

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
 Data File : BF095395.D
 Acq On : 24 May 2017 18:27
 Operator : SJ/MA
 Sample : I3200-08MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 25 01:05:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	89548	20.00	ng	-0.02
21) Naphthalene-d8	9.77	136	349965	20.00	ng	-0.02
38) Acenaphthene-d10	12.59	164	141152	20.00	ng	-0.02
63) Phenanthrene-d10	15.01	188	206010	20.00	ng	-0.02
75) Chrysene-d12	18.69	240	176481	20.00	ng	0.00
86) Perylene-d12	20.36	264	127653	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	805128	149.90	ng	-0.02
7) Phenol-d6	7.30	99	952146	147.75	ng	-0.01
23) Nitrobenzene-d5	8.66	82	557314	100.42	ng	-0.01
41) 2,4,6-Tribromophenol	13.90	330	148732	128.66	ng	-0.02
44) 2-Fluorobiphenyl	11.54	172	1019136	103.92	ng	-0.02
78) Terphenyl-d14	17.32	244	687132	85.76	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.21	88	96678	36.70	ng	93
3) Pyridine	2.92	79	225186	36.88	ng	95
4) n-Nitrosodimethylamine	2.85	42	93091	36.58	ng	88
6) Aniline	7.26	93	249196	30.63	ng	94
8) 2-Chlorophenol	7.44	128	300818	49.21	ng	97
9) Benzaldehyde	7.08	77	97675	24.82	ng	98
10) Phenol	7.32	94	381022	56.11	ng	92
11) bis(2-Chloroethyl)ether	7.39	93	272440	48.60	ng	94
12) 1,3-Dichlorobenzene	7.65	146	323519	46.65	ng	98
13) 1,4-Dichlorobenzene	7.78	146	332187	47.23	ng	97
14) 1,2-Dichlorobenzene	8.01	146	309611	47.16	ng	97
15) Benzyl Alcohol	8.04	79	233228	56.27	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.24	45	357032	44.99	ng	94
17) 2-Methylphenol	8.25	107	243318	48.63	ng	97
18) Hexachloroethane	8.52	117	93444	39.22	ng	# 85
19) n-Nitroso-di-n-propylamine	8.46	70	203534	46.70	ng	93
20) 3+4-Methylphenols	8.52	107	304978	44.86	ng	# 59
22) Acetophenone	8.42	105	423611	50.45	ng	# 84
24) Nitrobenzene	8.68	77	286079	49.18	ng	94
25) Isophorone	9.08	82	501974	50.65	ng	96
26) 2-Nitrophenol	9.19	139	151533	48.28	ng	98
27) 2,4-Dimethylphenol	9.33	122	250069	49.27	ng	98
28) bis(2-Chloroethoxy)methane	9.45	93	333928	48.71	ng	99
29) 2,4-Dichlorophenol	9.63	162	226217	47.21	ng	98
30) 1,2,4-Trichlorobenzene	9.70	180	238823	46.52	ng	98
31) Naphthalene	9.80	128	860642	48.93	ng	99
32) Benzoic acid	9.63	122	1864	5.58	ng	# 25
33) 4-Chloroaniline	9.98	127	127128	19.39	ng	# 91
34) Hexachlorobutadiene	10.01	225	120500	44.48	ng	98
35) Caprolactam	10.57	113	44450	30.89	ng	# 82
36) 4-Chloro-3-methylphenol	10.82	107	232190	45.32	ng	91
37) 2-Methylnaphthalene	10.92	142	585062	50.68	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.21	216	215108	49.55	ng	99
40) Hexachlorocyclopentadiene	11.17	237	3151	7.65	ng	85

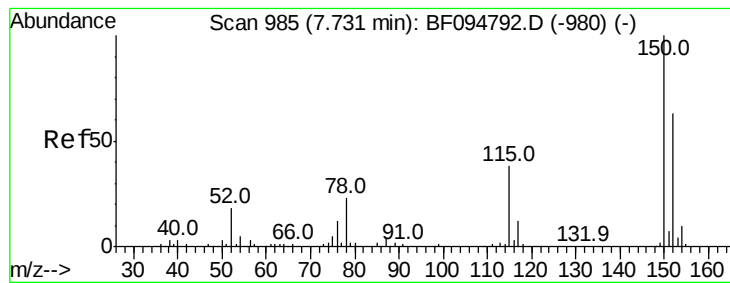
Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.43	196	144377	49.82	nq	98
43) 2,4,5-Trichlorophenol	11.54	196	130895	42.02	nq	94
45) 1,1'-Biphenyl	11.69	154	617323	51.94	nq	97
46) 2-Chloronaphthalene	11.71	162	469578	48.94	nq	96
47) 2-Nitroaniline	11.94	65	127218	48.44	nq	# 79
48) Acenaphthylene	12.37	152	798324	53.11	nq	99
49) Dimethylphthalate	12.24	163	760756	65.65	nq	100
50) 2,6-Dinitrotoluene	12.34	165	112981	47.79	nq	# 92
51) Acenaphthene	12.65	154	447548	49.85	nq	97
52) 3-Nitroaniline	12.62	138	90565	35.69	nq	85
54) Dibenzofuran	12.94	168	656026	52.81	nq	98
55) 4-Nitrophenol	13.04	139	107705	70.67	nq	# 78
56) 2,4-Dinitrotoluene	13.02	165	135255	44.52	nq	# 93
57) Fluorene	13.49	166	514121	47.59	nq	99
58) 2,3,4,6-Tetrachlorophenol	13.19	232	89045	45.42	nq	93
59) Diethylphthalate	13.39	149	498976	44.93	nq	99
60) 4-Chlorophenyl-phenylether	13.52	204	213262	44.92	nq	89
61) 4-Nitroaniline	13.62	138	79438	34.10	nq	97
62) Azobenzene	13.78	77	433237	48.54	nq	91
64) 4,6-Dinitro-2-methylphenol	13.71	198	7322	5.30	nq	# 1
65) n-Nitrosodiphenylamine	13.72	169	395874	52.95	nq	99
66) 4-Bromophenyl-phenylether	14.30	248	112874	51.86	nq	98
67) Hexachlorobenzene	14.39	284	100435	45.03	nq	# 84
68) Atrazine	14.65	200	111426	52.78	nq	97
69) Pentachlorophenol	14.76	266	65893	66.41	nq	93
70) Phenanthrene	15.05	178	1245174	105.20	nq	98
71) Anthracene	15.12	178	740442	61.24	nq	98
72) Carbazole	15.41	167	590005	53.63	nq	98
73) Di-n-butylphthalate	15.97	149	669581	48.81	nq	99
74) Fluoranthene	16.79	202	1613069	132.85	nq	99
76) Benzidine	17.03	184	24701	11.05	nq	# 96
77) Pyrene	17.10	202	1643069	124.49	nq	99
79) Butylbenzylphthalate	17.98	149	288056	46.92	nq	88
80) Benzo(a)anthracene	18.68	228	1005727	97.92	nq	99
81) 3,3'-Dichlorobenzidine	18.65	252	106380	29.99	nq	98
82) Chrysene	18.72	228	907744	91.40	nq	98
83) Bis(2-ethylhexyl)phthalate	18.73	149	414683	47.41	nq	# 99
84) Di-n-octyl phthalate	19.50	149	695843	48.52	nq	97
85) Indeno(1,2,3-cd)pyrene	21.70	276	476549	59.09	nq	98
87) Benzo(b)fluoranthene	19.96	252	844696	107.09	nq	97
88) Benzo(k)fluoranthene	19.98	252	473396	62.22	nq	96
89) Benzo(a)pyrene	20.31	252	626208	86.03	nq	97
90) Dibenzo(a,h)anthracene	21.70	278	301398	50.14	nq	99
91) Benzo(g,h,i)perylene	22.08	276	465046	78.84	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.75 min Scan# 988

Delta R.T. -0.02 min

Lab File: BF095395.D

Acq: 24 May 2017 18:27

Instrument :

BNA_F

ClientSampleId :

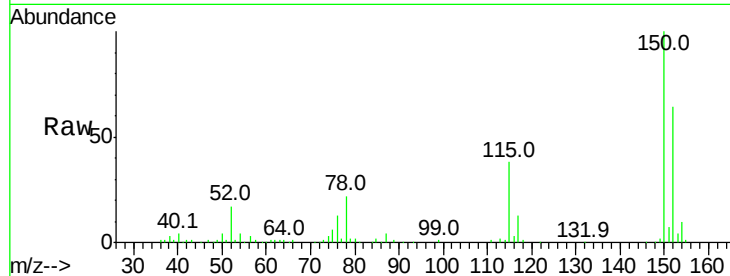
Tot Ion:152 Resp: 89548

Ion Ratio Lower Upper

152 100

150 155.9 126.2 189.2

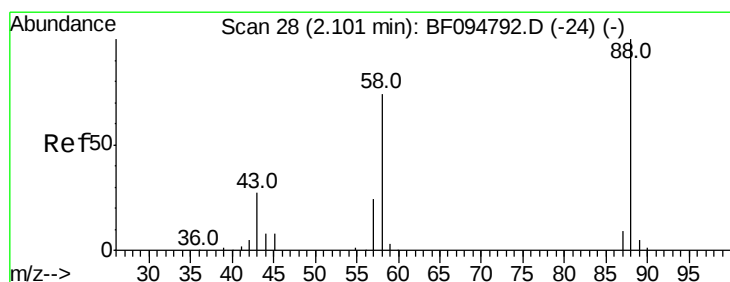
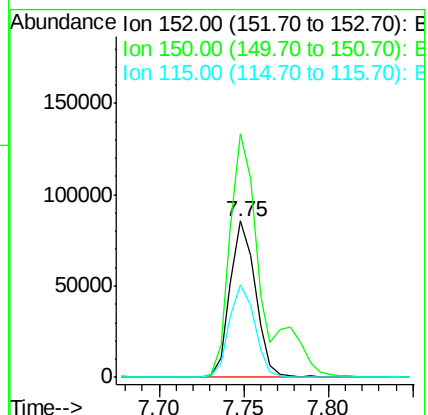
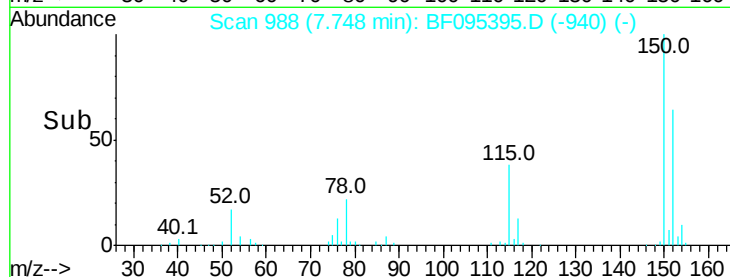
115 59.5 52.2 78.2



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: 36.70 ng

RT: 2.21 min Scan# 47

Delta R.T. -0.02 min

Lab File: BF095395.D

Acq: 24 May 2017 18:27

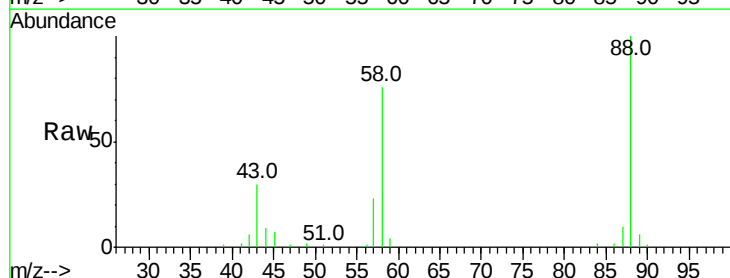
Tgt Ion: 88 Resp: 96678

Ion Ratio Lower Upper

88 100

58 70.7 61.4 92.0

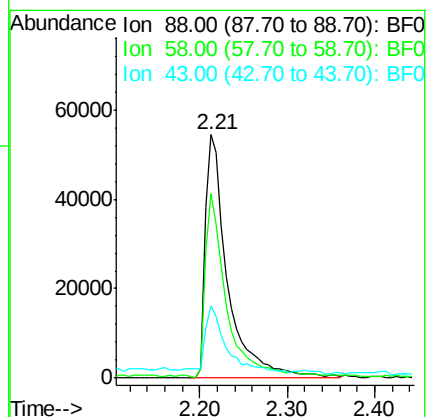
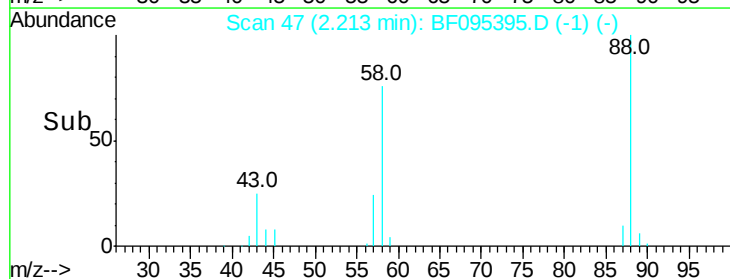
43 25.2 23.4 35.0



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

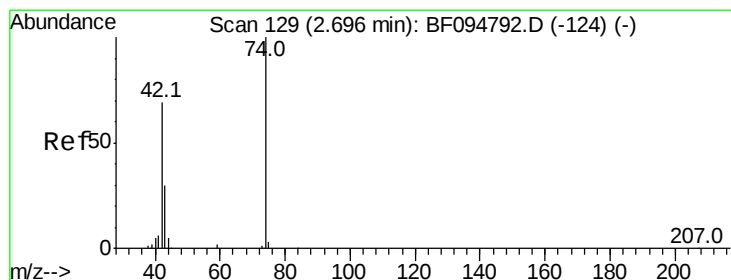
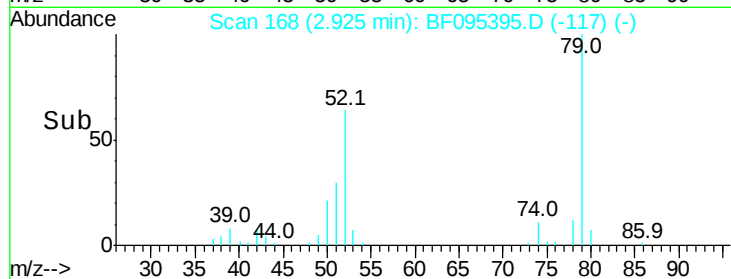
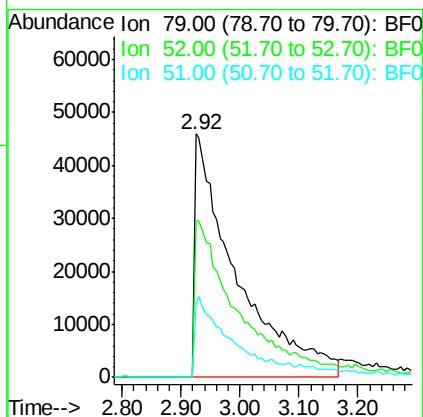
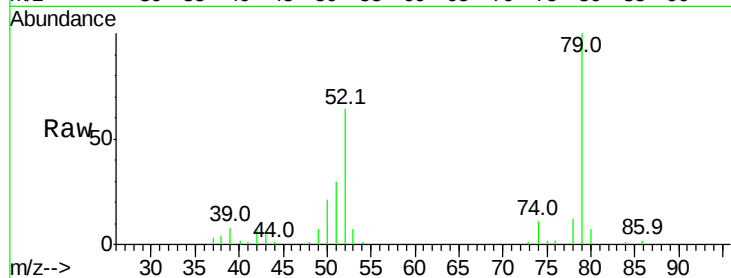




#3
 Pvridine
 Concen: 36.88 ng
 RT: 2.92 min Scan# 168
 Delta R.T. -0.00 min
 Lab File: BF095395.D
 Acq: 24 May 2017 18:27

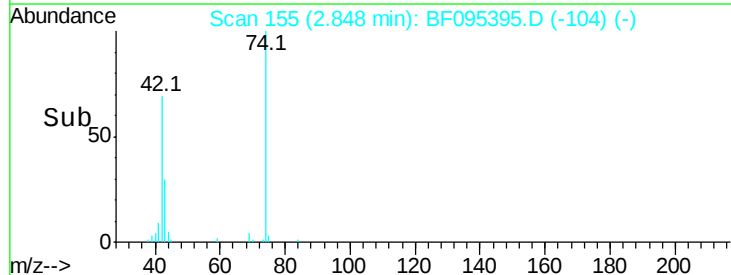
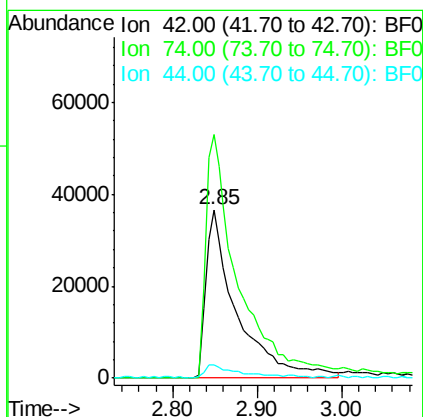
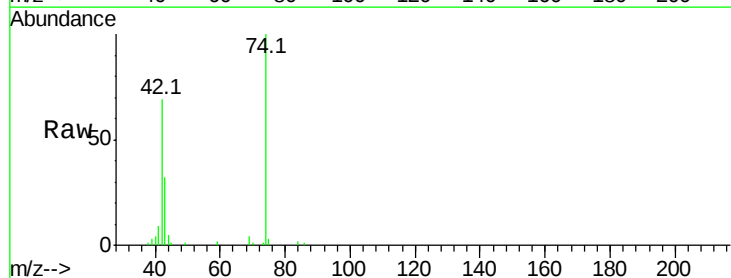
Instrument :
 BNA_F
 ClientSampled :

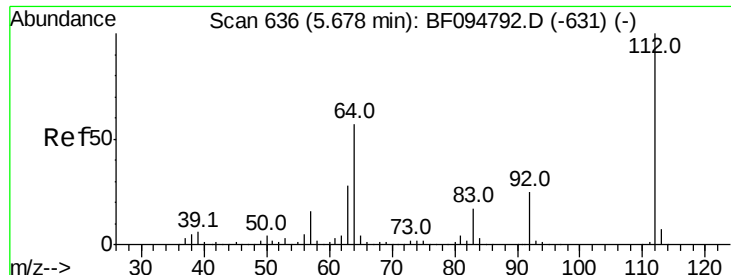
Tot Ion: 79 Resp: 225186
 Ion Ratio Lower Upper
 79 100
 52 64.3 54.8 82.2
 51 30.2 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 36.58 ng
 RT: 2.85 min Scan# 155
 Delta R.T. -0.00 min
 Lab File: BF095395.D
 Acq: 24 May 2017 18:27

Tgt Ion: 42 Resp: 93091
 Ion Ratio Lower Upper
 42 100
 74 144.3 103.9 155.9
 44 7.5 5.7 8.5





#5

2-Fluorophenol

Concen: 149.90 ng

RT: 5.72 min Scan# 643

Delta R.T. -0.02 min

Lab File: BF095395.D

Acq: 24 May 2017 18:27

Instrument :

BNA_F

ClientSampled :

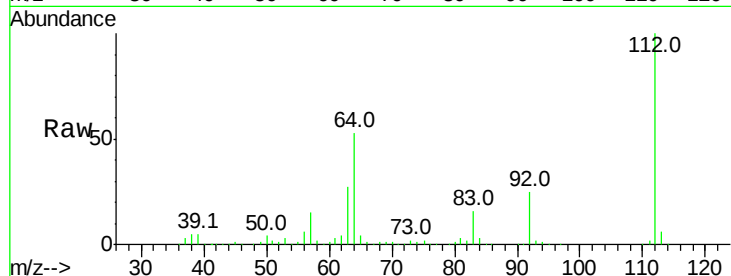
Tot Ion:112 Resp: 805128

Ion Ratio Lower Upper

112 100

64 53.4 46.0 69.0

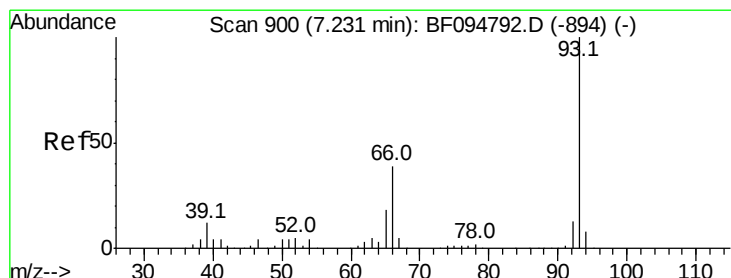
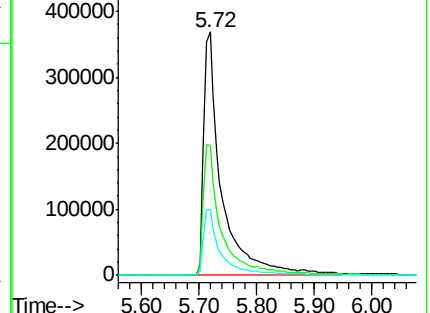
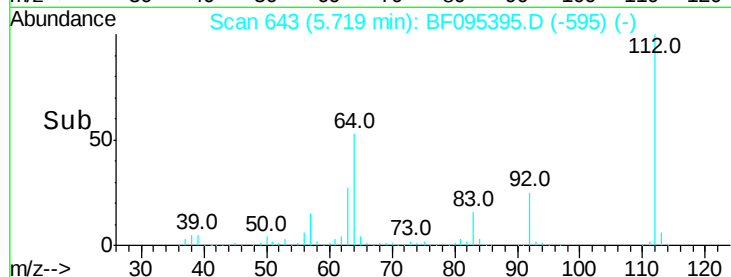
63 26.8 23.4 35.0



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: 30.63 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF095395.D

Acq: 24 May 2017 18:27

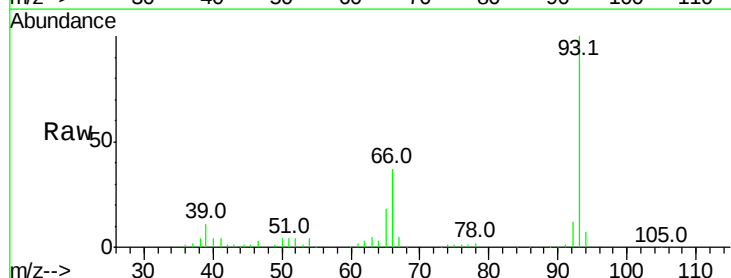
Tgt Ion: 93 Resp: 249196

Ion Ratio Lower Upper

93 100

66 37.0 32.9 49.3

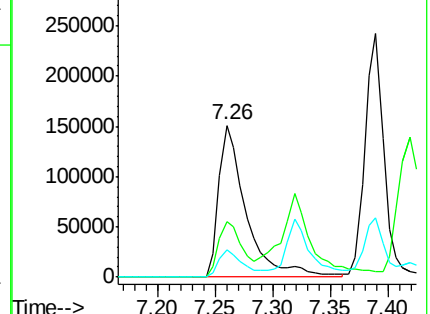
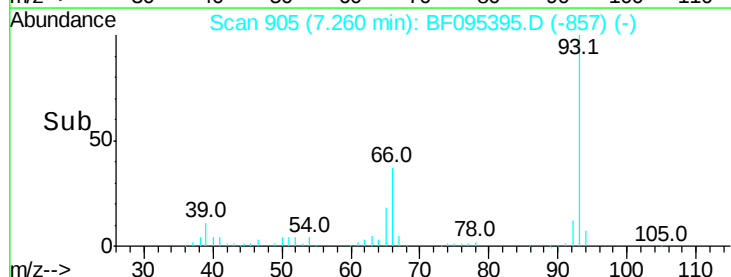
65 18.0 16.0 24.0



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: 147.75 ng

RT: 7.30 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF095395.D

Acq: 24 May 2017 18:27

Instrument :

BNA_F

ClientSampled :

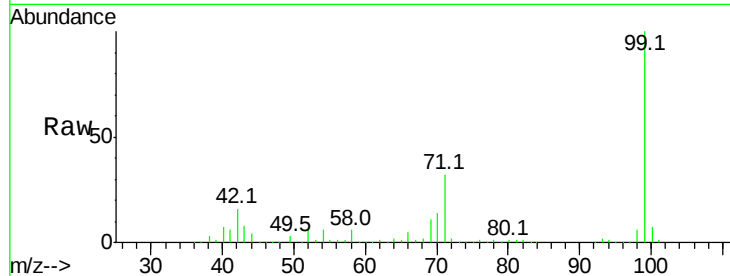
Tot Ion: 99 Resp: 952146

Ion Ratio Lower Upper

99 100

42 15.6 13.5 20.3

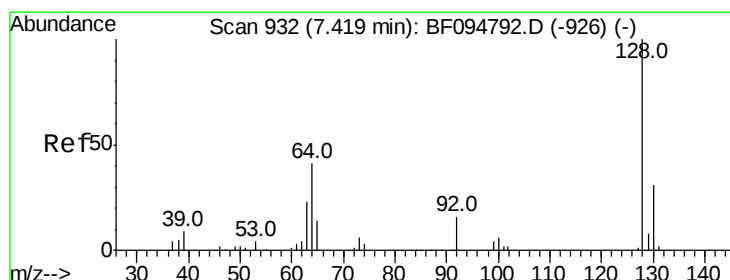
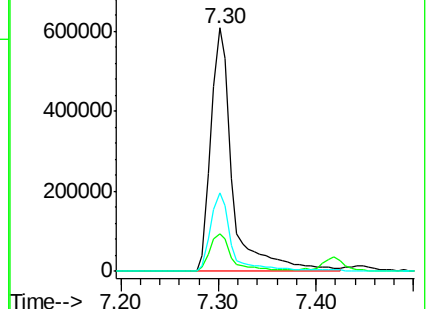
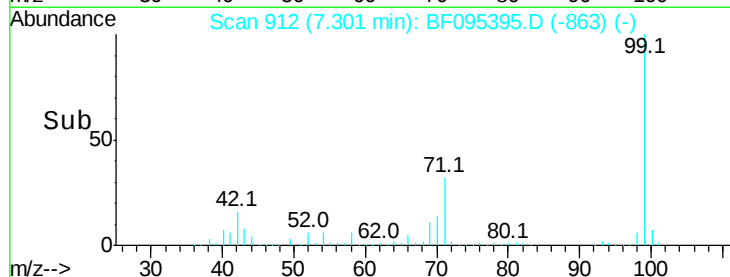
71 32.2 24.5 36.7



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: 49.21 ng

RT: 7.44 min Scan# 936

Delta R.T. -0.02 min

Lab File: BF095395.D

Acq: 24 May 2017 18:27

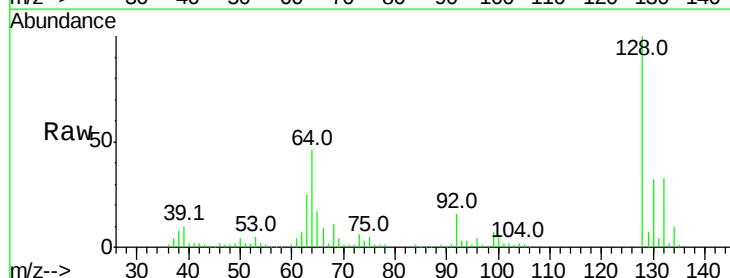
Tgt Ion:128 Resp: 300818

Ion Ratio Lower Upper

128 100

130 31.5 12.9 52.9

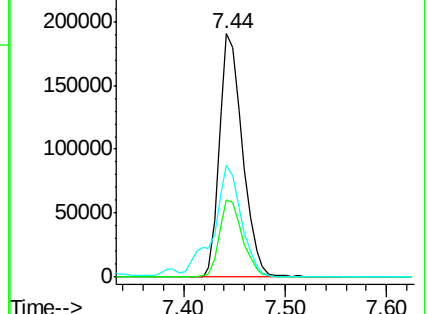
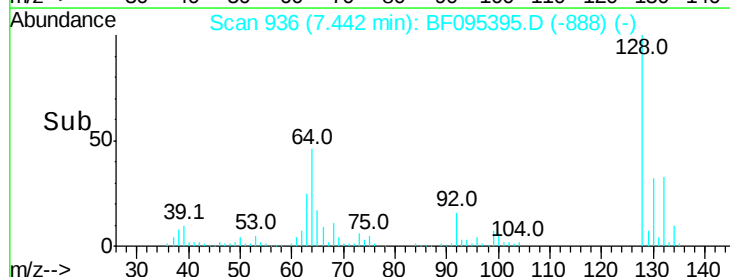
64 45.9 28.4 68.4

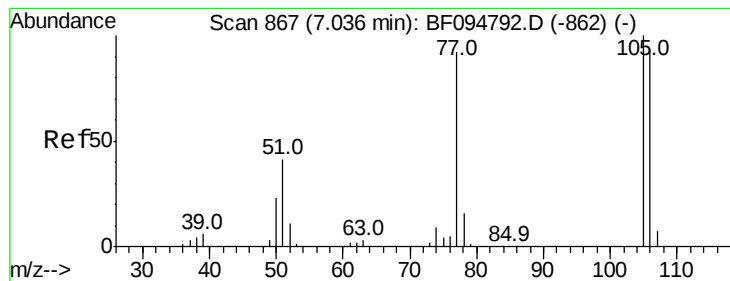


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 24.82 ng

RT: 7.08 min Scan# 875

Delta R.T. -0.01 min

Lab File: BF095395.D

Acq: 24 May 2017 18:27

Instrument :

BNA_F

ClientSampled :

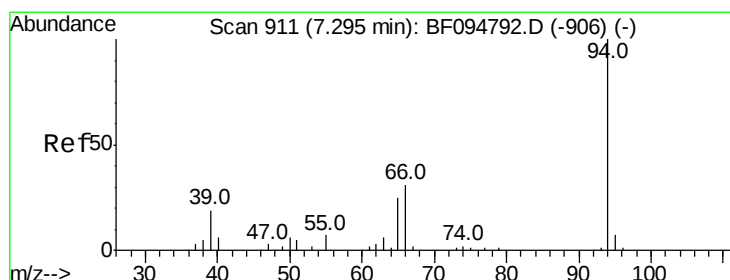
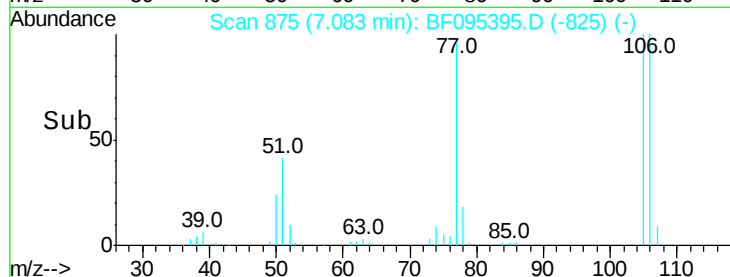
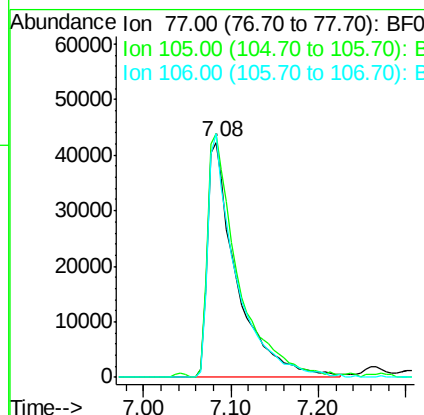
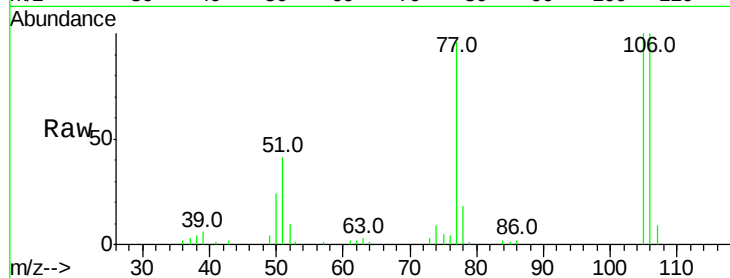
Tot Ion: 77 Resp: 97675

