

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
 Data File : BF095776.D
 Acq On : 8 Jun 2017 11:16
 Operator : SJ/MA
 Sample : PB99561BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 08 11:49:56 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 08 11:19:45 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	62562	20.00	ng	0.00
21) Naphthalene-d8	9.40	136	257552	20.00	ng	0.00
38) Acenaphthene-d10	12.23	164	119590	20.00	ng	0.00
63) Phenanthrene-d10	14.62	188	220147	20.00	ng	0.00
75) Chrysene-d12	18.34	240	171995	20.00	ng	0.00
86) Perylene-d12	20.00	264	129748	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	513190	130.71	ng	0.02
7) Phenol-d6	6.94	99	610712	129.93	ng	0.00
23) Nitrobenzene-d5	8.29	82	353437	85.23	ng	0.00
41) 2,4,6-Tribromophenol	13.53	330	133429	126.10	ng	0.00
44) 2-Fluorobiphenyl	11.19	172	729573	84.89	ng	0.00
78) Terphenyl-d14	17.00	244	633951	91.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.77	88	62816	33.63	ng	94
3) Pyridine	2.32	79	152780	34.80	ng	96
4) n-Nitrosodimethylamine	2.28	42	70386	42.18	ng	# 77
6) Aniline	6.86	93	149567	24.32	ng	95
8) 2-Chlorophenol	7.05	128	186454	44.66	ng	95
9) Benzaldehyde	6.67	77	81203	25.61	ng	97
10) Phenol	6.95	94	226541	46.46	ng	90
11) bis(2-Chloroethyl)ether	7.01	93	163636	42.36	ng	97
12) 1,3-Dichlorobenzene	7.27	146	192481	40.74	ng	99
13) 1,4-Dichlorobenzene	7.39	146	195821	40.87	ng	97
14) 1,2-Dichlorobenzene	7.63	146	185312	41.95	ng	94
15) Benzyl Alcohol	7.67	79	148479	46.02	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.87	45	228064	42.03	ng	95
17) 2-Methylphenol	7.90	107	154389	44.07	ng	95
18) Hexachloroethane	8.15	117	65647	41.48	ng	# 87
19) n-Nitroso-di-n-propylamine	8.10	70	127879	42.93	ng	95
20) 3+4-Methylphenols	8.16	107	204047	45.88	ng	# 58
22) Acetophenone	8.06	105	257728	42.75	ng	# 83
24) Nitrobenzene	8.32	77	180008	40.63	ng	92
25) Isophorone	8.72	82	327174	42.25	ng	97
26) 2-Nitrophenol	8.83	139	102131	44.03	ng	98
27) 2,4-Dimethylphenol	8.98	122	166676	46.30	ng	98
28) bis(2-Chloroethoxy)methane	9.10	93	211933	41.52	ng	100
29) 2,4-Dichlorophenol	9.25	162	158528	45.72	ng	98
30) 1,2,4-Trichlorobenzene	9.33	180	151078	41.88	ng	98
31) Naphthalene	9.43	128	531857	41.15	ng	98
32) Benzoic acid	9.32	122	91189	41.33	ng	86
33) 4-Chloroaniline	9.59	127	105399	20.86	ng	93
34) Hexachlorobutadiene	9.66	225	76529	41.05	ng	97
35) Caprolactam	10.22	113	24849	24.09	ng	# 81
36) 4-Chloro-3-methylphenol	10.46	107	165696	45.65	ng	91
37) 2-Methylnaphthalene	10.56	142	367153	42.04	ng	97
39) 1,2,4,5-Tetrachlorobenzene	10.85	216	145320	40.60	ng	99
40) Hexachlorocyclopentadiene	10.82	237	93774	83.08	ng	99

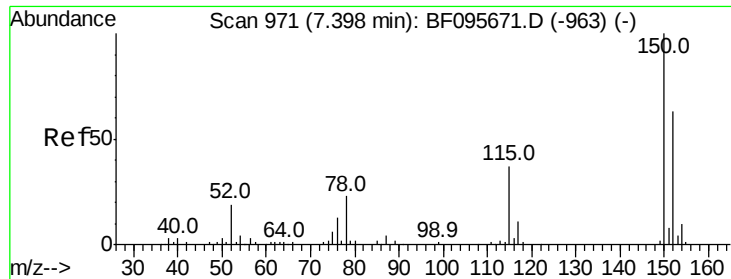
Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 08 11:19:45 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.07	196	103948	45.17	nq	97
43) 2,4,5-Trichlorophenol	11.16	196	103539	42.30	nq	# 91
45) 1,1'-Biphenyl	11.33	154	418600	42.47	nq	96
46) 2-Chloronaphthalene	11.35	162	323663	42.03	nq	96
47) 2-Nitroaniline	11.56	65	95406	42.33	nq	# 78
48) Acenaphthylene	12.00	152	523277	39.74	nq	98
49) Dimethylphthalate	11.89	163	393982	43.39	nq	98
50) 2,6-Dinitrotoluene	11.98	165	85247	43.04	nq	# 85
51) Acenaphthene	12.28	154	310088	40.77	nq	99
52) 3-Nitroaniline	12.24	138	60161	26.07	nq	92
53) 2,4-Dinitrophenol	12.46	184	80943	72.81	nq	# 63
54) Dibenzofuran	12.57	168	476926	44.55	nq	98
55) 4-Nitrophenol	12.64	139	108677	80.63	nq	# 75
56) 2,4-Dinitrotoluene	12.65	165	115888	43.32	nq	# 89
57) Fluorene	13.12	166	379349	40.72	nq	99
58) 2,3,4,6-Tetrachlorophenol	12.82	232	81933	48.92	nq	# 89
59) Diethylphthalate	13.04	149	380077	43.49	nq	99
60) 4-Chlorophenyl-phenylether	13.15	204	169903	41.94	nq	88
61) 4-Nitroaniline	13.24	138	89064	41.34	nq	96
62) Azobenzene	13.40	77	348722	44.03	nq	94
64) 4,6-Dinitro-2-methylphenol	13.32	198	56254	38.88	nq	# 70
65) n-Nitrosodiphenylamine	13.36	169	331115	41.86	nq	100
66) 4-Bromophenyl-phenylether	13.93	248	97007	42.40	nq	99
67) Hexachlorobenzene	14.02	284	96119	42.63	nq	# 91
68) Atrazine	14.29	200	96772	43.96	nq	93
69) Pentachlorophenol	14.37	266	66378	77.84	nq	95
70) Phenanthrene	14.66	178	540112	42.52	nq	98
71) Anthracene	14.74	178	554885	41.84	nq	98
72) Carbazole	15.04	167	506293	39.18	nq	98
73) Di-n-butylphthalate	15.63	149	614953	44.73	nq	98
74) Fluoranthene	16.44	202	545606	43.40	nq	98
76) Benzidine	16.66	184	133355	20.19	nq	# 93
77) Pyrene	16.74	202	555920	43.32	nq	99
79) Butylbenzylphthalate	17.66	149	253514	45.23	nq	88
80) Benzo(a)anthracene	18.33	228	433108	43.31	nq	98
81) 3,3'-Dichlorobenzidine	18.31	252	102254	28.76	nq	# 97
82) Chrysene	18.37	228	414446	41.47	nq	98
83) Bis(2-ethylhexyl)phthalate	18.42	149	354629	44.85	nq	# 100
84) Di-n-octyl phthalate	19.19	149	552910	42.44	nq	95
85) Indeno(1,2,3-cd)pyrene	21.17	276	327914	38.35	nq	100
87) Benzo(b)fluoranthene	19.60	252	350238	43.11	nq	98
88) Benzo(k)fluoranthene	19.63	252	342502	44.10	nq	# 94
89) Benzo(a)pyrene	19.94	252	320551	42.93	nq	99
90) Dibenzo(a,h)anthracene	21.17	278	270750	42.74	nq	97
91) Benzo(g,h,i)perylene	21.50	276	283005	43.82	nq	96

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

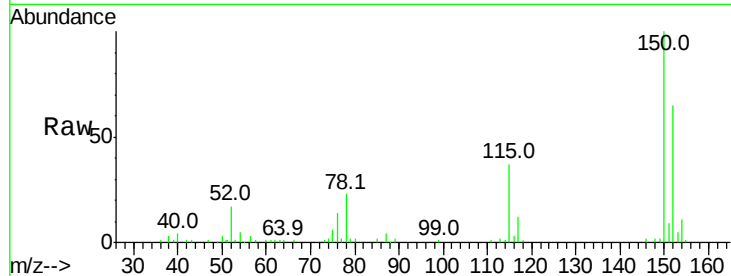


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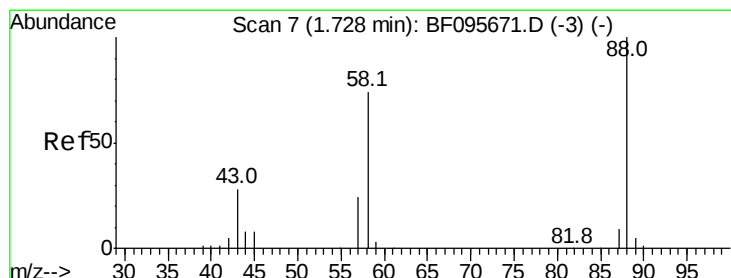
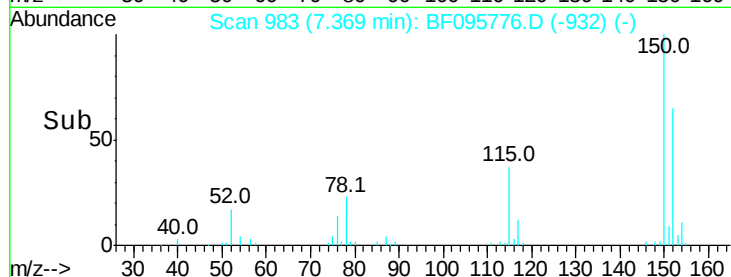
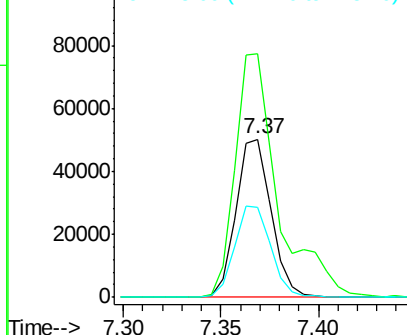
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF095776.D
Acq: 8 Jun 2017 11:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 62562
Ion Ratio Lower Upper
152 100
150 154.1 126.2 189.2
115 57.3 52.2 78.2



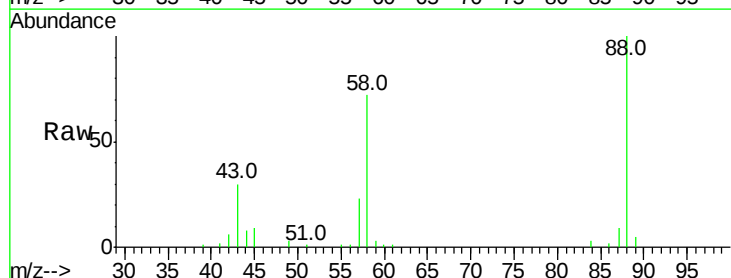
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



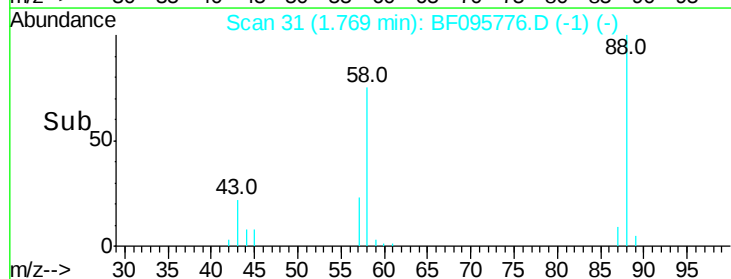
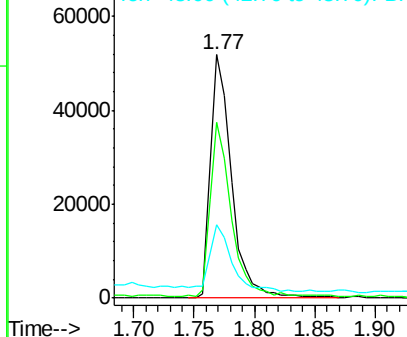
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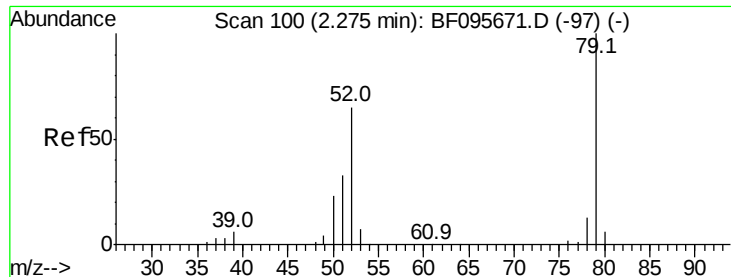
1,4-Dioxane
Concen: 33.63 ng
RT: 1.77 min Scan# 31
Delta R.T. 0.08 min
Lab File: BF095776.D
Acq: 8 Jun 2017 11:16

Tgt Ion: 88 Resp: 62816
Ion Ratio Lower Upper
88 100
58 70.1 61.4 92.0
43 27.9 23.4 35.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0

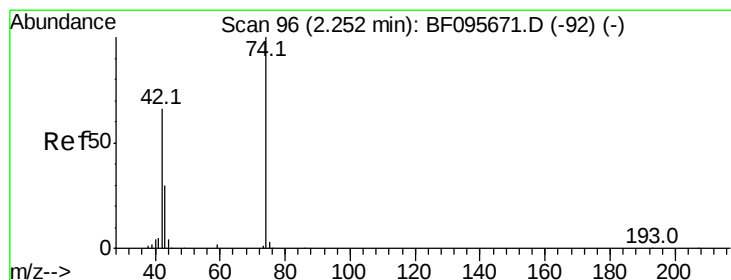
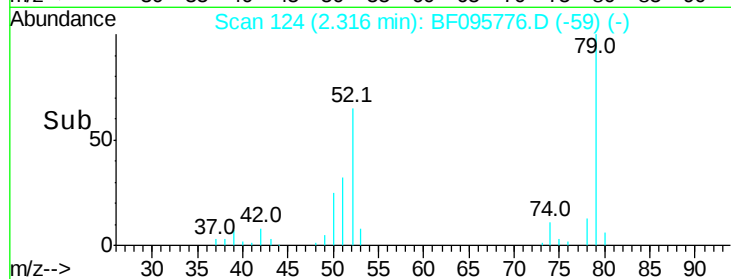
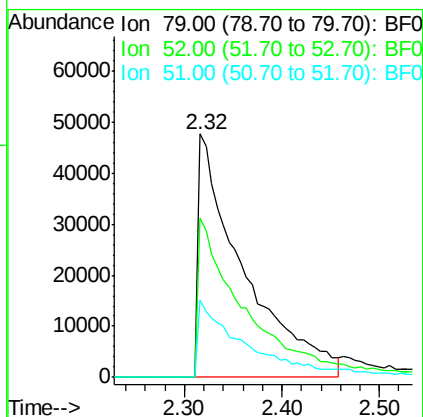
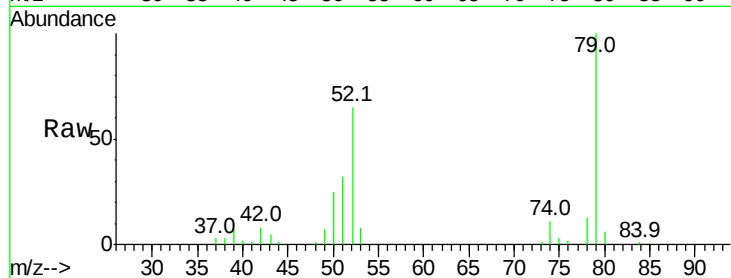




#3
 Pvridine
 Concen: 34.80 ng
 RT: 2.32 min Scan# 124
 Delta R.T. 0.08 min
 Lab File: BF095776.D
 Acq: 8 Jun 2017 11:16

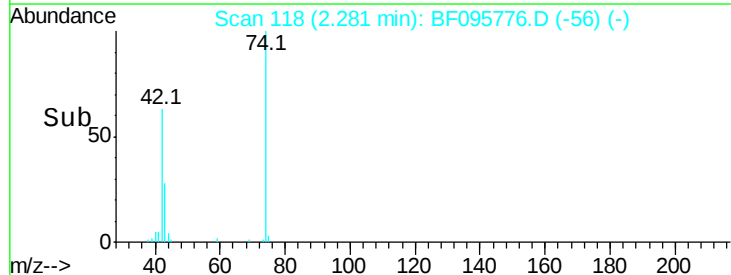
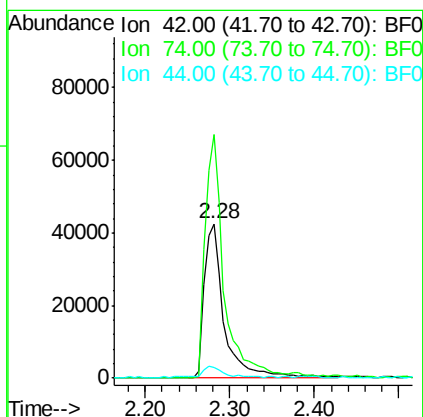
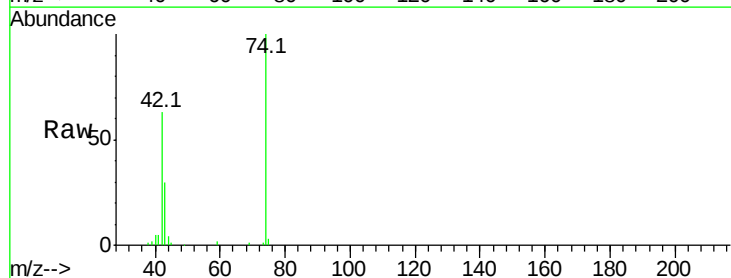
Instrument :
 BNA_F
 ClientSampleId :

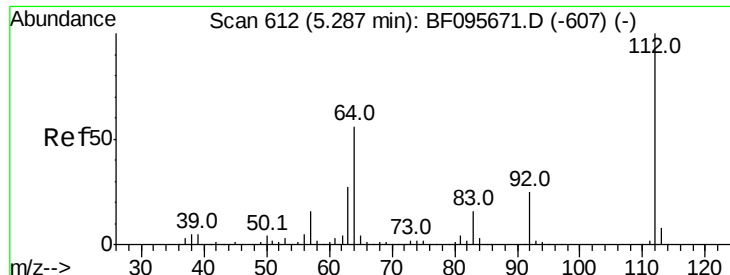
Tot Ion: 79 Resp: 152780
 Ion Ratio Lower Upper
 79 100
 52 65.3 54.8 82.2
 51 31.8 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 42.18 ng
 RT: 2.28 min Scan# 118
 Delta R.T. 0.06 min
 Lab File: BF095776.D
 Acq: 8 Jun 2017 11:16

Tgt Ion: 42 Resp: 70386
 Ion Ratio Lower Upper
 42 100
 74 157.9 103.9 155.9#
 44 7.1 5.7 8.5





#5

2-Fluorophenol

Concen: 130.71 ng

RT: 5.27 min Scan# 627

Delta R.T. 0.02 min

Lab File: BF095776.D

Acq: 8 Jun 2017 11:16

Instrument :

BNA_F

ClientSampleId :

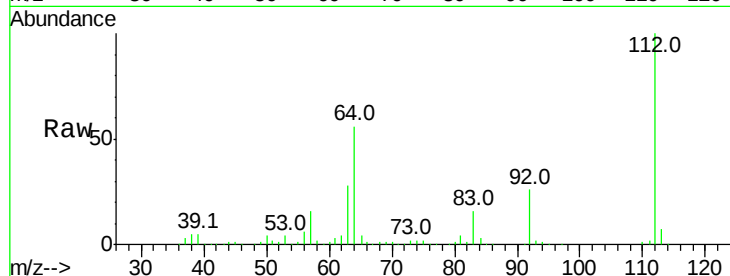
Tot Ion:112 Resp: 513190

Ion Ratio Lower Upper

112 100

64 56.2 46.0 69.0

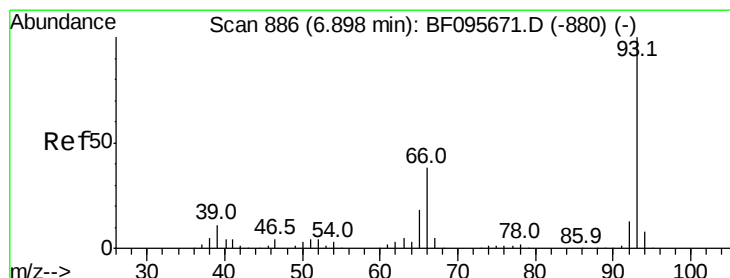
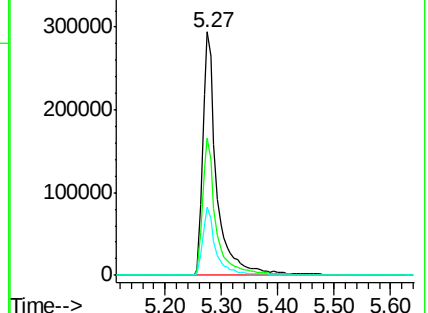
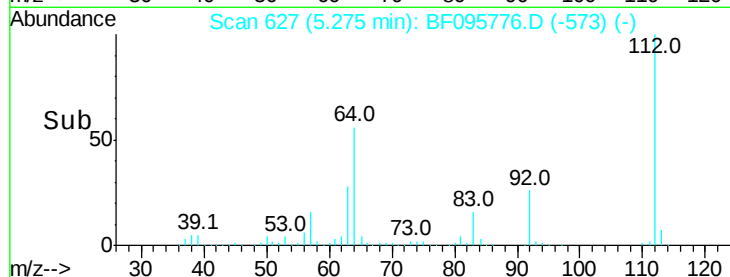
63 27.9 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 24.32 ng

