

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\
 Data File : BF114662.D
 Acq On : 30 May 2019 15:46
 Operator : HP/JU
 Sample : K2241-09
 Misc : MDL-WATER-8PPM
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 31 05:44:11 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	413857	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1554842	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	780546	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	1480539	20.00	ng	0.00
76) Chrysene-d12	13.81	240	1117835	20.00	ng	0.00
87) Perylene-d12	15.20	264	1129445	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	2991558	126.91	ng	0.01
7) Phenol-d6	6.33	99	3585422	126.22	ng	0.00
23) Nitrobenzene-d5	7.26	82	2198769	88.23	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	1054535	141.79	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	3713466	90.38	ng	0.00
79) Terphenyl-d14	12.78	244	3932221	66.14	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.38	88	58662	5.186	ng	98
3) Pyridine	3.13	79	137272	4.170	ng	95
4) n-Nitrosodimethylamine	2.98	42	56080	4.209	ng	# 94
6) Aniline	6.36	93	215464	5.022	ng	97
8) 2-Chlorophenol	6.47	128	142184	5.223	ng	89
10) Phenol	6.34	94	179933	5.244	ng	93
11) bis(2-Chloroethyl)ether	6.43	93	135517	5.163	ng	95
12) 1,3-Dichlorobenzene	6.63	146	163479	5.271	ng	99
13) 1,4-Dichlorobenzene	6.71	146	166548	5.353	ng	98
14) 1,2-Dichlorobenzene	6.86	146	155169	5.478	ng	96
15) Benzyl Alcohol	6.83	79	146893	6.574	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	192591	4.784	ng	97
17) 2-Methylphenol	6.94	107	115034	4.996	ng	97
18) Hexachloroethane	7.21	117	56731	4.816	ng	90
19) n-Nitroso-di-n-propylamine	7.10	70	99962	5.098	ng	97
20) 3+4-Methylphenols	7.10	107	150622	5.562	ng	92
22) Acetophenone	7.10	105	207170	6.253	ng	96
24) Nitrobenzene	7.27	77	152113	5.746	ng	97
25) Isophorone	7.51	82	267593	5.350	ng	100
26) 2-Nitrophenol	7.59	139	61468	4.770	ng	99
27) 2,4-Dimethylphenol	7.63	122	124692	5.818	ng	99
28) bis(2-Chloroethoxy)methane	7.73	93	170966	5.370	ng	98
29) 2,4-Dichlorophenol	7.82	162	117711	5.396	ng	96
30) 1,2,4-Trichlorobenzene	7.92	180	139003	5.593	ng	99
31) Naphthalene	7.99	128	446564	6.235	ng	96
32) Benzoic acid	7.68	122	45715	3.284	ng	97
33) 4-Chloroaniline	8.04	127	181202	5.311	ng	97
34) Hexachlorobutadiene	8.12	225	74366	5.386	ng	100
35) Caprolactam	8.36	113	35093	4.767	ng	98
36) 4-Chloro-3-methylphenol	8.52	107	117661	5.378	ng	97
37) 2-Methylnaphthalene	8.68	142	302735	6.362	ng	98
38) 1-Methylnaphthalene	8.78	142	285039	6.322	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	130325	6.270	ng	99
41) Hexachlorocyclopentadiene	8.85	237	74388	5.415	ng	99

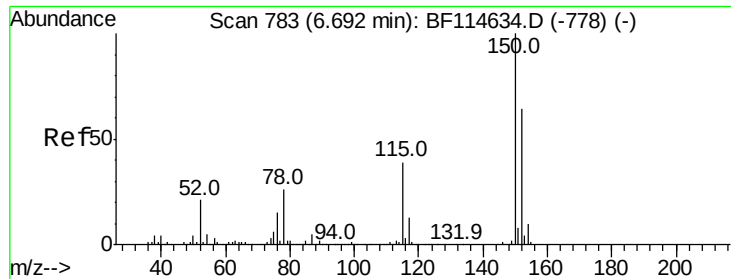
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\
 Data File : BF114662.D
 Acq On : 30 May 2019 15:46
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 19:08:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	8.96	196	84422	5.162	ng	99
44) 2,4,5-Trichlorophenol	8.99	196	87248	5.346	ng	97
46) 1,1'-Biphenyl	9.15	154	368812	6.365	ng	96
47) 2-Chloronaphthalene	9.17	162	280979	5.912	ng	96
48) 2-Nitroaniline	9.25	65	66782	4.553	ng	95
49) Acenaphthylene	9.57	152	447907	6.100	ng	97
50) Dimethylphthalate	9.44	163	318067	5.848	ng	99
51) 2,6-Dinitrotoluene	9.50	165	65332	5.169	ng	95
52) Acenaphthene	9.75	154	271239	6.023	ng	98
53) 3-Nitroaniline	9.66	138	74492	4.816	ng	96
54) 2,4-Dinitrophenol	9.76	184	12420	2.491	ng	# 66
55) Dibenzofuran	9.92	168	394088	6.148	ng	94
56) 4-Nitrophenol	9.81	139	49980	4.360	ng	91
57) 2,4-Dinitrotoluene	9.89	165	80651	4.972	ng	93
58) Fluorene	10.26	166	305163	2.477	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.03	232	71188	5.329	ng	97
60) Diethylphthalate	10.15	149	314461	5.661	ng	99
61) 4-Chlorophenyl-phenylether	10.26	204	149750	2.723	ng	99
62) 4-Nitroaniline	10.26	138	68588	4.551	ng	98
63) Azobenzene	10.42	77	288164	5.650	ng	97
65) 4,6-Dinitro-2-methylphenol	10.30	198	22368	3.407	ng	89
66) n-Nitrosodiphenylamine	10.37	169	262079	5.991	ng	99
67) 4-Bromophenyl-phenylether	10.75	248	89347	5.628	ng	98
68) Hexachlorobenzene	10.81	284	98180	5.709	ng	92
69) Atrazine	10.89	200	77281	4.446	ng	97
70) Pentachlorophenol	11.00	266	43844	4.423	ng	97
71) Phenanthrene	11.22	178	456640	6.046	ng	96
72) Anthracene	11.26	178	463958	6.070	ng	97
73) Carbazole	11.42	167	401642	5.979	ng	95
74) Di-n-butylphthalate	11.76	149	488052	2.576	ng	96
75) Fluoranthene	12.39	202	456030	5.831	ng	95
77) Benzidine	12.52	184	218345	4.743	ng	99
78) Pyrene	12.62	202	473480	5.007	ng	96
80) Butylbenzylphthalate	13.25	149	182786	3.846	ng	98
81) Benzo(a)anthracene	13.80	228	414381	4.824	ng	97
82) 3,3'-Dichlorobenzidine	13.77	252	144175	4.346	ng	97
83) Chrysene	13.83	228	408531	4.978	ng	96
84) Bis(2-ethylhexyl)phthalate	13.82	149	264369	4.500	ng	97
85) Di-n-octyl phthalate	14.42	149	426483	4.178	ng	97
86) Indeno(1,2,3-cd)pyrene	16.50	276	342975	4.172	ng	98
88) Benzo(b)fluoranthene	14.80	252	365751	5.142	ng	98
89) Benzo(k)fluoranthene	14.83	252	392654	6.351	ng	96
90) Benzo(a)pyrene	15.14	252	348295	5.573	ng	99
91) Dibenzo(a,h)anthracene	16.53	278	287372	5.204	ng	98
92) Benzo(g,h,i)perylene	16.90	276	274171	5.115	ng	97

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

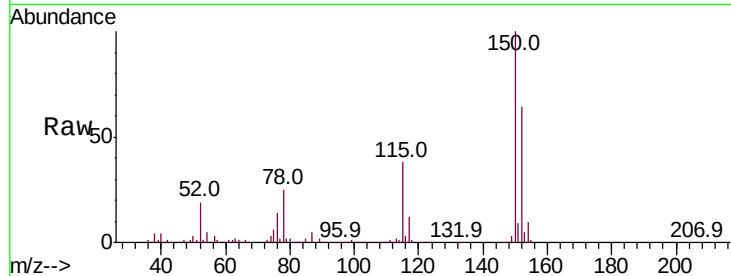


#1

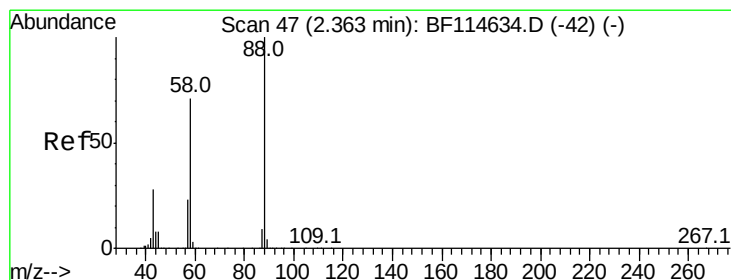
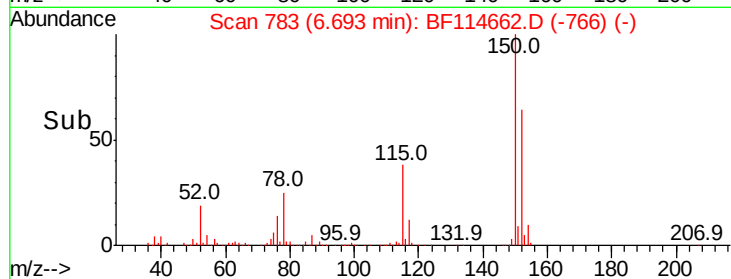
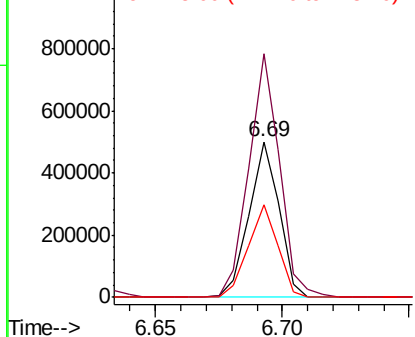
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF114662.D
Acq: 30 May 2019 15:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 413857
Ion Ratio Lower Upper
152 100
150 156.6 124.4 186.6
115 59.3 48.7 73.1



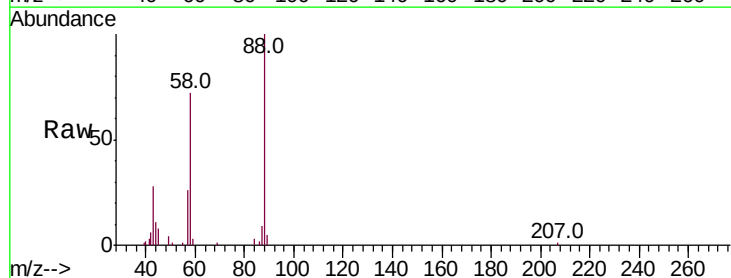
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



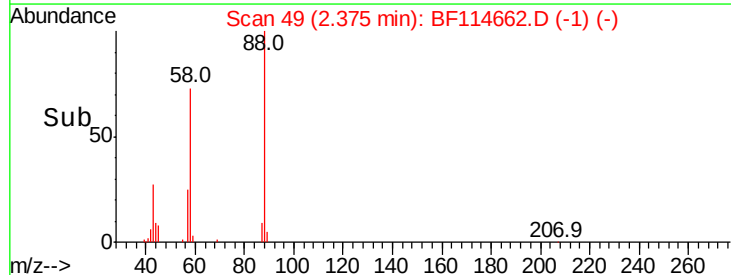
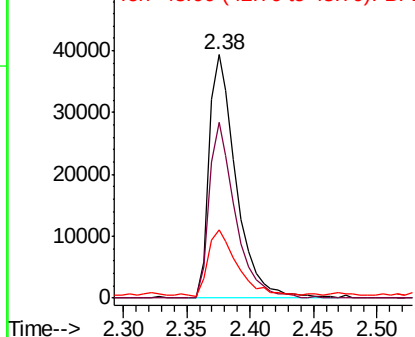
#2

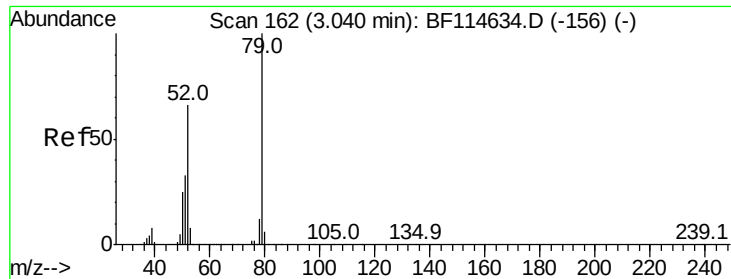
1,4-Dioxane
Concen: 5.186 ng
RT: 2.38 min Scan# 49
Delta R.T. 0.01 min
Lab File: BF114662.D
Acq: 30 May 2019 15:46

Tgt Ion: 88 Resp: 58662
Ion Ratio Lower Upper
88 100
58 69.5 57.2 85.8
43 28.6 22.6 33.8



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





#3

Pvridine

Concen: 4.170 ng

RT: 3.13 min Scan# 177

Delta R.T. 0.09 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

Instrument :

BNA_F

ClientSampleId :

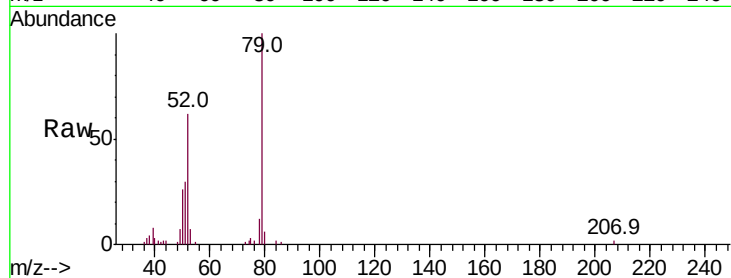
Tot Ion: 79 Resp: 137272

Ion Ratio Lower Upper

79 100

52 61.9 52.8 79.2

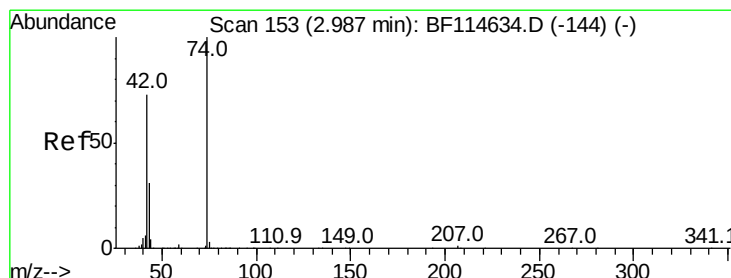
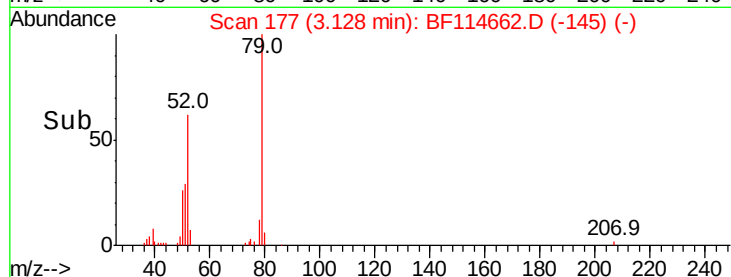
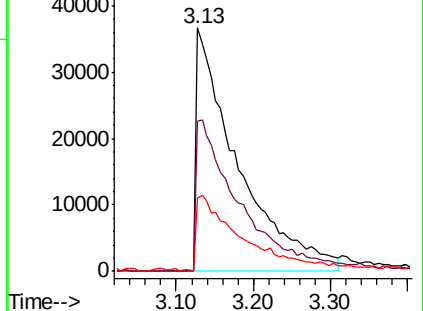
51 30.3 26.3 39.5



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 4.209 ng

RT: 2.98 min Scan# 152

Delta R.T. -0.01 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

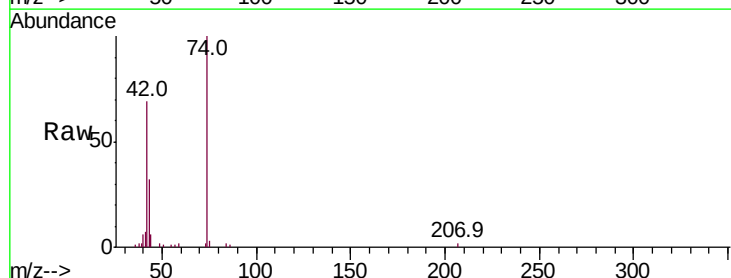
Tgt Ion: 42 Resp: 56080

Ion Ratio Lower Upper

42 100

74 144.2 110.0 165.0

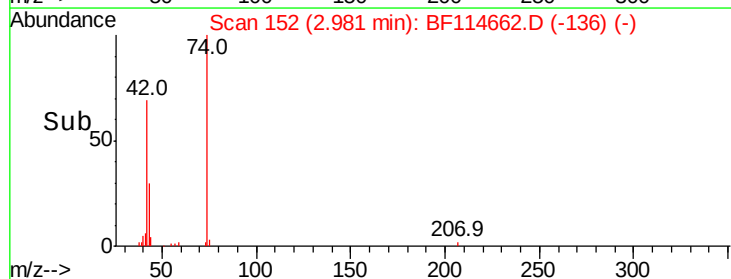
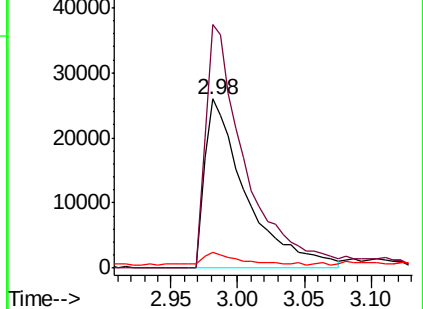
44 9.1 5.6 8.4#

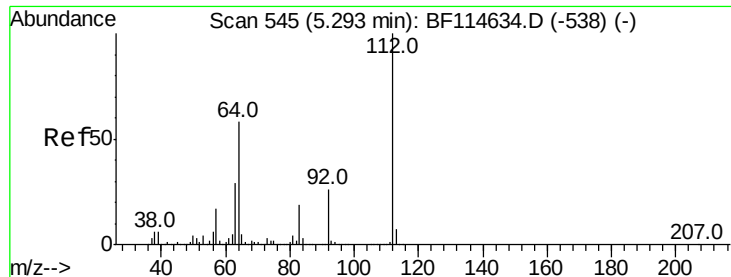


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 126.911 ng

RT: 5.30 min Scan# 547

Delta R.T. 0.01 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

Instrument :

BNA_F

ClientSampled :

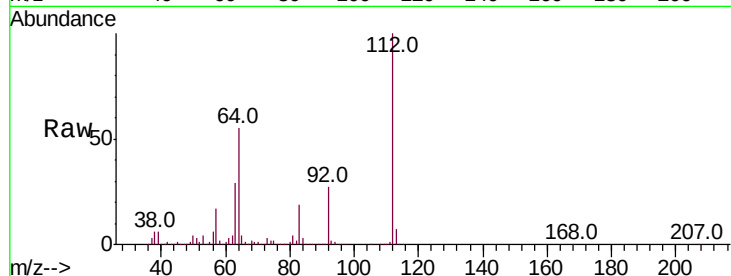
Tot Ion:112 Resp: 2991558

Ion Ratio Lower Upper

112 100

64 54.6 46.1 69.1

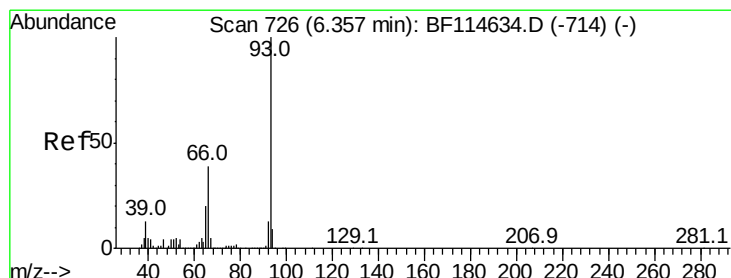
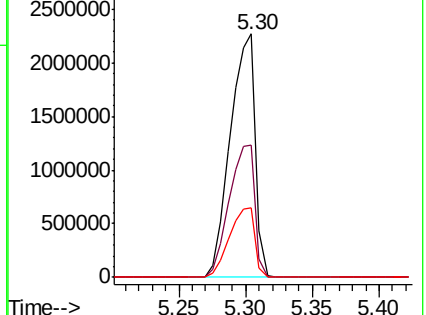
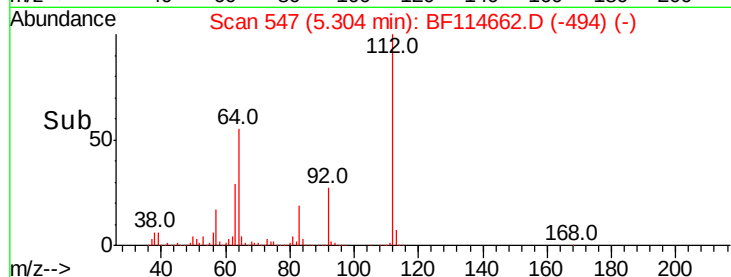
63 28.8 23.4 35.2



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 5.022 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

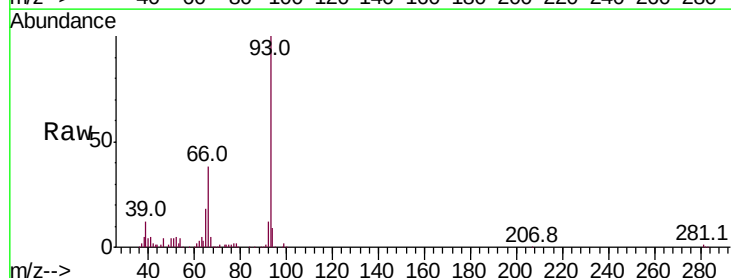
Tgt Ion: 93 Resp: 215464

Ion Ratio Lower Upper

93 100

66 38.1 31.4 47.2

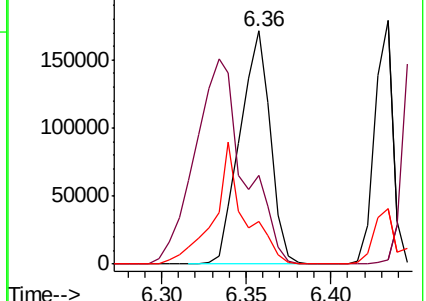
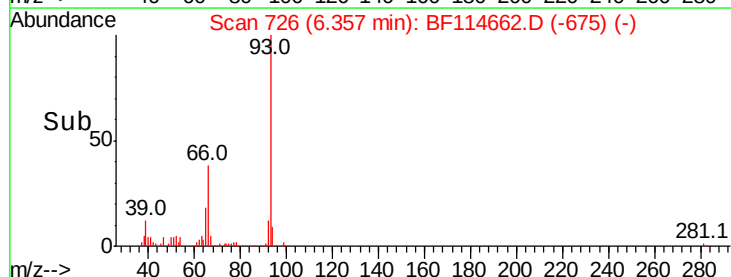
65 18.3 16.2 24.2

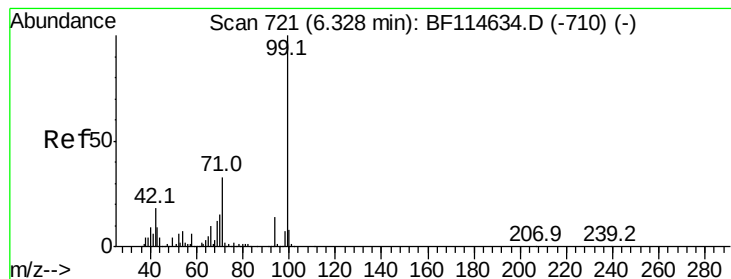


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 126.224 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

Instrument :

BNA_F

ClientSampleId :

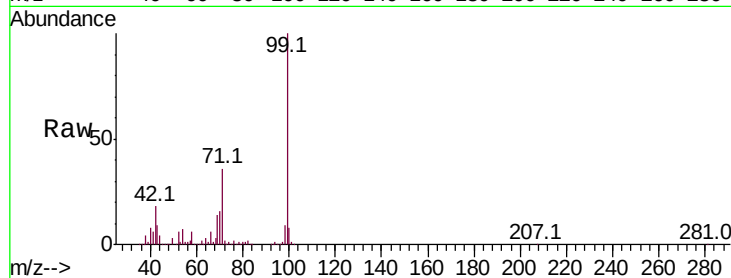
Tot Ion: 99 Resp: 3585422

Ion Ratio Lower Upper

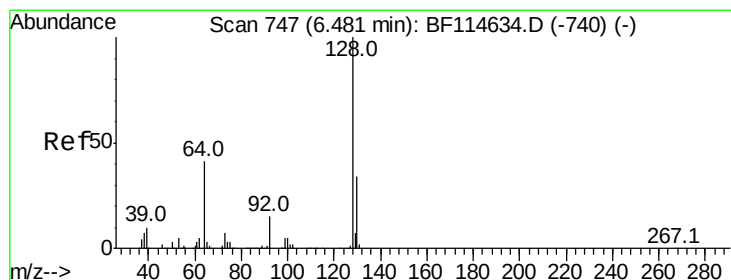
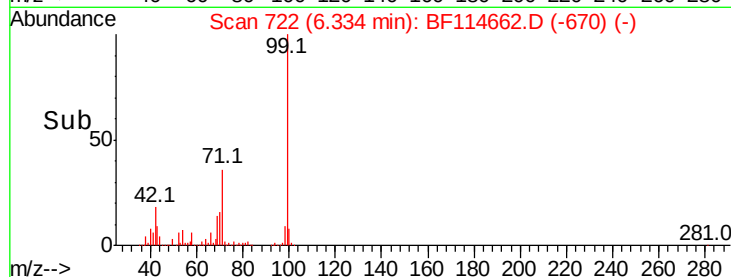
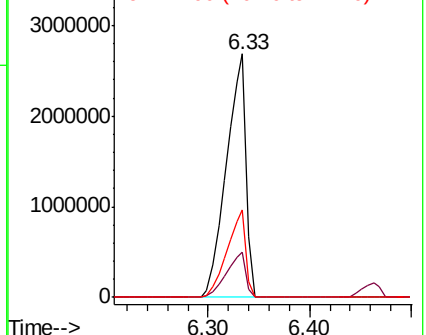
99 100

42 18.3 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: 5.223 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

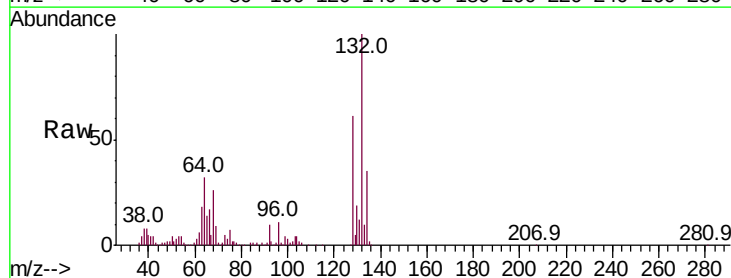
Tgt Ion: 128 Resp: 142184

Ion Ratio Lower Upper

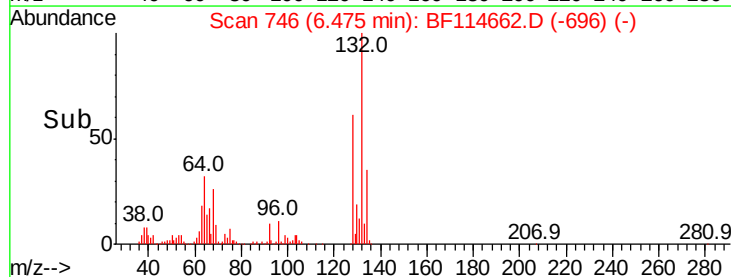
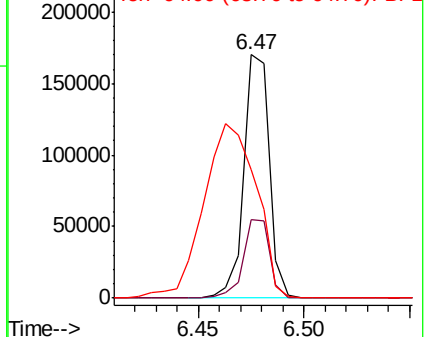
128 100

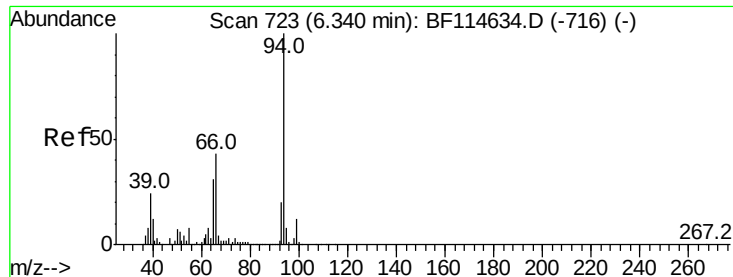
130 32.0 13.9 53.9

64 52.6 22.0 62.0



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

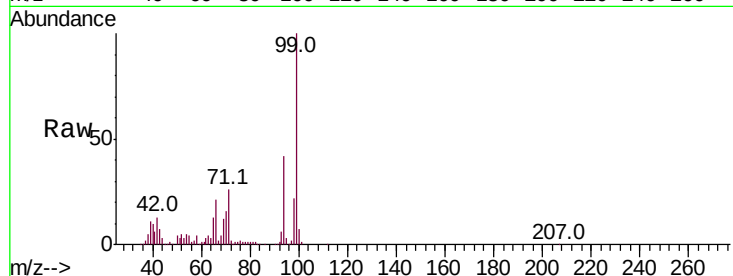




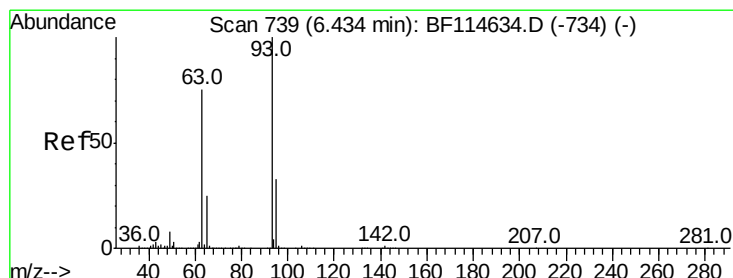
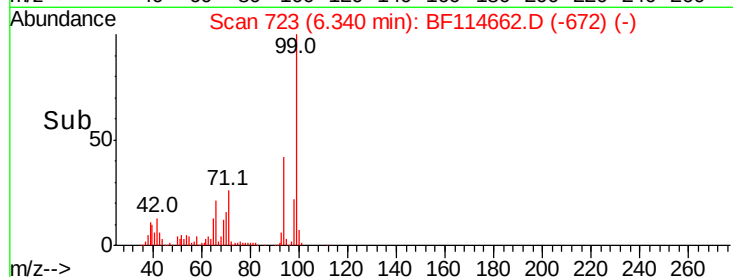
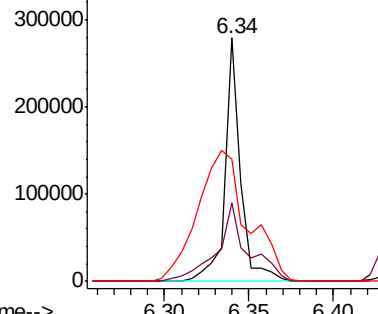
#10
Phenol
Concen: 5.244 ng
RT: 6.34 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF114662.D
Acq: 30 May 2019 15:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
94	100		
65	32.2	11.0	51.0
66	50.2	23.0	63.0

