

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060217\
 Data File : BF095657.D
 Acq On : 3 Jun 2017 4:53
 Operator : SJ/MA
 Sample : PB99424BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB99424BS

Quant Time: Jun 05 05:00:35 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 18:51:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	84668	20.00	ng	0.00
21) Naphthalene-d8	9.57	136	337523	20.00	ng	0.00
38) Acenaphthene-d10	12.40	164	135062	20.00	ng	0.00
63) Phenanthrene-d10	14.80	188	193269	20.00	ng	0.00
75) Chrysene-d12	18.50	240	153641	20.00	ng	0.00
86) Perylene-d12	20.17	264	107275	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	460889	90.75	ng	0.02
7) Phenol-d6	7.09	99	544196	89.31	ng	0.00
23) Nitrobenzene-d5	8.46	82	458912	85.74	ng	0.00
41) 2,4,6-Tribromophenol	13.70	330	89472	80.89	ng	0.00
44) 2-Fluorobiphenyl	11.35	172	887726	94.60	ng	0.00
78) Terphenyl-d14	17.15	244	553693	79.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.91	88	77604	31.16	ng	93
3) Pyridine	2.50	79	200248	34.69	ng	95
4) n-Nitrosodimethylamine	2.47	42	88287	36.69	ng	# 75
6) Aniline	7.03	93	270598	35.18	ng	95
8) 2-Chlorophenol	7.23	128	251428	43.50	ng	95
9) Benzaldehyde	6.85	77	131979	35.47	ng	99
10) Phenol	7.11	94	307125	47.83	ng	92
11) bis(2-Chloroethyl)ether	7.17	93	216061	40.76	ng	97
12) 1,3-Dichlorobenzene	7.44	146	260018	39.66	ng	98
13) 1,4-Dichlorobenzene	7.56	146	266748	40.12	ng	98
14) 1,2-Dichlorobenzene	7.80	146	252764	40.72	ng	95
15) Benzyl Alcohol	7.83	79	190861	48.70	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.04	45	309105	41.20	ng	97
17) 2-Methylphenol	8.06	107	206455	43.64	ng	95
18) Hexachloroethane	8.32	117	69122	30.69	ng	# 87
19) n-Nitroso-di-n-propylamine	8.26	70	170492	41.37	ng	94
20) 3+4-Methylphenols	8.32	107	266223	41.42	ng	# 56
22) Acetophenone	8.22	105	336695	41.58	ng	# 83
24) Nitrobenzene	8.49	77	236762	42.20	ng	92
25) Isophorone	8.88	82	428003	44.78	ng	# 94
26) 2-Nitrophenol	8.99	139	119528	39.48	ng	98
27) 2,4-Dimethylphenol	9.14	122	215937	44.12	ng	97
28) bis(2-Chloroethoxy)methane	9.26	93	281223	42.53	ng	99
29) 2,4-Dichlorophenol	9.43	162	200206	43.32	ng	98
30) 1,2,4-Trichlorobenzene	9.50	180	197659	39.92	ng	96
31) Naphthalene	9.60	128	692084	40.80	ng	99
32) Benzoic acid	9.47	122	76108	26.26	ng	97
33) 4-Chloroaniline	9.75	127	181258	28.67	ng	# 93
34) Hexachlorobutadiene	9.82	225	100277	38.38	ng	98
35) Caprolactam	10.38	113	60144	43.34	ng	# 83
36) 4-Chloro-3-methylphenol	10.62	107	199312	40.34	ng	93
37) 2-Methylnaphthalene	10.73	142	464186	41.69	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.01	216	181074	43.60	ng	98
40) Hexachlorocyclopentadiene	10.98	237	5237	8.83	ng	98

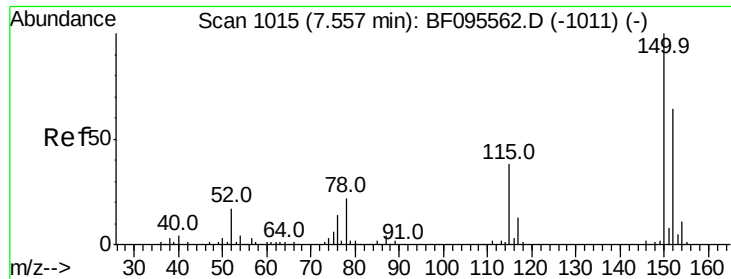
Data Path : Z:\HPCHEM1\BNA F\DATA\BF060217\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.24	196	125207	45.15	nq	98
43) 2,4,5-Trichlorophenol	11.33	196	119365	40.05	nq	93
45) 1,1'-Biphenyl	11.50	154	511108	44.95	nq	98
46) 2-Chloronaphthalene	11.52	162	389473	42.42	nq	97
47) 2-Nitroaniline	11.73	65	115843	46.10	nq	# 82
48) Acenaphthylene	12.17	152	602385	41.89	nq	97
49) Dimethylphthalate	12.05	163	472864	42.65	nq	98
50) 2,6-Dinitrotoluene	12.15	165	92852	41.05	nq	# 91
51) Acenaphthene	12.45	154	346352	40.32	nq	99
52) 3-Nitroaniline	12.42	138	92697	38.18	nq	88
53) 2,4-Dinitrophenol	12.67	184	7689	11.94	nq	# 75
54) Dibenzofuran	12.74	168	529878	44.58	nq	98
55) 4-Nitrophenol	12.83	139	105169	72.12	nq	# 79
56) 2,4-Dinitrotoluene	12.82	165	113532	39.06	nq	# 91
57) Fluorene	13.29	166	400594	38.76	nq	99
58) 2,3,4,6-Tetrachlorophenol	12.99	232	78989	42.11	nq	95
59) Diethylphthalate	13.19	149	437969	41.21	nq	99
60) 4-Chlorophenyl-phenylether	13.32	204	188681	41.54	nq	# 88
61) 4-Nitroaniline	13.42	138	94046	42.19	nq	93
62) Azobenzene	13.57	77	374069	43.80	nq	94
64) 4,6-Dinitro-2-methylphenol	13.51	198	11097	8.57	nq	# 38
65) n-Nitrosodiphenylamine	13.53	169	354579	50.55	nq	99
66) 4-Bromophenyl-phenylether	14.10	248	98026	48.01	nq	99
67) Hexachlorobenzene	14.19	284	89175	42.61	nq	# 87
68) Atrazine	14.45	200	93087	47.00	nq	97
69) Pentachlorophenol	14.56	266	55795	60.51	nq	97
70) Phenanthrene	14.84	178	491572	44.27	nq	97
71) Anthracene	14.92	178	507389	44.73	nq	98
72) Carbazole	15.22	167	466888	45.24	nq	96
73) Di-n-butylphthalate	15.79	149	609044	47.32	nq	98
74) Fluoranthene	16.60	202	472285	41.46	nq	98
76) Benzidine	16.83	184	439725	97.89	nq	# 93
77) Pyrene	16.90	202	480657	41.83	nq	99
79) Butylbenzylphthalate	17.81	149	226307	42.34	nq	# 87
80) Benzo(a)anthracene	18.49	228	388089	43.40	nq	98
81) 3,3'-Dichlorobenzidine	18.47	252	146357	47.39	nq	# 96
82) Chrysene	18.53	228	373665	43.22	nq	98
83) Bis(2-ethylhexyl)phthalate	18.56	149	313282	41.14	nq	# 98
84) Di-n-octyl phthalate	19.33	149	541338	43.36	nq	96
85) Indeno(1,2,3-cd)pyrene	21.41	276	239191	34.07	nq	99
87) Benzo(b)fluoranthene	19.76	252	290690	43.85	nq	98
88) Benzo(k)fluoranthene	19.79	252	313301	49.00	nq	96
89) Benzo(a)pyrene	20.12	252	268691	43.93	nq	98
90) Dibenzo(a,h)anthracene	21.41	278	208798	41.33	nq	96
91) Benzo(g,h,i)perylene	21.77	276	204254	41.20	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.54 min Scan# 995

Delta R.T. -0.00 min

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Acq: 3 Jun 2017 4:53

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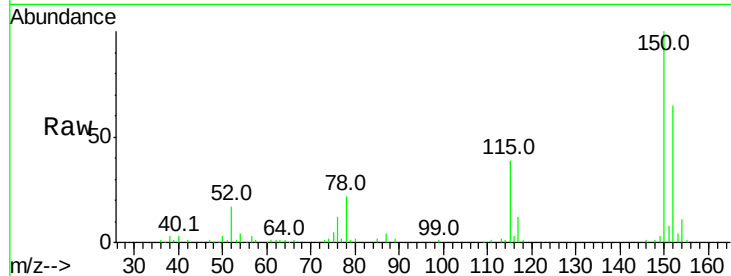
Tot Ion:152 Resp: 84668

Ion Ratio Lower Upper

152 100

150 154.8 126.2 189.2

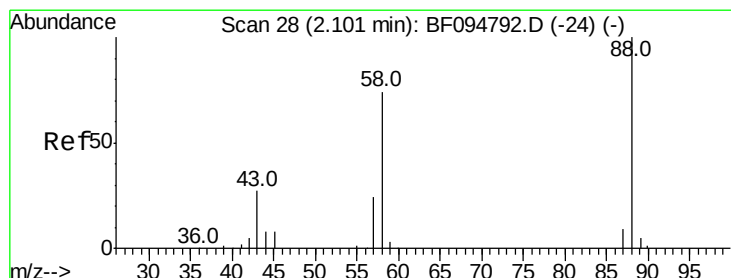
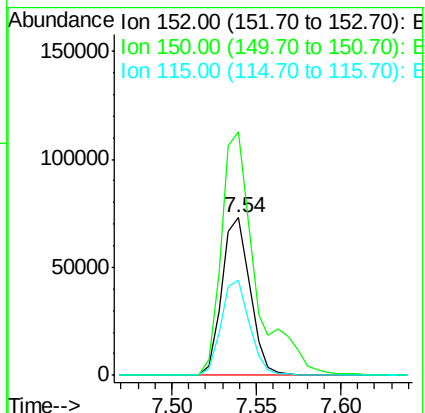
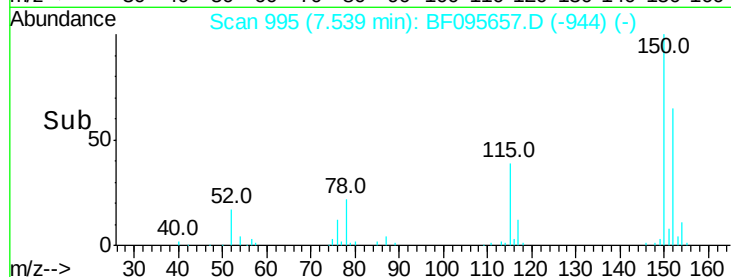
115 60.3 52.2 78.2



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: 31.16 ng

RT: 1.91 min Scan# 38

Delta R.T. 0.06 min

Lab File: BF095657.D

Acq: 3 Jun 2017 4:53

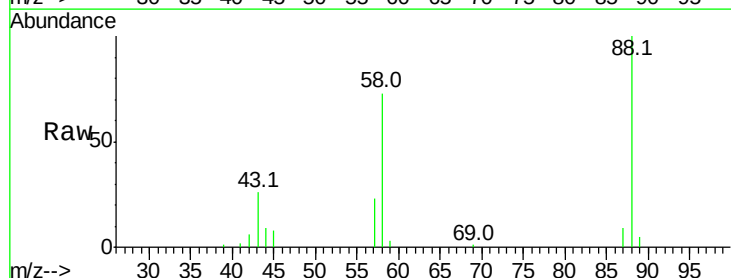
Tgt Ion: 88 Resp: 77604

Ion Ratio Lower Upper

88 100

58 70.7 61.4 92.0

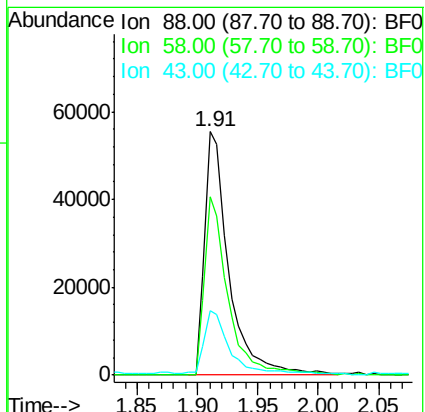
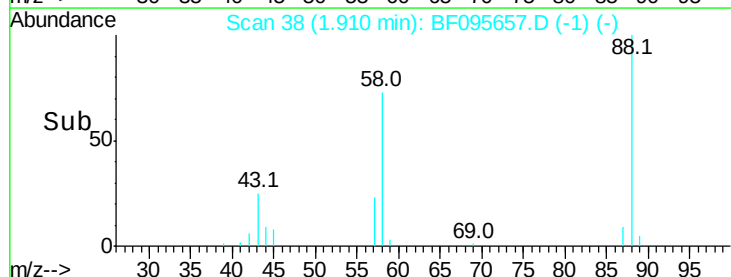
43 26.1 23.4 35.0

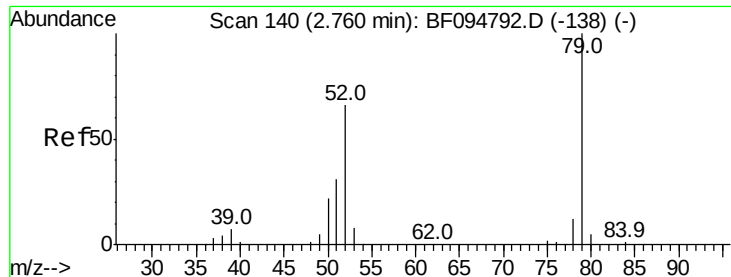


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 34.69 ng

RT: 2.50 min Scan# 138

Delta R.T. 0.06 min

Lab File: BF095657.D

Acq: 3 Jun 2017 4:53

Instrument :

BNA_F

ClientSampleId :

PB99424BS

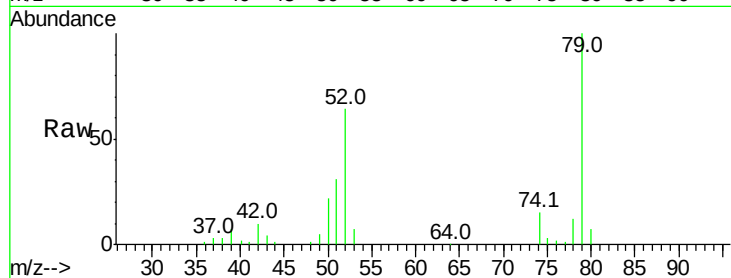
Tot Ion: 79 Resp: 200248

Ion Ratio Lower Upper

79 100

52 64.1 54.8 82.2

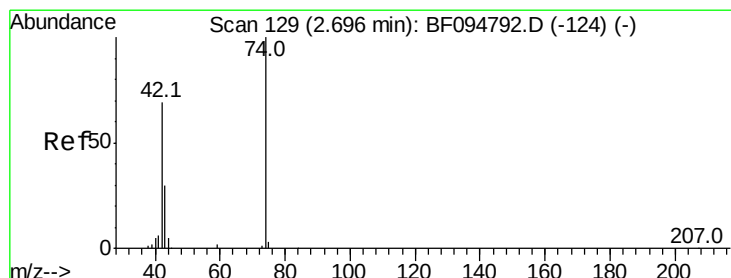
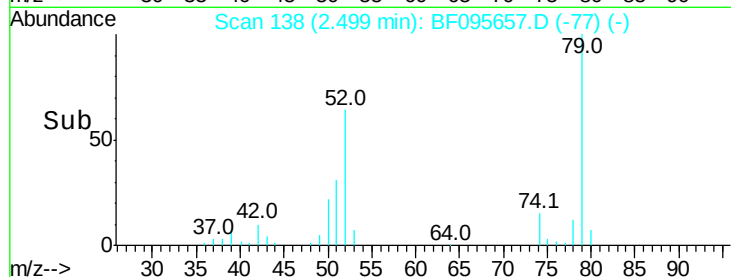
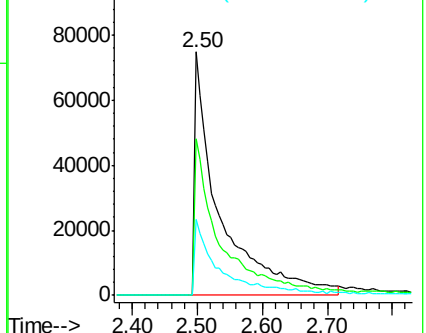
51 31.0 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 36.69 ng

RT: 2.47 min Scan# 133

Delta R.T. 0.05 min

Lab File: BF095657.D

Acq: 3 Jun 2017 4:53

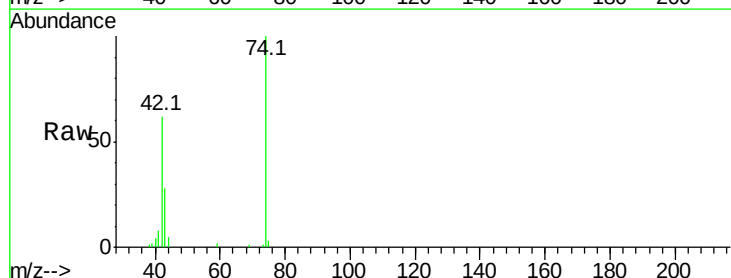
Tgt Ion: 42 Resp: 88287

Ion Ratio Lower Upper

42 100

74 160.6 103.9 155.9#

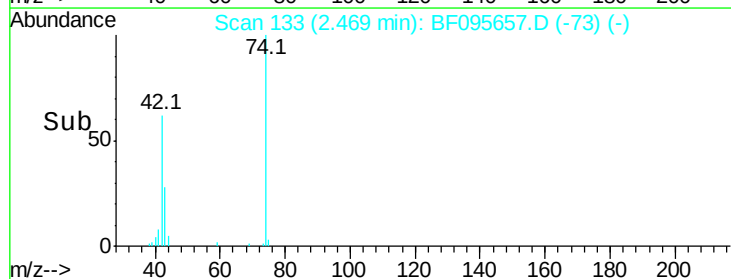
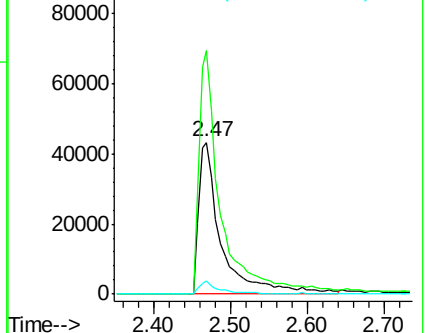
44 8.5 5.7 8.5

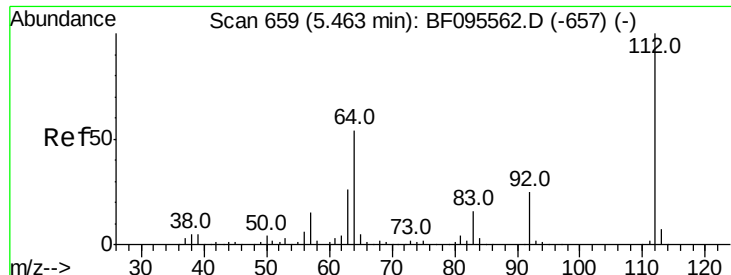


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 90.75 ng

RT: 5.46 min Scan# 642

Delta R.T. 0.02 min

Lab File: BF095657.D

Acq: 3 Jun 2017 4:53

Instrument :

BNA_F

ClientSampleId :

PB99424BS

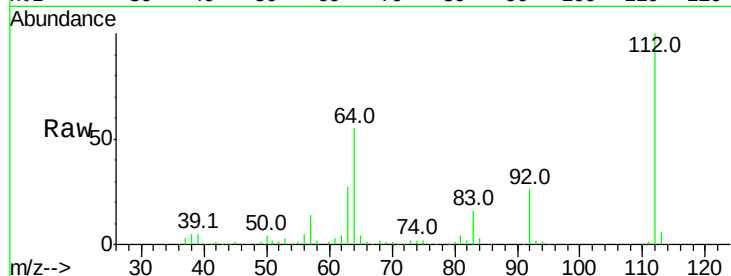
Tot Ion:112 Resp: 460889

Ion Ratio Lower Upper

112 100

64 54.5 46.0 69.0

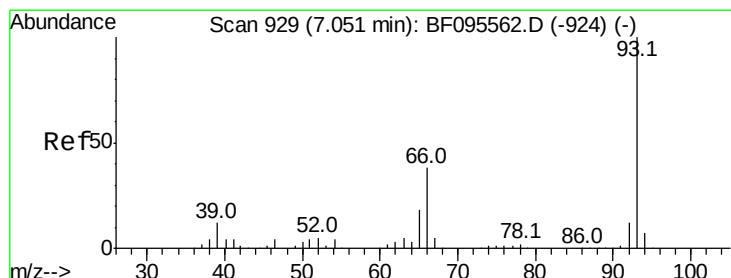
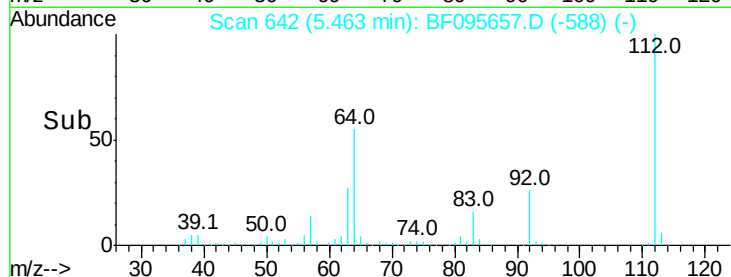
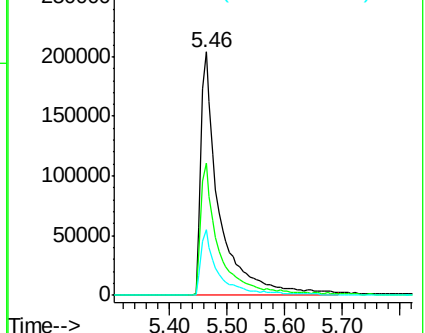
63 26.9 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 35.18 ng

RT: 7.03 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF095657.D

Acq: 3 Jun 2017 4:53

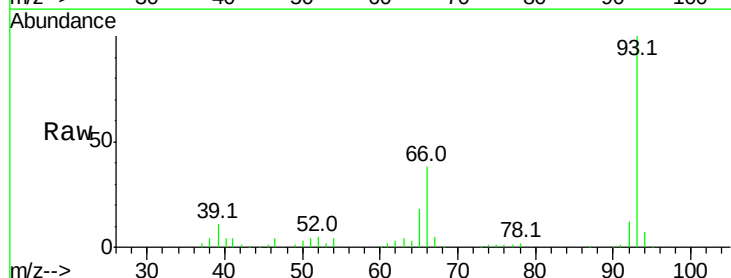
Tgt Ion: 93 Resp: 270598

Ion Ratio Lower Upper

93 100

66 37.6 32.9 49.3

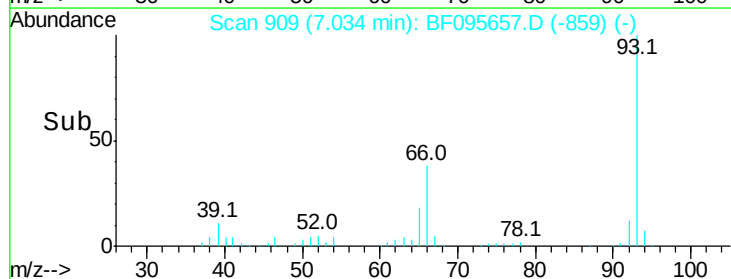
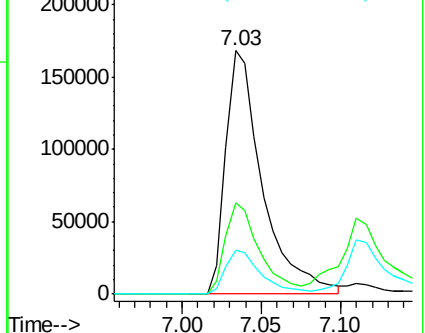
65 18.1 16.0 24.0

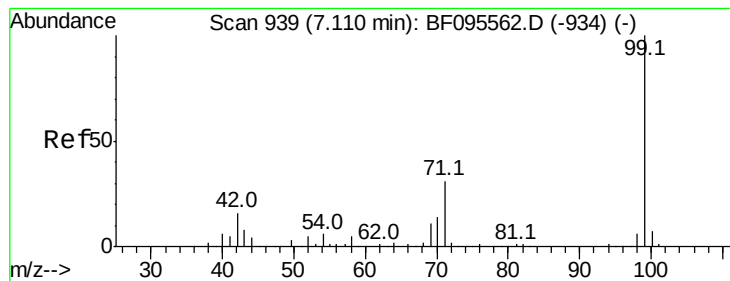


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 89.31 ng

RT: 7.09 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF095657.D

Acq: 3 Jun 2017 4:53

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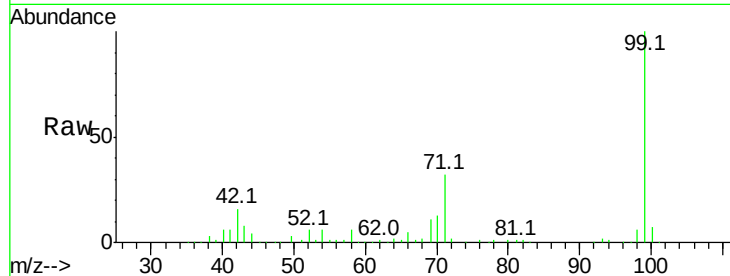
Tot Ion: 99 Resp: 544196

Ion Ratio Lower Upper

99 100

42 16.1 13.5 20.3

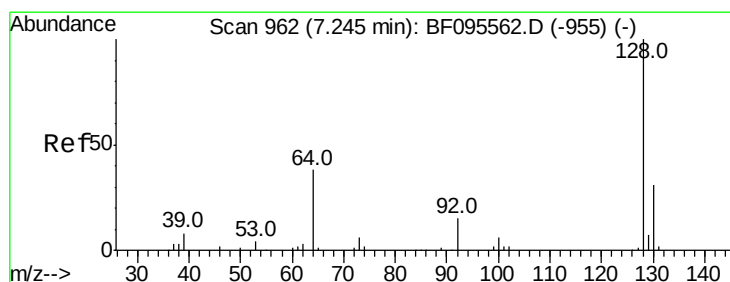
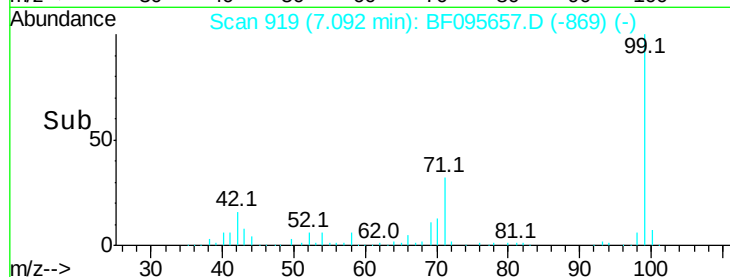
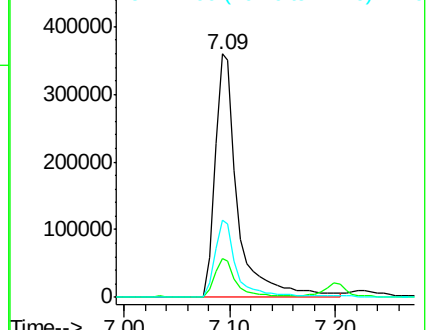
71 31.7 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 43.50 ng

RT: 7.23 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF095657.D

Acq: 3 Jun 2017 4:53

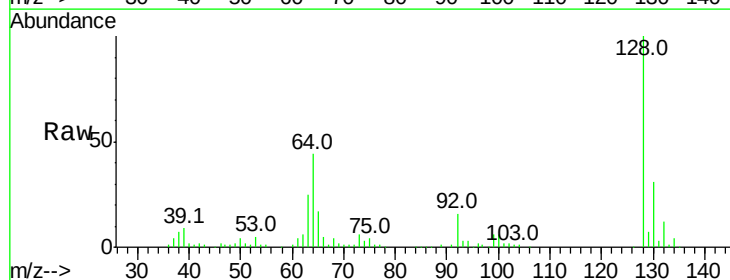
Tgt Ion:128 Resp: 251428

Ion Ratio Lower Upper

128 100

130 30.8 12.9 52.9

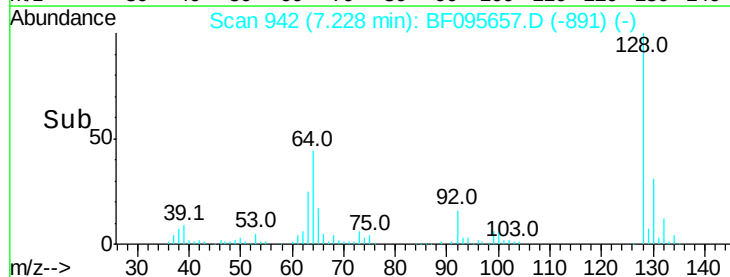
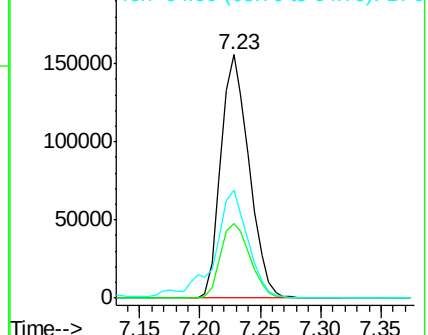
64 44.3 28.4 68.4

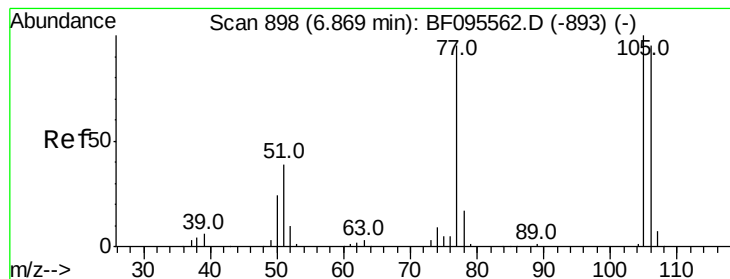


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 35.47 ng

RT: 6.85 min Scan# 877

Delta R.T. -0.01 min

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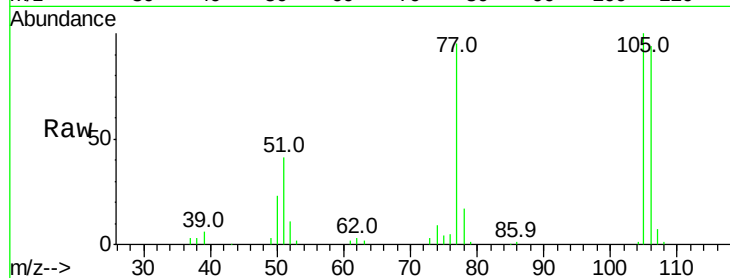
Tot Ion: 77 Resp: 131979

Ion Ratio Lower Upper

77 100

105 105.6 83.8 123.8

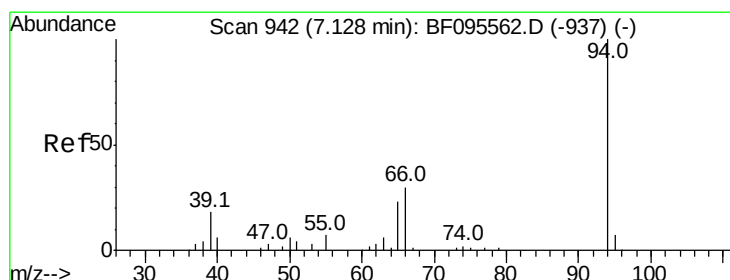
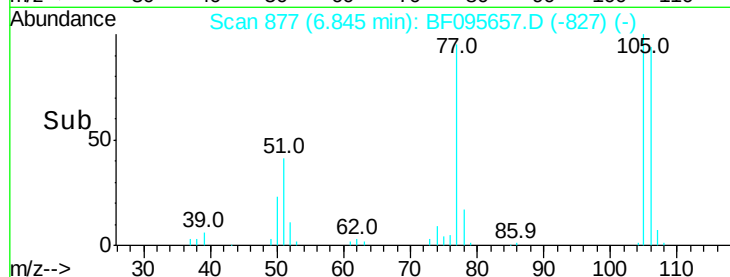
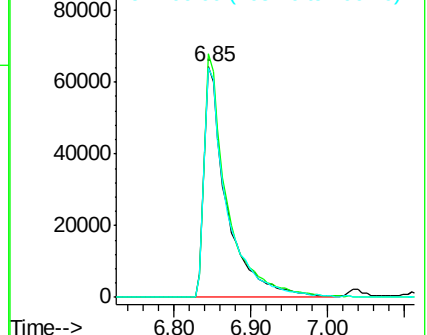
106 99.5 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 47.83 ng