RT: 6.86 min Scan# 897

Delta R.T. 0.00 min

Lab File: BF095776.D

Acq: 8 Jun 2017 11:16

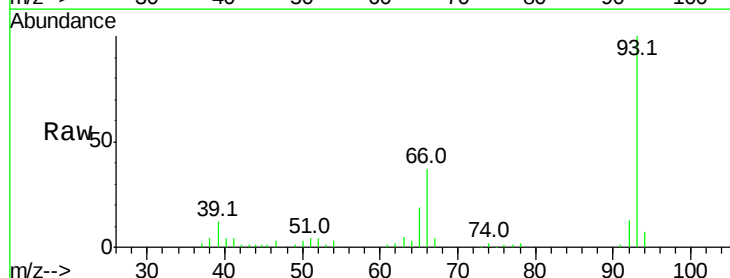
Tgt Ion: 93 Resp: 149567

Ion Ratio Lower Upper

93 100

66 37.2 32.9 49.3

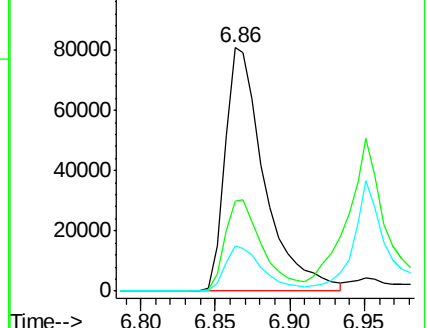
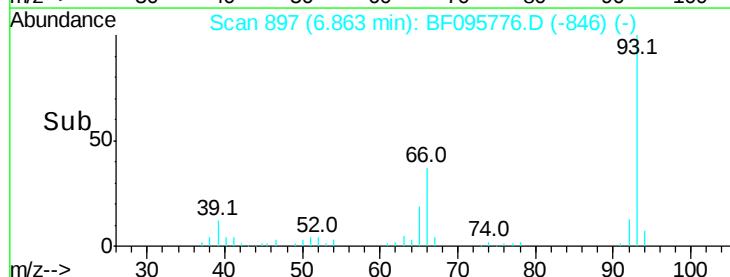
65 18.5 16.0 24.0



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: 129.93 ng

RT: 6.94 min Scan# 910

Delta R.T. 0.01 min

Lab File: BF095776.D

Acq: 8 Jun 2017 11:16

Instrument :

BNA_F

ClientSampled :

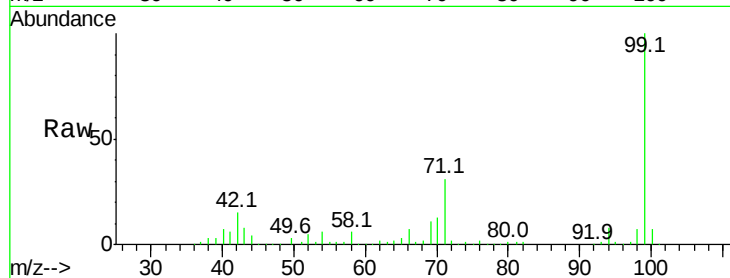
Tot Ion: 99 Resp: 610712

Ion Ratio Lower Upper

99 100

42 15.4 13.5 20.3

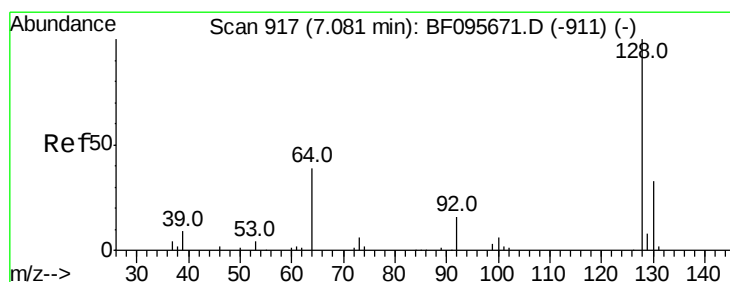
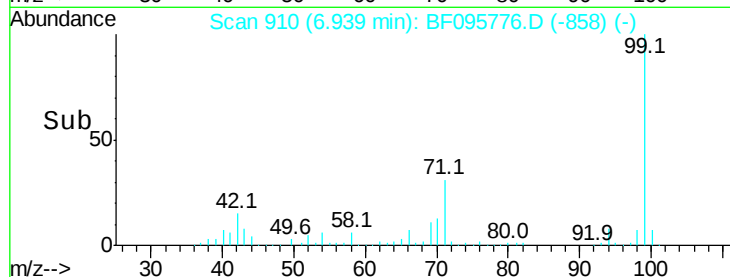
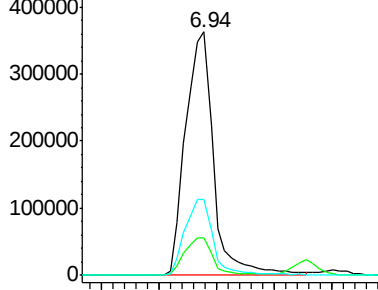
71 31.2 24.5 36.7



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: 44.66 ng

RT: 7.05 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF095776.D

Acq: 8 Jun 2017 11:16

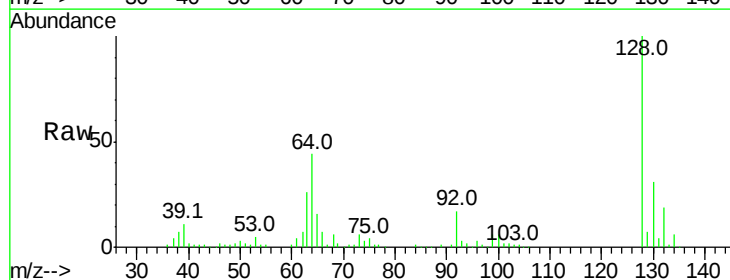
Tgt Ion:128 Resp: 186454

Ion Ratio Lower Upper

128 100

130 31.3 12.9 52.9

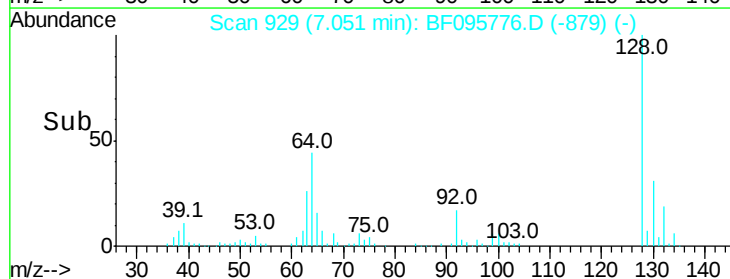
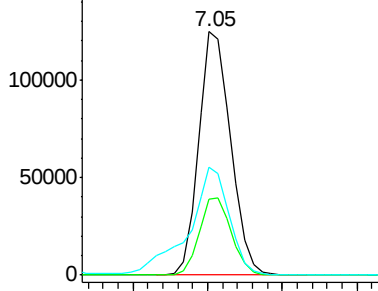
64 44.4 28.4 68.4

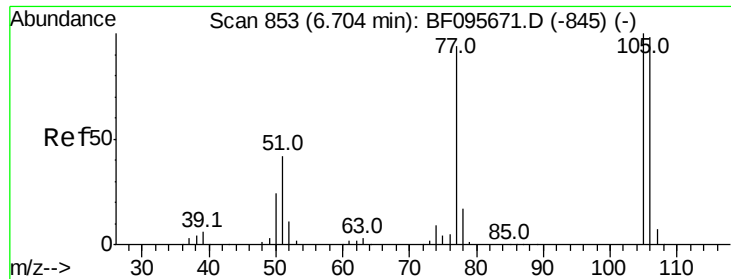


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

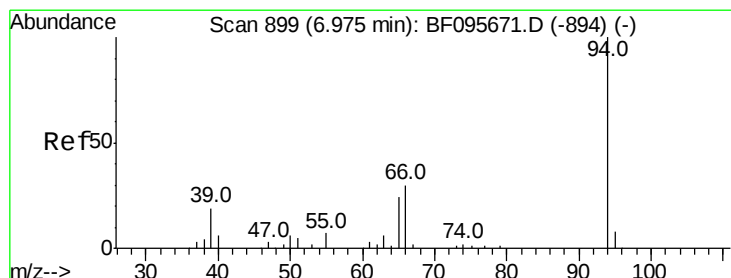
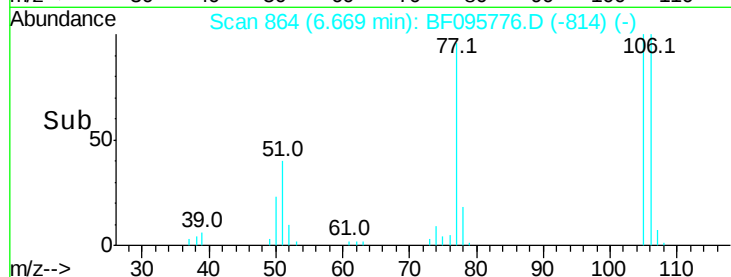
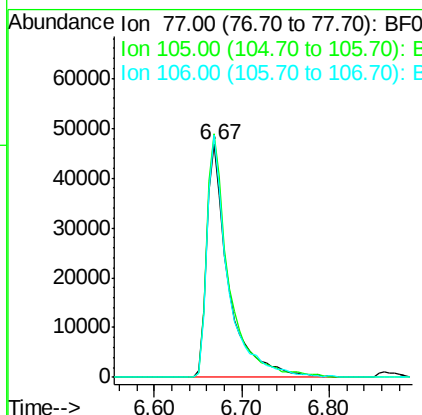
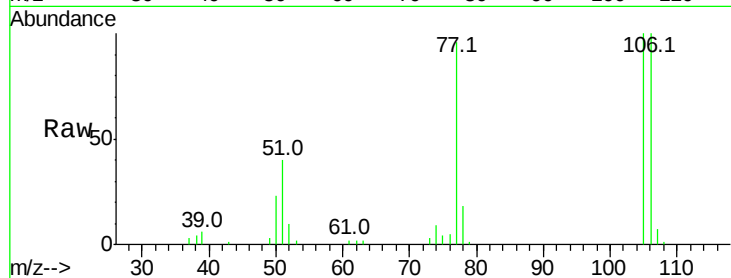




#9
Benzaldehyde
Concen: 25.61 ng
RT: 6.67 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF095776.D
Acq: 8 Jun 2017 11:16

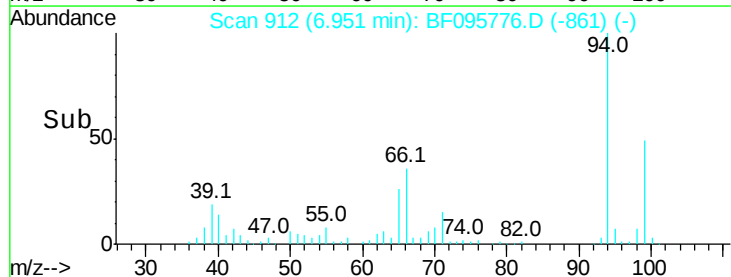
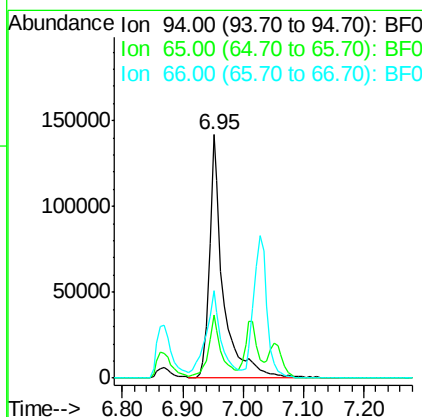
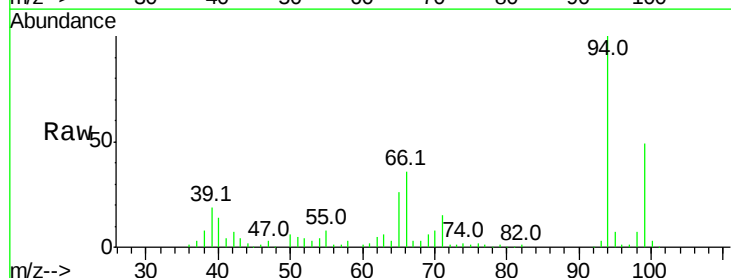
Instrument :
BNA_F
ClientSampleId :

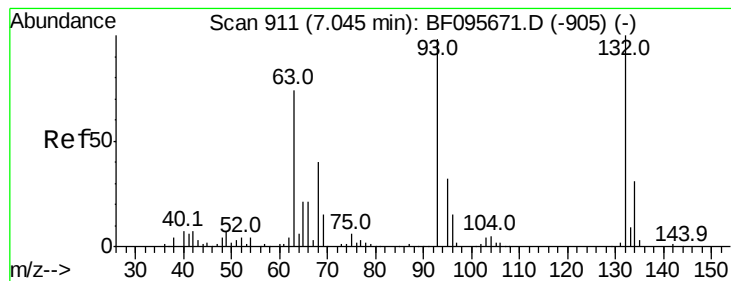
Tot Ion: 77 Resp: 81203
Ion Ratio Lower Upper
77 100
105 104.6 83.8 123.8
106 104.1 79.1 119.1



#10
Phenol
Concen: 46.46 ng
RT: 6.95 min Scan# 912
Delta R.T. 0.00 min
Lab File: BF095776.D
Acq: 8 Jun 2017 11:16

Tgt Ion: 94 Resp: 226541
Ion Ratio Lower Upper
94 100
65 25.9 9.9 49.9
66 35.8 23.1 63.1

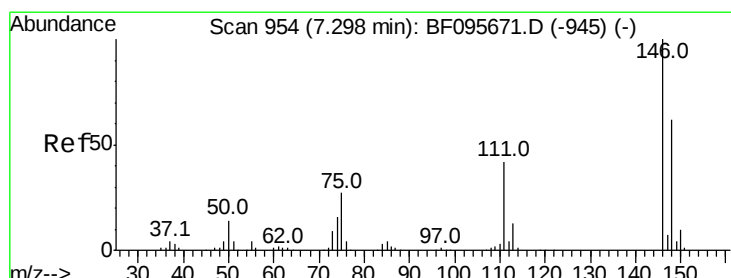
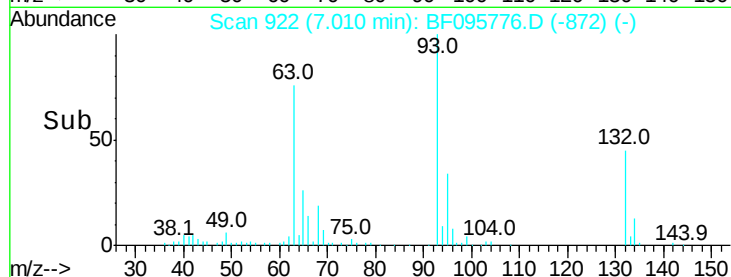
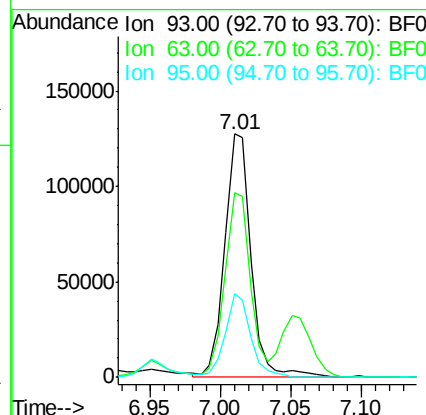
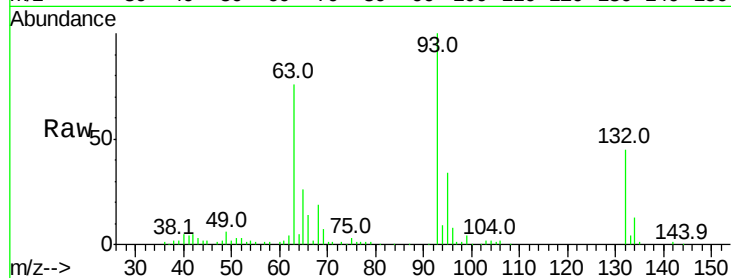




#11
bis(2-Chloroethyl)ether
Concen: 42.36 ng
RT: 7.01 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF095776.D
Acq: 8 Jun 2017 11:16

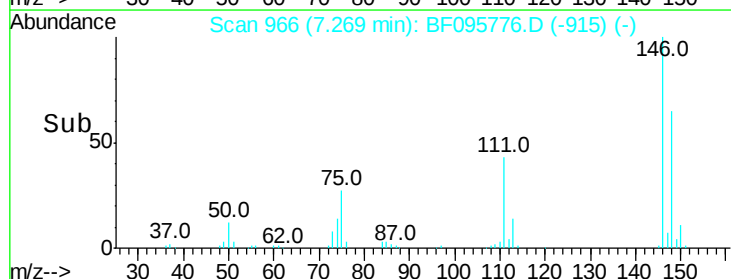
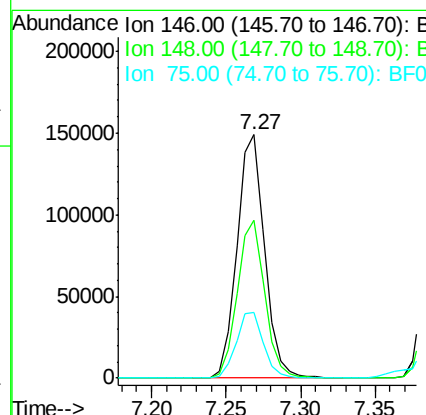
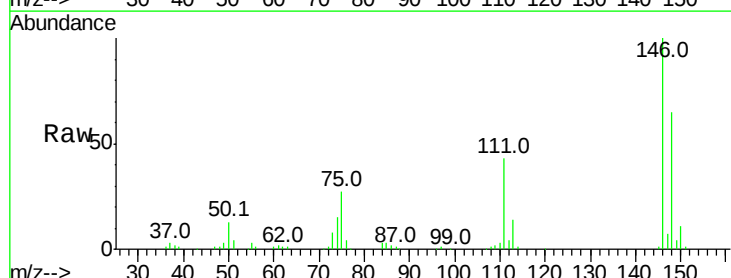
Instrument :
BNA_F
ClientSampleId :

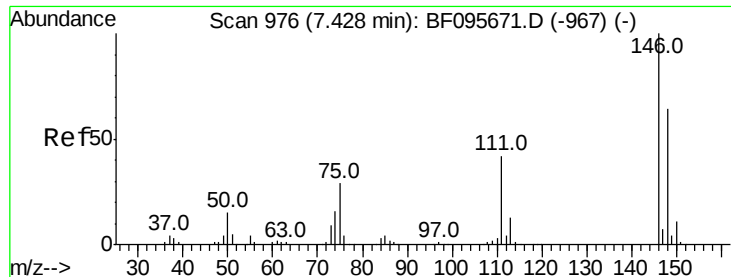
Tot Ion: 93 Resp: 163636
Ion Ratio Lower Upper
93 100
63 75.9 59.2 99.2
95 34.2 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 40.74 ng
RT: 7.27 min Scan# 966
Delta R.T. 0.00 min
Lab File: BF095776.D
Acq: 8 Jun 2017 11:16

Tgt Ion: 146 Resp: 192481
Ion Ratio Lower Upper
146 100
148 64.8 51.8 77.6
75 27.0 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 40.87 ng

RT: 7.39 min Scan# 987

Delta R.T. -0.01 min

Lab File: BF095776.D

Acq: 8 Jun 2017 11:16

Instrument :

BNA_F

ClientSampleId :

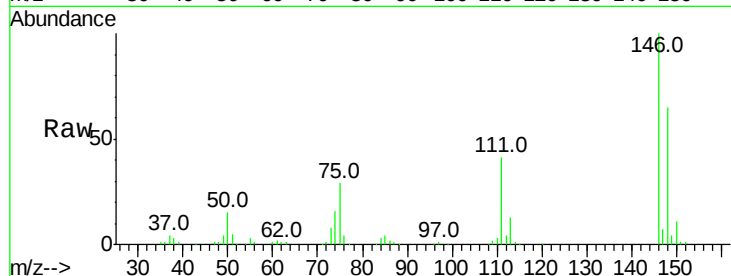
Tot Ion:146 Resp: 195821

Ion Ratio Lower Upper

146 100

148 64.6 52.2 78.2

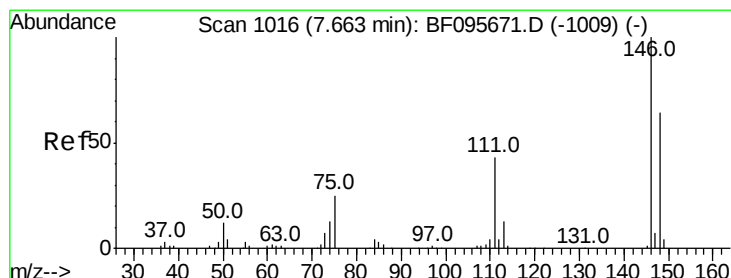
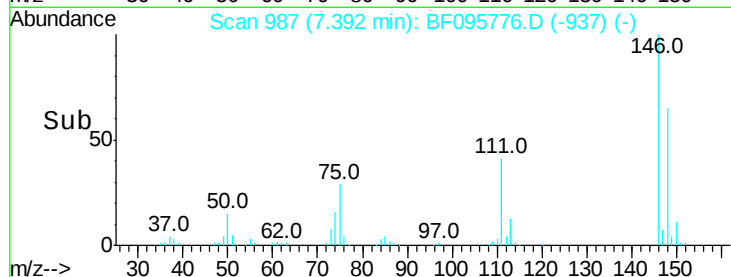
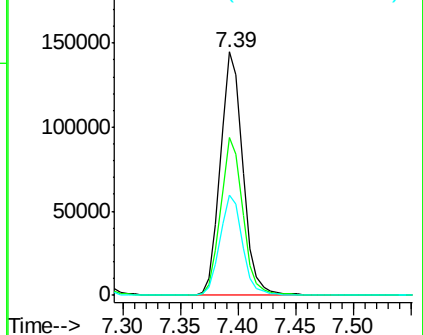
111 41.4 30.3 45.5



