

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052919\
 Data File : BF114633.D
 Acq On : 29 May 2019 14:49
 Operator : HP/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Quant Time: May 29 16:57:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 16:39:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	299273	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1202252	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	602313	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	1196433	20.00	ng	0.00
76) Chrysene-d12	13.82	240	880999	20.00	ng	0.00
87) Perylene-d12	15.20	264	1016937	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	755596	40.63	ng	0.00
7) Phenol-d6	6.32	99	916725	41.68	ng	-0.01
23) Nitrobenzene-d5	7.25	82	832271	38.85	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	258221	41.47	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1666349	41.85	ng	0.00
79) Terphenyl-d14	12.77	244	1948176	45.58	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.35	88	167708	16.407	ng	99
3) Pyridine	3.03	79	479849	17.038	ng	98
4) n-Nitrosodimethylamine	2.96	42	196034	14.434	ng	# 99
6) Aniline	6.35	93	681796	21.459	ng	98
8) 2-Chlorophenol	6.47	128	433454	21.833	ng	99
9) Benzaldehyde	6.23	77	305442	19.836	ng	98
10) Phenol	6.33	94	565336	21.849	ng	88
11) bis(2-Chloroethyl)ether	6.43	93	407487	20.744	ng	100
12) 1,3-Dichlorobenzene	6.63	146	496247	22.268	ng	97
13) 1,4-Dichlorobenzene	6.71	146	500432	22.284	ng	98
14) 1,2-Dichlorobenzene	6.86	146	470784	22.947	ng	99
15) Benzyl Alcohol	6.83	79	368956	21.507	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.97	45	635998	16.698	ng	99
17) 2-Methylphenol	6.95	107	352032	21.586	ng	99
18) Hexachloroethane	7.21	117	183662	21.788	ng	97
19) n-Nitroso-di-n-propylamine	7.11	70	301692	21.640	ng	99
20) 3+4-Methylphenols	7.10	107	430742	22.860	ng	96
22) Acetophenone	7.10	105	578420	21.718	ng	96
24) Nitrobenzene	7.27	77	441117	20.217	ng	99
25) Isophorone	7.51	82	817448	20.575	ng	97
26) 2-Nitrophenol	7.59	139	199581	18.853	ng	97
27) 2,4-Dimethylphenol	7.63	122	354843	21.342	ng	99
28) bis(2-Chloroethoxy)methane	7.73	93	537034	20.832	ng	98
29) 2,4-Dichlorophenol	7.83	162	362370	21.888	ng	99
30) 1,2,4-Trichlorobenzene	7.92	180	419788	22.298	ng	99
31) Naphthalene	8.00	128	1269502	22.605	ng	96
32) Benzoic acid	7.72	122	218326	20.053	ng	96
33) 4-Chloroaniline	8.04	127	579157	22.631	ng	99
34) Hexachlorobutadiene	8.12	225	237178	22.142	ng	99
35) Caprolactam	8.39	113	122109	22.620	ng	95
36) 4-Chloro-3-methylphenol	8.52	107	364555	21.876	ng	97
37) 2-Methylnaphthalene	8.69	142	851766	23.508	ng	98
38) 1-Methylnaphthalene	8.78	142	803471	23.547	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	373550	20.474	ng	100

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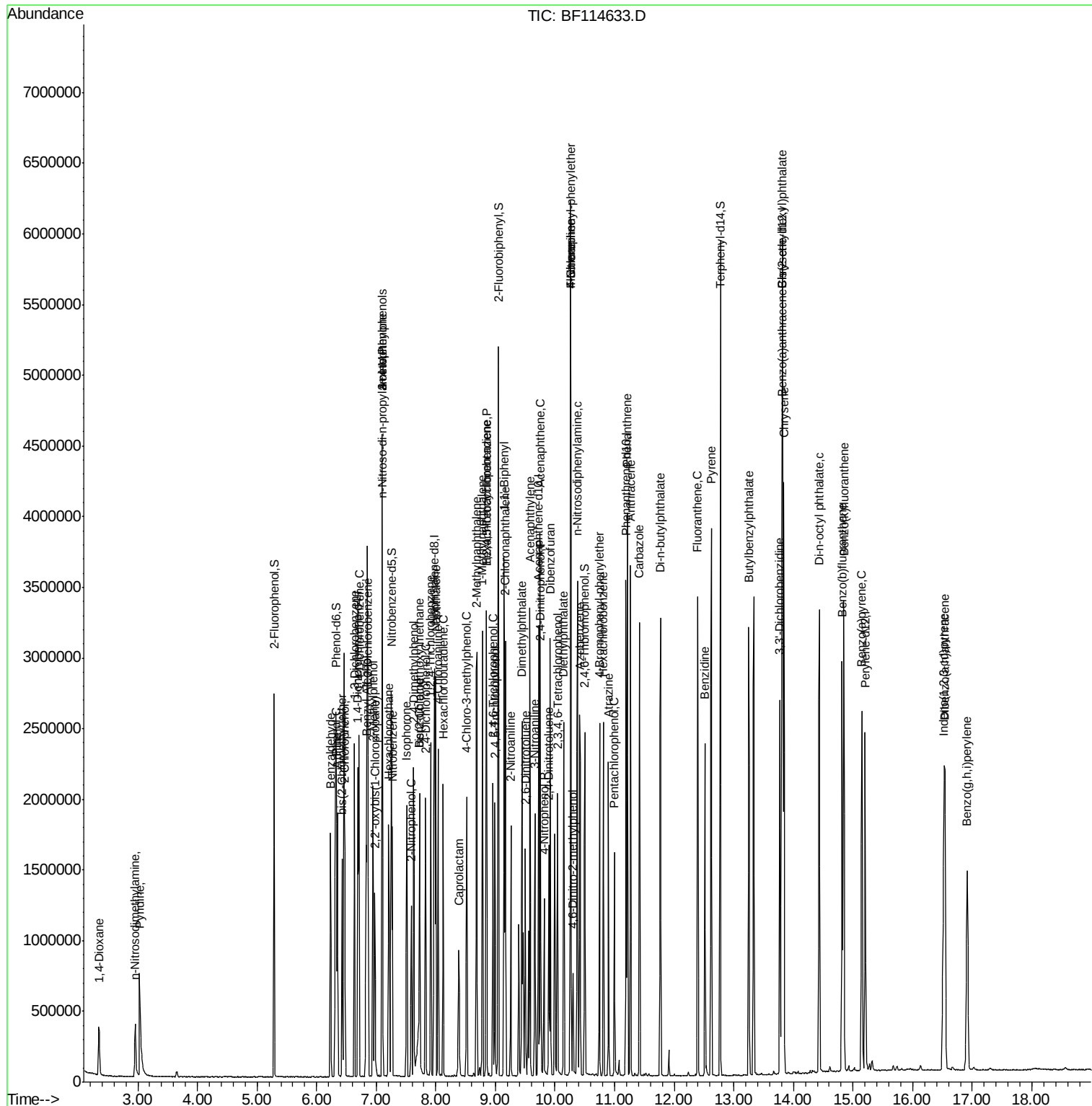
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	238089	31.013	nq	99
43) 2,4,6-Trichlorophenol	8.96	196	267288	21.298	nq	98
44) 2,4,5-Trichlorophenol	8.99	196	270544	21.021	nq	99
46) 1,1'-Biphenyl	9.15	154	1029005	21.147	nq	97
47) 2-Chloronaphthalene	9.17	162	843949	21.551	nq	98
48) 2-Nitroaniline	9.26	65	237674	17.114	nq	98
49) Acenaphthylene	9.58	152	1283301	21.546	nq	98
50) Dimethylphthalate	9.45	163	961505	21.746	nq	99
51) 2,6-Dinitrotoluene	9.50	165	201609	20.558	nq #	85
52) Acenaphthene	9.75	154	796834	21.802	nq	98
53) 3-Nitroaniline	9.66	138	252998	20.782	nq	95
54) 2,4-Dinitrophenol	9.76	184	66814	16.987	nq #	8
55) Dibenzofuran	9.92	168	1130053	21.086	nq	97
56) 4-Nitrophenol	9.82	139	184943	21.482	nq	93
57) 2,4-Dinitrotoluene	9.90	165	263919	19.827	nq	91
58) Fluorene	10.26	166	834394	20.156	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.04	232	225136	20.273	nq	99
60) Diethylphthalate	10.15	149	979450	21.802	nq	98
61) 4-Chlorophenyl-phenylether	10.26	204	419189	20.618	nq	95
62) 4-Nitroaniline	10.27	138	235519	18.411	nq	98
63) Azobenzene	10.42	77	917455	21.098	nq	97
65) 4,6-Dinitro-2-methylphenol	10.30	198	92244	16.045	nq	83
66) n-Nitrosodiphenylamine	10.37	169	778803	21.448	nq	99
67) 4-Bromophenyl-phenylether	10.75	248	278216	21.120	nq	97
68) Hexachlorobenzene	10.81	284	304876	20.920	nq	99
69) Atrazine	10.90	200	251952	22.296	nq	98
70) Pentachlorophenol	11.00	266	169112	24.480	nq	98
71) Phenanthrene	11.22	178	1345297	23.112	nq	97
72) Anthracene	11.27	178	1362209	23.300	nq	98
73) Carbazole	11.42	167	1216948	21.828	nq	97
74) Di-n-butylphthalate	11.77	149	1594331	24.822	nq	97
75) Fluoranthene	12.40	202	1413700	22.553	nq	95
77) Benzidine	12.52	184	792813	20.048	nq	99
78) Pyrene	12.62	202	1426793	20.132	nq	98
80) Butylbenzylphthalate	13.25	149	682187	22.869	nq	96
81) Benzo(a)anthracene	13.80	228	1333932	23.409	nq	98
82) 3,3'-Dichlorobenzidine	13.77	252	531744	24.055	nq	98
83) Chrysene	13.84	228	1277983	22.879	nq	97
84) Bis(2-ethylhexyl)phthalate	13.82	149	916496	23.491	nq	99
85) Di-n-octyl phthalate	14.43	149	1600271	25.303	nq	99
86) Indeno(1,2,3-cd)pyrene	16.52	276	1333124	27.004	nq	100
88) Benzo(b)fluoranthene	14.82	252	1266437	19.439	nq	100
89) Benzo(k)fluoranthene	14.84	252	1264658	21.131	nq	99
90) Benzo(a)pyrene	15.15	252	1194919	20.840	nq	99
91) Dibenzo(a,h)anthracene	16.54	278	1111048	23.319	nq	99
92) Benzo(g,h,i)perylene	16.92	276	1043248	21.849	nq	98

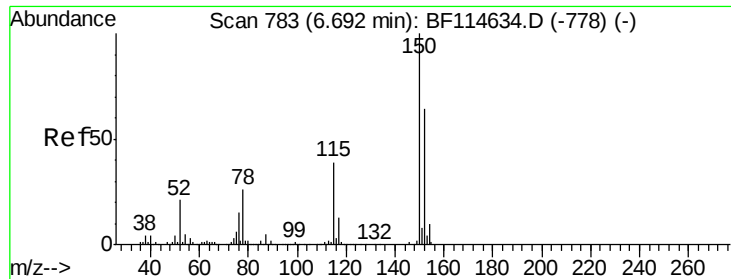
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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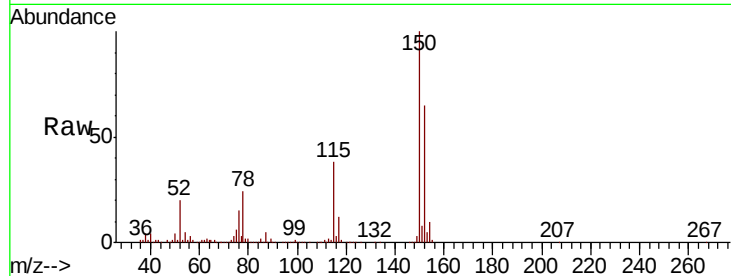


#1

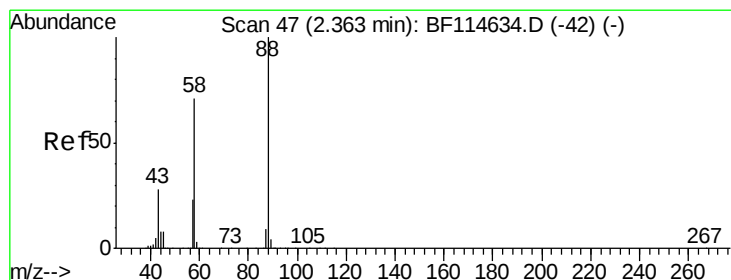
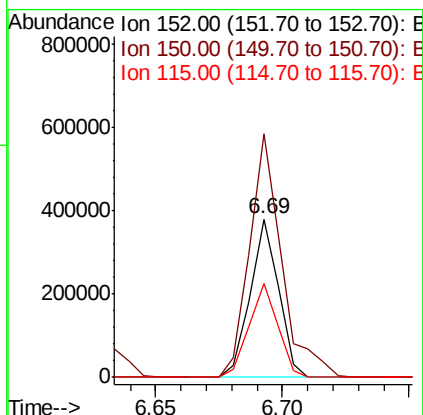
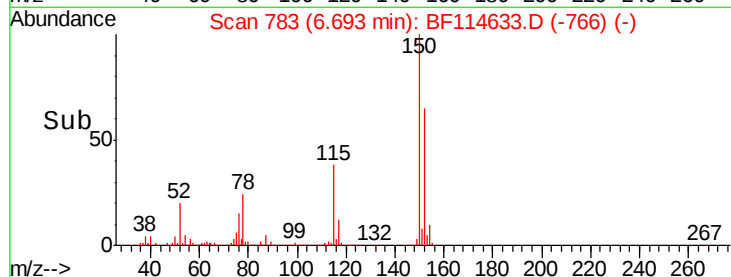
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF114633.D
Acq: 29 May 2019 14:49

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion:152 Resp: 299273
Ion Ratio Lower Upper
152 100
150 153.9 124.4 186.6
115 59.1 48.7 73.1



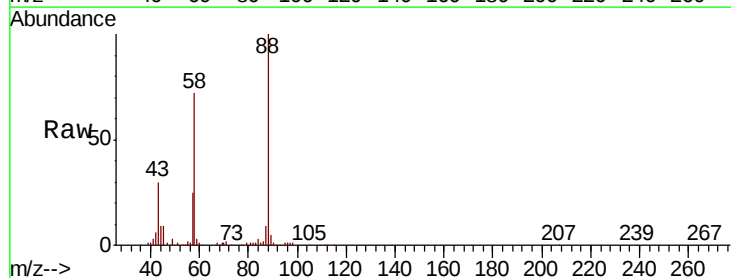
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



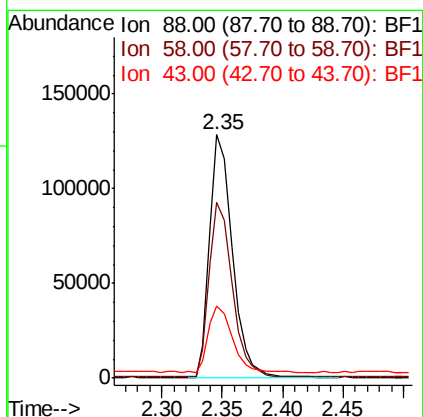
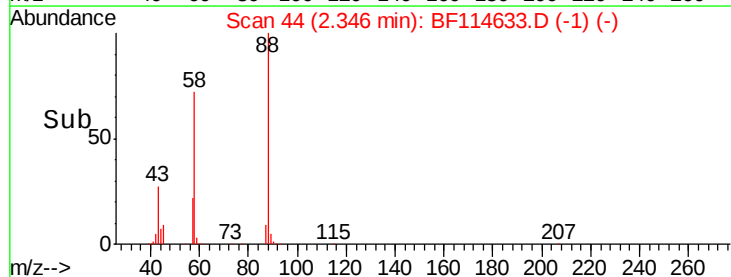
#2

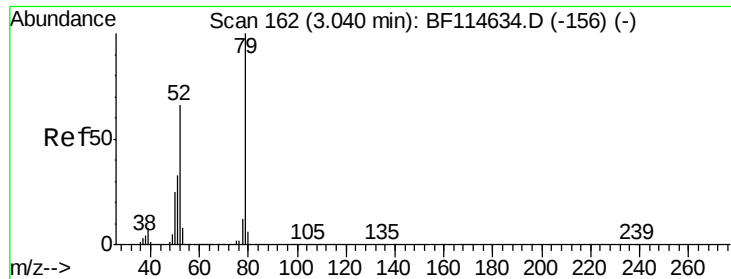
1,4-Dioxane
Concen: 16.407 ng
RT: 2.35 min Scan# 44
Delta R.T. -0.02 min
Lab File: BF114633.D
Acq: 29 May 2019 14:49

Tgt Ion: 88 Resp: 167708
Ion Ratio Lower Upper
88 100
58 72.9 57.2 85.8
43 28.6 22.6 33.8



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 17.038 ng

RT: 3.03 min Scan# 160

Delta R.T. -0.01 min

Lab File: BF114633.D

Acq: 29 May 2019 14:49

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

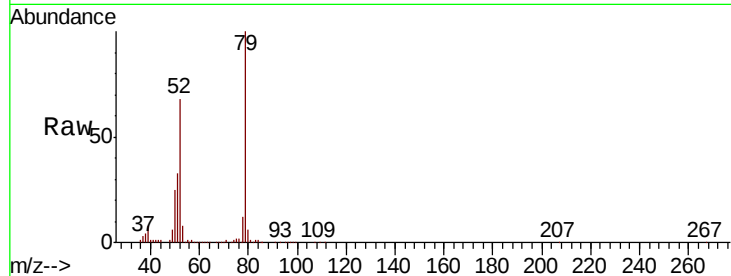
Tot Ion: 79 Resp: 479849

Ion Ratio Lower Upper

79 100

52 67.6 52.8 79.2

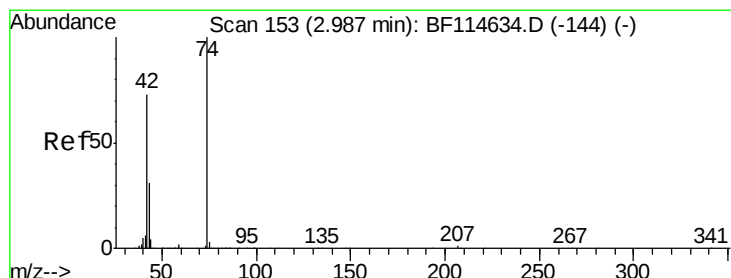
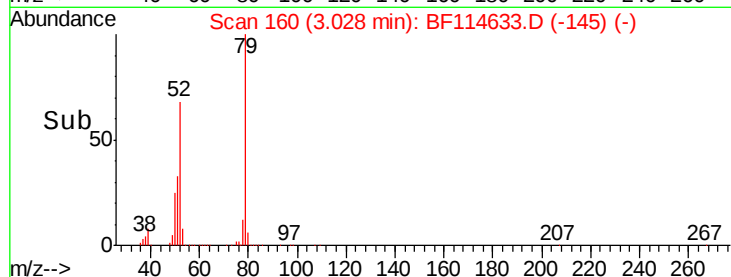
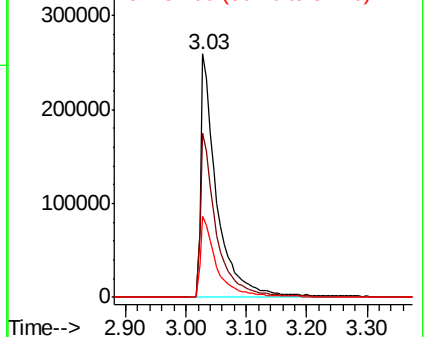
51 33.3 26.3 39.5



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 14.434 ng

RT: 2.96 min Scan# 148

Delta R.T. -0.03 min

Lab File: BF114633.D

Acq: 29 May 2019 14:49

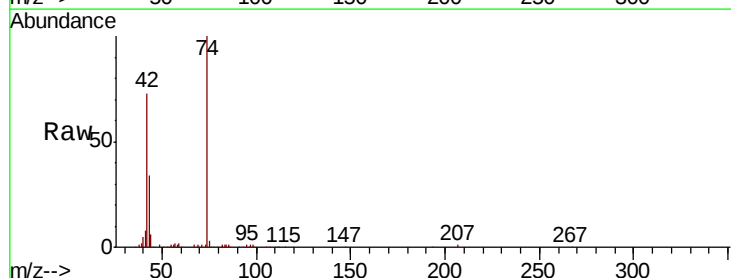
Tgt Ion: 42 Resp: 196034

Ion Ratio Lower Upper

42 100

74 137.9 110.0 165.0

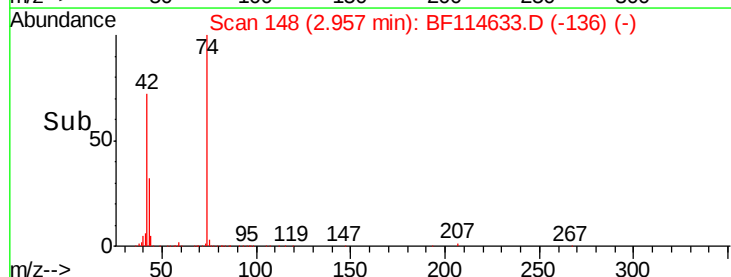
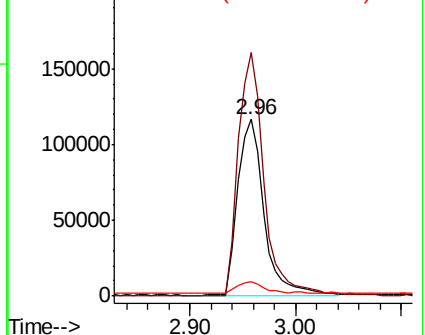
44 8.5 5.6 8.4#

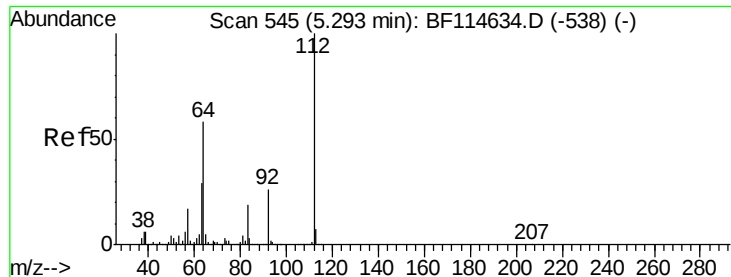


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 40.630 ng

RT: 5.29 min Scan# 544

Delta R.T. -0.01 min

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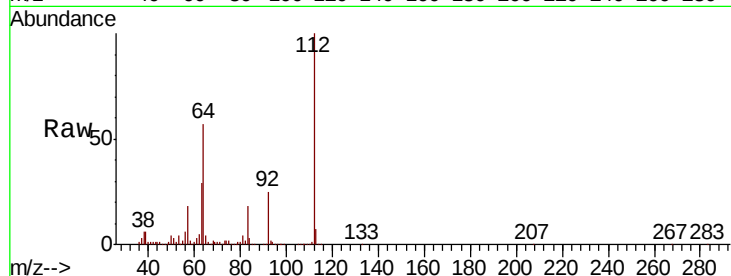
Tot Ion:112 Resp: 755596

Ion Ratio Lower Upper

112 100

64 56.5 46.1 69.1

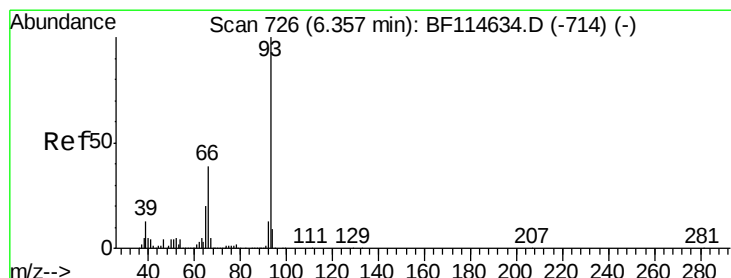
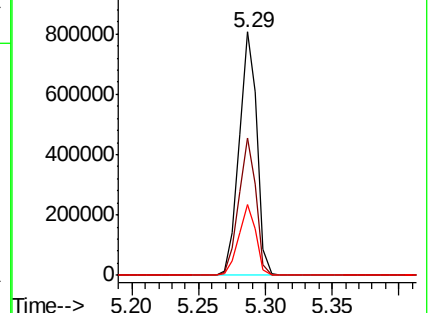
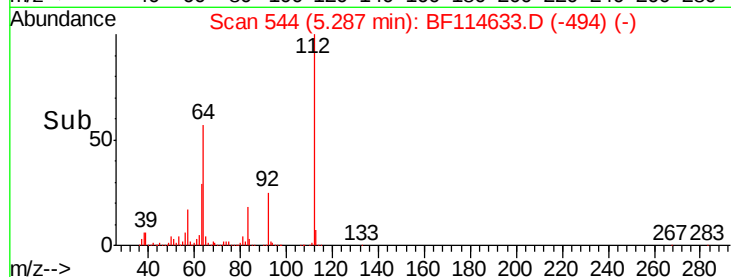
63 28.8 23.4 35.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 21.459 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF114633.D

Acq: 29 May 2019 14:49

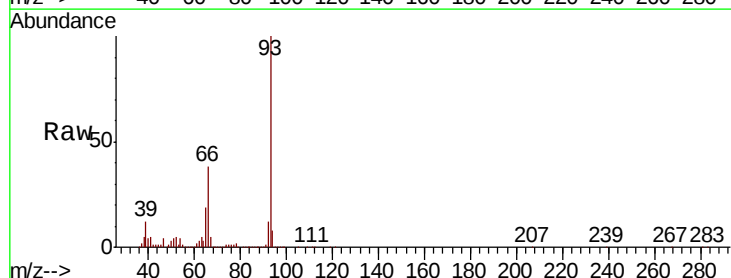
Tgt Ion: 93 Resp: 681796

Ion Ratio Lower Upper

93 100

66 38.1 31.4 47.2

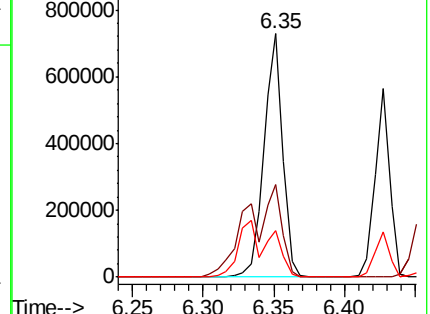
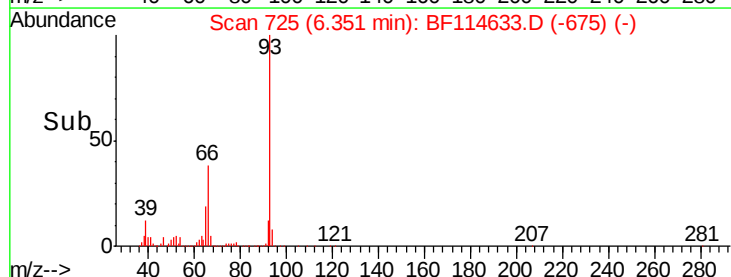
65 19.0 16.2 24.2

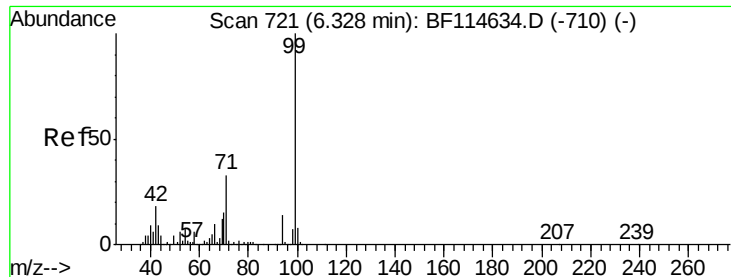


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 41.678 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

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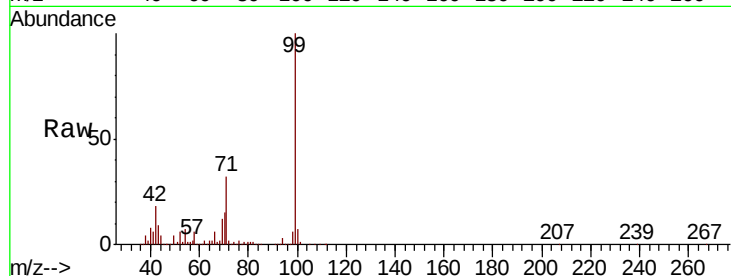
Tot Ion: 99 Resp: 916725

Ion Ratio Lower Upper

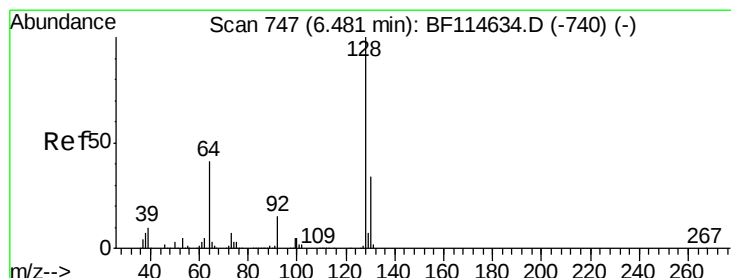
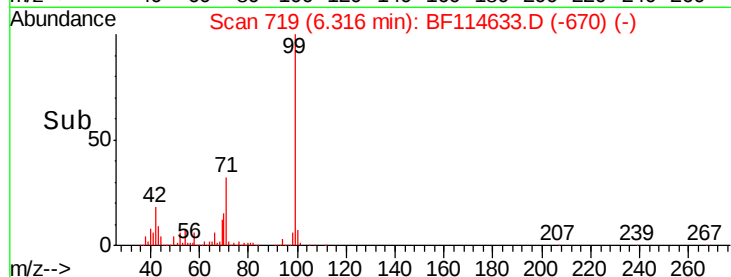
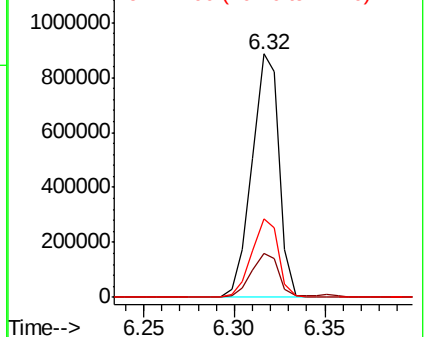
99 100

42 18.0 14.7 22.1

71 32.3 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 21.833 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

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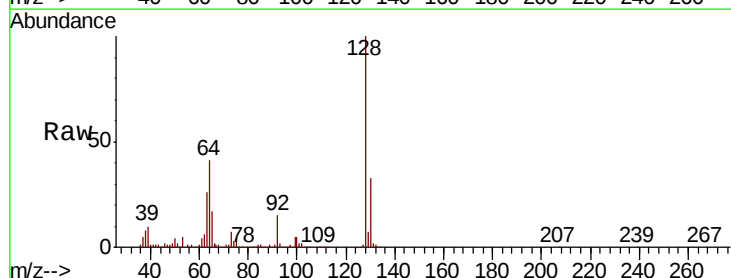
Tgt Ion: 128 Resp: 433454

Ion Ratio Lower Upper

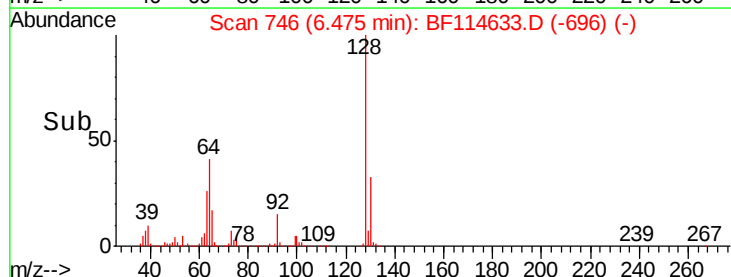
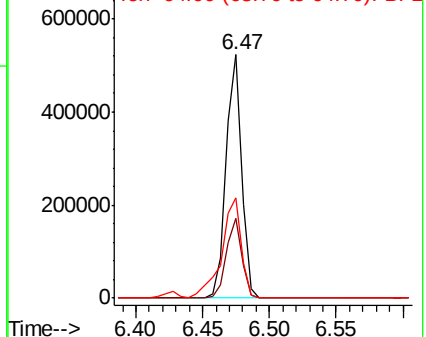
128 100