Ion Ratio Lower Upper

77 100

105 103.7 83.8 123.8

106 103.5 79.1 119.1



#10

Phenol

Concen: 56.11 ng

RT: 7.32 min Scan# 915

Delta R.T. -0.01 min

Lab File: BF095395.D

Acq: 24 May 2017 18:27

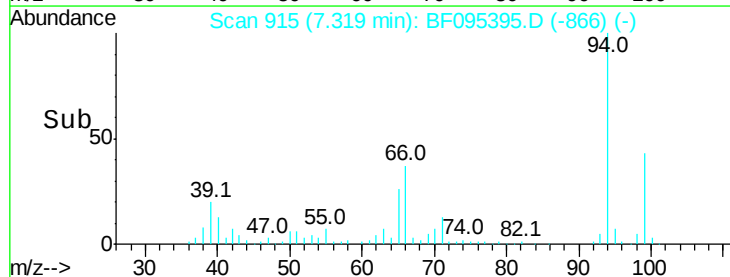
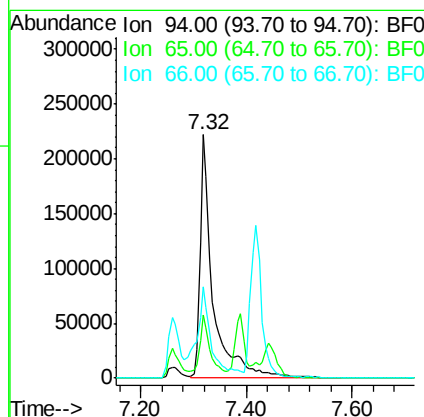
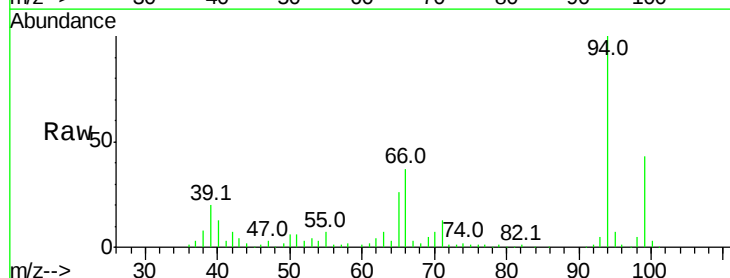
Tgt Ion: 94 Resp: 381022

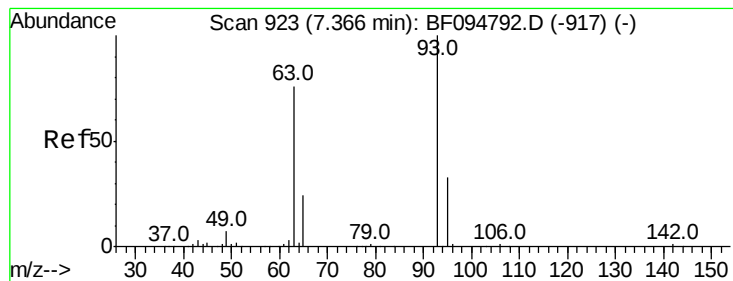
Ion Ratio Lower Upper

94 100

65 25.8 9.9 49.9

66 37.4 23.1 63.1

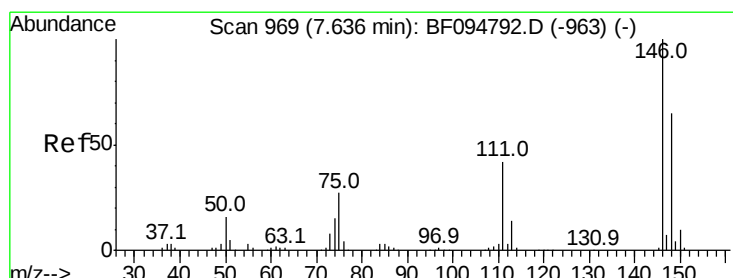
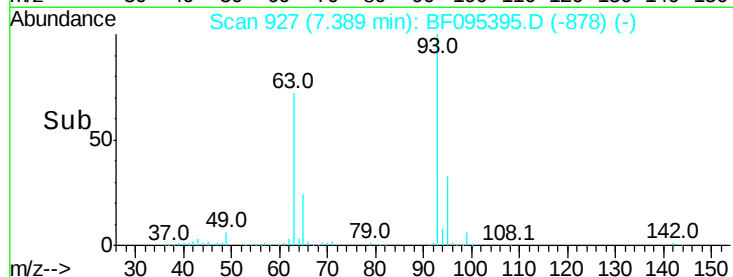
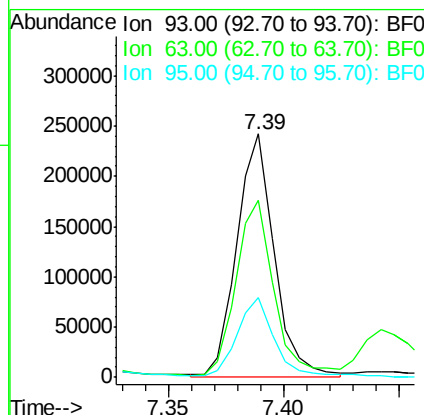
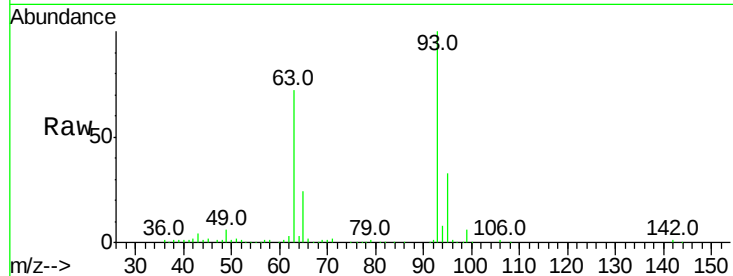




#11
bis(2-Chloroethyl)ether
Concen: 48.60 ng
RT: 7.39 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF095395.D
Acq: 24 May 2017 18:27

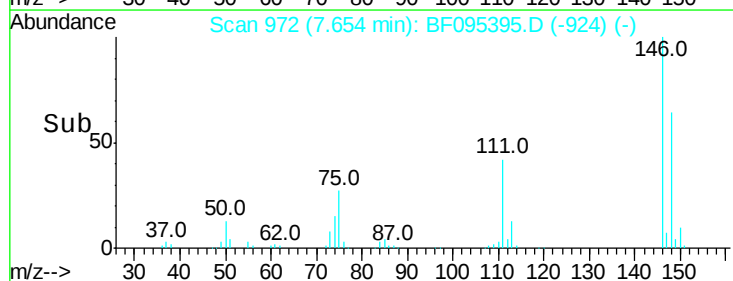
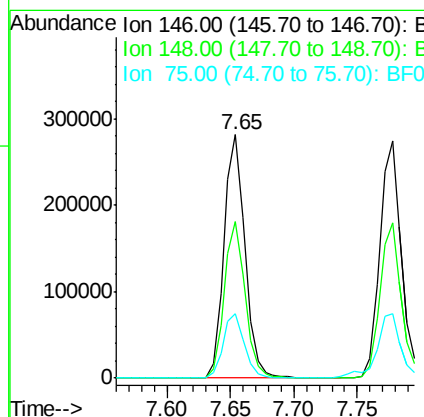
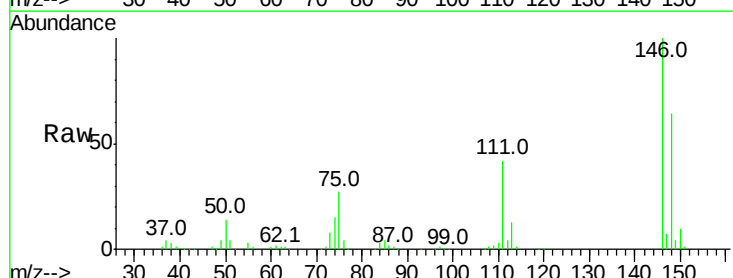
Instrument :
BNA_F
ClientSampleId :

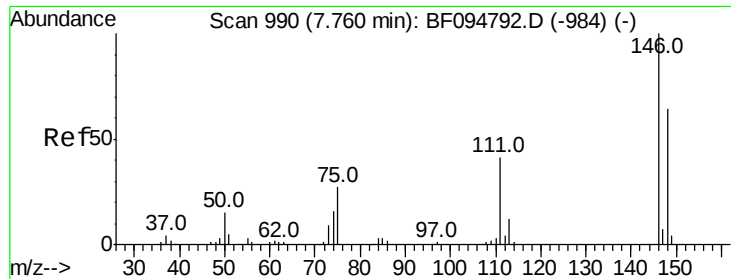
Tot Ion: 93 Resp: 272440
Ion Ratio Lower Upper
93 100
63 72.5 59.2 99.2
95 32.6 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 46.65 ng
RT: 7.65 min Scan# 972
Delta R.T. -0.02 min
Lab File: BF095395.D
Acq: 24 May 2017 18:27

Tgt Ion: 146 Resp: 323519
Ion Ratio Lower Upper
146 100
148 64.3 51.8 77.6
75 26.7 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 47.23 ng

RT: 7.78 min Scan# 993

Delta R.T. -0.02 min

Lab File: BF095395.D

Acq: 24 May 2017 18:27

Instrument :

BNA_F

ClientSampleId :

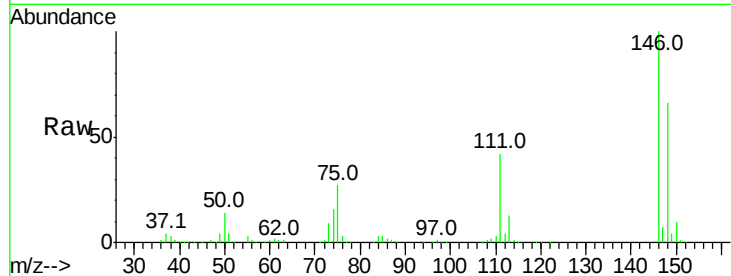
Tot Ion:146 Resp: 332187

Ion Ratio Lower Upper

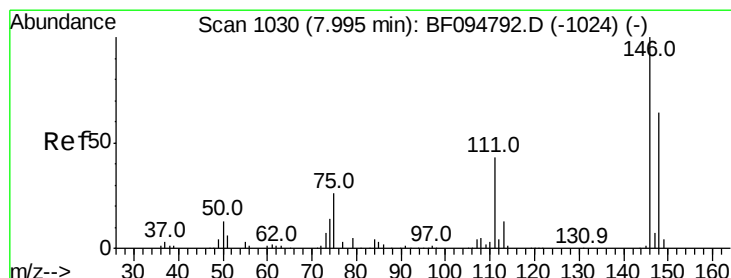
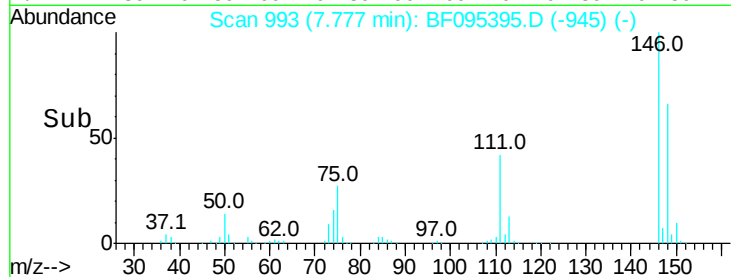
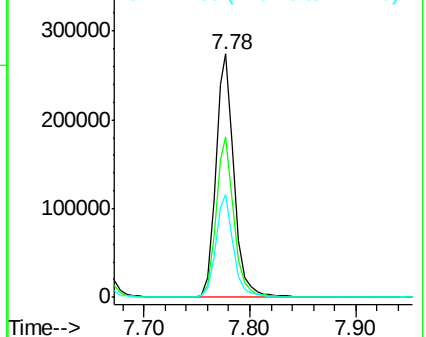
146 100

148 65.7 52.2 78.2

111 42.4 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: 47.16 ng

RT: 8.01 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF095395.D

Acq: 24 May 2017 18:27

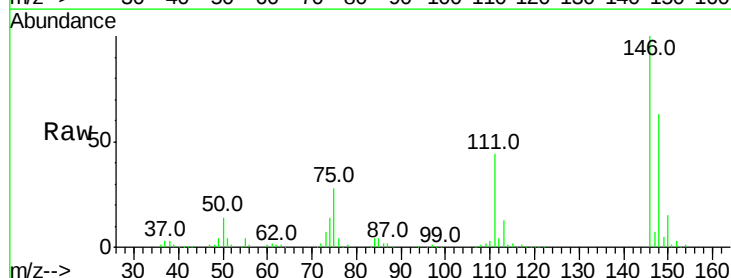
Tgt Ion:146 Resp: 309611

Ion Ratio Lower Upper

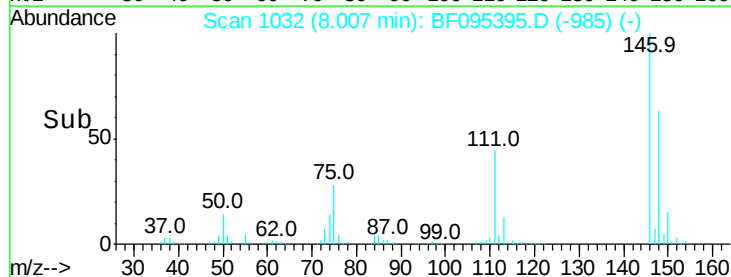
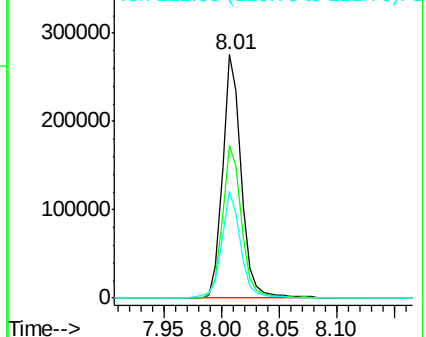
146 100

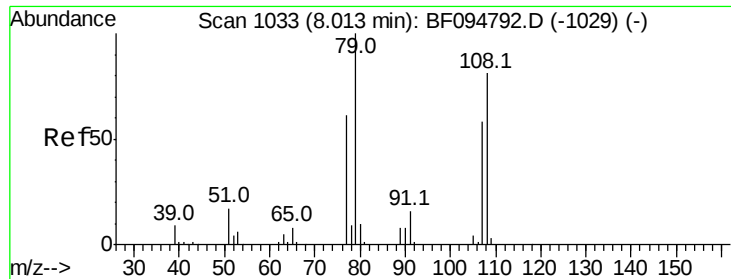
148 62.6 50.4 75.6

111 43.8 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

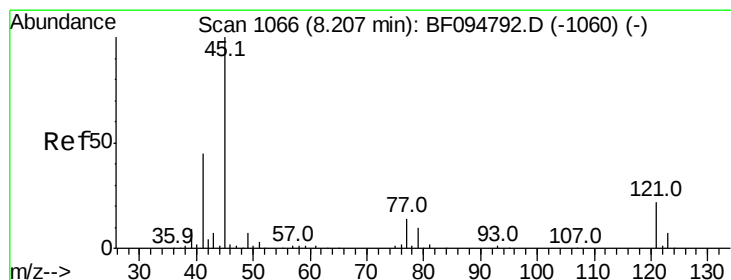
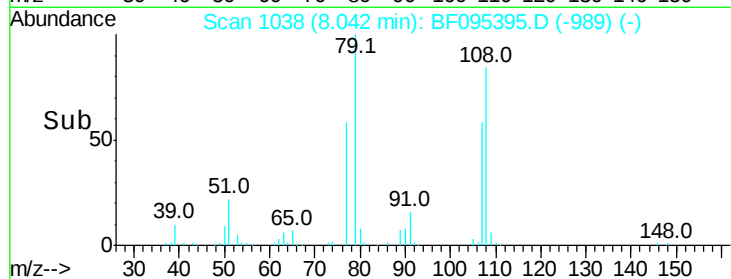
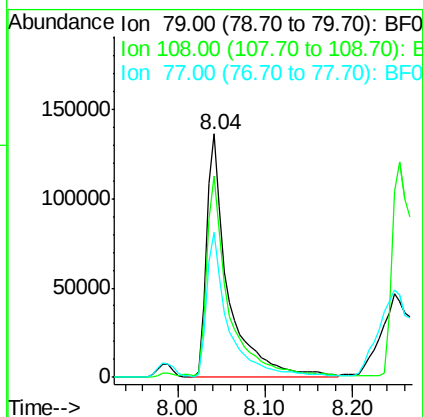
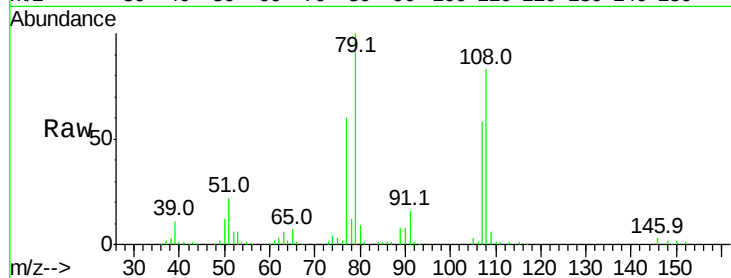




#15
Benzyl Alcohol
Concen: 56.27 ng
RT: 8.04 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF095395.D
Acq: 24 May 2017 18:27

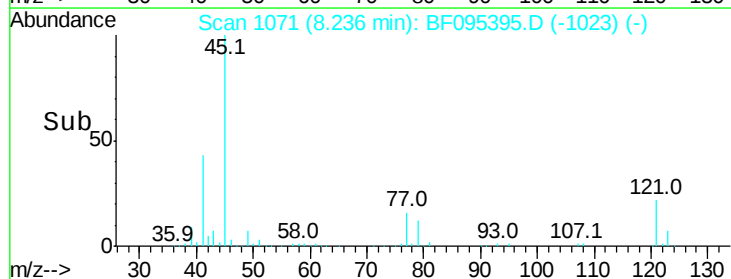
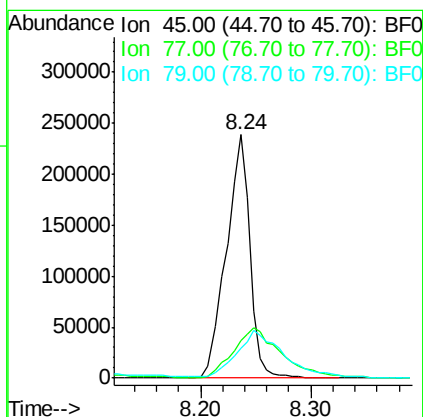
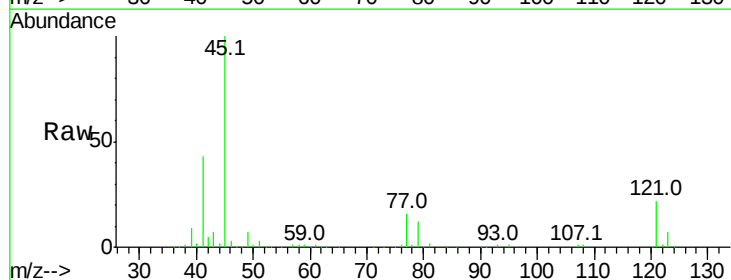
Instrument :
BNA_F
ClientSampleId :

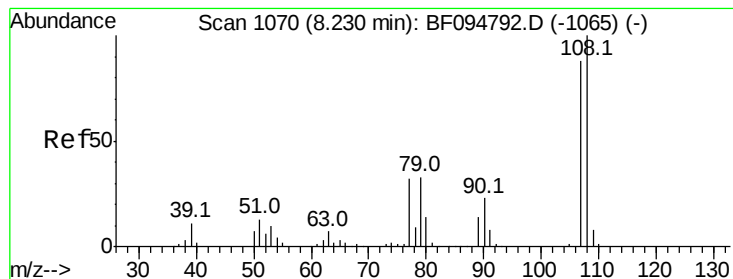
Tot Ion: 79 Resp: 233228
Ion Ratio Lower Upper
79 100
108 82.8 63.4 95.0
77 59.5 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 44.99 ng
RT: 8.24 min Scan# 1071
Delta R.T. -0.02 min
Lab File: BF095395.D
Acq: 24 May 2017 18:27

Tgt Ion: 45 Resp: 357032
Ion Ratio Lower Upper
45 100
77 15.5 0.0 33.2
79 12.5 0.0 30.0

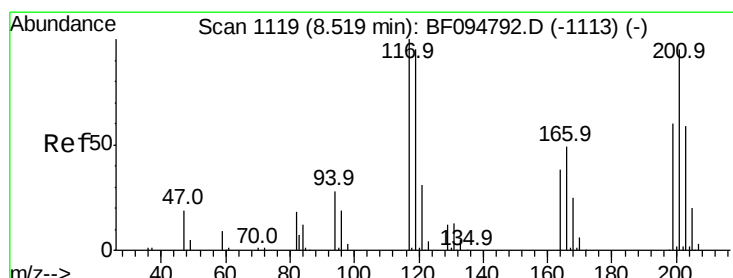
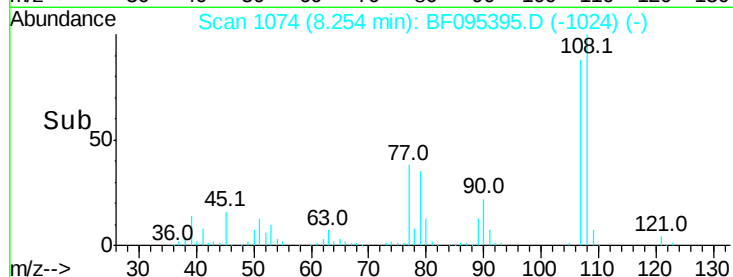
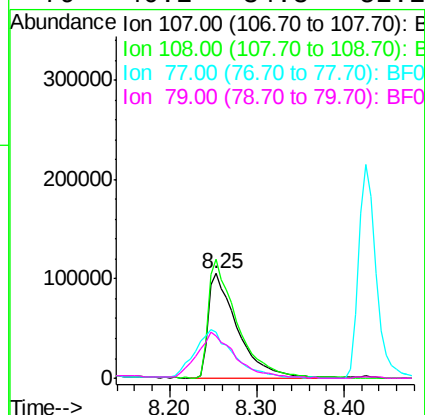
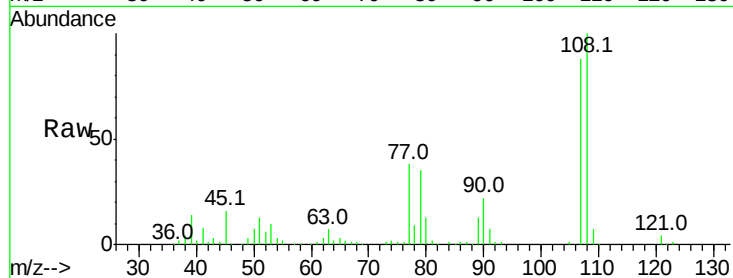




#17
 2-Methylphenol
 Concen: 48.63 ng
 RT: 8.25 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: BF095395.D
 Acq: 24 May 2017 18:27

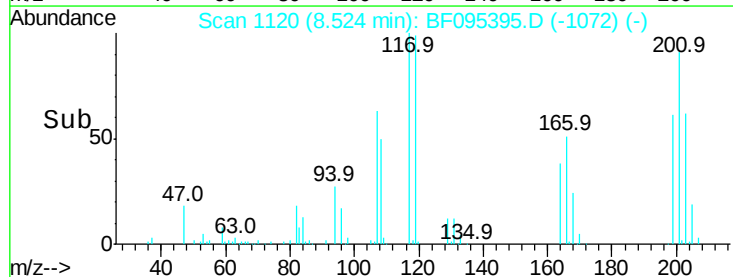
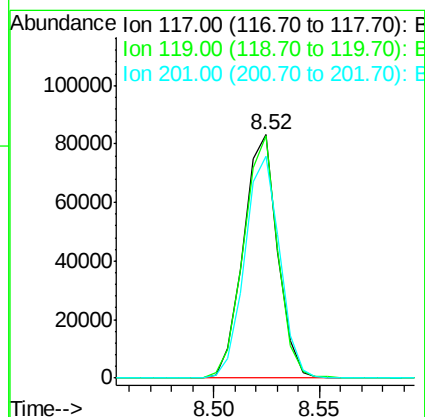
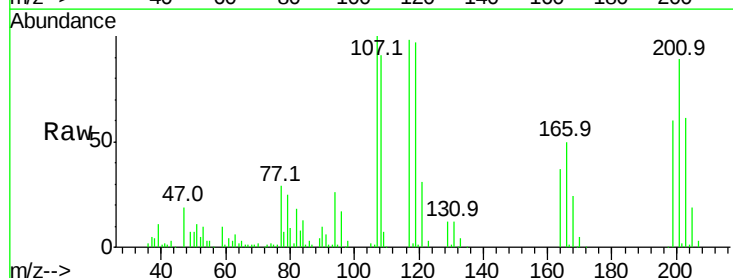
Instrument :
 BNA_F
 ClientSampleId :

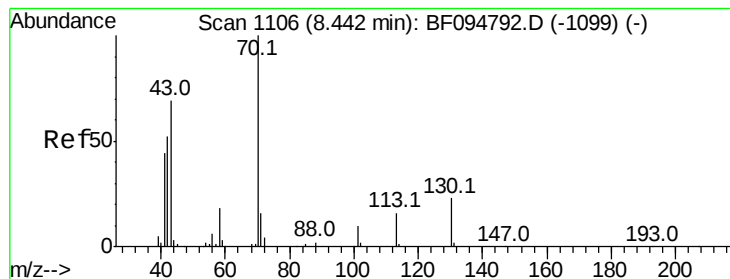
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.1	93.4	140.0
77	43.6	35.8	53.6
79	40.2	34.8	52.2



#18
 Hexachloroethane
 Concen: 39.22 ng
 RT: 8.52 min Scan# 1120
 Delta R.T. -0.02 min
 Lab File: BF095395.D
 Acq: 24 May 2017 18:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.3	77.4	116.0
201	91.3	94.6	141.8#





#19

n-Nitroso-di-n-propylamine

Concen: 46.70 ng

RT: 8.46 min Scan# 1109

Delta R.T. -0.02 min

Lab File: BF095395.D

Acq: 24 May 2017 18:27

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 203534

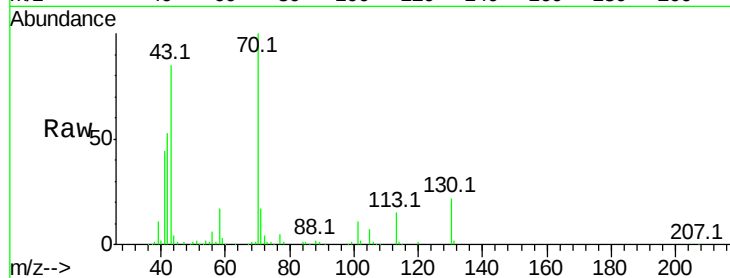
Ion Ratio Lower Upper

70 100

42 53.0 47.2 70.8

101 10.5 7.2 10.8

130 22.2 15.9 23.9

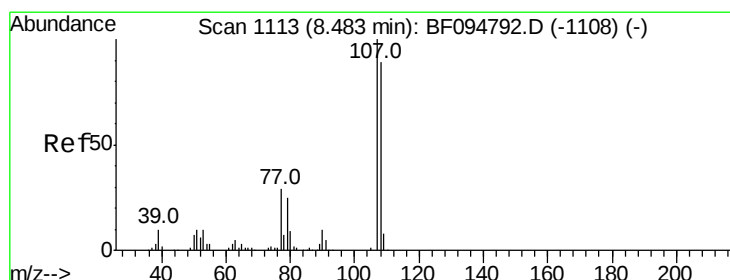
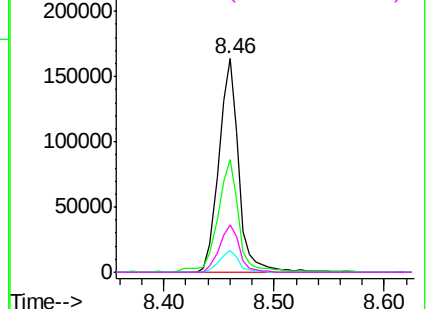
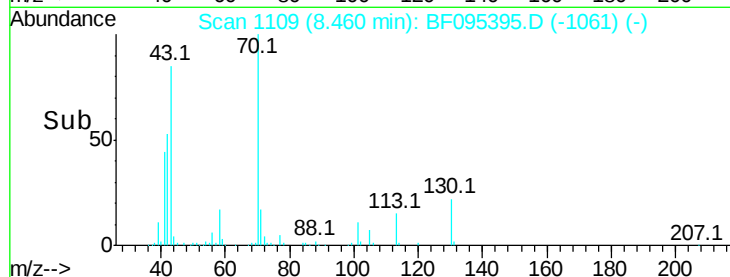


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 44.86 ng

RT: 8.52 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BF095395.D

Acq: 24 May 2017 18:27

Tgt Ion: 107 Resp: 304978

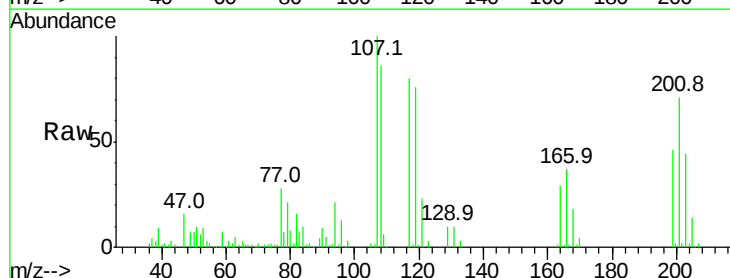
Ion Ratio Lower Upper

107 100

108 86.3 71.0 111.0

77 27.5 90.5 130.5#

79 21.2 8.4 48.4

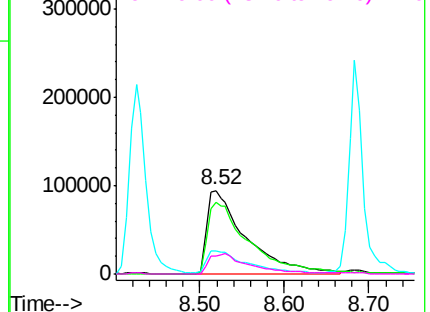
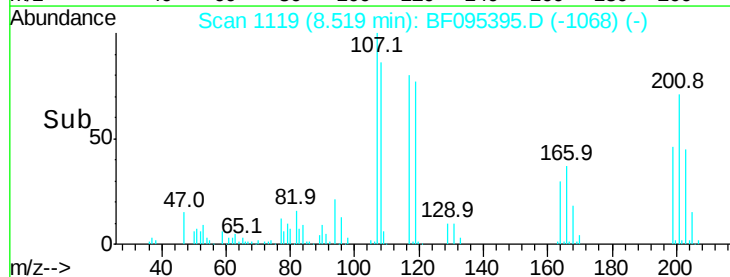


