

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\
 Data File : BF114655.D
 Acq On : 30 May 2019 12:35
 Operator : HP/JU
 Sample : K2241-02
 Misc : L00-SOIL-20PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 30 14:24:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 30 14:17:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	459299	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1605218	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	799479	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	1480879	20.00	ng	0.00
76) Chrysene-d12	13.82	240	1045384	20.00	ng	0.00
87) Perylene-d12	15.20	264	1152126	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	5507218	210.52	ng	0.02
7) Phenol-d6	6.35	99	6587759	208.98	ng	0.02
23) Nitrobenzene-d5	7.27	82	4341736	168.75	ng	0.01
42) 2,4,6-Tribromophenol	10.52	330	1905715	250.17	ng	0.01
45) 2-Fluorobiphenyl	9.06	172	5922648	123.08	ng	0.01
79) Terphenyl-d14	12.79	244	6278203	112.92	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.38	88	241586	19.244	ng	98
3) Pyridine	3.16	79	594049	16.259	ng	98
4) n-Nitrosodimethylamine	2.99	42	247791	16.760	ng	97
6) Aniline	6.38	93	785616	16.499	ng	97
8) 2-Chlorophenol	6.49	128	520734	17.236	ng	94
9) Benzaldehyde	6.25	77	464464	25.823	ng	99
10) Phenol	6.36	94	591134	15.523	ng	82
11) bis(2-Chloroethyl)ether	6.45	93	511961	17.576	ng	96
12) 1,3-Dichlorobenzene	6.64	146	640496	18.608	ng	99
13) 1,4-Dichlorobenzene	6.72	146	650643	18.843	ng	99
14) 1,2-Dichlorobenzene	6.87	146	552205	17.565	ng	97
15) Benzyl Alcohol	6.83	79	496454	20.021	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.98	45	771596	17.270	ng	100
17) 2-Methylphenol	6.95	107	458951	17.961	ng	99
18) Hexachloroethane	7.21	117	232307	17.769	ng	97
19) n-Nitroso-di-n-propylamine	7.12	70	399210	18.346	ng	98
20) 3+4-Methylphenols	7.10	107	574996	19.133	ng	97
22) Acetophenone	7.10	105	775810	22.683	ng	# 99
24) Nitrobenzene	7.28	77	568728	20.809	ng	95
25) Isophorone	7.52	82	1035005	20.045	ng	100
26) 2-Nitrophenol	7.59	139	278509	20.934	ng	94
27) 2,4-Dimethylphenol	7.63	122	506983	22.914	ng	97
28) bis(2-Chloroethoxy)methane	7.73	93	672531	20.461	ng	99
29) 2,4-Dichlorophenol	7.83	162	478007	21.225	ng	98
30) 1,2,4-Trichlorobenzene	7.92	180	544832	21.234	ng	98
31) Naphthalene	8.00	128	1649622	22.311	ng	98
32) Benzoic acid	7.73	122	281895	19.615	ng	98
33) 4-Chloroaniline	8.04	127	710490	20.169	ng	99
34) Hexachlorobutadiene	8.13	225	294376	20.653	ng	99
35) Caprolactam	8.40	113	147029	19.345	ng	95
36) 4-Chloro-3-methylphenol	8.52	107	476414	21.094	ng	99
37) 2-Methylnaphthalene	8.69	142	1116090	22.719	ng	98
38) 1-Methylnaphthalene	8.78	142	1069389	22.975	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	485342	22.796	ng	100

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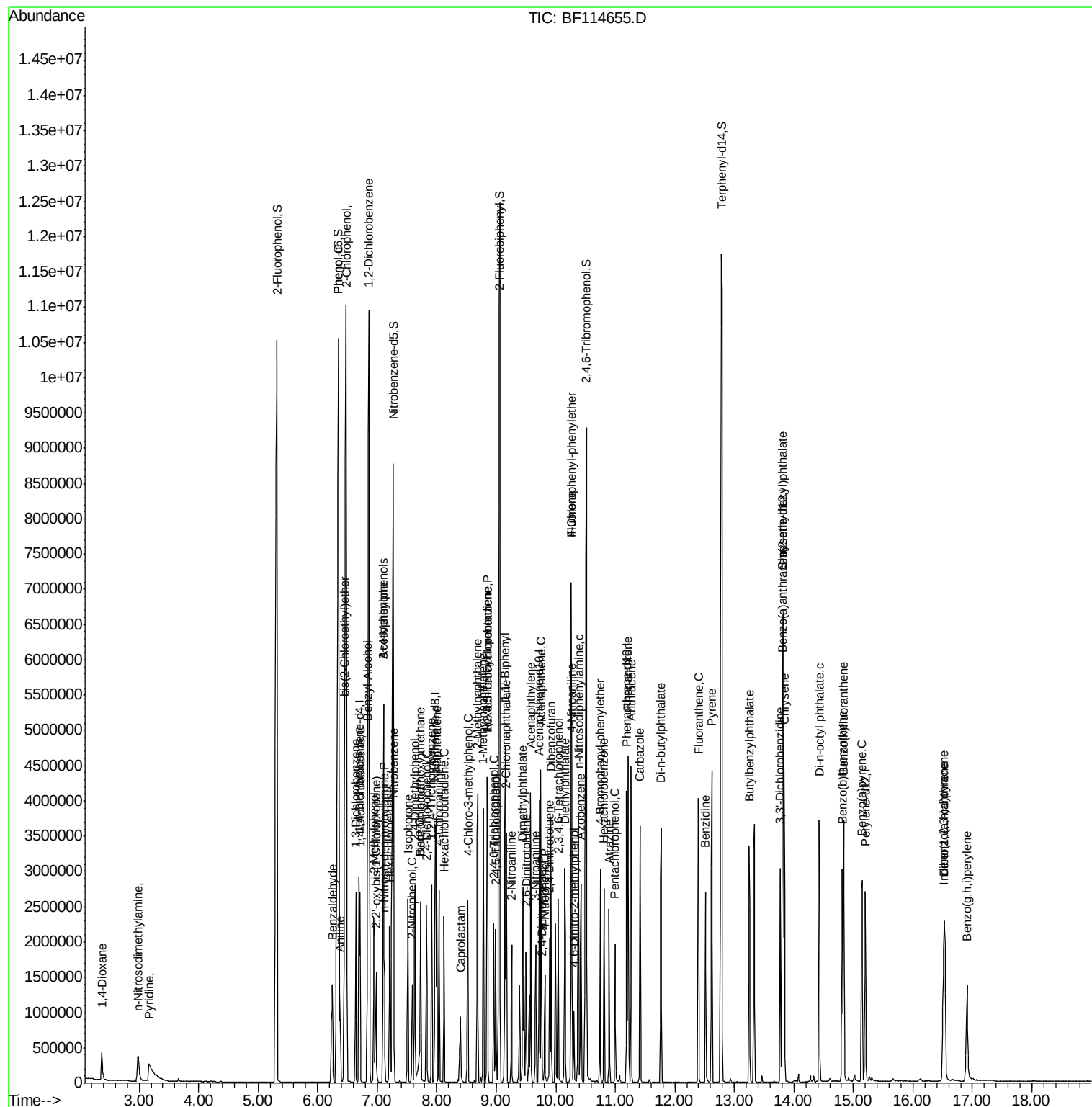
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	323393	22.986	ng	98
43) 2,4,6-Trichlorophenol	8.96	196	340031	20.298	ng	98
44) 2,4,5-Trichlorophenol	8.99	196	358118	21.422	ng	98
46) 1,1'-Biphenyl	9.15	154	1330452	22.419	ng	96
47) 2-Chloronaphthalene	9.17	162	1057634	21.726	ng	98
48) 2-Nitroaniline	9.26	65	279270	18.590	ng	99
49) Acenaphthylene	9.58	152	1649466	21.932	ng	99
50) Dimethylphthalate	9.45	163	1165130	20.915	ng	100
51) 2,6-Dinitrotoluene	9.50	165	265733	20.528	ng	96
52) Acenaphthene	9.75	154	991426	21.495	ng	99
53) 3-Nitroaniline	9.66	138	299232	18.888	ng	99
54) 2,4-Dinitrophenol	9.77	184	87061	17.051	ng	94
55) Dibenzofuran	9.92	168	1438163	21.905	ng	98
56) 4-Nitrophenol	9.82	139	231141	19.687	ng	89
57) 2,4-Dinitrotoluene	9.90	165	336419	20.250	ng	97
58) Fluorene	10.26	166	1027206	23.172	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.04	232	298090	21.785	ng	100
60) Diethylphthalate	10.15	149	1161718	20.418	ng	99
61) 4-Chlorophenyl-phenylether	10.26	204	511858	23.078	ng	95
62) 4-Nitroaniline	10.27	138	280282	18.155	ng	96
63) Azobenzene	10.42	77	1113678	21.319	ng	98
65) 4,6-Dinitro-2-methylphenol	10.30	198	131425	20.015	ng	99
66) n-Nitrosodiphenylamine	10.38	169	975642	22.299	ng	100
67) 4-Bromophenyl-phenylether	10.75	248	333639	21.009	ng	94
68) Hexachlorobenzene	10.81	284	360100	20.935	ng	98
69) Atrazine	10.90	200	296194	21.486	ng	98
70) Pentachlorophenol	11.00	266	196795	19.848	ng	99
71) Phenanthrene	11.22	178	1592298	21.078	ng	98
72) Anthracene	11.27	178	1667013	21.804	ng	98
73) Carbazole	11.42	167	1460018	21.728	ng	98
74) Di-n-butylphthalate	11.77	149	1775555	21.749	ng	97
75) Fluoranthene	12.40	202	1617373	20.677	ng	97
77) Benzidine	12.52	184	910835	21.159	ng	97
78) Pyrene	12.62	202	1645060	18.603	ng	98
80) Butylbenzylphthalate	13.25	149	744637	16.755	ng	97
81) Benzo(a)anthracene	13.80	228	1528070	19.021	ng	98
82) 3,3'-Dichlorobenzidine	13.77	252	579752	18.687	ng	100
83) Chrysene	13.84	228	1436199	18.712	ng	97
84) Bis(2-ethylhexyl)phthalate	13.82	149	1007250	18.332	ng	100
85) Di-n-octyl phthalate	14.43	149	1726625	18.087	ng	97
86) Indeno(1,2,3-cd)pyrene	16.52	276	1406715	18.299	ng	99
88) Benzo(b)fluoranthene	14.82	252	1494666	20.598	ng	97
89) Benzo(k)fluoranthene	14.84	252	1329905	21.086	ng	99
90) Benzo(a)pyrene	15.14	252	1372542	21.531	ng	100
91) Dibenzo(a,h)anthracene	16.53	278	1199225	21.289	ng	100
92) Benzo(g,h,i)perylene	16.91	276	1115506	20.403	ng	99

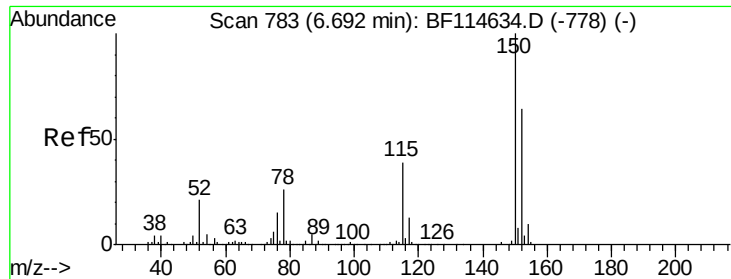
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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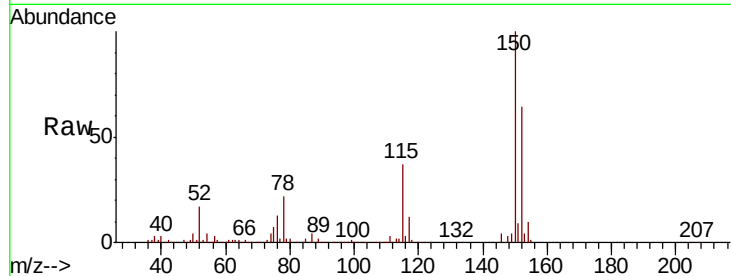


#1

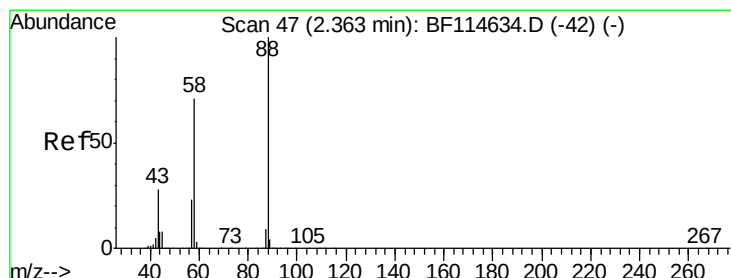
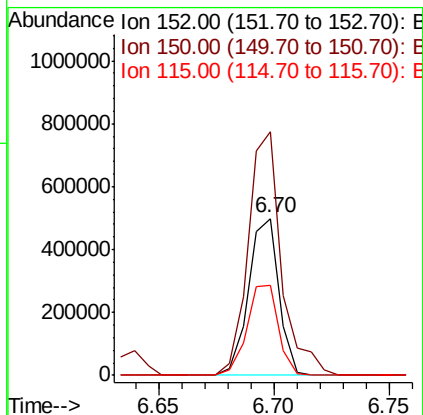
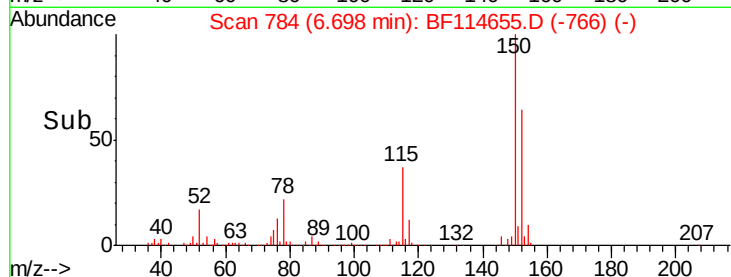
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.01 min
Lab File: BF114655.D
Acq: 30 May 2019 12:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 459299
Ion Ratio Lower Upper
152 100
150 155.4 124.4 186.6
115 57.8 48.7 73.1



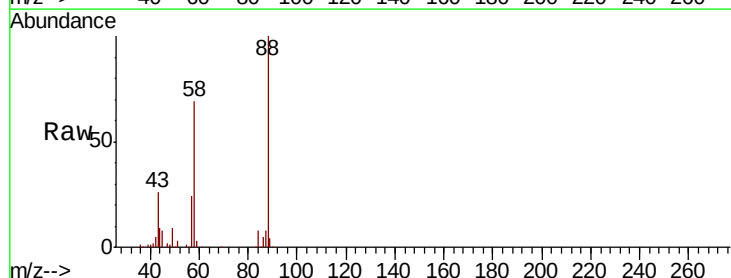
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



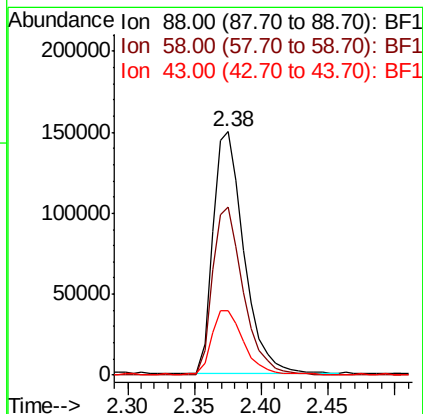
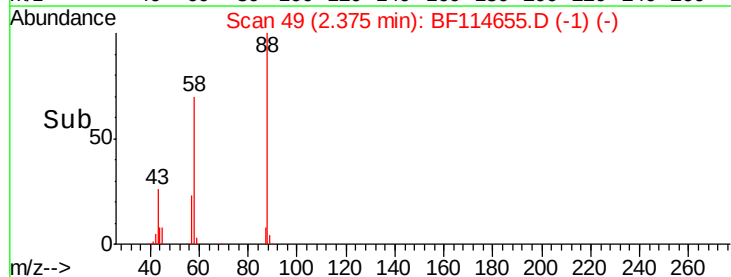
#2

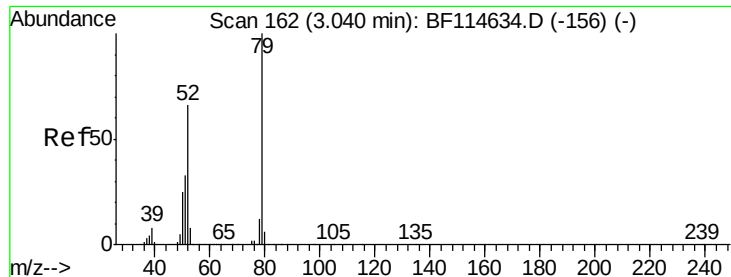
1,4-Dioxane
Concen: 19.244 ng
RT: 2.38 min Scan# 49
Delta R.T. 0.01 min
Lab File: BF114655.D
Acq: 30 May 2019 12:35

Tgt Ion: 88 Resp: 241586
Ion Ratio Lower Upper
88 100
58 69.8 57.2 85.8
43 27.6 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: 16.259 ng

RT: 3.16 min Scan# 183

Delta R.T. 0.12 min

Lab File: BF114655.D

Acq: 30 May 2019 12:35

Instrument :

BNA_F

ClientSampleId :

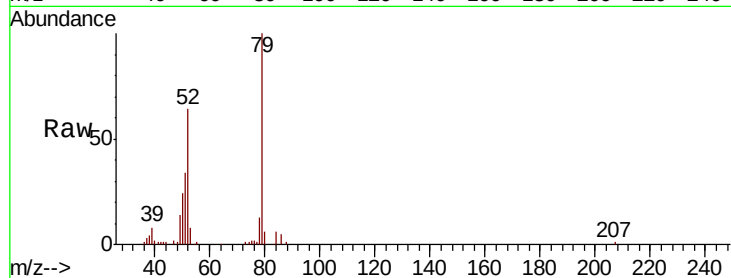
Tot Ion: 79 Resp: 594049

Ion Ratio Lower Upper

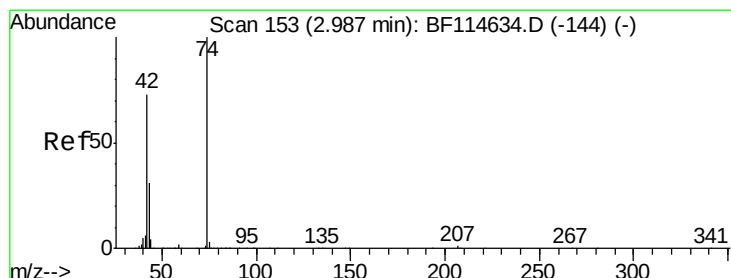
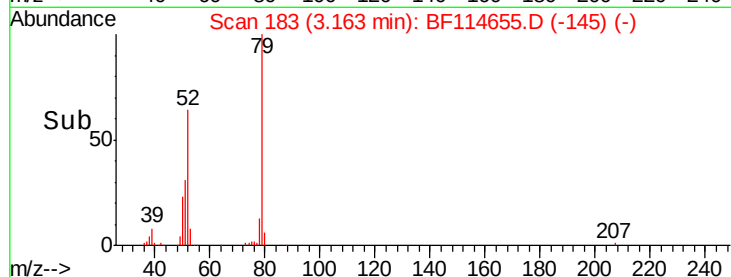
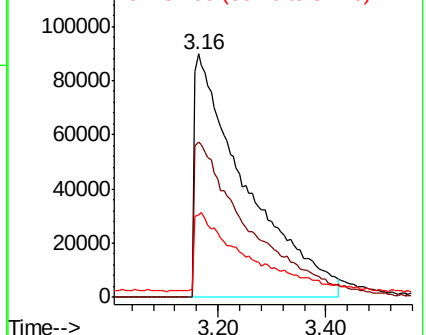
79 100

52 63.9 52.8 79.2

51 33.6 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: 16.760 ng

RT: 2.99 min Scan# 153

Delta R.T. 0.00 min

Lab File: BF114655.D

Acq: 30 May 2019 12:35

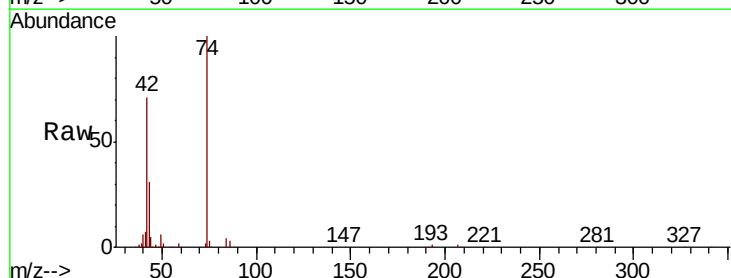
Tgt Ion: 42 Resp: 247791

Ion Ratio Lower Upper

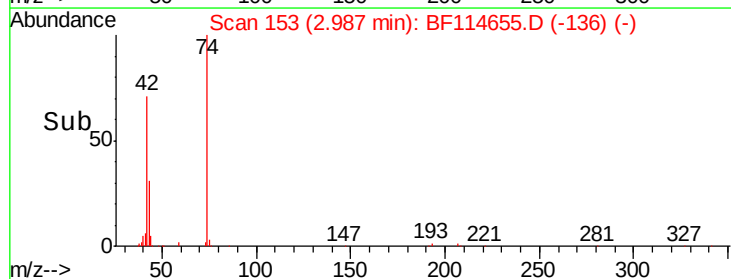
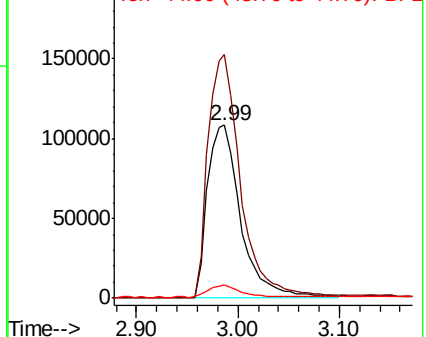
42 100

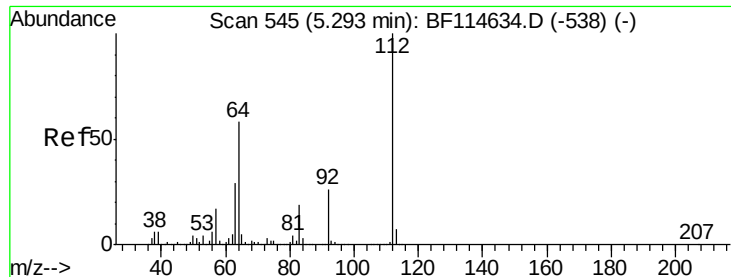
74 140.7 110.0 165.0

44 7.3 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: 210.518 ng

RT: 5.32 min Scan# 549

Delta R.T. 0.02 min

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Acq: 30 May 2019 12:35

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ClientSampleId :

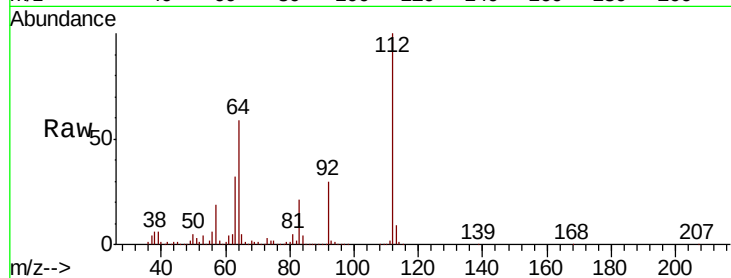
Tot Ion:112 Resp: 5507218

Ion Ratio Lower Upper

112 100

64 59.5 46.1 69.1

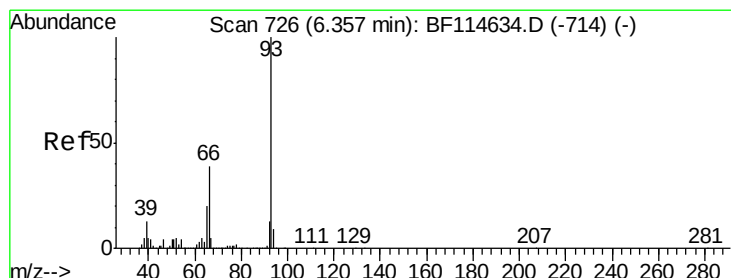
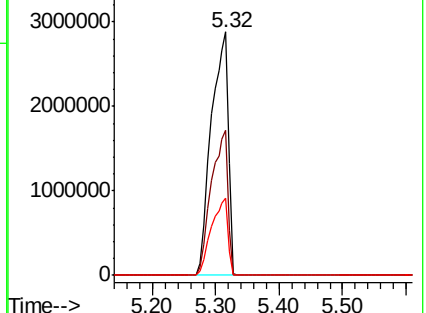
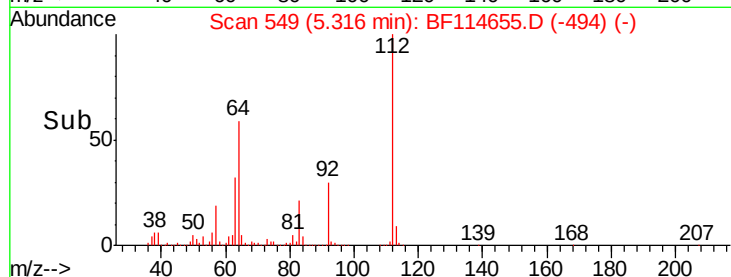
63 31.8 23.4 35.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 16.499 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.02 min

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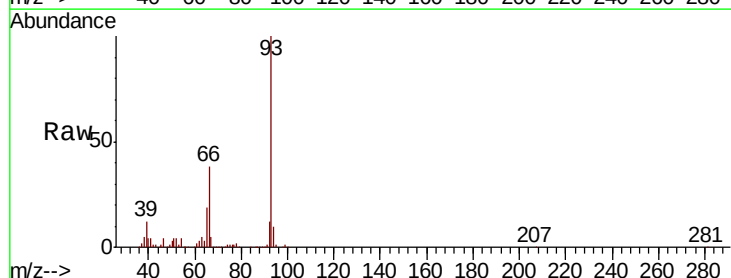
Tgt Ion: 93 Resp: 785616

Ion Ratio Lower Upper

93 100

66 38.1 31.4 47.2

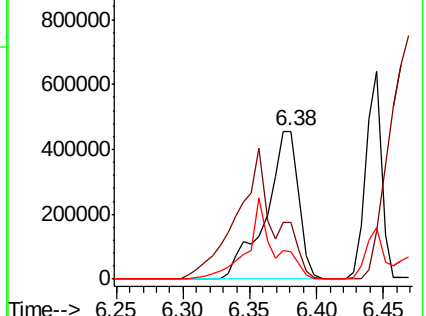
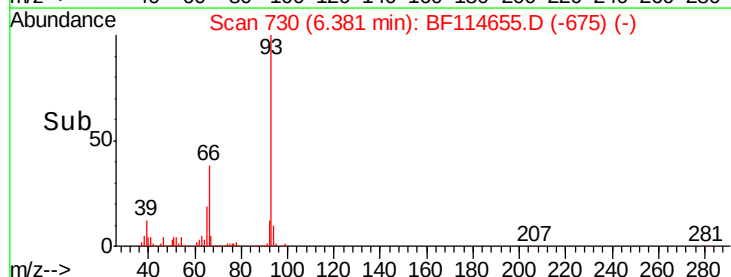
65 18.6 16.2 24.2

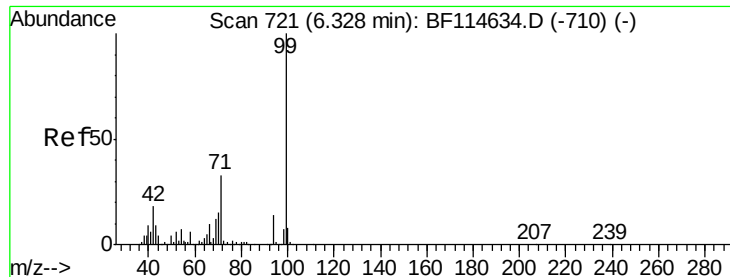


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 208.975 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.02 min

Lab File: BF114655.D

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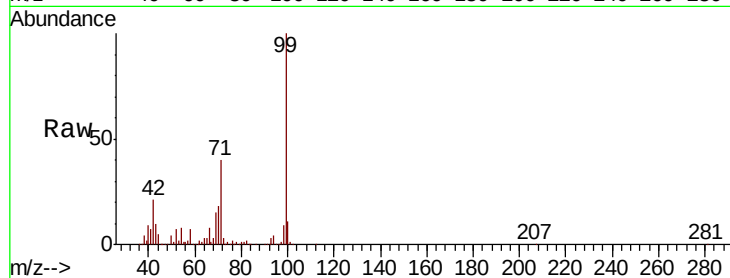
Tot Ion: 99 Resp: 6587759

Ion Ratio Lower Upper

99 100

42 20.9 14.7 22.1

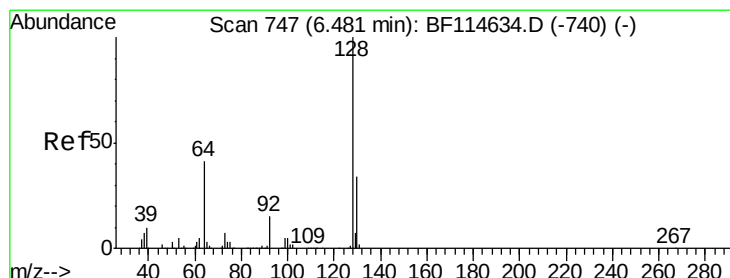
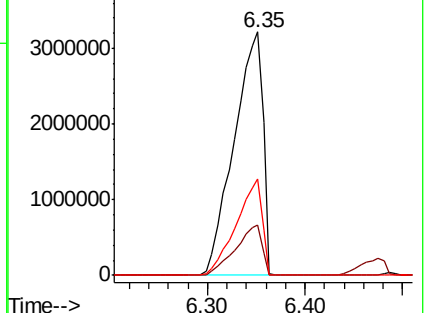
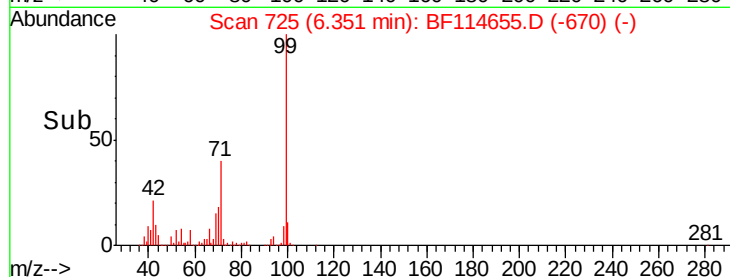
71 39.7 26.6 40.0



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: 17.236 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF114655.D

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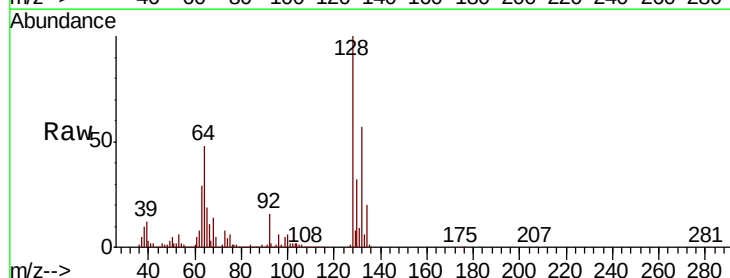
Tgt Ion: 128 Resp: 520734

Ion Ratio Lower Upper

128 100

130 32.4 13.9 53.9

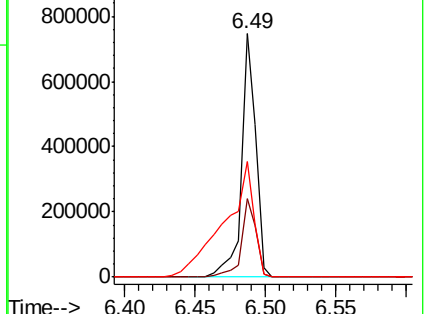
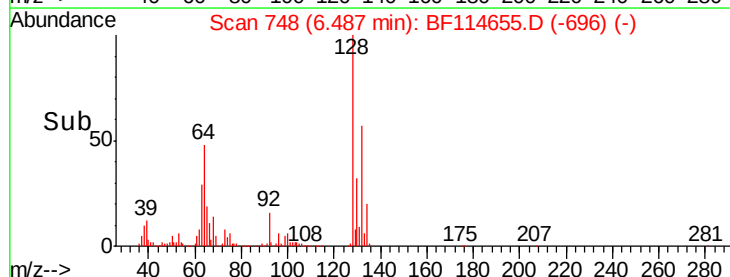
64 47.6 22.0 62.0