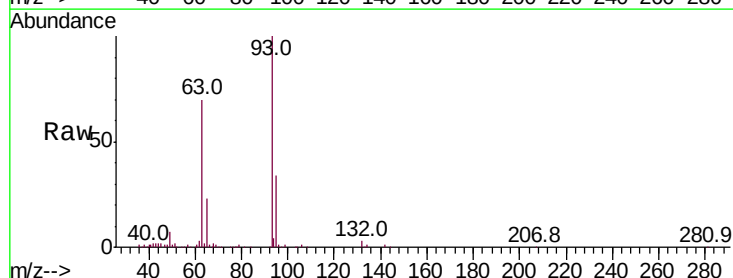


Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

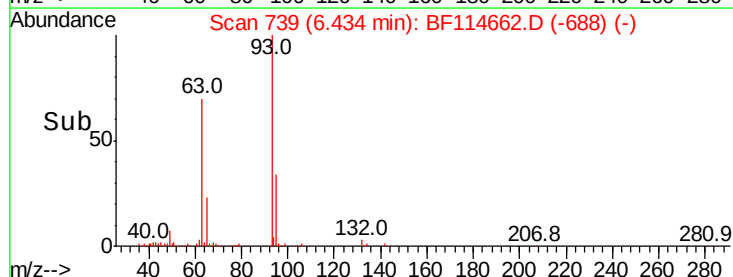
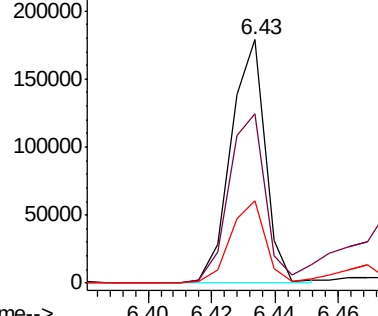


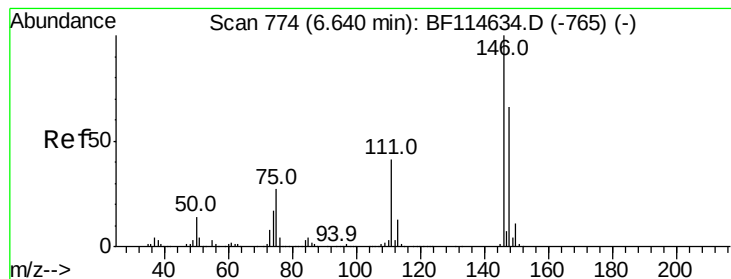
#11
bis(2-Chloroethyl)ether
Concen: 5.163 ng
RT: 6.43 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF114662.D
Acq: 30 May 2019 15:46

Tgt Ion	Ratio	Lower	Upper
93	100		
63	69.7	55.0	95.0
95	33.9	13.5	53.5



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





#12

1,3-Dichlorobenzene

Concen: 5.271 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

Instrument :

BNA_F

ClientSampled :

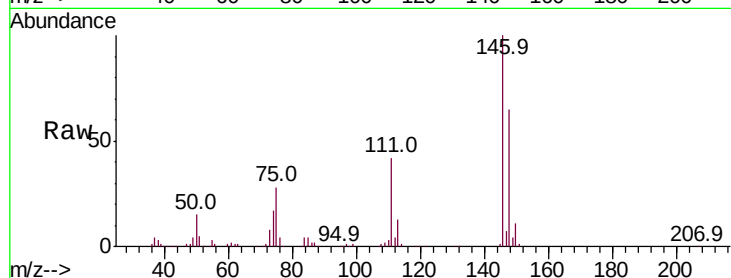
Tot Ion:146 Resp: 163479

Ion Ratio Lower Upper

146 100

148 65.3 52.9 79.3

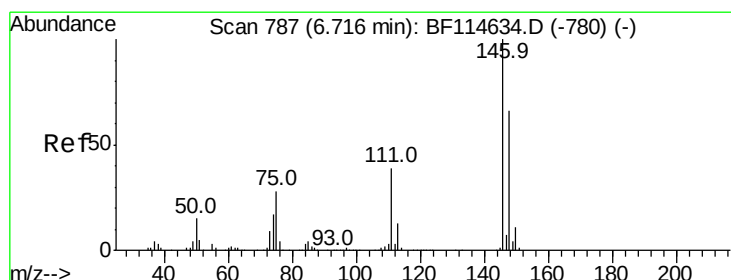
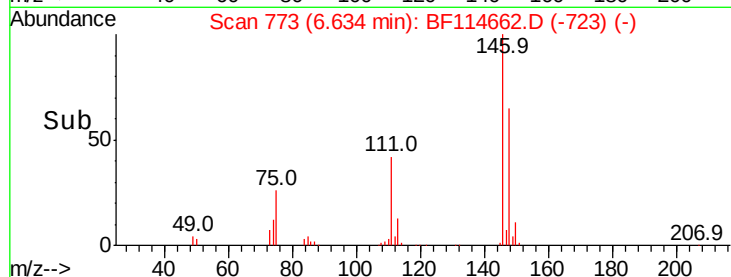
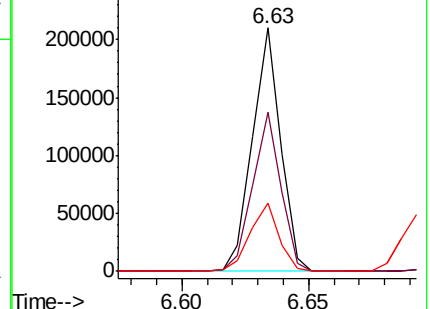
75 28.0 22.0 33.0



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: 5.353 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.01 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

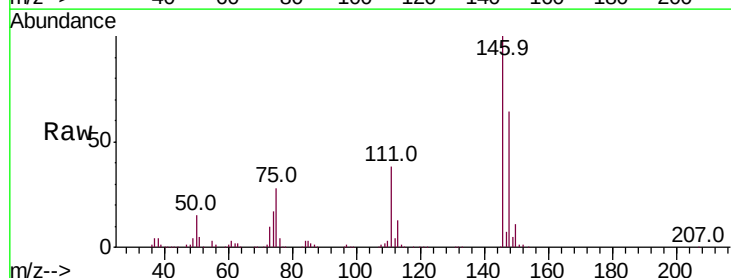
Tgt Ion:146 Resp: 166548

Ion Ratio Lower Upper

146 100

148 64.0 52.5 78.7

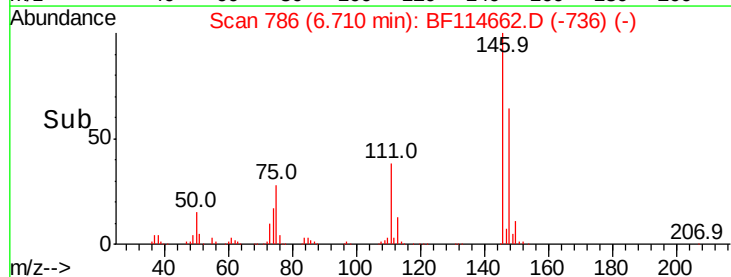
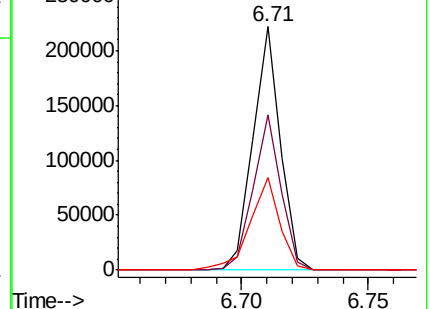
111 38.1 31.4 47.2

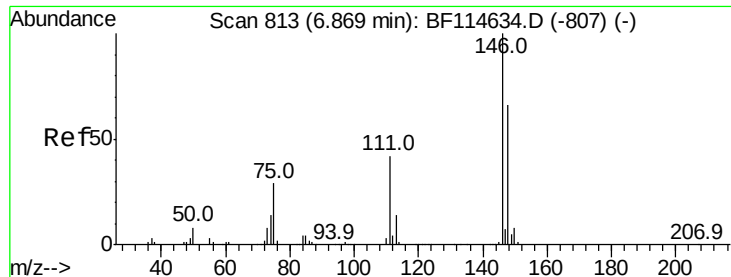


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 5.478 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

Instrument :

BNA_F

ClientSampled :

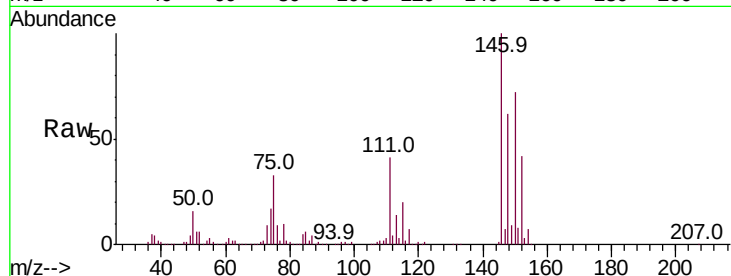
Tot Ion:146 Resp: 155169

Ion Ratio Lower Upper

146 100

148 61.8 52.6 79.0

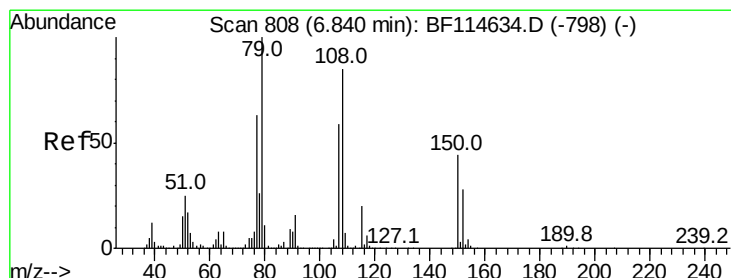
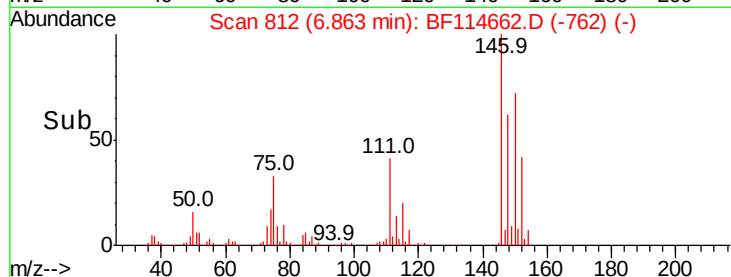
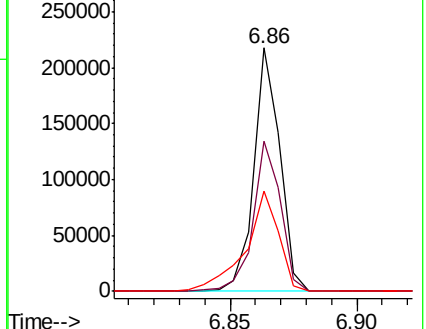
111 41.3 34.1 51.1



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: 6.574 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

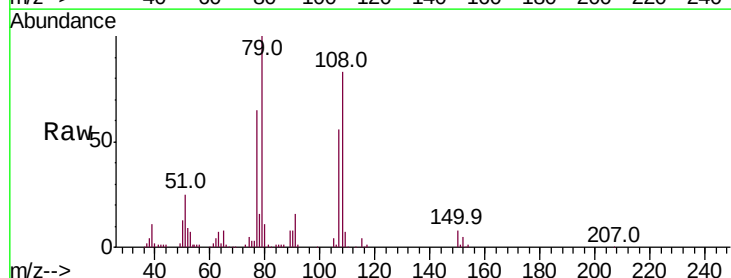
Tgt Ion: 79 Resp: 146893

Ion Ratio Lower Upper

79 100

108 83.2 67.8 101.8

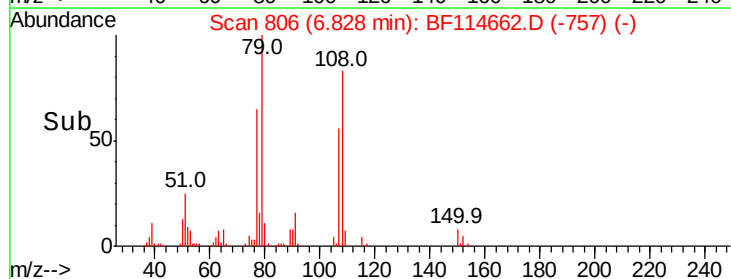
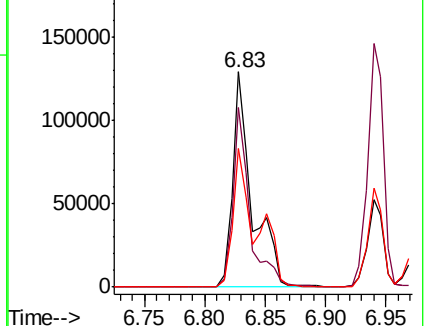
77 64.5 50.7 76.1

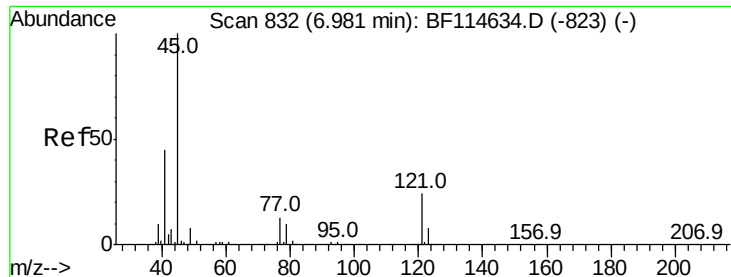


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

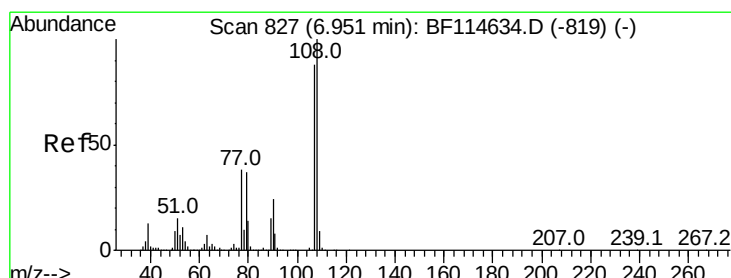
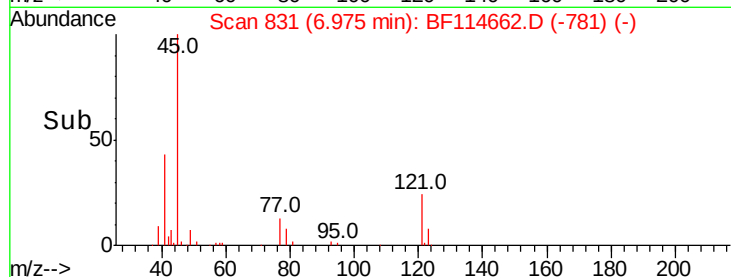
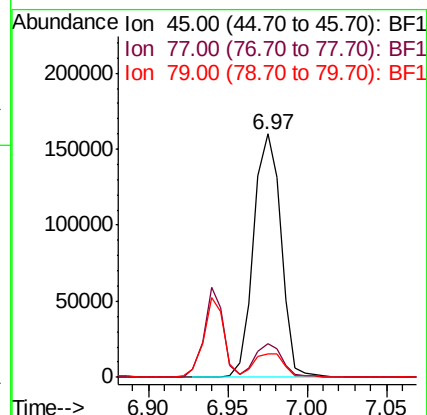
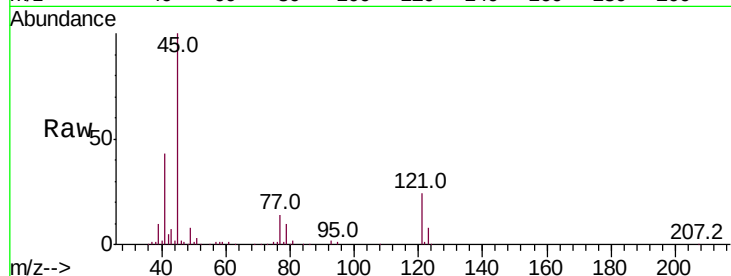




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 4.784 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF114662.D
Acq: 30 May 2019 15:46

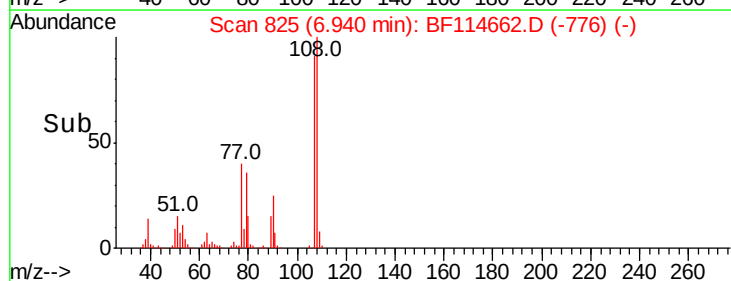
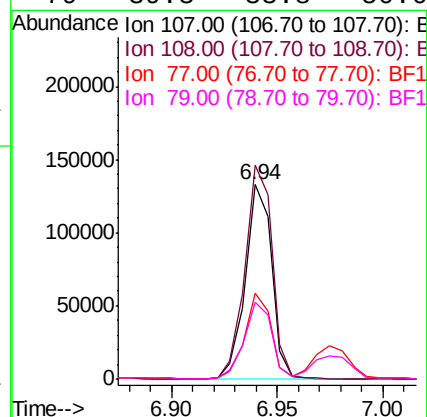
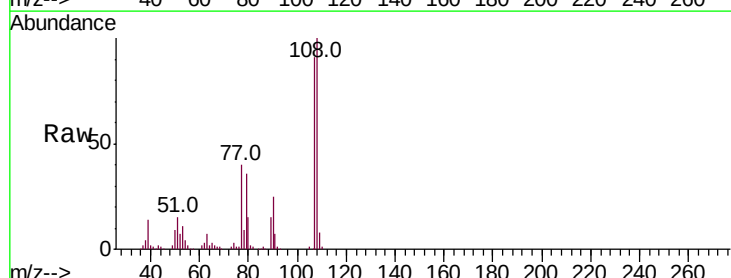
Instrument :
BNA_F
ClientSampleId :

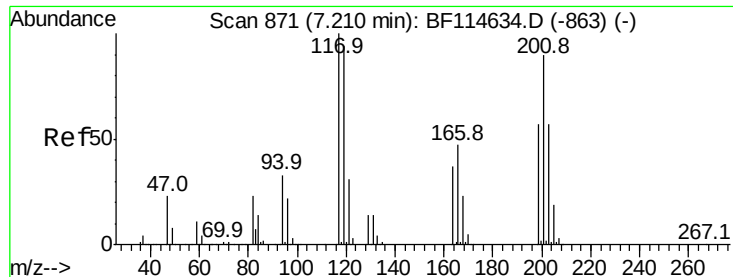
Tot Ion: 45 Resp: 192591
Ion Ratio Lower Upper
45 100
77 14.1 0.0 34.7
79 9.8 0.0 31.3



#17
2-Methylphenol
Concen: 4.996 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF114662.D
Acq: 30 May 2019 15:46

Tgt Ion:107 Resp: 115034
Ion Ratio Lower Upper
107 100
108 109.9 91.1 136.7
77 44.4 34.9 52.3
79 39.3 33.8 50.6

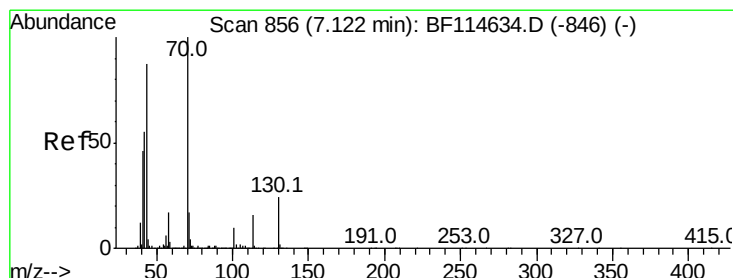
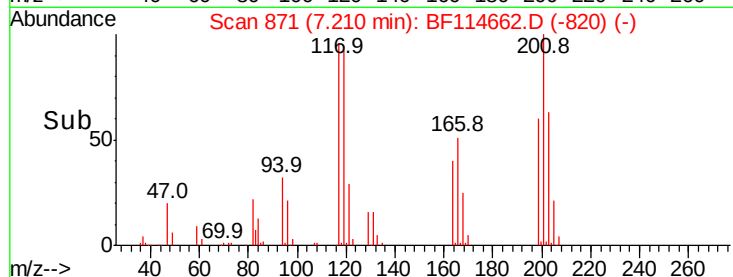
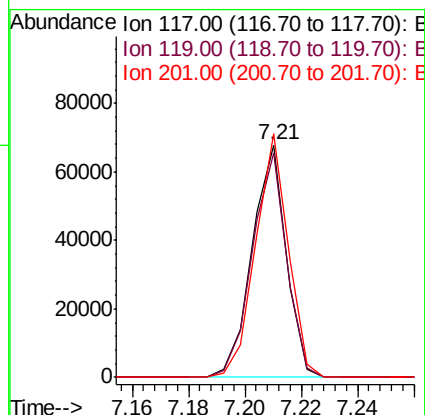
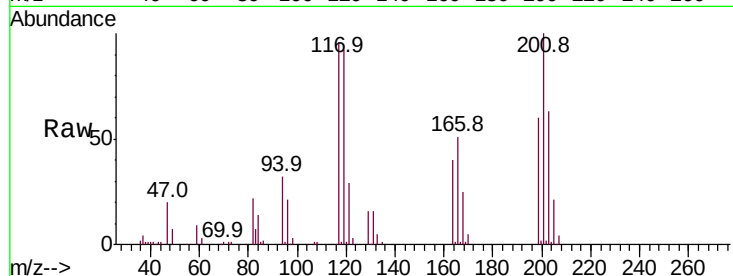




#18
Hexachloroethane
Concen: 4.816 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF114662.D
Acq: 30 May 2019 15:46

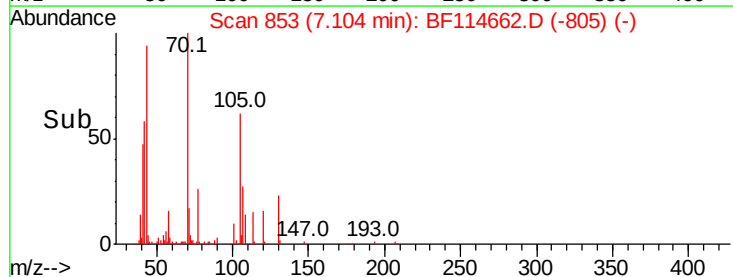
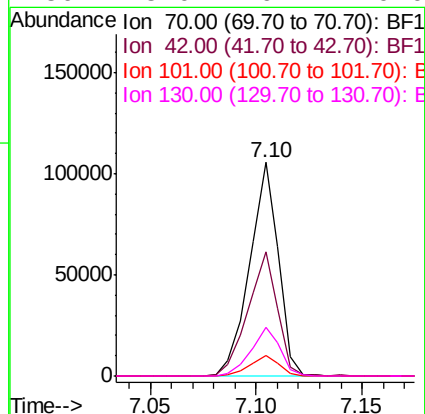
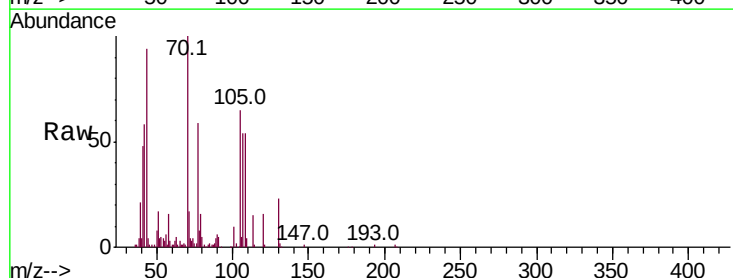
Instrument :
BNA_F
ClientSampled :

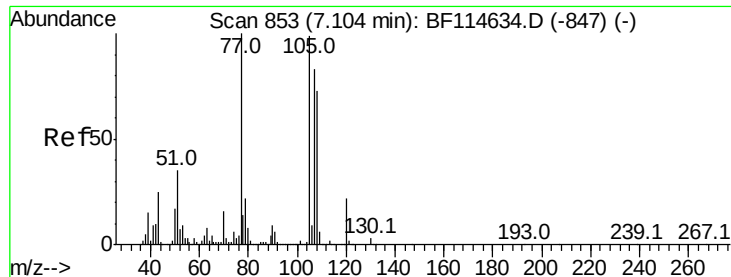
Tot Ion:117 Resp: 56731
Ion Ratio Lower Upper
117 100
119 96.2 75.6 113.4
201 107.0 71.7 107.5



#19
n-Nitroso-di-n-propylamine
Concen: 5.098 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.02 min
Lab File: BF114662.D
Acq: 30 May 2019 15:46

Tgt Ion: 70 Resp: 99962
Ion Ratio Lower Upper
70 100
42 58.4 44.4 66.6
101 9.6 8.2 12.4
130 23.0 19.4 29.0

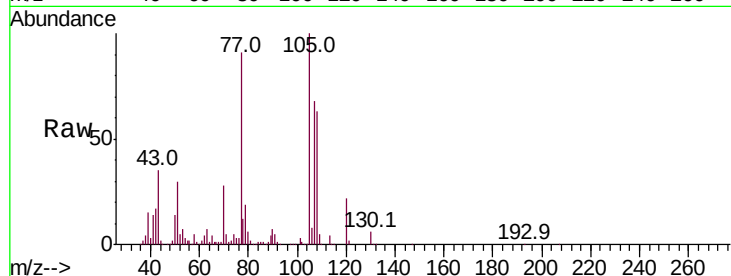




#20
3+4-Methylphenols
Concen: 5.562 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF114662.D
Acq: 30 May 2019 15:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	150622
Ion	Ratio	Lower	Upper
107	100		
108	93.3	68.6	108.6
77	133.4	100.5	140.5
79	28.3	7.0	47.0



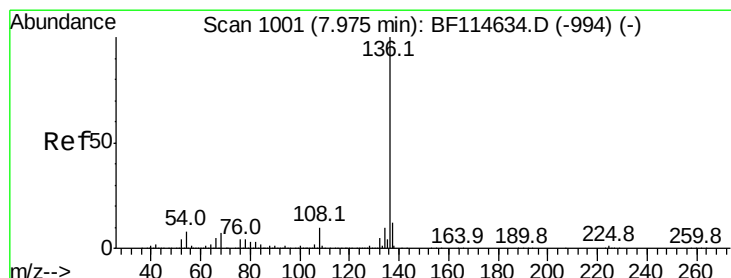
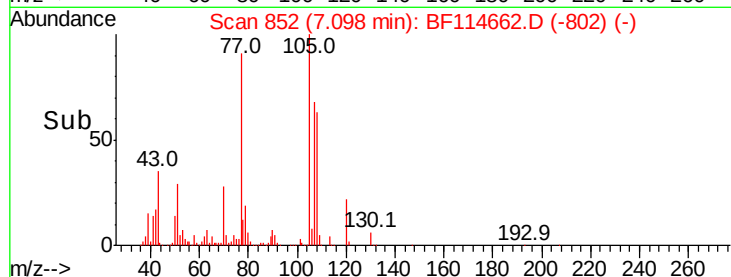
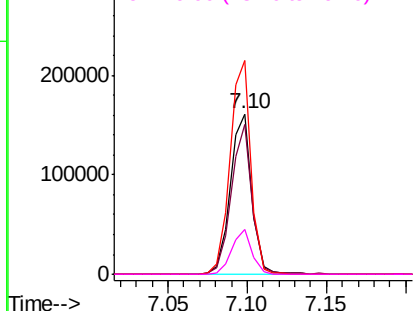
Abundance

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: BF114662.D
Acq: 30 May 2019 15:46

Tgt Ion:	136	Resp:	1554842
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.3	13.9
54	6.6	6.3	9.5
68	5.7	5.4	8.0

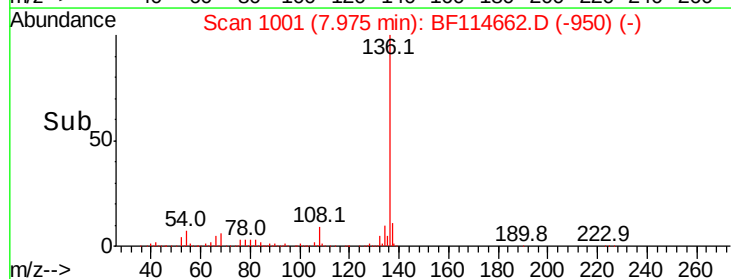
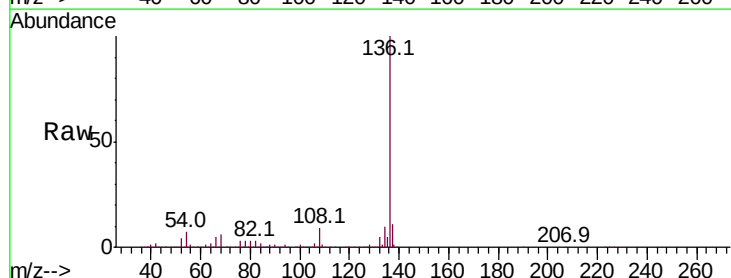
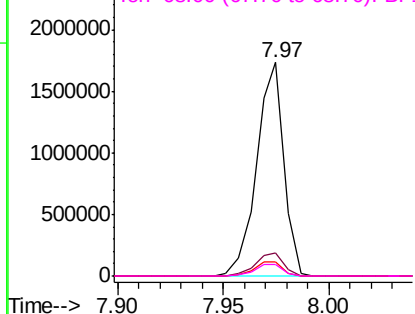
Abundance

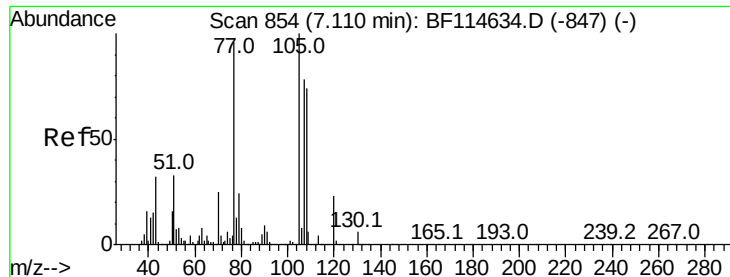
Ion 136.00 (135.70 to 136.70): E

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: 6.253 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion:105 Resp: 207170

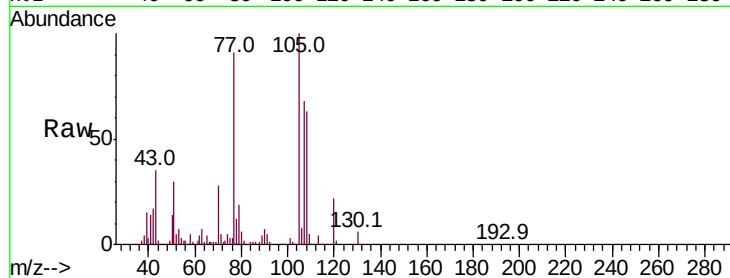
Ion Ratio Lower Upper

105 100

71 4.7 3.6 5.4

51 29.6 26.0 39.0

120 22.5 18.8 28.2

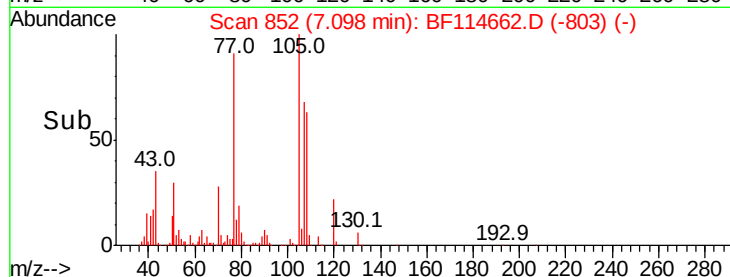
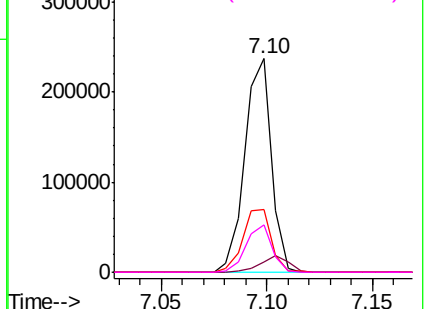