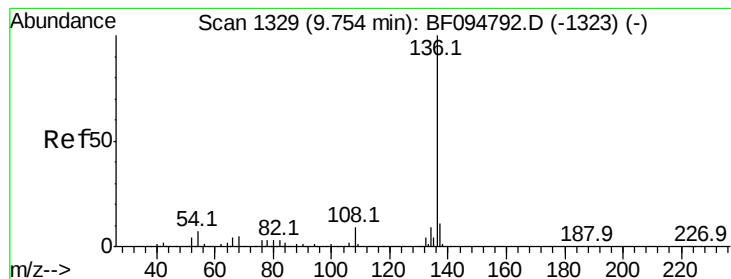
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.77 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BF095395.D

Acq: 24 May 2017 18:27

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 349965

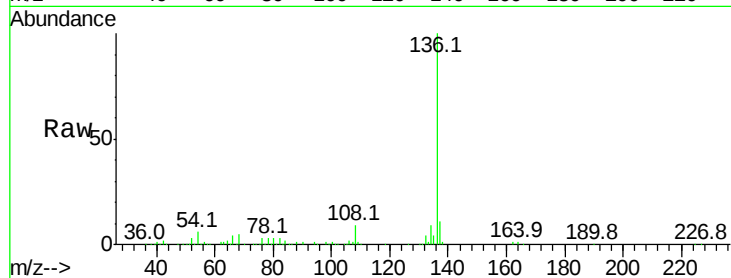
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 6.4 4.9 7.3

68 5.2 4.1 6.1

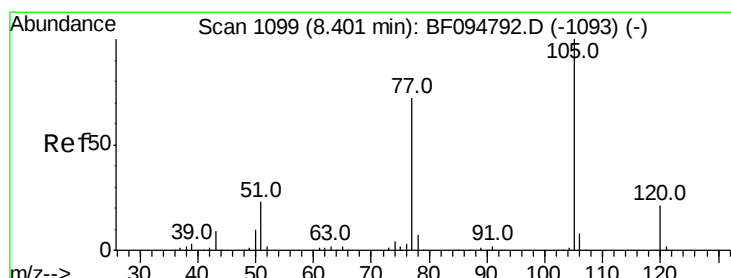
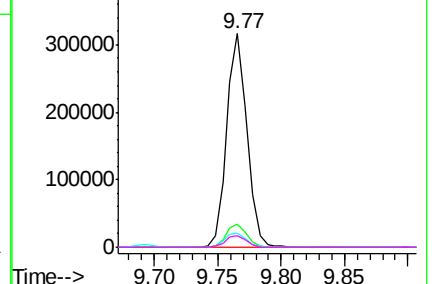
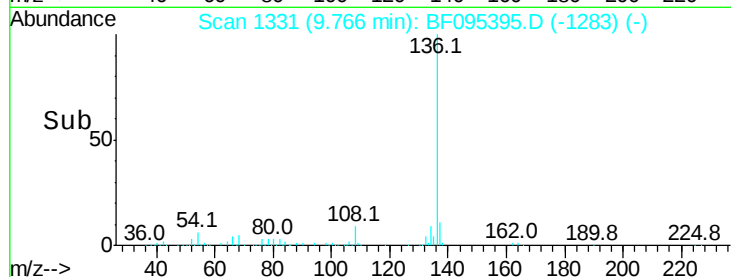


Abundance Ion 136.00 (135.70 to 136.70): E

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: 50.45 ng

RT: 8.42 min Scan# 1103

Delta R.T. -0.02 min

Lab File: BF095395.D

Acq: 24 May 2017 18:27

Tgt Ion:105 Resp: 423611

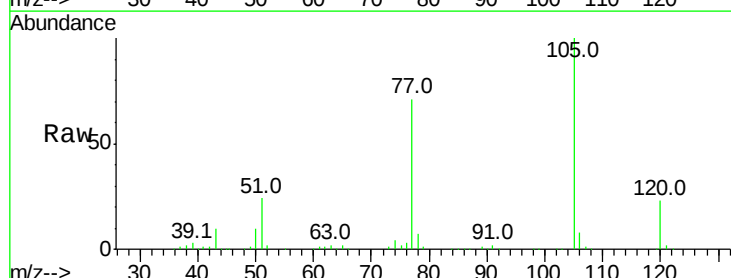
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 23.5 30.7 46.1#

120 22.5 17.4 26.0

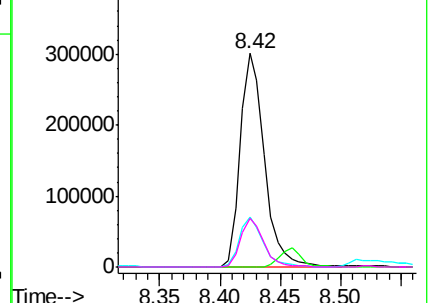
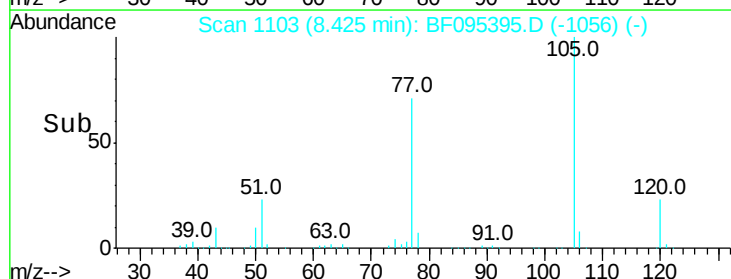


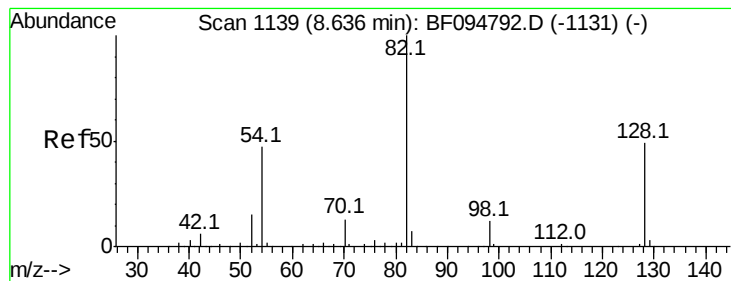
Abundance Ion 105.00 (104.70 to 105.70): E

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: 100.42 ng

RT: 8.66 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF095395.D

Acq: 24 May 2017 18:27

Instrument :

BNA_F

ClientSampleId :

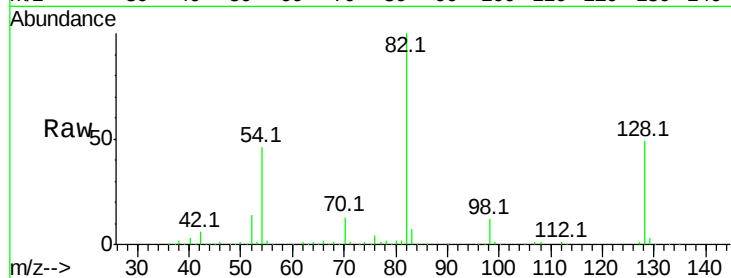
Tot Ion: 82 Resp: 557314

Ion Ratio Lower Upper

82 100

128 49.3 34.0 51.0

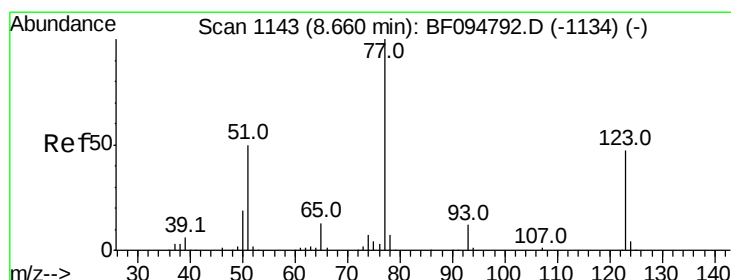
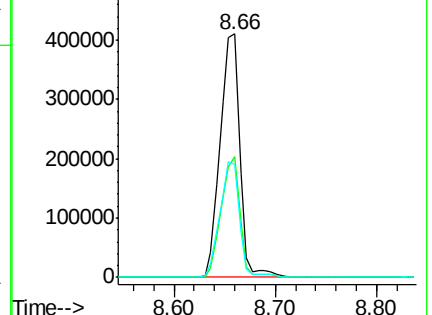
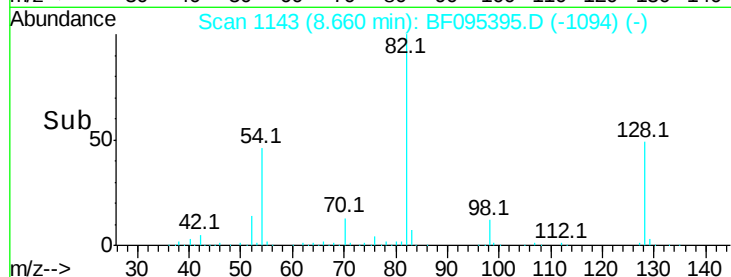
54 46.2 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 49.18 ng

RT: 8.68 min Scan# 1147

Delta R.T. -0.02 min

Lab File: BF095395.D

Acq: 24 May 2017 18:27

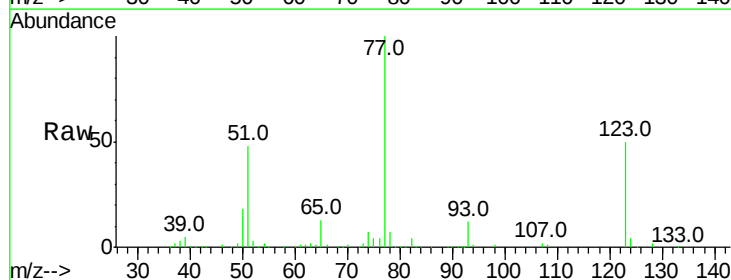
Tgt Ion: 77 Resp: 286079

Ion Ratio Lower Upper

77 100

123 50.1 35.8 53.8

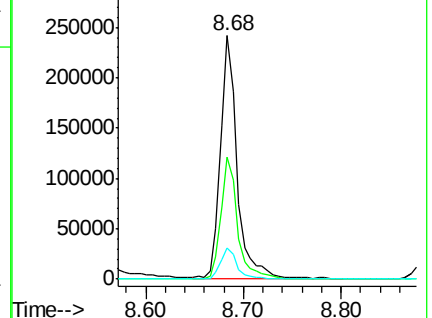
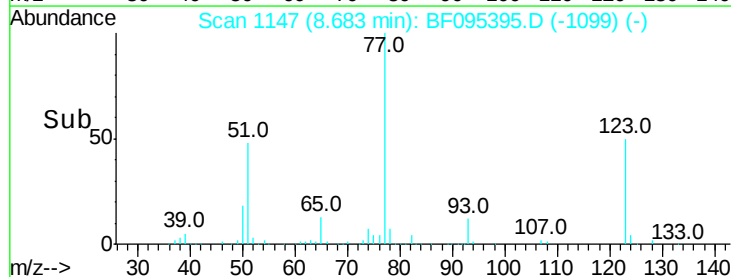
65 12.8 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 50.65 ng

RT: 9.08 min Scan# 1215

Delta R.T. -0.02 min

Lab File: BF095395.D

Acq: 24 May 2017 18:27

Instrument :

BNA_F

ClientSampleId :

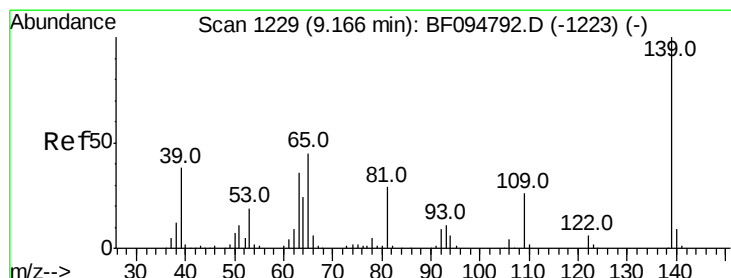
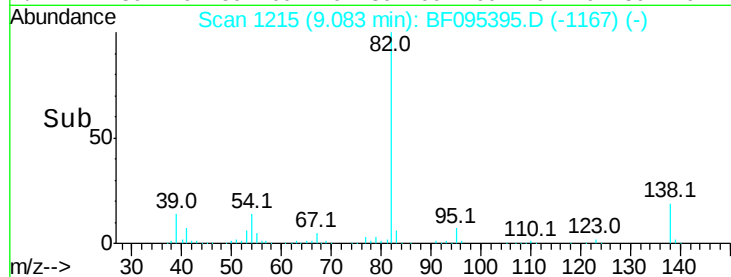
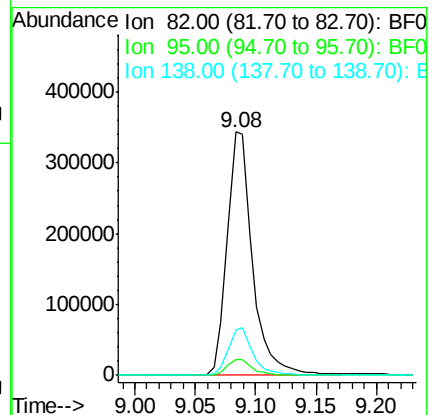
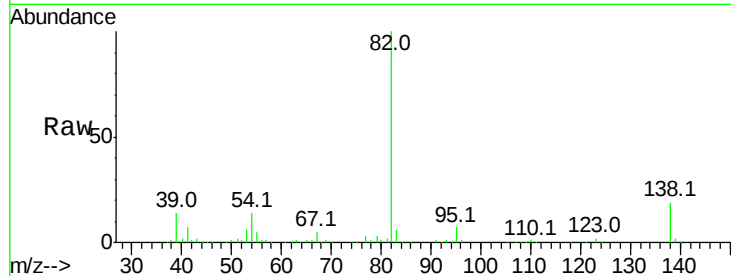
Tot Ion: 82 Resp: 501974

Ion Ratio Lower Upper

82 100

95 6.5 5.3 7.9

138 18.6 13.1 19.7



#26

2-Nitrophenol

Concen: 48.28 ng

RT: 9.19 min Scan# 1233

Delta R.T. -0.02 min

Lab File: BF095395.D

Acq: 24 May 2017 18:27

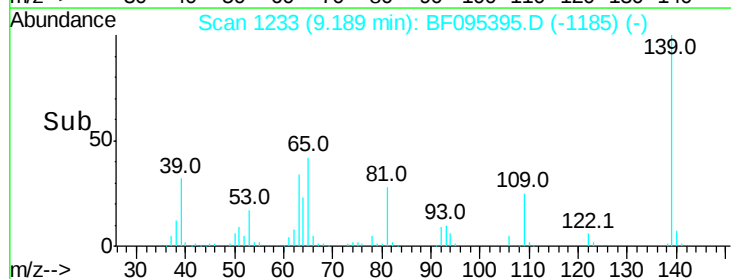
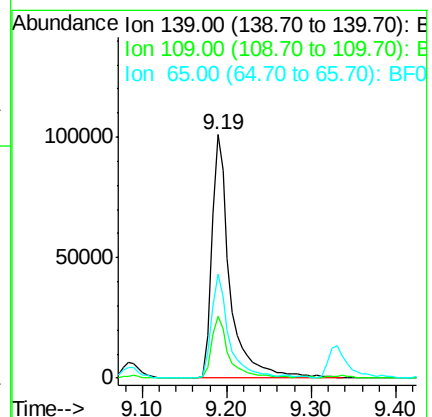
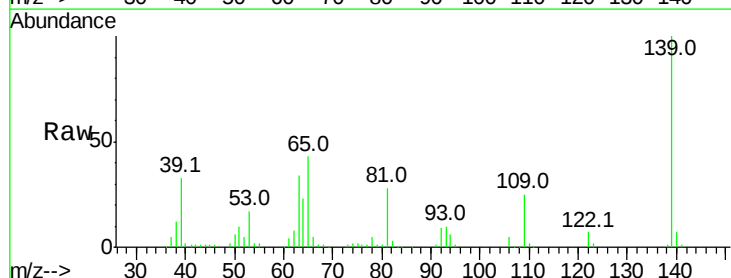
Tgt Ion:139 Resp: 151533

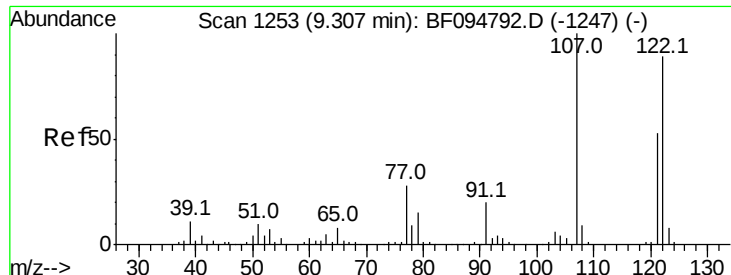
Ion Ratio Lower Upper

139 100

109 25.2 21.0 31.6

65 42.9 33.0 49.6

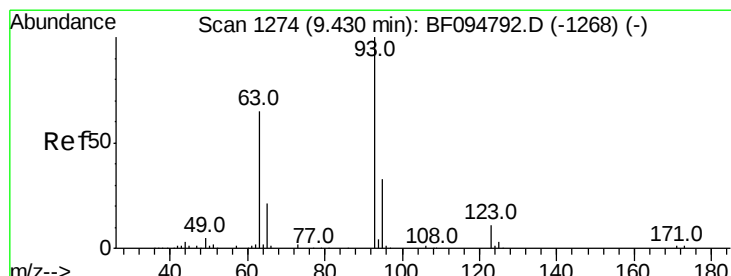
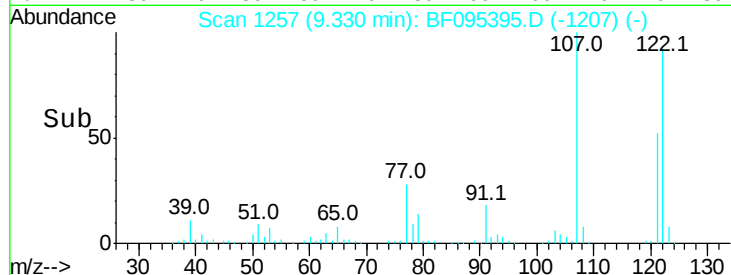
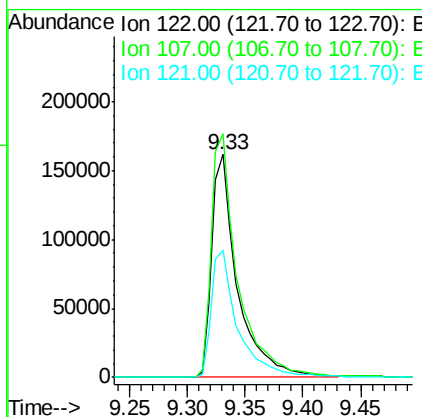
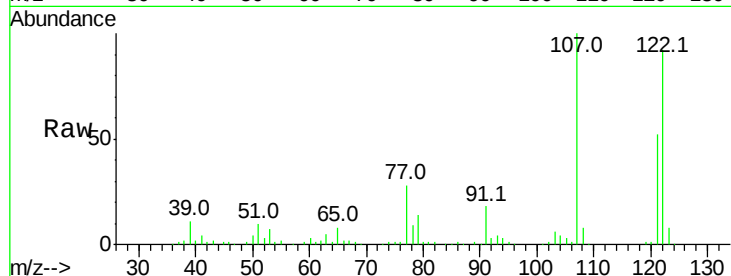




#27
 2,4-Dimethylphenol
 Concen: 49.27 ng
 RT: 9.33 min Scan# 1257
 Delta R.T. -0.01 min
 Lab File: BF095395.D
 Acq: 24 May 2017 18:27

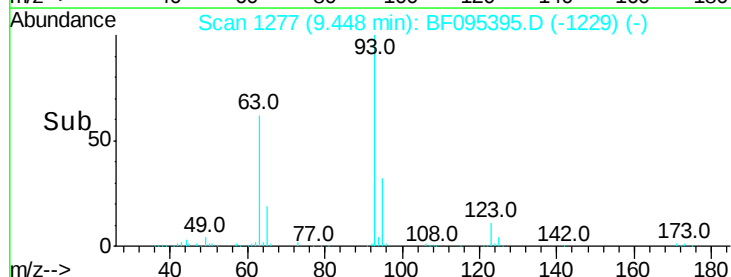
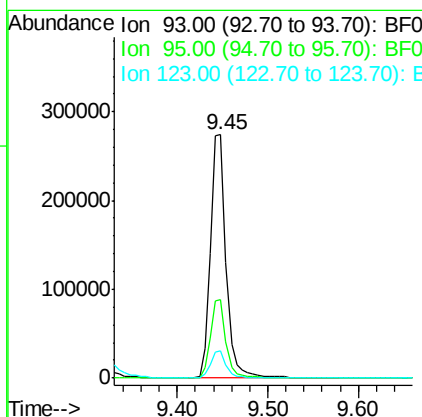
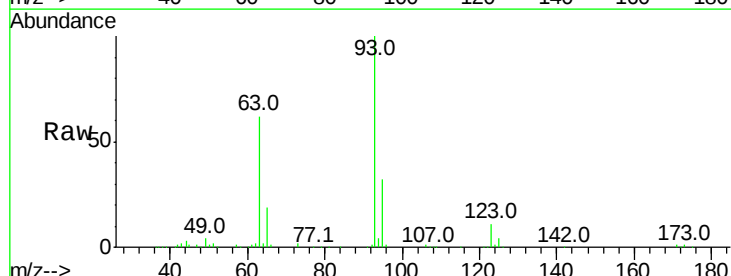
Instrument :
 BNA_F
 ClientSampled :

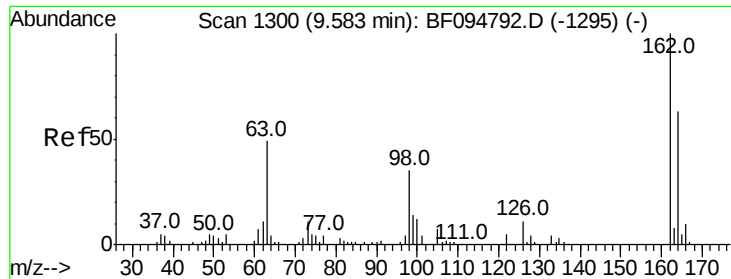
Tot Ion	Ratio	Lower	Upper
122	100		
107	109.3	89.2	133.8
121	57.2	45.2	67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 48.71 ng
 RT: 9.45 min Scan# 1277
 Delta R.T. -0.02 min
 Lab File: BF095395.D
 Acq: 24 May 2017 18:27

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.5	39.7
123	11.5	9.0	13.4

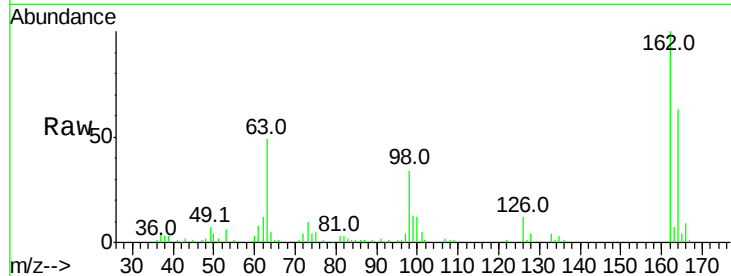




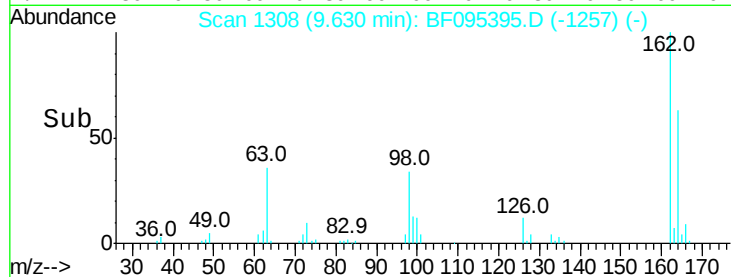
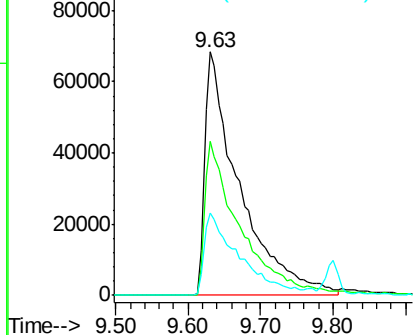
#29
 2,4-Dichlorophenol
 Concen: 47.21 ng
 RT: 9.63 min Scan# 1308
 Delta R.T. -0.00 min
 Lab File: BF095395.D
 Acq: 24 May 2017 18:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	44.6	84.6
98	34.0	14.8	54.8

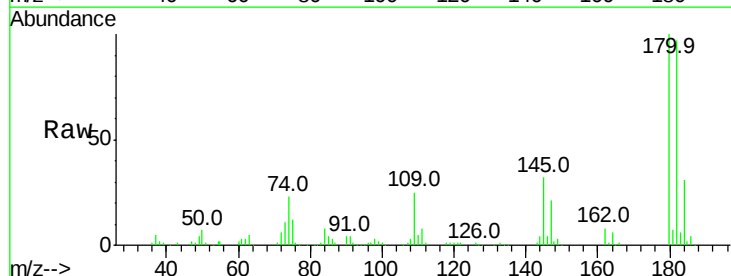


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

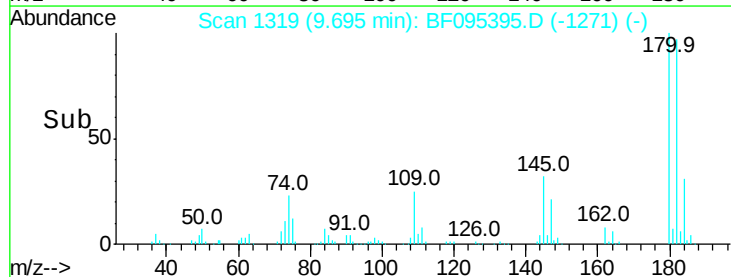
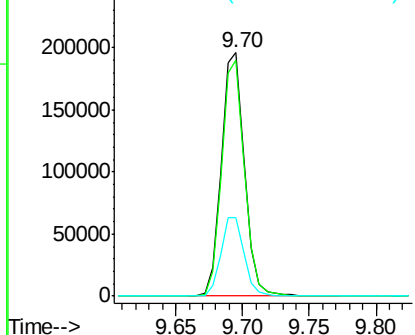


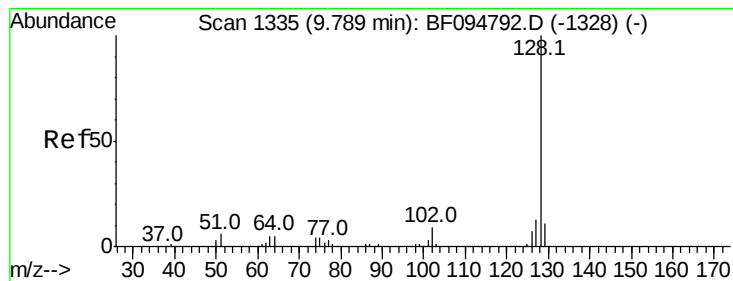
#30
 1,2,4-Trichlorobenzene
 Concen: 46.52 ng
 RT: 9.70 min Scan# 1319
 Delta R.T. -0.02 min
 Lab File: BF095395.D
 Acq: 24 May 2017 18:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	75.8	113.6
145	32.1	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: 48.93 ng

RT: 9.80 min Scan# 1337

Delta R.T. -0.02 min

Lab File: BF095395.D

Acq: 24 May 2017 18:27

Instrument :

BNA_F

ClientSampled :

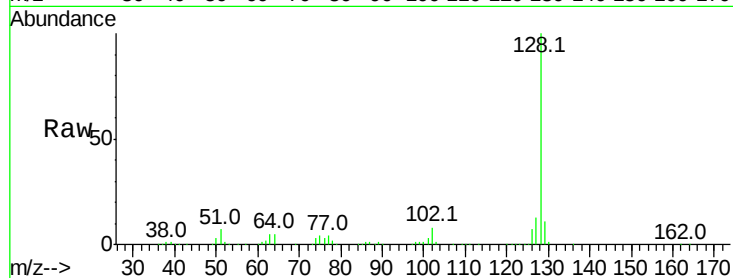
Tot Ion:128 Resp: 860642

Ion Ratio Lower Upper

128 100

129 10.6 9.0 13.6

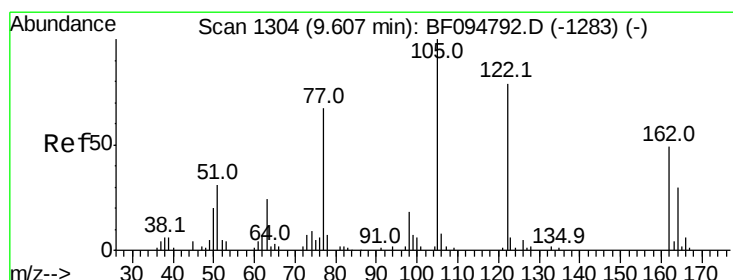
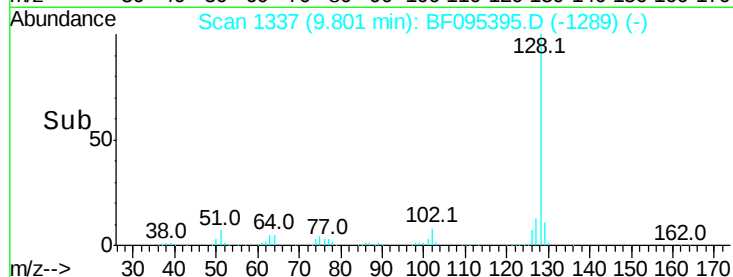
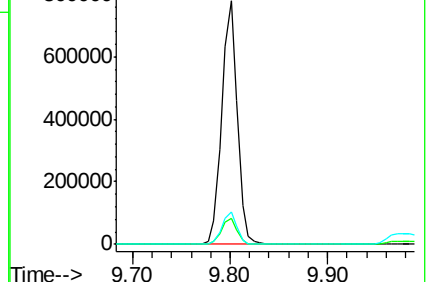
127 13.4 10.8 16.2



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: 5.58 ng

RT: 9.63 min Scan# 1308

Delta R.T. -0.04 min

Lab File: BF095395.D

Acq: 24 May 2017 18:27

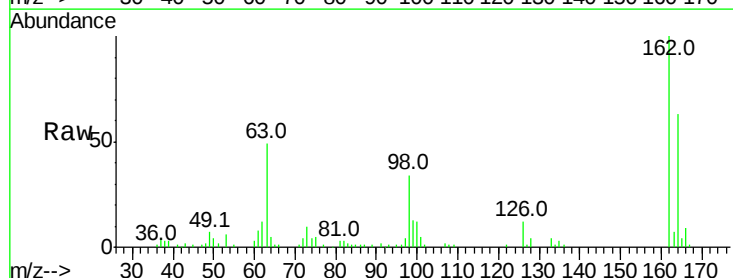
Tgt Ion:122 Resp: 1864

Ion Ratio Lower Upper

122 100

105 0.0 103.3 143.3#

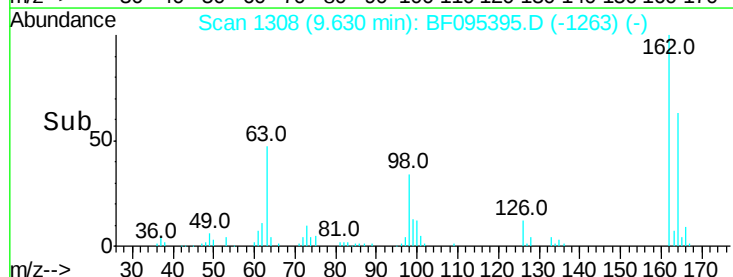
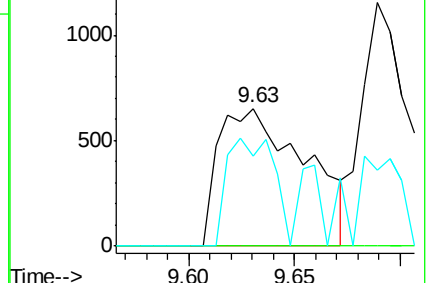
77 65.0 73.7 113.7#