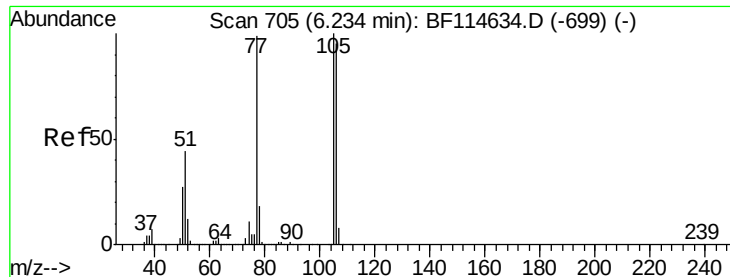


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 25.823 ng

RT: 6.25 min Scan# 707

Delta R.T. 0.01 min

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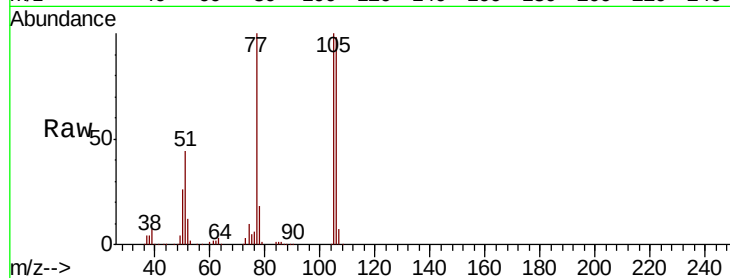
Tot Ion: 77 Resp: 464464

Ion Ratio Lower Upper

77 100

105 99.9 80.8 120.8

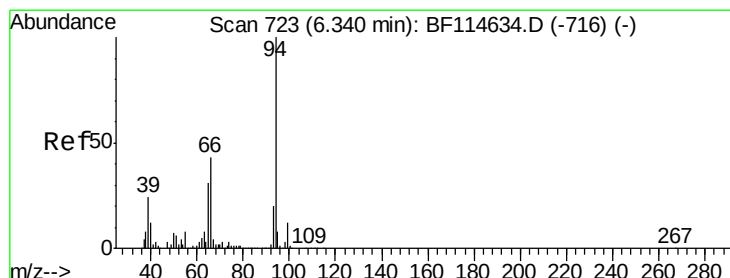
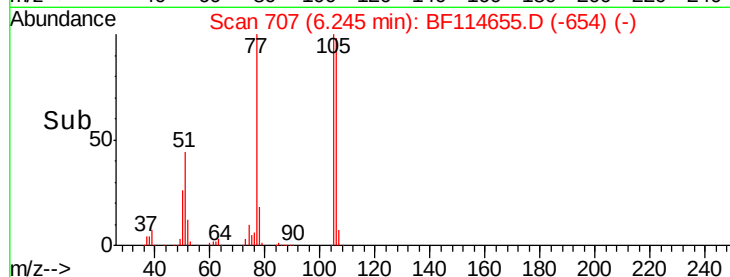
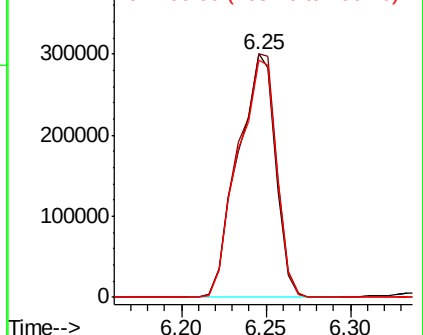
106 97.7 76.2 116.2



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 15.523 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.02 min

Lab File: BF114655.D

Acq: 30 May 2019 12:35

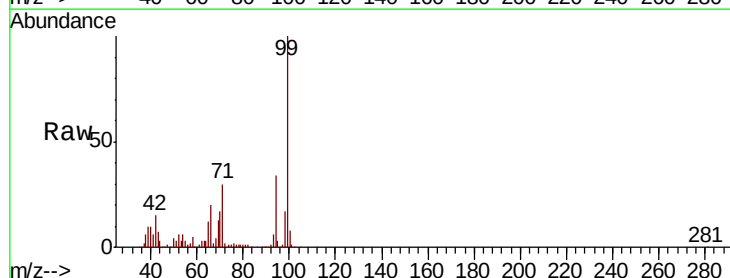
Tgt Ion: 94 Resp: 591134

Ion Ratio Lower Upper

94 100

65 36.1 11.0 51.0

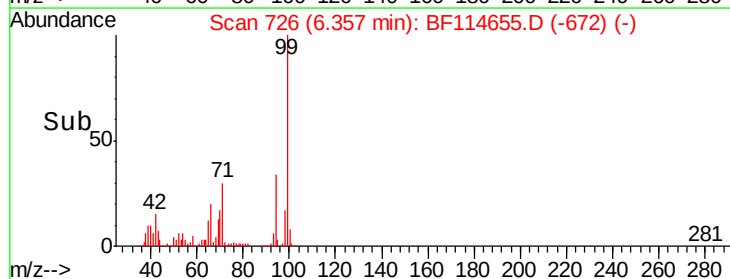
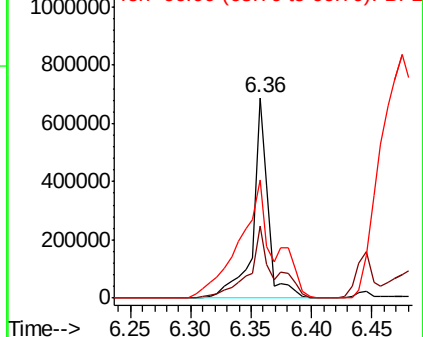
66 58.8 23.0 63.0

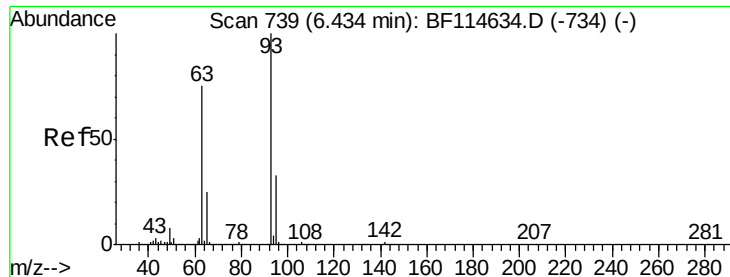


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

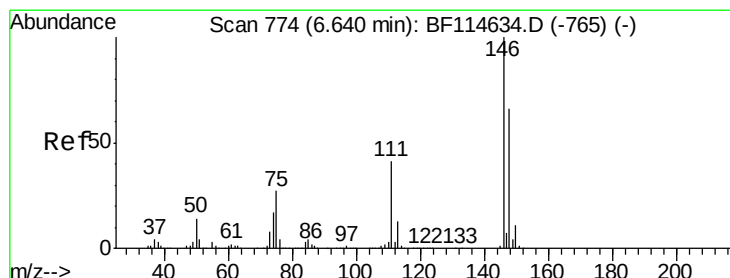
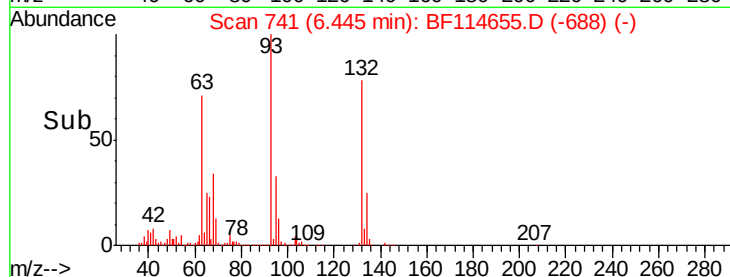
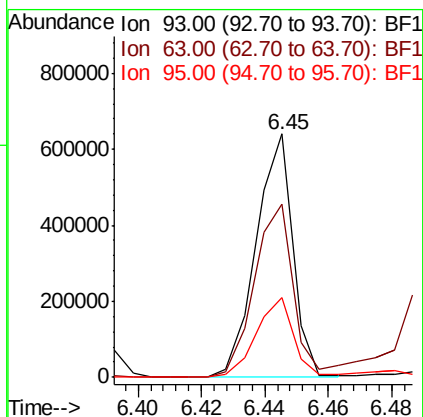
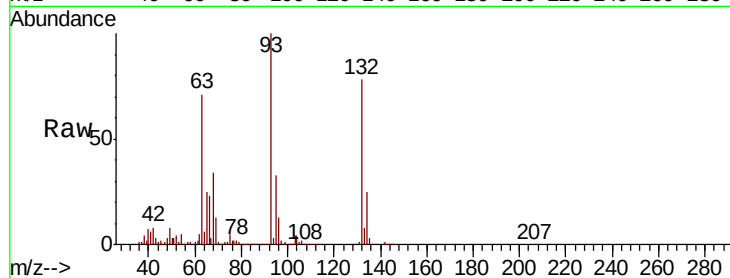




#11
bis(2-Chloroethyl)ether
Concen: 17.576 ng
RT: 6.45 min Scan# 741
Delta R.T. 0.01 min
Lab File: BF114655.D
Acq: 30 May 2019 12:35

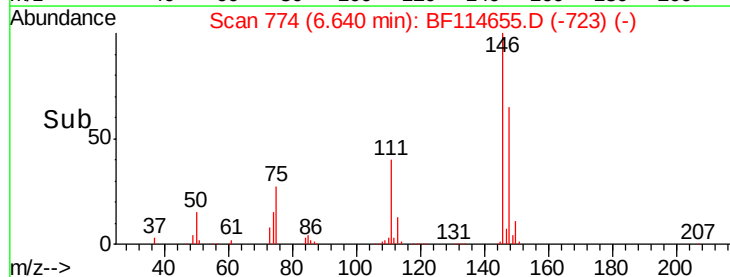
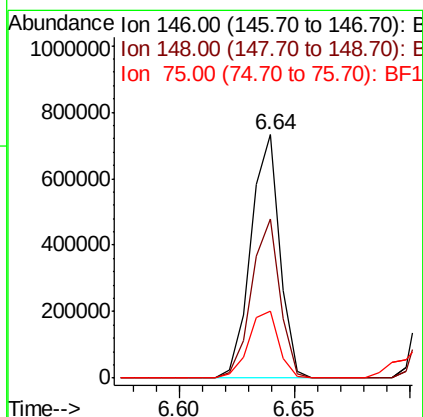
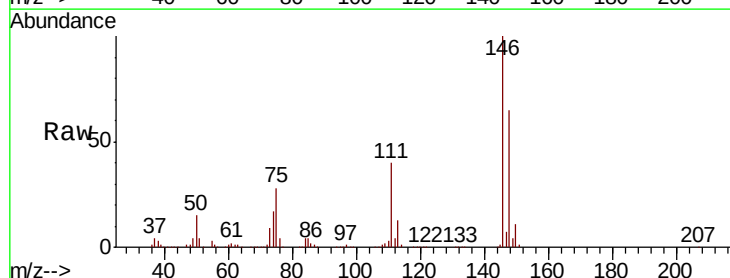
Instrument :
BNA_F
ClientSampleId :

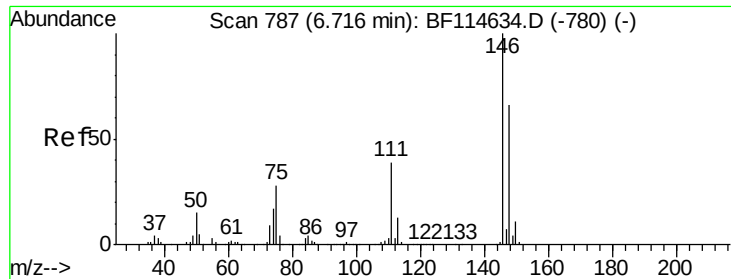
Tot Ion	93	Resp	511961
Ion	Ratio	Lower	Upper
93	100		
63	71.1	55.0	95.0
95	32.8	13.5	53.5



#12
1,3-Dichlorobenzene
Concen: 18.608 ng
RT: 6.64 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF114655.D
Acq: 30 May 2019 12:35

Tgt Ion	146	Resp	640496
Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.9	79.3
75	27.7	22.0	33.0

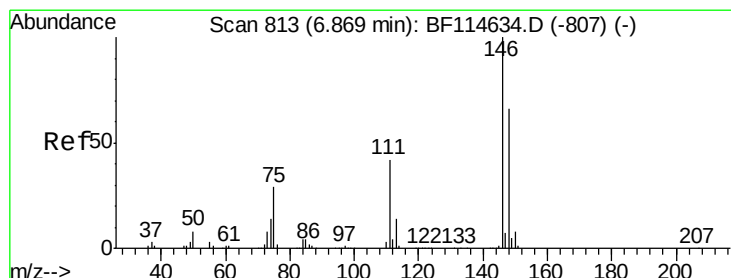
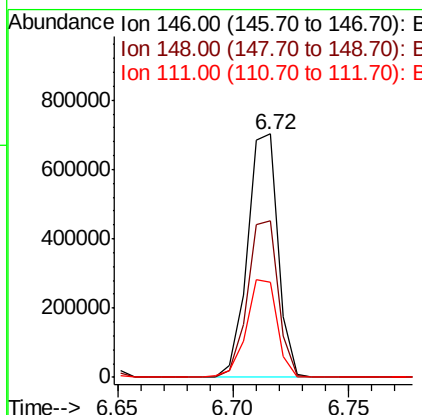
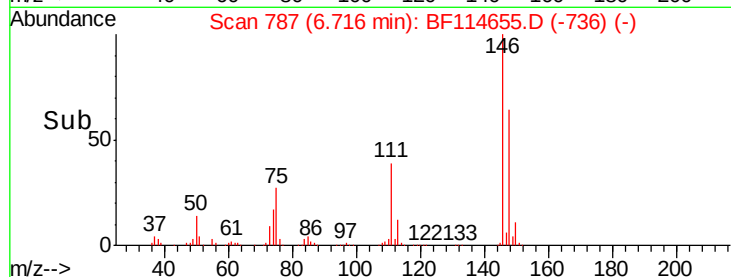
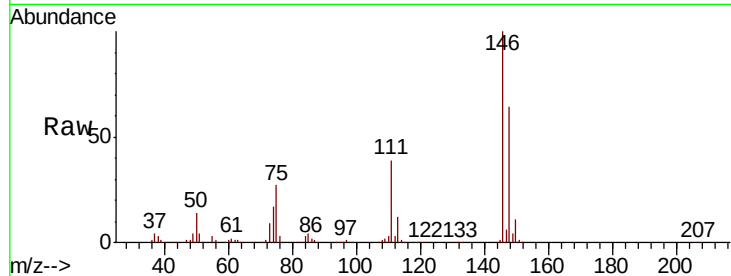




#13
 1,4-Dichlorobenzene
 Concen: 18.843 ng
 RT: 6.72 min Scan# 787
 Delta R.T. 0.00 min
 Lab File: BF114655.D
 Acq: 30 May 2019 12:35

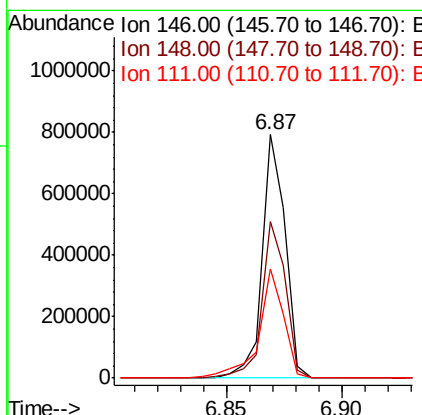
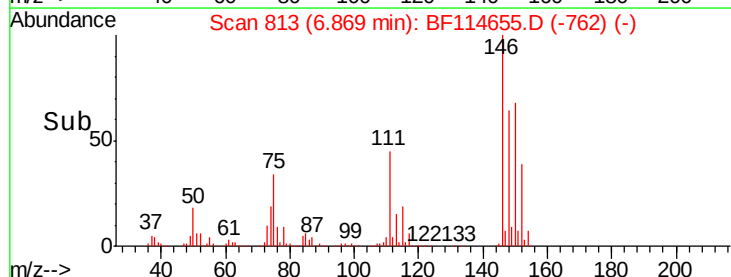
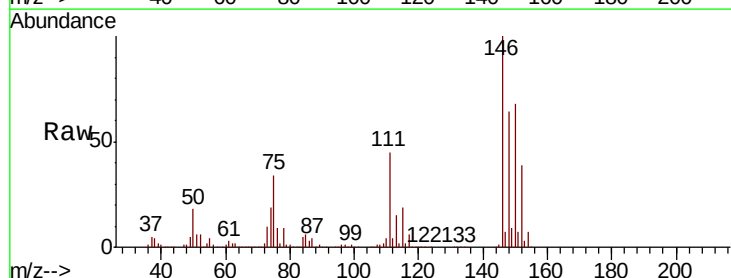
Instrument :
 BNA_F
 ClientSampleId :

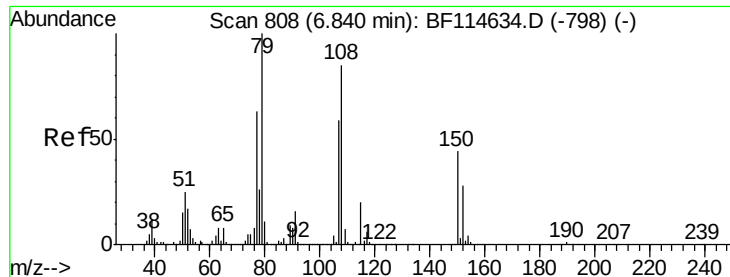
Tot Ion:146 Resp: 650643
 Ion Ratio Lower Upper
 146 100
 148 64.4 52.5 78.7
 111 39.0 31.4 47.2



#14
 1,2-Dichlorobenzene
 Concen: 17.565 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF114655.D
 Acq: 30 May 2019 12:35

Tgt Ion:146 Resp: 552205
 Ion Ratio Lower Upper
 146 100
 148 64.4 52.6 79.0
 111 45.1 34.1 51.1





#15

Benzyl Alcohol

Concen: 20.021 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF114655.D

Acq: 30 May 2019 12:35

Instrument :

BNA_F

ClientSampleId :

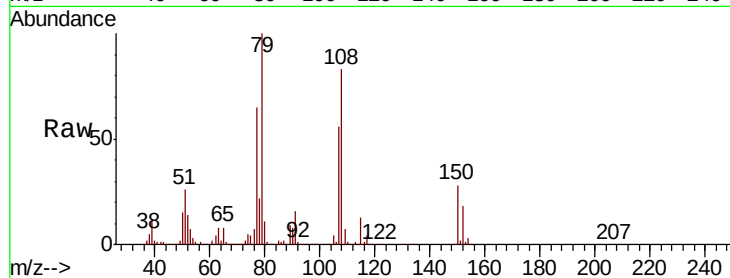
Tot Ion: 79 Resp: 496454

Ion Ratio Lower Upper

79 100

108 83.3 67.8 101.8

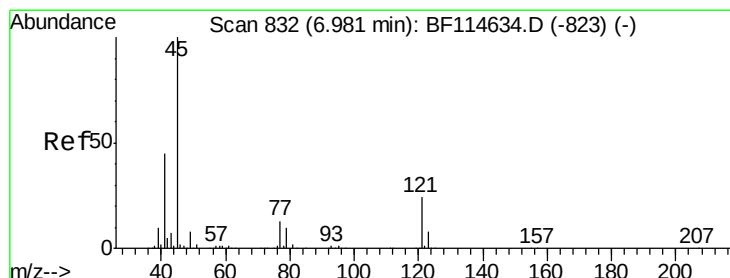
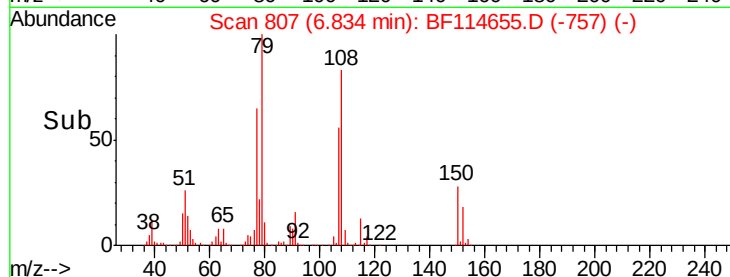
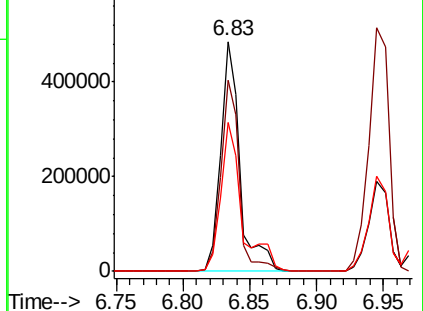
77 65.0 50.7 76.1



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 17.270 ng

RT: 6.98 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF114655.D

Acq: 30 May 2019 12:35

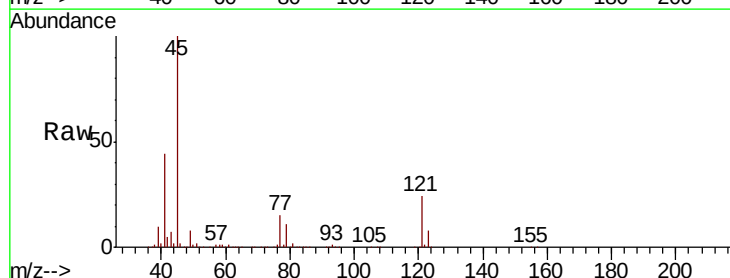
Tgt Ion: 45 Resp: 771596

Ion Ratio Lower Upper

45 100

77 14.8 0.0 34.7

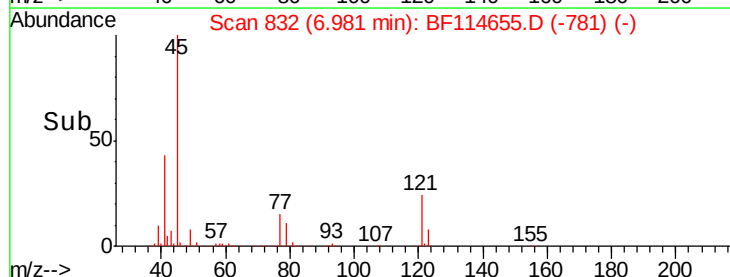
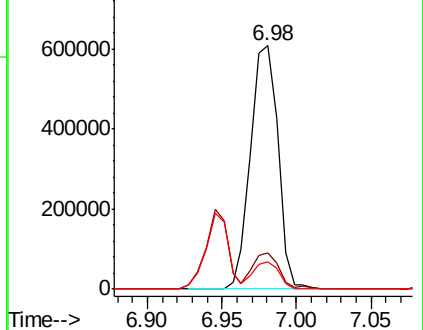
79 11.4 0.0 31.3

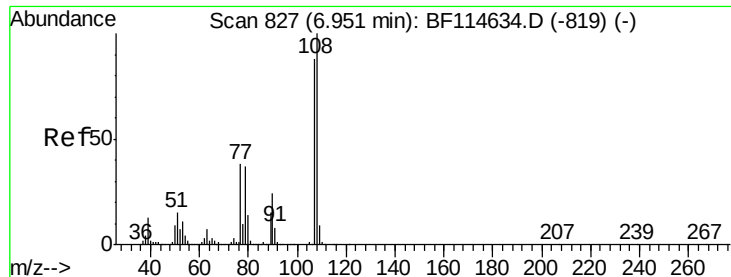


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 17.961 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF114655.D

Acq: 30 May 2019 12:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 458951

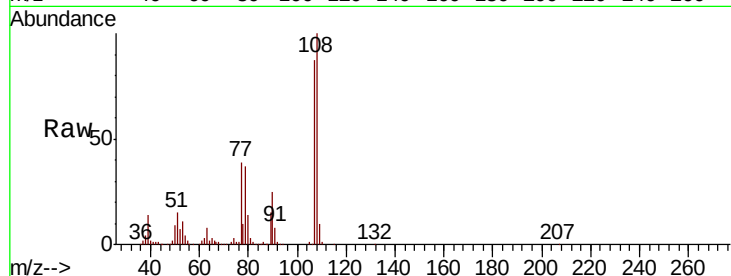
Ion Ratio Lower Upper

107 100

108 115.3 91.1 136.7

77 45.0 34.9 52.3

79 42.4 33.8 50.6

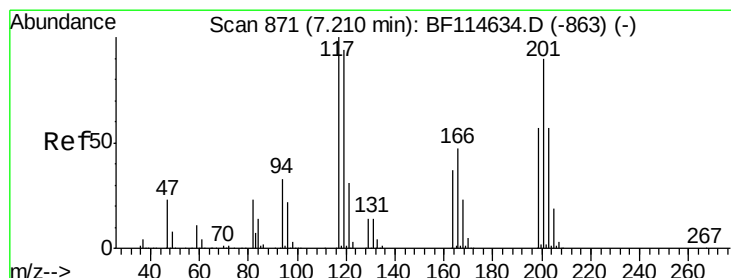
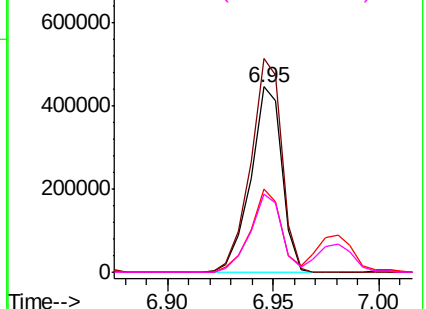
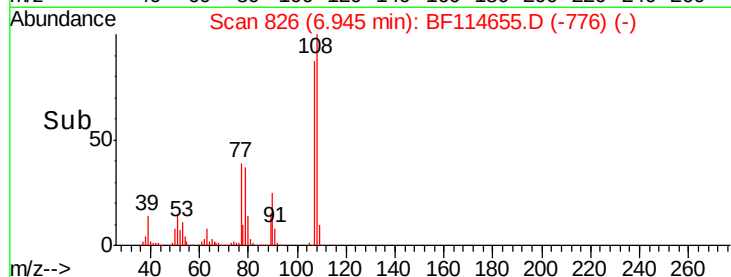


Abundance Ion 107.00 (106.70 to 107.70): E

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



#18

Hexachloroethane

Concen: 17.769 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF114655.D

Acq: 30 May 2019 12:35

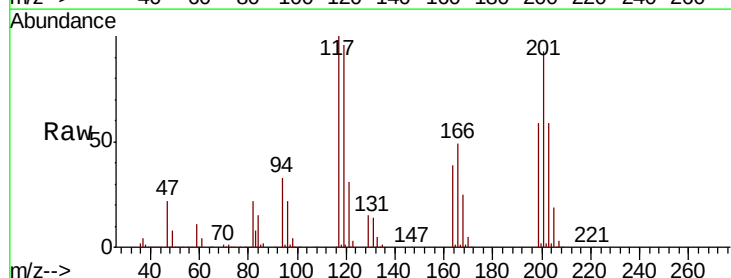
Tgt Ion:117 Resp: 232307

Ion Ratio Lower Upper

117 100

119 96.2 75.6 113.4

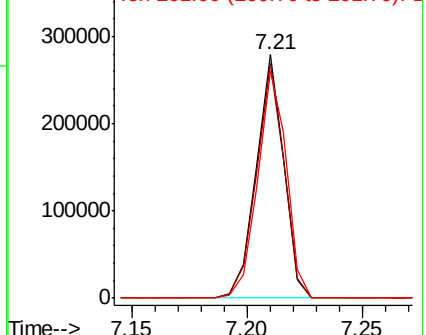
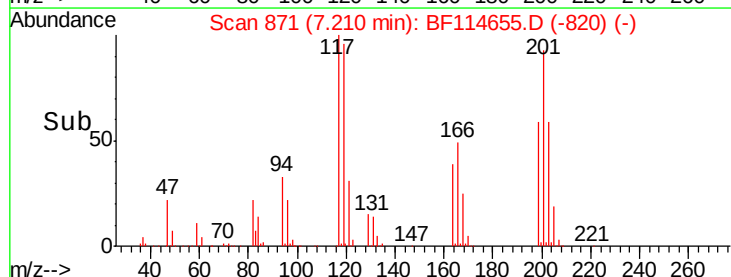
201 93.0 71.7 107.5

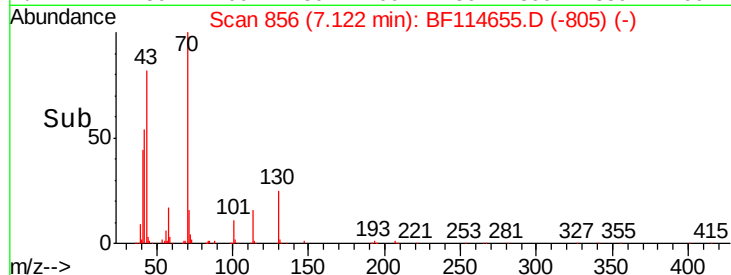
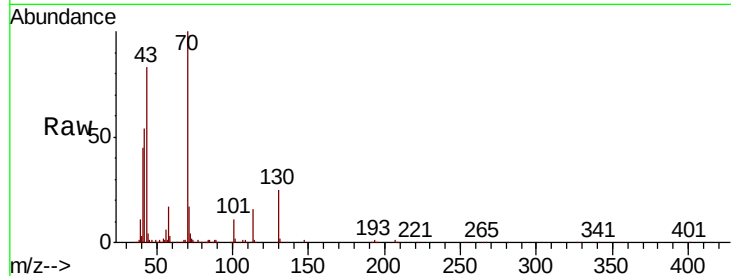
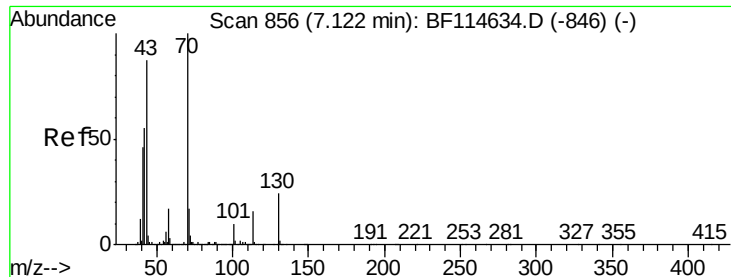


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

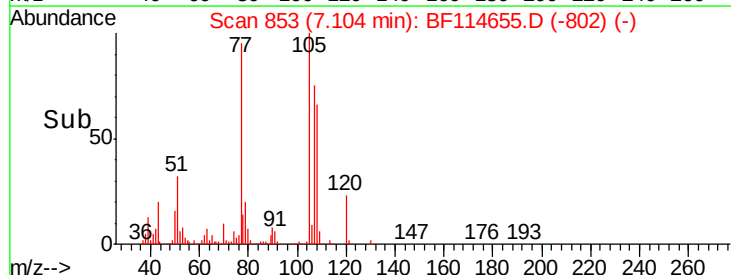
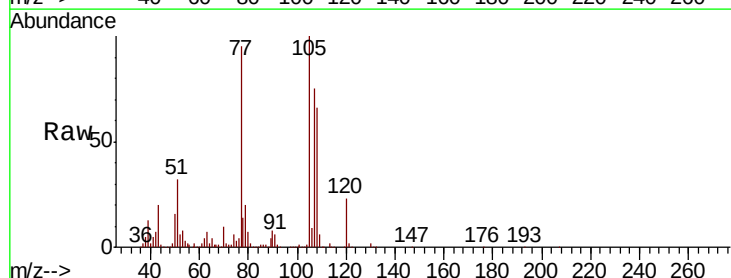
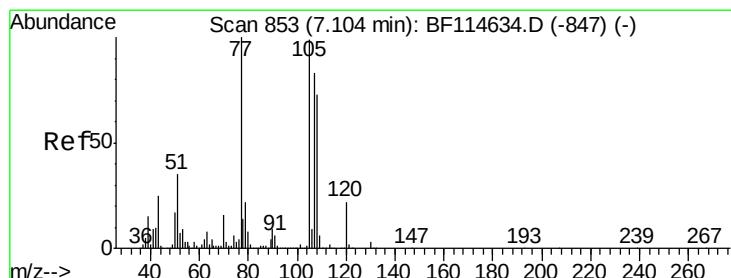
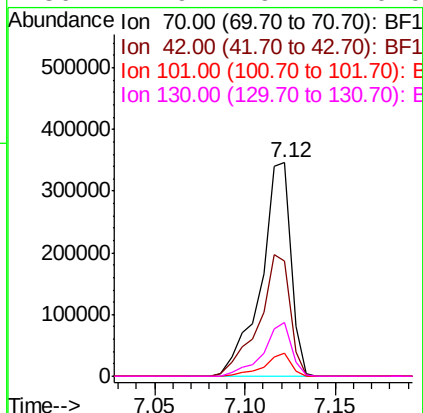




#19
n-Nitroso-di-n-propylamine
Concen: 18.346 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF114655.D
Acq: 30 May 2019 12:35

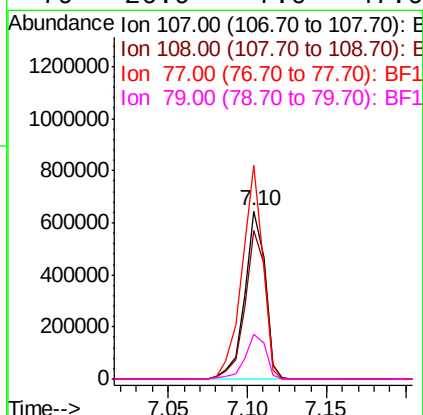
Instrument :
BNA_F
ClientSampleId :