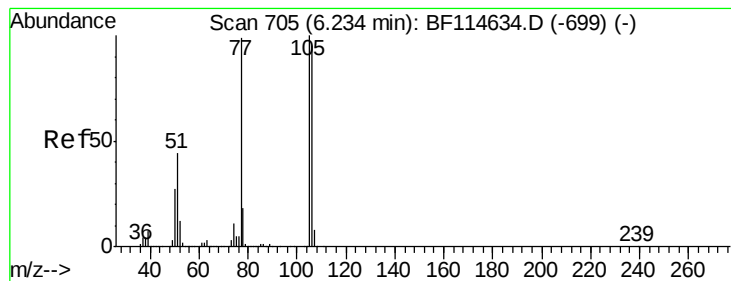
130 32.8 13.9 53.9

64 41.4 22.0 62.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 19.836 ng

RT: 6.23 min Scan# 705

Delta R.T. 0.00 min

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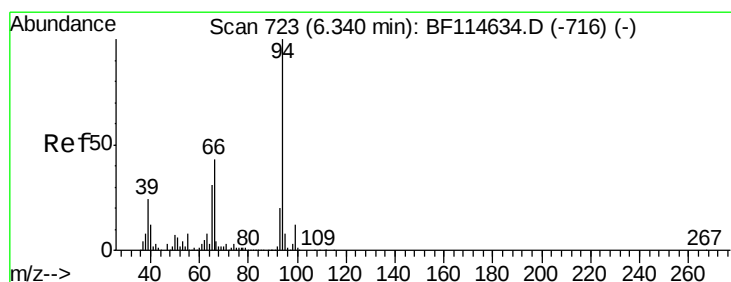
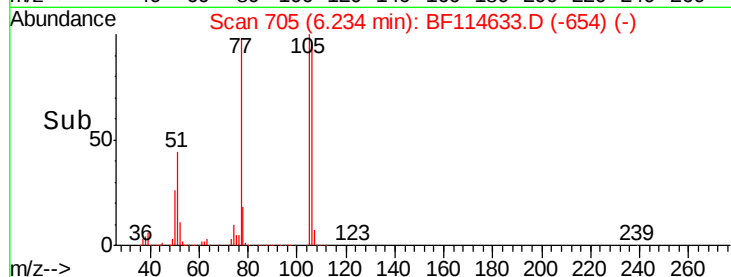
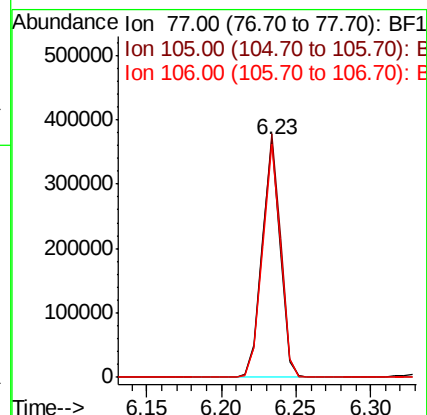
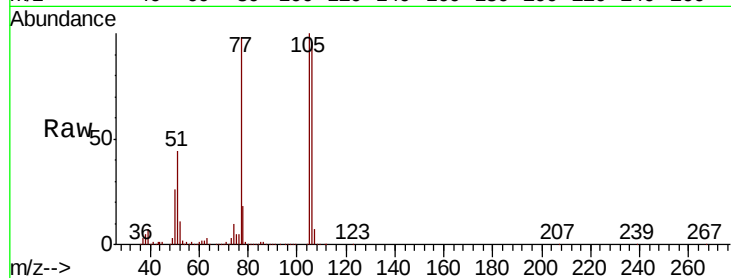
Tot Ion: 77 Resp: 305442

Ion Ratio Lower Upper

77 100

105 102.4 80.8 120.8

106 98.2 76.2 116.2



#10

Phenol

Concen: 21.849 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF114633.D

Acq: 29 May 2019 14:49

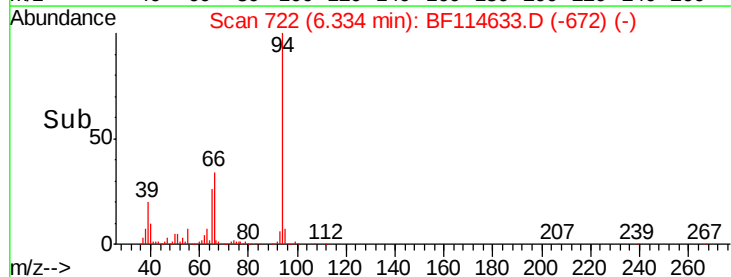
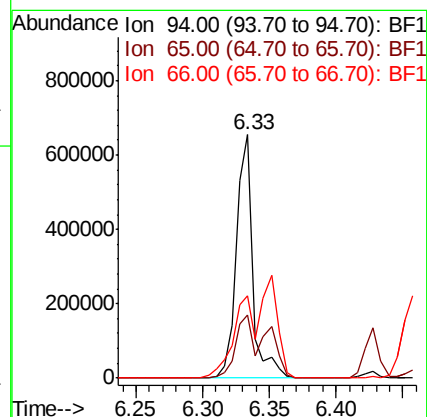
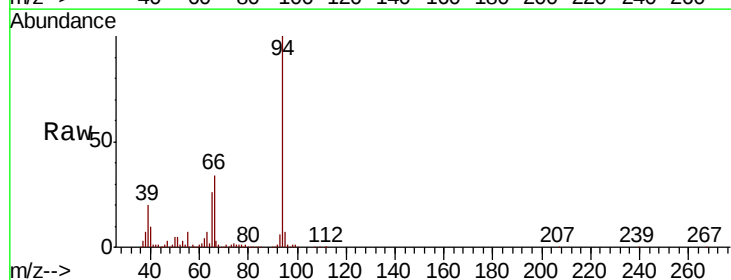
Tgt Ion: 94 Resp: 565336

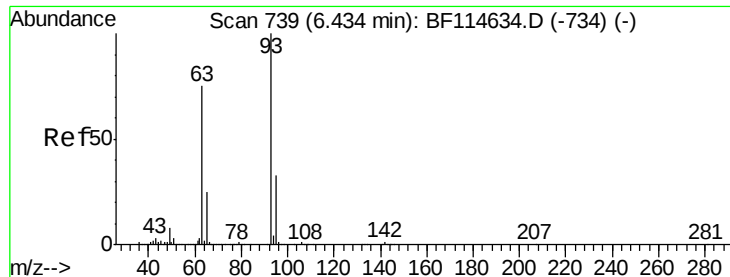
Ion Ratio Lower Upper

94 100

65 26.2 11.0 51.0

66 33.6 23.0 63.0

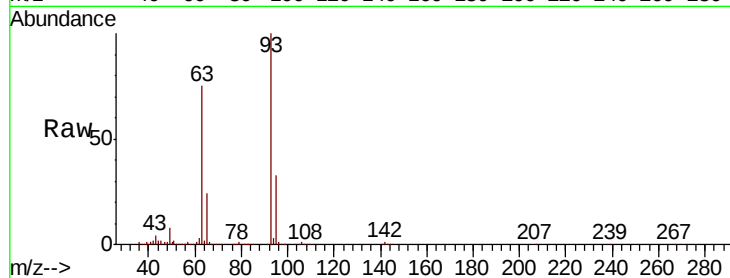




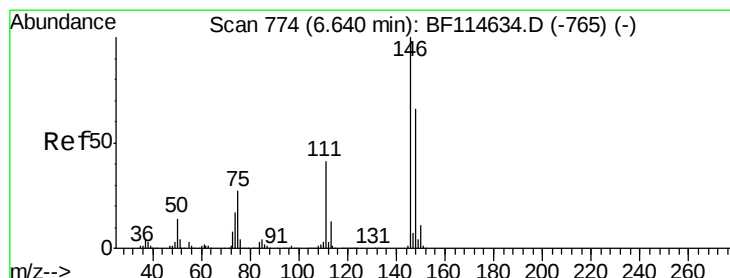
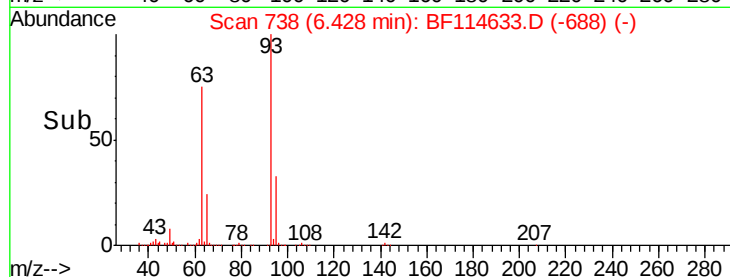
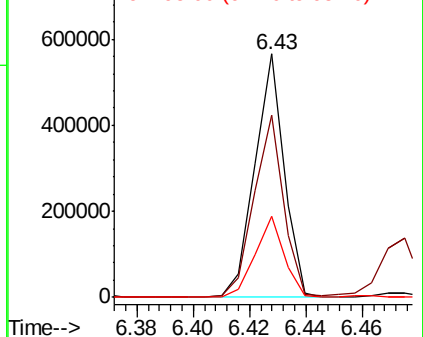
#11
bis(2-Chloroethyl)ether
Concen: 20.744 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF114633.D
Acq: 29 May 2019 14:49

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.0	55.0	95.0
95	33.1	13.5	53.5

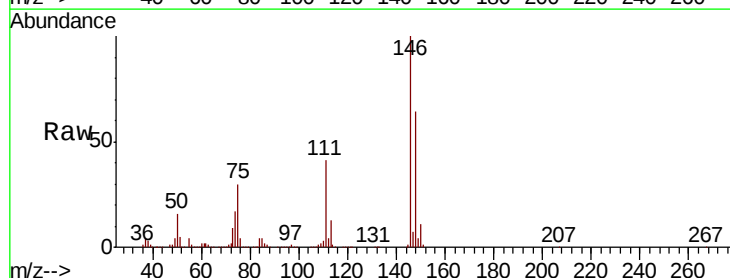


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

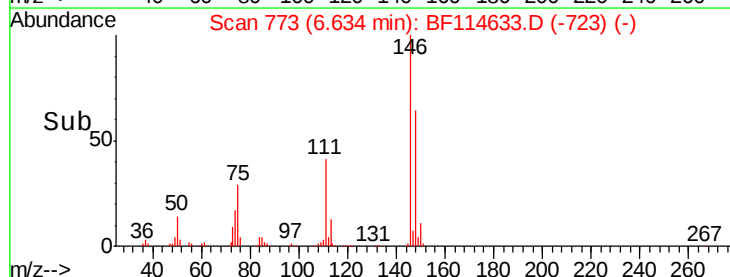
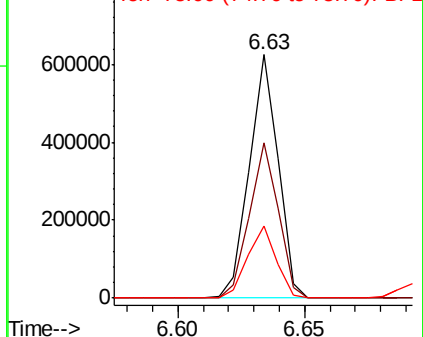


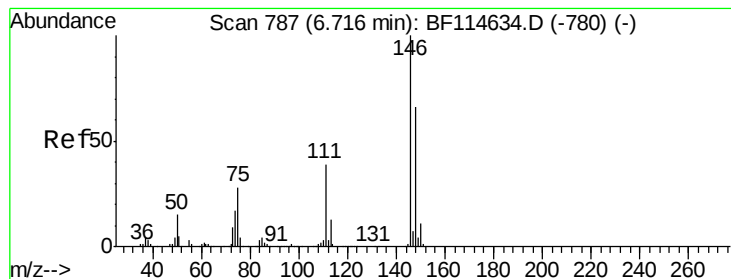
#12
1,3-Dichlorobenzene
Concen: 22.268 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF114633.D
Acq: 29 May 2019 14:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.9	79.3
75	29.8	22.0	33.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 22.284 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.01 min

Lab File: BF114633.D

Acq: 29 May 2019 14:49

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

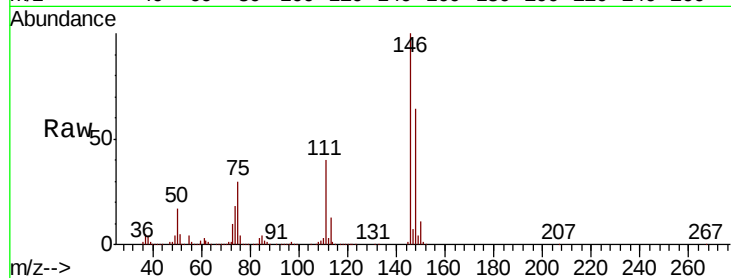
Tot Ion:146 Resp: 500432

Ion Ratio Lower Upper

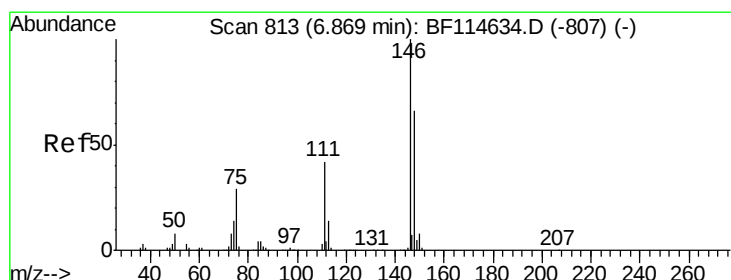
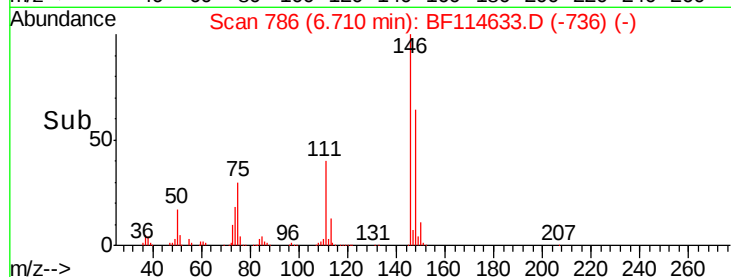
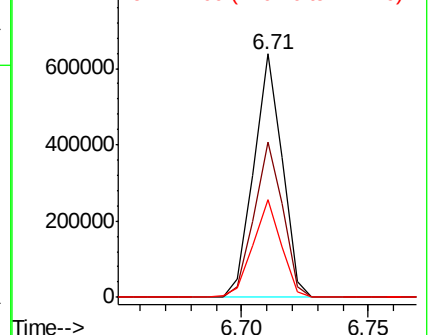
146 100

148 63.6 52.5 78.7

111 40.2 31.4 47.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 22.947 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF114633.D

Acq: 29 May 2019 14:49

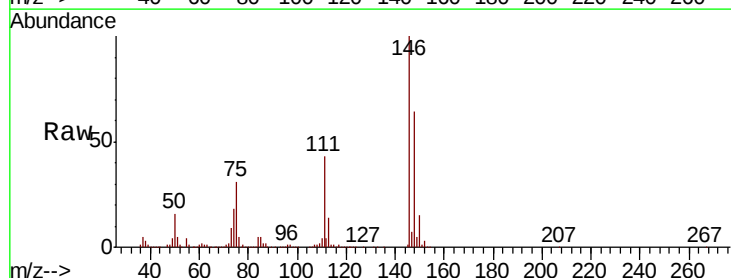
Tgt Ion:146 Resp: 470784

Ion Ratio Lower Upper

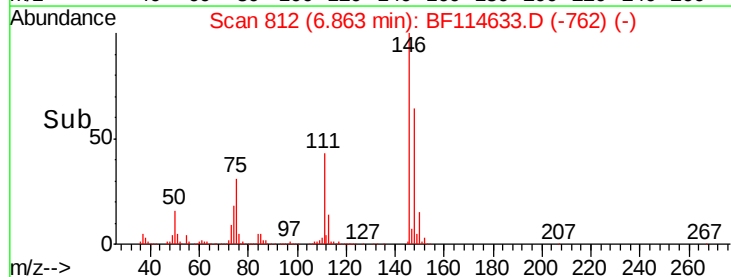
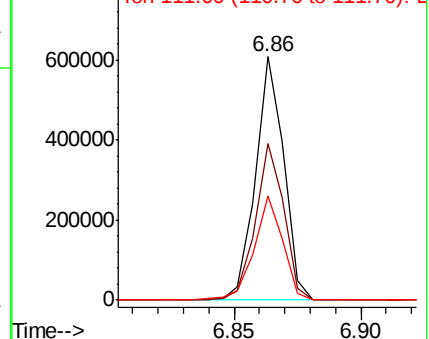
146 100

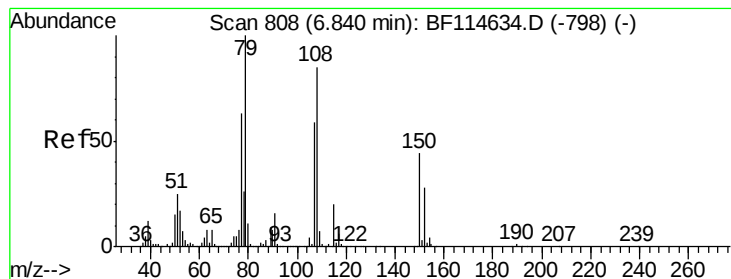
148 64.1 52.6 79.0

111 42.8 34.1 51.1



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 21.507 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF114633.D

Acq: 29 May 2019 14:49

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

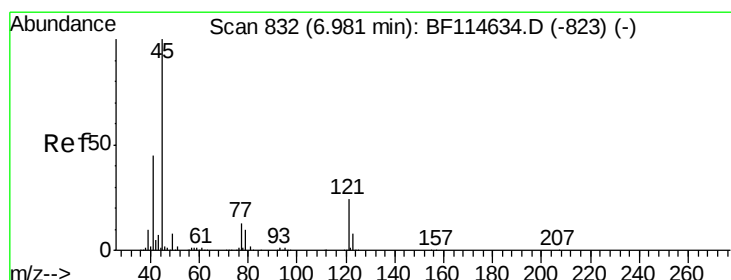
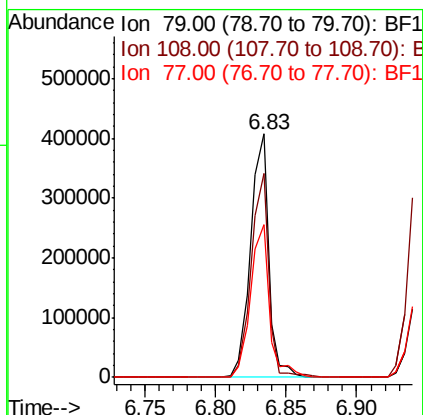
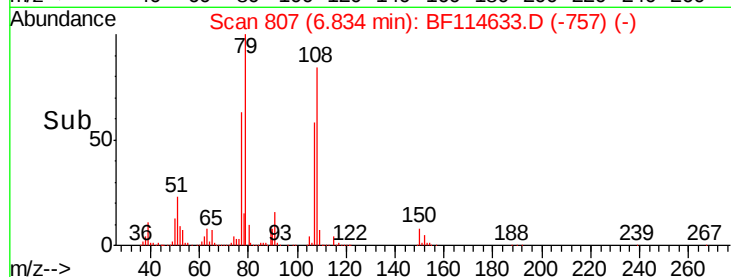
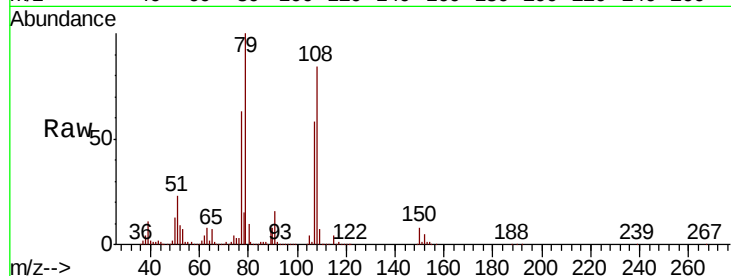
Tot Ion: 79 Resp: 368956

Ion Ratio Lower Upper

79 100

108 83.6 67.8 101.8

77 62.9 50.7 76.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 16.698 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF114633.D

Acq: 29 May 2019 14:49

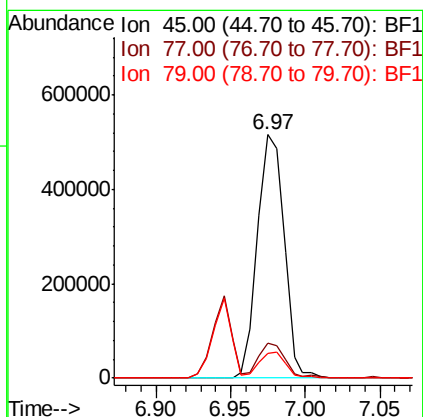
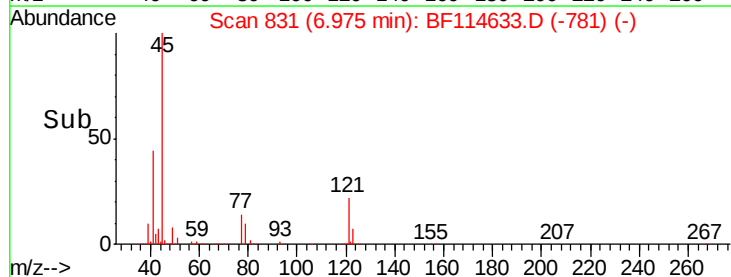
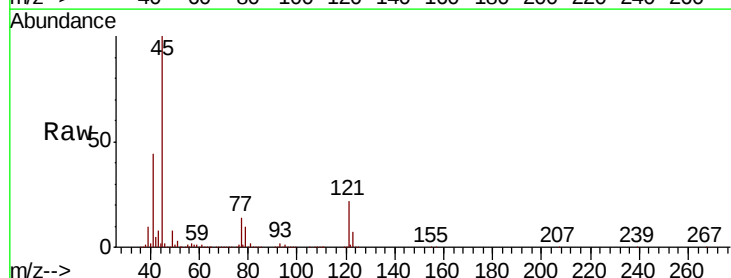
Tgt Ion: 45 Resp: 635998

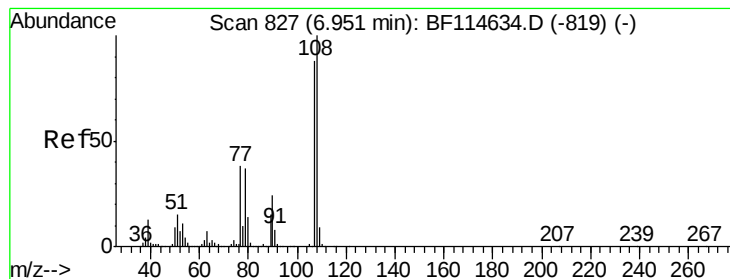
Ion Ratio Lower Upper

45 100

77 14.4 0.0 34.7

79 10.3 0.0 31.3





#17

2-Methylphenol

Concen: 21.586 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF114633.D

Acq: 29 May 2019 14:49

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

Tot Ion:107 Resp: 352032

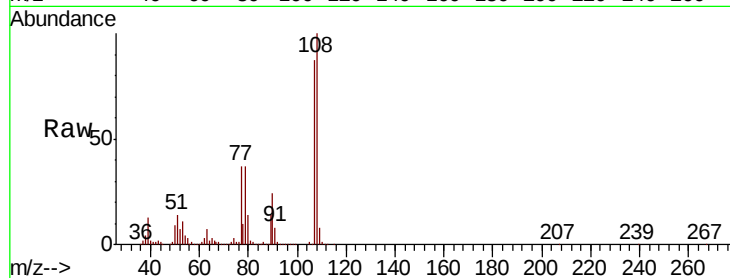
Ion Ratio Lower Upper

107 100

108 115.2 91.1 136.7

77 43.0 34.9 52.3

79 42.2 33.8 50.6

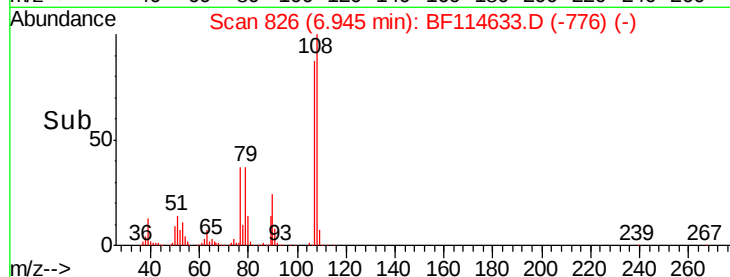


Abundance Ion 107.00 (106.70 to 107.70): E

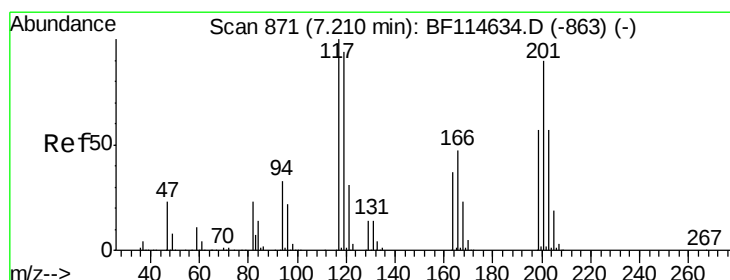
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



Time-->



#18

Hexachloroethane

Concen: 21.788 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF114633.D

Acq: 29 May 2019 14:49

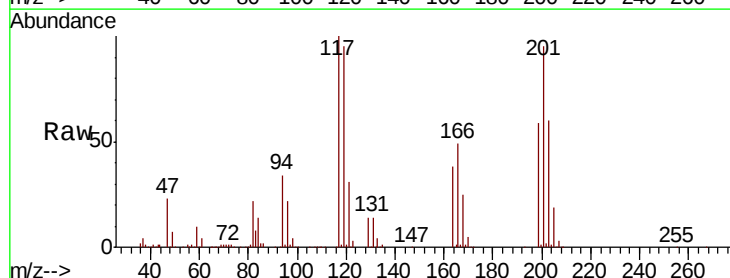
Tgt Ion:117 Resp: 183662

Ion Ratio Lower Upper

117 100

119 95.2 75.6 113.4

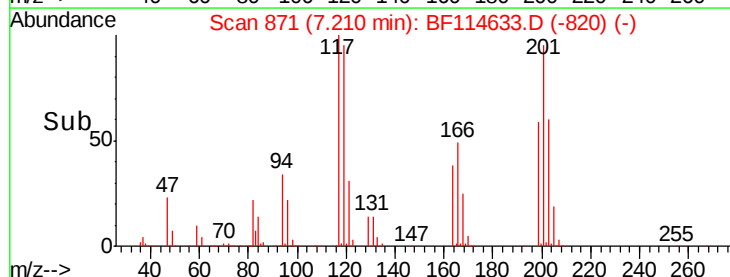
201 94.9 71.7 107.5



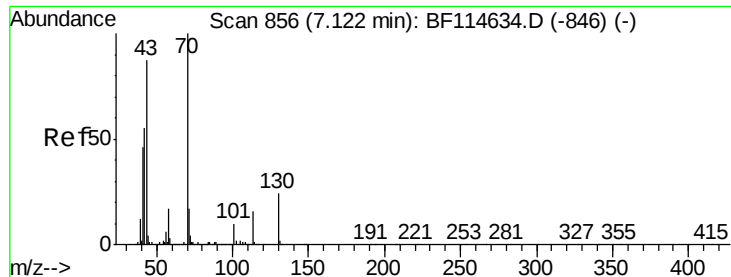
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



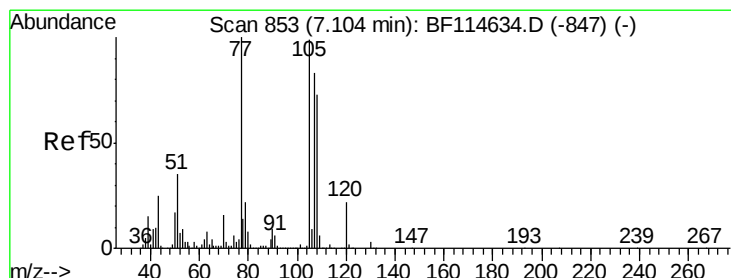
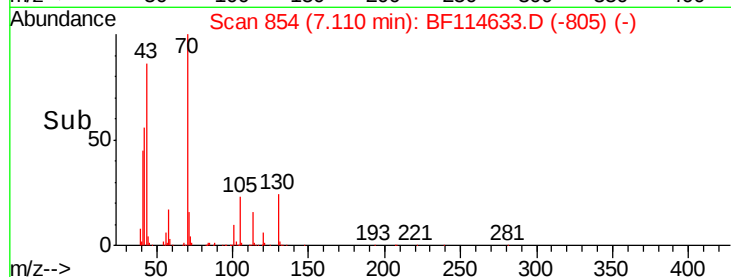
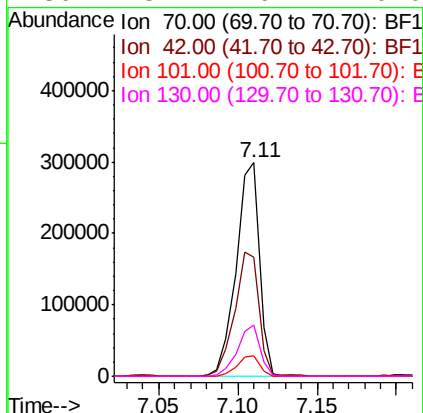
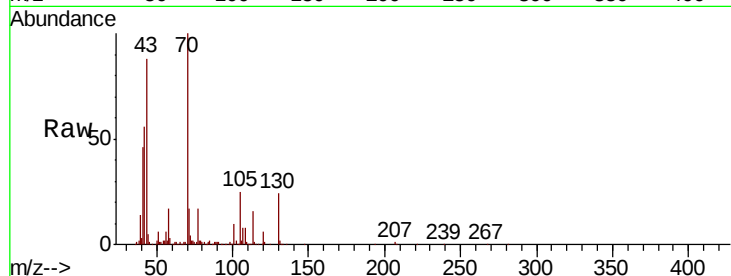
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 21.640 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF114633.D
Acq: 29 May 2019 14:49

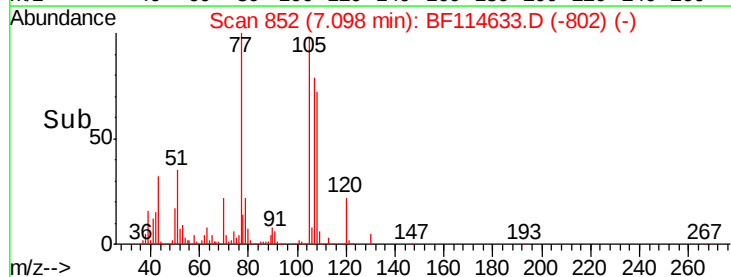
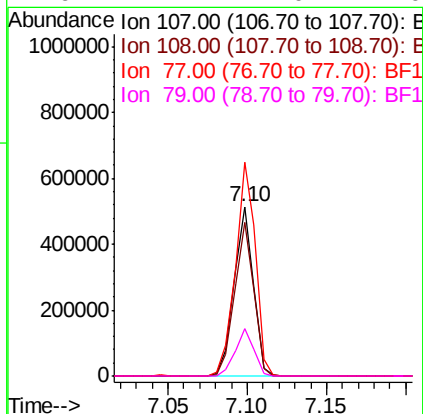
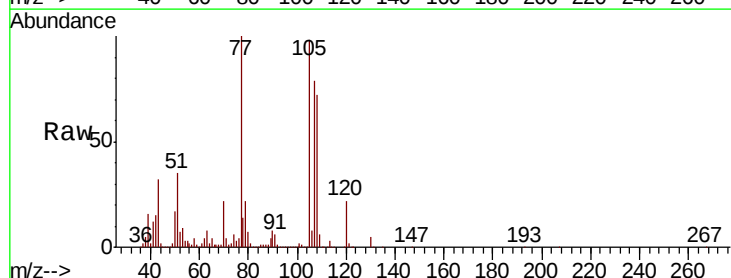
Instrument :
BNA_F
ClientSampleId :
SSTDIC020

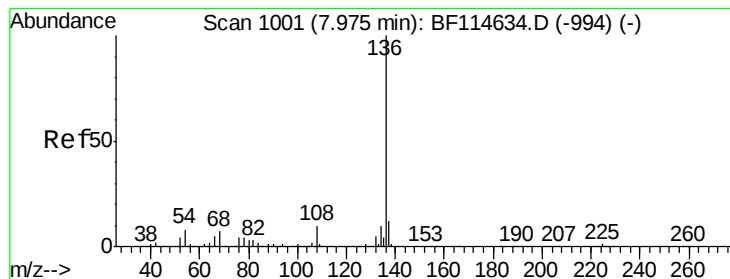
Tot Ion:	70	Resp:	301692
Ion	Ratio	Lower	Upper
70	100		
42	55.9	44.4	66.6
101	9.8	8.2	12.4
130	23.7	19.4	29.0