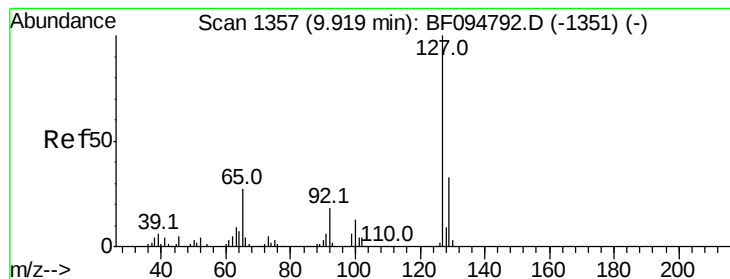


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 19.39 ng

RT: 9.98 min Scan# 1368

Delta R.T. 0.02 min

Lab File: BF095395.D

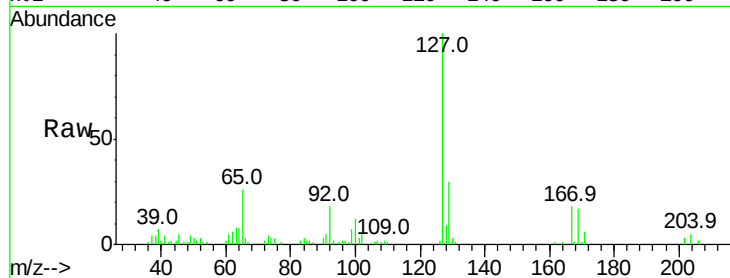
Acq: 24 May 2017 18:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	127	Resp:	127128
Ion	Ratio	Lower	Upper
127	100		
129	29.7	26.2	39.2
65	26.2	27.8	41.8#
92	17.9	16.8	25.2

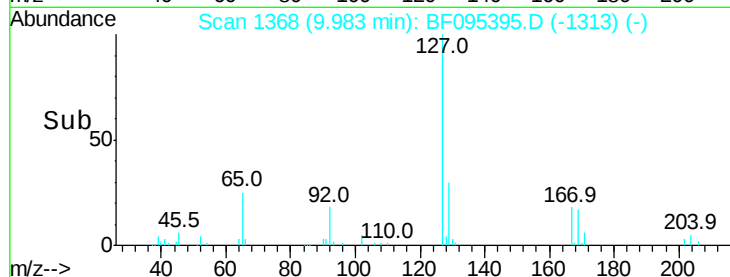
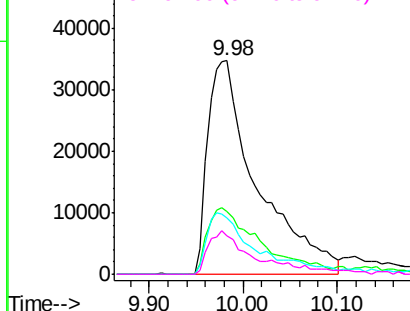


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 44.48 ng

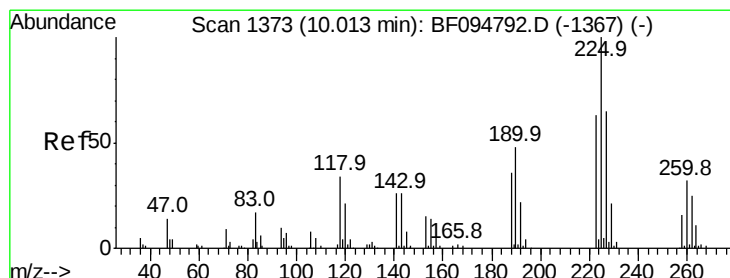
RT: 10.01 min Scan# 1373

Delta R.T. -0.02 min

Lab File: BF095395.D

Acq: 24 May 2017 18:27

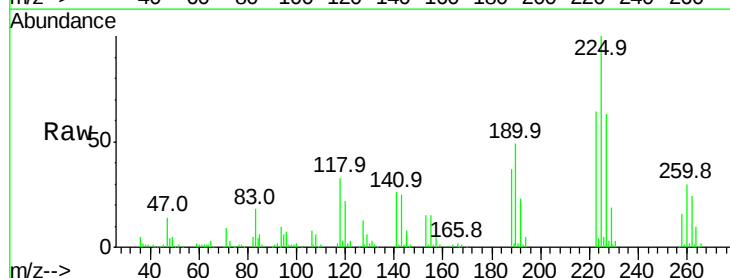
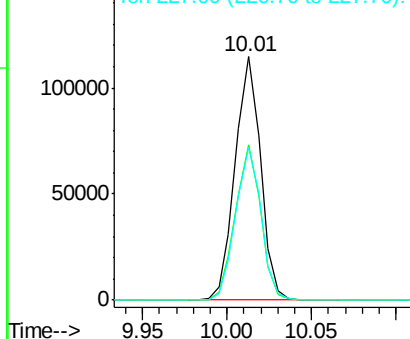
Tgt Ion:	225	Resp:	120500
Ion	Ratio	Lower	Upper
225	100		
223	63.7	48.8	73.2
227	63.0	51.1	76.7



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 30.89 ng

RT: 10.57 min Scan# 1468

Delta R.T. -0.02 min

Lab File: BF095395.D

Acq: 24 May 2017 18:27

Instrument :

BNA_F

ClientSampled :

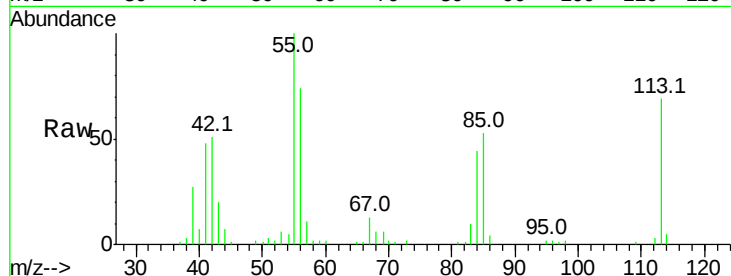
Tot Ion:113 Resp: 44450

Ion Ratio Lower Upper

113 100

55 145.5 150.2 190.2#

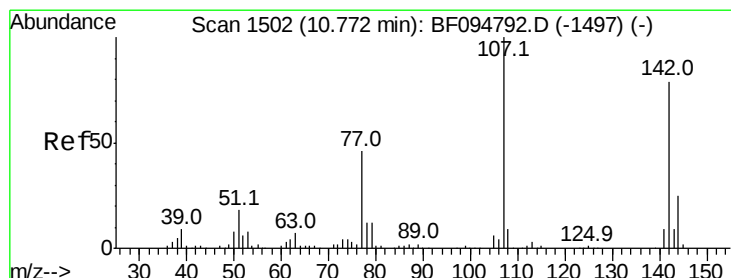
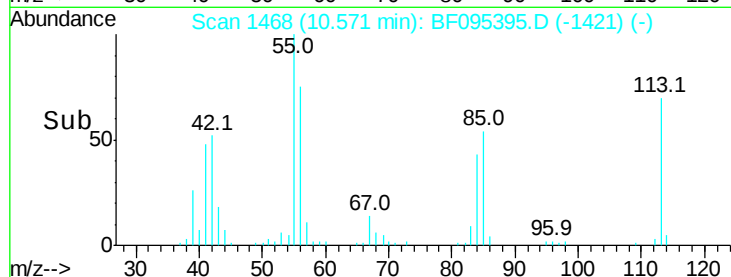
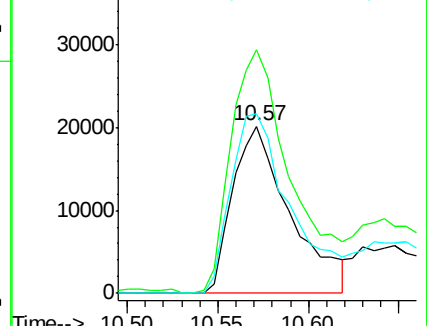
56 107.6 107.8 147.8#



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: 45.32 ng

RT: 10.82 min Scan# 1510

Delta R.T. 0.01 min

Lab File: BF095395.D

Acq: 24 May 2017 18:27

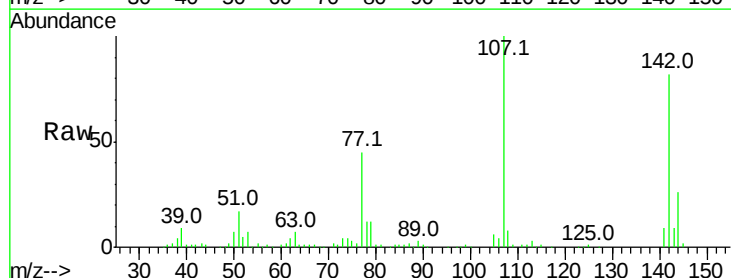
Tgt Ion:107 Resp: 232190

Ion Ratio Lower Upper

107 100

144 26.4 24.2 36.4

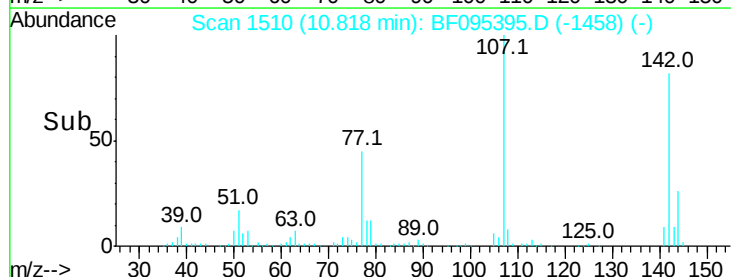
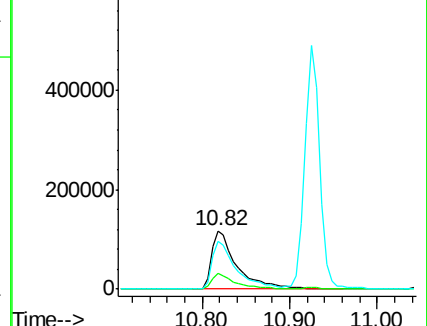
142 82.2 73.4 110.0

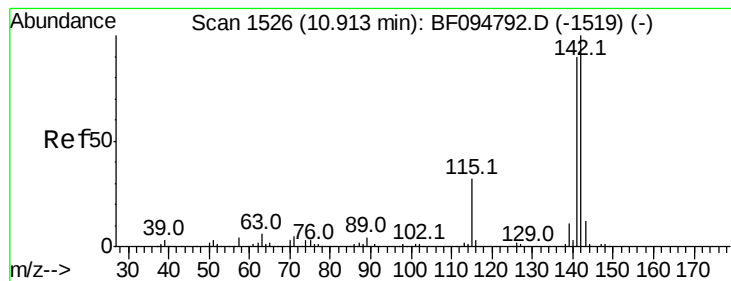


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 50.68 ng

RT: 10.92 min Scan# 1528

Delta R.T. -0.02 min

Lab File: BF095395.D

Acq: 24 May 2017 18:27

Instrument :

BNA_F

ClientSampleId :

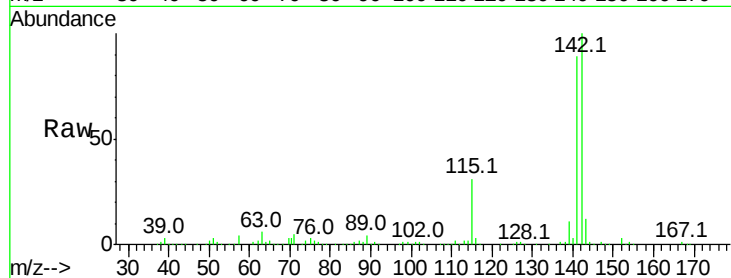
Tot Ion:142 Resp: 585062

Ion Ratio Lower Upper

142 100

141 88.9 71.3 106.9

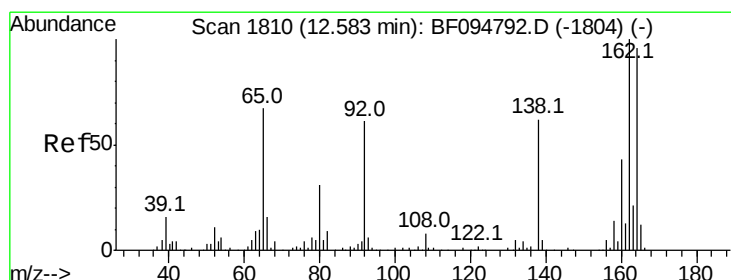
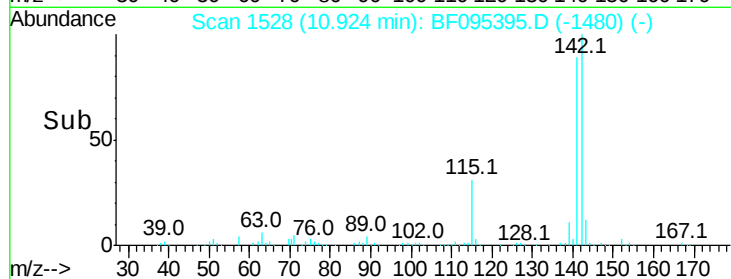
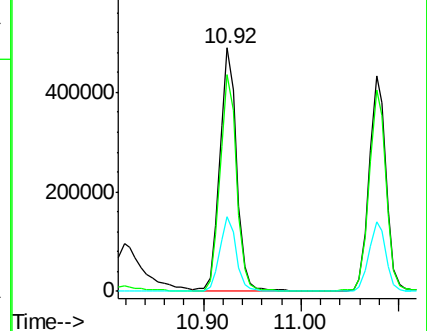
115 30.7 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.59 min Scan# 1812

Delta R.T. -0.02 min

Lab File: BF095395.D

Acq: 24 May 2017 18:27

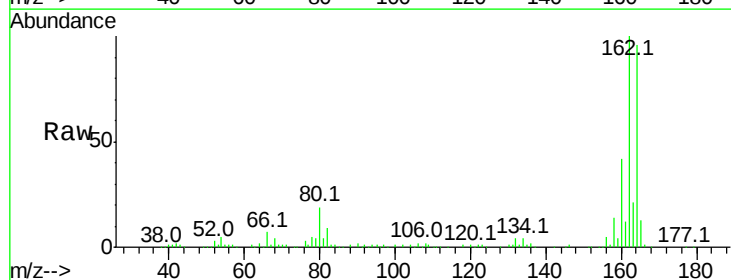
Tgt Ion:164 Resp: 141152

Ion Ratio Lower Upper

164 100

162 104.2 82.6 123.8

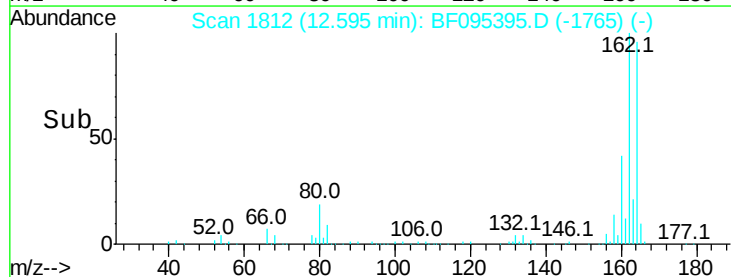
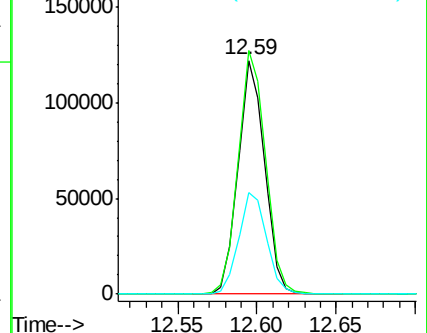
160 43.5 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 49.55 ng

RT: 11.21 min Scan# 1576

Delta R.T. -0.02 min

Lab File: BF095395.D

Acq: 24 May 2017 18:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 215108

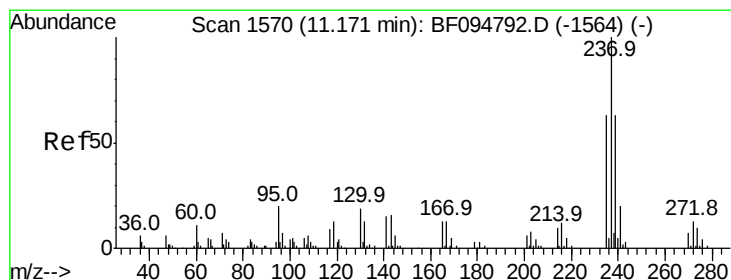
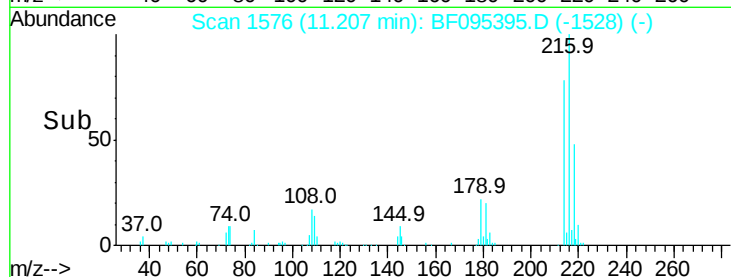
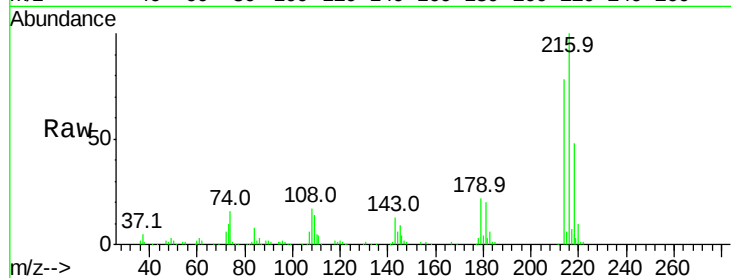
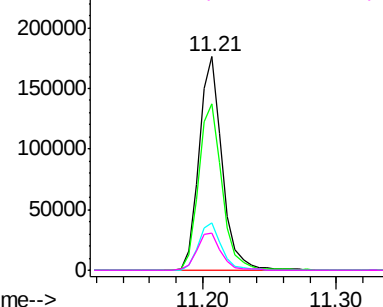
Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.4	95.2
179	22.2	17.9	26.9
108	18.0	16.5	24.7

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: 7.65 ng

RT: 11.17 min Scan# 1570

Delta R.T. -0.02 min

Lab File: BF095395.D

Acq: 24 May 2017 18:27

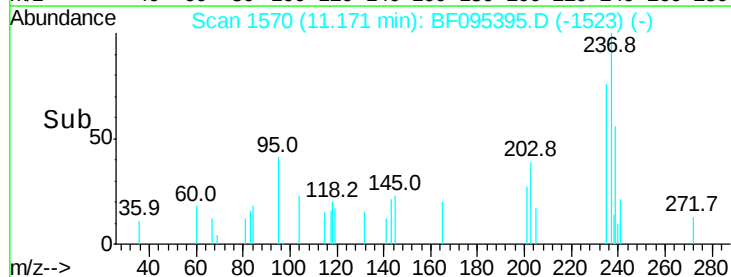
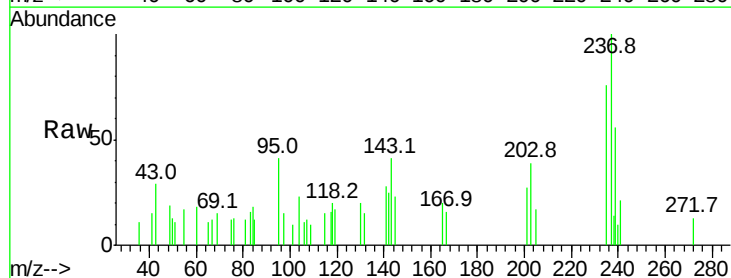
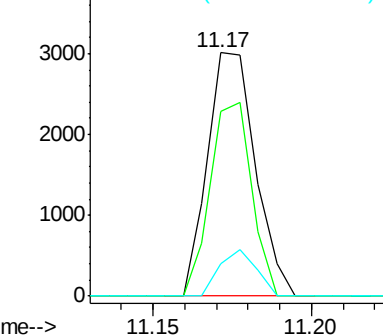
Tgt Ion:237 Resp: 3151

Ion	Ratio	Lower	Upper
237	100		
235	75.8	42.6	82.6
272	13.2	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

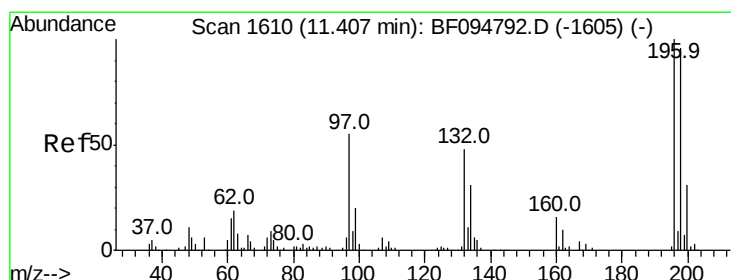
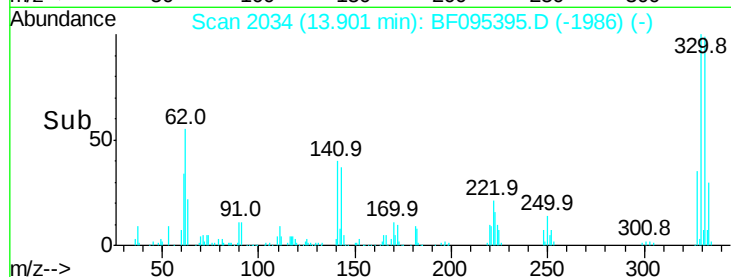
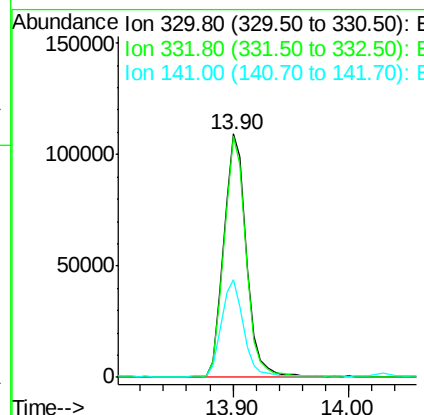
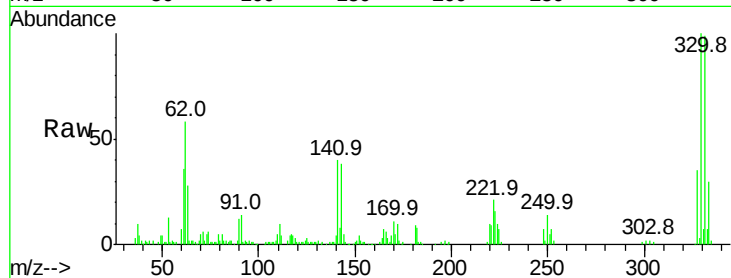




#41
 2,4,6-Tribromophenol
 Concen: 128.66 ng
 RT: 13.90 min Scan# 2034
 Delta R.T. -0.02 min
 Lab File: BF095395.D
 Acq: 24 May 2017 18:27

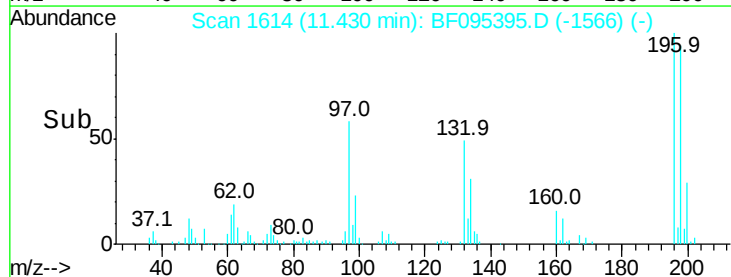
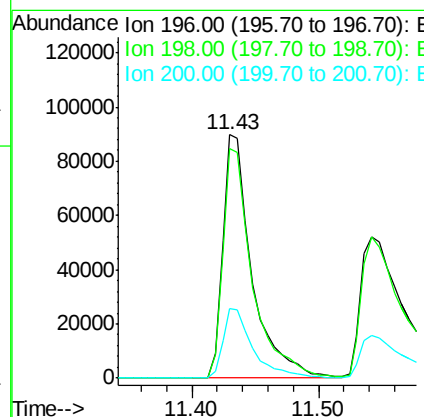
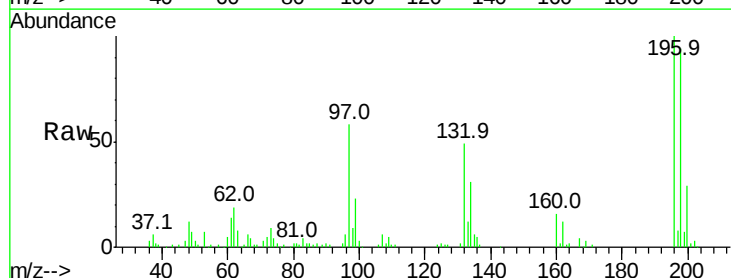
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 148732
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 115.0
 141 38.6 31.4 47.2



#42
 2,4,6-Trichlorophenol
 Concen: 49.82 ng
 RT: 11.43 min Scan# 1614
 Delta R.T. -0.02 min
 Lab File: BF095395.D
 Acq: 24 May 2017 18:27

Tgt Ion:196 Resp: 144377
 Ion Ratio Lower Upper
 196 100
 198 94.2 74.2 111.4
 200 28.6 24.0 36.0

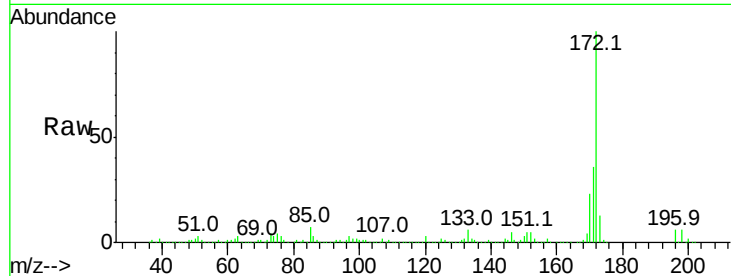




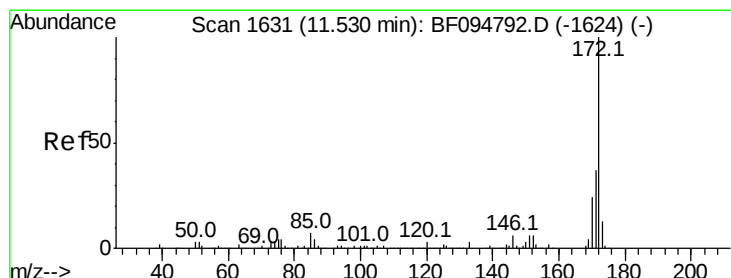
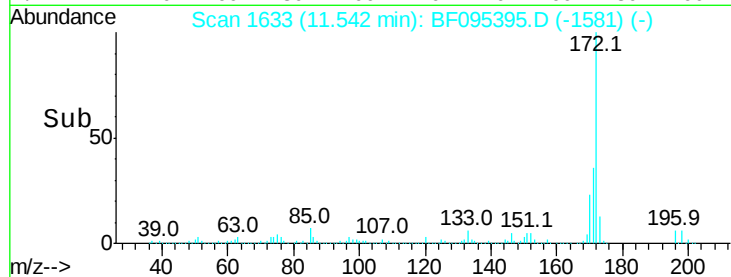
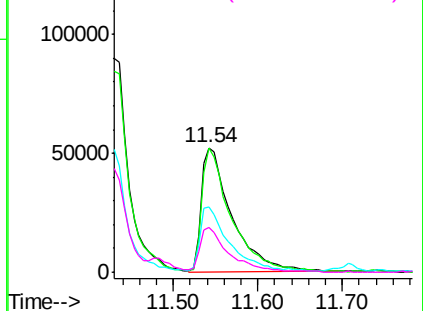
#43
 2,4,5-Trichlorophenol
 Concen: 42.02 ng
 RT: 11.54 min Scan# 1633
 Delta R.T. 0.01 min
 Lab File: BF095395.D
 Acq: 24 May 2017 18:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	99.7	75.7	113.5
97	52.1	47.7	71.5
132	36.3	28.0	42.0

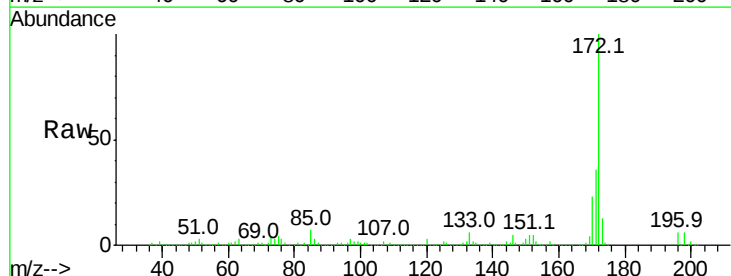


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

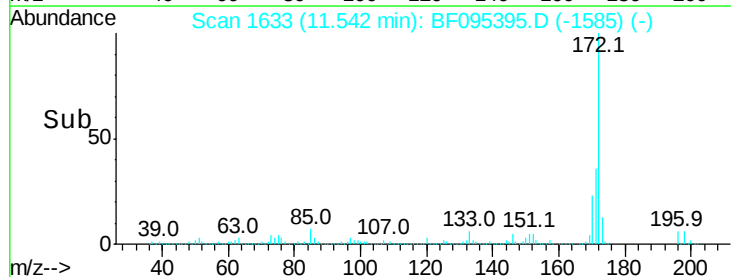
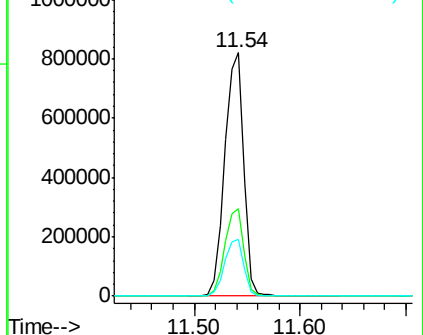


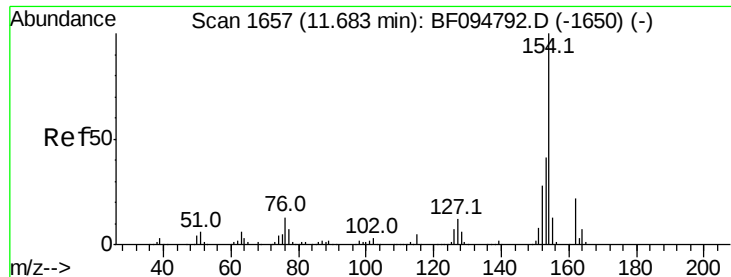
#44
 2-Fluorobiphenyl
 Concen: 103.92 ng
 RT: 11.54 min Scan# 1633
 Delta R.T. -0.02 min
 Lab File: BF095395.D
 Acq: 24 May 2017 18:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	23.4	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