RT: 7.11 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF095657.D

Acq: 3 Jun 2017 4:53

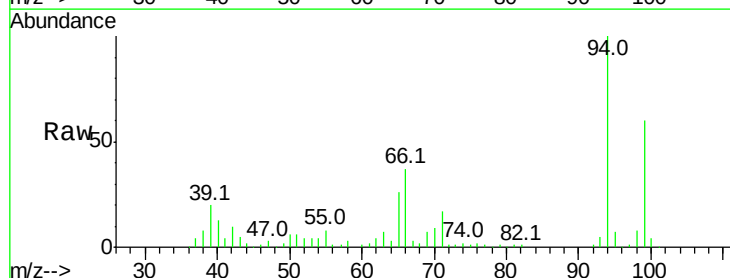
Tgt Ion: 94 Resp: 307125

Ion Ratio Lower Upper

94 100

65 26.3 9.9 49.9

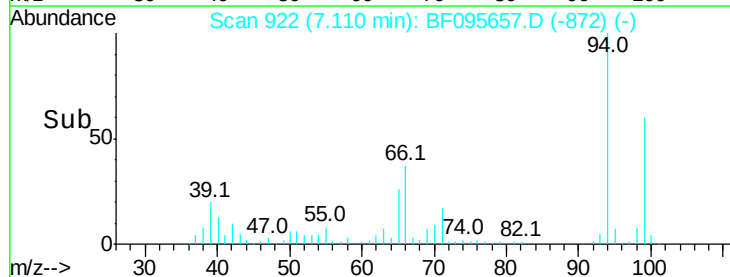
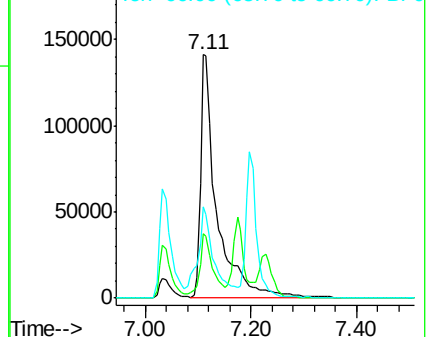
66 37.3 23.1 63.1

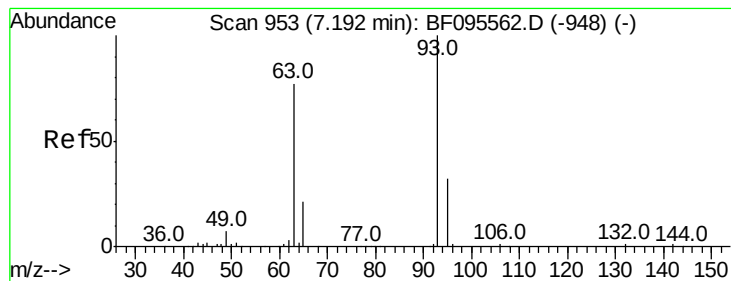


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

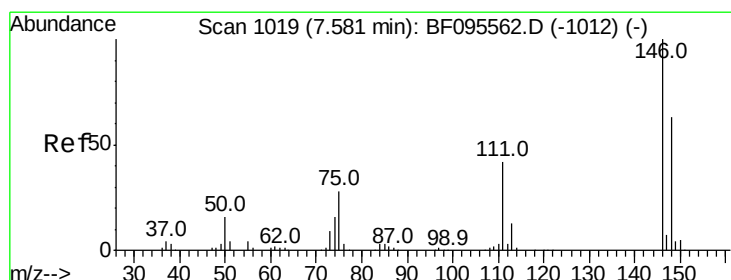
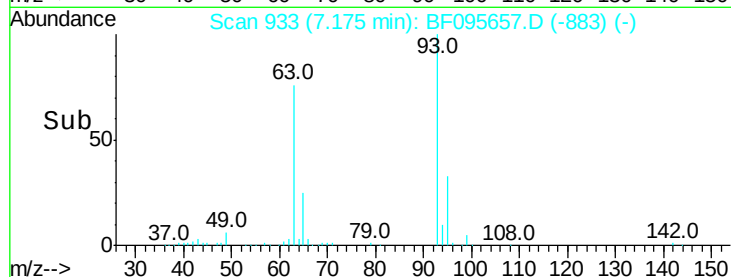
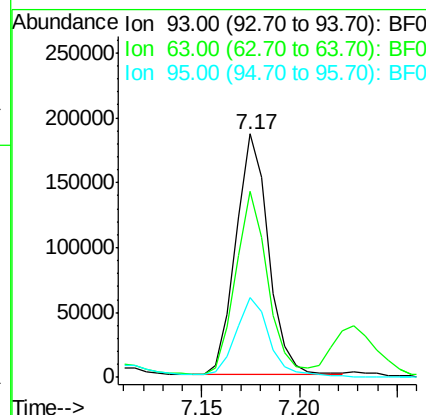
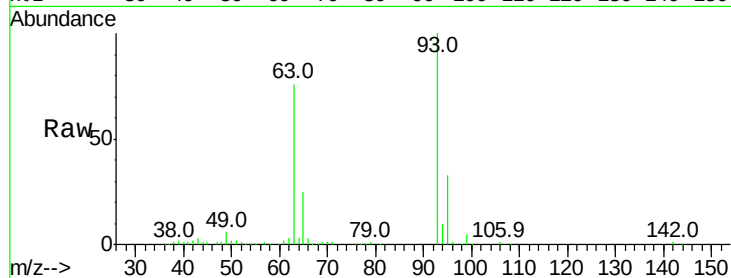




#11
bis(2-Chloroethyl)ether
Concen: 40.76 ng
RT: 7.17 min Scan# 933
Delta R.T. -0.01 min
Lab File: BF095657.D
Acq: 3 Jun 2017 4:53

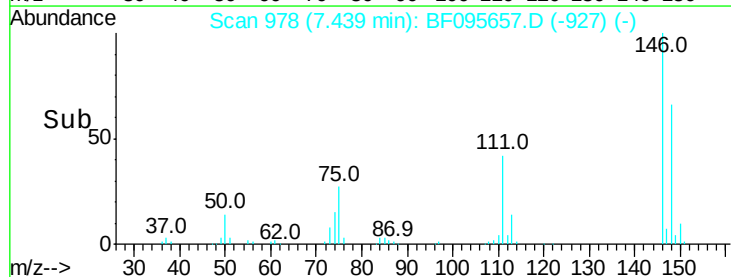
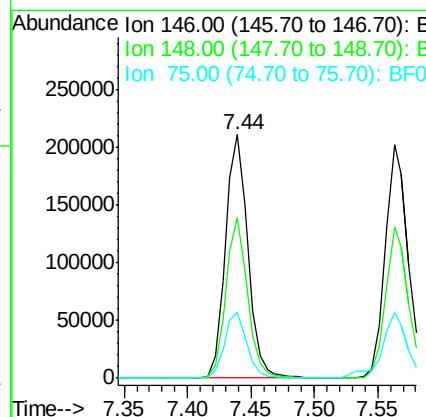
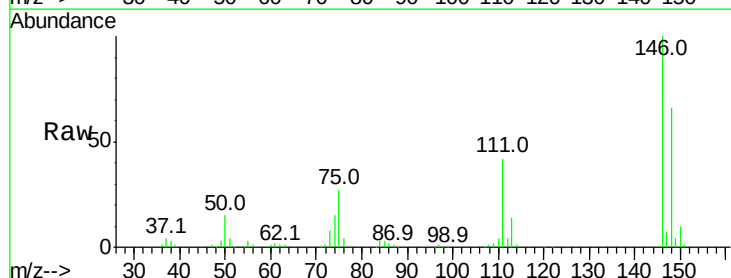
Instrument :
BNA_F
ClientSampleId :
PB99424BS

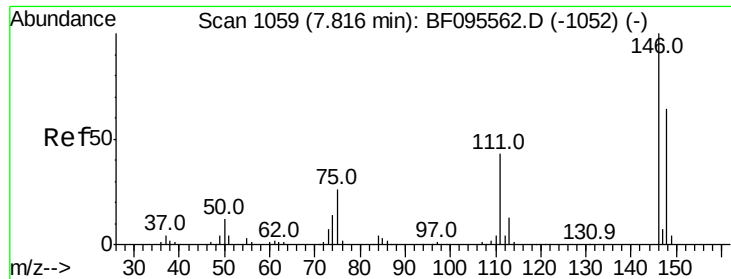
Tot Ion: 93 Resp: 216061
Ion Ratio Lower Upper
93 100
63 76.2 59.2 99.2
95 32.5 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 39.66 ng
RT: 7.44 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF095657.D
Acq: 3 Jun 2017 4:53

Tgt Ion: 146 Resp: 260018
Ion Ratio Lower Upper
146 100
148 65.6 51.8 77.6
75 27.0 23.1 34.7

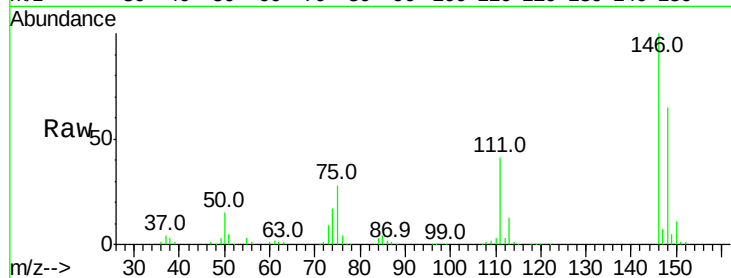




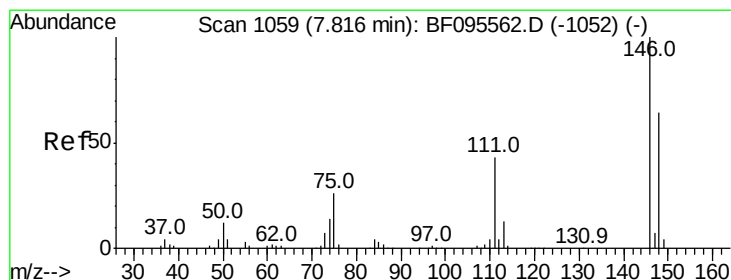
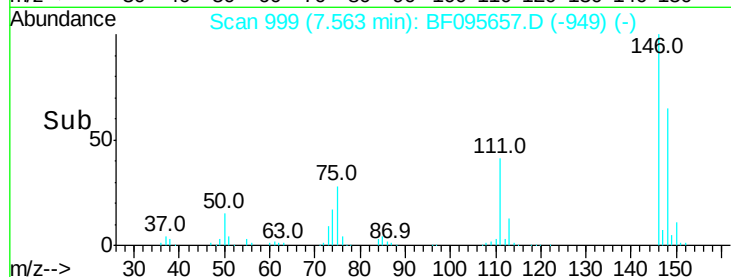
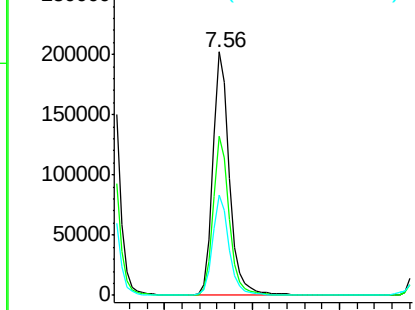
#13
 1,4-Dichlorobenzene
 Concen: 40.12 ng
 RT: 7.56 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: BF095657.D
 Acq: 3 Jun 2017 4:53

Instrument :
 BNA_F
 ClientSampleId :
 PB99424BS

Tot Ion:146 Resp: 266748
 Ion Ratio Lower Upper
 146 100
 148 65.3 52.2 78.2
 111 41.0 30.3 45.5

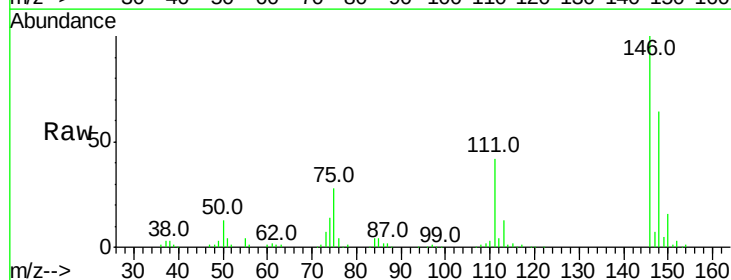


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

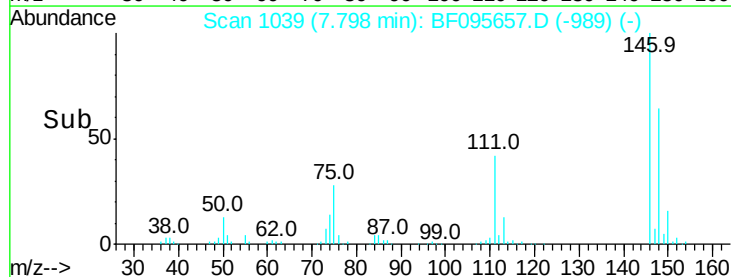
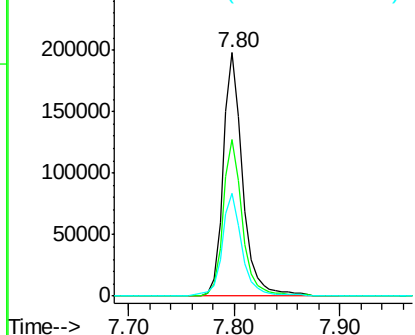


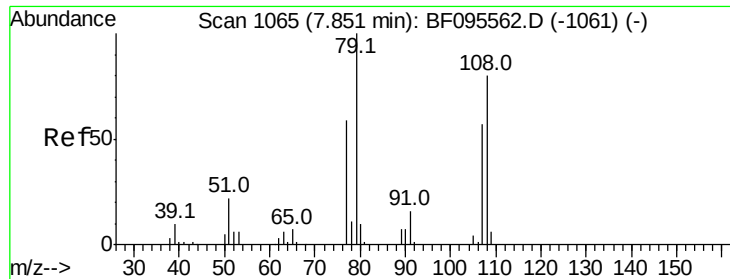
#14
 1,2-Dichlorobenzene
 Concen: 40.72 ng
 RT: 7.80 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF095657.D
 Acq: 3 Jun 2017 4:53

Tgt Ion:146 Resp: 252764
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.4 75.6
 111 42.0 38.2 57.4



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: 48.70 ng

RT: 7.83 min Scan# 1045

Delta R.T. -0.01 min

Lab File: BF095657.D

Acq: 3 Jun 2017 4:53

Instrument :

BNA_F

ClientSampleId :

PB99424BS

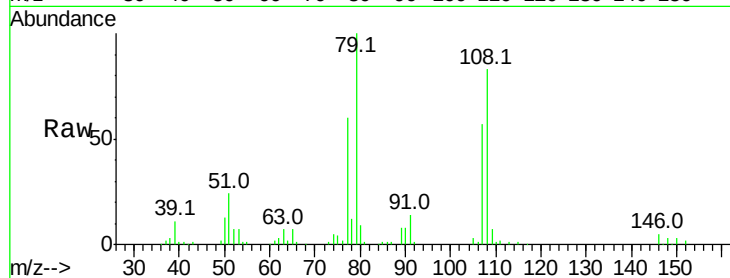
Tot Ion: 79 Resp: 190861

Ion Ratio Lower Upper

79 100

108 83.2 63.4 95.0

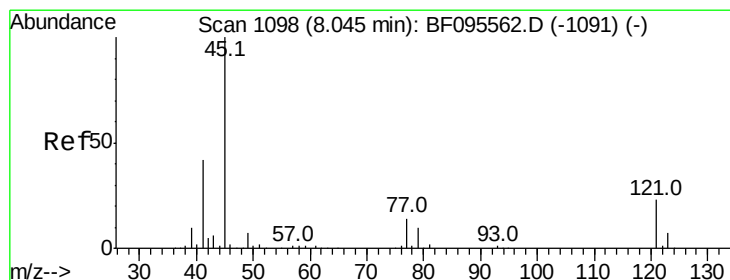
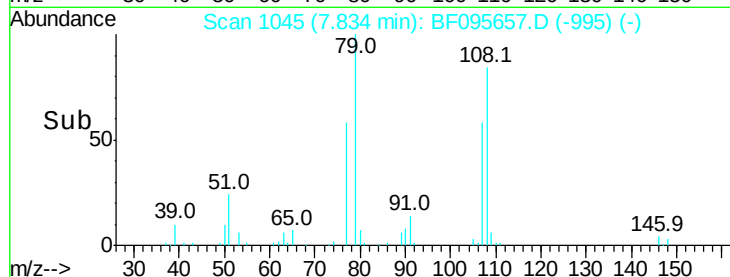
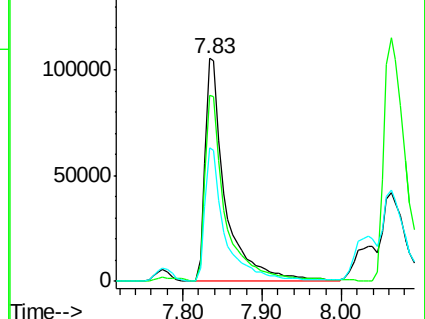
77 59.6 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.20 ng

RT: 8.04 min Scan# 1080

Delta R.T. -0.00 min

Lab File: BF095657.D

Acq: 3 Jun 2017 4:53

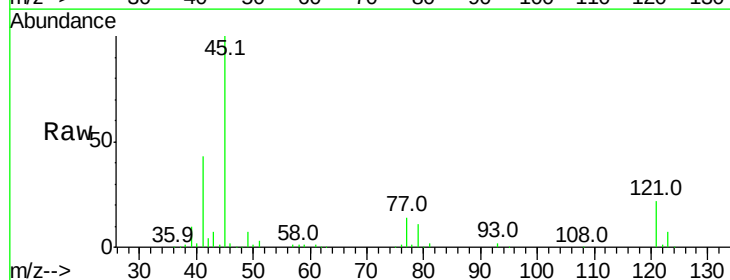
Tgt Ion: 45 Resp: 309105

Ion Ratio Lower Upper

45 100

77 14.0 0.0 33.2

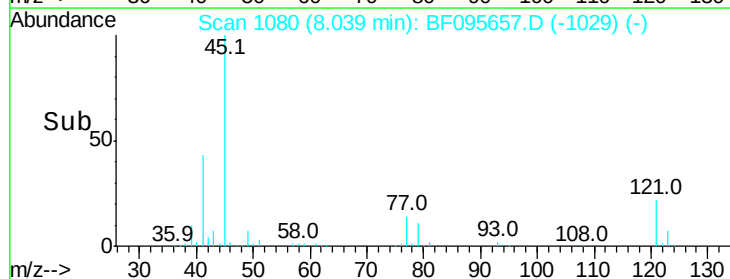
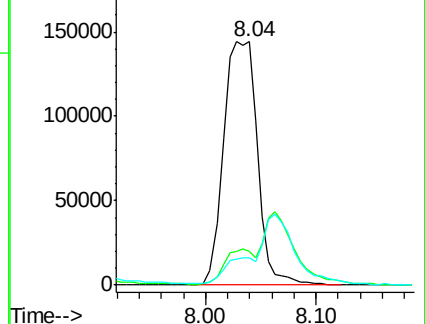
79 11.3 0.0 30.0

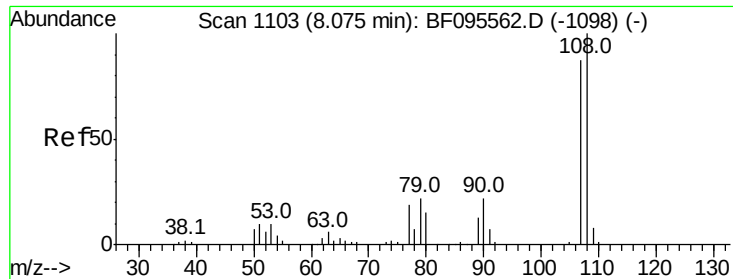


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

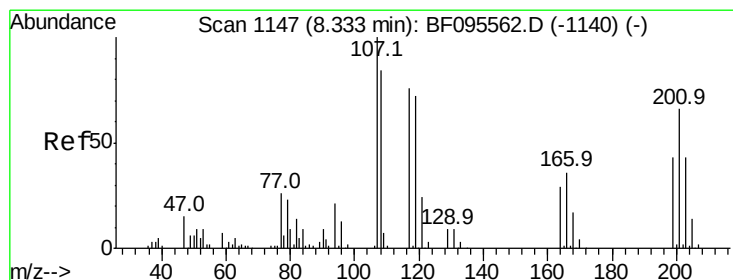
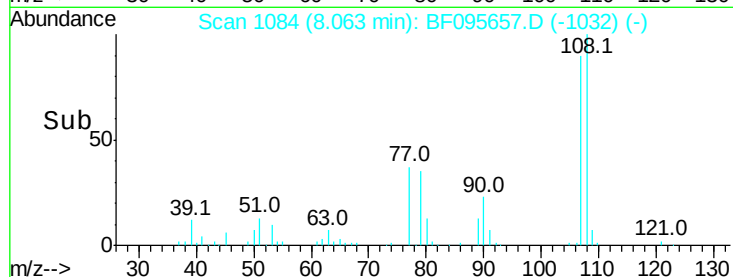
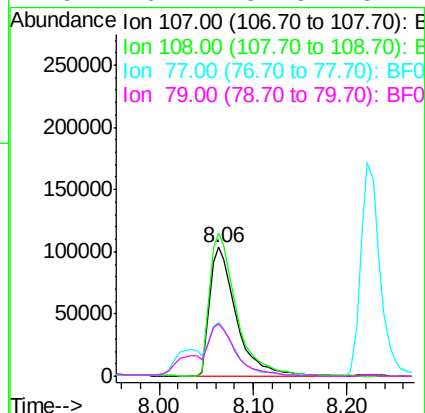
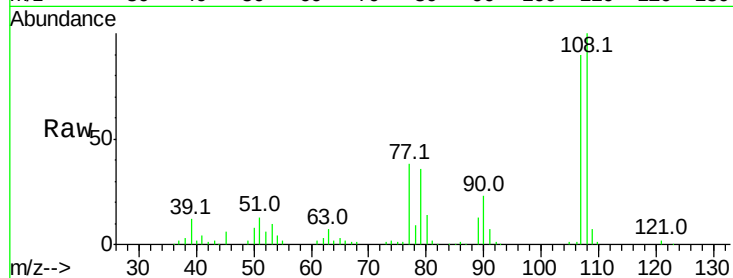




#17
2-Methylphenol
Concen: 43.64 ng
RT: 8.06 min Scan# 1084
Delta R.T. 0.01 min
Lab File: BF095657.D
Acq: 3 Jun 2017 4:53

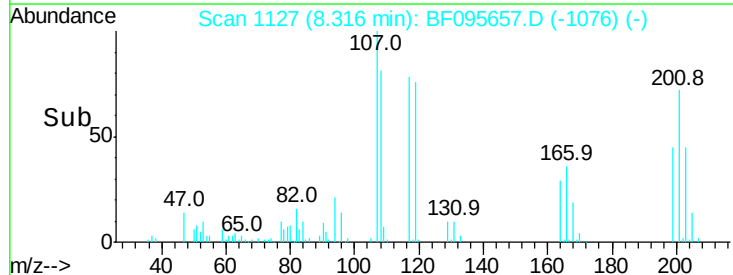
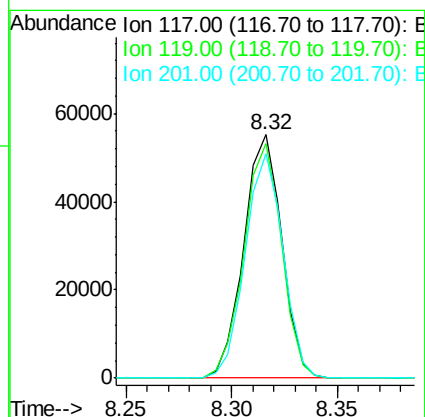
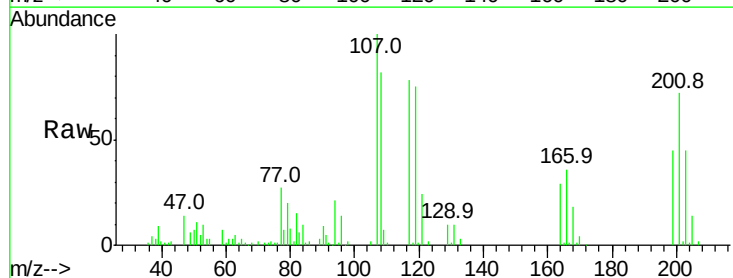
Instrument :
BNA_F
ClientSampleId :
PB99424BS

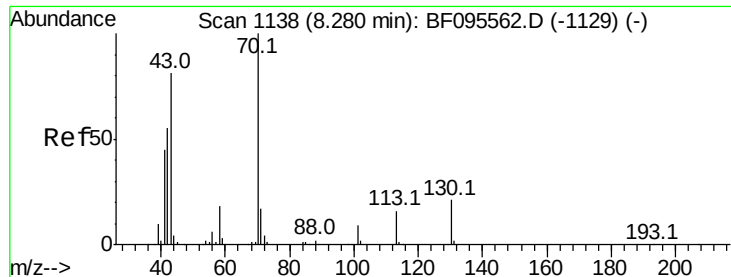
Tot Ion:107 Resp: 206455
Ion Ratio Lower Upper
107 100
108 111.4 93.4 140.0
77 41.9 35.8 53.6
79 40.4 34.8 52.2



#18
Hexachloroethane
Concen: 30.69 ng
RT: 8.32 min Scan# 1127
Delta R.T. -0.00 min
Lab File: BF095657.D
Acq: 3 Jun 2017 4:53

Tgt Ion:117 Resp: 69122
Ion Ratio Lower Upper
117 100
119 96.6 77.4 116.0
201 92.2 94.6 141.8#

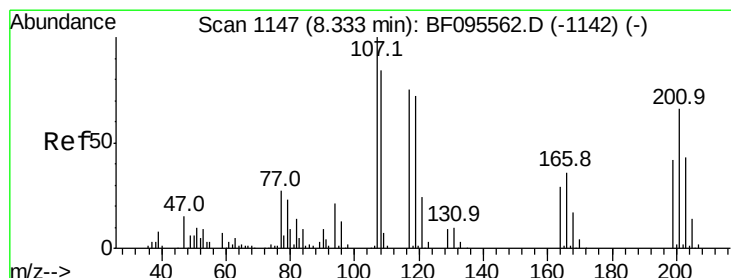
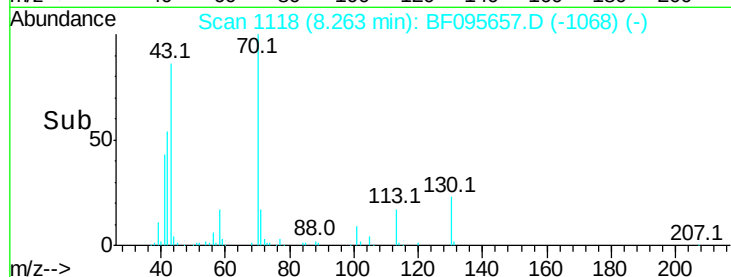
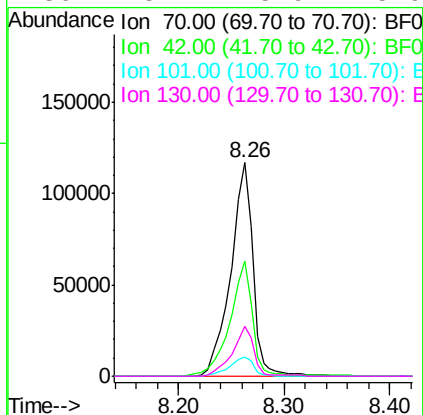
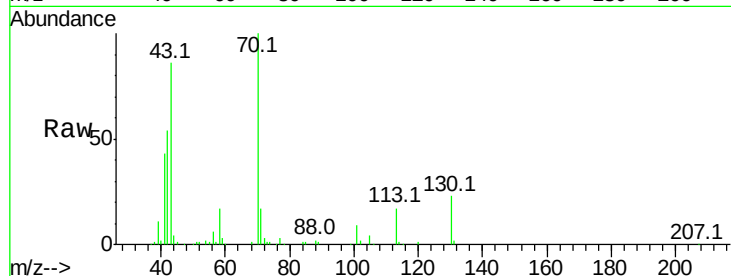




#19
n-Nitroso-di-n-propylamine
Concen: 41.37 ng
RT: 8.26 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BF095657.D
Acq: 3 Jun 2017 4:53

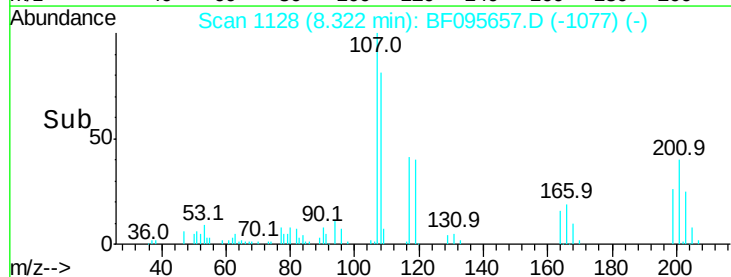
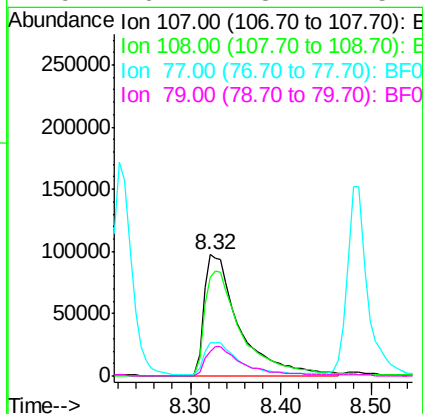
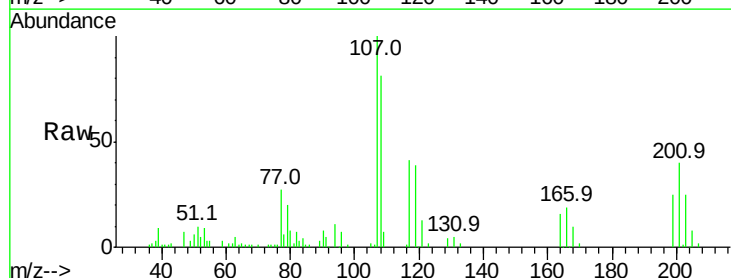
Instrument :
BNA_F
ClientSampleId :
PB99424BS

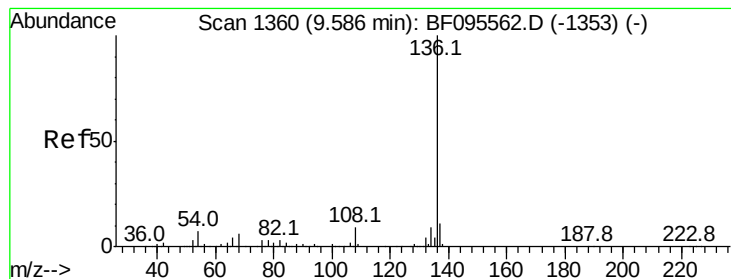
Tot Ion: 70 Resp: 170492
Ion Ratio Lower Upper
70 100
42 54.0 47.2 70.8
101 9.2 7.2 10.8
130 23.2 15.9 23.9



#20
3+4-Methylphenols
Concen: 41.42 ng
RT: 8.32 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BF095657.D
Acq: 3 Jun 2017 4:53

Tgt Ion:107 Resp: 266223
Ion Ratio Lower Upper
107 100
108 81.0 71.0 111.0
77 27.3 90.5 130.5#
79 20.2 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.57 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF095657.D

Acq: 3 Jun 2017 4:53

Instrument :

BNA_F

ClientSampleId :

PB99424BS

Tot Ion:136 Resp: 337523

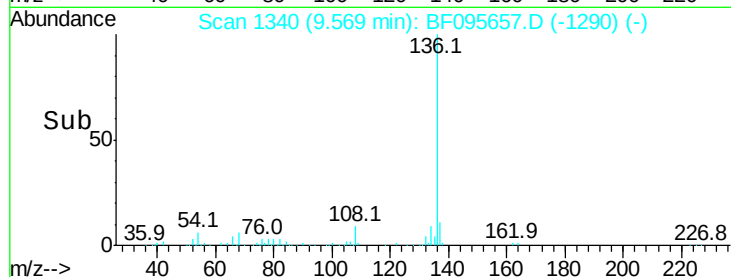
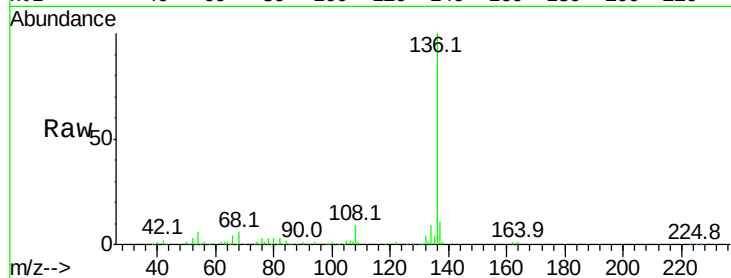
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.4 4.9 7.3