Abundance Ion 105.00 (104.70 to 105.70): E

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: 88.227 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.00 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

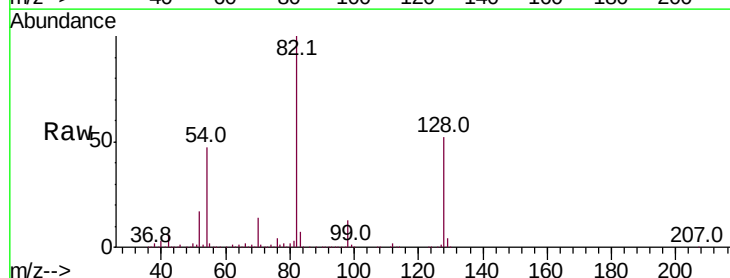
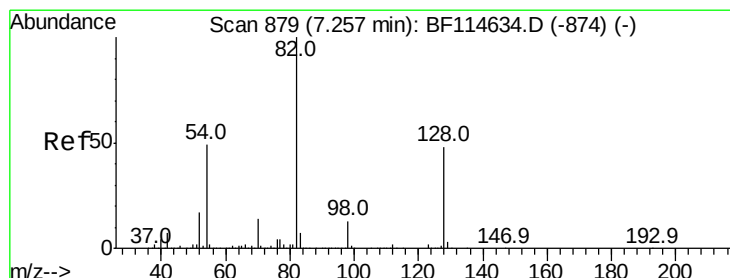
Tgt Ion: 82 Resp: 2198769

Ion Ratio Lower Upper

82 100

128 52.5 38.5 57.7

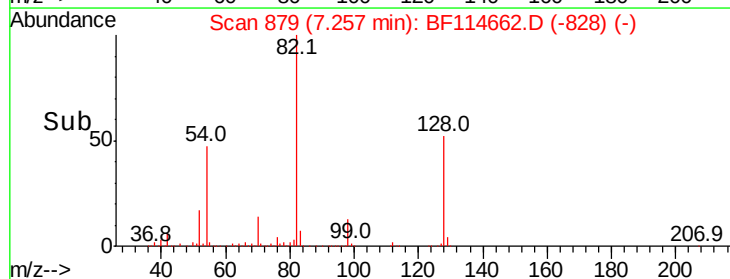
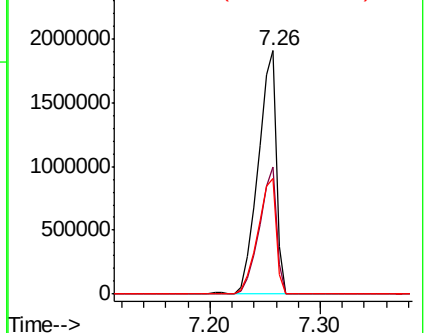
54 47.4 39.1 58.7

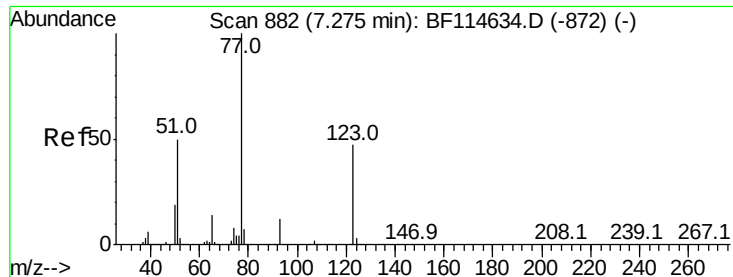


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

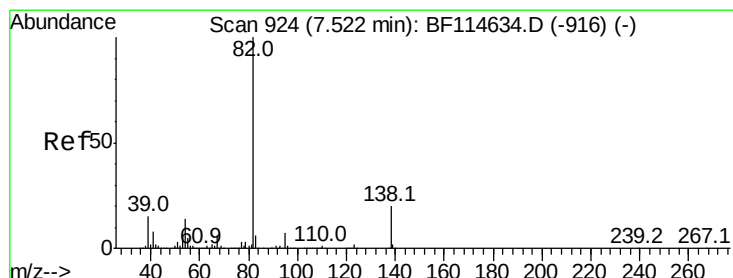
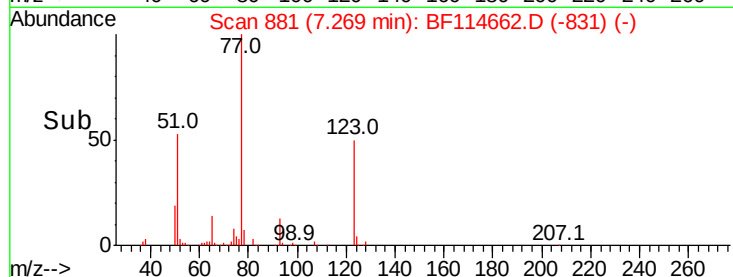
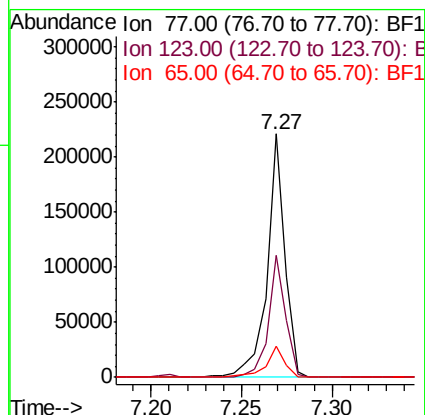
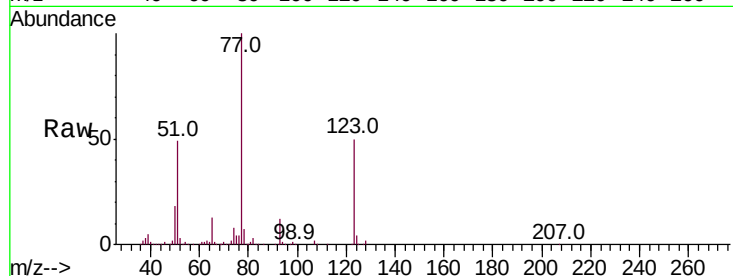




#24
 Nitrobenzene
 Concen: 5.746 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF114662.D
 Acq: 30 May 2019 15:46

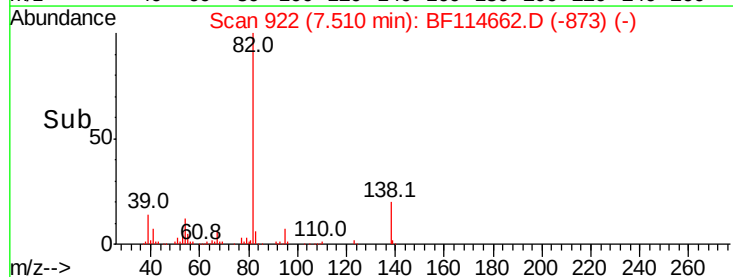
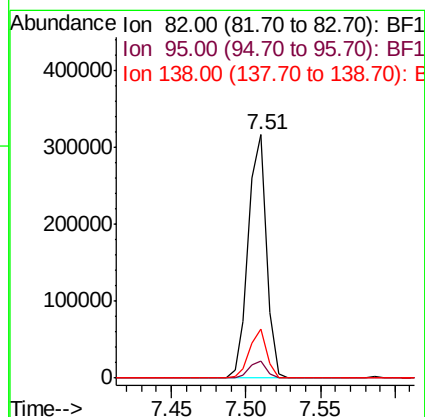
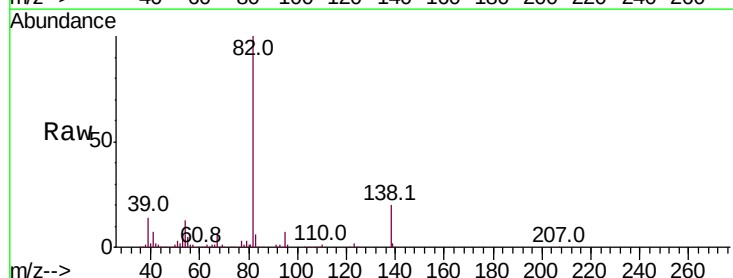
Instrument :
 BNA_F
 ClientSampled :

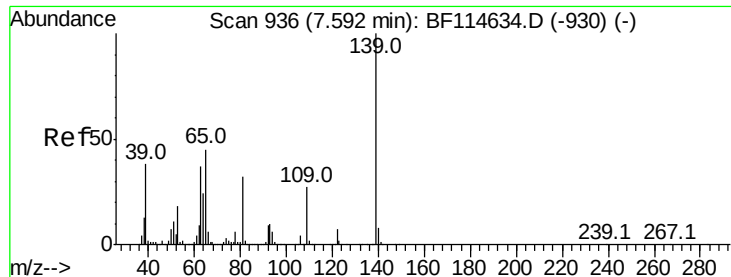
Tot Ion: 77 Resp: 152113
 Ion Ratio Lower Upper
 77 100
 123 50.0 38.5 57.7
 65 12.6 11.2 16.8



#25
 Isophorone
 Concen: 5.350 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BF114662.D
 Acq: 30 May 2019 15:46

Tgt Ion: 82 Resp: 267593
 Ion Ratio Lower Upper
 82 100
 95 6.8 5.6 8.4
 138 19.9 15.9 23.9





#26

2-Nitrophenol

Concen: 4.770 ng

RT: 7.59 min Scan# 935

Delta R.T. -0.01 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

Instrument :

BNA_F

ClientSampleId :

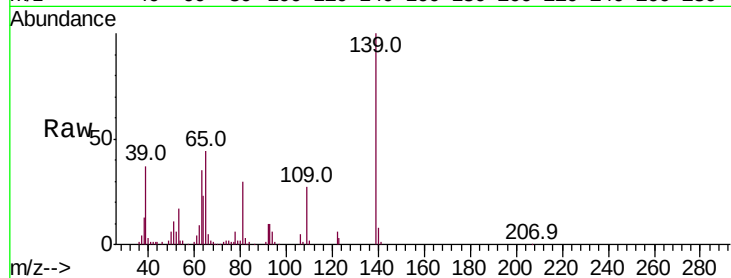
Tot Ion:139 Resp: 61468

Ion Ratio Lower Upper

139 100

109 26.9 21.7 32.5

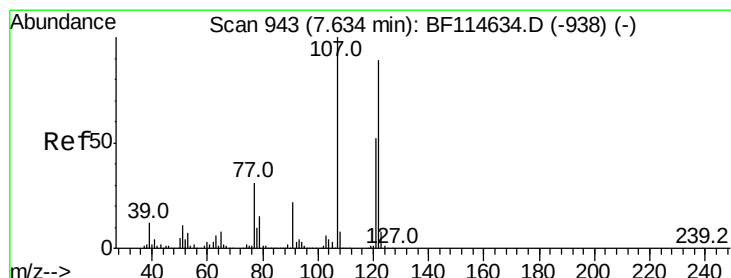
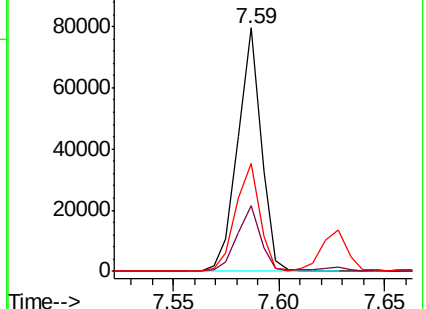
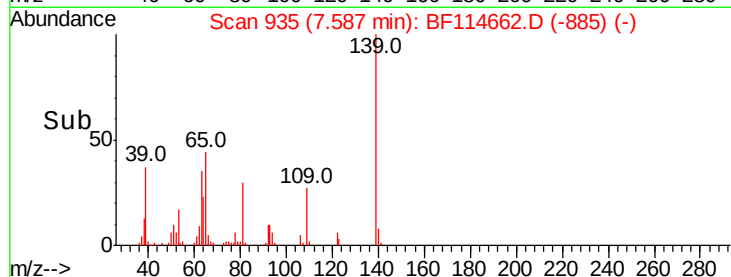
65 44.4 36.3 54.5



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: 5.818 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

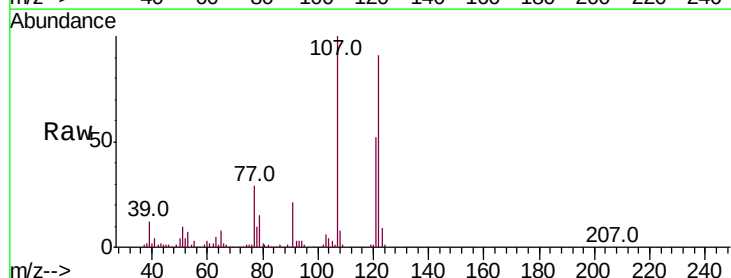
Tgt Ion:122 Resp: 124692

Ion Ratio Lower Upper

122 100

107 110.5 89.3 133.9

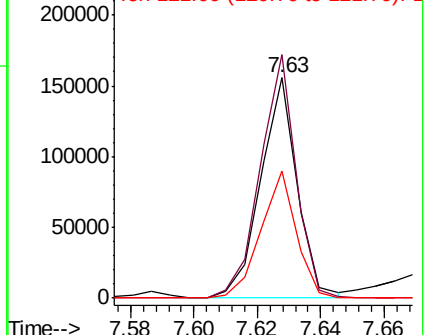
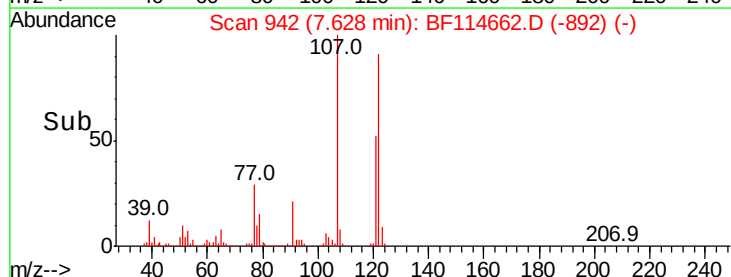
121 57.4 46.8 70.2

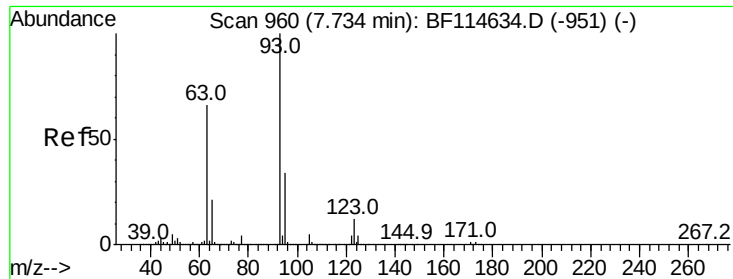


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

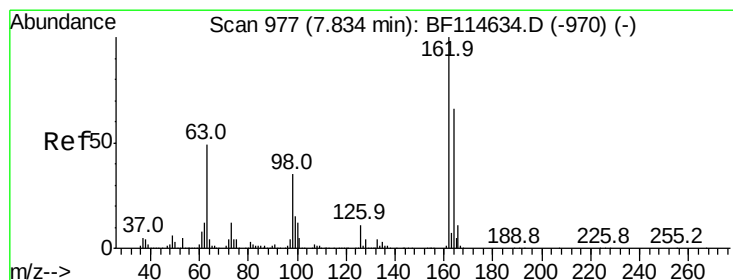
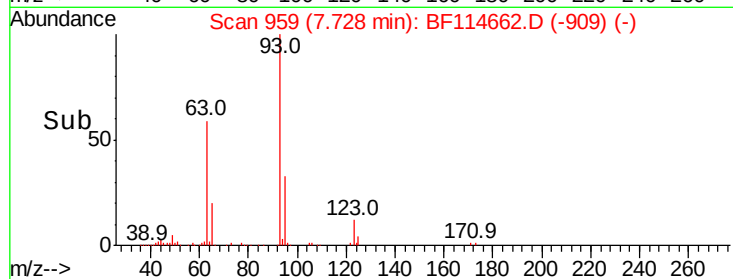
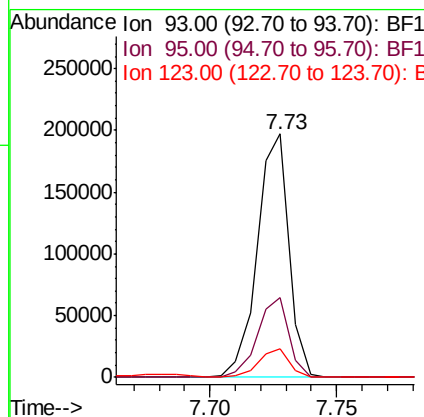
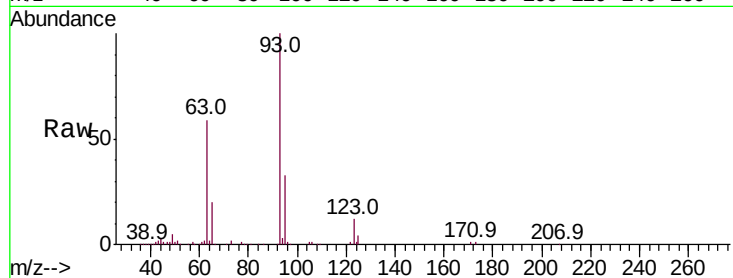




#28
bis(2-Chloroethoxy)methane
Concen: 5.370 ng
RT: 7.73 min Scan# 959
Delta R.T. -0.01 min
Lab File: BF114662.D
Acq: 30 May 2019 15:46

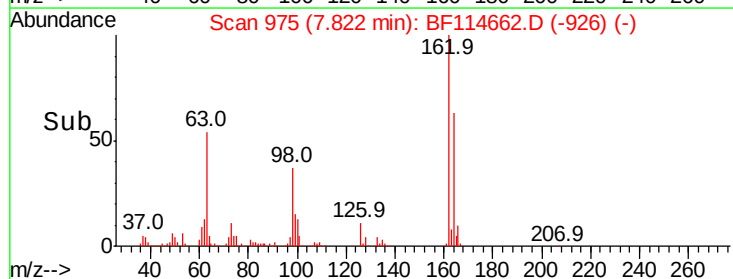
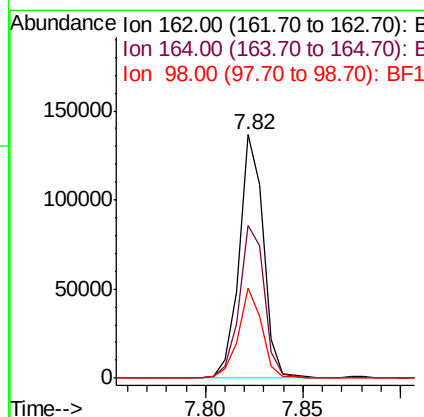
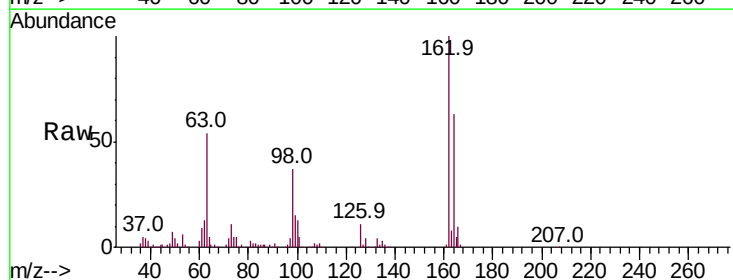
Instrument :
BNA_F
ClientSampleId :

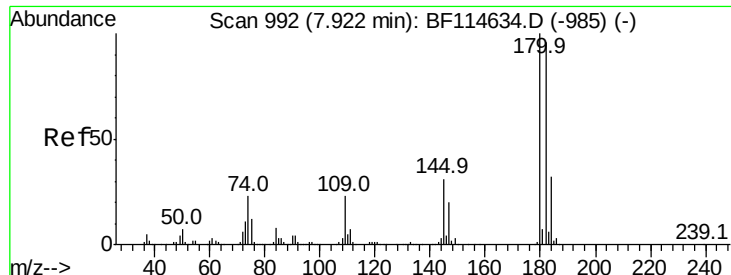
Tot Ion	Ratio	Lower	Upper
93	100		
95	32.8	27.0	40.4
123	11.9	10.2	15.2



#29
2,4-Dichlorophenol
Concen: 5.396 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BF114662.D
Acq: 30 May 2019 15:46

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.6	45.8	85.8
98	37.1	14.9	54.9

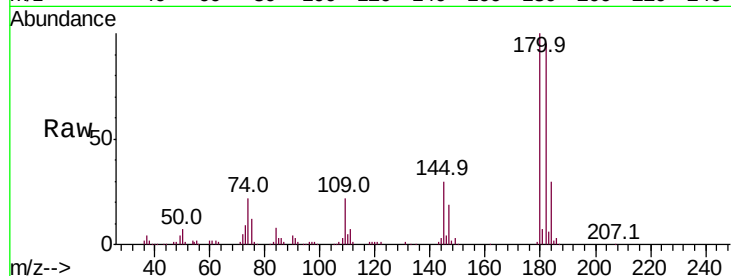




#30
 1,2,4-Trichlorobenzene
 Concen: 5.593 ng
 RT: 7.92 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: BF114662.D
 Acq: 30 May 2019 15:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.9	115.3
145	29.8	24.5	36.7

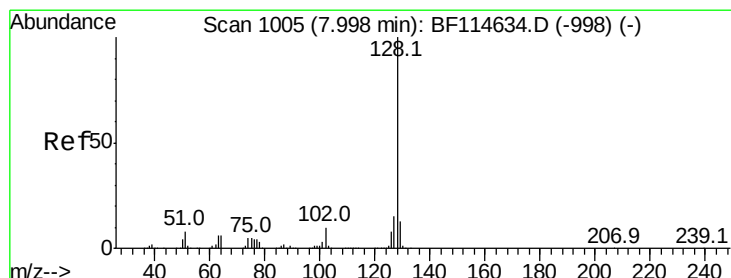
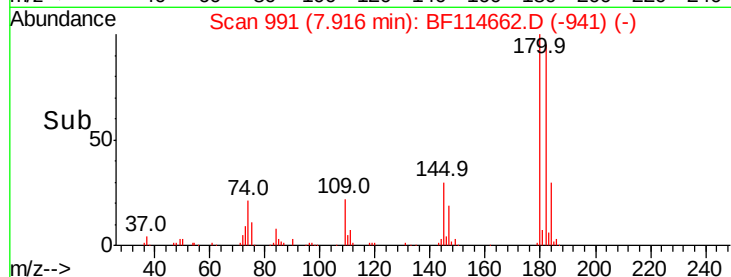
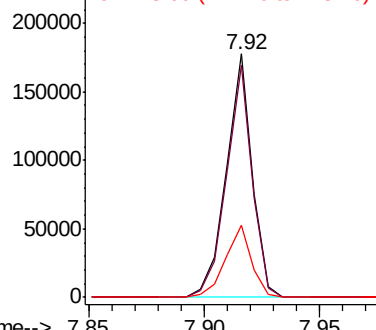


Abundance

Ion 180.00 (179.70 to 180.70): E

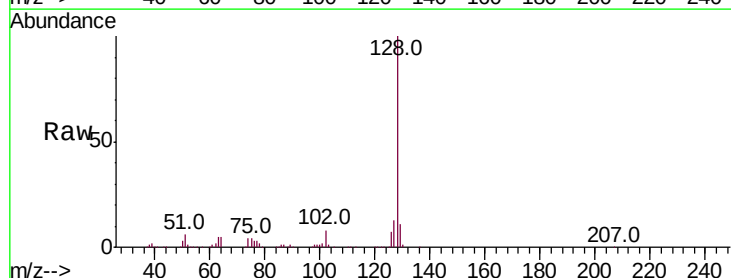
Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E



#31
 Naphthalene
 Concen: 6.235 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. -0.01 min
 Lab File: BF114662.D
 Acq: 30 May 2019 15:46

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.1	10.2	15.2
127	13.2	11.9	17.9

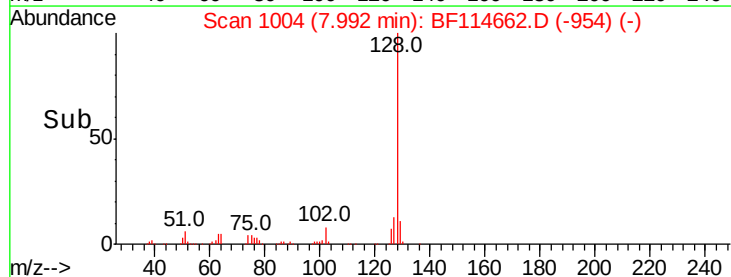
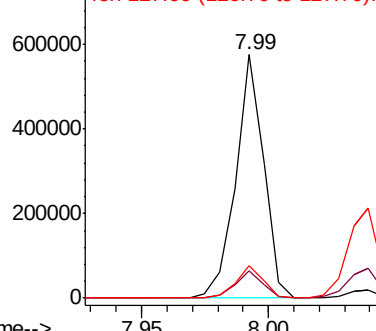


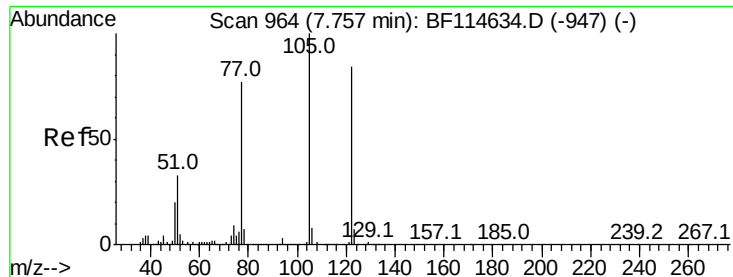
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 3.284 ng

RT: 7.68 min Scan# 951

Delta R.T. -0.08 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

Instrument :

BNA_F

ClientSampleId :

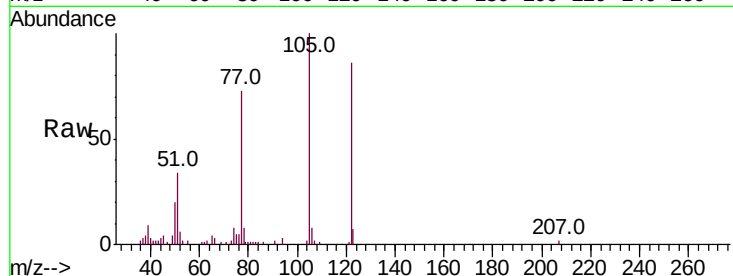
Tot Ion:122 Resp: 45715

Ion Ratio Lower Upper

122 100

105 116.6 98.3 138.3

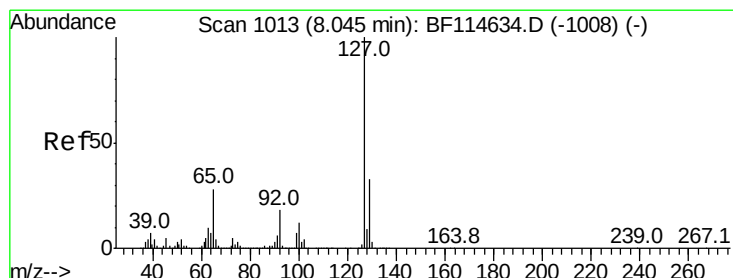
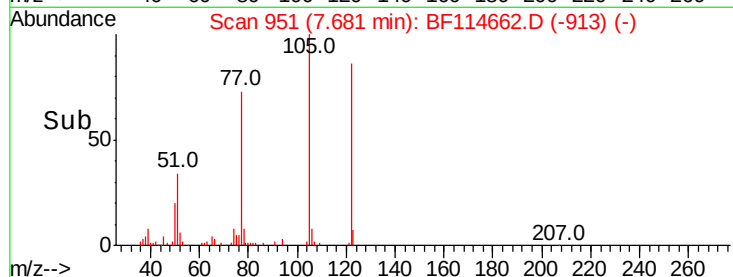
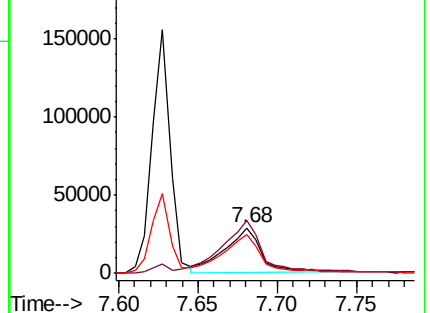
77 85.3 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#33

4-Chloroaniline

Concen: 5.311 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

Tgt Ion:127 Resp: 181202

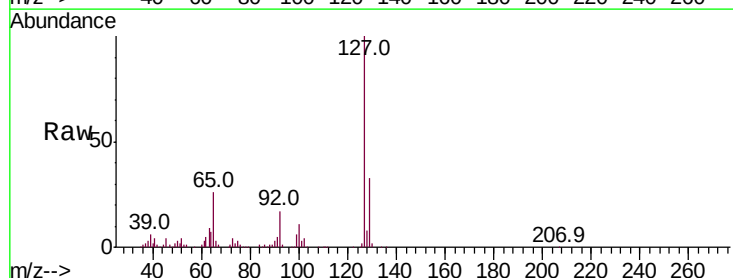
Ion Ratio Lower Upper

127 100

129 32.6 26.7 40.1

65 26.4 22.5 33.7

92 16.7 14.6 22.0

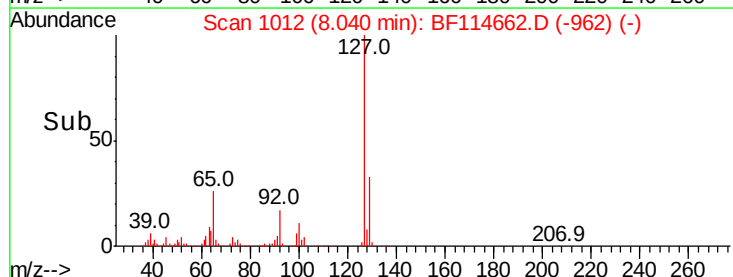
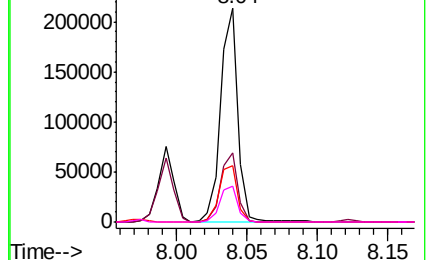


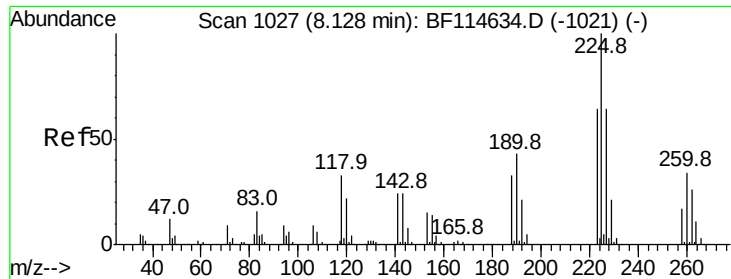
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1