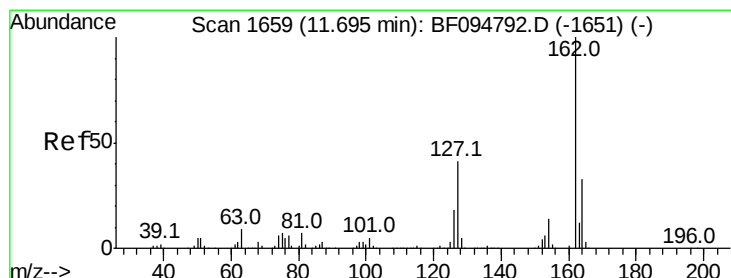
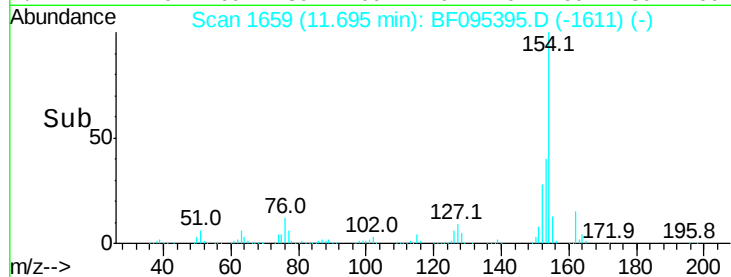
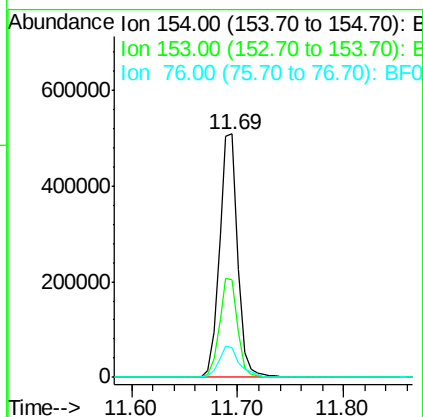
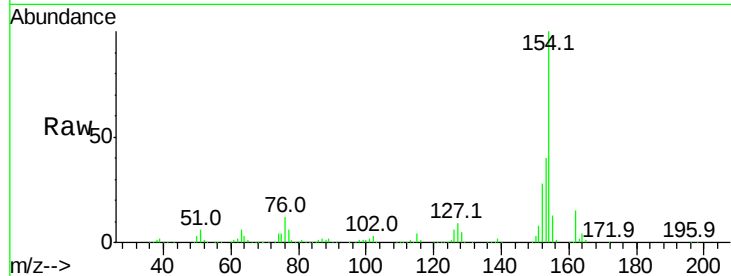




#45
 1,1'-Biphenyl
 Concen: 51.94 ng
 RT: 11.69 min Scan# 1659
 Delta R.T. -0.02 min
 Lab File: BF095395.D
 Acq: 24 May 2017 18:27

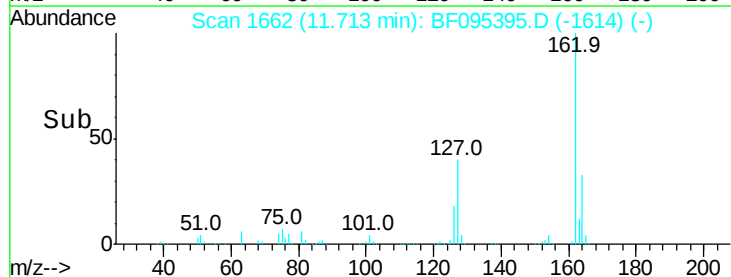
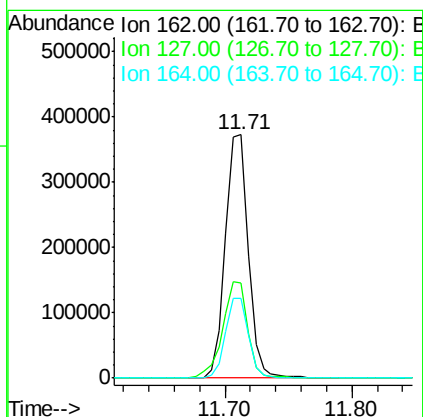
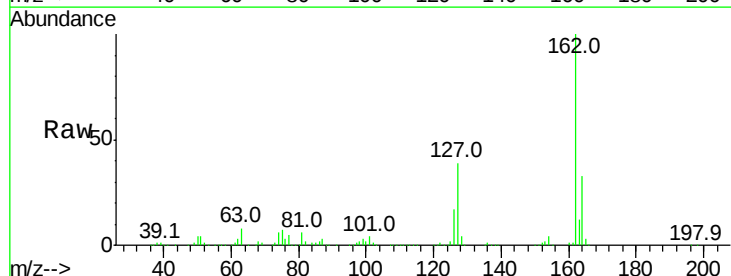
Instrument :
 BNA_F
 ClientSampleId :

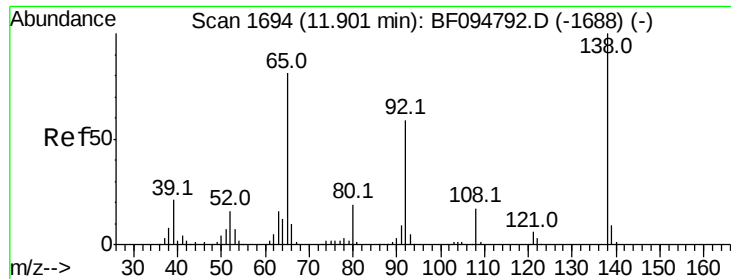
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.2	21.2	61.2
76	12.5	0.0	29.9



#46
 2-Chloronaphthalene
 Concen: 48.94 ng
 RT: 11.71 min Scan# 1662
 Delta R.T. -0.02 min
 Lab File: BF095395.D
 Acq: 24 May 2017 18:27

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.9	28.3	42.5
164	32.7	27.0	40.4

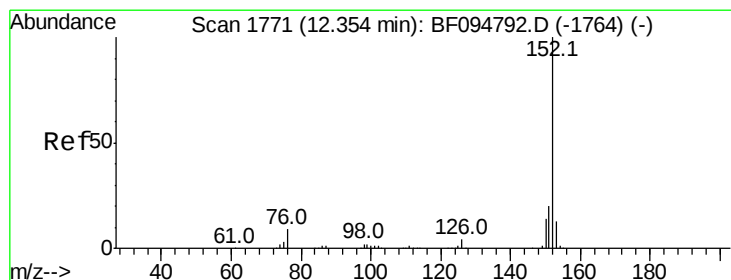
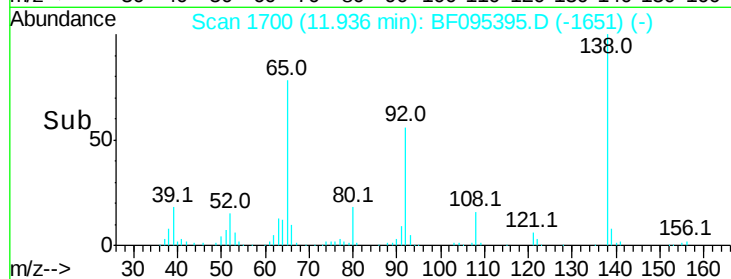
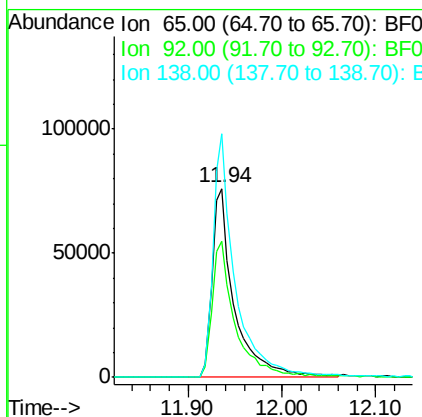
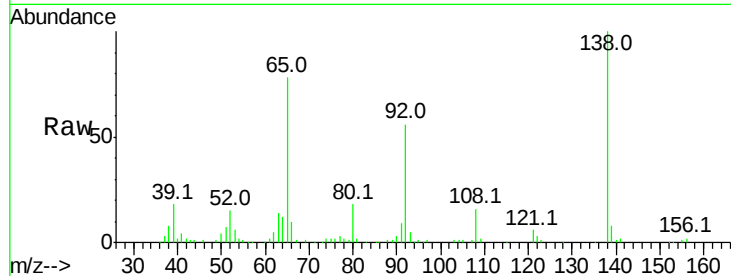




#47
2-Nitroaniline
Concen: 48.44 ng
RT: 11.94 min Scan# 1700
Delta R.T. -0.01 min
Lab File: BF095395.D
Acq: 24 May 2017 18:27

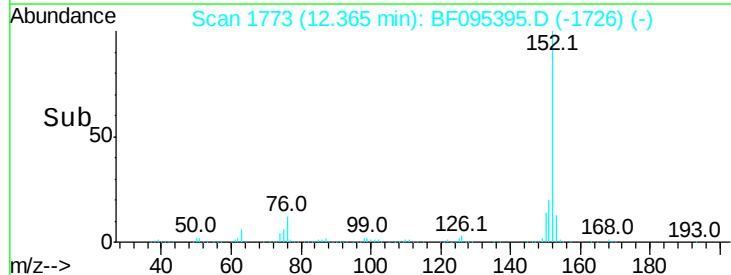
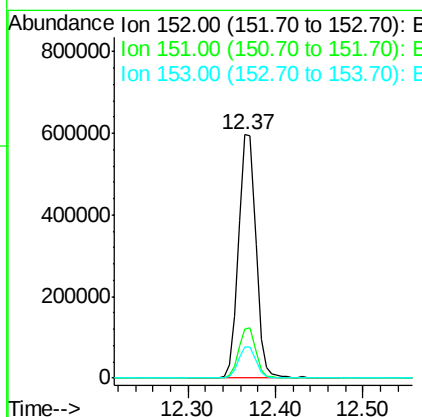
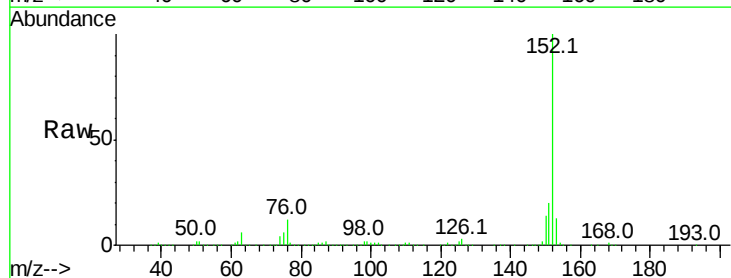
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 127218
Ion Ratio Lower Upper
65 100
92 72.1 53.9 80.9
138 128.9 78.8 118.2#



#48
Acenaphthylene
Concen: 53.11 ng
RT: 12.37 min Scan# 1773
Delta R.T. -0.02 min
Lab File: BF095395.D
Acq: 24 May 2017 18:27

Tgt Ion:152 Resp: 798324
Ion Ratio Lower Upper
152 100
151 20.3 16.8 25.2
153 13.0 10.8 16.2





#49

Dimethylphthalate

Concen: 65.65 ng

RT: 12.24 min Scan# 1752

Delta R.T. -0.02 min

Lab File: BF095395.D

Acq: 24 May 2017 18:27

Instrument :

BNA_F

ClientSampleId :

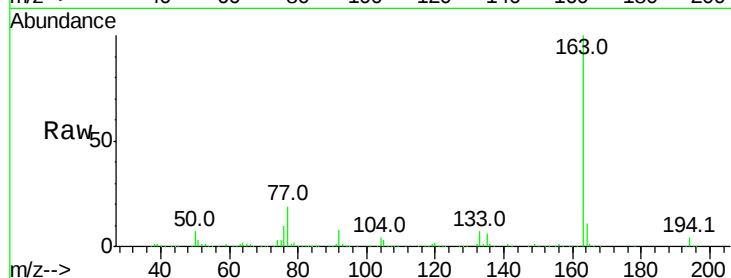
Tot Ion:163 Resp: 760756

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

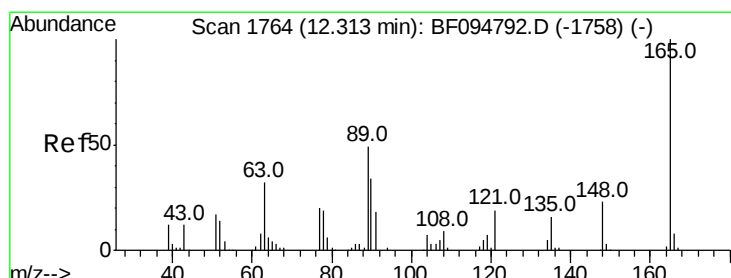
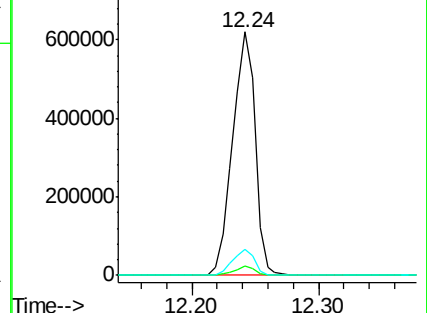
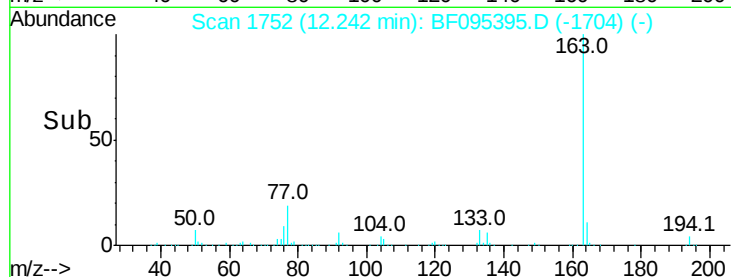
164 10.5 8.4 12.6



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: 47.79 ng

RT: 12.34 min Scan# 1768

Delta R.T. -0.02 min

Lab File: BF095395.D

Acq: 24 May 2017 18:27

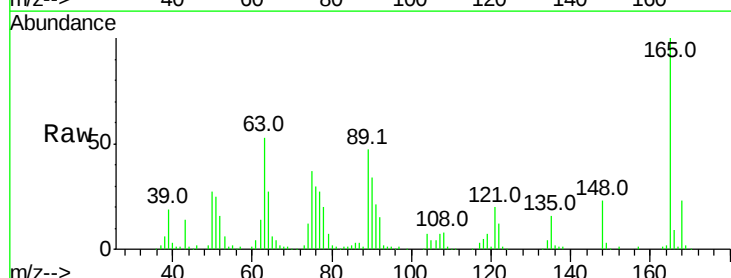
Tgt Ion:165 Resp: 112981

Ion Ratio Lower Upper

165 100

63 53.4 34.3 51.5#

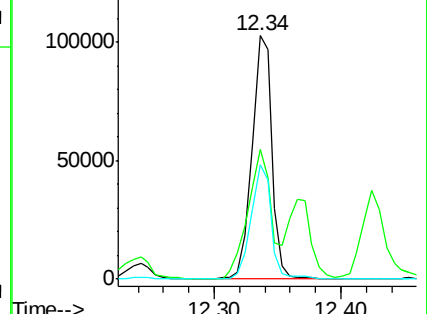
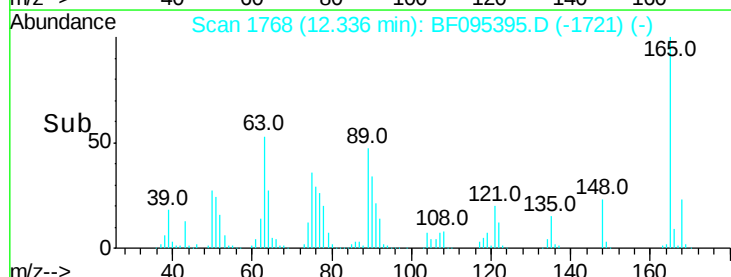
89 47.1 37.1 55.7

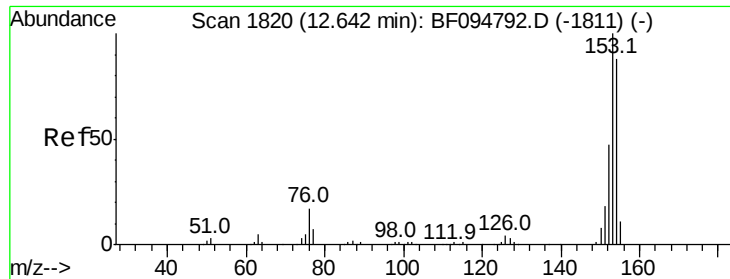


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

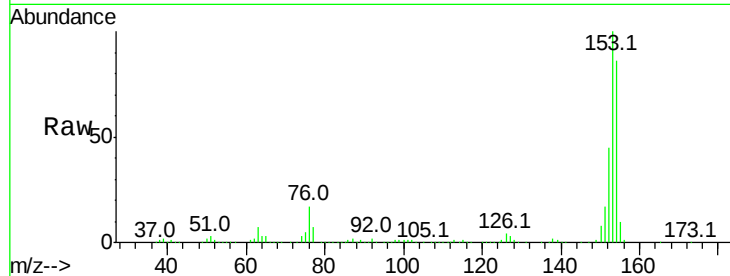




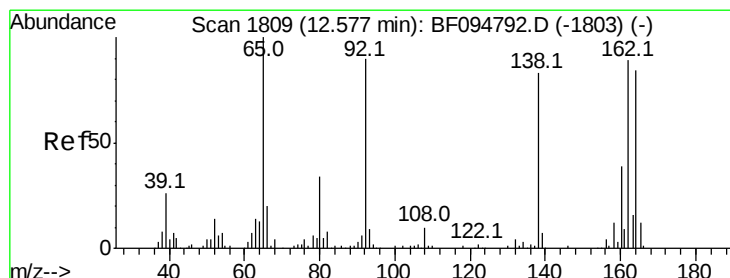
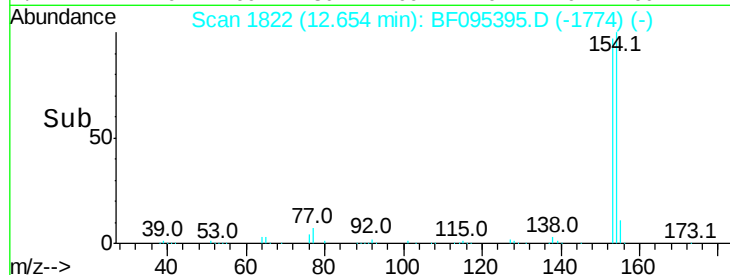
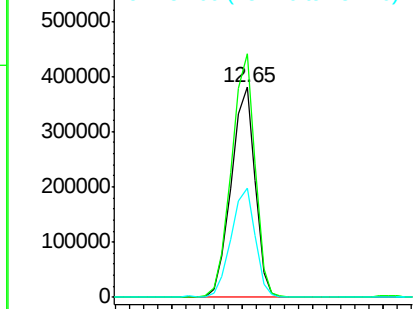
#51
Acenaphthene
Concen: 49.85 ng
RT: 12.65 min Scan# 1822
Delta R.T. -0.02 min
Lab File: BF095395.D
Acq: 24 May 2017 18:27

Instrument :
BNA_F
ClientSampled :

Tot Ion:154 Resp: 447548
Ion Ratio Lower Upper
154 100
153 115.9 90.5 135.7
152 52.1 43.6 65.4

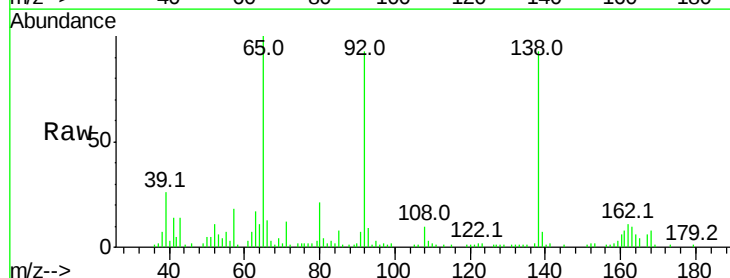


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

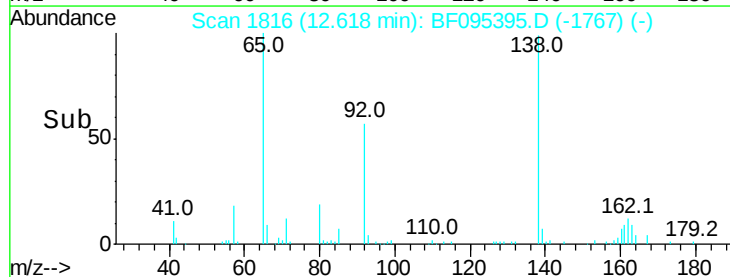
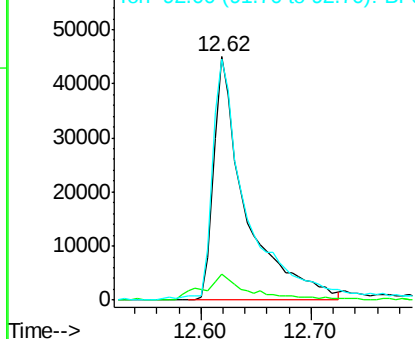


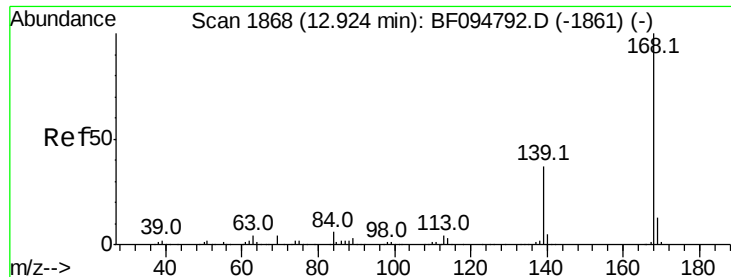
#52
3-Nitroaniline
Concen: 35.69 ng
RT: 12.62 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF095395.D
Acq: 24 May 2017 18:27

Tgt Ion:138 Resp: 90565
Ion Ratio Lower Upper
138 100
108 10.8 9.1 13.7
92 99.1 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

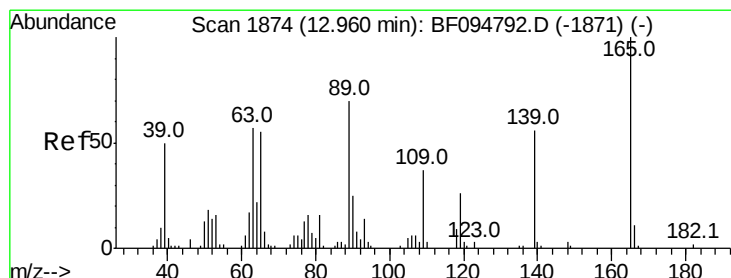
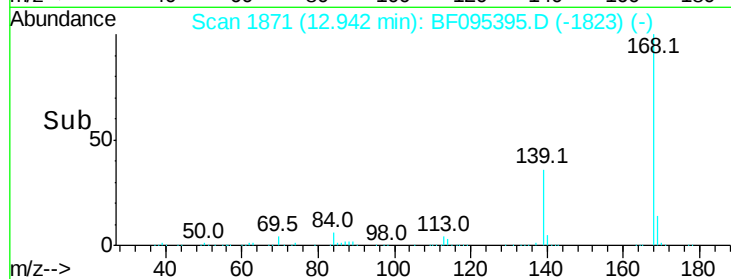
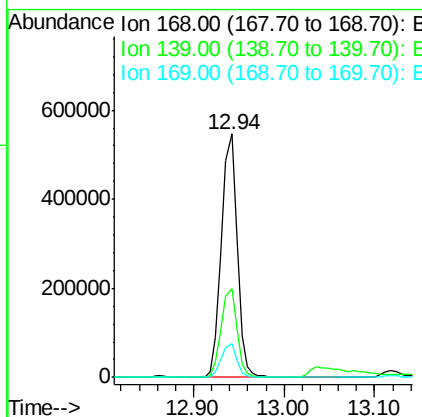
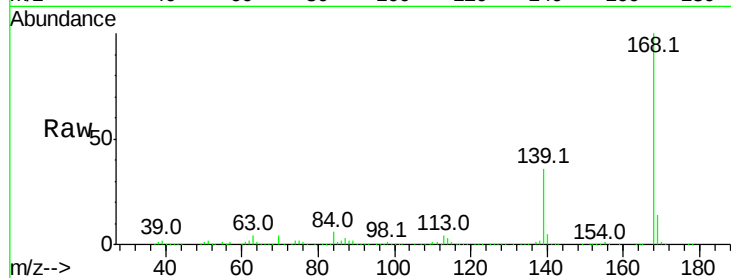




#54
 Dibenzofuran
 Concen: 52.81 ng
 RT: 12.94 min Scan# 1871
 Delta R.T. -0.02 min
 Lab File: BF095395.D
 Acq: 24 May 2017 18:27

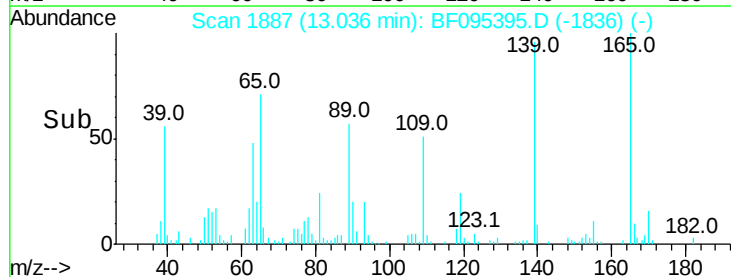
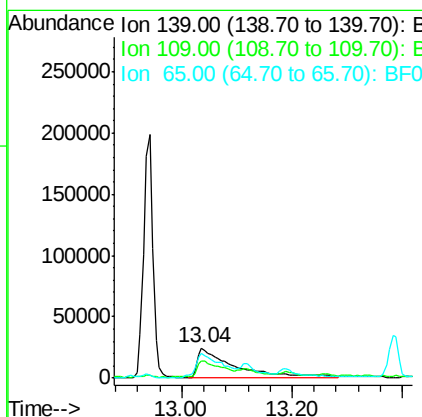
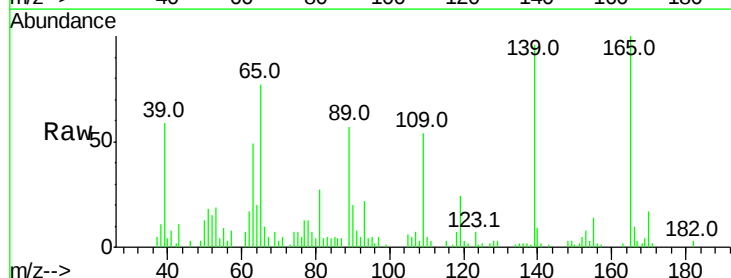
Instrument :
 BNA_F
 ClientSampleId :

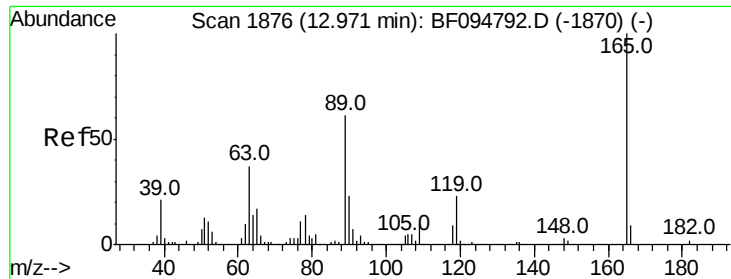
Tot Ion:168 Resp: 656026
 Ion Ratio Lower Upper
 168 100
 139 36.3 30.6 45.8
 169 13.8 10.8 16.2



#55
 4-Nitrophenol
 Concen: 70.67 ng
 RT: 13.04 min Scan# 1887
 Delta R.T. -0.00 min
 Lab File: BF095395.D
 Acq: 24 May 2017 18:27

Tgt Ion:139 Resp: 107705
 Ion Ratio Lower Upper
 139 100
 109 56.7 34.1 74.1
 65 80.6 31.4 71.4#

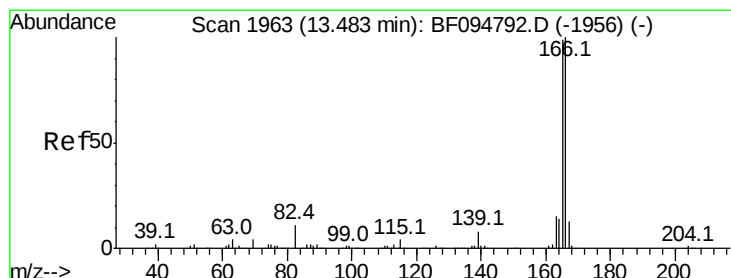
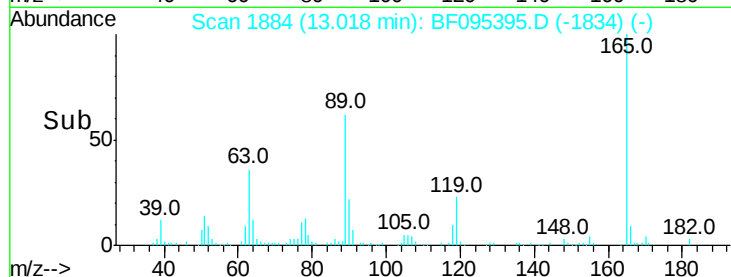
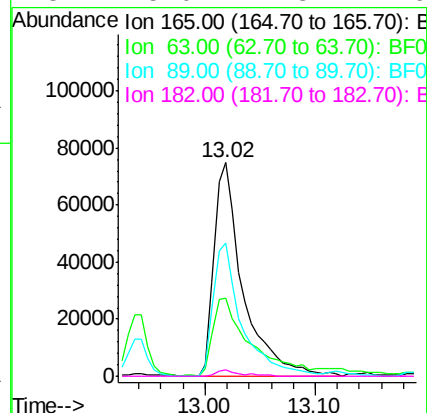
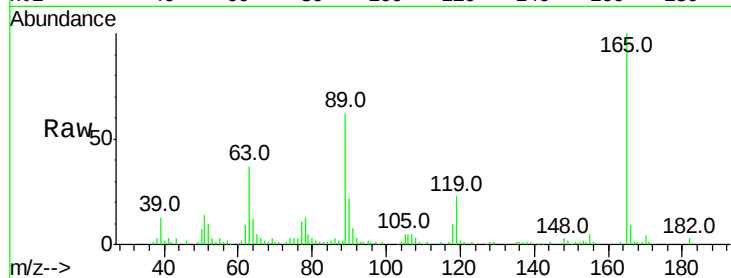




#56
 2,4-Dinitrotoluene
 Concen: 44.52 ng
 RT: 13.02 min Scan# 1884
 Delta R.T. -0.01 min
 Lab File: BF095395.D
 Acq: 24 May 2017 18:27

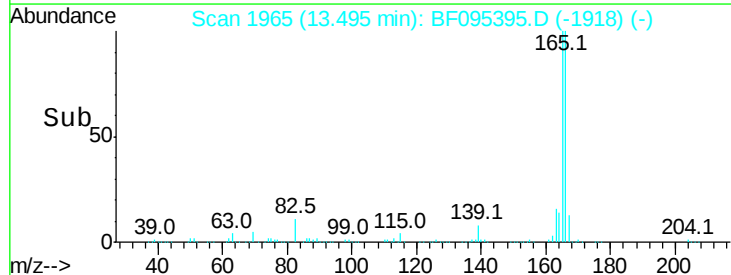
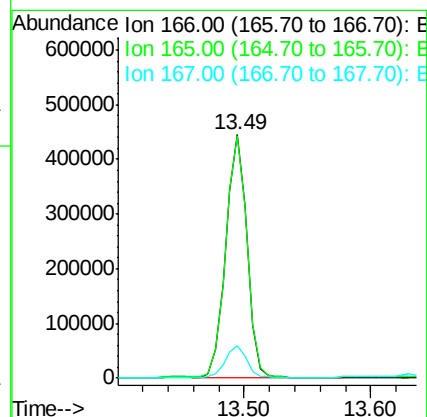
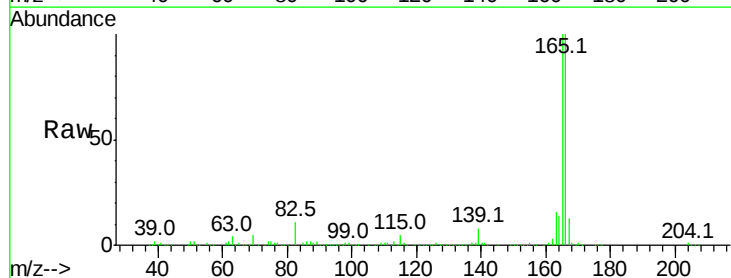
Instrument :
 BNA_F
 ClientSampled :