#20
3+4-Methylphenols
Concen: 22.860 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF114633.D
Acq: 29 May 2019 14:49

Tgt Ion:	107	Resp:	430742
Ion	Ratio	Lower	Upper
107	100		
108	90.7	68.6	108.6
77	126.3	100.5	140.5
79	27.7	7.0	47.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. 0.00 min

Lab File: BF114633.D

Acq: 29 May 2019 14:49

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

Tot Ion:136 Resp: 1202252

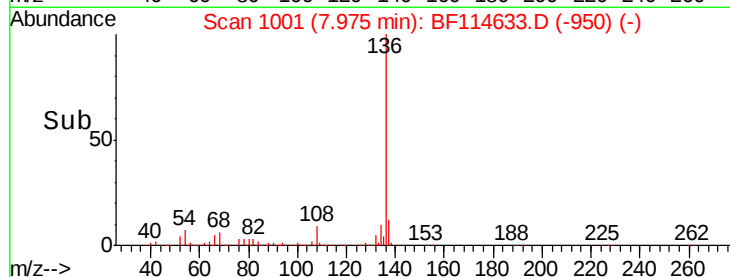
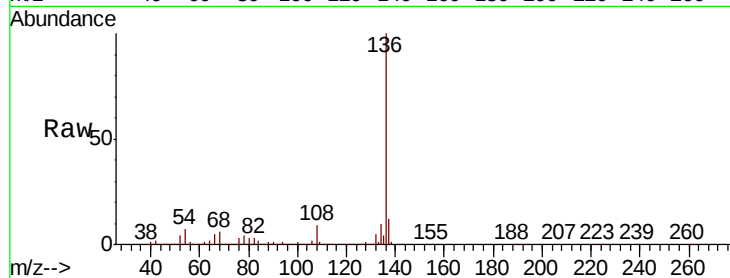
Ion Ratio Lower Upper

136 100

137 11.5 9.3 13.9

54 7.3 6.3 9.5

68 6.2 5.4 8.0



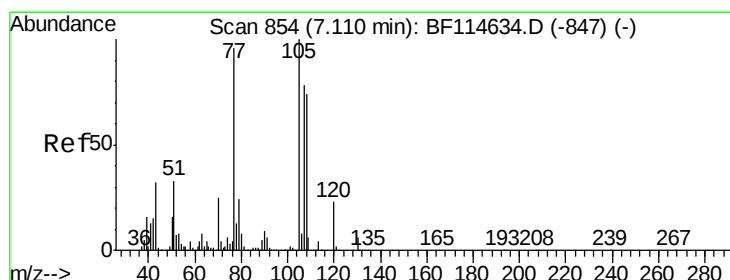
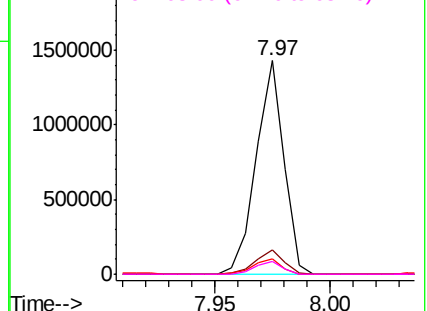
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 21.718 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF114633.D

Acq: 29 May 2019 14:49

Tgt Ion:105 Resp: 578420

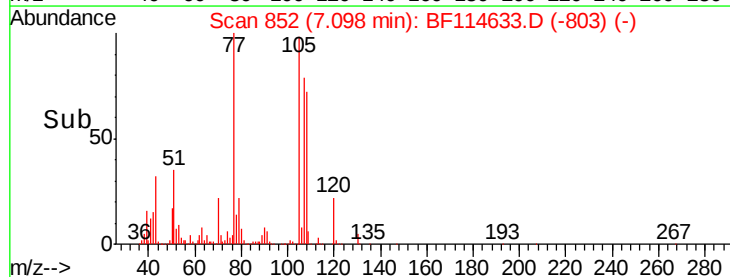
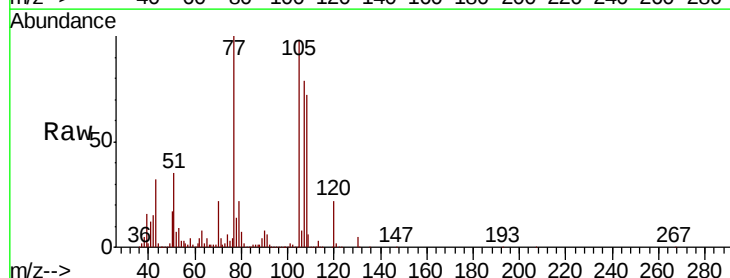
Ion Ratio Lower Upper

105 100

71 4.1 3.6 5.4

51 35.8 26.0 39.0

120 22.7 18.8 28.2



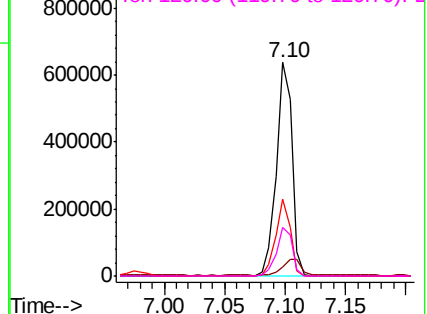
Abundance

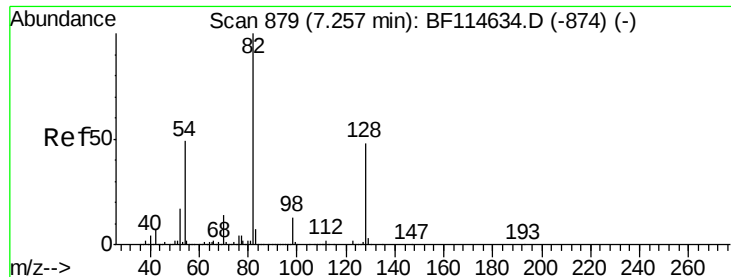
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 38.850 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF114633.D

Acq: 29 May 2019 14:49

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

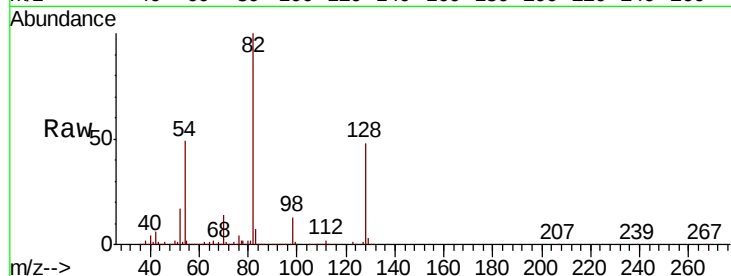
Tot Ion: 82 Resp: 832271

Ion Ratio Lower Upper

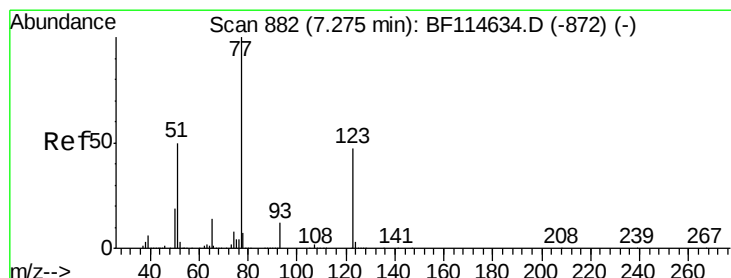
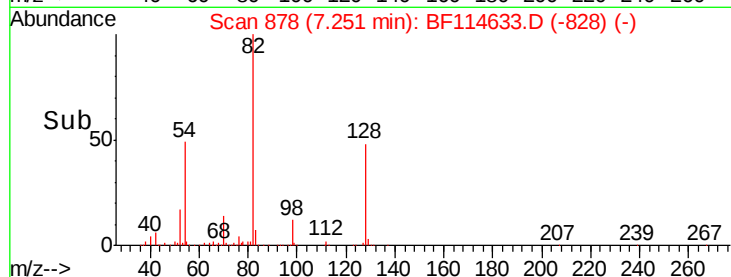
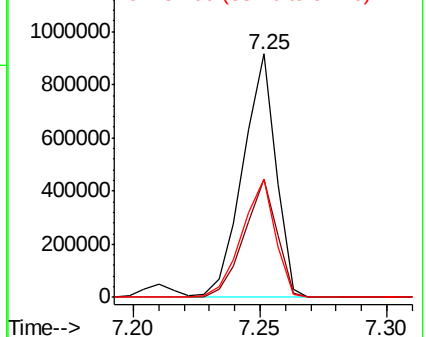
82 100

128 48.3 38.5 57.7

54 48.8 39.1 58.7



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 20.217 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF114633.D

Acq: 29 May 2019 14:49

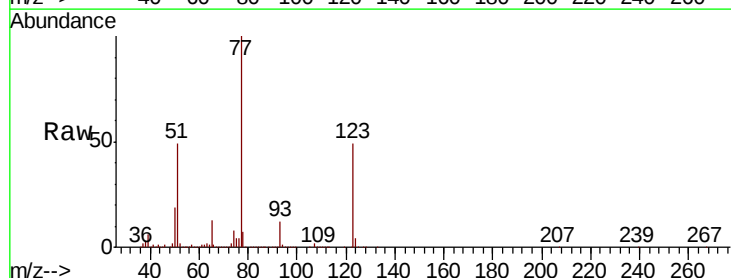
Tgt Ion: 77 Resp: 441117

Ion Ratio Lower Upper

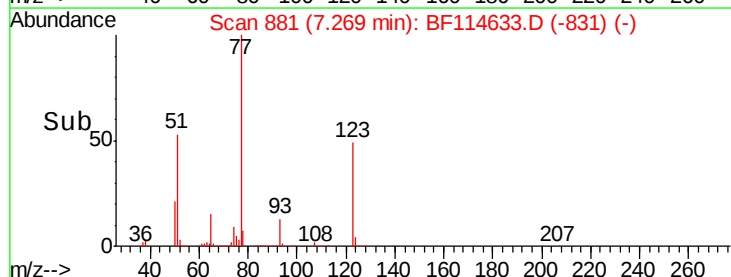
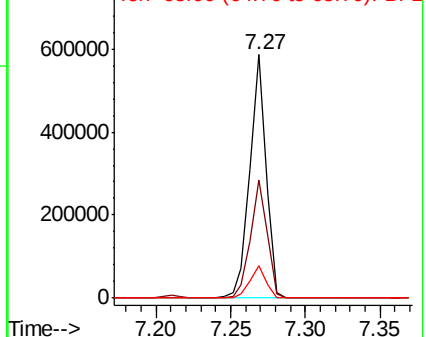
77 100

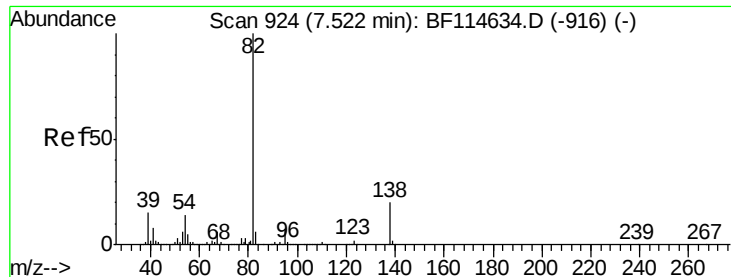
123 48.7 38.5 57.7

65 13.5 11.2 16.8



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 20.575 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF114633.D

Acq: 29 May 2019 14:49

Instrument :

BNA_F

ClientSampled :

SSTDIC020

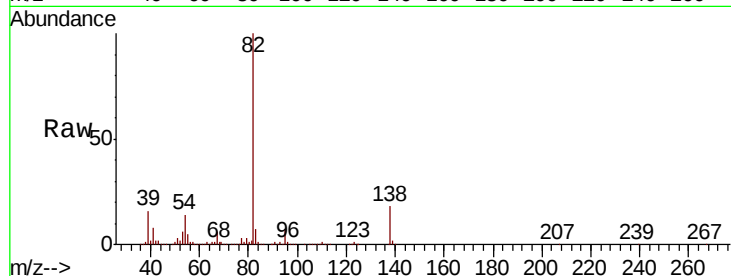
Tot Ion: 82 Resp: 817448

Ion Ratio Lower Upper

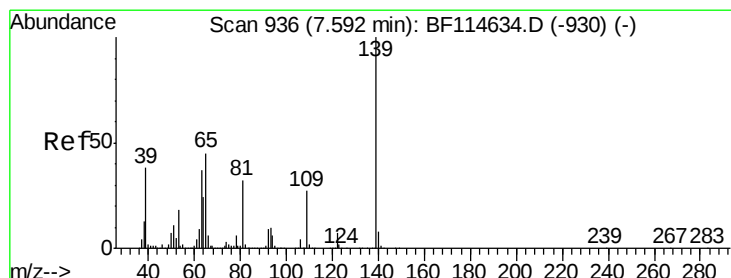
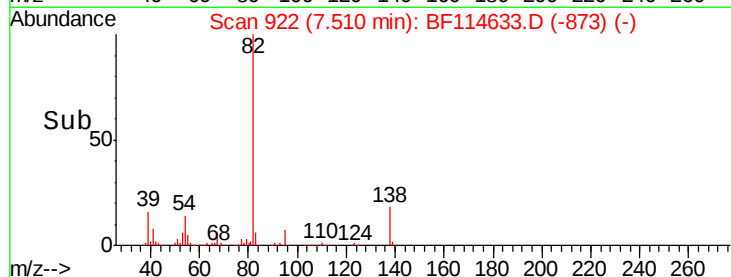
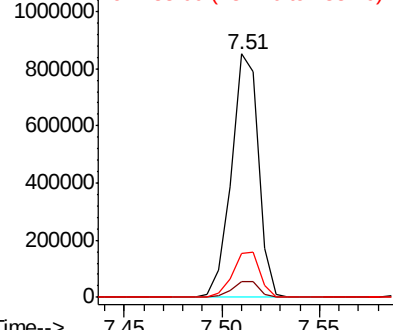
82 100

95 6.6 5.6 8.4

138 18.0 15.9 23.9



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 18.853 ng

RT: 7.59 min Scan# 935

Delta R.T. -0.01 min

Lab File: BF114633.D

Acq: 29 May 2019 14:49

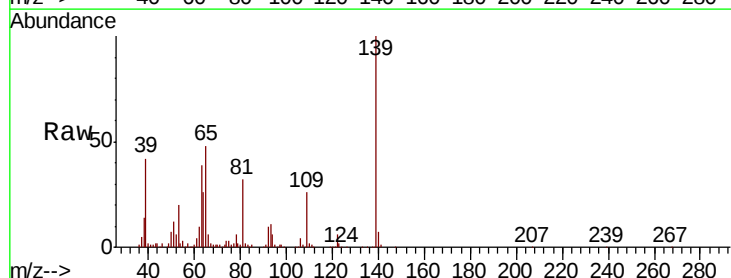
Tgt Ion: 139 Resp: 199581

Ion Ratio Lower Upper

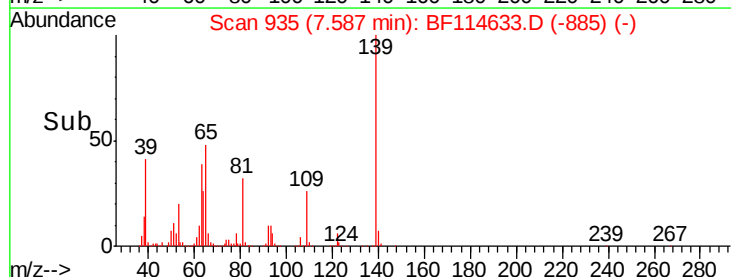
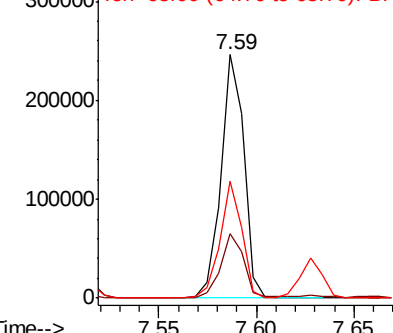
139 100

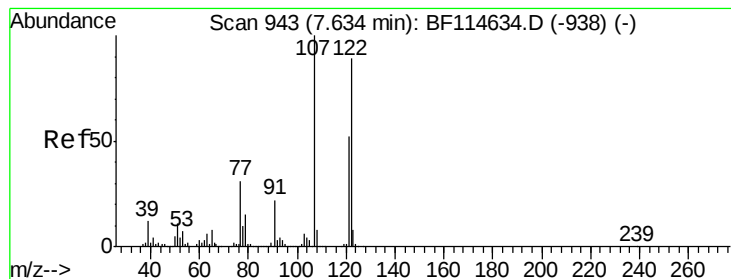
109 26.4 21.7 32.5

65 48.2 36.3 54.5



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 21.342 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF114633.D

Acq: 29 May 2019 14:49

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

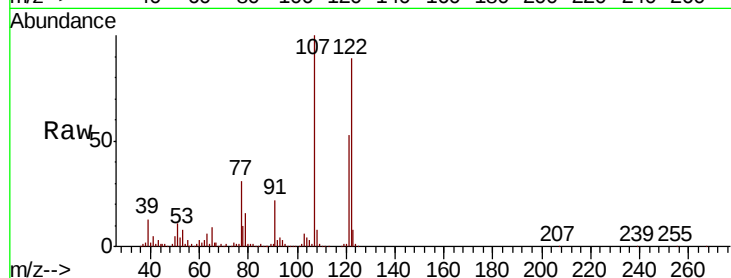
Tot Ion:122 Resp: 354843

Ion Ratio Lower Upper

122 100

107 111.8 89.3 133.9

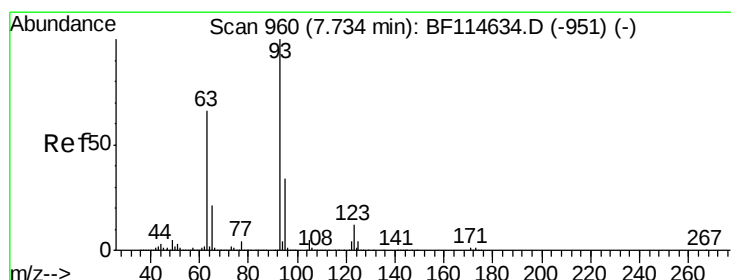
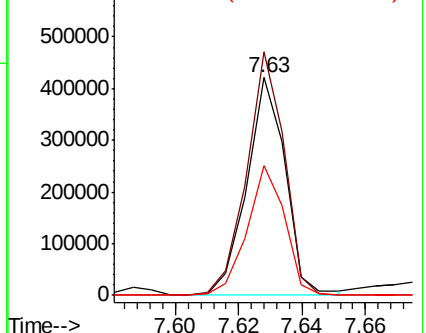
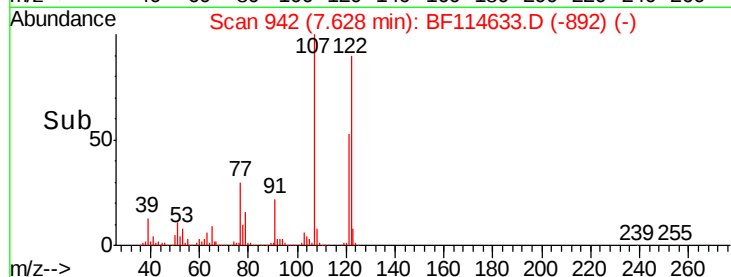
121 59.4 46.8 70.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 20.832 ng

RT: 7.73 min Scan# 959

Delta R.T. -0.01 min

Lab File: BF114633.D

Acq: 29 May 2019 14:49

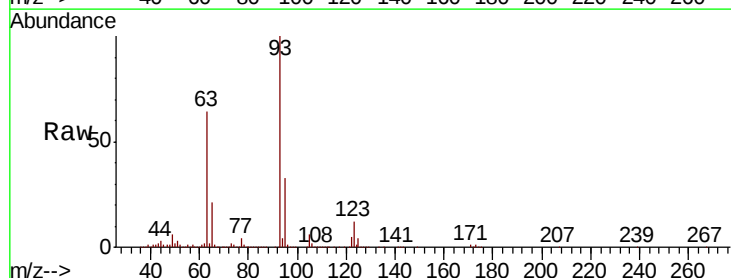
Tgt Ion: 93 Resp: 537034

Ion Ratio Lower Upper

93 100

95 32.7 27.0 40.4

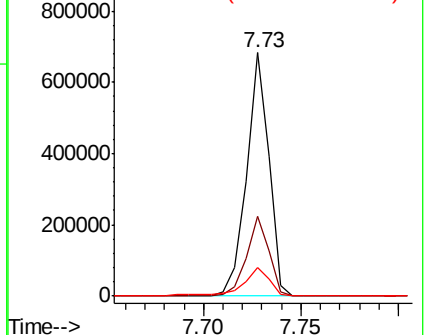
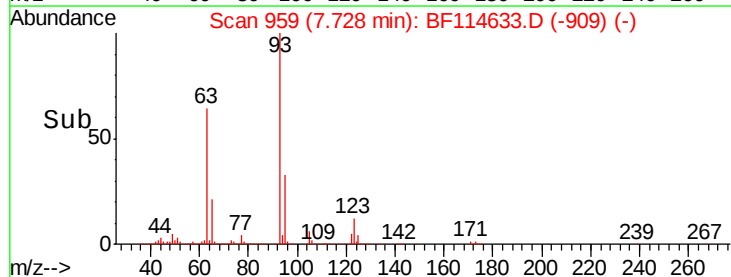
123 11.6 10.2 15.2

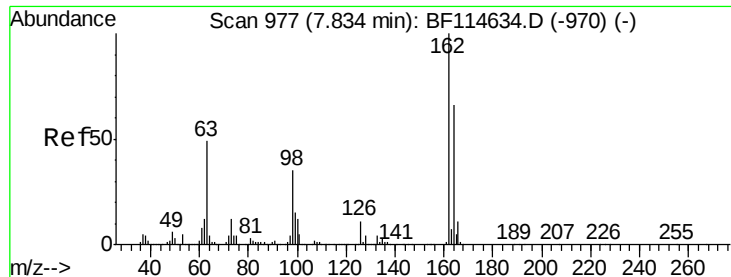


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 21.888 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.01 min

Lab File: BF114633.D

Acq: 29 May 2019 14:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

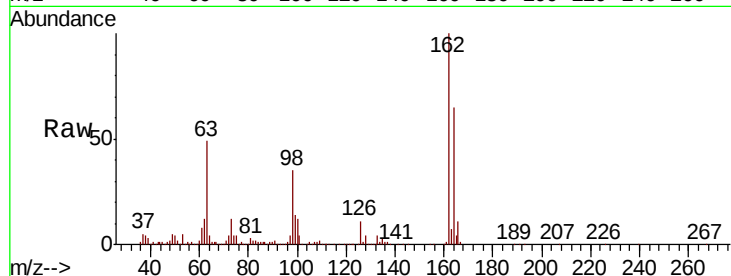
Tot Ion:162 Resp: 362370

Ion Ratio Lower Upper

162 100

164 64.8 45.8 85.8

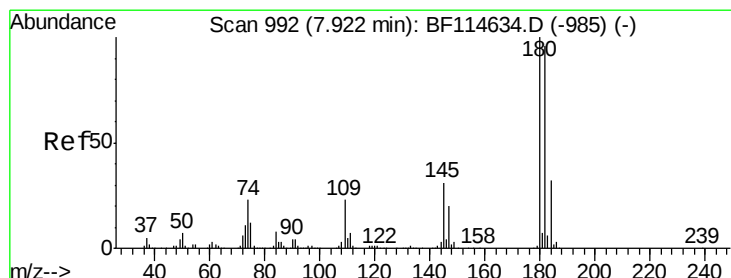
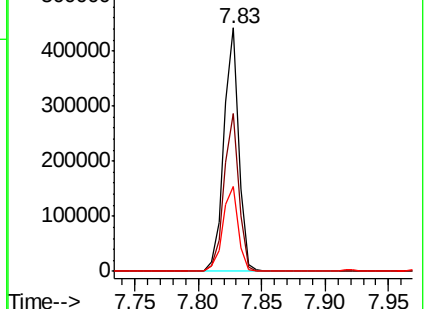
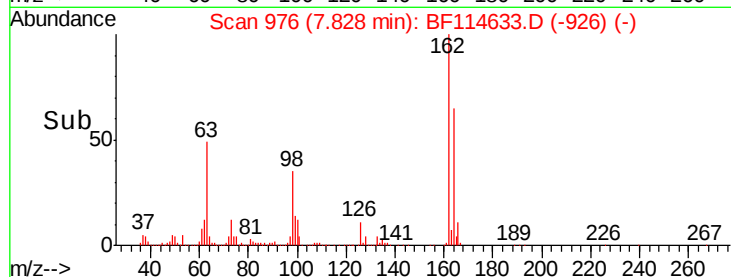
98 34.9 14.9 54.9



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 22.298 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.01 min

Lab File: BF114633.D

Acq: 29 May 2019 14:49

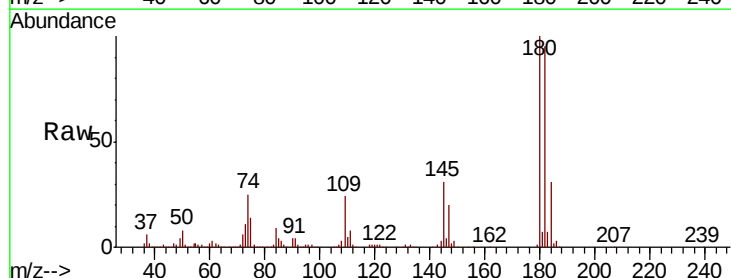
Tgt Ion:180 Resp: 419788

Ion Ratio Lower Upper

180 100

182 95.3 76.9 115.3

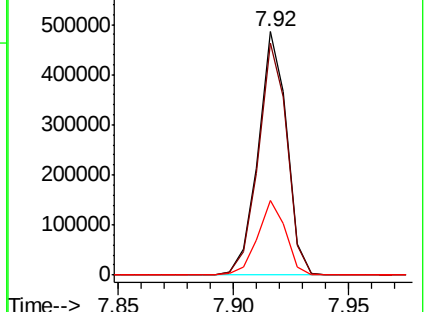
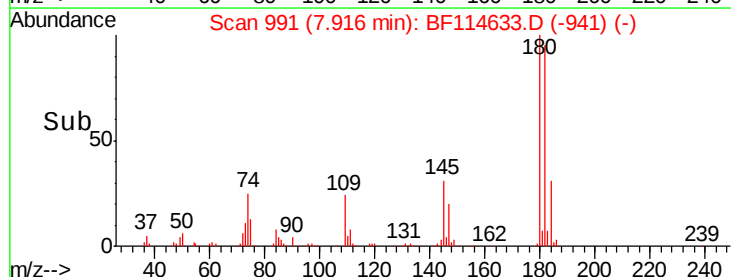
145 30.8 24.5 36.7

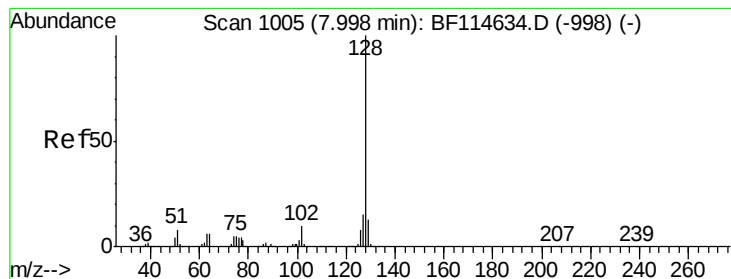


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 22.605 ng

RT: 8.00 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BF114633.D

Acq: 29 May 2019 14:49

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

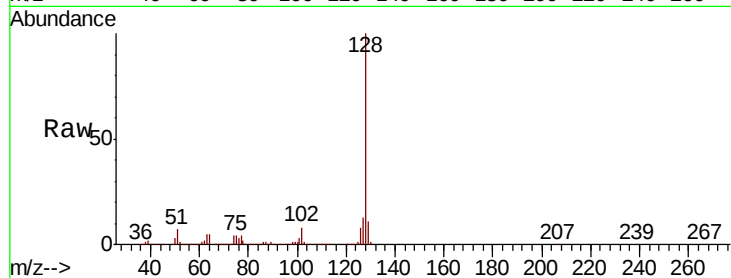
Tot Ion:128 Resp: 1269502

Ion Ratio Lower Upper

128 100

129 11.2 10.2 15.2

127 13.2 11.9 17.9

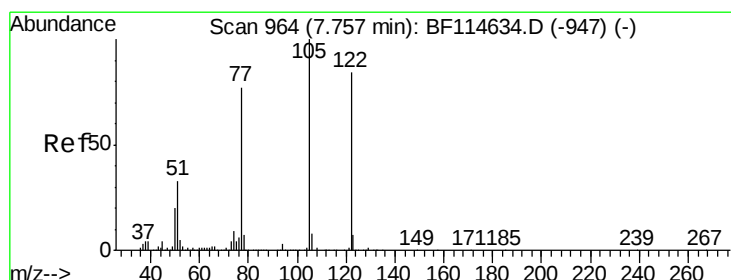
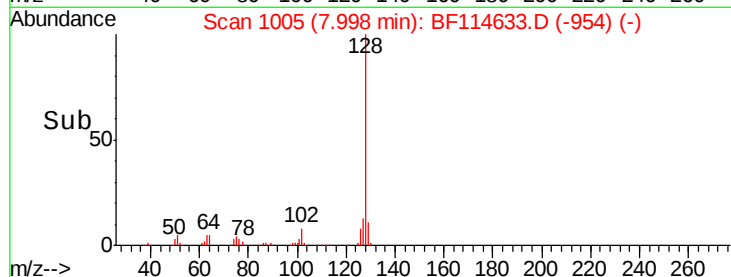
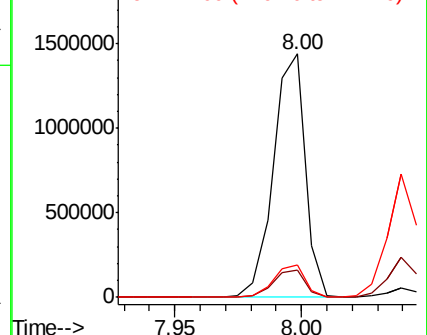


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 20.053 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.04 min

Lab File: BF114633.D

Acq: 29 May 2019 14:49

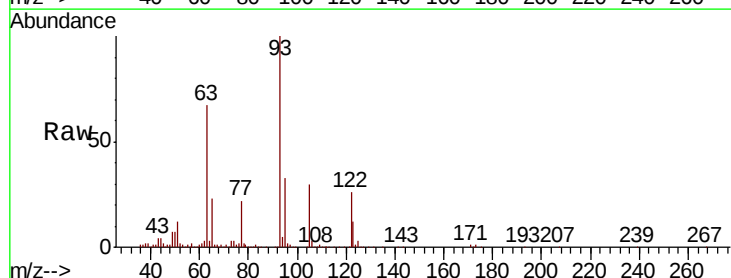
Tgt Ion:122 Resp: 218326

Ion Ratio Lower Upper

122 100

105 115.2 98.3 138.3

77 85.0 70.7 110.7

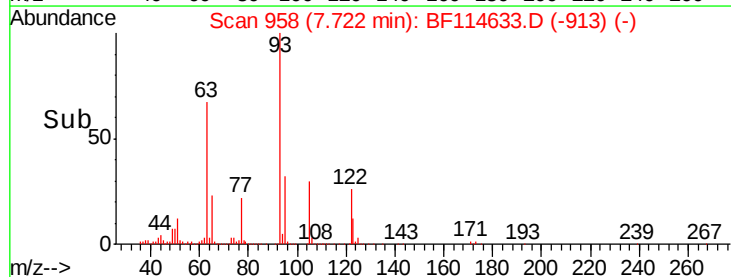
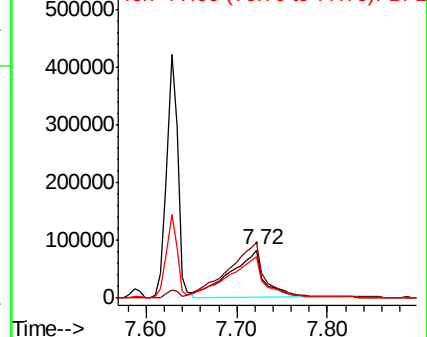


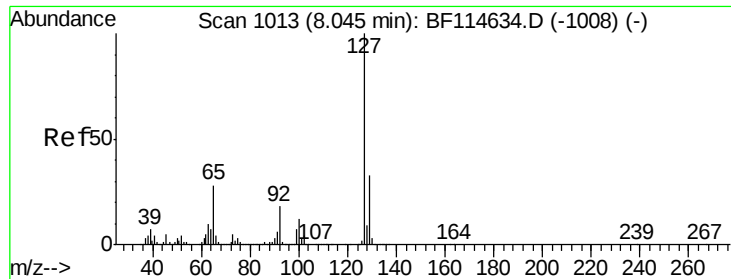
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