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: 41.95 ng

RT: 7.63 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF095776.D

Acq: 8 Jun 2017 11:16

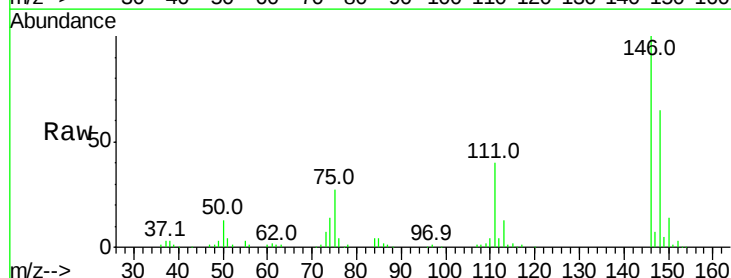
Tgt Ion:146 Resp: 185312

Ion Ratio Lower Upper

146 100

148 64.6 50.4 75.6

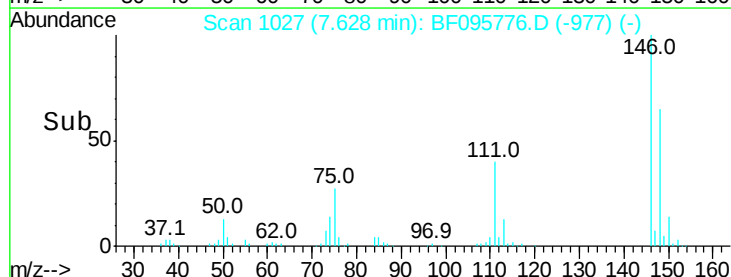
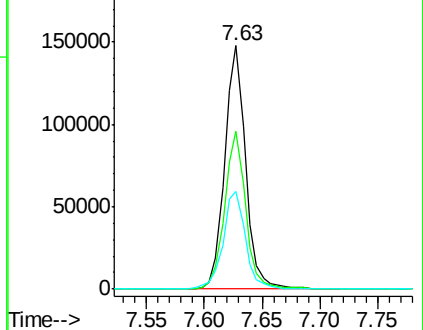
111 40.4 38.2 57.4

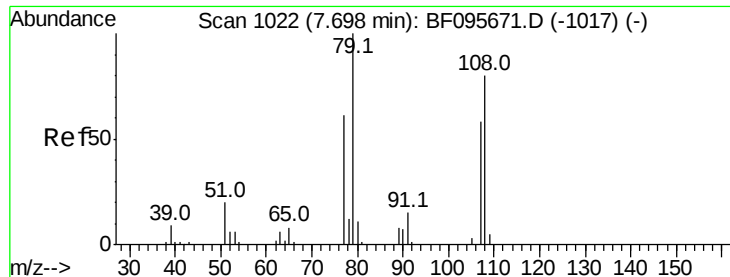


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.02 ng

RT: 7.67 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF095776.D

Acq: 8 Jun 2017 11:16

Instrument :

BNA_F

ClientSampleId :

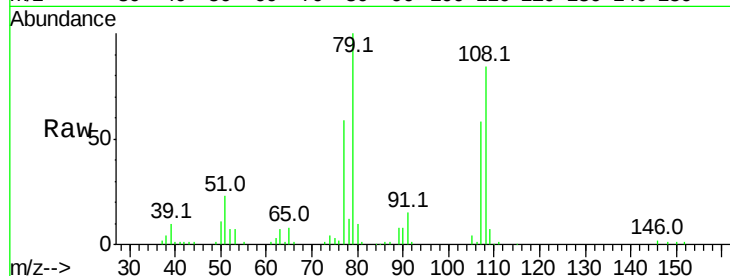
Tot Ion: 79 Resp: 148479

Ion Ratio Lower Upper

79 100

108 83.6 63.4 95.0

77 58.9 49.2 73.8



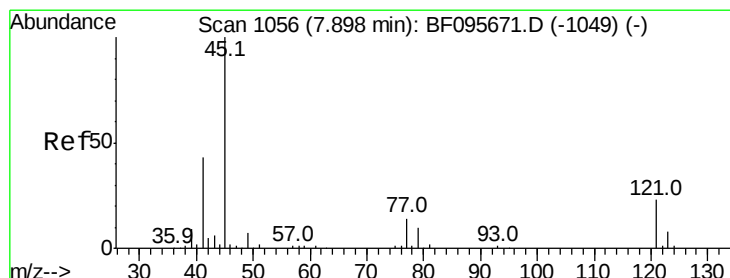
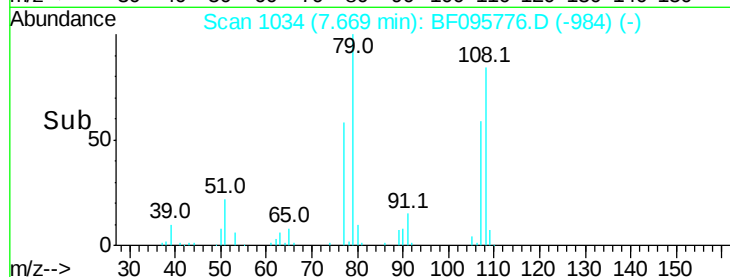
Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

7.67

Time-->



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.03 ng

RT: 7.87 min Scan# 1068

Delta R.T. 0.00 min

Lab File: BF095776.D

Acq: 8 Jun 2017 11:16

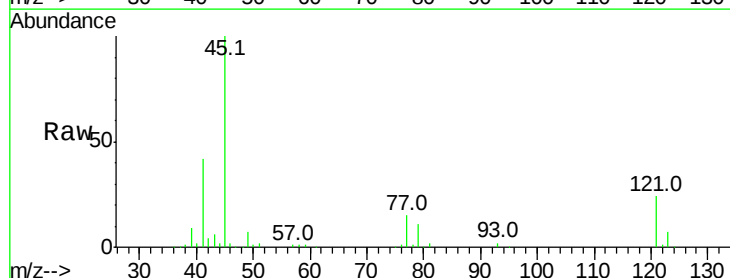
Tgt Ion: 45 Resp: 228064

Ion Ratio Lower Upper

45 100

77 15.4 0.0 33.2

79 11.4 0.0 30.0



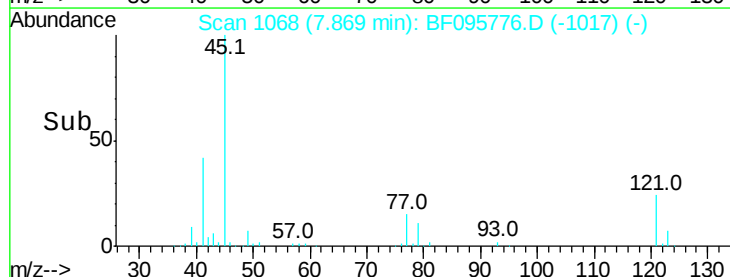
Abundance Ion 45.00 (44.70 to 45.70): BF0

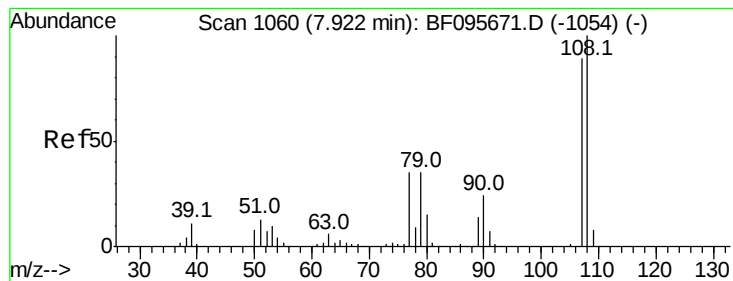
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

7.87

Time-->





#17

2-Methylphenol

Concen: 44.07 ng

RT: 7.90 min Scan# 1073

Delta R.T. 0.00 min

Lab File: BF095776.D

Acq: 8 Jun 2017 11:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 154389

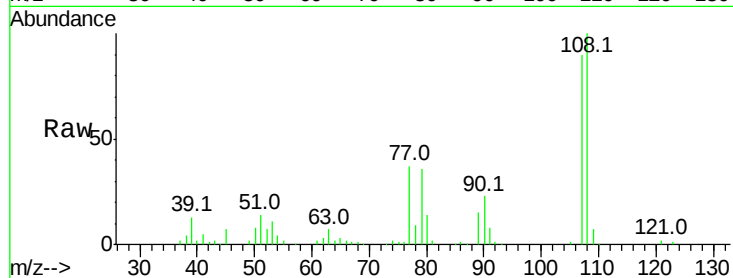
Ion Ratio Lower Upper

107 100

108 111.3 93.4 140.0

77 41.6 35.8 53.6

79 39.7 34.8 52.2

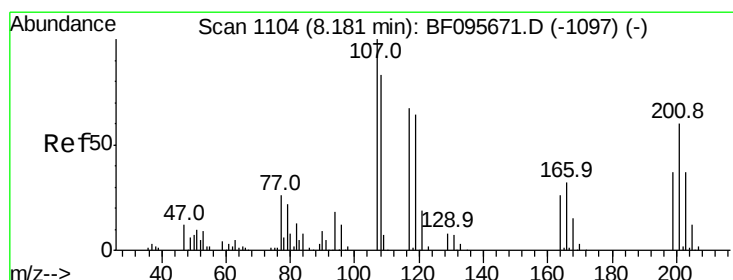
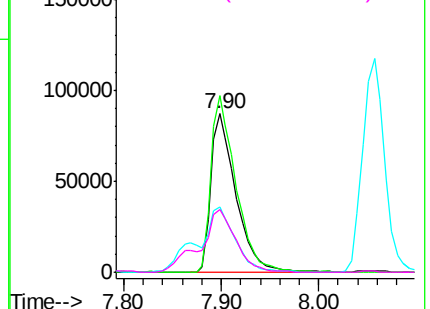
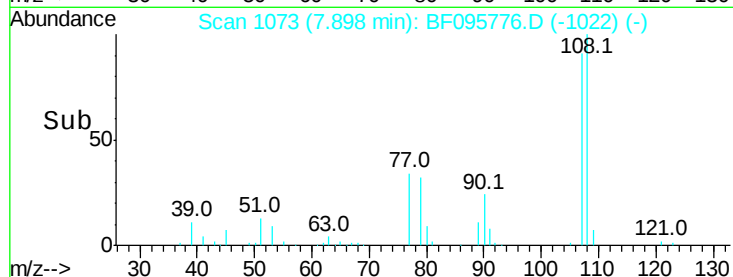


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 41.48 ng

RT: 8.15 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BF095776.D

Acq: 8 Jun 2017 11:16

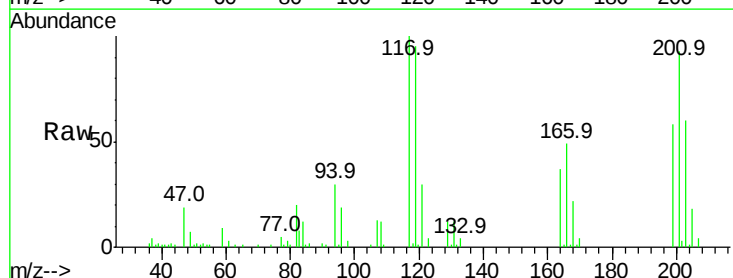
Tgt Ion:117 Resp: 65647

Ion Ratio Lower Upper

117 100

119 95.3 77.4 116.0

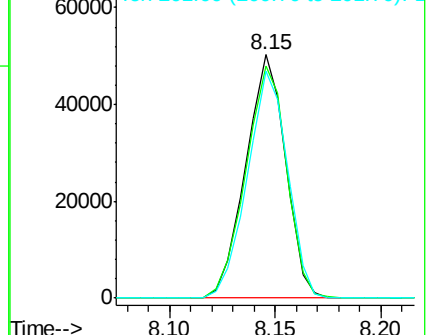
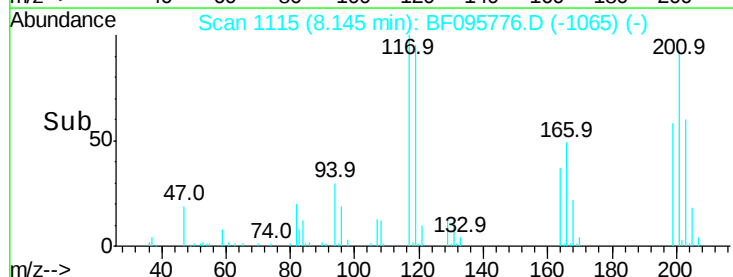
201 93.2 94.6 141.8#

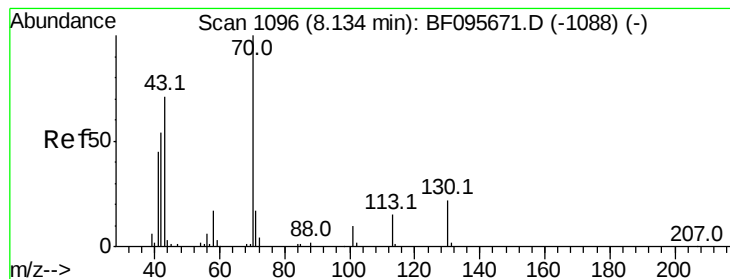


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 42.93 ng

RT: 8.10 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BF095776.D

Acq: 8 Jun 2017 11:16

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 127879

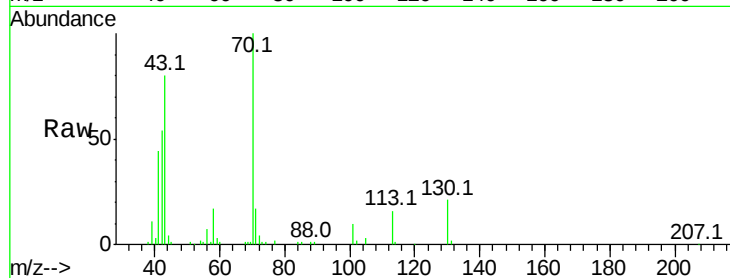
Ion	Ratio	Lower	Upper
70	100		
42	53.6	47.2	70.8
101	9.7	7.2	10.8
130	20.7	15.9	23.9

70 100

42 53.6 47.2 70.8

101 9.7 7.2 10.8

130 20.7 15.9 23.9

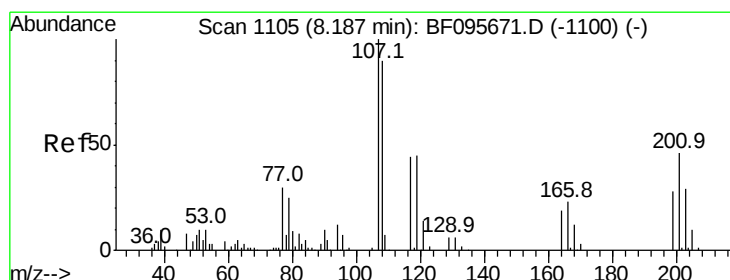
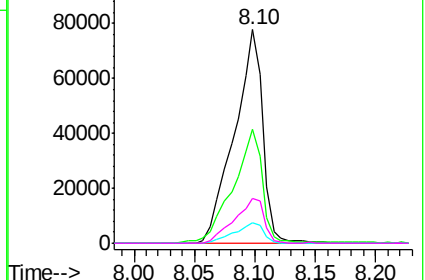
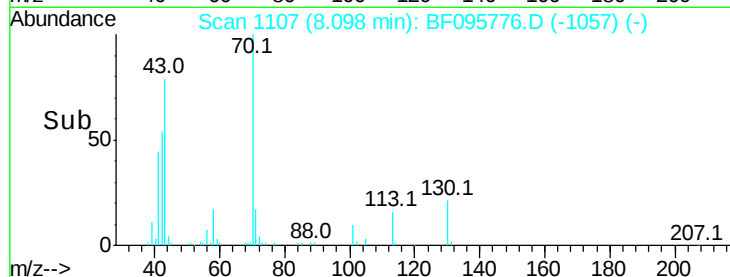


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 45.88 ng

RT: 8.16 min Scan# 1118

Delta R.T. 0.01 min

Lab File: BF095776.D

Acq: 8 Jun 2017 11:16

Tgt Ion: 107 Resp: 204047

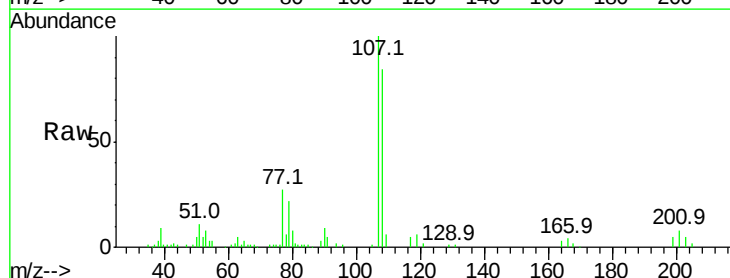
Ion	Ratio	Lower	Upper
107	100		
108	84.3	71.0	111.0
77	26.5	90.5	130.5#
79	22.4	8.4	48.4

107 100

108 84.3 71.0 111.0

77 26.5 90.5 130.5#

79 22.4 8.4 48.4

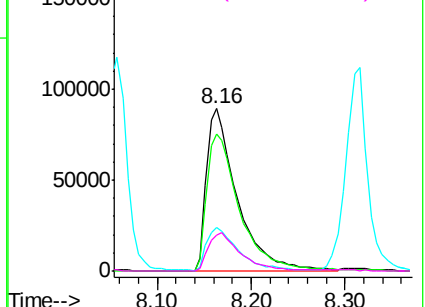
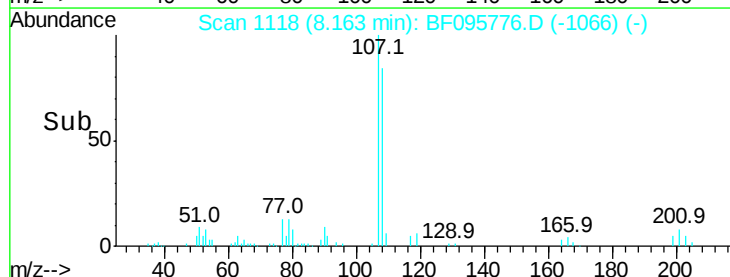


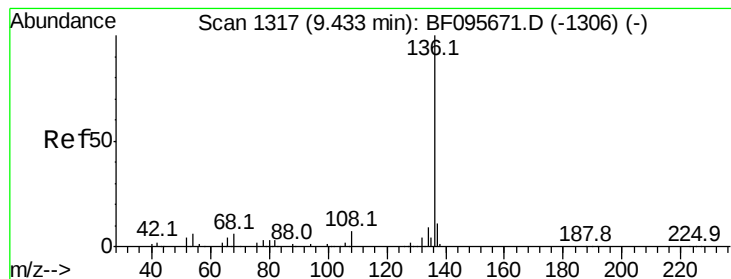
Abundance Ion 107.00 (106.70 to 107.70): BF0

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: 9.40 min Scan# 1328

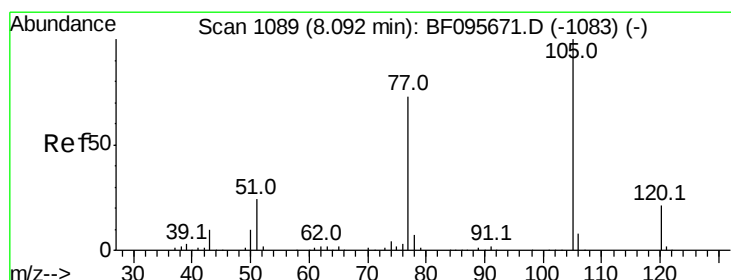
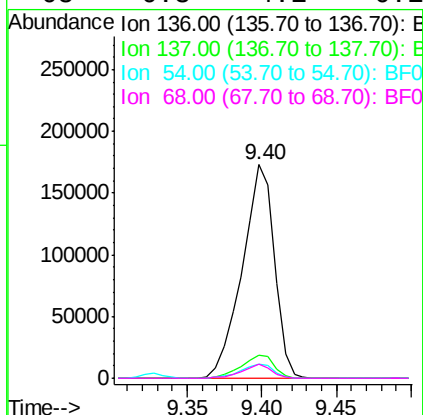
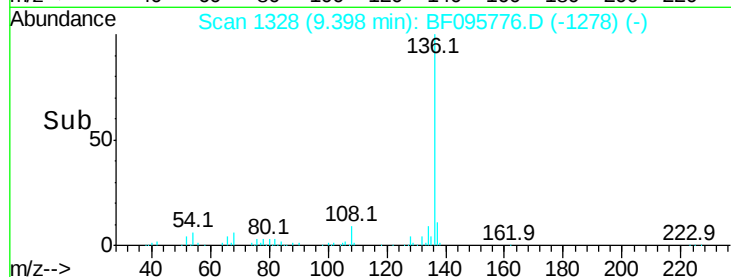
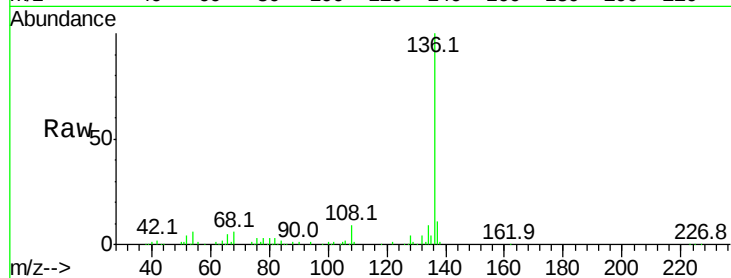
Delta R.T. -0.01 min