68 5.7 4.1 6.1

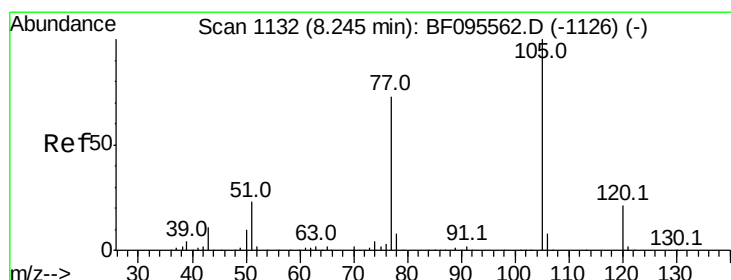
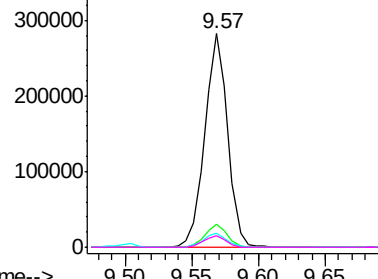


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 41.58 ng

RT: 8.22 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BF095657.D

Acq: 3 Jun 2017 4:53

Tgt Ion:105 Resp: 336695

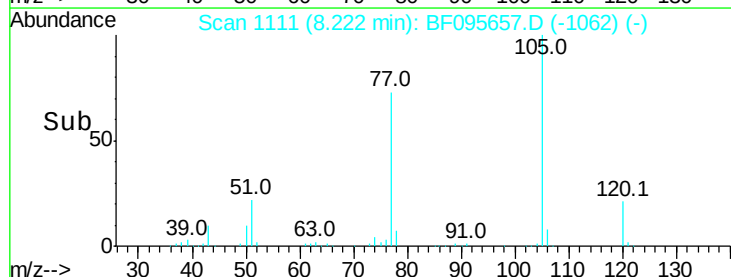
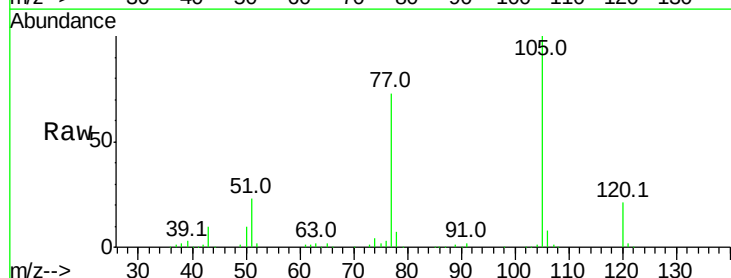
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 22.6 30.7 46.1#

120 21.0 17.4 26.0

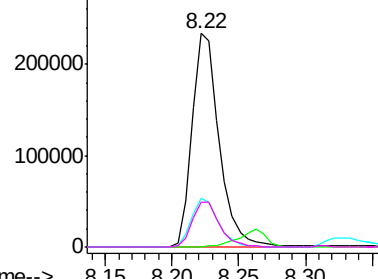


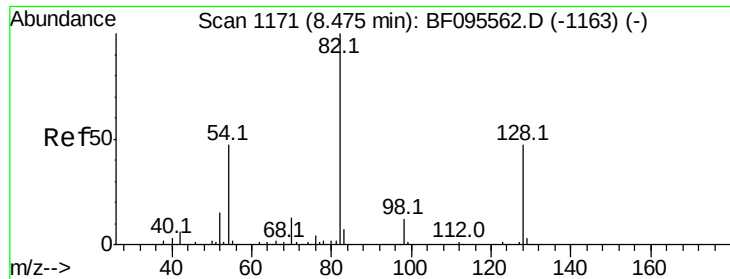
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

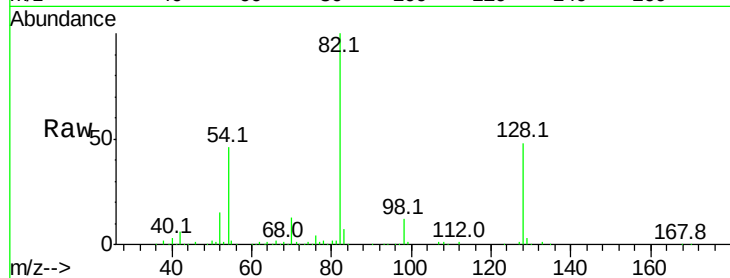




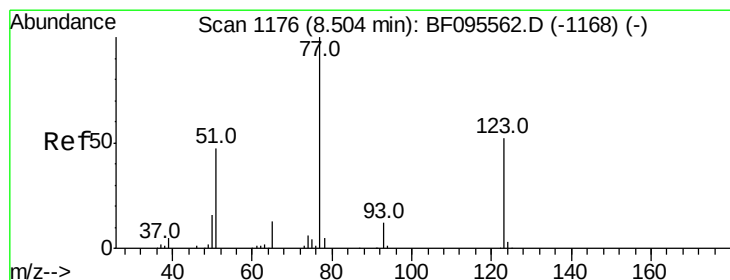
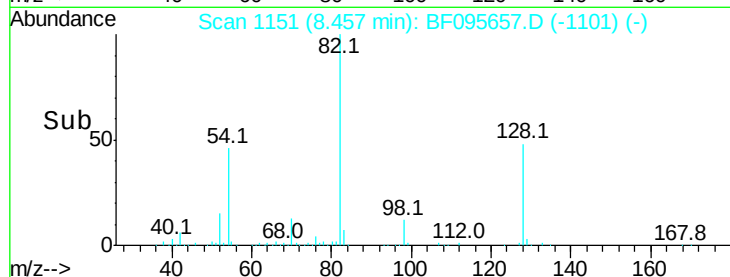
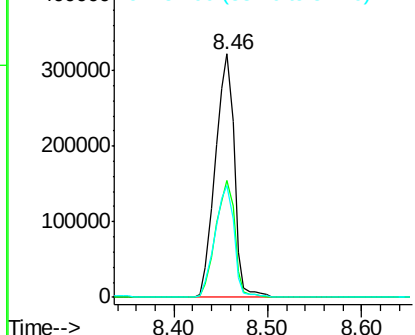
#23
Nitrobenzene-d5
Concen: 85.74 ng
RT: 8.46 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF095657.D
Acq: 3 Jun 2017 4:53

Instrument :
BNA_F
ClientSampleId :
PB99424BS

Tot Ion: 82 Resp: 458912
Ion Ratio Lower Upper
82 100
128 48.1 34.0 51.0
54 45.8 42.2 63.2

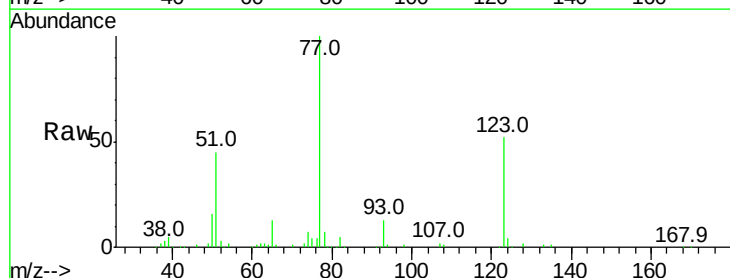


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

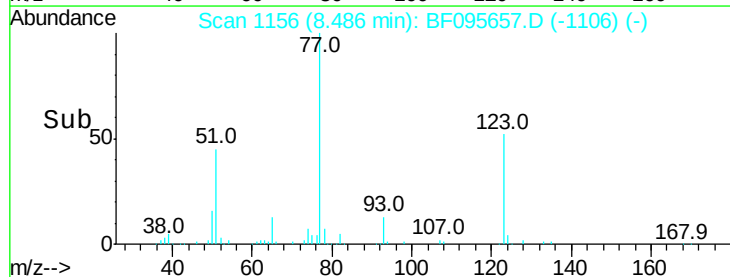
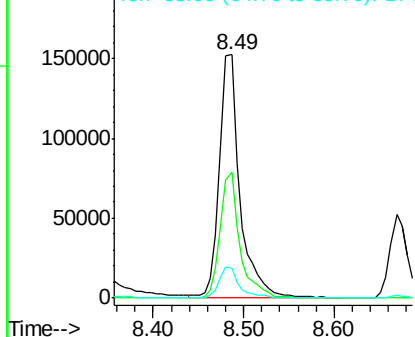


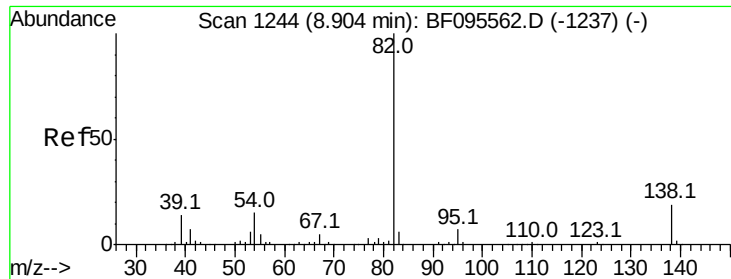
#24
Nitrobenzene
Concen: 42.20 ng
RT: 8.49 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF095657.D
Acq: 3 Jun 2017 4:53

Tgt Ion: 77 Resp: 236762
Ion Ratio Lower Upper
77 100
123 51.6 35.8 53.8
65 12.5 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 44.78 ng

RT: 8.88 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BF095657.D

Acq: 3 Jun 2017 4:53

Instrument :

BNA_F

ClientSampleId :

PB99424BS

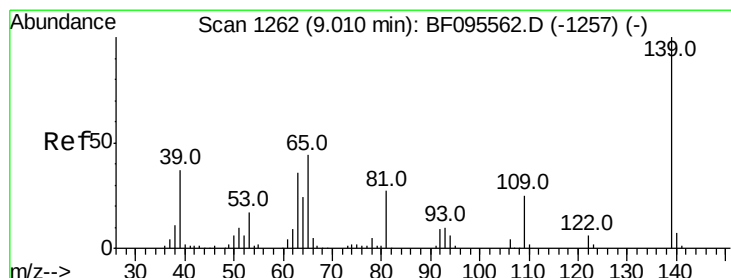
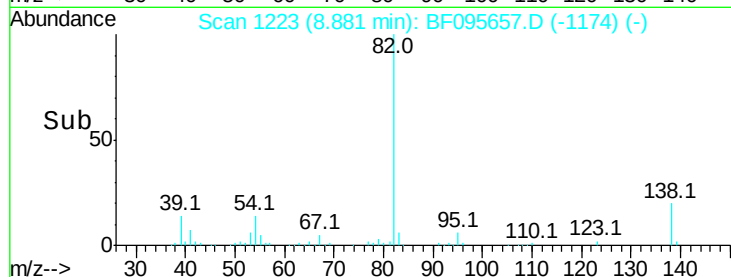
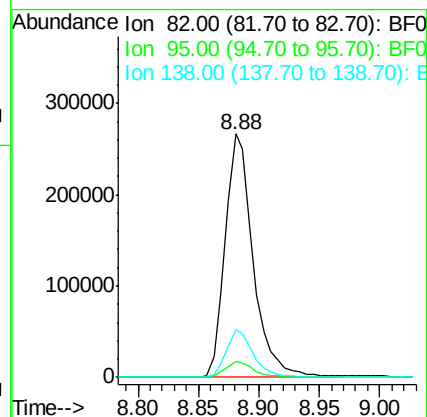
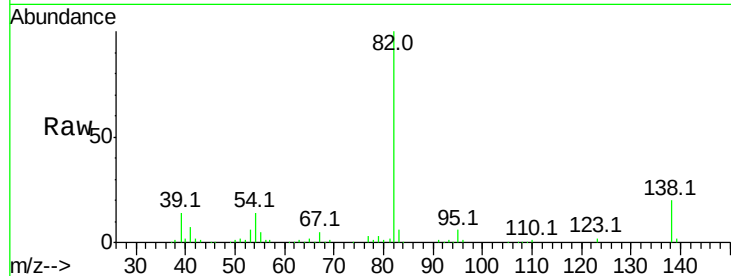
Tot Ion: 82 Resp: 428003

Ion Ratio Lower Upper

82 100

95 6.3 5.3 7.9

138 19.8 13.1 19.7#



#26

2-Nitrophenol

Concen: 39.48 ng

RT: 8.99 min Scan# 1242

Delta R.T. -0.01 min

Lab File: BF095657.D

Acq: 3 Jun 2017 4:53

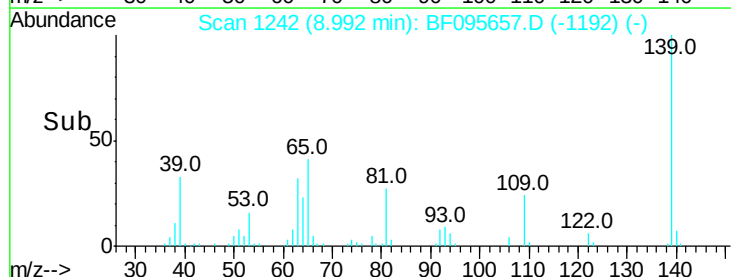
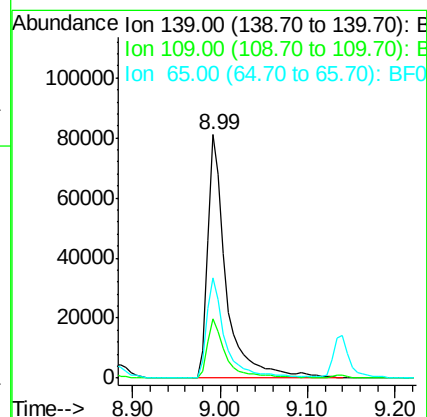
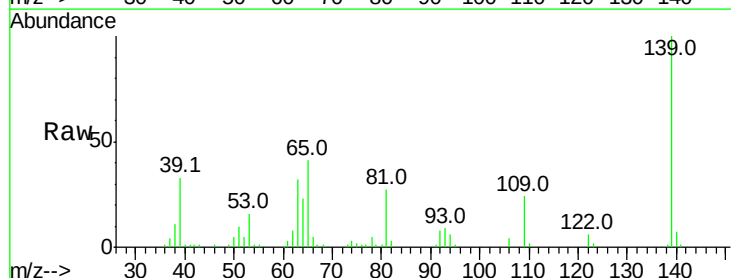
Tgt Ion:139 Resp: 119528

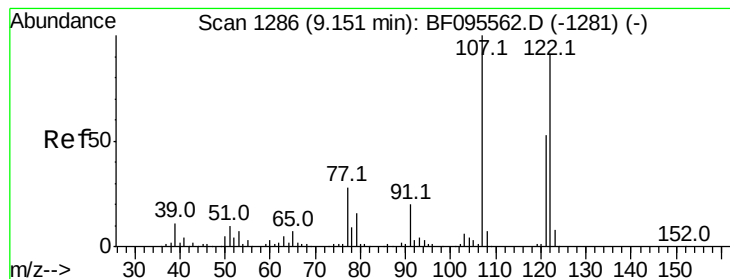
Ion Ratio Lower Upper

139 100

109 24.5 21.0 31.6

65 41.1 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 44.12 ng

RT: 9.14 min Scan# 1267

Delta R.T. -0.00 min

Lab File: BF095657.D

Acq: 3 Jun 2017 4:53

Instrument :

BNA_F

ClientSampled :

PB99424BS

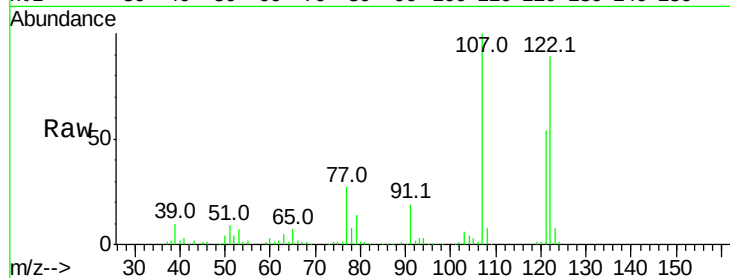
Tot Ion:122 Resp: 215937

Ion Ratio Lower Upper

122 100

107 112.8 89.2 133.8

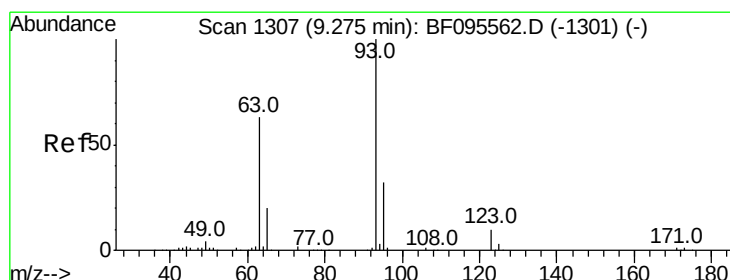
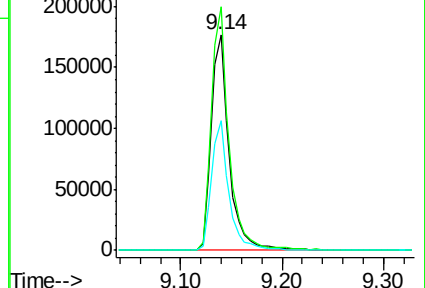
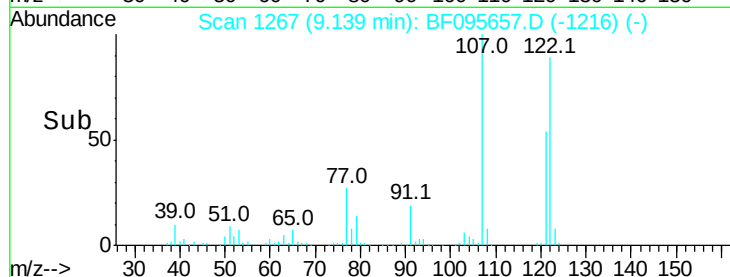
121 60.4 45.2 67.8



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: 42.53 ng

RT: 9.26 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF095657.D

Acq: 3 Jun 2017 4:53

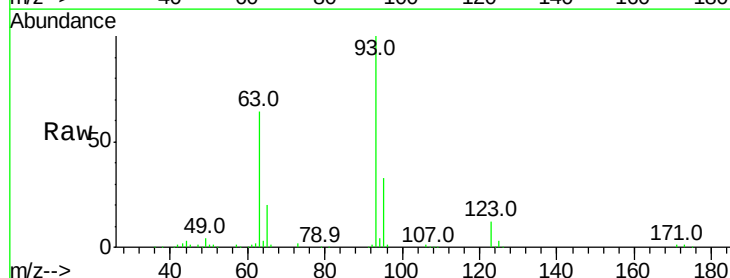
Tgt Ion: 93 Resp: 281223

Ion Ratio Lower Upper

93 100

95 32.8 26.5 39.7

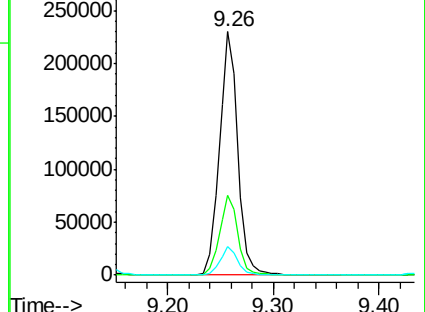
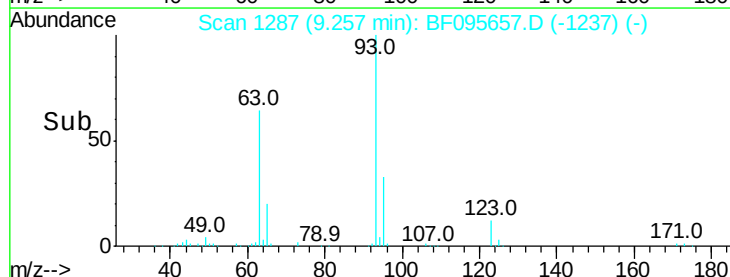
123 11.7 9.0 13.4

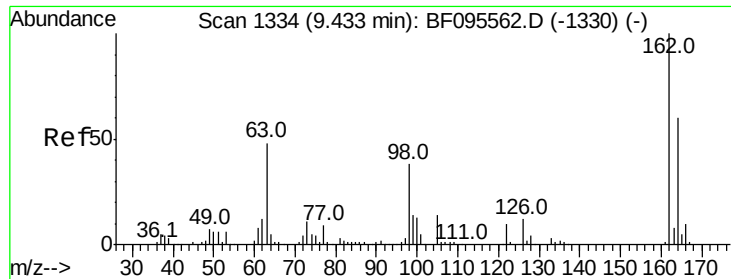


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

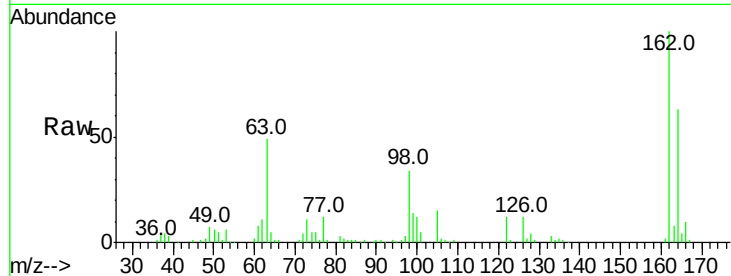




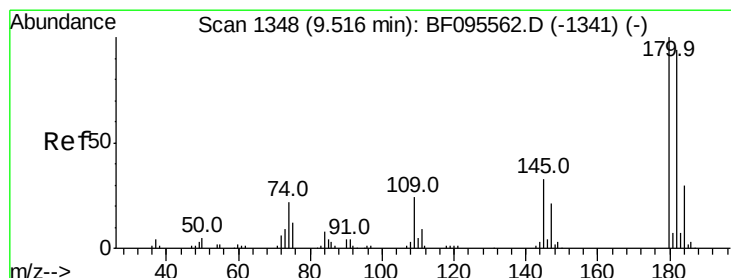
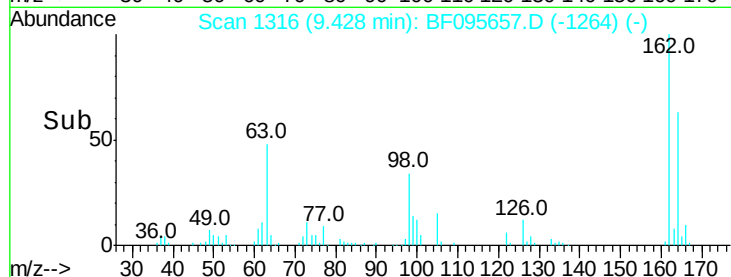
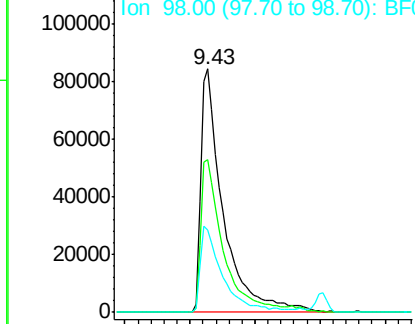
#29
 2,4-Dichlorophenol
 Concen: 43.32 ng
 RT: 9.43 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: BF095657.D
 Acq: 3 Jun 2017 4:53

Instrument :
 BNA_F
 ClientSampled :
 PB99424BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.9	44.6	84.6
98	34.1	14.8	54.8

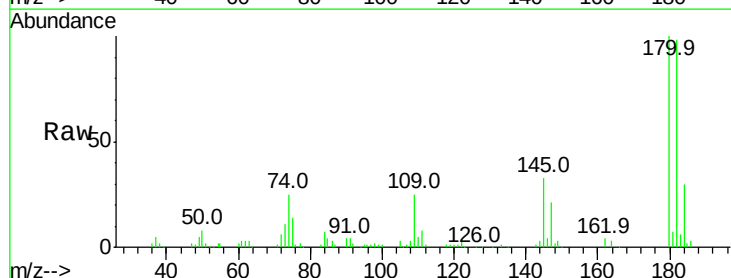


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

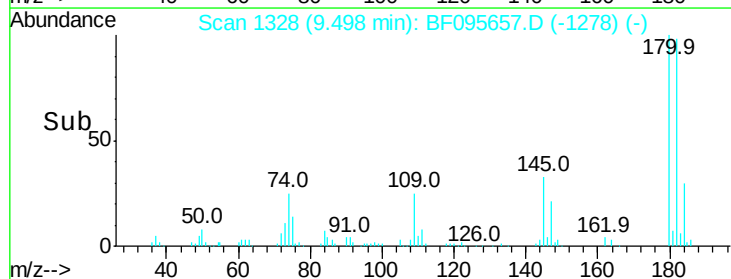
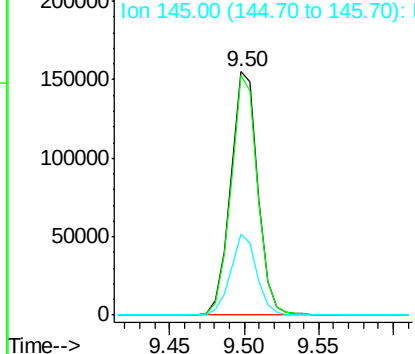


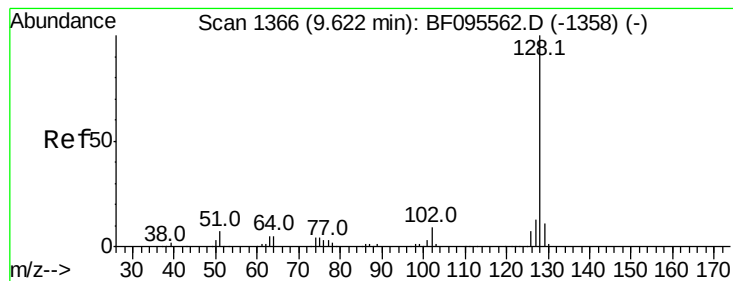
#30
 1,2,4-Trichlorobenzene
 Concen: 39.92 ng
 RT: 9.50 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF095657.D
 Acq: 3 Jun 2017 4:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.3	75.8	113.6
145	33.4	25.3	37.9



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: 40.80 ng

RT: 9.60 min Scan# 1346

Delta R.T. -0.01 min

Lab File: BF095657.D

Acq: 3 Jun 2017 4:53

Instrument :

BNA_F

ClientSampleId :

PB99424BS

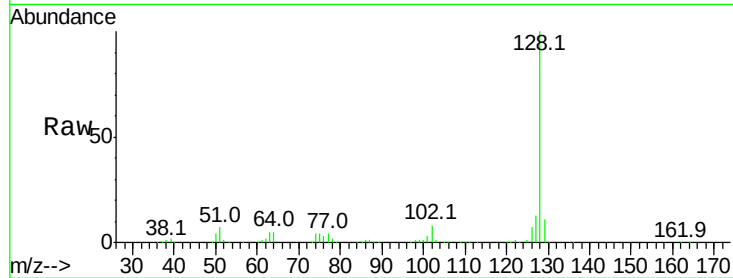
Tot Ion:128 Resp: 692084

Ion Ratio Lower Upper

128 100

129 10.8 9.0 13.6

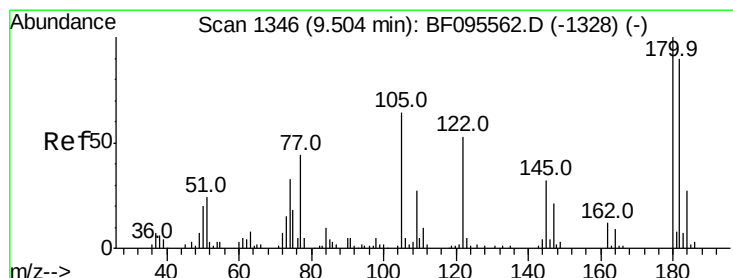
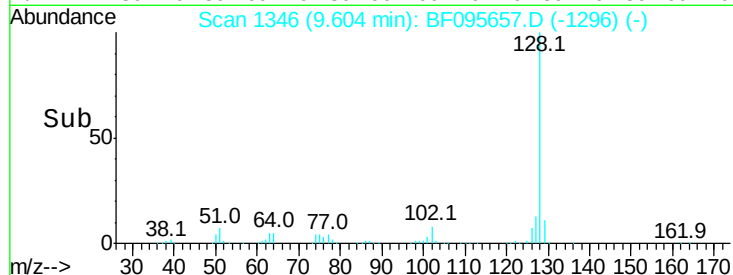
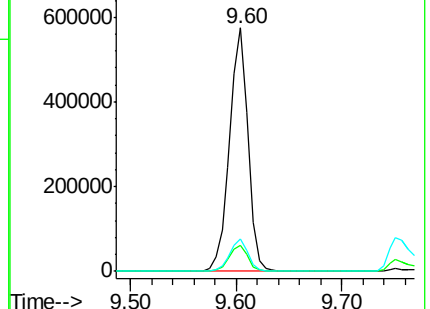
127 13.1 10.8 16.2



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: 26.26 ng

RT: 9.47 min Scan# 1324

Delta R.T. -0.04 min

Lab File: BF095657.D

Acq: 3 Jun 2017 4:53

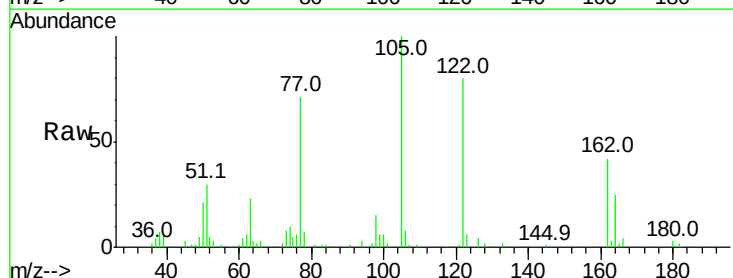
Tgt Ion:122 Resp: 76108

Ion Ratio Lower Upper

122 100

105 125.5 103.3 143.3

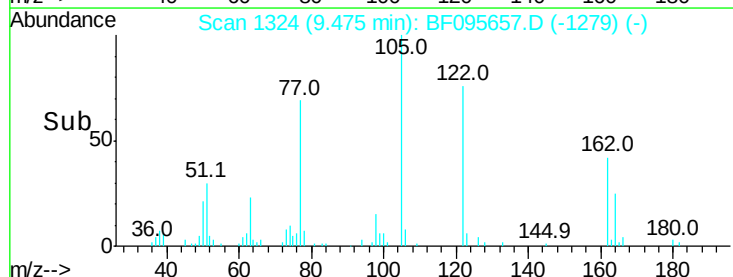
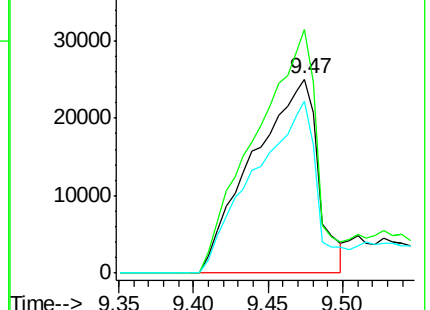
77 88.7 73.7 113.7

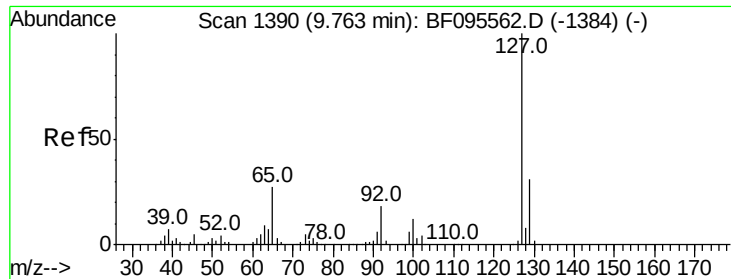


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

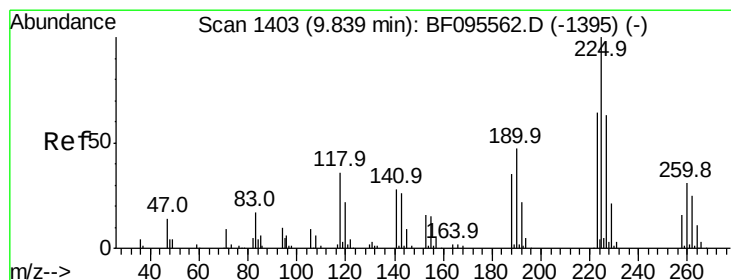
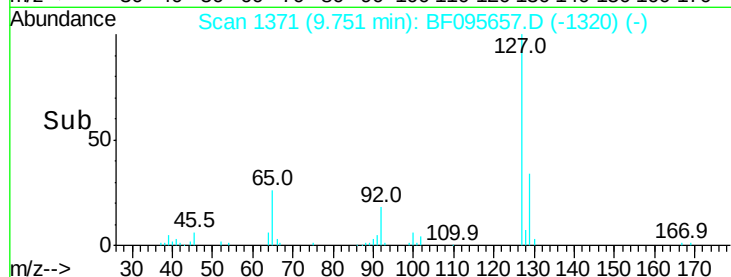
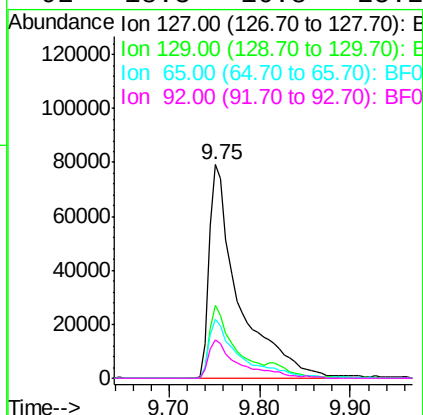
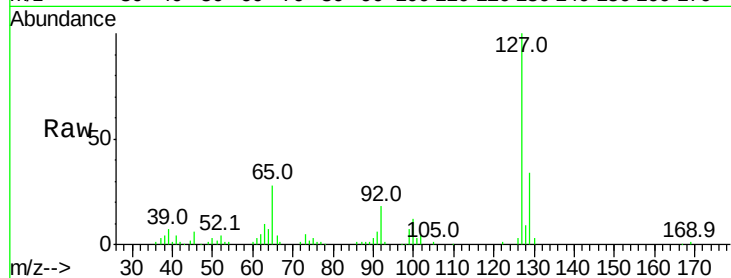