#34

Hexachlorobutadiene

Concen: 5.386 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

Instrument :
BNA_F
ClientSampled :

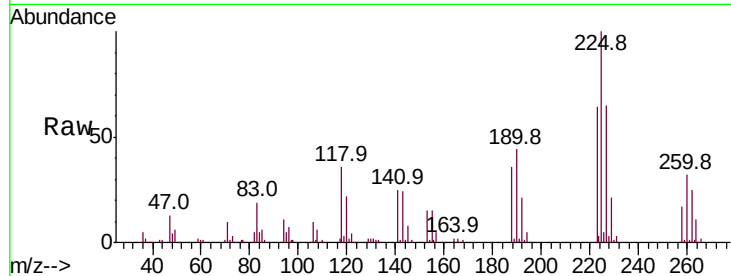
Tot Ion:225 Resp: 74366

Ion Ratio Lower Upper

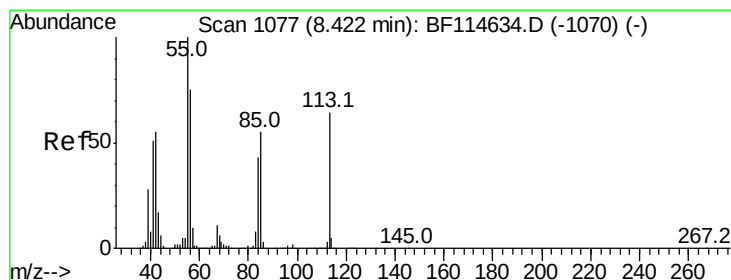
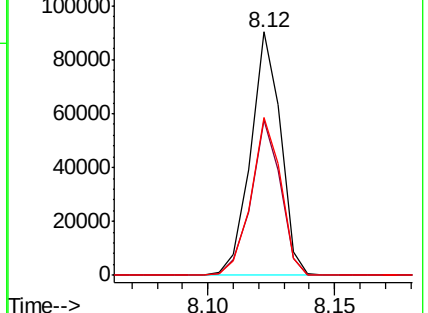
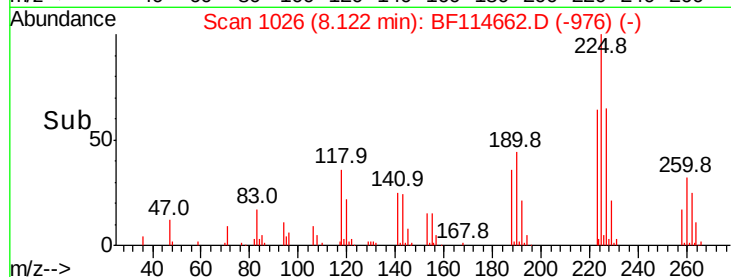
225 100

223 63.7 50.9 76.3

227 64.6 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: 4.767 ng

RT: 8.36 min Scan# 1067

Delta R.T. -0.06 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

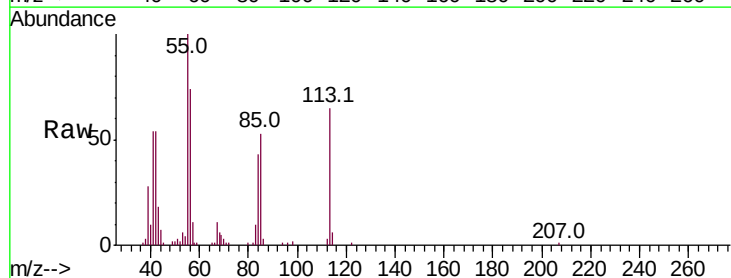
Tgt Ion:113 Resp: 35093

Ion Ratio Lower Upper

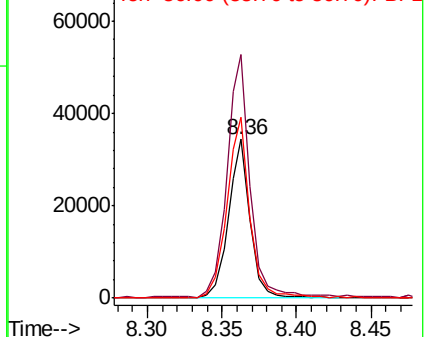
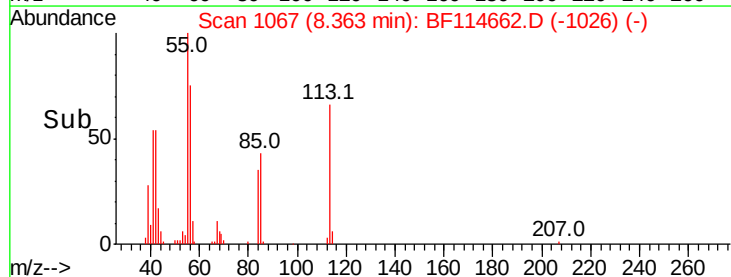
113 100

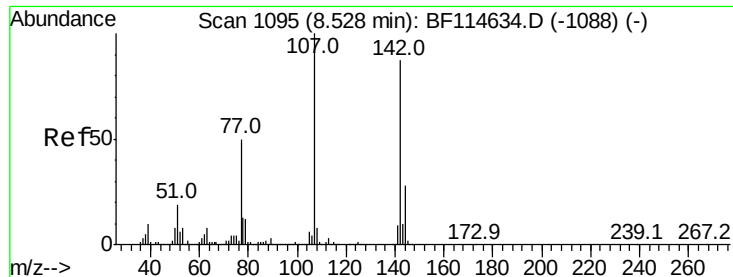
55 153.4 136.4 176.4

56 114.1 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

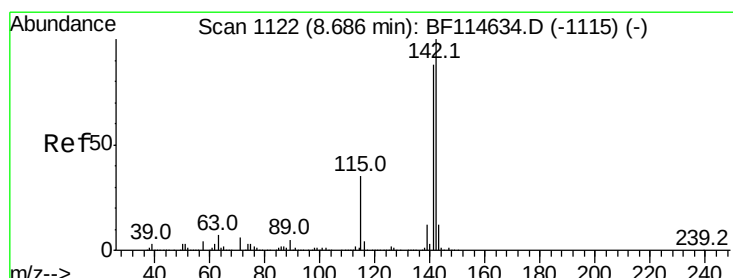
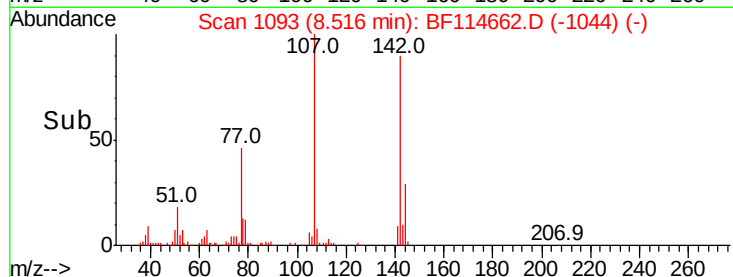
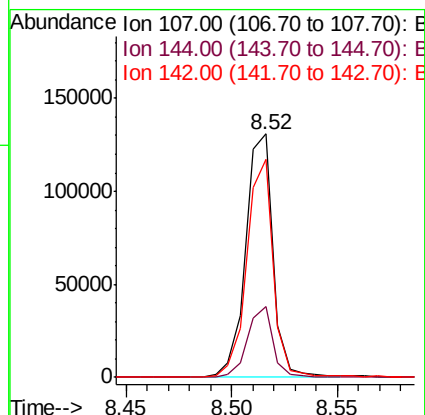
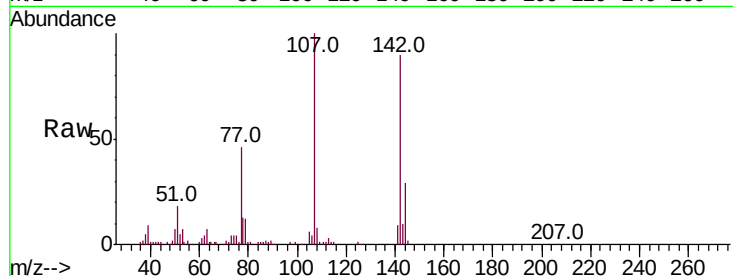




#36
 4-Chloro-3-methylphenol
 Concen: 5.378 ng
 RT: 8.52 min Scan# 1093
 Delta R.T. -0.01 min
 Lab File: BF114662.D
 Acq: 30 May 2019 15:46

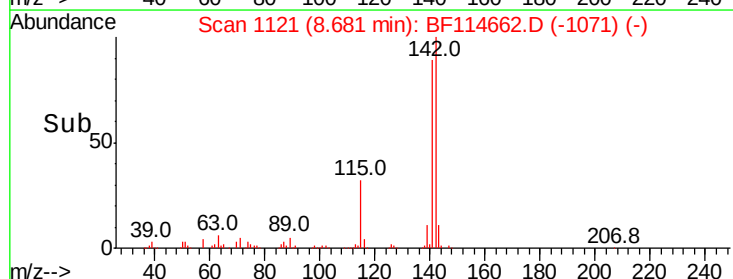
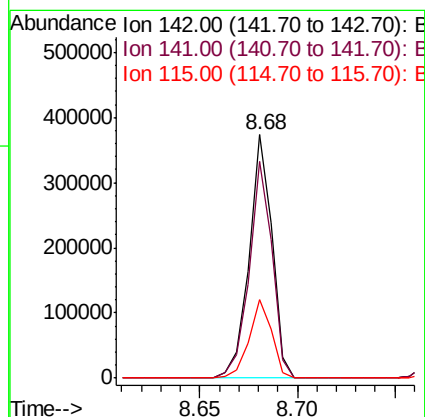
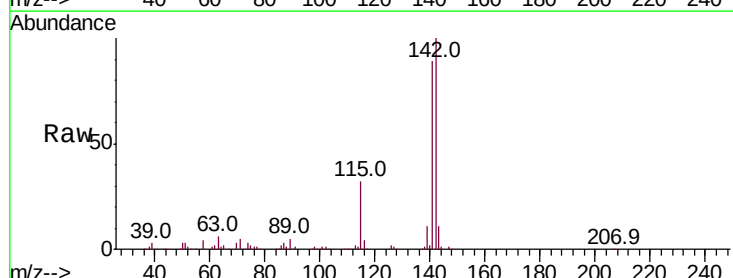
Instrument :
 BNA_F
 ClientSampleId :

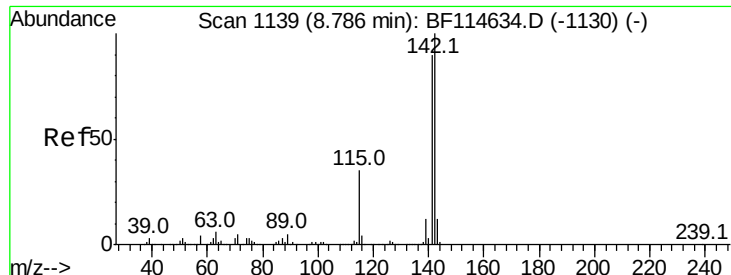
Tot Ion:107 Resp: 117661
 Ion Ratio Lower Upper
 107 100
 144 29.1 22.5 33.7
 142 89.7 69.8 104.6



#37
 2-Methylnaphthalene
 Concen: 6.362 ng
 RT: 8.68 min Scan# 1121
 Delta R.T. -0.01 min
 Lab File: BF114662.D
 Acq: 30 May 2019 15:46

Tgt Ion:142 Resp: 302735
 Ion Ratio Lower Upper
 142 100
 141 89.0 70.3 105.5
 115 32.5 28.0 42.0

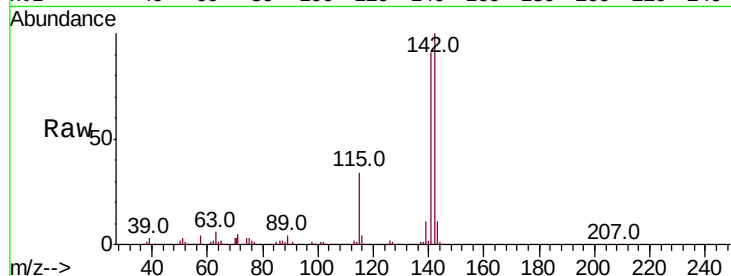




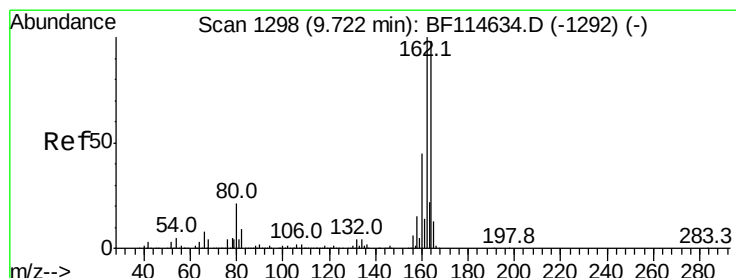
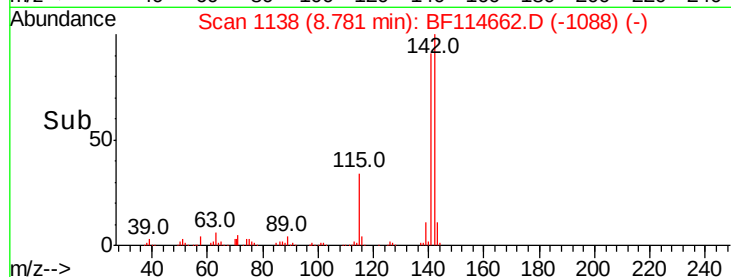
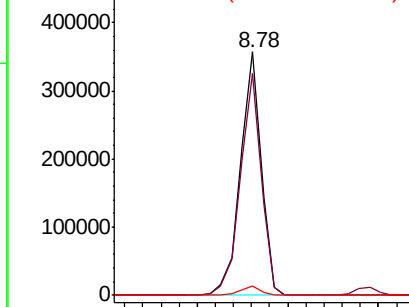
#38
1-Methylnaphthalene
Concen: 6.322 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BF114662.D
Acq: 30 May 2019 15:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 285039
Ion Ratio Lower Upper
142 100
141 91.2 72.3 108.5
116 3.6 3.0 4.4

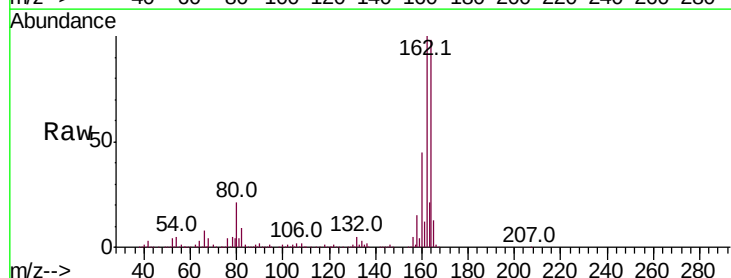


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

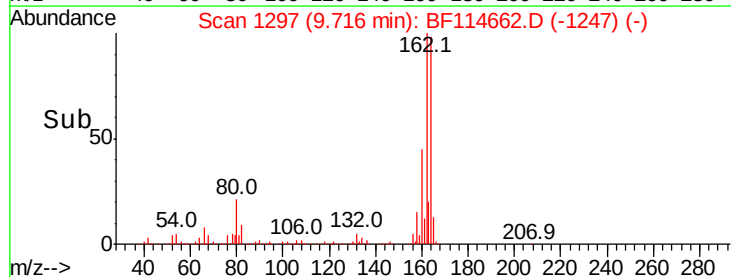
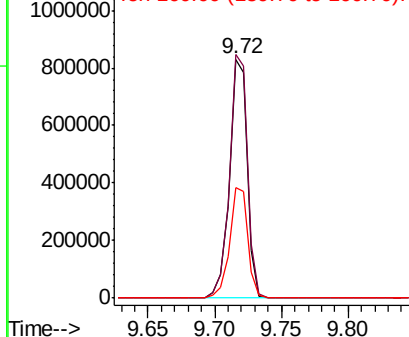


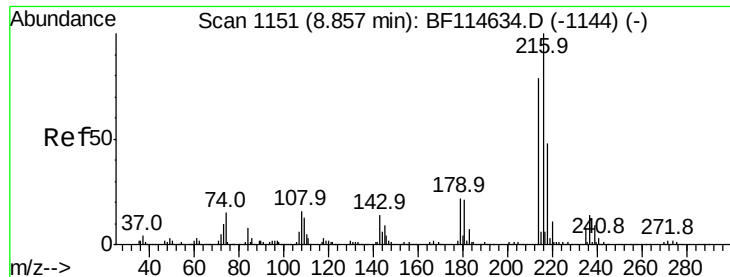
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF114662.D
Acq: 30 May 2019 15:46

Tgt Ion:164 Resp: 780546
Ion Ratio Lower Upper
164 100
162 102.1 81.4 122.2
160 46.1 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: 6.270 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 130325

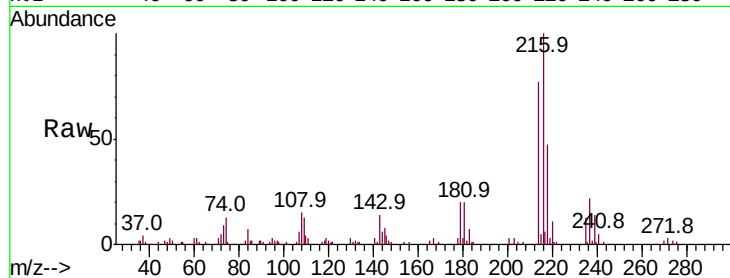
Ion Ratio Lower Upper

216 100

214 78.3 63.2 94.8

179 21.2 17.9 26.9

108 19.1 15.8 23.8

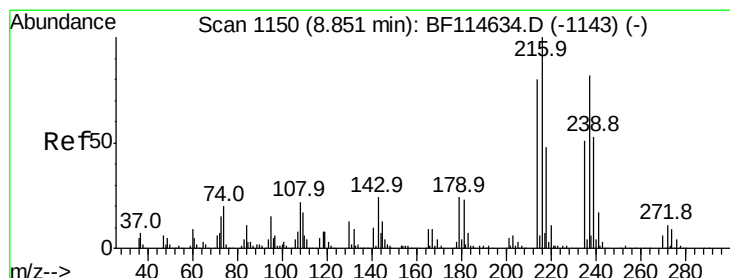
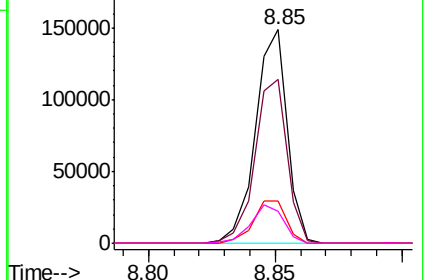
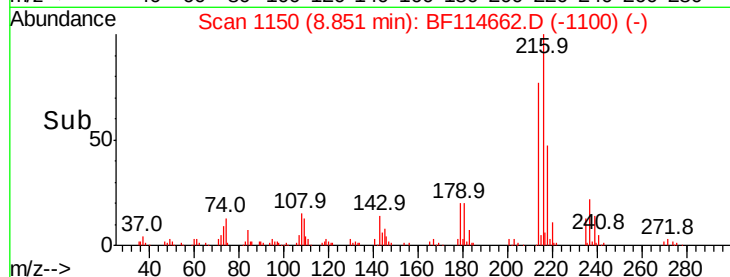


Abundance Ion 216.00 (215.70 to 216.70): E

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: 5.415 ng

RT: 8.85 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

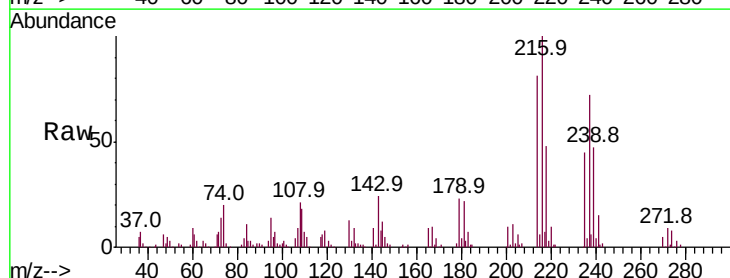
Tgt Ion:237 Resp: 74388

Ion Ratio Lower Upper

237 100

235 62.2 42.8 82.8

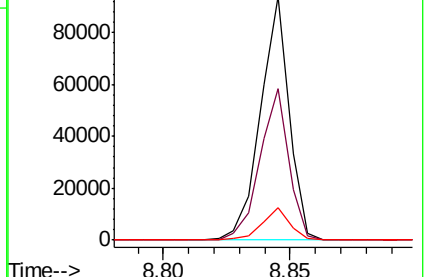
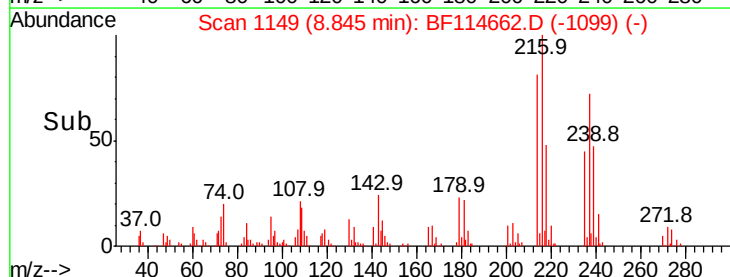
272 13.1 0.0 33.7

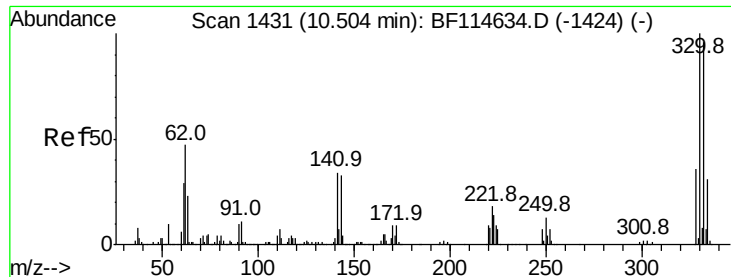


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

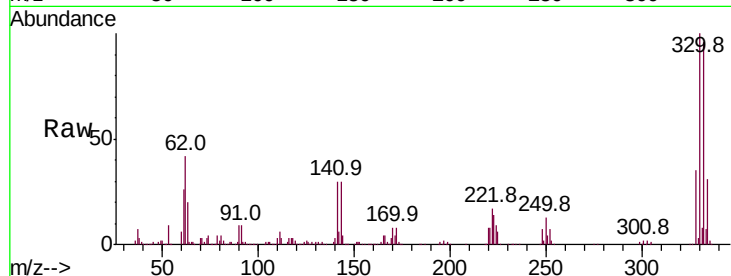




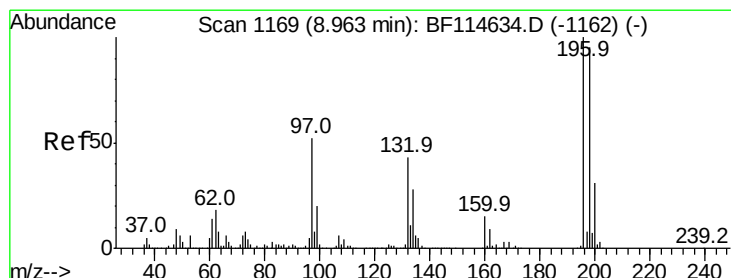
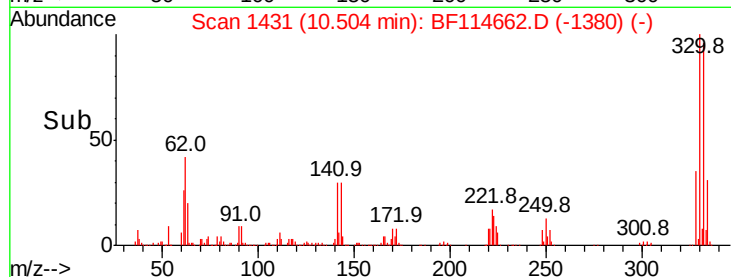
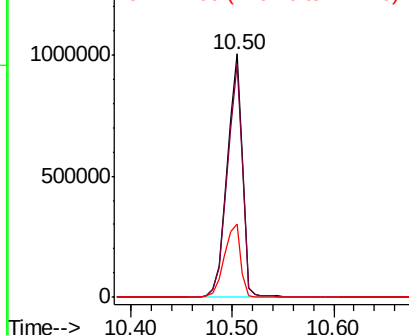
#42
 2,4,6-Tribromophenol
 Concen: 141.789 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: BF114662.D
 Acq: 30 May 2019 15:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 1054535
 Ion Ratio Lower Upper
 330 100
 332 96.0 75.8 113.8
 141 32.2 27.8 41.8

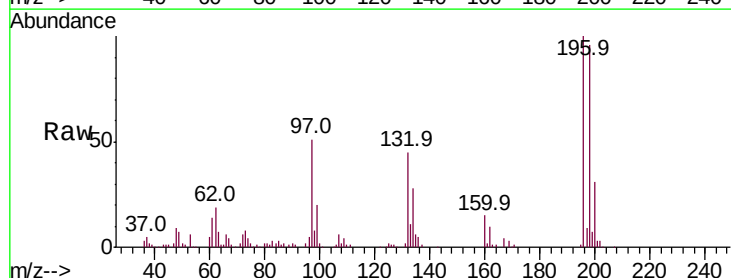


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

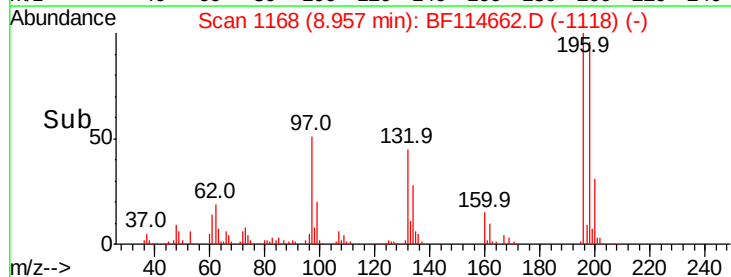
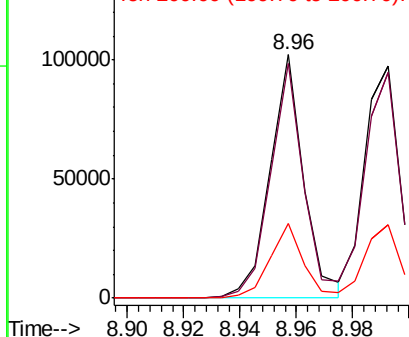


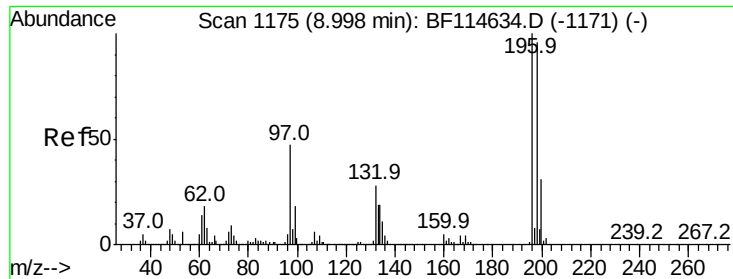
#43
 2,4,6-Trichlorophenol
 Concen: 5.162 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BF114662.D
 Acq: 30 May 2019 15:46

Tgt Ion:196 Resp: 84422
 Ion Ratio Lower Upper
 196 100
 198 96.3 76.1 114.1
 200 30.5 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: 5.346 ng

RT: 8.99 min Scan# 1174

Delta R.T. -0.01 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion:196 Resp: 87248

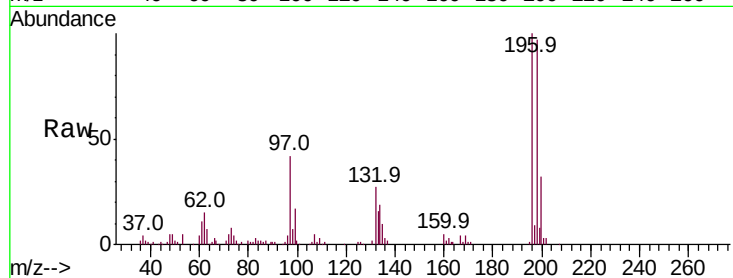
Ion Ratio Lower Upper

196 100

198 96.9 76.8 115.2

97 42.1 37.8 56.8

132 27.5 22.6 33.8



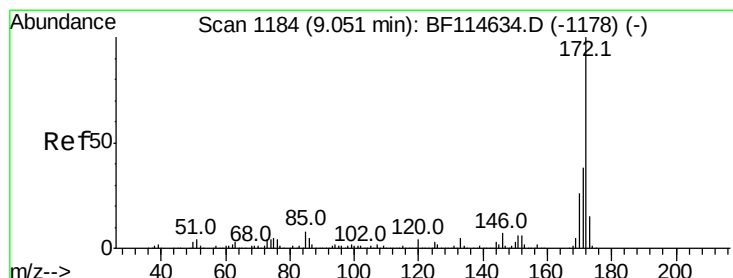
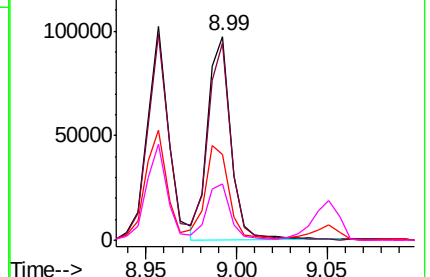
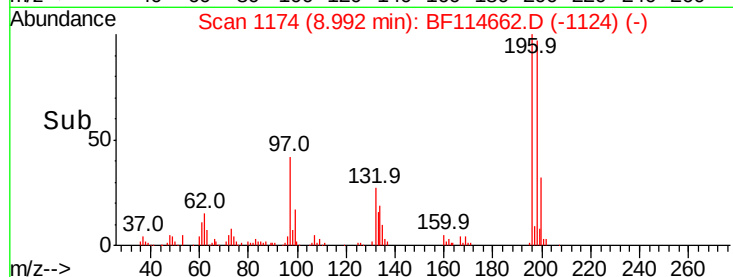
Abundance

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: 90.383 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

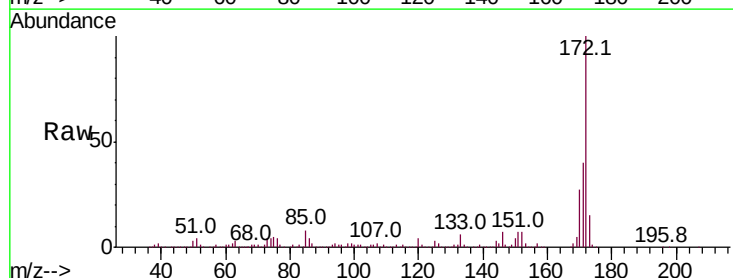
Tgt Ion:172 Resp: 3713466

Ion Ratio Lower Upper

172 100

171 40.1 30.6 45.8

170 27.1 20.7 31.1

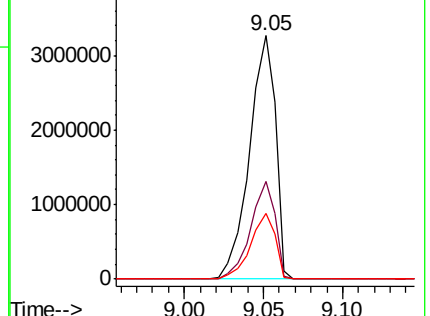
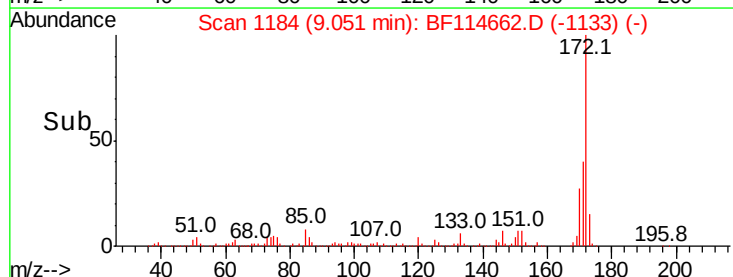