Lab File: BF095776.D

Acq: 8 Jun 2017 11:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	257552
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.5 12.7
54	6.3	4.9 7.3
68	6.3	4.1 6.1#



#22

Acetophenone

Concen: 42.75 ng

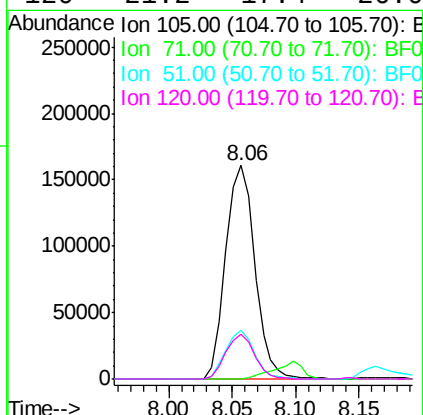
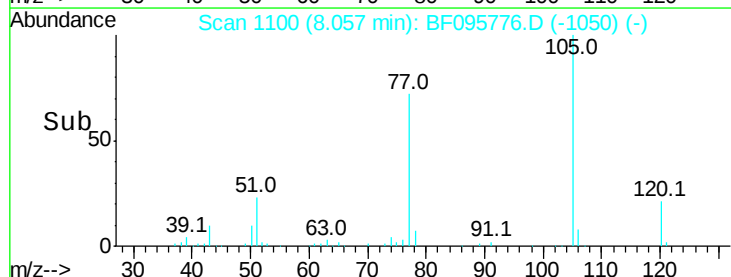
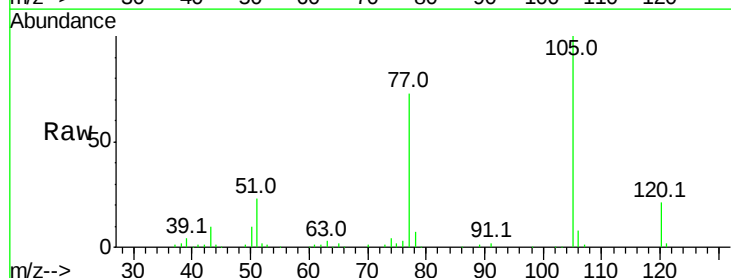
RT: 8.06 min Scan# 1100

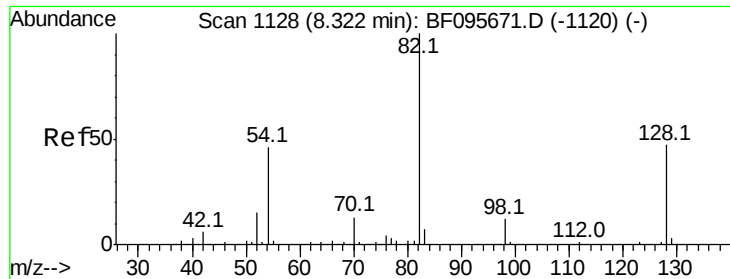
Delta R.T. -0.01 min

Lab File: BF095776.D

Acq: 8 Jun 2017 11:16

Tgt Ion:105	Resp:	257728
Ion Ratio	Lower	Upper
105	100	
71	0.0	2.8 4.2#
51	22.6	30.7 46.1#
120	21.2	17.4 26.0

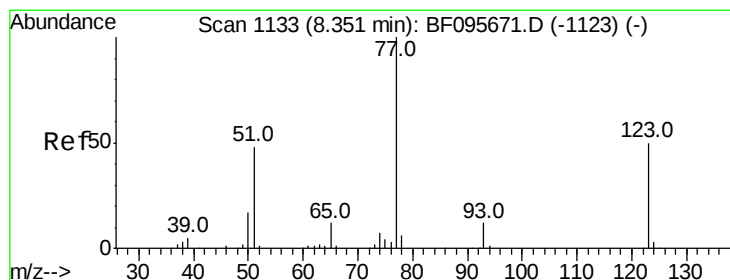
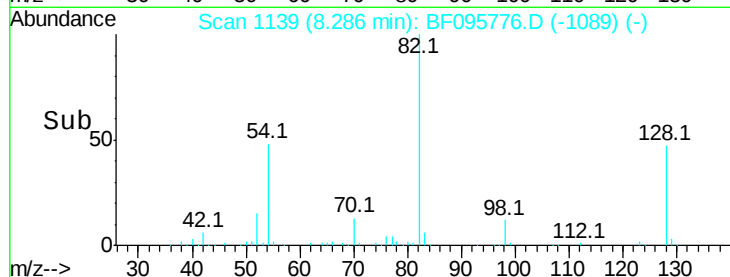
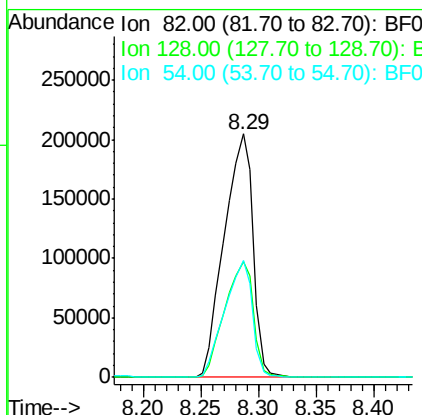
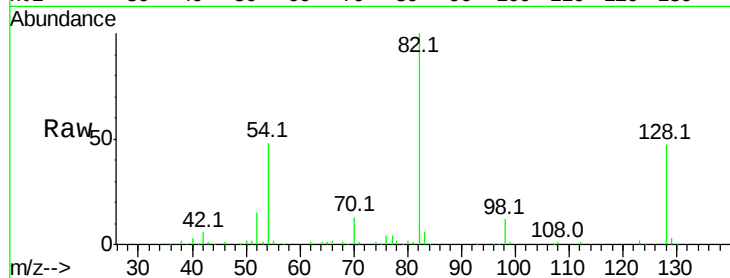




#23
 Nitrobenzene-d5
 Concen: 85.23 ng
 RT: 8.29 min Scan# 1139
 Delta R.T. -0.01 min
 Lab File: BF095776.D
 Acq: 8 Jun 2017 11:16

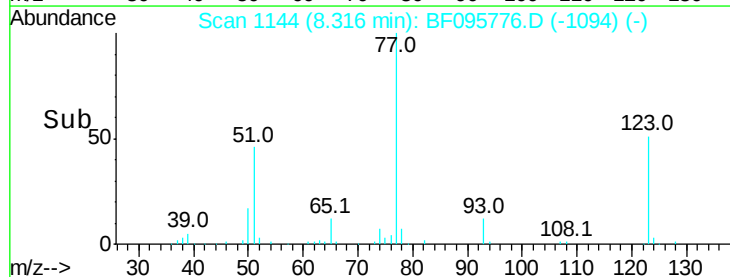
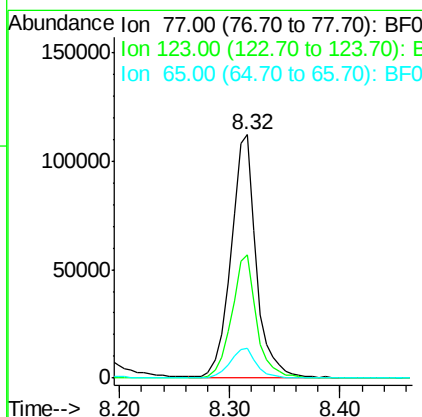
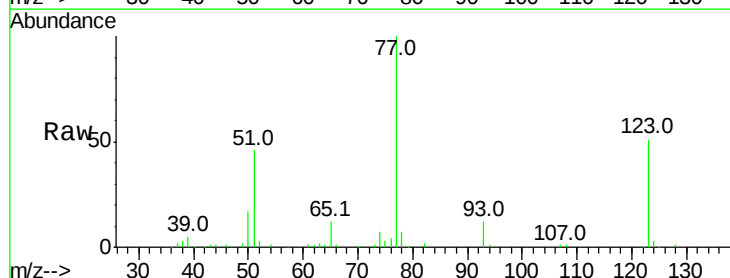
Instrument :
 BNA_F
 ClientSampleId :

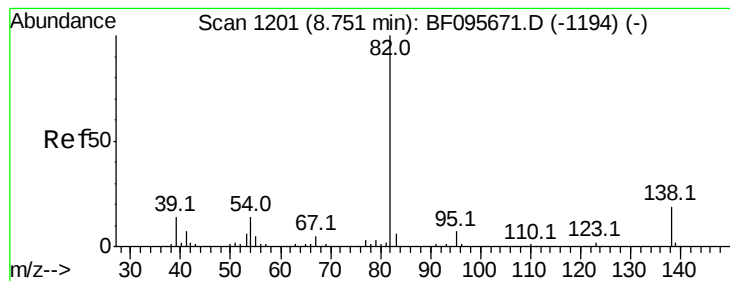
Tot Ion: 82 Resp: 353437
 Ion Ratio Lower Upper
 82 100
 128 47.2 34.0 51.0
 54 47.9 42.2 63.2



#24
 Nitrobenzene
 Concen: 40.63 ng
 RT: 8.32 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BF095776.D
 Acq: 8 Jun 2017 11:16

Tgt Ion: 77 Resp: 180008
 Ion Ratio Lower Upper
 77 100
 123 50.7 35.8 53.8
 65 12.1 10.6 15.8





#25

Isophorone

Concen: 42.25 ng

RT: 8.72 min Scan# 1212

Delta R.T. -0.01 min

Lab File: BF095776.D

Acq: 8 Jun 2017 11:16

Instrument :

BNA_F

ClientSampleId :

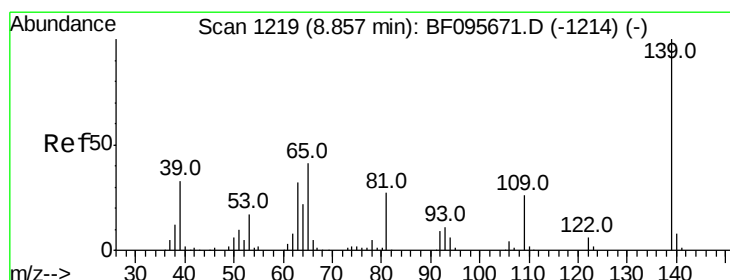
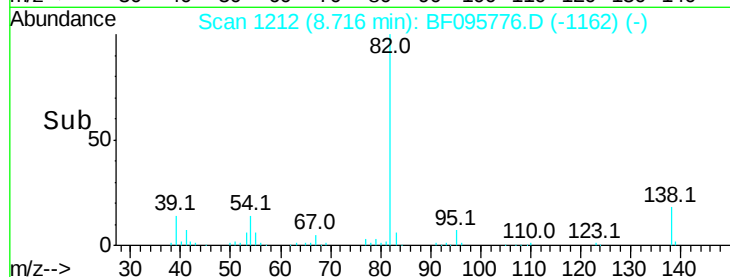
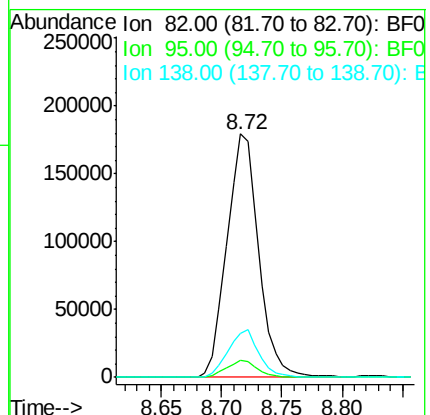
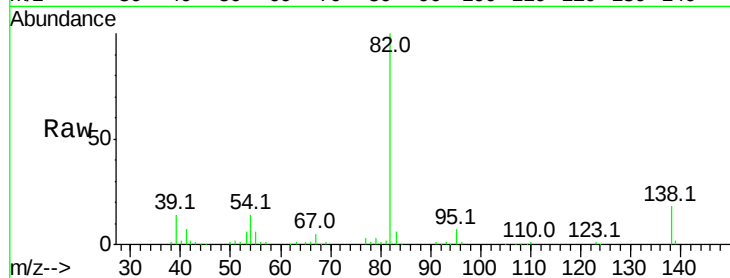
Tot Ion: 82 Resp: 327174

Ion Ratio Lower Upper

82 100

95 6.9 5.3 7.9

138 18.3 13.1 19.7



#26

2-Nitrophenol

Concen: 44.03 ng

RT: 8.83 min Scan# 1231

Delta R.T. 0.00 min

Lab File: BF095776.D

Acq: 8 Jun 2017 11:16

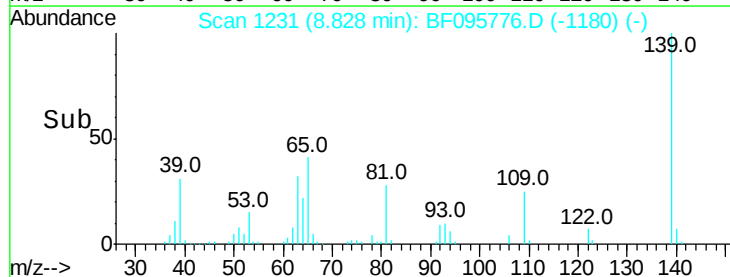
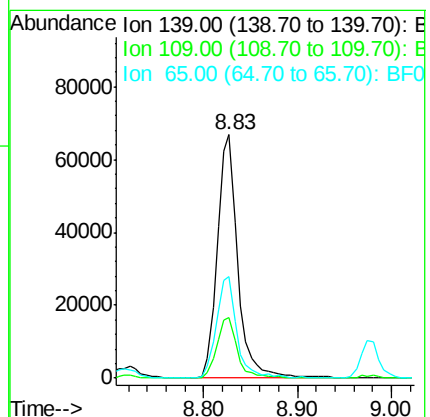
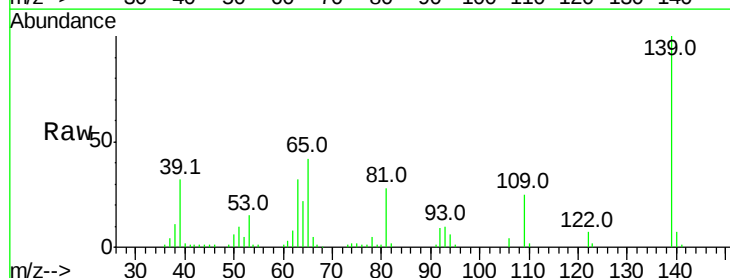
Tgt Ion:139 Resp: 102131

Ion Ratio Lower Upper

139 100

109 24.8 21.0 31.6

65 41.8 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 46.30 ng

RT: 8.98 min Scan# 1257

Delta R.T. 0.00 min

Lab File: BF095776.D

Acq: 8 Jun 2017 11:16

Instrument :

BNA_F

ClientSampleId :

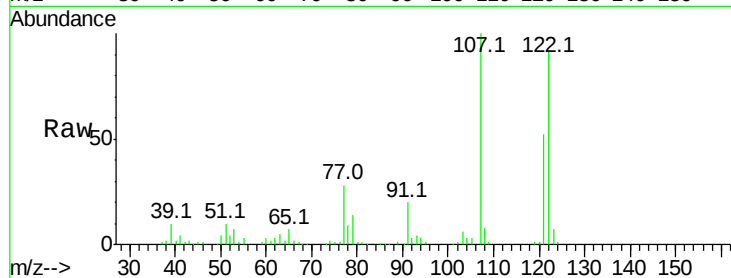
Tot Ion:122 Resp: 166676

Ion Ratio Lower Upper

122 100

107 109.0 89.2 133.8

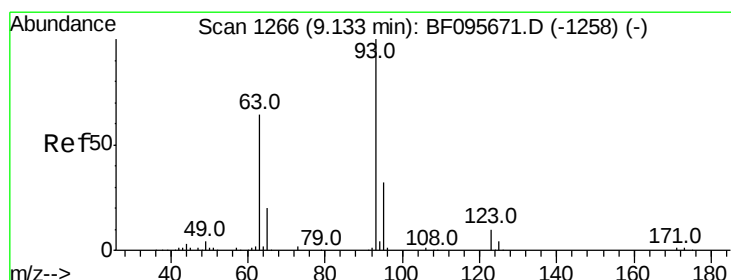
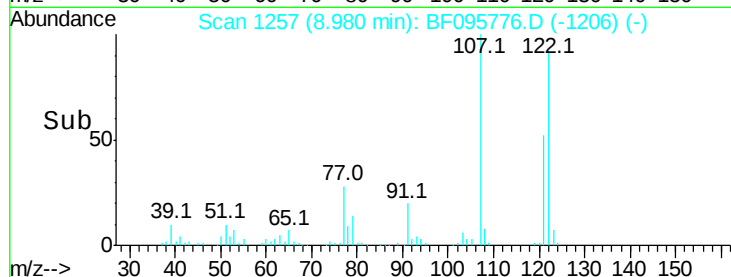
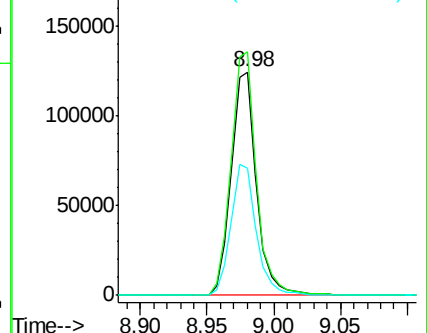
121 56.8 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.52 ng

RT: 9.10 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF095776.D

Acq: 8 Jun 2017 11:16

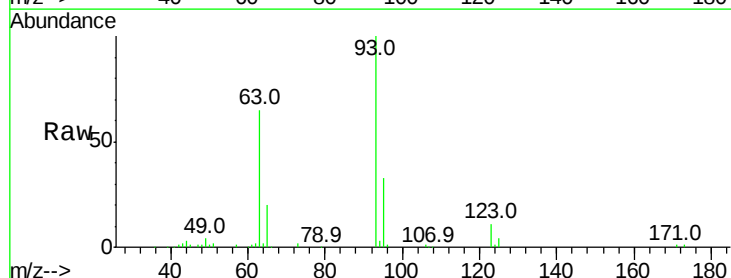
Tgt Ion: 93 Resp: 211933

Ion Ratio Lower Upper

93 100

95 32.9 26.5 39.7

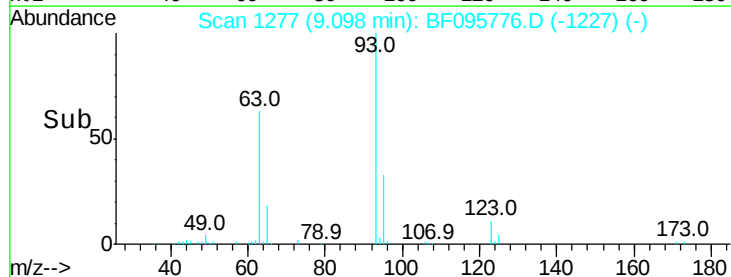
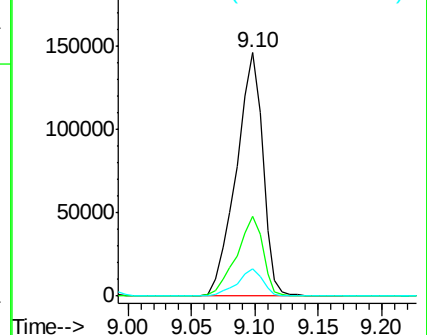
123 11.1 9.0 13.4

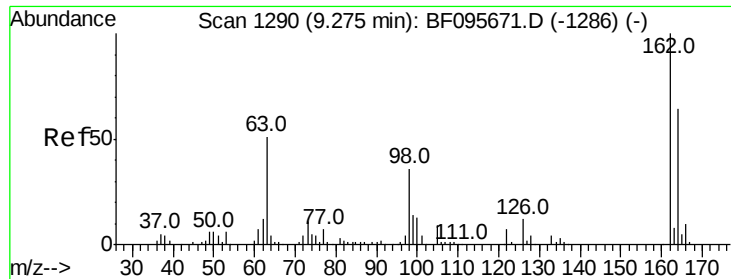


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

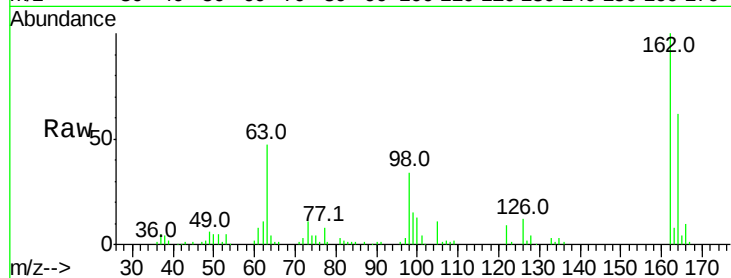




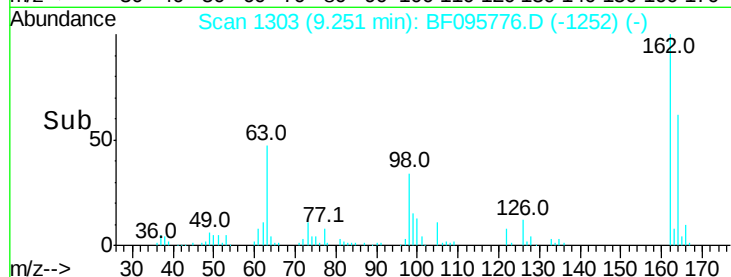
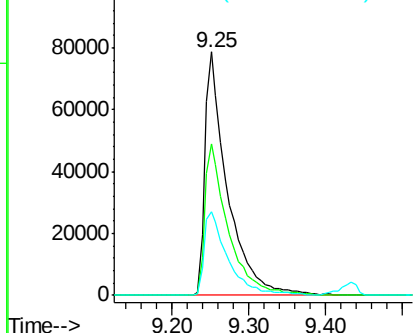
#29
 2,4-Dichlorophenol
 Concen: 45.72 ng
 RT: 9.25 min Scan# 1303
 Delta R.T. 0.00 min
 Lab File: BF095776.D
 Acq: 8 Jun 2017 11:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.2	44.6	84.6
98	34.4	14.8	54.8