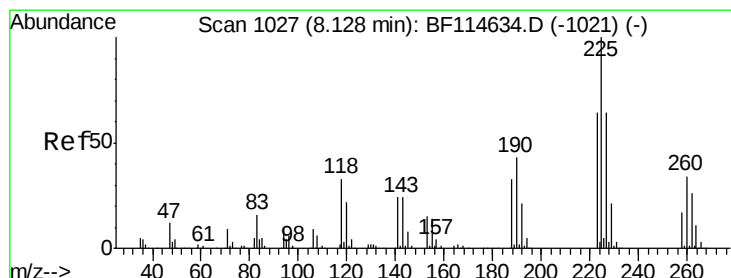
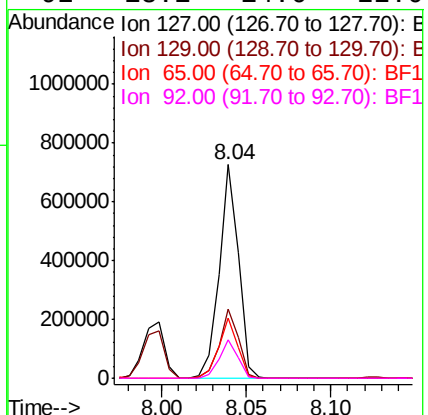
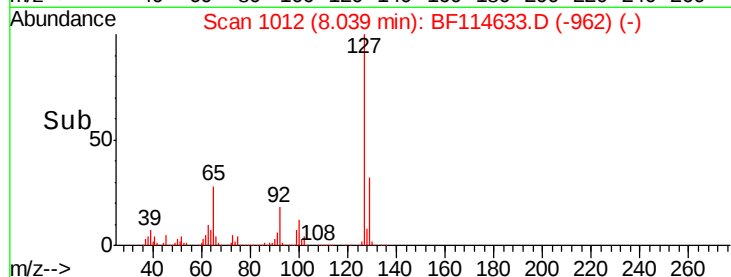
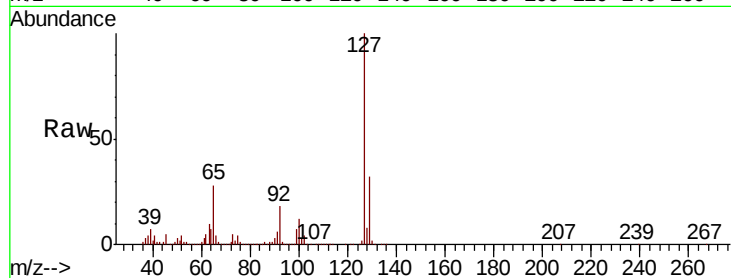




#33
4-Chloroaniline
Concen: 22.631 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF114633.D
Acq: 29 May 2019 14:49

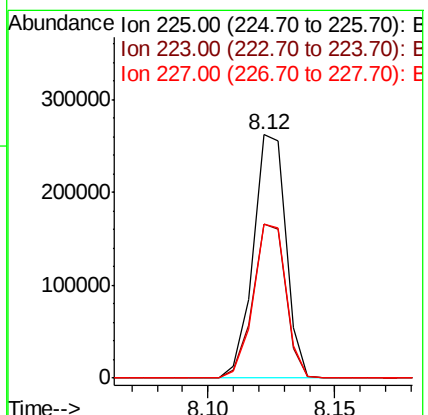
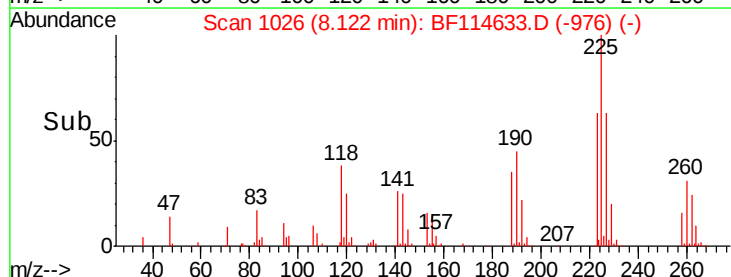
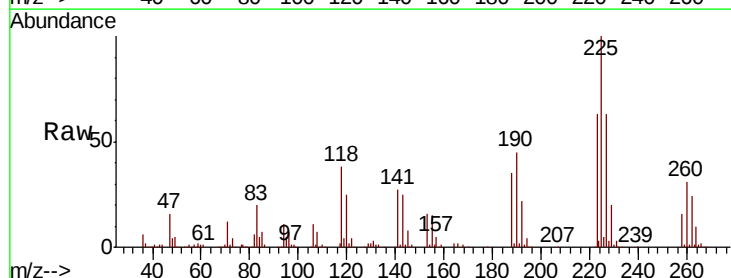
Instrument :
BNA_F
ClientSampleId :
SSTDIC020

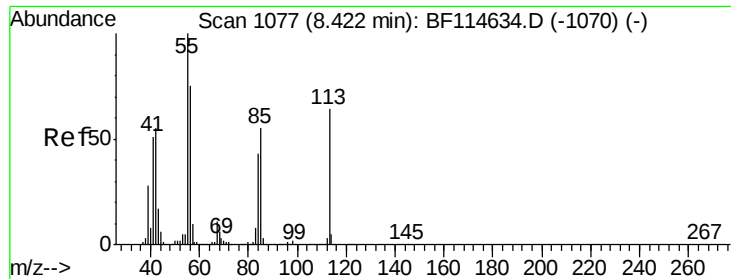
Tot Ion:	127	Resp:	579157
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.7	40.1
65	28.1	22.5	33.7
92	18.1	14.6	22.0



#34
Hexachlorobutadiene
Concen: 22.142 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF114633.D
Acq: 29 May 2019 14:49

Tgt Ion:	225	Resp:	237178
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.9	76.3
227	63.4	51.3	76.9

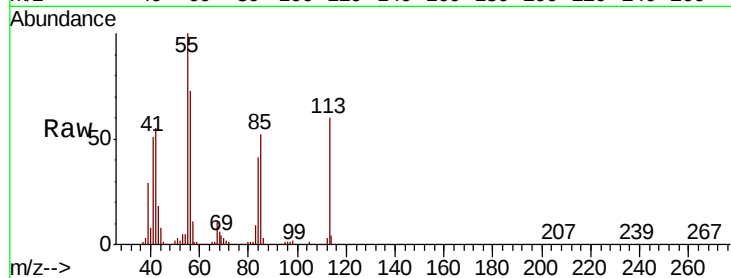




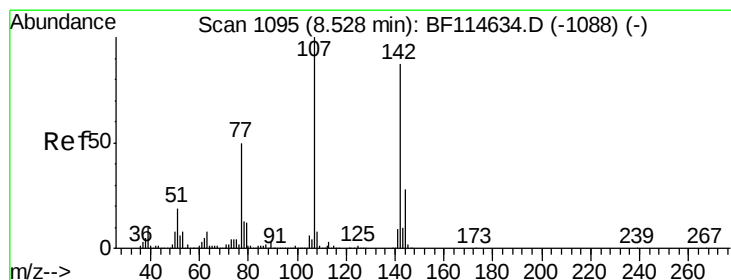
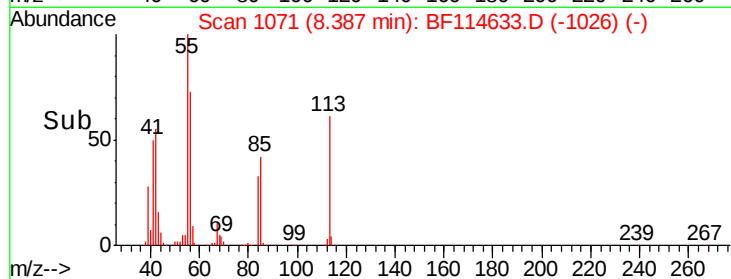
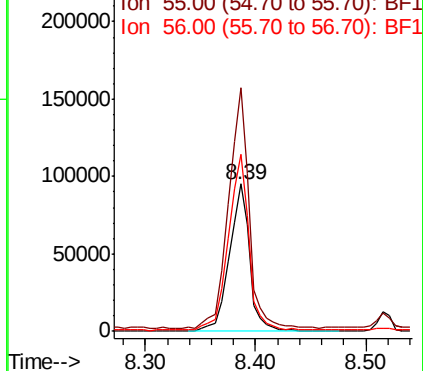
#35
 Caprolactam
 Concen: 22.620 ng
 RT: 8.39 min Scan# 1071
 Delta R.T. -0.04 min
 Lab File: BF114633.D
 Acq: 29 May 2019 14:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Tot Ion:113 Resp: 122109
 Ion Ratio Lower Upper
 113 100
 55 165.4 136.4 176.4
 56 120.6 97.0 137.0

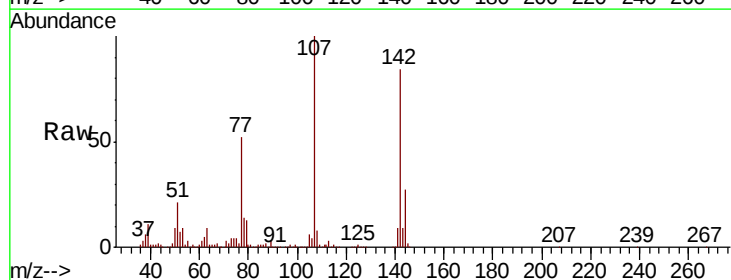


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

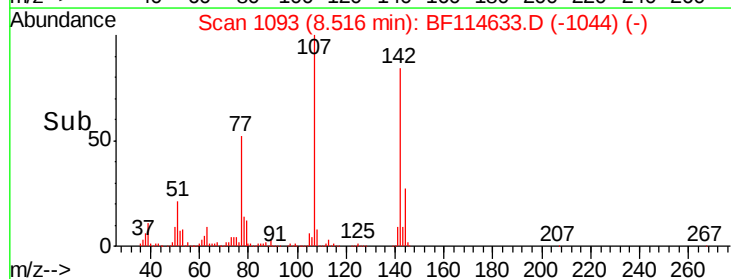
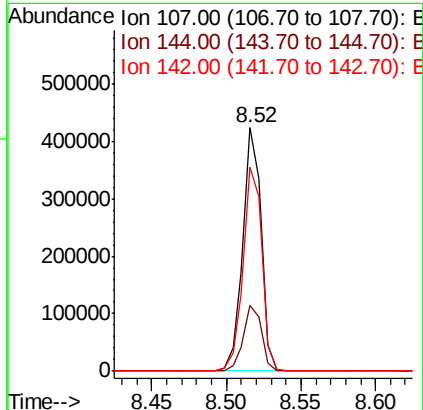


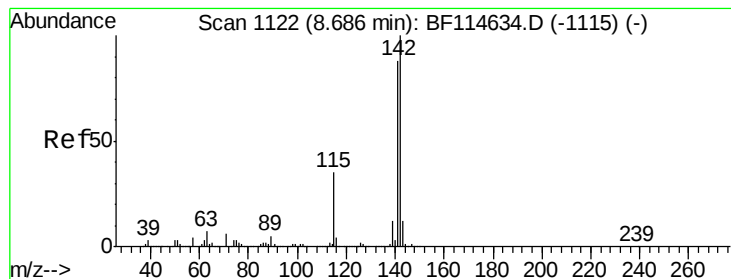
#36
 4-Chloro-3-methylphenol
 Concen: 21.876 ng
 RT: 8.52 min Scan# 1093
 Delta R.T. -0.01 min
 Lab File: BF114633.D
 Acq: 29 May 2019 14:49

Tgt Ion:107 Resp: 364555
 Ion Ratio Lower Upper
 107 100
 144 26.7 22.5 33.7
 142 83.9 69.8 104.6



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 23.508 ng

RT: 8.69 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BF114633.D

Acq: 29 May 2019 14:49

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

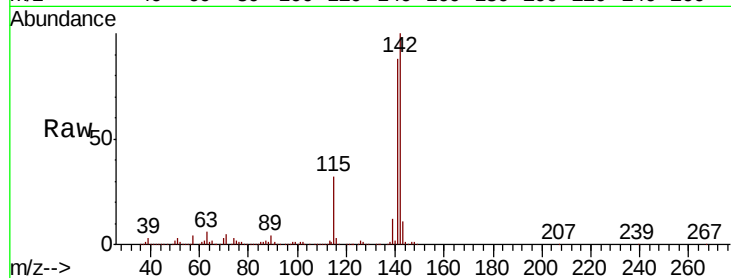
Tot Ion:142 Resp: 851766

Ion Ratio Lower Upper

142 100

141 88.0 70.3 105.5

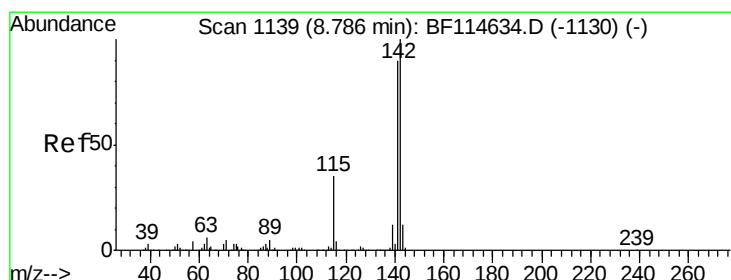
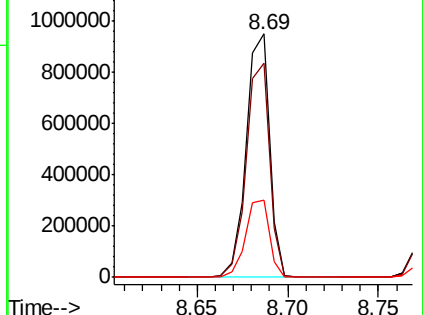
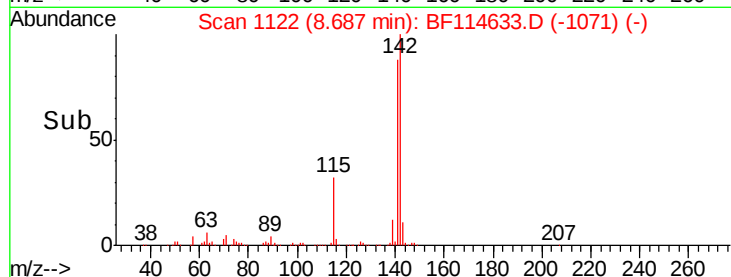
115 31.9 28.0 42.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 23.547 ng

RT: 8.78 min Scan# 1138

Delta R.T. -0.01 min

Lab File: BF114633.D

Acq: 29 May 2019 14:49

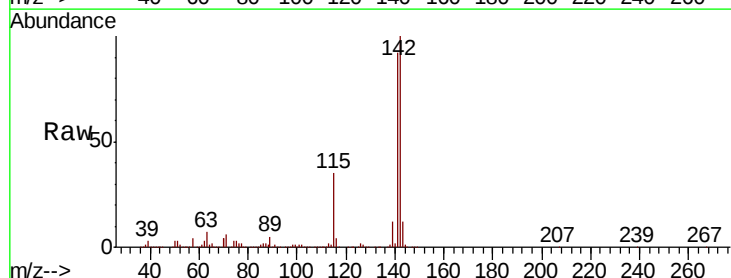
Tgt Ion:142 Resp: 803471

Ion Ratio Lower Upper

142 100

141 91.9 72.3 108.5

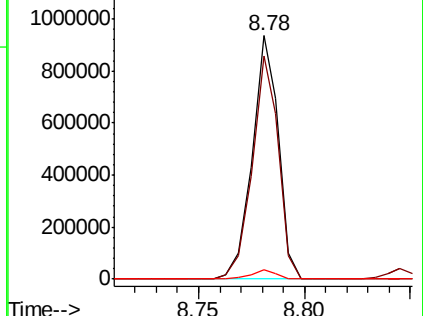
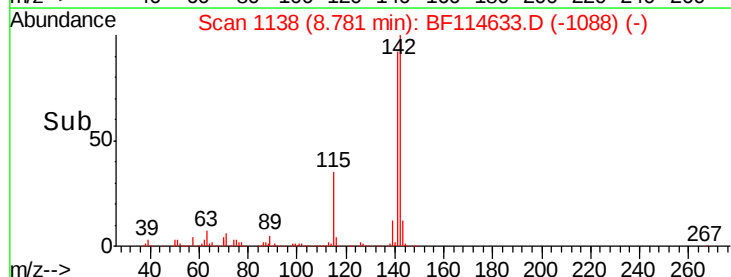
116 3.7 3.0 4.4

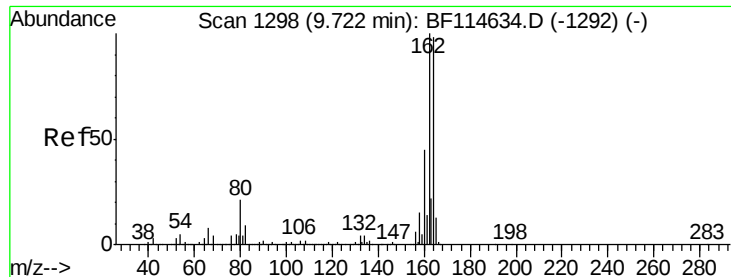


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

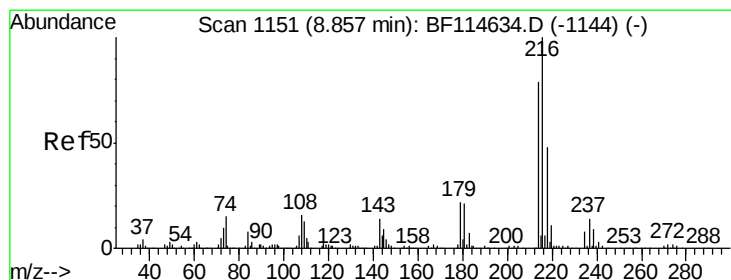
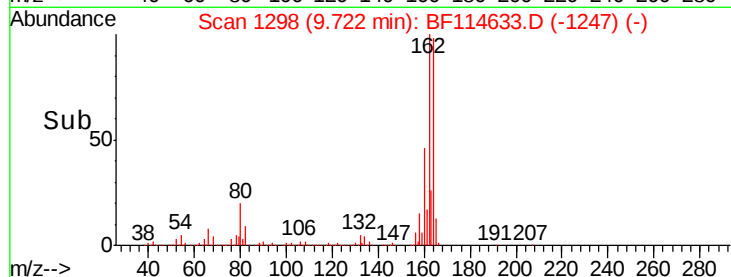
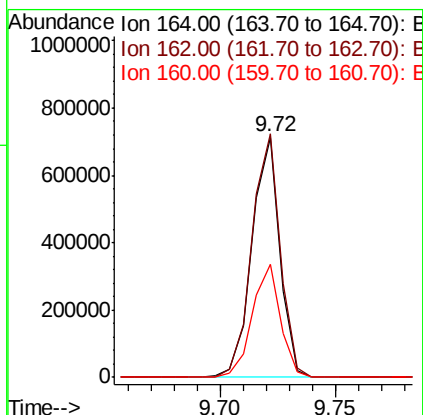
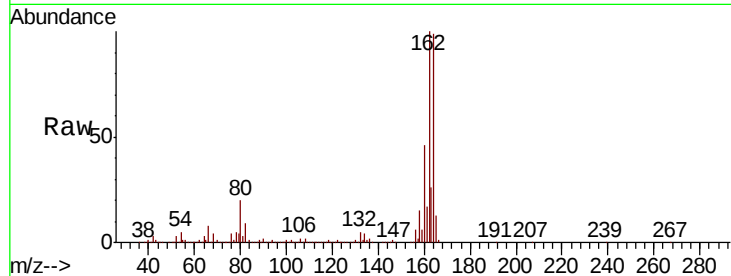




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BF114633.D
Acq: 29 May 2019 14:49

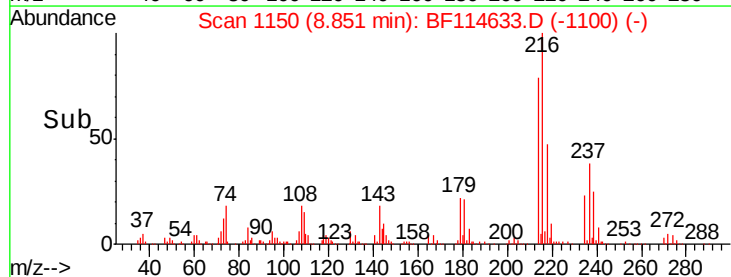
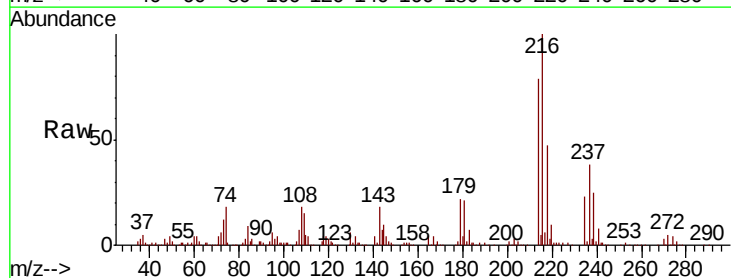
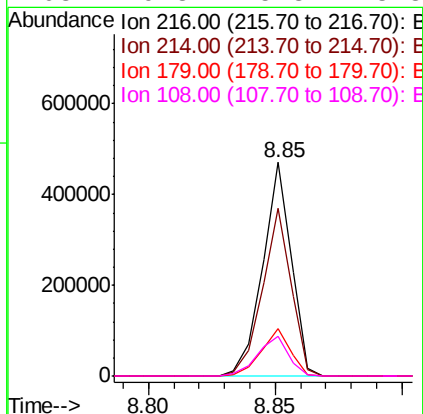
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

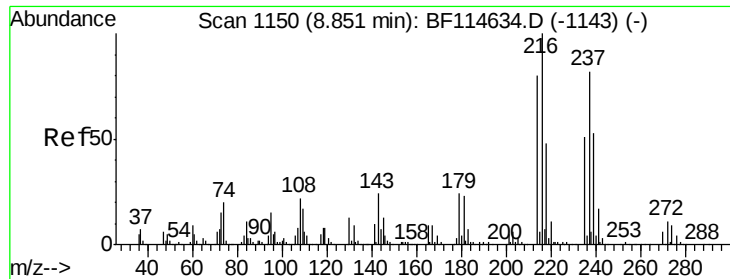
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.4	122.2
160	47.0	36.6	54.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 20.474 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF114633.D
Acq: 29 May 2019 14:49

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.2	94.8
179	22.3	17.9	26.9
108	19.8	15.8	23.8

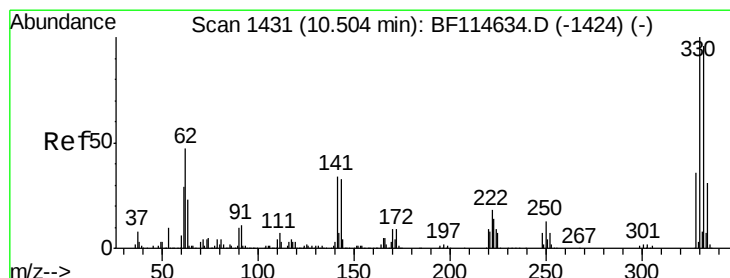
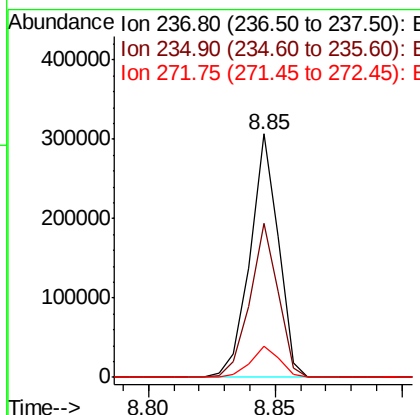
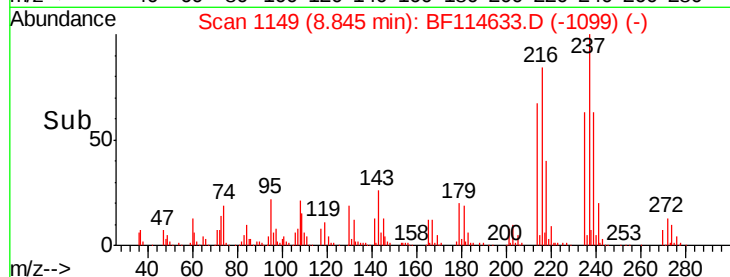
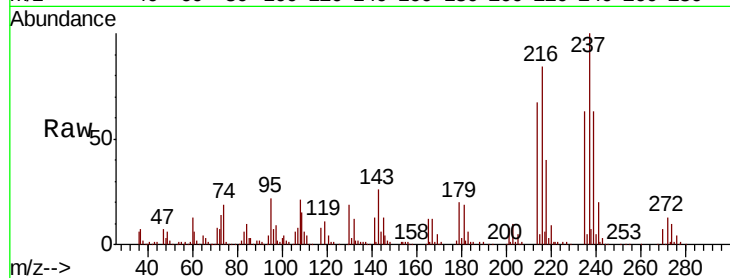




#41
Hexachlorocyclopentadiene
Concen: 31.013 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF114633.D
Acq: 29 May 2019 14:49

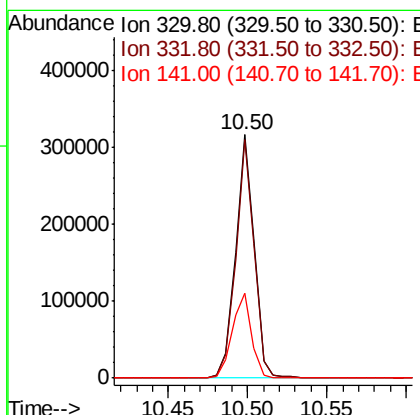
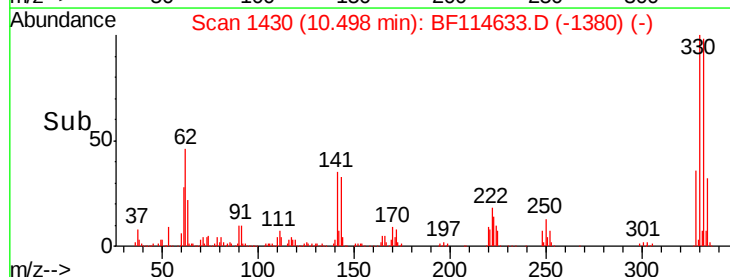
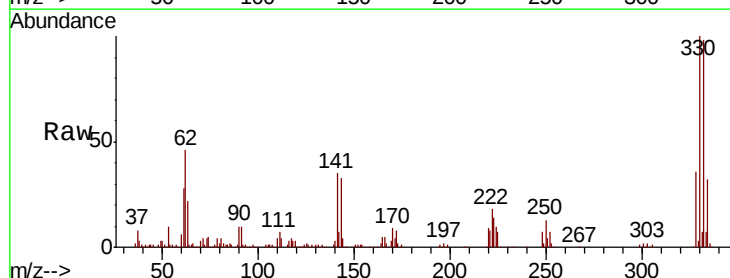
Instrument :
BNA_F
ClientSampleId :
SSTDIC020

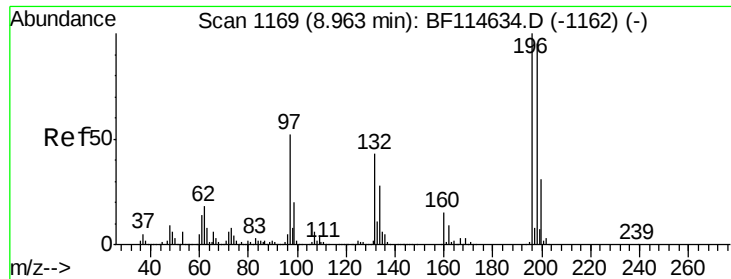
Tot Ion	Ratio	Lower	Upper
237	100		
235	63.3	42.8	82.8
272	12.7	0.0	33.7



#42
2,4,6-Tribromophenol
Concen: 41.469 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF114633.D
Acq: 29 May 2019 14:49

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	75.8	113.8
141	36.3	27.8	41.8

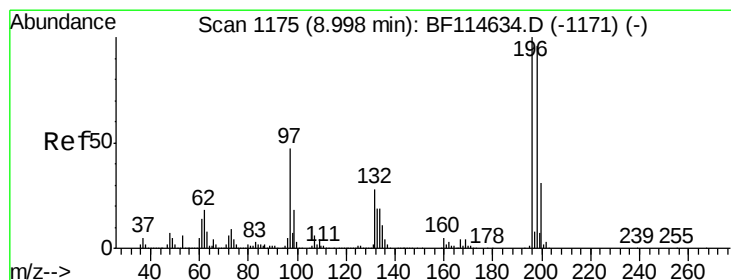
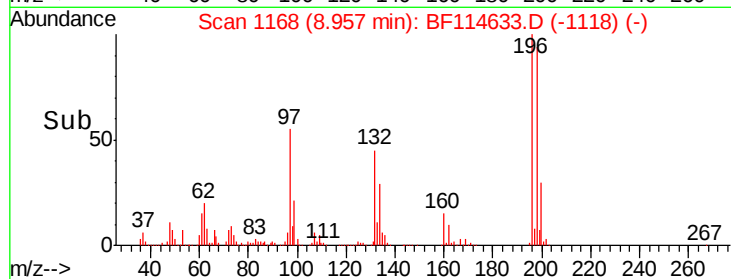
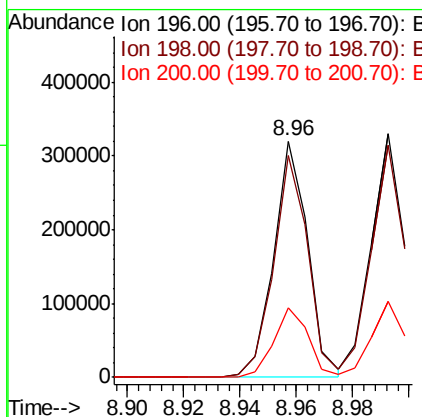
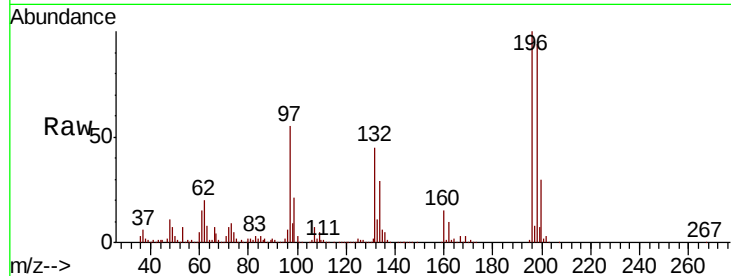




#43
 2,4,6-Trichlorophenol
 Concen: 21.298 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BF114633.D
 Acq: 29 May 2019 14:49

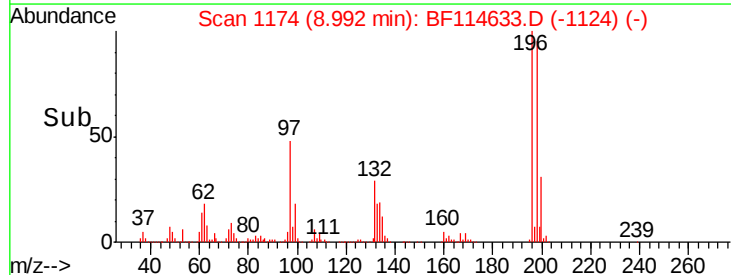
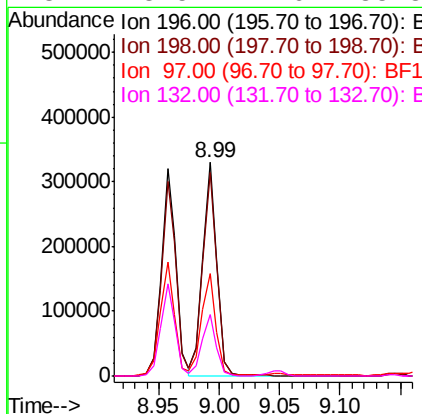
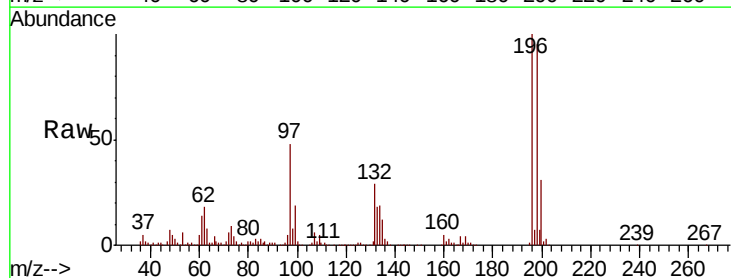
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