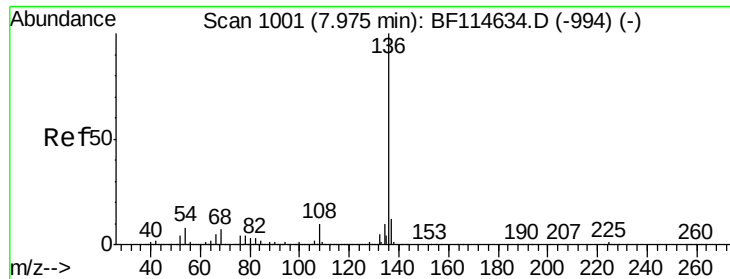
Tot Ion:	70	Resp:	399210
Ion	Ratio	Lower	Upper
70	100		
42	54.2	44.4	66.6
101	10.6	8.2	12.4
130	24.9	19.4	29.0



#20
3+4-Methylphenols
Concen: 19.133 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF114655.D
Acq: 30 May 2019 12:35

Tgt Ion:	107	Resp:	574996
Ion	Ratio	Lower	Upper
107	100		
108	88.6	68.6	108.6
77	127.1	100.5	140.5
79	26.9	7.0	47.0



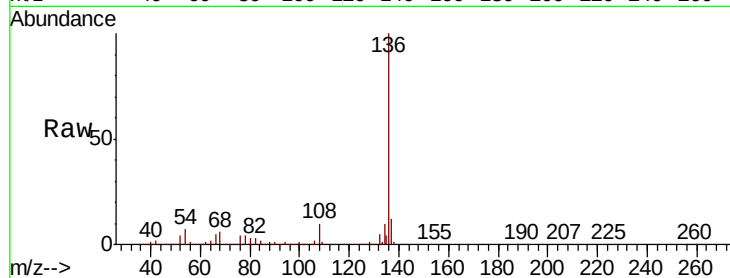


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF114655.D
Acq: 30 May 2019 12:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 1605218

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.3	13.9
54	7.4	6.3	9.5
68	6.3	5.4	8.0



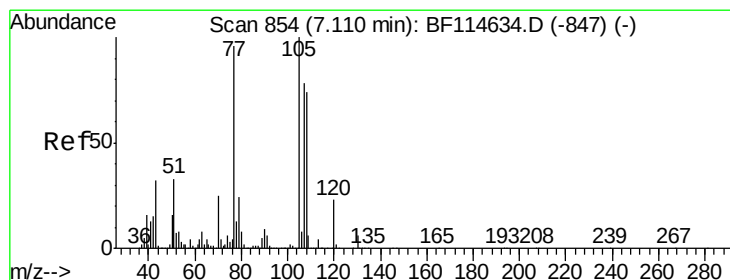
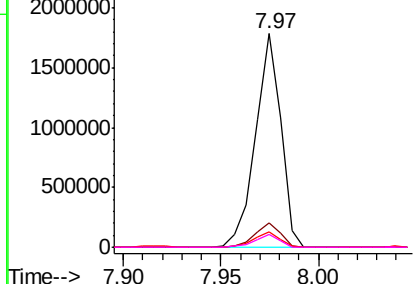
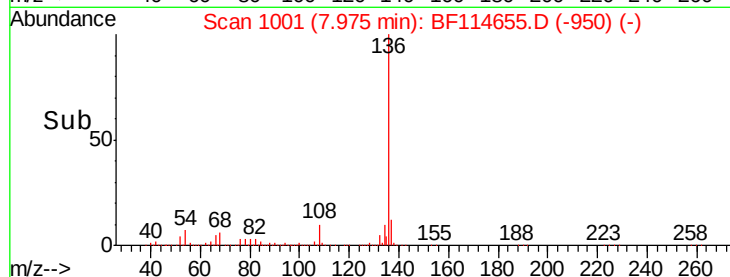
Abundance

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

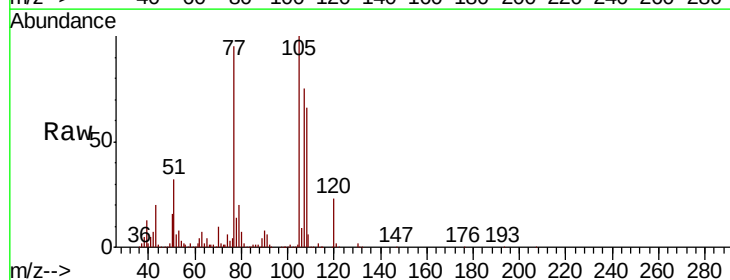
Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 22.683 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF114655.D
Acq: 30 May 2019 12:35

Tgt Ion:105 Resp: 775810

Ion	Ratio	Lower	Upper
105	100		
71	1.6	3.6	5.4#
51	31.9	26.0	39.0
120	23.4	18.8	28.2



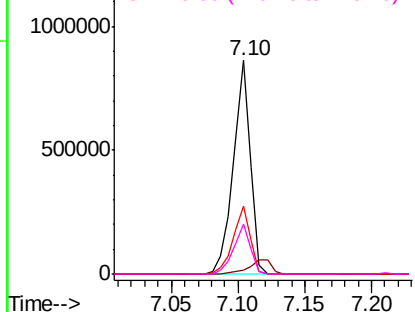
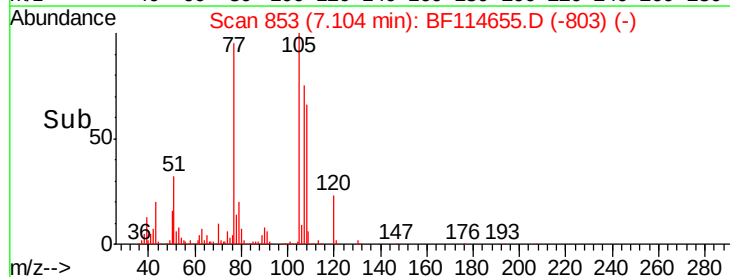
Abundance

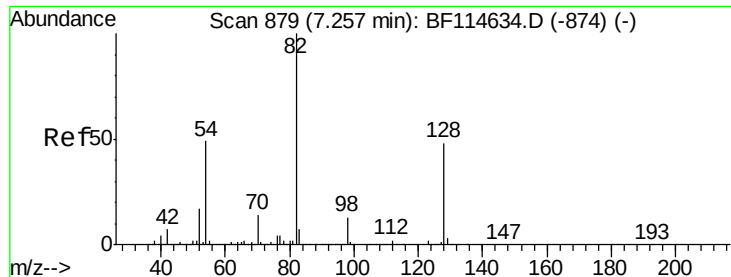
Ion 105.00 (104.70 to 105.70): E

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: 168.748 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.01 min

Lab File: BF114655.D

Acq: 30 May 2019 12:35

Instrument :

BNA_F

ClientSampleId :

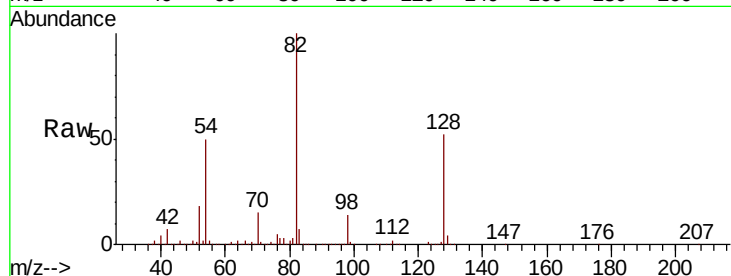
Tot Ion: 82 Resp: 4341736

Ion Ratio Lower Upper

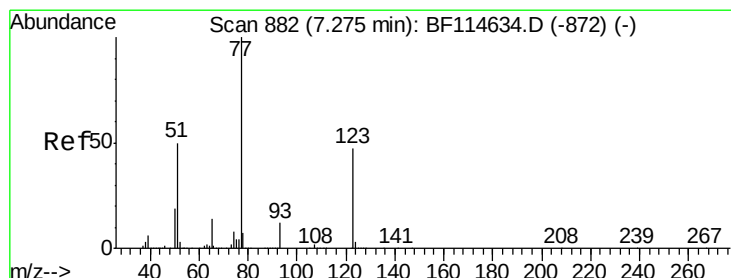
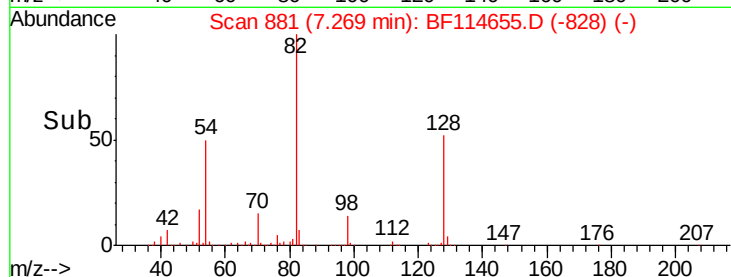
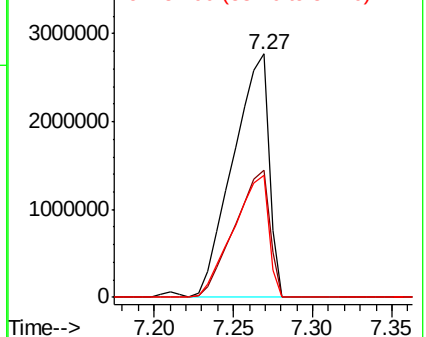
82 100

128 52.4 38.5 57.7

54 50.1 39.1 58.7



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



#24

Nitrobenzene

Concen: 20.809 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.01 min

Lab File: BF114655.D

Acq: 30 May 2019 12:35

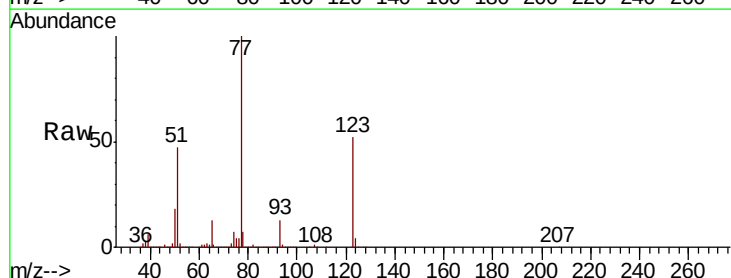
Tgt Ion: 77 Resp: 568728

Ion Ratio Lower Upper

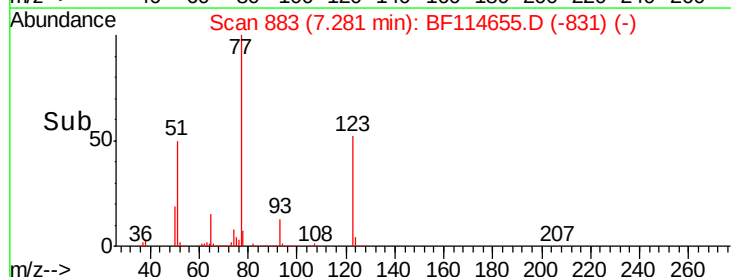
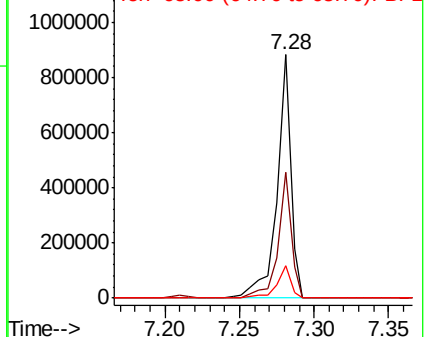
77 100

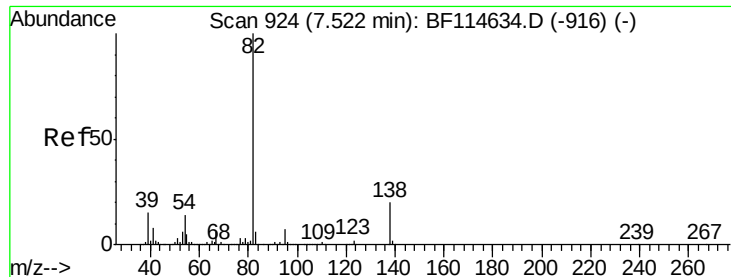
123 51.9 38.5 57.7

65 13.3 11.2 16.8



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





#25

Isophorone

Concen: 20.045 ng

RT: 7.52 min Scan# 923

Delta R.T. -0.01 min

Lab File: BF114655.D

Acq: 30 May 2019 12:35

Instrument :

BNA_F

ClientSampleId :

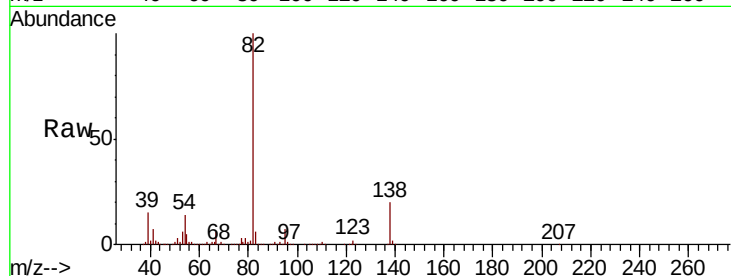
Tot Ion: 82 Resp: 1035005

Ion Ratio Lower Upper

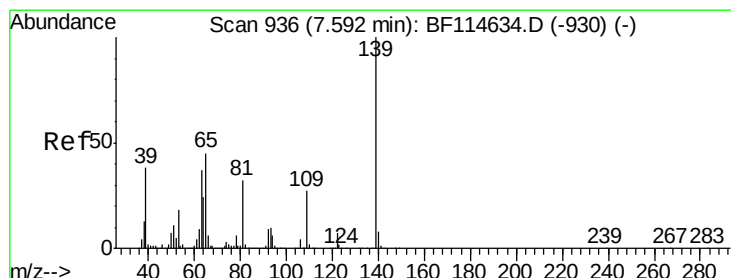
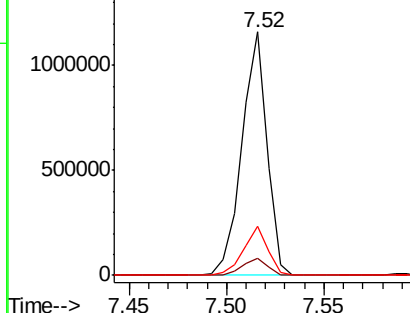
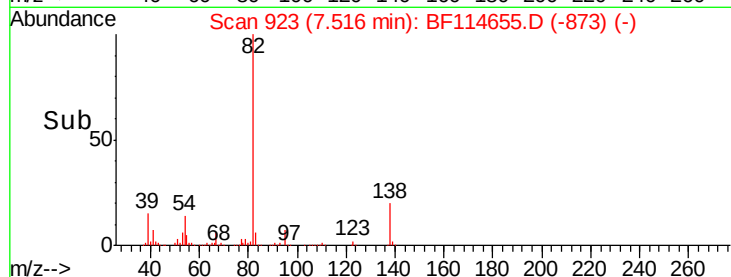
82 100

95 6.9 5.6 8.4

138 20.0 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: 20.934 ng

RT: 7.59 min Scan# 936

Delta R.T. 0.00 min

Lab File: BF114655.D

Acq: 30 May 2019 12:35

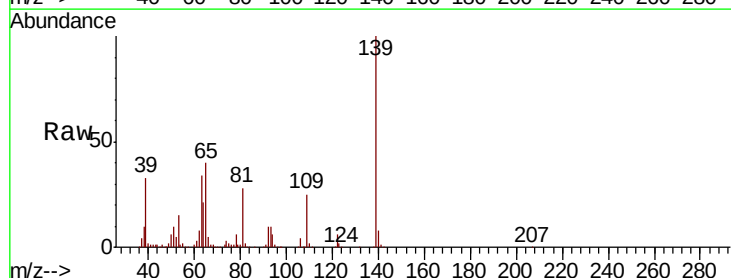
Tgt Ion: 139 Resp: 278509

Ion Ratio Lower Upper

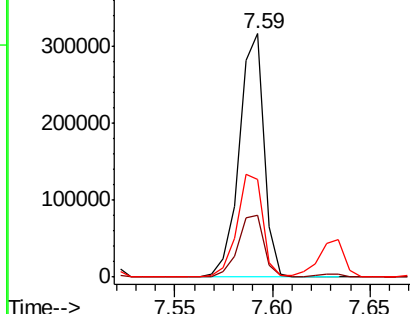
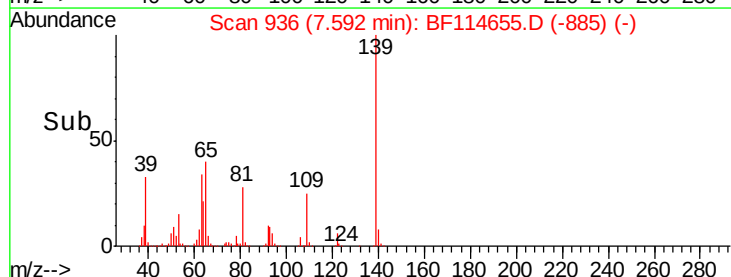
139 100

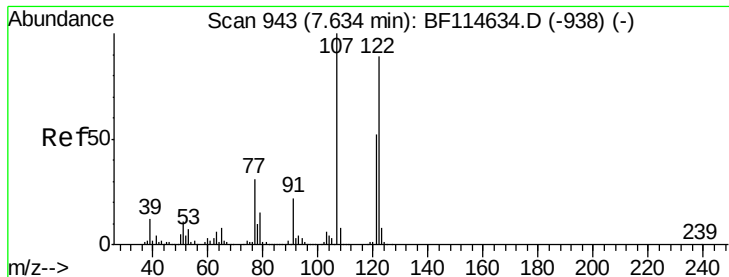
109 25.4 21.7 32.5

65 40.1 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: 22.914 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF114655.D

Acq: 30 May 2019 12:35

Instrument :

BNA_F

ClientSampleId :

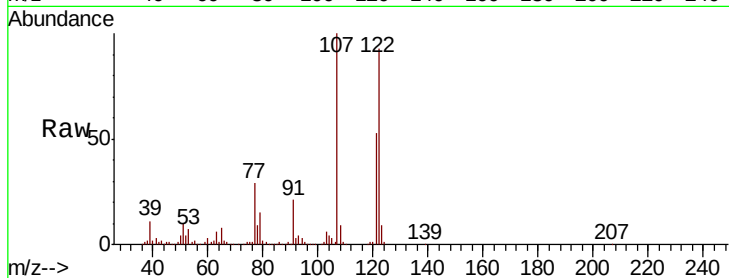
Tot Ion:122 Resp: 506983

Ion Ratio Lower Upper

122 100

107 107.3 89.3 133.9

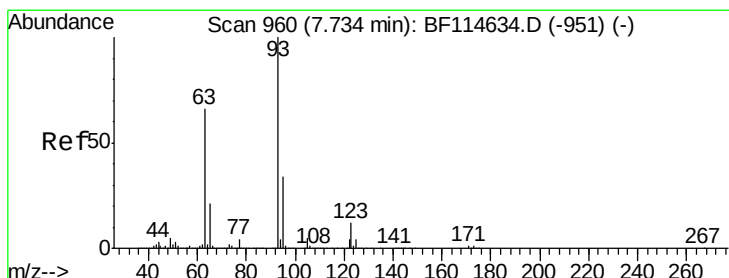
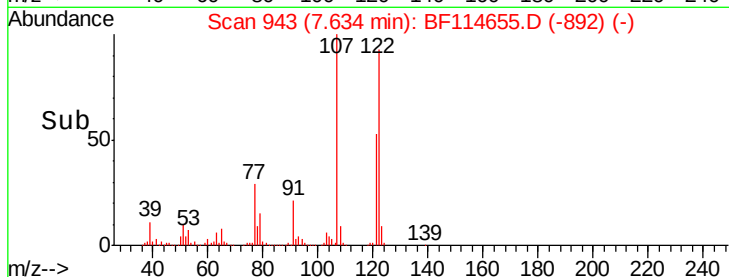
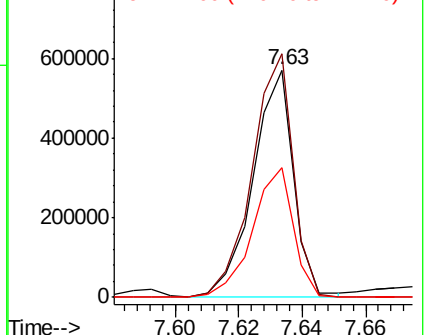
121 57.2 46.8 70.2



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: 20.461 ng

RT: 7.73 min Scan# 959

Delta R.T. -0.01 min

Lab File: BF114655.D

Acq: 30 May 2019 12:35

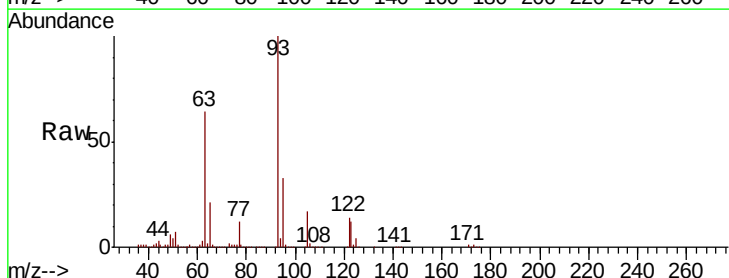
Tgt Ion: 93 Resp: 672531

Ion Ratio Lower Upper

93 100

95 33.2 27.0 40.4

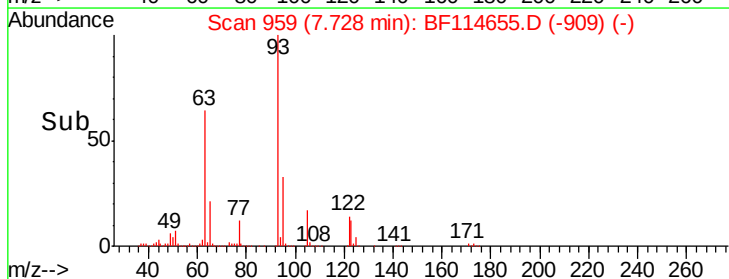
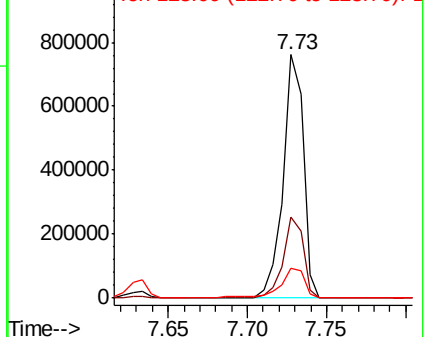
123 12.5 10.2 15.2

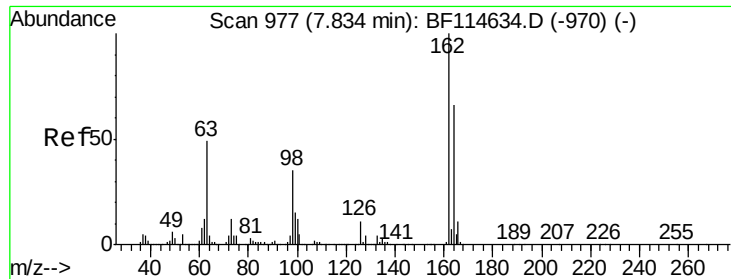


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 21.225 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.01 min

Lab File: BF114655.D

Acq: 30 May 2019 12:35

Instrument :

BNA_F

ClientSampleId :

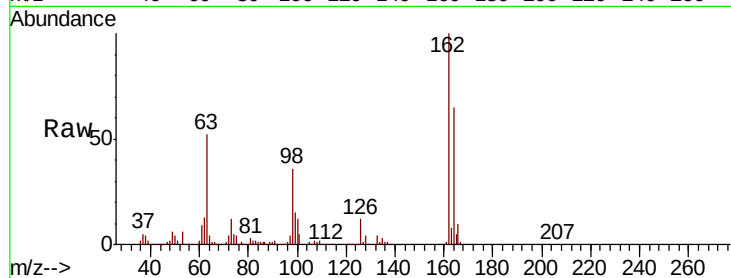
Tot Ion:162 Resp: 478007

Ion Ratio Lower Upper

162 100

164 64.8 45.8 85.8

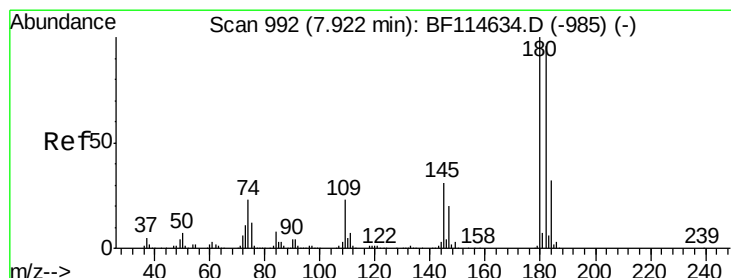
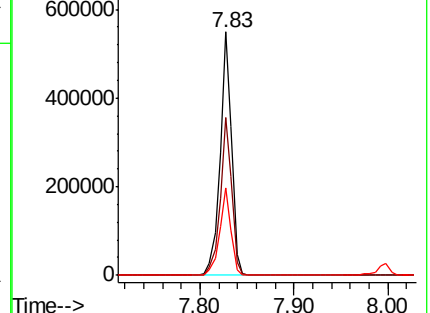
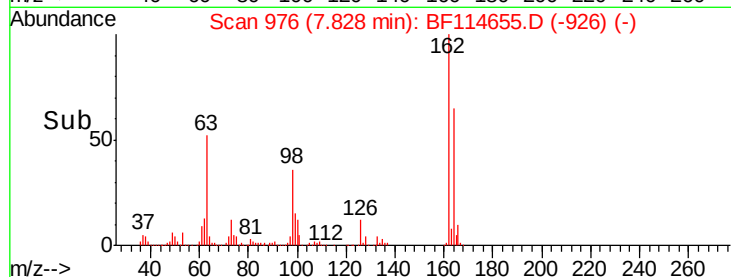
98 36.1 14.9 54.9



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: 21.234 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.01 min

Lab File: BF114655.D

Acq: 30 May 2019 12:35

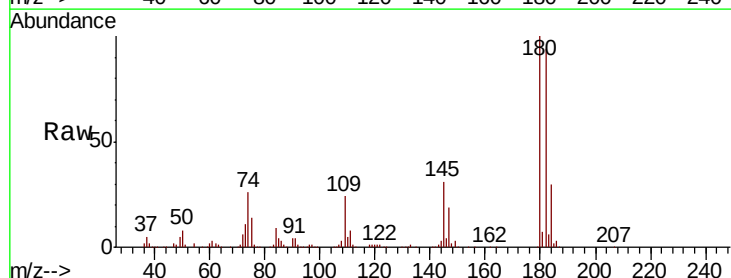
Tgt Ion:180 Resp: 544832

Ion Ratio Lower Upper

180 100

182 94.1 76.9 115.3

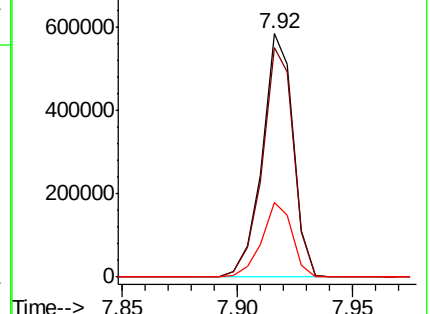
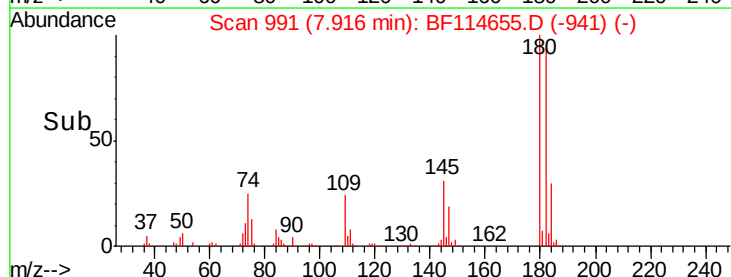
145 30.9 24.5 36.7

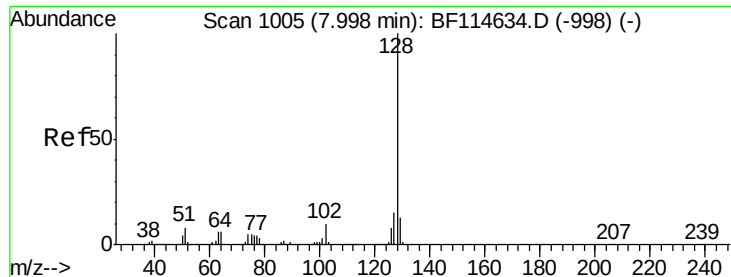


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

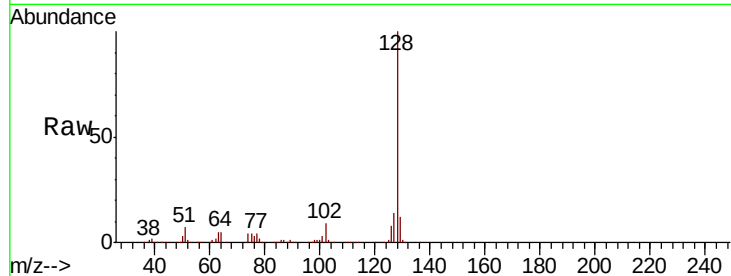




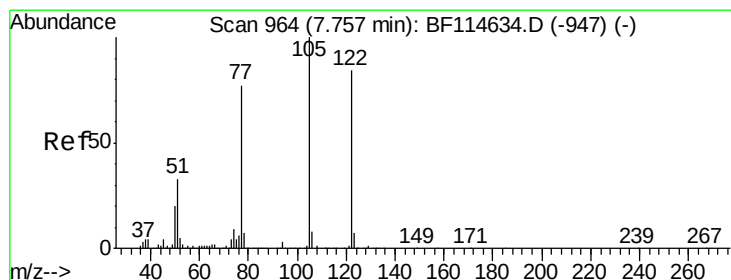
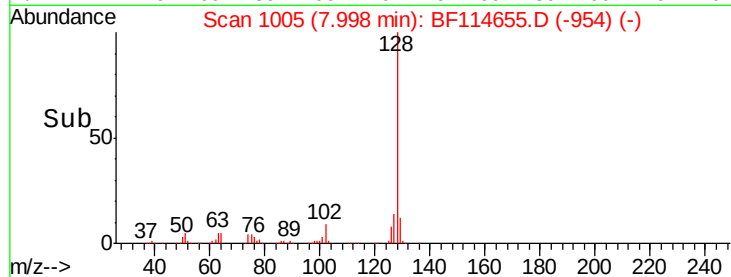
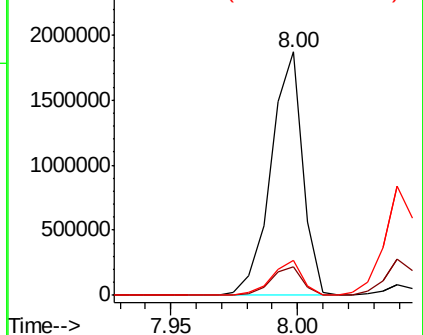
#31
Naphthalene
Concen: 22.311 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF114655.D
Acq: 30 May 2019 12:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 1649622
Ion Ratio Lower Upper
128 100
129 11.7 10.2 15.2
127 14.2 11.9 17.9

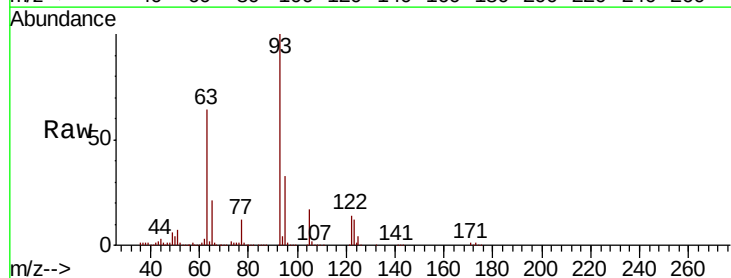


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

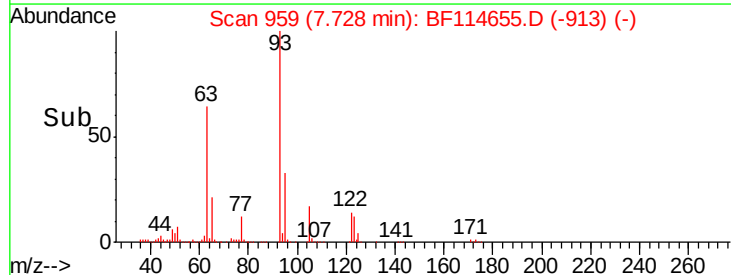
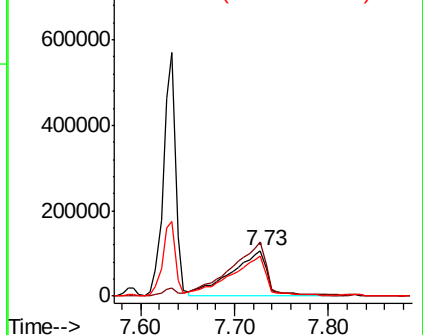


