

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\
 Data File : BF114660.D
 Acq On : 30 May 2019 14:53
 Operator : HP/JU
 Sample : K2241-07
 Misc : LOD-WATER-5PPM
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 31 05:43:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 19:08:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	413346	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1553928	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	776410	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	1475869	20.00	ng	0.00
76) Chrysene-d12	13.81	240	1108099	20.00	ng	0.00
87) Perylene-d12	15.20	264	1119457	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	3014289	128.03	ng	0.01
7) Phenol-d6	6.33	99	3575569	126.03	ng	0.00
23) Nitrobenzene-d5	7.26	82	2201636	88.39	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	1045052	141.26	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	3696294	90.46	ng	0.00
79) Terphenyl-d14	12.78	244	3896988	66.12	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.38	88	59372	5.255	ng	98
3) Pyridine	3.14	79	136567	4.153	ng	95
4) n-Nitrosodimethylamine	2.98	42	55369	4.161	ng	# 100
6) Aniline	6.36	93	219294	5.117	ng	97
8) 2-Chlorophenol	6.48	128	148635	5.467	ng	95
10) Phenol	6.34	94	181148	5.286	ng	91
11) bis(2-Chloroethyl)ether	6.43	93	140074	5.343	ng	95
12) 1,3-Dichlorobenzene	6.63	146	165876	5.355	ng	99
13) 1,4-Dichlorobenzene	6.71	146	169631	5.459	ng	98
14) 1,2-Dichlorobenzene	6.86	146	156819	5.543	ng	99
15) Benzyl Alcohol	6.83	79	147033	6.589	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	195274	4.857	ng	99
17) 2-Methylphenol	6.94	107	116350	5.060	ng	98
18) Hexachloroethane	7.21	117	56521	4.804	ng	90
19) n-Nitroso-di-n-propylamine	7.10	70	100486	5.131	ng	97
20) 3+4-Methylphenols	7.10	107	151117	5.587	ng	92
22) Acetophenone	7.10	105	206649	6.241	ng	97
24) Nitrobenzene	7.27	77	153716	5.810	ng	98
25) Isophorone	7.51	82	270139	5.404	ng	100
26) 2-Nitrophenol	7.59	139	61139	4.747	ng	98
27) 2,4-Dimethylphenol	7.63	122	125802	5.873	ng	98
28) bis(2-Chloroethoxy)methane	7.73	93	169586	5.330	ng	98
29) 2,4-Dichlorophenol	7.82	162	121886	5.591	ng	96
30) 1,2,4-Trichlorobenzene	7.92	180	139937	5.634	ng	98
31) Naphthalene	7.99	128	448854	6.271	ng	97
32) Benzoic acid	7.68	122	44905	3.228	ng	98
33) 4-Chloroaniline	8.04	127	183296	5.375	ng	96
34) Hexachlorobutadiene	8.12	225	76195	5.522	ng	99
35) Caprolactam	8.36	113	36155	4.914	ng	96
36) 4-Chloro-3-methylphenol	8.52	107	120289	5.502	ng	98
37) 2-Methylnaphthalene	8.68	142	303592	6.384	ng	99
38) 1-Methylnaphthalene	8.78	142	286944	6.368	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	132923	6.429	ng	98
41) Hexachlorocyclopentadiene	8.85	237	74551	5.456	ng	98

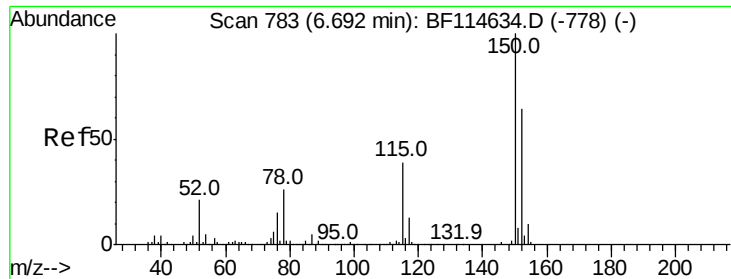
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 19:08:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	8.96	196	84534	5.196	ng	100
44) 2,4,5-Trichlorophenol	8.99	196	88069	5.425	ng	98
46) 1,1'-Biphenyl	9.15	154	369691	6.415	ng	95
47) 2-Chloronaphthalene	9.17	162	286310	6.056	ng	96
48) 2-Nitroaniline	9.25	65	66954	4.589	ng	91
49) Acenaphthylene	9.57	152	444927	6.092	ng	96
50) Dimethylphthalate	9.44	163	312976	5.785	ng	98
51) 2,6-Dinitrotoluene	9.50	165	63831	5.078	ng	97
52) Acenaphthene	9.75	154	265098	5.918	ng	98
53) 3-Nitroaniline	9.66	138	71102	4.621	ng	97
54) 2,4-Dinitrophenol	9.76	184	12242	2.469	ng	# 53
55) Dibenzofuran	9.92	168	393590	6.173	ng	92
56) 4-Nitrophenol	9.81	139	48533	4.257	ng	93
57) 2,4-Dinitrotoluene	9.89	165	78399	4.859	ng	93
58) Fluorene	10.26	166	302929	2.463	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.03	232	71885	5.410	ng	98
60) Diethylphthalate	10.15	149	311845	5.644	ng	98
61) 4-Chlorophenyl-phenylether	10.26	204	146821	2.628	ng	99
62) 4-Nitroaniline	10.26	138	67503	4.502	ng	98
63) Azobenzene	10.42	77	288801	5.693	ng	96
65) 4,6-Dinitro-2-methylphenol	10.30	198	21650	3.308	ng	89
66) n-Nitrosodiphenylamine	10.37	169	262532	6.021	ng	98
67) 4-Bromophenyl-phenylether	10.75	248	87835	5.550	ng	99
68) Hexachlorobenzene	10.81	284	96276	5.616	ng	94
69) Atrazine	10.90	200	75949	4.380	ng	98
70) Pentachlorophenol	11.00	266	42988	4.350	ng	99
71) Phenanthrene	11.22	178	450260	5.981	ng	96
72) Anthracene	11.26	178	460042	6.038	ng	97
73) Carbazole	11.42	167	397025	5.929	ng	97
74) Di-n-butylphthalate	11.76	149	471051	2.400	ng	96
75) Fluoranthene	12.39	202	447723	5.743	ng	95
77) Benzidine	12.52	184	189820	4.160	ng	98
78) Pyrene	12.62	202	459078	4.898	ng	96
80) Butylbenzylphthalate	13.25	149	179456	3.809	ng	99
81) Benzo(a)anthracene	13.80	228	412966	4.850	ng	97
82) 3,3'-Dichlorobenzidine	13.76	252	141224	4.294	ng	99
83) Chrysene	13.83	228	404429	4.971	ng	96
84) Bis(2-ethylhexyl)phthalate	13.82	149	267198	4.588	ng	98
85) Di-n-octyl phthalate	14.43	149	420827	4.159	ng	97
86) Indeno(1,2,3-cd)pyrene	16.51	276	341410	4.190	ng	97
88) Benzo(b)fluoranthene	14.81	252	387279	5.493	ng	96
89) Benzo(k)fluoranthene	14.83	252	358043	5.842	ng	97
90) Benzo(a)pyrene	15.14	252	343692	5.549	ng	98
91) Dibenzo(a,h)anthracene	16.53	278	284681	5.201	ng	100
92) Benzo(g,h,i)perylene	16.90	276	268381	5.052	ng	98

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

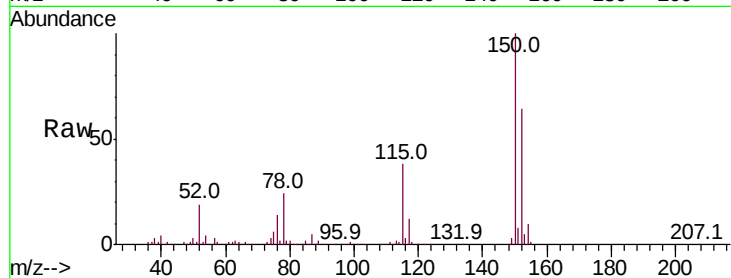


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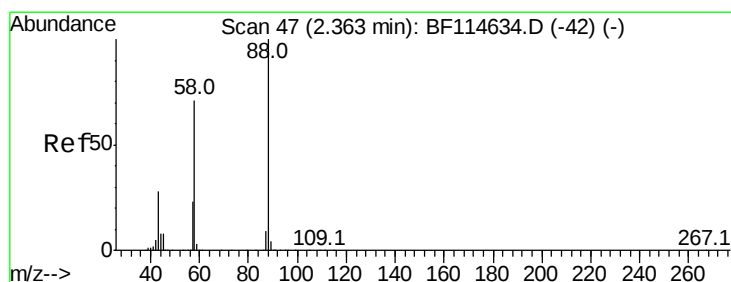
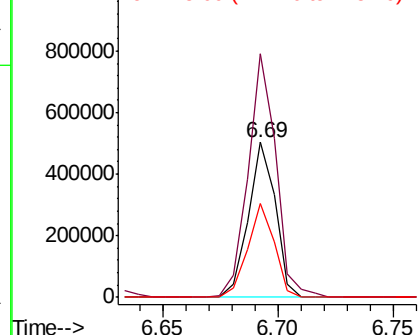
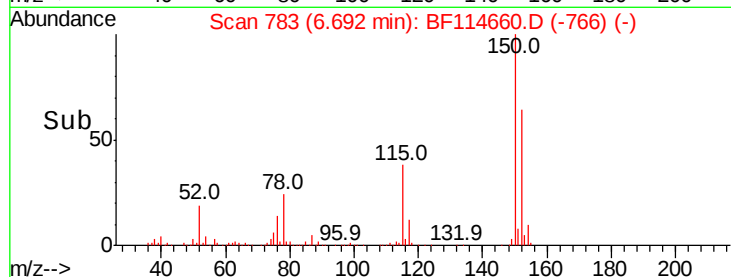
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF114660.D
Acq: 30 May 2019 14:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 413346
Ion Ratio Lower Upper
152 100
150 157.4 124.4 186.6
115 60.4 48.7 73.1



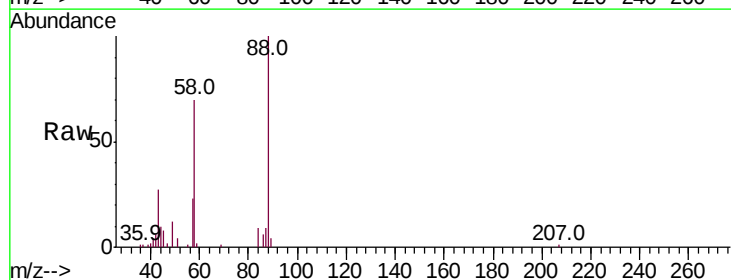
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



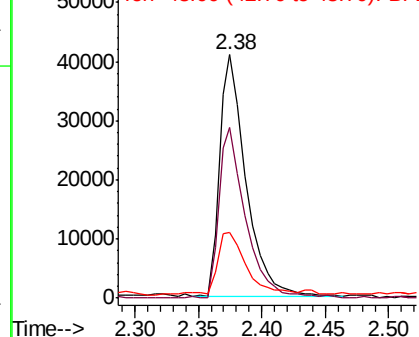
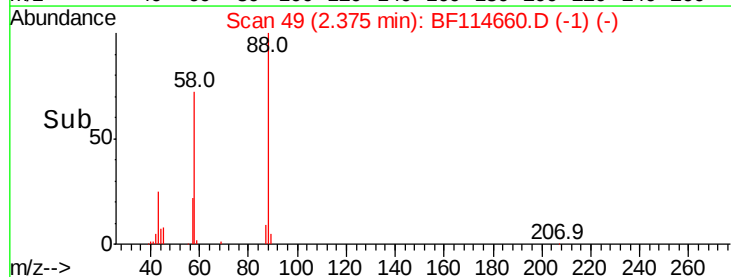
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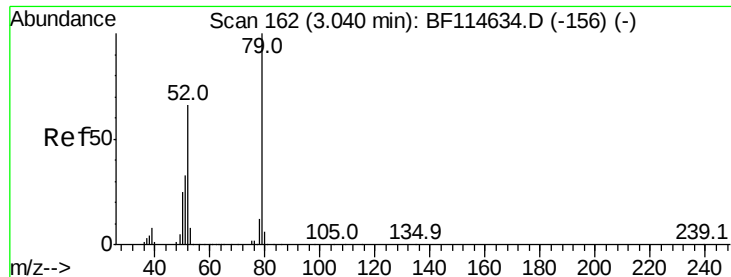
1,4-Dioxane
Concen: 5.255 ng
RT: 2.38 min Scan# 49
Delta R.T. 0.01 min
Lab File: BF114660.D
Acq: 30 May 2019 14:53

Tgt Ion: 88 Resp: 59372
Ion Ratio Lower Upper
88 100
58 72.0 57.2 85.8
43 25.7 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: 4.153 ng

RT: 3.14 min Scan# 179

Delta R.T. 0.10 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

Instrument :

BNA_F

ClientSampleId :

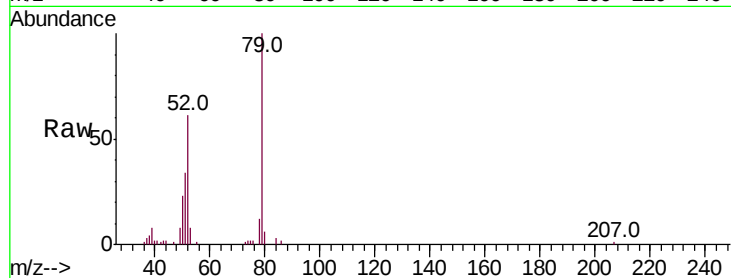
Tot Ion: 79 Resp: 136567

Ion Ratio Lower Upper

79 100

52 60.5 52.8 79.2

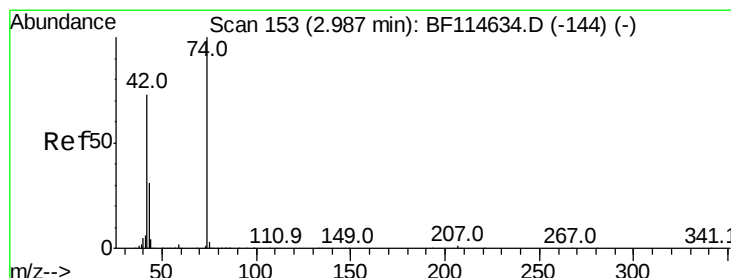
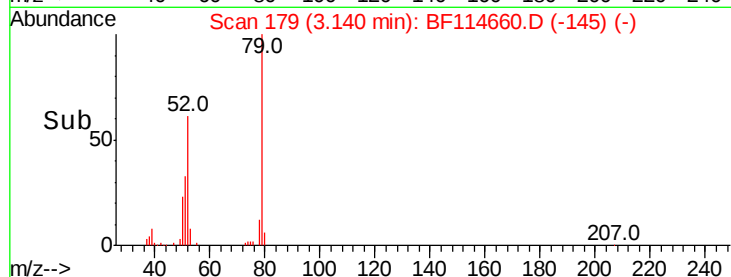
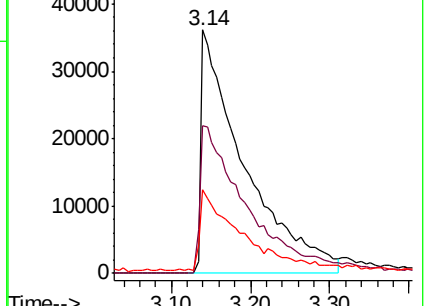
51 34.4 26.3 39.5



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: 4.161 ng

RT: 2.98 min Scan# 151

Delta R.T. -0.01 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

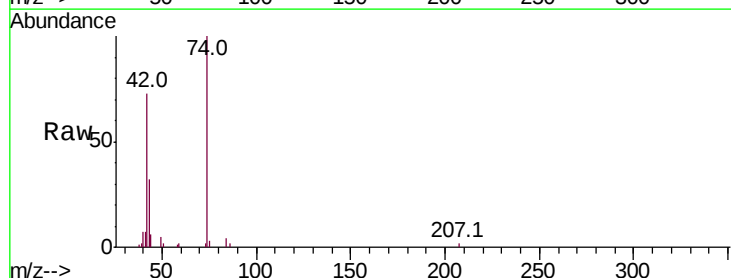
Tgt Ion: 42 Resp: 55369

Ion Ratio Lower Upper

42 100

74 137.5 110.0 165.0

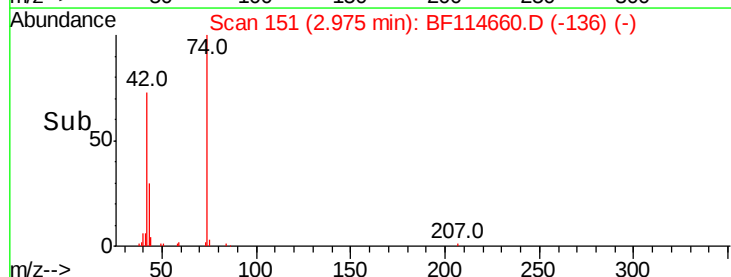
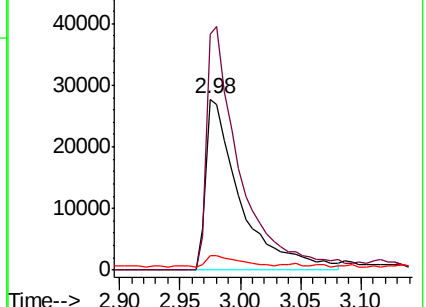
44 8.8 5.6 8.4#

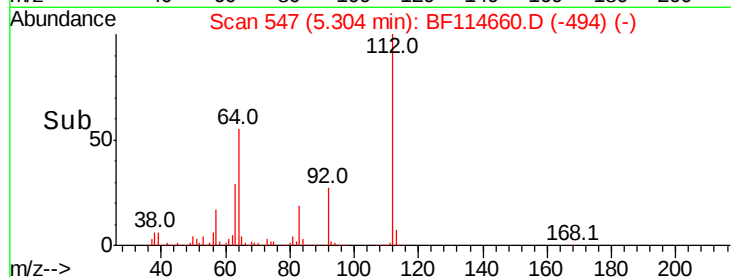
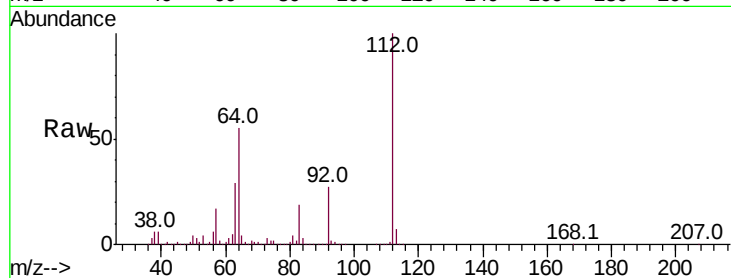
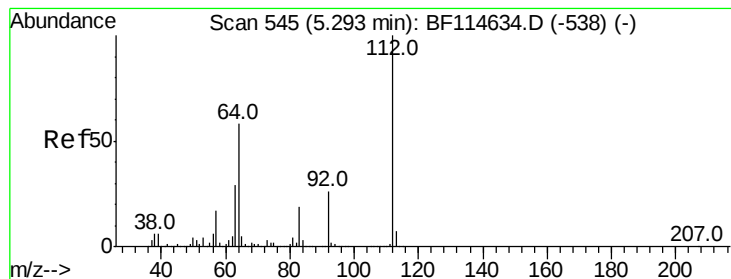


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 128.033 ng

RT: 5.30 min Scan# 547

Delta R.T. 0.01 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

Instrument :

BNA_F

ClientSampleId :

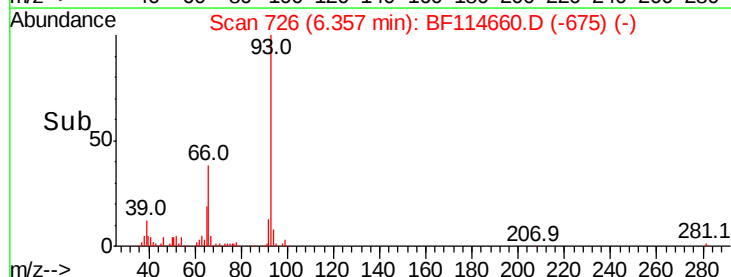
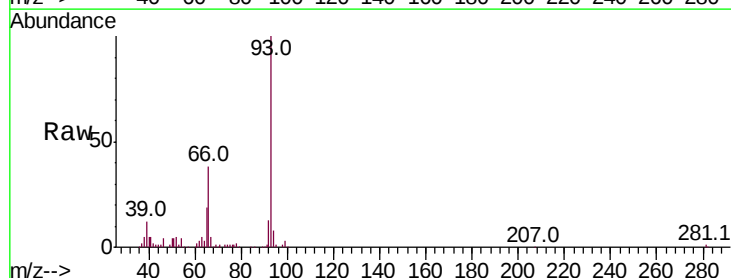
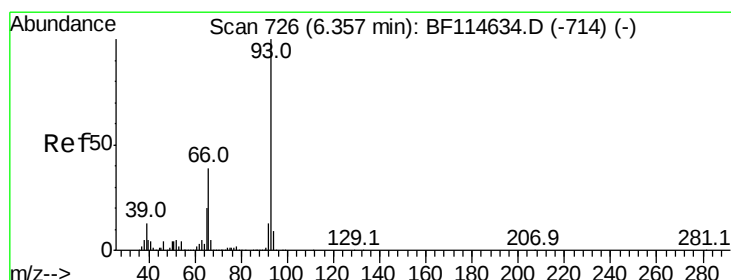
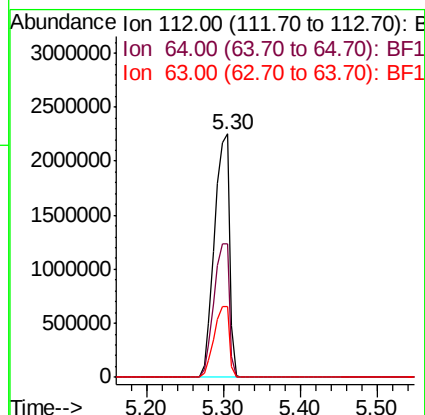
Tot Ion:112 Resp: 3014289

Ion Ratio Lower Upper

112 100

64 54.9 46.1 69.1

63 28.9 23.4 35.2



#6

Aniline

Concen: 5.117 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

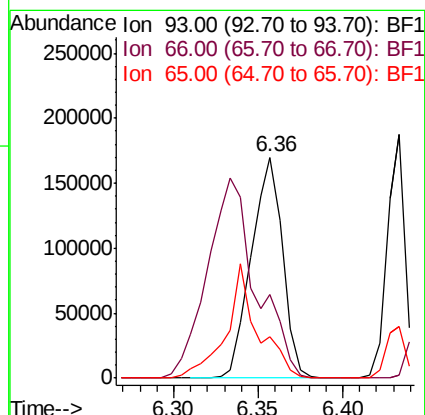
Tgt Ion: 93 Resp: 219294

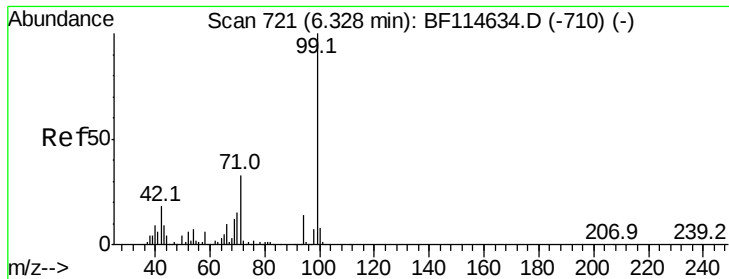
Ion Ratio Lower Upper

93 100

66 37.7 31.4 47.2

65 18.7 16.2 24.2





#7

Phenol-d6

Concen: 126.033 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

Instrument :

BNA_F

ClientSampleId :

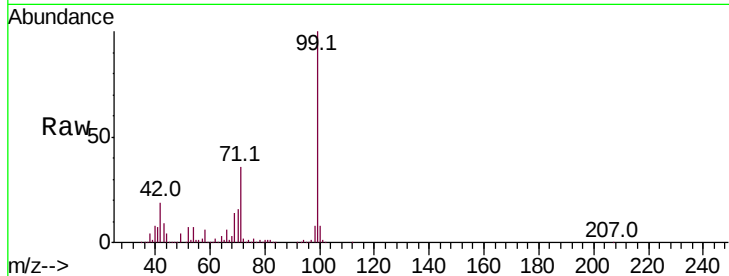
Tot Ion: 99 Resp: 3575569

Ion Ratio Lower Upper

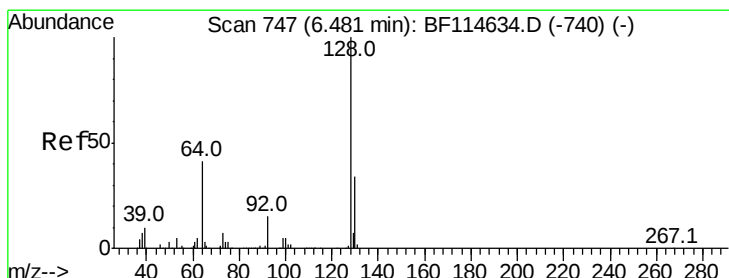
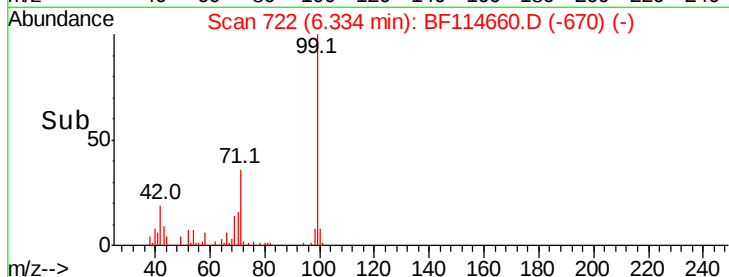
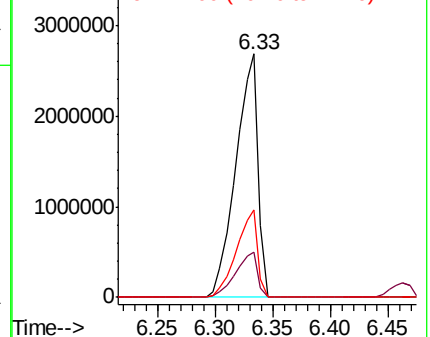
99 100

42 18.6 14.7 22.1

71 36.0 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: 5.467 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

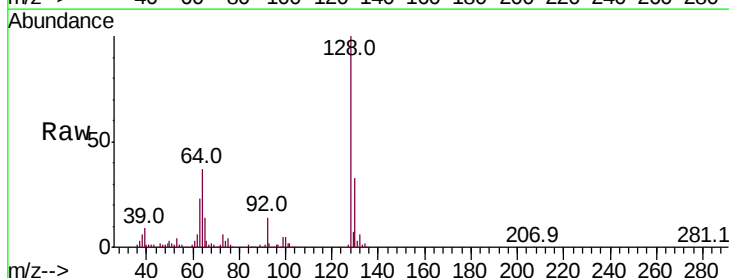
Tgt Ion: 128 Resp: 148635

Ion Ratio Lower Upper

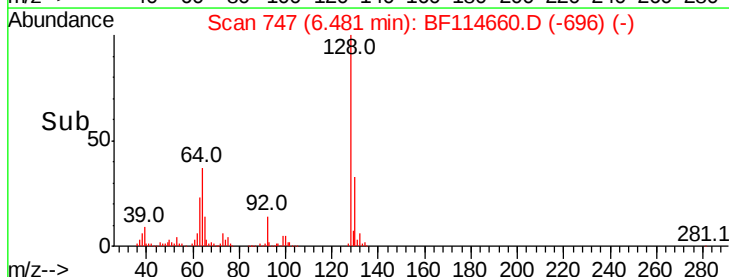
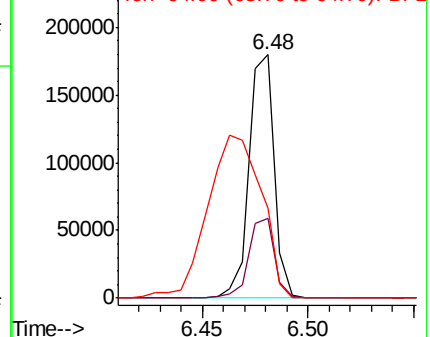
128 100

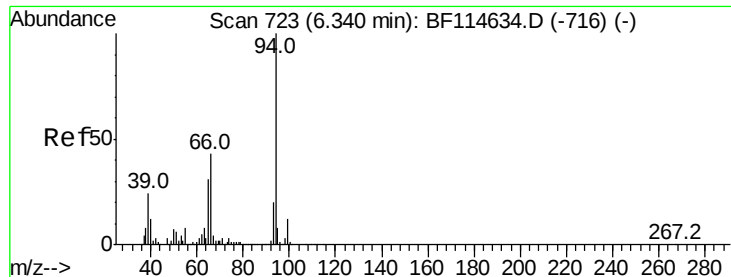
130 32.6 13.9 53.9

64 37.0 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





#10

Phenol

Concen: 5.286 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

Instrument :

BNA_F

ClientSampleId :

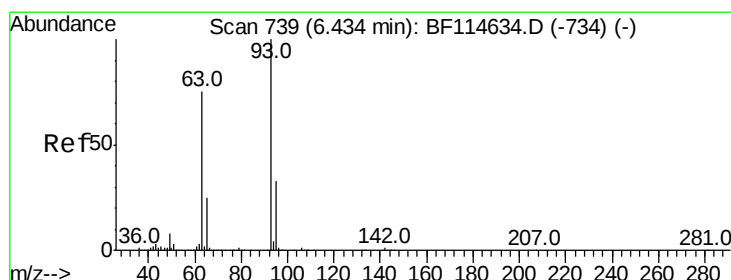
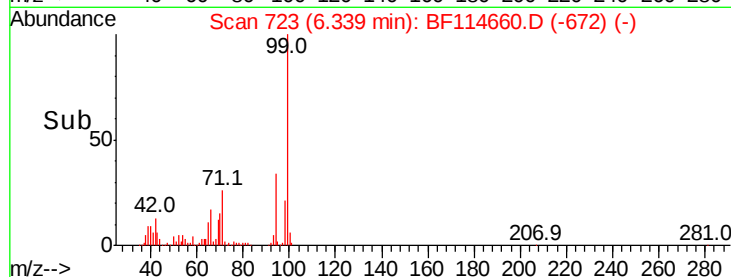
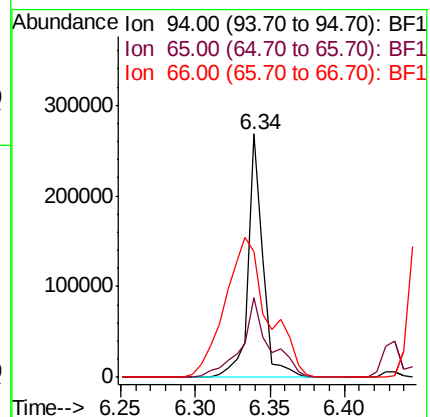
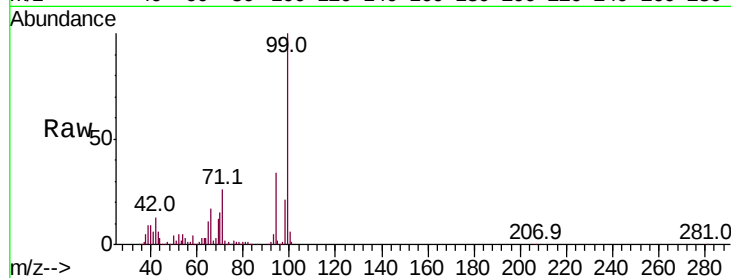
Tot Ion: 94 Resp: 181148