#33
4-Chloroaniline
Concen: 28.67 ng
RT: 9.75 min Scan# 1371
Delta R.T. -0.00 min
Lab File: BF095657.D
Acq: 3 Jun 2017 4:53

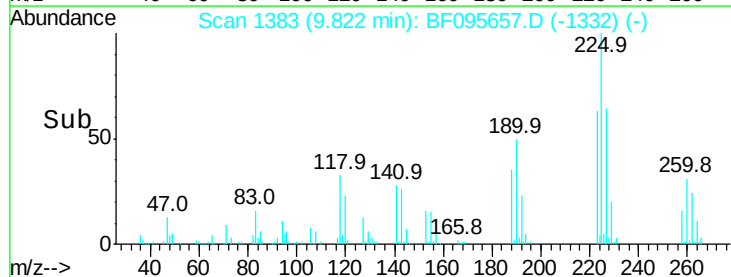
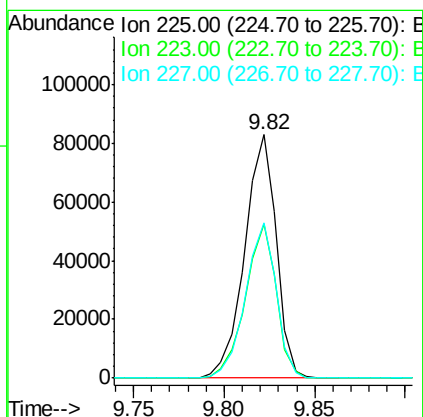
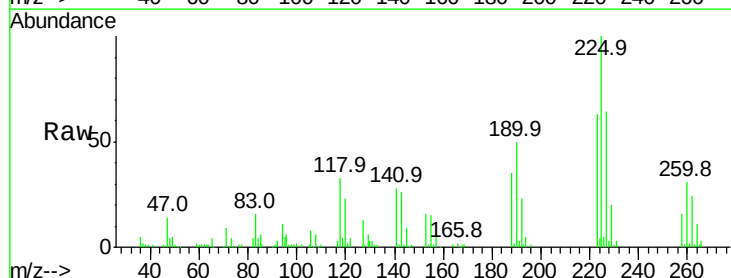
Instrument :
BNA_F
ClientSampleId :
PB99424BS

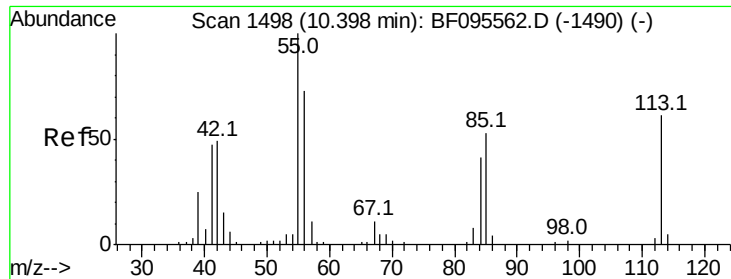
Tot Ion:	127	Resp:	181258
Ion	Ratio	Lower	Upper
127	100		
129	33.9	26.2	39.2
65	27.6	27.8	41.8#
92	18.3	16.8	25.2



#34
Hexachlorobutadiene
Concen: 38.38 ng
RT: 9.82 min Scan# 1383
Delta R.T. -0.00 min
Lab File: BF095657.D
Acq: 3 Jun 2017 4:53

Tgt Ion:	225	Resp:	100277
Ion	Ratio	Lower	Upper
225	100		
223	63.3	48.8	73.2
227	63.9	51.1	76.7





#35

Caprolactam

Concen: 43.34 ng

RT: 10.38 min Scan# 1478

Delta R.T. -0.02 min

Lab File: BF095657.D

Acq: 3 Jun 2017 4:53

Instrument :

BNA_F

ClientSampleId :

PB99424BS

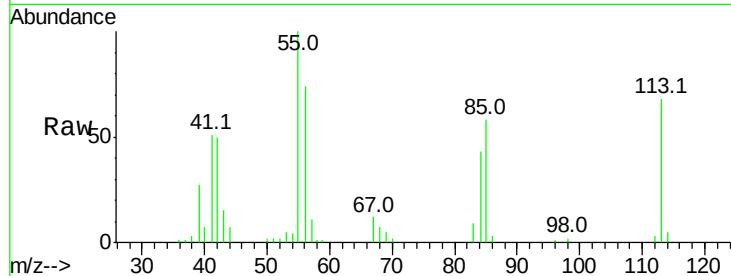
Tot Ion:113 Resp: 60144

Ion Ratio Lower Upper

113 100

55 147.1 150.2 190.2#

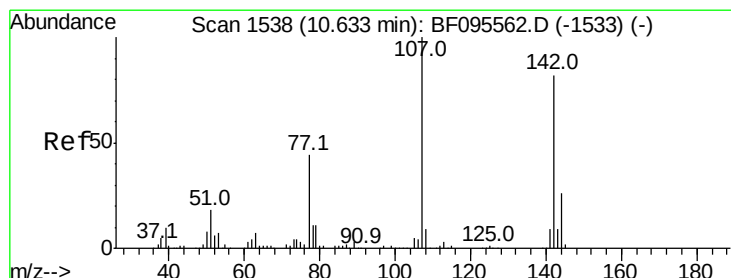
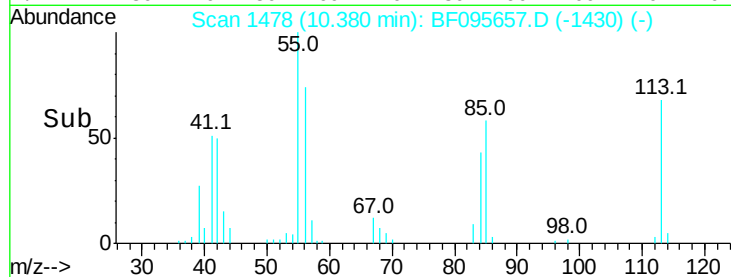
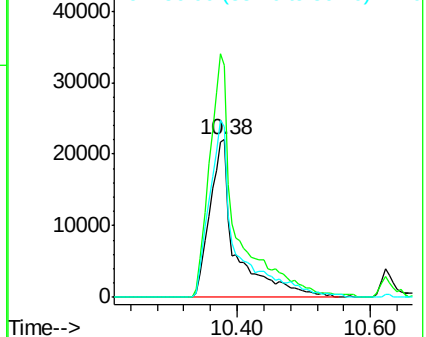
56 108.7 107.8 147.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 40.34 ng

RT: 10.62 min Scan# 1519

Delta R.T. -0.00 min

Lab File: BF095657.D

Acq: 3 Jun 2017 4:53

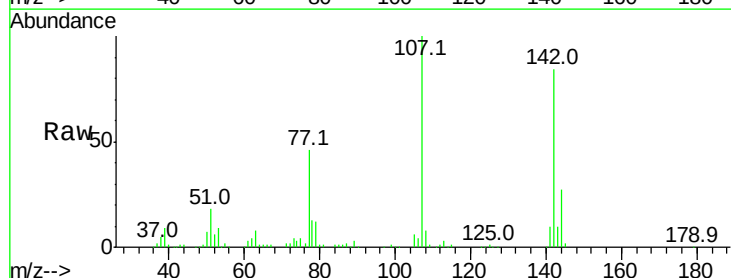
Tgt Ion:107 Resp: 199312

Ion Ratio Lower Upper

107 100

144 27.0 24.2 36.4

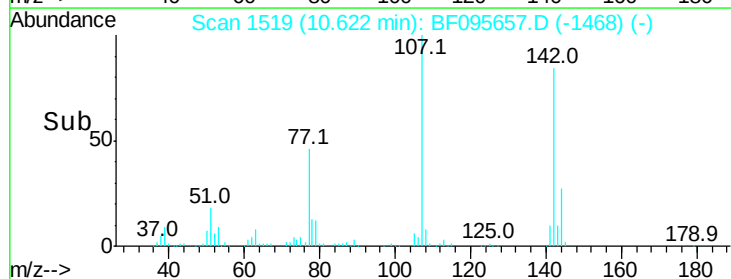
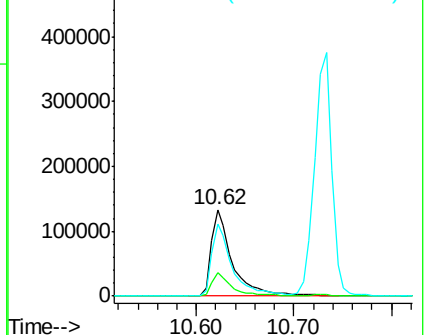
142 84.2 73.4 110.0

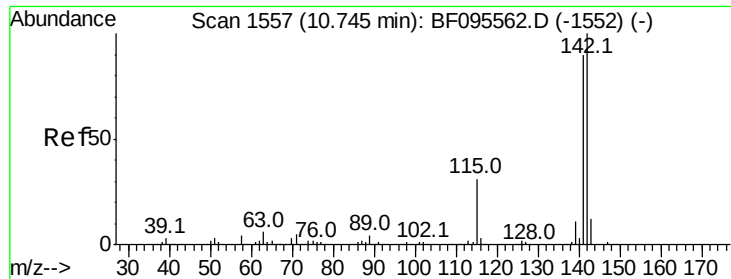


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

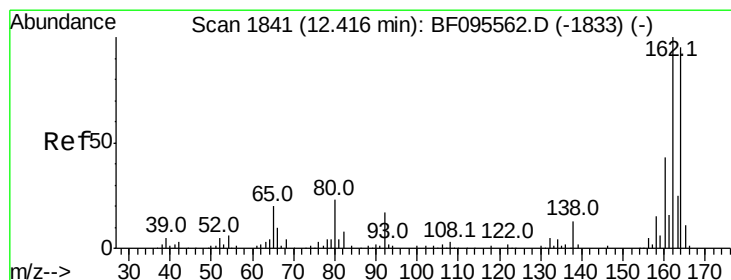
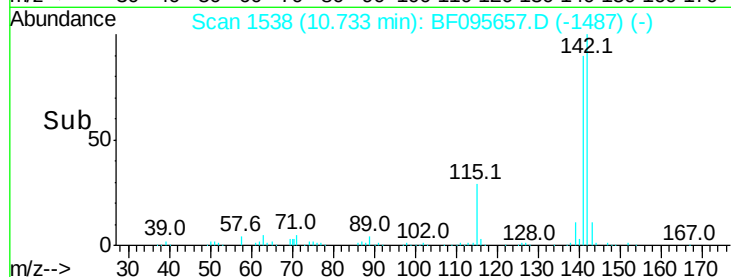
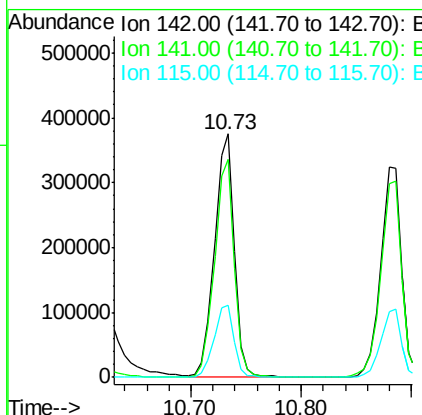
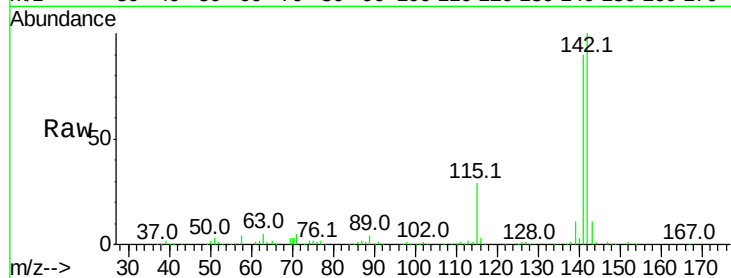




#37
2-Methylnaphthalene
Concen: 41.69 ng
RT: 10.73 min Scan# 1538
Delta R.T. -0.00 min
Lab File: BF095657.D
Acq: 3 Jun 2017 4:53

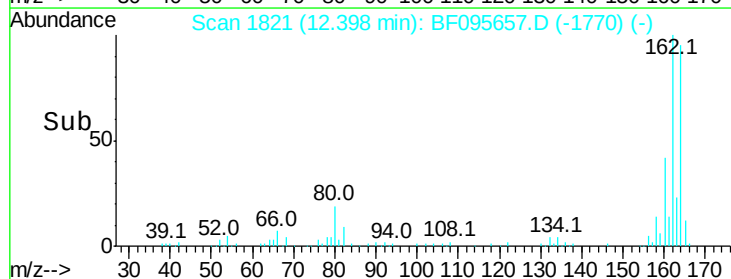
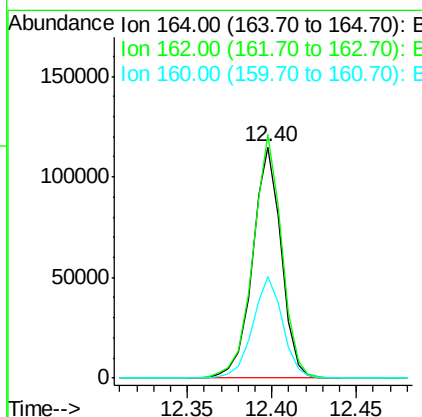
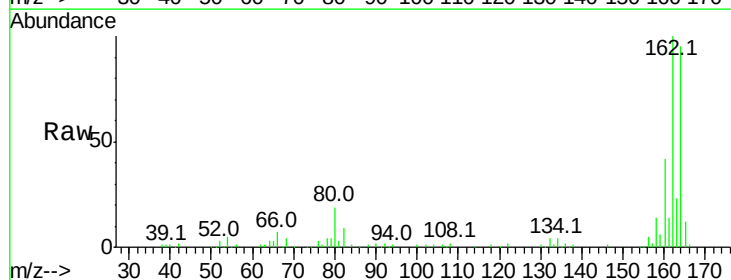
Instrument :
BNA_F
ClientSampleId :
PB99424BS

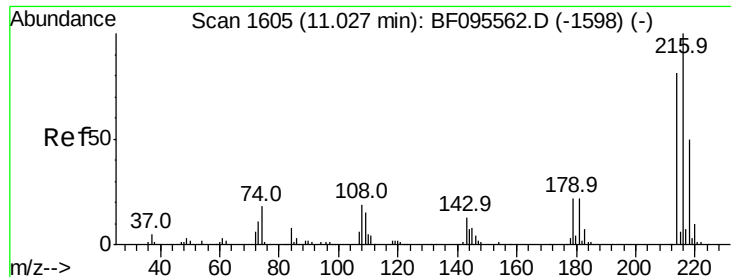
Tot Ion:142 Resp: 464186
Ion Ratio Lower Upper
142 100
141 89.5 71.3 106.9
115 29.4 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.40 min Scan# 1821
Delta R.T. -0.00 min
Lab File: BF095657.D
Acq: 3 Jun 2017 4:53

Tgt Ion:164 Resp: 135062
Ion Ratio Lower Upper
164 100
162 105.3 82.6 123.8
160 43.8 36.2 54.2

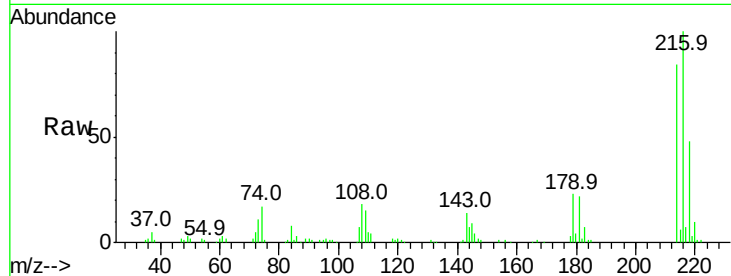




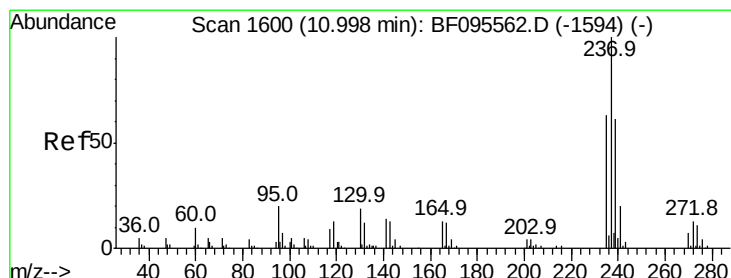
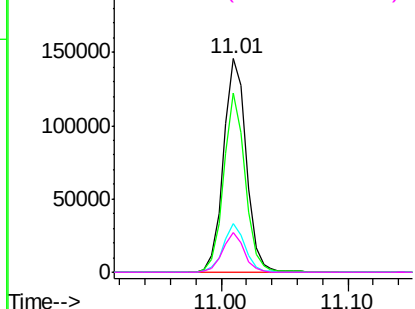
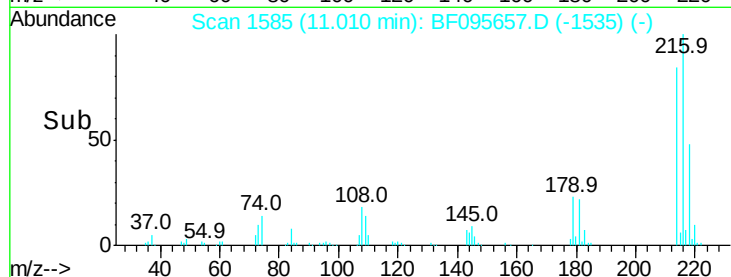
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.60 ng
 RT: 11.01 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: BF095657.D
 Acq: 3 Jun 2017 4:53

Instrument :
 BNA_F
 ClientSampleId :
 PB99424BS

Tot Ion:	216	Resp:	181074
Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.4	95.2
179	21.7	17.9	26.9
108	17.7	16.5	24.7

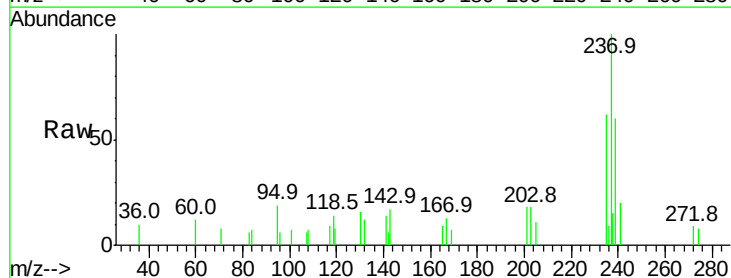


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

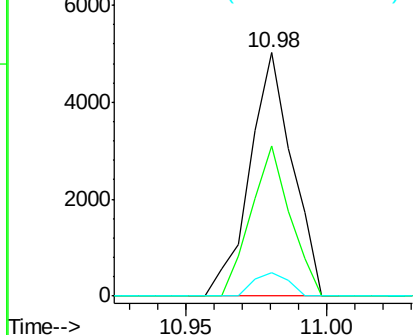
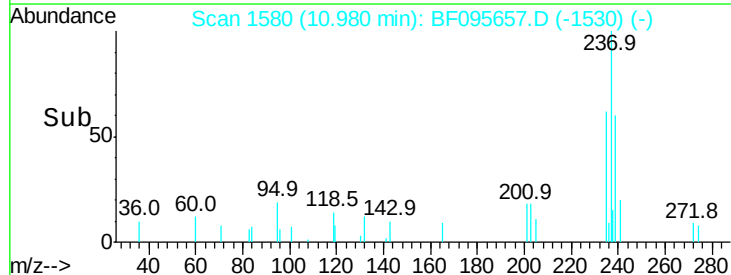


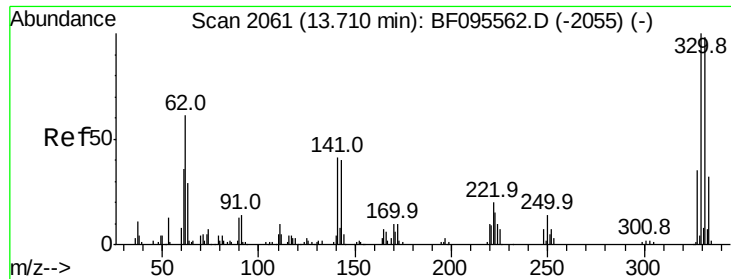
#40
 Hexachlorocyclopentadiene
 Concen: 8.83 ng
 RT: 10.98 min Scan# 1580
 Delta R.T. -0.01 min
 Lab File: BF095657.D
 Acq: 3 Jun 2017 4:53

Tgt Ion:	237	Resp:	5237
Ion	Ratio	Lower	Upper
237	100		
235	61.9	42.6	82.6
272	9.4	0.0	31.9



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





#41

2,4,6-Tribromophenol

Concen: 80.89 ng

RT: 13.70 min Scan# 2042

Delta R.T. -0.00 min

Lab File: BF095657.D

Acq: 3 Jun 2017 4:53

Instrument :

BNA_F

ClientSampleId :

PB99424BS

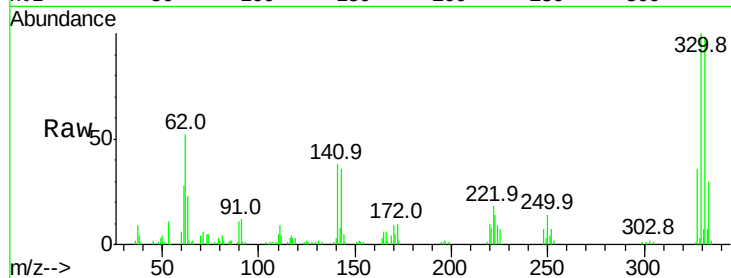
Tot Ion:330 Resp: 89472

Ion Ratio Lower Upper

330 100

332 95.3 76.6 115.0

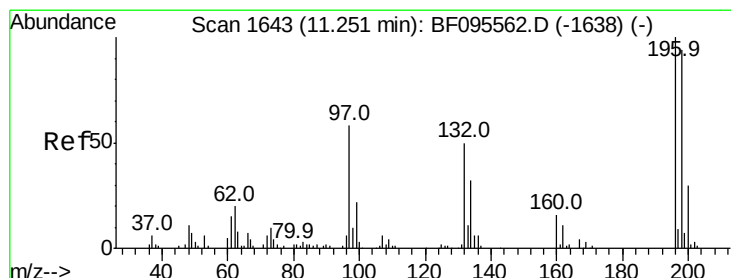
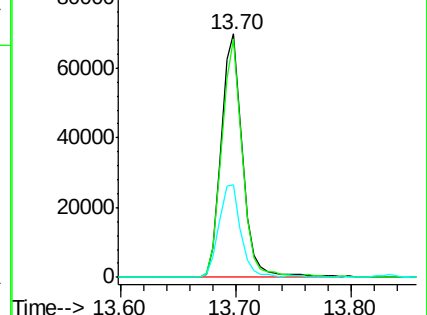
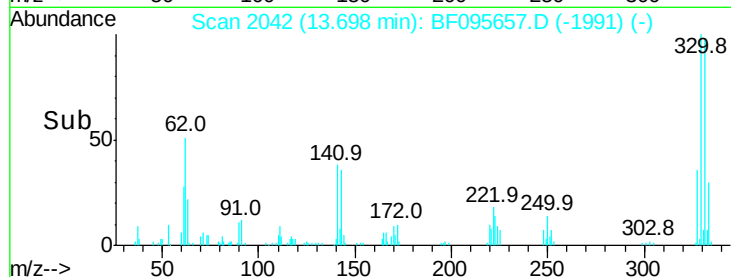
141 38.8 31.4 47.2



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



#42

2,4,6-Trichlorophenol

Concen: 45.15 ng

RT: 11.24 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BF095657.D

Acq: 3 Jun 2017 4:53

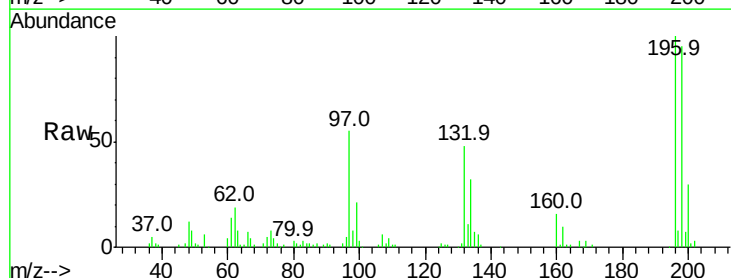
Tgt Ion:196 Resp: 125207

Ion Ratio Lower Upper

196 100

198 95.5 74.2 111.4

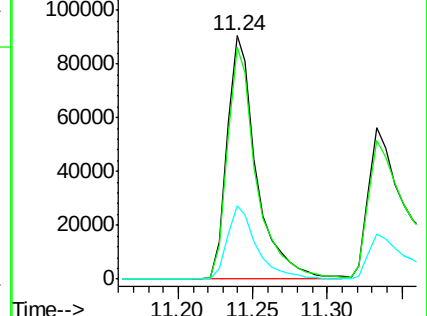
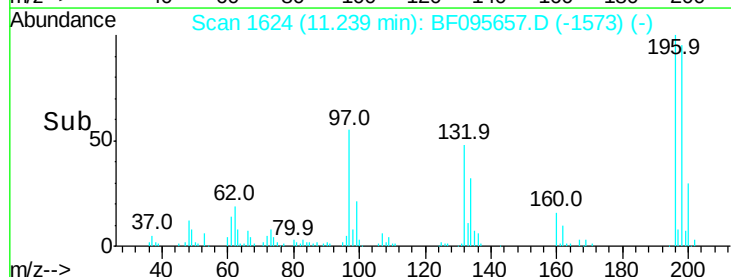
200 30.2 24.0 36.0

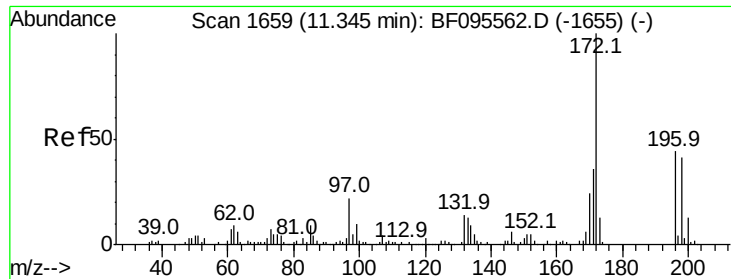


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

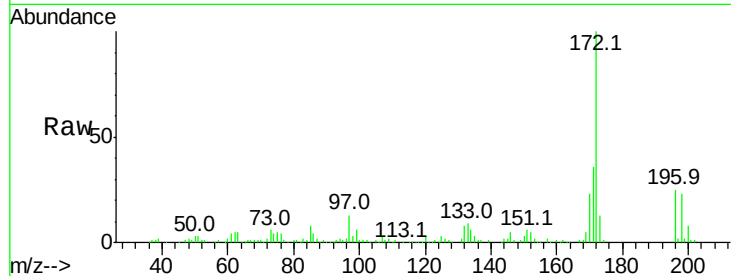




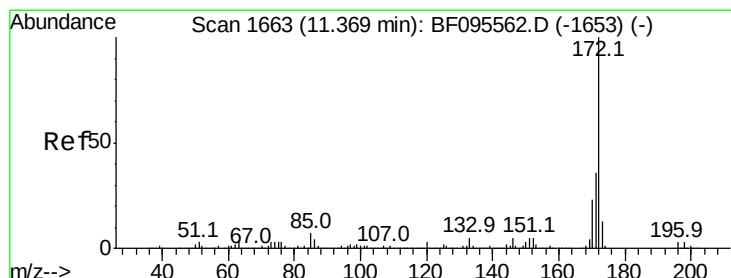
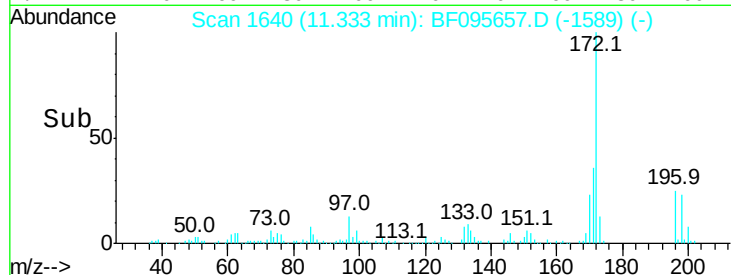
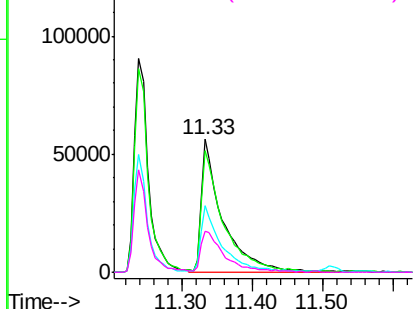
#43
2,4,5-Trichlorophenol
Concen: 40.05 ng
RT: 11.33 min Scan# 1640
Delta R.T. -0.00 min
Lab File: BF095657.D
Acq: 3 Jun 2017 4:53

Instrument :
BNA_F
ClientSampleId :
PB99424BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	91.4	75.7	113.5
97	50.3	47.7	71.5
132	31.1	28.0	42.0



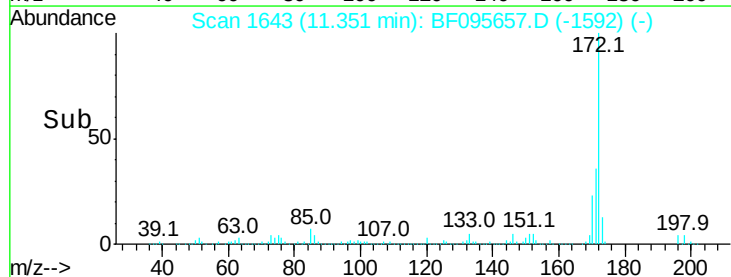
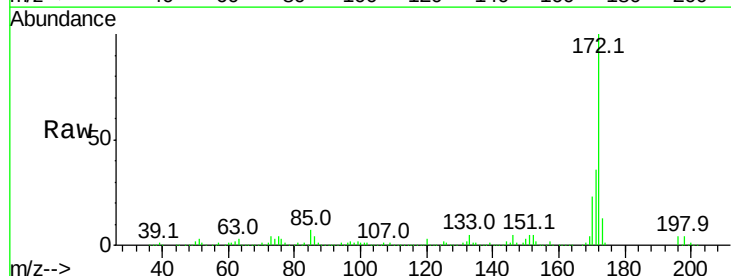
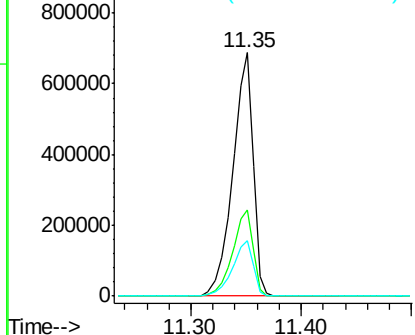
Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

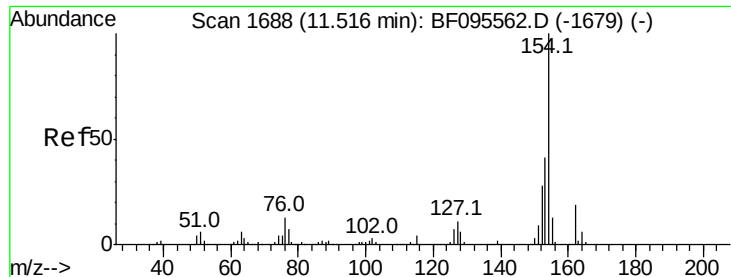


#44
2-Fluorobiphenyl
Concen: 94.60 ng
RT: 11.35 min Scan# 1643
Delta R.T. -0.00 min
Lab File: BF095657.D
Acq: 3 Jun 2017 4:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	22.9	19.8	29.8