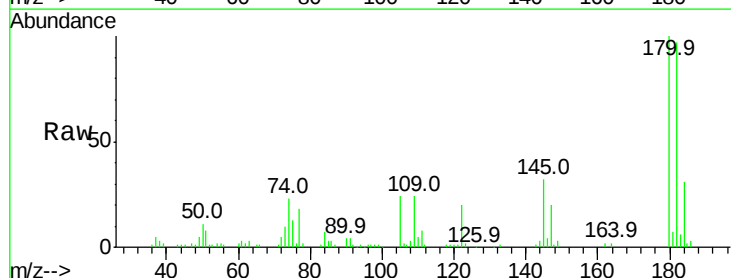


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

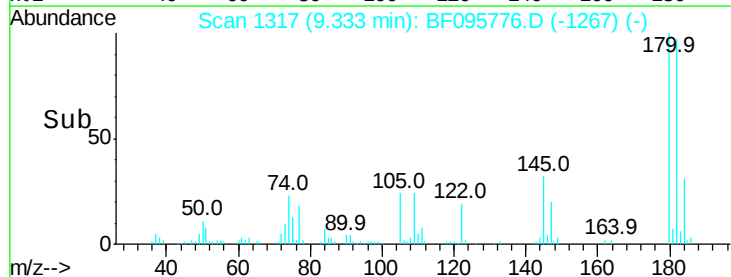
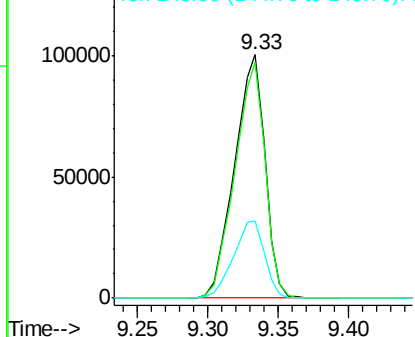


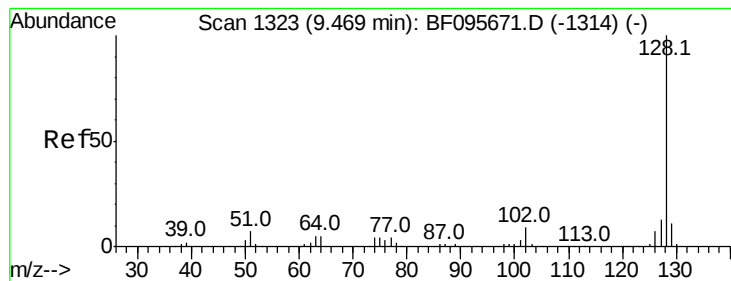
#30
 1,2,4-Trichlorobenzene
 Concen: 41.88 ng
 RT: 9.33 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF095776.D
 Acq: 8 Jun 2017 11:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	75.8	113.6
145	31.5	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: 41.15 ng

RT: 9.43 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF095776.D

Acq: 8 Jun 2017 11:16

Instrument :

BNA_F

ClientSampleId :

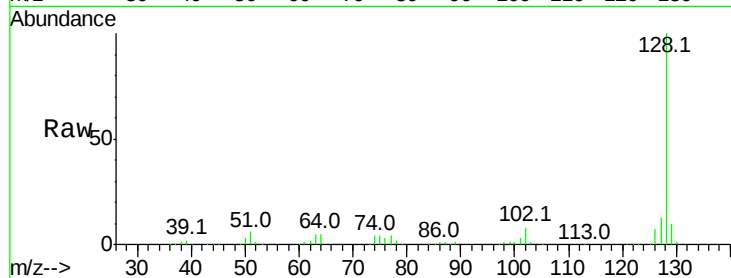
Tot Ion:128 Resp: 531857

Ion Ratio Lower Upper

128 100

129 10.5 9.0 13.6

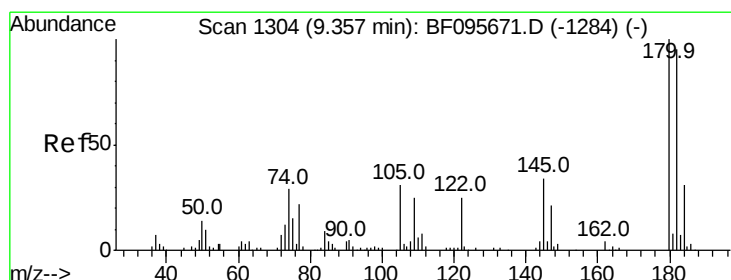
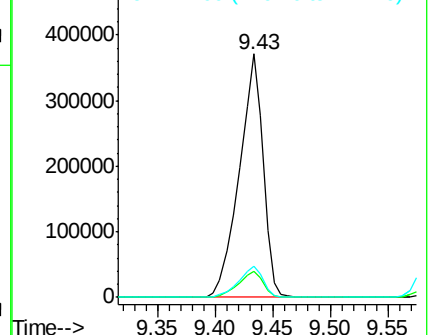
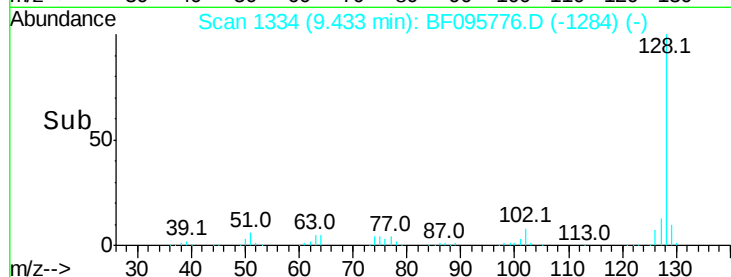
127 12.8 10.8 16.2



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: 41.33 ng

RT: 9.32 min Scan# 1315

Delta R.T. -0.02 min

Lab File: BF095776.D

Acq: 8 Jun 2017 11:16

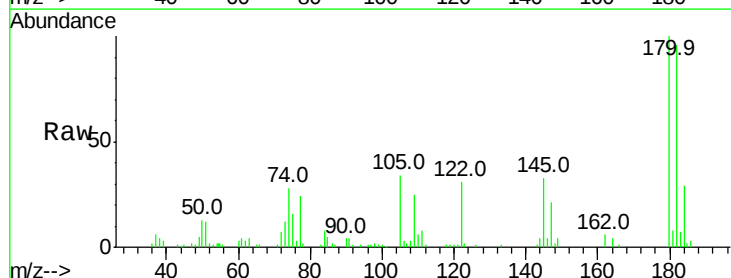
Tgt Ion:122 Resp: 91189

Ion Ratio Lower Upper

122 100

105 109.2 103.3 143.3

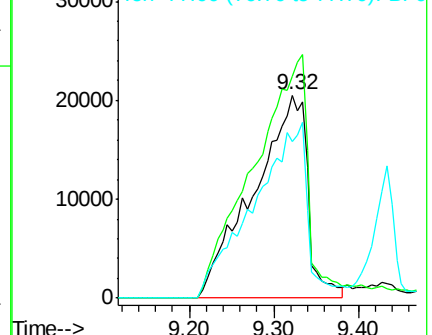
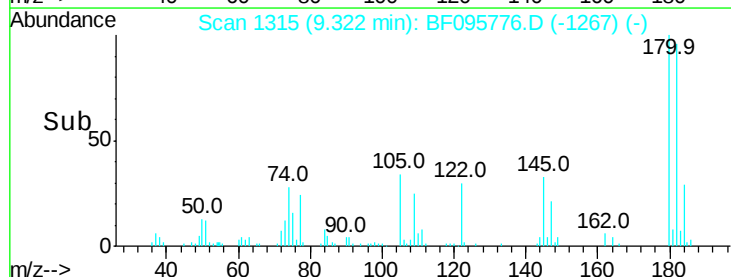
77 77.4 73.7 113.7



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

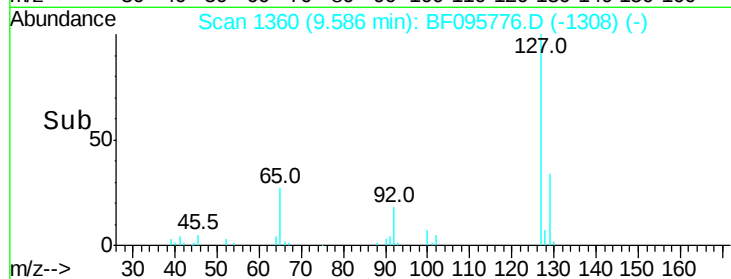
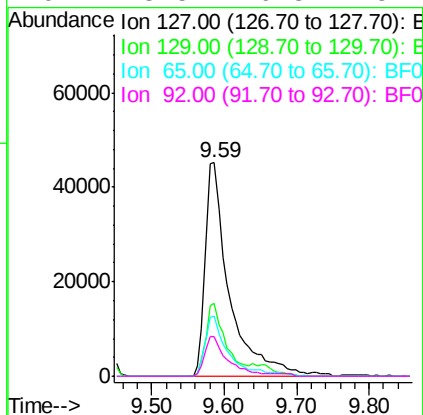
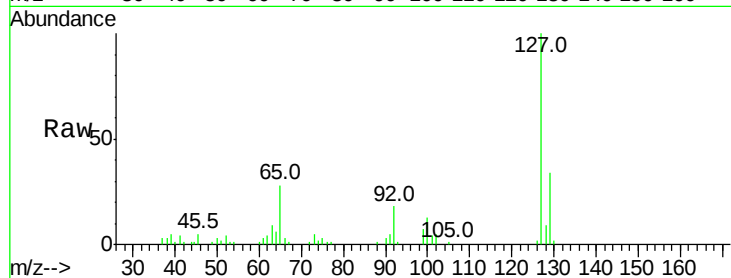




#33
4-Chloroaniline
Concen: 20.86 ng
RT: 9.59 min Scan# 1360
Delta R.T. 0.01 min
Lab File: BF095776.D
Acq: 8 Jun 2017 11:16

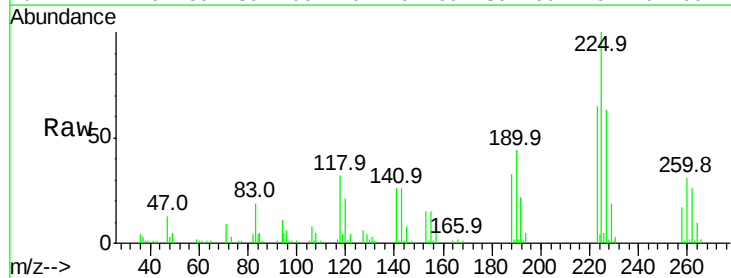
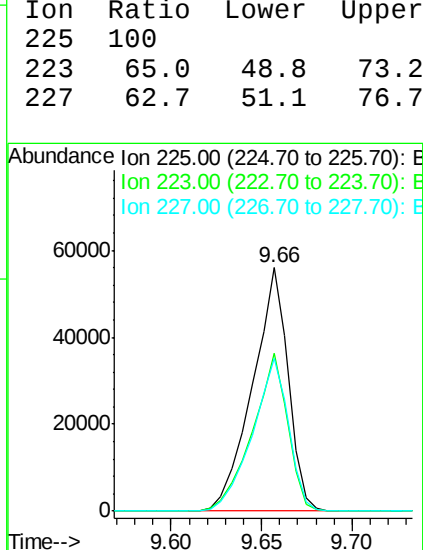
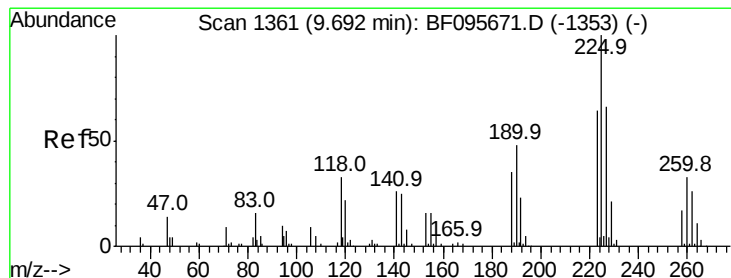
Instrument :
BNA_F
ClientSampleId :

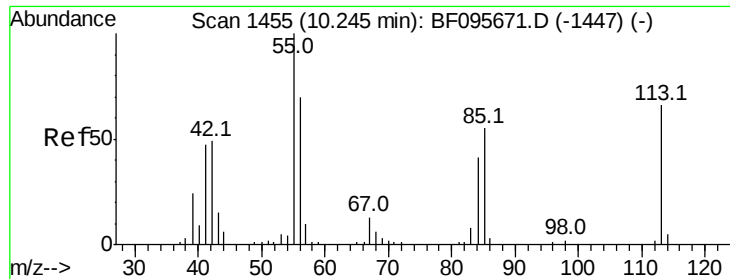
Tot Ion:	127	Resp:	105399
Ion	Ratio	Lower	Upper
127	100		
129	34.0	26.2	39.2
65	28.3	27.8	41.8
92	18.5	16.8	25.2



#34
Hexachlorobutadiene
Concen: 41.05 ng
RT: 9.66 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BF095776.D
Acq: 8 Jun 2017 11:16

Tgt Ion:	225	Resp:	76529
Ion	Ratio	Lower	Upper
225	100		
223	65.0	48.8	73.2
227	62.7	51.1	76.7





#35

Caprolactam

Concen: 24.09 ng

RT: 10.22 min Scan# 1468

Delta R.T. -0.01 min

Lab File: BF095776.D

Acq: 8 Jun 2017 11:16

Instrument :

BNA_F

ClientSampleId :

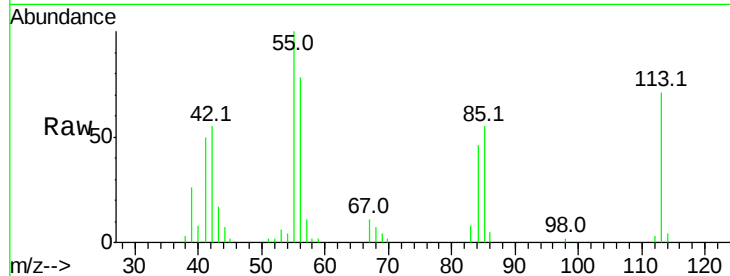
Tot Ion:113 Resp: 24849

Ion Ratio Lower Upper

113 100

55 140.8 150.2 190.2#

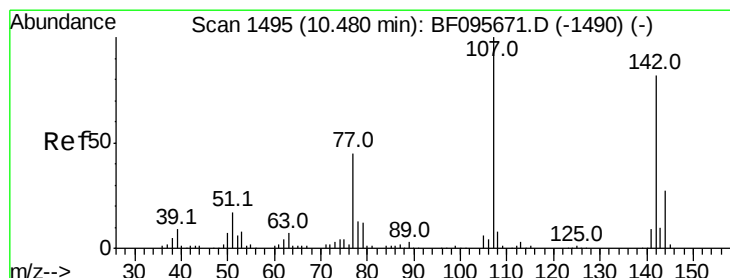
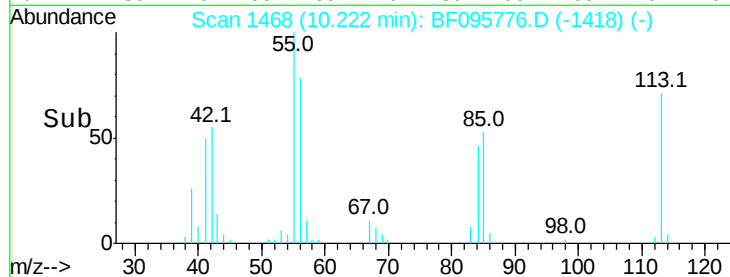
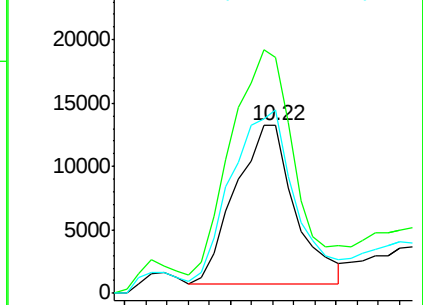
56 109.5 107.8 147.8



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: 45.65 ng

RT: 10.46 min Scan# 1509

Delta R.T. 0.00 min

Lab File: BF095776.D

Acq: 8 Jun 2017 11:16

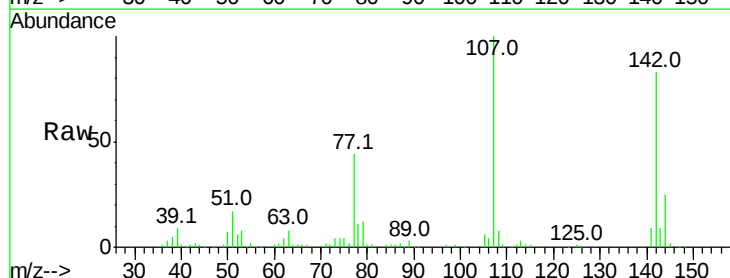
Tgt Ion:107 Resp: 165696

Ion Ratio Lower Upper

107 100

144 24.8 24.2 36.4

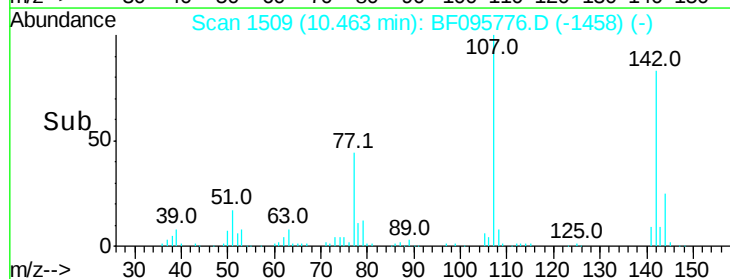
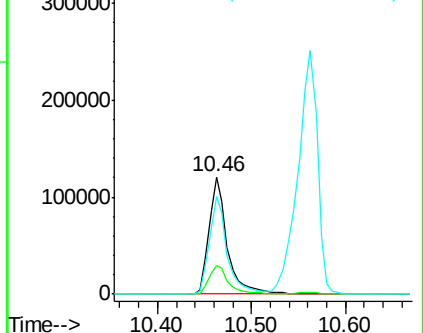
142 83.0 73.4 110.0

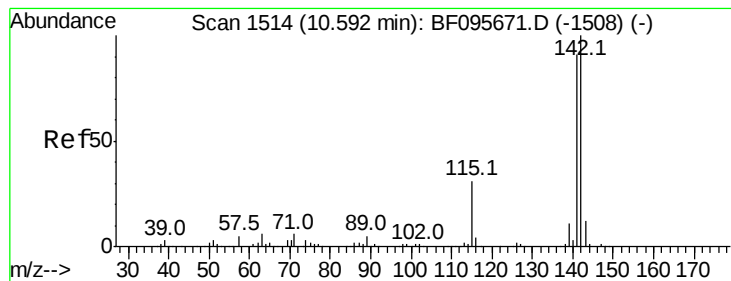


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.04 ng

RT: 10.56 min Scan# 1526

Delta R.T. 0.00 min

Lab File: BF095776.D

Acq: 8 Jun 2017 11:16

Instrument :

BNA_F

ClientSampleId :