Ion Ratio Lower Upper

94 100

65 32.7 11.0 51.0

66 51.8 23.0 63.0



#11

bis(2-Chloroethyl)ether

Concen: 5.343 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

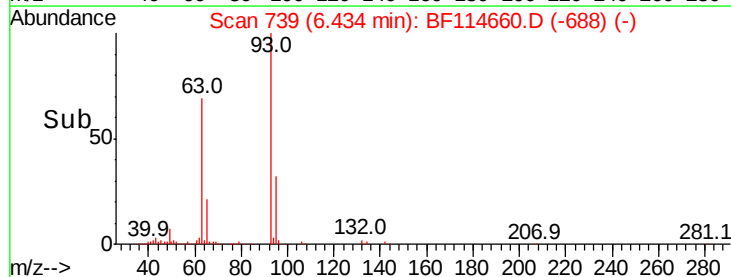
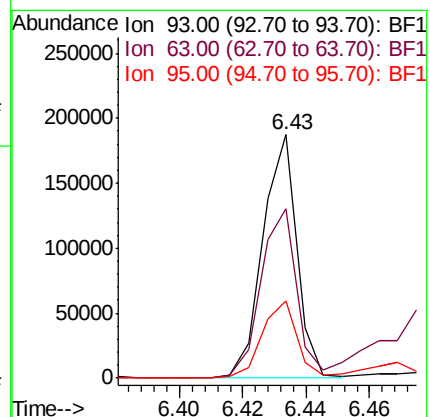
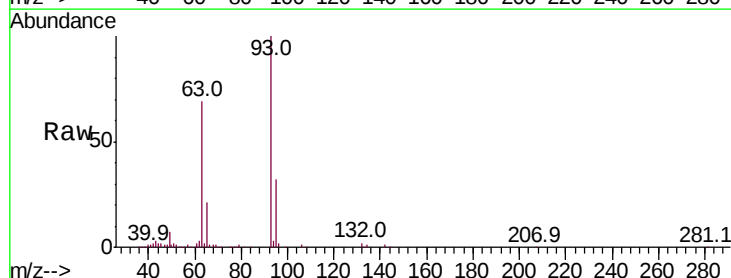
Tgt Ion: 93 Resp: 140074

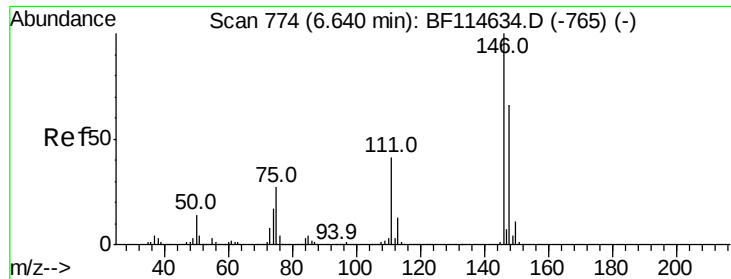
Ion Ratio Lower Upper

93 100

63 69.4 55.0 95.0

95 31.7 13.5 53.5





#12

1,3-Dichlorobenzene

Concen: 5.355 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

Instrument :

BNA_F

ClientSampleId :

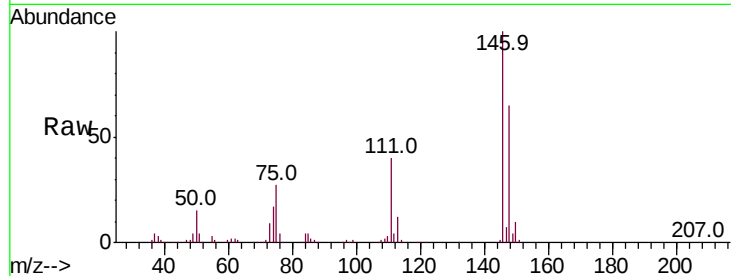
Tot Ion:146 Resp: 165876

Ion Ratio Lower Upper

146 100

148 64.7 52.9 79.3

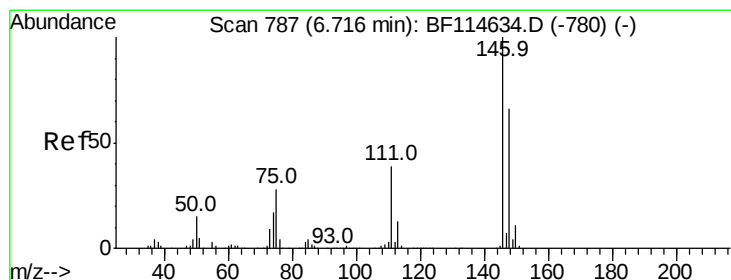
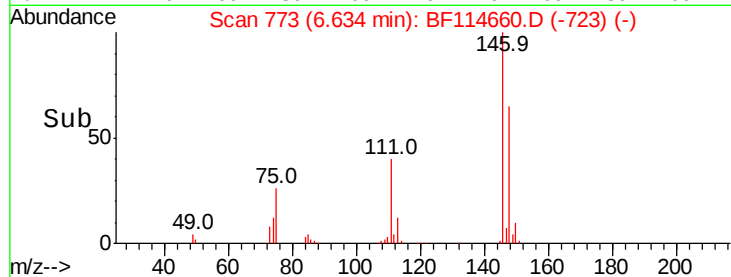
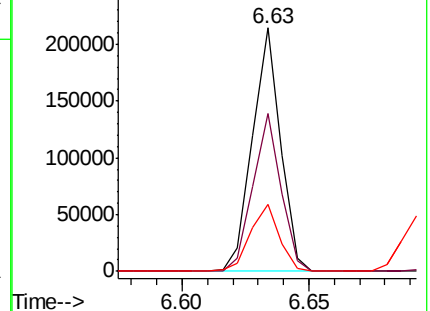
75 27.3 22.0 33.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1



#13

1,4-Dichlorobenzene

Concen: 5.459 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.01 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

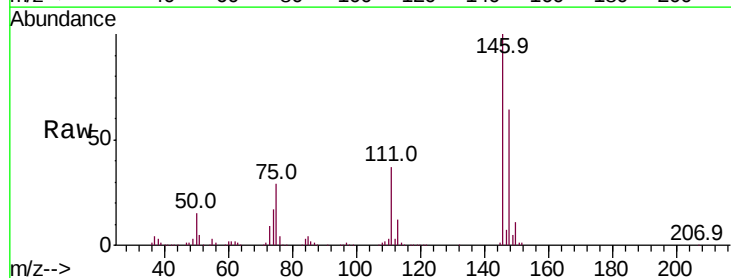
Tgt Ion:146 Resp: 169631

Ion Ratio Lower Upper

146 100

148 63.9 52.5 78.7

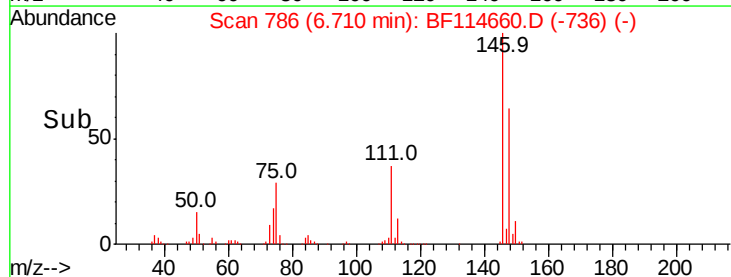
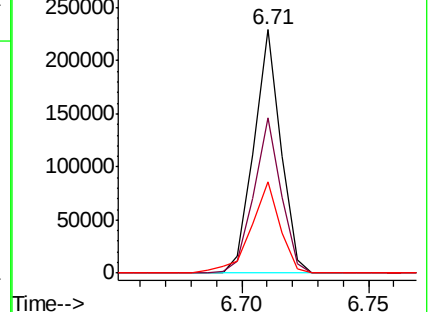
111 37.5 31.4 47.2

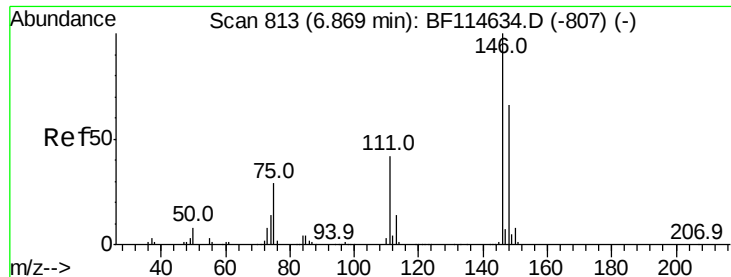


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 5.543 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

Instrument :

BNA_F

ClientSampled :

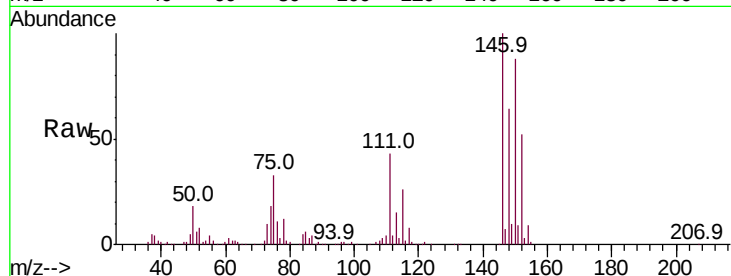
Tot Ion:146 Resp: 156819

Ion Ratio Lower Upper

146 100

148 64.0 52.6 79.0

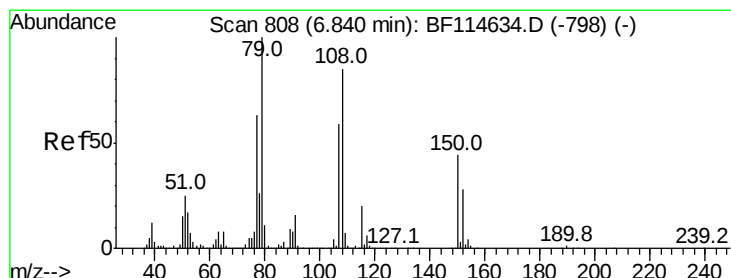
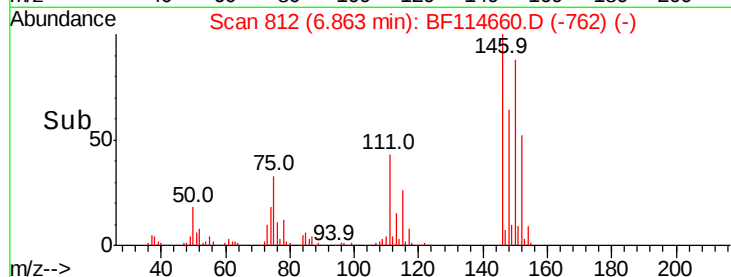
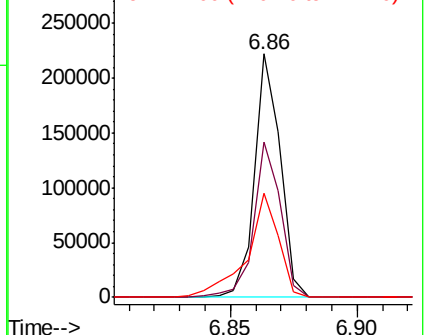
111 42.8 34.1 51.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 6.589 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

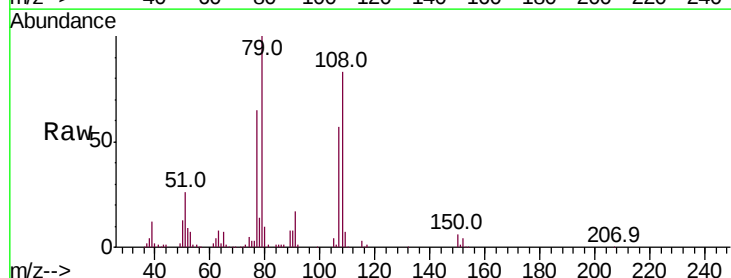
Tgt Ion: 79 Resp: 147033

Ion Ratio Lower Upper

79 100

108 83.0 67.8 101.8

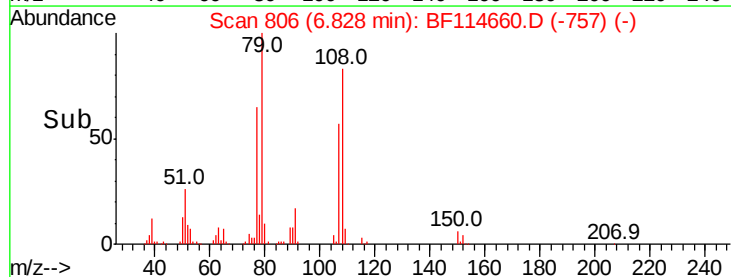
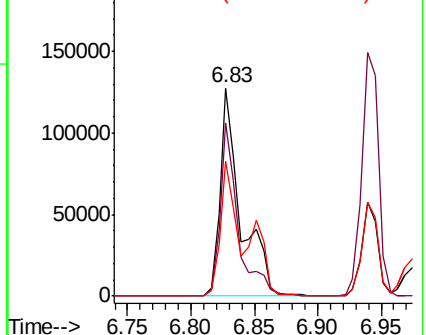
77 64.6 50.7 76.1

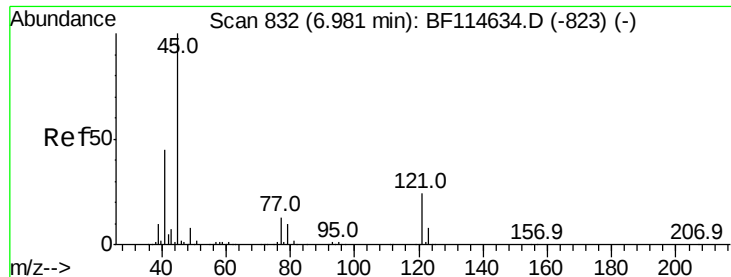


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

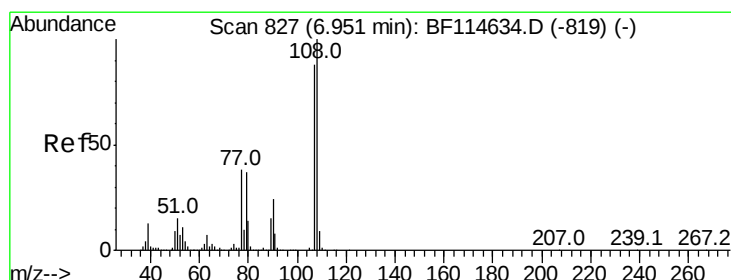
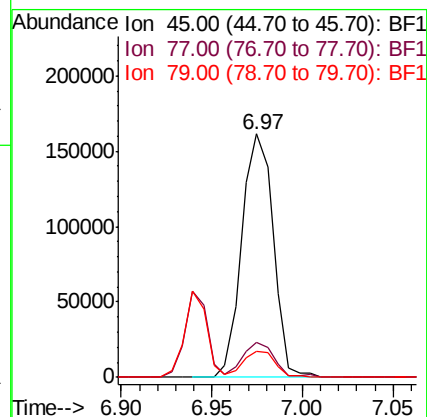
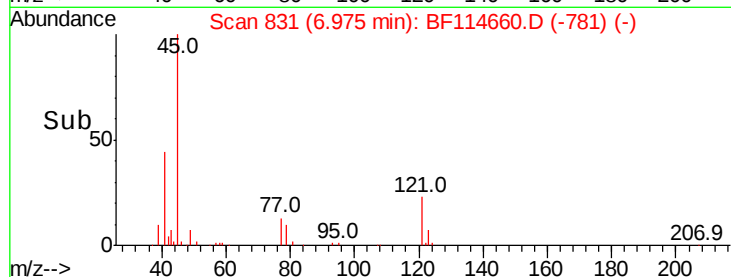
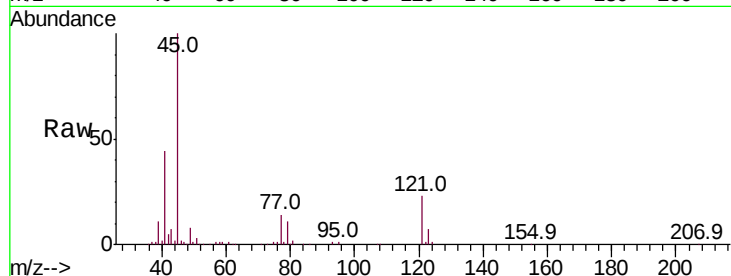




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 4.857 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF114660.D
Acq: 30 May 2019 14:53

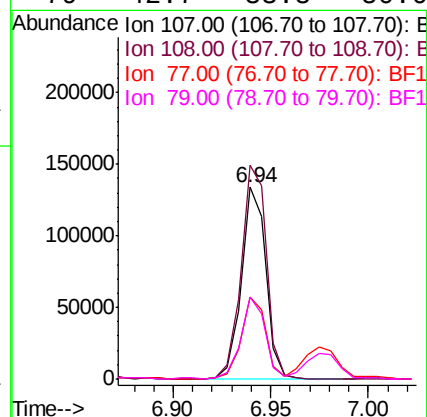
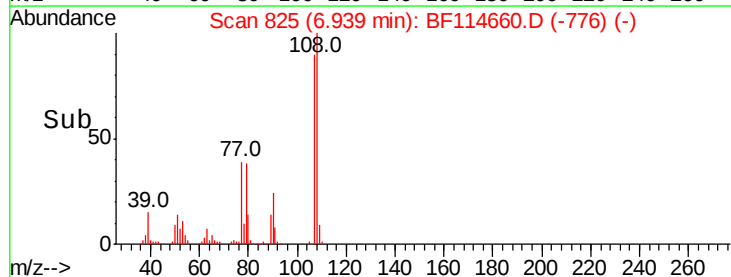
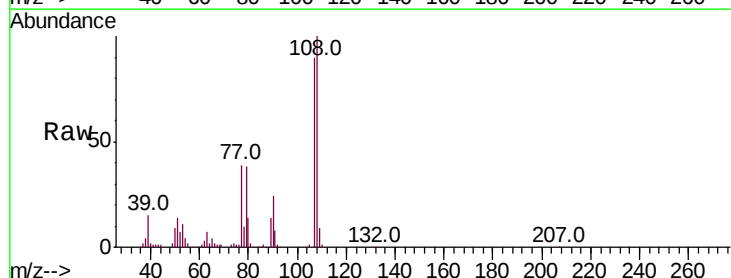
Instrument :
BNA_F
ClientSampleId :

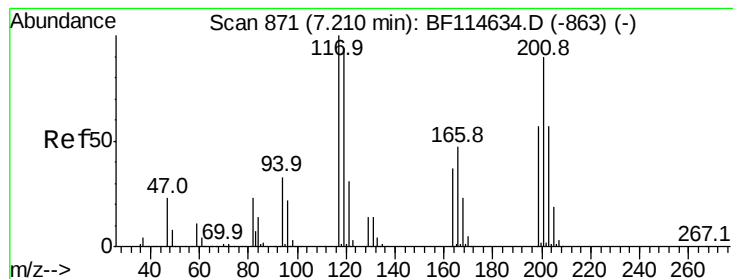
Tot Ion: 45 Resp: 195274
Ion Ratio Lower Upper
45 100
77 14.1 0.0 34.7
79 10.9 0.0 31.3



#17
2-Methylphenol
Concen: 5.060 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF114660.D
Acq: 30 May 2019 14:53

Tgt Ion:107 Resp: 116350
Ion Ratio Lower Upper
107 100
108 111.5 91.1 136.7
77 43.0 34.9 52.3
79 42.7 33.8 50.6





#18

Hexachloroethane

Concen: 4.804 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.00 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

Instrument :

BNA_F

ClientSampled :

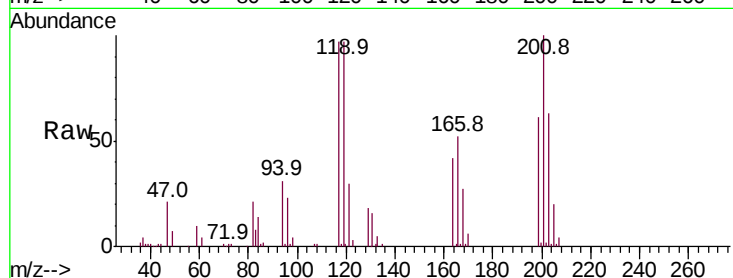
Tot Ion:117 Resp: 56521

Ion Ratio Lower Upper

117 100

119 100.2 75.6 113.4

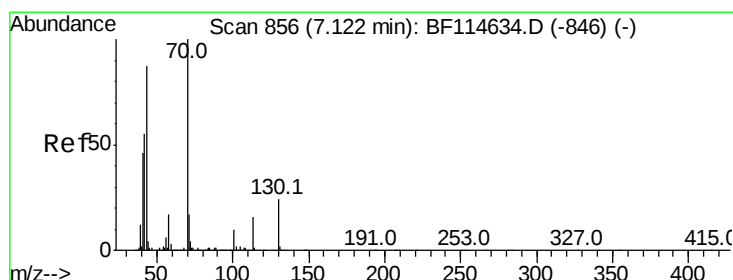
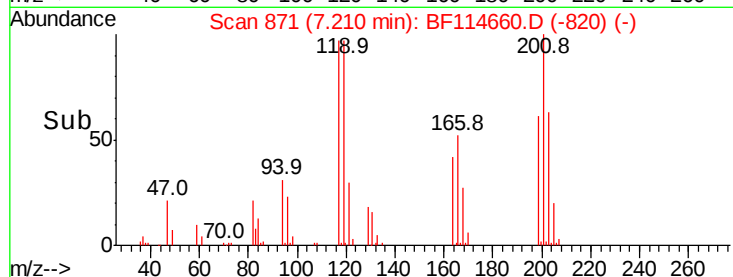
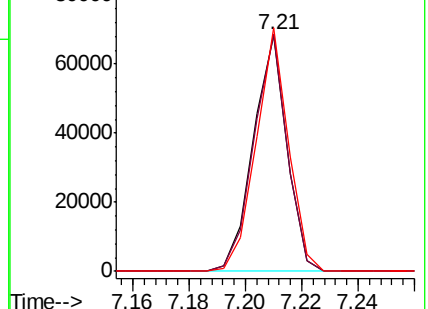
201 102.9 71.7 107.5



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 5.131 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.02 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

Tgt Ion: 70 Resp: 100486

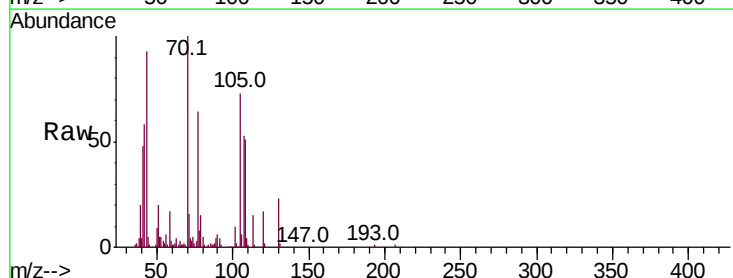
Ion Ratio Lower Upper

70 100

42 57.9 44.4 66.6

101 9.7 8.2 12.4

130 23.2 19.4 29.0

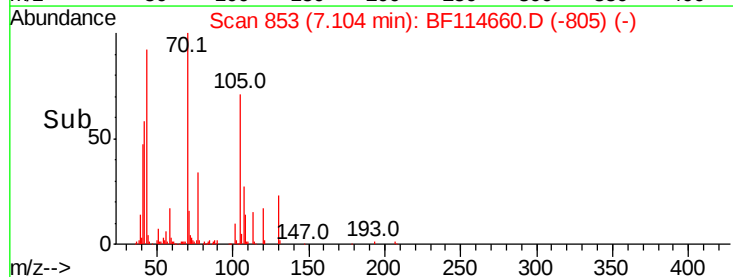
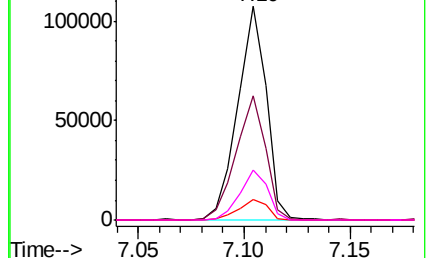


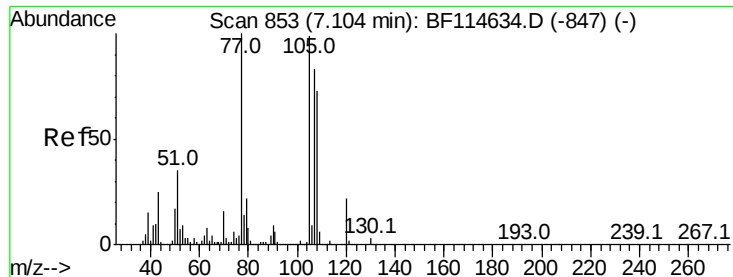
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

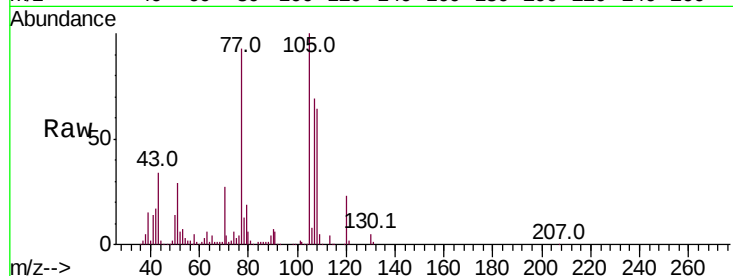




#20
3+4-Methylphenols
Concen: 5.587 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF114660.D
Acq: 30 May 2019 14:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	151117
Ion	Ratio	Lower	Upper
107	100		
108	92.7	68.6	108.6
77	134.9	100.5	140.5
79	28.1	7.0	47.0



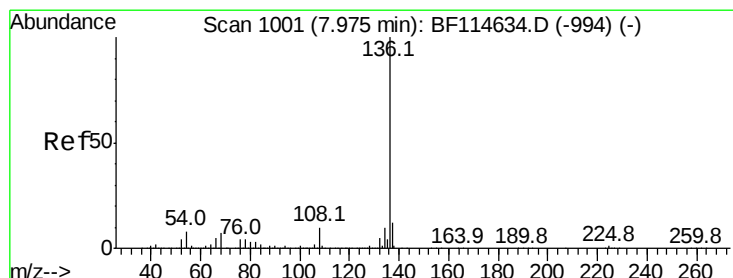
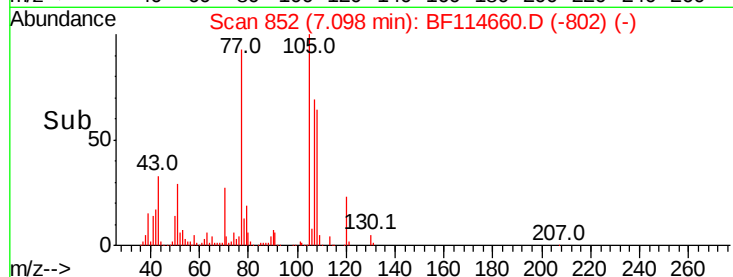
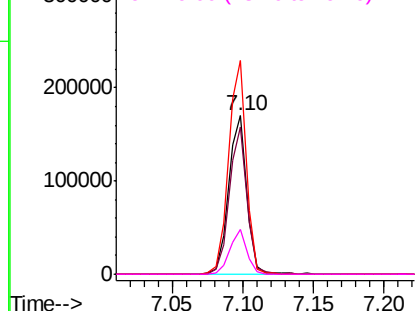
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

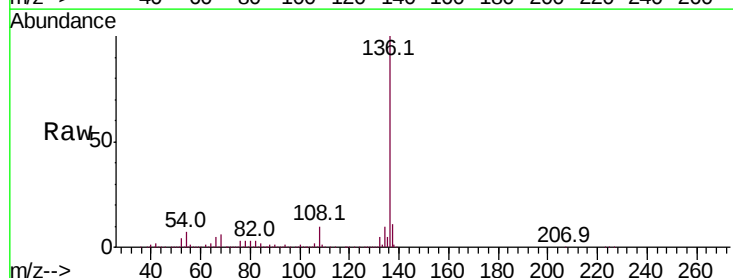
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF114660.D
Acq: 30 May 2019 14:53

Tgt Ion:	136	Resp:	1553928
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.3	13.9
54	6.7	6.3	9.5
68	5.6	5.4	8.0



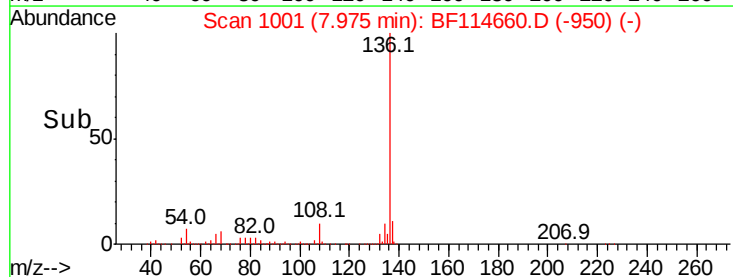
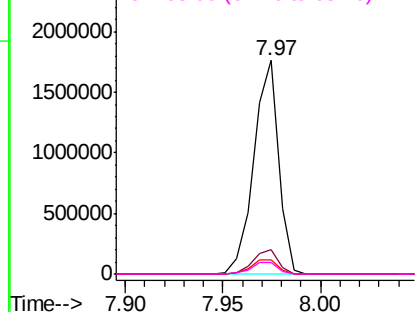
Abundance

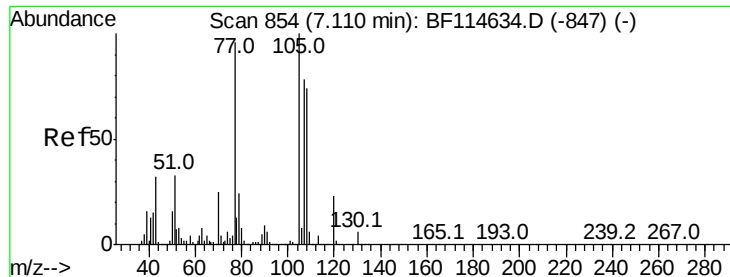
Ion 136.00 (135.70 to 136.70): E

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: 6.241 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion:105 Resp: 206649

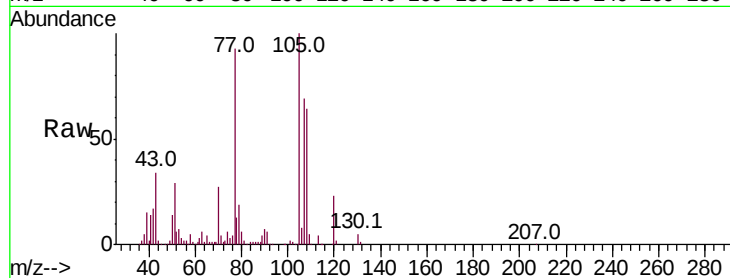
Ion Ratio Lower Upper

105 100

71 4.5 3.6 5.4

51 29.4 26.0 39.0

120 23.4 18.8 28.2

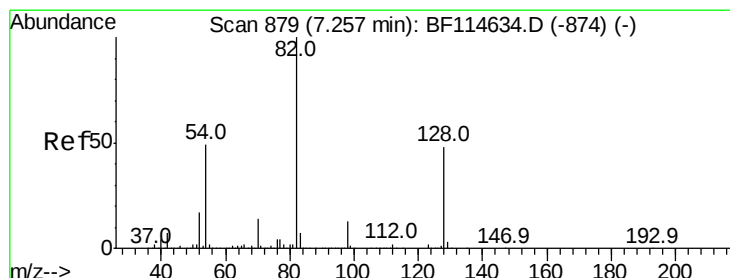
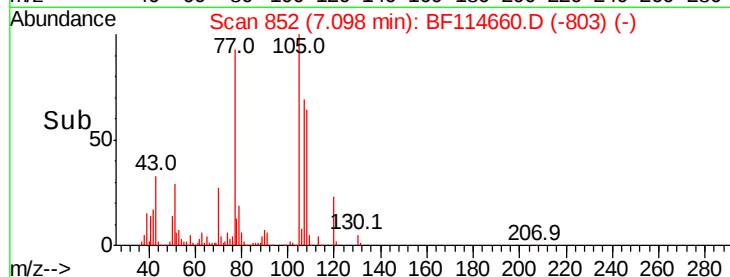
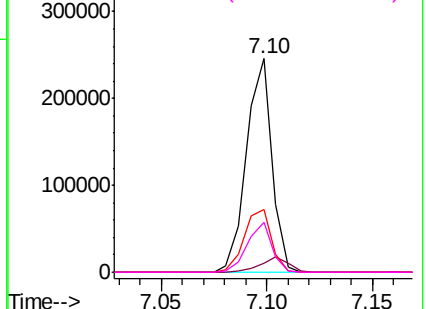