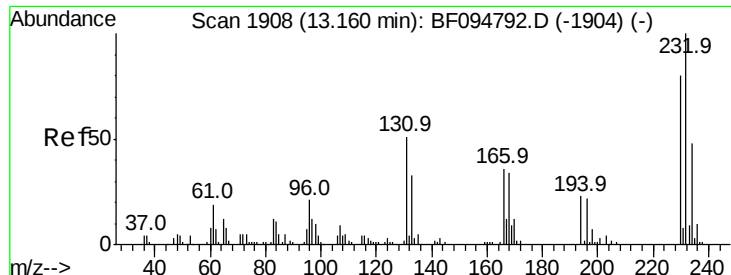
Tot Ion:165 Resp: 135255
 Ion Ratio Lower Upper
 165 100
 63 36.7 25.4 38.0
 89 62.4 46.4 69.6
 182 3.0 1.8 2.6#



#57
 Fluorene
 Concen: 47.59 ng
 RT: 13.49 min Scan# 1965
 Delta R.T. -0.02 min
 Lab File: BF095395.D
 Acq: 24 May 2017 18:27

Tgt Ion:166 Resp: 514121
 Ion Ratio Lower Upper
 166 100
 165 99.8 78.8 118.2
 167 13.2 10.6 16.0

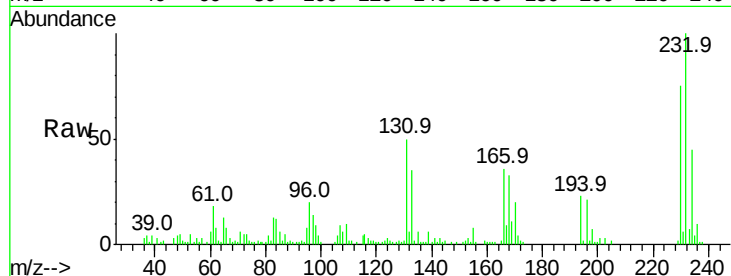




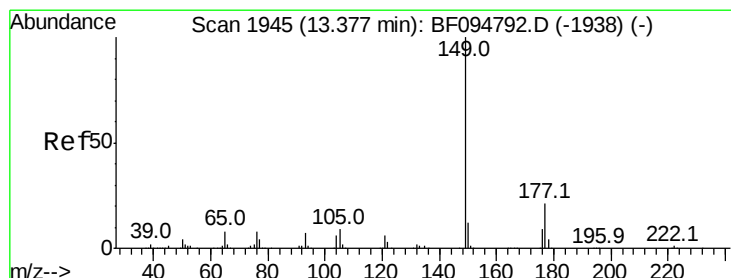
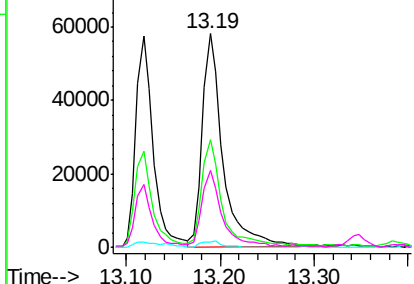
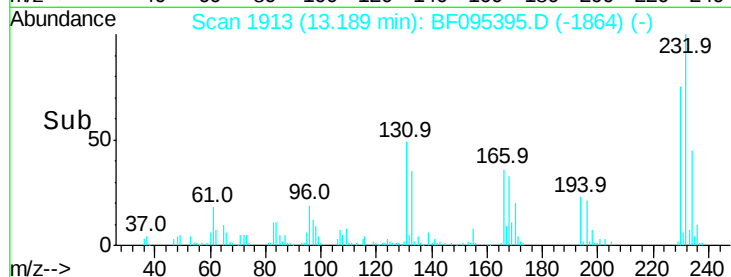
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.42 ng
 RT: 13.19 min Scan# 1913
 Delta R.T. -0.01 min
 Lab File: BF095395.D
 Acq: 24 May 2017 18:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 89045
 Ion Ratio Lower Upper
 232 100
 131 48.7 44.8 67.2
 130 2.9 2.3 3.5
 166 34.3 29.0 43.4

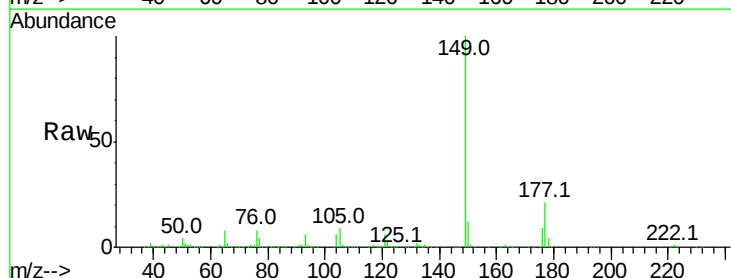


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

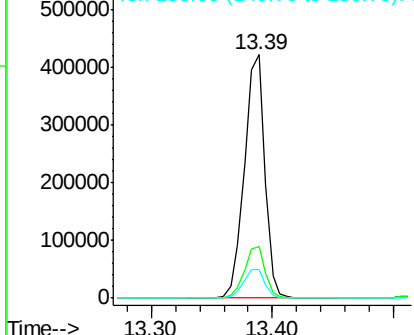
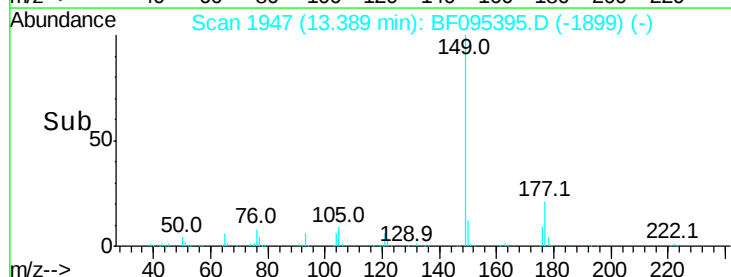


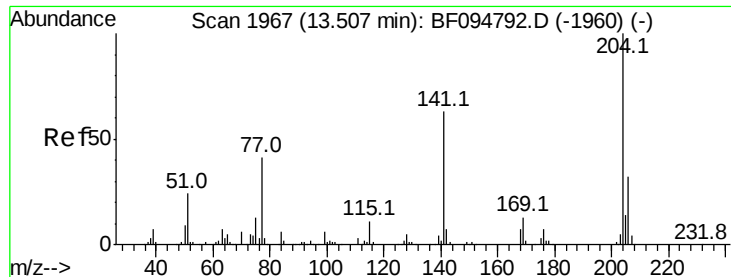
#59
 Diethylphthalate
 Concen: 44.93 ng
 RT: 13.39 min Scan# 1947
 Delta R.T. -0.02 min
 Lab File: BF095395.D
 Acq: 24 May 2017 18:27

Tgt Ion:149 Resp: 498976
 Ion Ratio Lower Upper
 149 100
 177 21.0 16.7 25.1
 150 11.8 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

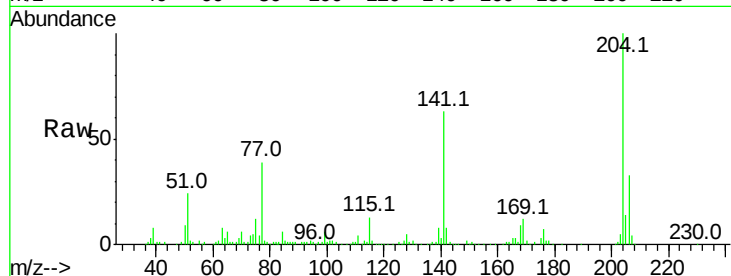




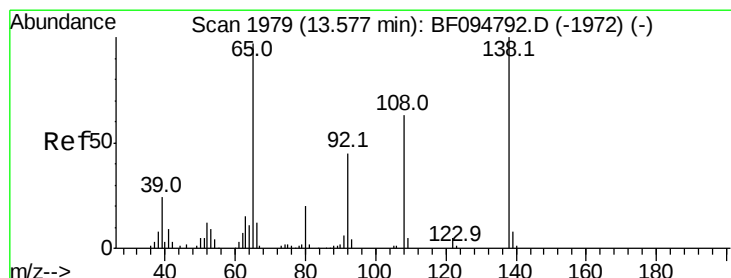
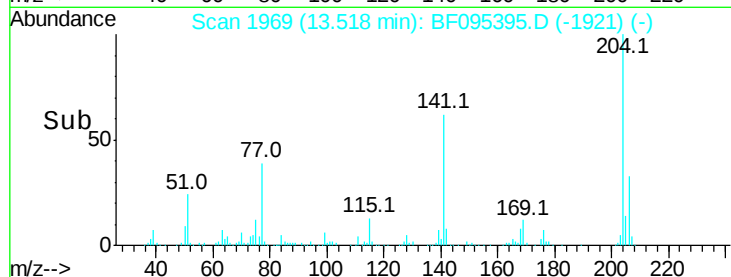
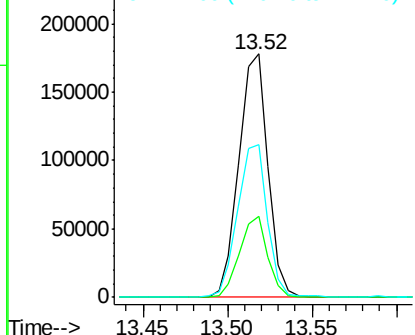
#60
4-Chlorophenyl-phenylether
Concen: 44.92 ng
RT: 13.52 min Scan# 1969
Delta R.T. -0.02 min
Lab File: BF095395.D
Acq: 24 May 2017 18:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 213262
Ion Ratio Lower Upper
204 100
206 33.4 26.2 39.2
141 62.7 60.8 91.2

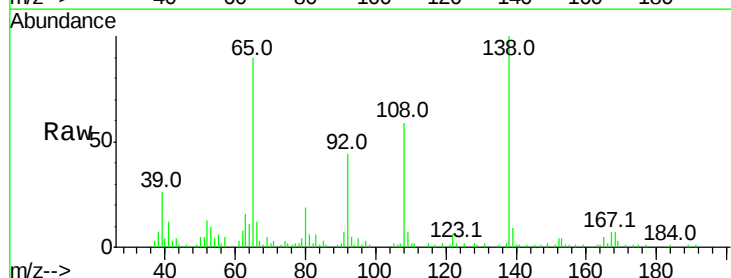


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

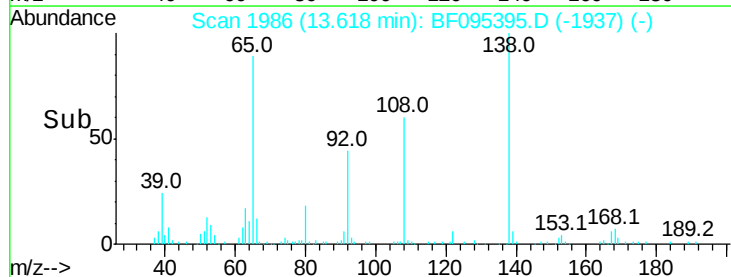
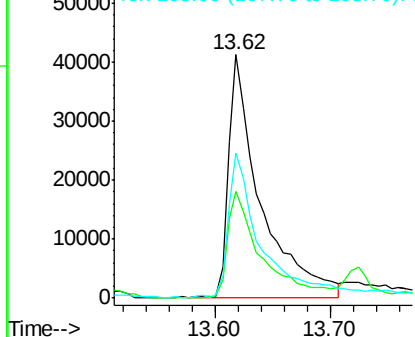


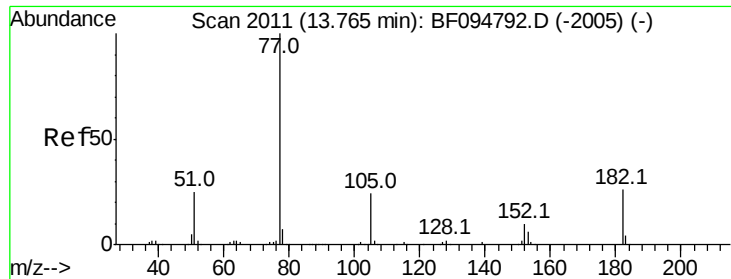
#61
4-Nitroaniline
Concen: 34.10 ng
RT: 13.62 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BF095395.D
Acq: 24 May 2017 18:27

Tgt Ion:138 Resp: 79438
Ion Ratio Lower Upper
138 100
92 43.7 21.8 61.8
108 59.5 42.3 82.3



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 48.54 ng

RT: 13.78 min Scan# 2013

Delta R.T. -0.02 min

Lab File: BF095395.D

Acq: 24 May 2017 18:27

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 433237

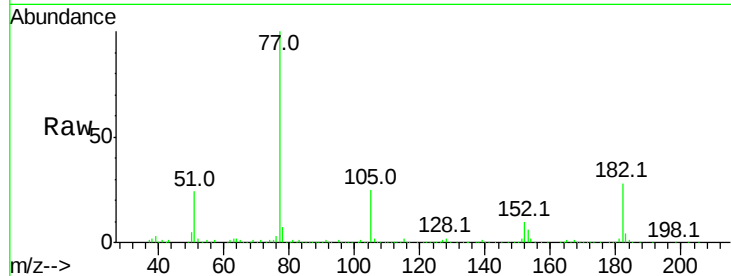
Ion Ratio Lower Upper

77 100

182 28.2 0.1 40.1

105 24.7 3.6 43.6

51 24.3 9.4 49.4

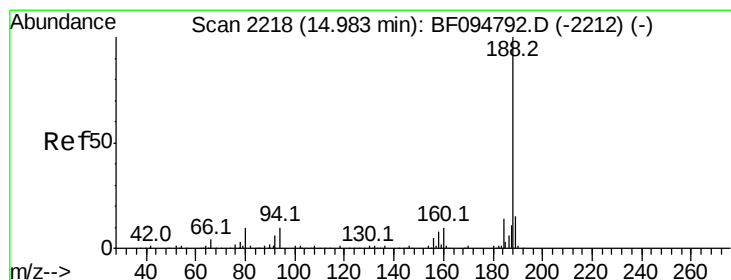
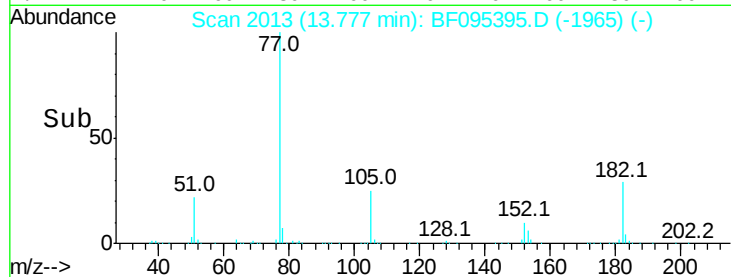
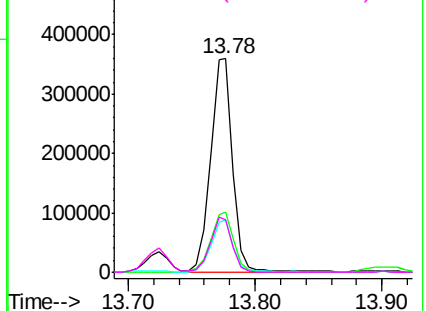


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 15.01 min Scan# 2222

Delta R.T. -0.02 min

Lab File: BF095395.D

Acq: 24 May 2017 18:27

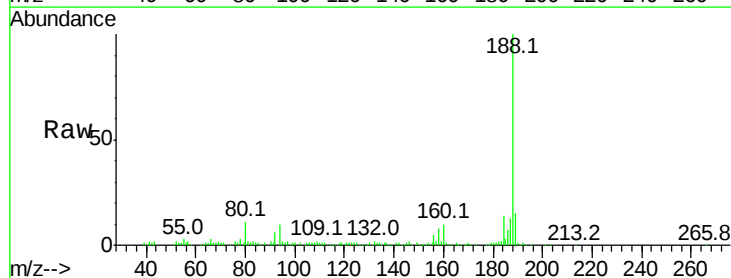
Tgt Ion: 188 Resp: 206010

Ion Ratio Lower Upper

188 100

94 10.4 9.4 14.2

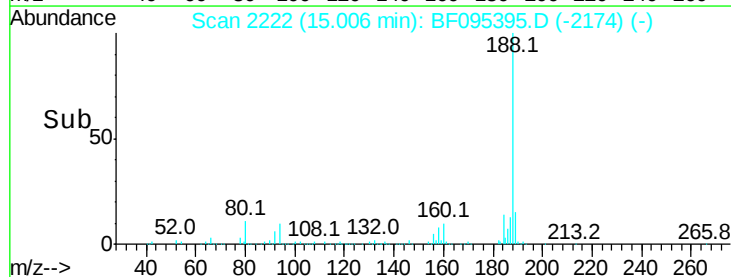
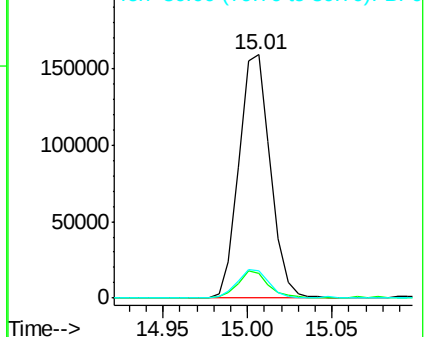
80 11.4 10.2 15.2

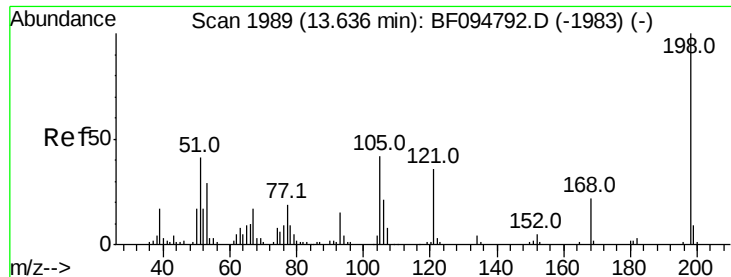


Abundance Ion 188.00 (187.70 to 188.70): BF0

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 5.30 ng

RT: 13.71 min Scan# 2002

Delta R.T. 0.02 min

Lab File: BF095395.D

Acq: 24 May 2017 18:27

Instrument :

BNA_F

ClientSampleId :

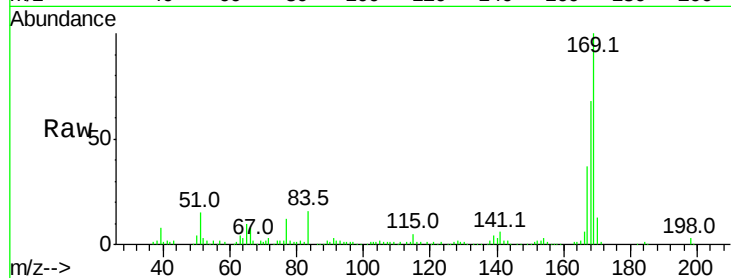
Tot Ion:198 Resp: 7322

Ion Ratio Lower Upper

198 100

51 516.7 53.2 93.2#

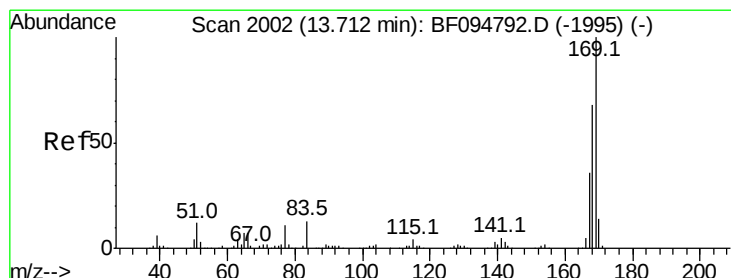
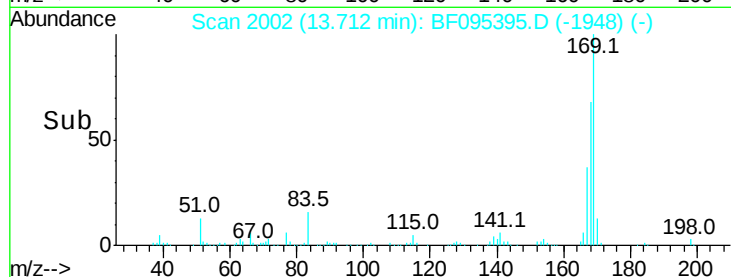
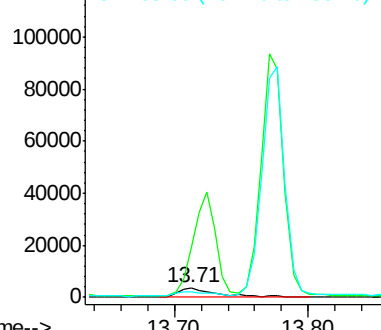
105 53.6 45.8 85.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 52.95 ng

RT: 13.72 min Scan# 2004

Delta R.T. -0.02 min

Lab File: BF095395.D

Acq: 24 May 2017 18:27

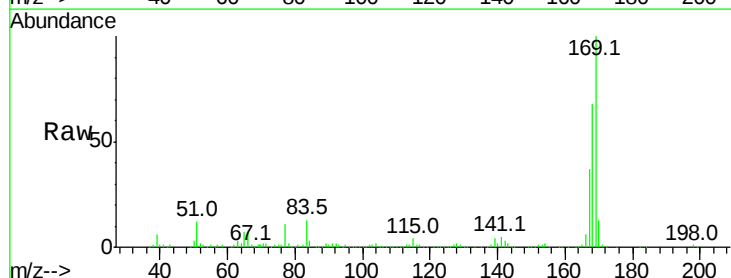
Tgt Ion:169 Resp: 395874

Ion Ratio Lower Upper

169 100

168 67.8 53.2 79.8

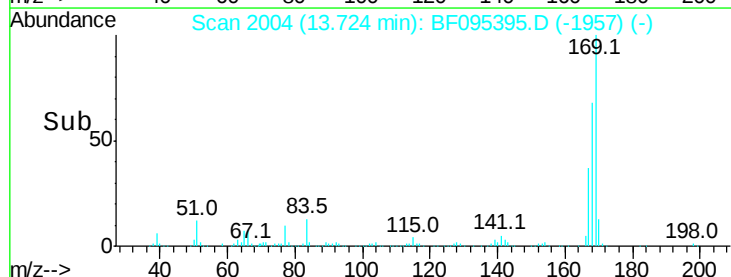
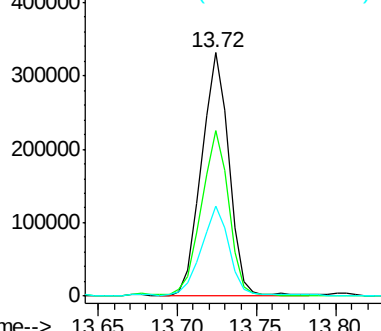
167 36.9 29.5 44.3

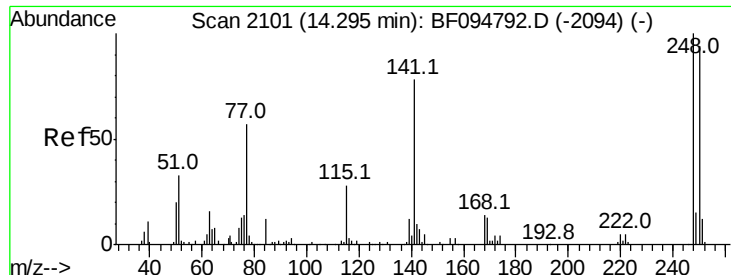


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

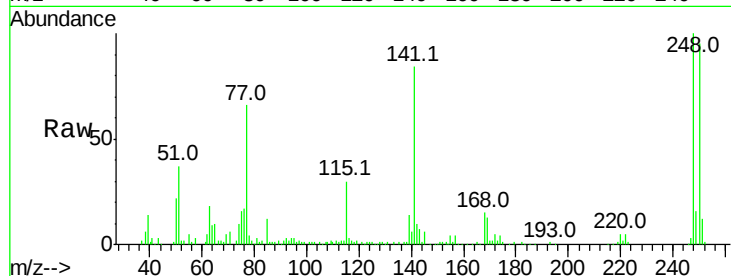




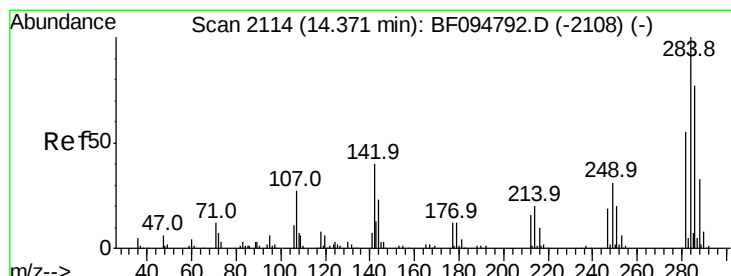
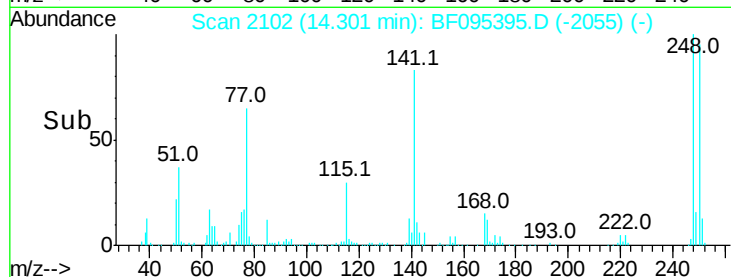
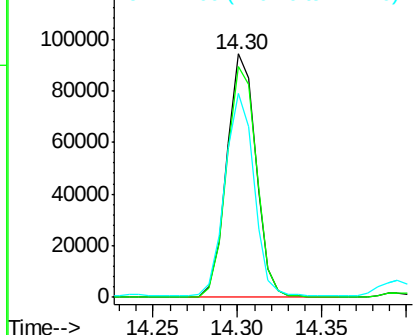
#66
 4-Bromophenyl-phenylether
 Concen: 51.86 ng
 RT: 14.30 min Scan# 2102
 Delta R.T. -0.02 min
 Lab File: BF095395.D
 Acq: 24 May 2017 18:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 112874
 Ion Ratio Lower Upper
 248 100
 250 94.7 76.8 115.2
 141 83.8 68.6 103.0

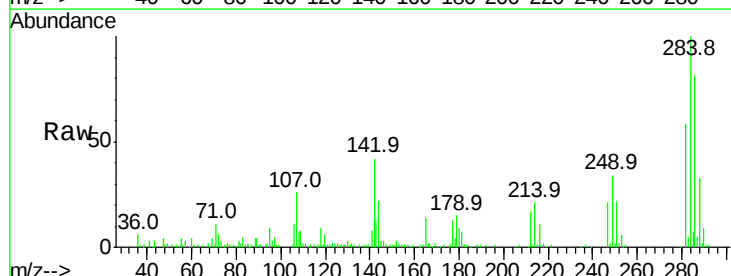


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

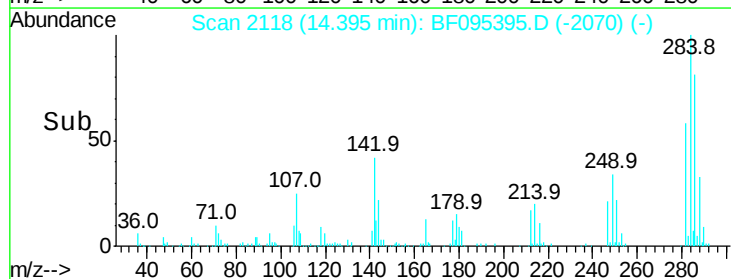
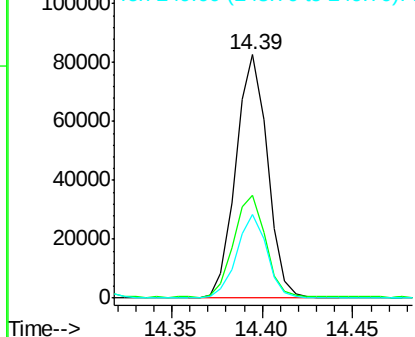


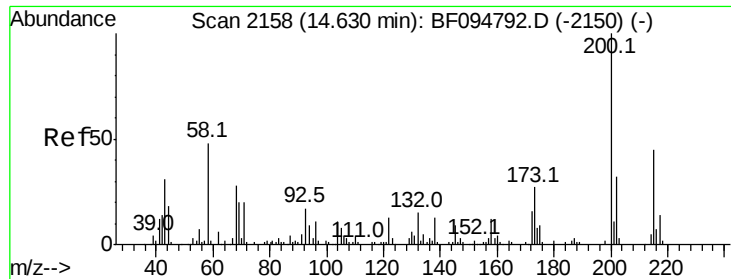
#67
 Hexachlorobenzene
 Concen: 45.03 ng
 RT: 14.39 min Scan# 2118
 Delta R.T. -0.02 min
 Lab File: BF095395.D
 Acq: 24 May 2017 18:27

Tgt Ion:284 Resp: 100435
 Ion Ratio Lower Upper
 284 100
 142 42.2 22.8 34.2#
 249 34.1 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

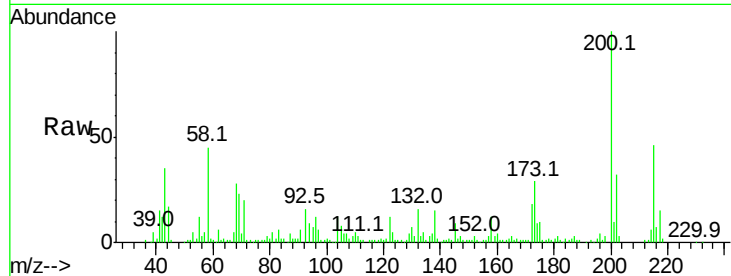




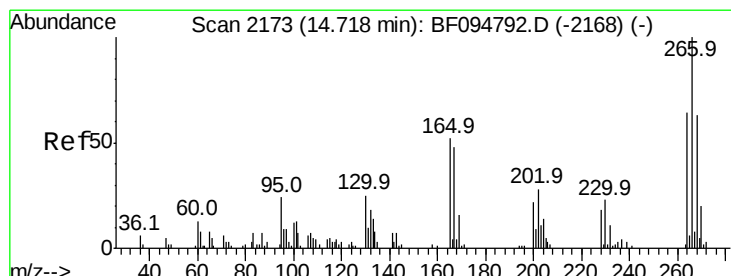
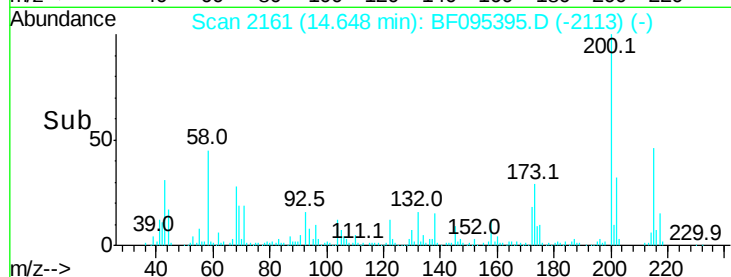
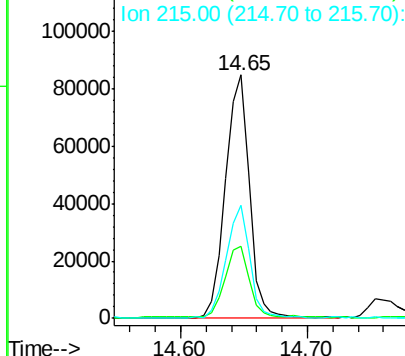
#68
 Atrazine
 Concen: 52.78 ng
 RT: 14.65 min Scan# 2161
 Delta R.T. -0.02 min
 Lab File: BF095395.D
 Acq: 24 May 2017 18:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	29.4	6.3	46.3
215	46.2	27.2	67.2