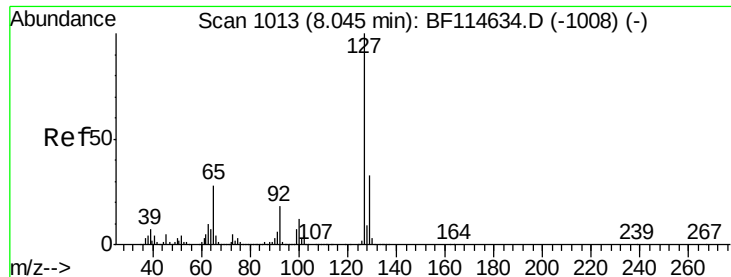
#32
Benzoic acid
Concen: 19.615 ng
RT: 7.73 min Scan# 959
Delta R.T. -0.03 min
Lab File: BF114655.D
Acq: 30 May 2019 12:35

Tgt Ion:122 Resp: 281895
Ion Ratio Lower Upper
122 100
105 119.6 98.3 138.3
77 87.6 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

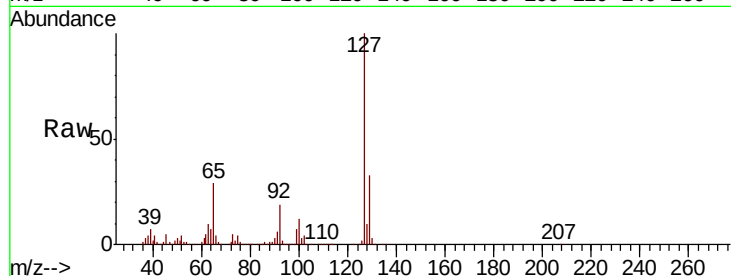




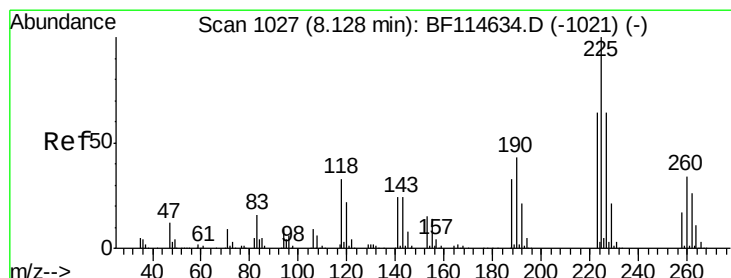
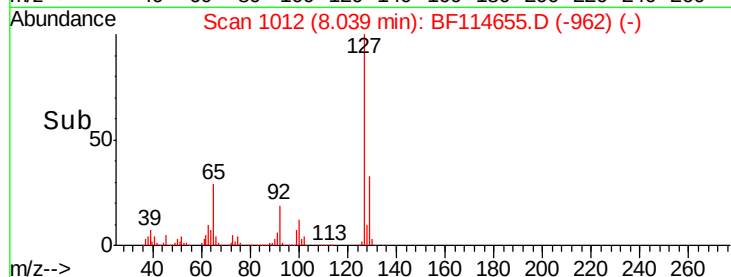
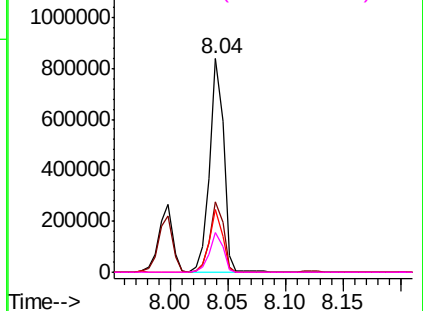
#33
4-Chloroaniline
Concen: 20.169 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF114655.D
Acq: 30 May 2019 12:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	710490
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.7	40.1
65	29.2	22.5	33.7
92	18.8	14.6	22.0

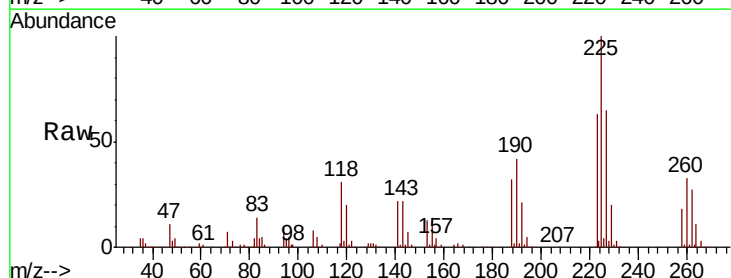


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

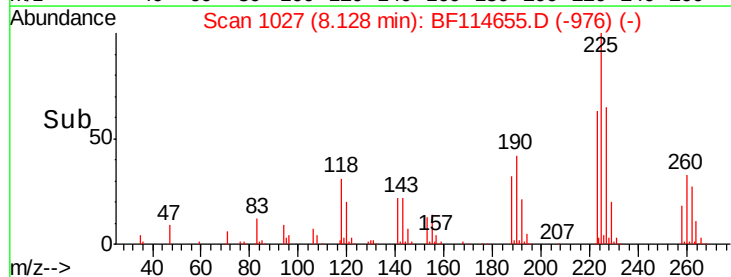
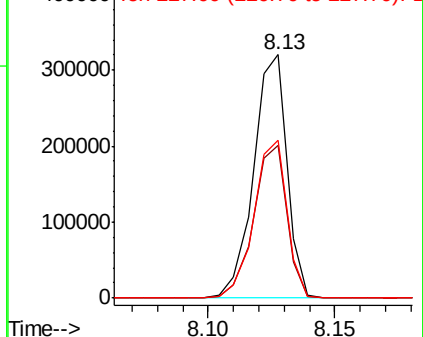


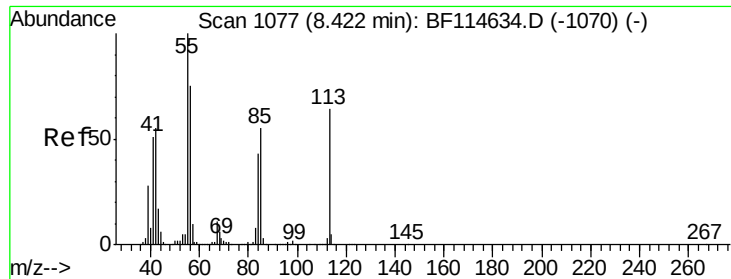
#34
Hexachlorobutadiene
Concen: 20.653 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF114655.D
Acq: 30 May 2019 12:35

Tgt Ion:	225	Resp:	294376
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.9	76.3
227	64.7	51.3	76.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

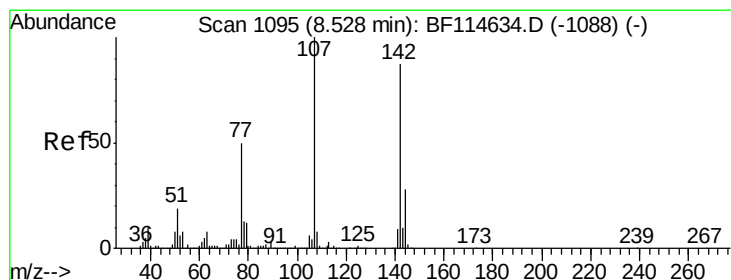
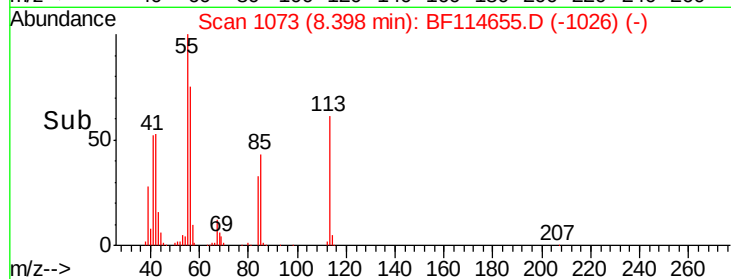
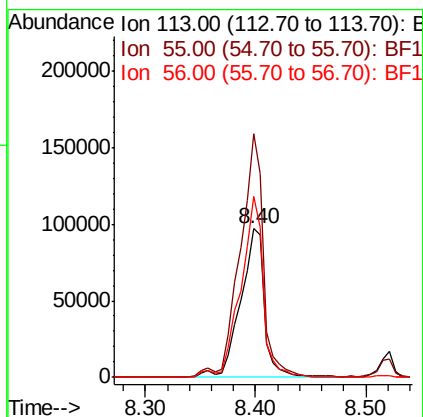
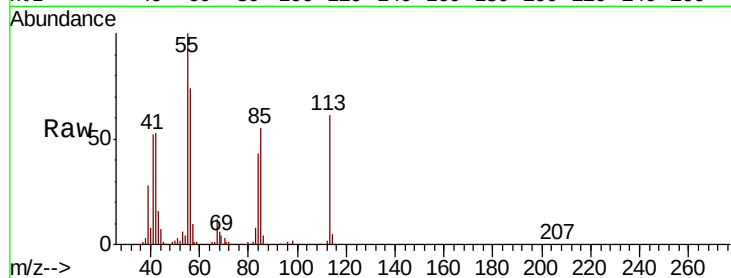




#35
 Caprolactam
 Concen: 19.345 ng
 RT: 8.40 min Scan# 1073
 Delta R.T. -0.02 min
 Lab File: BF114655.D
 Acq: 30 May 2019 12:35

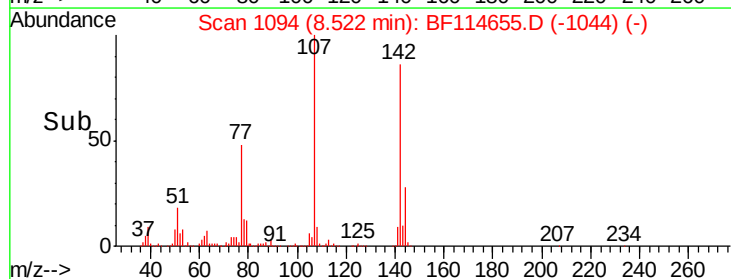
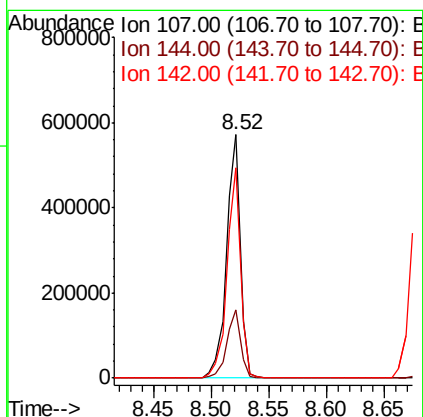
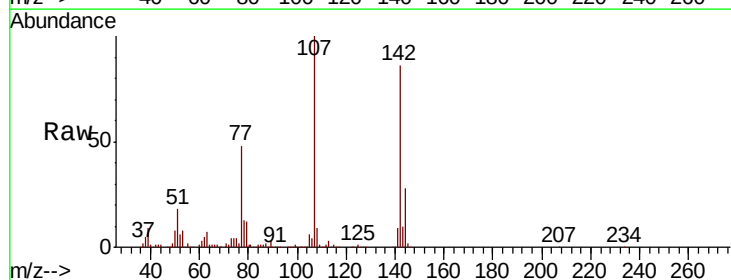
Instrument :
 BNA_F
 ClientSampleId :

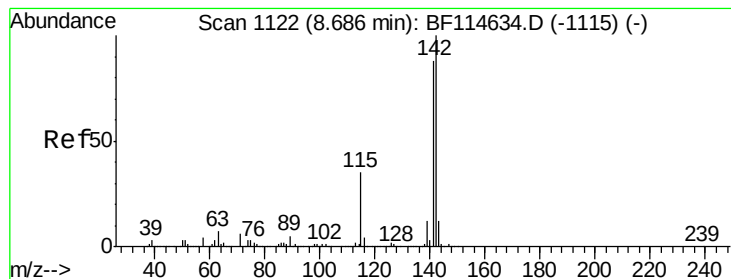
Tot Ion:113 Resp: 147029
 Ion Ratio Lower Upper
 113 100
 55 164.2 136.4 176.4
 56 122.2 97.0 137.0



#36
 4-Chloro-3-methylphenol
 Concen: 21.094 ng
 RT: 8.52 min Scan# 1094
 Delta R.T. -0.01 min
 Lab File: BF114655.D
 Acq: 30 May 2019 12:35

Tgt Ion:107 Resp: 476414
 Ion Ratio Lower Upper
 107 100
 144 28.2 22.5 33.7
 142 86.4 69.8 104.6

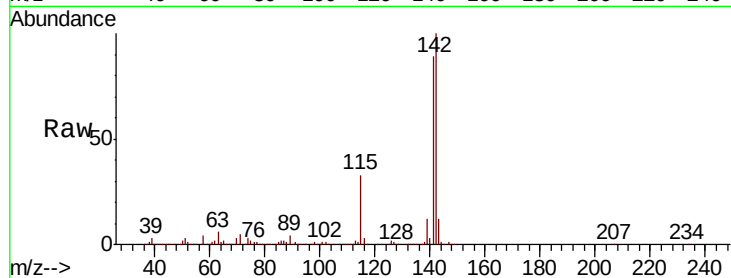




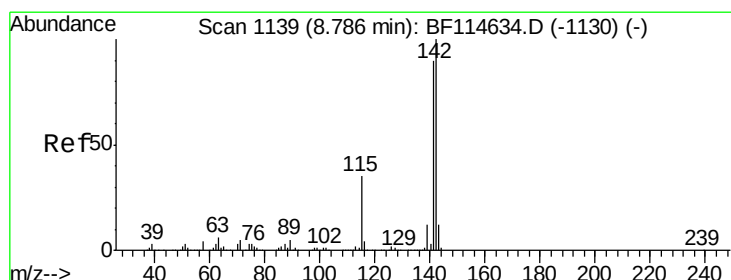
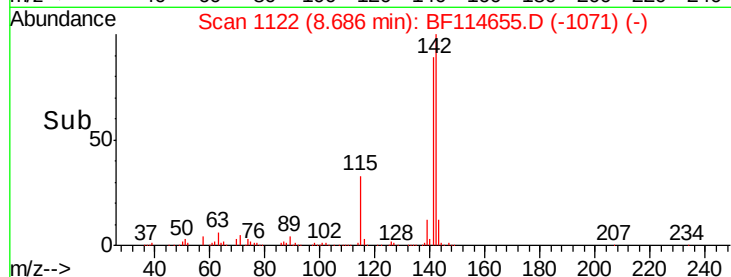
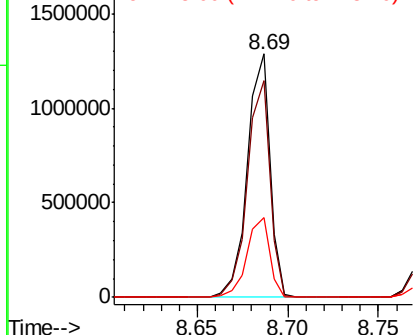
#37
 2-Methylnaphthalene
 Concen: 22.719 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. 0.00 min
 Lab File: BF114655.D
 Acq: 30 May 2019 12:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 1116090
 Ion Ratio Lower Upper
 142 100
 141 89.3 70.3 105.5
 115 32.6 28.0 42.0

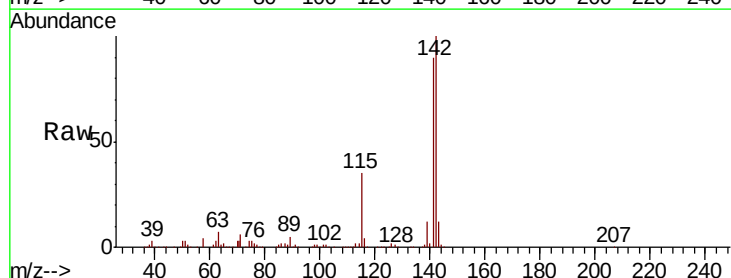


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

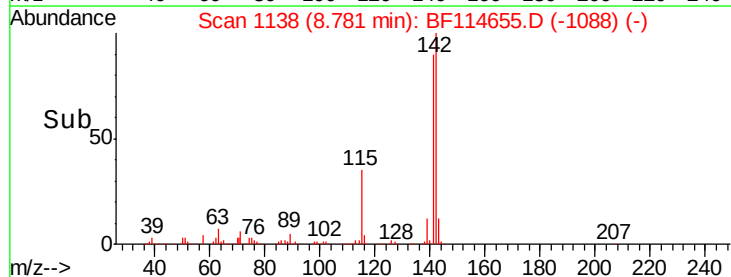
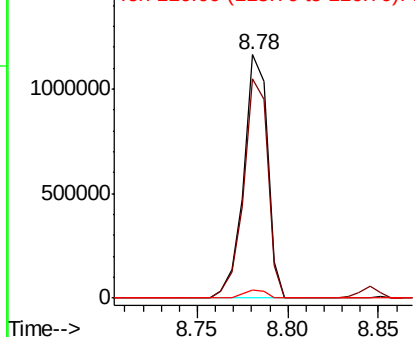


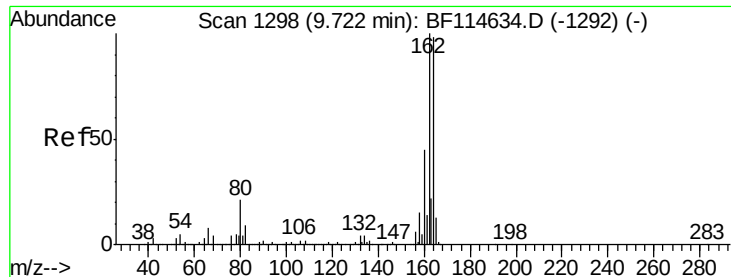
#38
 1-Methylnaphthalene
 Concen: 22.975 ng
 RT: 8.78 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: BF114655.D
 Acq: 30 May 2019 12:35

Tgt Ion:142 Resp: 1069389
 Ion Ratio Lower Upper
 142 100
 141 90.3 72.3 108.5
 116 3.6 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: BF114655.D

Acq: 30 May 2019 12:35

Instrument :

BNA_F

ClientSampleId :

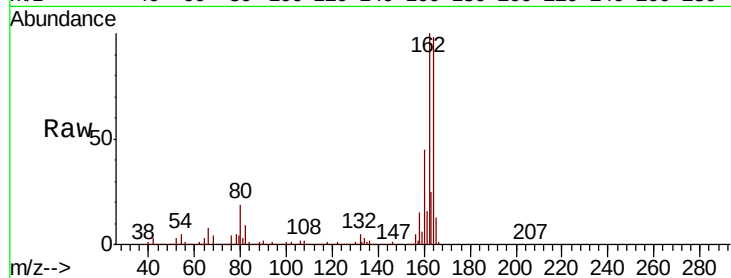
Tot Ion:164 Resp: 799479

Ion Ratio Lower Upper

164 100

162 102.0 81.4 122.2

160 45.9 36.6 54.8

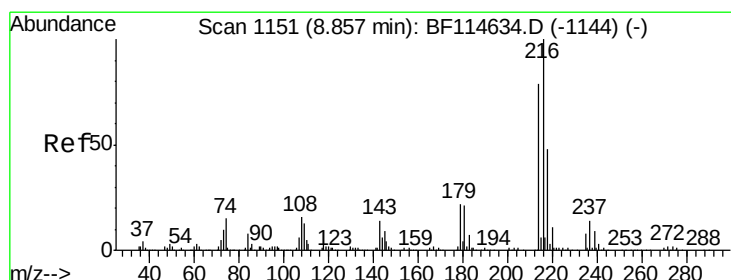
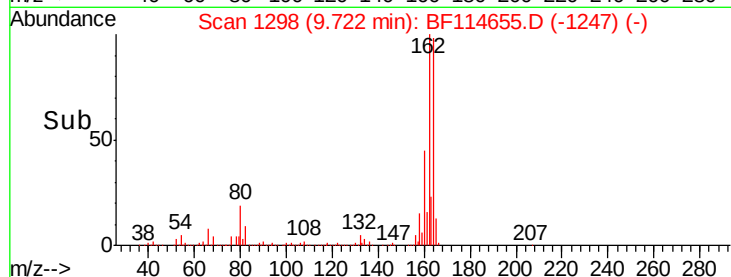
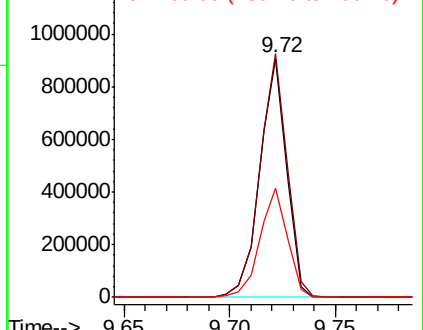


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 22.796 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF114655.D

Acq: 30 May 2019 12:35

Tgt Ion:216 Resp: 485342

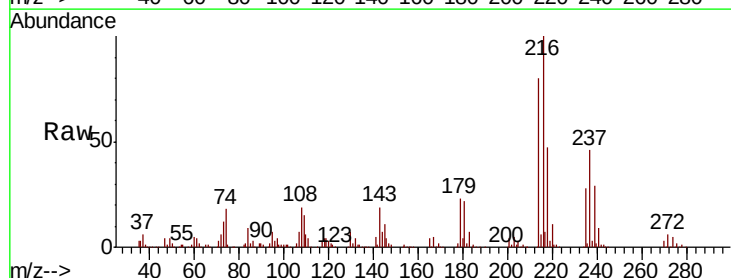
Ion Ratio Lower Upper

216 100

214 78.8 63.2 94.8

179 22.0 17.9 26.9

108 19.7 15.8 23.8



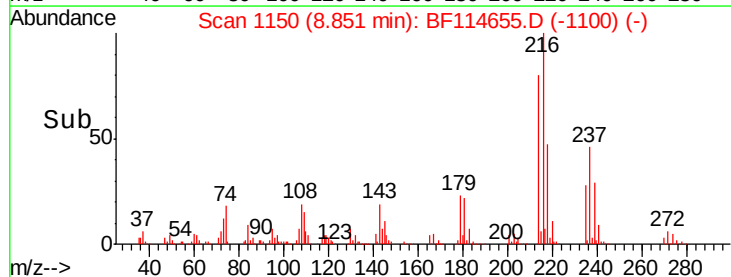
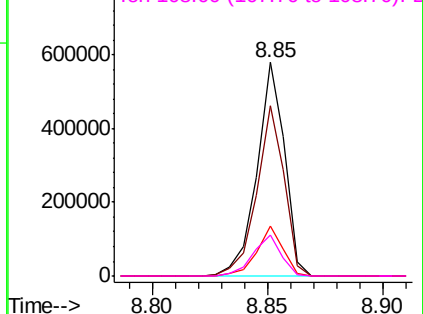
Abundance

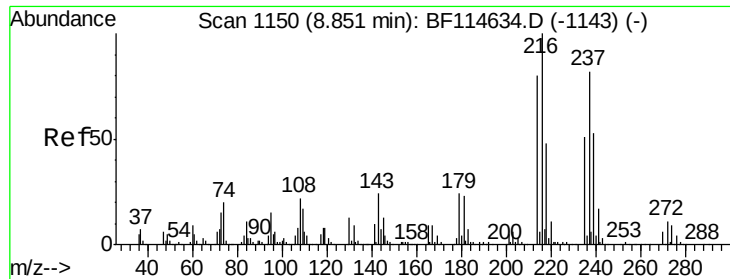
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

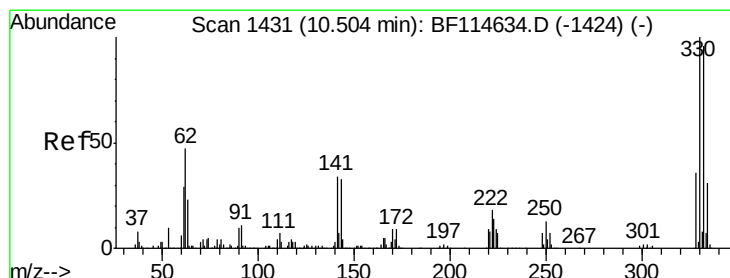
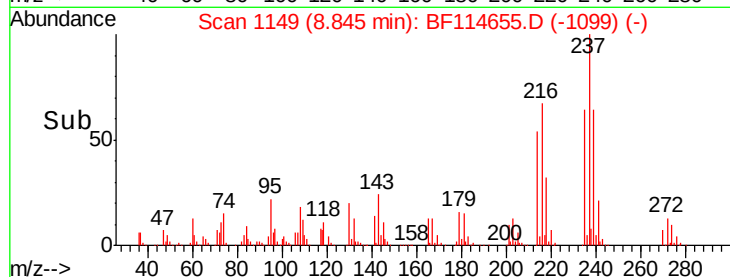
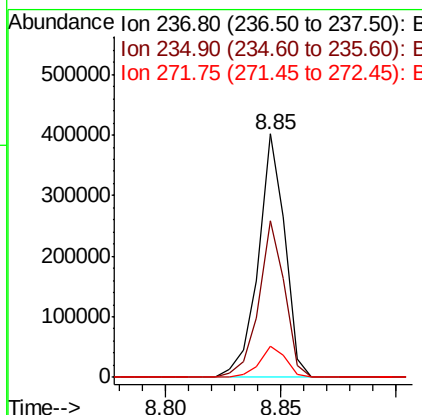
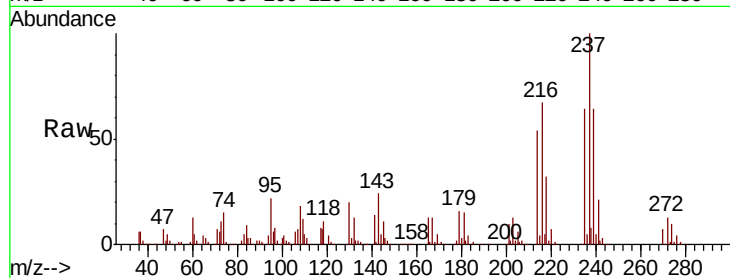




#41
 Hexachlorocyclopentadiene
 Concen: 22.986 ng
 RT: 8.85 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BF114655.D
 Acq: 30 May 2019 12:35

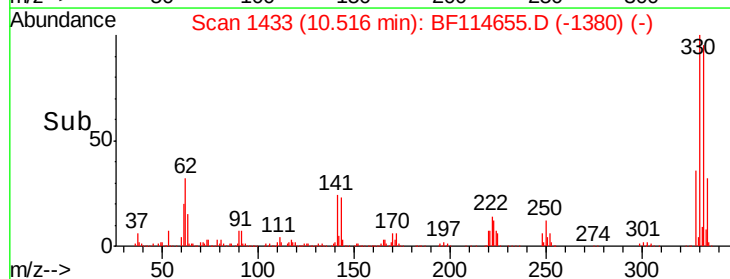
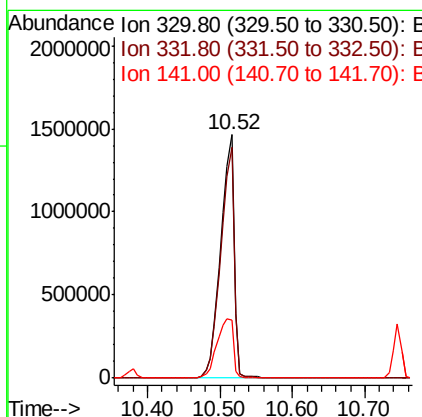
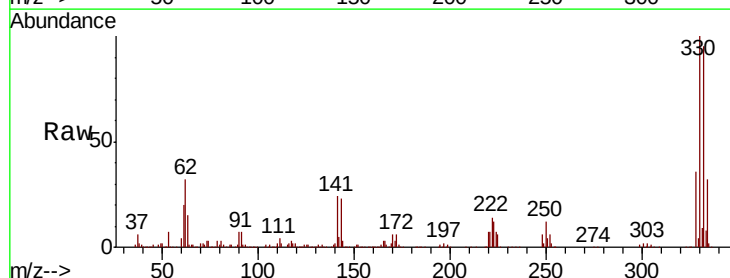
Instrument :
 BNA_F
 ClientSampled :

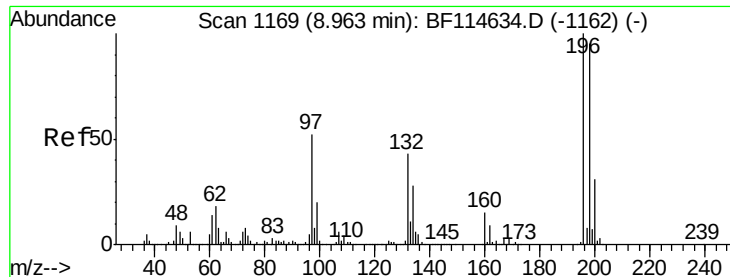
Tot Ion:	237	Resp:	323393
Ion	Ratio	Lower	Upper
237	100		
235	64.3	42.8	82.8
272	12.7	0.0	33.7



#42
 2,4,6-Tribromophenol
 Concen: 250.167 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.01 min
 Lab File: BF114655.D
 Acq: 30 May 2019 12:35

Tgt Ion:	330	Resp:	1905715
Ion	Ratio	Lower	Upper
330	100		
332	95.0	75.8	113.8
141	29.4	27.8	41.8

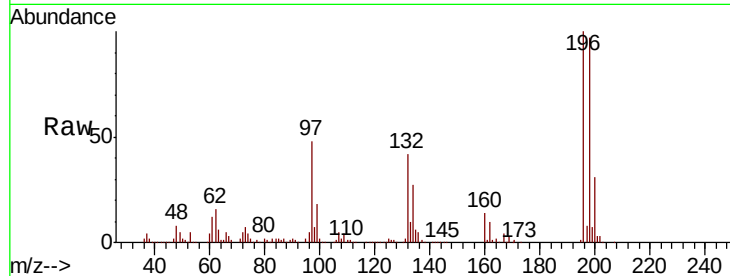




#43
 2,4,6-Trichlorophenol
 Concen: 20.298 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. 0.00 min
 Lab File: BF114655.D
 Acq: 30 May 2019 12:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.1	76.1	114.1
200	31.0	24.7	37.1

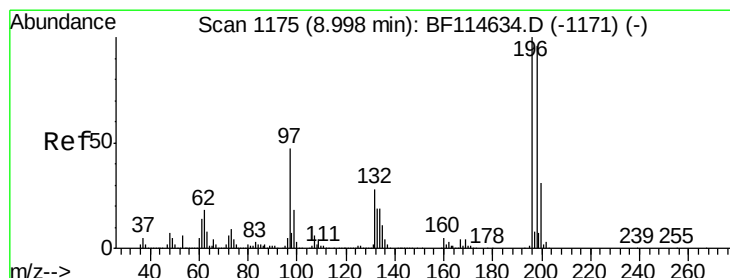
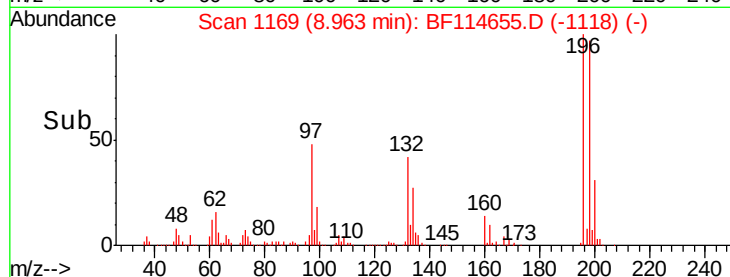
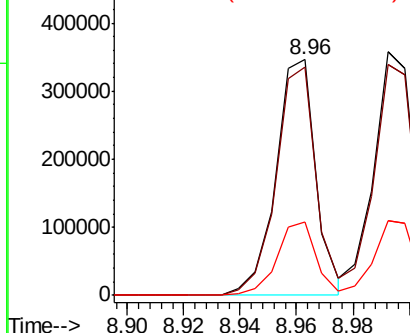


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 21.422 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: BF114655.D
 Acq: 30 May 2019 12:35

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.9	76.8	115.2
97	50.2	37.8	56.8
132	30.0	22.6	33.8

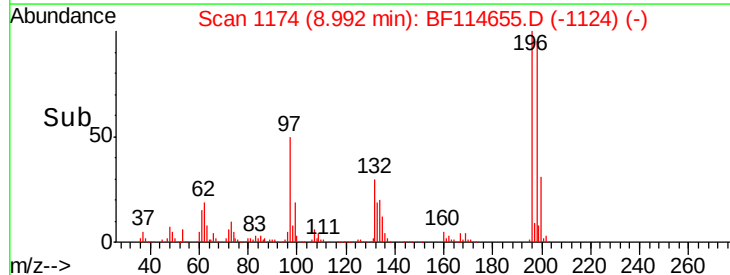
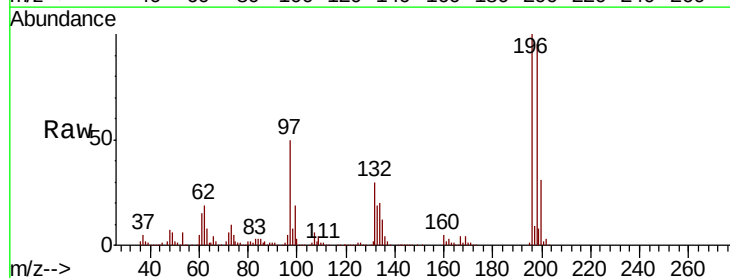
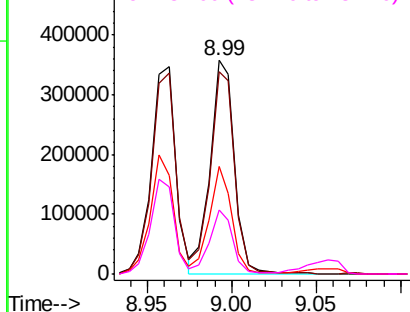
Abundance