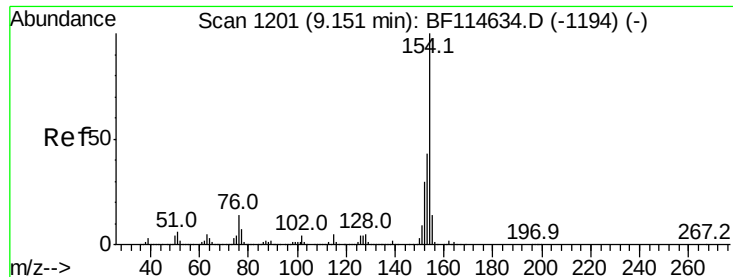
Abundance

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: 6.365 ng

RT: 9.15 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

Instrument :

BNA_F

ClientSampleId :

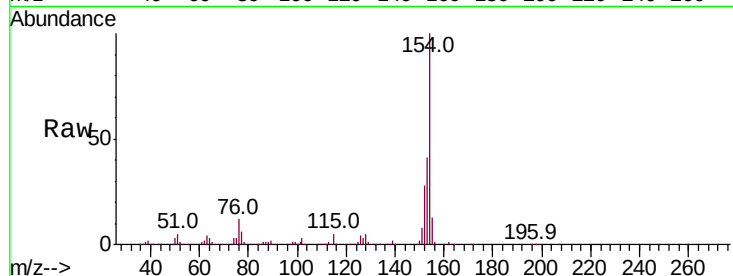
Tot Ion:154 Resp: 368812

Ion Ratio Lower Upper

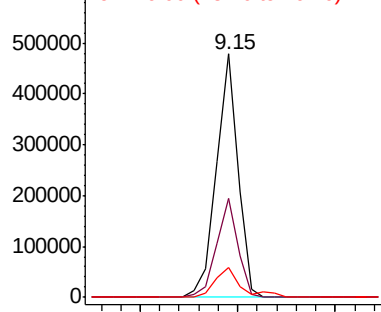
154 100

153 40.5 23.0 63.0

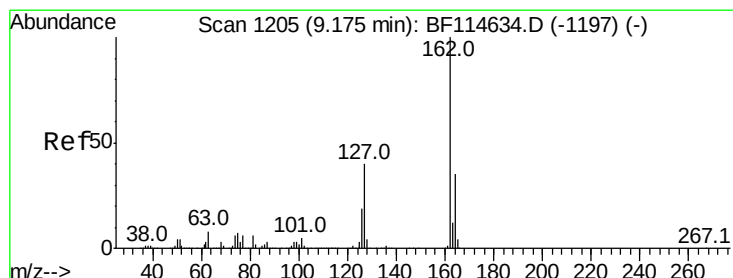
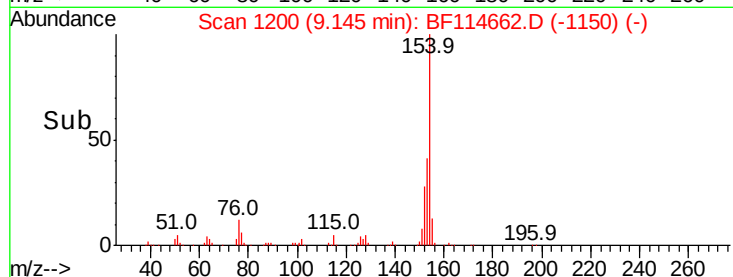
76 12.2 0.0 33.9



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



Time-->



#47

2-Chloronaphthalene

Concen: 5.912 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

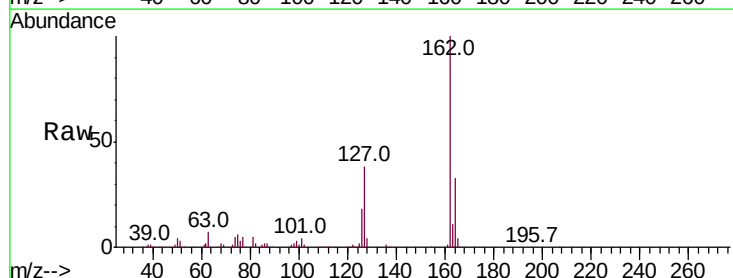
Tgt Ion:162 Resp: 280979

Ion Ratio Lower Upper

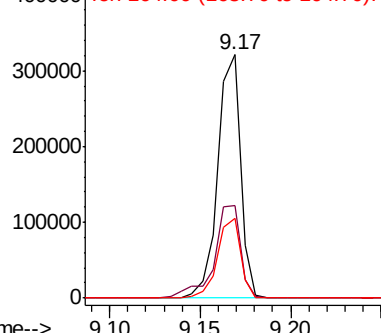
162 100

127 37.8 32.2 48.2

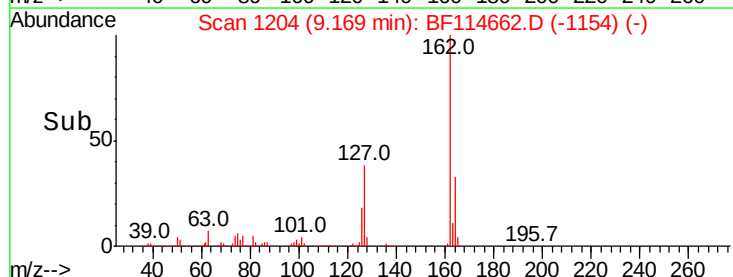
164 32.8 27.8 41.6

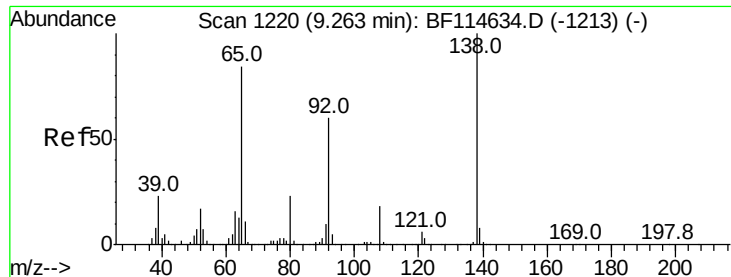


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



Time-->

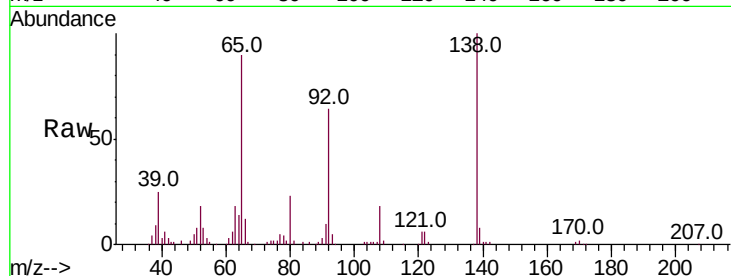




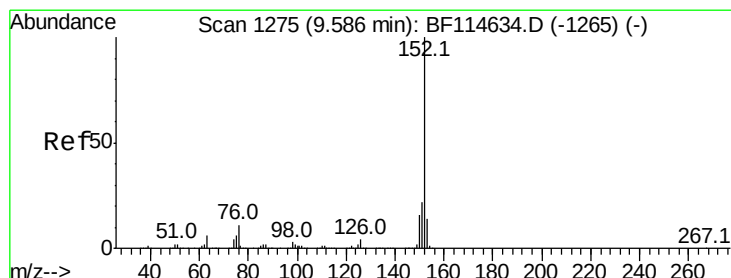
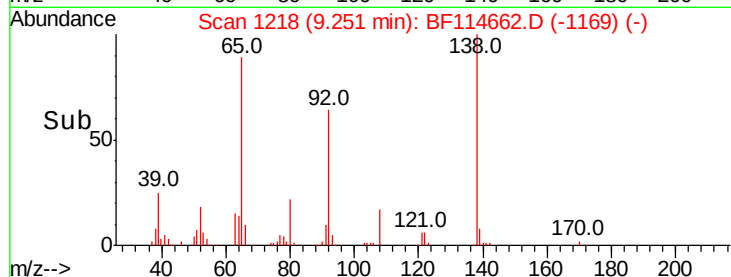
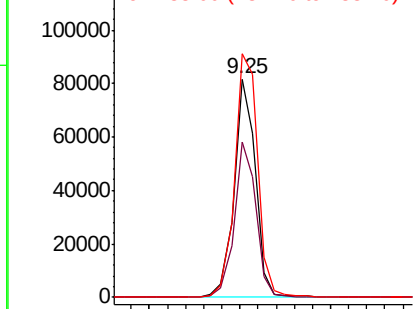
#48
2-Nitroaniline
Concen: 4.553 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF114662.D
Acq: 30 May 2019 15:46

Instrument :
BNA_F
ClientSampled :

Tot Ion: 65 Resp: 66782
Ion Ratio Lower Upper
65 100
92 71.0 57.1 85.7
138 111.6 95.8 143.6

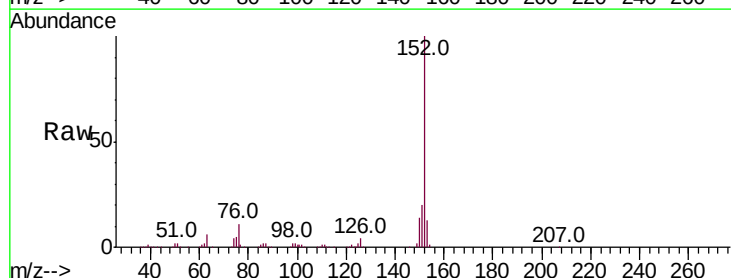


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

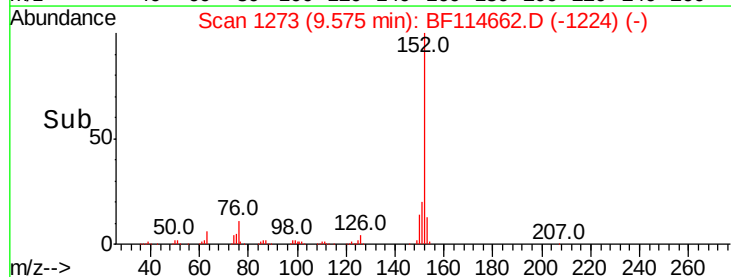
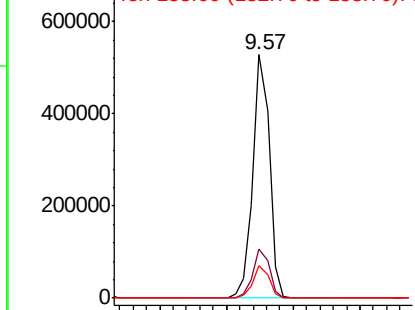


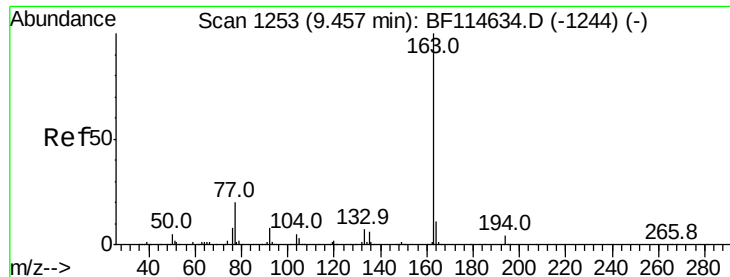
#49
Acenaphthylene
Concen: 6.100 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF114662.D
Acq: 30 May 2019 15:46

Tgt Ion: 152 Resp: 447907
Ion Ratio Lower Upper
152 100
151 20.2 17.5 26.3
153 13.2 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: 5.848 ng

RT: 9.44 min Scan# 1250

Delta R.T. -0.02 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

Instrument :

BNA_F

ClientSampleId :

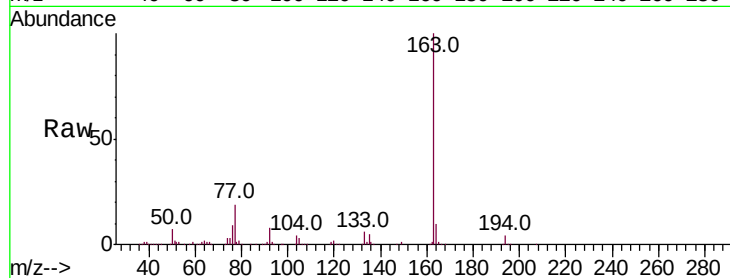
Tot Ion:163 Resp: 318067

Ion Ratio Lower Upper

163 100

194 3.7 3.4 5.0

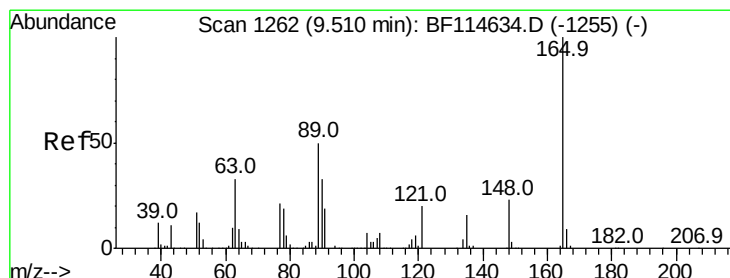
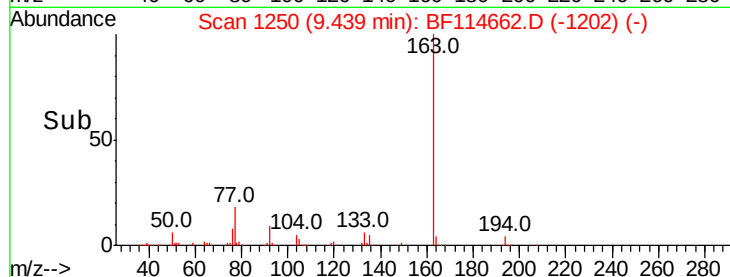
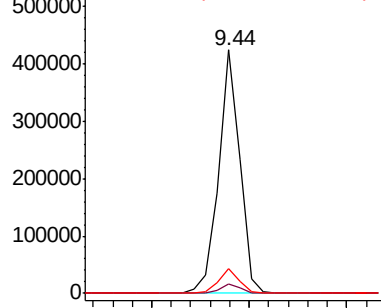
164 10.3 8.6 13.0



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: 5.169 ng

RT: 9.50 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

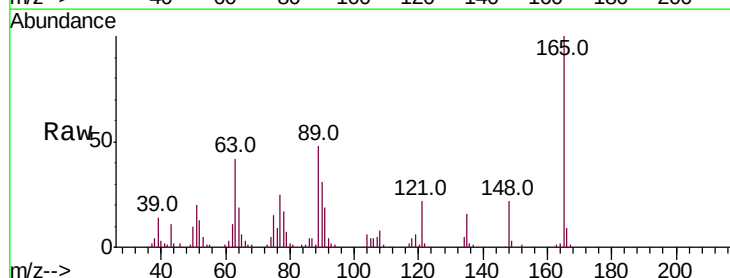
Tgt Ion:165 Resp: 65332

Ion Ratio Lower Upper

165 100

63 41.7 36.6 54.8

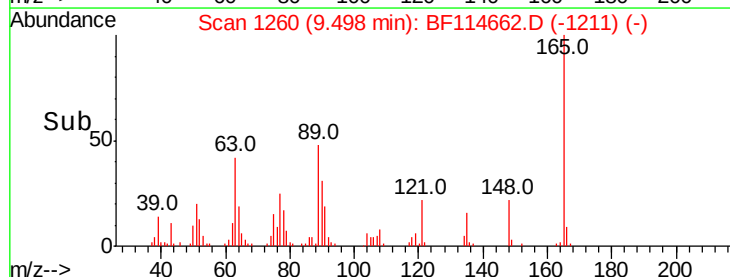
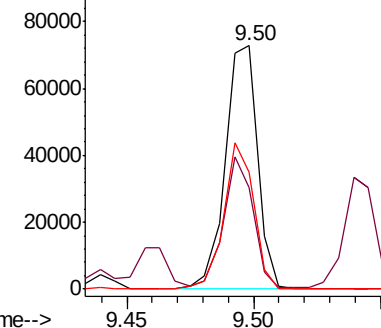
89 48.1 40.2 60.4

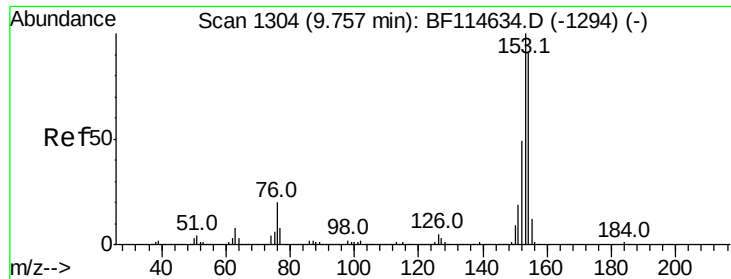


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#52

Acenaphthene

Concen: 6.023 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

Instrument :

BNA_F

ClientSampled :

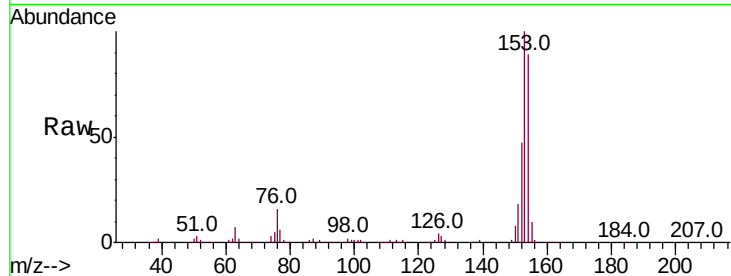
Tot Ion:154 Resp: 271239

Ion Ratio Lower Upper

154 100

153 111.8 88.4 132.6

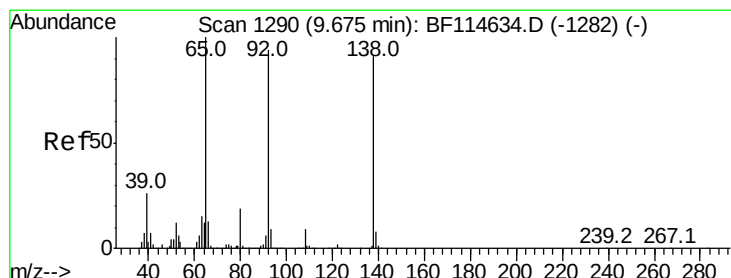
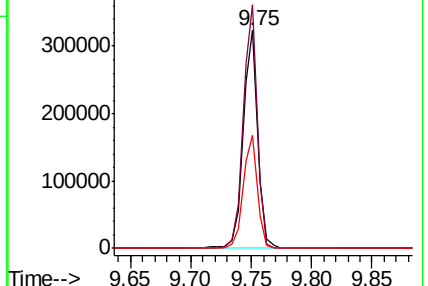
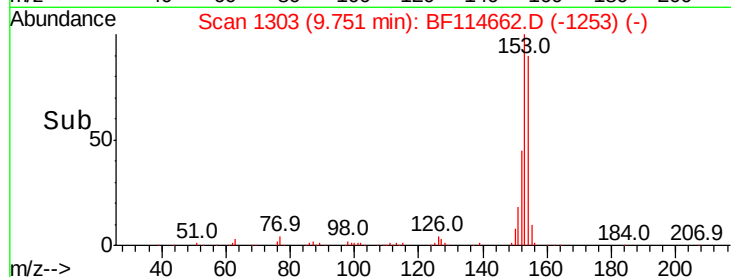
152 52.0 43.4 65.0



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: 4.816 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.02 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

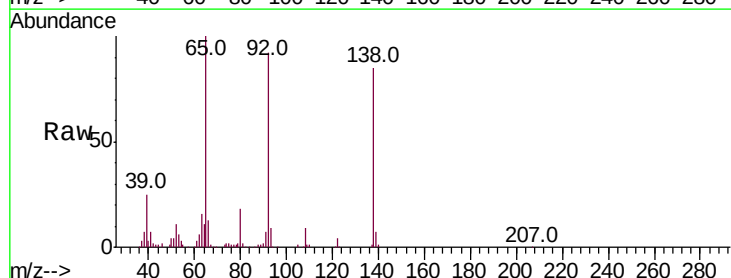
Tgt Ion:138 Resp: 74492

Ion Ratio Lower Upper

138 100

108 10.8 8.3 12.5

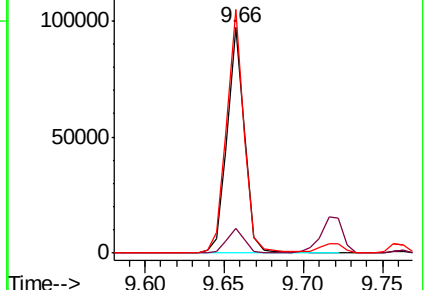
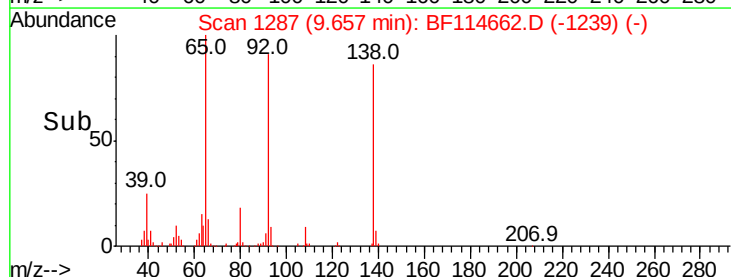
92 108.0 83.1 124.7

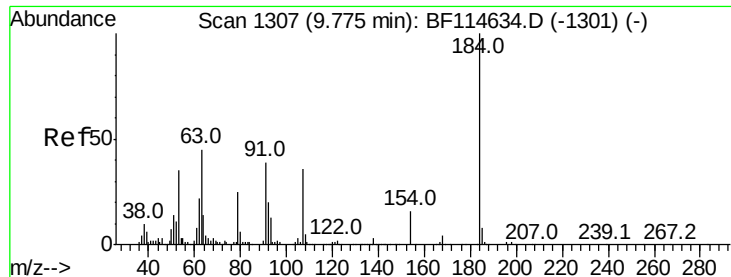


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





#54

2,4-Dinitrophenol

Concen: 2.491 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

Instrument :

BNA_F

ClientSampleId :

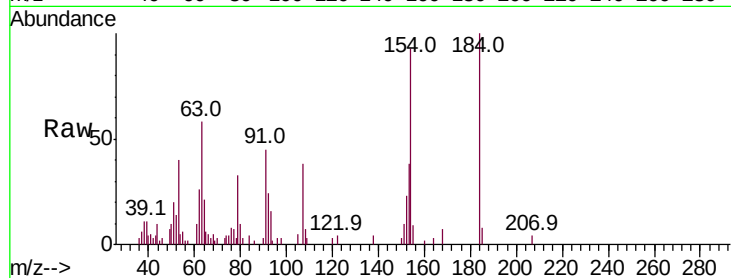
Tot Ion:184 Resp: 12420

Ion Ratio Lower Upper

184 100

63 57.7 38.8 58.2

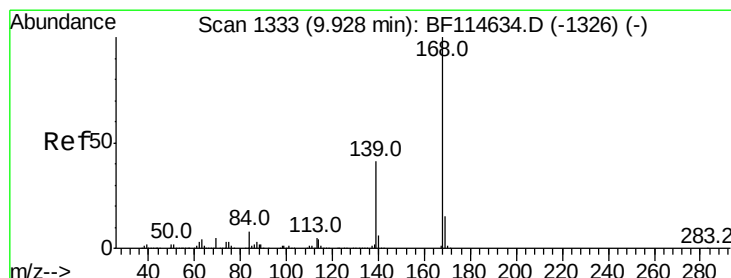
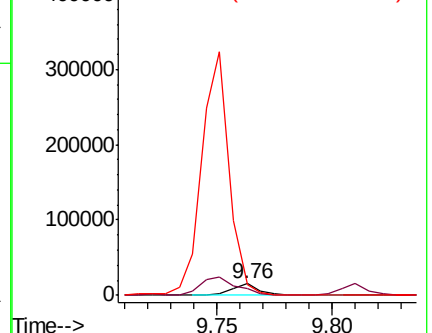
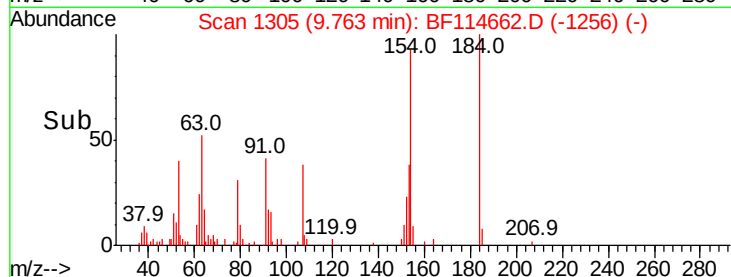
154 92.5 43.7 65.5#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#55

Dibenzofuran

Concen: 6.148 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

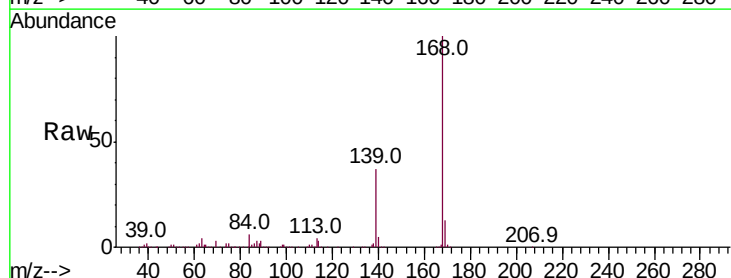
Tgt Ion:168 Resp: 394088

Ion Ratio Lower Upper

168 100

139 36.7 32.6 48.8

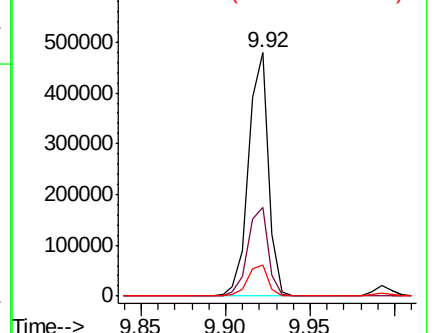
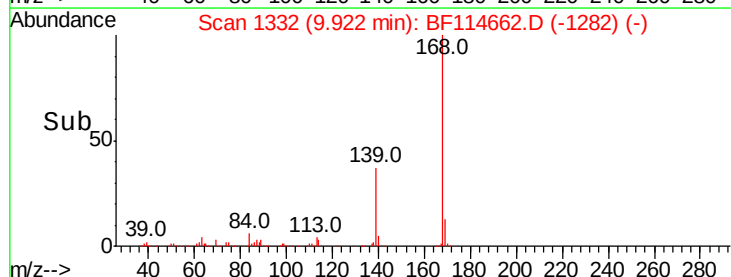
169 12.9 11.8 17.8

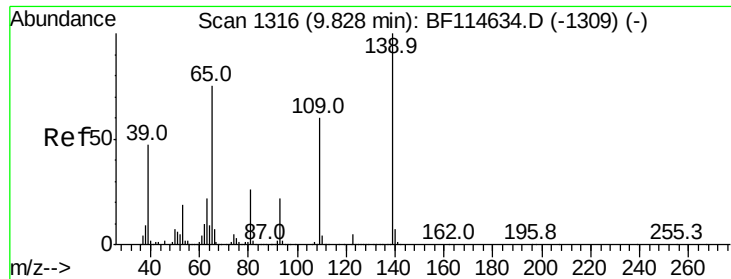


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

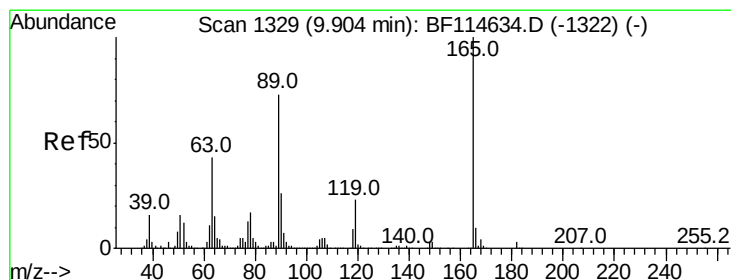
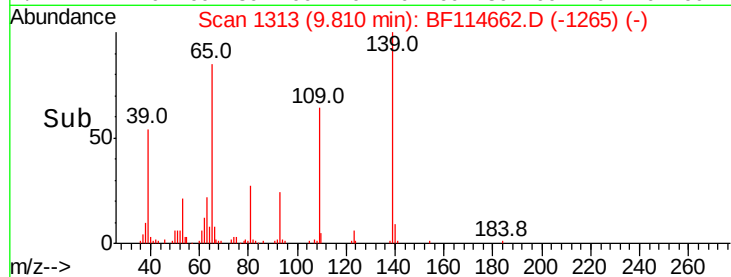
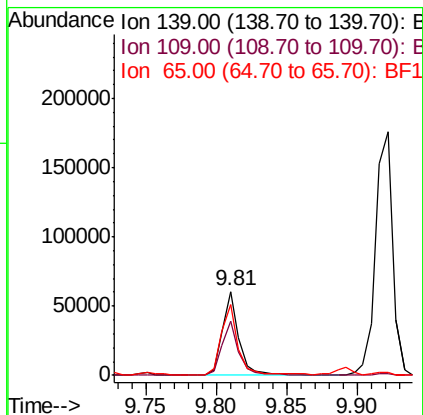
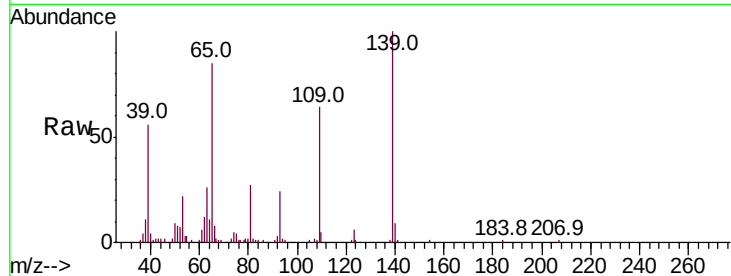




#56
4-Nitrophenol
Concen: 4.360 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.02 min
Lab File: BF114662.D
Acq: 30 May 2019 15:46

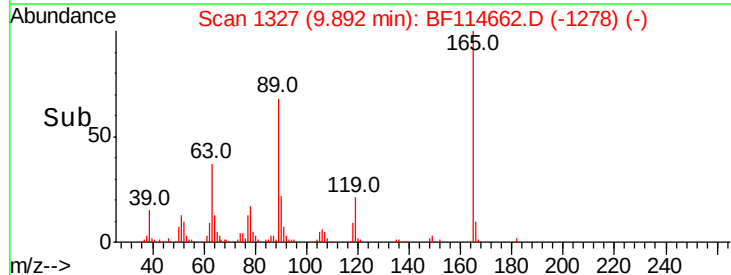
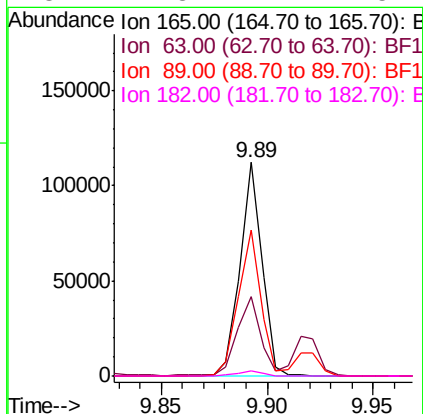
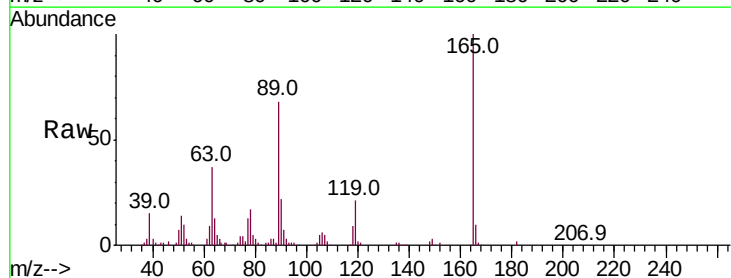
Instrument :
BNA_F
ClientSampled :