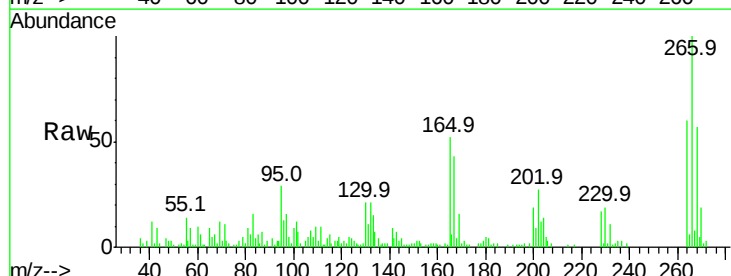


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

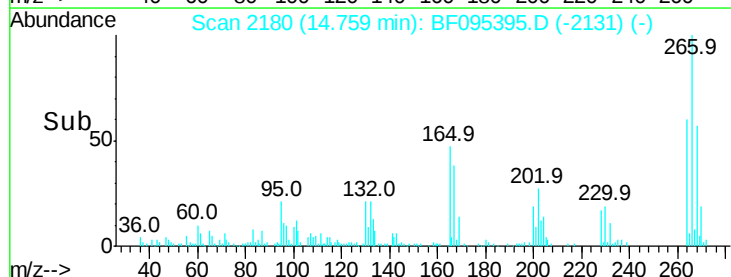
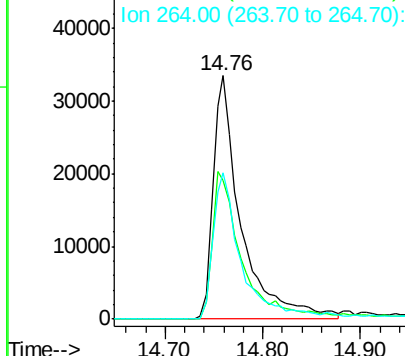


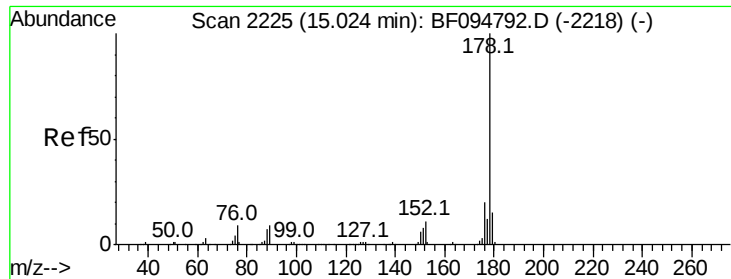
#69
 Pentachlorophenol
 Concen: 66.41 ng
 RT: 14.76 min Scan# 2180
 Delta R.T. -0.01 min
 Lab File: BF095395.D
 Acq: 24 May 2017 18:27

Tgt Ion	Ratio	Lower	Upper
266	100		
268	56.8	51.1	76.7
264	60.3	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: 105.20 ng

RT: 15.05 min Scan# 2229

Delta R.T. -0.02 min

Lab File: BF095395.D

Acq: 24 May 2017 18:27

Instrument :

BNA_F

ClientSampleId :

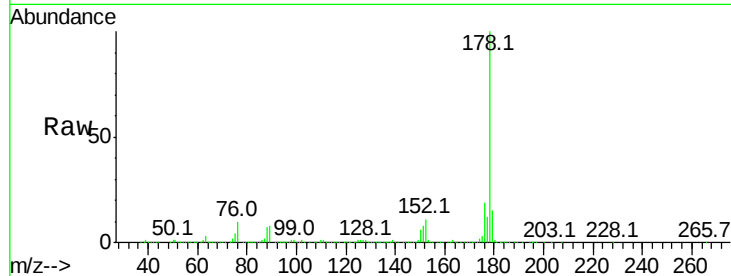
Tot Ion:178 Resp: 1245174

Ion Ratio Lower Upper

178 100

176 19.3 16.2 24.4

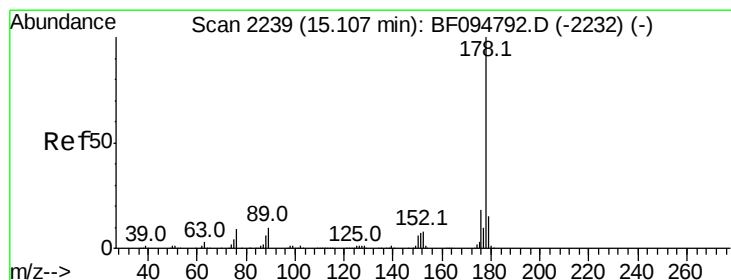
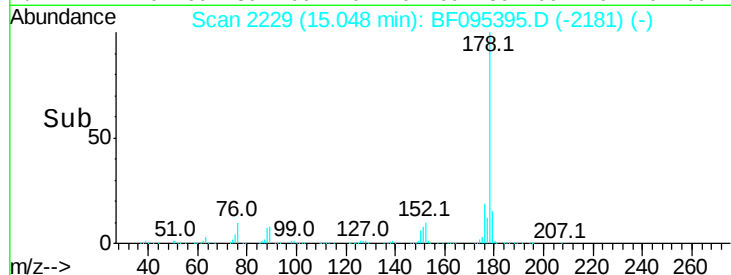
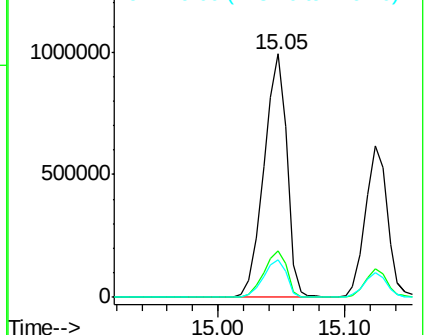
179 15.3 12.6 19.0



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: 61.24 ng

RT: 15.12 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BF095395.D

Acq: 24 May 2017 18:27

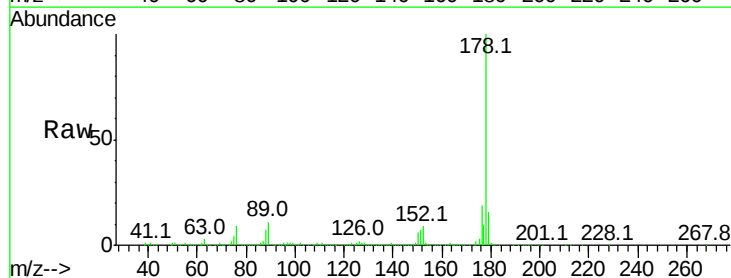
Tgt Ion:178 Resp: 740442

Ion Ratio Lower Upper

178 100

176 18.8 15.8 23.8

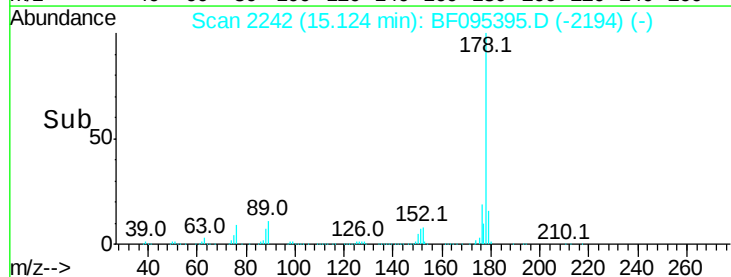
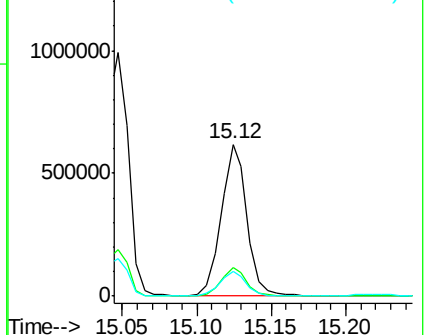
179 16.2 12.7 19.1

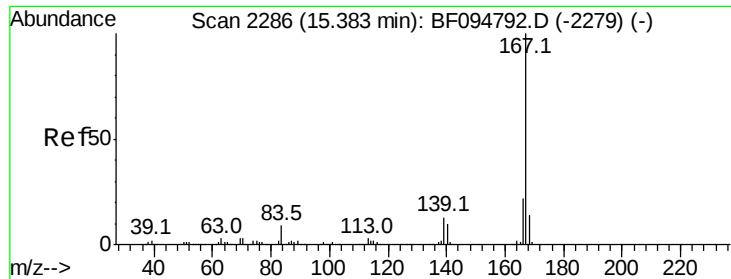


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 53.63 ng

RT: 15.41 min Scan# 2291

Delta R.T. -0.01 min

Lab File: BF095395.D

Acq: 24 May 2017 18:27

Instrument :

BNA_F

ClientSampled :

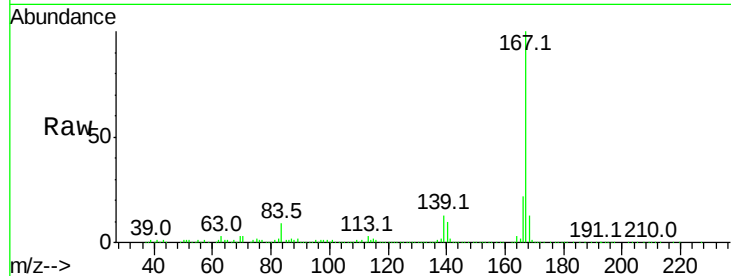
Tot Ion:167 Resp: 590005

Ion Ratio Lower Upper

167 100

166 22.3 18.1 27.1

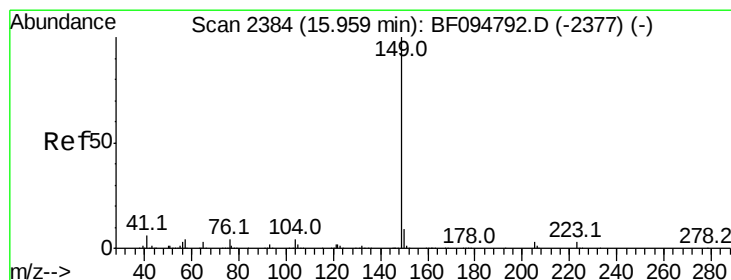
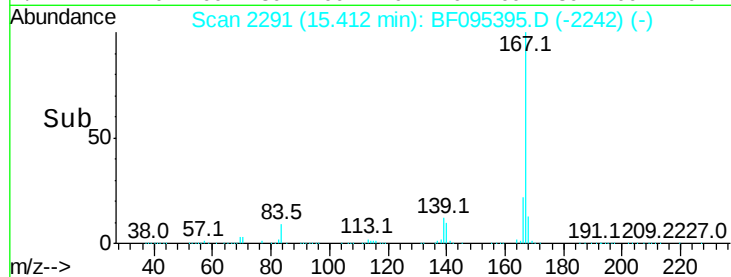
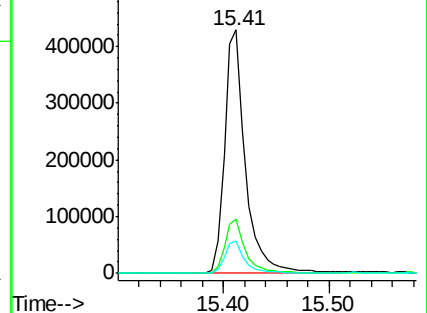
139 13.3 11.7 17.5



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 48.81 ng

RT: 15.97 min Scan# 2385

Delta R.T. -0.02 min

Lab File: BF095395.D

Acq: 24 May 2017 18:27

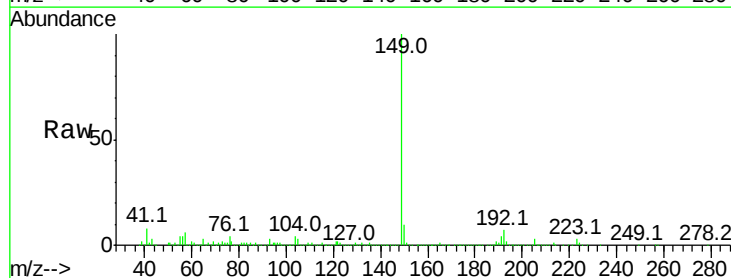
Tgt Ion:149 Resp: 669581

Ion Ratio Lower Upper

149 100

150 9.7 7.7 11.5

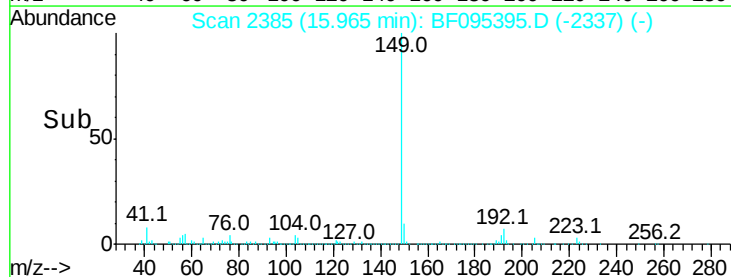
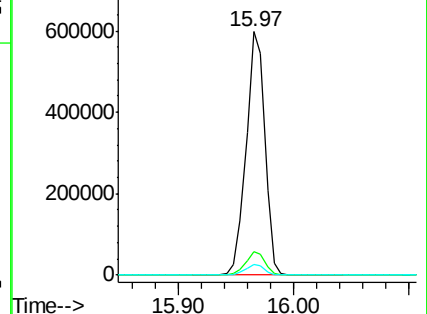
104 4.4 4.0 6.0

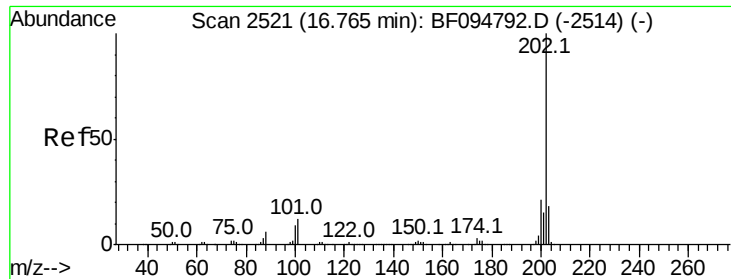


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 132.85 ng

RT: 16.79 min Scan# 2526

Delta R.T. -0.01 min

Lab File: BF095395.D

Acq: 24 May 2017 18:27

Instrument :

BNA_F

ClientSampleId :

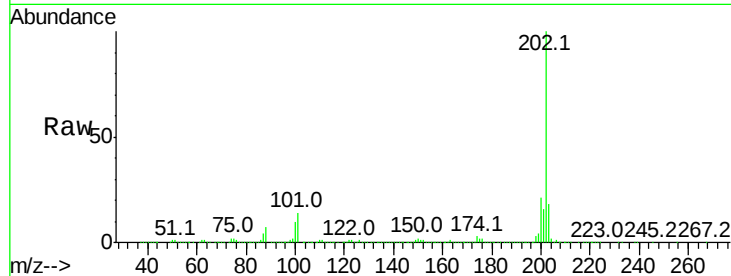
Tot Ion:202 Resp: 1613069

Ion Ratio Lower Upper

202 100

101 14.0 0.0 33.2

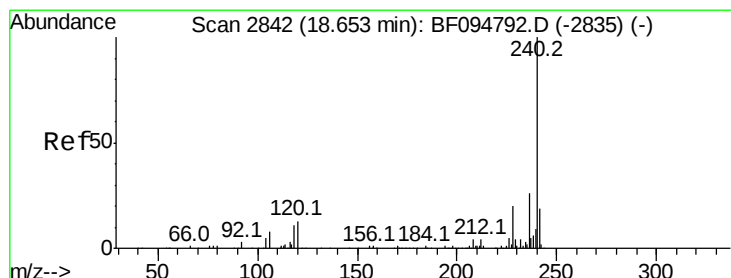
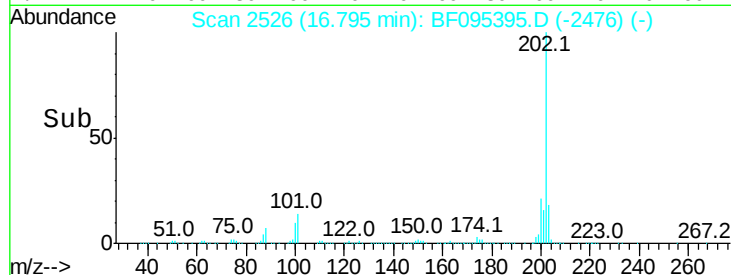
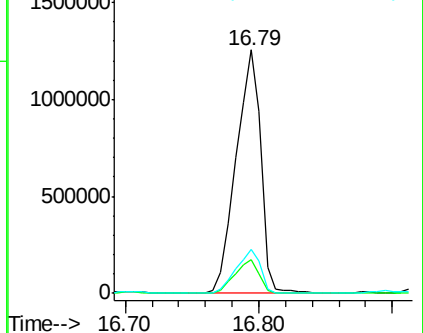
203 17.9 0.0 38.1



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.69 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BF095395.D

Acq: 24 May 2017 18:27

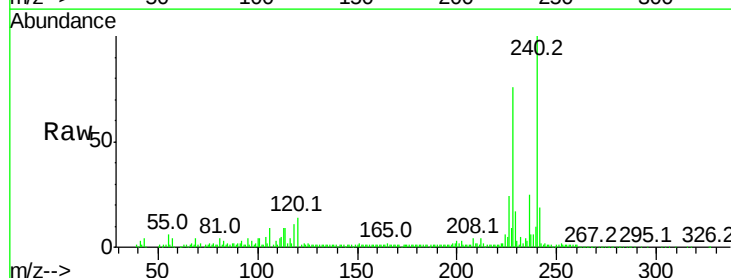
Tgt Ion:240 Resp: 176481

Ion Ratio Lower Upper

240 100

120 13.7 5.8 8.8#

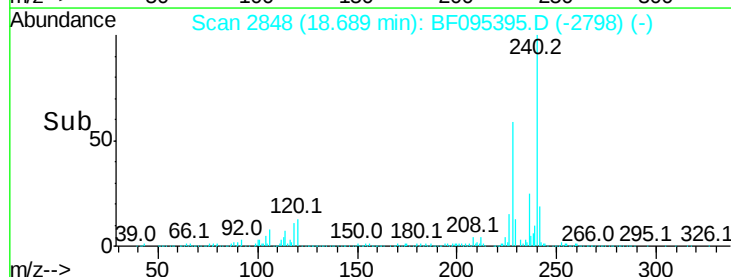
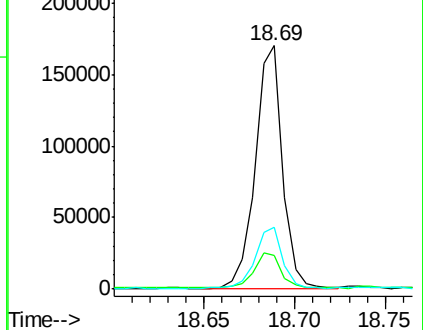
236 25.2 20.5 30.7

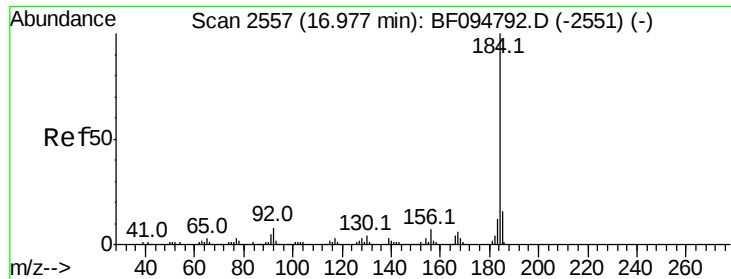


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 11.05 ng

RT: 17.03 min Scan# 2566

Delta R.T. 0.01 min

Lab File: BF095395.D

Acq: 24 May 2017 18:27

Instrument :

BNA_F

ClientSampled :

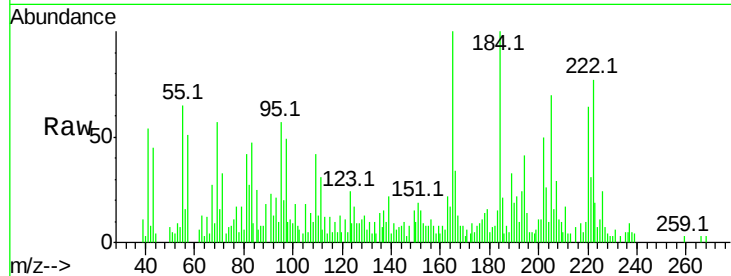
Tot Ion:184 Resp: 24701

Ion Ratio Lower Upper

184 100

185 20.7 15.5 23.3

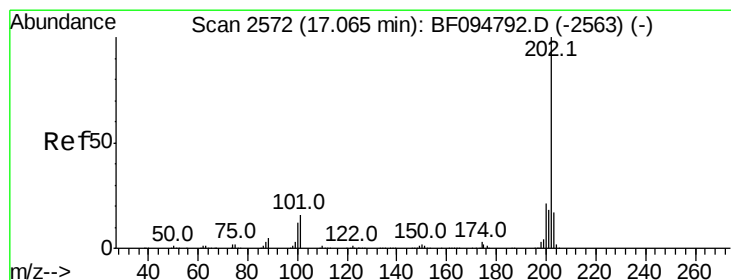
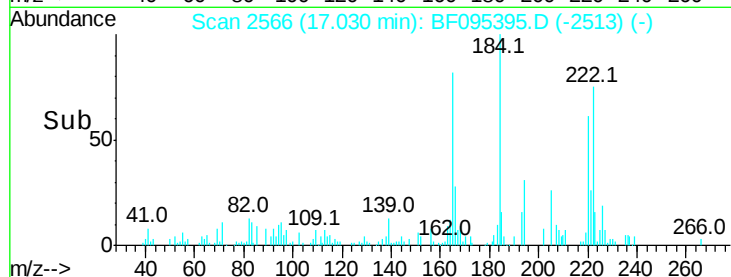
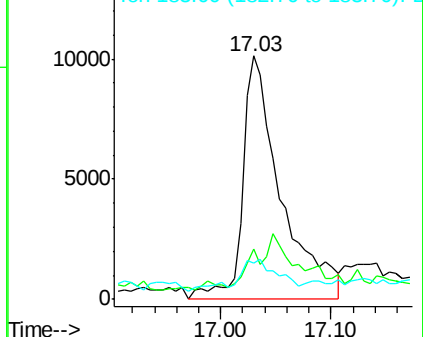
183 14.9 9.8 14.6#



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

Pyrene

Concen: 124.49 ng

RT: 17.10 min Scan# 2578

Delta R.T. -0.01 min

Lab File: BF095395.D

Acq: 24 May 2017 18:27

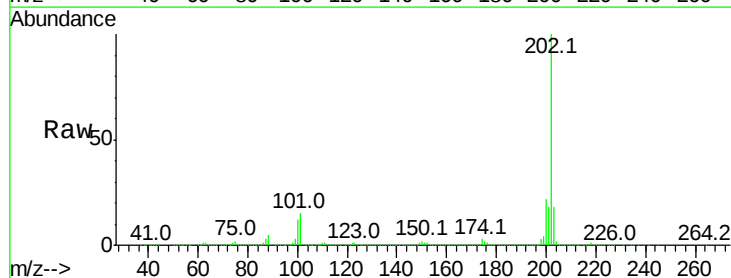
Tgt Ion:202 Resp: 1643069

Ion Ratio Lower Upper

202 100

200 21.6 17.6 26.4

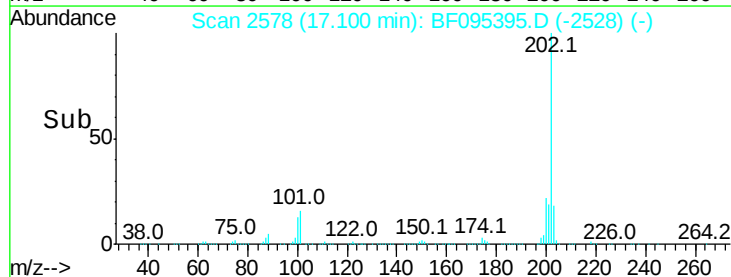
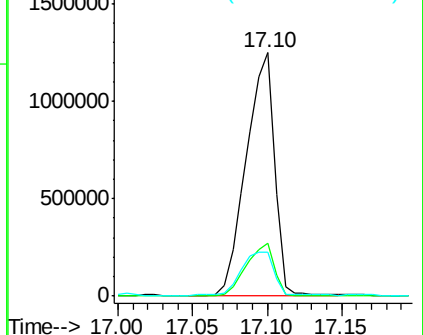
203 17.8 14.4 21.6

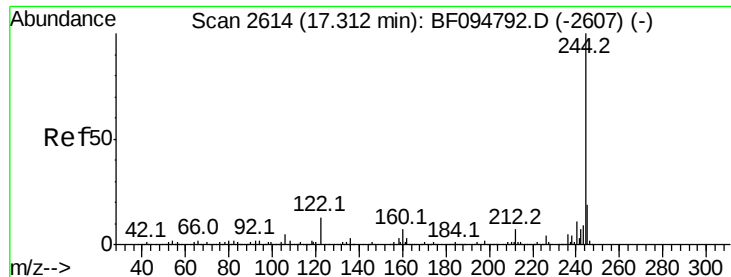


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 85.76 ng

RT: 17.32 min Scan# 2616

Delta R.T. -0.02 min

Lab File: BF095395.D

Acq: 24 May 2017 18:27

Instrument :

BNA_F

ClientSampleId :

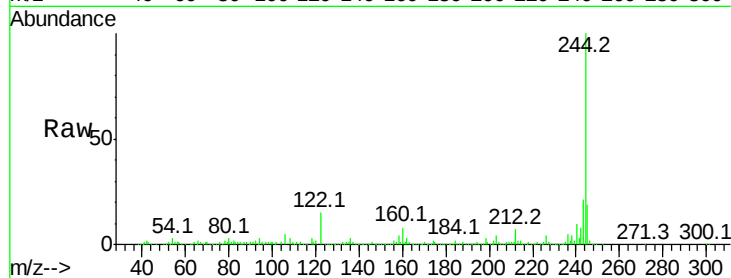
Tot Ion:244 Resp: 687132

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

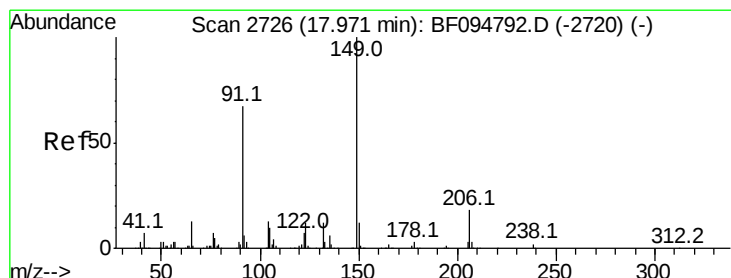
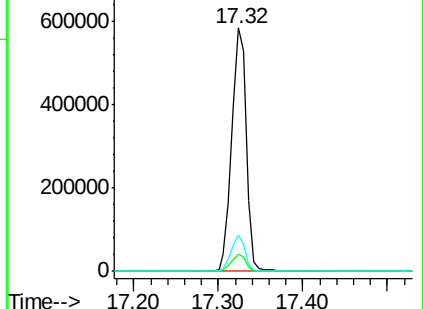
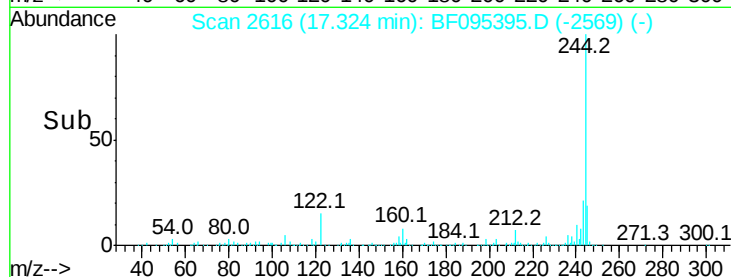
122 14.7 10.3 15.5



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: 46.92 ng

RT: 17.98 min Scan# 2728

Delta R.T. -0.02 min

Lab File: BF095395.D

Acq: 24 May 2017 18:27

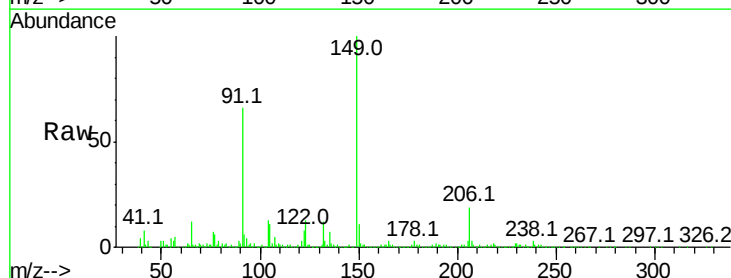
Tgt Ion:149 Resp: 288056

Ion Ratio Lower Upper

149 100

91 66.5 45.0 67.4

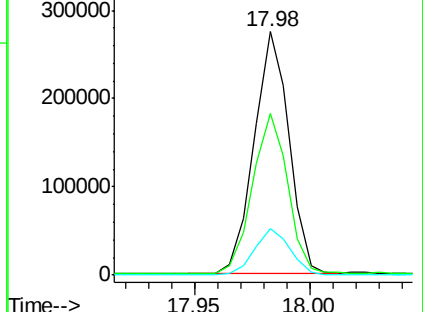
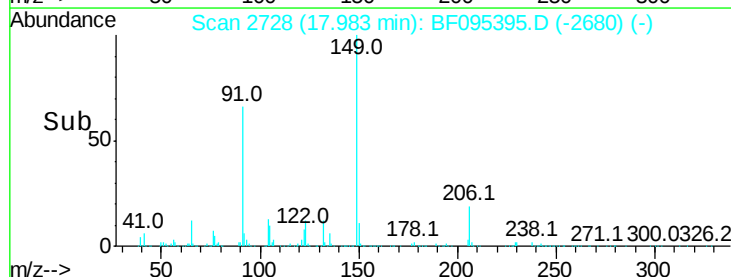
206 18.9 17.0 25.6