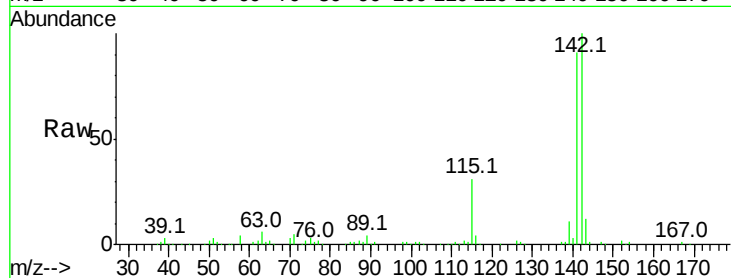
Tot Ion:142 Resp: 367153

Ion Ratio Lower Upper

142 100

141 91.2 71.3 106.9

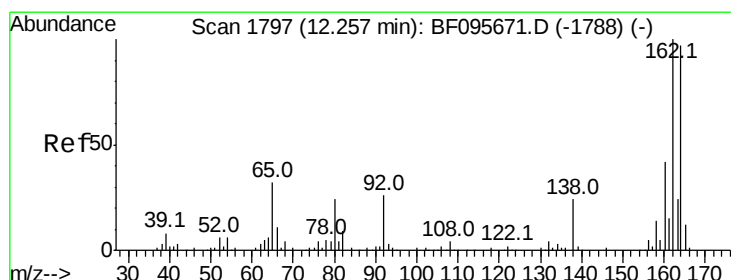
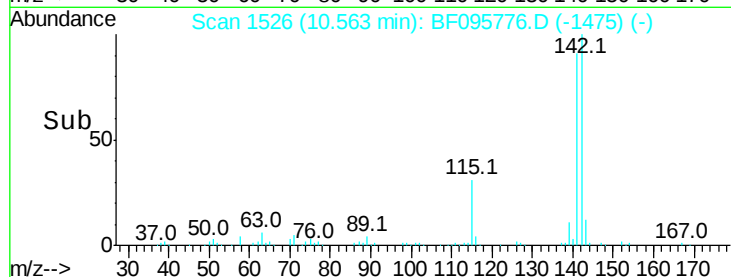
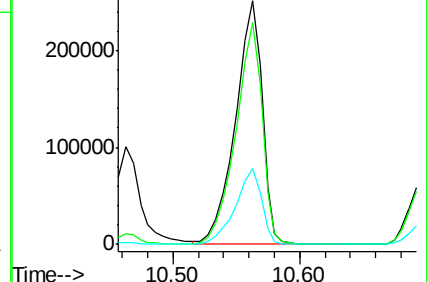
115 31.4 27.1 40.7



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: 12.23 min Scan# 1809

Delta R.T. 0.00 min

Lab File: BF095776.D

Acq: 8 Jun 2017 11:16

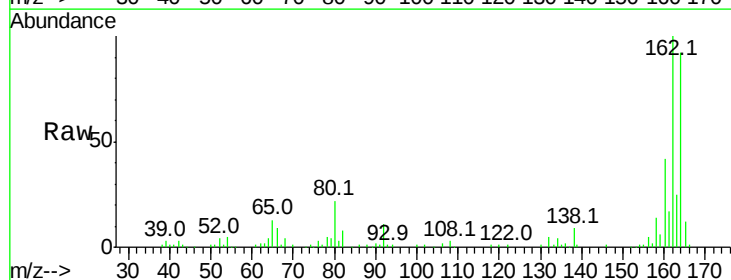
Tgt Ion:164 Resp: 119590

Ion Ratio Lower Upper

164 100

162 108.2 82.6 123.8

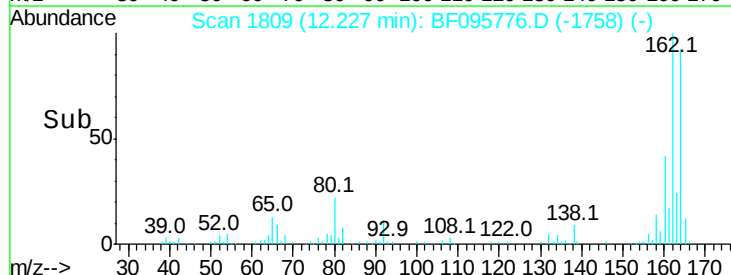
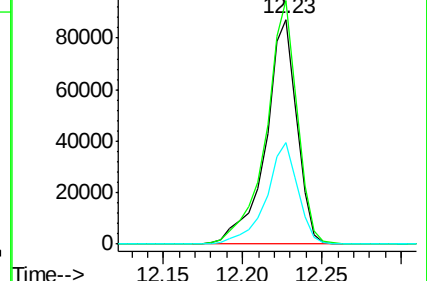
160 45.4 36.2 54.2



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: 40.60 ng

RT: 10.85 min Scan# 1574

Delta R.T. 0.00 min

Lab File: BF095776.D

Acq: 8 Jun 2017 11:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 145320

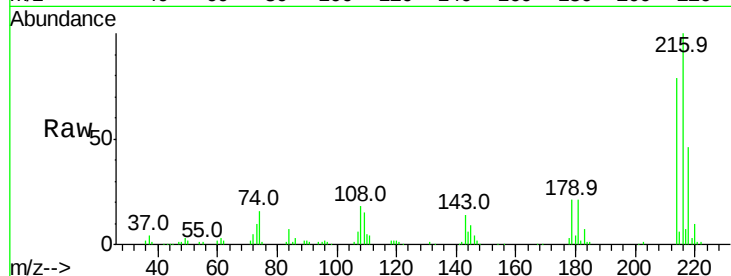
Ion Ratio Lower Upper

216 100

214 78.8 63.4 95.2

179 21.8 17.9 26.9

108 20.0 16.5 24.7

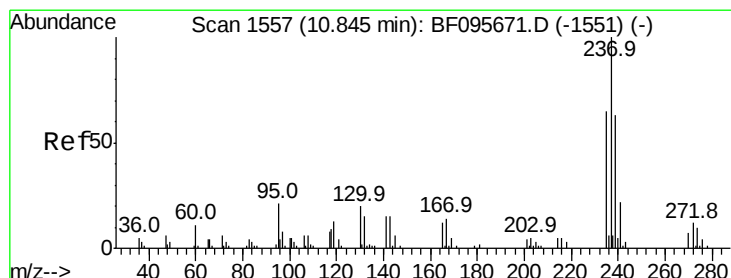
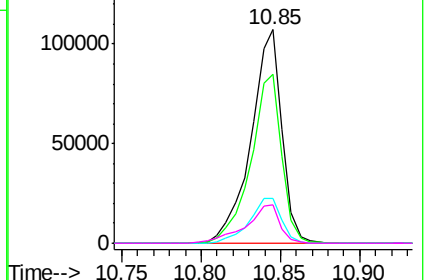
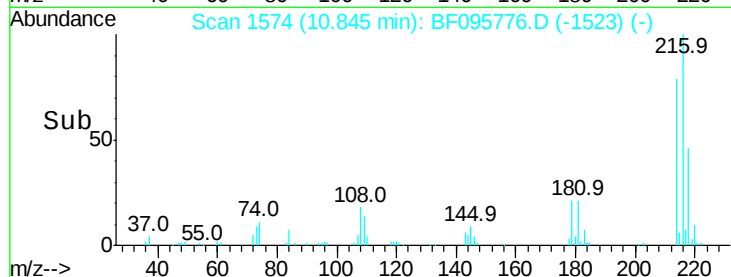


Abundance Ion 216.00 (215.70 to 216.70): E

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: 83.08 ng

RT: 10.82 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF095776.D

Acq: 8 Jun 2017 11:16

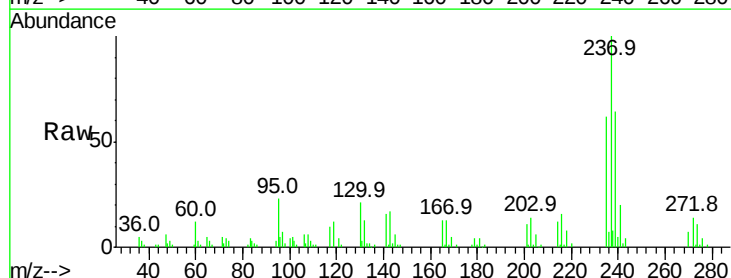
Tgt Ion:237 Resp: 93774

Ion Ratio Lower Upper

237 100

235 62.0 42.6 82.6

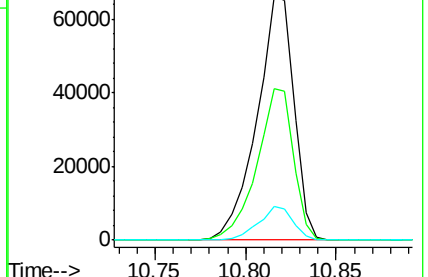
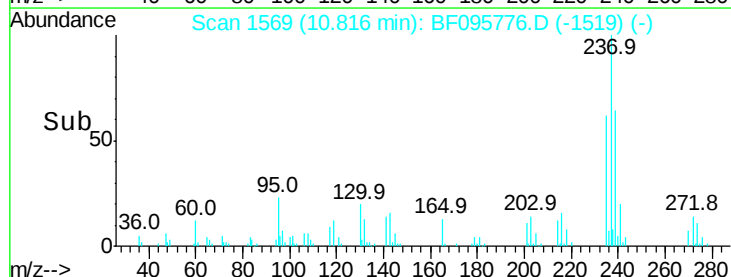
272 13.9 0.0 31.9

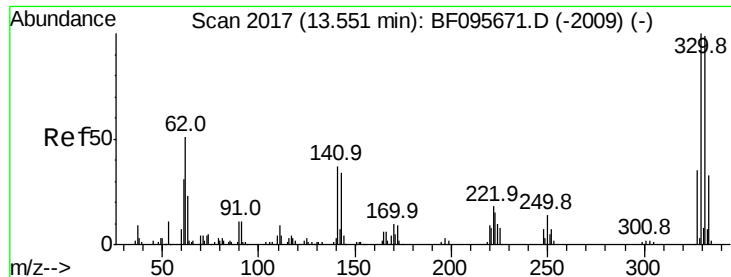


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

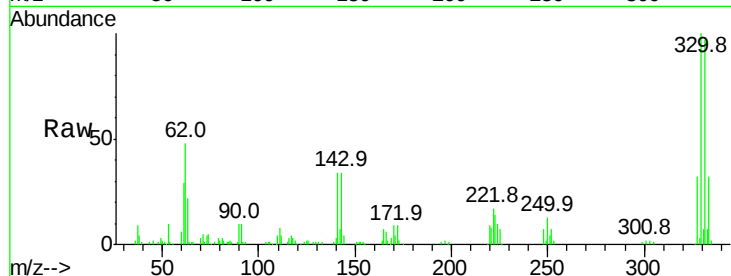




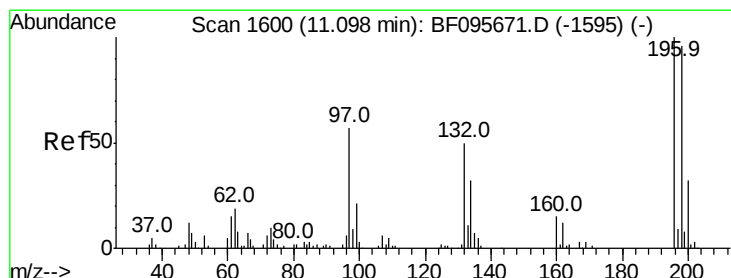
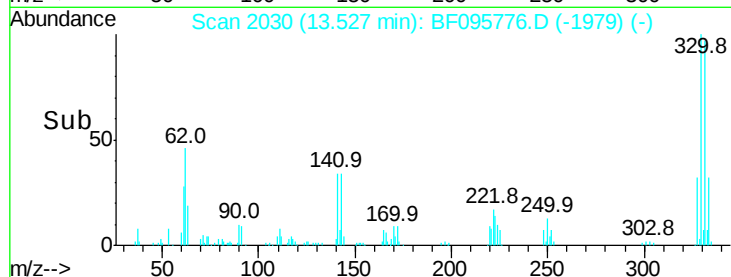
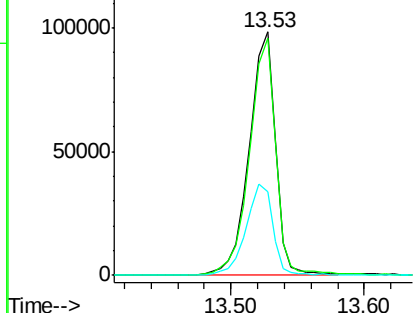
#41
 2,4,6-Tribromophenol
 Concen: 126.10 ng
 RT: 13.53 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: BF095776.D
 Acq: 8 Jun 2017 11:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 133429
 Ion Ratio Lower Upper
 330 100
 332 98.0 76.6 115.0
 141 38.7 31.4 47.2

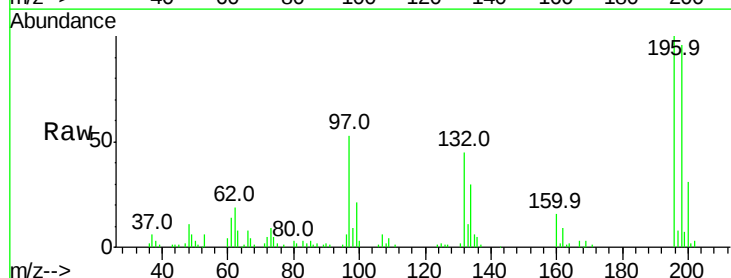


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

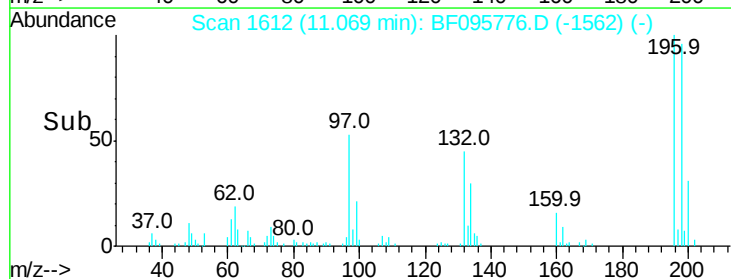
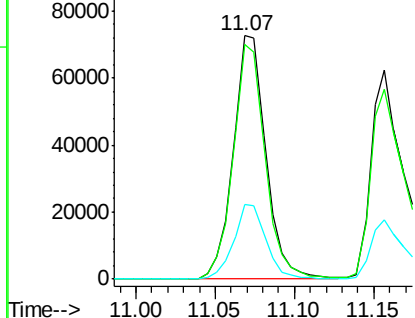


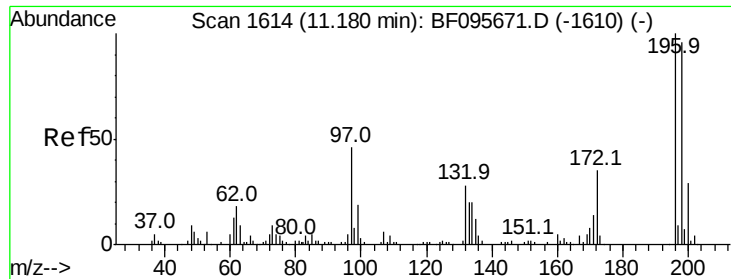
#42
 2,4,6-Trichlorophenol
 Concen: 45.17 ng
 RT: 11.07 min Scan# 1612
 Delta R.T. -0.01 min
 Lab File: BF095776.D
 Acq: 8 Jun 2017 11:16

Tgt Ion:196 Resp: 103948
 Ion Ratio Lower Upper
 196 100
 198 96.2 74.2 111.4
 200 30.6 24.0 36.0



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

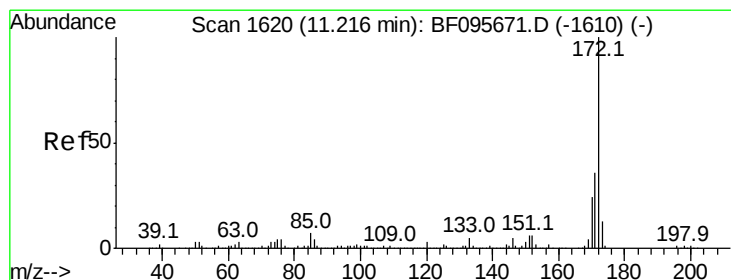
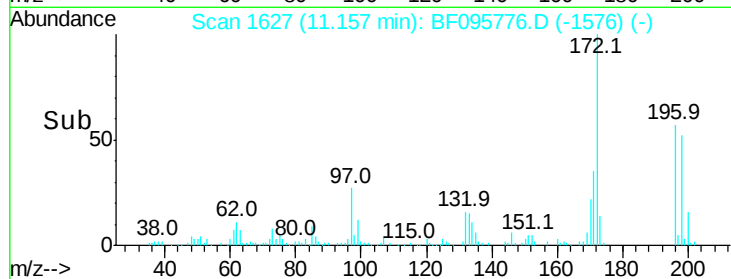
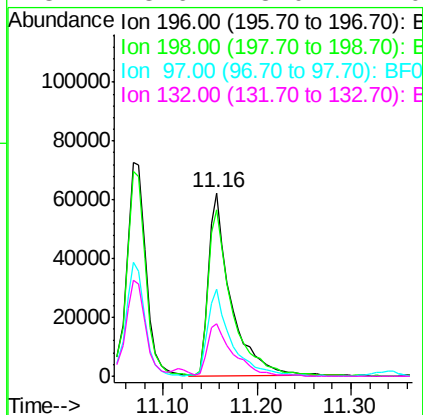
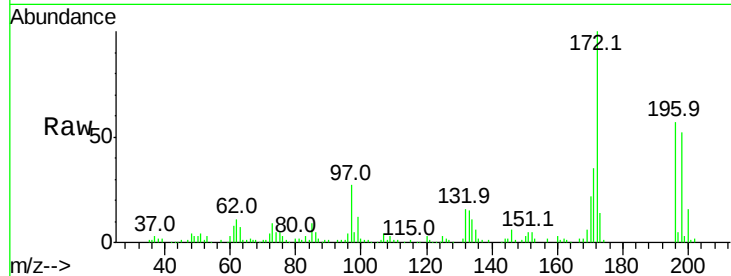




#43
 2,4,5-Trichlorophenol
 Concen: 42.30 ng
 RT: 11.16 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: BF095776.D
 Acq: 8 Jun 2017 11:16

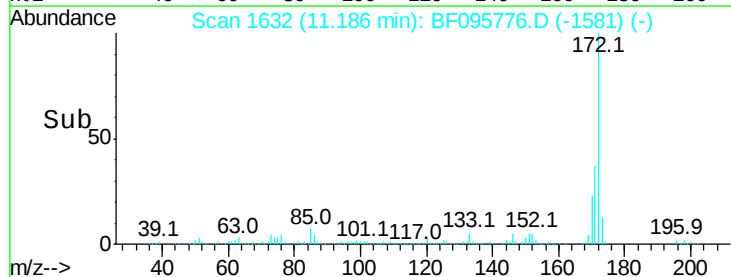
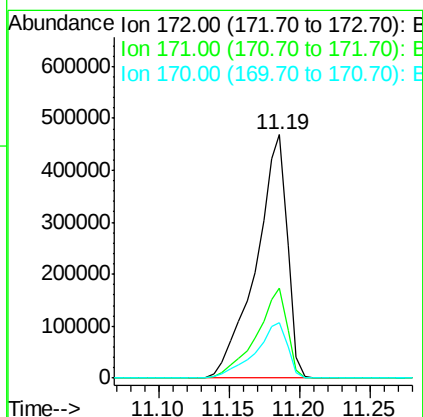
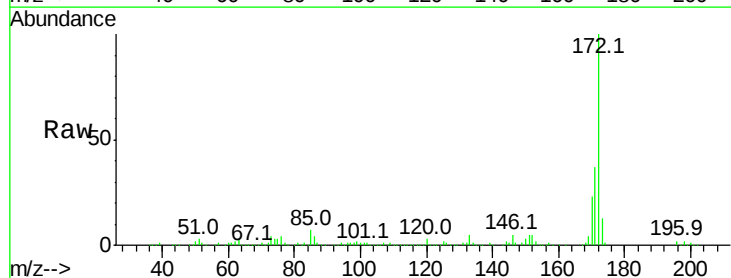
Instrument :
 BNA_F
 ClientSampleId :

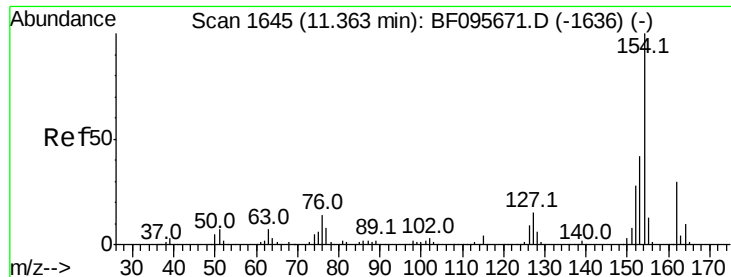
Tot Ion	Ratio	Lower	Upper
196	100		
198	90.8	75.7	113.5
97	47.6	47.7	71.5#
132	28.6	28.0	42.0



#44
 2-Fluorobiphenyl
 Concen: 84.89 ng
 RT: 11.19 min Scan# 1632
 Delta R.T. 0.00 min
 Lab File: BF095776.D
 Acq: 8 Jun 2017 11:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.6	44.4
170	23.0	19.8	29.8





#45

1,1'-Biphenyl

Concen: 42.47 ng

RT: 11.33 min Scan# 1657

Delta R.T. 0.00 min

Lab File: BF095776.D

Acq: 8 Jun 2017 11:16

Instrument :

BNA_F

ClientSampleId :