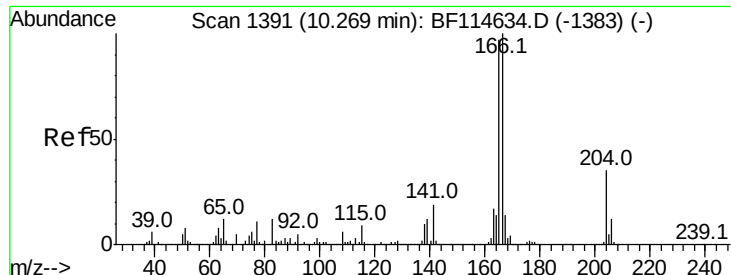
Tot Ion	Ratio	Lower	Upper
139	100		
109	64.0	40.4	80.4
65	84.5	54.7	94.7



#57
2,4-Dinitrotoluene
Concen: 4.972 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF114662.D
Acq: 30 May 2019 15:46

Tgt Ion	Ratio	Lower	Upper
165	100		
63	37.0	34.8	52.2
89	68.4	58.5	87.7
182	2.3	2.2	3.2

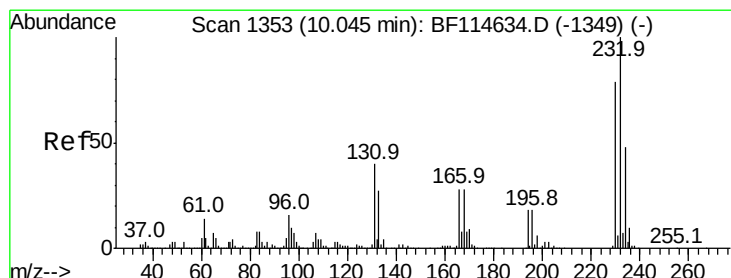
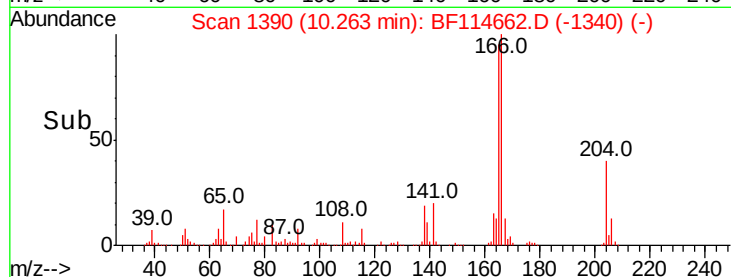
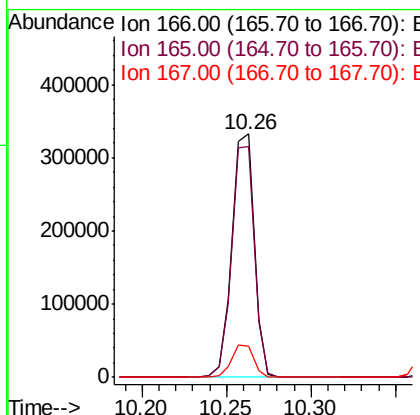
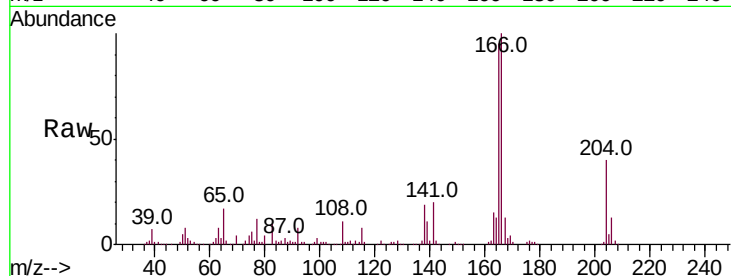




#58
 Fluorene
 Concen: 2.477 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: BF114662.D
 Acq: 30 May 2019 15:46

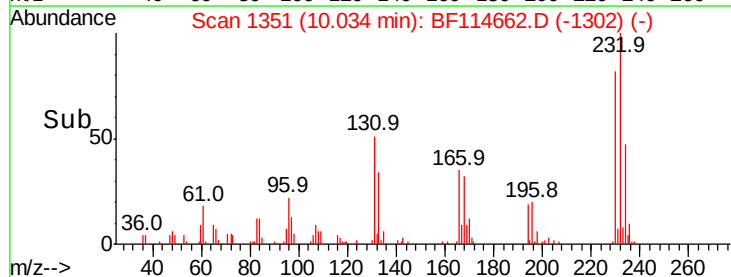
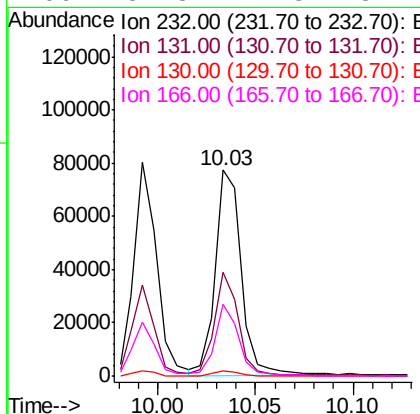
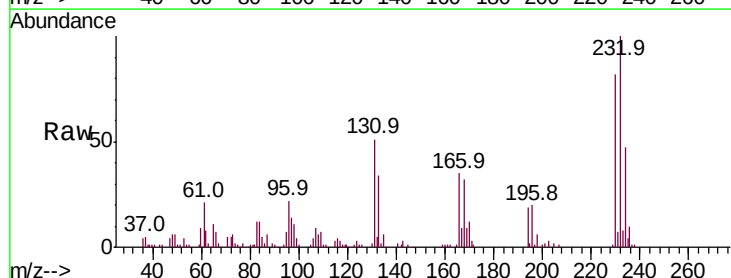
Instrument :
 BNA_F
 ClientSampleId :

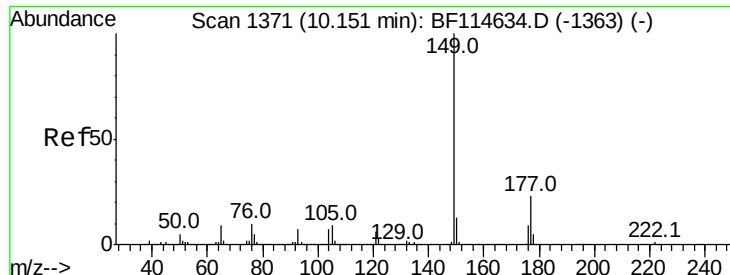
Tot Ion:166 Resp: 305163
 Ion Ratio Lower Upper
 166 100
 165 95.0 77.6 116.4
 167 13.0 11.2 16.8



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 5.329 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. -0.01 min
 Lab File: BF114662.D
 Acq: 30 May 2019 15:46

Tgt Ion:232 Resp: 71188
 Ion Ratio Lower Upper
 232 100
 131 48.6 37.2 55.8
 130 2.4 1.8 2.8
 166 32.3 24.8 37.2

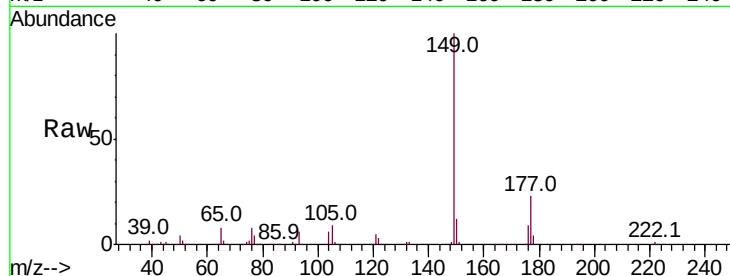




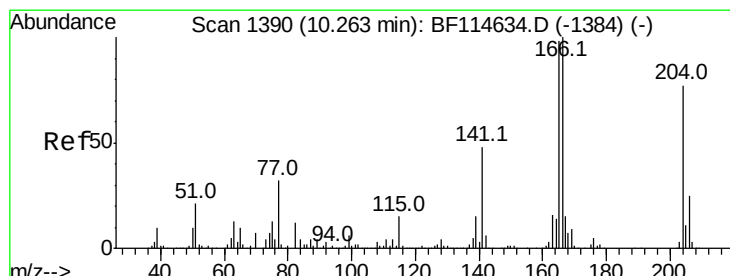
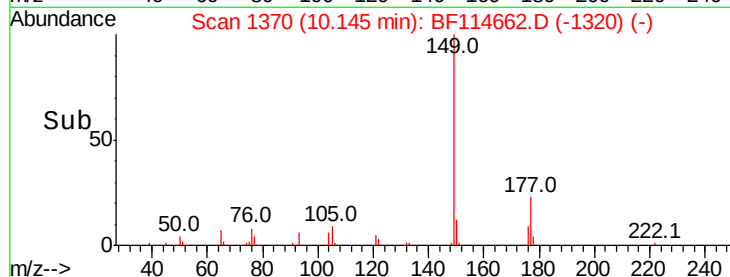
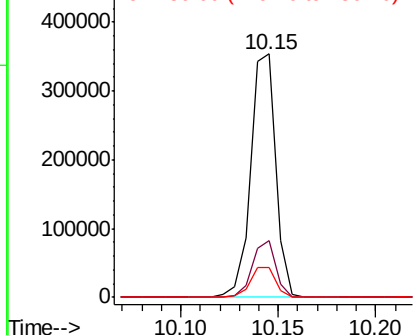
#60
Diethylphthalate
Concen: 5.661 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BF114662.D
Acq: 30 May 2019 15:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.3	18.6	28.0
150	12.0	10.6	15.8

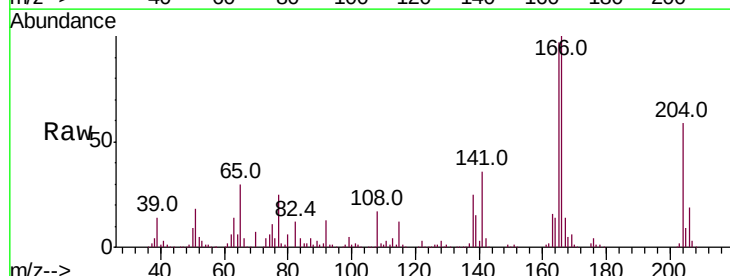


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

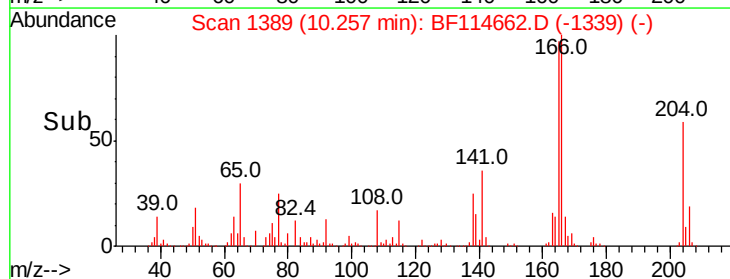
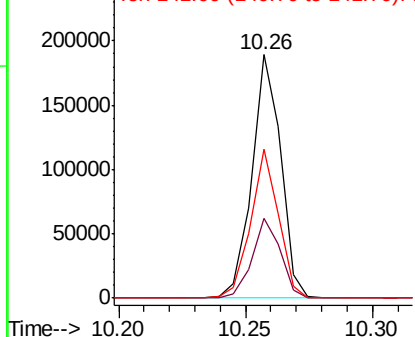


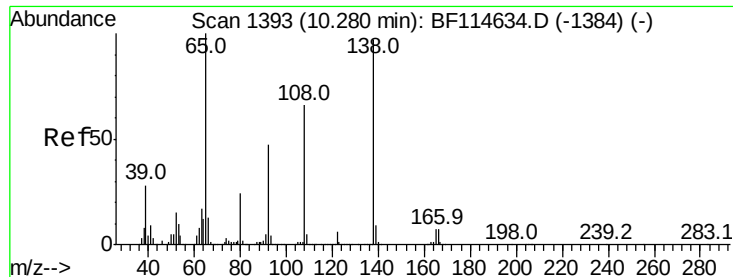
#61
4-Chlorophenyl-phenylether
Concen: 2.723 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BF114662.D
Acq: 30 May 2019 15:46

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.4	39.6
141	61.0	50.0	75.0



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





#62

4-Nitroaniline

Concen: 4.551 ng

RT: 10.26 min Scan# 1389

Delta R.T. -0.02 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

Instrument :

BNA_F

ClientSampleId :

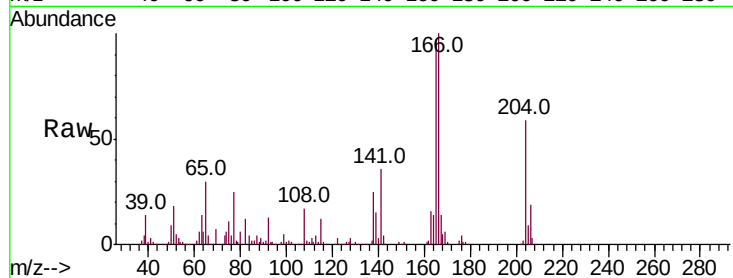
Tot Ion:138 Resp: 68588

Ion Ratio Lower Upper

138 100

92 50.4 28.0 68.0

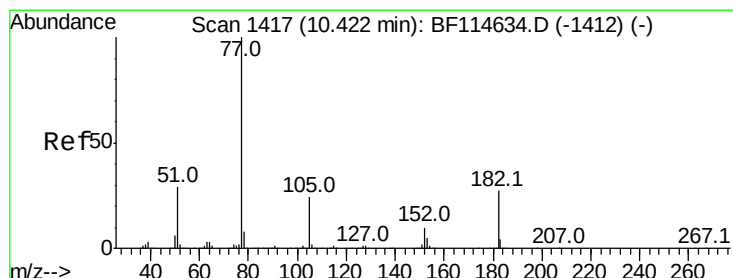
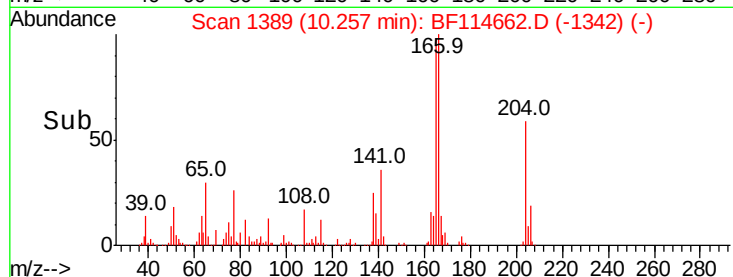
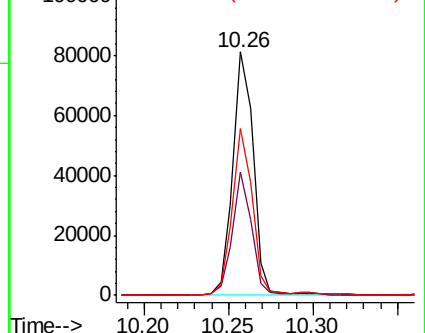
108 68.6 48.4 88.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#63

Azobenzene

Concen: 5.650 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

Tgt Ion: 77 Resp: 288164

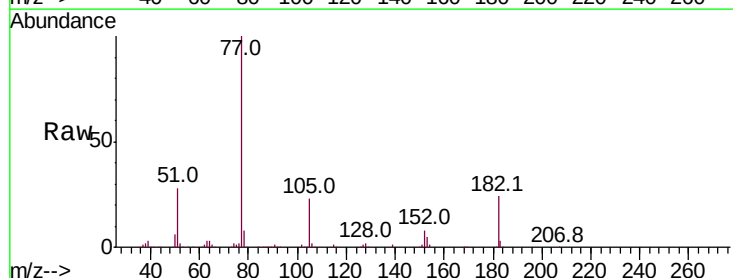
Ion Ratio Lower Upper

77 100

182 24.0 7.0 47.0

105 22.8 3.7 43.7

51 28.2 9.1 49.1

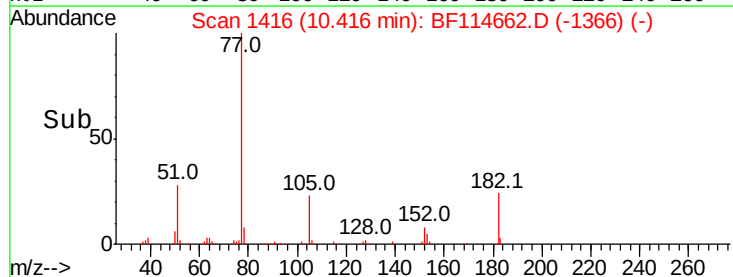
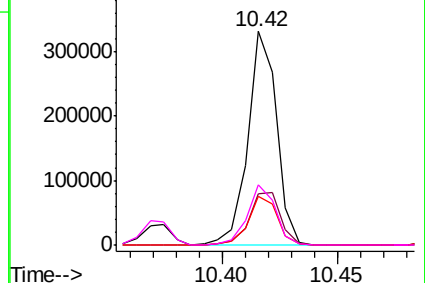


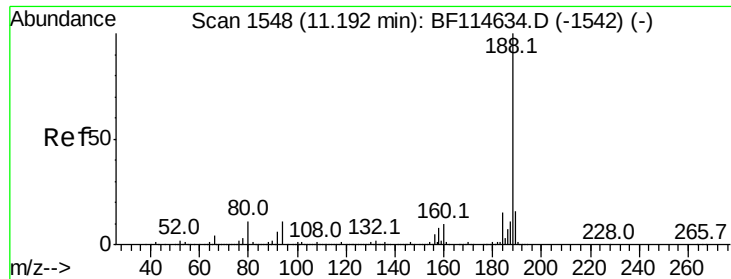
Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF114662.D

Acq: 30 May 2019 15:46

Instrument :

BNA_F

ClientSampleId :

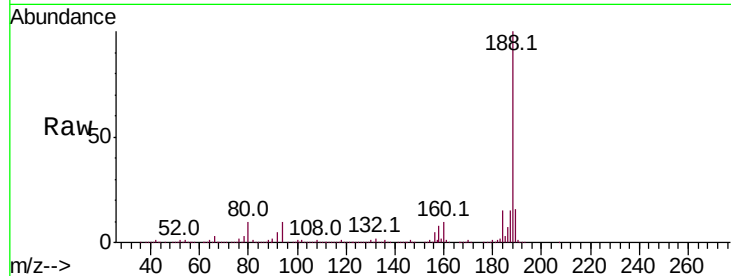
Tot Ion:188 Resp: 1480539

Ion Ratio Lower Upper

188 100

94 9.6 8.6 13.0

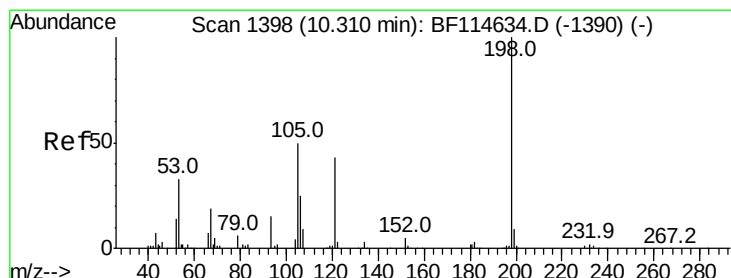
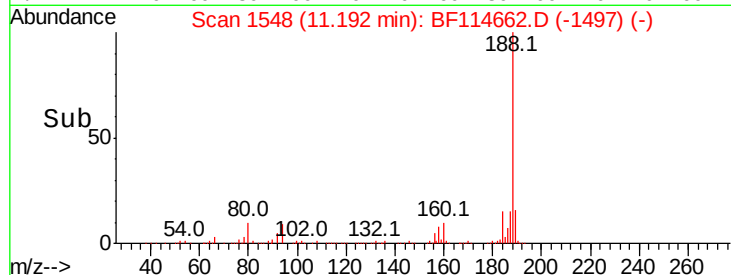
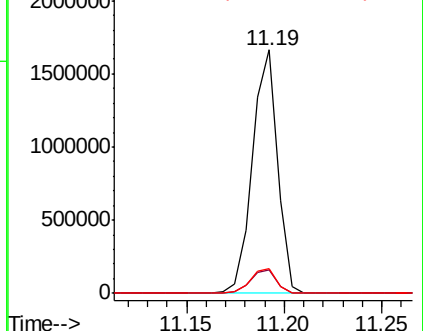
80 10.1 9.0 13.6



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: 3.407 ng

RT: 10.30 min Scan# 1396

Delta R.T. -0.01 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

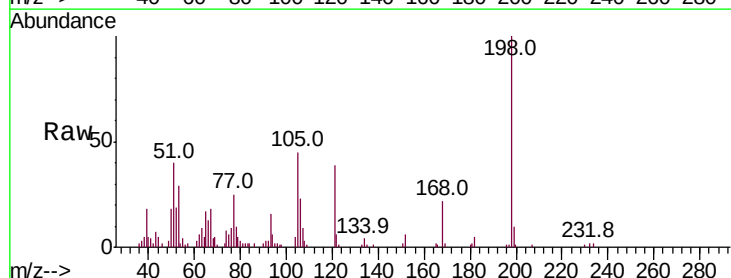
Tgt Ion:198 Resp: 22368

Ion Ratio Lower Upper

198 100

51 40.0 29.0 69.0

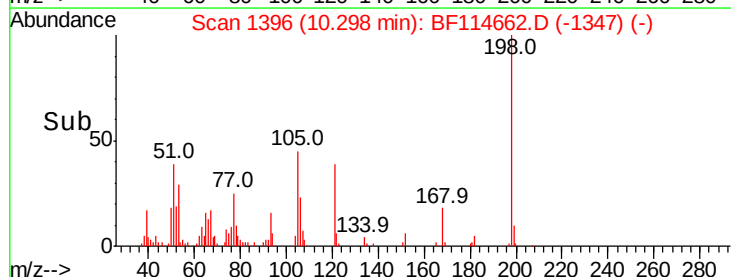
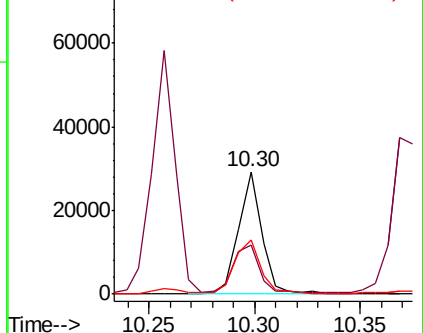
105 44.8 30.4 70.4

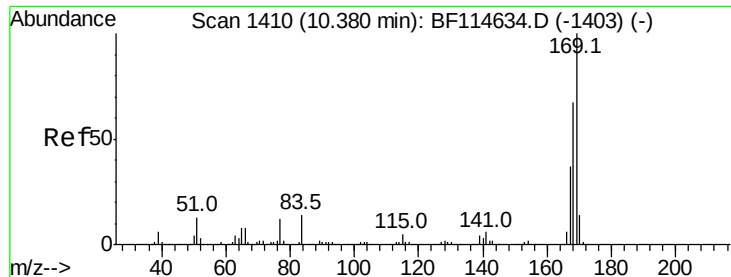


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

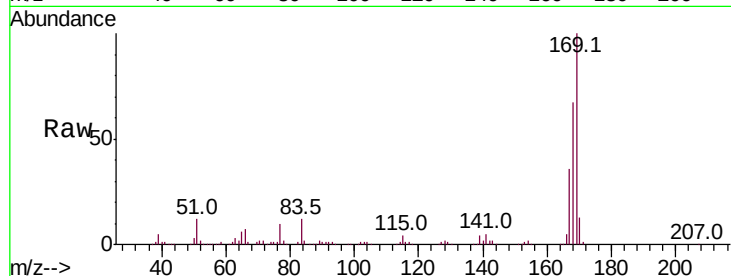




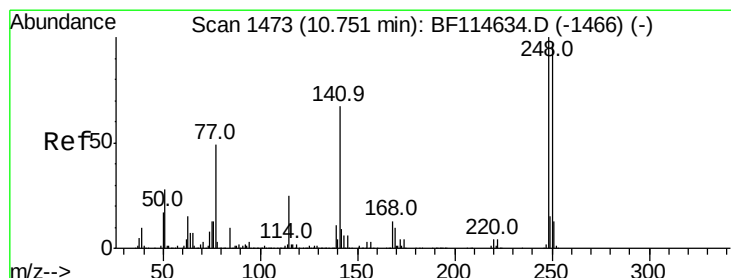
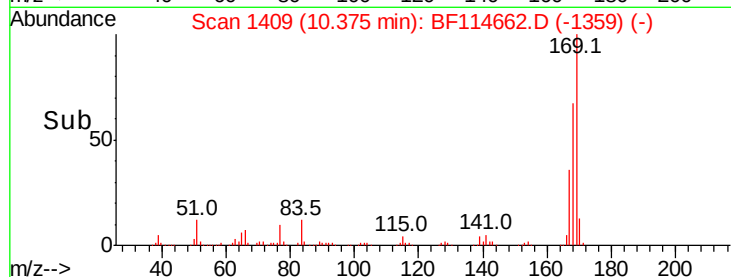
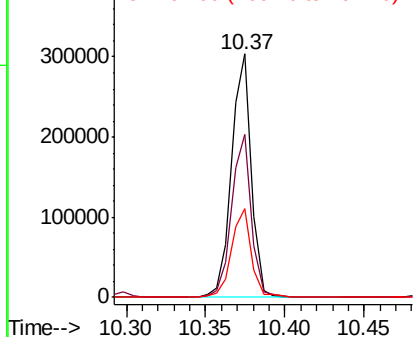
#66
 n-Nitrosodiphenylamine
 Concen: 5.991 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.01 min
 Lab File: BF114662.D
 Acq: 30 May 2019 15:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.1	53.8	80.8
167	36.2	29.8	44.6

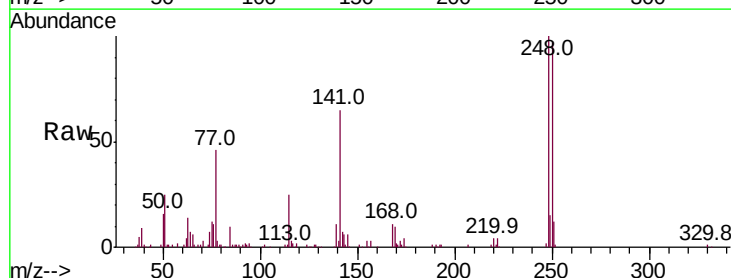


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

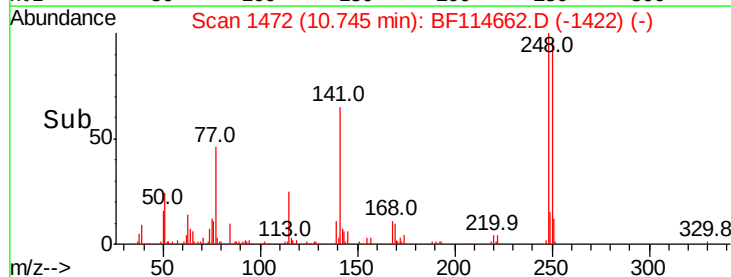
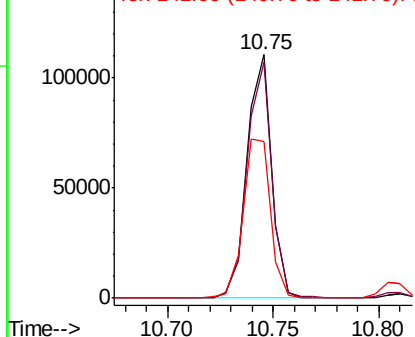


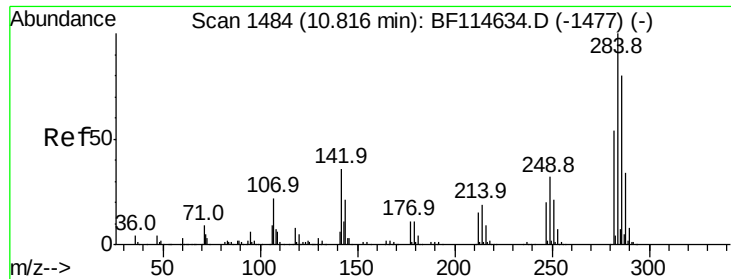
#67
 4-Bromophenyl-phenylether
 Concen: 5.628 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. -0.01 min
 Lab File: BF114662.D
 Acq: 30 May 2019 15:46

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.8	78.0	117.0
141	64.6	53.8	80.8



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





#68

Hexachlorobenzene

Concen: 5.709 ng

RT: 10.81 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

Instrument :

BNA_F

ClientSampleId :

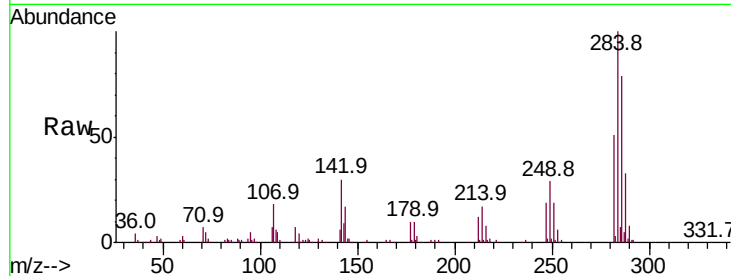
Tot Ion:284 Resp: 98180

Ion	Ratio	Lower	Upper
284	100		
142	30.2	28.9	43.3
249	29.5	25.8	38.6

284 100

142 30.2 28.9 43.3

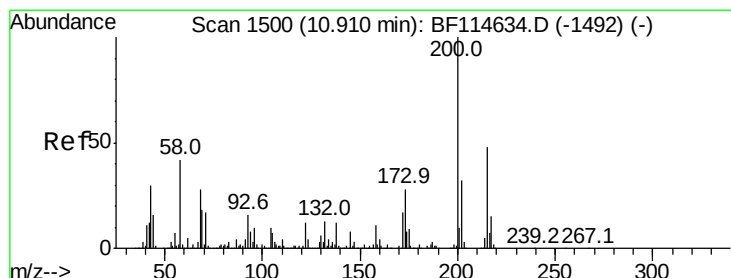
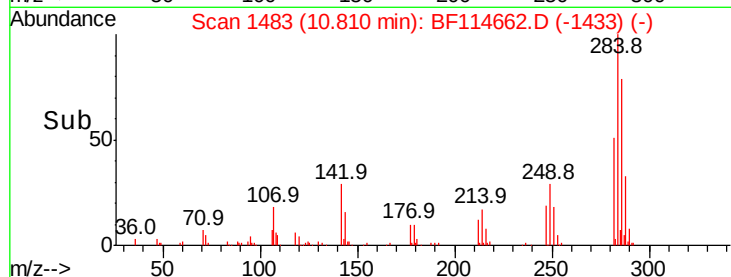
249 29.5 25.8 38.6