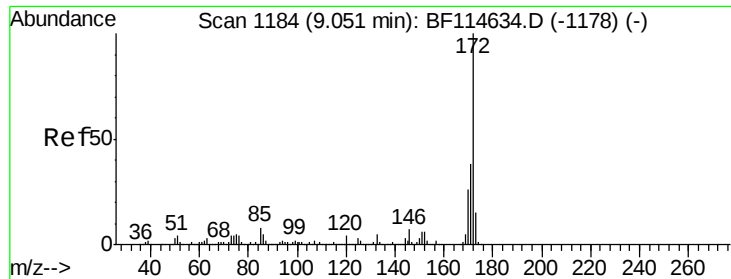
Tot Ion:196 Resp: 267288
 Ion Ratio Lower Upper
 196 100
 198 93.8 76.1 114.1
 200 29.6 24.7 37.1



#44
 2,4,5-Trichlorophenol
 Concen: 21.021 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: BF114633.D
 Acq: 29 May 2019 14:49

Tgt Ion:196 Resp: 270544
 Ion Ratio Lower Upper
 196 100
 198 95.1 76.8 115.2
 97 48.0 37.8 56.8
 132 28.5 22.6 33.8

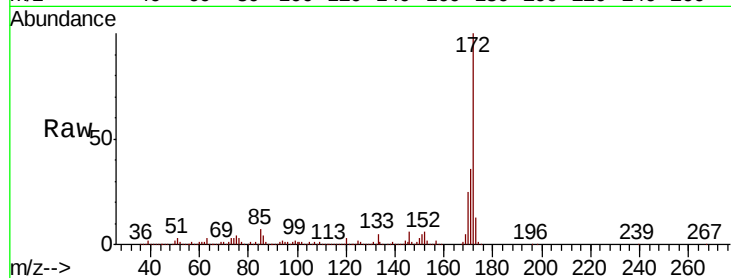




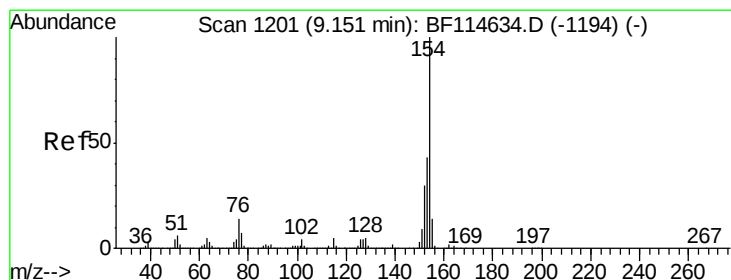
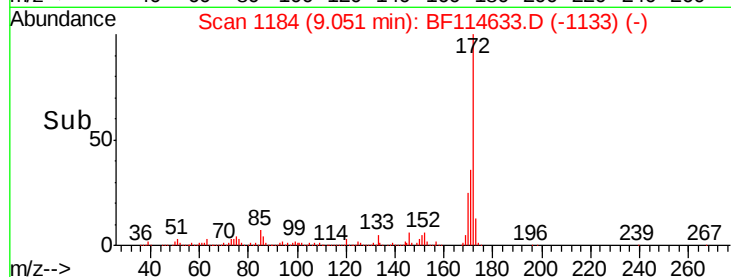
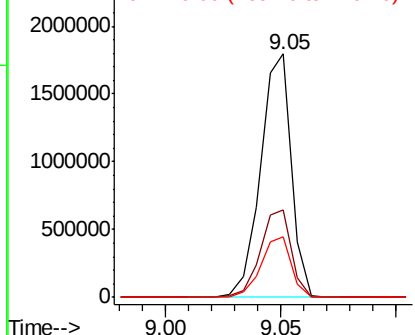
#45
2-Fluorobiphenyl
Concen: 41.849 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF114633.D
Acq: 29 May 2019 14:49

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion:172 Resp: 1666349
Ion Ratio Lower Upper
172 100
171 36.1 30.6 45.8
170 24.8 20.7 31.1

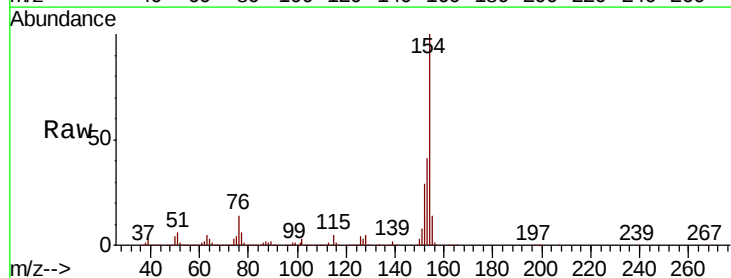


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

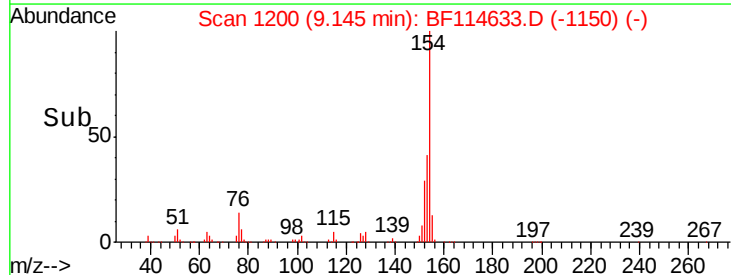
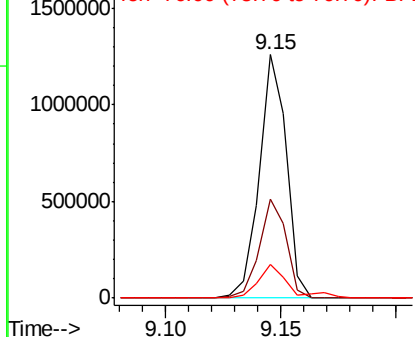


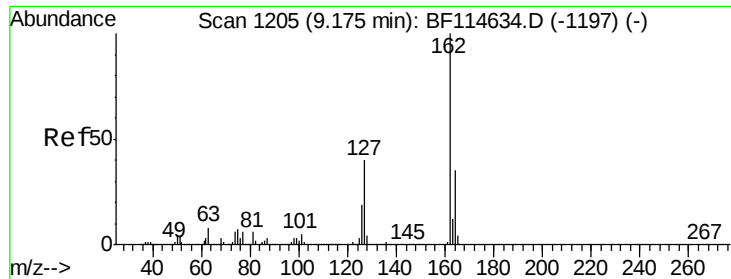
#46
1,1'-Biphenyl
Concen: 21.147 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF114633.D
Acq: 29 May 2019 14:49

Tgt Ion:154 Resp: 1029005
Ion Ratio Lower Upper
154 100
153 40.6 23.0 63.0
76 14.1 0.0 33.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

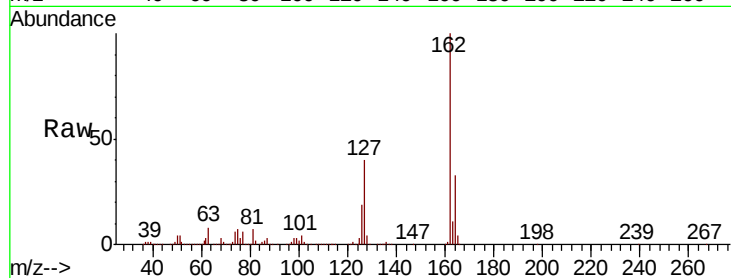




#47
2-Chloronaphthalene
Concen: 21.551 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF114633.D
Acq: 29 May 2019 14:49

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.5	32.2	48.2
164	33.4	27.8	41.6

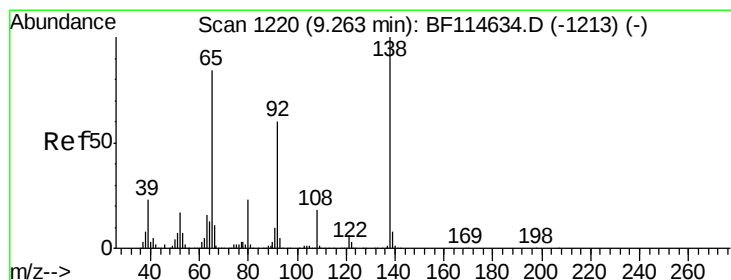
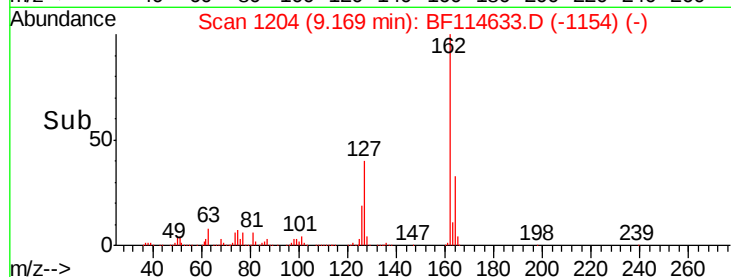
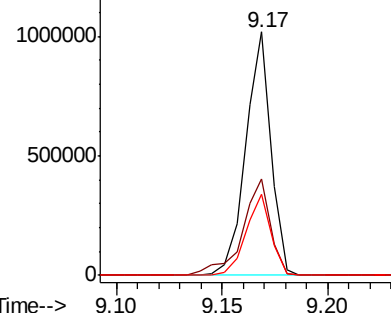


Abundance

Ion 162.00 (161.70 to 162.70): E

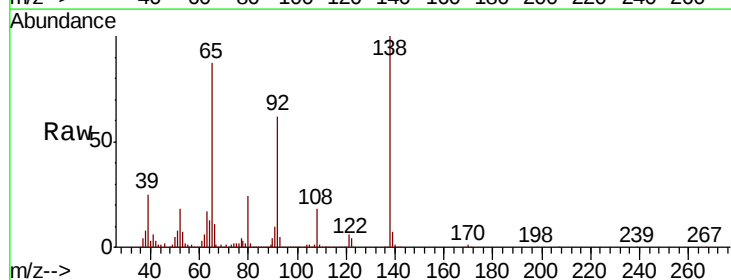
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 17.114 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF114633.D
Acq: 29 May 2019 14:49

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.3	57.1	85.7
138	115.5	95.8	143.6

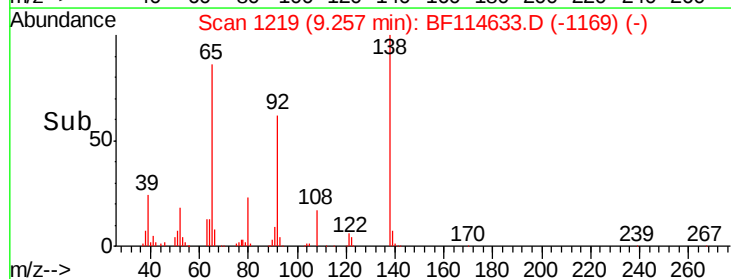
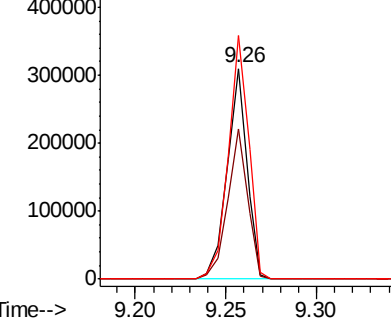


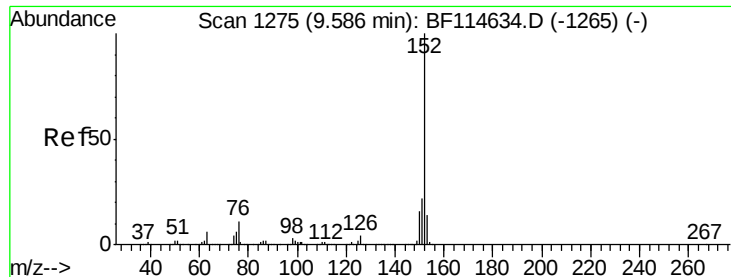
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 21.546 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF114633.D

Acq: 29 May 2019 14:49

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

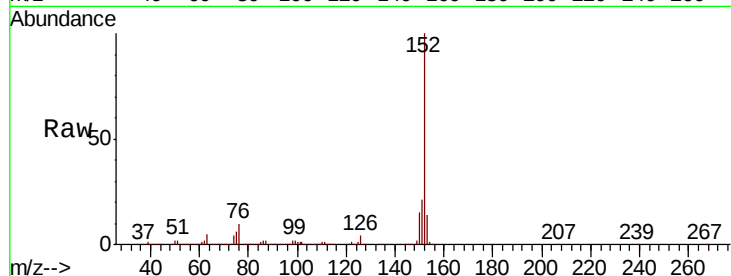
Tot Ion:152 Resp: 1283301

Ion Ratio Lower Upper

152 100

151 21.1 17.5 26.3

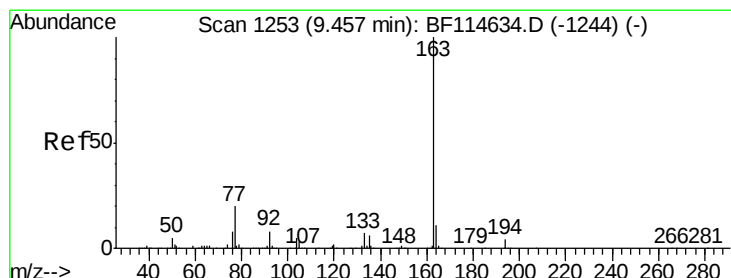
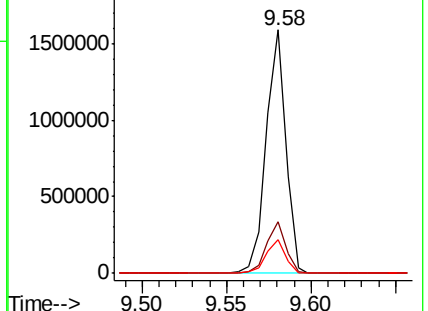
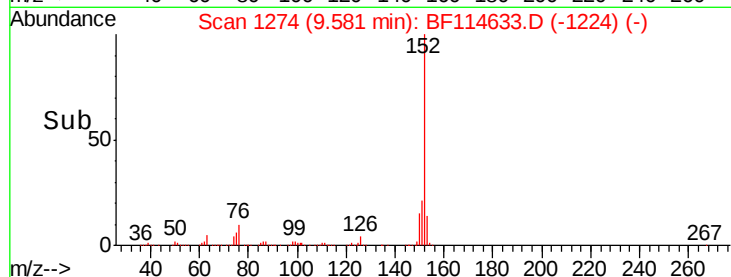
153 13.9 11.6 17.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 21.746 ng

RT: 9.45 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BF114633.D

Acq: 29 May 2019 14:49

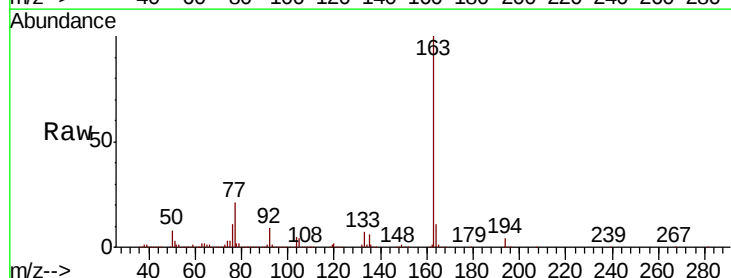
Tgt Ion:163 Resp: 961505

Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.0

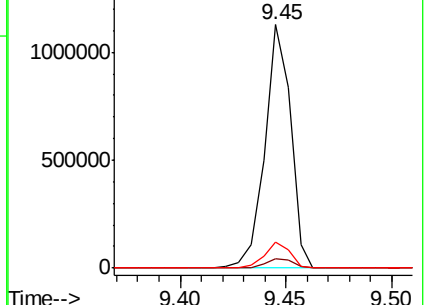
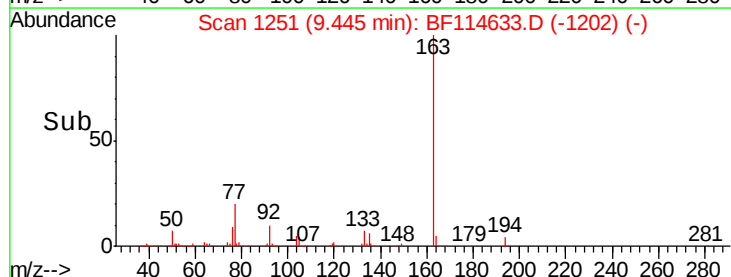
164 10.7 8.6 13.0

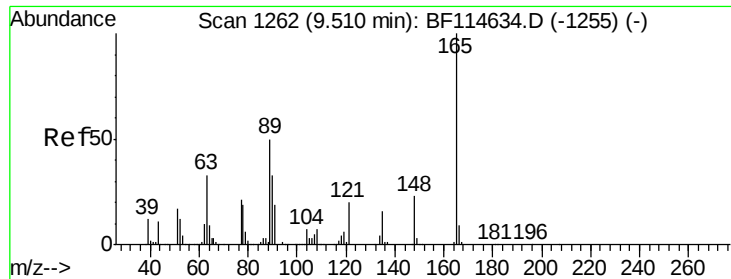


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 20.558 ng

RT: 9.50 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BF114633.D

Acq: 29 May 2019 14:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

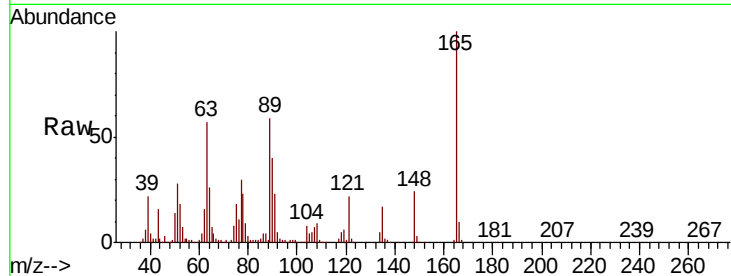
Tot Ion:165 Resp: 201609

Ion Ratio Lower Upper

165 100

63 57.2 36.6 54.8#

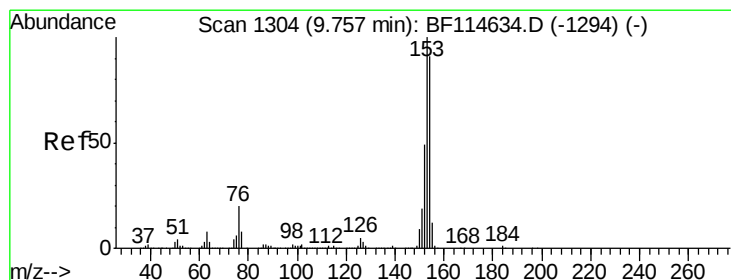
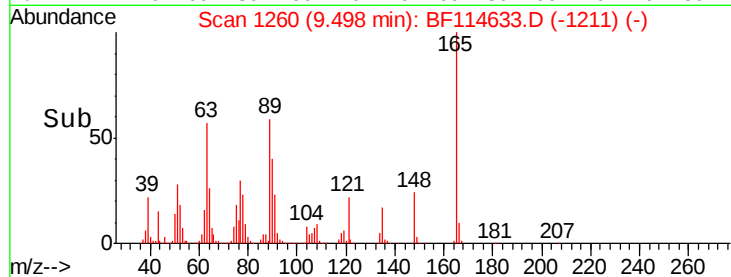
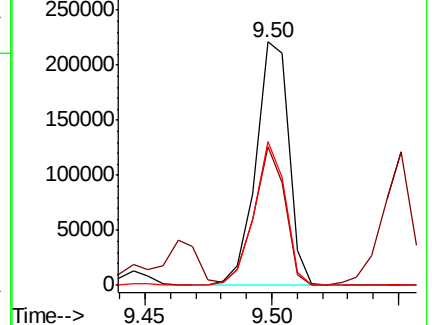
89 59.3 40.2 60.4



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 21.802 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF114633.D

Acq: 29 May 2019 14:49

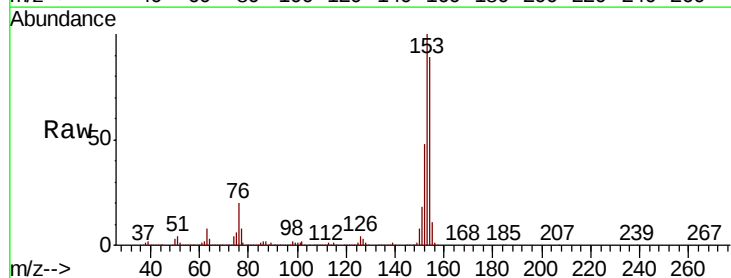
Tgt Ion:154 Resp: 796834

Ion Ratio Lower Upper

154 100

153 112.4 88.4 132.6

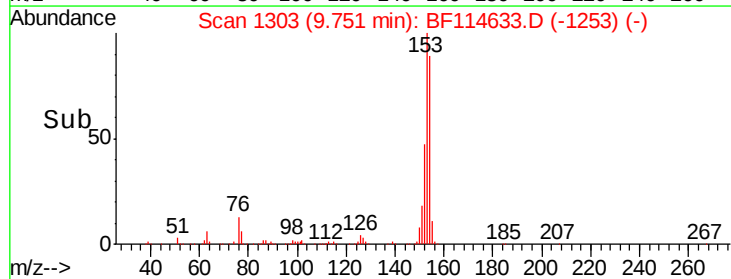
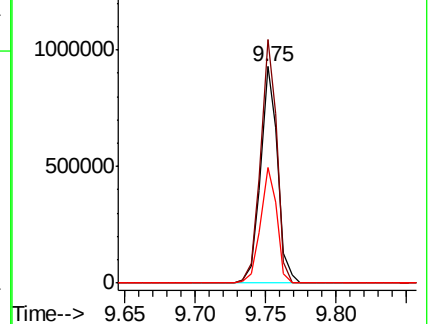
152 53.4 43.4 65.0

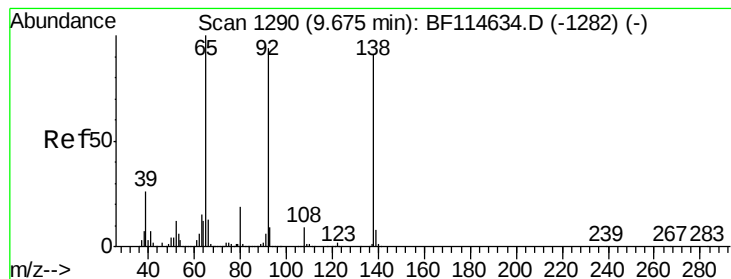


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 20.782 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF114633.D

Acq: 29 May 2019 14:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

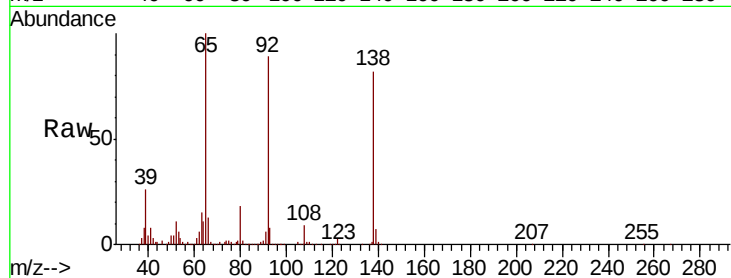
Tot Ion:138 Resp: 252998

Ion Ratio Lower Upper

138 100

108 11.1 8.3 12.5

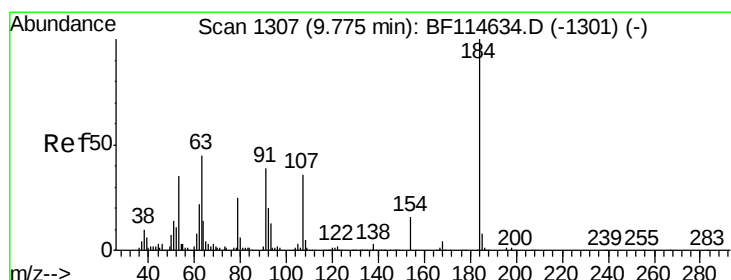
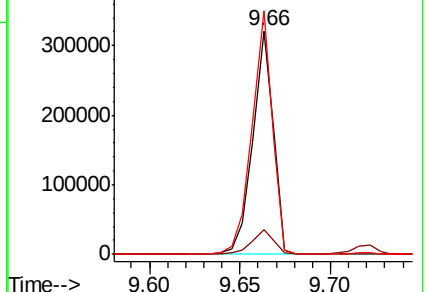
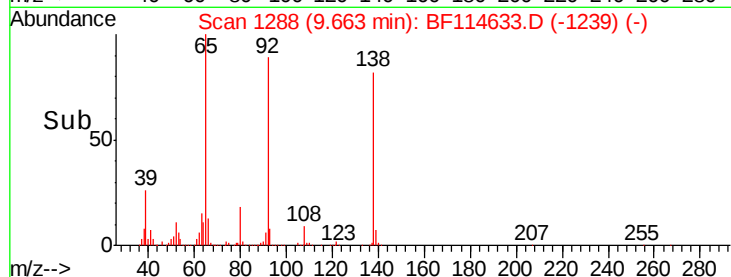
92 108.8 83.1 124.7



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 16.987 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF114633.D

Acq: 29 May 2019 14:49

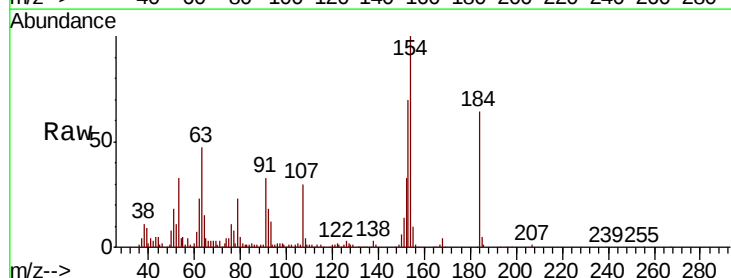
Tgt Ion:184 Resp: 66814

Ion Ratio Lower Upper

184 100

63 73.6 38.8 58.2#

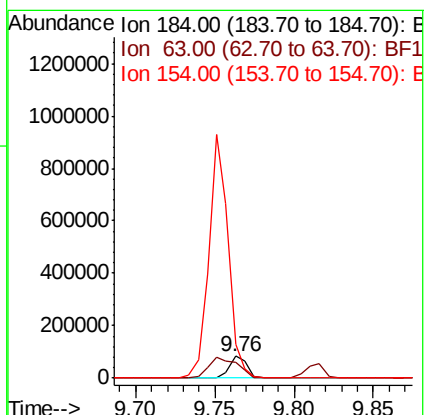
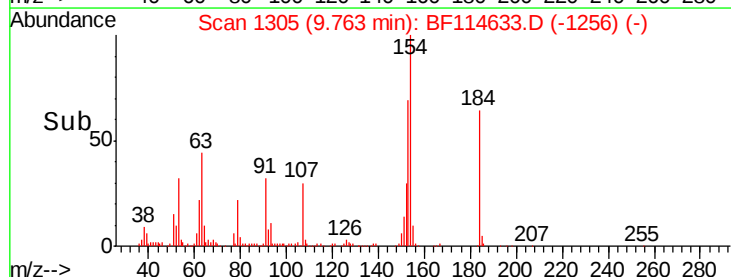
154 155.6 43.7 65.5#

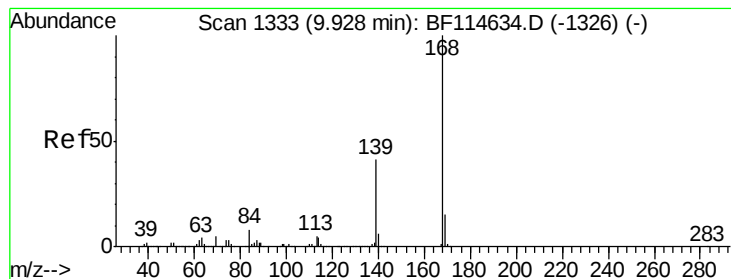


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 21.086 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF114633.D

Acq: 29 May 2019 14:49

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

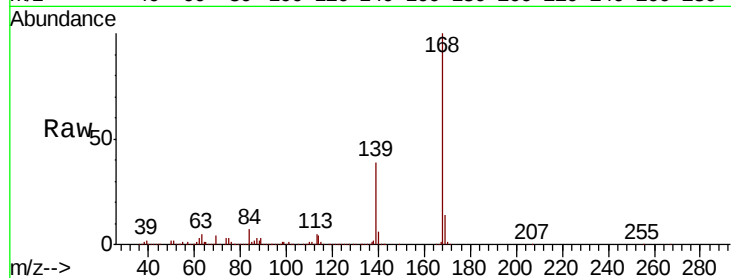
Tot Ion:168 Resp: 1130053

Ion Ratio Lower Upper

168 100

139 39.0 32.6 48.8

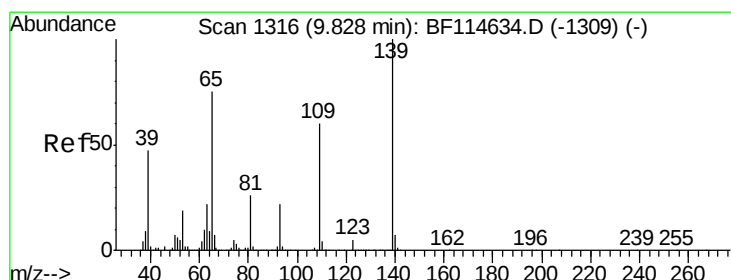
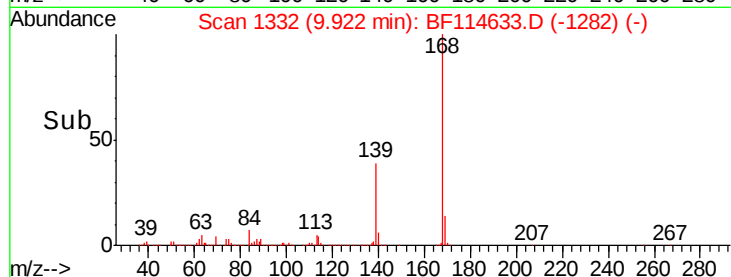
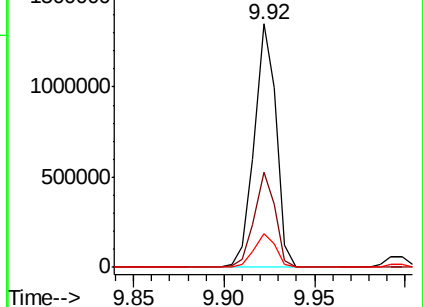
169 13.8 11.8 17.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 21.482 ng

RT: 9.82 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BF114633.D

Acq: 29 May 2019 14:49

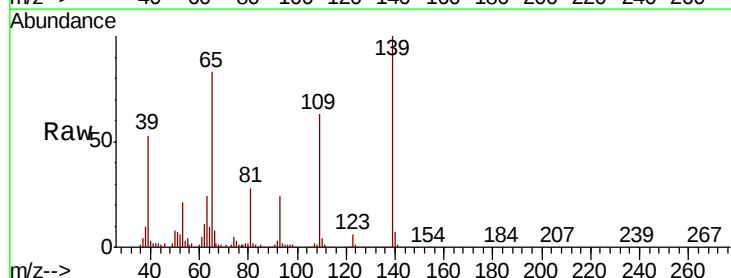
Tgt Ion:139 Resp: 184943

Ion Ratio Lower Upper

139 100

109 62.9 40.4 80.4

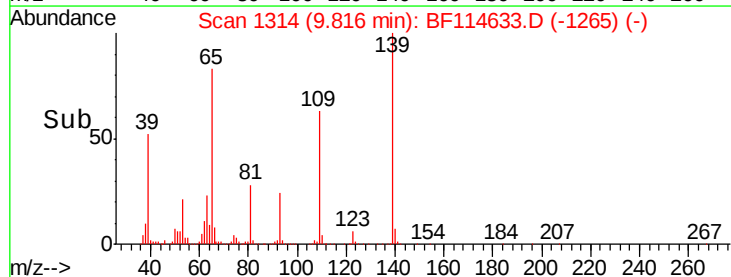
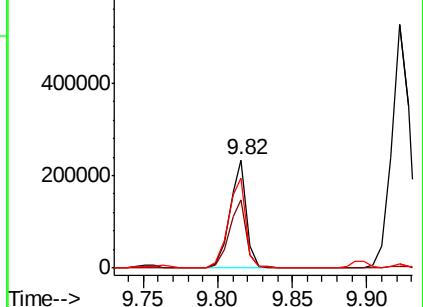
65 83.4 54.7 94.7