Abundance Ion 105.00 (104.70 to 105.70): E

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: 88.394 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.00 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

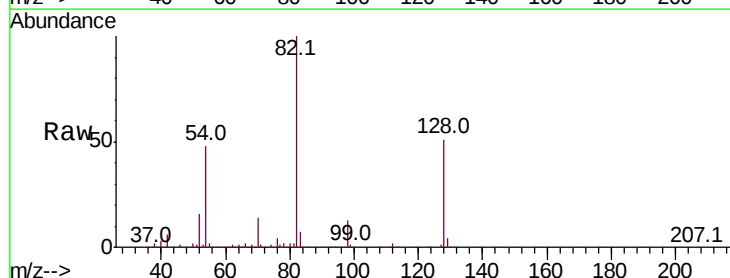
Tgt Ion: 82 Resp: 2201636

Ion Ratio Lower Upper

82 100

128 51.4 38.5 57.7

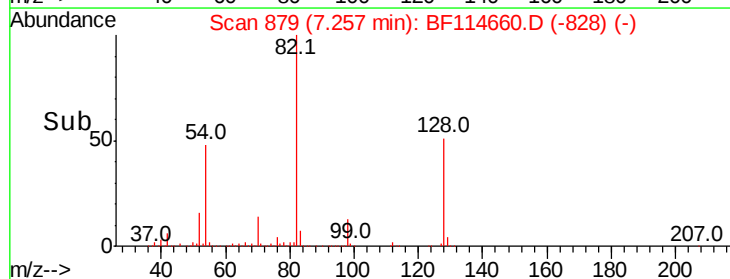
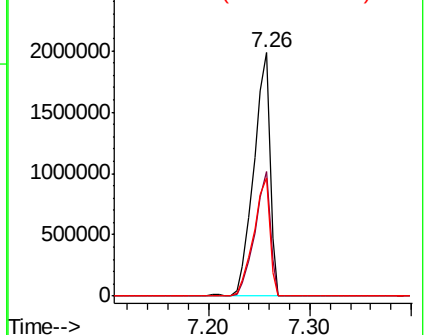
54 48.4 39.1 58.7

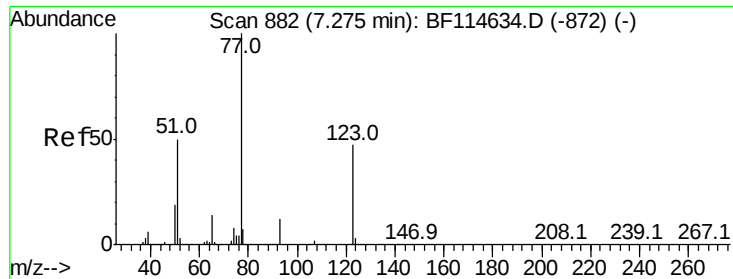


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#24

Nitrobenzene

Concen: 5.810 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

Instrument :

BNA_F

ClientSampled :

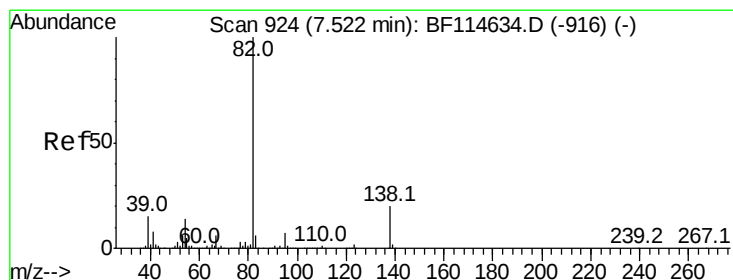
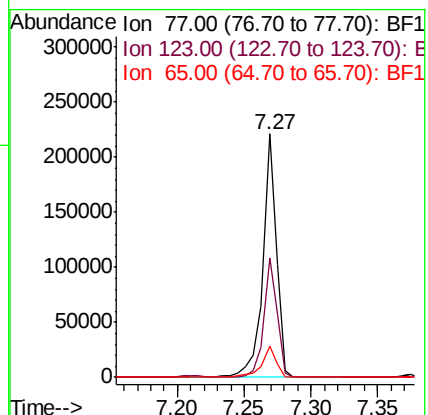
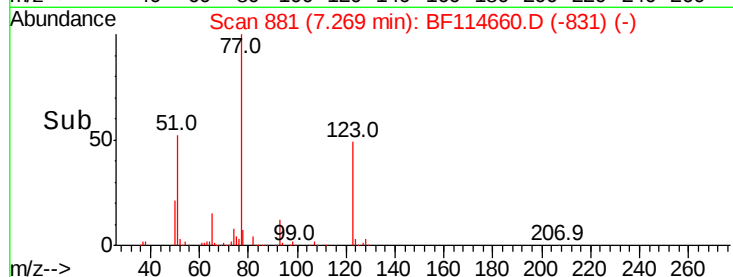
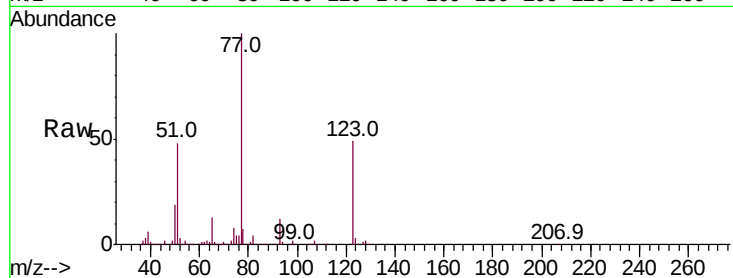
Tot Ion: 77 Resp: 153716

Ion Ratio Lower Upper

77 100

123 49.2 38.5 57.7

65 13.0 11.2 16.8



#25

Isophorone

Concen: 5.404 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

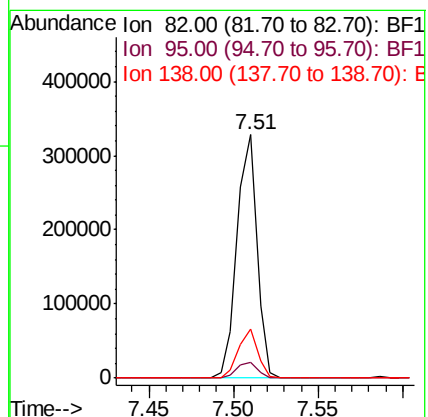
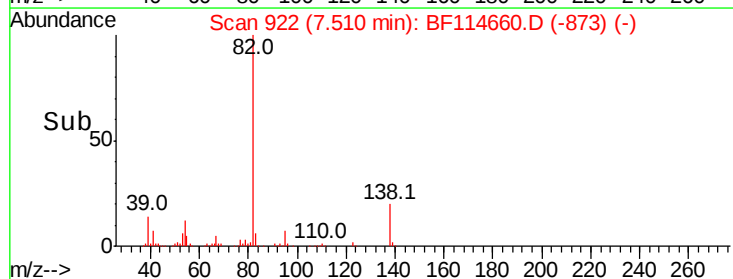
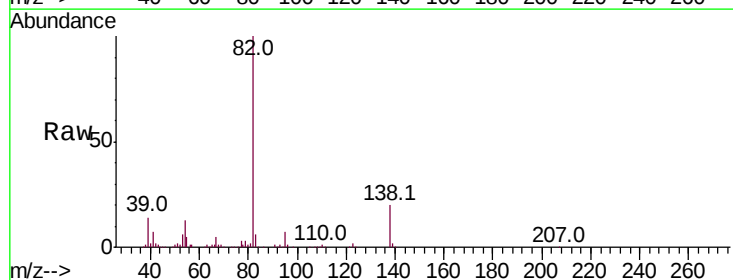
Tgt Ion: 82 Resp: 270139

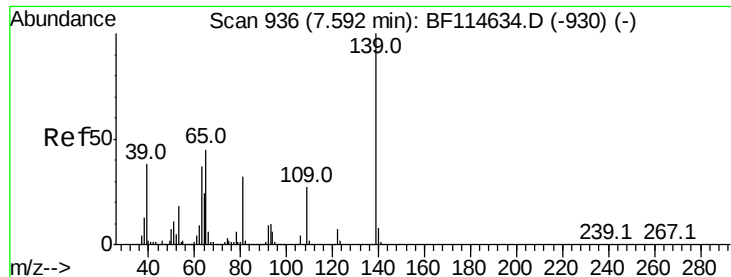
Ion Ratio Lower Upper

82 100

95 6.5 5.6 8.4

138 19.9 15.9 23.9





#26

2-Nitrophenol

Concen: 4.747 ng

RT: 7.59 min Scan# 935

Delta R.T. -0.01 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

Instrument :

BNA_F

ClientSampleId :

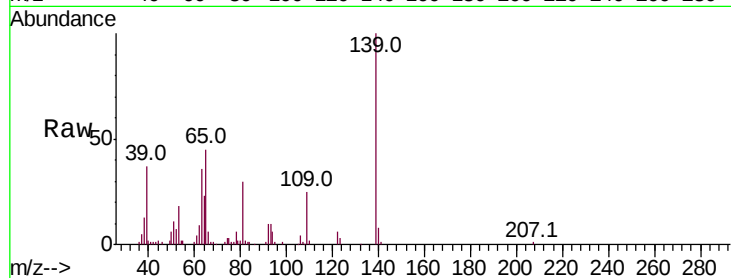
Tot Ion:139 Resp: 61139

Ion Ratio Lower Upper

139 100

109 24.7 21.7 32.5

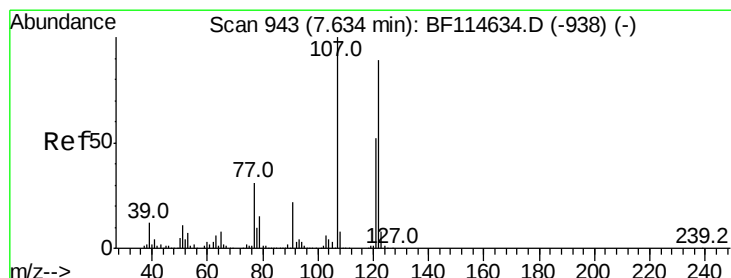
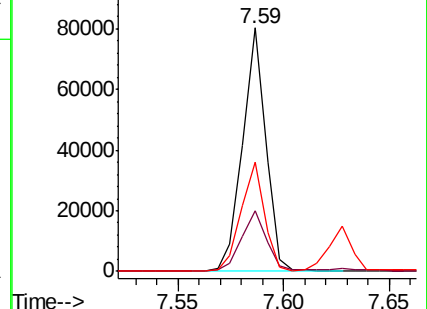
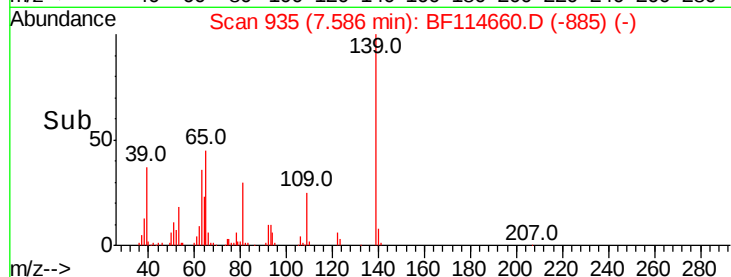
65 45.1 36.3 54.5



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



#27

2,4-Dimethylphenol

Concen: 5.873 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

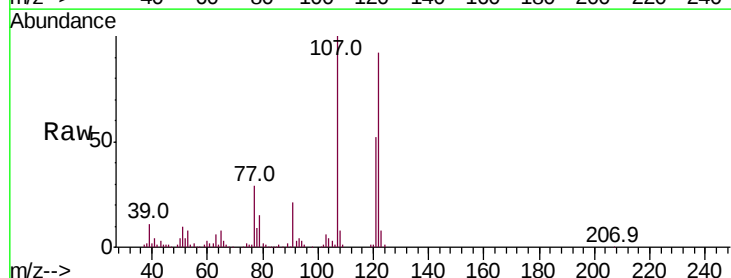
Tgt Ion:122 Resp: 125802

Ion Ratio Lower Upper

122 100

107 108.8 89.3 133.9

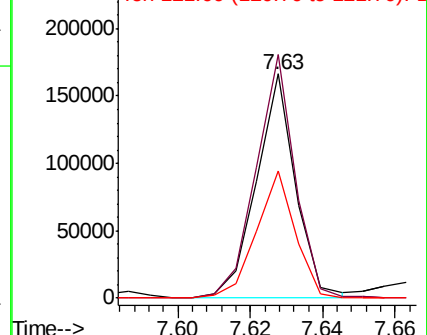
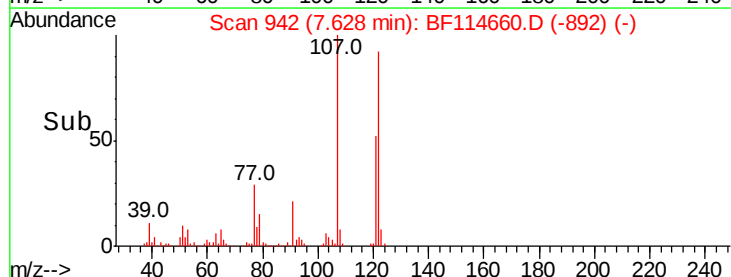
121 57.0 46.8 70.2

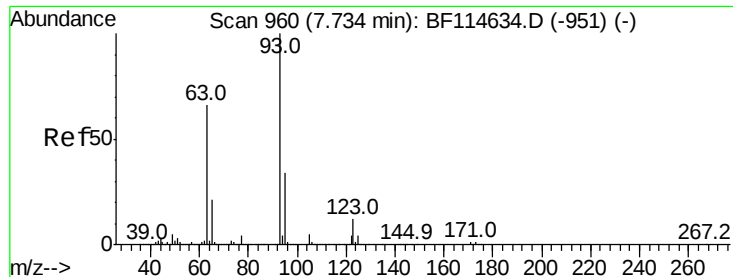


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

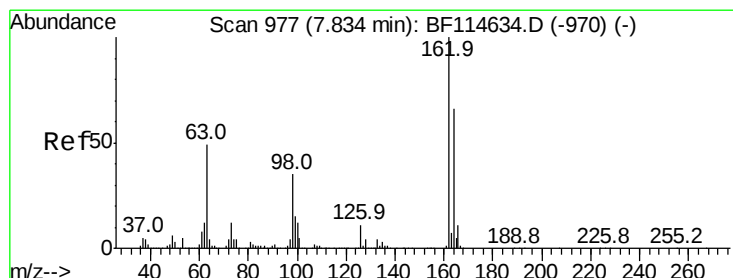
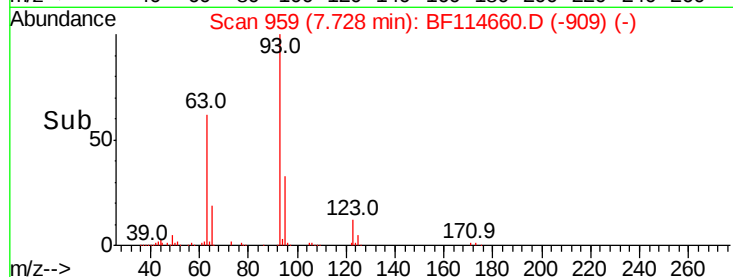
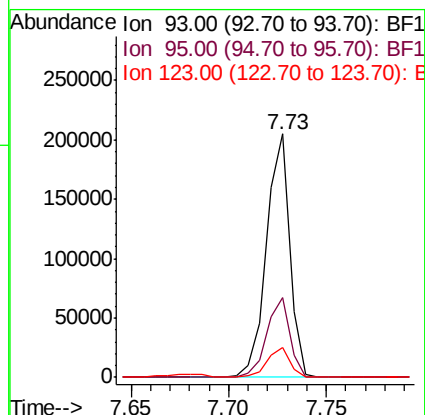
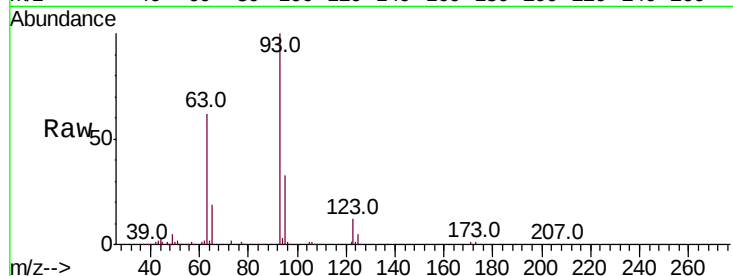




#28
bis(2-Chloroethoxy)methane
Concen: 5.330 ng
RT: 7.73 min Scan# 959
Delta R.T. -0.01 min
Lab File: BF114660.D
Acq: 30 May 2019 14:53

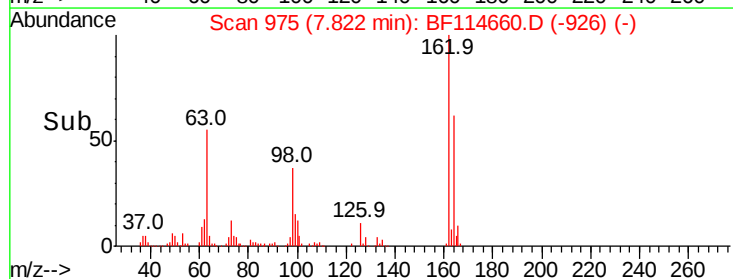
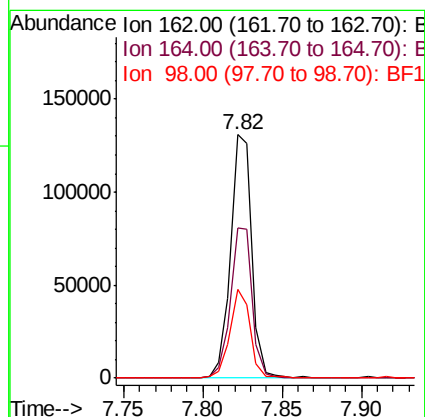
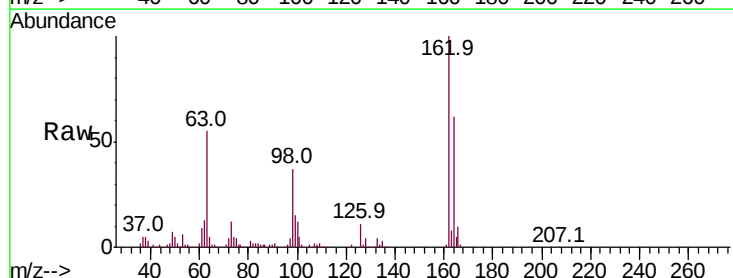
Instrument :
BNA_F
ClientSampleId :

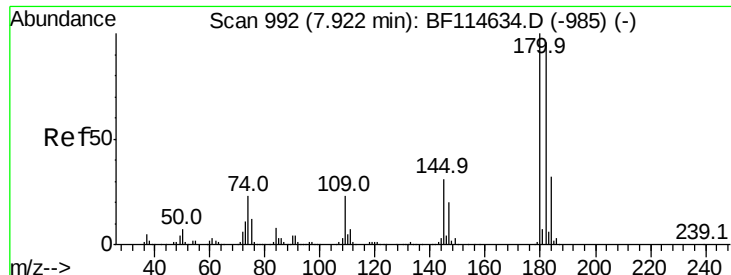
Tot Ion	Ratio	Lower	Upper
93	100		
95	32.7	27.0	40.4
123	12.2	10.2	15.2



#29
2,4-Dichlorophenol
Concen: 5.591 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BF114660.D
Acq: 30 May 2019 14:53

Tgt Ion	Ratio	Lower	Upper
162	100		
164	61.7	45.8	85.8
98	36.5	14.9	54.9

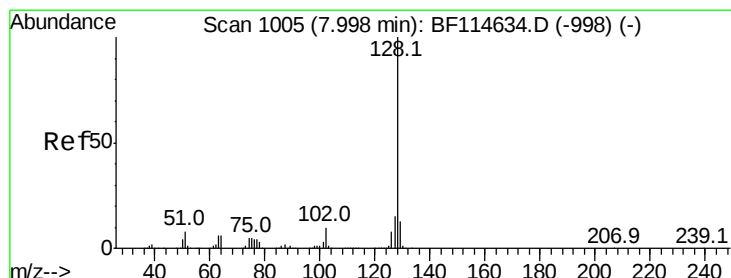
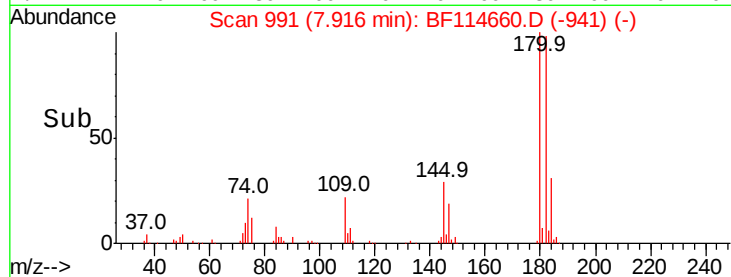
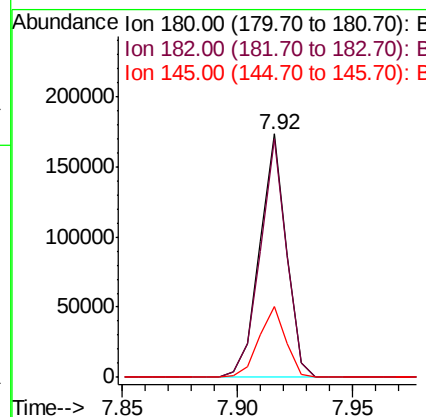
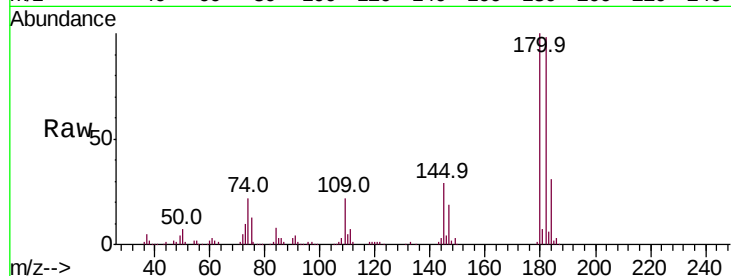




#30
 1,2,4-Trichlorobenzene
 Concen: 5.634 ng
 RT: 7.92 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: BF114660.D
 Acq: 30 May 2019 14:53

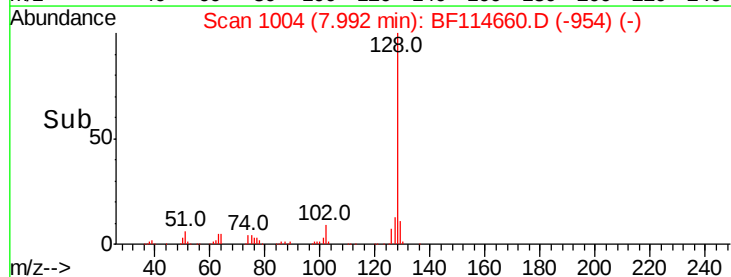
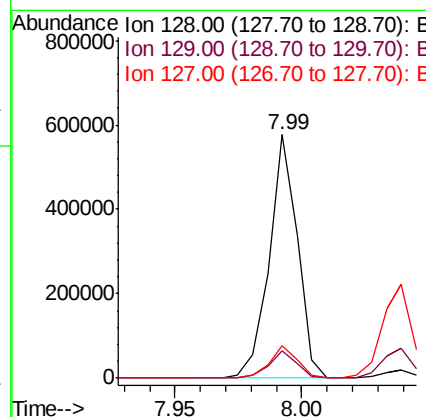
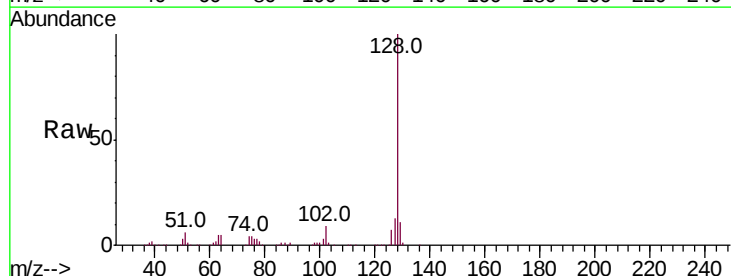
Instrument :
 BNA_F
 ClientSampleId :

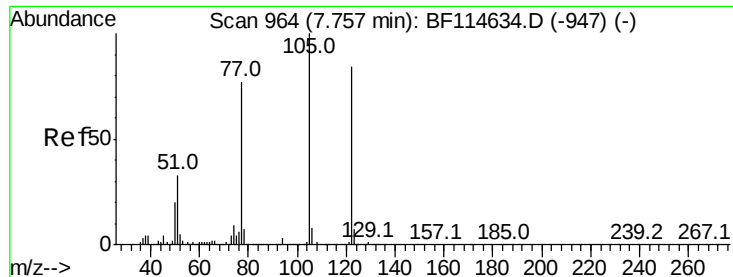
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.7	76.9	115.3
145	29.3	24.5	36.7



#31
 Naphthalene
 Concen: 6.271 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. -0.01 min
 Lab File: BF114660.D
 Acq: 30 May 2019 14:53

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.5	10.2	15.2
127	13.4	11.9	17.9





#32

Benzoic acid

Concen: 3.228 ng

RT: 7.68 min Scan# 951

Delta R.T. -0.08 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

Instrument :

BNA_F

ClientSampleId :

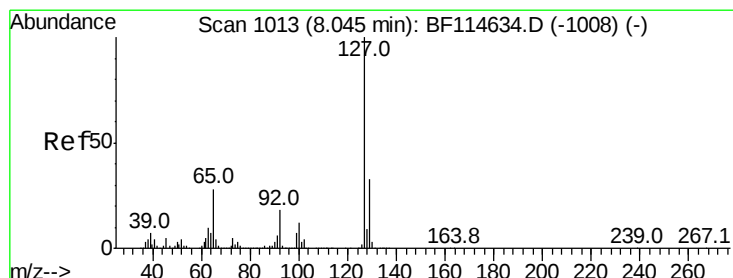
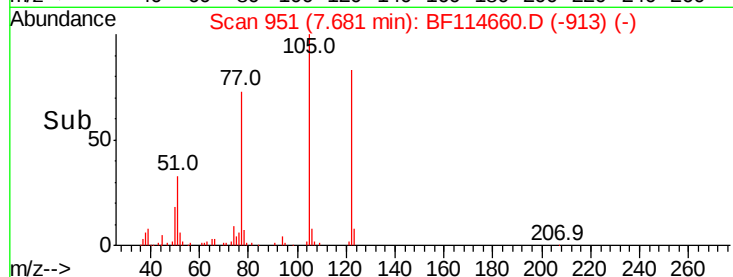
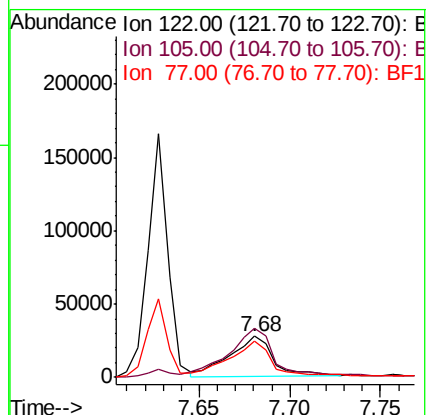
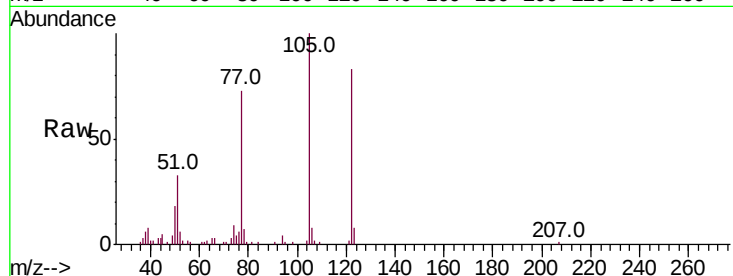
Tot Ion:122 Resp: 44905

Ion Ratio Lower Upper

122 100

105 119.8 98.3 138.3

77 87.9 70.7 110.7



#33

4-Chloroaniline

Concen: 5.375 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

Tgt Ion:127 Resp: 183296

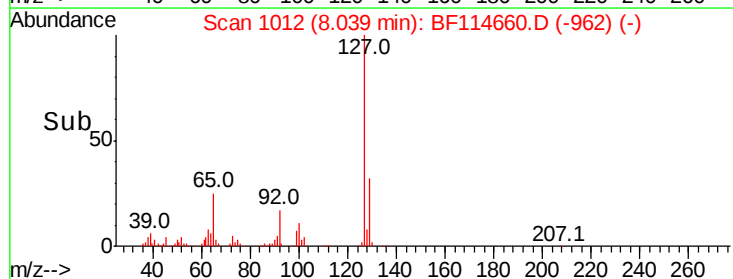
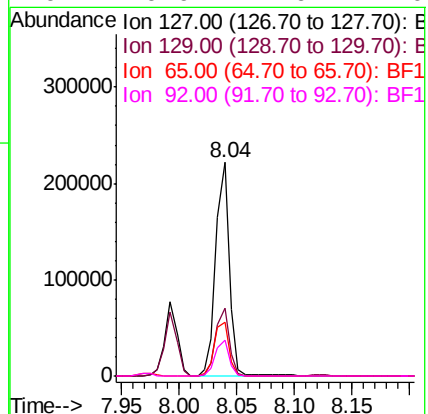
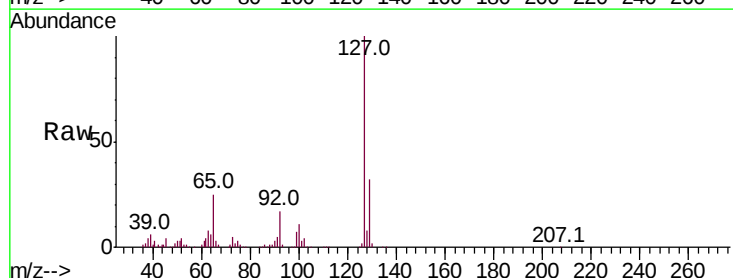
Ion Ratio Lower Upper