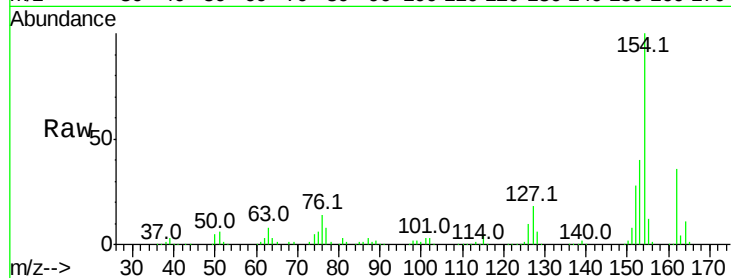
Tot Ion:154 Resp: 418600

Ion Ratio Lower Upper

154 100

153 39.8 21.2 61.2

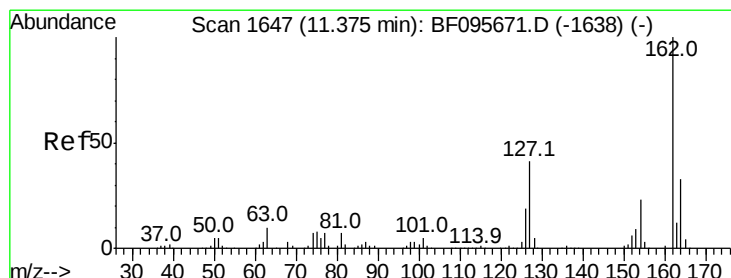
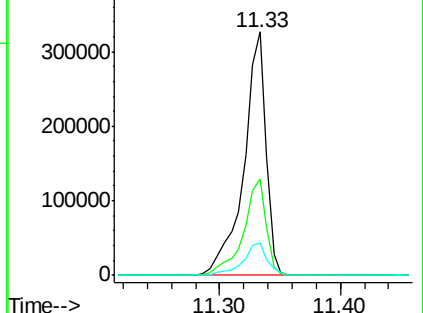
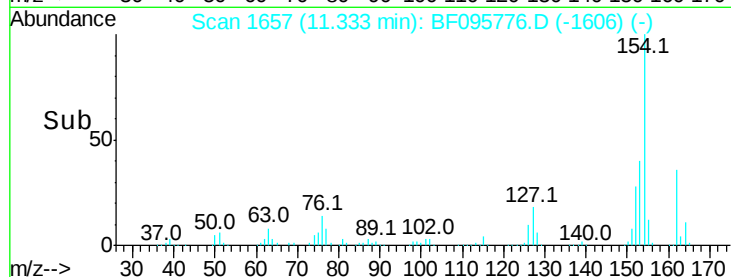
76 13.6 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 42.03 ng

RT: 11.35 min Scan# 1659

Delta R.T. -0.01 min

Lab File: BF095776.D

Acq: 8 Jun 2017 11:16

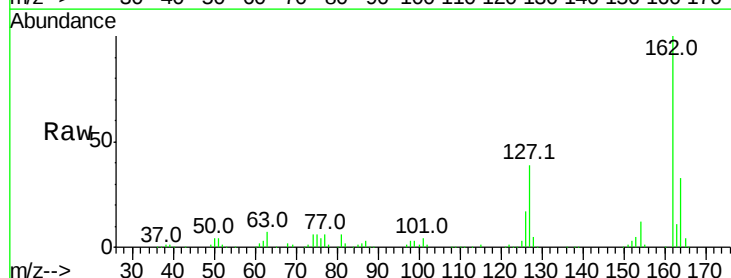
Tgt Ion:162 Resp: 323663

Ion Ratio Lower Upper

162 100

127 38.5 28.3 42.5

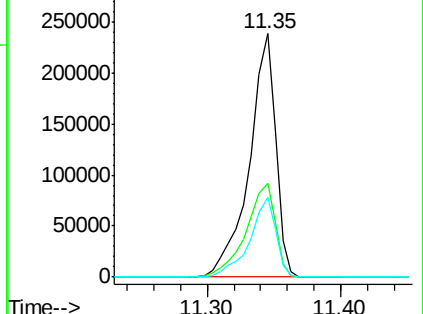
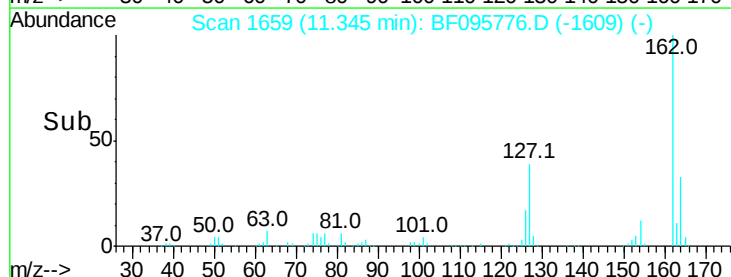
164 32.8 27.0 40.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

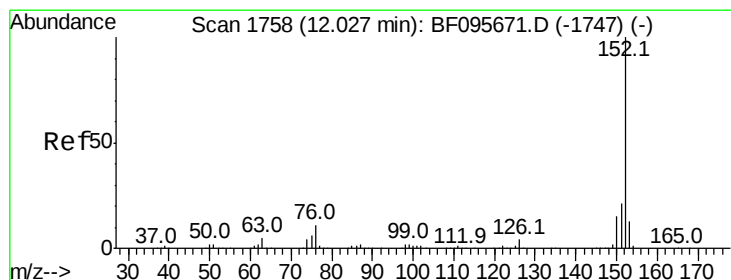
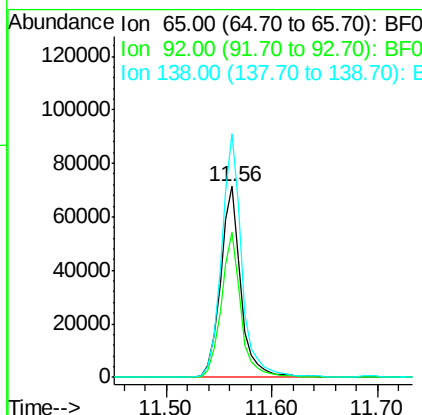
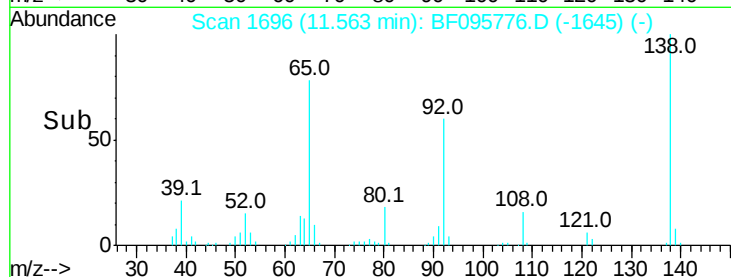
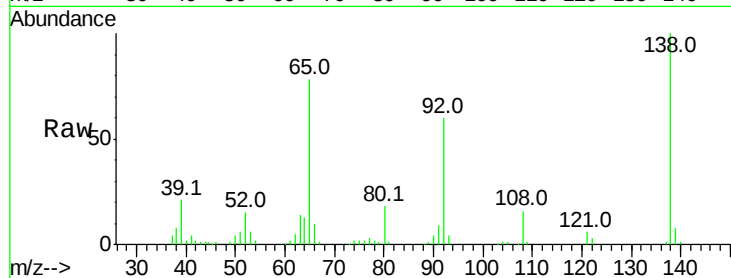




#47
 2-Nitroaniline
 Concen: 42.33 ng
 RT: 11.56 min Scan# 1696
 Delta R.T. 0.00 min
 Lab File: BF095776.D
 Acq: 8 Jun 2017 11:16

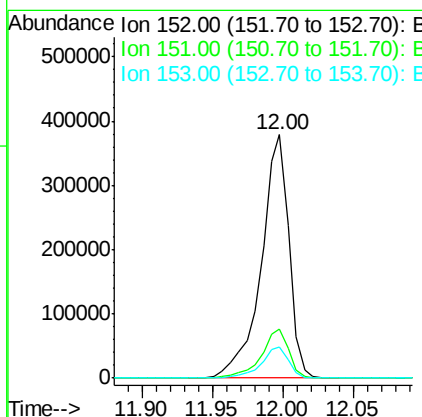
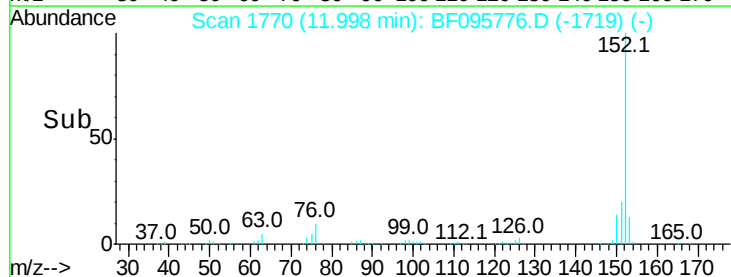
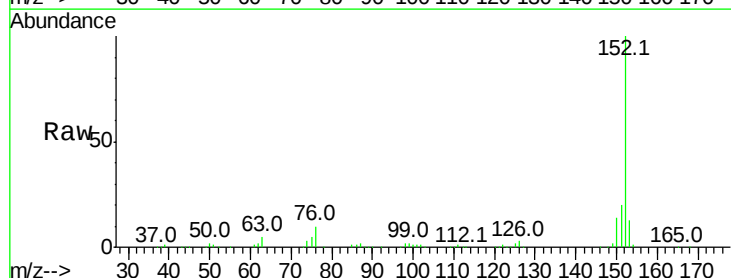
Instrument :
 BNA_F
 ClientSampleId :

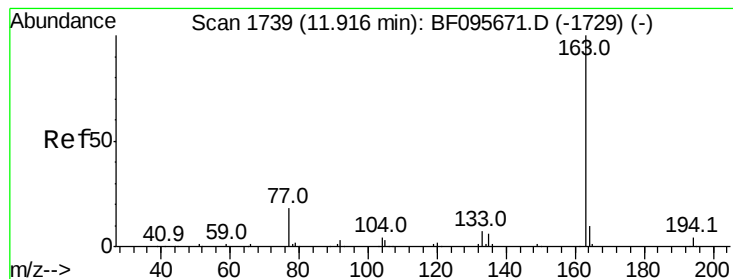
Tot Ion: 65 Resp: 95406
 Ion Ratio Lower Upper
 65 100
 92 76.1 53.9 80.9
 138 127.5 78.8 118.2#



#48
 Acenaphthylene
 Concen: 39.74 ng
 RT: 12.00 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: BF095776.D
 Acq: 8 Jun 2017 11:16

Tgt Ion:152 Resp: 523277
 Ion Ratio Lower Upper
 152 100
 151 20.1 16.8 25.2
 153 12.7 10.8 16.2





#49

Dimethylphthalate

Concen: 43.39 ng

RT: 11.89 min Scan# 1751

Delta R.T. -0.01 min

Lab File: BF095776.D

Acq: 8 Jun 2017 11:16

Instrument :

BNA_F

ClientSampleId :

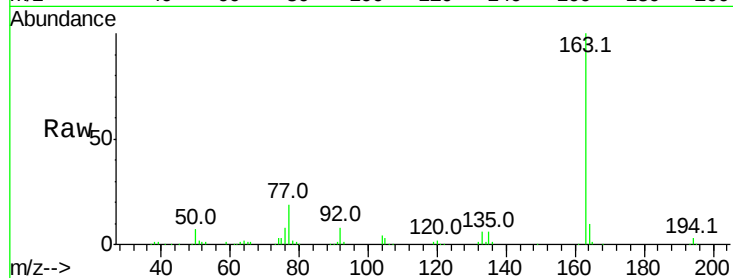
Tot Ion:163 Resp: 393982

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

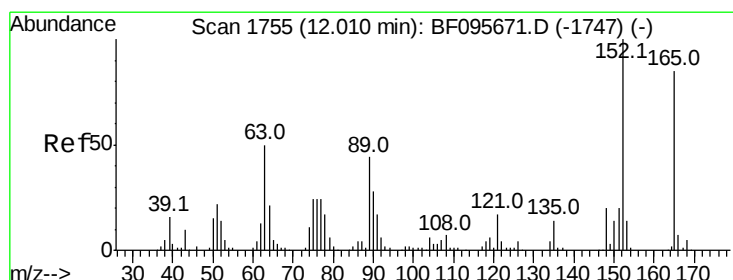
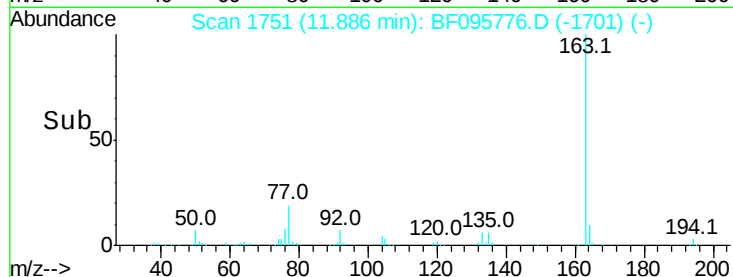
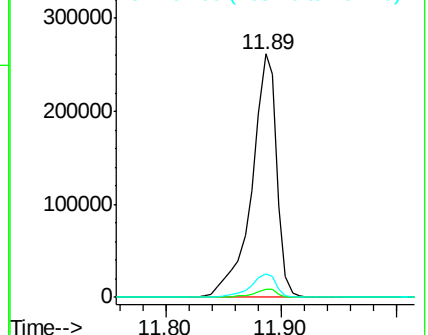
164 9.7 8.4 12.6



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: 43.04 ng

RT: 11.98 min Scan# 1767

Delta R.T. -0.01 min

Lab File: BF095776.D

Acq: 8 Jun 2017 11:16

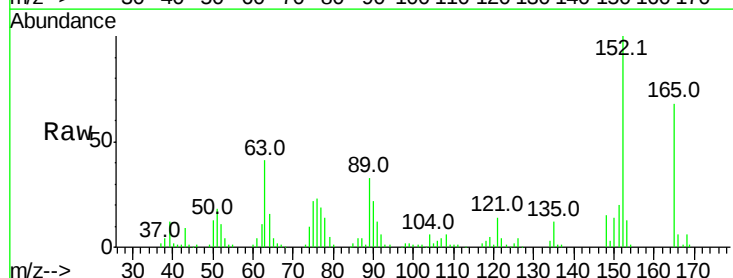
Tgt Ion:165 Resp: 85247

Ion Ratio Lower Upper

165 100

63 60.2 34.3 51.5#

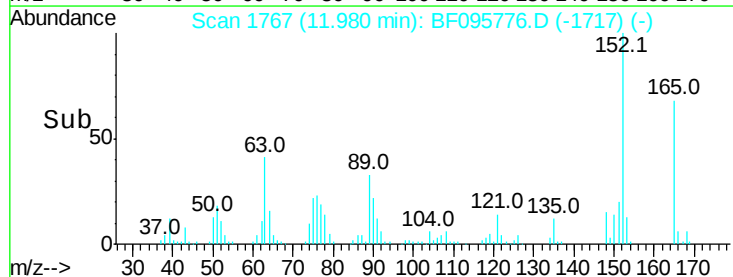
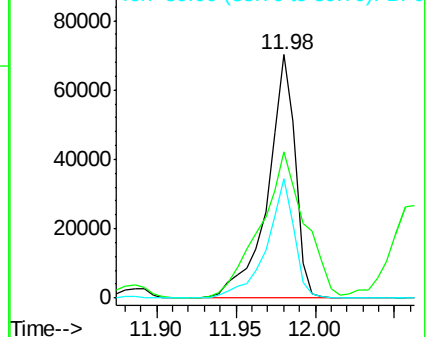
89 49.2 37.1 55.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.77 ng

RT: 12.28 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF095776.D

Acq: 8 Jun 2017 11:16

Instrument :

BNA_F

ClientSampleId :

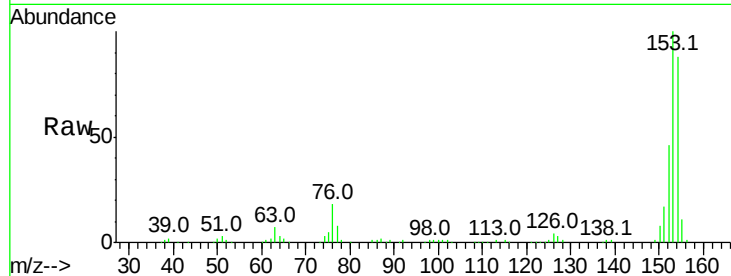
Tot Ion:154 Resp: 310088

Ion Ratio Lower Upper

154 100

153 113.9 90.5 135.7

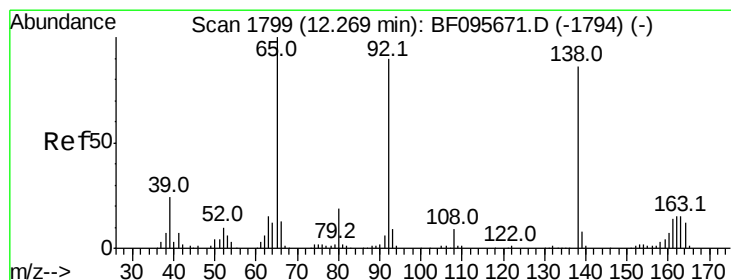
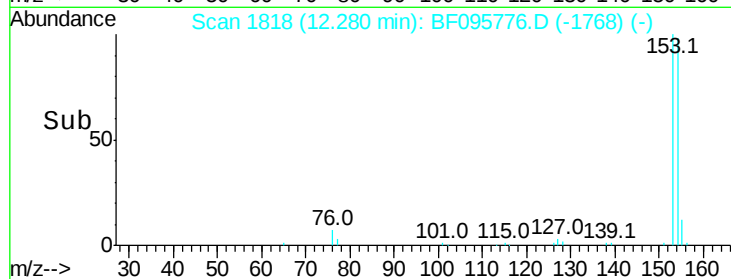
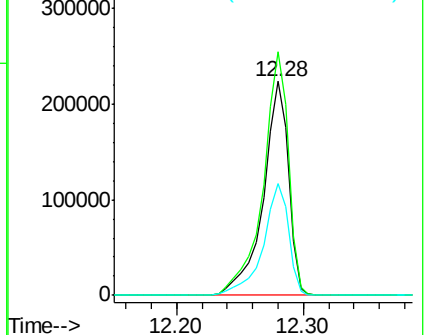
152 52.3 43.6 65.4



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: 26.07 ng

RT: 12.24 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BF095776.D

Acq: 8 Jun 2017 11:16

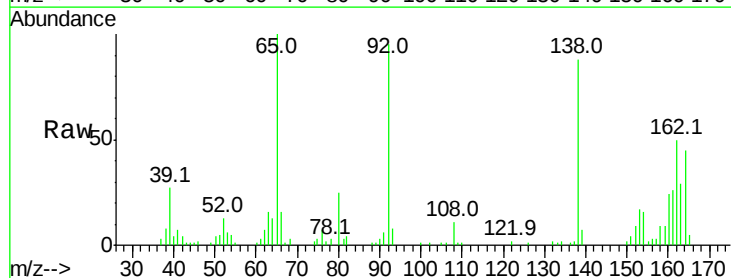
Tgt Ion:138 Resp: 60161

Ion Ratio Lower Upper

138 100

108 12.0 9.1 13.7

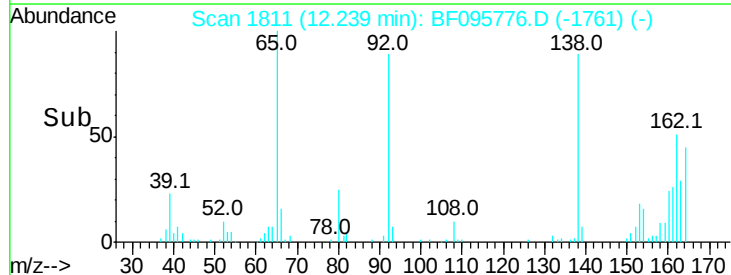
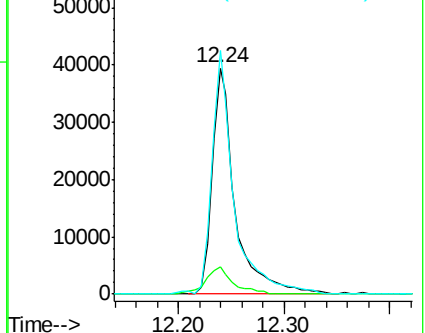
92 107.7 93.8 140.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

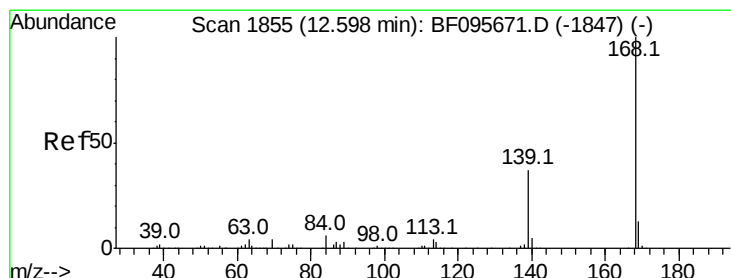
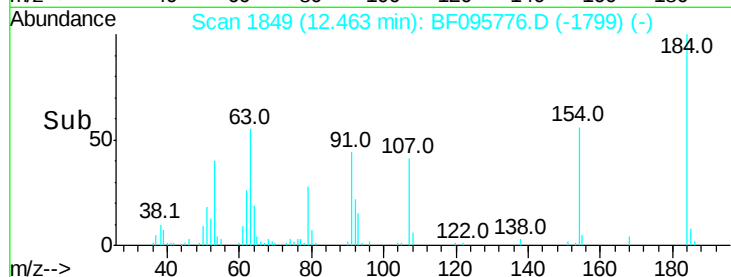
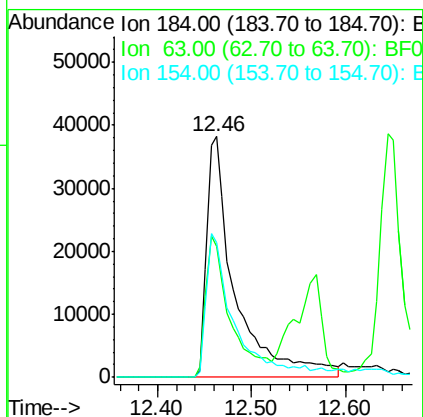
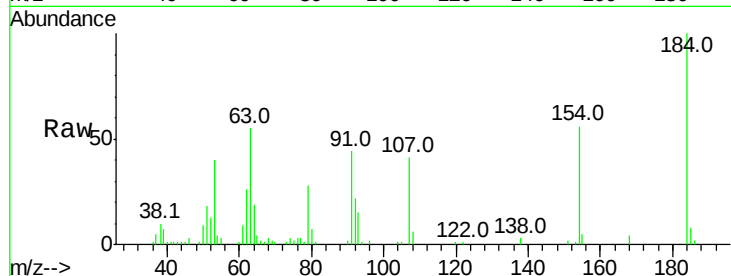