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

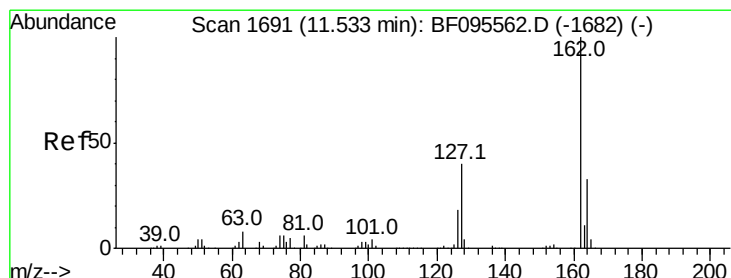
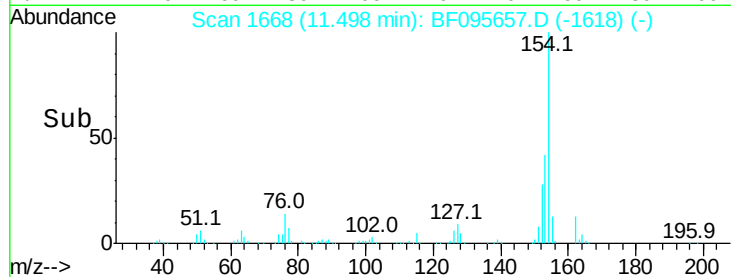
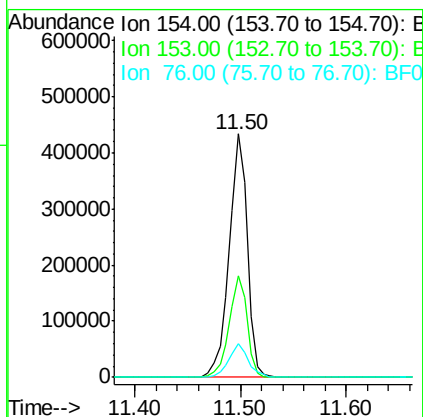
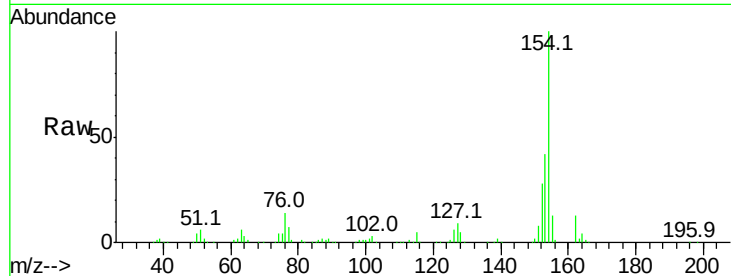




#45
1,1'-Biphenyl
Concen: 44.95 ng
RT: 11.50 min Scan# 1668
Delta R.T. -0.01 min
Lab File: BF095657.D
Acq: 3 Jun 2017 4:53

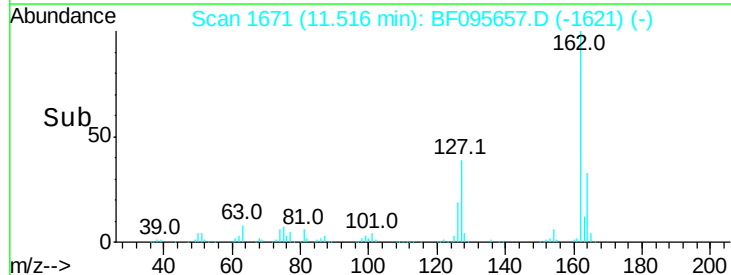
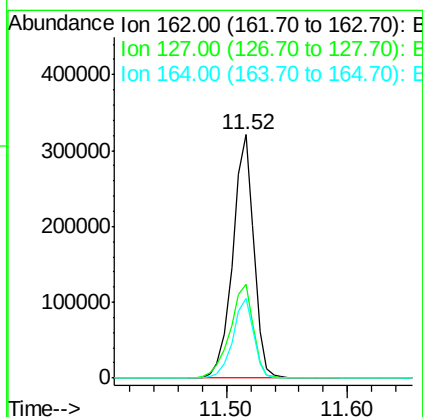
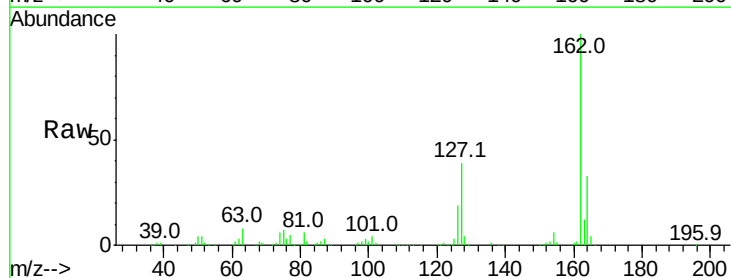
Instrument :
BNA_F
ClientSampleId :
PB99424BS

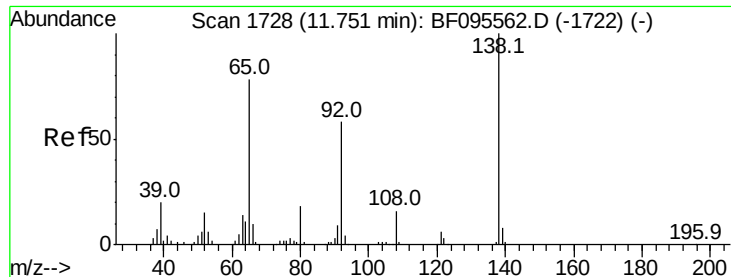
Tot Ion:154 Resp: 511108
Ion Ratio Lower Upper
154 100
153 41.5 21.2 61.2
76 13.6 0.0 29.9



#46
2-Chloronaphthalene
Concen: 42.42 ng
RT: 11.52 min Scan# 1671
Delta R.T. -0.01 min
Lab File: BF095657.D
Acq: 3 Jun 2017 4:53

Tgt Ion:162 Resp: 389473
Ion Ratio Lower Upper
162 100
127 38.6 28.3 42.5
164 33.0 27.0 40.4

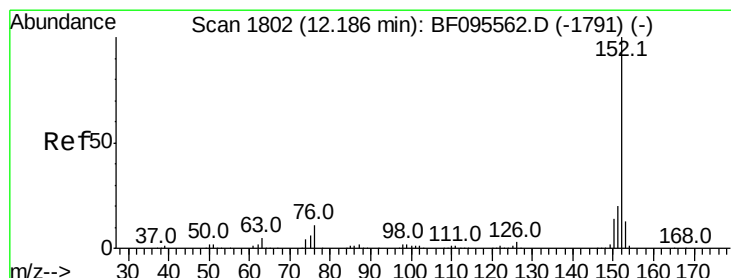
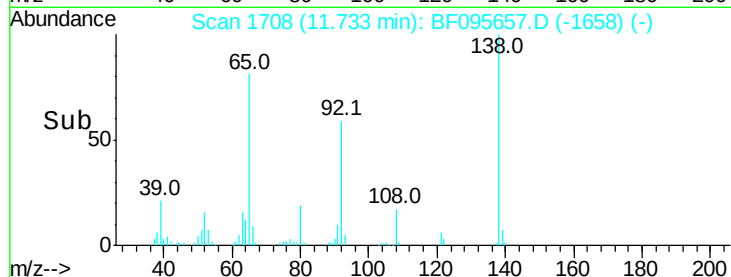
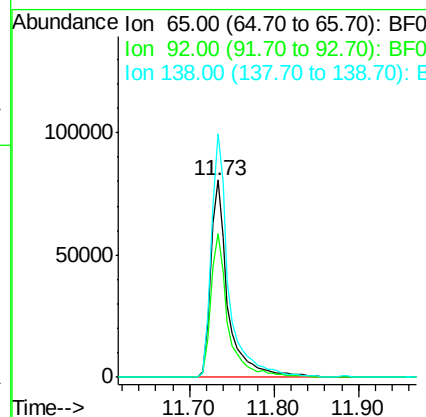
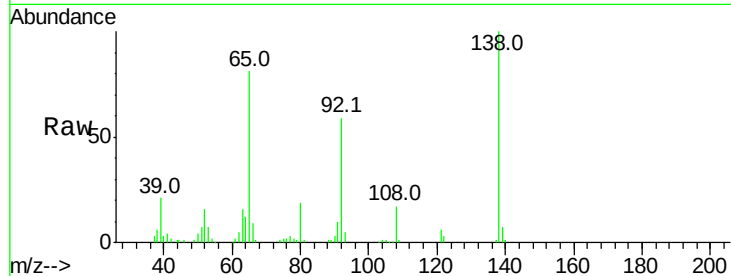




#47
2-Nitroaniline
Concen: 46.10 ng
RT: 11.73 min Scan# 1708
Delta R.T. -0.01 min
Lab File: BF095657.D
Acq: 3 Jun 2017 4:53

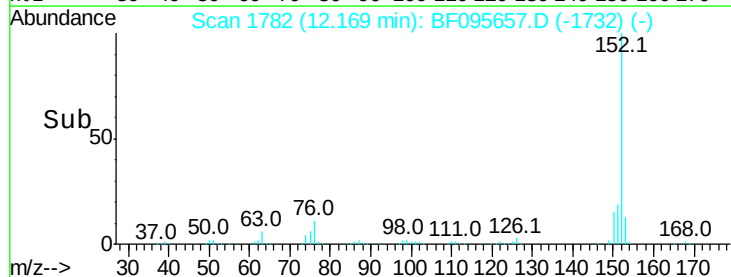
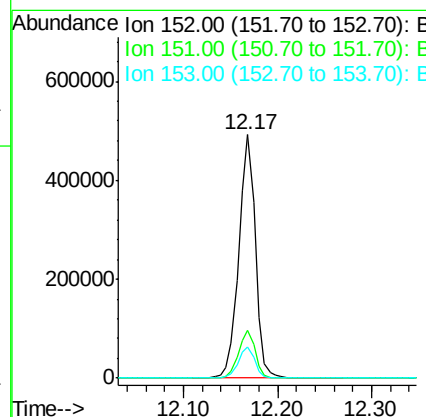
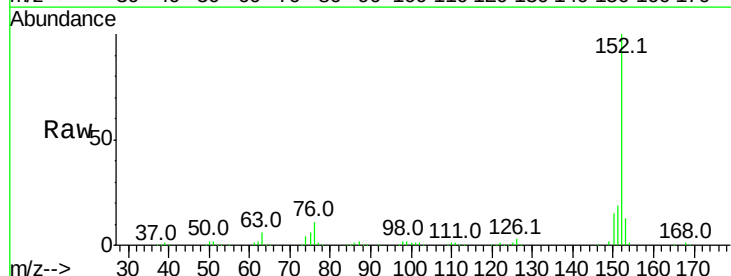
Instrument :
BNA_F
ClientSampleId :
PB99424BS

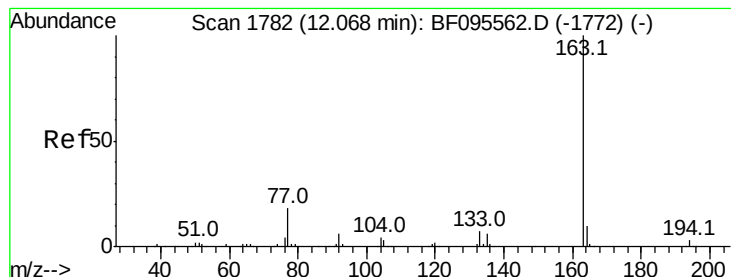
Tot Ion: 65 Resp: 115843
Ion Ratio Lower Upper
65 100
92 72.7 53.9 80.9
138 123.4 78.8 118.2#



#48
Acenaphthylene
Concen: 41.89 ng
RT: 12.17 min Scan# 1782
Delta R.T. -0.01 min
Lab File: BF095657.D
Acq: 3 Jun 2017 4:53

Tgt Ion: 152 Resp: 602385
Ion Ratio Lower Upper
152 100
151 19.5 16.8 25.2
153 12.7 10.8 16.2





#49

Dimethylphthalate

Concen: 42.65 ng

RT: 12.05 min Scan# 1762

Delta R.T. -0.01 min

Lab File: BF095657.D

Acq: 3 Jun 2017 4:53

Instrument :

BNA_F

ClientSampleId :

PB99424BS

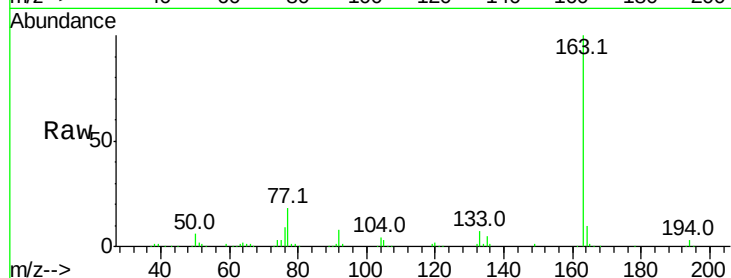
Tot Ion:163 Resp: 472864

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

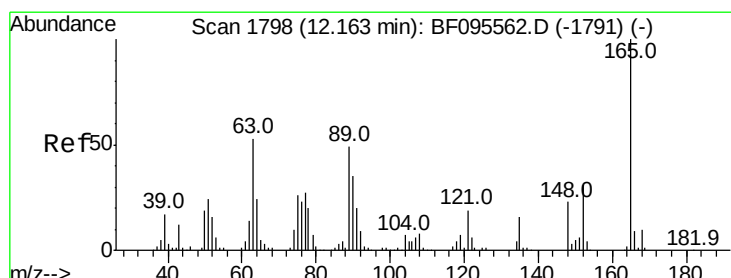
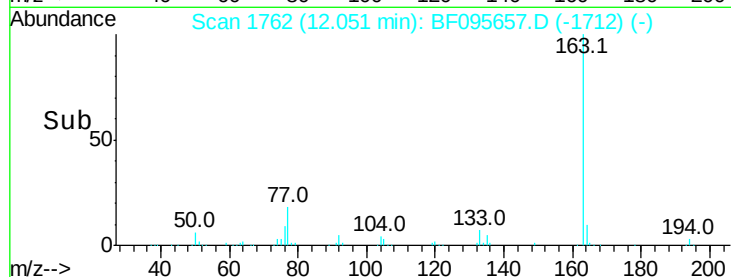
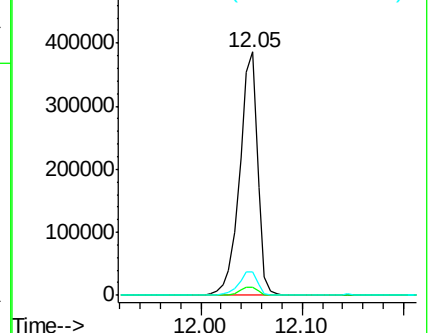
164 9.6 8.4 12.6



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



#50

2,6-Dinitrotoluene

Concen: 41.05 ng

RT: 12.15 min Scan# 1778

Delta R.T. -0.01 min

Lab File: BF095657.D

Acq: 3 Jun 2017 4:53

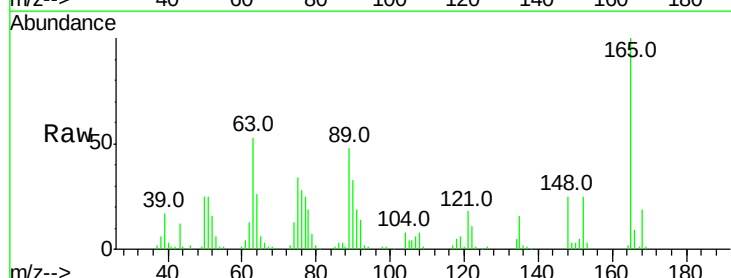
Tgt Ion:165 Resp: 92852

Ion Ratio Lower Upper

165 100

63 53.4 34.3 51.5#

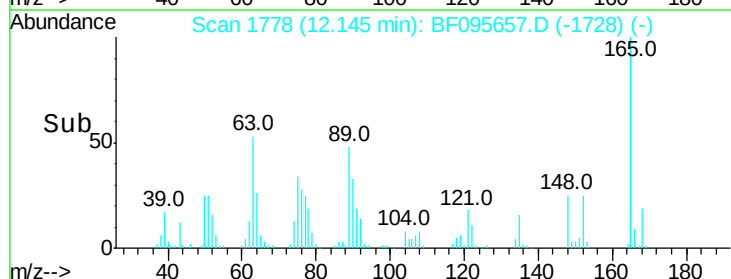
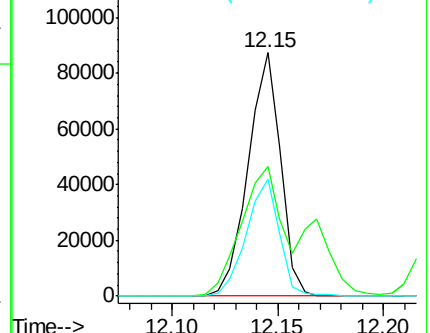
89 48.1 37.1 55.7

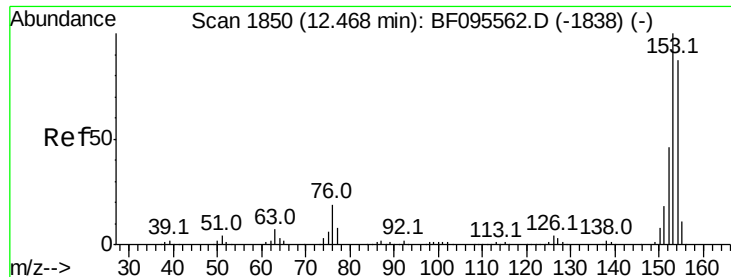


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.32 ng

RT: 12.45 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF095657.D

Acq: 3 Jun 2017 4:53

Instrument :

BNA_F

ClientSampleId :

PB99424BS

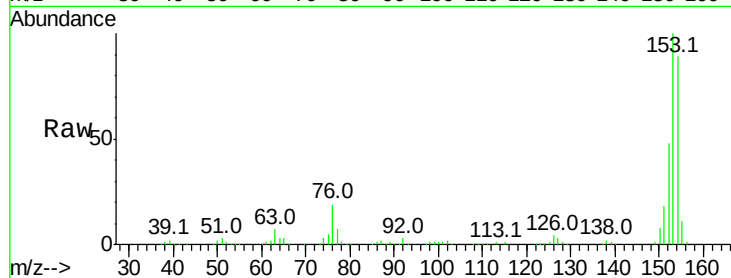
Tot Ion:154 Resp: 346352

Ion Ratio Lower Upper

154 100

153 112.7 90.5 135.7

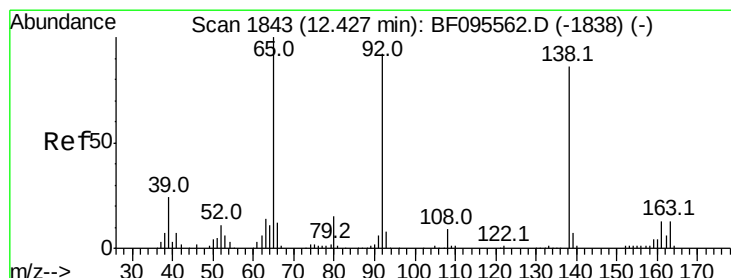
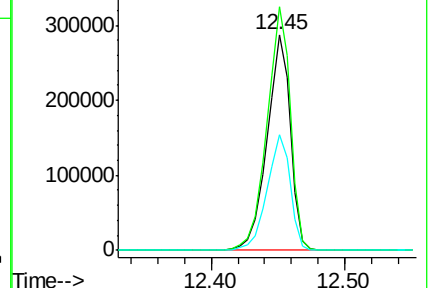
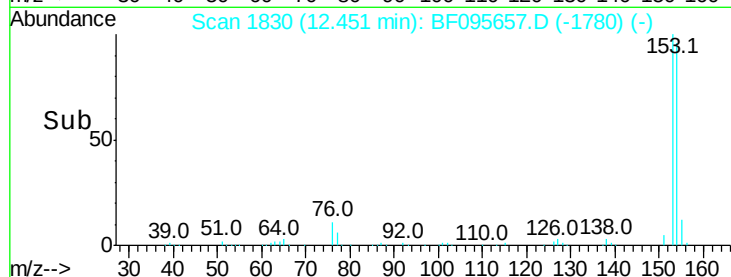
152 53.8 43.6 65.4



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



#52

3-Nitroaniline

Concen: 38.18 ng

RT: 12.42 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF095657.D

Acq: 3 Jun 2017 4:53

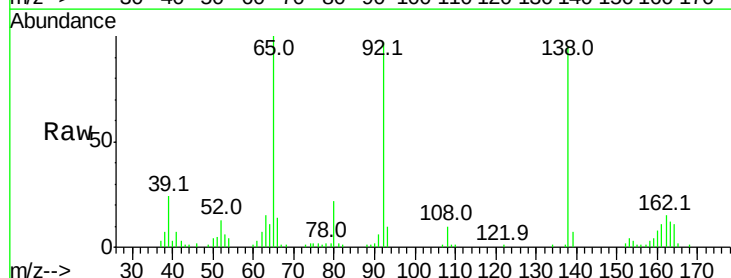
Tgt Ion:138 Resp: 92697

Ion Ratio Lower Upper

138 100

108 10.9 9.1 13.7

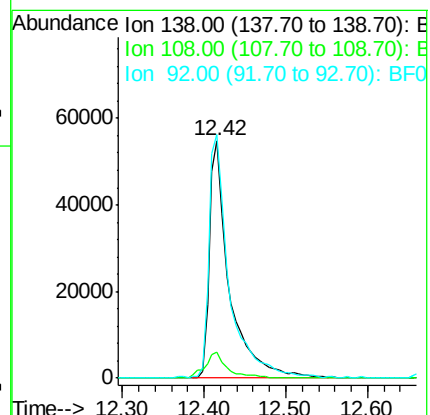
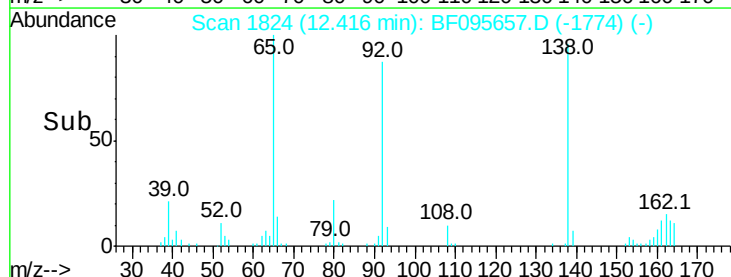
92 102.6 93.8 140.6

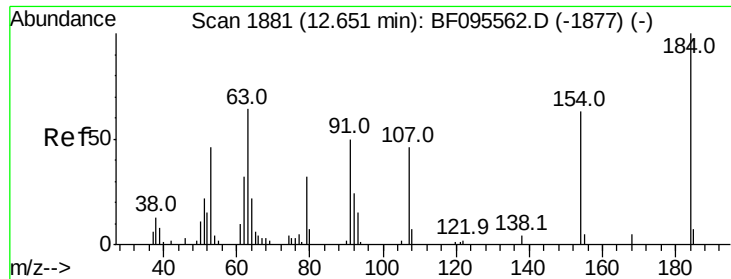


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

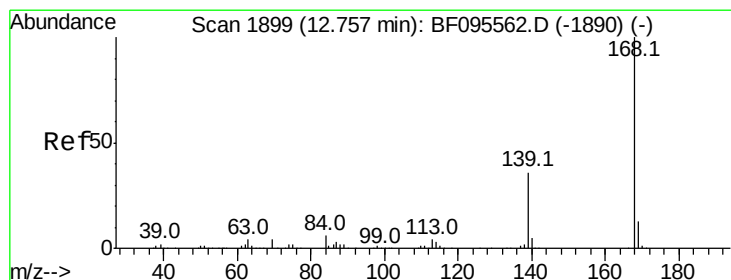
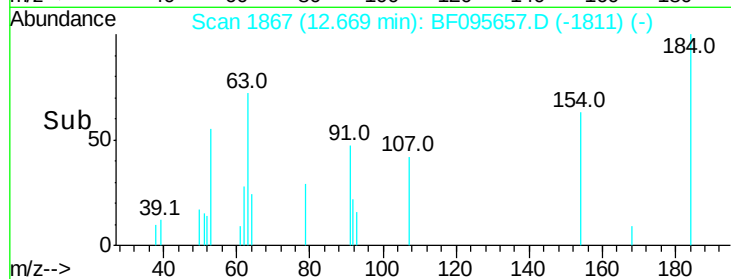
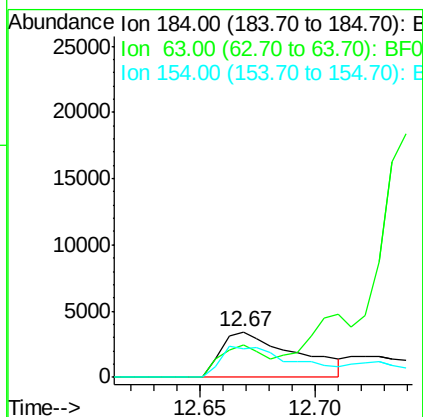
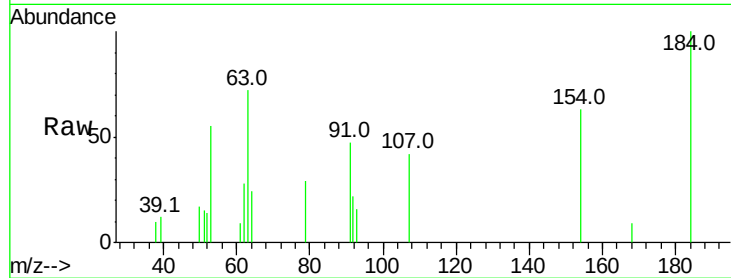




#53
 2,4-Dinitrophenol
 Concen: 11.94 ng
 RT: 12.67 min Scan# 1867
 Delta R.T. 0.03 min
 Lab File: BF095657.D
 Acq: 3 Jun 2017 4:53

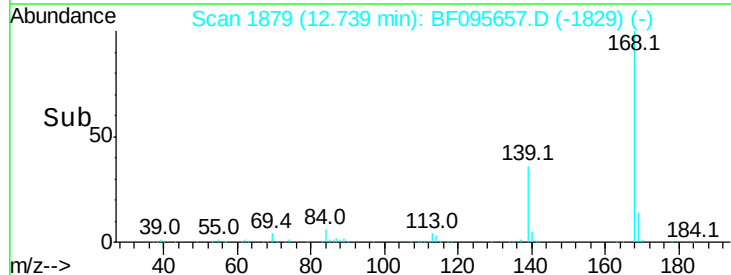
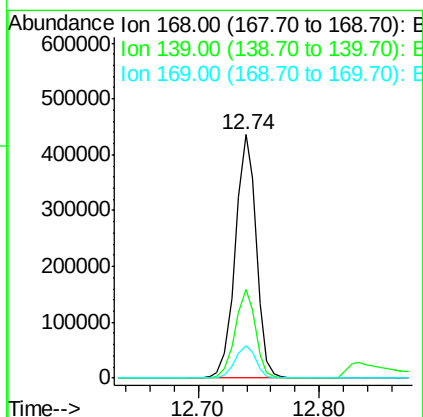
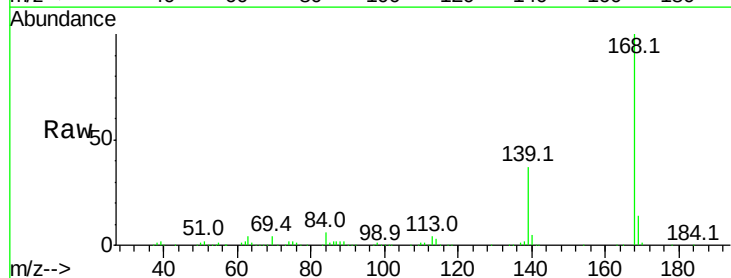
Instrument :
 BNA_F
 ClientSampleID :
 PB99424BS

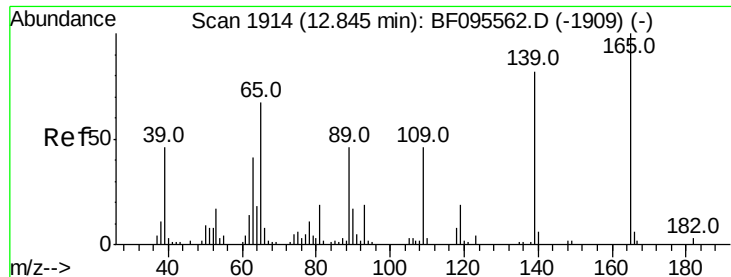
Tot Ion:184 Resp: 7689
 Ion Ratio Lower Upper
 184 100
 63 72.2 62.7 94.1
 154 62.7 81.1 121.7#



#54
 Dibenzofuran
 Concen: 44.58 ng
 RT: 12.74 min Scan# 1879
 Delta R.T. -0.01 min
 Lab File: BF095657.D
 Acq: 3 Jun 2017 4:53

Tgt Ion:168 Resp: 529878
 Ion Ratio Lower Upper
 168 100
 139 36.6 30.6 45.8
 169 13.5 10.8 16.2

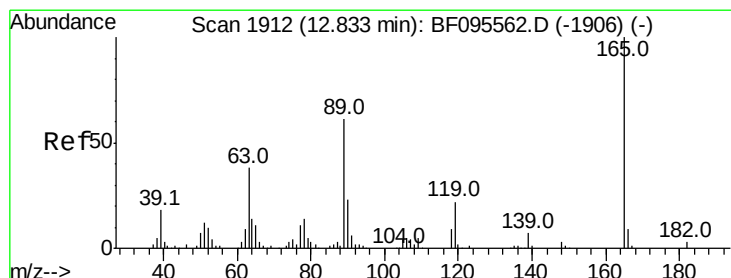
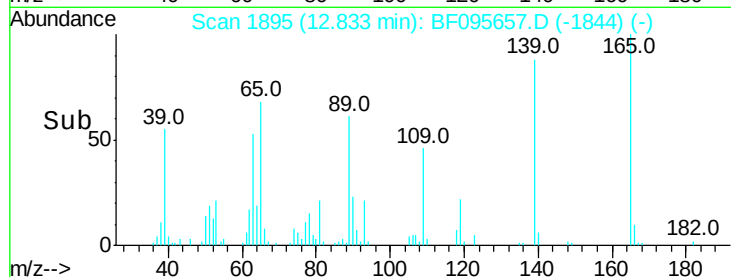
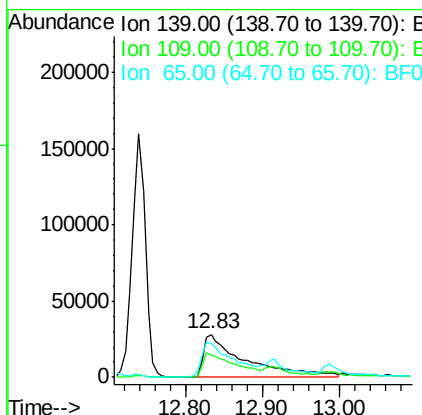
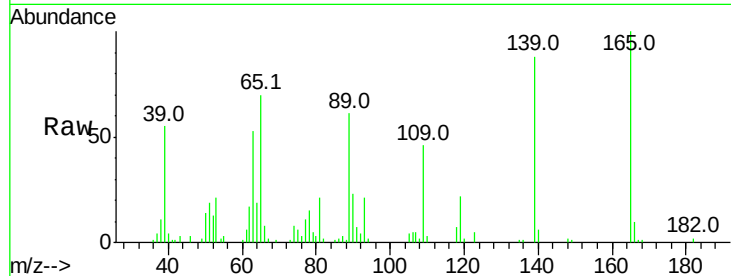




#55
4-Nitrophenol
Concen: 72.12 ng
RT: 12.83 min Scan# 1895
Delta R.T. -0.00 min
Lab File: BF095657.D
Acq: 3 Jun 2017 4:53

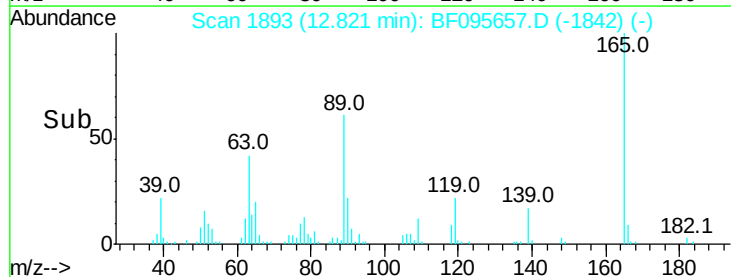
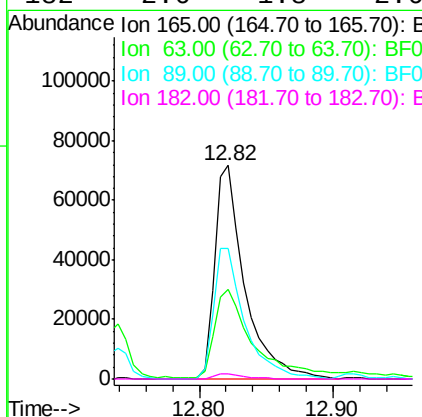
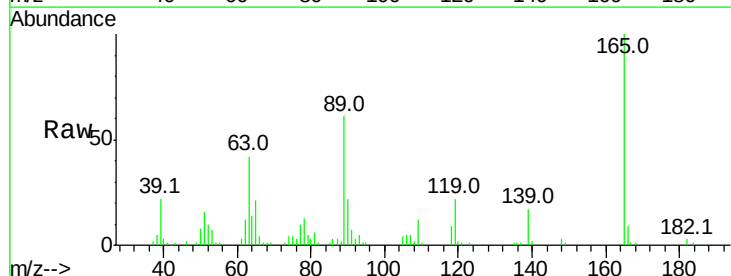
Instrument :
BNA_F
ClientSampleId :
PB99424BS