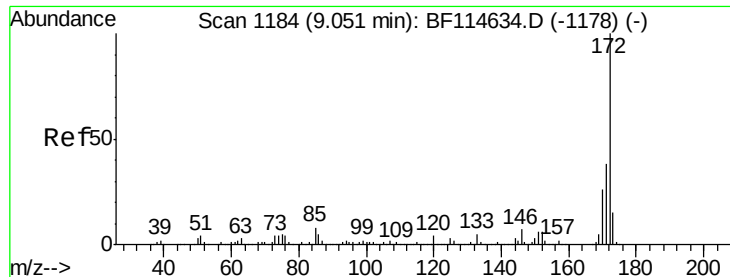
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



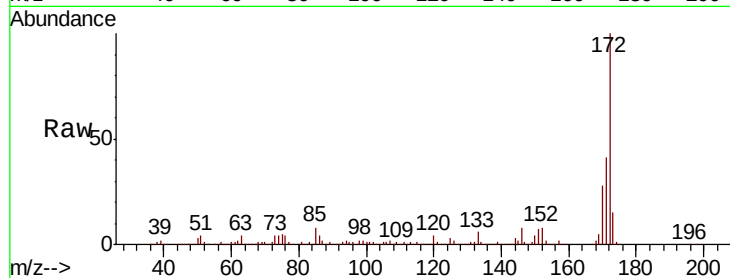


#45
 2-Fluorobiphenyl
 Concen: 123.077 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.01 min
 Lab File: BF114655.D
 Acq: 30 May 2019 12:35

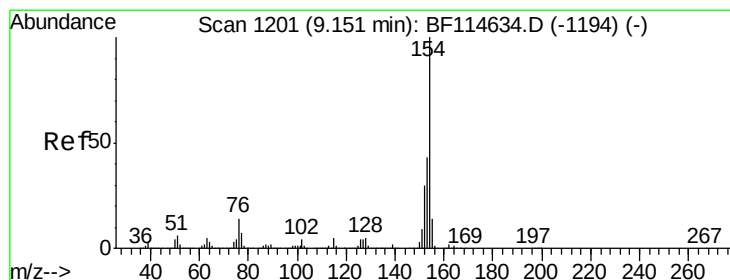
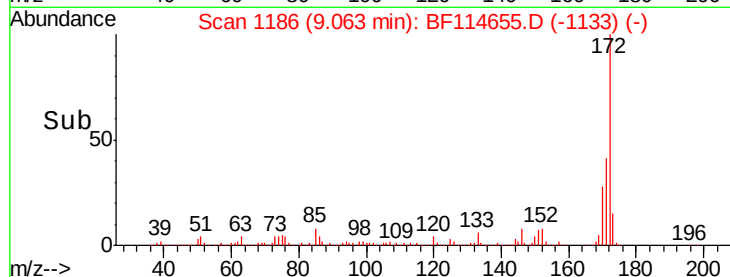
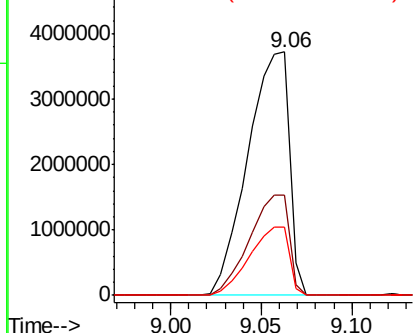
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 5922648

Ion	Ratio	Lower	Upper
172	100		
171	41.4	30.6	45.8
170	28.2	20.7	31.1



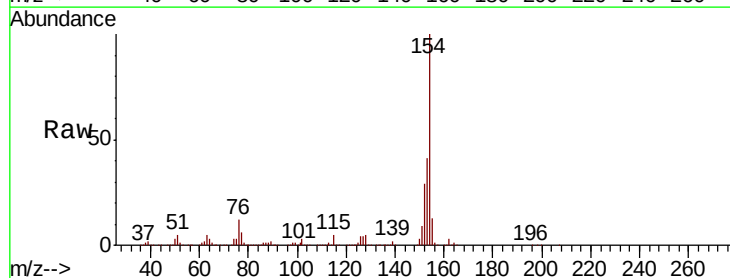
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



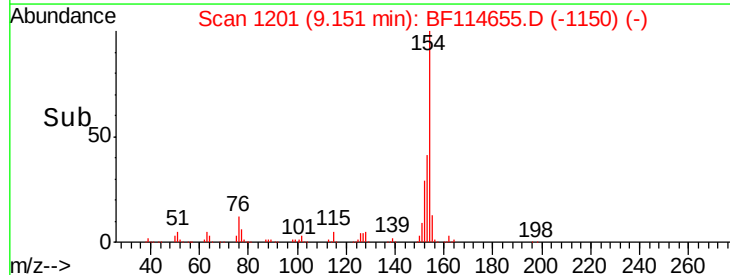
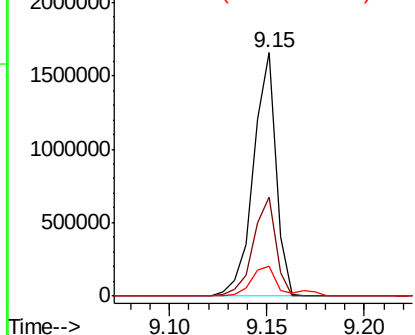
#46
 1,1'-Biphenyl
 Concen: 22.419 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF114655.D
 Acq: 30 May 2019 12:35

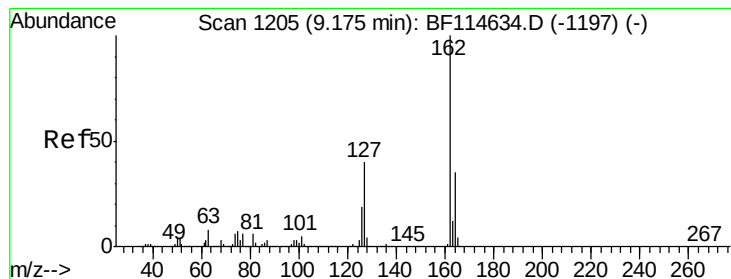
Tgt Ion:154 Resp: 1330452

Ion	Ratio	Lower	Upper
154	100		
153	40.9	23.0	63.0
76	12.2	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: 21.726 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF114655.D

Acq: 30 May 2019 12:35

Instrument :

BNA_F

ClientSampled :

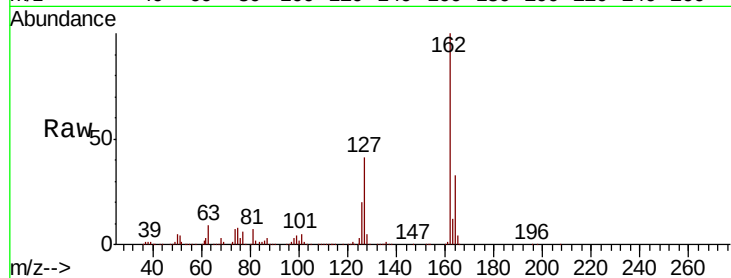
Tot Ion:162 Resp: 1057634

Ion Ratio Lower Upper

162 100

127 41.0 32.2 48.2

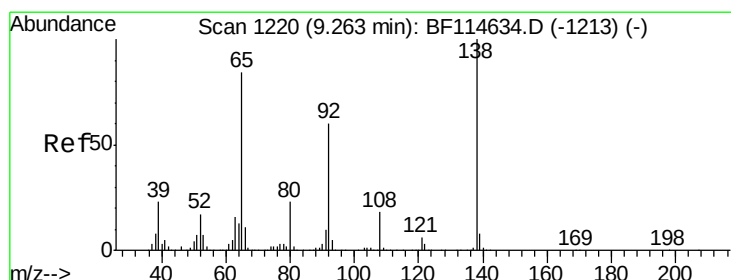
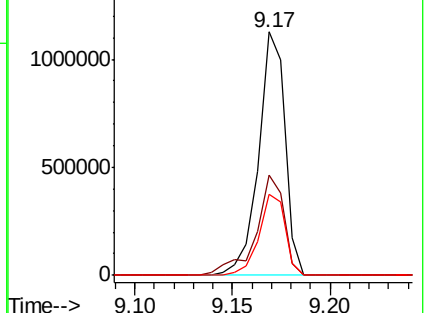
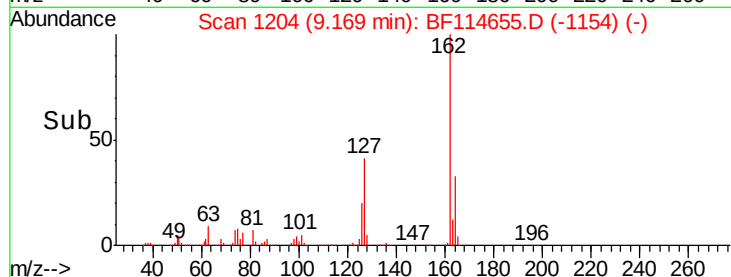
164 33.3 27.8 41.6



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: 18.590 ng

RT: 9.26 min Scan# 1219

Delta R.T. -0.01 min

Lab File: BF114655.D

Acq: 30 May 2019 12:35

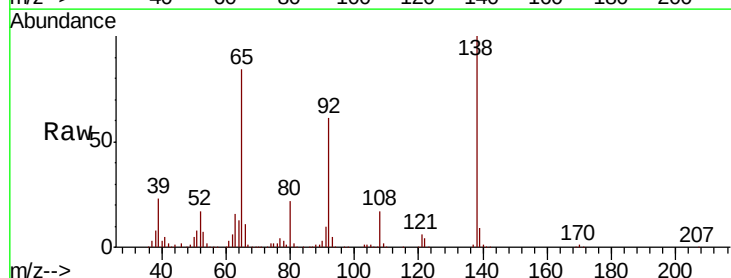
Tgt Ion: 65 Resp: 279270

Ion Ratio Lower Upper

65 100

92 72.5 57.1 85.7

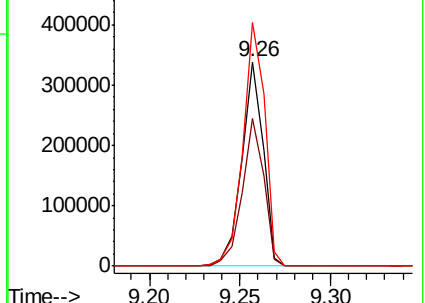
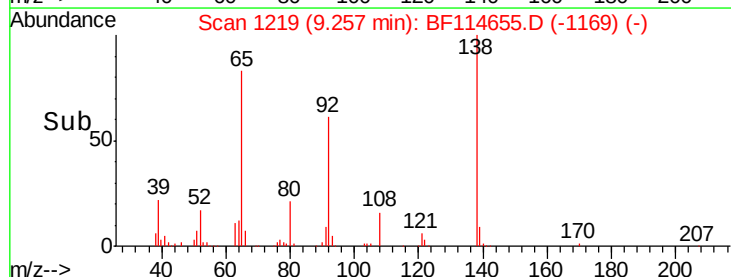
138 119.1 95.8 143.6

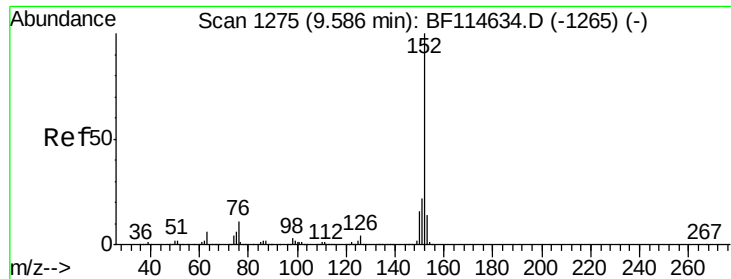


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 21.932 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF114655.D

Acq: 30 May 2019 12:35

Instrument :

BNA_F

ClientSampleId :

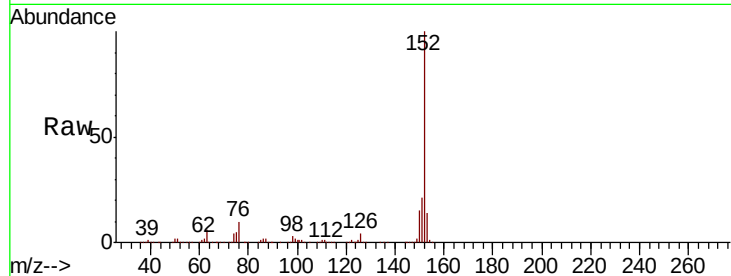
Tot Ion:152 Resp: 1649466

Ion Ratio Lower Upper

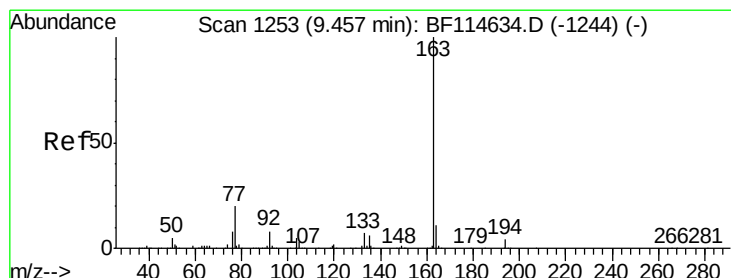
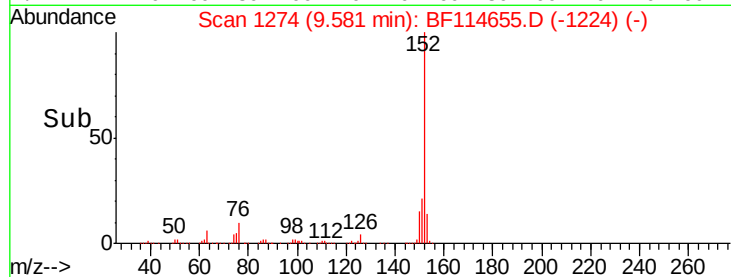
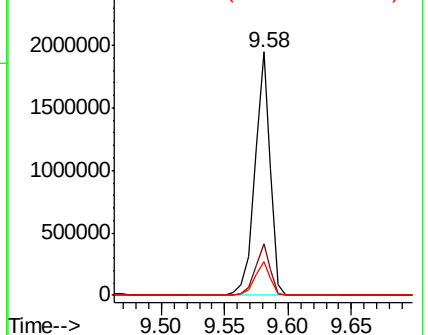
152 100

151 21.3 17.5 26.3

153 14.1 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: 20.915 ng

RT: 9.45 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BF114655.D

Acq: 30 May 2019 12:35

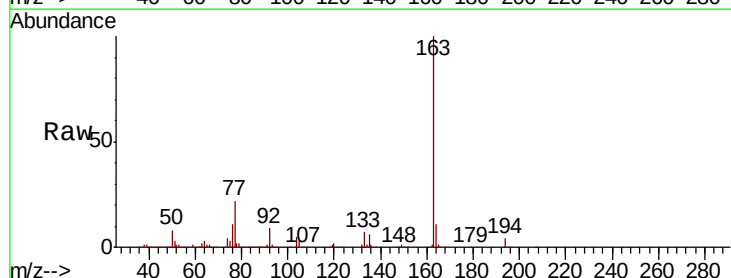
Tgt Ion:163 Resp: 1165130

Ion Ratio Lower Upper

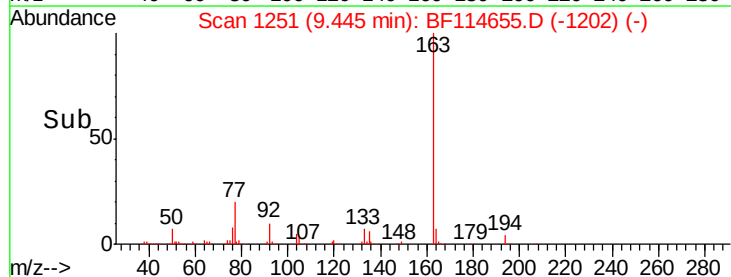
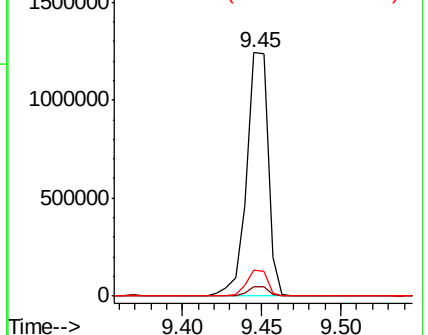
163 100

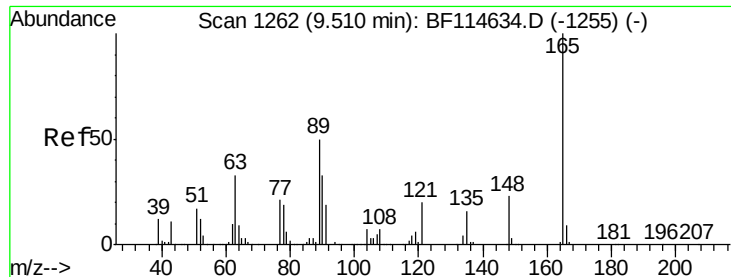
194 3.9 3.4 5.0

164 10.9 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

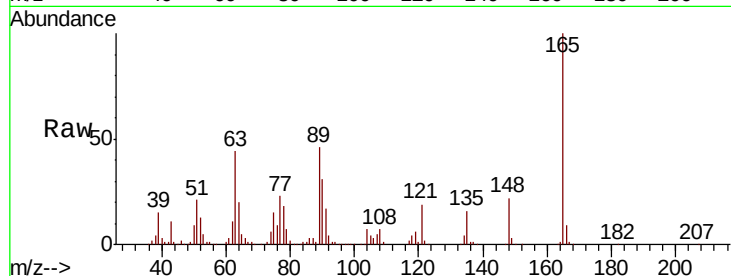




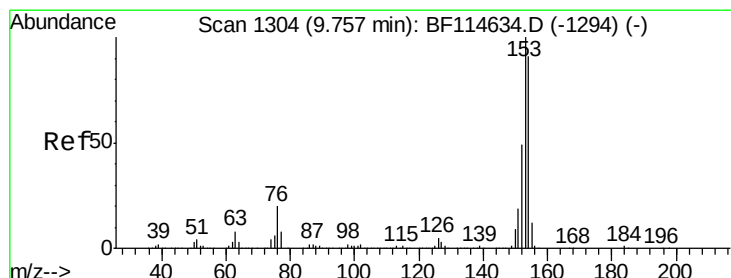
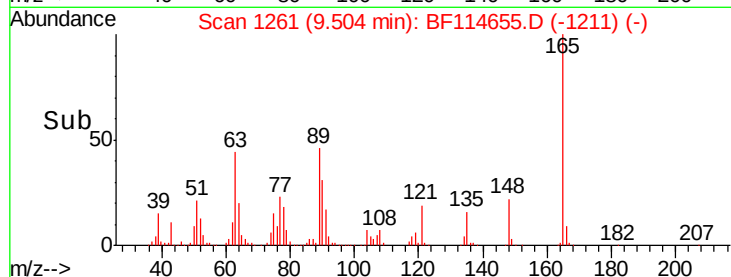
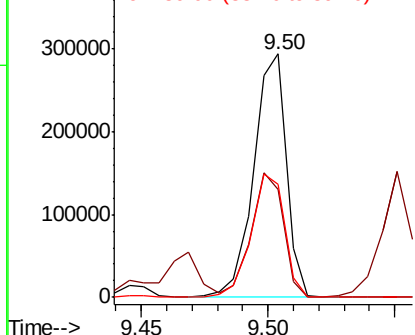
#51
2,6-Dinitrotoluene
Concen: 20.528 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BF114655.D
Acq: 30 May 2019 12:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.3	36.6	54.8
89	46.2	40.2	60.4

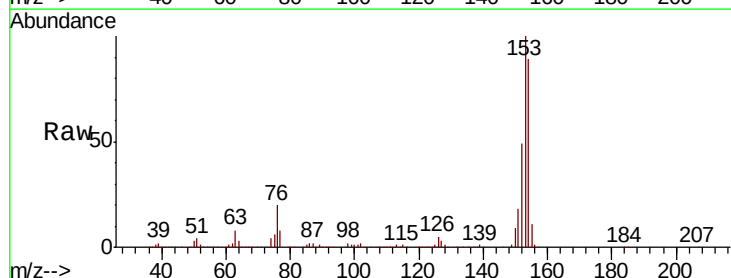


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

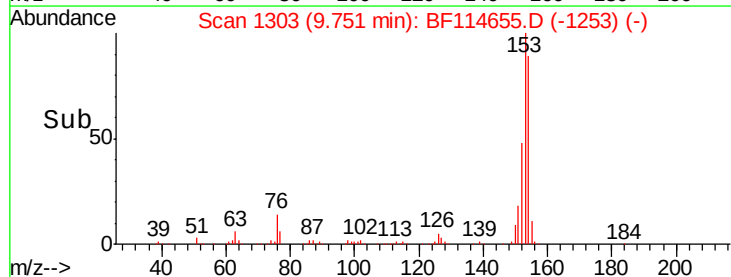
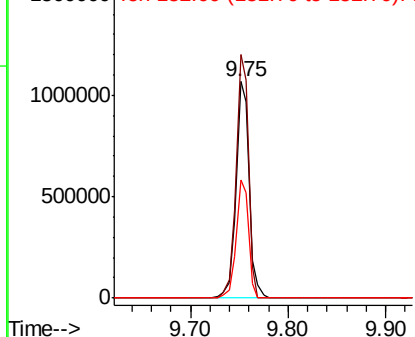


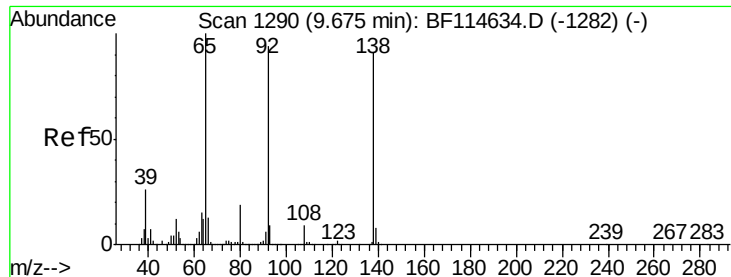
#52
Acenaphthene
Concen: 21.495 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF114655.D
Acq: 30 May 2019 12:35

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.4	88.4	132.6
152	54.7	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

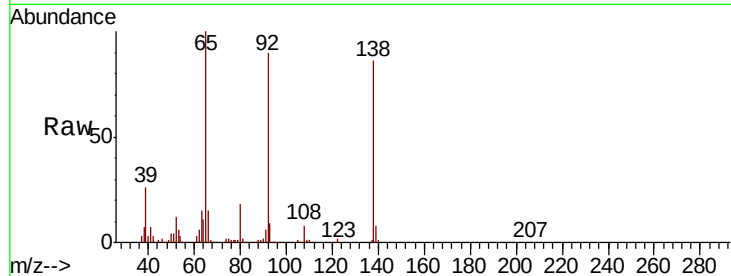




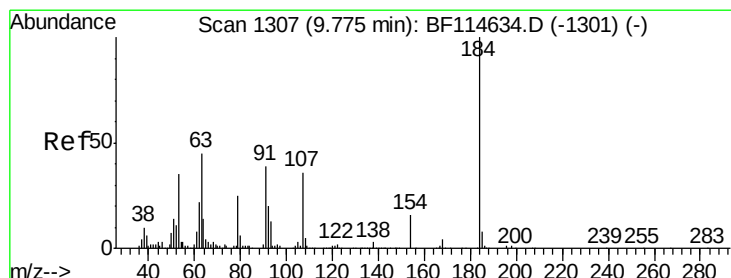
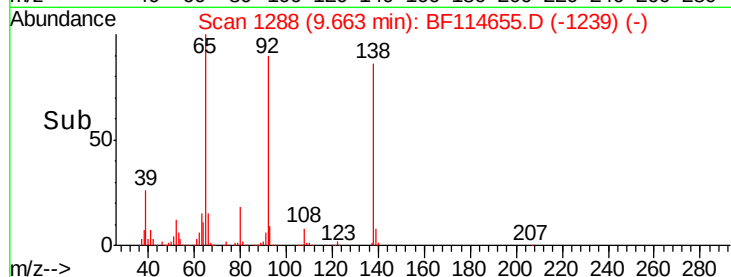
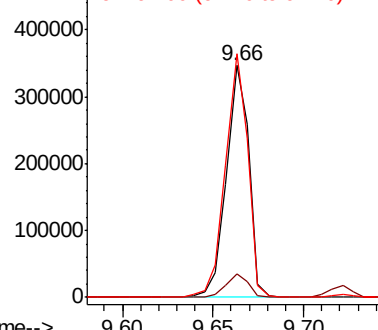
#53
3-Nitroaniline
Concen: 18.888 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF114655.D
Acq: 30 May 2019 12:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 299232
Ion Ratio Lower Upper
138 100
108 9.9 8.3 12.5
92 105.1 83.1 124.7

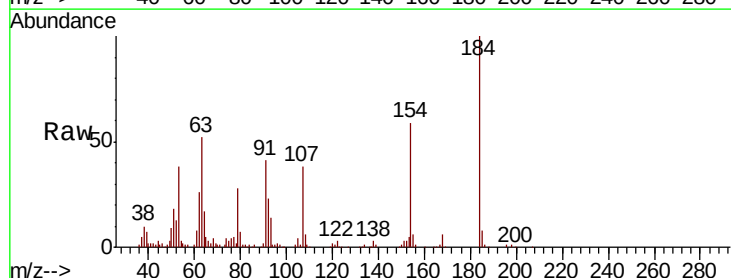


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

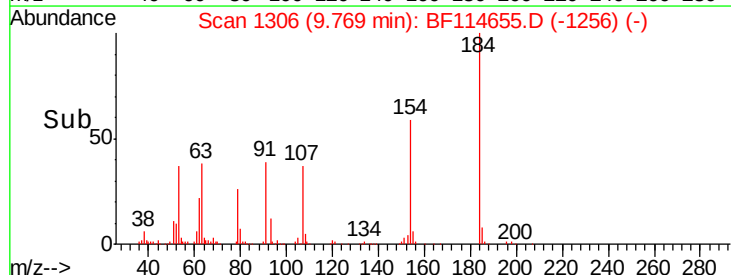
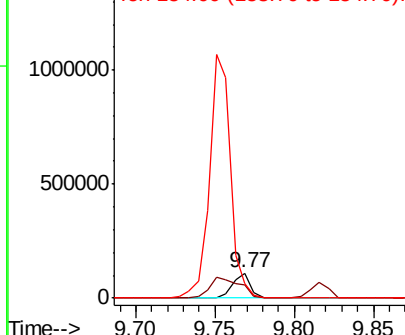


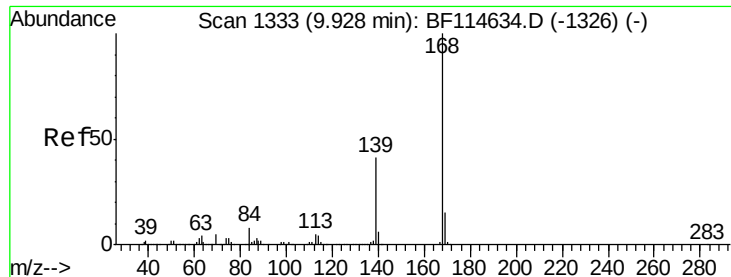
#54
2,4-Dinitrophenol
Concen: 17.051 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF114655.D
Acq: 30 May 2019 12:35

Tgt Ion:184 Resp: 87061
Ion Ratio Lower Upper
184 100
63 52.2 38.8 58.2
154 58.6 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

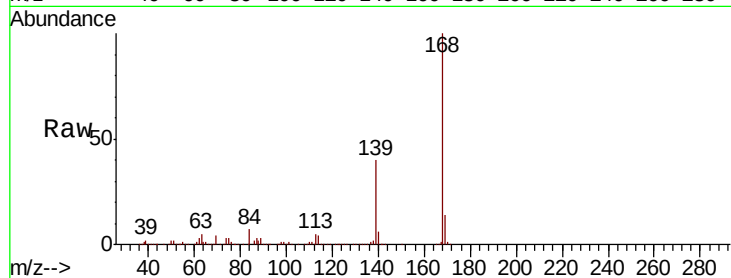




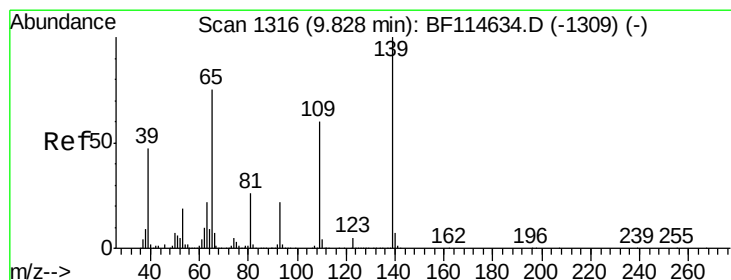
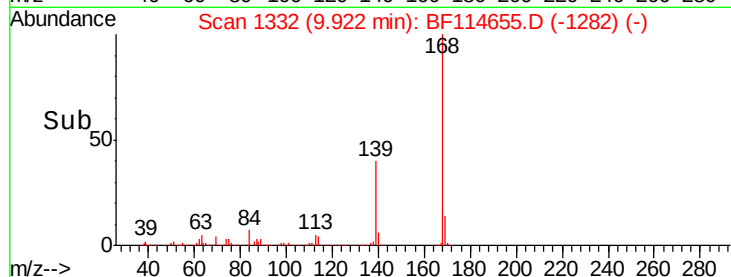
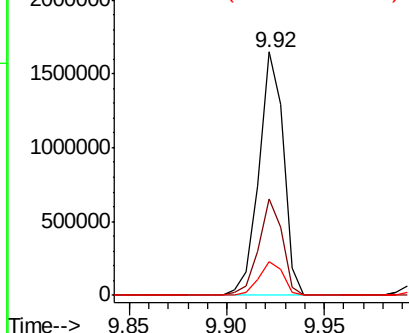
#55
Dibenzenofuran
Concen: 21.905 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF114655.D
Acq: 30 May 2019 12:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1438163
Ion Ratio Lower Upper
168 100
139 39.8 32.6 48.8
169 14.1 11.8 17.8

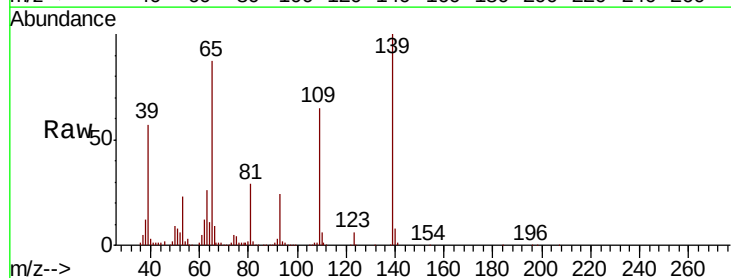


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

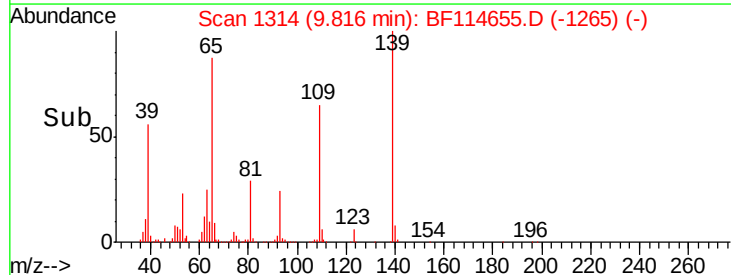
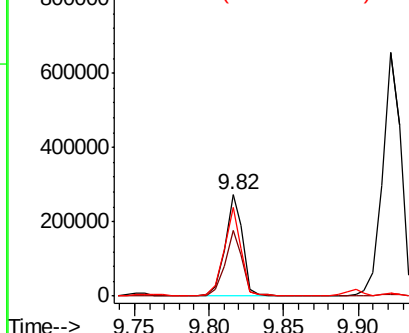