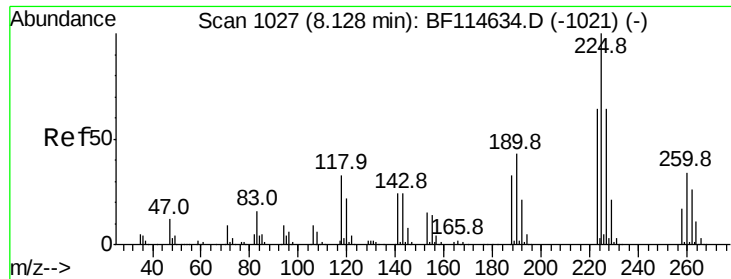
127 100

129 32.0 26.7 40.1

65 25.5 22.5 33.7

92 16.9 14.6 22.0

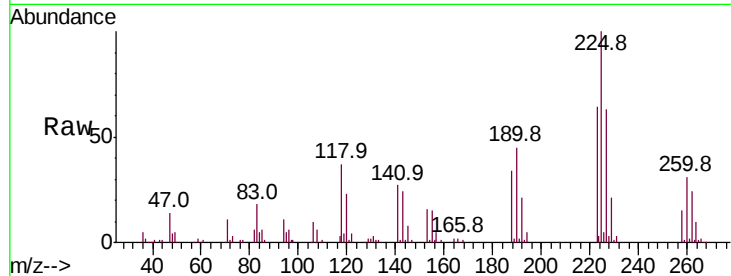




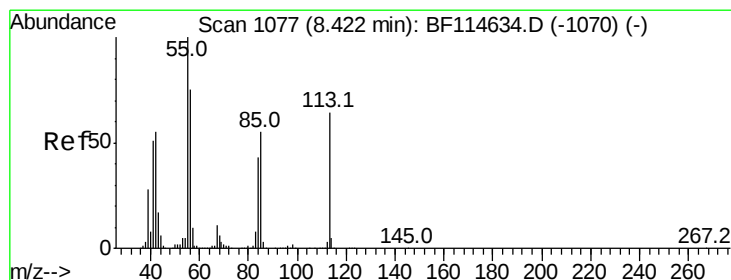
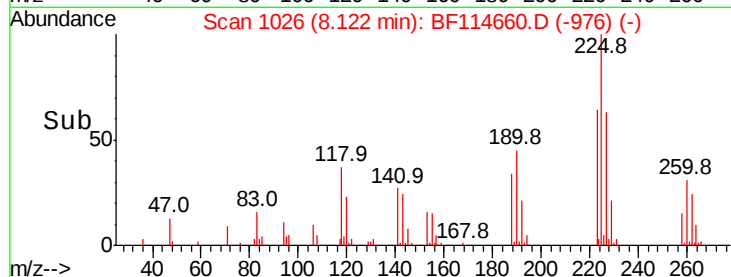
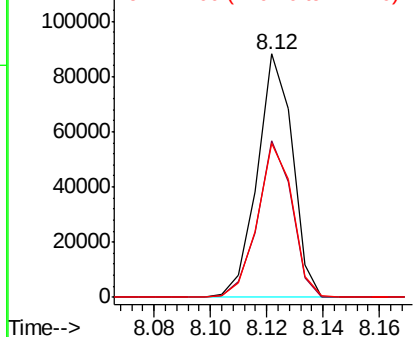
#34
Hexachlorobutadiene
Concen: 5.522 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF114660.D
Acq: 30 May 2019 14:53

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
225	100		
223	64.2	50.9	76.3
227	63.2	51.3	76.9

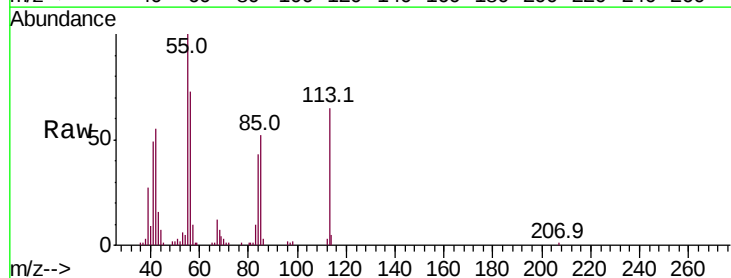


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

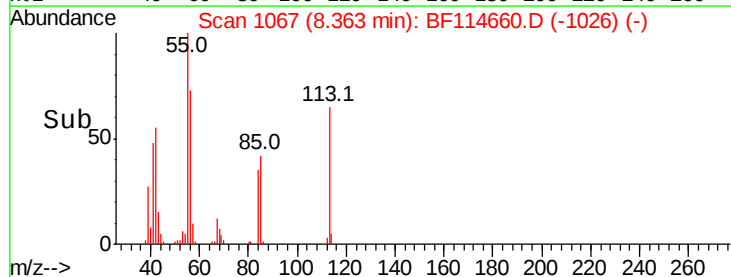
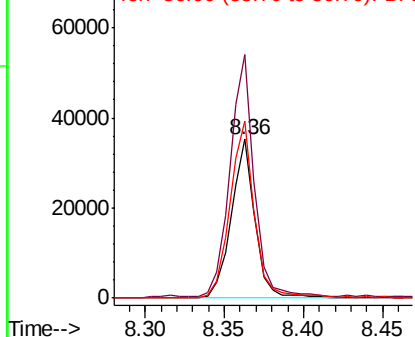


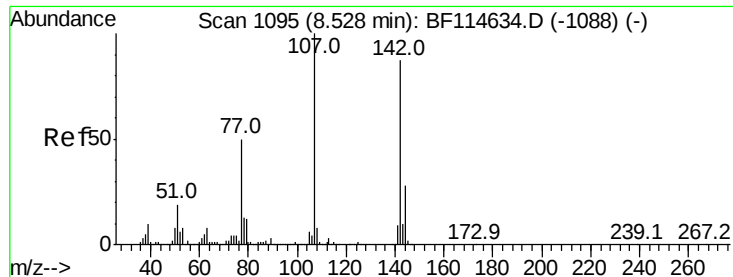
#35
Caprolactam
Concen: 4.914 ng
RT: 8.36 min Scan# 1067
Delta R.T. -0.06 min
Lab File: BF114660.D
Acq: 30 May 2019 14:53

Tgt Ion	Ratio	Lower	Upper
113	100		
55	153.1	136.4	176.4
56	111.0	97.0	137.0



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

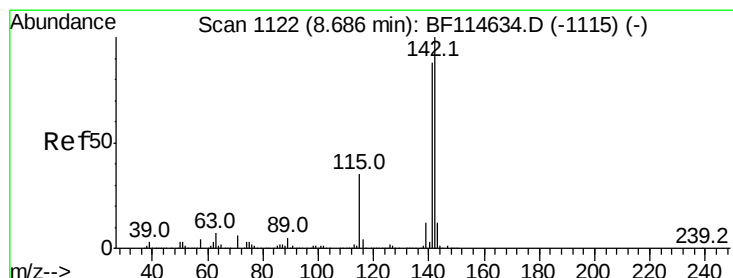
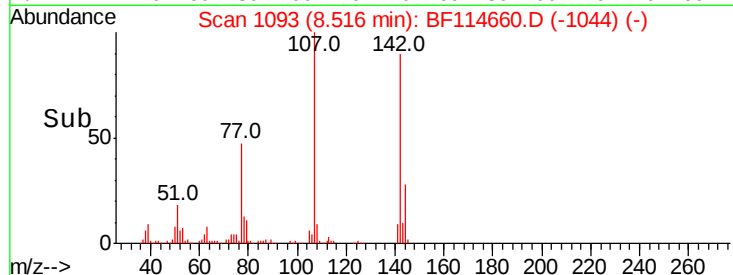
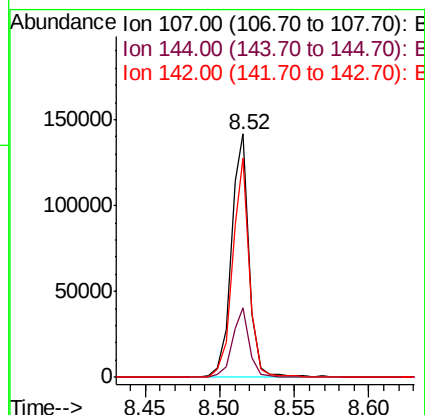
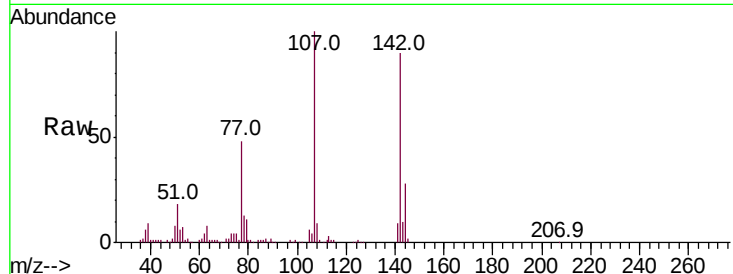




#36
4-Chloro-3-methylphenol
Concen: 5.502 ng
RT: 8.52 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BF114660.D
Acq: 30 May 2019 14:53

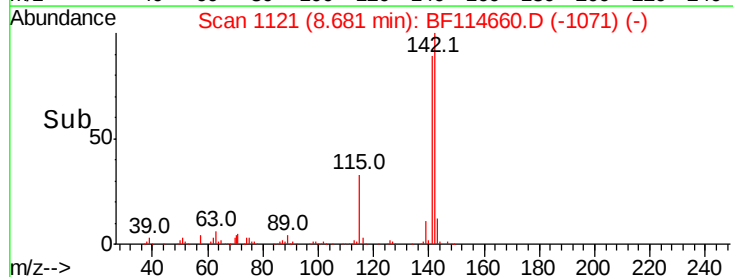
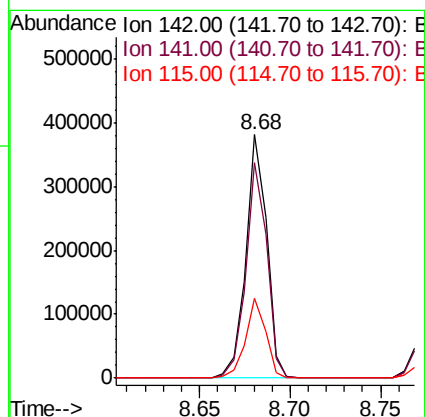
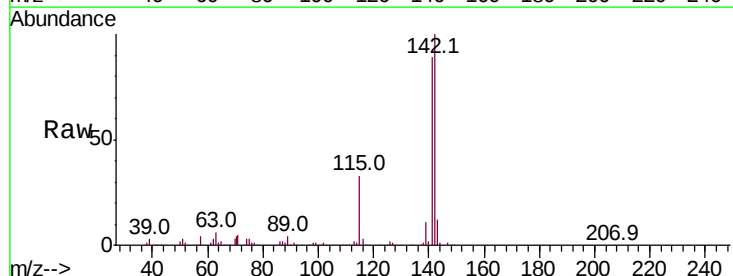
Instrument :
BNA_F
ClientSampleId :

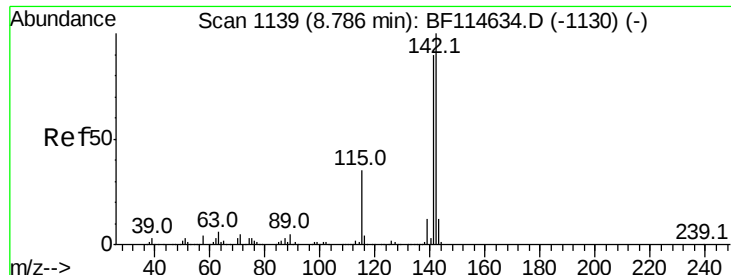
Tot Ion	Ratio	Lower	Upper
107	100		
144	28.4	22.5	33.7
142	90.0	69.8	104.6



#37
2-Methylnaphthalene
Concen: 6.384 ng
RT: 8.68 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF114660.D
Acq: 30 May 2019 14:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.3	105.5
115	33.0	28.0	42.0

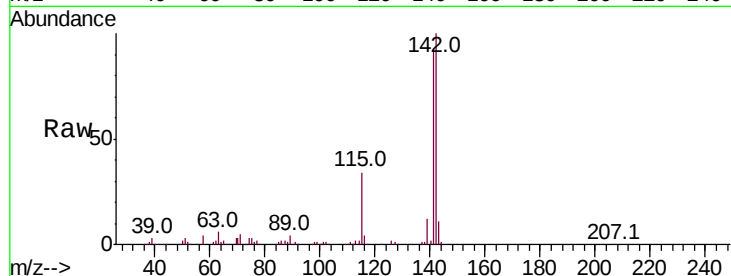




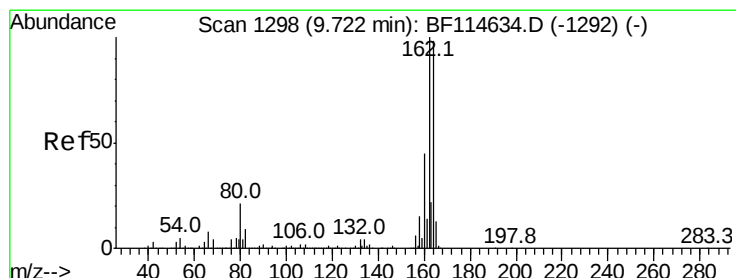
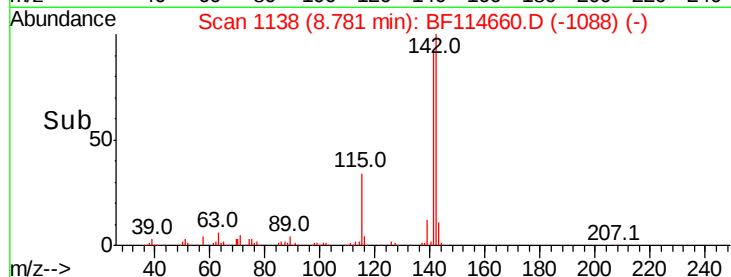
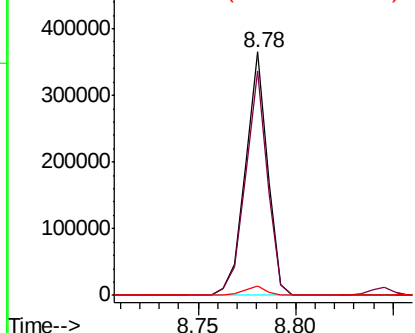
#38
1-Methylnaphthalene
Concen: 6.368 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BF114660.D
Acq: 30 May 2019 14:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 286944
Ion Ratio Lower Upper
142 100
141 92.3 72.3 108.5
116 3.6 3.0 4.4

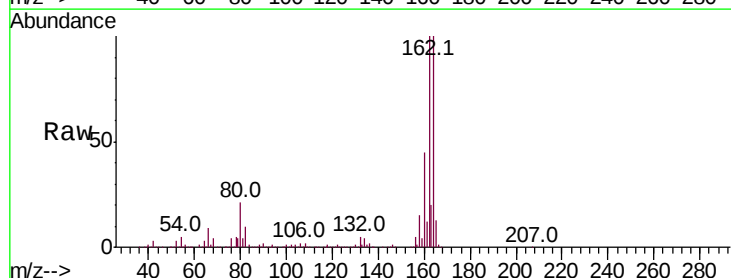


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

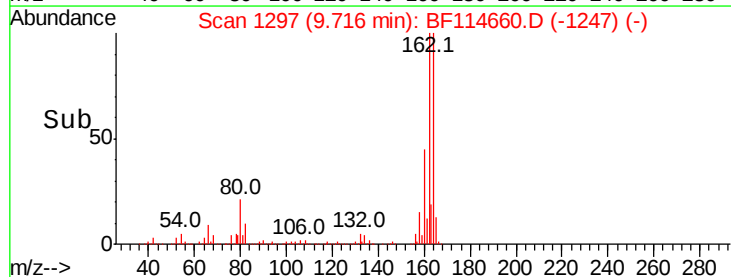
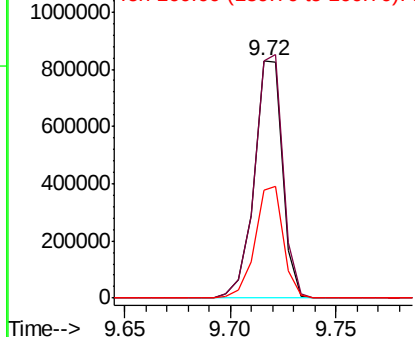


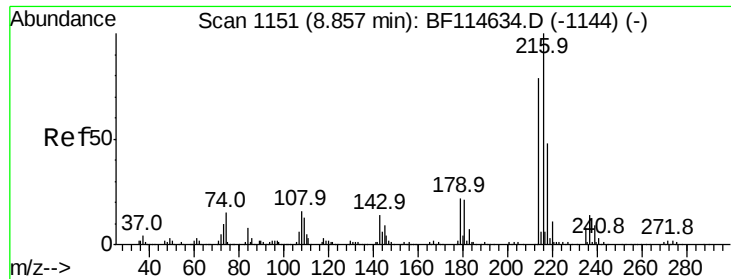
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF114660.D
Acq: 30 May 2019 14:53

Tgt Ion:164 Resp: 776410
Ion Ratio Lower Upper
164 100
162 100.1 81.4 122.2
160 45.2 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: 6.429 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 132923

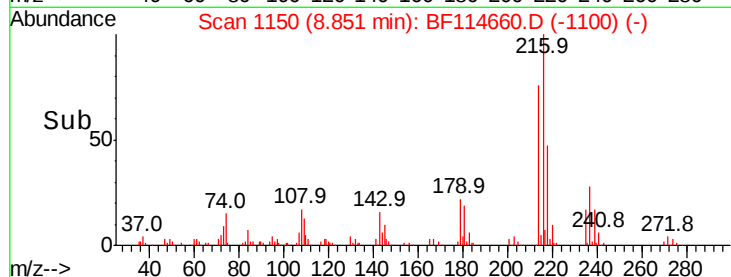
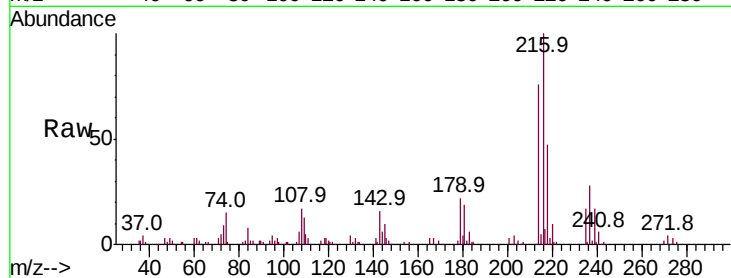
Ion Ratio Lower Upper

216 100

214 77.0 63.2 94.8

179 21.9 17.9 26.9

108 19.3 15.8 23.8

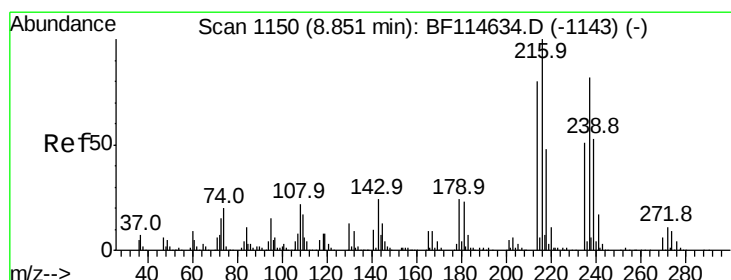
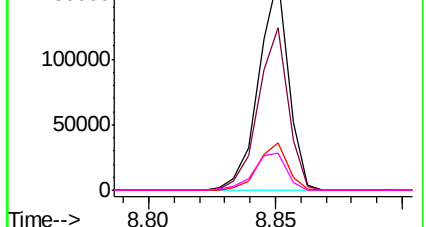


Abundance Ion 216.00 (215.70 to 216.70): E

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: 5.456 ng

RT: 8.85 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

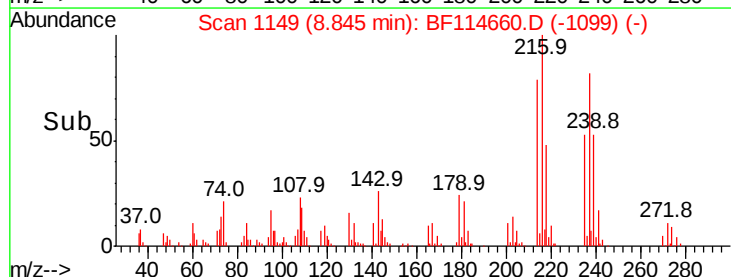
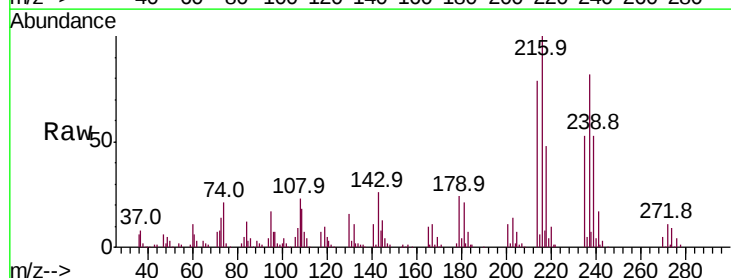
Tgt Ion:237 Resp: 74551

Ion Ratio Lower Upper

237 100

235 64.3 42.8 82.8

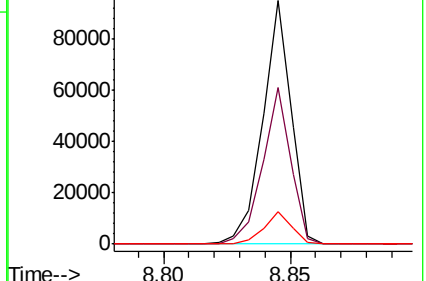
272 13.3 0.0 33.7

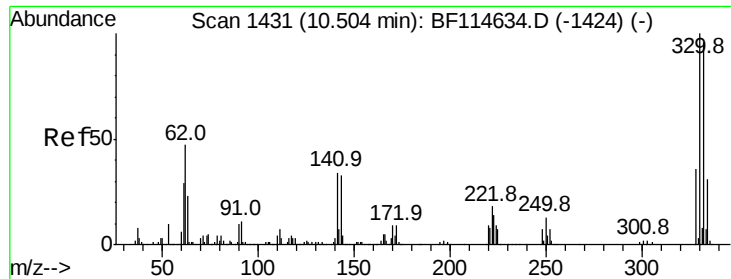


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

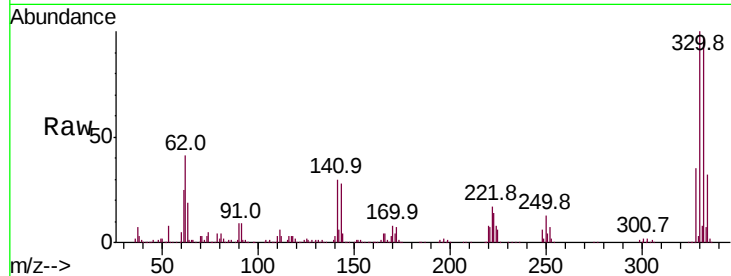




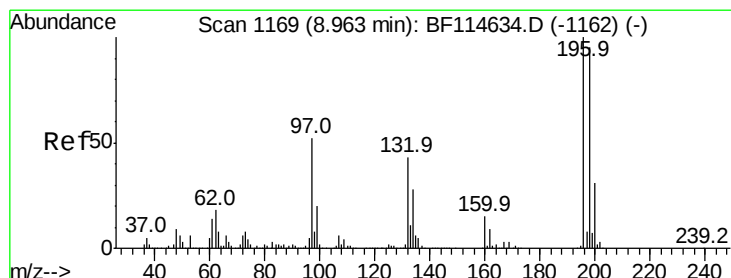
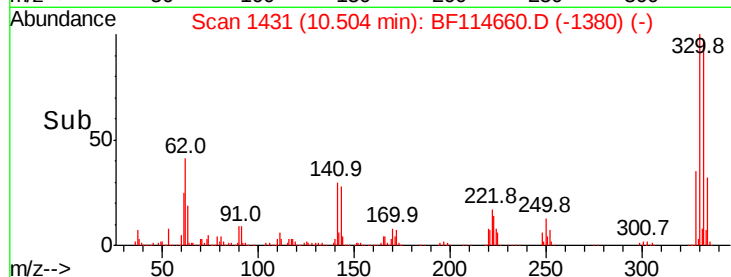
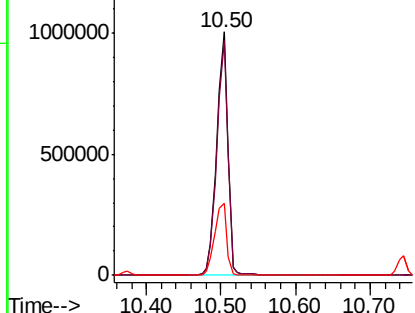
#42
 2,4,6-Tribromophenol
 Concen: 141.262 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: BF114660.D
 Acq: 30 May 2019 14:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 1045052
 Ion Ratio Lower Upper
 330 100
 332 95.9 75.8 113.8
 141 32.0 27.8 41.8

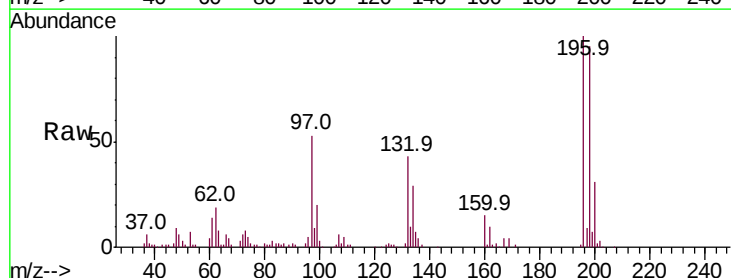


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

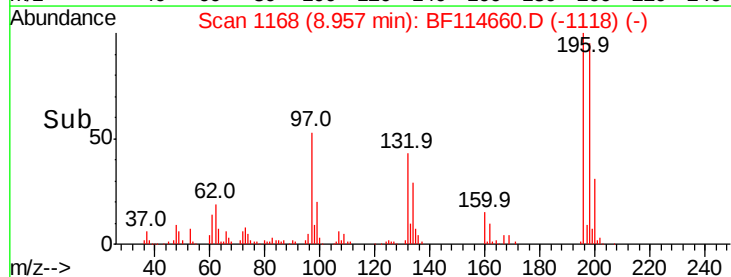
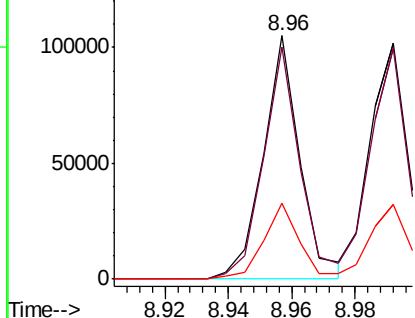


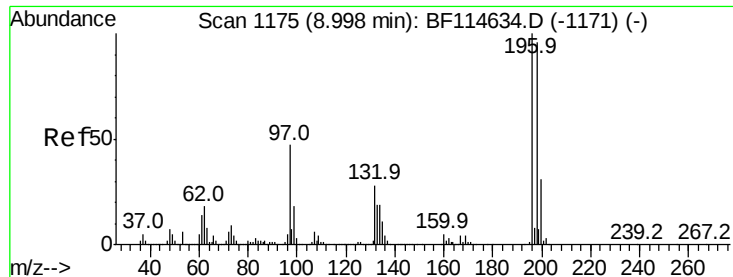
#43
 2,4,6-Trichlorophenol
 Concen: 5.196 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BF114660.D
 Acq: 30 May 2019 14:53

Tgt Ion:196 Resp: 84534
 Ion Ratio Lower Upper
 196 100
 198 95.3 76.1 114.1
 200 31.1 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: 5.425 ng

RT: 8.99 min Scan# 1174

Delta R.T. -0.01 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion:196 Resp: 88069

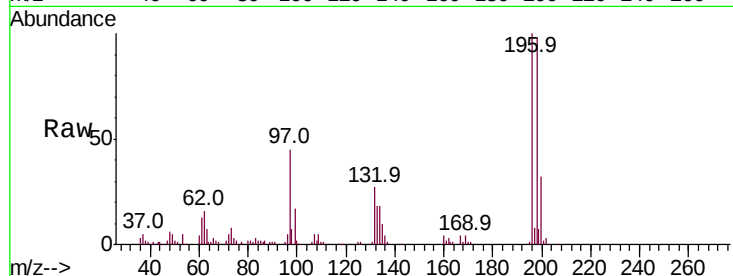
Ion Ratio Lower Upper

196 100

198 97.7 76.8 115.2

97 44.8 37.8 56.8

132 27.5 22.6 33.8



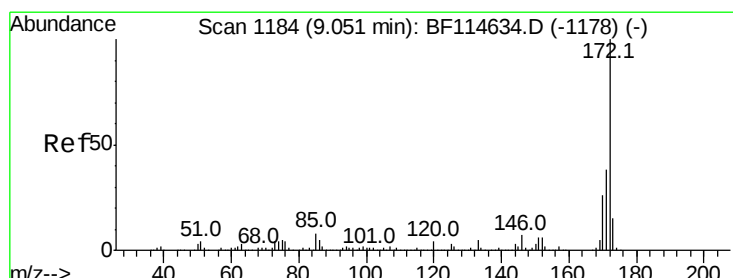
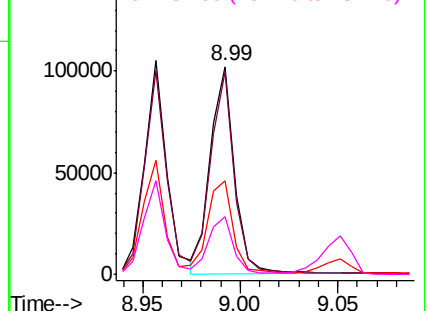
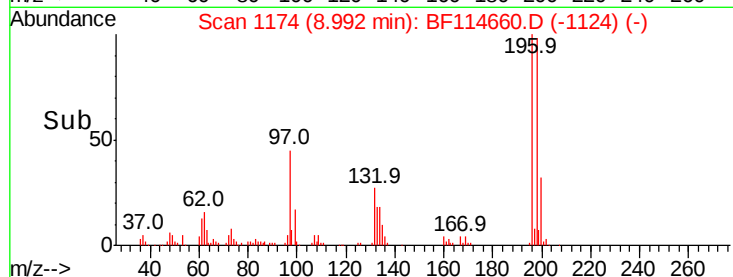
Abundance

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: 90.457 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

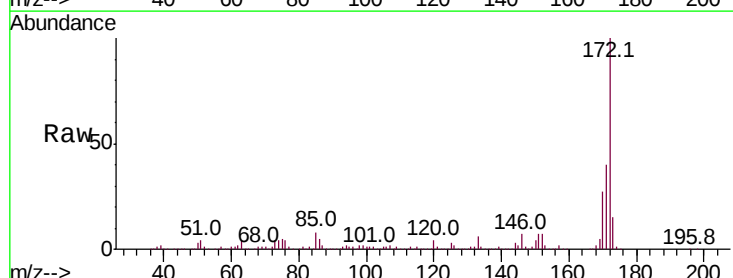
Tgt Ion:172 Resp: 3696294

Ion Ratio Lower Upper

172 100

171 40.2 30.6 45.8

170 27.4 20.7 31.1

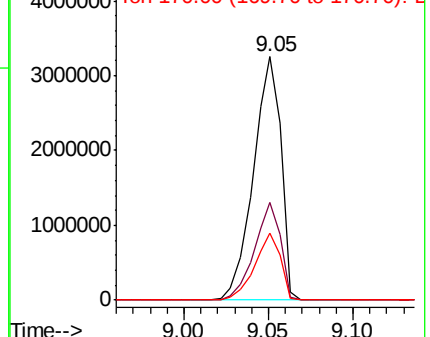
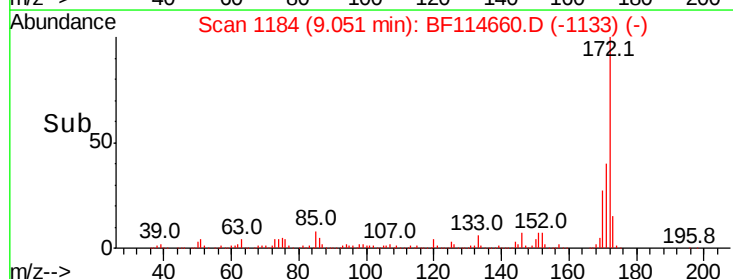


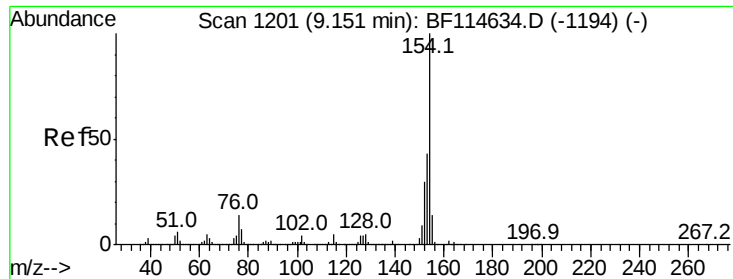
Abundance

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: 6.415 ng

RT: 9.15 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

Instrument :