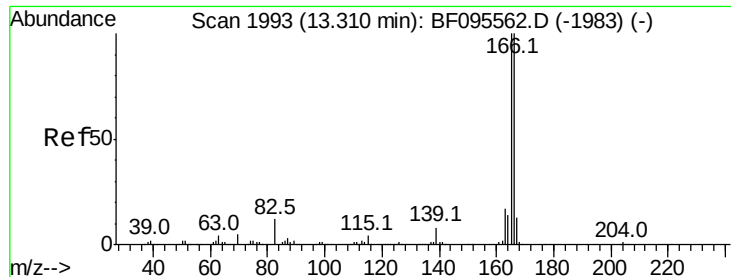
Tot Ion:139 Resp: 105169
Ion Ratio Lower Upper
139 100
109 52.3 34.1 74.1
65 79.7 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 39.06 ng
RT: 12.82 min Scan# 1893
Delta R.T. -0.00 min
Lab File: BF095657.D
Acq: 3 Jun 2017 4:53

Tgt Ion:165 Resp: 113532
Ion Ratio Lower Upper
165 100
63 42.0 25.4 38.0#
89 60.9 46.4 69.6
182 2.6 1.8 2.6

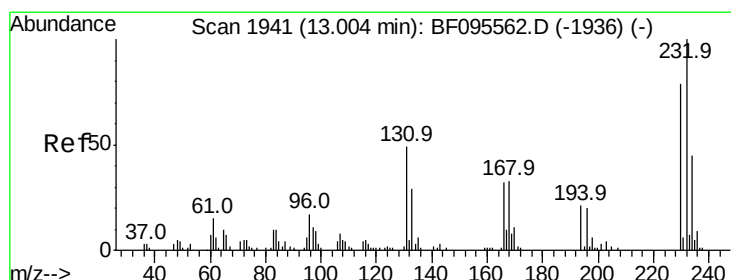
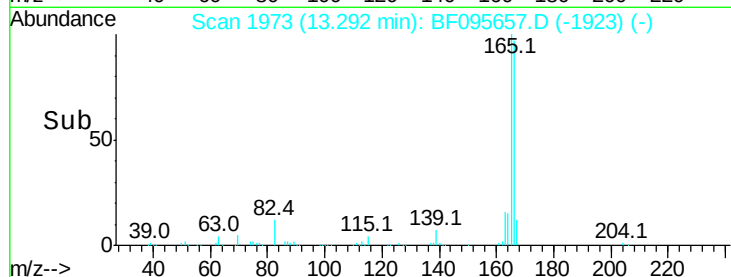
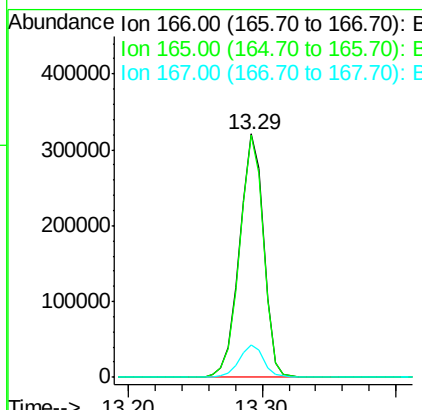
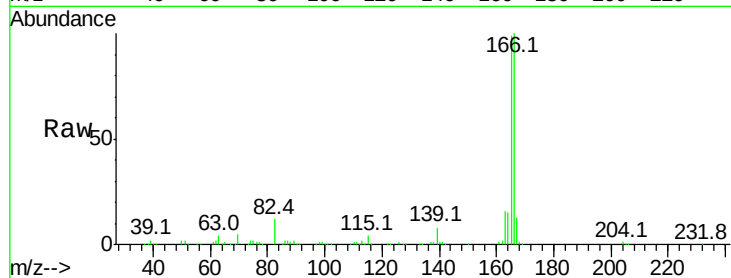




#57
Fluorene
Concen: 38.76 ng
RT: 13.29 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BF095657.D
Acq: 3 Jun 2017 4:53

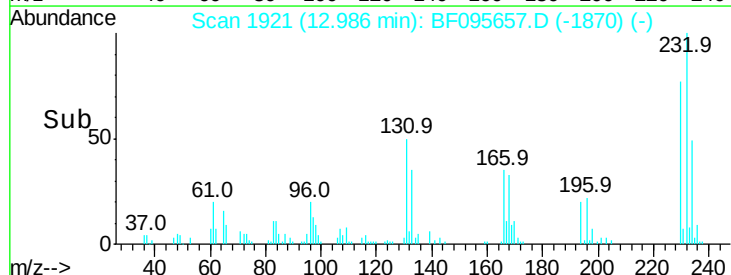
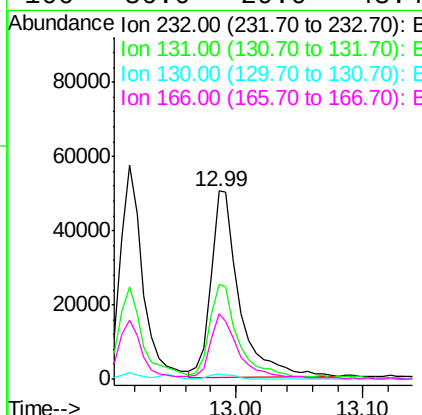
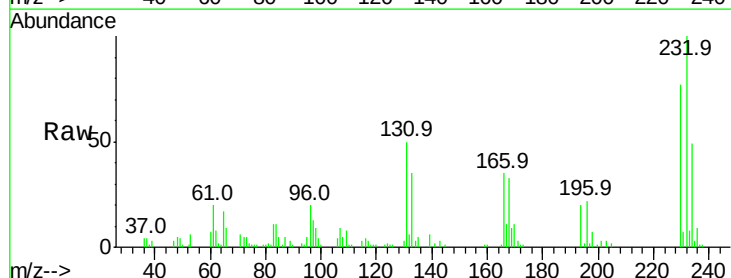
Instrument :
BNA_F
ClientSampleId :
PB99424BS

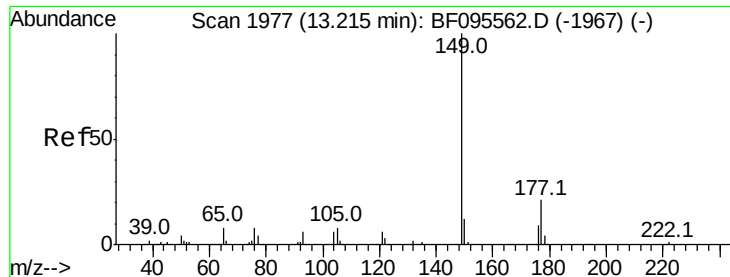
Tot Ion:166 Resp: 400594
Ion Ratio Lower Upper
166 100
165 99.5 78.8 118.2
167 13.3 10.6 16.0



#58
2,3,4,6-Tetrachlorophenol
Concen: 42.11 ng
RT: 12.99 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BF095657.D
Acq: 3 Jun 2017 4:53

Tgt Ion:232 Resp: 78989
Ion Ratio Lower Upper
232 100
131 49.6 44.8 67.2
130 2.4 2.3 3.5
166 36.0 29.0 43.4





#59

Diethylphthalate

Concen: 41.21 ng

RT: 13.19 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BF095657.D

Acq: 3 Jun 2017 4:53

Instrument :

BNA_F

ClientSampleId :

PB99424BS

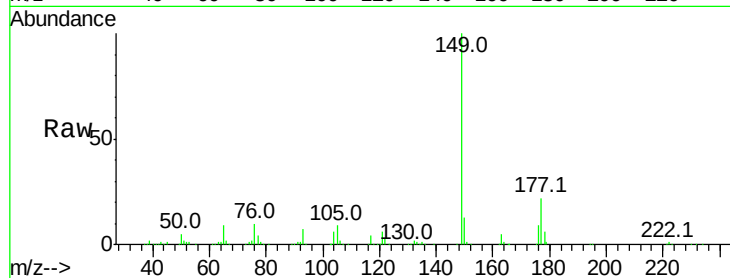
Tot Ion:149 Resp: 437969

Ion Ratio Lower Upper

149 100

177 21.7 16.7 25.1

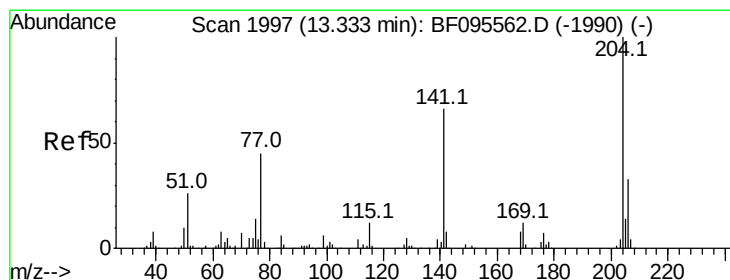
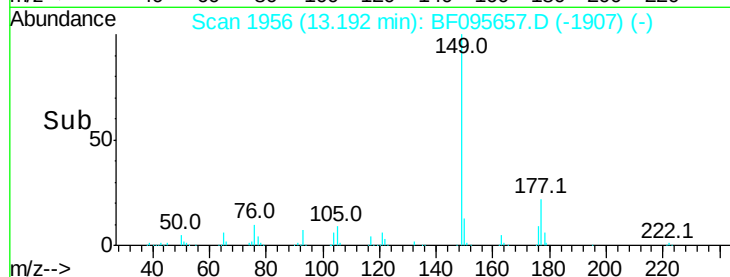
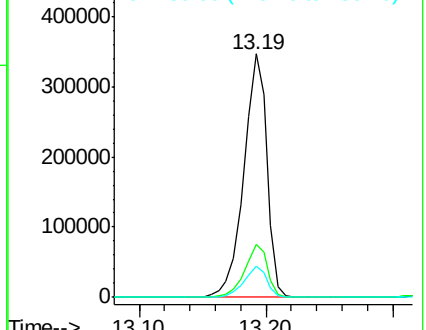
150 12.7 10.2 15.2



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



#60

4-Chlorophenyl-phenylether

Concen: 41.54 ng

RT: 13.32 min Scan# 1978

Delta R.T. -0.00 min

Lab File: BF095657.D

Acq: 3 Jun 2017 4:53

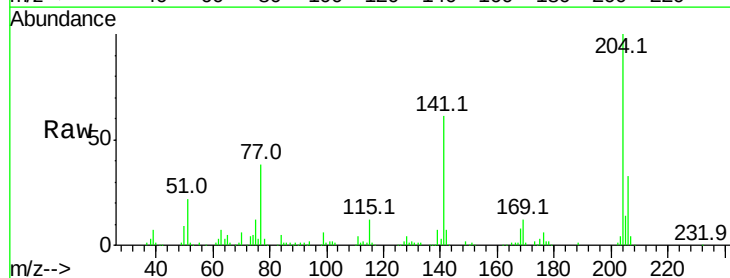
Tgt Ion:204 Resp: 188681

Ion Ratio Lower Upper

204 100

206 32.8 26.2 39.2

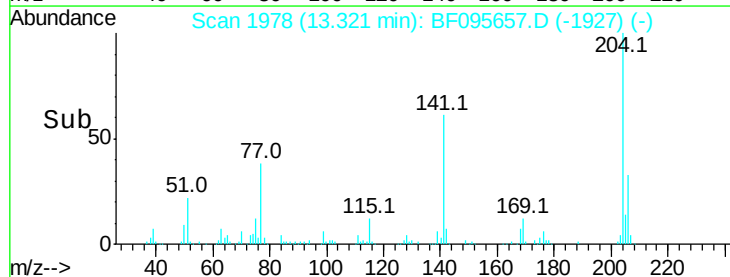
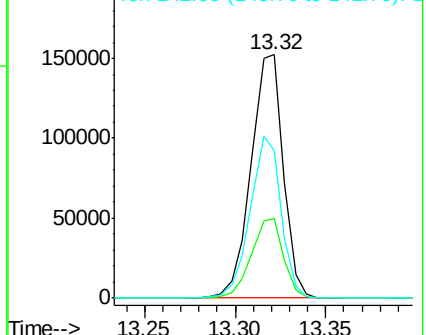
141 60.8 60.8 91.2#

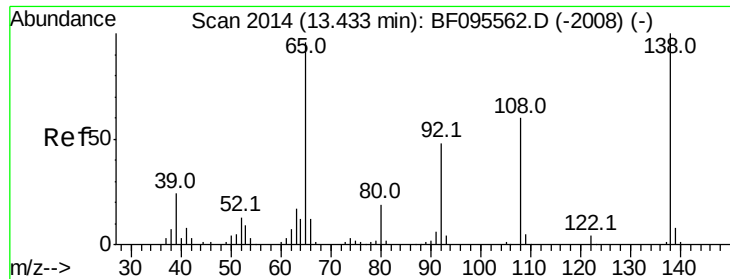


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

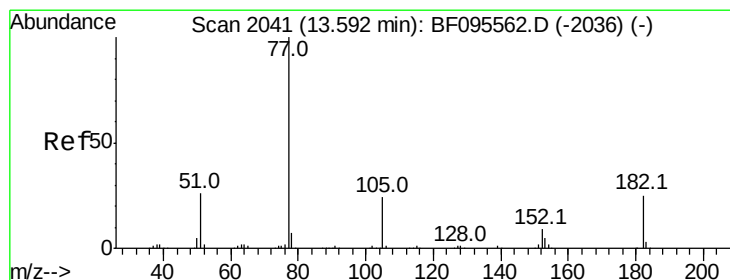
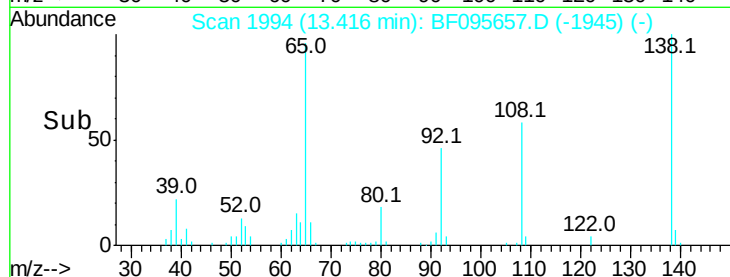
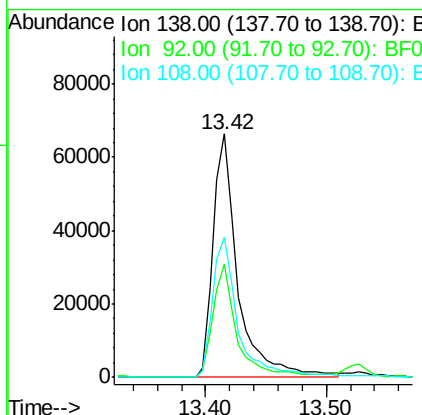
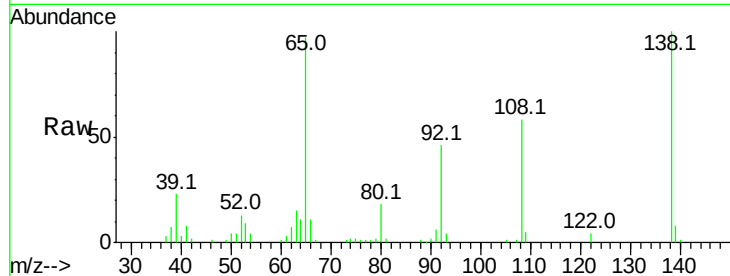




#61
4-Nitroaniline
Concen: 42.19 ng
RT: 13.42 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BF095657.D
Acq: 3 Jun 2017 4:53

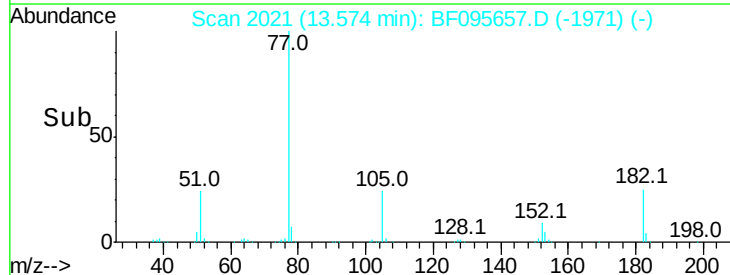
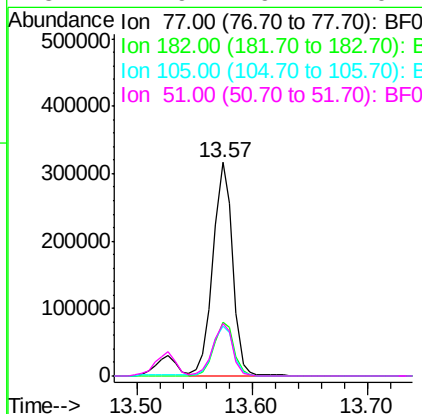
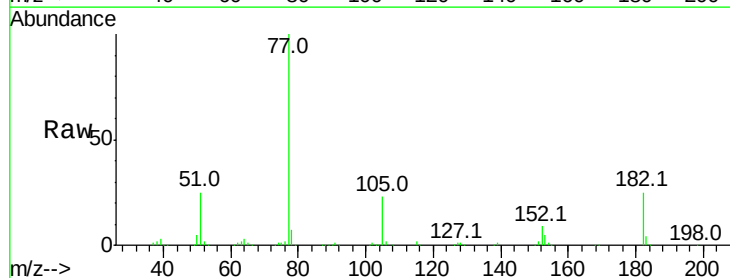
Instrument :
BNA_F
ClientSampleId :
PB99424BS

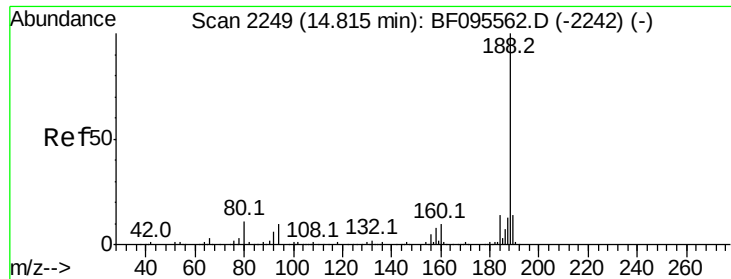
Tot Ion:138 Resp: 94046
Ion Ratio Lower Upper
138 100
92 46.4 21.8 61.8
108 57.6 42.3 82.3



#62
Azobenzene
Concen: 43.80 ng
RT: 13.57 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF095657.D
Acq: 3 Jun 2017 4:53

Tgt Ion: 77 Resp: 374069
Ion Ratio Lower Upper
77 100
182 25.0 0.1 40.1
105 23.5 3.6 43.6
51 24.9 9.4 49.4

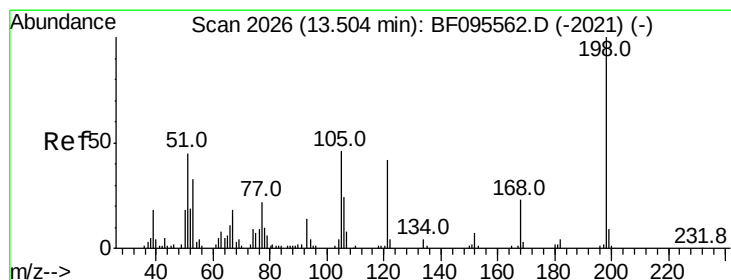
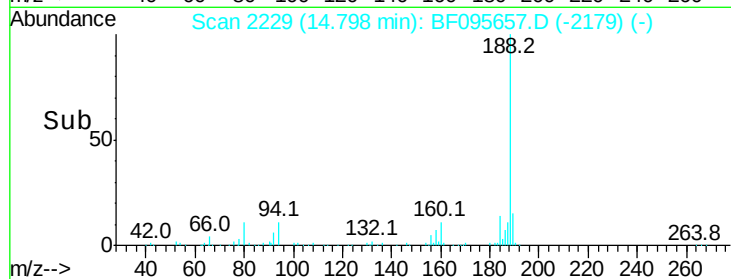
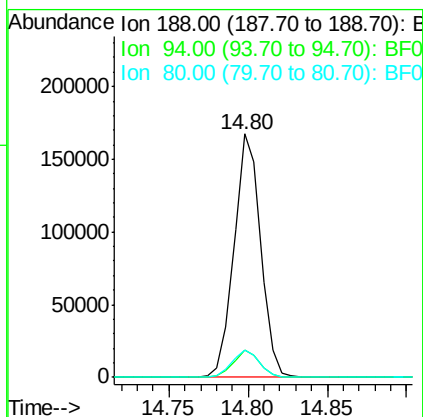
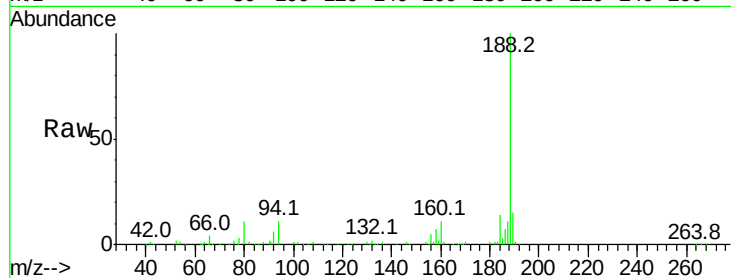




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF095657.D
Acq: 3 Jun 2017 4:53

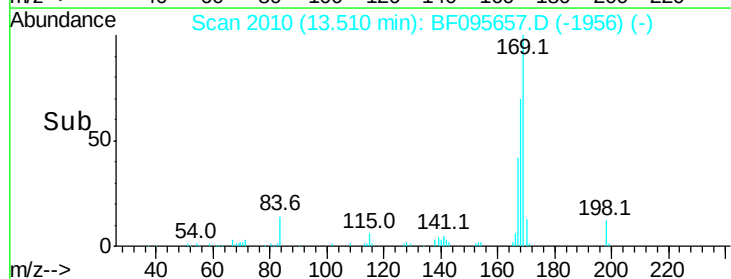
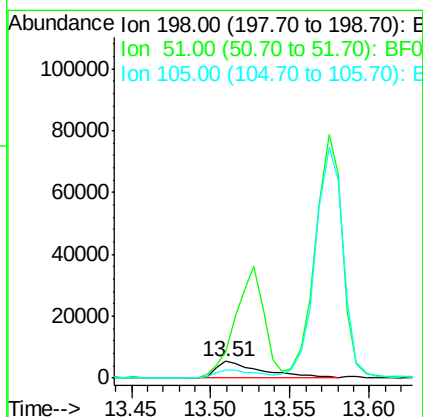
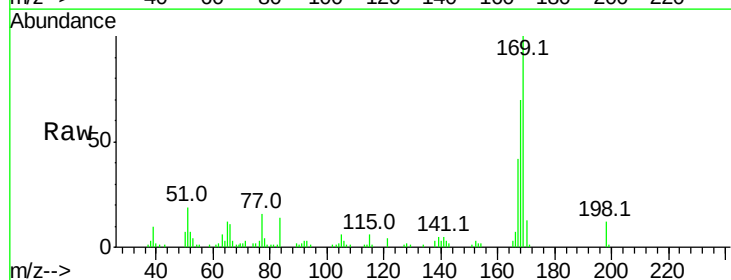
Instrument :
BNA_F
ClientSampleId :
PB99424BS

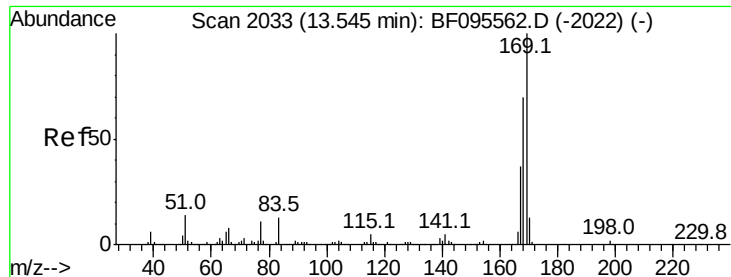
Tot Ion:188 Resp: 193269
Ion Ratio Lower Upper
188 100
94 11.0 9.4 14.2
80 11.2 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 8.57 ng
RT: 13.51 min Scan# 2010
Delta R.T. 0.02 min
Lab File: BF095657.D
Acq: 3 Jun 2017 4:53

Tgt Ion:198 Resp: 11097
Ion Ratio Lower Upper
198 100
51 153.4 53.2 93.2#
105 46.9 45.8 85.8

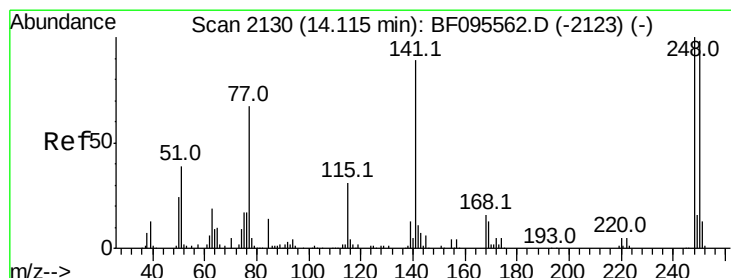
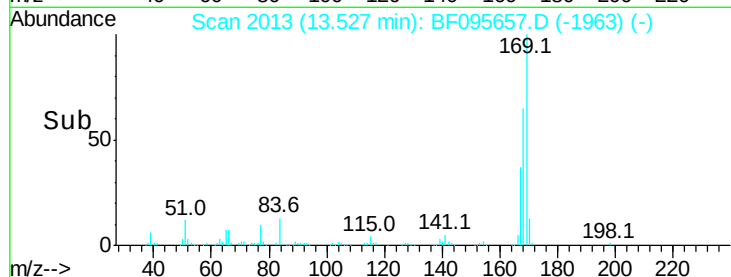
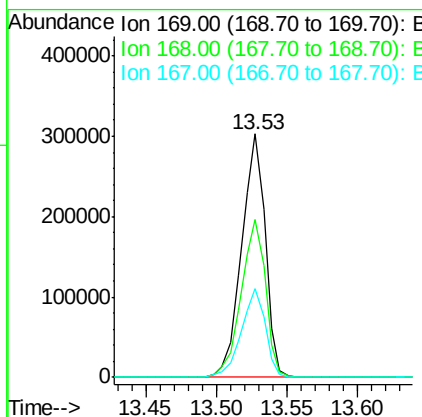
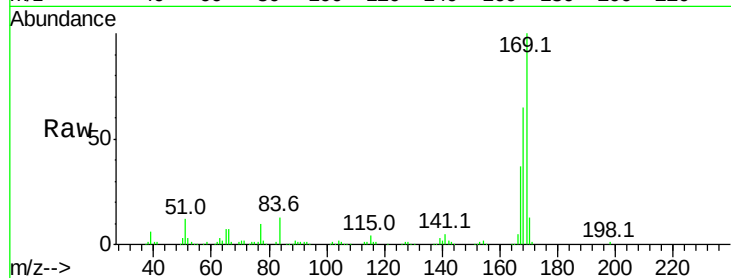




#65
n-Nitrosodiphenylamine
Concen: 50.55 ng
RT: 13.53 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF095657.D
Acq: 3 Jun 2017 4:53

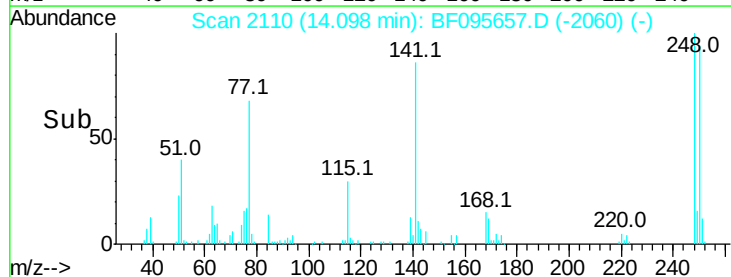
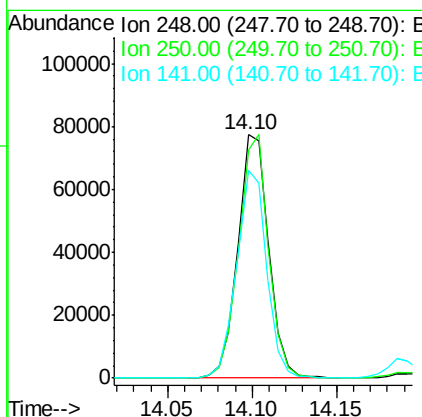
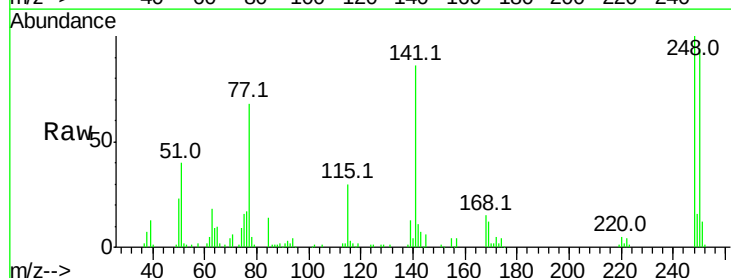
Instrument :
BNA_F
ClientSampleId :
PB99424BS

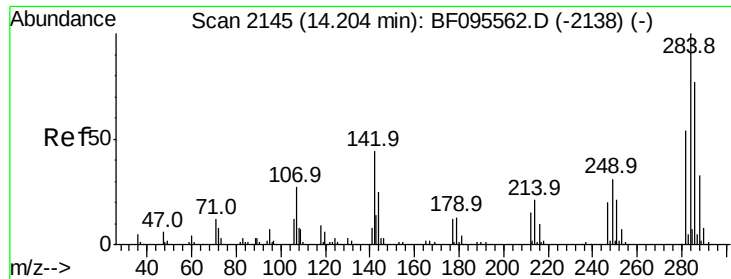
Tot Ion:169 Resp: 354579
Ion Ratio Lower Upper
169 100
168 65.1 53.2 79.8
167 36.6 29.5 44.3



#66
4-Bromophenyl-phenylether
Concen: 48.01 ng
RT: 14.10 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BF095657.D
Acq: 3 Jun 2017 4:53

Tgt Ion:248 Resp: 98026
Ion Ratio Lower Upper
248 100
250 93.8 76.8 115.2
141 85.7 68.6 103.0

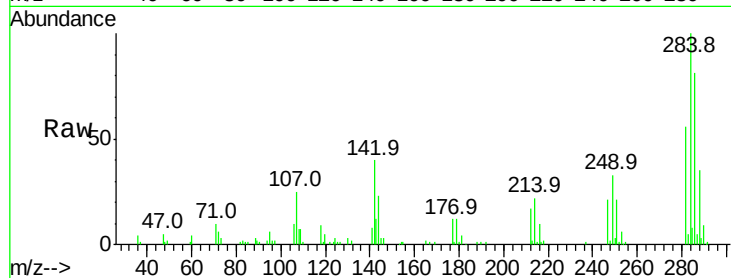




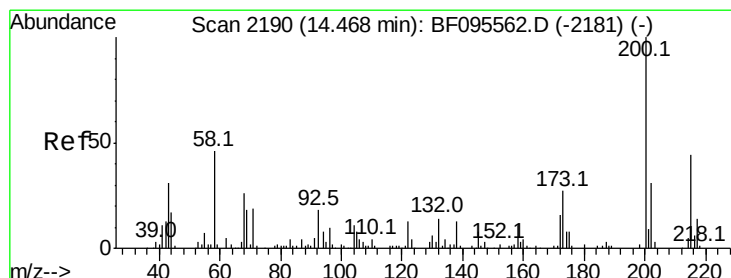
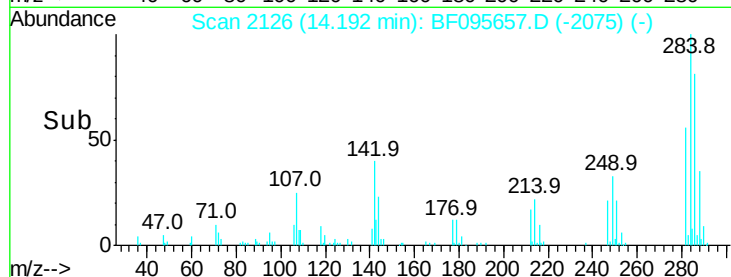
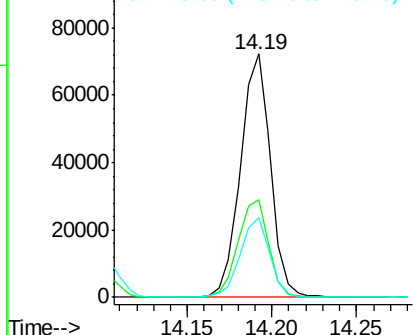
#67
Hexachlorobenzene
Concen: 42.61 ng
RT: 14.19 min Scan# 2126
Delta R.T. -0.00 min
Lab File: BF095657.D
Acq: 3 Jun 2017 4:53