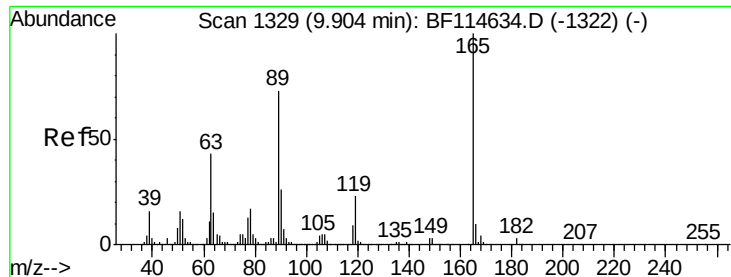
#56
4-Nitrophenol
Concen: 19.687 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF114655.D
Acq: 30 May 2019 12:35

Tgt Ion:139 Resp: 231141
Ion Ratio Lower Upper
139 100
109 65.2 40.4 80.4
65 87.4 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

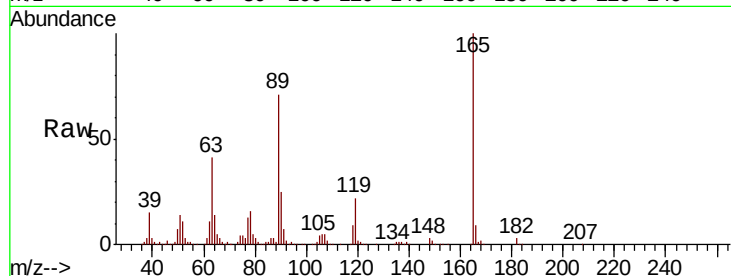




#57
2,4-Dinitrotoluene
Concen: 20.250 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF114655.D
Acq: 30 May 2019 12:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	165	Resp	336419
Ion	Ratio	Lower	Upper
165	100		
63	41.0	34.8	52.2
89	70.7	58.5	87.7
182	2.7	2.2	3.2



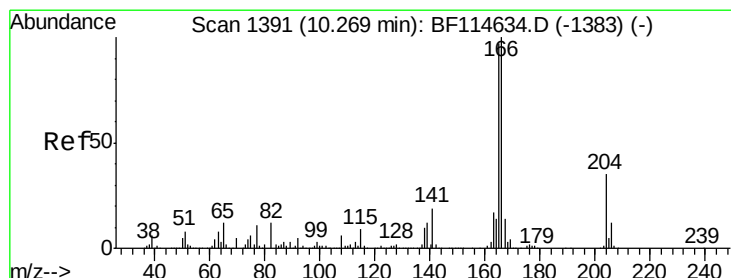
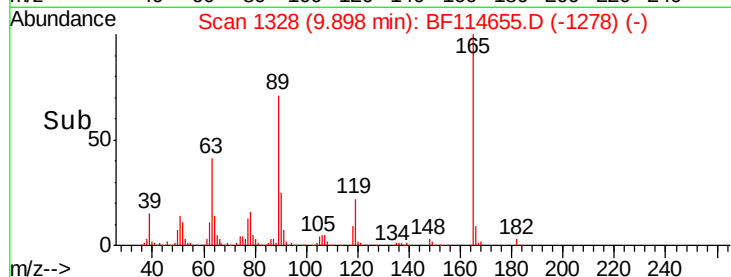
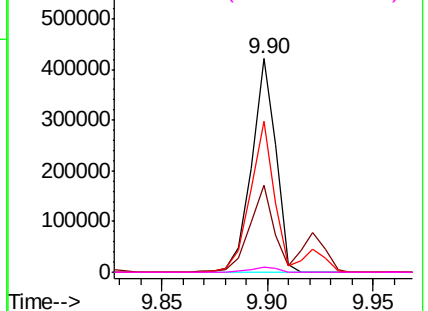
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

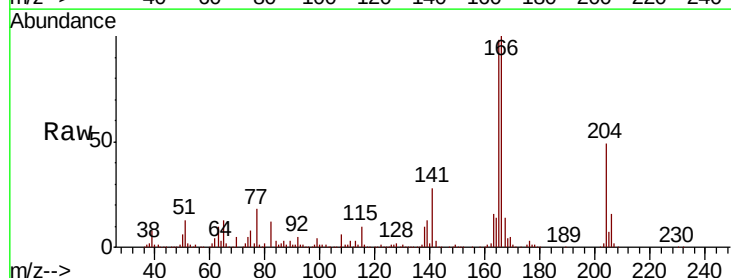
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 23.172 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF114655.D
Acq: 30 May 2019 12:35

Tgt Ion	166	Resp	1027206
Ion	Ratio	Lower	Upper
166	100		
165	97.9	77.6	116.4
167	14.0	11.2	16.8

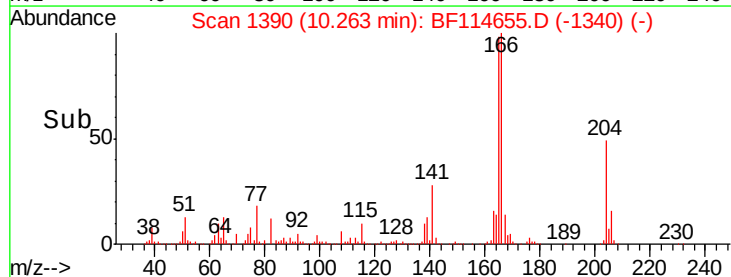
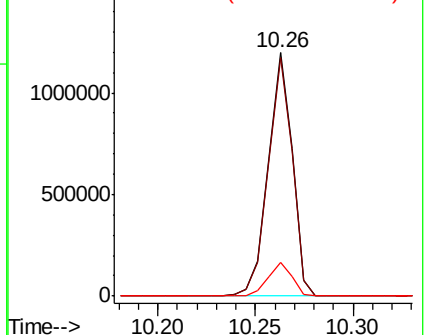


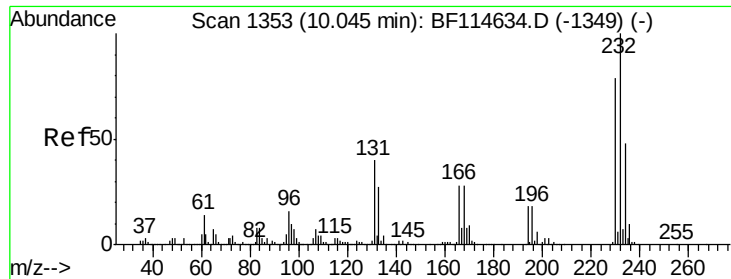
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

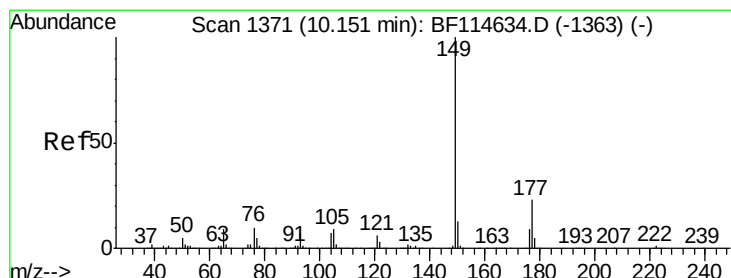
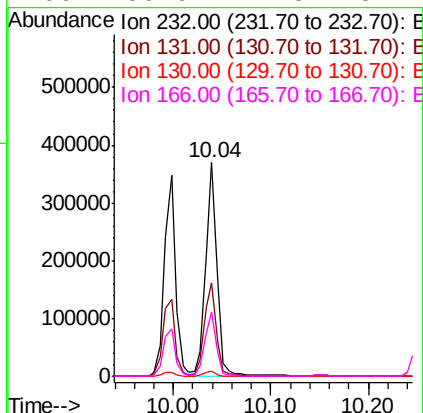
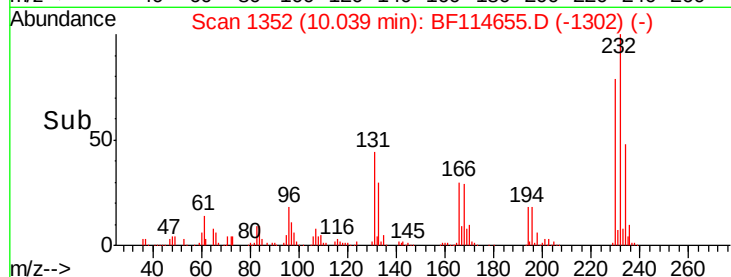
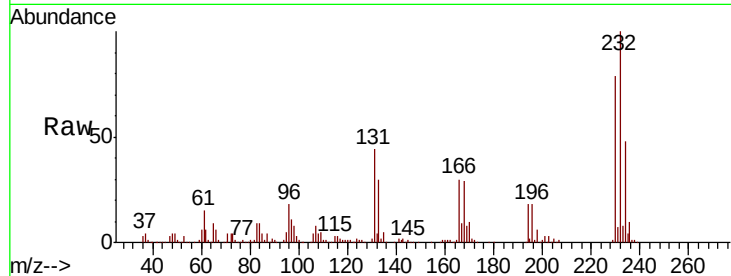




#59
2,3,4,6-Tetrachlorophenol
Concen: 21.785 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF114655.D
Acq: 30 May 2019 12:35

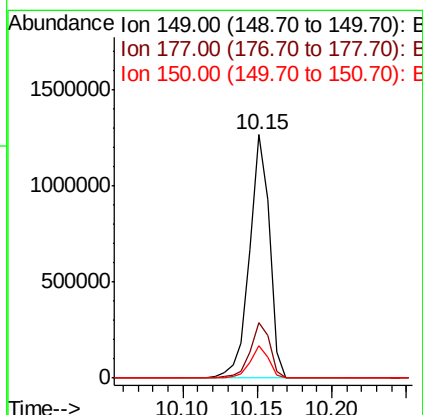
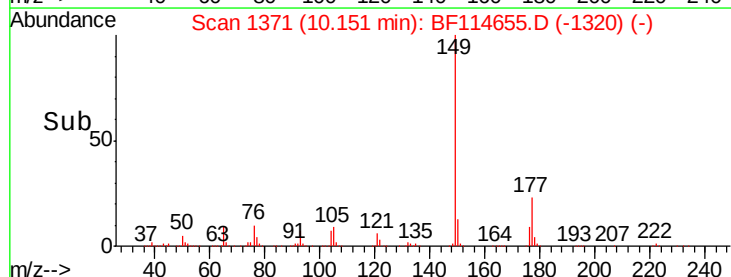
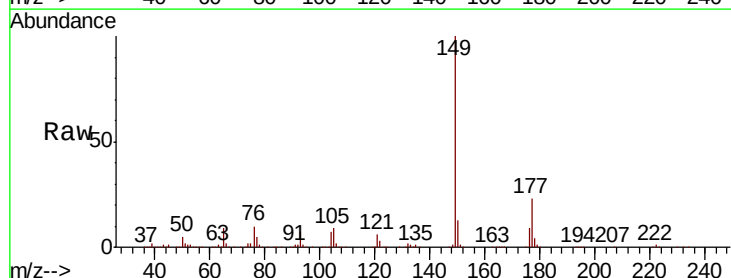
Instrument :
BNA_F
ClientSampleId :

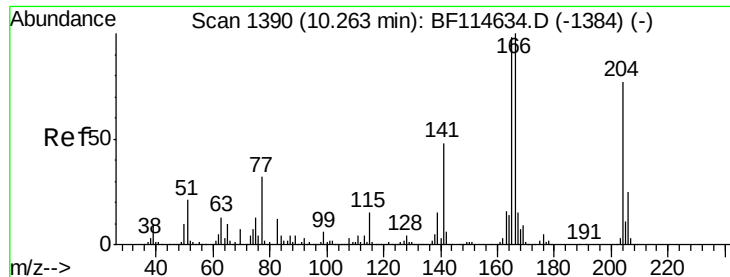
Tot Ion:	232	Resp:	298090
Ion	Ratio	Lower	Upper
232	100		
131	46.0	37.2	55.8
130	2.2	1.8	2.8
166	30.9	24.8	37.2



#60
Diethylphthalate
Concen: 20.418 ng
RT: 10.15 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BF114655.D
Acq: 30 May 2019 12:35

Tgt Ion:	149	Resp:	1161718
Ion	Ratio	Lower	Upper
149	100		
177	22.6	18.6	28.0
150	13.2	10.6	15.8

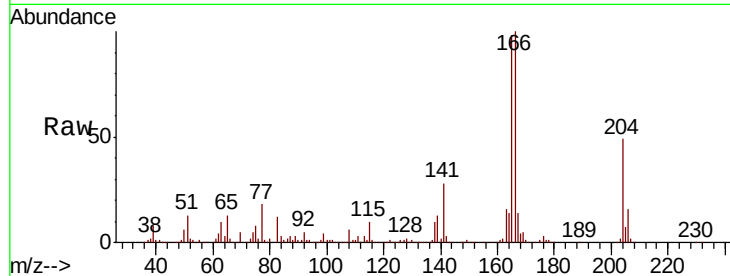




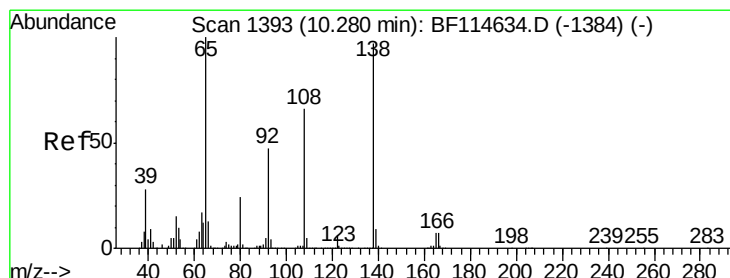
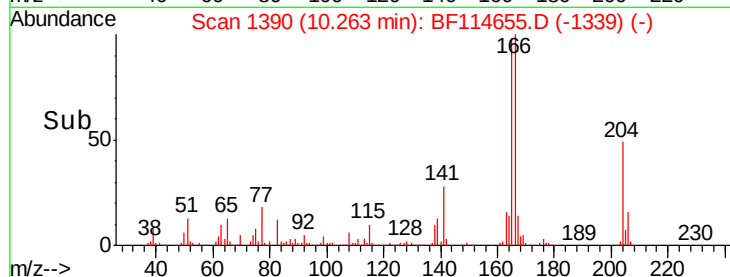
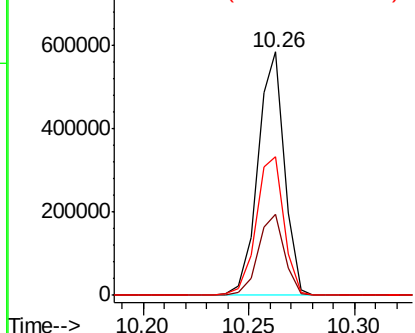
#61
 4-Chlorophenyl-phenylether
 Concen: 23.078 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. 0.00 min
 Lab File: BF114655.D
 Acq: 30 May 2019 12:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.4	39.6
141	56.8	50.0	75.0

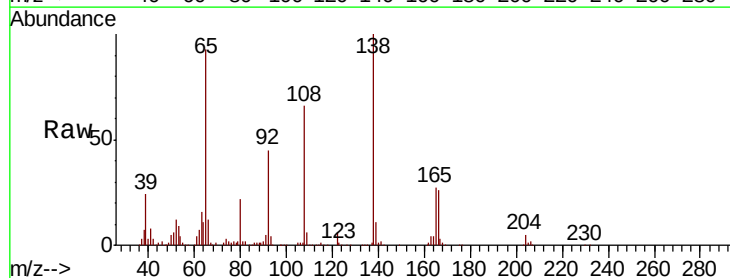


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

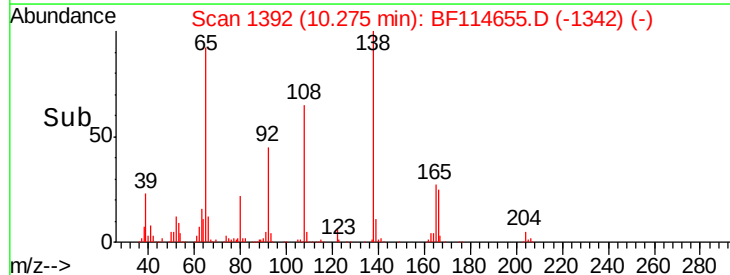
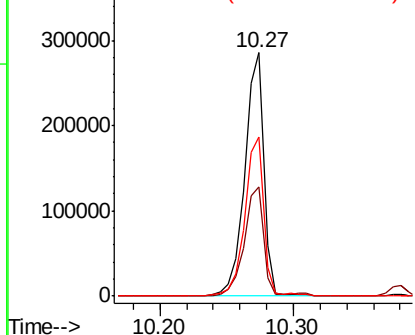


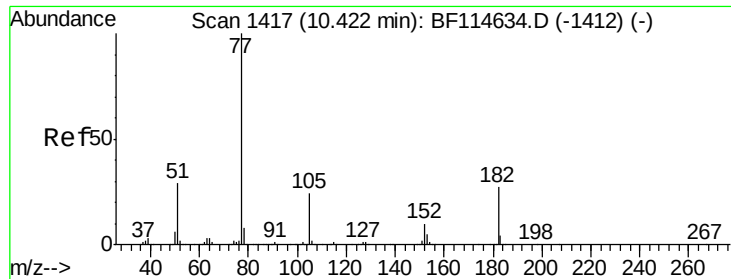
#62
 4-Nitroaniline
 Concen: 18.155 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. -0.01 min
 Lab File: BF114655.D
 Acq: 30 May 2019 12:35

Tgt Ion	Ratio	Lower	Upper
138	100		
92	44.7	28.0	68.0
108	65.6	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: 21.319 ng

RT: 10.42 min Scan# 1417

Delta R.T. 0.00 min

Lab File: BF114655.D

Acq: 30 May 2019 12:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1113678

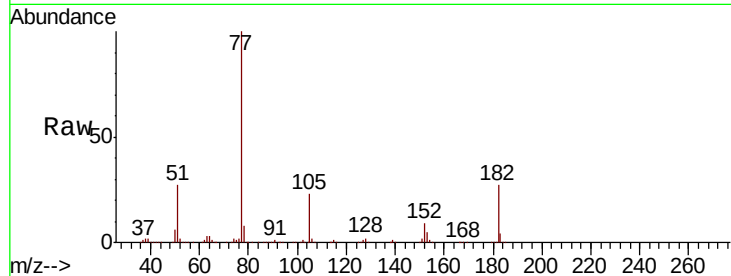
Ion	Ratio	Lower	Upper
77	100		
182	26.7	7.0	47.0
105	23.0	3.7	43.7
51	27.3	9.1	49.1

77 100

182 26.7 7.0 47.0

105 23.0 3.7 43.7

51 27.3 9.1 49.1

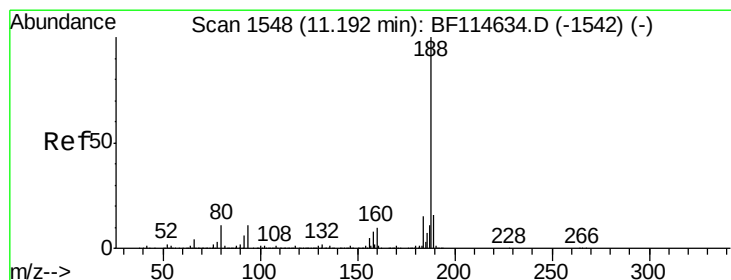
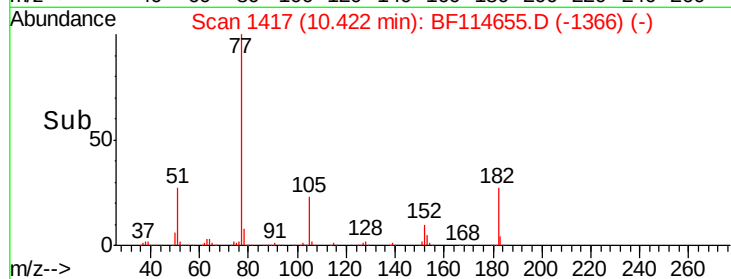
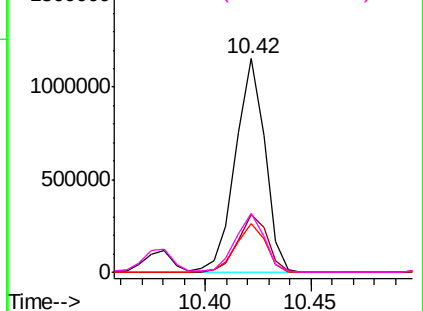


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

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: BF114655.D

Acq: 30 May 2019 12:35

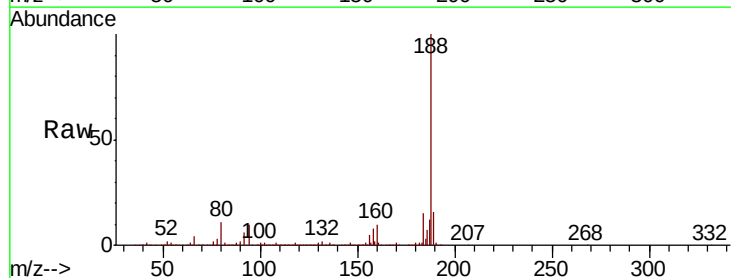
Tgt Ion: 188 Resp: 1480879

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.6	13.0
80	10.8	9.0	13.6

188 100

94 10.1 8.6 13.0

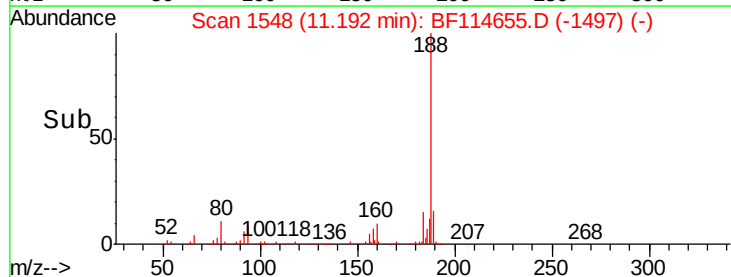
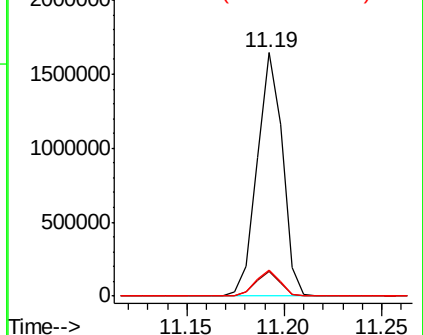
80 10.8 9.0 13.6

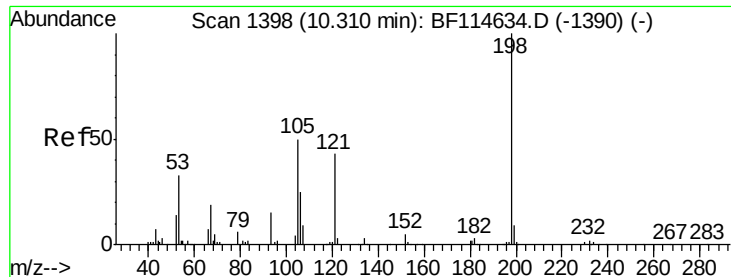


Abundance Ion 188.00 (187.70 to 188.70): E

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: 20.015 ng

RT: 10.30 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF114655.D

Acq: 30 May 2019 12:35

Instrument :

BNA_F

ClientSampleId :

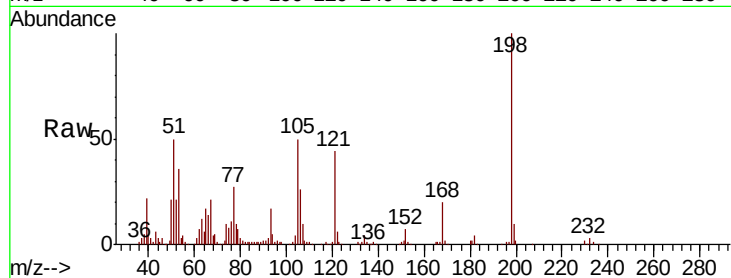
Tot Ion:198 Resp: 131425

Ion Ratio Lower Upper

198 100

51 49.6 29.0 69.0

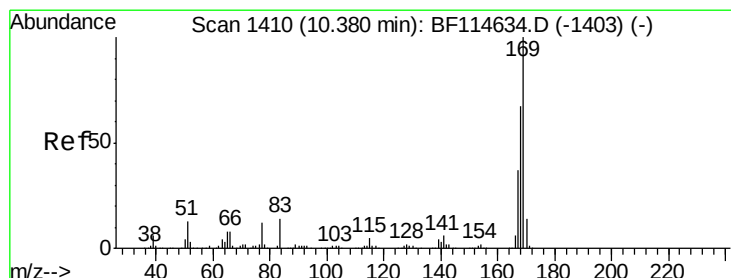
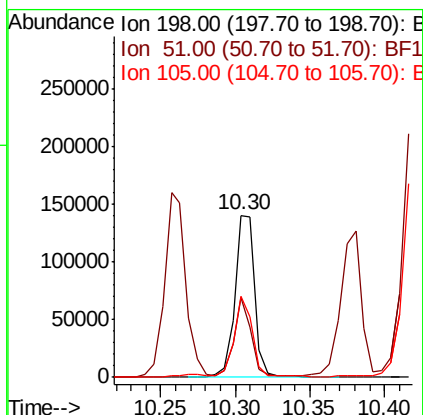
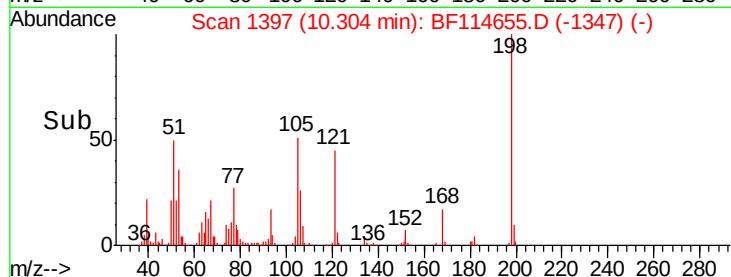
105 50.5 30.4 70.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 22.299 ng

RT: 10.38 min Scan# 1410

Delta R.T. 0.00 min

Lab File: BF114655.D

Acq: 30 May 2019 12:35

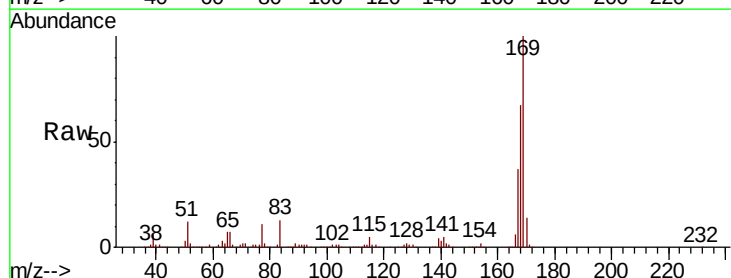
Tgt Ion:169 Resp: 975642

Ion Ratio Lower Upper

169 100

168 67.3 53.8 80.8

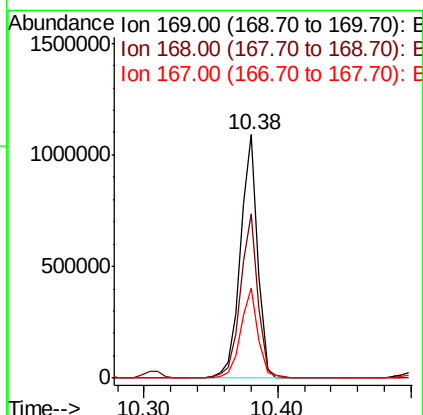
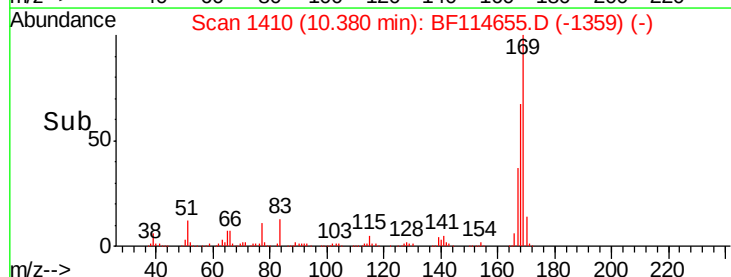
167 36.8 29.8 44.6

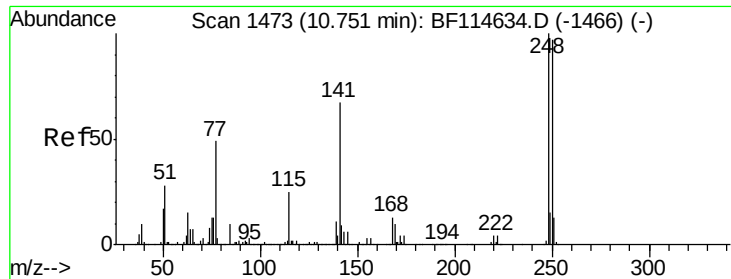


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

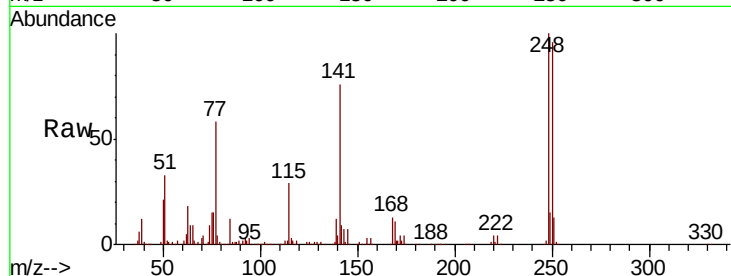




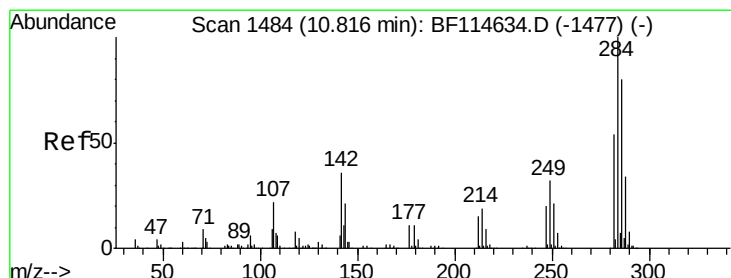
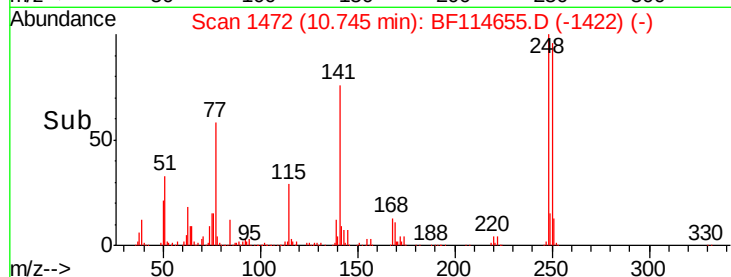
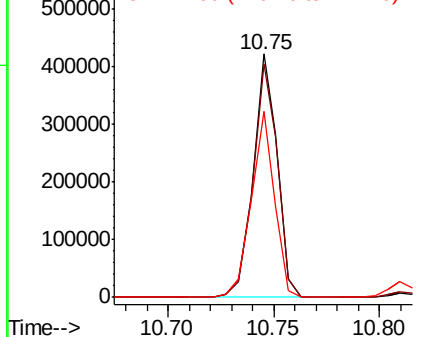
#67
4-Bromophenyl-phenylether
Concen: 21.009 ng
RT: 10.75 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BF114655.D
Acq: 30 May 2019 12:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 333639
Ion Ratio Lower Upper
248 100
250 95.7 78.0 117.0
141 76.4 53.8 80.8

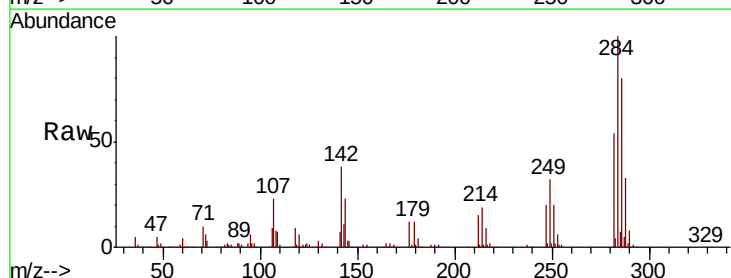


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

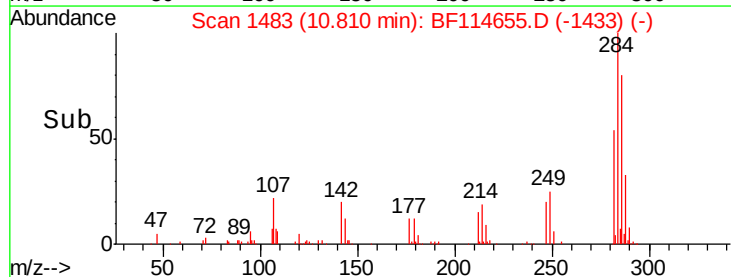
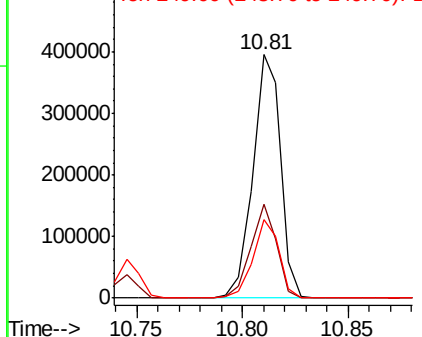