BNA_F

ClientSampleId :

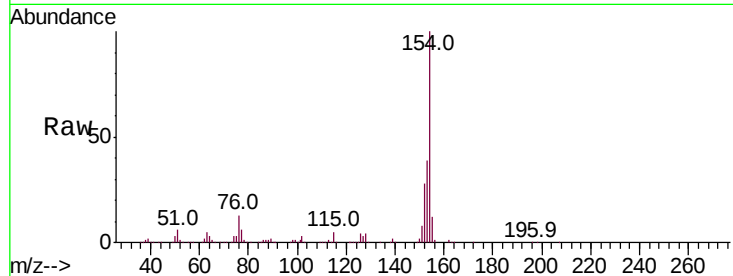
Tot Ion:154 Resp: 369691

Ion Ratio Lower Upper

154 100

153 39.3 23.0 63.0

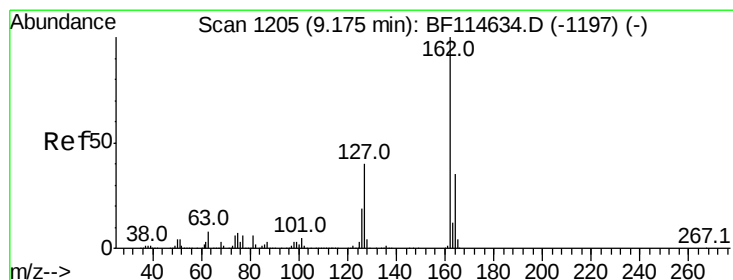
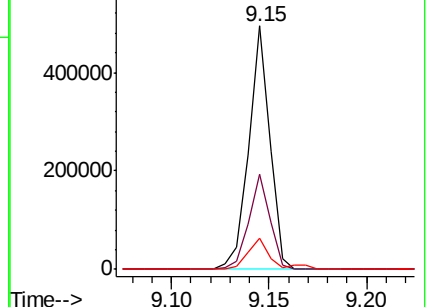
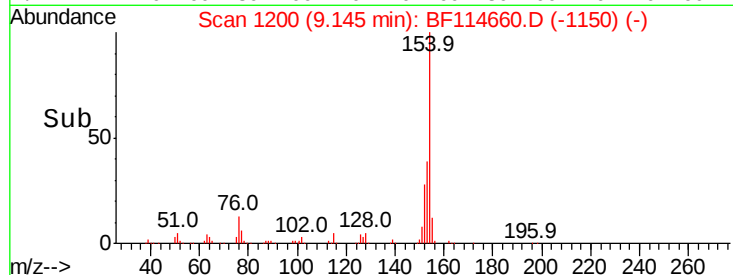
76 12.6 0.0 33.9



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: 6.056 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

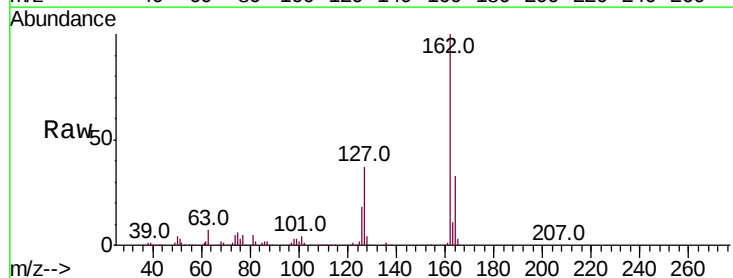
Tgt Ion:162 Resp: 286310

Ion Ratio Lower Upper

162 100

127 37.3 32.2 48.2

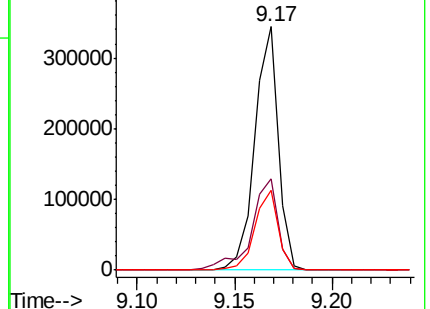
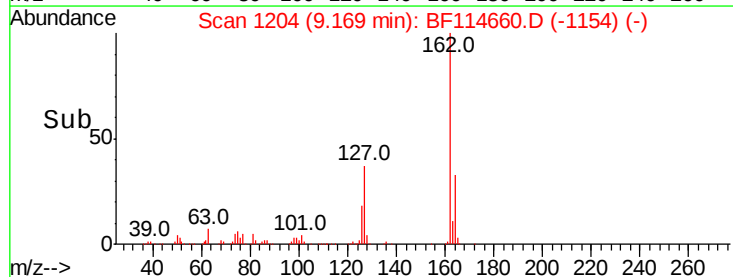
164 32.7 27.8 41.6

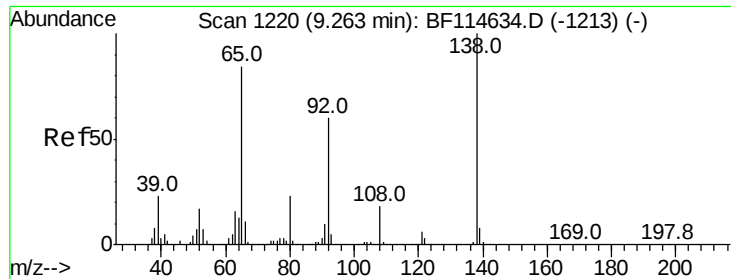


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

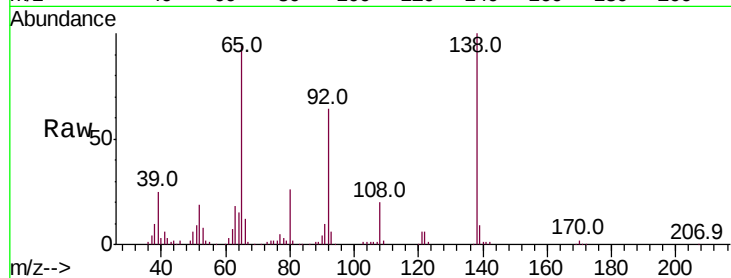




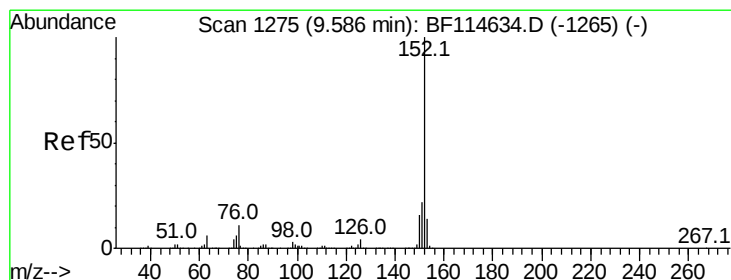
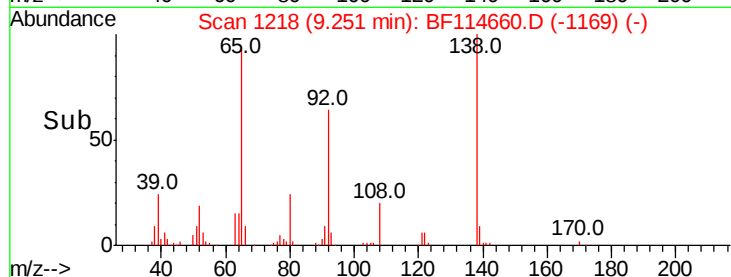
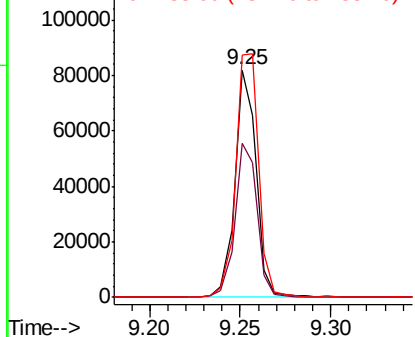
#48
2-Nitroaniline
Concen: 4.589 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF114660.D
Acq: 30 May 2019 14:53

Instrument :
BNA_F
ClientSampled :

Tot Ion: 65 Resp: 66954
Ion Ratio Lower Upper
65 100
92 67.9 57.1 85.7
138 106.7 95.8 143.6

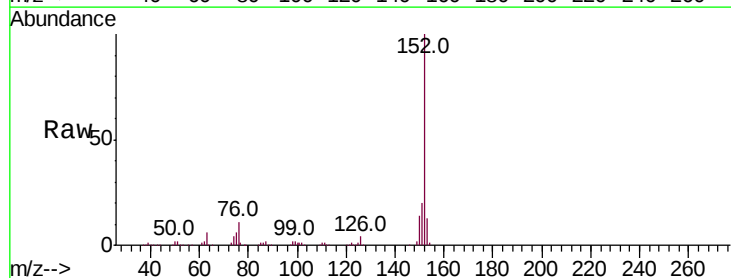


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

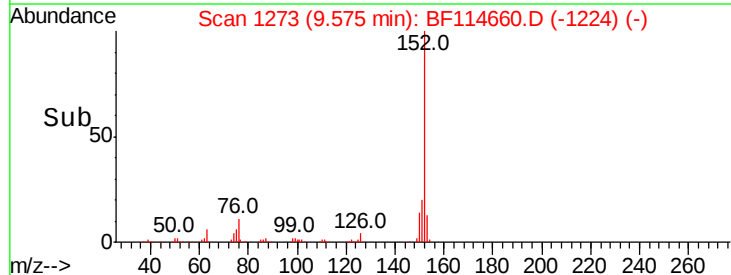
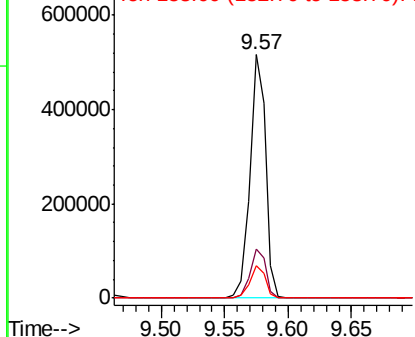


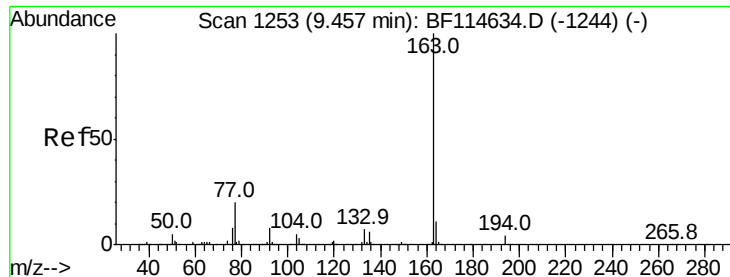
#49
Acenaphthylene
Concen: 6.092 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF114660.D
Acq: 30 May 2019 14:53

Tgt Ion:152 Resp: 444927
Ion Ratio Lower Upper
152 100
151 20.1 17.5 26.3
153 13.1 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: 5.785 ng

RT: 9.44 min Scan# 1250

Delta R.T. -0.02 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

Instrument :

BNA_F

ClientSampled :

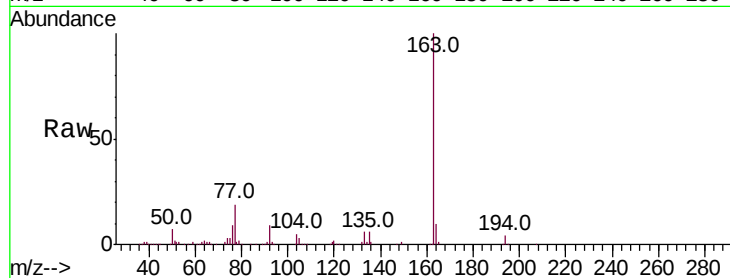
Tot Ion:163 Resp: 312976

Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.0

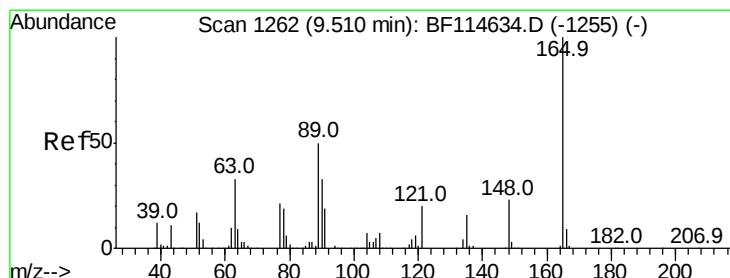
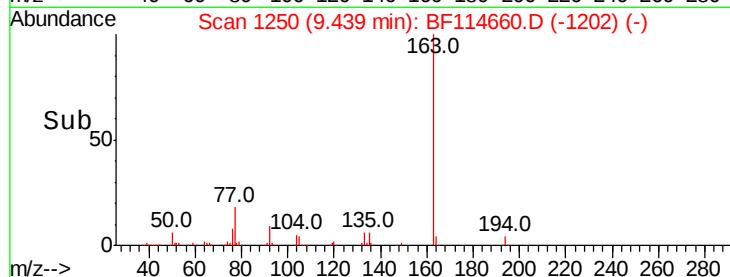
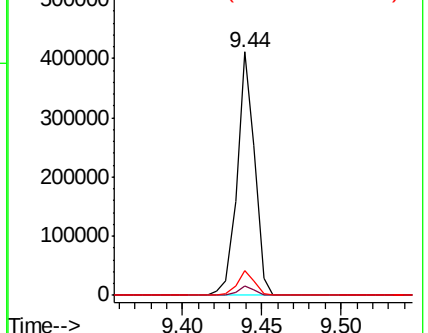
164 10.0 8.6 13.0



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: 5.078 ng

RT: 9.50 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

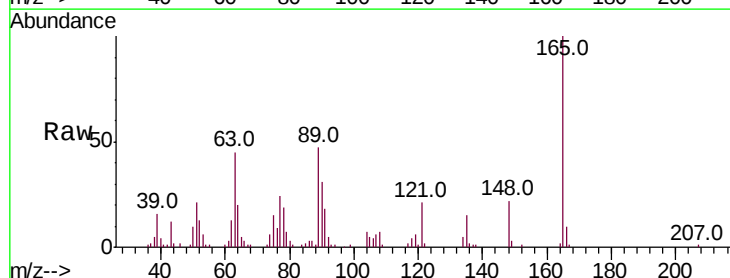
Tgt Ion:165 Resp: 63831

Ion Ratio Lower Upper

165 100

63 44.6 36.6 54.8

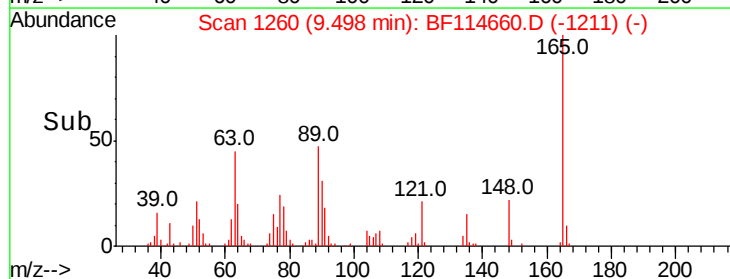
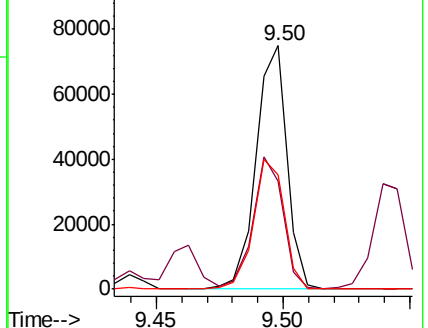
89 47.2 40.2 60.4

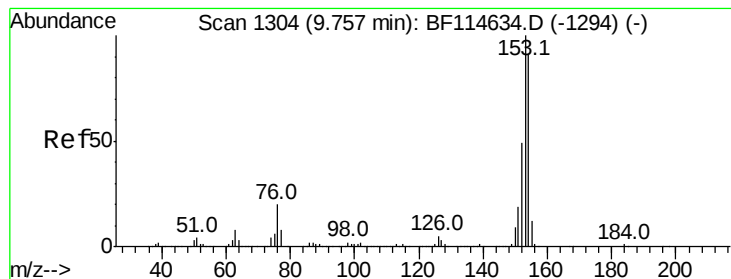


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#52

Acenaphthene

Concen: 5.918 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

Instrument :

BNA_F

ClientSampleId :

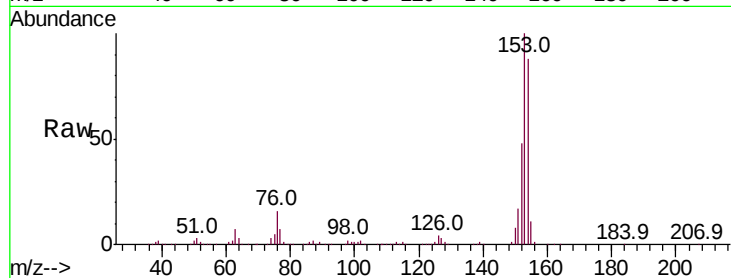
Tot Ion:154 Resp: 265098

Ion Ratio Lower Upper

154 100

153 113.6 88.4 132.6

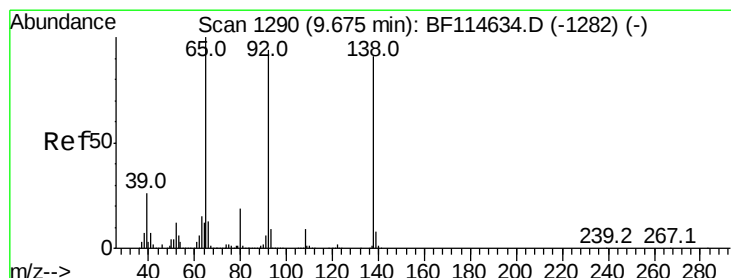
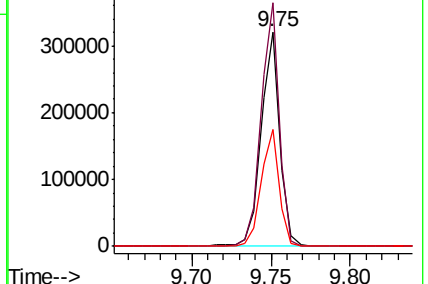
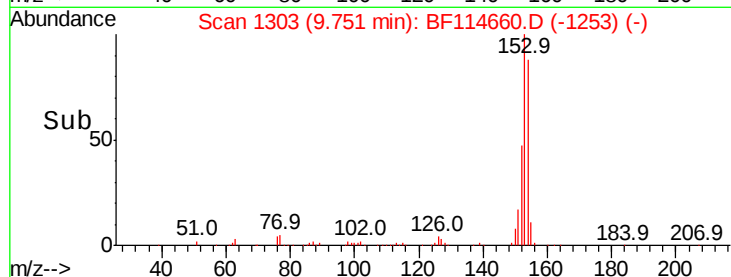
152 54.4 43.4 65.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 4.621 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.02 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

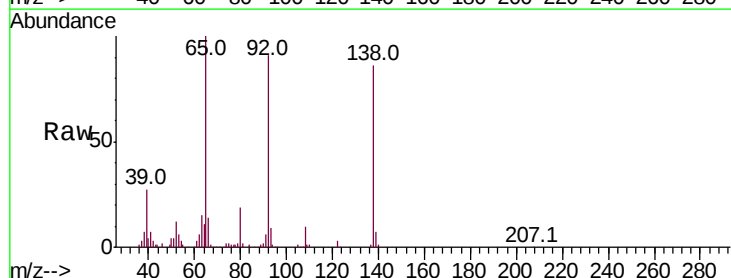
Tgt Ion:138 Resp: 71102

Ion Ratio Lower Upper

138 100

108 11.4 8.3 12.5

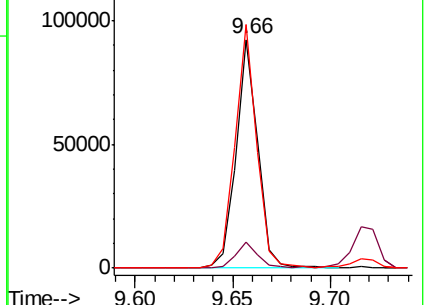
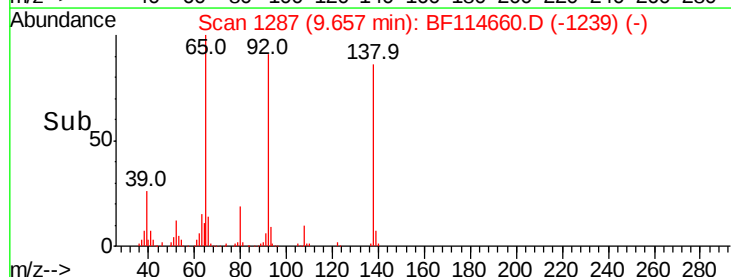
92 106.5 83.1 124.7

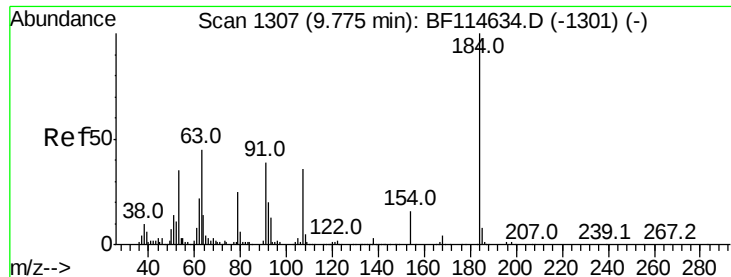


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





#54

2,4-Dinitrophenol

Concen: 2.469 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

Instrument :
BNA_F
ClientSampleId :

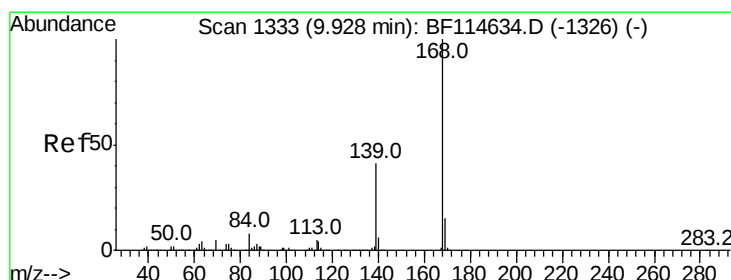
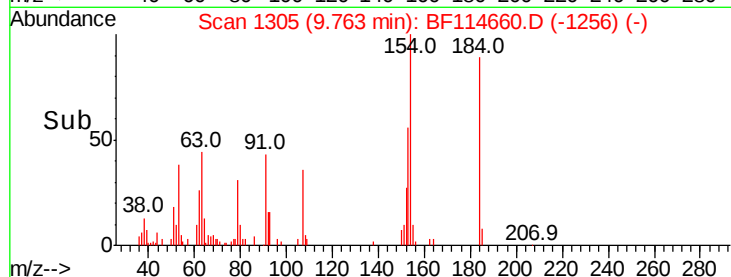
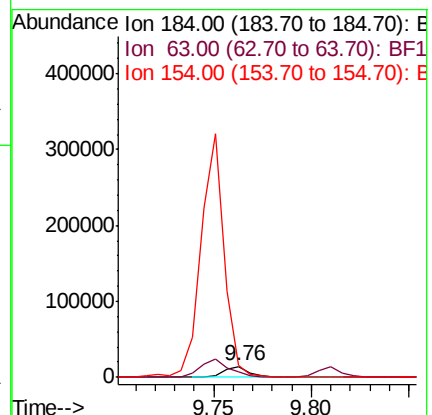
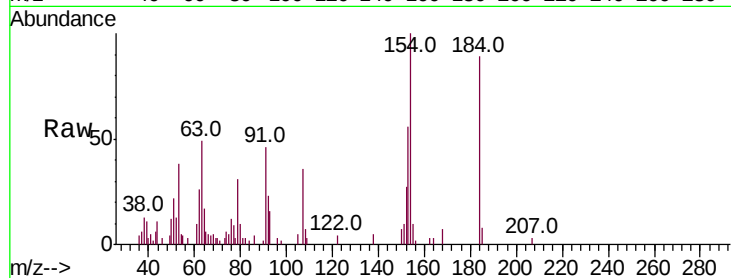
Tot Ion:184 Resp: 12242

Ion Ratio Lower Upper

184 100

63 55.4 38.8 58.2

154 112.6 43.7 65.5#



#55

Dibenzofuran

Concen: 6.173 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

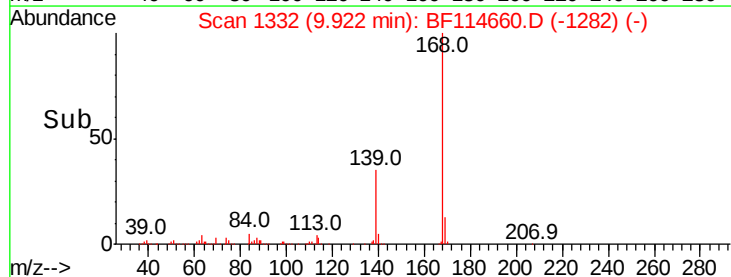
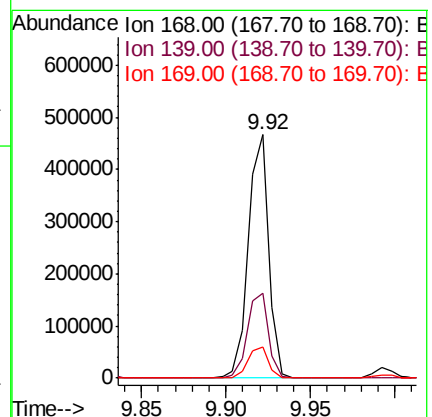
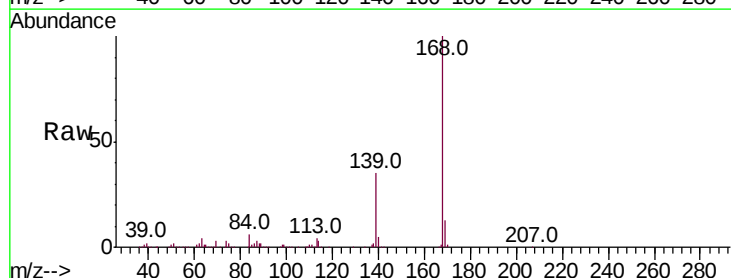
Tgt Ion:168 Resp: 393590

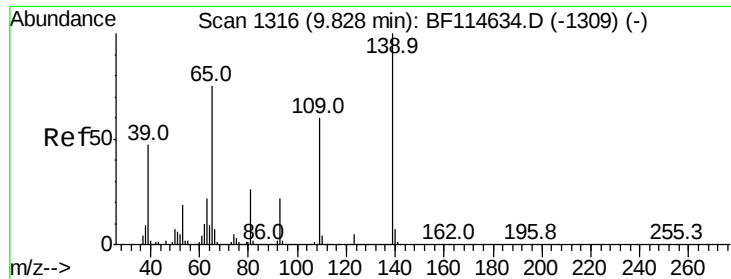
Ion Ratio Lower Upper

168 100

139 35.1 32.6 48.8

169 12.9 11.8 17.8

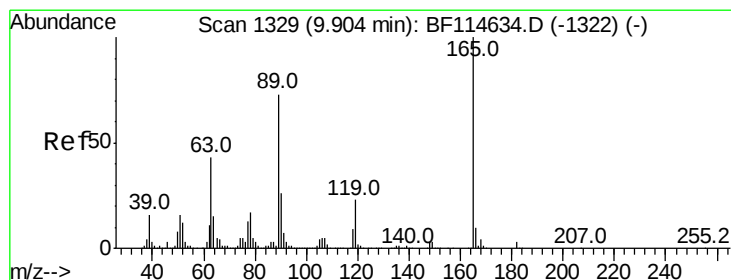
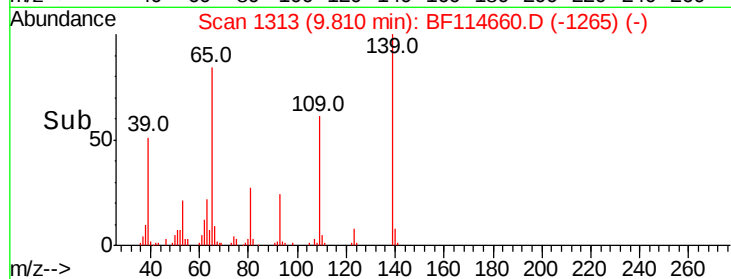
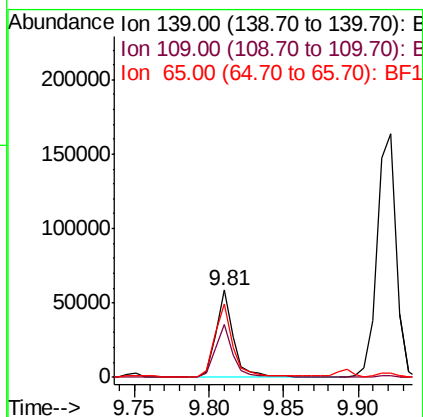
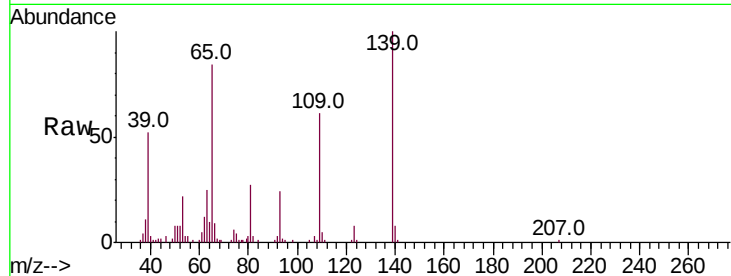




#56
4-Nitrophenol
Concen: 4.257 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.02 min
Lab File: BF114660.D
Acq: 30 May 2019 14:53

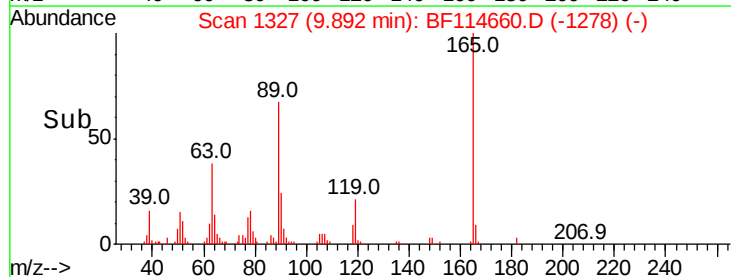
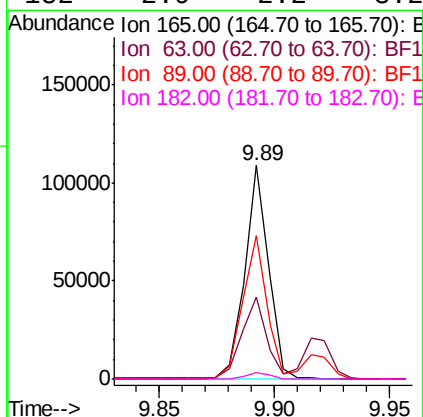
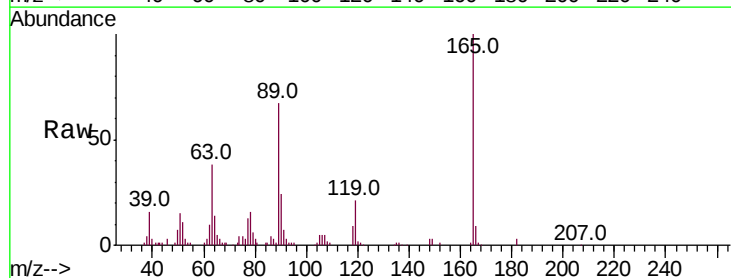
Instrument :
BNA_F
ClientSampleId :