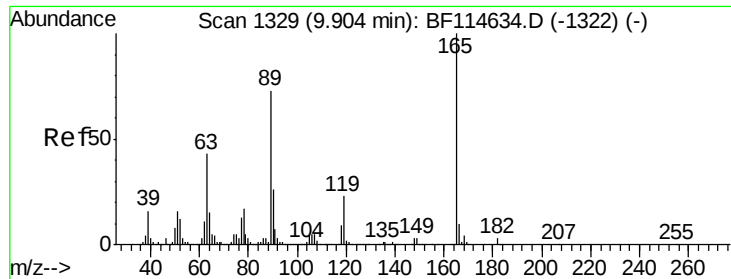


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

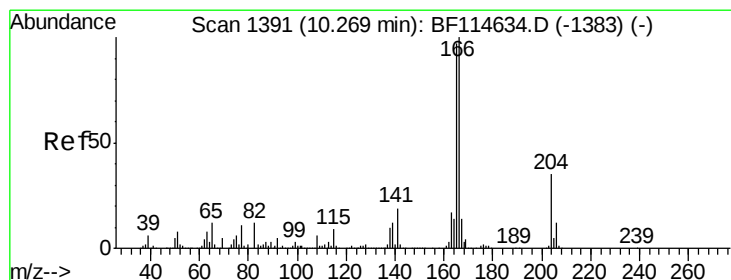
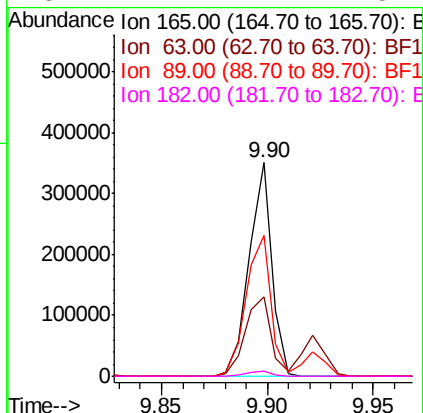
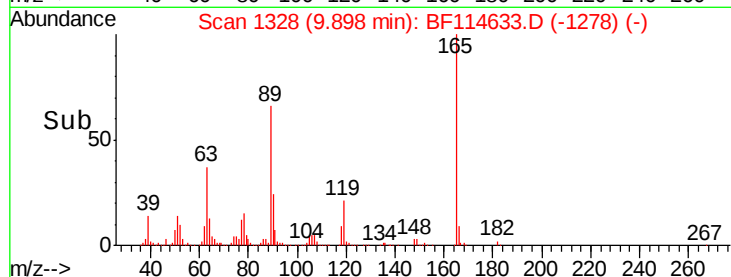
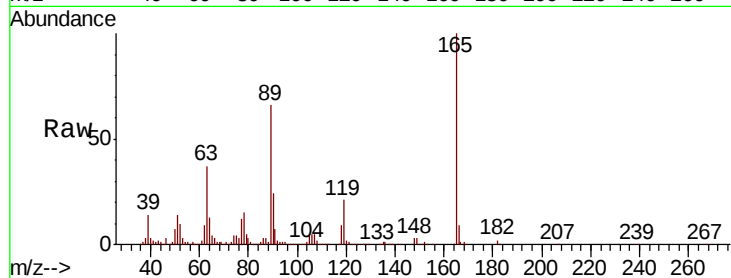




#57
2,4-Dinitrotoluene
Concen: 19.827 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF114633.D
Acq: 29 May 2019 14:49

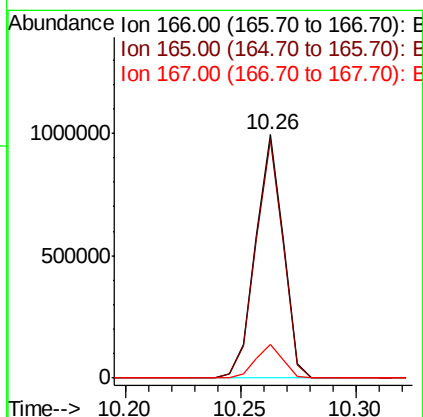
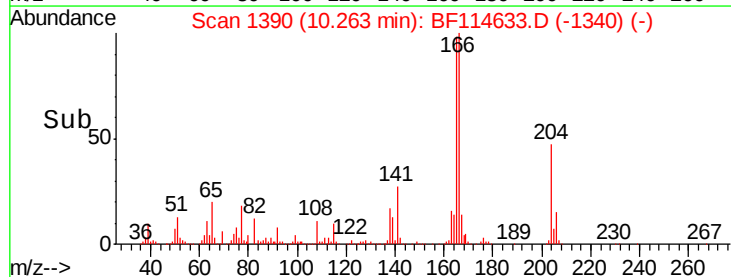
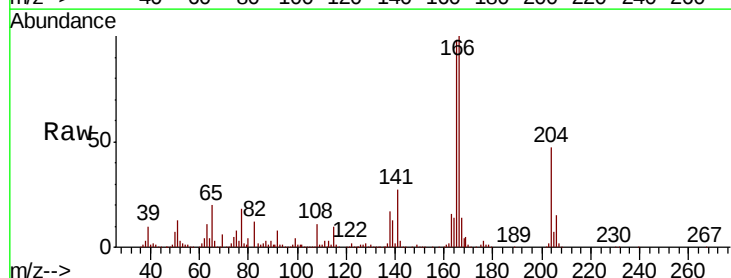
Instrument :
BNA_F
ClientSampleId :
SSTDIC020

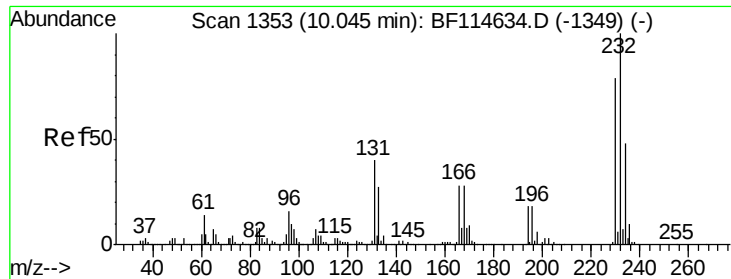
Tot Ion:	165	Resp:	263919
Ion	Ratio	Lower	Upper
165	100		
63	37.3	34.8	52.2
89	65.7	58.5	87.7
182	2.4	2.2	3.2



#58
Fluorene
Concen: 20.156 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF114633.D
Acq: 29 May 2019 14:49

Tgt Ion:	166	Resp:	834394
Ion	Ratio	Lower	Upper
166	100		
165	97.7	77.6	116.4
167	13.8	11.2	16.8

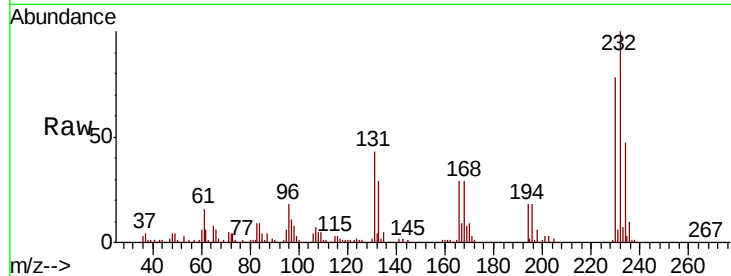




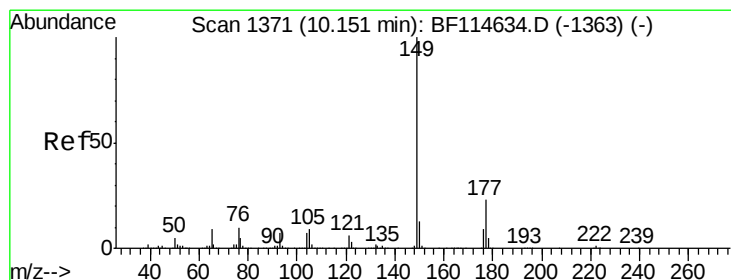
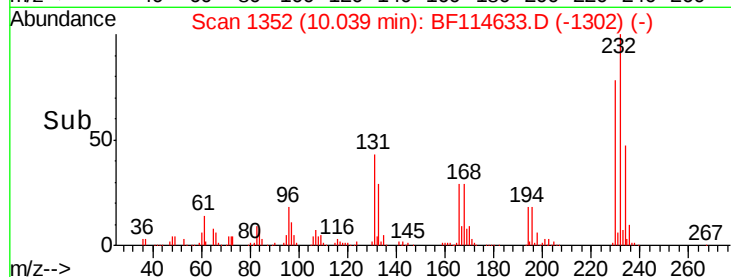
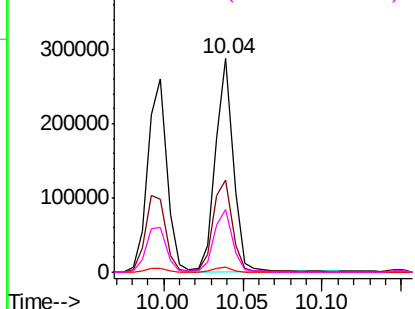
#59
2,3,4,6-Tetrachlorophenol
Concen: 20.273 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF114633.D
Acq: 29 May 2019 14:49

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion:	232	Resp:	225136
Ion	Ratio	Lower	Upper
232	100		
131	47.4	37.2	55.8
130	2.3	1.8	2.8
166	31.0	24.8	37.2

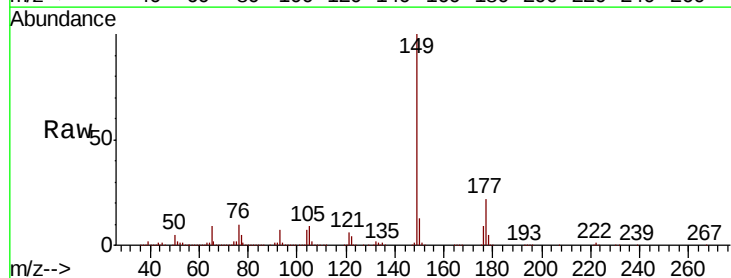


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

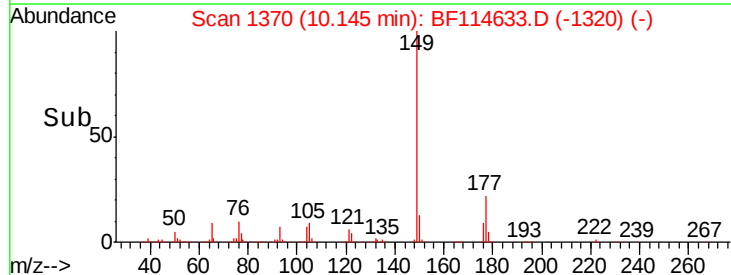
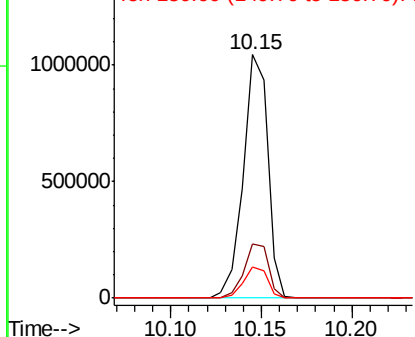


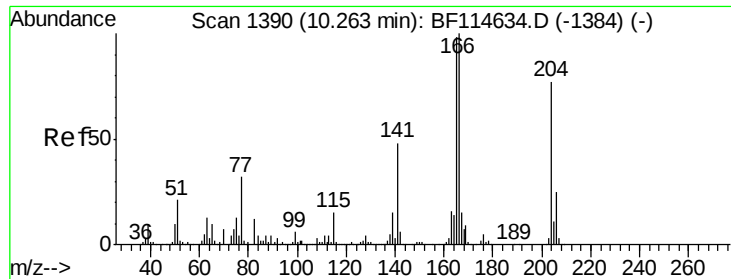
#60
Diethylphthalate
Concen: 21.802 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BF114633.D
Acq: 29 May 2019 14:49

Tgt Ion:	149	Resp:	979450
Ion	Ratio	Lower	Upper
149	100		
177	22.0	18.6	28.0
150	12.7	10.6	15.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

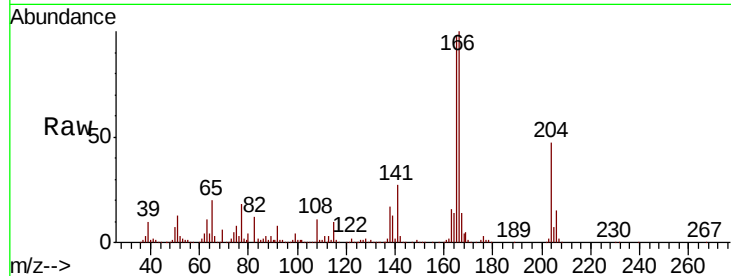




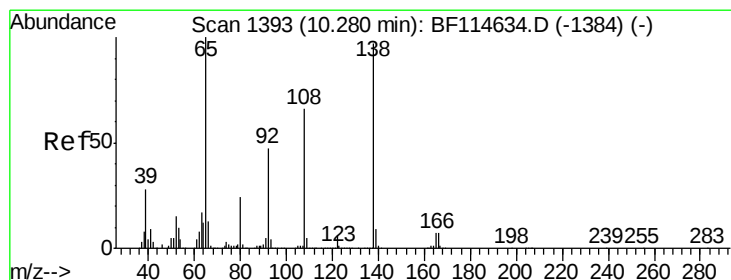
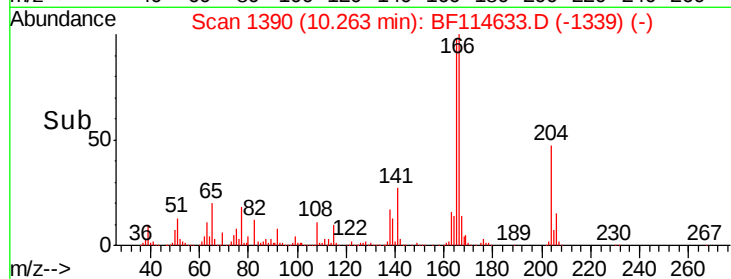
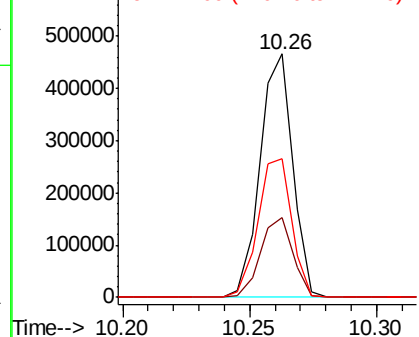
#61
4-Chlorophenyl-phenylether
Concen: 20.618 ng
RT: 10.26 min Scan# 1390
Delta R.T. 0.00 min
Lab File: BF114633.D
Acq: 29 May 2019 14:49

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion:204 Resp: 419189
Ion Ratio Lower Upper
204 100
206 32.8 26.4 39.6
141 57.0 50.0 75.0

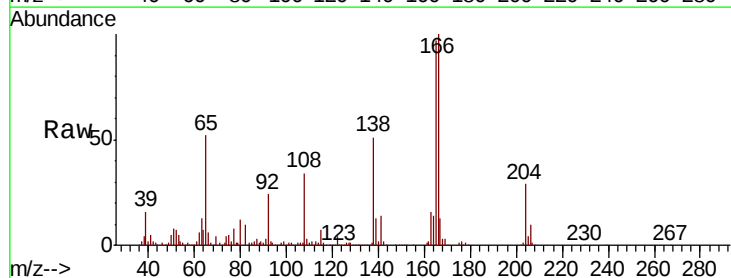


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

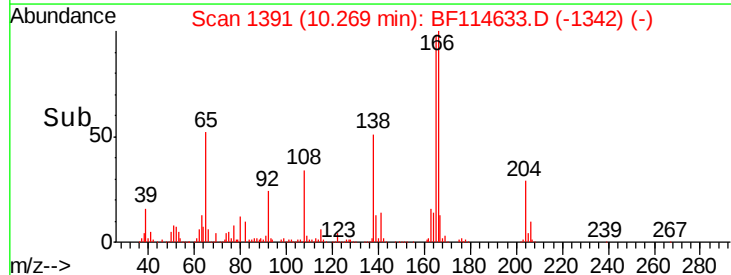
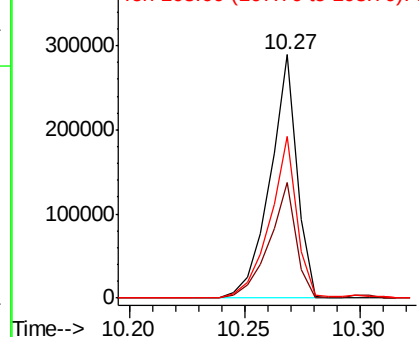


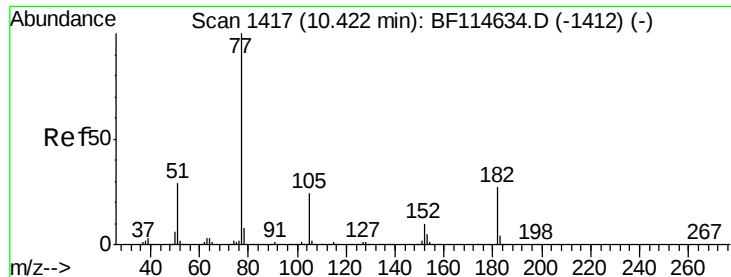
#62
4-Nitroaniline
Concen: 18.411 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BF114633.D
Acq: 29 May 2019 14:49

Tgt Ion:138 Resp: 235519
Ion Ratio Lower Upper
138 100
92 47.4 28.0 68.0
108 66.6 48.4 88.4



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 21.098 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BF114633.D

Acq: 29 May 2019 14:49

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

Tot Ion: 77 Resp: 917455

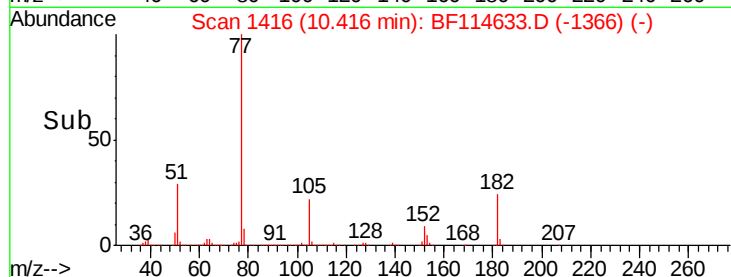
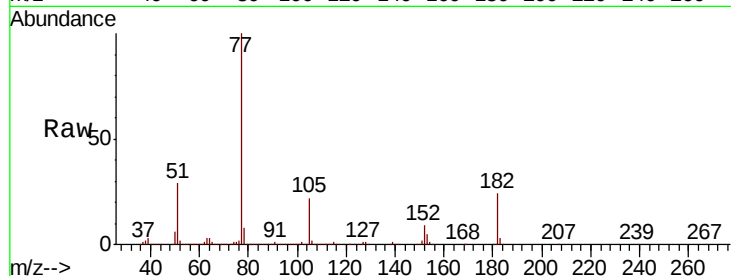
Ion Ratio Lower Upper

77 100

182 23.9 7.0 47.0

105 22.5 3.7 43.7

51 28.8 9.1 49.1

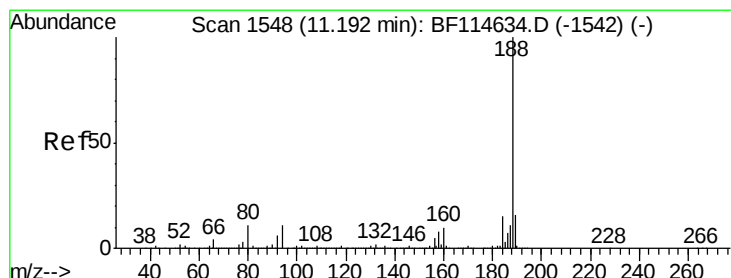
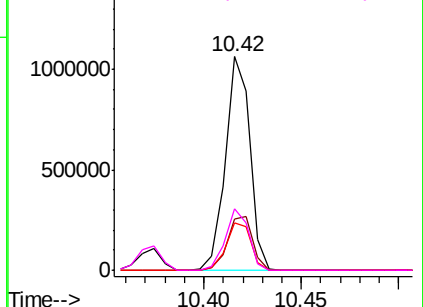


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.19 min Scan# 1548

Delta R.T. 0.00 min

Lab File: BF114633.D

Acq: 29 May 2019 14:49

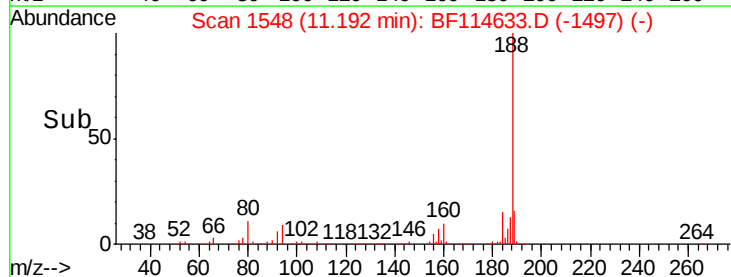
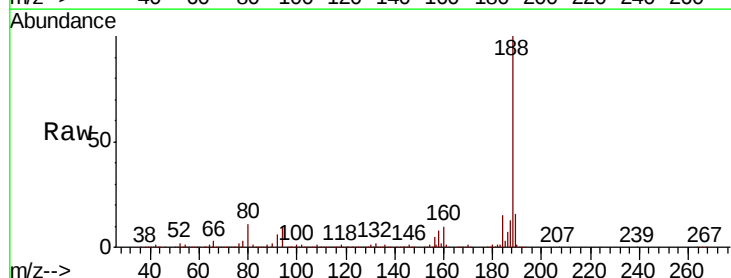
Tgt Ion: 188 Resp: 1196433

Ion Ratio Lower Upper

188 100

94 10.1 8.6 13.0

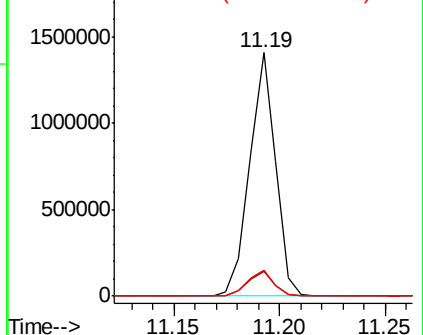
80 10.7 9.0 13.6

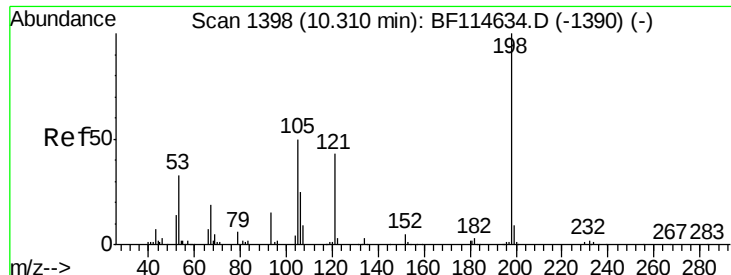


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

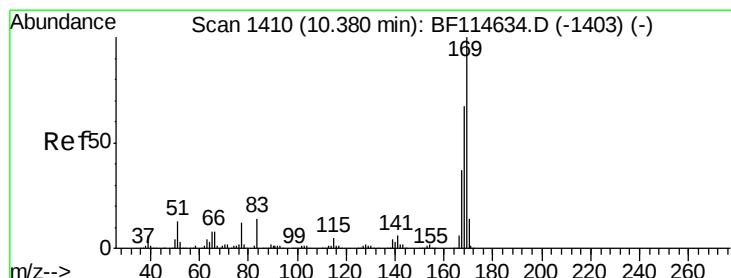
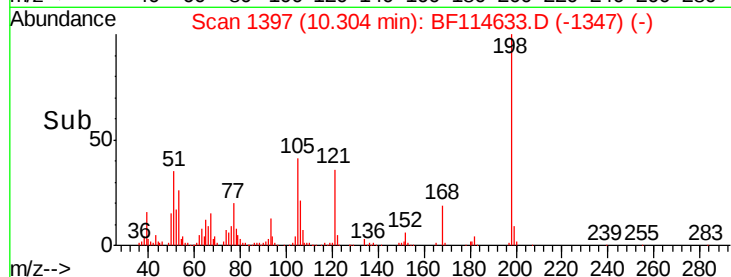
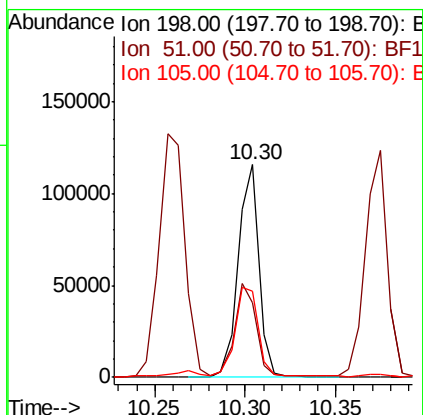
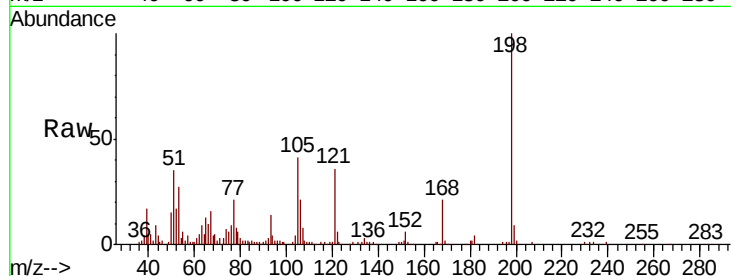




#65
4,6-Dinitro-2-methylphenol
Concen: 16.045 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF114633.D
Acq: 29 May 2019 14:49

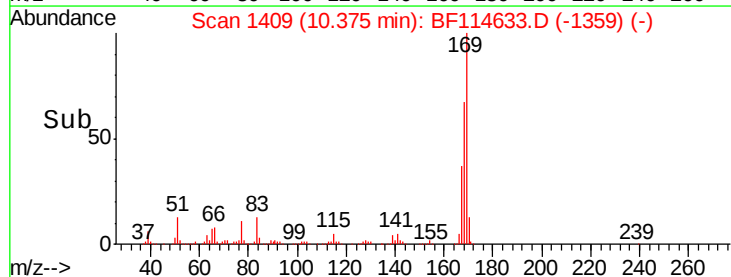
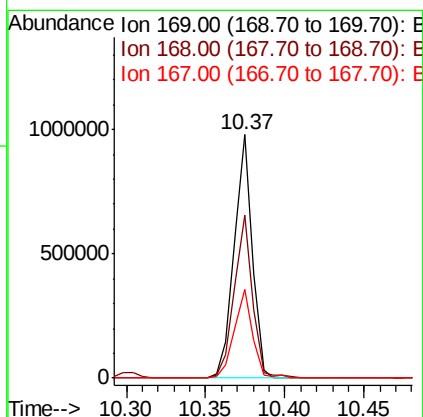
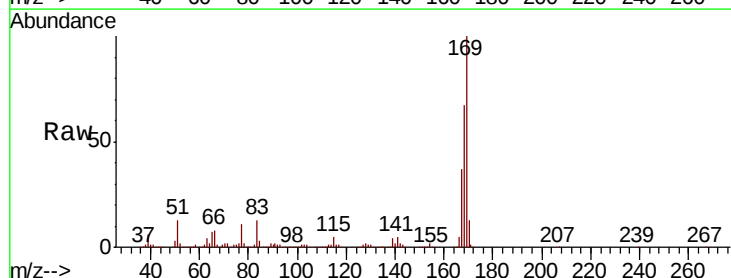
Instrument :
BNA_F
ClientSampleId :
SSTDIC020

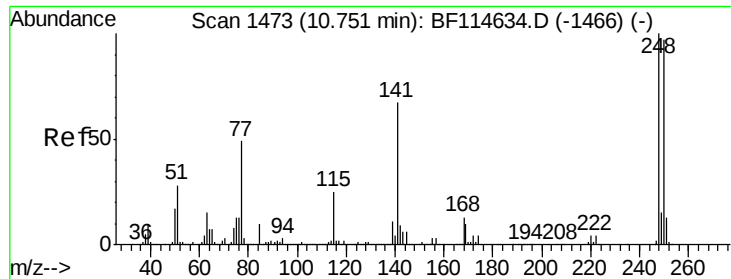
Tot Ion:198 Resp: 92244
Ion Ratio Lower Upper
198 100
51 35.4 29.0 69.0
105 40.8 30.4 70.4



#66
n-Nitrosodiphenylamine
Concen: 21.448 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF114633.D
Acq: 29 May 2019 14:49

Tgt Ion:169 Resp: 778803
Ion Ratio Lower Upper
169 100
168 66.9 53.8 80.8
167 36.6 29.8 44.6

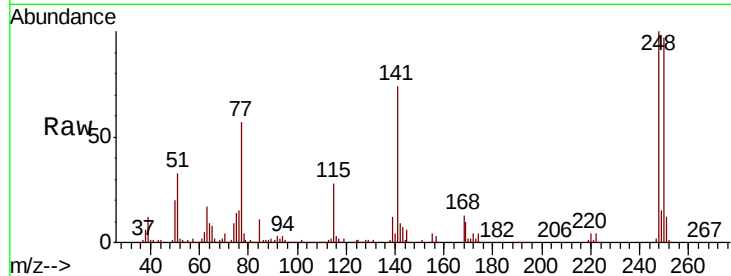




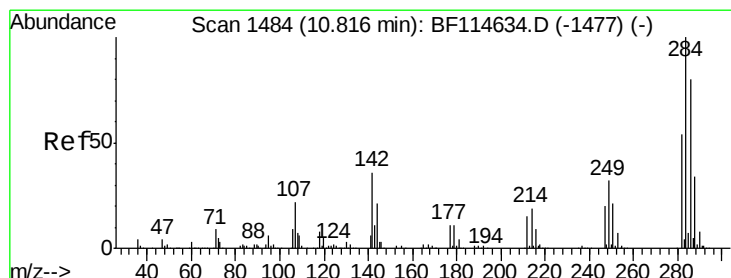
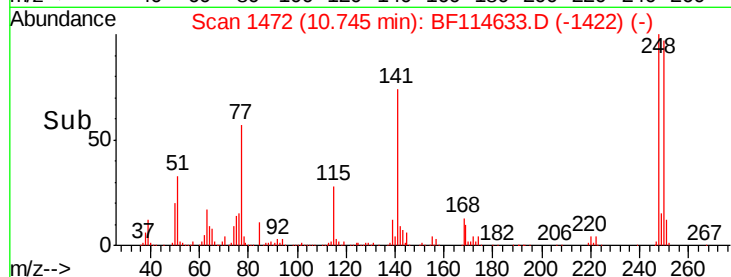
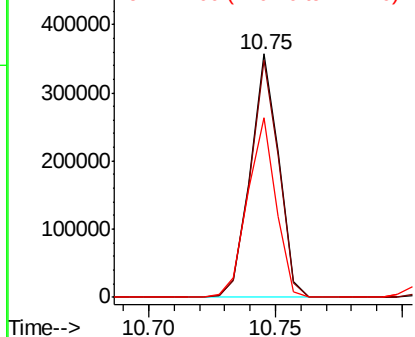
#67
4-Bromophenyl-phenylether
Concen: 21.120 ng
RT: 10.75 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BF114633.D
Acq: 29 May 2019 14:49

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion:248 Resp: 278216
Ion Ratio Lower Upper
248 100
250 97.3 78.0 117.0
141 73.6 53.8 80.8

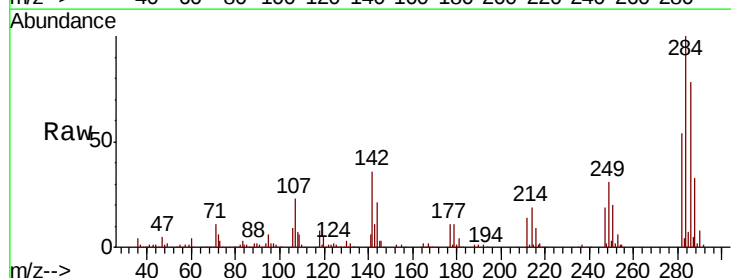


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

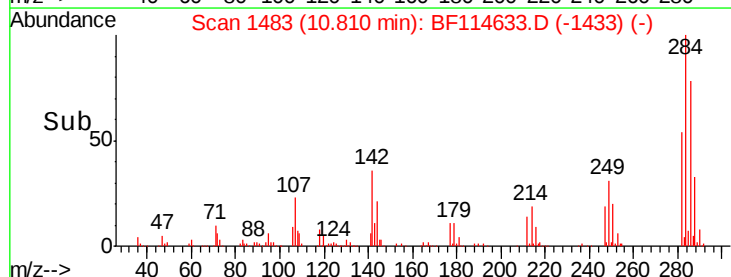
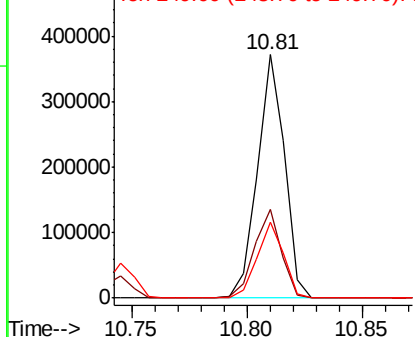