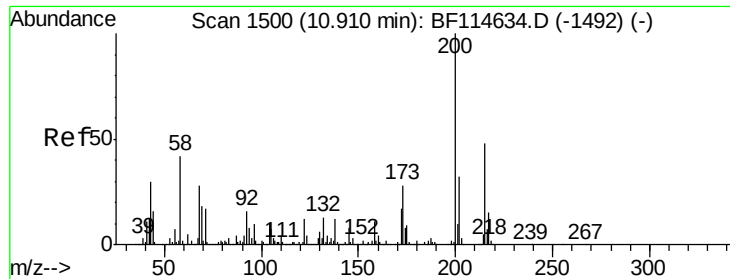
#68
Hexachlorobenzene
Concen: 20.935 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BF114655.D
Acq: 30 May 2019 12:35

Tgt Ion:284 Resp: 360100
Ion Ratio Lower Upper
284 100
142 38.5 28.9 43.3
249 32.2 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

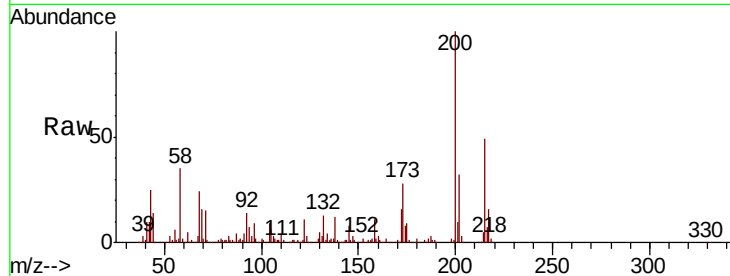




#69
Atrazine
Concen: 21.486 ng
RT: 10.90 min Scan# 1499
Delta R.T. -0.01 min
Lab File: BF114655.D
Acq: 30 May 2019 12:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.5	7.9	47.9
215	49.2	27.8	67.8

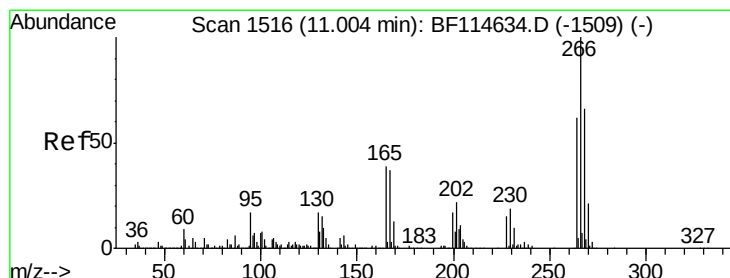
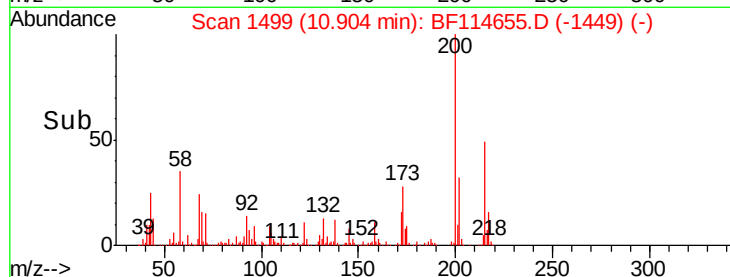
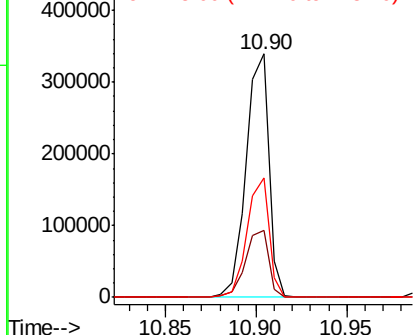


Abundance

Ion 200.00 (199.70 to 200.70): E

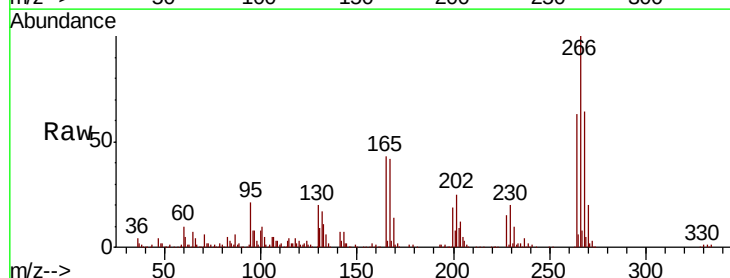
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 19.848 ng
RT: 11.00 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BF114655.D
Acq: 30 May 2019 12:35

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.4	52.8	79.2
264	62.7	49.9	74.9

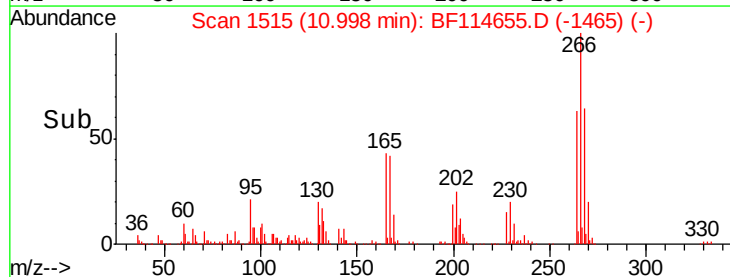
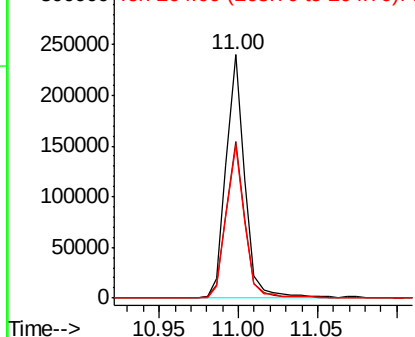


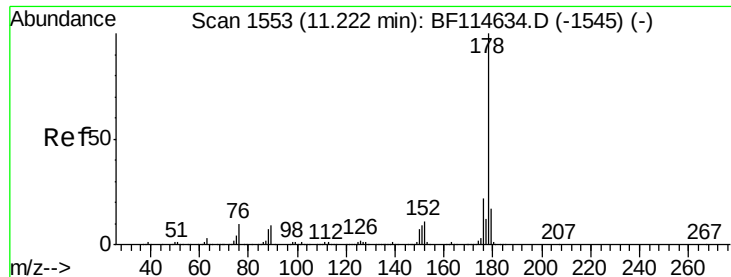
Abundance

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

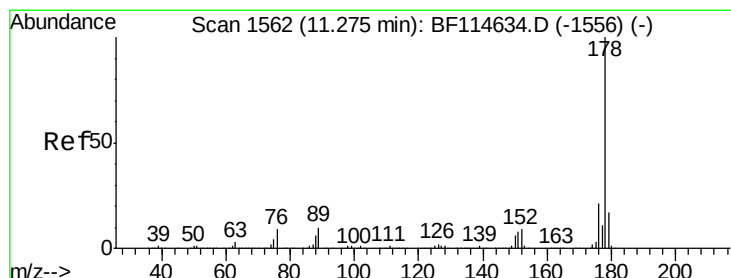
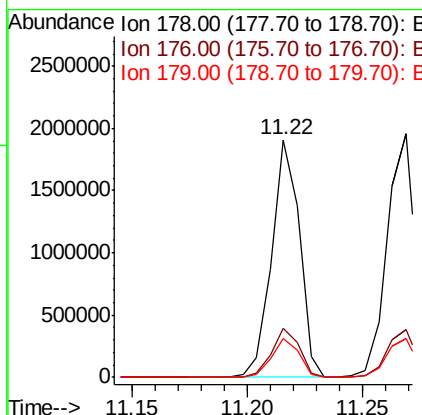
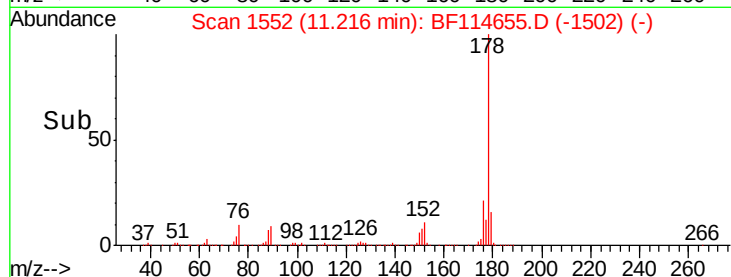
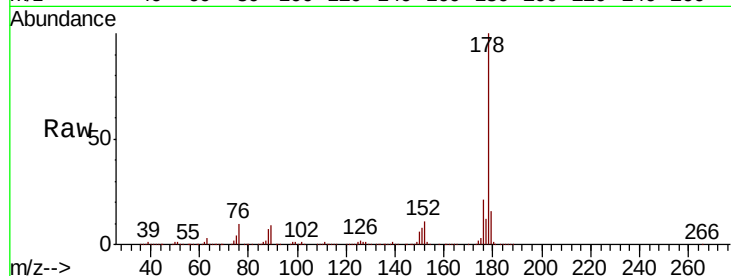




#71
Phenanthrene
Concen: 21.078 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BF114655.D
Acq: 30 May 2019 12:35

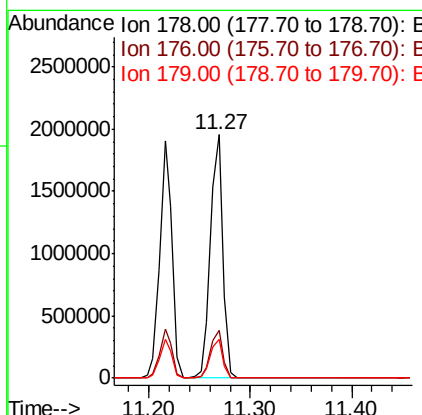
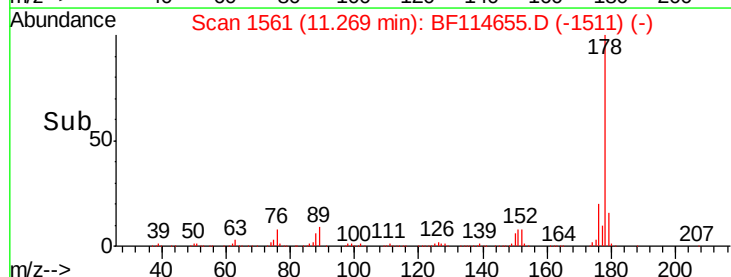
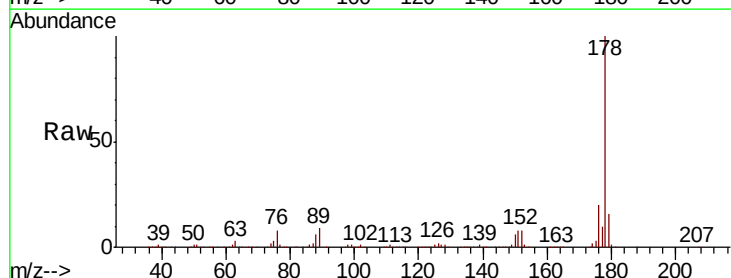
Instrument :
BNA_F
ClientSampled :

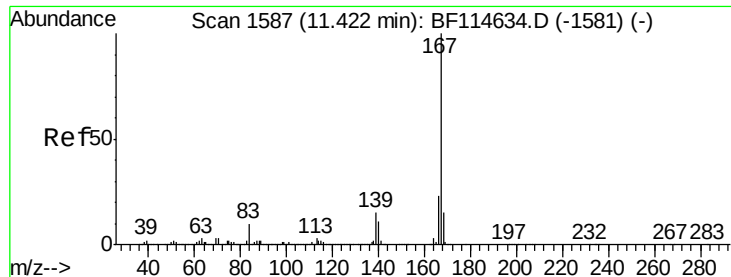
Tot Ion:178 Resp: 1592298
Ion Ratio Lower Upper
178 100
176 20.5 17.2 25.8
179 16.4 13.9 20.9



#72
Anthracene
Concen: 21.804 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF114655.D
Acq: 30 May 2019 12:35

Tgt Ion:178 Resp: 1667013
Ion Ratio Lower Upper
178 100
176 19.8 16.6 24.8
179 16.0 13.4 20.0





#73

Carbazole

Concen: 21.728 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.01 min

Lab File: BF114655.D

Acq: 30 May 2019 12:35

Instrument :

BNA_F

ClientSampleId :

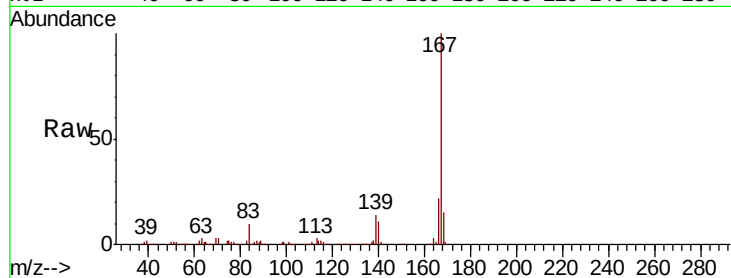
Tot Ion:167 Resp: 1460018

Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.7	28.1
139	14.0	11.8	17.8

167 100

166 22.3 18.7 28.1

139 14.0 11.8 17.8

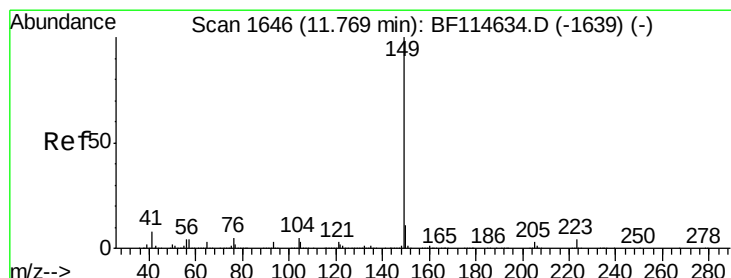
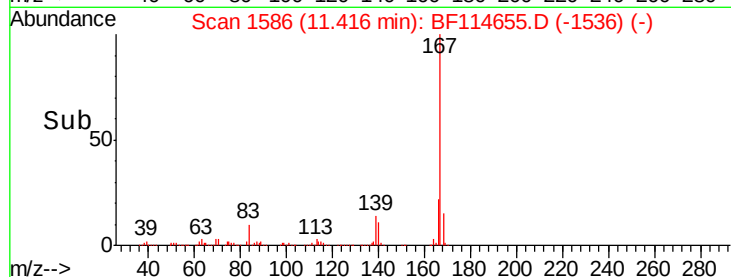
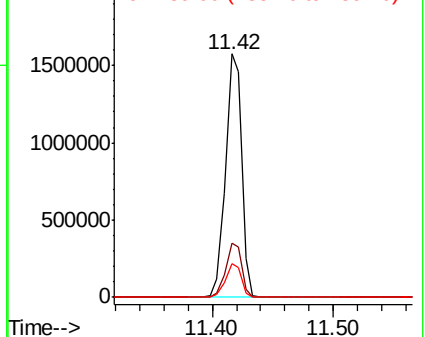


Abundance

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: 21.749 ng

RT: 11.77 min Scan# 1646

Delta R.T. 0.00 min

Lab File: BF114655.D

Acq: 30 May 2019 12:35

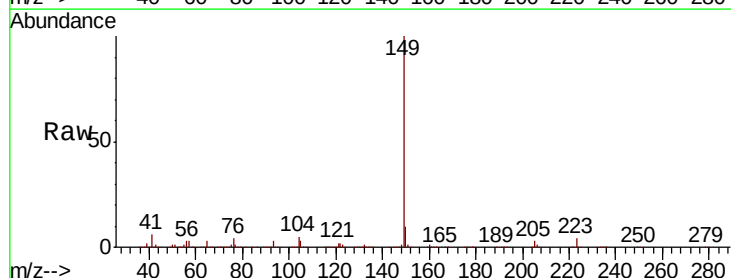
Tgt Ion:149 Resp: 1775555

Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.6	12.8
104	4.7	4.3	6.5

149 100

150 9.6 8.6 12.8

104 4.7 4.3 6.5

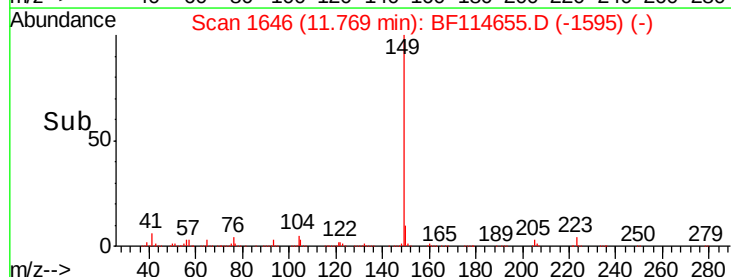
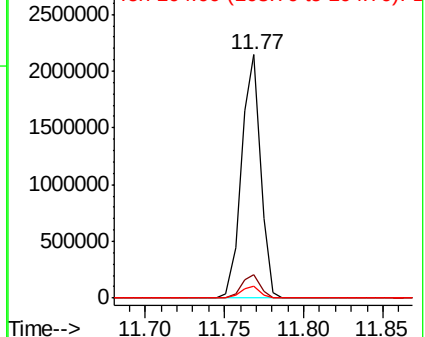


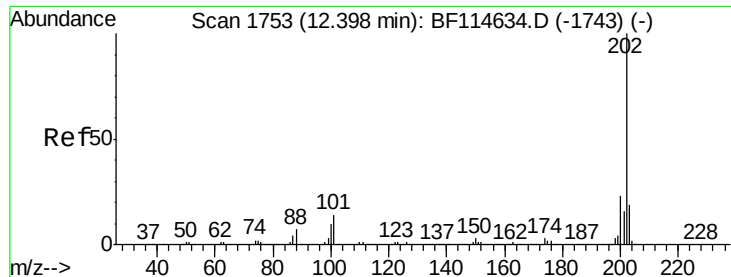
Abundance

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: 20.677 ng

RT: 12.40 min Scan# 1753

Delta R.T. 0.00 min

Lab File: BF114655.D

Acq: 30 May 2019 12:35

Instrument :

BNA_F

ClientSampleId :

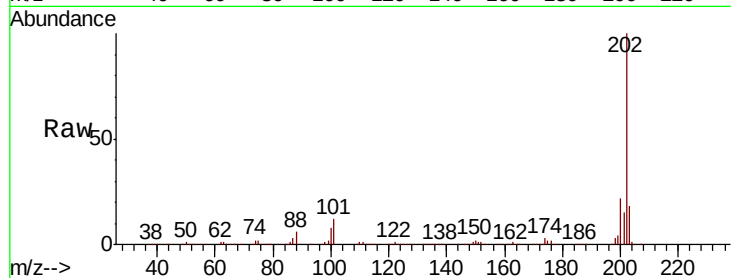
Tot Ion:202 Resp: 1617373

Ion Ratio Lower Upper

202 100

101 11.8 0.0 33.9

203 18.0 0.0 39.1

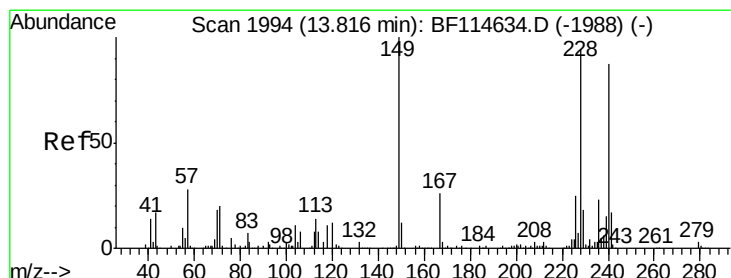
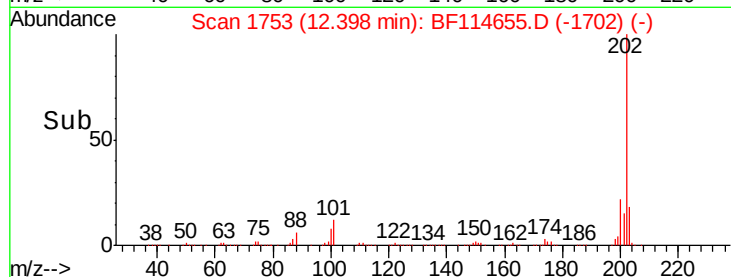
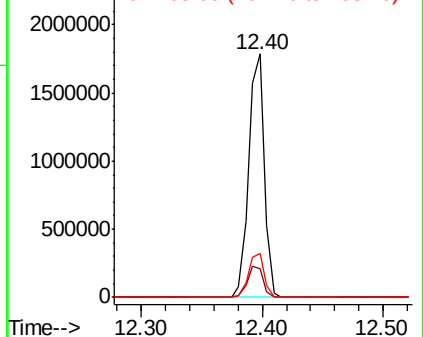


Abundance

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: BF114655.D

Acq: 30 May 2019 12:35

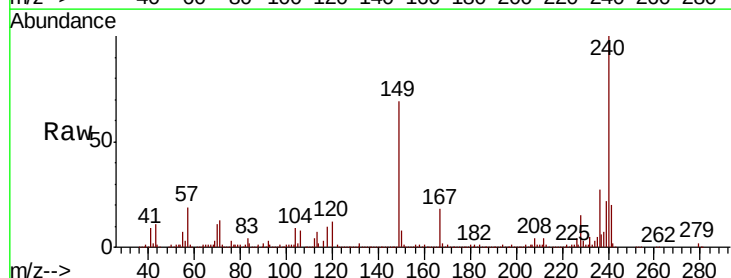
Tgt Ion:240 Resp: 1045384

Ion Ratio Lower Upper

240 100

120 11.6 11.2 16.8

236 27.2 21.2 31.8

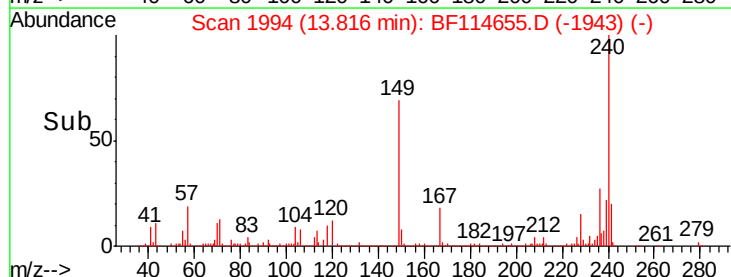
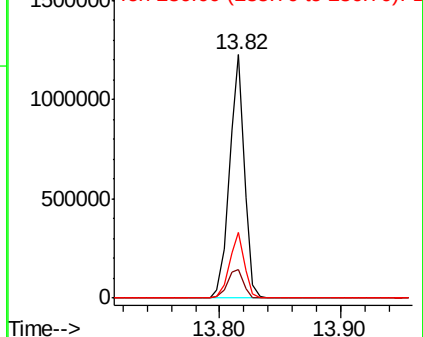


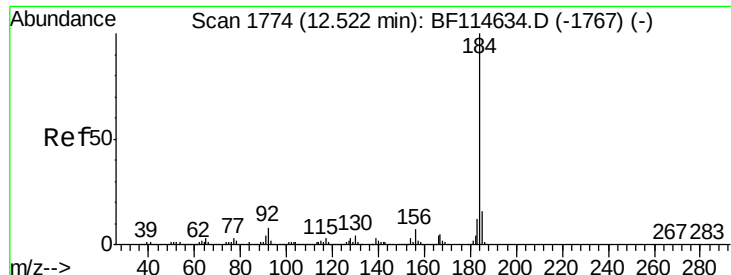
Abundance

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: 21.159 ng

RT: 12.52 min Scan# 1773

Delta R.T. -0.01 min

Lab File: BF114655.D

Acq: 30 May 2019 12:35

Instrument :

BNA_F

ClientSampled :

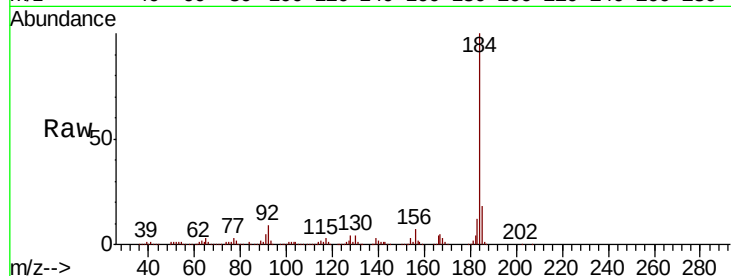
Tot Ion:184 Resp: 910835

Ion Ratio Lower Upper

184 100

185 18.1 12.6 18.8

183 11.6 9.4 14.2

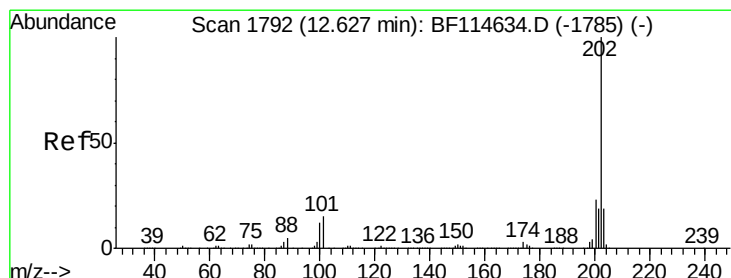
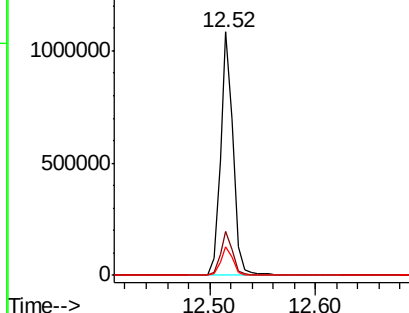
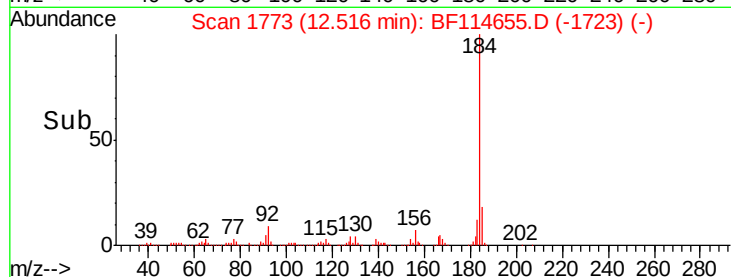


Abundance

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: 18.603 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF114655.D

Acq: 30 May 2019 12:35

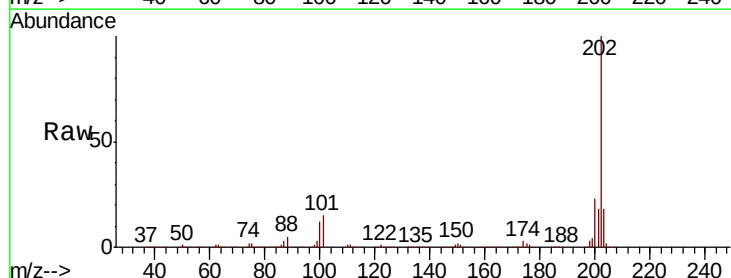
Tgt Ion:202 Resp: 1645060

Ion Ratio Lower Upper

202 100

200 22.7 18.6 28.0

203 18.3 15.4 23.2

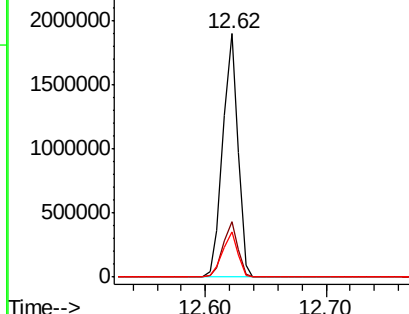
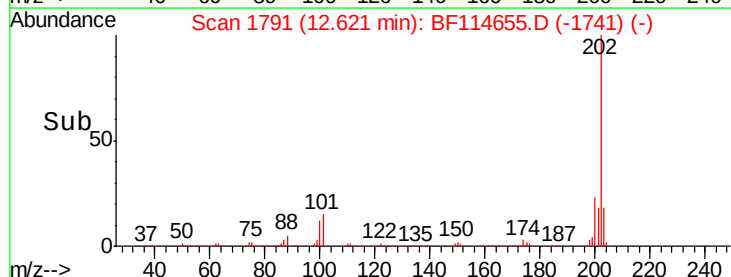


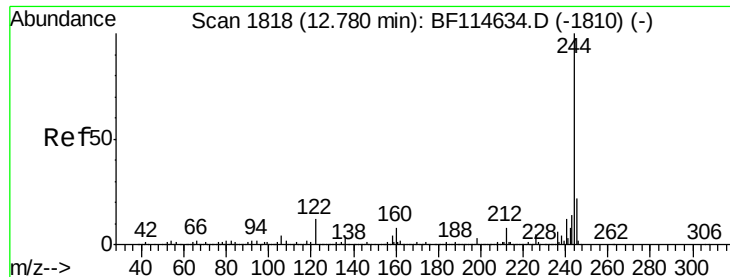
Abundance

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: 112.915 ng

RT: 12.79 min Scan# 1819

Delta R.T. 0.01 min

Lab File: BF114655.D

Acq: 30 May 2019 12:35

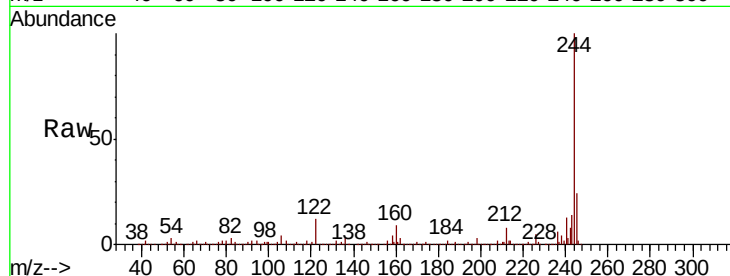
Instrument :

BNA_F

ClientSampled :

Tot Ion:244 Resp: 6278203

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.1	9.1
122	11.7	9.8	14.8

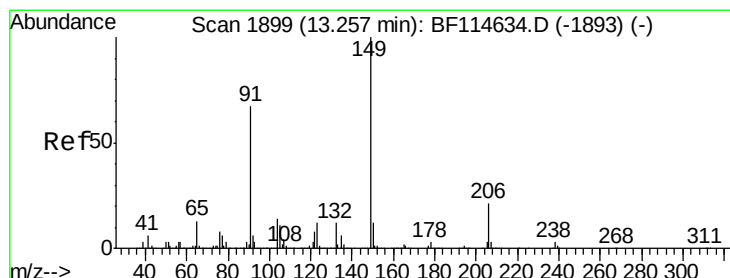
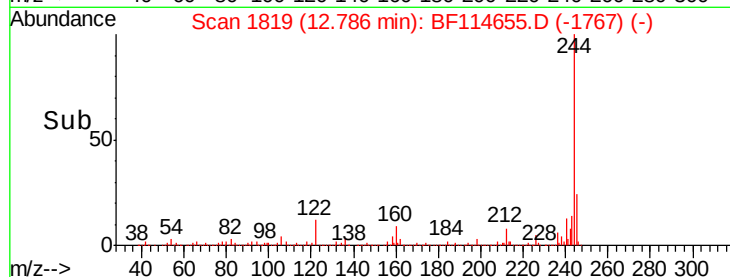
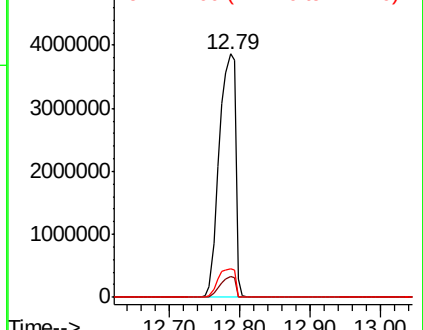


Abundance

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



#80

Butylbenzylphthalate

Concen: 16.755 ng

RT: 13.25 min Scan# 1898

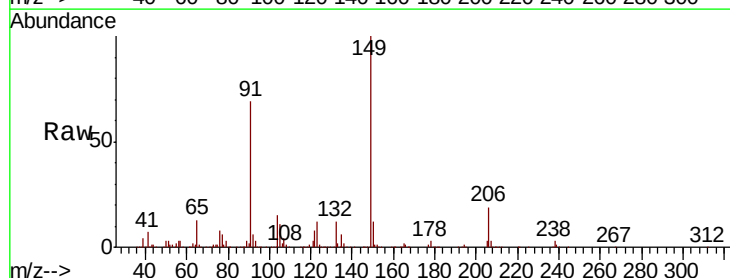
Delta R.T. -0.01 min

Lab File: BF114655.D

Acq: 30 May 2019 12:35

Tgt Ion:149 Resp: 744637

Ion	Ratio	Lower	Upper
149	100		
91	69.4	53.8	80.8
206	19.4	16.9	25.3

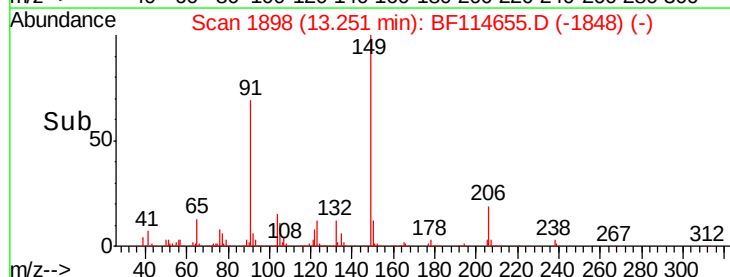
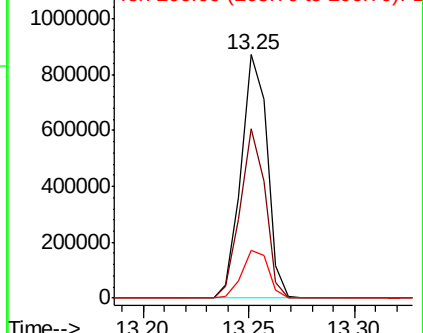