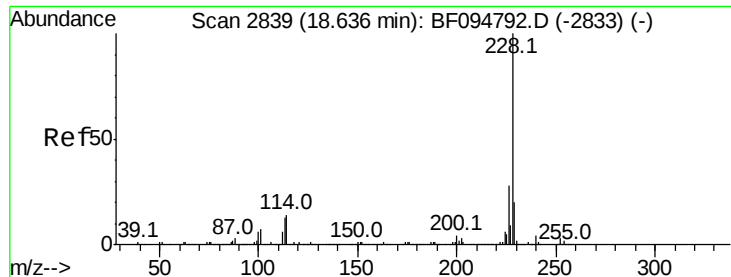


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 97.92 ng

RT: 18.68 min Scan# 2846

Delta R.T. -0.01 min

Lab File: BF095395.D

Acq: 24 May 2017 18:27

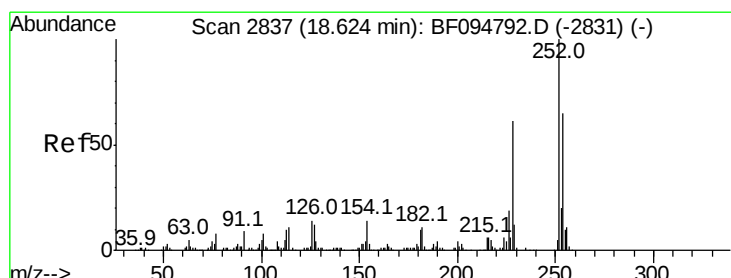
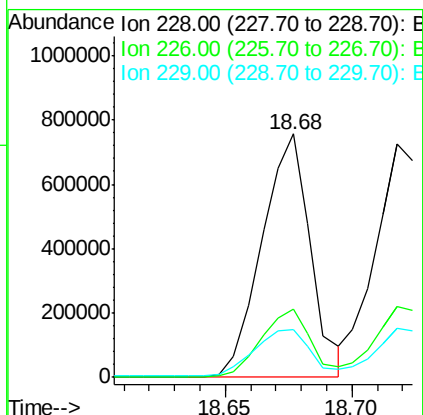
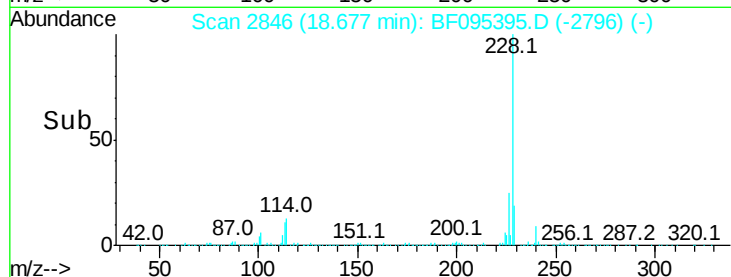
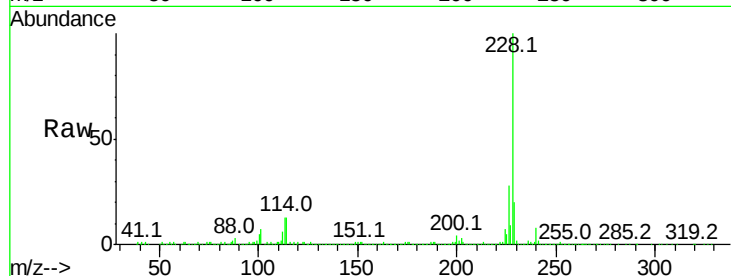
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1005727

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	19.8	16.3	24.5



#81

3,3'-Dichlorobenzidine

Concen: 29.99 ng

RT: 18.65 min Scan# 2841

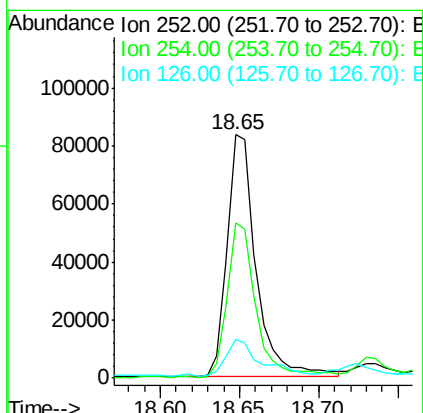
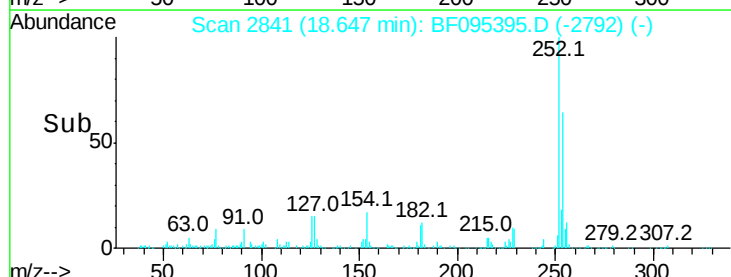
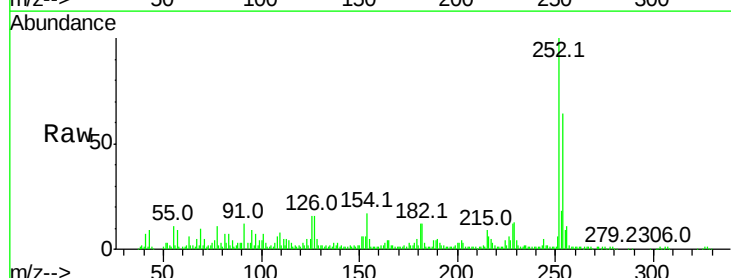
Delta R.T. -0.01 min

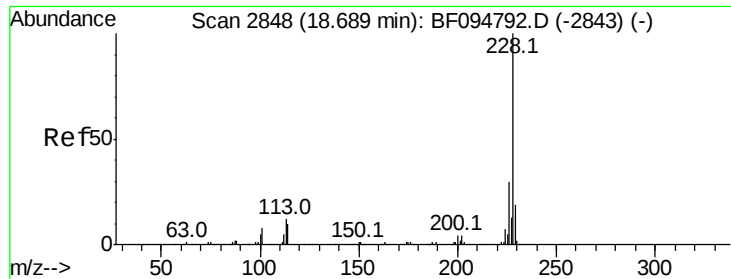
Lab File: BF095395.D

Acq: 24 May 2017 18:27

Tgt Ion:252 Resp: 106380

Ion	Ratio	Lower	Upper
252	100		
254	63.8	51.5	77.3
126	16.1	15.8	23.8





#82

Chrysene

Concen: 91.40 ng

RT: 18.72 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BF095395.D

Acq: 24 May 2017 18:27

Instrument :

BNA_F

ClientSampleId :

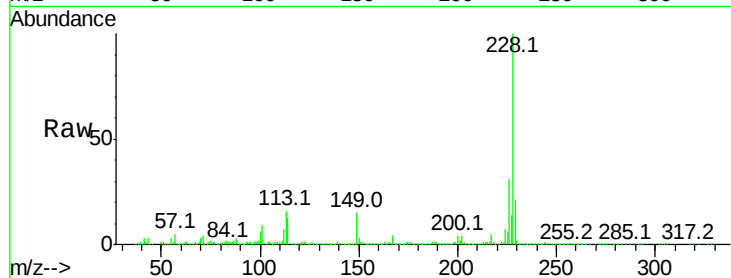
Tot Ion:228 Resp: 907744

Ion Ratio Lower Upper

228 100

226 30.7 24.9 37.3

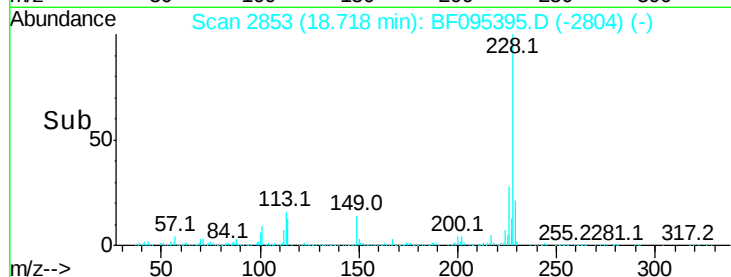
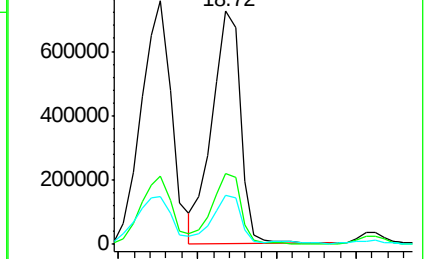
229 21.1 15.8 23.6



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 47.41 ng

RT: 18.73 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BF095395.D

Acq: 24 May 2017 18:27

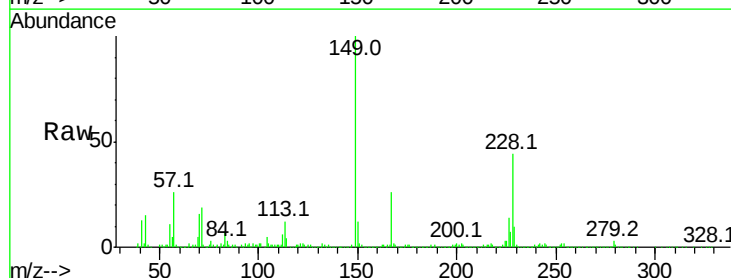
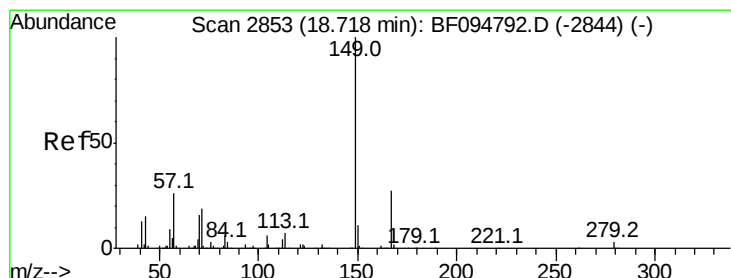
Tgt Ion:149 Resp: 414683

Ion Ratio Lower Upper

149 100

167 25.9 21.0 31.4

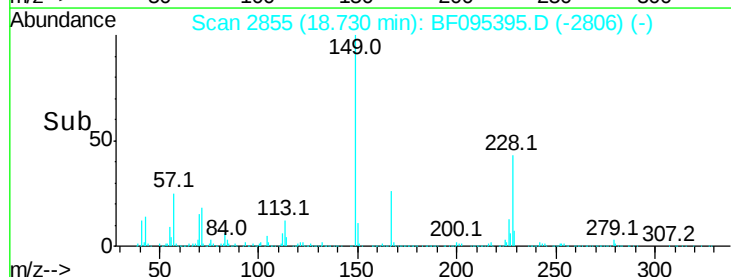
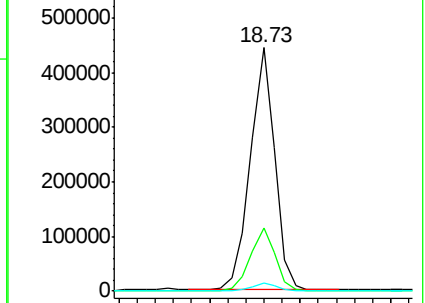
279 3.1 1.9 2.9#

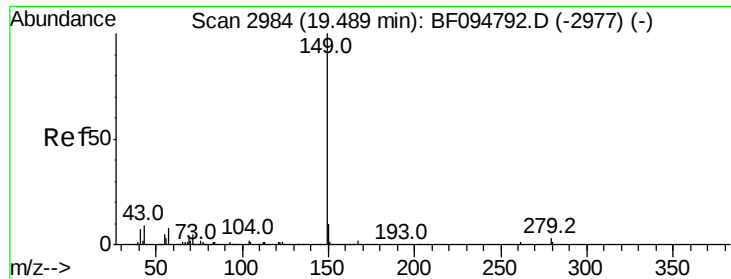


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 48.52 ng

RT: 19.50 min Scan# 2986

Delta R.T. -0.01 min

Lab File: BF095395.D

Acq: 24 May 2017 18:27

Instrument :

BNA_F

ClientSampleId :

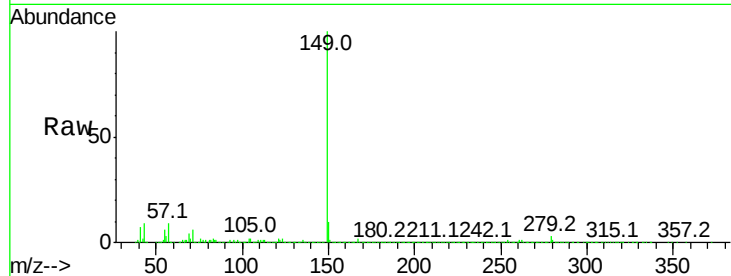
Tot Ion:149 Resp: 695843

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

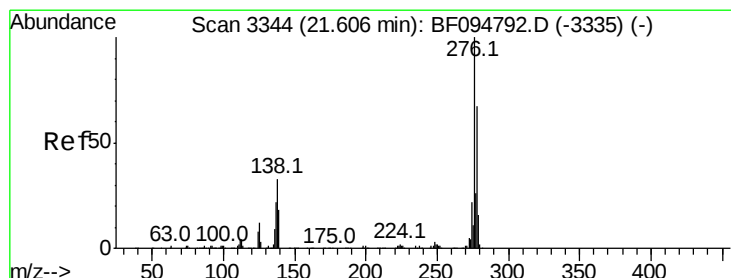
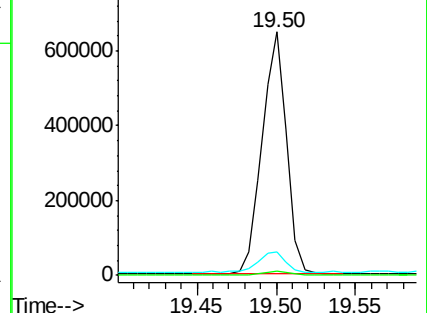
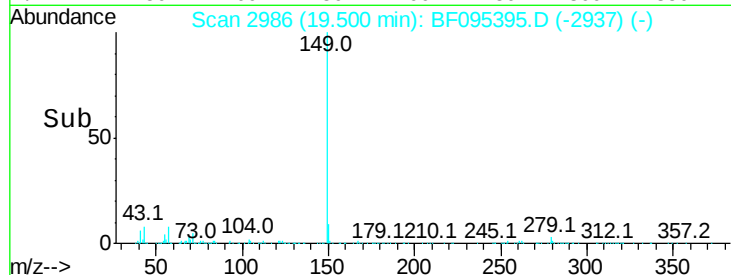
43 9.2 8.5 12.7



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: 59.09 ng

RT: 21.70 min Scan# 3360

Delta R.T. -0.00 min

Lab File: BF095395.D

Acq: 24 May 2017 18:27

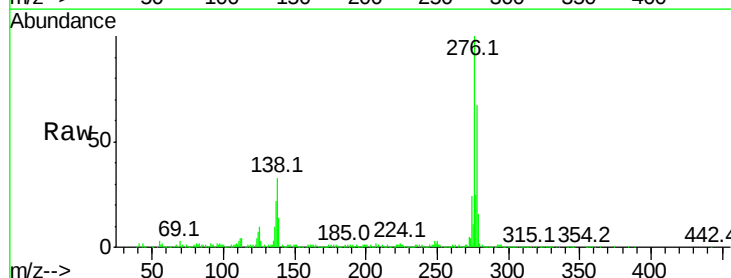
Tgt Ion:276 Resp: 476549

Ion Ratio Lower Upper

276 100

138 32.8 27.8 41.6

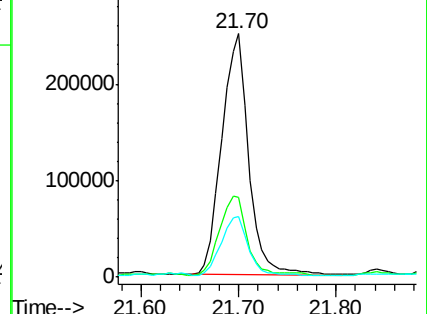
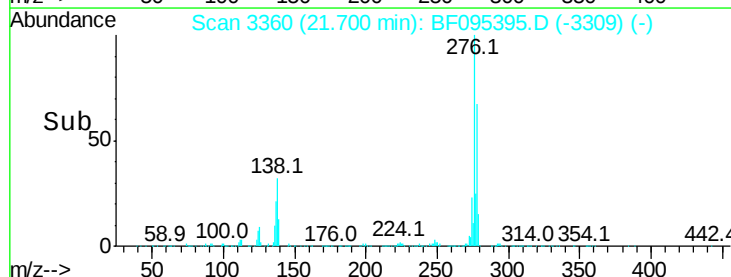
277 25.2 20.2 30.4

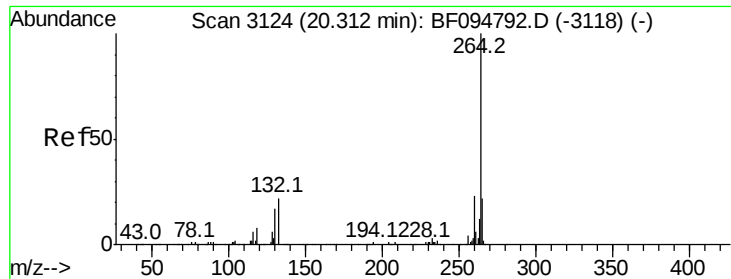


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

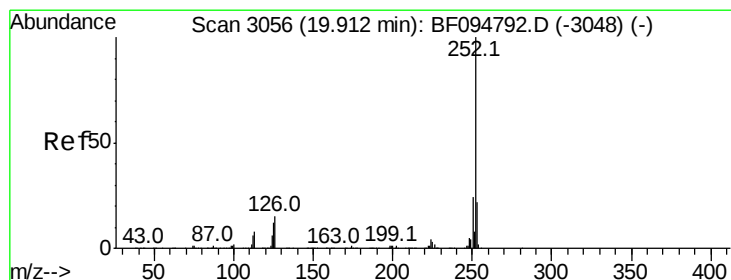
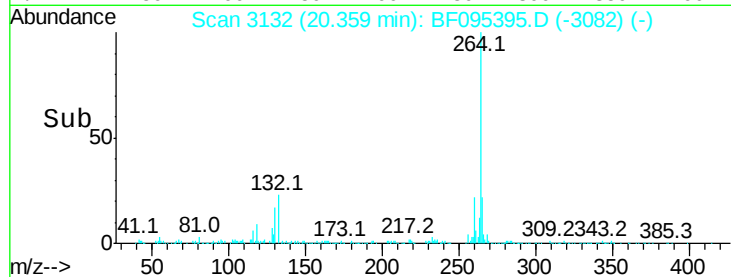
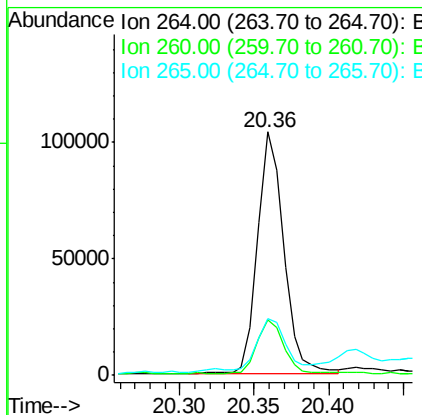
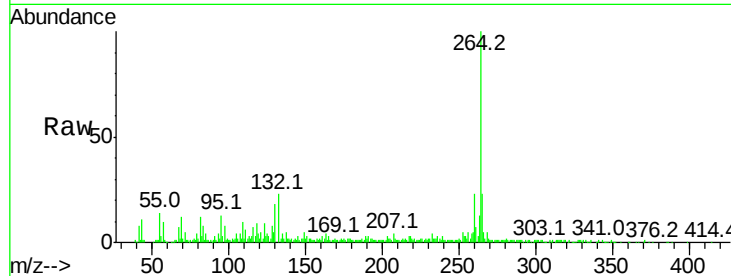




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.36 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BF095395.D
Acq: 24 May 2017 18:27

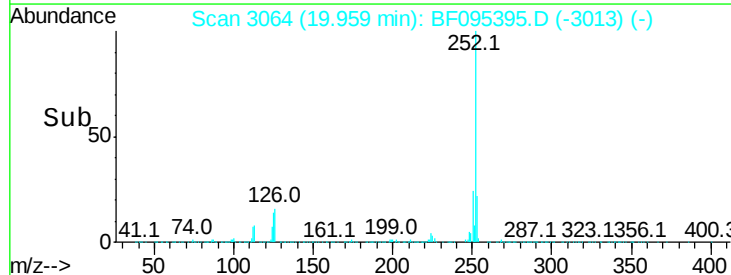
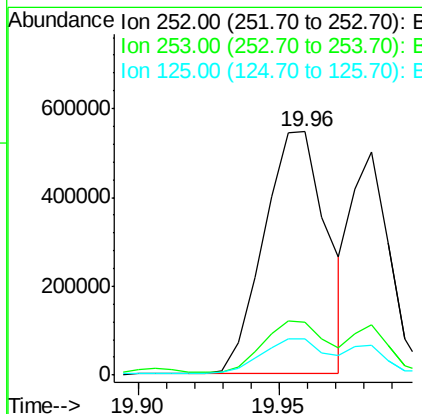
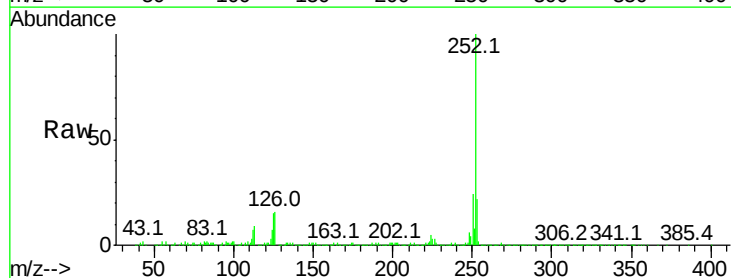
Instrument :
BNA_F
ClientSampleId :

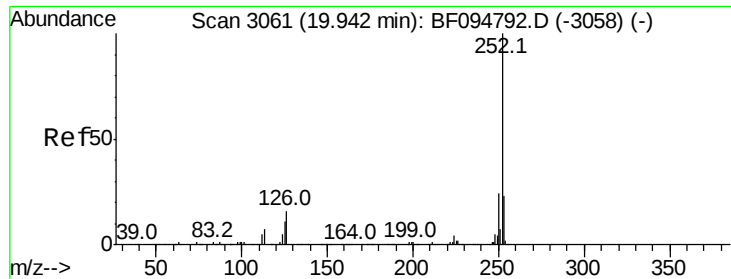
Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.5	29.3
265	23.3	17.2	25.8



#87
Benzo(b)fluoranthene
Concen: 107.09 ng
RT: 19.96 min Scan# 3064
Delta R.T. -0.00 min
Lab File: BF095395.D
Acq: 24 May 2017 18:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	14.6	9.8	14.8

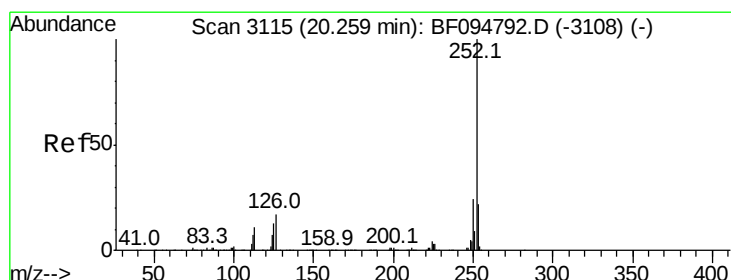
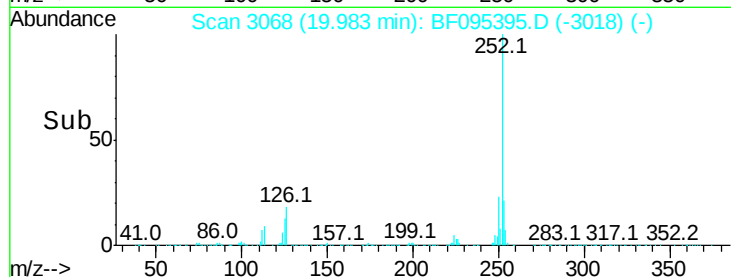
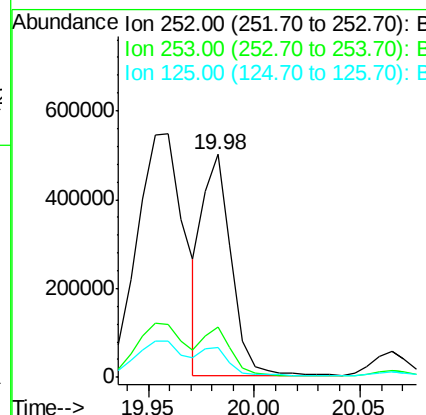
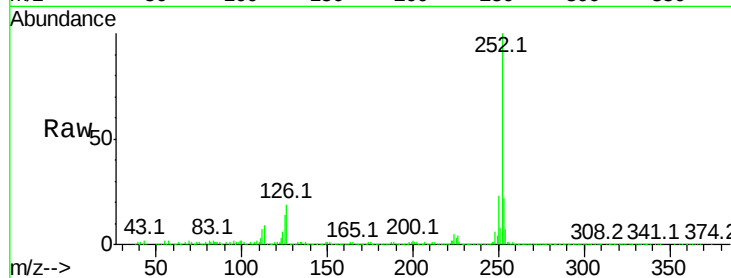




#88
Benzo(k)fluoranthene
Concen: 62.22 ng
RT: 19.98 min Scan# 3068
Delta R.T. -0.01 min
Lab File: BF095395.D
Acq: 24 May 2017 18:27

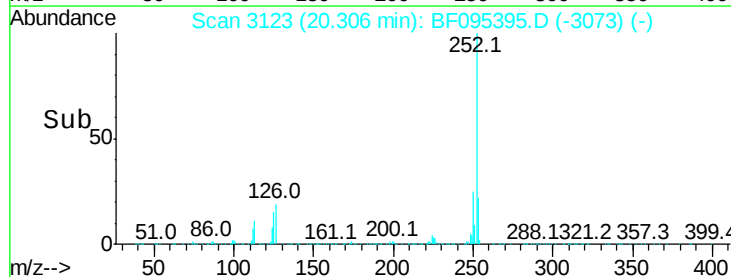
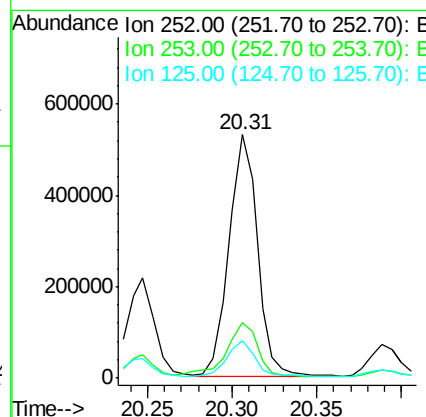
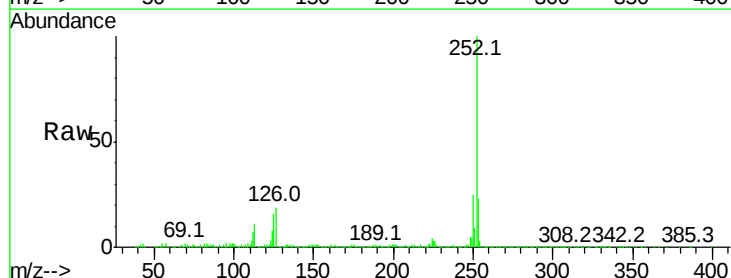
Instrument :
BNA_F
ClientSampleId :

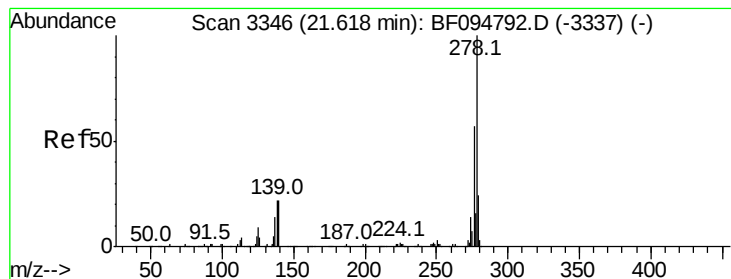
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.4	27.6
125	13.6	13.1	19.7



#89
Benzo(a)pyrene
Concen: 86.03 ng
RT: 20.31 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BF095395.D
Acq: 24 May 2017 18:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	15.6	11.0	16.4





#90

Dibenzo(a,h)anthracene

Concen: 50.14 ng

RT: 21.70 min Scan# 3360

Delta R.T. -0.00 min

Lab File: BF095395.D

Acq: 24 May 2017 18:27

Instrument :

BNA_F

ClientSampleId :

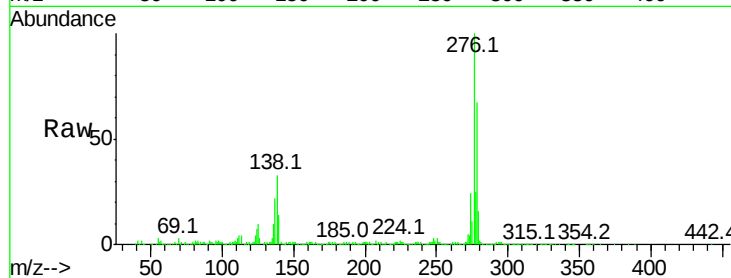
Tot Ion:278 Resp: 301398

Ion Ratio Lower Upper

278 100

139 20.4 16.6 24.8

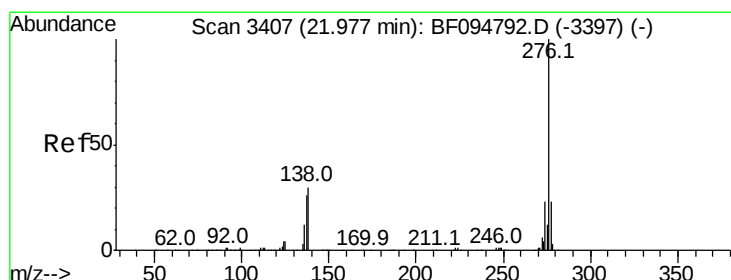
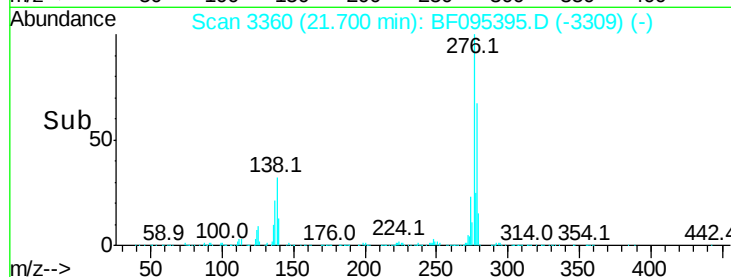
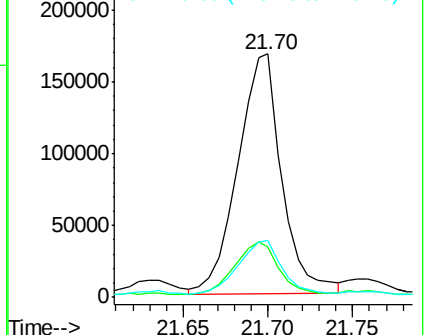
279 23.5 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 78.84 ng

RT: 22.08 min Scan# 3425

Delta R.T. -0.00 min

Lab File: BF095395.D

Acq: 24 May 2017 18:27

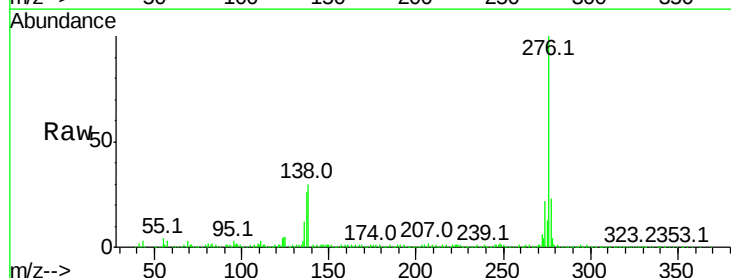
Tgt Ion:276 Resp: 465046

Ion Ratio Lower Upper

276 100

277 23.4 18.6 28.0

138 29.6 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