Instrument :
BNA_F
ClientSampleId :
PB99424BS

Tot Ion:284 Resp: 89175
Ion Ratio Lower Upper
284 100
142 40.0 22.8 34.2#
249 32.8 24.0 36.0

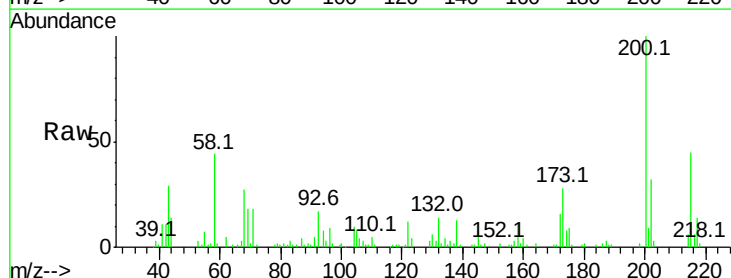


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

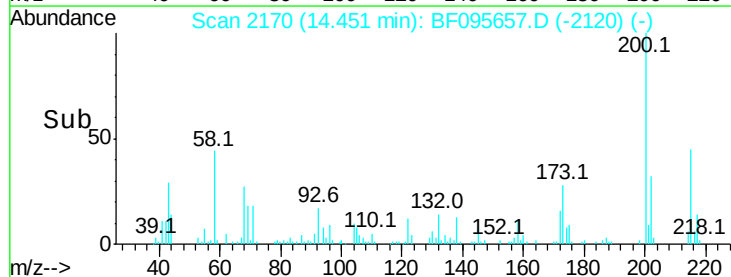
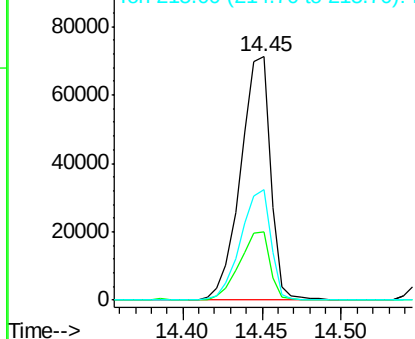


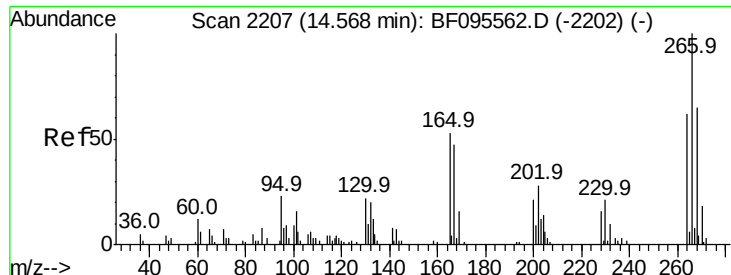
#68
Atrazine
Concen: 47.00 ng
RT: 14.45 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BF095657.D
Acq: 3 Jun 2017 4:53

Tgt Ion:200 Resp: 93087
Ion Ratio Lower Upper
200 100
173 28.0 6.3 46.3
215 45.3 27.2 67.2



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

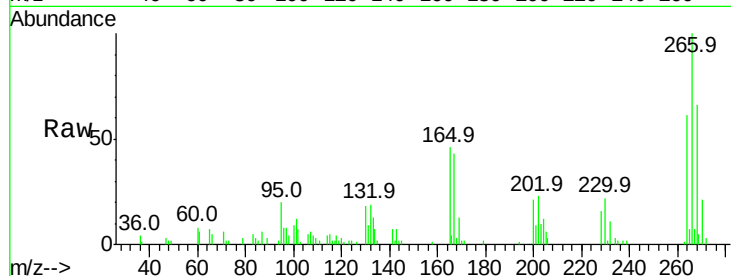




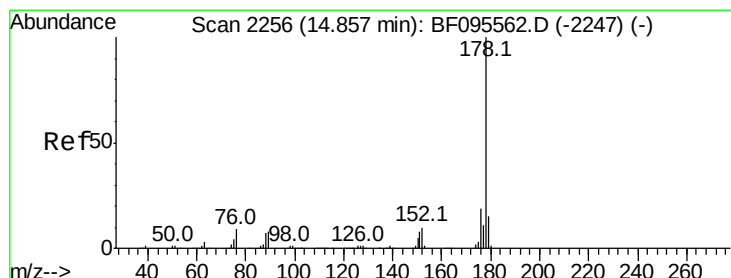
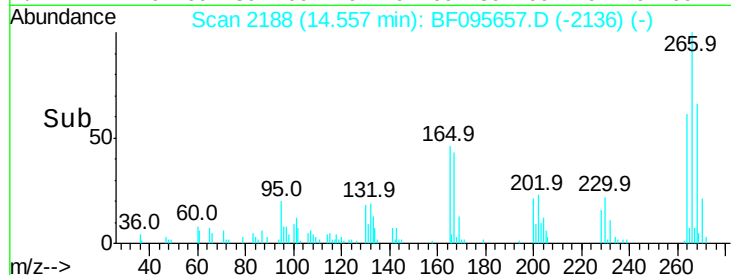
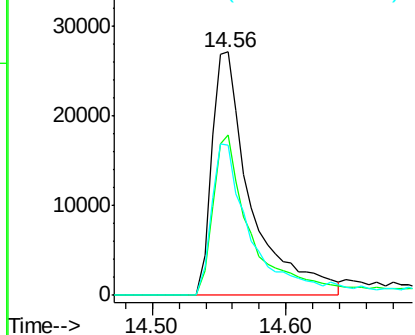
#69
 Pentachlorophenol
 Concen: 60.51 ng
 RT: 14.56 min Scan# 2188
 Delta R.T. 0.01 min
 Lab File: BF095657.D
 Acq: 3 Jun 2017 4:53

Instrument :
 BNA_F
 ClientSampleId :
 PB99424BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.8	51.1	76.7
264	61.5	51.7	77.5

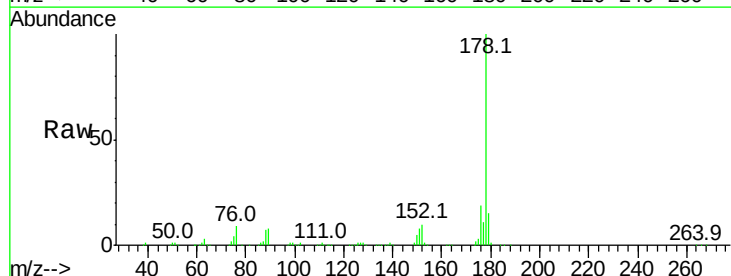


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

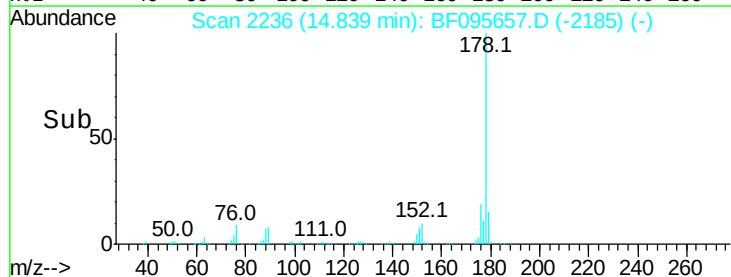
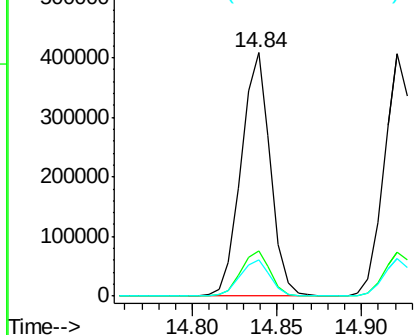


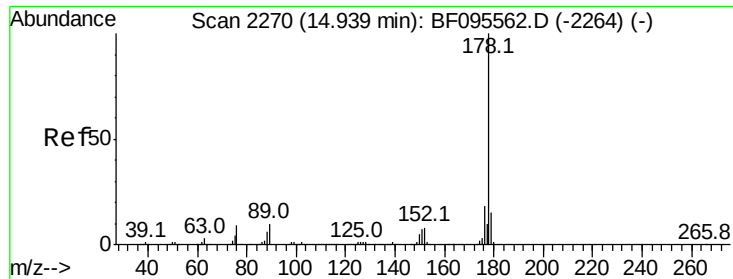
#70
 Phenanthrene
 Concen: 44.27 ng
 RT: 14.84 min Scan# 2236
 Delta R.T. -0.00 min
 Lab File: BF095657.D
 Acq: 3 Jun 2017 4:53

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.2	24.4
179	15.1	12.6	19.0



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

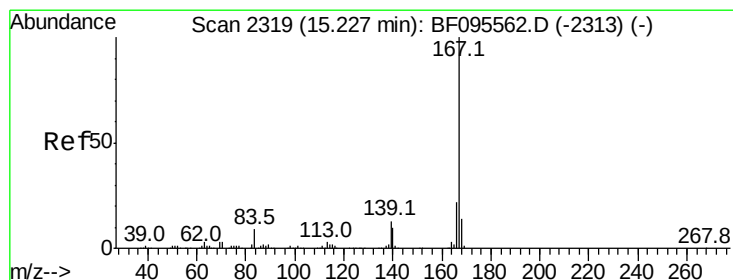
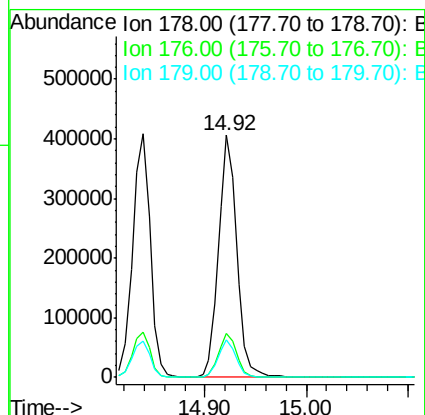
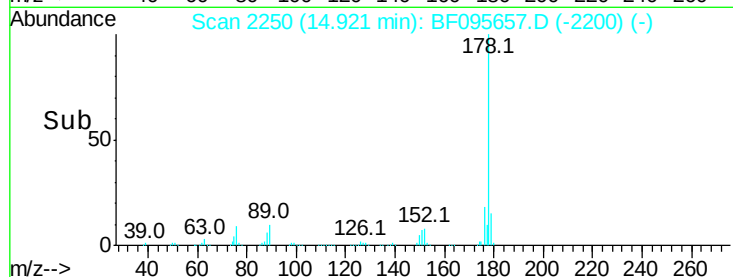
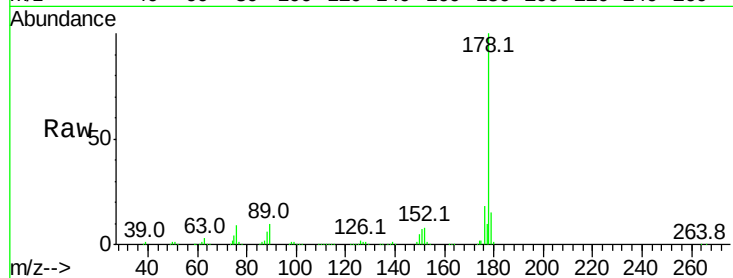




#71
 Anthracene
 Concen: 44.73 ng
 RT: 14.92 min Scan# 2250
 Delta R.T. -0.01 min
 Lab File: BF095657.D
 Acq: 3 Jun 2017 4:53

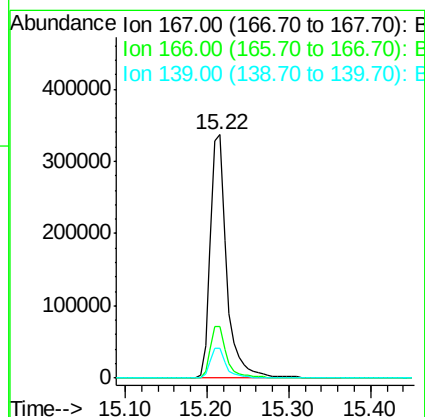
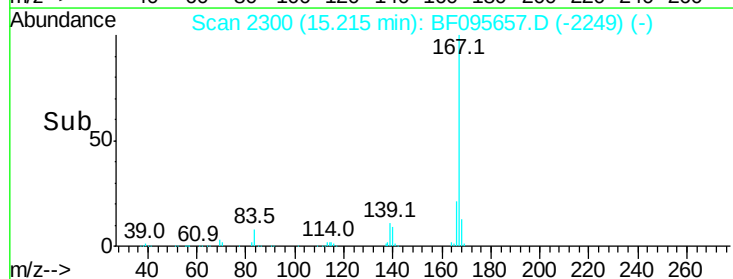
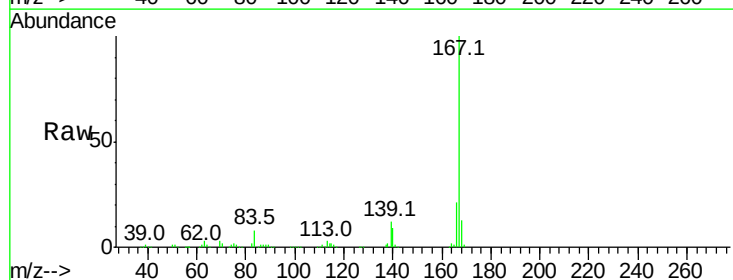
Instrument :
 BNA_F
 ClientSampleId :
 PB99424BS

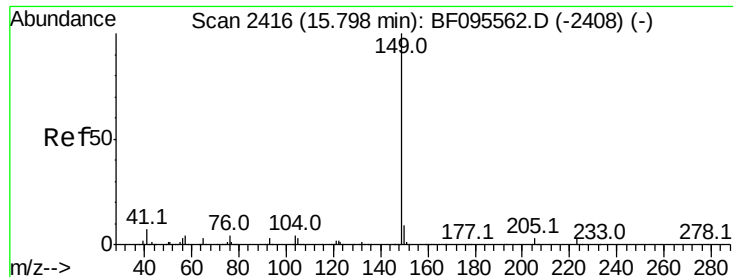
Tot Ion:178 Resp: 507389
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.8 23.8
 179 15.3 12.7 19.1



#72
 Carbazole
 Concen: 45.24 ng
 RT: 15.22 min Scan# 2300
 Delta R.T. -0.00 min
 Lab File: BF095657.D
 Acq: 3 Jun 2017 4:53

Tgt Ion:167 Resp: 466888
 Ion Ratio Lower Upper
 167 100
 166 20.9 18.1 27.1
 139 12.4 11.7 17.5





#73

Di-n-butylphthalate

Concen: 47.32 ng

RT: 15.79 min Scan# 2397

Delta R.T. -0.00 min

Lab File: BF095657.D

Acq: 3 Jun 2017 4:53

Instrument :

BNA_F

ClientSampleId :

PB99424BS

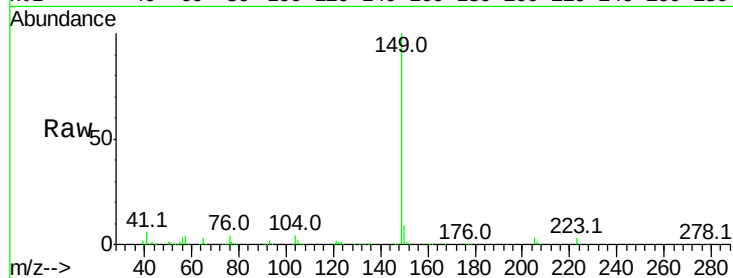
Tot Ion:149 Resp: 609044

Ion Ratio Lower Upper

149 100

150 9.0 7.7 11.5

104 4.2 4.0 6.0

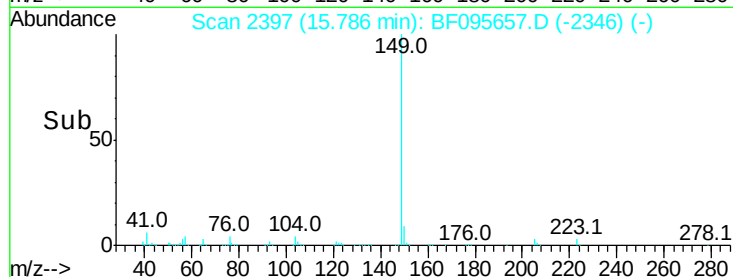


Abundance Ion 149.00 (148.70 to 149.70): E

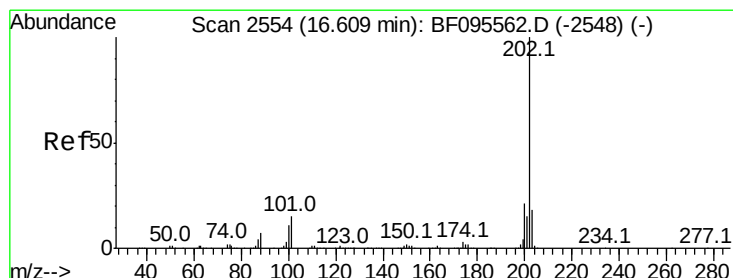
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

15.79



Time--> 15.70 15.80



#74

Fluoranthene

Concen: 41.46 ng

RT: 16.60 min Scan# 2535

Delta R.T. -0.01 min

Lab File: BF095657.D

Acq: 3 Jun 2017 4:53

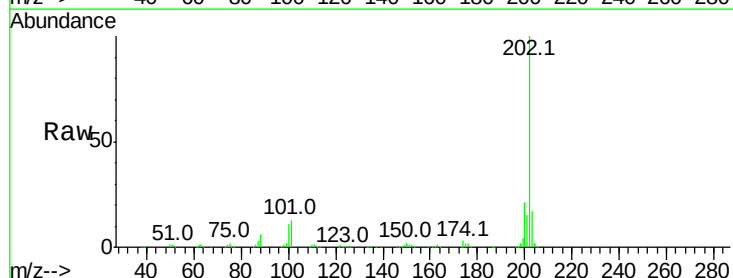
Tgt Ion:202 Resp: 472285

Ion Ratio Lower Upper

202 100

101 13.5 0.0 33.2

203 17.0 0.0 38.1

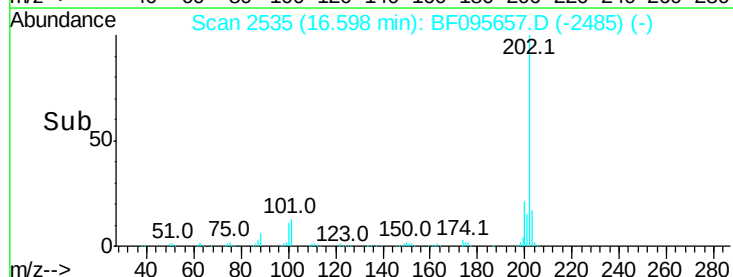


Abundance Ion 202.00 (201.70 to 202.70): E

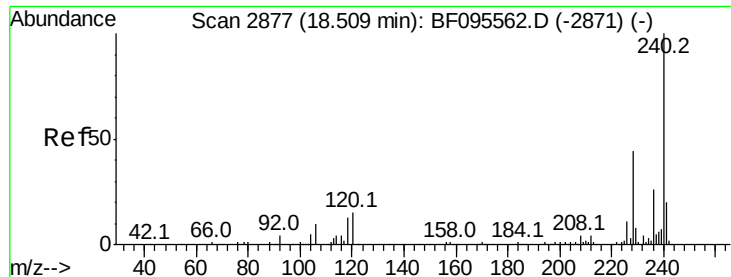
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

16.60



Time--> 16.50 16.60 16.70



#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.50 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BF095657.D

Acq: 3 Jun 2017 4:53

Instrument :

BNA_F

ClientSampleId :

PB99424BS

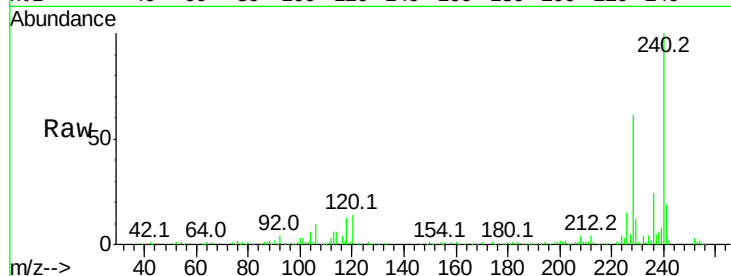
Tot Ion:240 Resp: 153641

Ion Ratio Lower Upper

240 100

120 14.2 5.8 8.8#

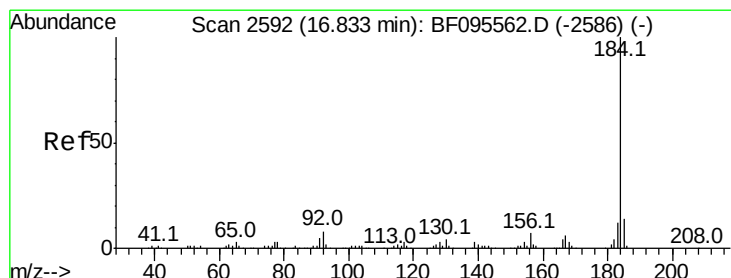
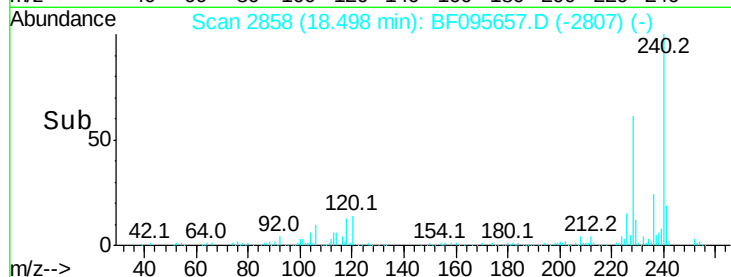
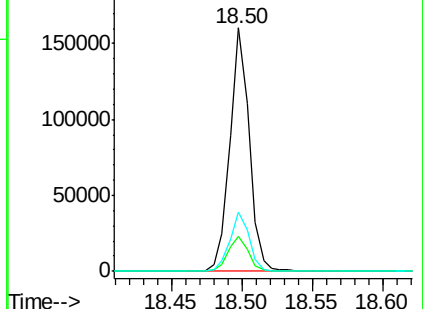
236 24.1 20.5 30.7



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



#76

Benzidine

Concen: 97.89 ng

RT: 16.83 min Scan# 2574

Delta R.T. 0.01 min

Lab File: BF095657.D

Acq: 3 Jun 2017 4:53

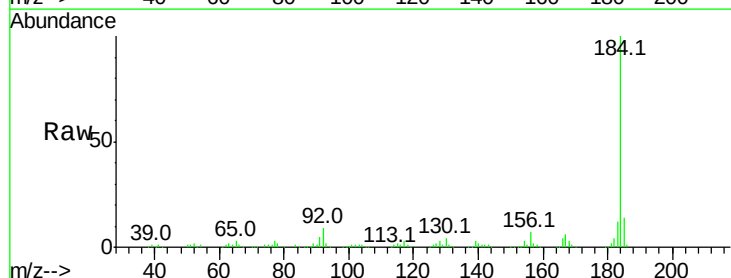
Tgt Ion:184 Resp: 439725

Ion Ratio Lower Upper

184 100

185 14.0 15.5 23.3#

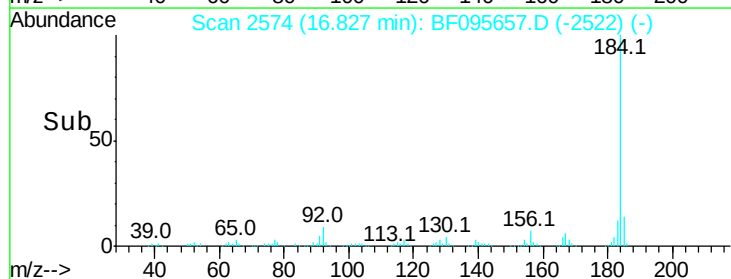
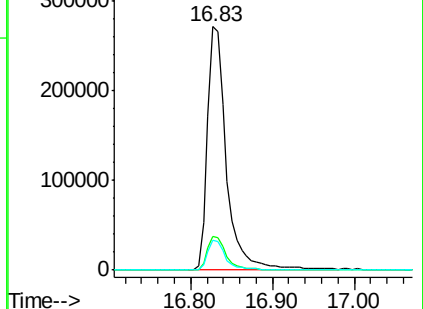
183 12.0 9.8 14.6

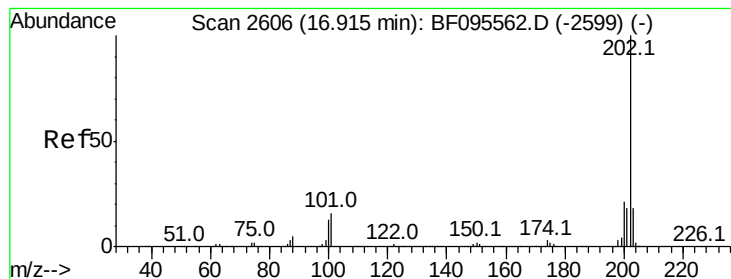


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 41.83 ng

RT: 16.90 min Scan# 2587

Delta R.T. -0.00 min

Lab File: BF095657.D

Acq: 3 Jun 2017 4:53

Instrument :

BNA_F

ClientSampleId :

PB99424BS

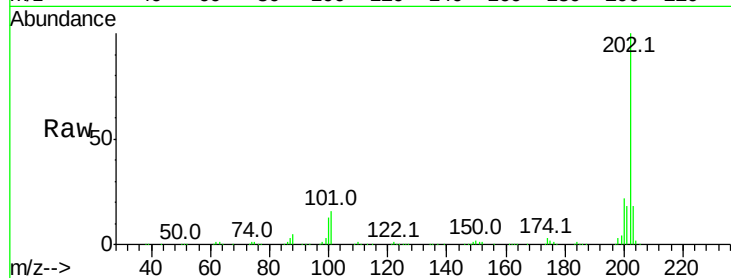
Tot Ion:202 Resp: 480657

Ion Ratio Lower Upper

202 100

200 21.5 17.6 26.4

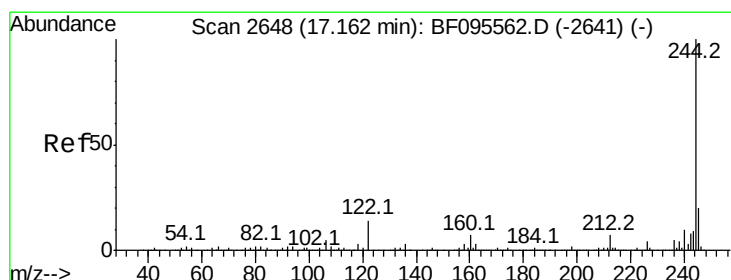
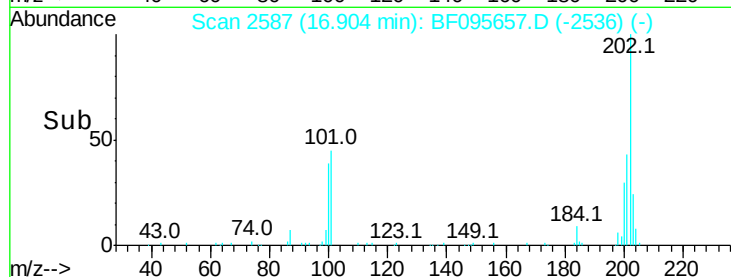
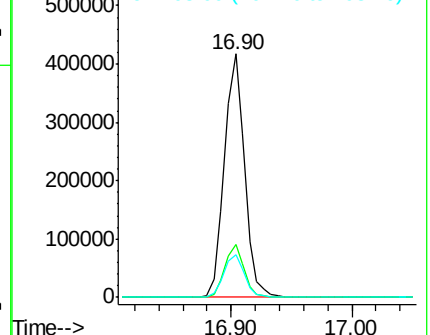
203 17.6 14.4 21.6



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



#78

Terphenyl-d14

Concen: 79.38 ng

RT: 17.15 min Scan# 2629

Delta R.T. -0.00 min

Lab File: BF095657.D

Acq: 3 Jun 2017 4:53

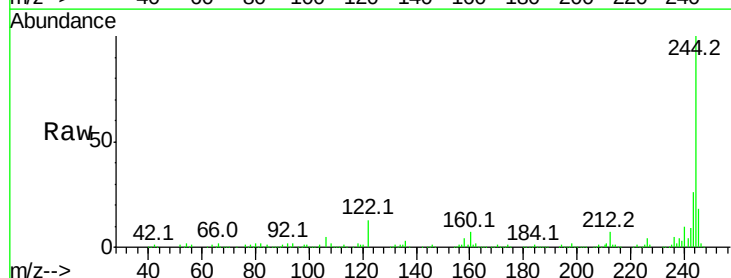
Tgt Ion:244 Resp: 553693

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

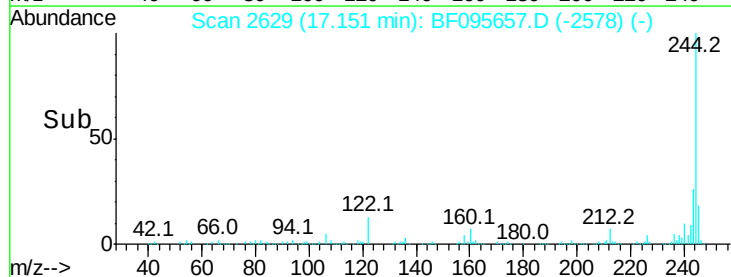
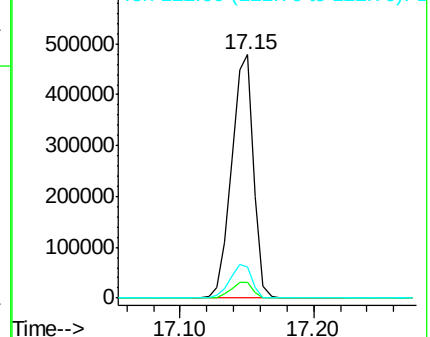
122 12.9 10.3 15.5

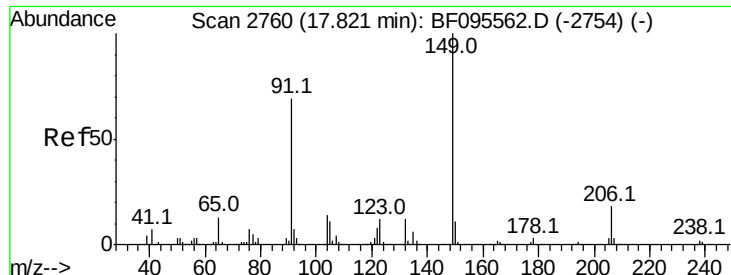


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 42.34 ng

RT: 17.81 min Scan# 2741

Delta R.T. -0.01 min

Lab File: BF095657.D

Acq: 3 Jun 2017 4:53

Instrument :

BNA_F

ClientSampled :

PB99424BS

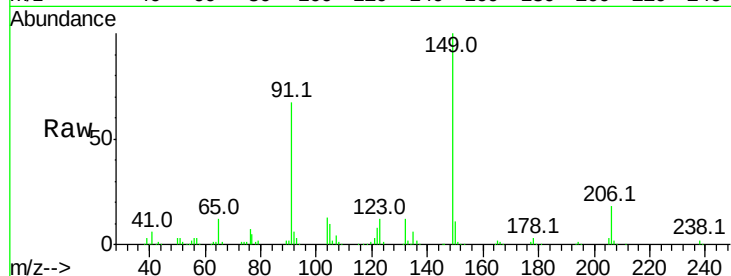
Tot Ion:149 Resp: 226307

Ion Ratio Lower Upper

149 100

91 67.5 45.0 67.4#

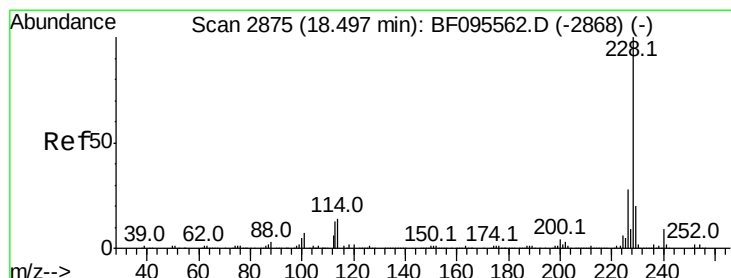
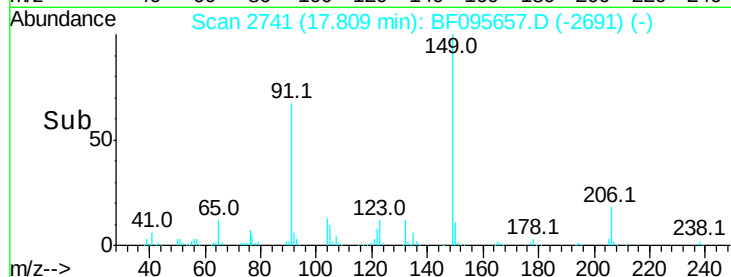
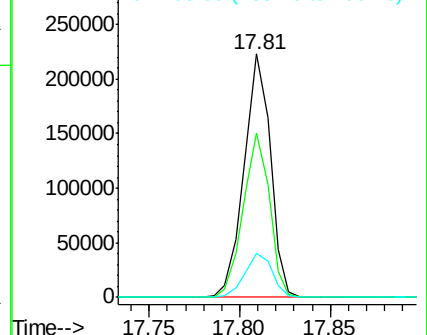
206 18.2 17.0 25.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 43.40 ng