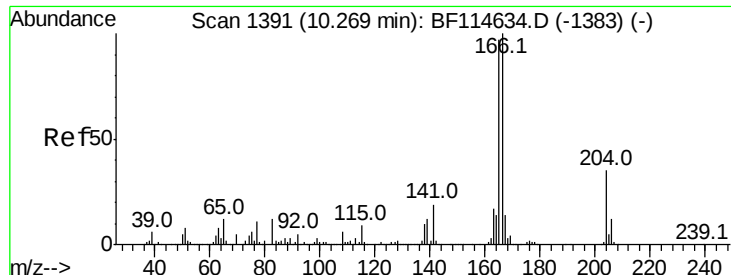
Tot Ion:139 Resp: 48533
Ion Ratio Lower Upper
139 100
109 60.9 40.4 80.4
65 84.4 54.7 94.7



#57
2,4-Dinitrotoluene
Concen: 4.859 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF114660.D
Acq: 30 May 2019 14:53

Tgt Ion:165 Resp: 78399
Ion Ratio Lower Upper
165 100
63 38.5 34.8 52.2
89 67.4 58.5 87.7
182 2.9 2.2 3.2

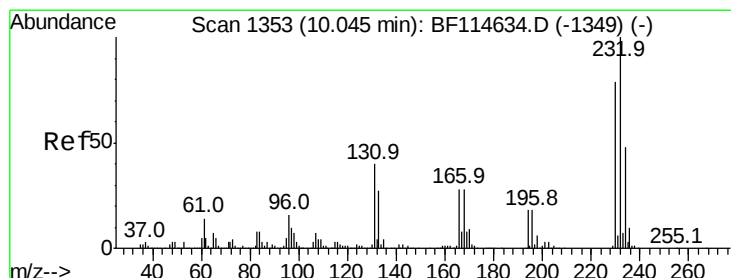
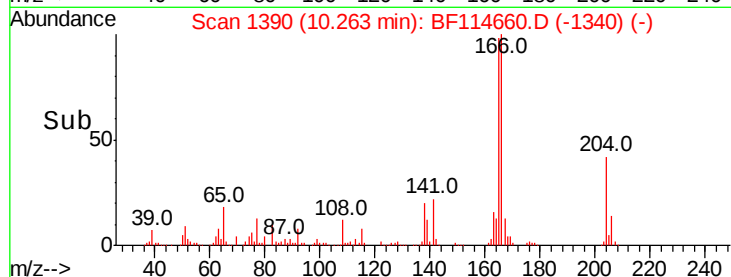
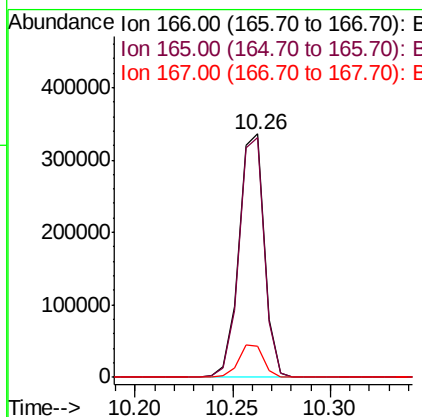
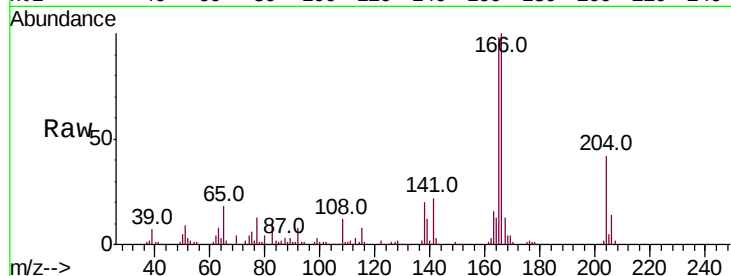




#58
 Fluorene
 Concen: 2.463 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: BF114660.D
 Acq: 30 May 2019 14:53

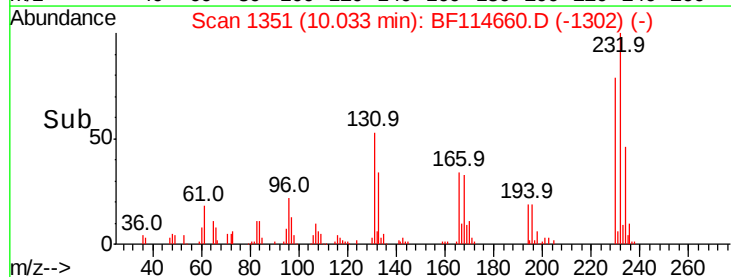
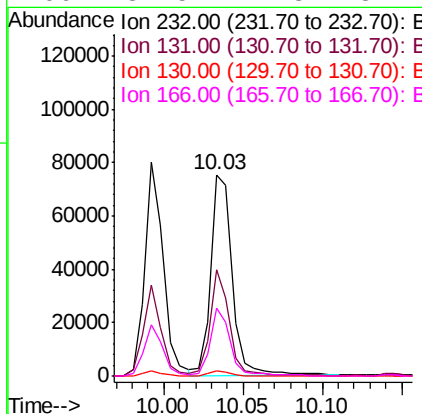
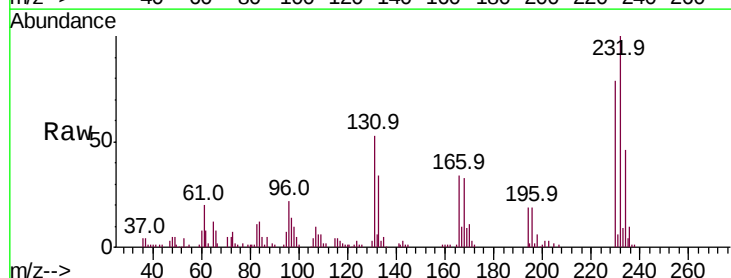
Instrument :
 BNA_F
 ClientSampleId :

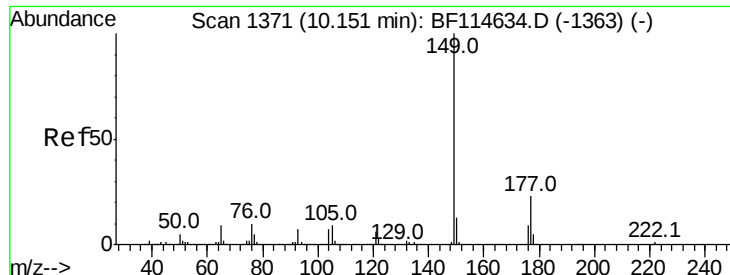
Tot Ion:166 Resp: 302929
 Ion Ratio Lower Upper
 166 100
 165 98.4 77.6 116.4
 167 12.5 11.2 16.8



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 5.410 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. -0.01 min
 Lab File: BF114660.D
 Acq: 30 May 2019 14:53

Tgt Ion:232 Resp: 71885
 Ion Ratio Lower Upper
 232 100
 131 48.2 37.2 55.8
 130 2.3 1.8 2.8
 166 31.5 24.8 37.2

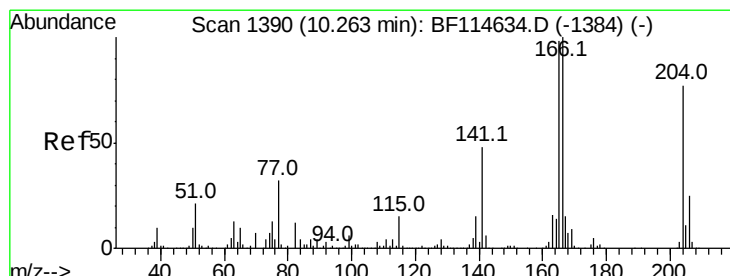
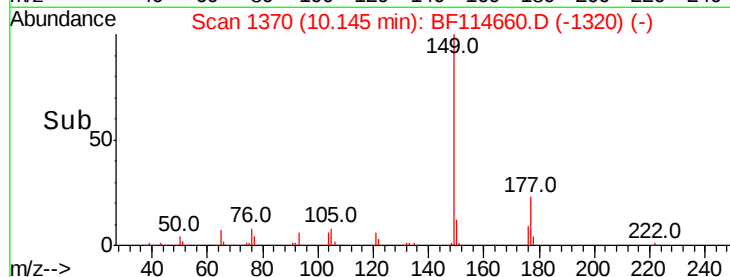
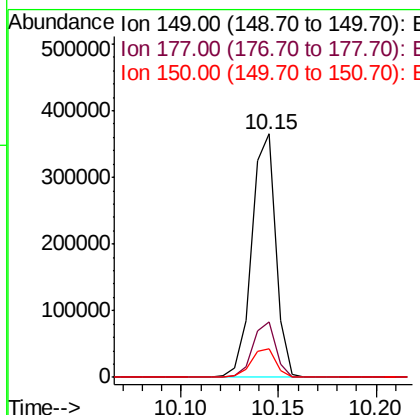
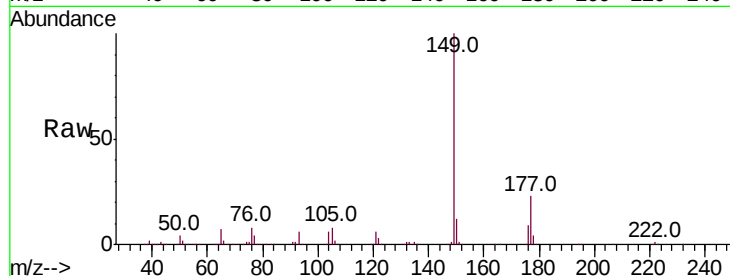




#60
Diethylphthalate
Concen: 5.644 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BF114660.D
Acq: 30 May 2019 14:53

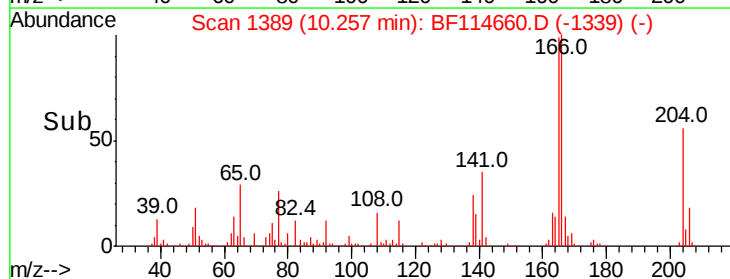
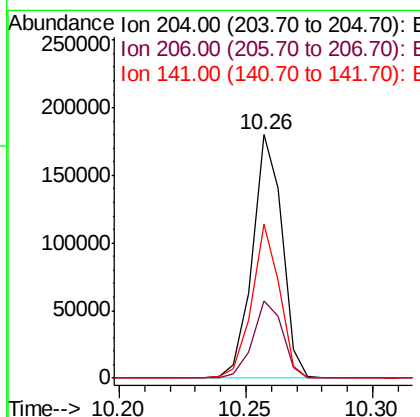
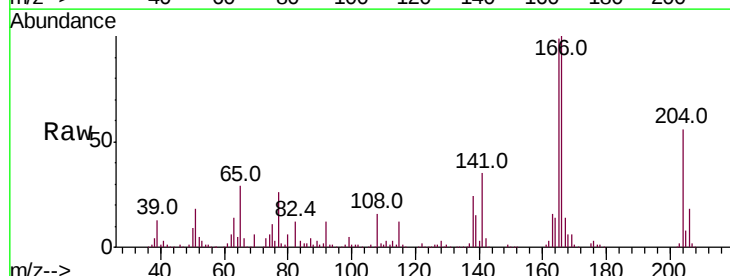
Instrument :
BNA_F
ClientSampled :

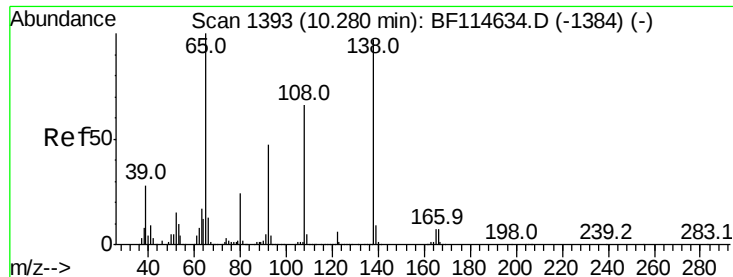
Tot Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.6	28.0
150	11.7	10.6	15.8



#61
4-Chlorophenyl-phenylether
Concen: 2.628 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BF114660.D
Acq: 30 May 2019 14:53

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.9	26.4	39.6
141	63.1	50.0	75.0





#62

4-Nitroaniline

Concen: 4.502 ng

RT: 10.26 min Scan# 1389

Delta R.T. -0.02 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

Instrument :

BNA_F

ClientSampleId :

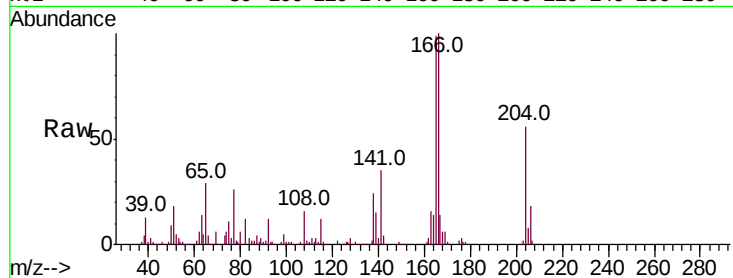
Tot Ion:138 Resp: 67503

Ion Ratio Lower Upper

138 100

92 50.9 28.0 68.0

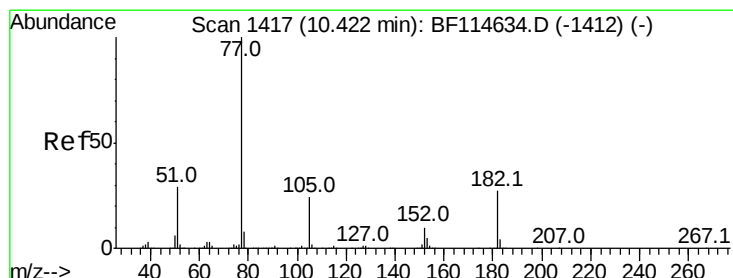
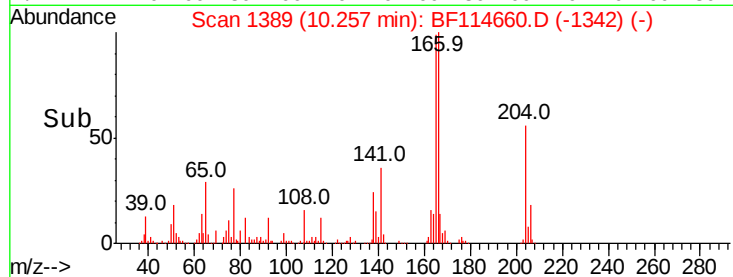
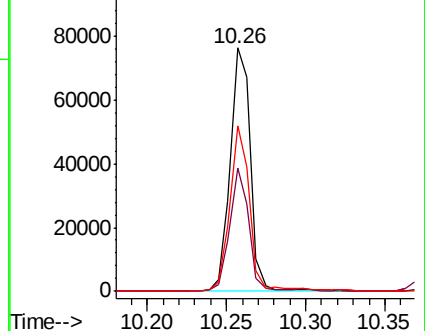
108 67.8 48.4 88.4



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: 5.693 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

Tgt Ion: 77 Resp: 288801

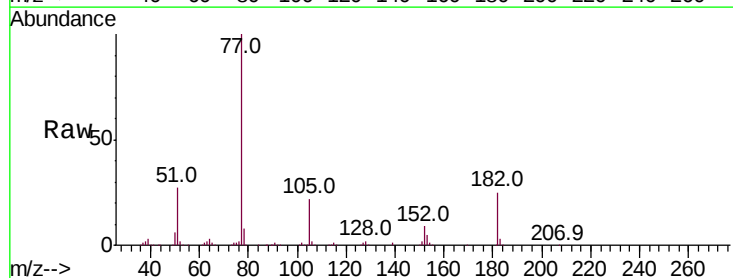
Ion Ratio Lower Upper

77 100

182 24.7 7.0 47.0

105 22.5 3.7 43.7

51 27.0 9.1 49.1

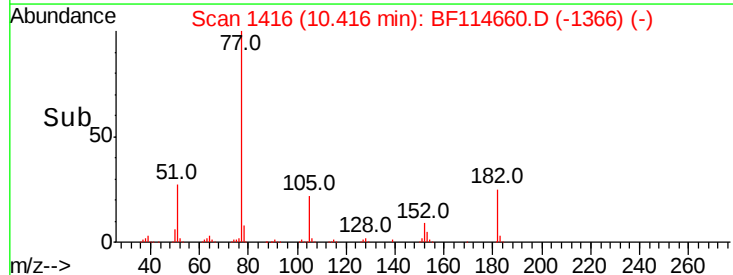
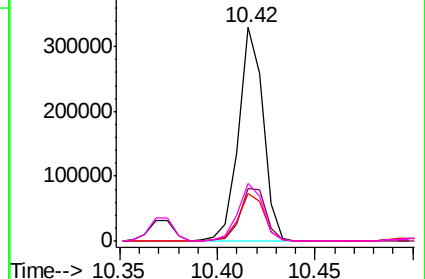


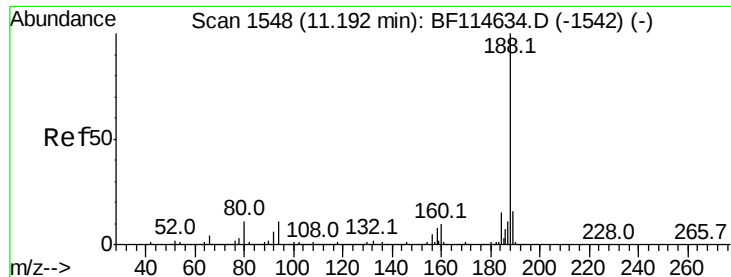
Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF114660.D

Acq: 30 May 2019 14:53

Instrument :

BNA_F

ClientSampleId :

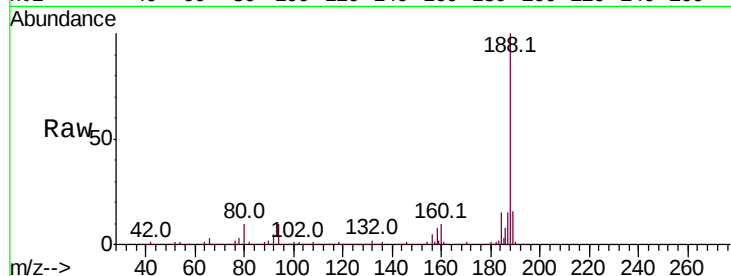
Tot Ion:188 Resp: 1475869

Ion Ratio Lower Upper

188 100

94 9.7 8.6 13.0

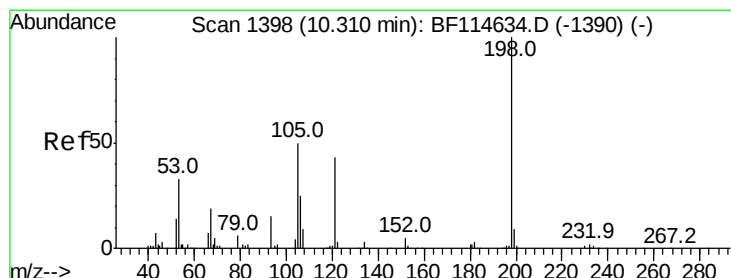
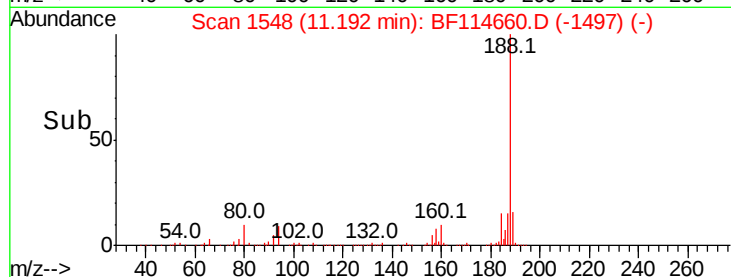
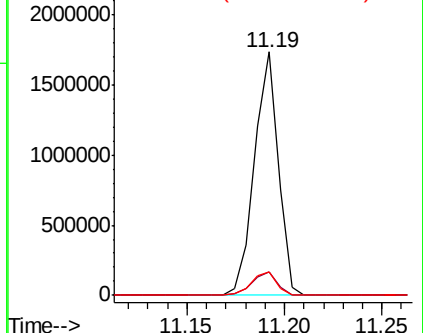
80 9.8 9.0 13.6



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: 3.308 ng

RT: 10.30 min Scan# 1396

Delta R.T. -0.01 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

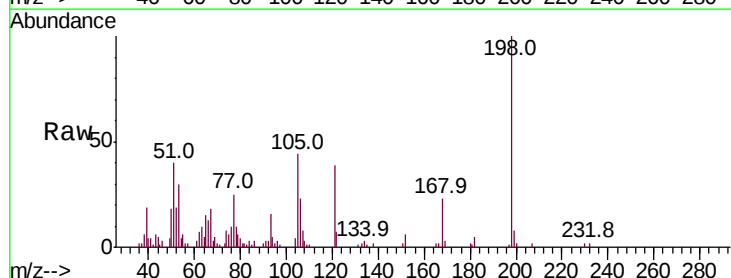
Tgt Ion:198 Resp: 21650

Ion Ratio Lower Upper

198 100

51 40.0 29.0 69.0

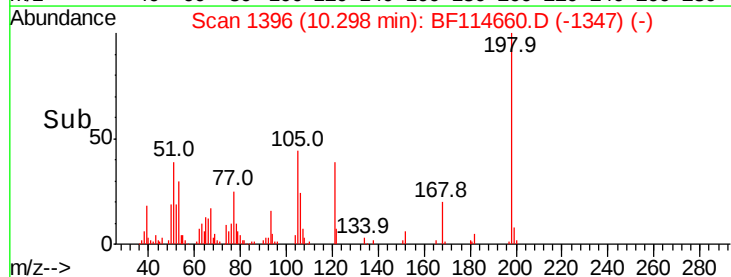
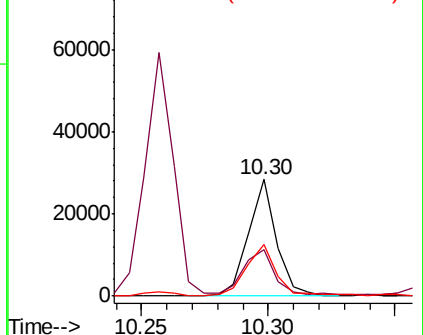
105 44.5 30.4 70.4

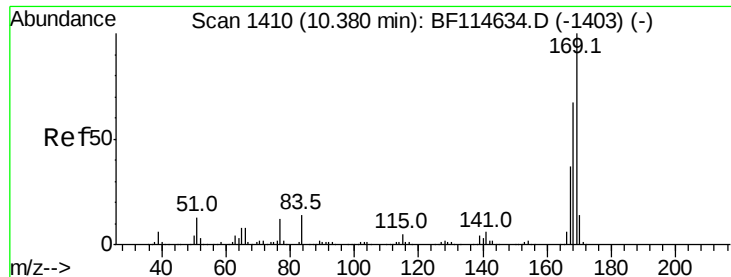


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#66

n-Nitrosodiphenylamine

Concen: 6.021 ng

RT: 10.37 min Scan# 1409

Delta R.T. -0.01 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

Instrument :

BNA_F

ClientSampleId :

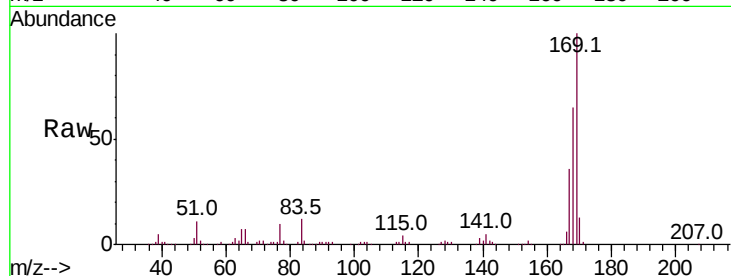
Tot Ion:169 Resp: 262532

Ion Ratio Lower Upper

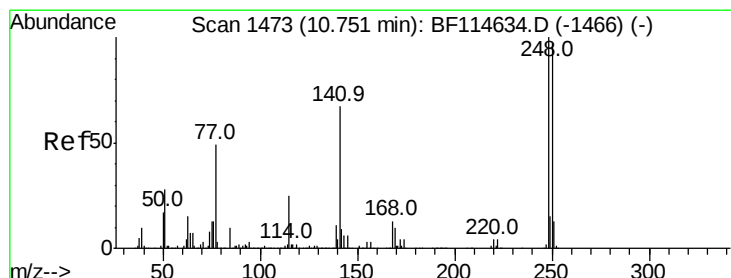
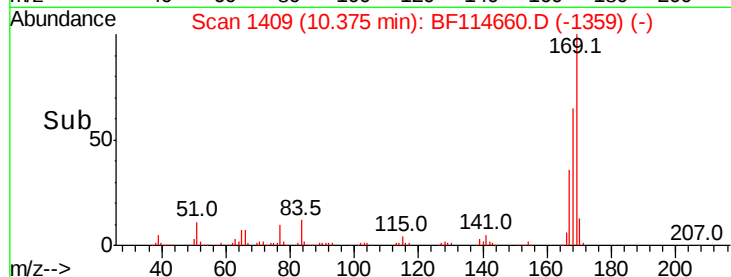
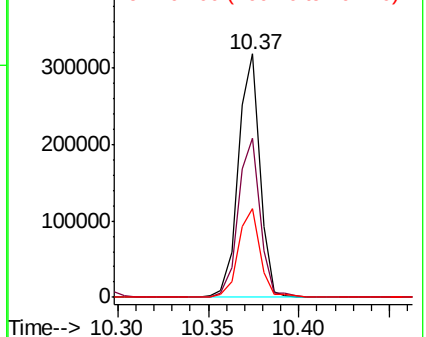
169 100

168 65.3 53.8 80.8

167 36.5 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: 5.550 ng

RT: 10.75 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

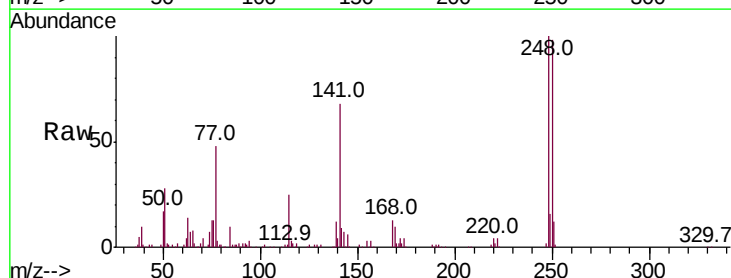
Tgt Ion:248 Resp: 87835

Ion Ratio Lower Upper

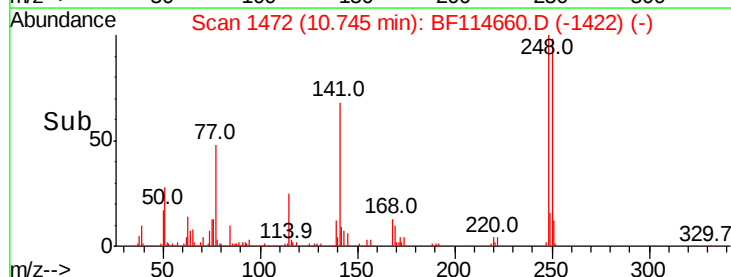
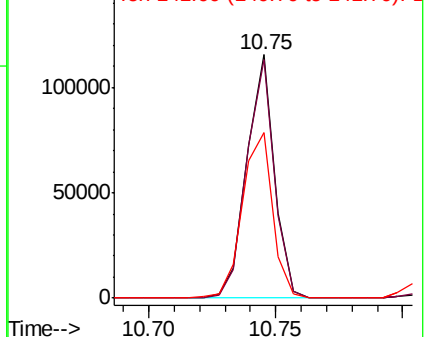
248 100

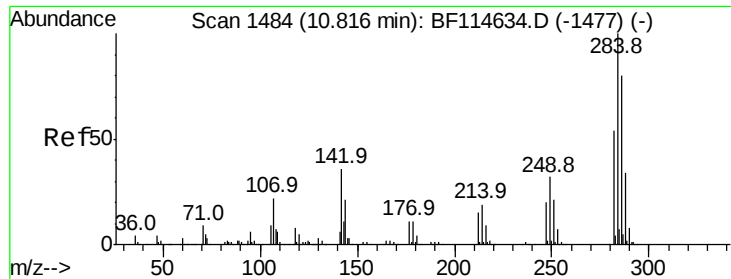
250 97.9 78.0 117.0

141 68.0 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: 5.616 ng

RT: 10.81 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

Instrument :

BNA_F

ClientSampleId :

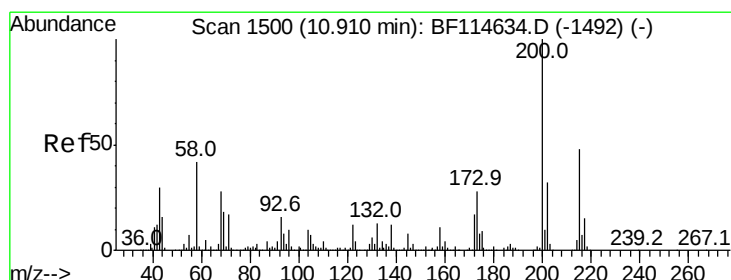
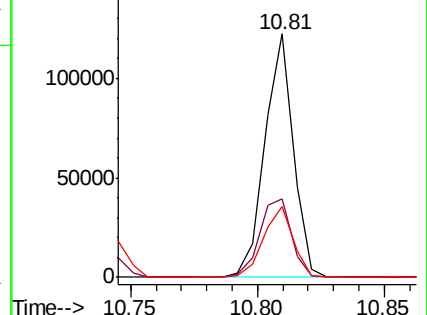
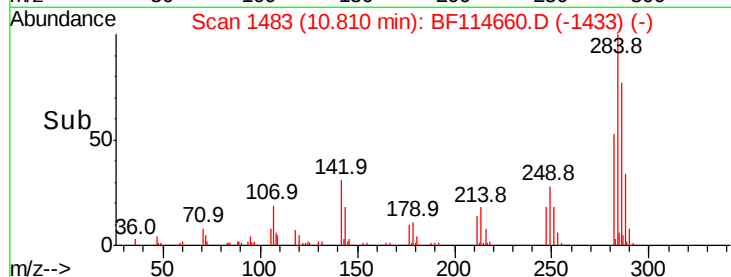
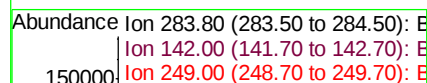
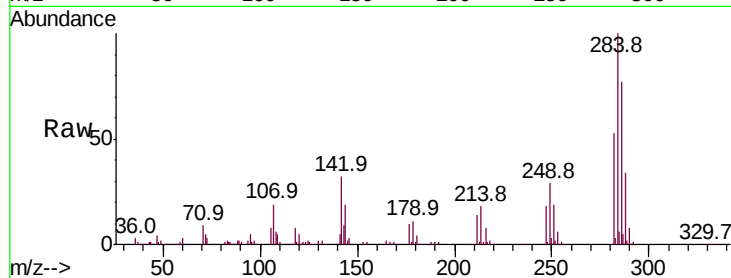
Tot Ion:284 Resp: 96276