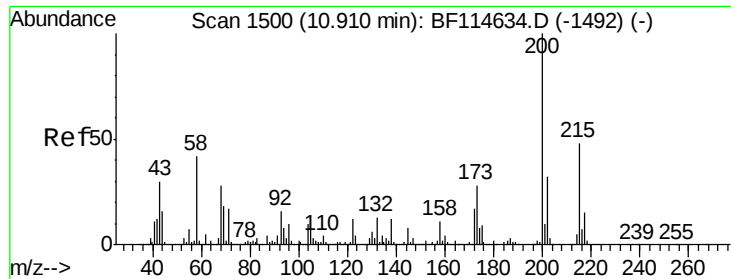
#68
Hexachlorobenzene
Concen: 20.920 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BF114633.D
Acq: 29 May 2019 14:49

Tgt Ion:284 Resp: 304876
Ion Ratio Lower Upper
284 100
142 36.3 28.9 43.3
249 31.1 25.8 38.6



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 22.296 ng

RT: 10.90 min Scan# 1499

Delta R.T. -0.01 min

Lab File: BF114633.D

Acq: 29 May 2019 14:49

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

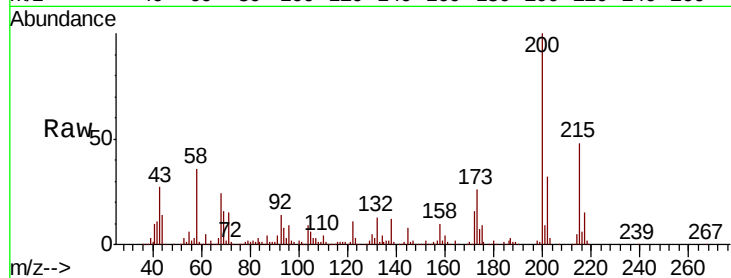
Tot Ion:200 Resp: 251952

Ion Ratio Lower Upper

200 100

173 25.9 7.9 47.9

215 48.3 27.8 67.8

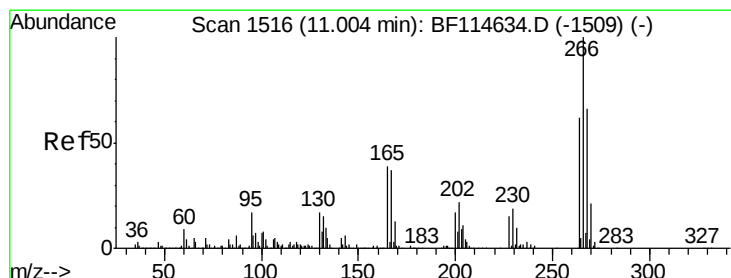
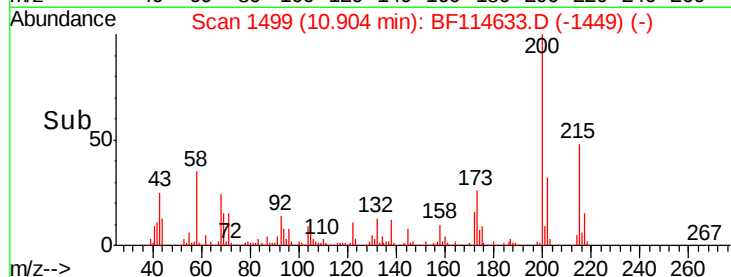
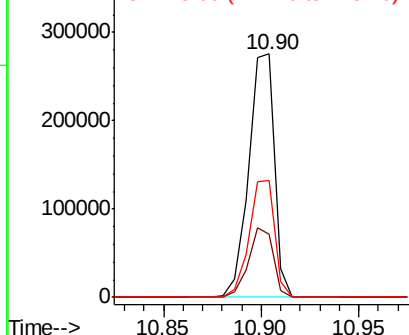


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 24.480 ng

RT: 11.00 min Scan# 1515

Delta R.T. -0.01 min

Lab File: BF114633.D

Acq: 29 May 2019 14:49

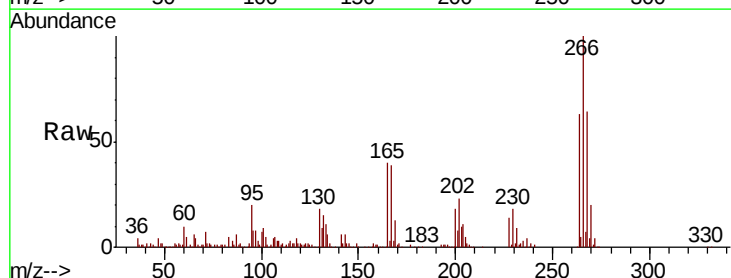
Tgt Ion:266 Resp: 169112

Ion Ratio Lower Upper

266 100

268 63.8 52.8 79.2

264 62.8 49.9 74.9

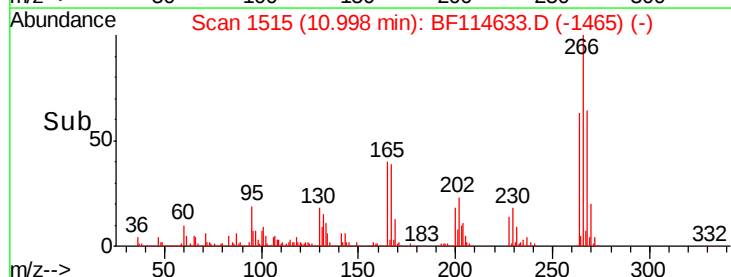
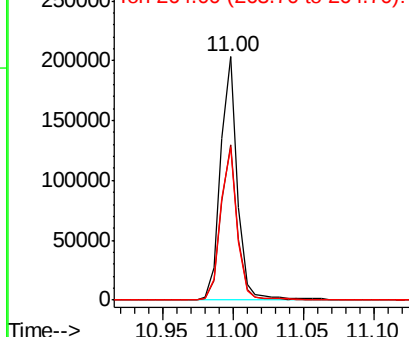


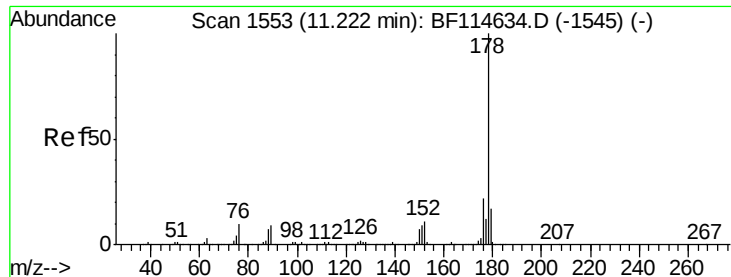
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 23.112 ng

RT: 11.22 min Scan# 1552

Delta R.T. -0.01 min

Lab File: BF114633.D

Acq: 29 May 2019 14:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

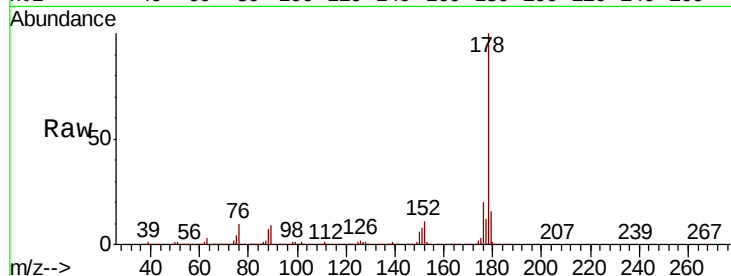
Tot Ion:178 Resp: 1345297

Ion Ratio Lower Upper

178 100

176 20.5 17.2 25.8

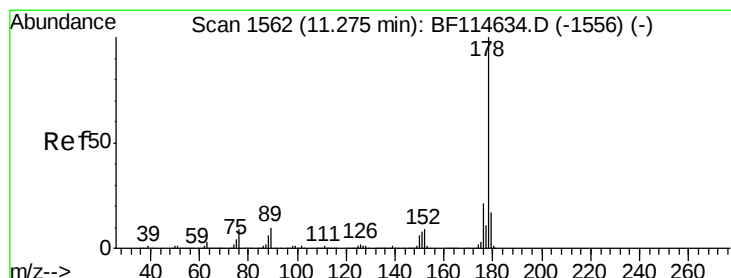
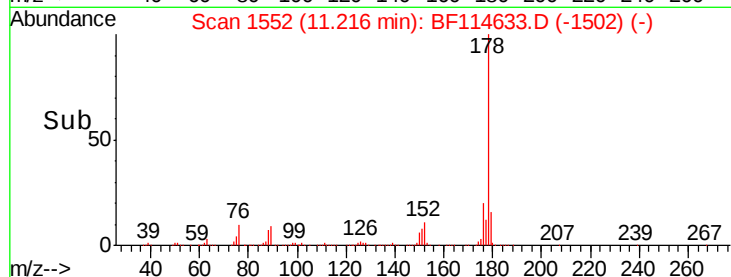
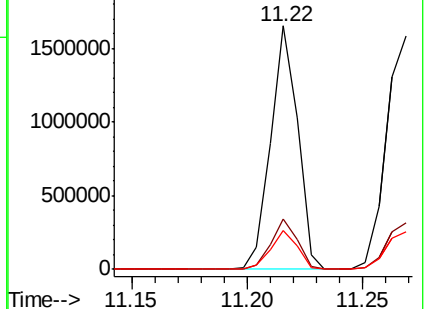
179 16.0 13.9 20.9



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 23.300 ng

RT: 11.27 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BF114633.D

Acq: 29 May 2019 14:49

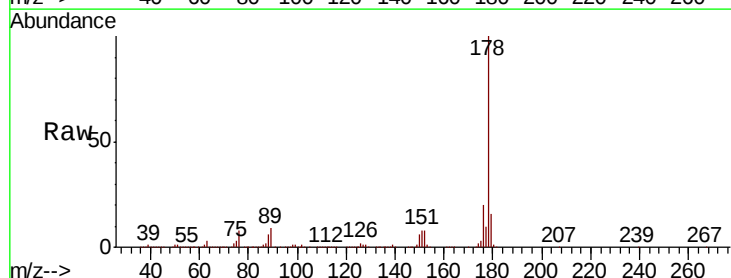
Tgt Ion:178 Resp: 1362209

Ion Ratio Lower Upper

178 100

176 19.8 16.6 24.8

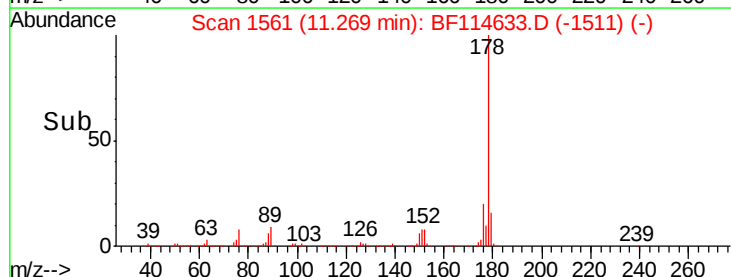
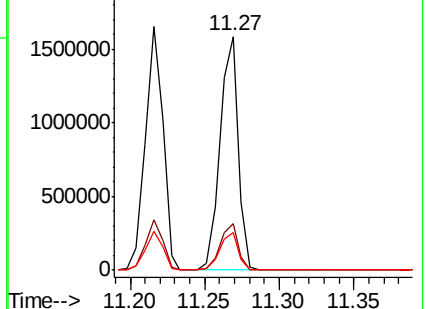
179 15.9 13.4 20.0

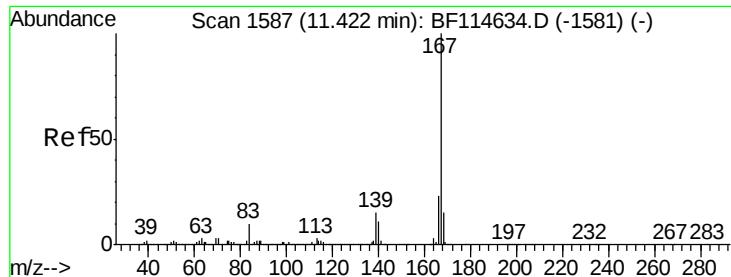


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 21.828 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.01 min

Lab File: BF114633.D

Acq: 29 May 2019 14:49

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

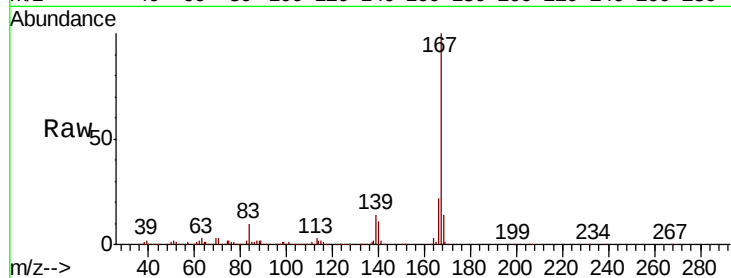
Tot Ion:167 Resp: 1216948

Ion Ratio Lower Upper

167 100

166 22.0 18.7 28.1

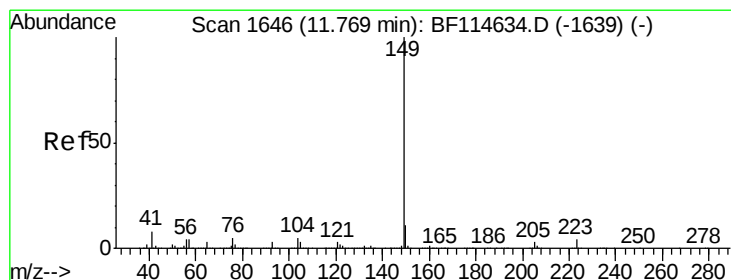
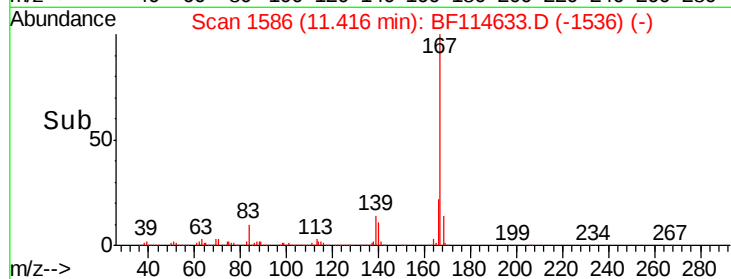
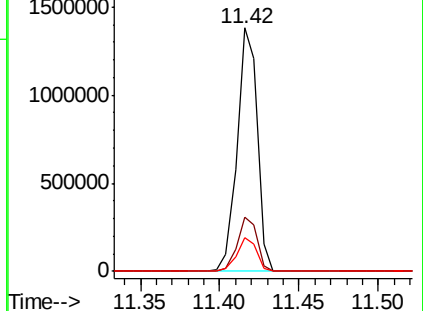
139 13.7 11.8 17.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 24.822 ng

RT: 11.77 min Scan# 1646

Delta R.T. 0.00 min

Lab File: BF114633.D

Acq: 29 May 2019 14:49

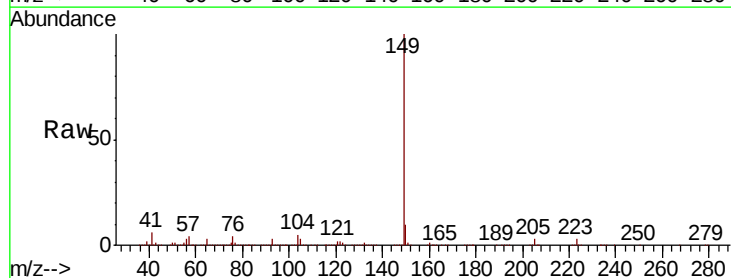
Tgt Ion:149 Resp: 1594331

Ion Ratio Lower Upper

149 100

150 9.6 8.6 12.8

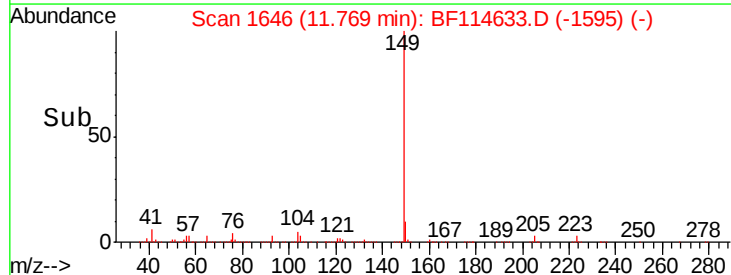
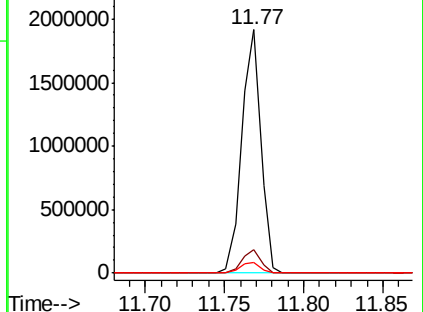
104 4.6 4.3 6.5

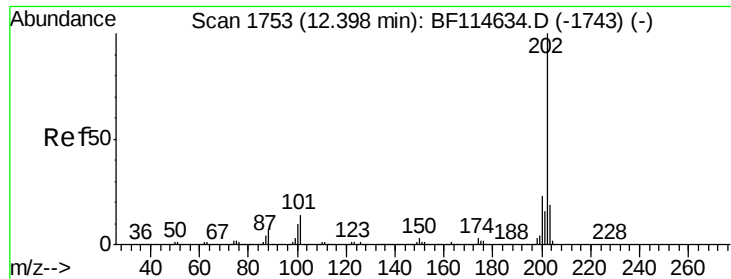


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 22.553 ng

RT: 12.40 min Scan# 1753

Delta R.T. 0.00 min

Lab File: BF114633.D

Acq: 29 May 2019 14:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

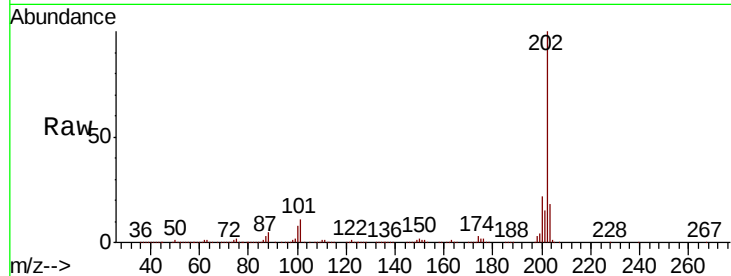
Tot Ion:202 Resp: 1413700

Ion Ratio Lower Upper

202 100

101 11.1 0.0 33.9

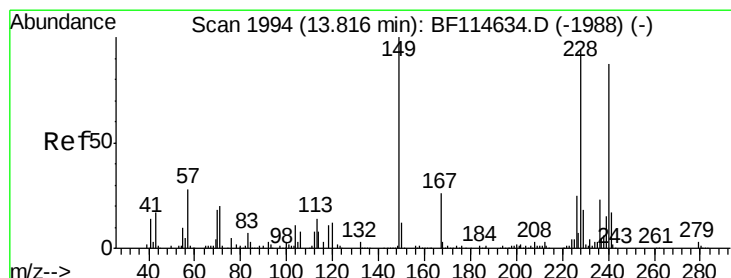
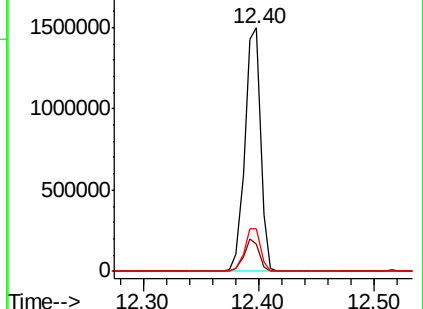
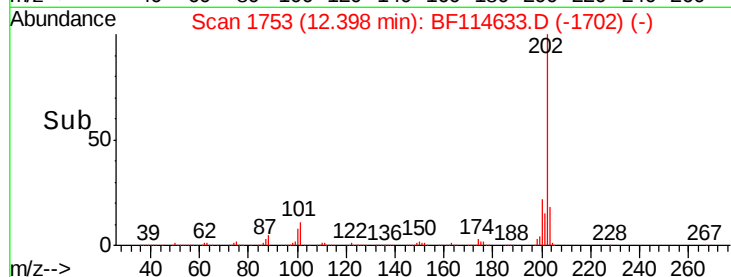
203 17.7 0.0 39.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.82 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BF114633.D

Acq: 29 May 2019 14:49

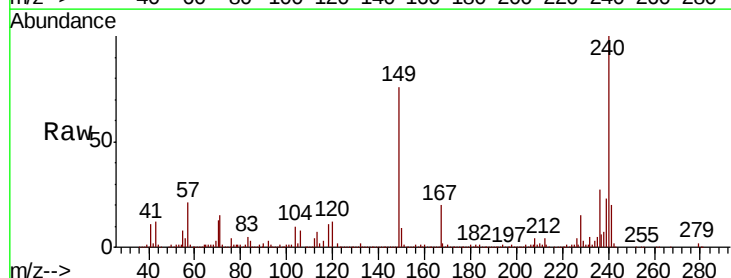
Tgt Ion:240 Resp: 880999

Ion Ratio Lower Upper

240 100

120 12.3 11.2 16.8

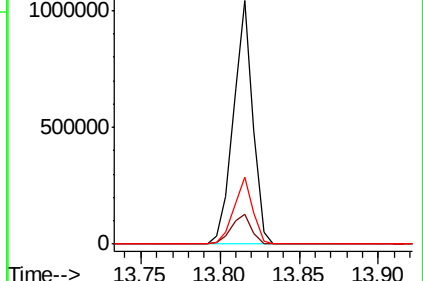
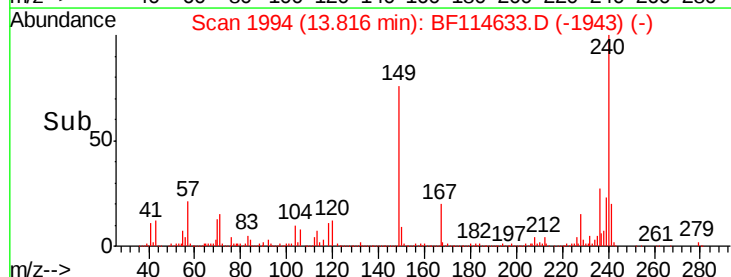
236 27.4 21.2 31.8

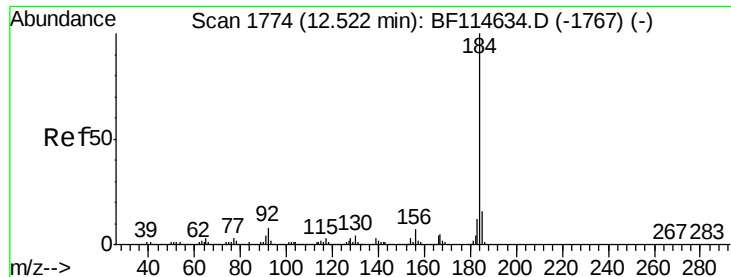


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 20.048 ng

RT: 12.52 min Scan# 1773

Delta R.T. -0.01 min

Lab File: BF114633.D

Acq: 29 May 2019 14:49

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

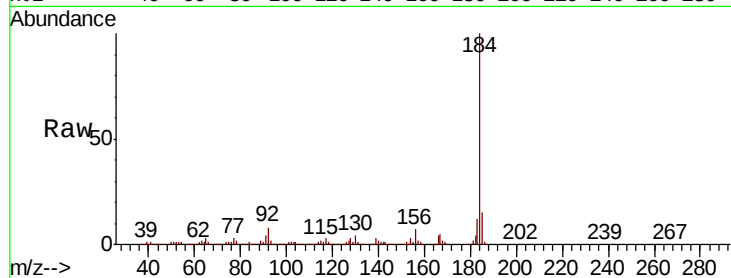
Tot Ion:184 Resp: 792813

Ion Ratio Lower Upper

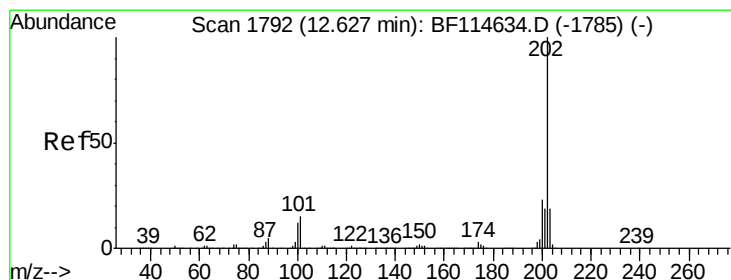
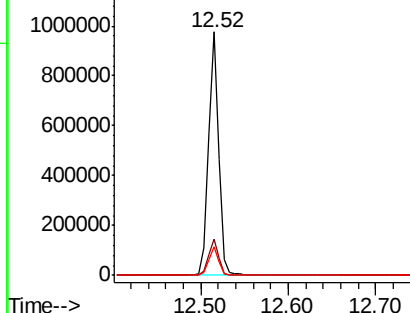
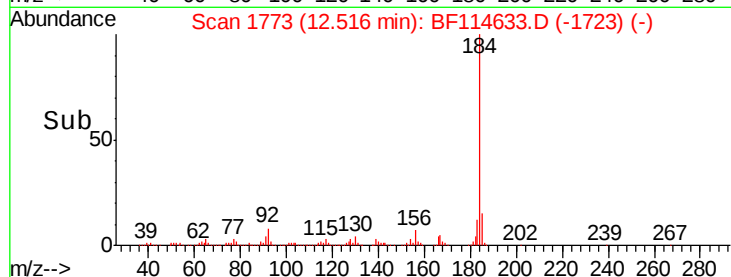
184 100

185 14.8 12.6 18.8

183 11.9 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 20.132 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF114633.D

Acq: 29 May 2019 14:49

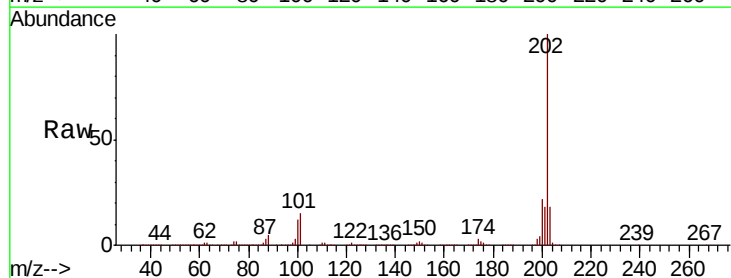
Tgt Ion:202 Resp: 1426793

Ion Ratio Lower Upper

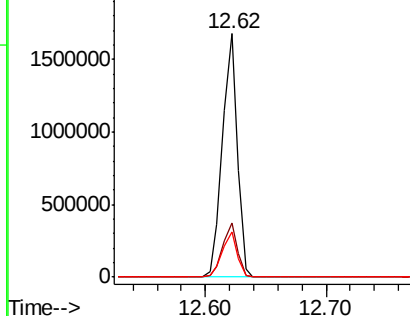
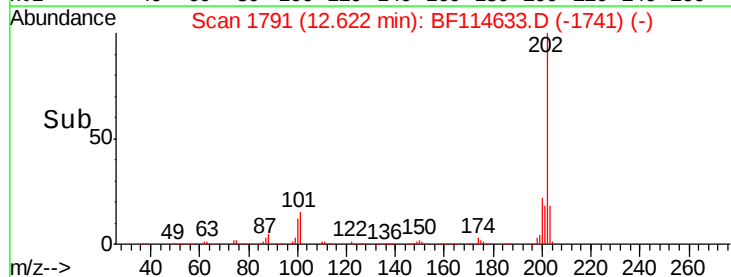
202 100

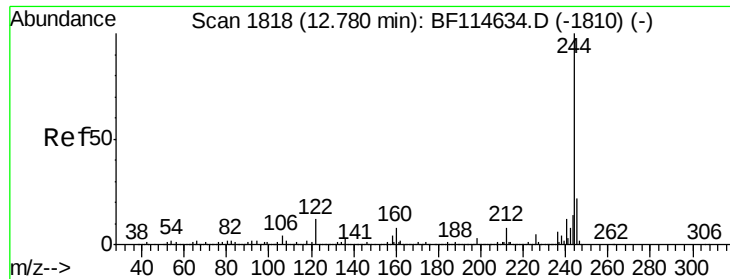
200 22.2 18.6 28.0

203 18.4 15.4 23.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 45.585 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF114633.D

Acq: 29 May 2019 14:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

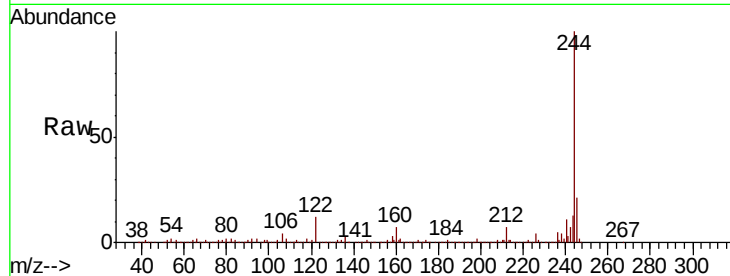
Tot Ion:244 Resp: 1948176

Ion Ratio Lower Upper

244 100

212 6.8 6.1 9.1

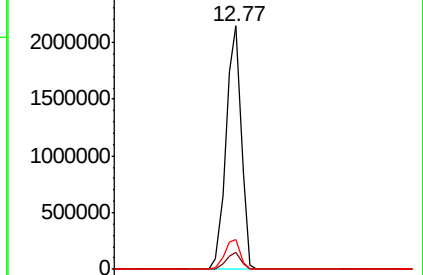
122 12.1 9.8 14.8



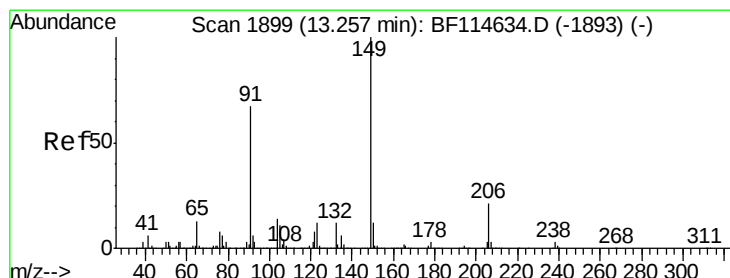
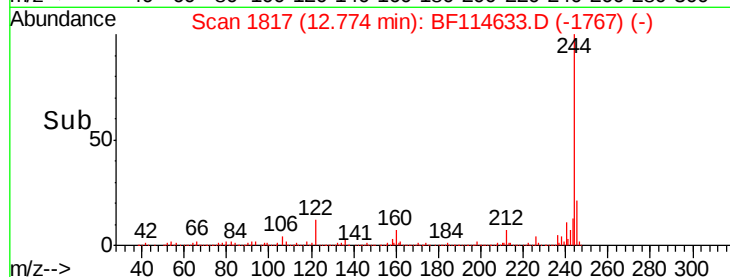
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#80

Butylbenzylphthalate

Concen: 22.869 ng

RT: 13.25 min Scan# 1898

Delta R.T. -0.01 min

Lab File: BF114633.D

Acq: 29 May 2019 14:49

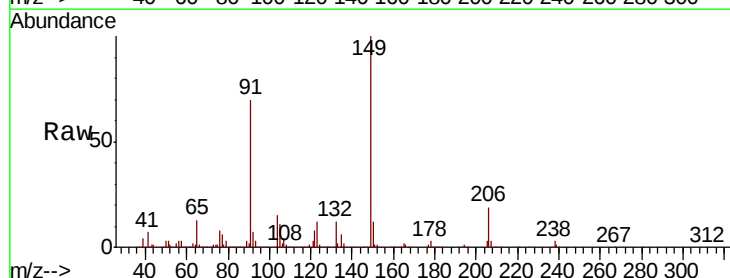
Tgt Ion:149 Resp: 682187

Ion Ratio Lower Upper

149 100

91 69.9 53.8 80.8

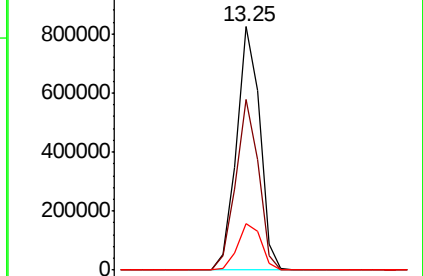
206 18.9 16.9 25.3



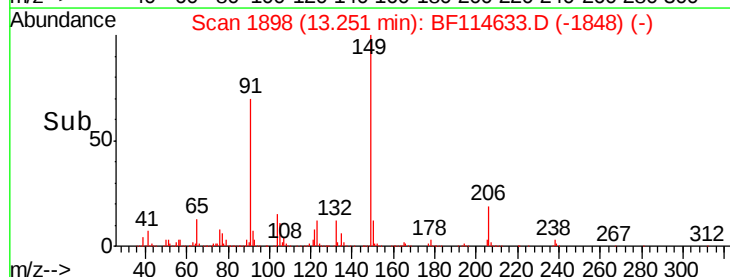
Abundance Ion 149.00 (148.70 to 149.70): E