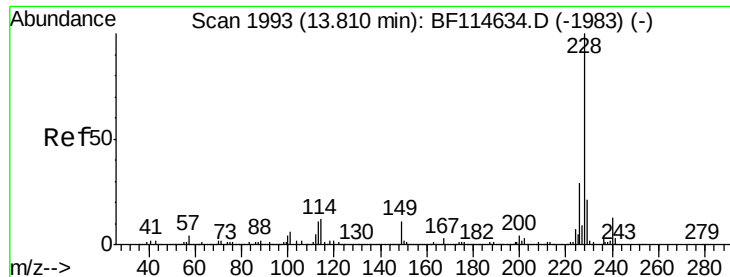
Abundance

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





#81

Benzo(a)anthracene

Concen: 19.021 ng

RT: 13.80 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BF114655.D

Acq: 30 May 2019 12:35

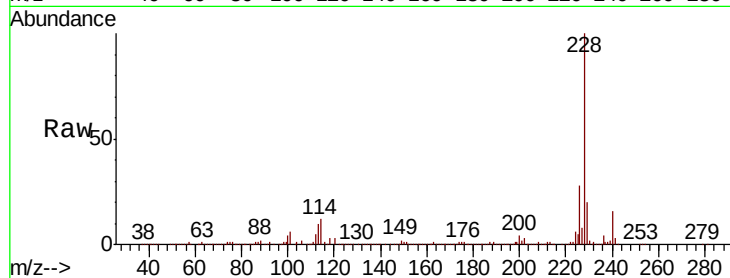
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1528070

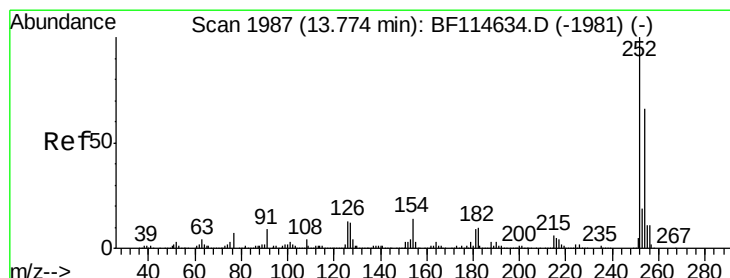
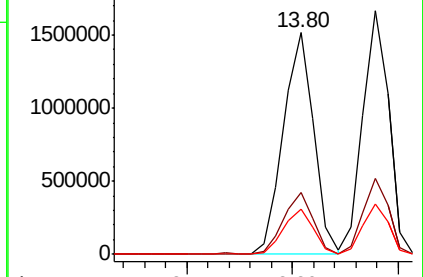
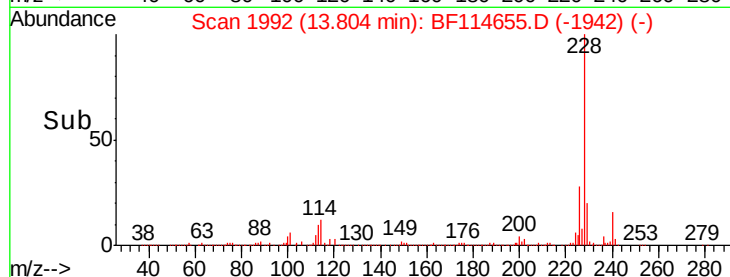
Ion	Ratio	Lower	Upper
228	100		
226	27.9	23.0	34.6
229	20.3	17.0	25.4



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: 18.687 ng

RT: 13.77 min Scan# 1986

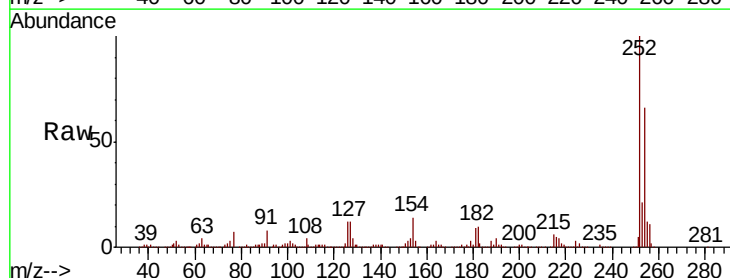
Delta R.T. -0.01 min

Lab File: BF114655.D

Acq: 30 May 2019 12:35

Tgt Ion:252 Resp: 579752

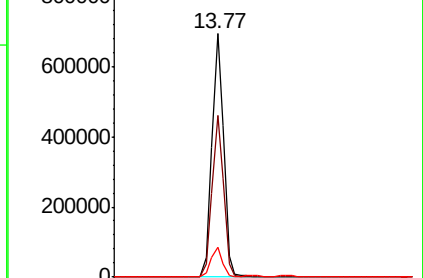
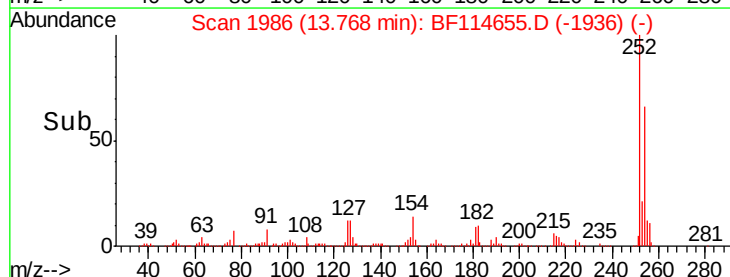
Ion	Ratio	Lower	Upper
252	100		
254	66.4	53.1	79.7
126	12.5	10.2	15.2

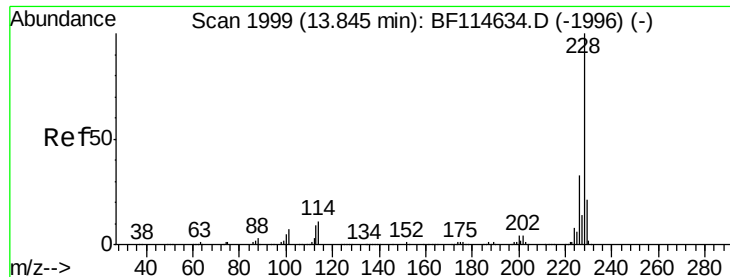


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 18.712 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF114655.D

Acq: 30 May 2019 12:35

Instrument :

BNA_F

ClientSampleId :

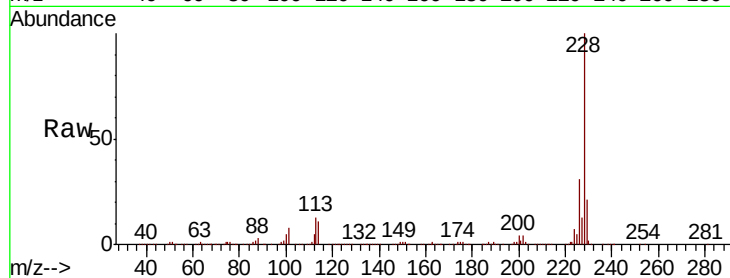
Tot Ion:228 Resp: 1436199

Ion Ratio Lower Upper

228 100

226 31.2 26.4 39.6

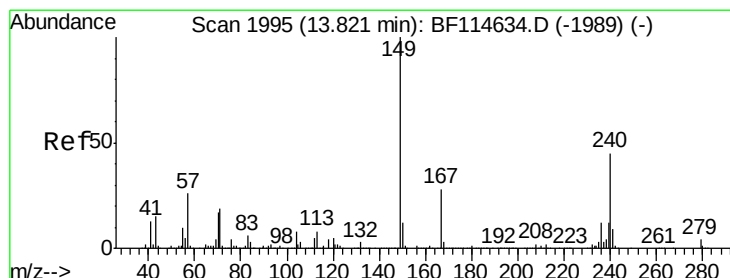
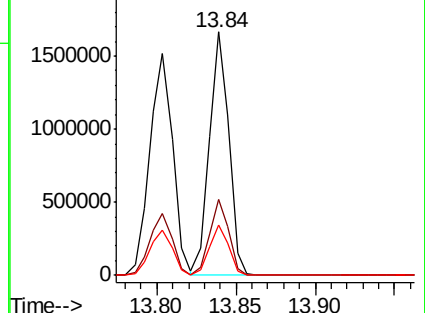
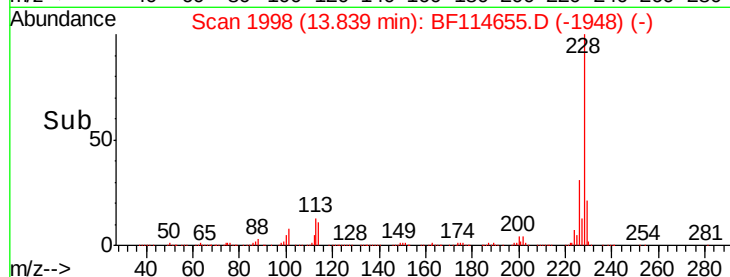
229 20.6 17.1 25.7



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: 18.332 ng

RT: 13.82 min Scan# 1995

Delta R.T. 0.00 min

Lab File: BF114655.D

Acq: 30 May 2019 12:35

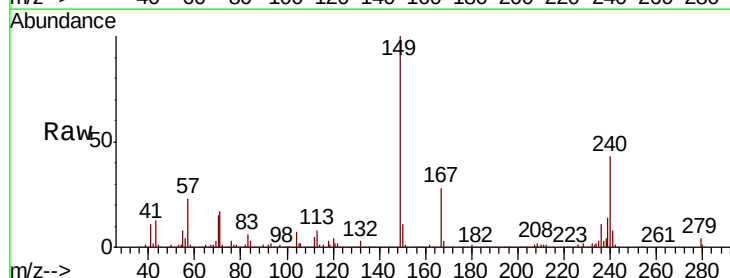
Tgt Ion:149 Resp: 1007250

Ion Ratio Lower Upper

149 100

167 28.0 22.6 33.8

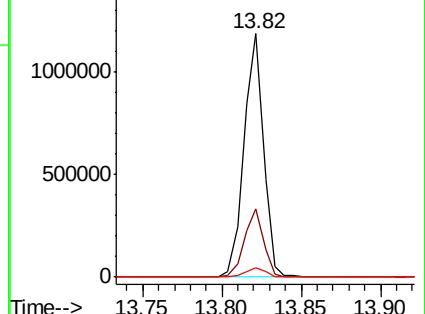
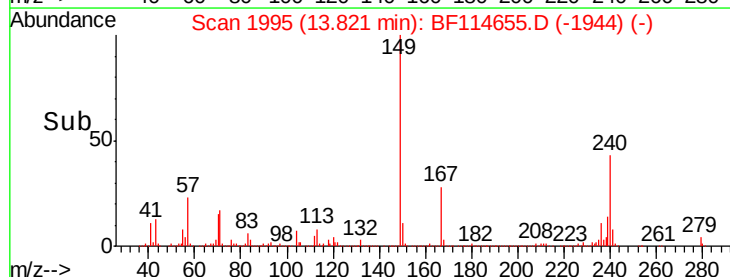
279 3.9 3.0 4.4

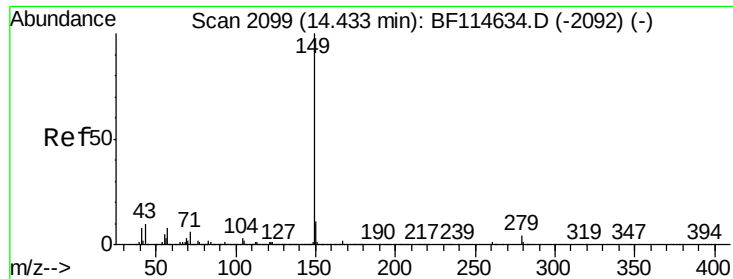


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

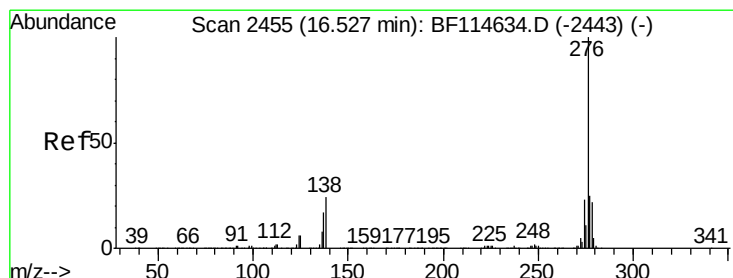
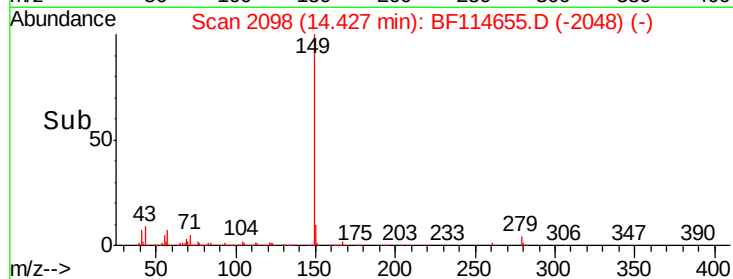
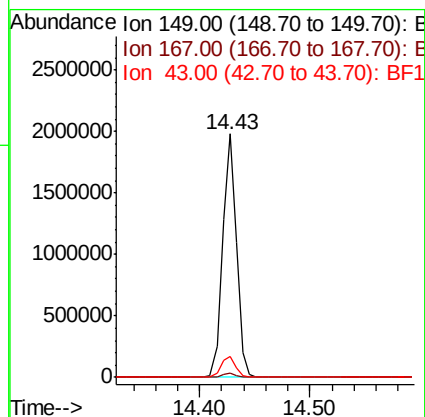
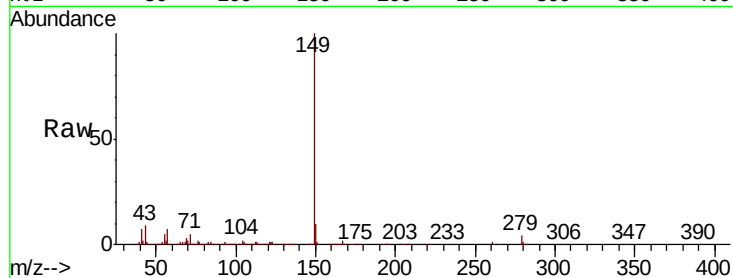




#85
Di-n-octyl phthalate
Concen: 18.087 ng
RT: 14.43 min Scan# 2098
Delta R.T. -0.01 min
Lab File: BF114655.D
Acq: 30 May 2019 12:35

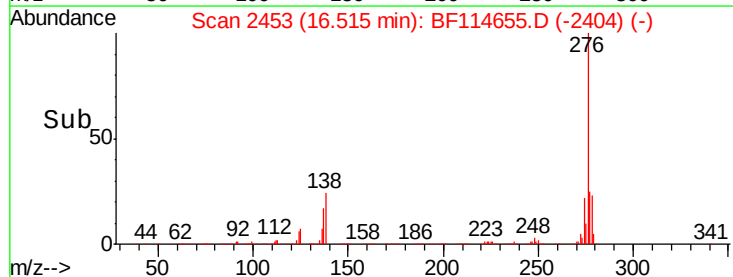
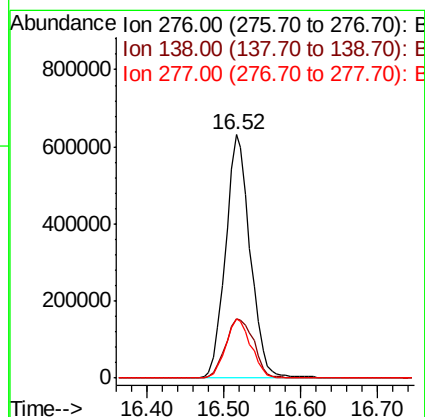
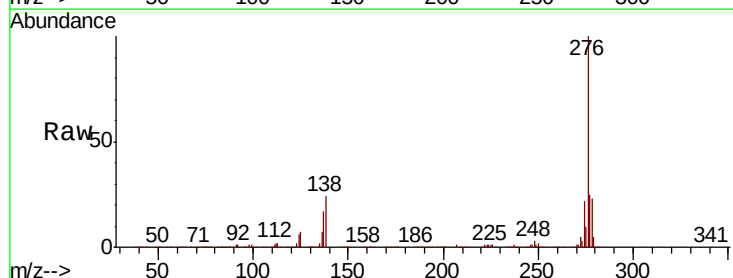
Instrument :
BNA_F
ClientSampled :

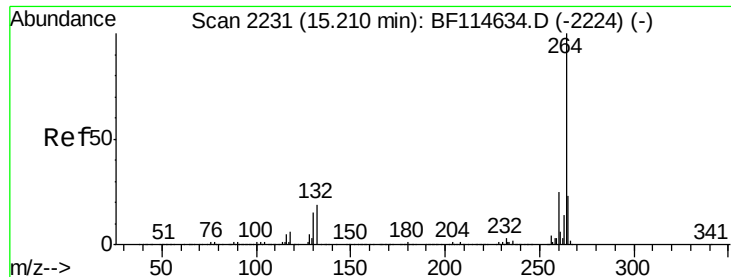
Tot Ion:149 Resp: 1726625
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 8.9 8.0 12.0



#86
Indeno(1,2,3-cd)pyrene
Concen: 18.299 ng
RT: 16.52 min Scan# 2453
Delta R.T. -0.01 min
Lab File: BF114655.D
Acq: 30 May 2019 12:35

Tgt Ion:276 Resp: 1406715
Ion Ratio Lower Upper
276 100
138 28.2 23.0 34.6
277 25.2 20.5 30.7





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.20 min Scan# 2230

Delta R.T. -0.01 min

Lab File: BF114655.D

Acq: 30 May 2019 12:35

Instrument :

BNA_F

ClientSampled :

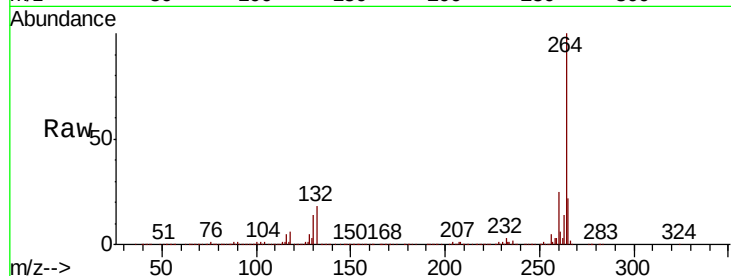
Tot Ion:264 Resp: 1152126

Ion Ratio Lower Upper

264 100

260 25.3 19.7 29.5

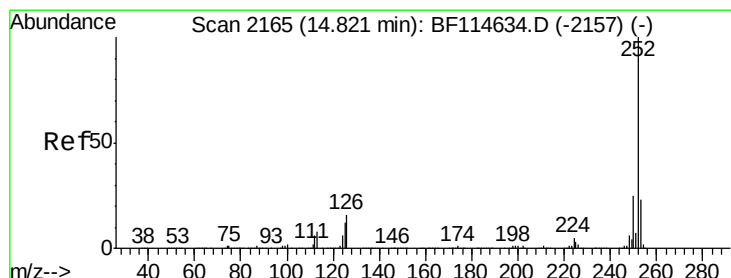
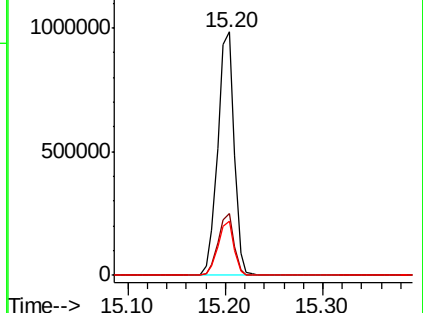
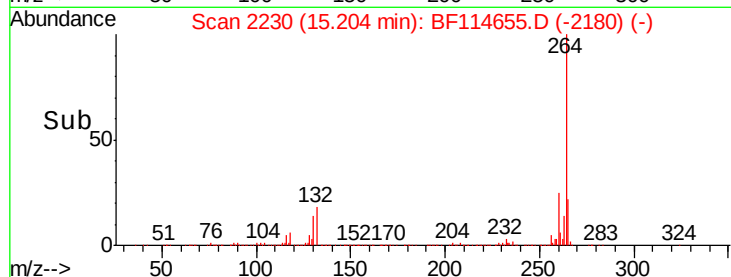
265 22.3 18.1 27.1



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: 20.598 ng

RT: 14.82 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BF114655.D

Acq: 30 May 2019 12:35

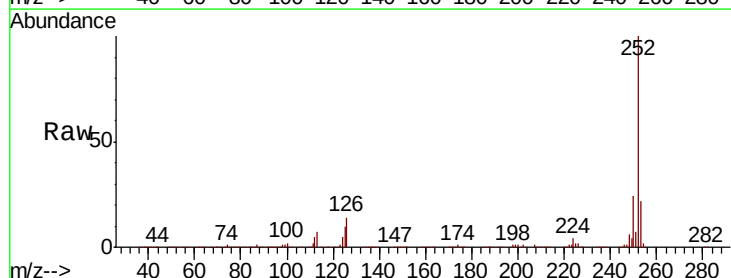
Tgt Ion:252 Resp: 1494666

Ion Ratio Lower Upper

252 100

253 22.4 18.7 28.1

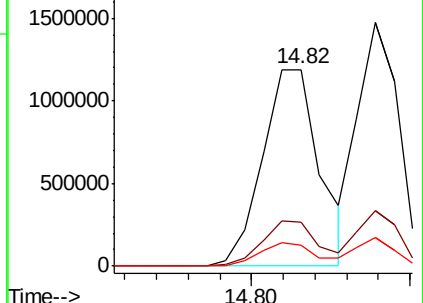
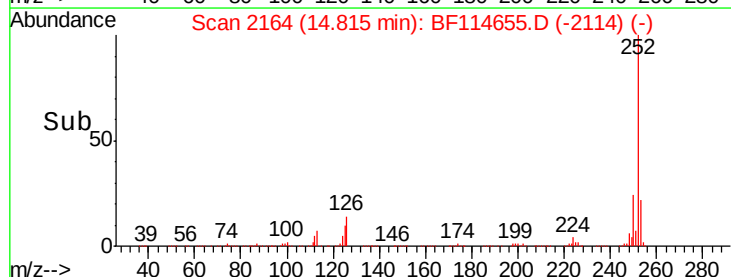
125 10.4 9.4 14.2

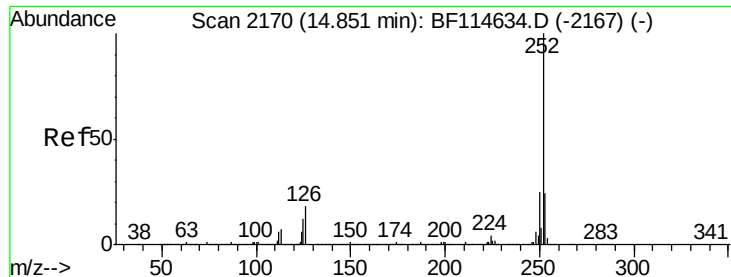


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

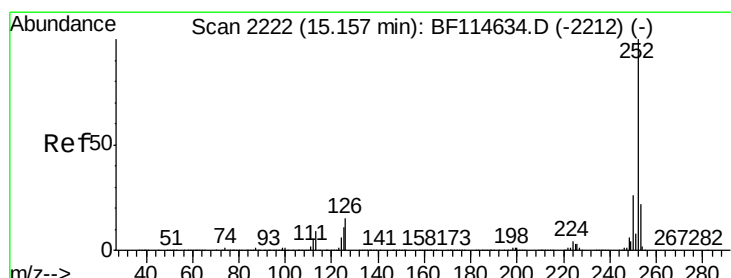
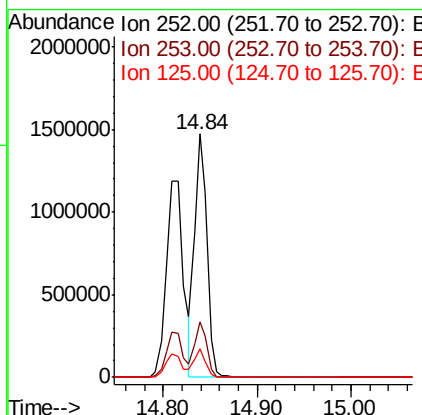
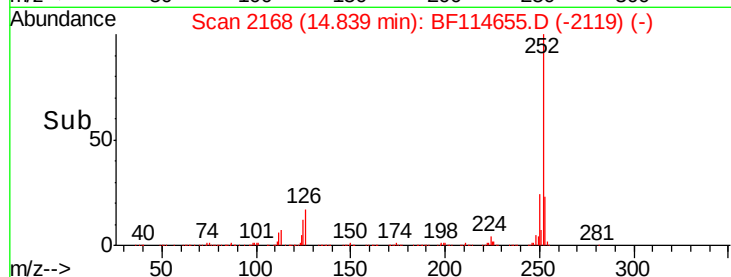
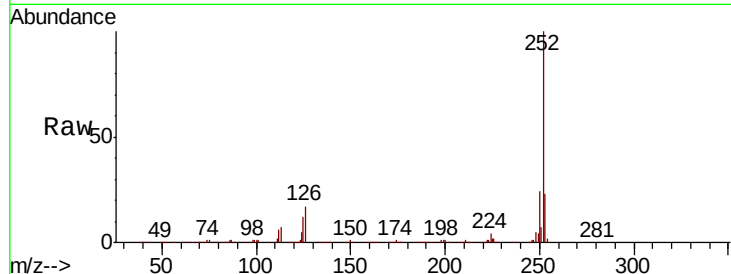




#89
Benzo(k)fluoranthene
Concen: 21.086 ng
RT: 14.84 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BF114655.D
Acq: 30 May 2019 12:35

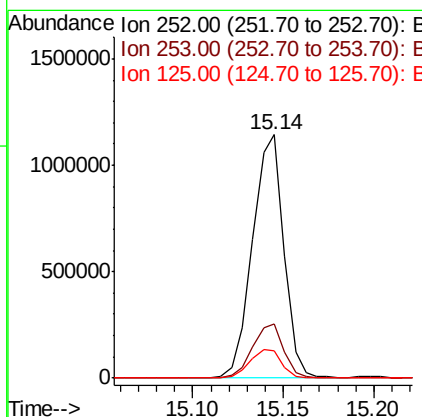
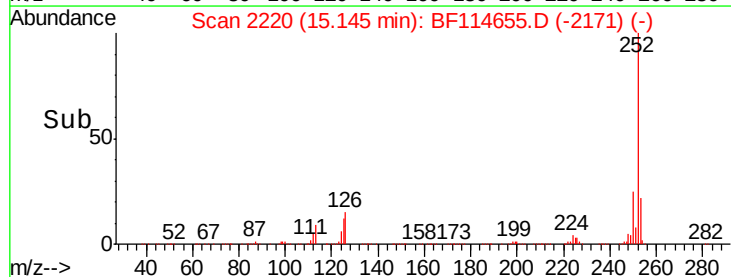
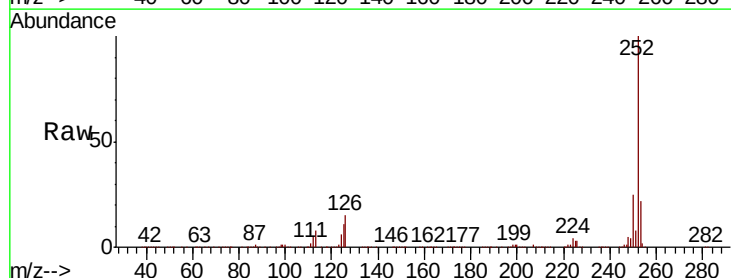
Instrument :
BNA_F
ClientSampleId :

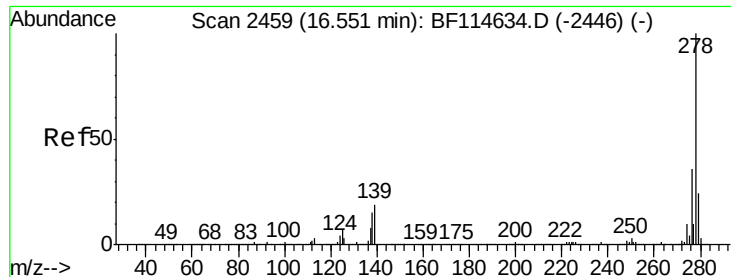
Tot Ion:252 Resp: 1329905
Ion Ratio Lower Upper
252 100
253 22.8 18.9 28.3
125 11.9 9.5 14.3



#90
Benzo(a)pyrene
Concen: 21.531 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BF114655.D
Acq: 30 May 2019 12:35

Tgt Ion:252 Resp: 1372542
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 11.4 9.2 13.8

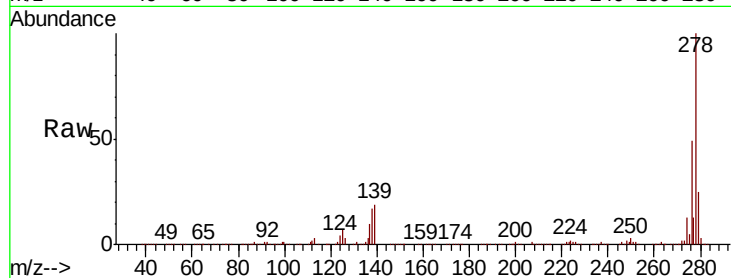




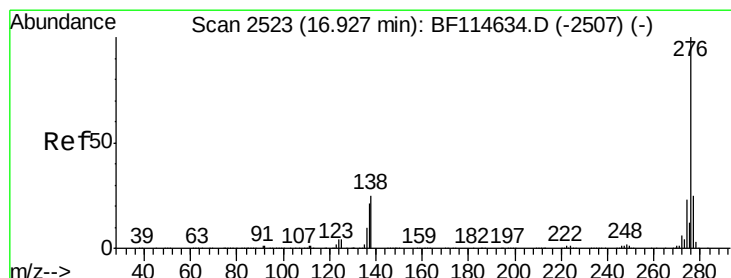
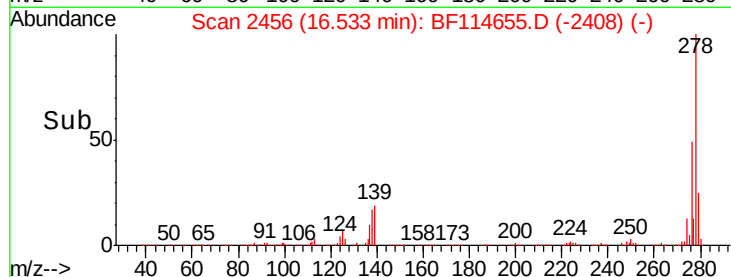
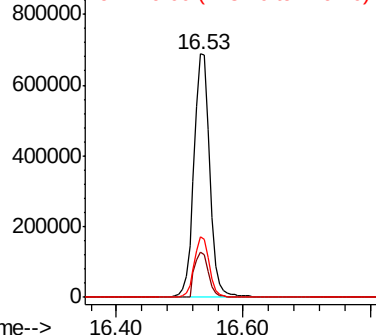
#91
Dibenzo(a,h)anthracene
Concen: 21.289 ng
RT: 16.53 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BF114655.D
Acq: 30 May 2019 12:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 1199225
Ion Ratio Lower Upper
278 100
139 18.6 14.9 22.3
279 24.8 19.5 29.3

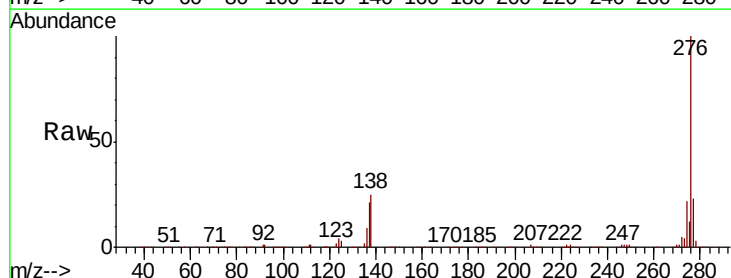


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 20.403 ng
RT: 16.91 min Scan# 2520
Delta R.T. -0.02 min
Lab File: BF114655.D
Acq: 30 May 2019 12:35

Tgt Ion:276 Resp: 1115506
Ion Ratio Lower Upper
276 100
277 23.5 19.7 29.5
138 25.1 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