Ion	Ratio	Lower	Upper
284	100		
142	32.3	28.9	43.3
249	28.9	25.8	38.6

284 100

142 32.3 28.9 43.3

249 28.9 25.8 38.6



#69

Atrazine

Concen: 4.380 ng

RT: 10.90 min Scan# 1498

Delta R.T. -0.01 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

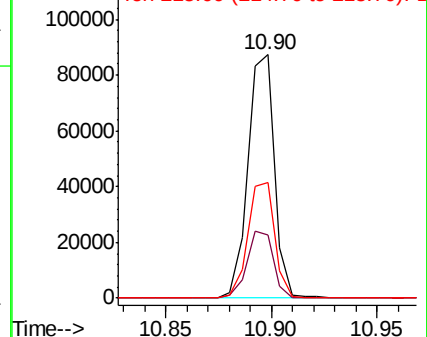
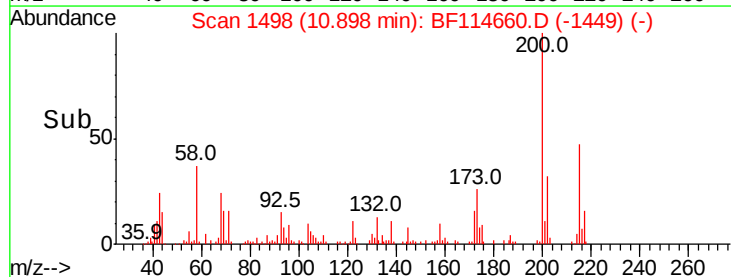
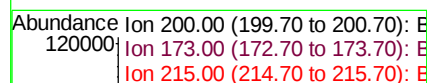
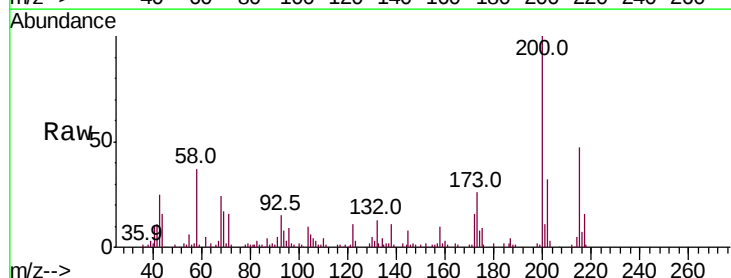
Tgt Ion:200 Resp: 75949

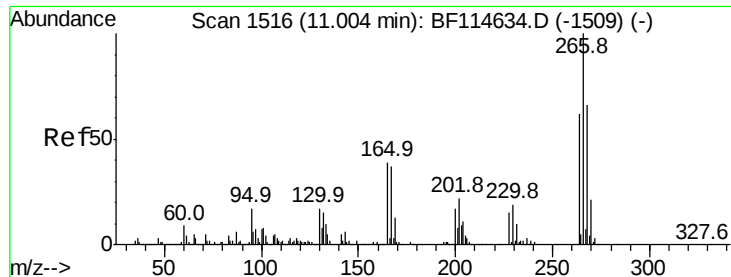
Ion	Ratio	Lower	Upper
200	100		
173	26.1	7.9	47.9
215	47.4	27.8	67.8

200 100

173 26.1 7.9 47.9

215 47.4 27.8 67.8

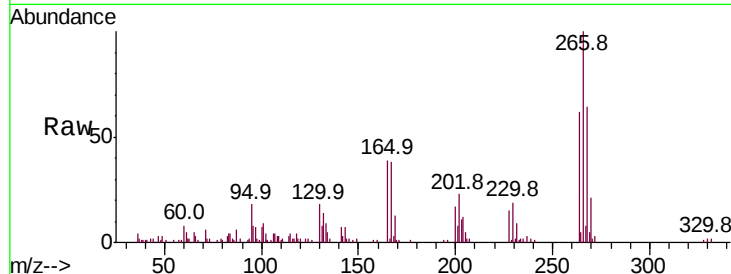




#70
 Pentachlorophenol
 Concen: 4.350 ng
 RT: 11.00 min Scan# 1515
 Delta R.T. -0.01 min
 Lab File: BF114660.D
 Acq: 30 May 2019 14:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.3	52.8	79.2
264	62.5	49.9	74.9

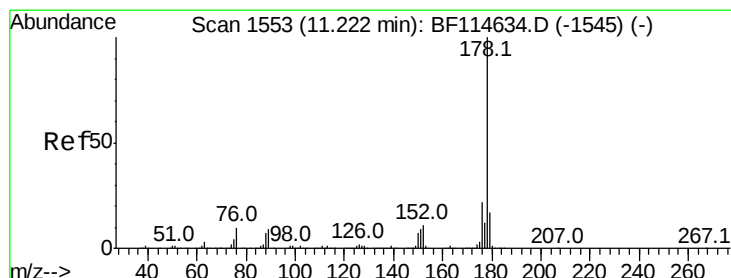
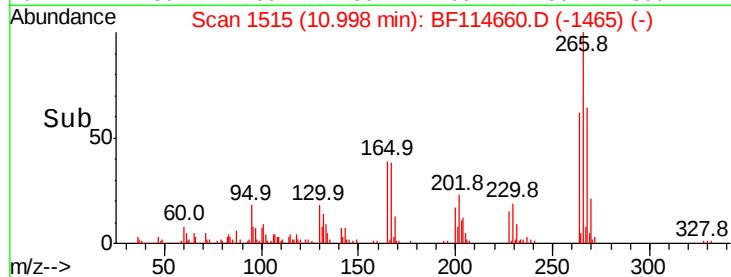
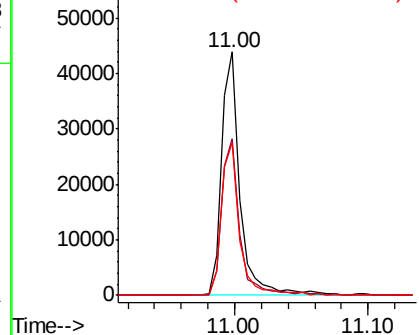


Abundance

Ion 265.70 (265.40 to 266.40): E

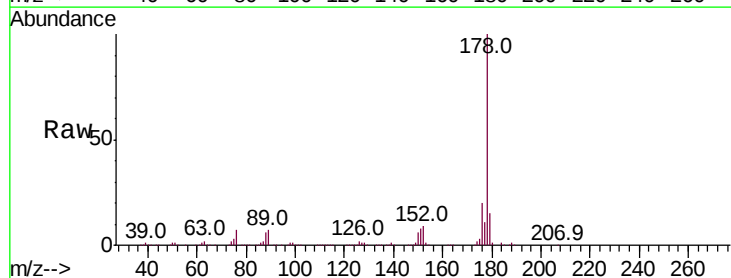
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#71
 Phenanthrene
 Concen: 5.981 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. -0.01 min
 Lab File: BF114660.D
 Acq: 30 May 2019 14:53

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	17.2	25.8
179	15.2	13.9	20.9

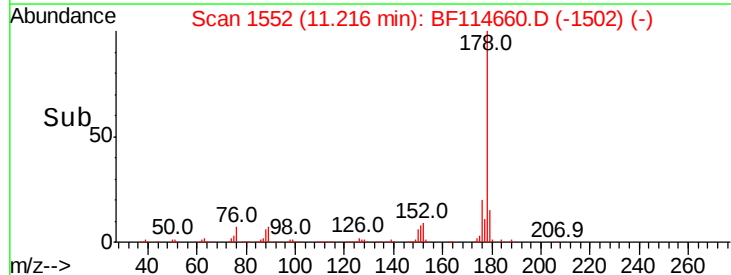
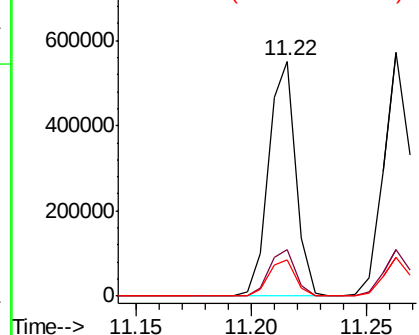


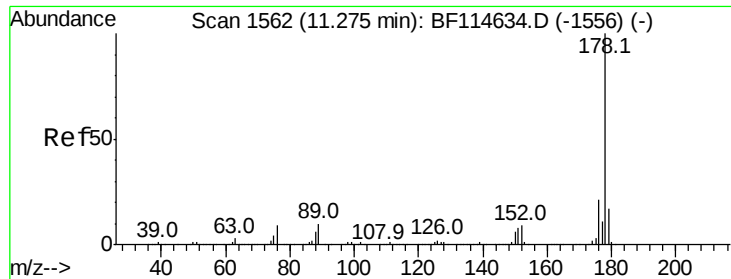
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

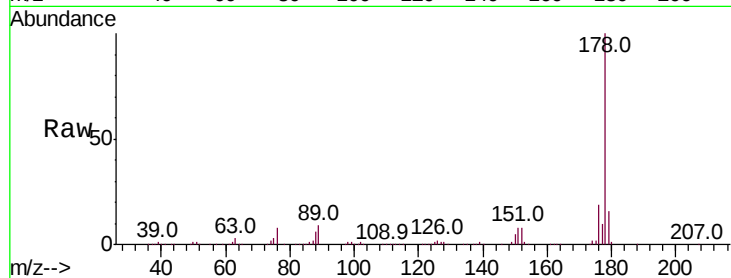




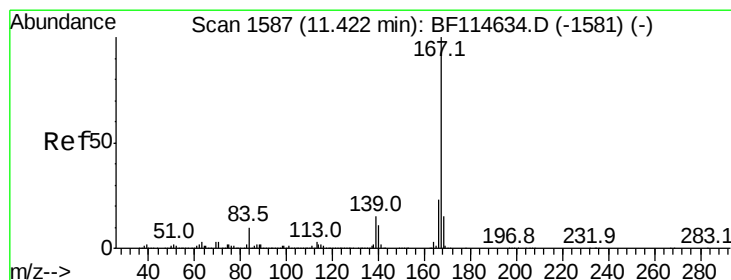
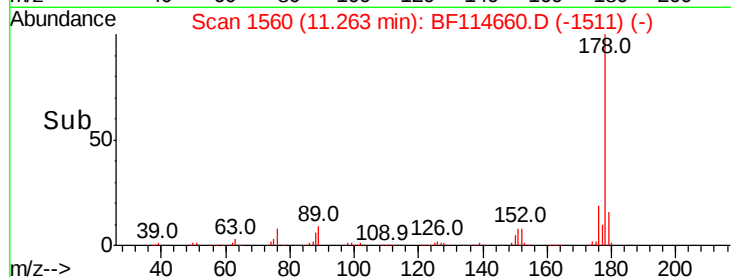
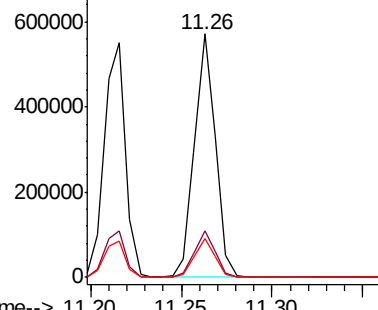
#72
 Anthracene
 Concen: 6.038 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: BF114660.D
 Acq: 30 May 2019 14:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 460042
 Ion Ratio Lower Upper
 178 100
 176 19.3 16.6 24.8
 179 15.8 13.4 20.0

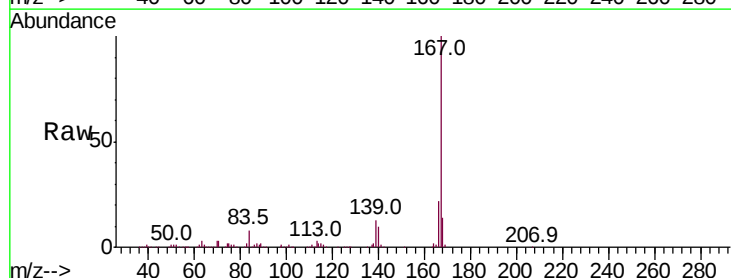


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

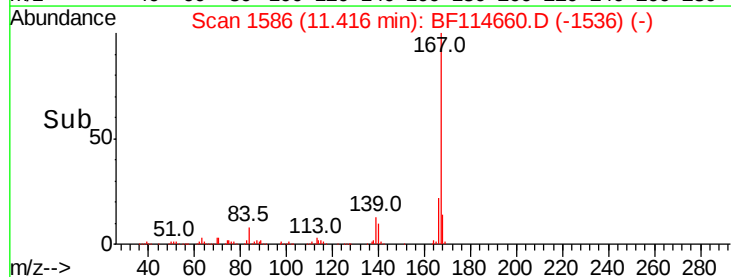
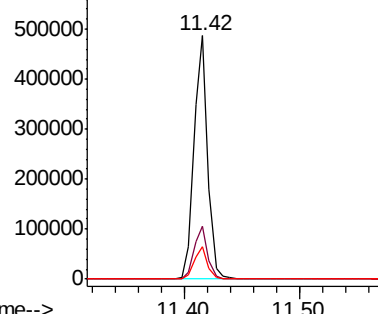


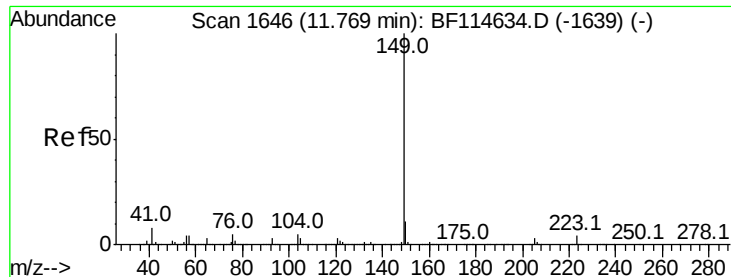
#73
 Carbazole
 Concen: 5.929 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.01 min
 Lab File: BF114660.D
 Acq: 30 May 2019 14:53

Tgt Ion:167 Resp: 397025
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.7 28.1
 139 13.1 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

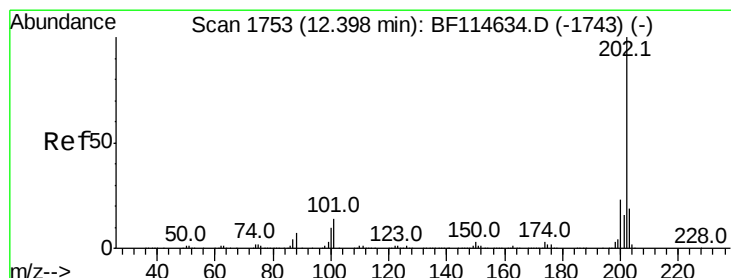
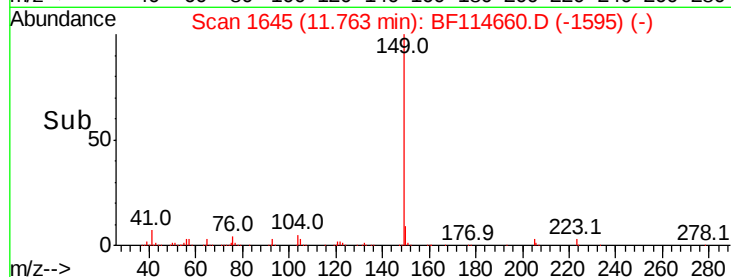
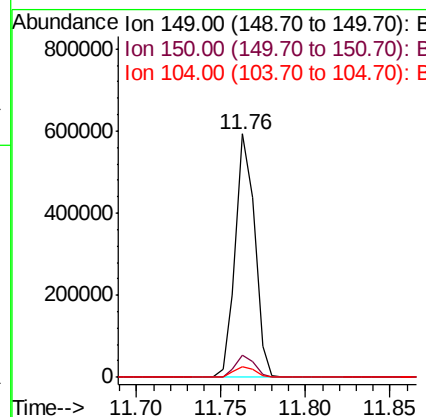
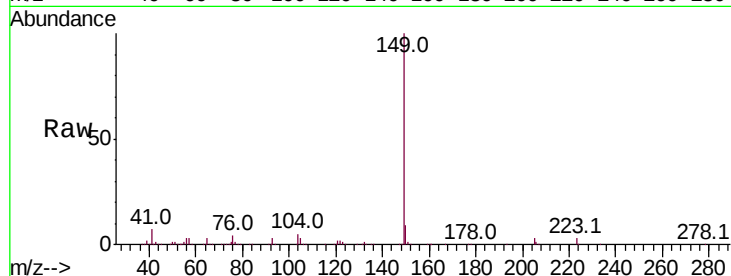




#74
Di-n-butylphthalate
Concen: 2.400 ng
RT: 11.76 min Scan# 1645
Delta R.T. -0.01 min
Lab File: BF114660.D
Acq: 30 May 2019 14:53

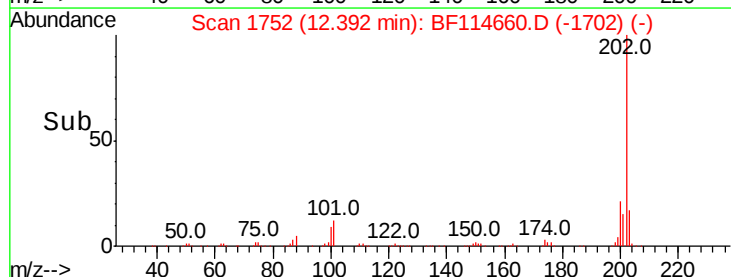
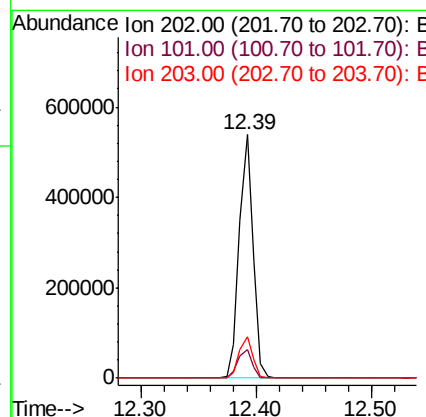
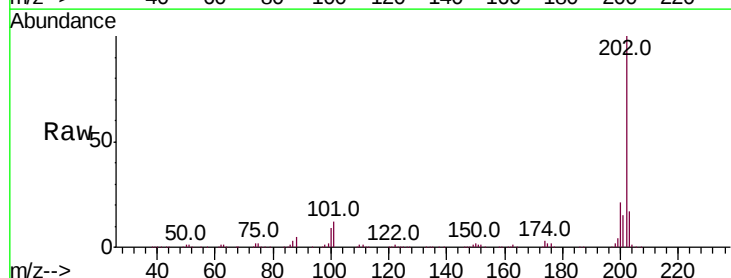
Instrument :
BNA_F
ClientSampleId :

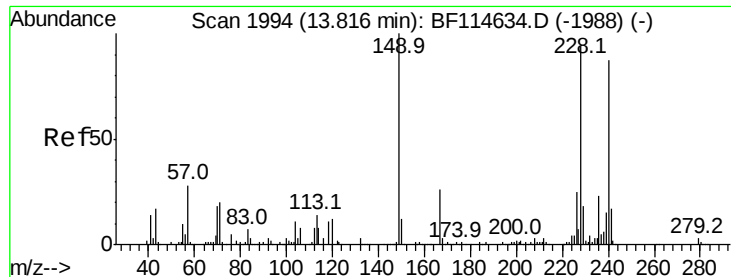
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.2	8.6	12.8
104	4.6	4.3	6.5



#75
Fluoranthene
Concen: 5.743 ng
RT: 12.39 min Scan# 1752
Delta R.T. -0.00 min
Lab File: BF114660.D
Acq: 30 May 2019 14:53

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	33.9
203	17.2	0.0	39.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

Instrument :

BNA_F

ClientSampleId :

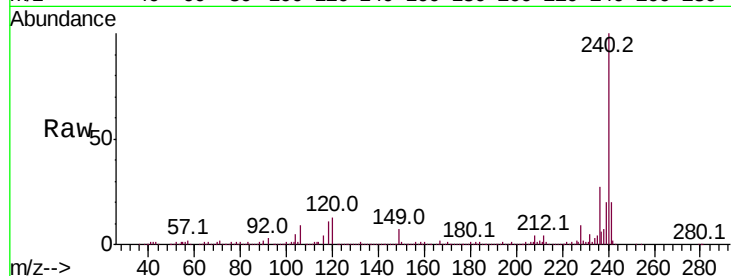
Tot Ion:240 Resp: 1108099

Ion Ratio Lower Upper

240 100

120 12.6 11.2 16.8

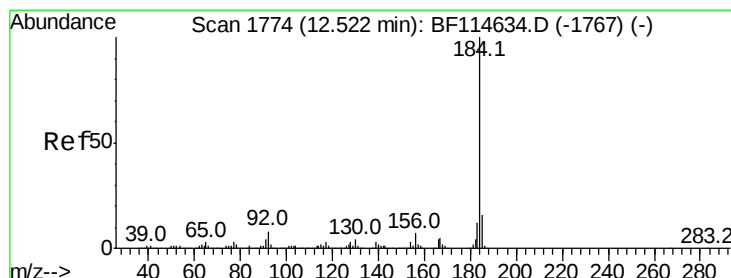
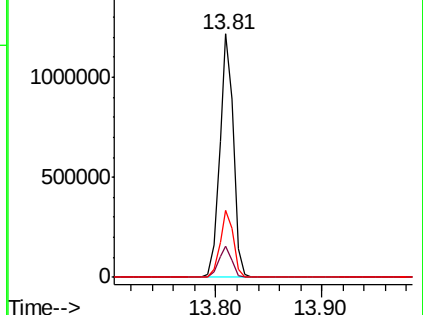
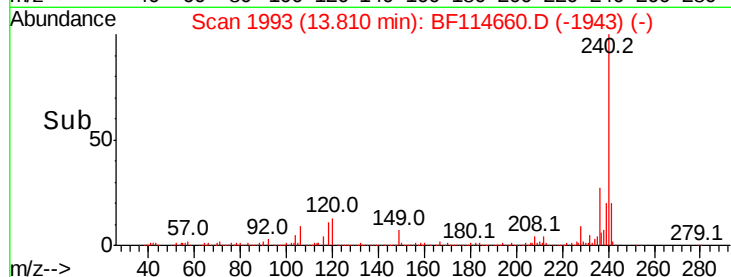
236 27.3 21.2 31.8



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: 4.160 ng

RT: 12.52 min Scan# 1773

Delta R.T. -0.01 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

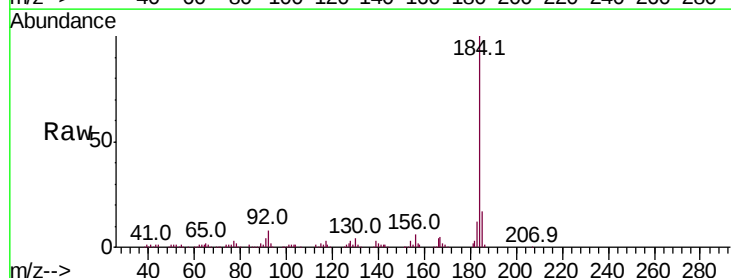
Tgt Ion:184 Resp: 189820

Ion Ratio Lower Upper

184 100

185 17.0 12.6 18.8

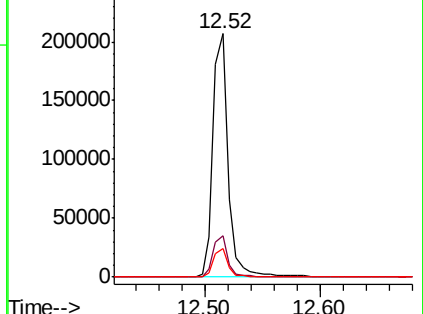
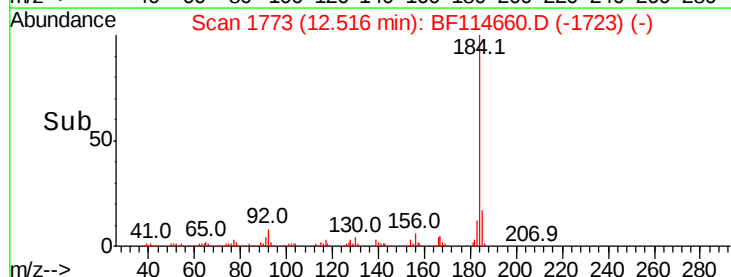
183 12.0 9.4 14.2

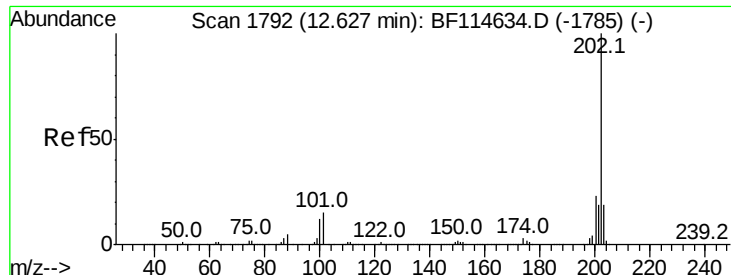


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

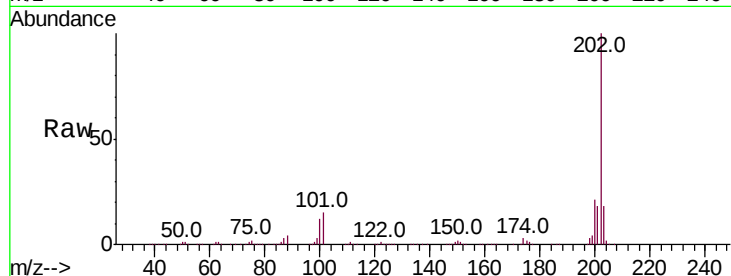




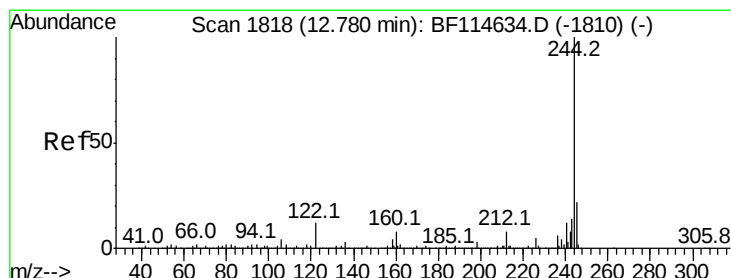
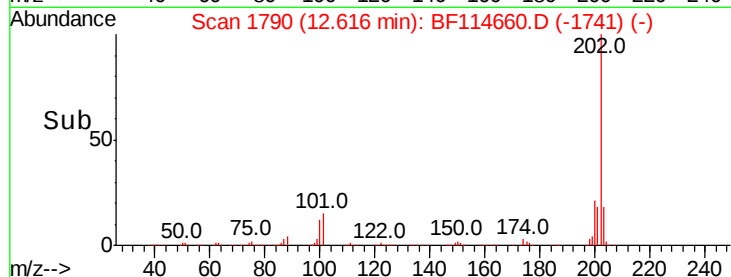
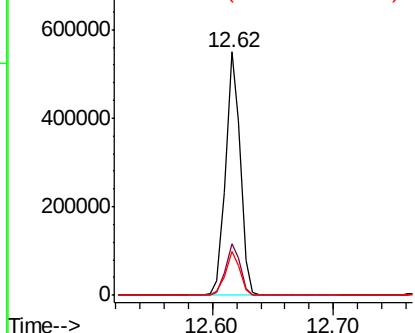
#78
Pvrene
Concen: 4.898 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF114660.D
Acq: 30 May 2019 14:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 459078
Ion Ratio Lower Upper
202 100
200 21.2 18.6 28.0
203 18.0 15.4 23.2

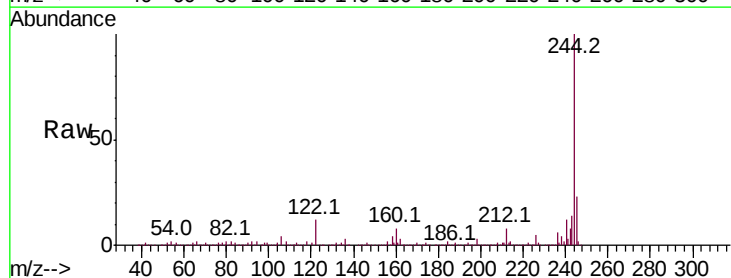


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

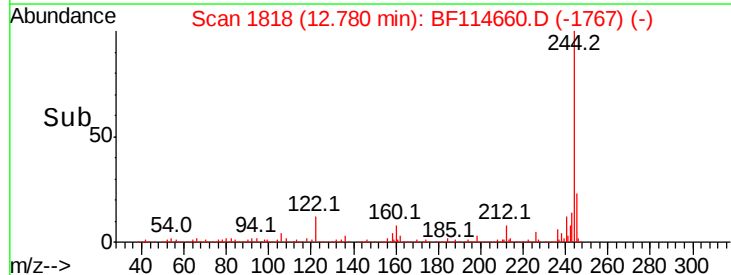
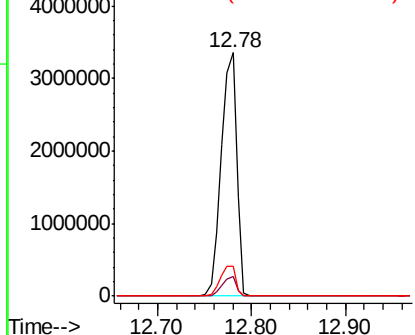


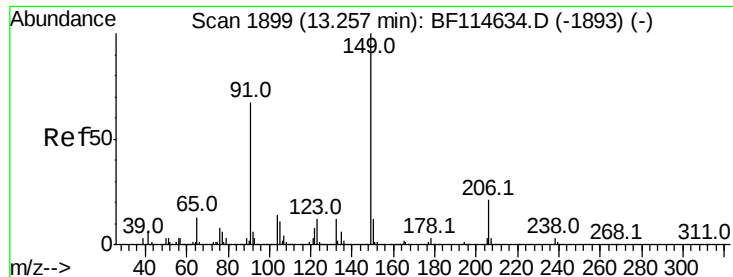
#79
Terphenyl-d14
Concen: 66.122 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BF114660.D
Acq: 30 May 2019 14:53

Tgt Ion:244 Resp: 3896988
Ion Ratio Lower Upper
244 100
212 7.9 6.1 9.1
122 12.3 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

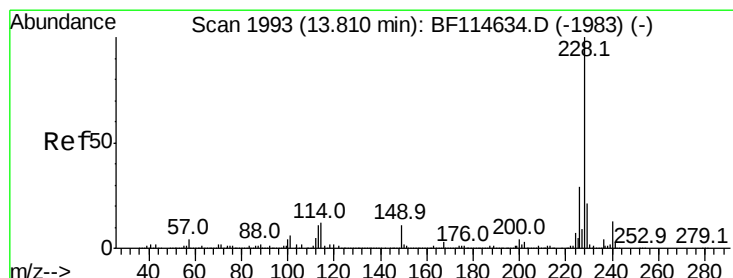
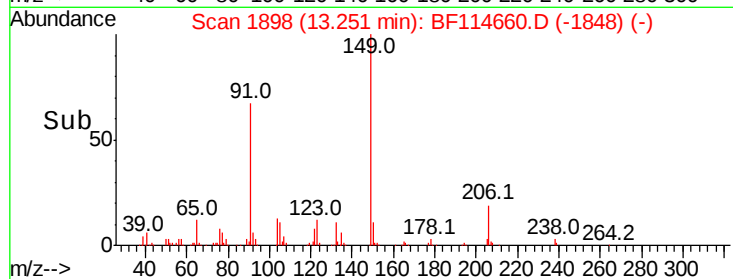
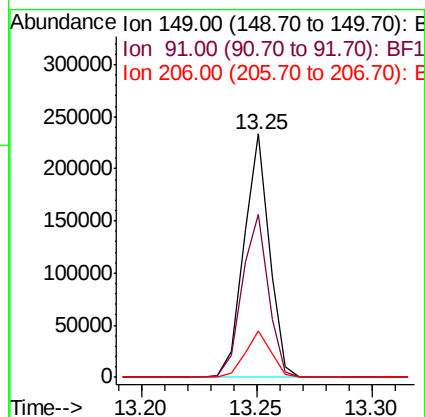
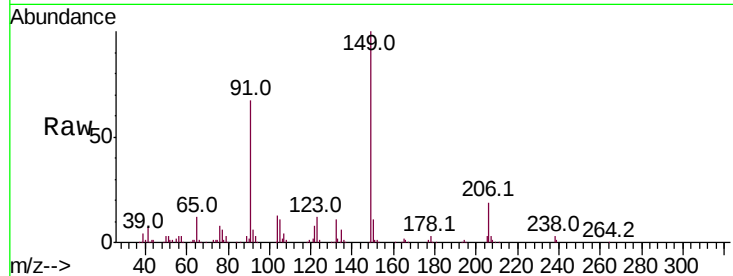