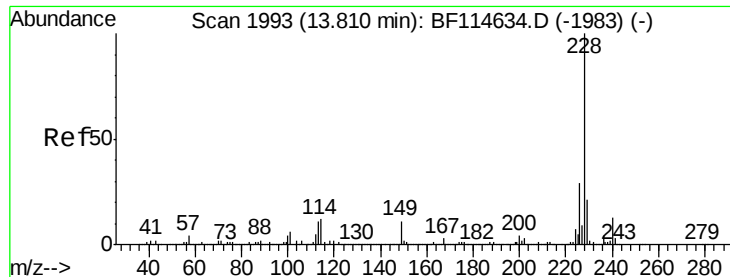
Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



Time-->





#81

Benzo(a)anthracene

Concen: 23.409 ng

RT: 13.80 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BF114633.D

Acq: 29 May 2019 14:49

Instrument :

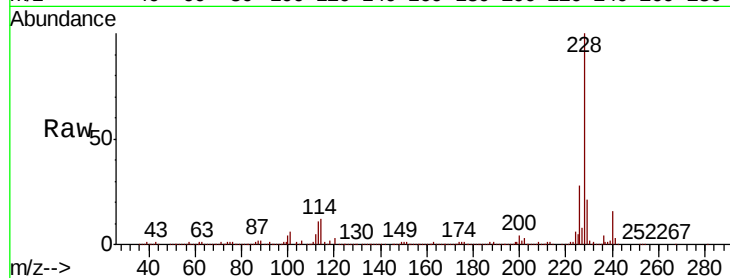
BNA_F

ClientSampleId :

SSTDIC020

Tot Ion:228 Resp: 1333932

Ion	Ratio	Lower	Upper
228	100		
226	27.8	23.0	34.6
229	20.7	17.0	25.4

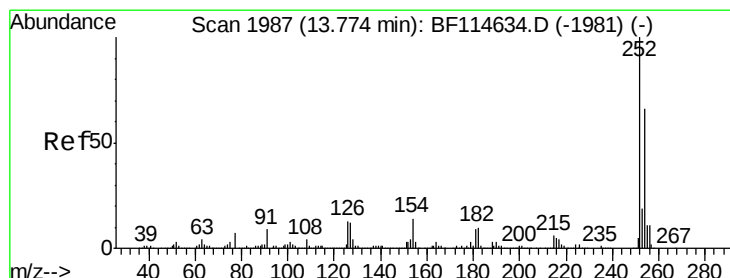
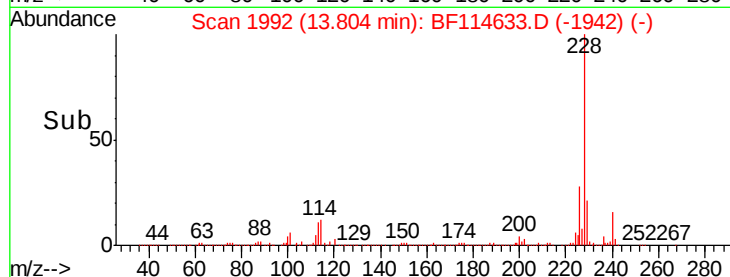
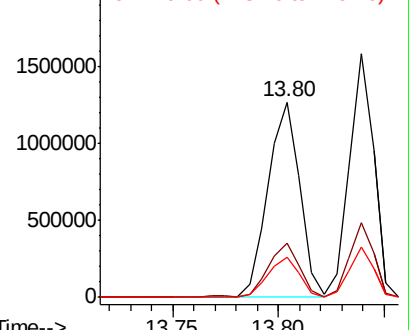


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 24.055 ng

RT: 13.77 min Scan# 1986

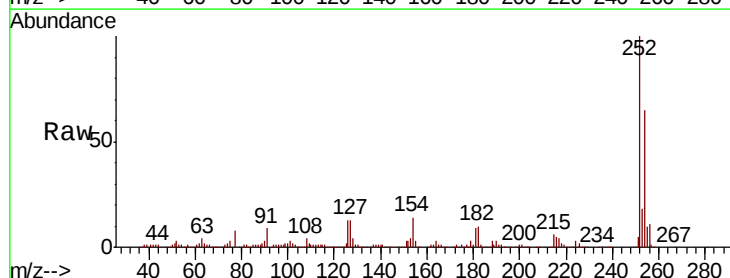
Delta R.T. -0.01 min

Lab File: BF114633.D

Acq: 29 May 2019 14:49

Tgt Ion:252 Resp: 531744

Ion	Ratio	Lower	Upper
252	100		
254	64.6	53.1	79.7
126	13.2	10.2	15.2

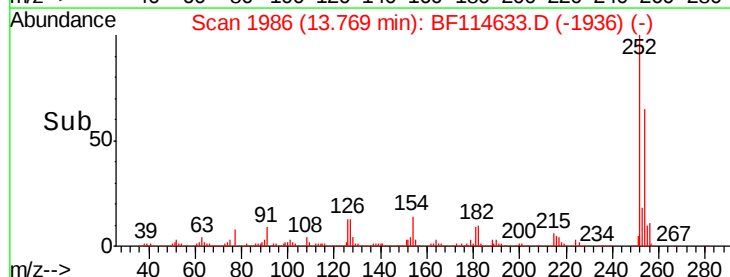
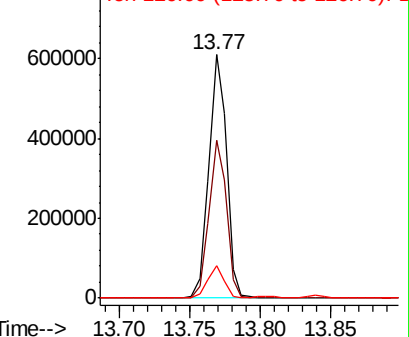


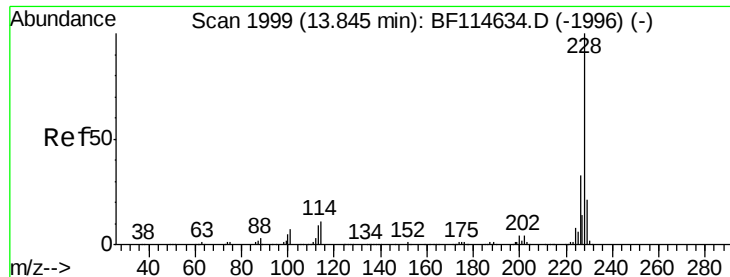
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 22.879 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF114633.D

Acq: 29 May 2019 14:49

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

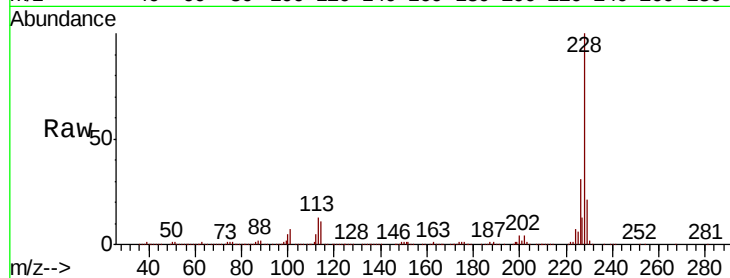
Tot Ion:228 Resp: 1277983

Ion Ratio Lower Upper

228 100

226 30.9 26.4 39.6

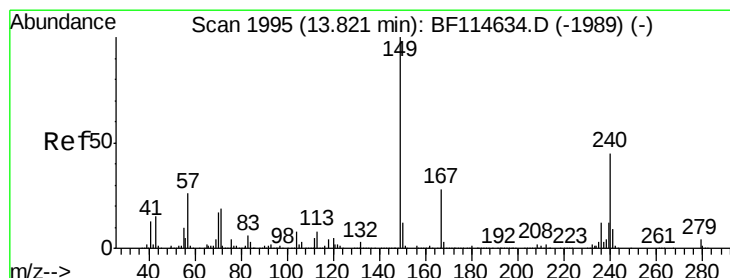
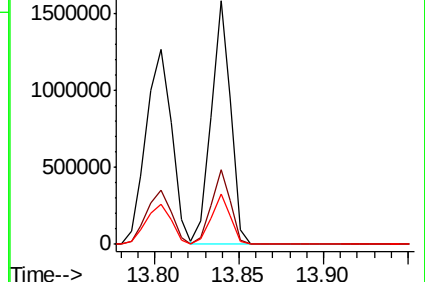
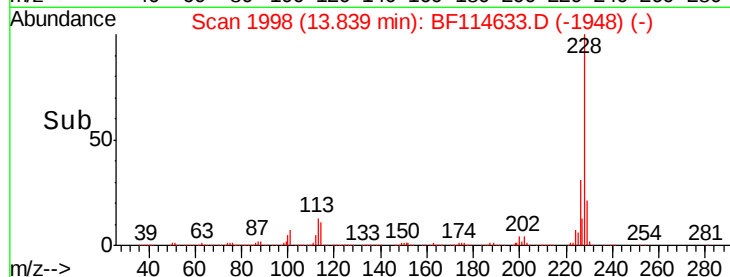
229 20.5 17.1 25.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 23.491 ng

RT: 13.82 min Scan# 1995

Delta R.T. 0.00 min

Lab File: BF114633.D

Acq: 29 May 2019 14:49

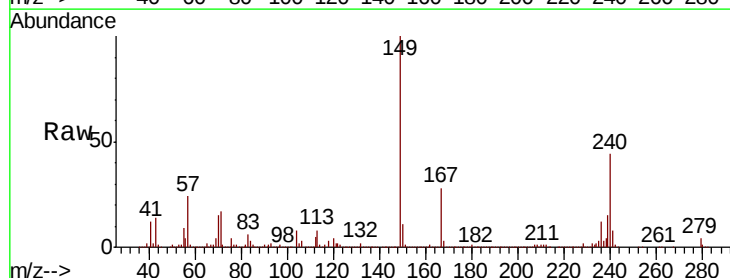
Tgt Ion:149 Resp: 916496

Ion Ratio Lower Upper

149 100

167 27.7 22.6 33.8

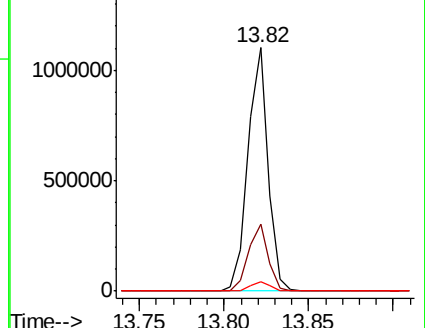
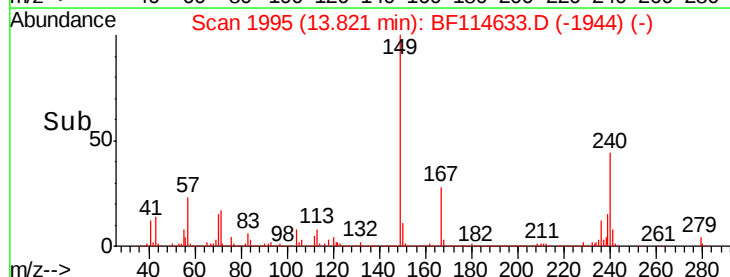
279 4.0 3.0 4.4

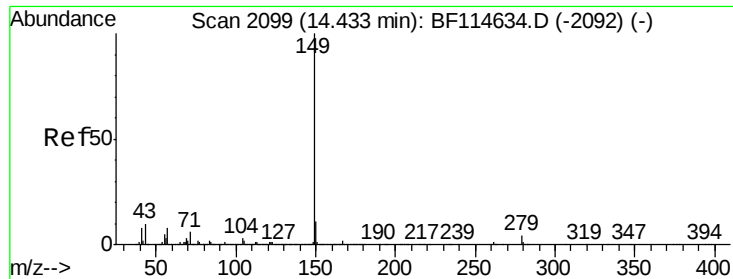


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 25.303 ng

RT: 14.43 min Scan# 2099

Delta R.T. 0.00 min

Lab File: BF114633.D

Acq: 29 May 2019 14:49

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

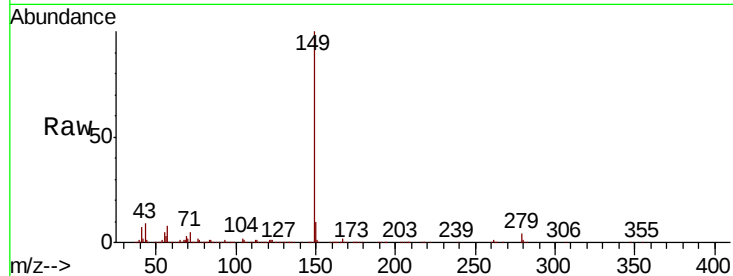
Tot Ion:149 Resp: 1600271

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

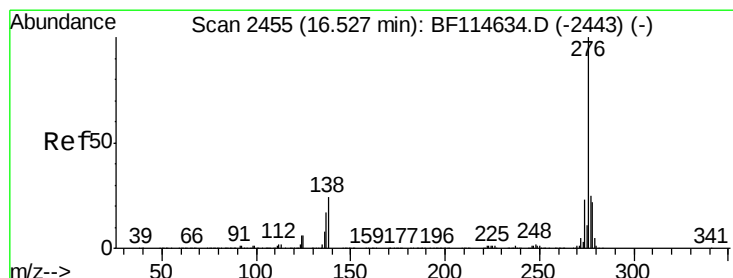
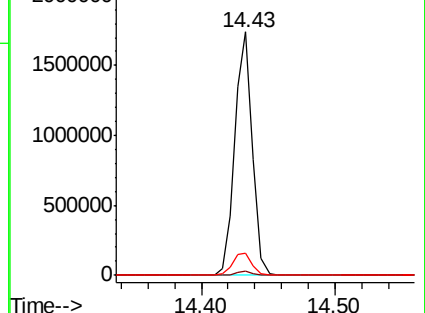
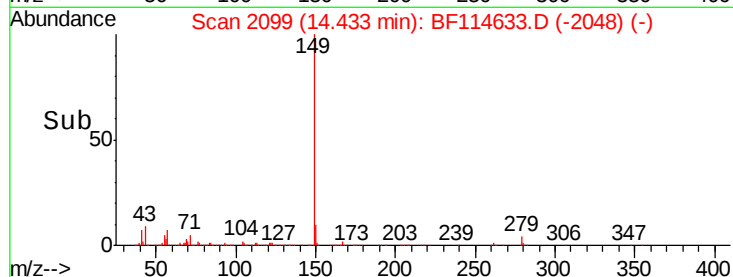
43 9.7 8.0 12.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 27.004 ng

RT: 16.52 min Scan# 2454

Delta R.T. -0.01 min

Lab File: BF114633.D

Acq: 29 May 2019 14:49

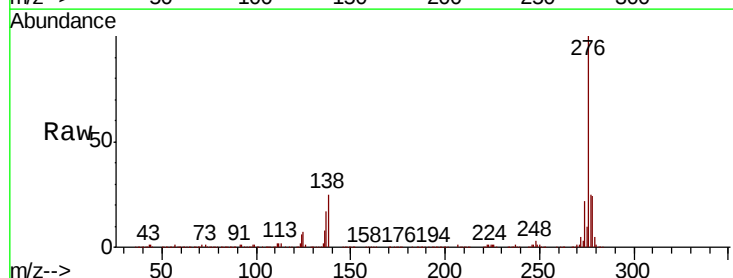
Tgt Ion:276 Resp: 1333124

Ion Ratio Lower Upper

276 100

138 29.0 23.0 34.6

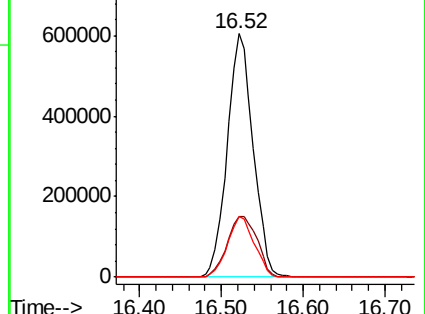
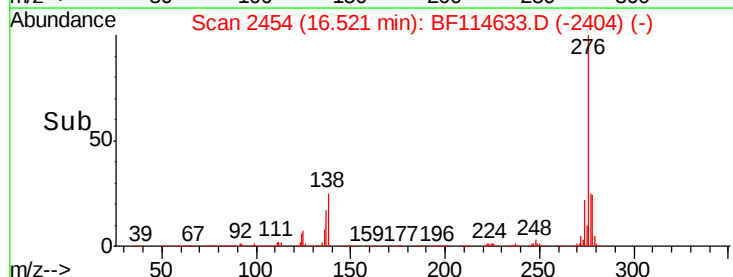
277 25.6 20.5 30.7

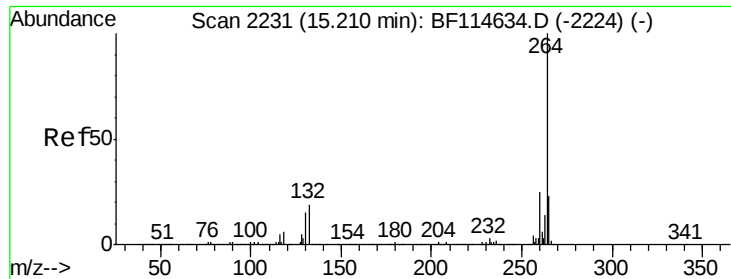


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.20 min Scan# 2230

Delta R.T. -0.01 min

Lab File: BF114633.D

Acq: 29 May 2019 14:49

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

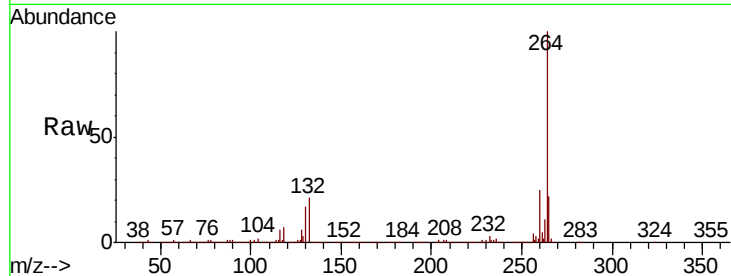
Tot Ion:264 Resp: 1016937

Ion Ratio Lower Upper

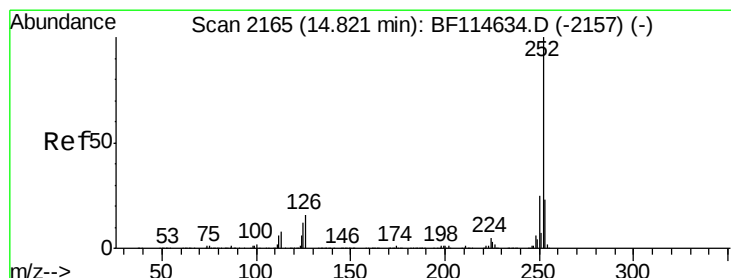
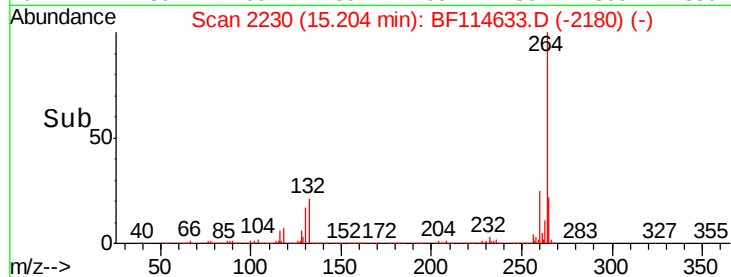
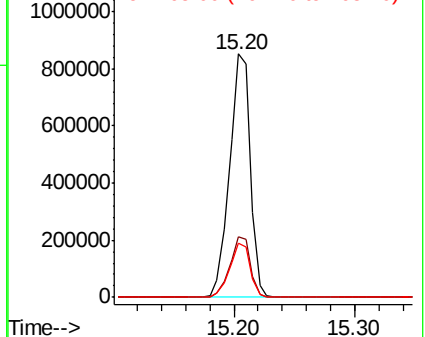
264 100

260 24.9 19.7 29.5

265 22.3 18.1 27.1



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 19.439 ng

RT: 14.82 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BF114633.D

Acq: 29 May 2019 14:49

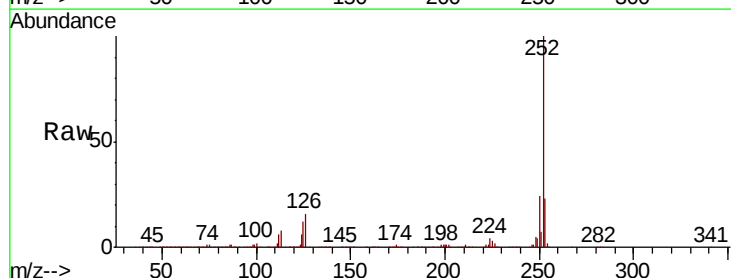
Tgt Ion:252 Resp: 1266437

Ion Ratio Lower Upper

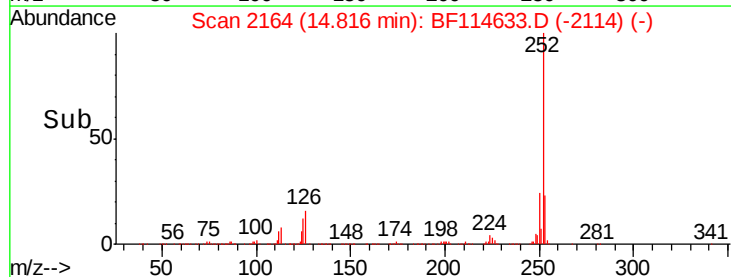
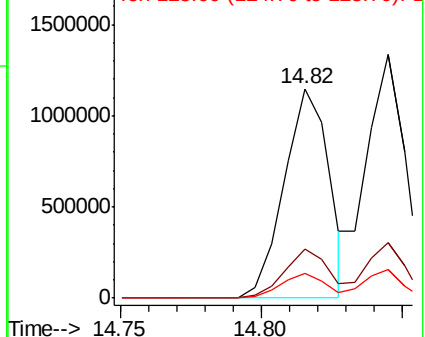
252 100

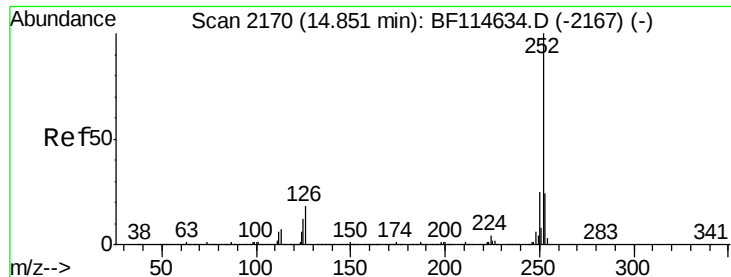
253 23.2 18.7 28.1

125 11.7 9.4 14.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 21.131 ng

RT: 14.84 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BF114633.D

Acq: 29 May 2019 14:49

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

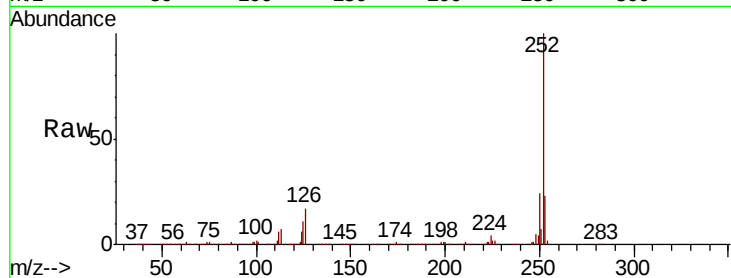
Tot Ion:252 Resp: 1264658

Ion Ratio Lower Upper

252 100

253 22.8 18.9 28.3

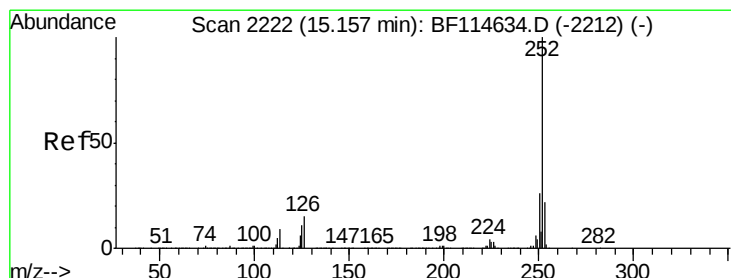
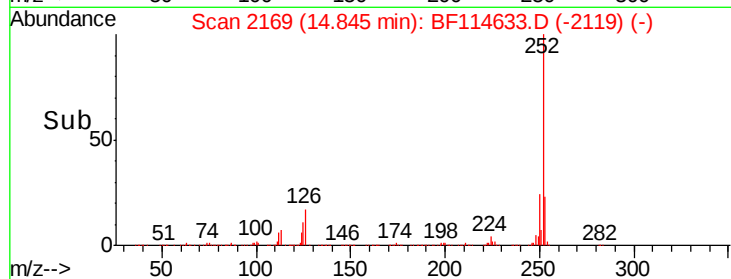
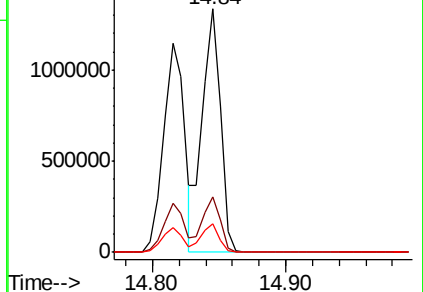
125 11.5 9.5 14.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 20.840 ng

RT: 15.15 min Scan# 2221

Delta R.T. -0.01 min

Lab File: BF114633.D

Acq: 29 May 2019 14:49

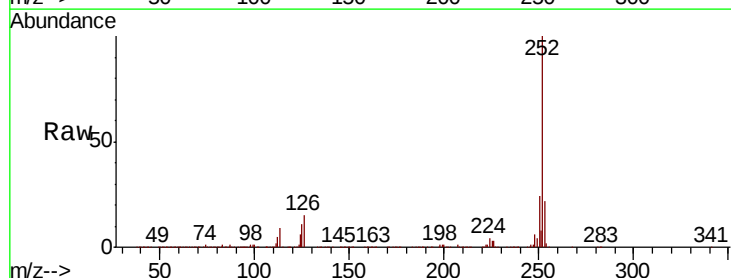
Tgt Ion:252 Resp: 1194919

Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

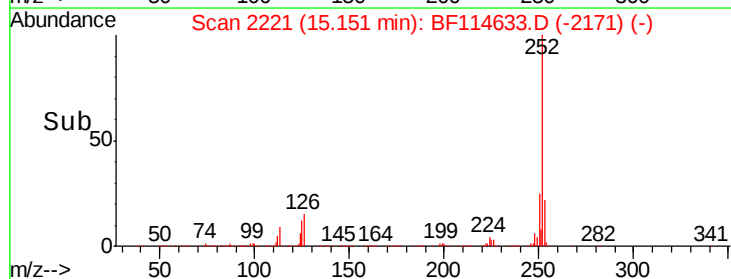
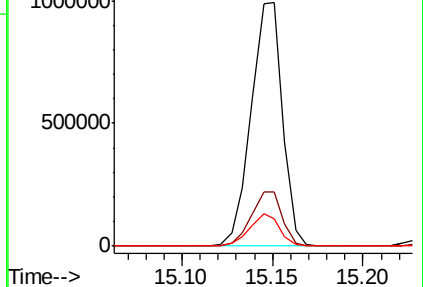
125 11.3 9.2 13.8

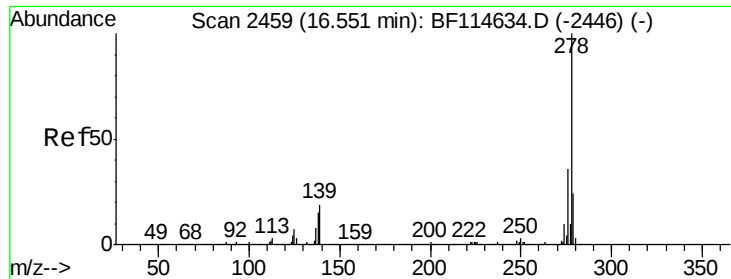


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 23.319 ng

RT: 16.54 min Scan# 2457

Delta R.T. -0.01 min

Lab File: BF114633.D

Acq: 29 May 2019 14:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

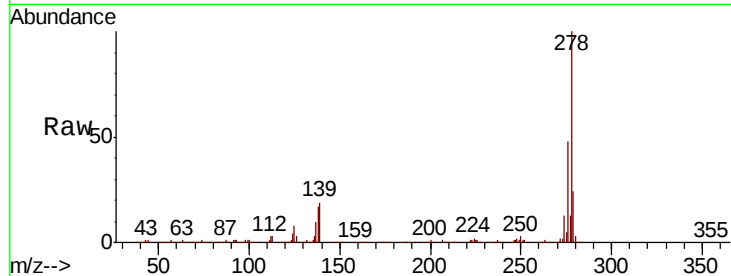
Tot Ion:278 Resp: 1111048

Ion Ratio Lower Upper

278 100

139 18.9 14.9 22.3

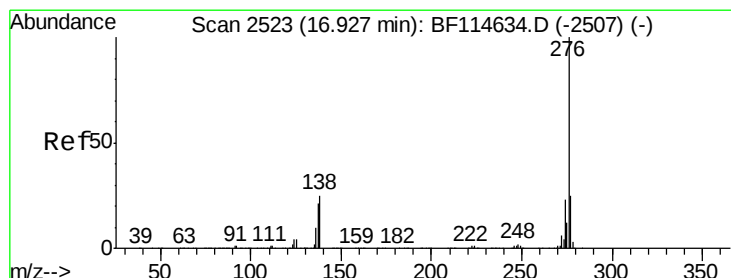
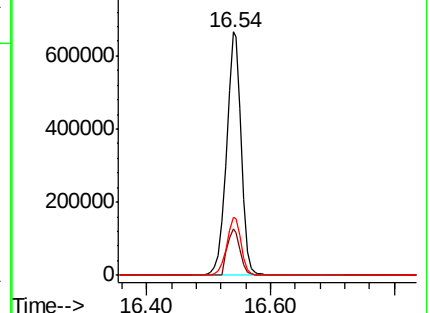
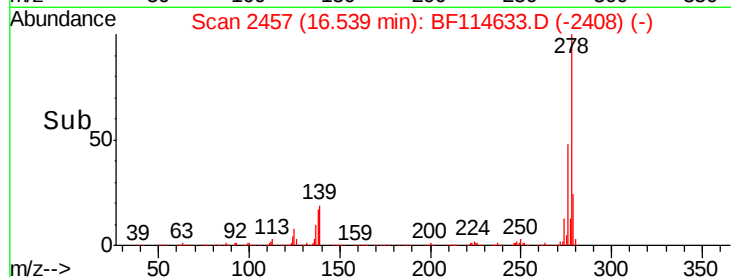
279 23.7 19.5 29.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 21.849 ng

RT: 16.92 min Scan# 2521

Delta R.T. -0.01 min

Lab File: BF114633.D

Acq: 29 May 2019 14:49

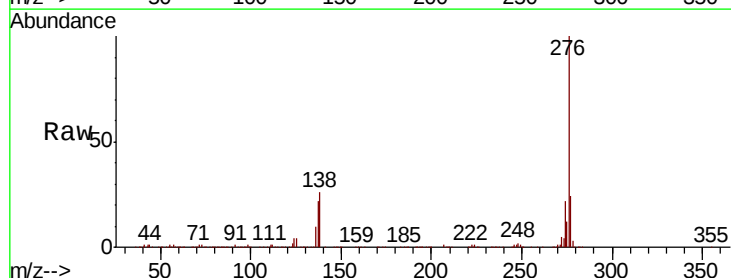
Tgt Ion:276 Resp: 1043248

Ion Ratio Lower Upper

276 100

277 24.2 19.7 29.5

138 26.0 19.8 29.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