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#69

Atrazine

Concen: 4.446 ng

RT: 10.89 min Scan# 1497

Delta R.T. -0.02 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

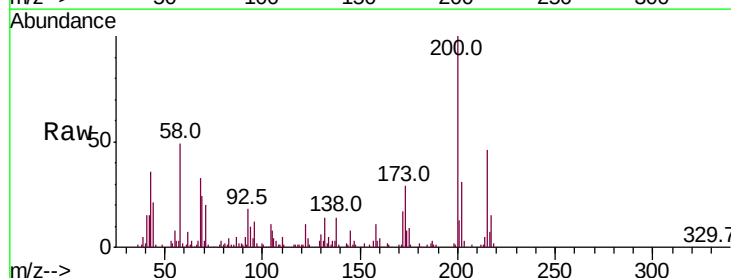
Tgt Ion:200 Resp: 77281

Ion	Ratio	Lower	Upper
200	100		
173	29.3	7.9	47.9
215	46.1	27.8	67.8

200 100

173 29.3 7.9 47.9

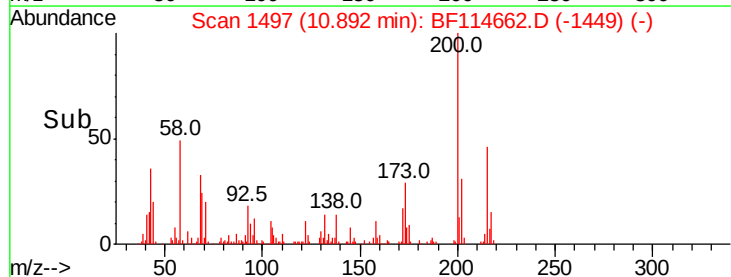
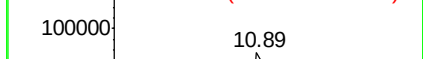
215 46.1 27.8 67.8

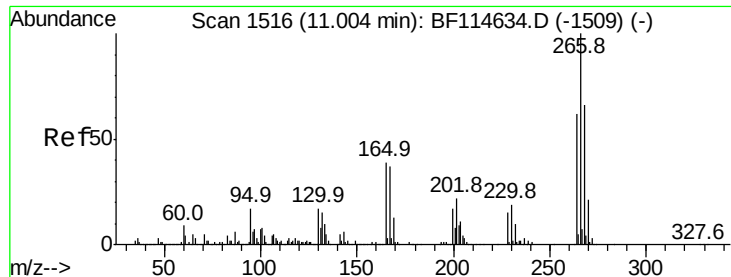


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

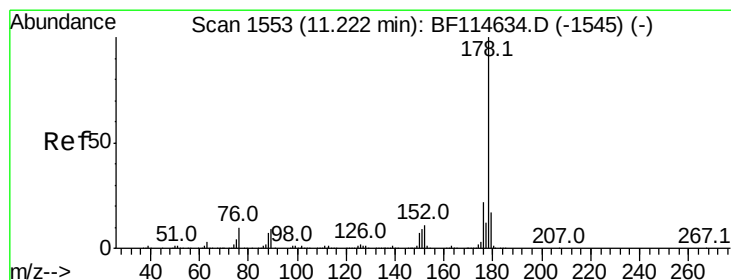
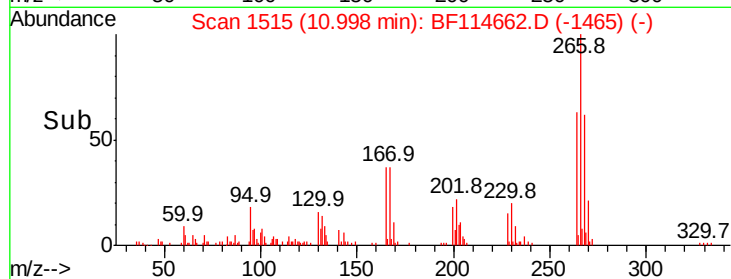
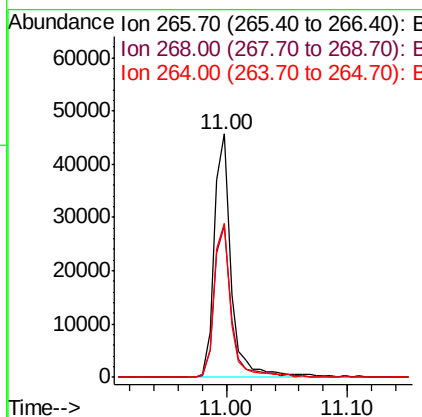
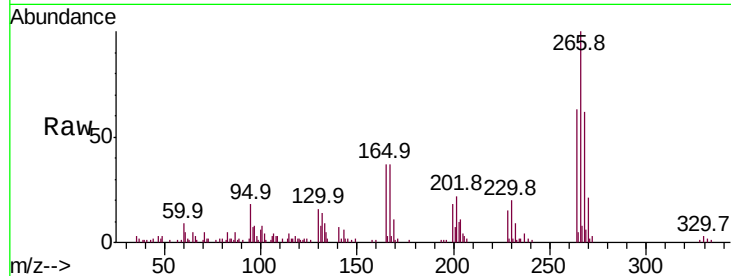




#70
 Pentachlorophenol
 Concen: 4.423 ng
 RT: 11.00 min Scan# 1515
 Delta R.T. -0.01 min
 Lab File: BF114662.D
 Acq: 30 May 2019 15:46

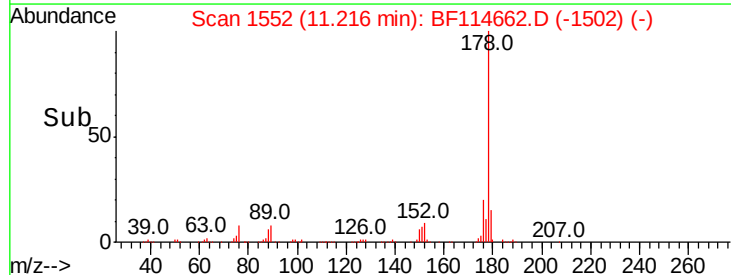
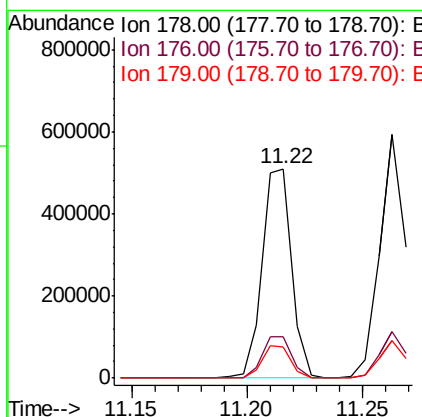
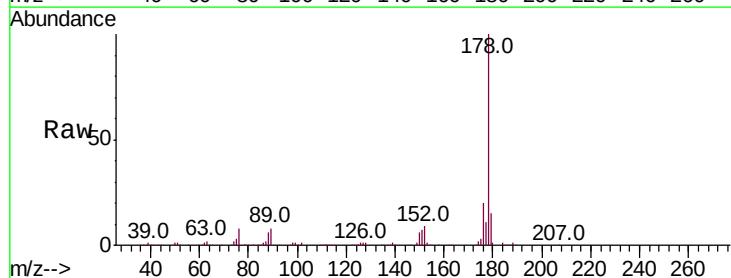
Instrument :
 BNA_F
 ClientSampleId :

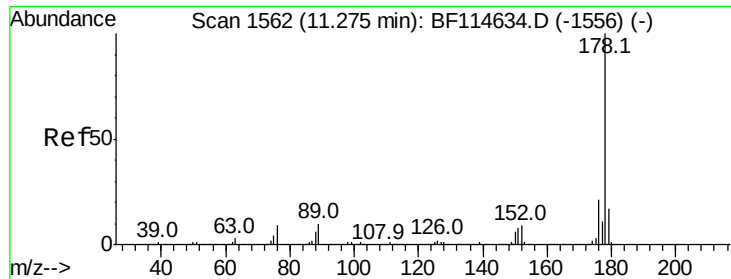
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.0	52.8	79.2
264	63.2	49.9	74.9



#71
 Phenanthrene
 Concen: 6.046 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. -0.01 min
 Lab File: BF114662.D
 Acq: 30 May 2019 15:46

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	17.2	25.8
179	15.1	13.9	20.9





#72

Anthracene

Concen: 6.070 ng

RT: 11.26 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

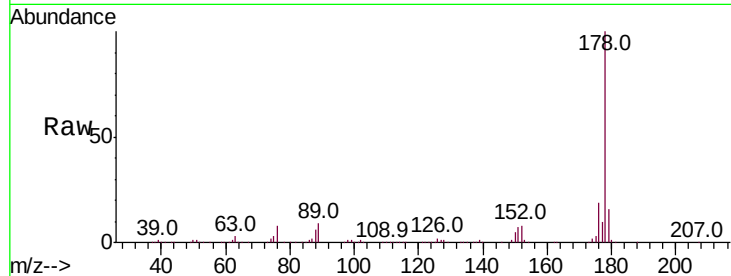
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 463958

Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.6	24.8
179	15.6	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

800000

600000

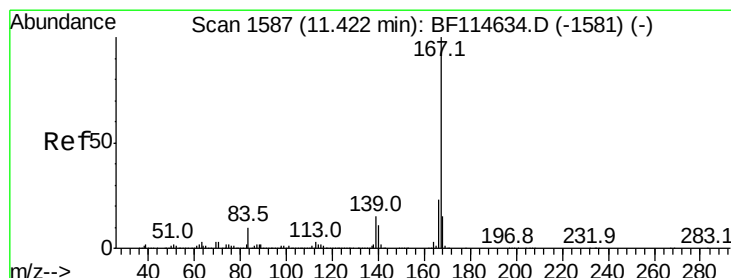
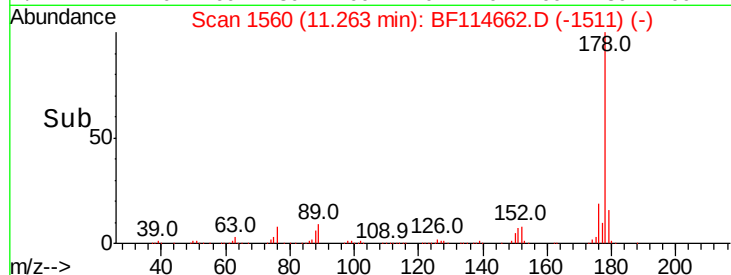
400000

200000

0

11.26

Time--> 11.20 11.25 11.30



#73

Carbazole

Concen: 5.979 ng

RT: 11.42 min Scan# 1586

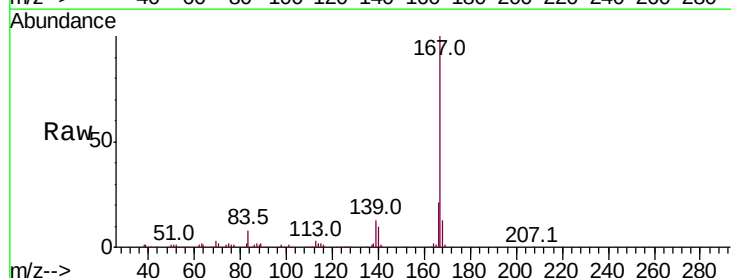
Delta R.T. -0.01 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

Tgt Ion:167 Resp: 401642

Ion	Ratio	Lower	Upper
167	100		
166	21.0	18.7	28.1
139	12.7	11.8	17.8



Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

600000

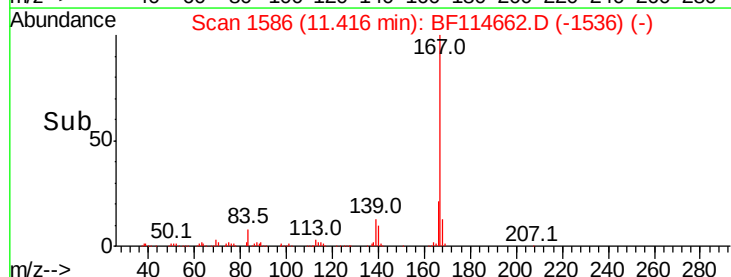
400000

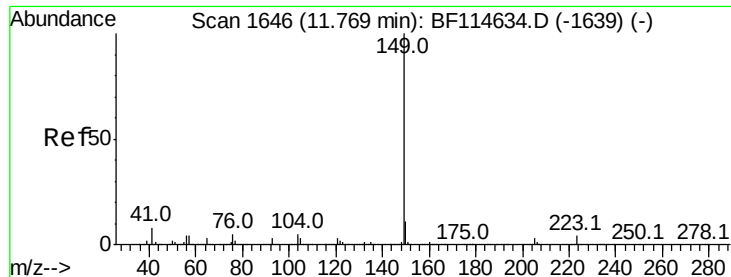
200000

0

11.42

Time--> 11.35 11.40 11.45 11.50





#74

Di-n-butylphthalate

Concen: 2.576 ng

RT: 11.76 min Scan# 1645

Delta R.T. -0.01 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

Instrument :

BNA_F

ClientSampleId :

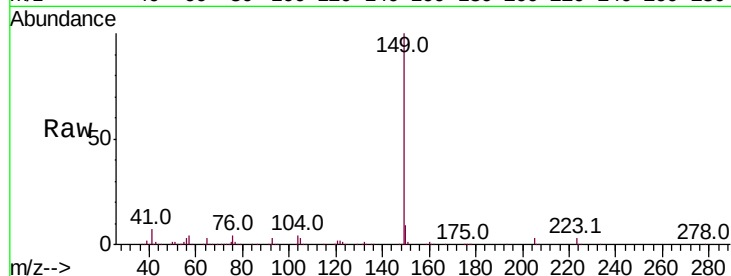
Tot Ion:149 Resp: 488052

Ion Ratio Lower Upper

149 100

150 9.0 8.6 12.8

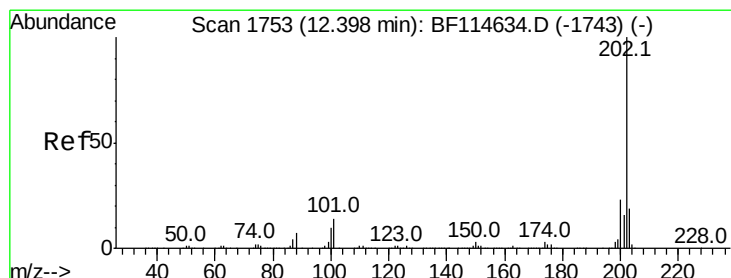
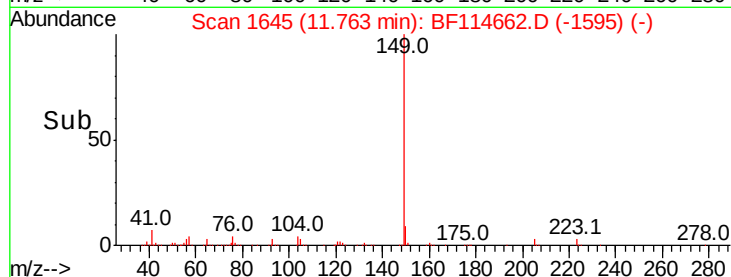
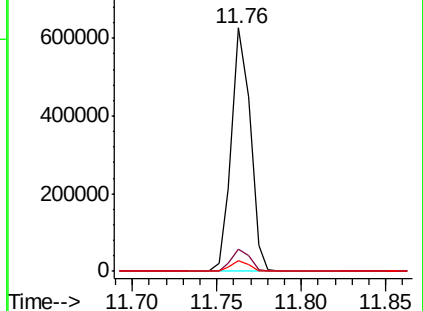
104 4.4 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 5.831 ng

RT: 12.39 min Scan# 1752

Delta R.T. -0.00 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

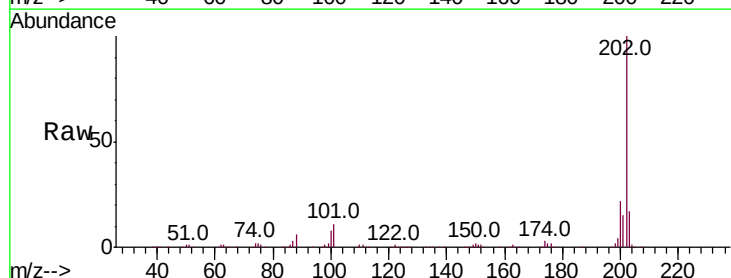
Tgt Ion:202 Resp: 456030

Ion Ratio Lower Upper

202 100

101 11.5 0.0 33.9

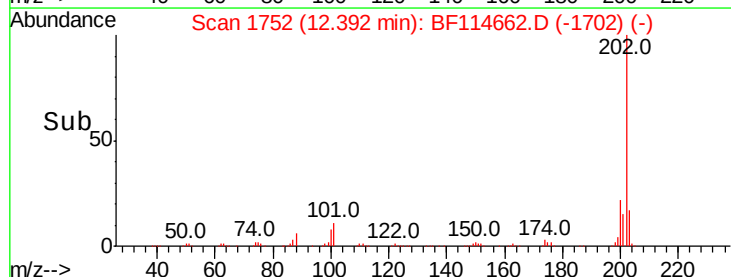
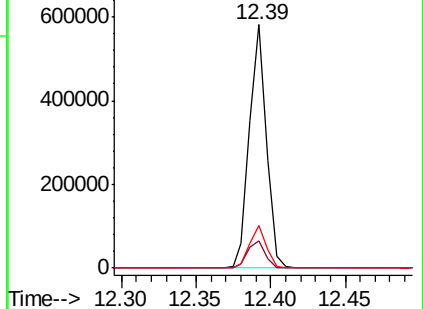
203 17.3 0.0 39.1

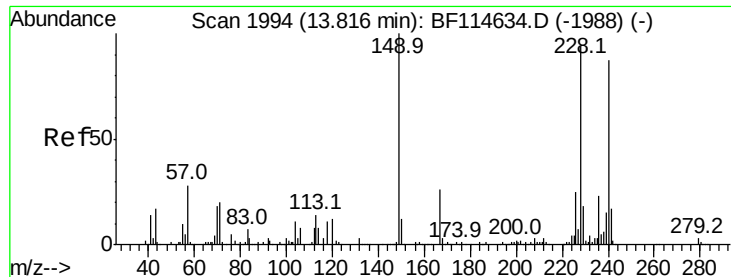


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

Instrument :

BNA_F

ClientSampleId :

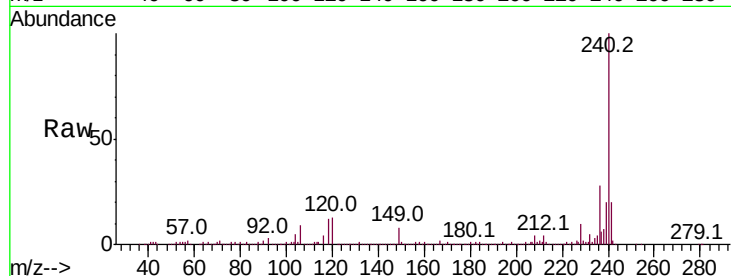
Tot Ion:240 Resp: 1117835

Ion Ratio Lower Upper

240 100

120 13.4 11.2 16.8

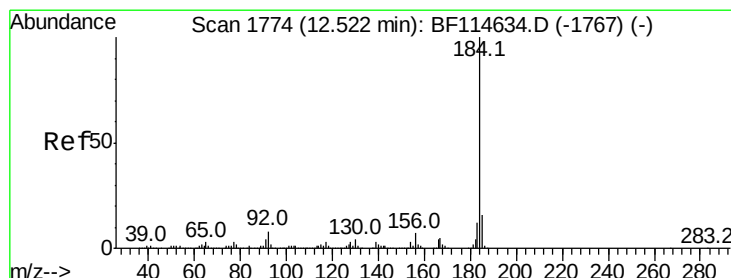
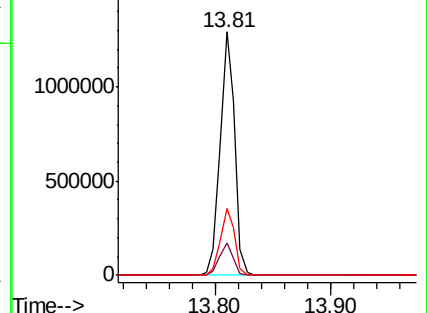
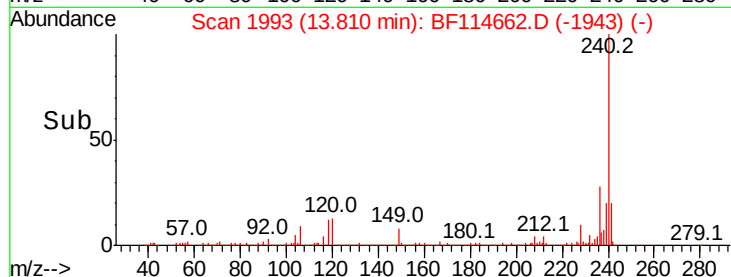
236 27.7 21.2 31.8



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: 4.743 ng

RT: 12.52 min Scan# 1773

Delta R.T. -0.01 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

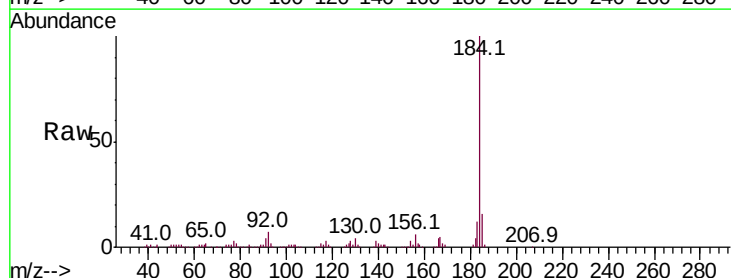
Tgt Ion:184 Resp: 218345

Ion Ratio Lower Upper

184 100

185 16.5 12.6 18.8

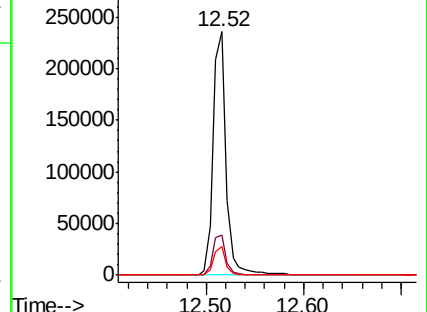
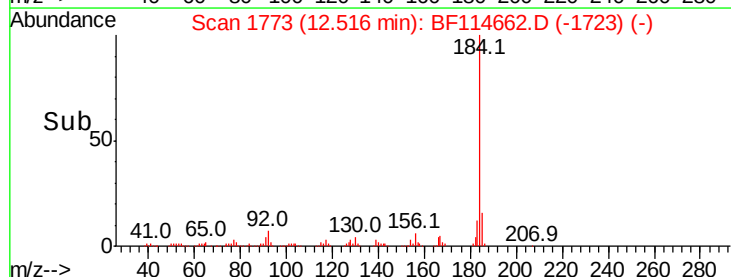
183 11.9 9.4 14.2

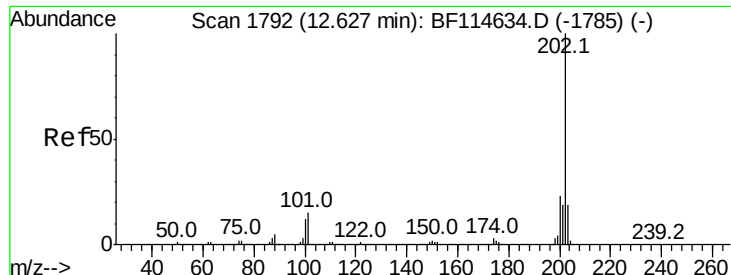


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Pvrene

Concen: 5.007 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

Instrument :

BNA_F

ClientSampleId :

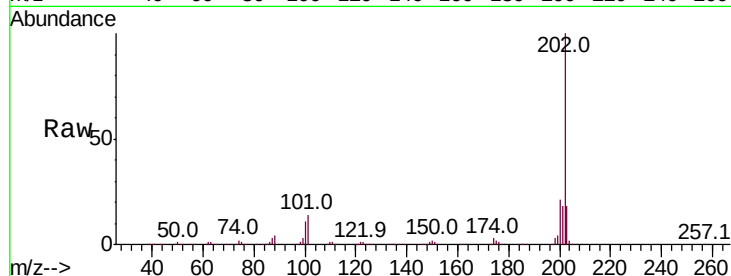
Tot Ion:202 Resp: 473480

Ion Ratio Lower Upper

202 100

200 21.1 18.6 28.0

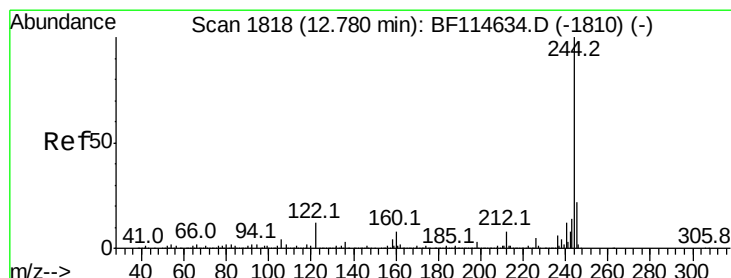
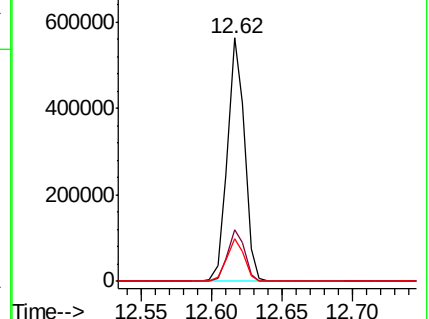
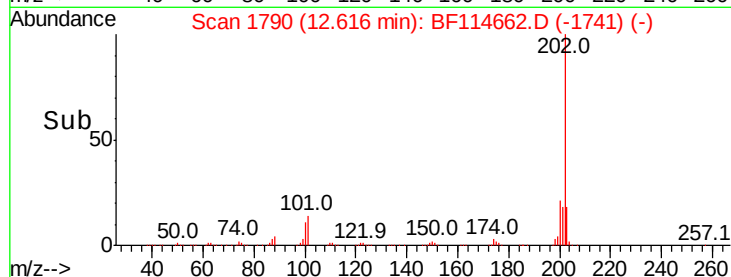
203 17.7 15.4 23.2



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: 66.138 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

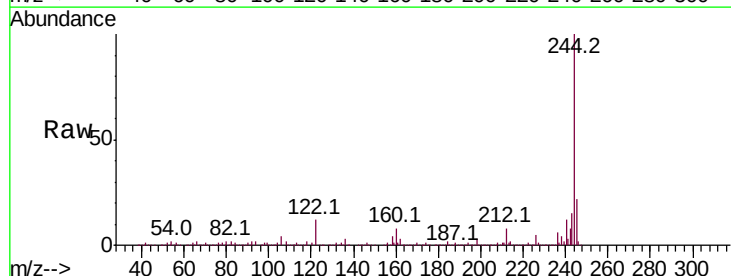
Tgt Ion:244 Resp: 3932221

Ion Ratio Lower Upper

244 100

212 7.9 6.1 9.1

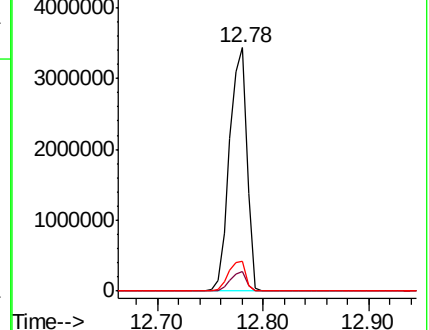
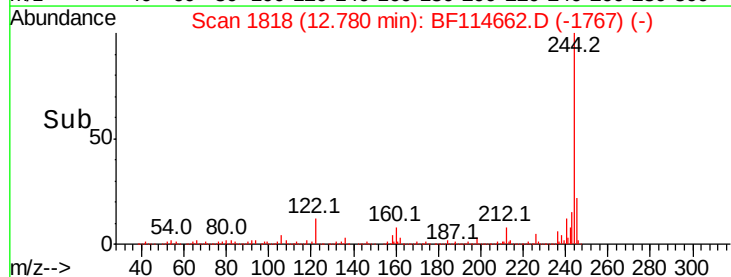
122 12.2 9.8 14.8

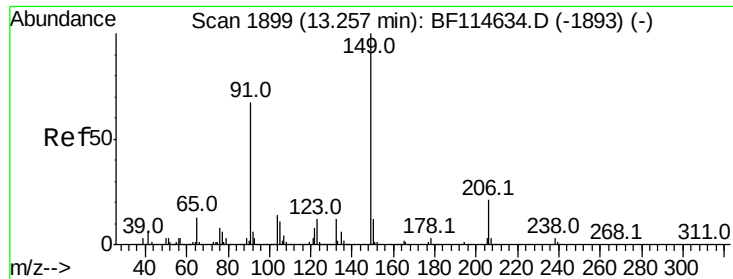


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

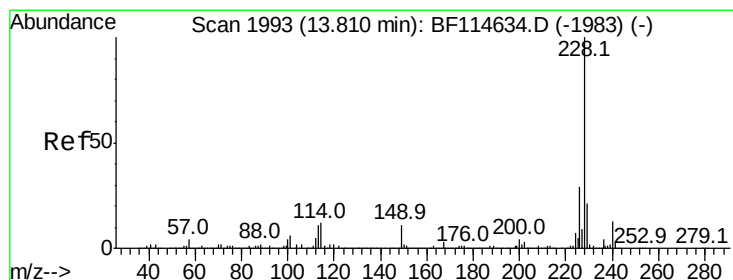
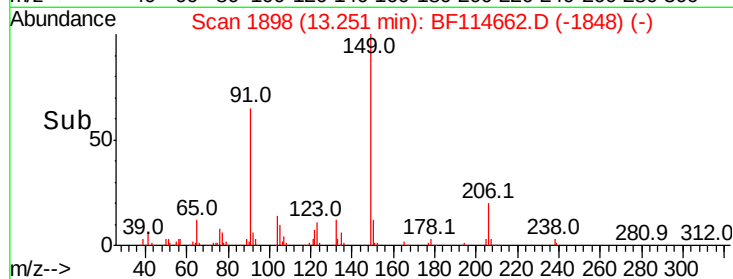
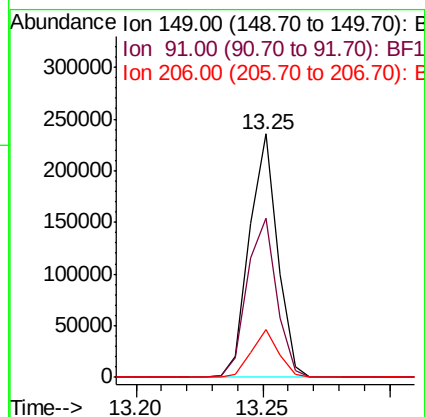
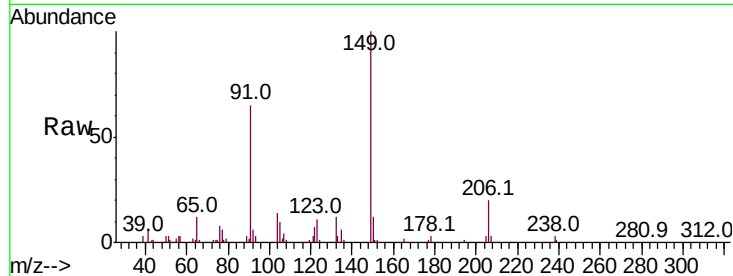




#80
Butylbenzylphthalate
Concen: 3.846 ng
RT: 13.25 min Scan# 1898
Delta R.T. -0.01 min
Lab File: BF114662.D
Acq: 30 May 2019 15:46