#80
Butylbenzylphthalate
Concen: 3.809 ng
RT: 13.25 min Scan# 1898
Delta R.T. -0.01 min
Lab File: BF114660.D
Acq: 30 May 2019 14:53

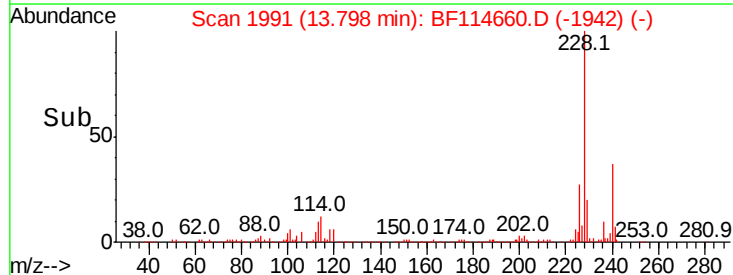
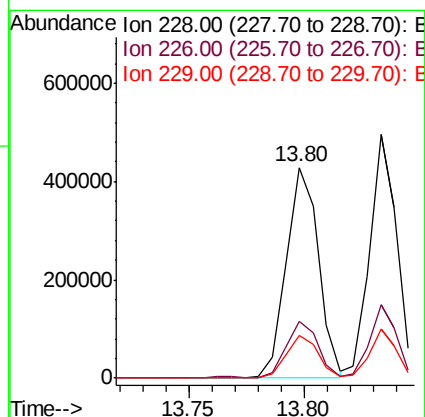
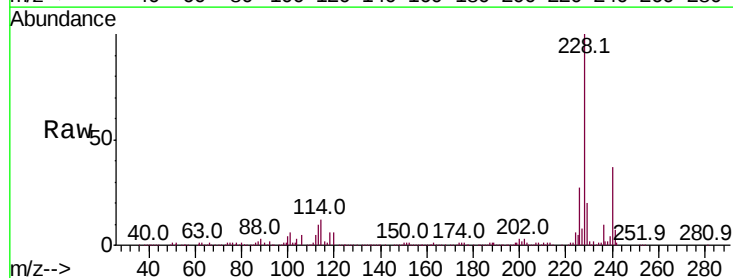
Instrument :
BNA_F
ClientSampleId :

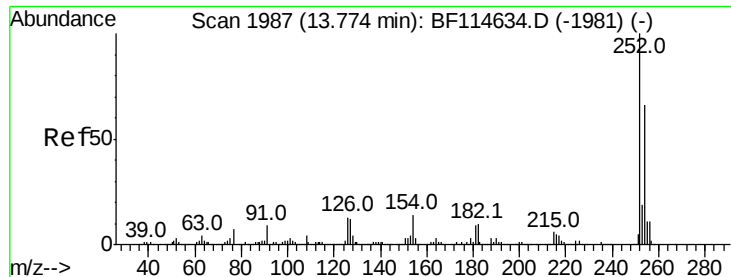
Tot Ion	Ratio	Lower	Upper
149	100		
91	66.9	53.8	80.8
206	19.0	16.9	25.3



#81
Benzo(a)anthracene
Concen: 4.850 ng
RT: 13.80 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BF114660.D
Acq: 30 May 2019 14:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.7	23.0	34.6
229	20.0	17.0	25.4

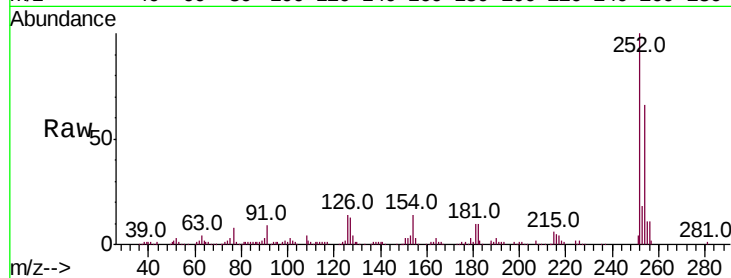




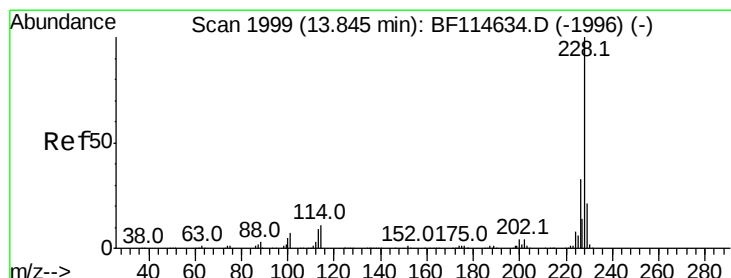
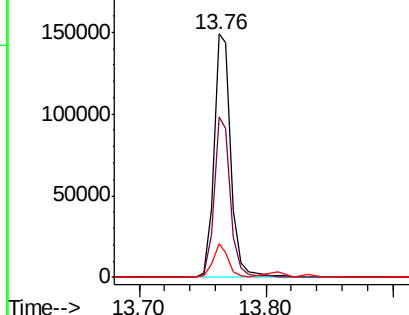
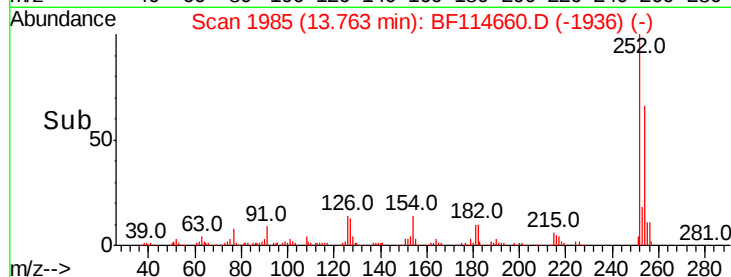
#82
 3,3'-Dichlorobenzidine
 Concen: 4.294 ng
 RT: 13.76 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: BF114660.D
 Acq: 30 May 2019 14:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.9	53.1	79.7
126	13.7	10.2	15.2

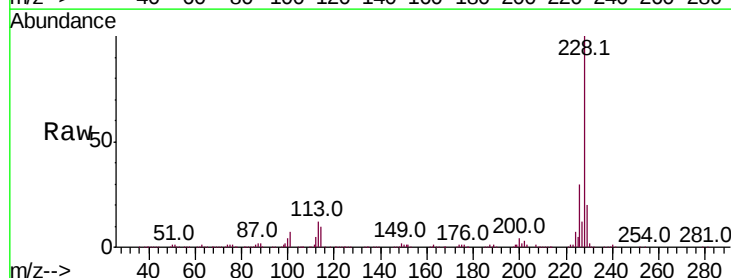


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

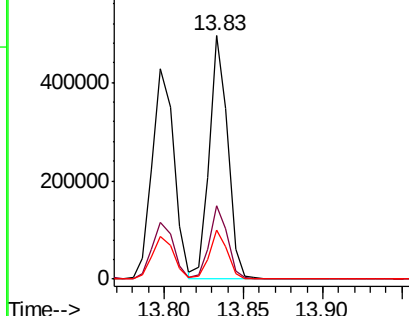
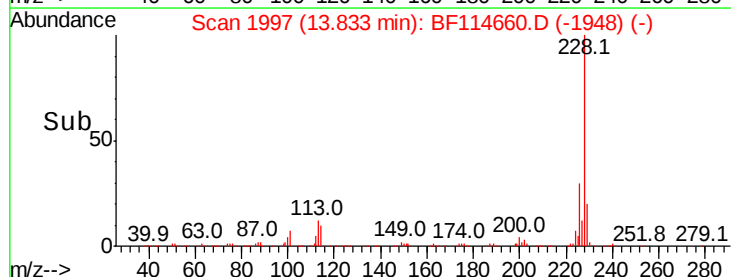


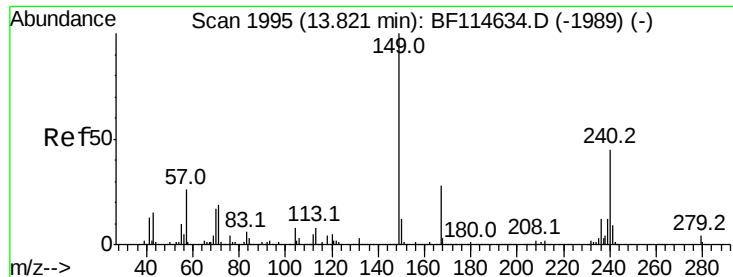
#83
 Chrysene
 Concen: 4.971 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.01 min
 Lab File: BF114660.D
 Acq: 30 May 2019 14:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	26.4	39.6
229	20.1	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: 4.588 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

Instrument :

BNA_F

ClientSampleId :

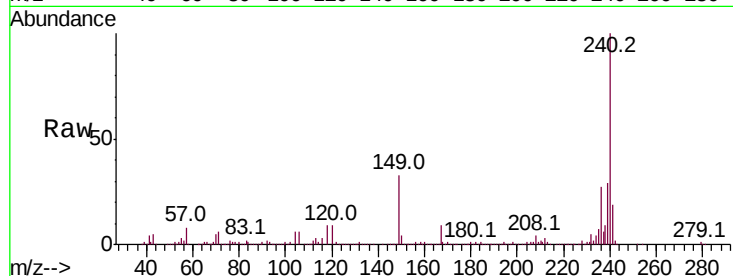
Tot Ion:149 Resp: 267198

Ion Ratio Lower Upper

149 100

167 27.3 22.6 33.8

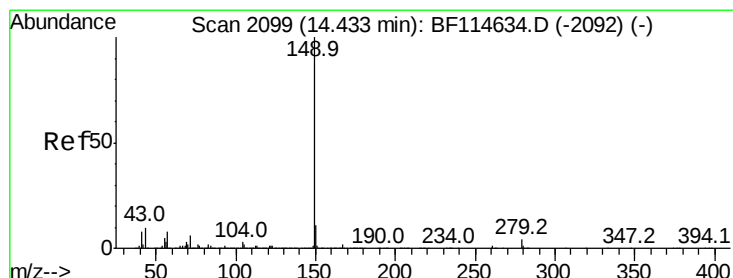
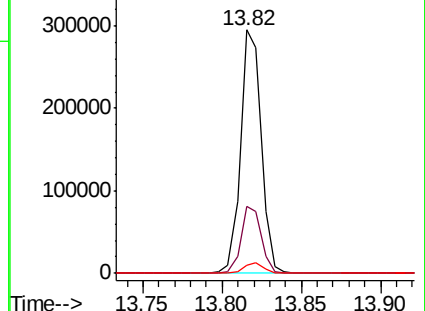
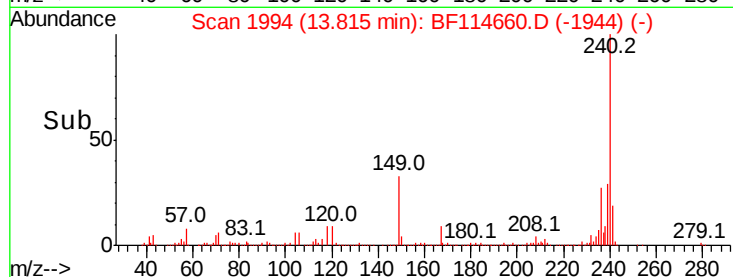
279 3.1 3.0 4.4



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: 4.159 ng

RT: 14.43 min Scan# 2098

Delta R.T. -0.01 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

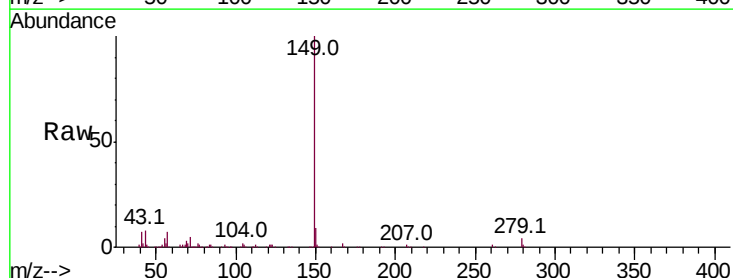
Tgt Ion:149 Resp: 420827

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

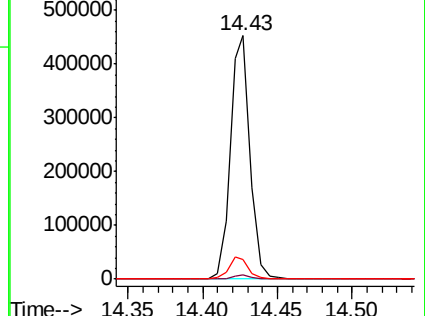
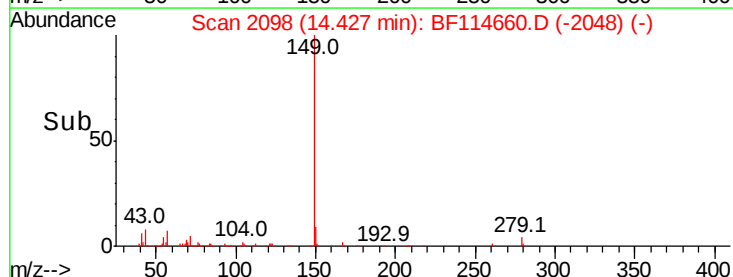
43 8.9 8.0 12.0

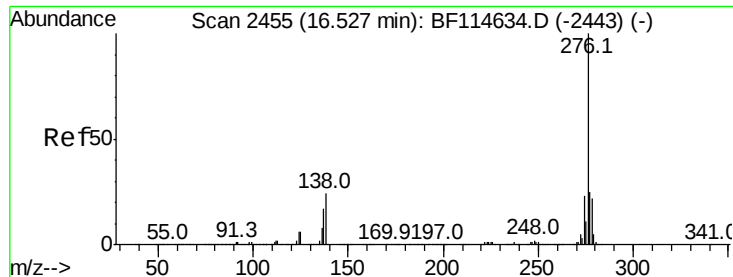


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

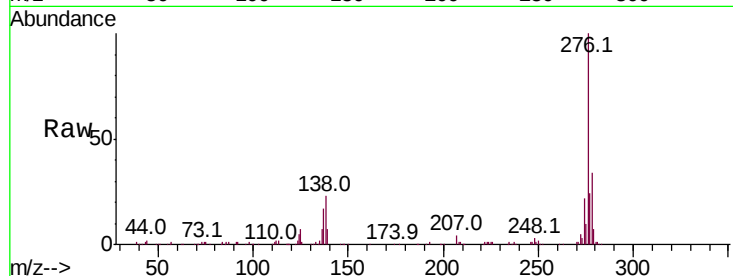




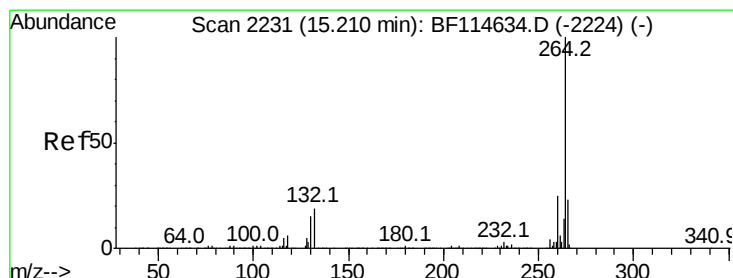
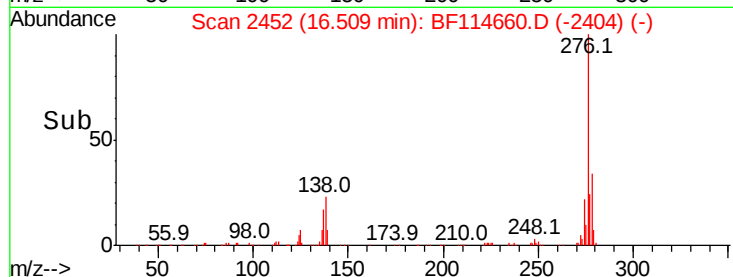
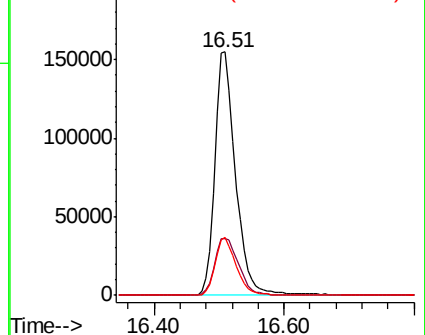
#86
Indeno(1,2,3-cd)pyrene
Concen: 4.190 ng
RT: 16.51 min Scan# 2452
Delta R.T. -0.02 min
Lab File: BF114660.D
Acq: 30 May 2019 14:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 341410
Ion Ratio Lower Upper
276 100
138 27.4 23.0 34.6
277 24.4 20.5 30.7

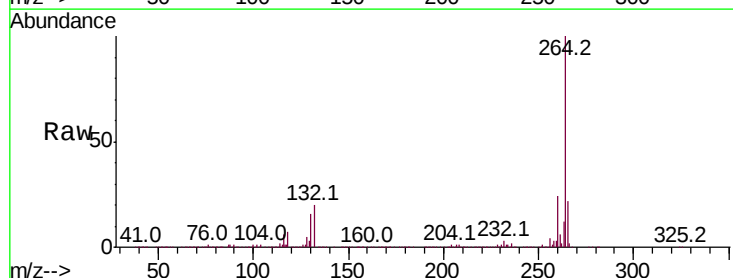


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

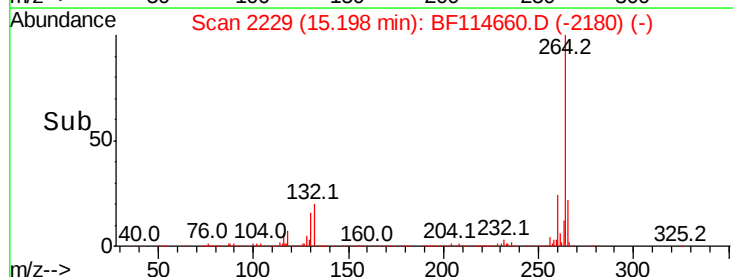
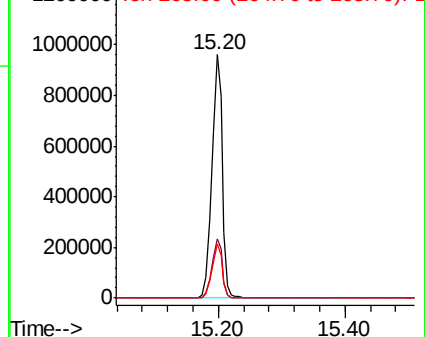


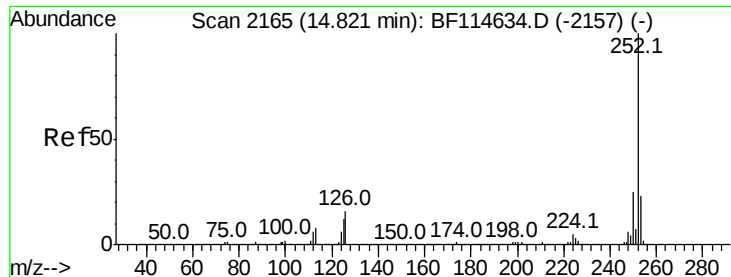
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.20 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF114660.D
Acq: 30 May 2019 14:53

Tgt Ion:264 Resp: 1119457
Ion Ratio Lower Upper
264 100
260 24.5 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

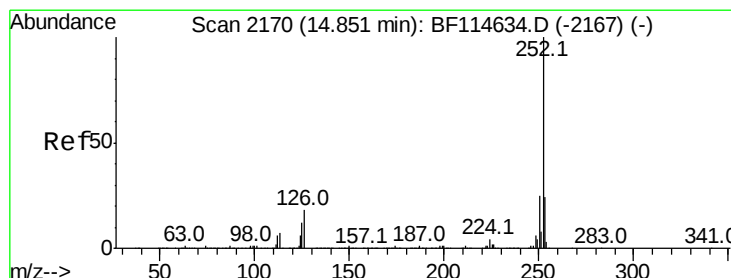
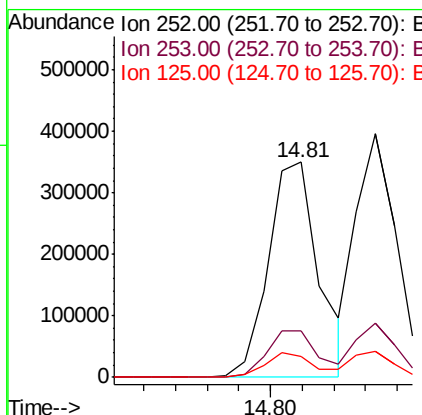
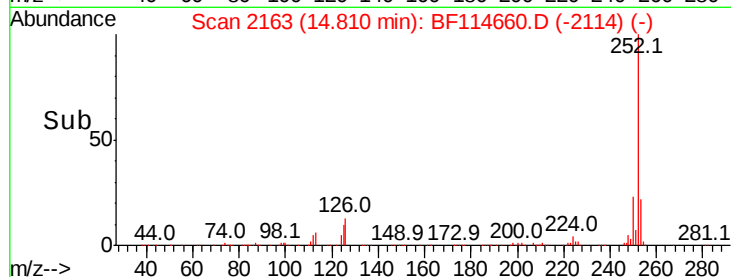
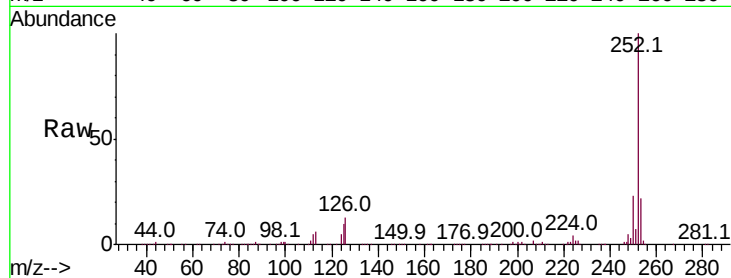




#88
Benzo(b)fluoranthene
Concen: 5.493 ng
RT: 14.81 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BF114660.D
Acq: 30 May 2019 14:53

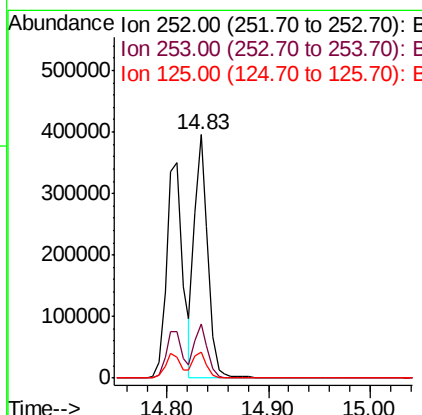
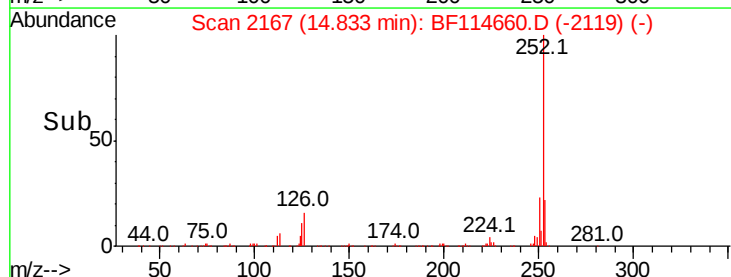
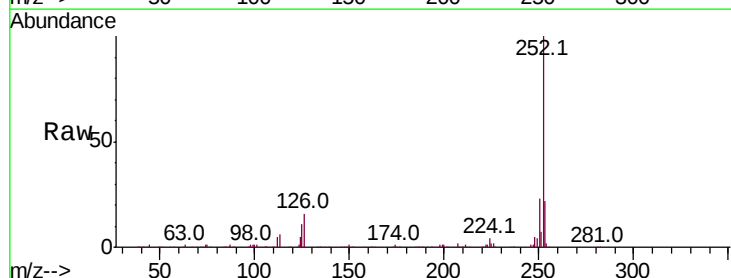
Instrument :
BNA_F
ClientSampled :

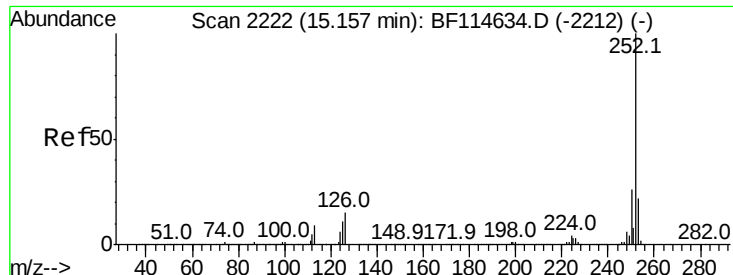
Tot Ion:252 Resp: 387279
Ion Ratio Lower Upper
252 100
253 21.9 18.7 28.1
125 9.6 9.4 14.2



#89
Benzo(k)fluoranthene
Concen: 5.842 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.02 min
Lab File: BF114660.D
Acq: 30 May 2019 14:53

Tgt Ion:252 Resp: 358043
Ion Ratio Lower Upper
252 100
253 22.0 18.9 28.3
125 10.9 9.5 14.3





#90

Benzo(a)pyrene

Concen: 5.549 ng

RT: 15.14 min Scan# 2219

Delta R.T. -0.02 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

Instrument :

BNA_F

ClientSampleId :

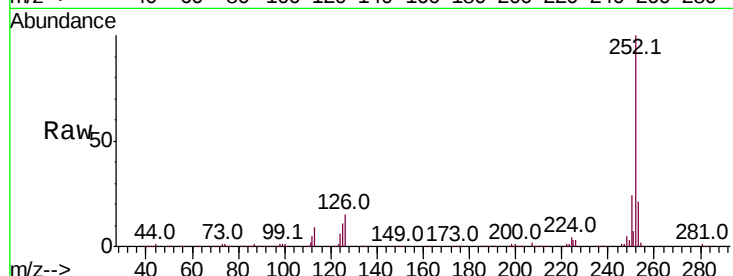
Tot Ion:252 Resp: 343692

Ion Ratio Lower Upper

252 100

253 21.3 18.0 27.0

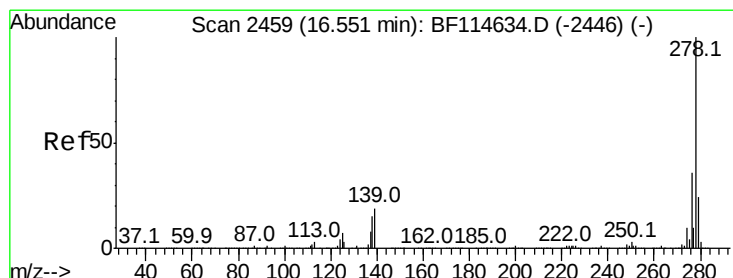
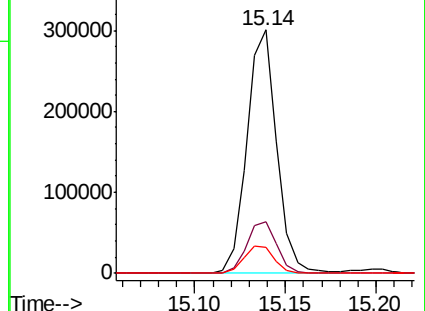
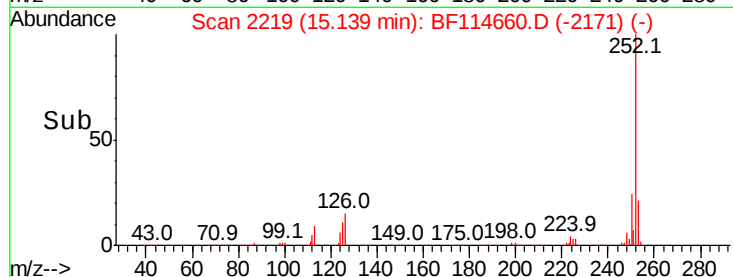
125 10.9 9.2 13.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 5.201 ng

RT: 16.53 min Scan# 2455

Delta R.T. -0.02 min

Lab File: BF114660.D

Acq: 30 May 2019 14:53

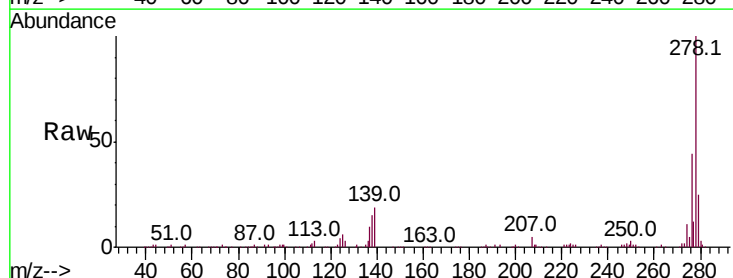
Tgt Ion:278 Resp: 284681

Ion Ratio Lower Upper

278 100

139 18.7 14.9 22.3

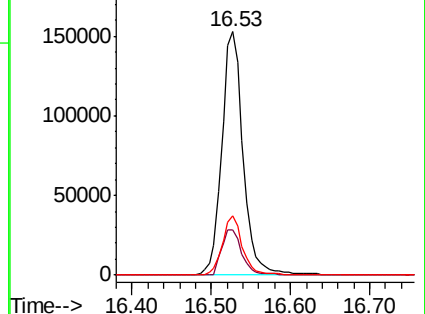
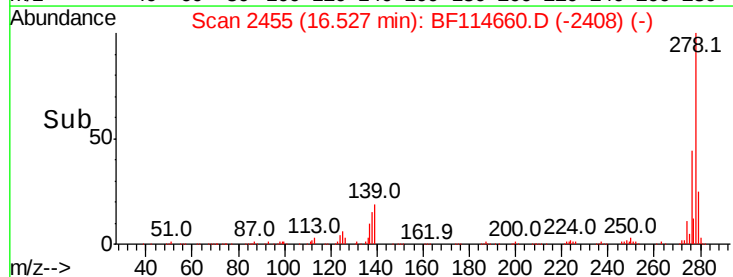
279 24.5 19.5 29.3

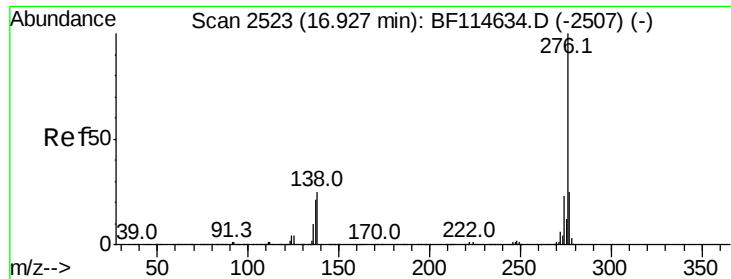


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

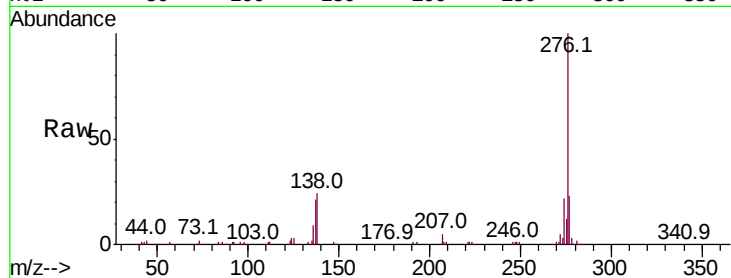




#92
 Benzo(a,h,i)perylene
 Concen: 5.052 ng
 RT: 16.90 min Scan# 2518
 Delta R.T. -0.03 min
 Lab File: BF114660.D
 Acq: 30 May 2019 14:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.7	29.5
138	23.8	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