RT: 18.49 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BF095657.D

Acq: 3 Jun 2017 4:53

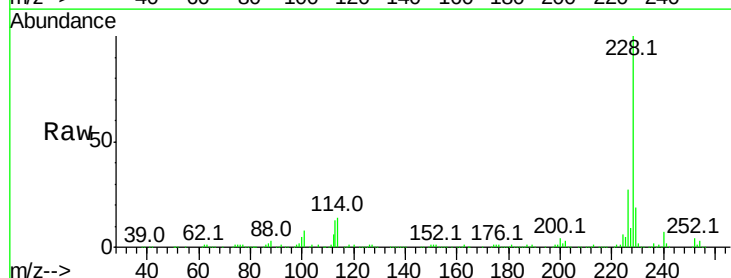
Tgt Ion:228 Resp: 388089

Ion Ratio Lower Upper

228 100

226 27.4 22.6 33.8

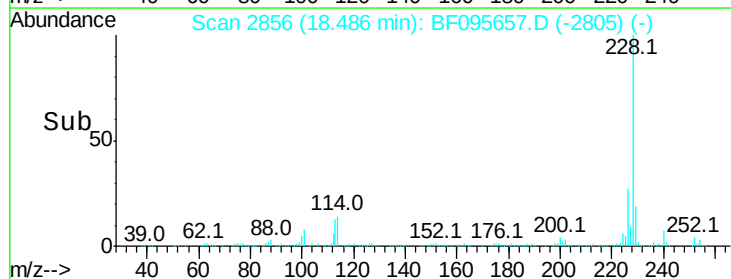
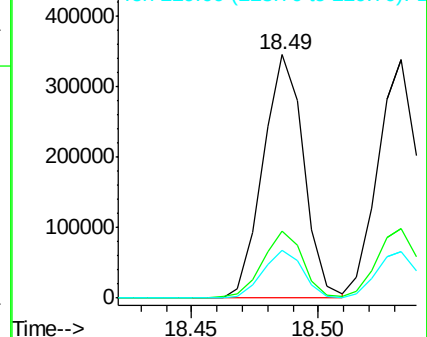
229 19.5 16.3 24.5

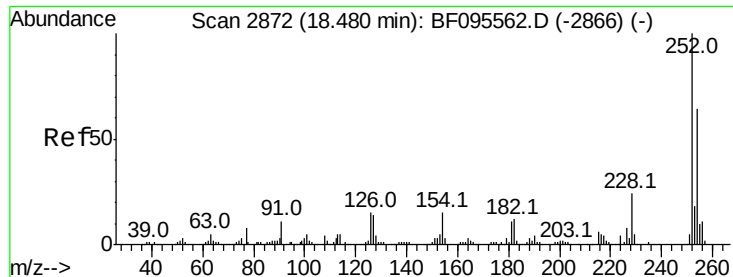


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

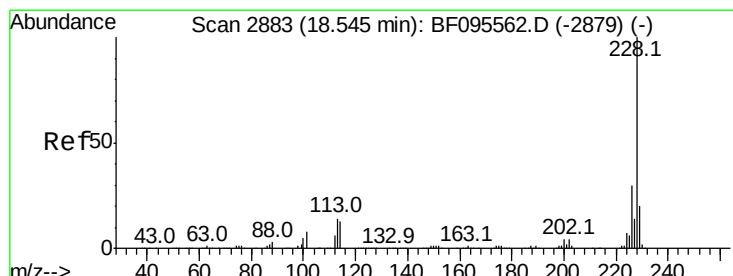
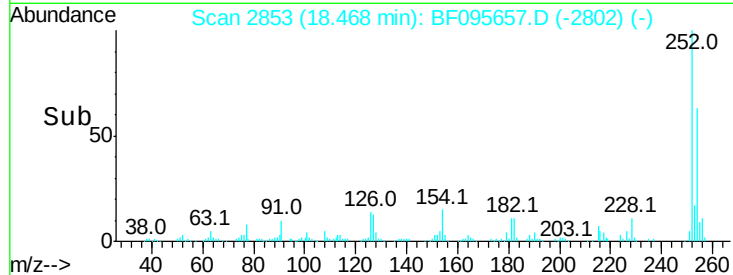
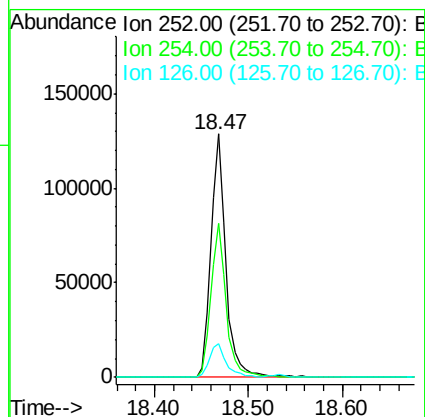
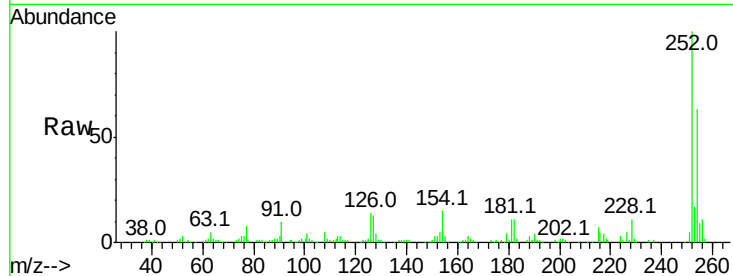




#81
 3,3'-Dichlorobenzidine
 Concen: 47.39 ng
 RT: 18.47 min Scan# 2853
 Delta R.T. -0.00 min
 Lab File: BF095657.D
 Acq: 3 Jun 2017 4:53

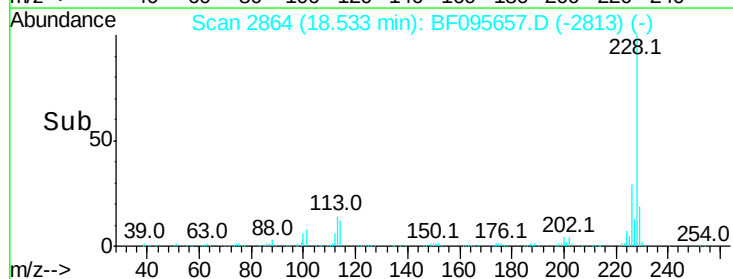
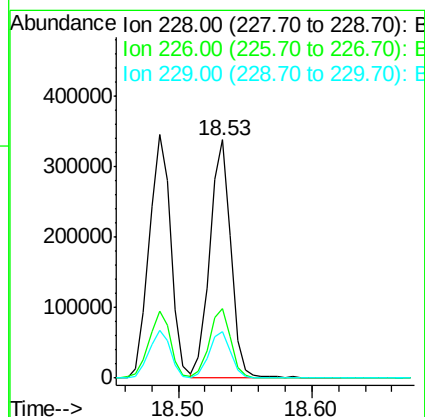
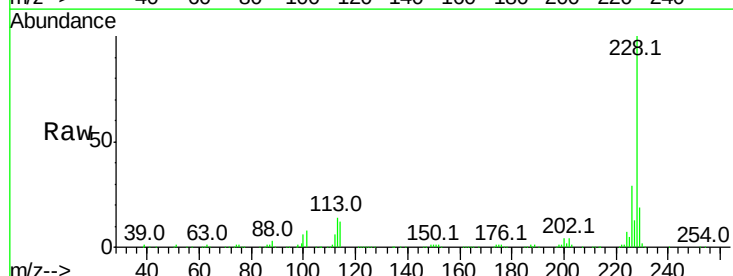
Instrument :
 BNA_F
 ClientSampleId :
 PB99424BS

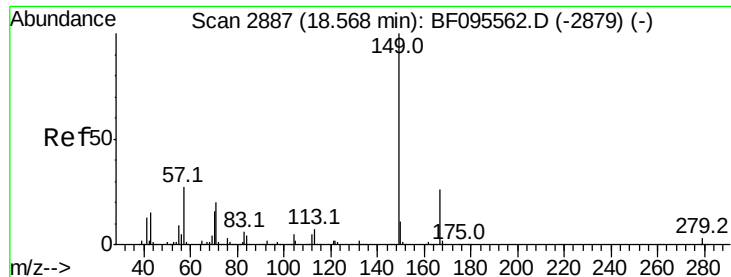
Tot Ion:252 Resp: 146357
 Ion Ratio Lower Upper
 252 100
 254 63.3 51.5 77.3
 126 14.0 15.8 23.8#



#82
 Chrysene
 Concen: 43.22 ng
 RT: 18.53 min Scan# 2864
 Delta R.T. -0.00 min
 Lab File: BF095657.D
 Acq: 3 Jun 2017 4:53

Tgt Ion:228 Resp: 373665
 Ion Ratio Lower Upper
 228 100
 226 29.2 24.9 37.3
 229 19.5 15.8 23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.14 ng

RT: 18.56 min Scan# 2868

Delta R.T. -0.00 min

Lab File: BF095657.D

Acq: 3 Jun 2017 4:53

Instrument :

BNA_F

ClientSampleId :

PB99424BS

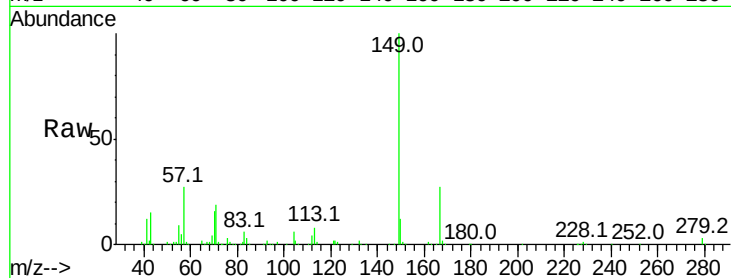
Tot Ion:149 Resp: 313282

Ion Ratio Lower Upper

149 100

167 27.4 21.0 31.4

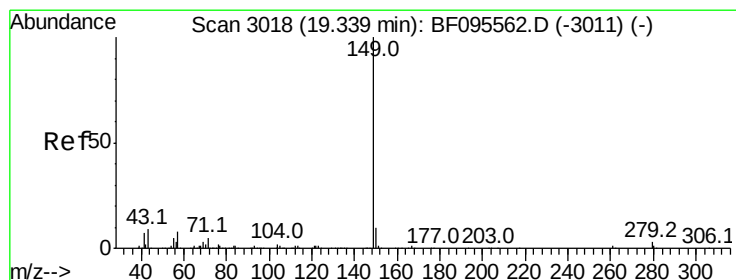
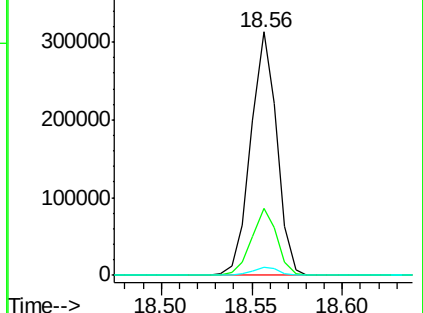
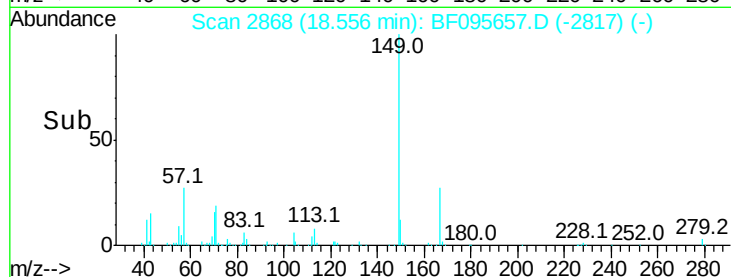
279 3.2 1.9 2.9#



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



#84

Di-n-octyl phthalate

Concen: 43.36 ng

RT: 19.33 min Scan# 2999

Delta R.T. -0.00 min

Lab File: BF095657.D

Acq: 3 Jun 2017 4:53

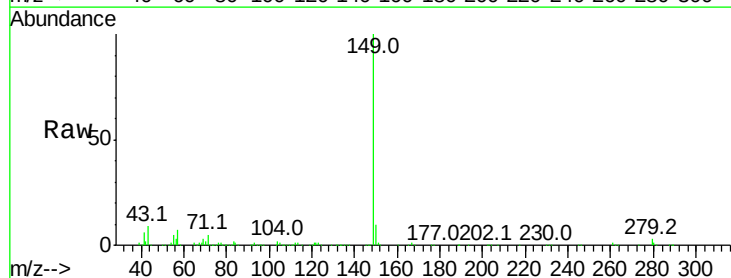
Tgt Ion:149 Resp: 541338

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

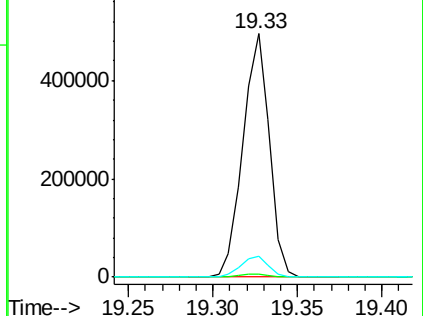
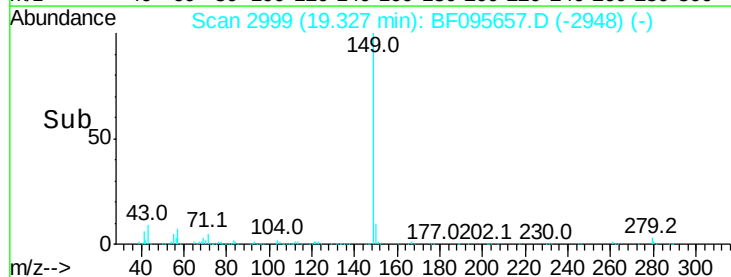
43 8.8 8.5 12.7

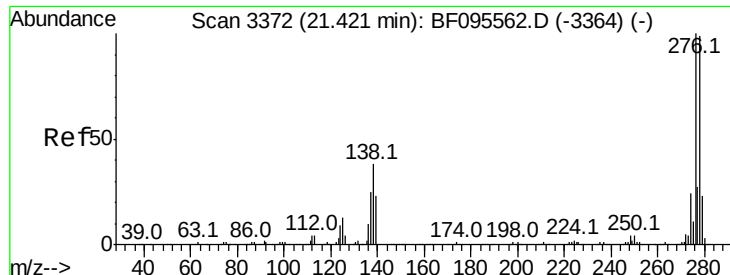


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

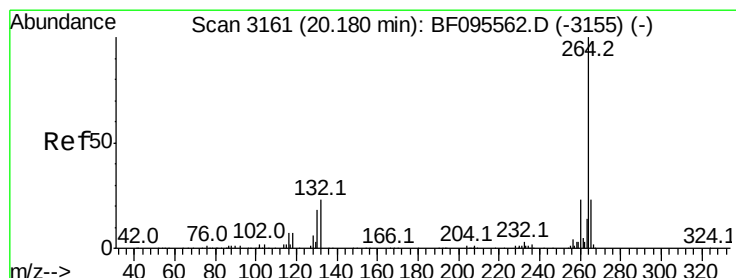
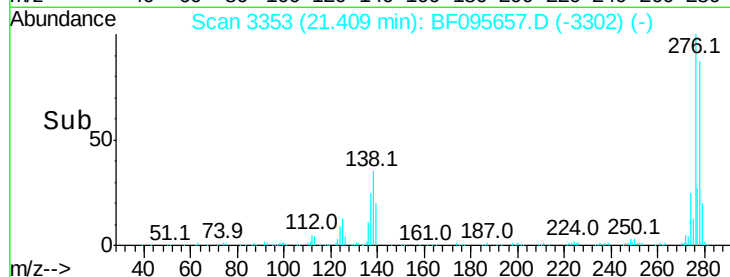
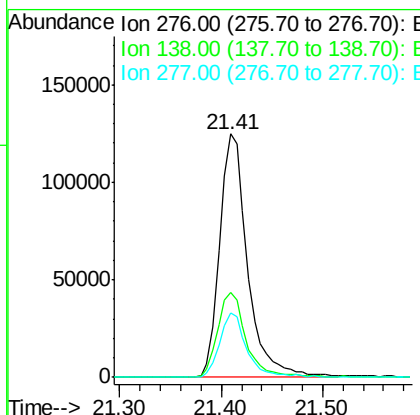
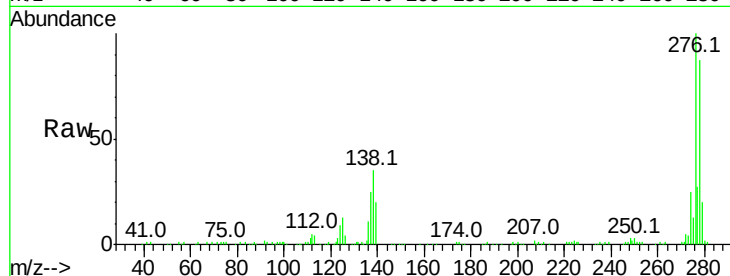




#85
Indeno(1,2,3-cd)pyrene
Concen: 34.07 ng
RT: 21.41 min Scan# 3353
Delta R.T. -0.00 min
Lab File: BF095657.D
Acq: 3 Jun 2017 4:53

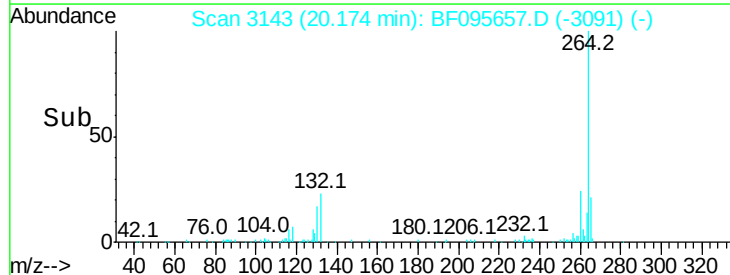
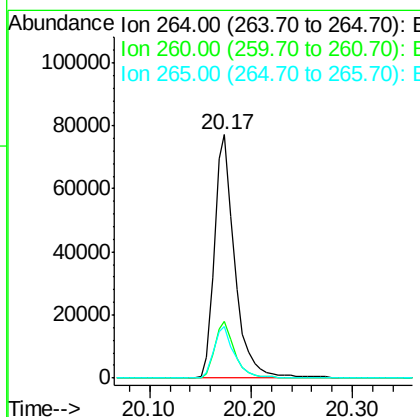
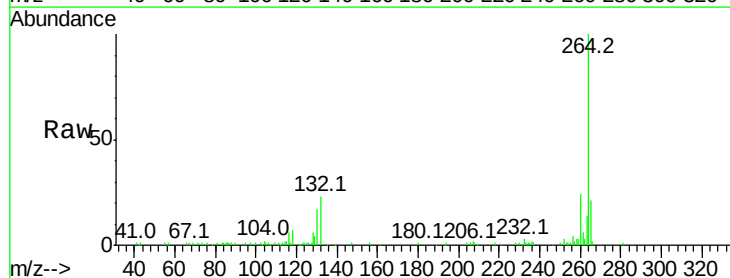
Instrument :
BNA_F
ClientSampleId :
PB99424BS

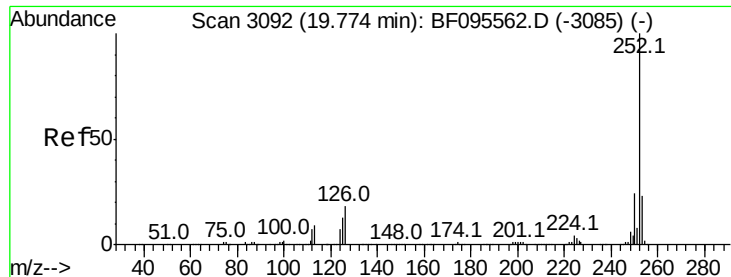
Tot Ion:276 Resp: 239191
Ion Ratio Lower Upper
276 100
138 35.6 27.8 41.6
277 25.8 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 20.17 min Scan# 3143
Delta R.T. 0.01 min
Lab File: BF095657.D
Acq: 3 Jun 2017 4:53

Tgt Ion:264 Resp: 107275
Ion Ratio Lower Upper
264 100
260 23.6 19.5 29.3
265 21.5 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 43.85 ng

RT: 19.76 min Scan# 3073

Delta R.T. -0.00 min

Lab File: BF095657.D

Acq: 3 Jun 2017 4:53

Instrument :

BNA_F

ClientSampleId :

PB99424BS

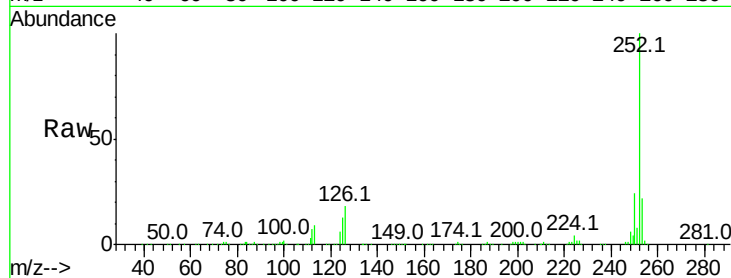
Tot Ion:252 Resp: 290690

Ion Ratio Lower Upper

252 100

253 21.8 18.1 27.1

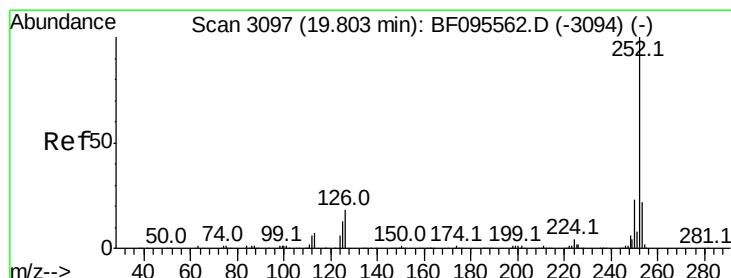
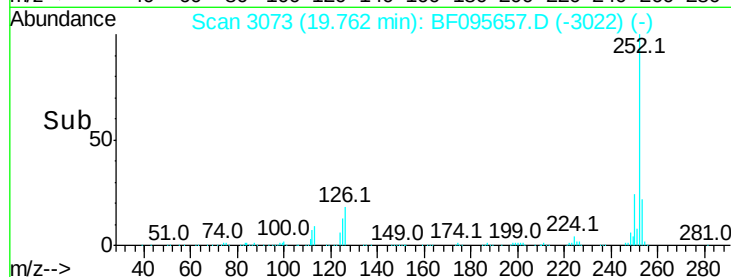
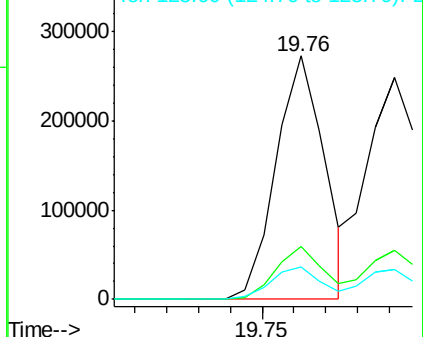
125 13.2 9.8 14.8



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



#88

Benzo(k)fluoranthene

Concen: 49.00 ng

RT: 19.79 min Scan# 3078

Delta R.T. -0.00 min

Lab File: BF095657.D

Acq: 3 Jun 2017 4:53

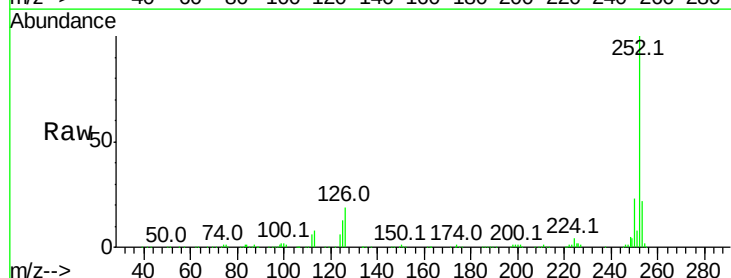
Tgt Ion:252 Resp: 313301

Ion Ratio Lower Upper

252 100

253 22.3 18.4 27.6

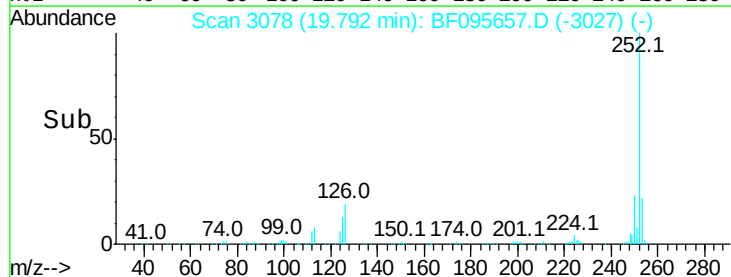
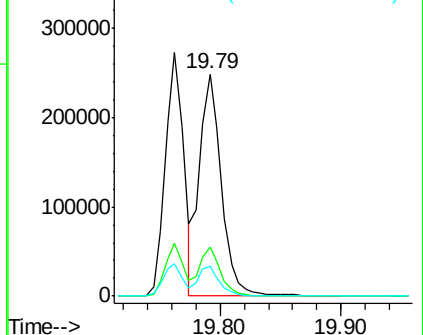
125 13.2 13.1 19.7

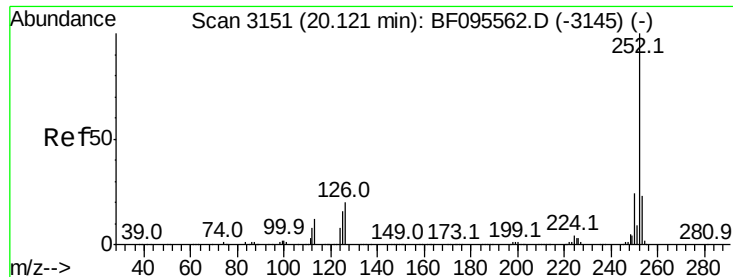


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 43.93 ng

RT: 20.12 min Scan# 3133

Delta R.T. 0.01 min

Lab File: BF095657.D

Acq: 3 Jun 2017 4:53

Instrument :

BNA_F

ClientSampleId :

PB99424BS

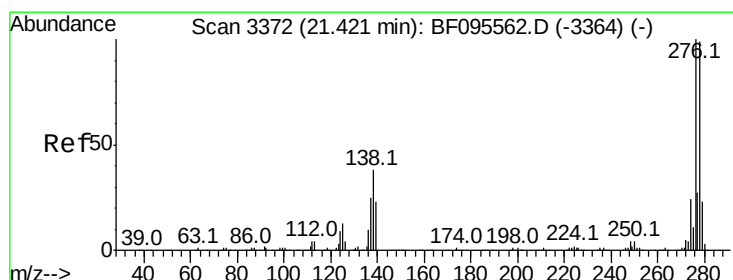
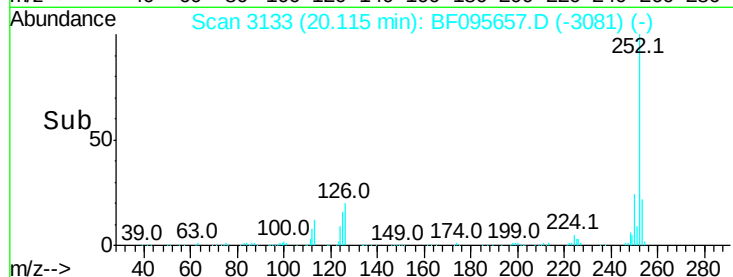
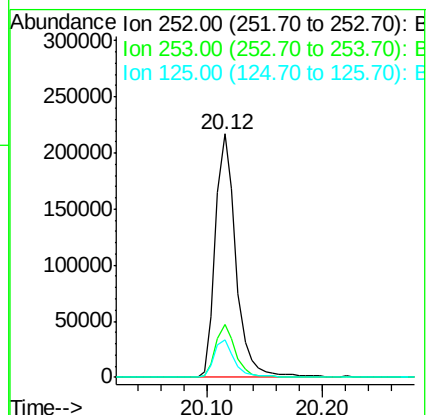
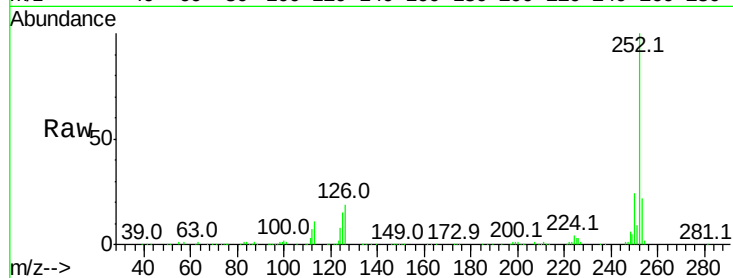
Tot Ion:252 Resp: 268691

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 15.3 11.0 16.4



#90

Dibenzo(a,h)anthracene

Concen: 41.33 ng

RT: 21.41 min Scan# 3353

Delta R.T. -0.00 min

Lab File: BF095657.D

Acq: 3 Jun 2017 4:53

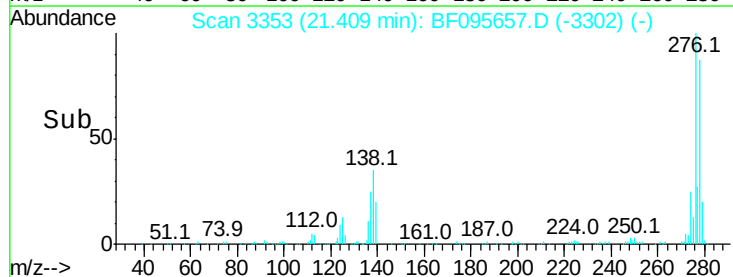
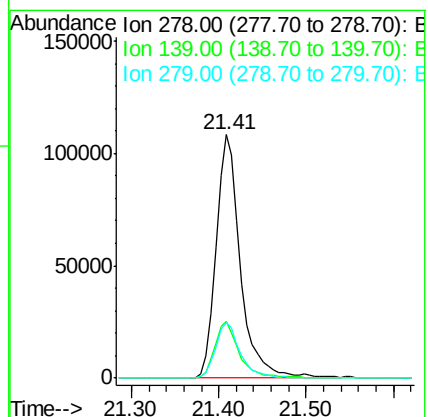
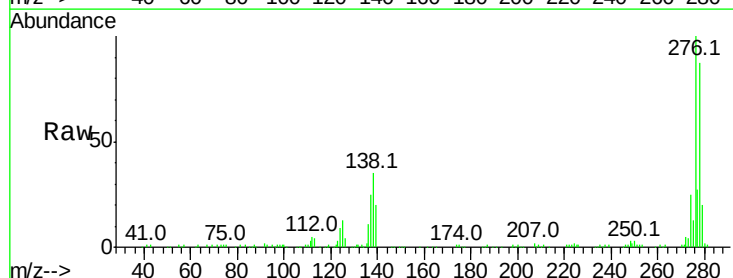
Tgt Ion:278 Resp: 208798

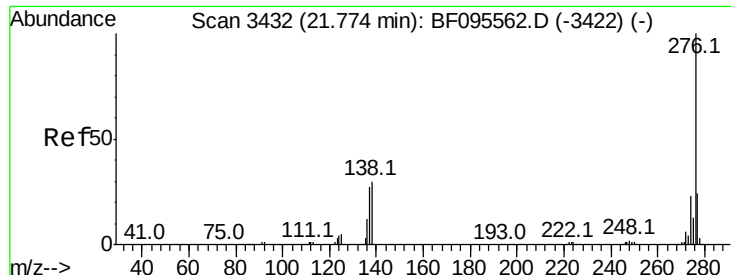
Ion Ratio Lower Upper

278 100

139 23.5 16.6 24.8

279 22.8 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 41.20 ng

RT: 21.77 min Scan# 3414

Delta R.T. 0.01 min

Lab File: BF095657.D

Acq: 3 Jun 2017 4:53

Instrument :

BNA_F

ClientSampleId :

PB99424BS

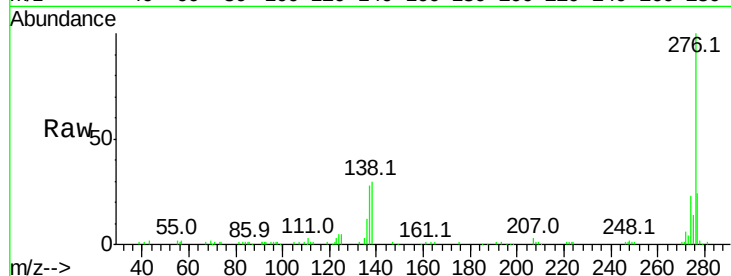
Tot Ion:276 Resp: 204254

Ion Ratio Lower Upper

276 100

277 23.9 18.6 28.0

138 30.3 25.4 38.0



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