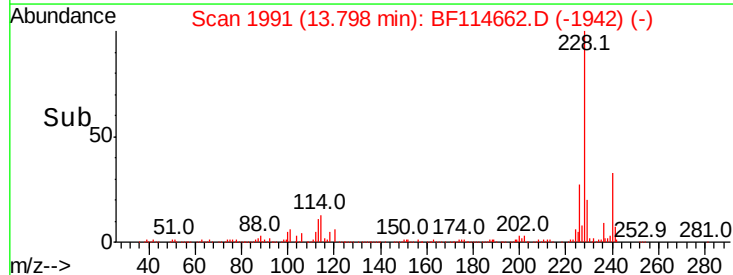
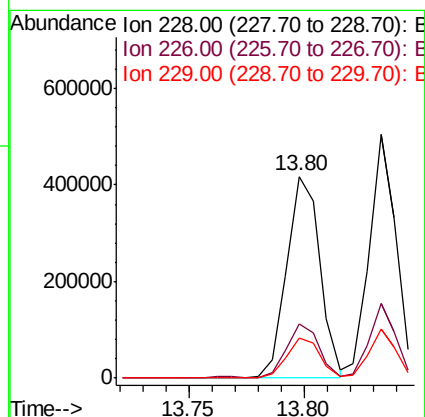
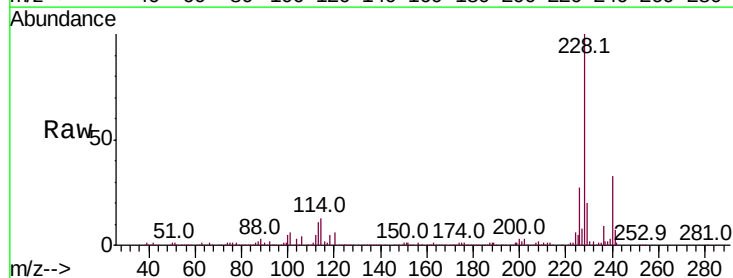
Instrument :
BNA_F
ClientSampleId :

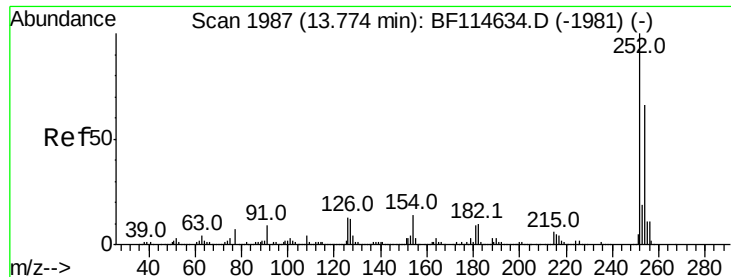
Tot Ion	Ratio	Lower	Upper
149	100		
91	65.4	53.8	80.8
206	19.7	16.9	25.3



#81
Benzo(a)anthracene
Concen: 4.824 ng
RT: 13.80 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BF114662.D
Acq: 30 May 2019 15:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.6	23.0	34.6
229	20.1	17.0	25.4





#82

3,3'-Dichlorobenzidine

Concen: 4.346 ng

RT: 13.77 min Scan# 1986

Delta R.T. -0.01 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

Instrument :

BNA_F

ClientSampleId :

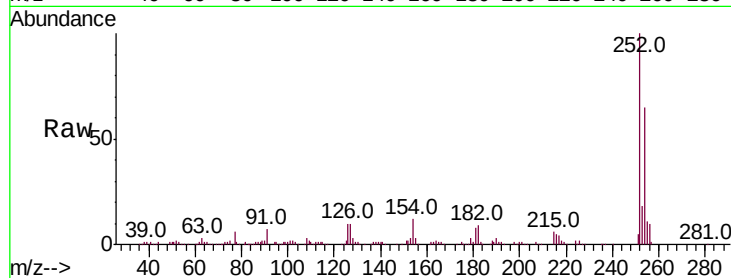
Tot Ion:252 Resp: 144175

Ion Ratio Lower Upper

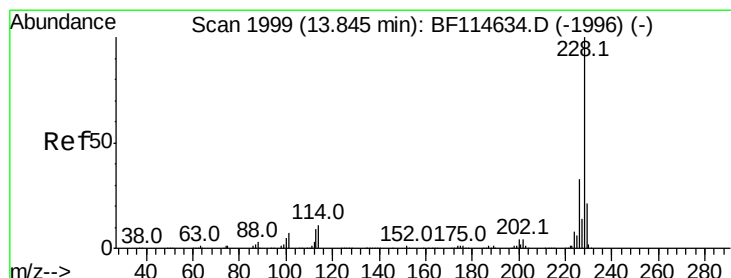
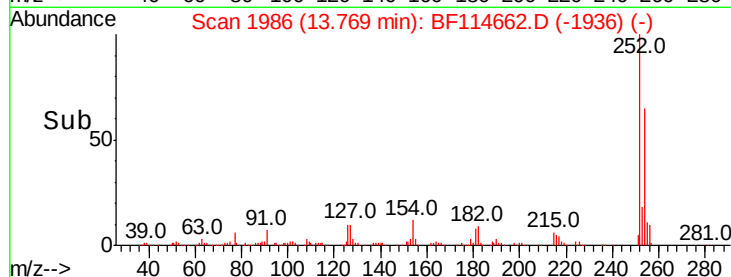
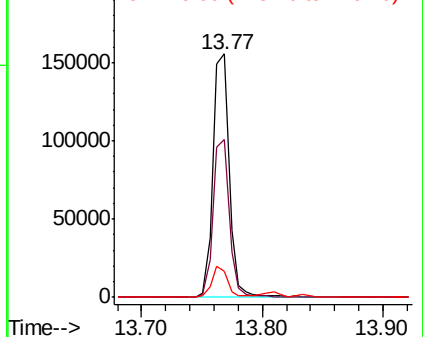
252 100

254 64.8 53.1 79.7

126 10.5 10.2 15.2



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



#83

Chrysene

Concen: 4.978 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

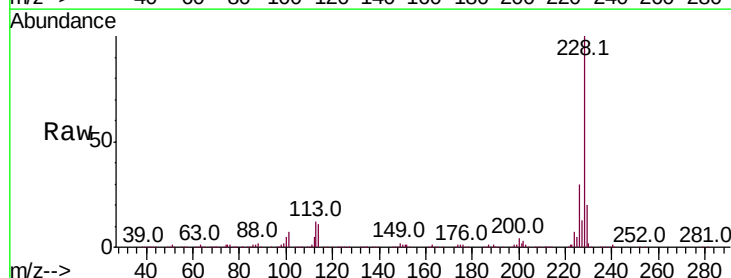
Tgt Ion:228 Resp: 408531

Ion Ratio Lower Upper

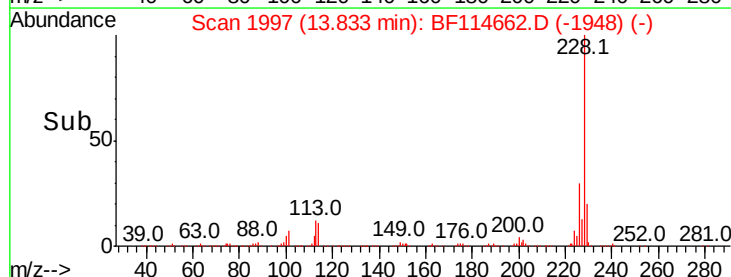
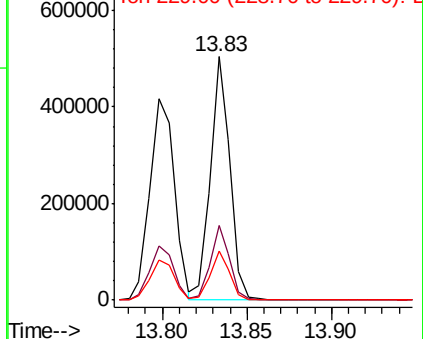
228 100

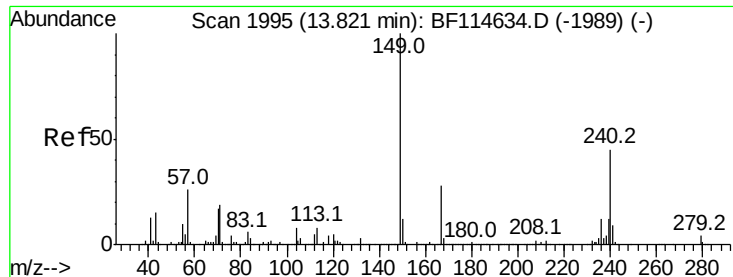
226 30.4 26.4 39.6

229 20.0 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: 4.500 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

Instrument :

BNA_F

ClientSampleId :

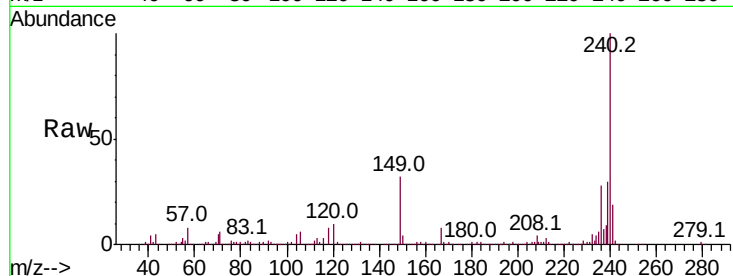
Tot Ion:149 Resp: 264369

Ion Ratio Lower Upper

149 100

167 26.4 22.6 33.8

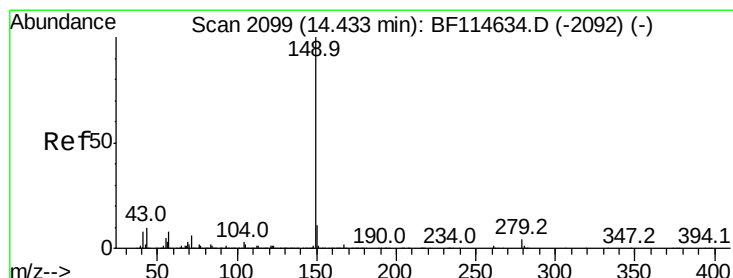
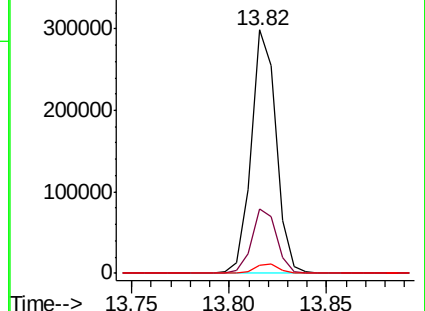
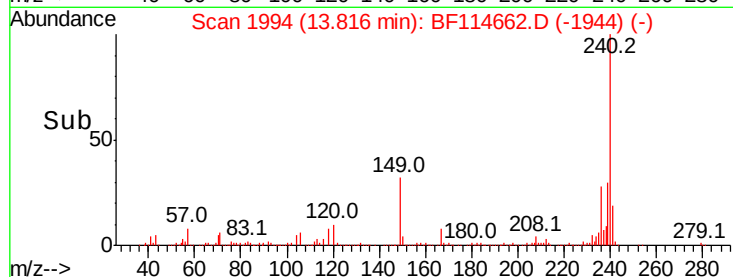
279 3.3 3.0 4.4



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: 4.178 ng

RT: 14.42 min Scan# 2097

Delta R.T. -0.01 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

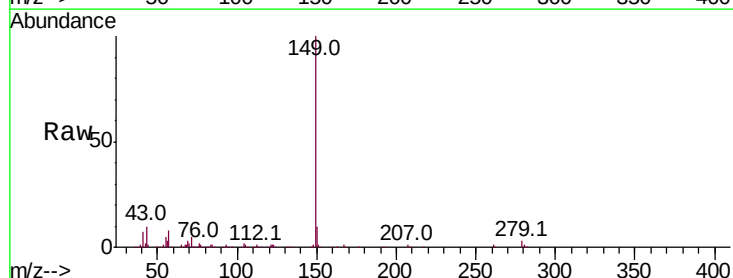
Tgt Ion:149 Resp: 426483

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

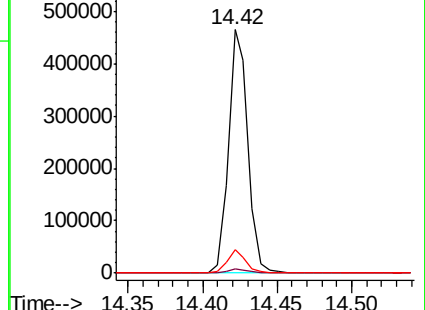
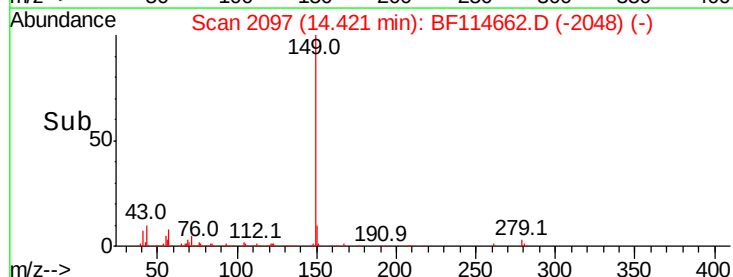
43 8.9 8.0 12.0

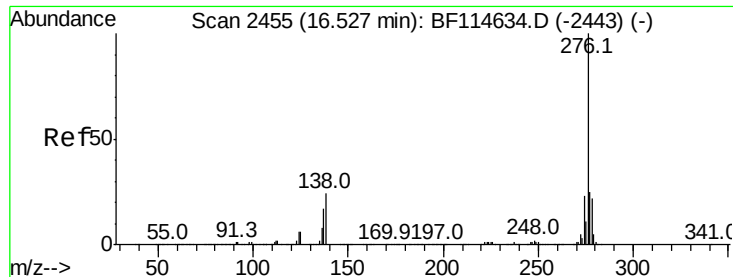


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

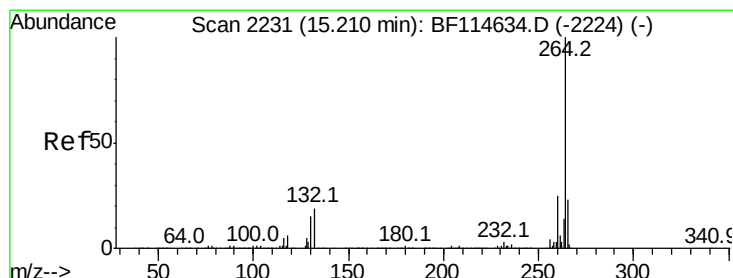
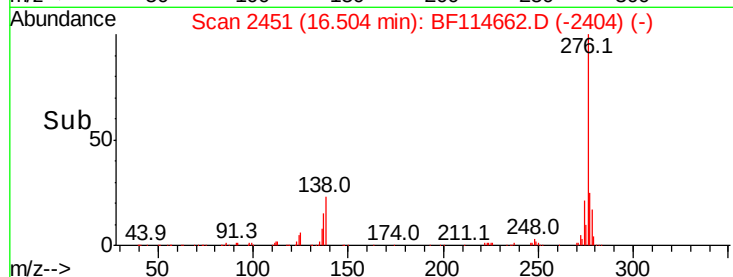
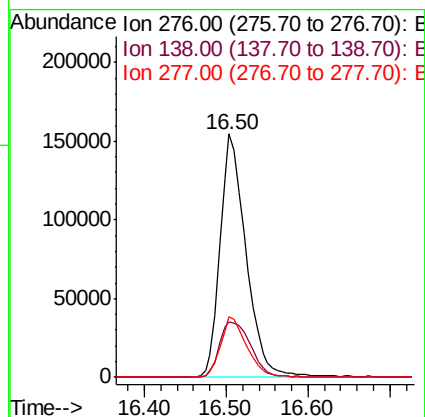
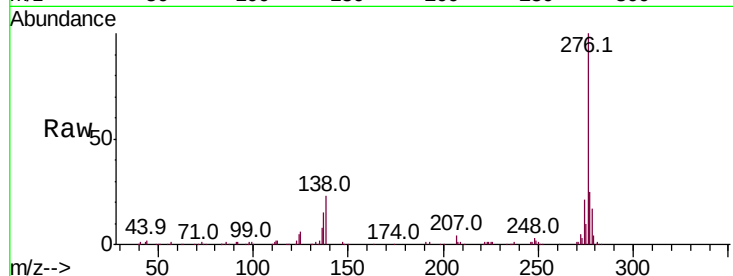




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 4.172 ng
 RT: 16.50 min Scan# 2451
 Delta R.T. -0.02 min
 Lab File: BF114662.D
 Acq: 30 May 2019 15:46

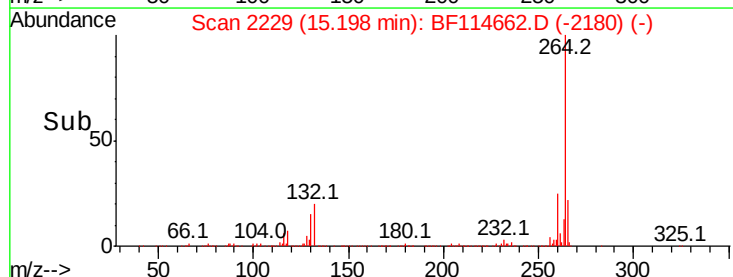
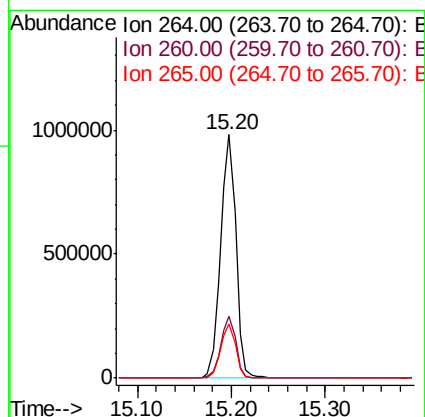
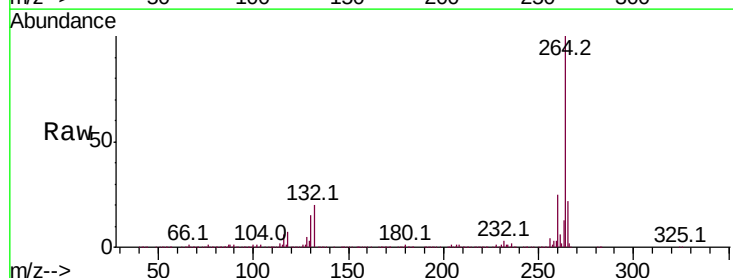
Instrument :
 BNA_F
 ClientSampleId :

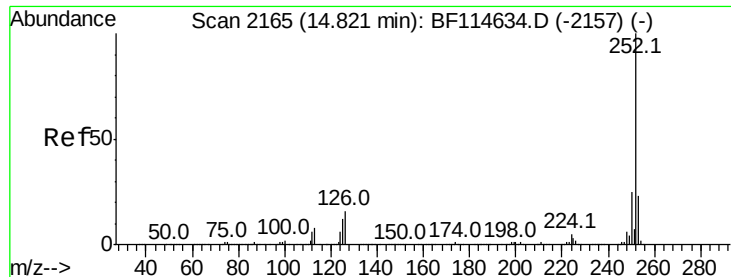
Tot Ion	Ratio	Lower	Upper
276	100		
138	27.4	23.0	34.6
277	25.0	20.5	30.7



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.20 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BF114662.D
 Acq: 30 May 2019 15:46

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.7	29.5
265	22.1	18.1	27.1





#88

Benzo(b)fluoranthene

Concen: 5.142 ng

RT: 14.80 min Scan# 2162

Delta R.T. -0.02 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

Instrument :

BNA_F

ClientSampled :

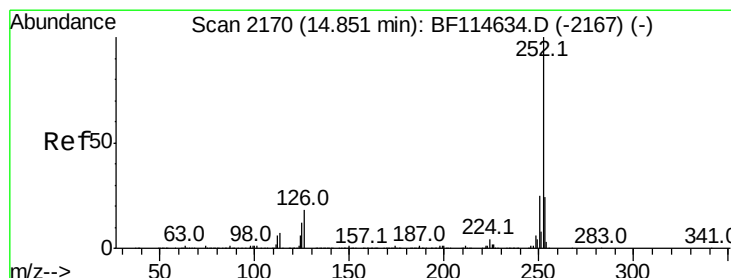
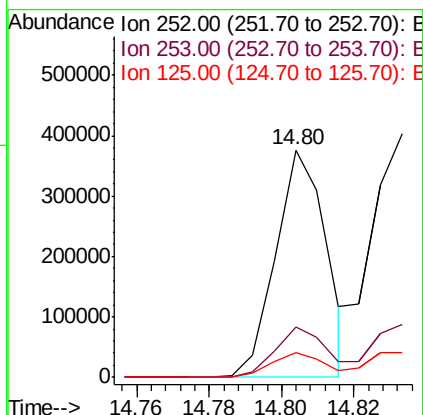
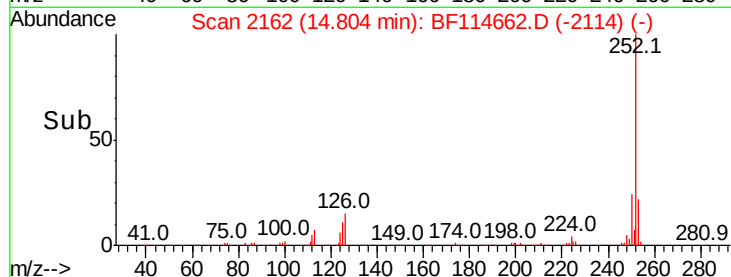
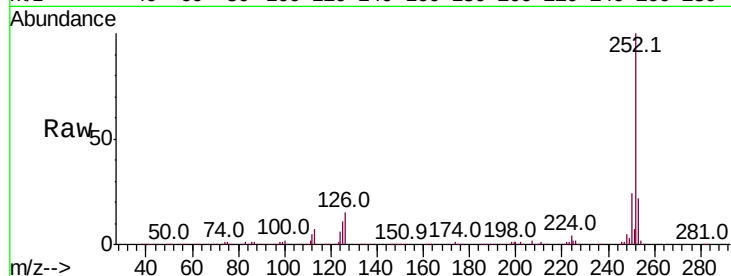
Tot Ion:252 Resp: 365751

Ion Ratio Lower Upper

252 100

253 22.2 18.7 28.1

125 11.1 9.4 14.2



#89

Benzo(k)fluoranthene

Concen: 6.351 ng

RT: 14.83 min Scan# 2167

Delta R.T. -0.02 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

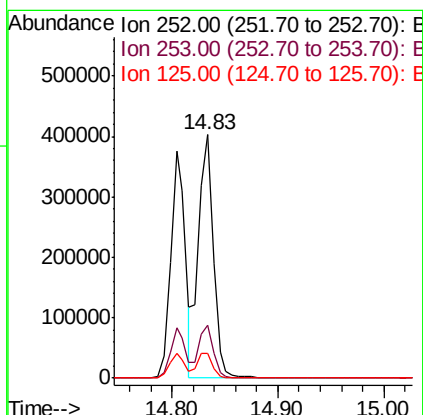
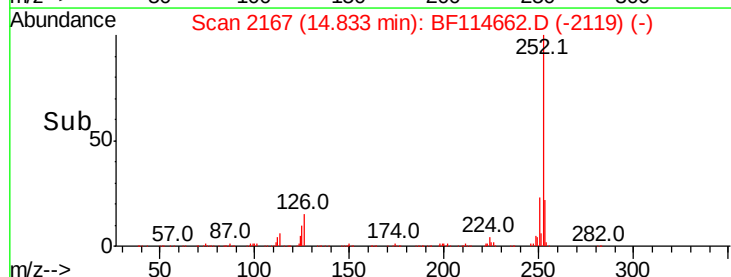
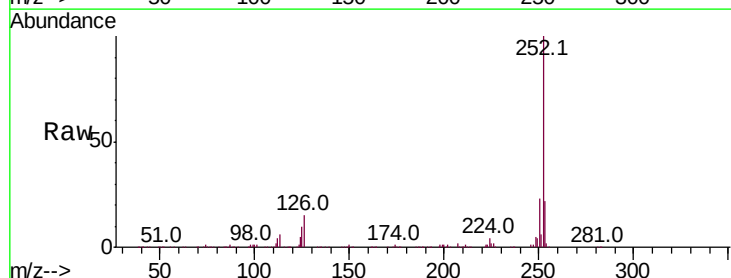
Tgt Ion:252 Resp: 392654

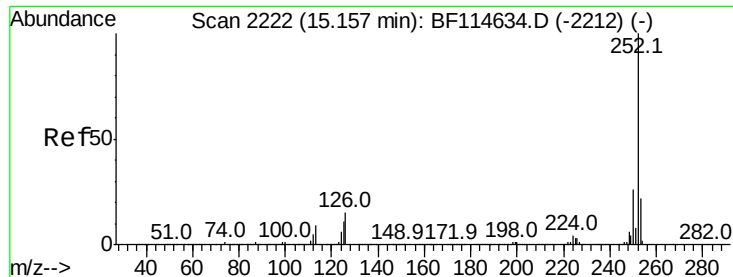
Ion Ratio Lower Upper

252 100

253 21.8 18.9 28.3

125 10.4 9.5 14.3





#90

Benzo(a)pyrene

Concen: 5.573 ng

RT: 15.14 min Scan# 2219

Delta R.T. -0.02 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

Instrument :

BNA_F

ClientSampleId :

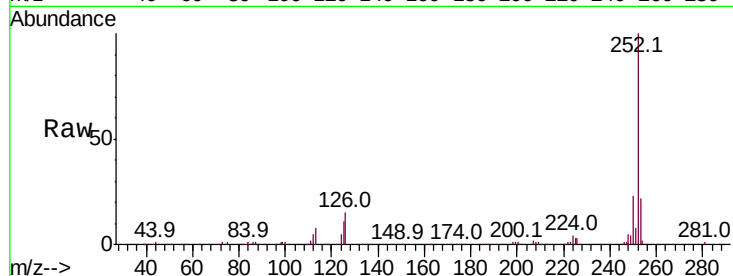
Tot Ion:252 Resp: 348295

Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

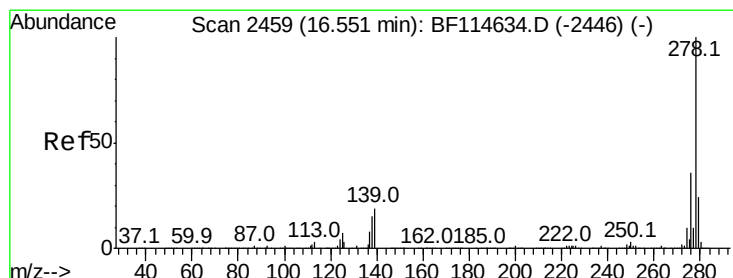
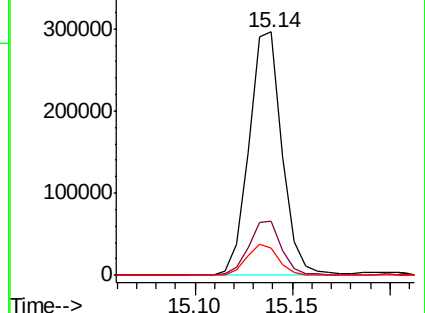
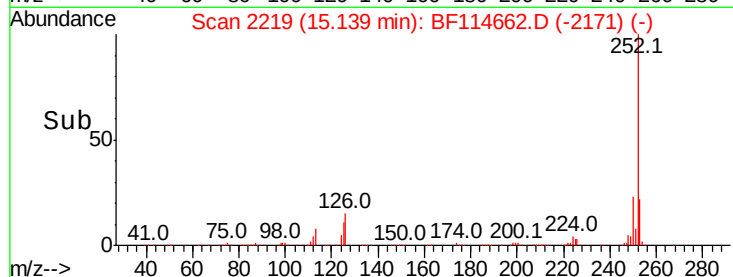
125 11.2 9.2 13.8



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: 5.204 ng

RT: 16.53 min Scan# 2455

Delta R.T. -0.02 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

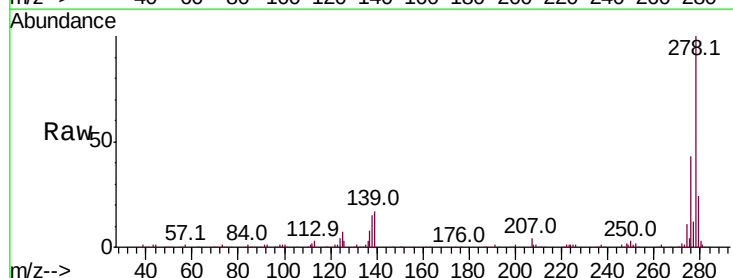
Tgt Ion:278 Resp: 287372

Ion Ratio Lower Upper

278 100

139 17.0 14.9 22.3

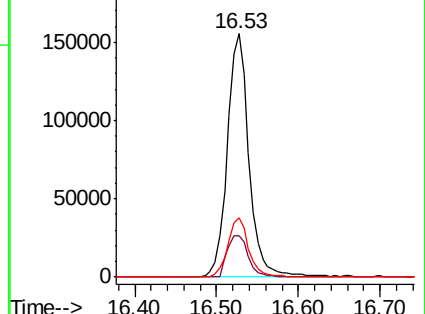
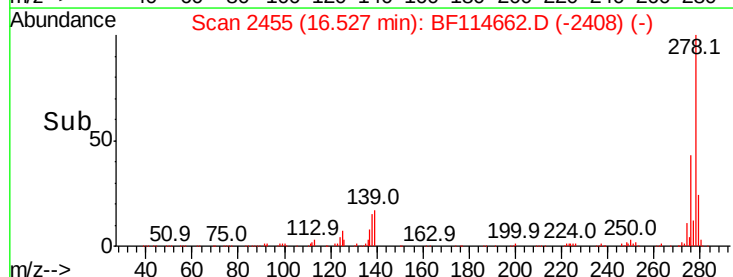
279 24.2 19.5 29.3

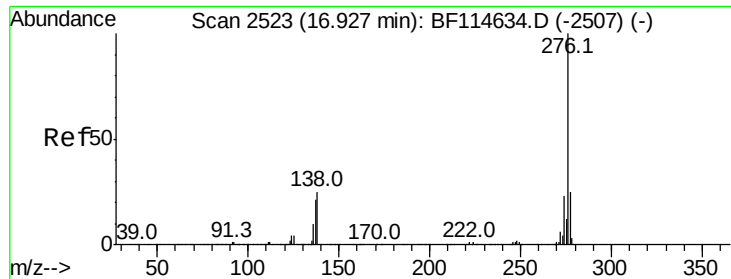


Abundance Ion 278.00 (277.70 to 278.70): E

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: 5.115 ng

RT: 16.90 min Scan# 2518

Delta R.T. -0.03 min

Lab File: BF114662.D

Acq: 30 May 2019 15:46

Instrument :

BNA_F

ClientSampleId :

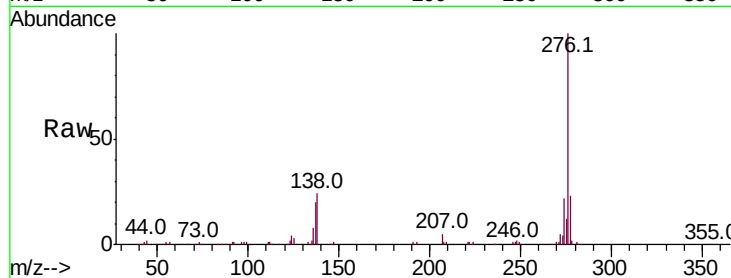
Tot Ion:276 Resp: 274171

Ion Ratio Lower Upper

276 100

277 22.5 19.7 29.5

138 23.6 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