#53
 2,4-Dinitrophenol
 Concen: 72.81 ng
 RT: 12.46 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF095776.D
 Acq: 8 Jun 2017 11:16

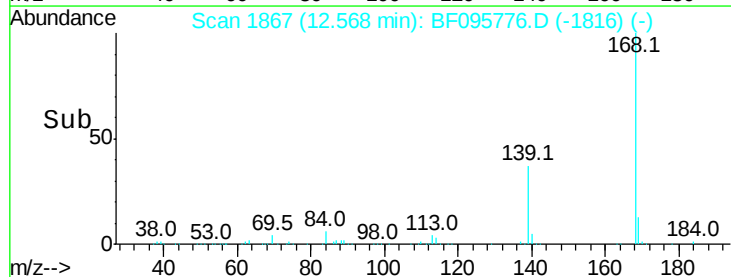
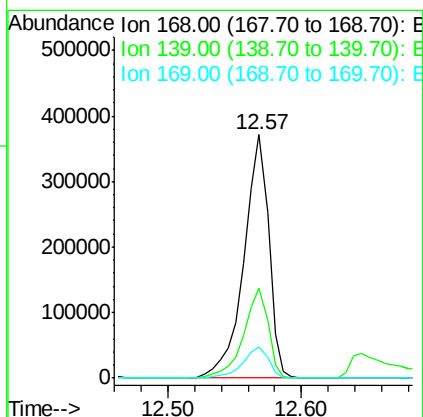
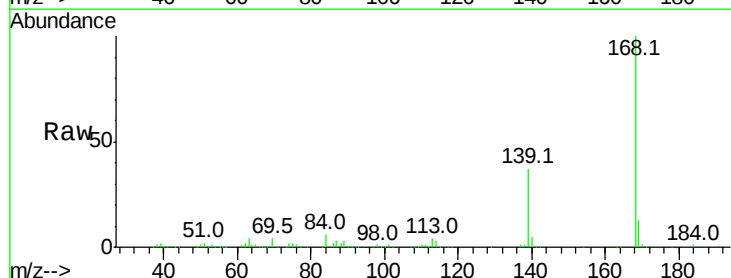
Instrument :
 BNA_F
 ClientSampleId :

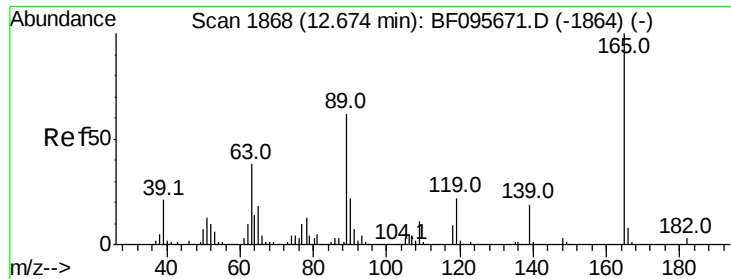
Tot Ion:184 Resp: 80943
 Ion Ratio Lower Upper
 184 100
 63 54.6 62.7 94.1#
 154 55.9 81.1 121.7#



#54
 Dibenzofuran
 Concen: 44.55 ng
 RT: 12.57 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: BF095776.D
 Acq: 8 Jun 2017 11:16

Tgt Ion:168 Resp: 476926
 Ion Ratio Lower Upper
 168 100
 139 37.1 30.6 45.8
 169 12.8 10.8 16.2

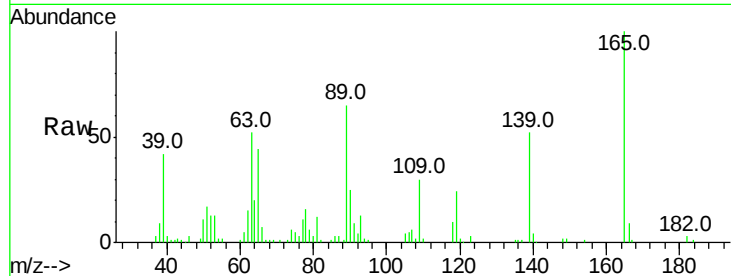




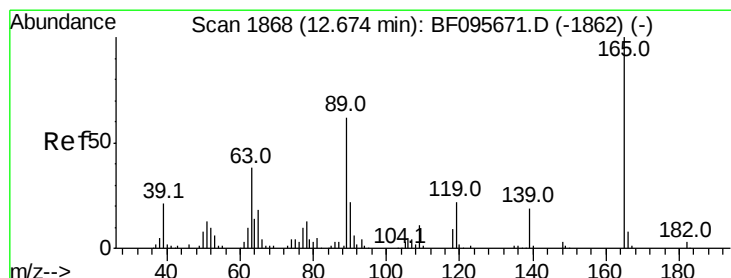
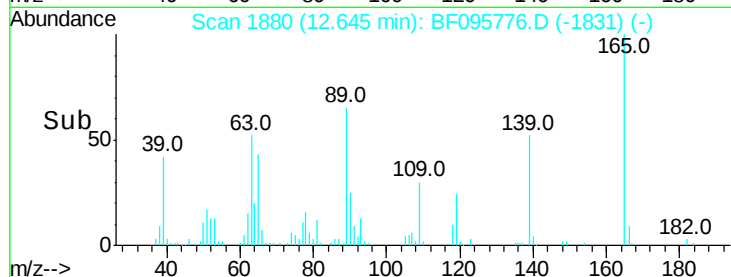
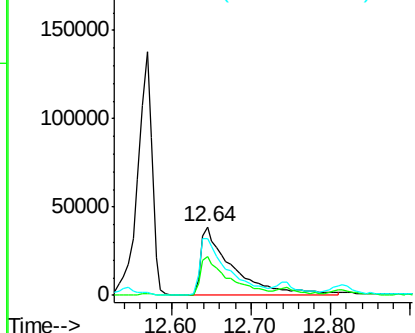
#55
4-Nitrophenol
Concen: 80.63 ng
RT: 12.64 min Scan# 1880
Delta R.T. -0.01 min
Lab File: BF095776.D
Acq: 8 Jun 2017 11:16

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 108677
Ion Ratio Lower Upper
139 100
109 57.2 34.1 74.1
65 83.9 31.4 71.4#

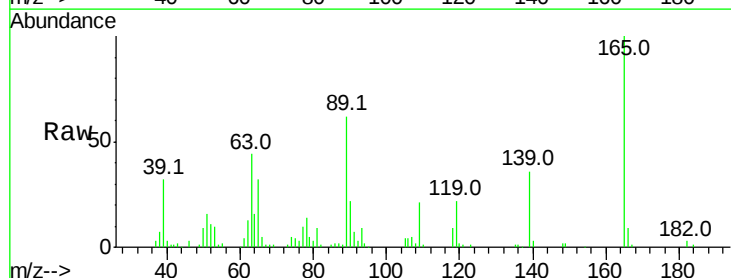


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

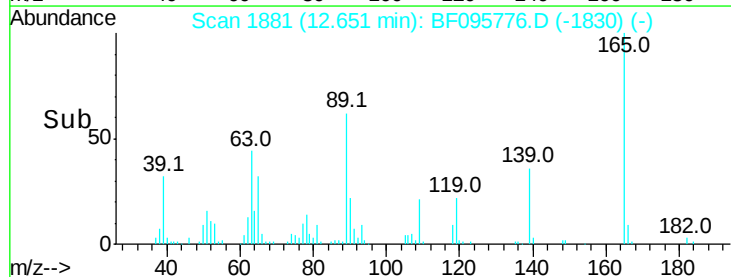
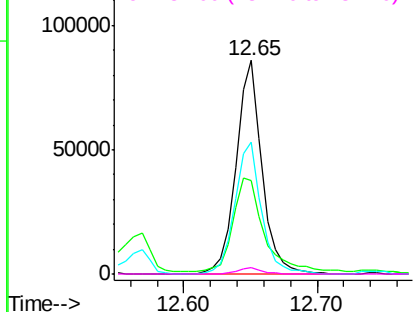


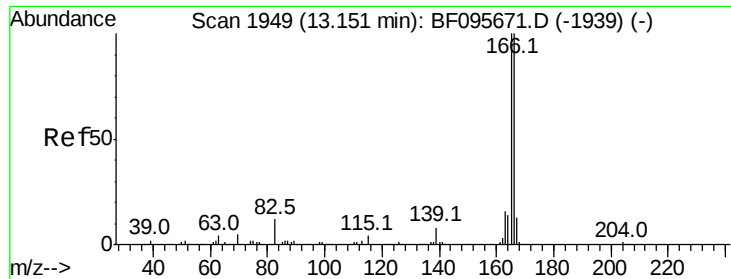
#56
2,4-Dinitrotoluene
Concen: 43.32 ng
RT: 12.65 min Scan# 1881
Delta R.T. 0.00 min
Lab File: BF095776.D
Acq: 8 Jun 2017 11:16

Tgt Ion:165 Resp: 115888
Ion Ratio Lower Upper
165 100
63 43.9 25.4 38.0#
89 61.8 46.4 69.6
182 3.1 1.8 2.6#



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
Ion 182.00 (181.70 to 182.70): E

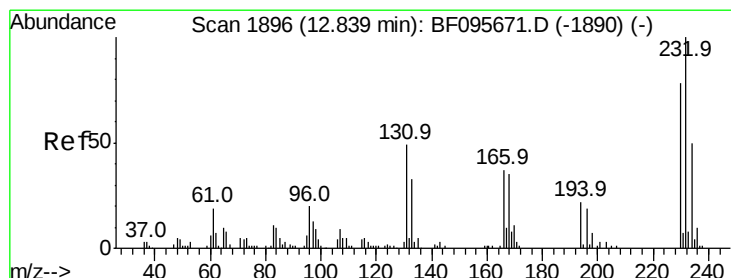
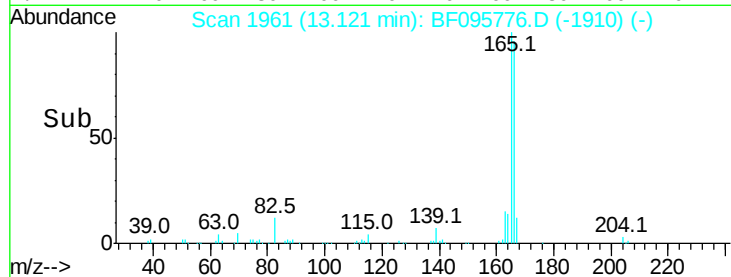
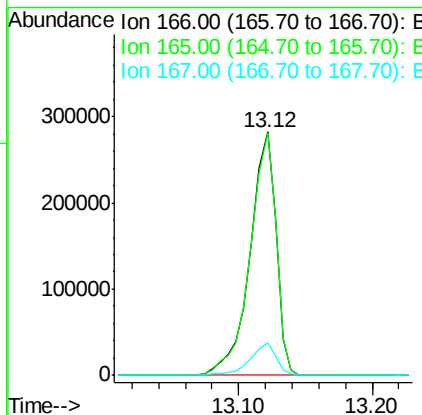
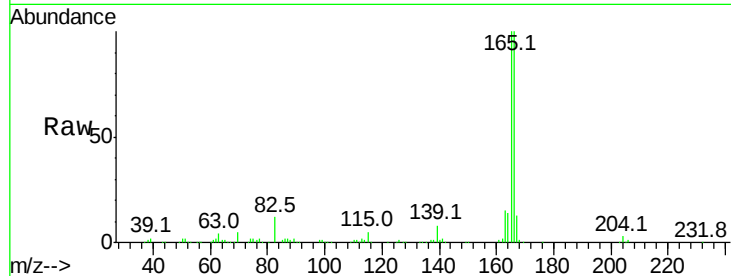




#57
 Fluorene
 Concen: 40.72 ng
 RT: 13.12 min Scan# 1961
 Delta R.T. 0.00 min
 Lab File: BF095776.D
 Acq: 8 Jun 2017 11:16

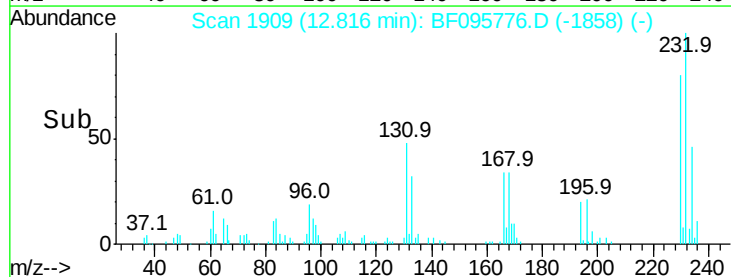
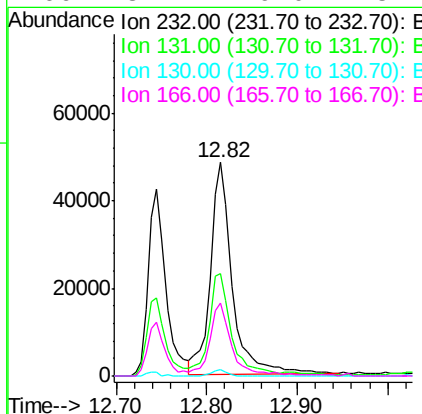
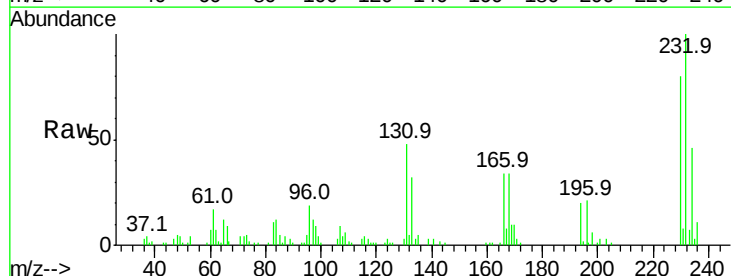
Instrument :
 BNA_F
 ClientSampleId :

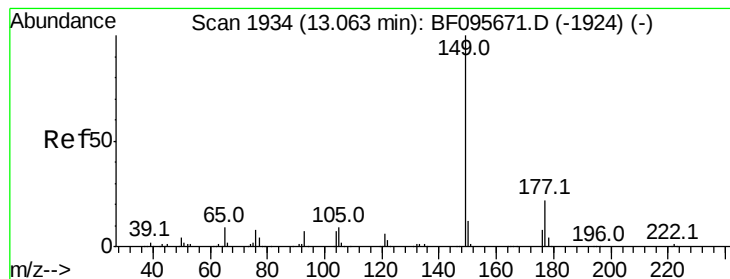
Tot Ion:166 Resp: 379349
 Ion Ratio Lower Upper
 166 100
 165 99.5 78.8 118.2
 167 13.1 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.92 ng
 RT: 12.82 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: BF095776.D
 Acq: 8 Jun 2017 11:16

Tgt Ion:232 Resp: 81933
 Ion Ratio Lower Upper
 232 100
 131 46.1 44.8 67.2
 130 2.0 2.3 3.5#
 166 31.4 29.0 43.4





#59

Diethylphthalate

Concen: 43.49 ng

RT: 13.04 min Scan# 1947

Delta R.T. 0.01 min

Lab File: BF095776.D

Acq: 8 Jun 2017 11:16

Instrument :

BNA_F

ClientSampleId :

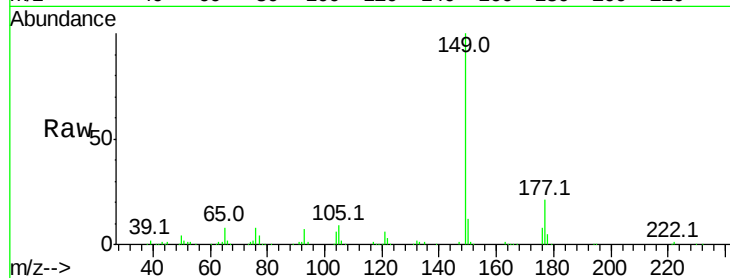
Tot Ion:149 Resp: 380077

Ion Ratio Lower Upper

149 100

177 21.2 16.7 25.1

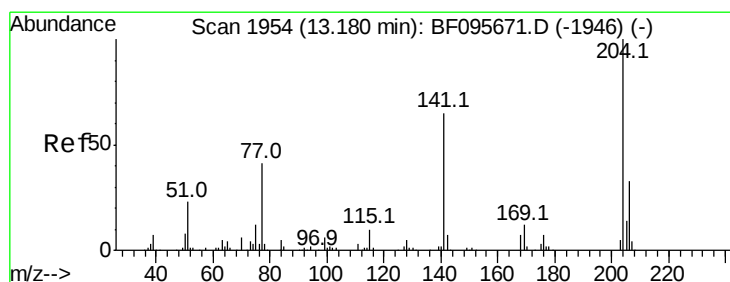
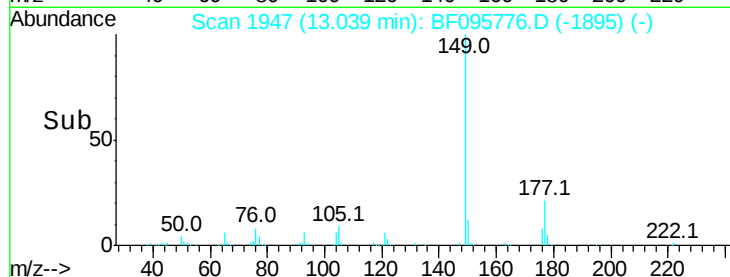
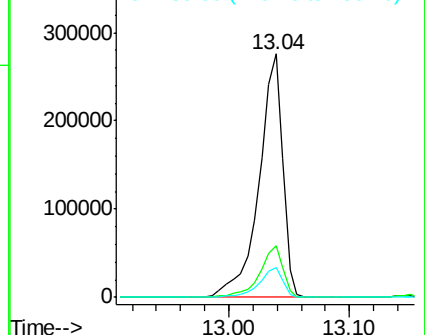
150 12.1 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 41.94 ng

RT: 13.15 min Scan# 1966

Delta R.T. 0.00 min

Lab File: BF095776.D

Acq: 8 Jun 2017 11:16

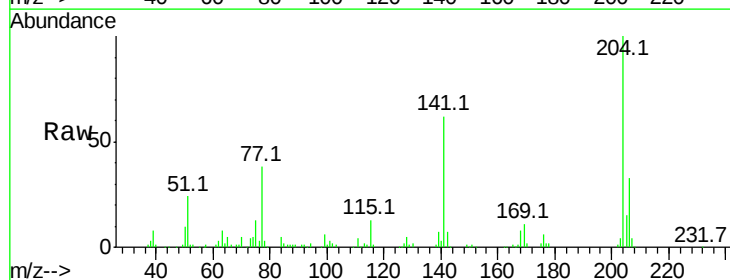
Tgt Ion:204 Resp: 169903

Ion Ratio Lower Upper

204 100

206 33.2 26.2 39.2

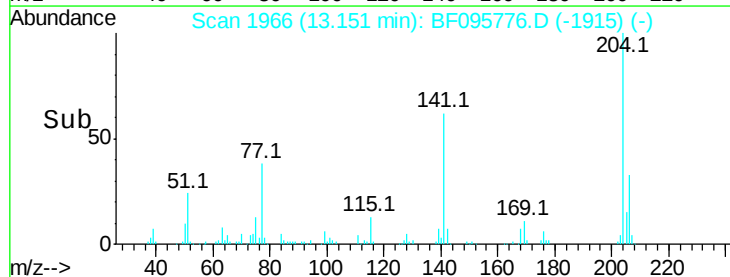
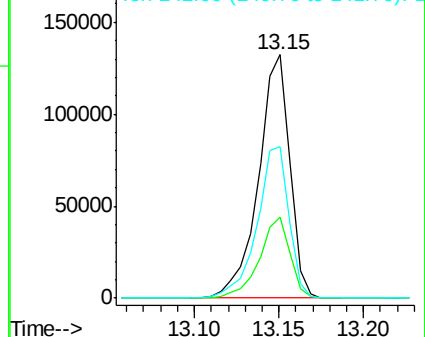
141 62.0 60.8 91.2

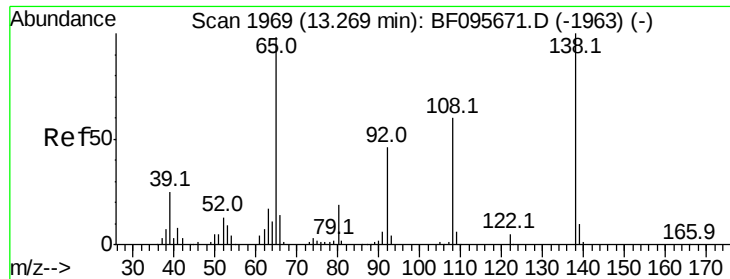


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

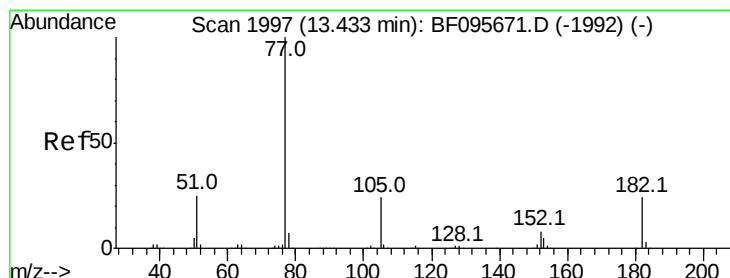
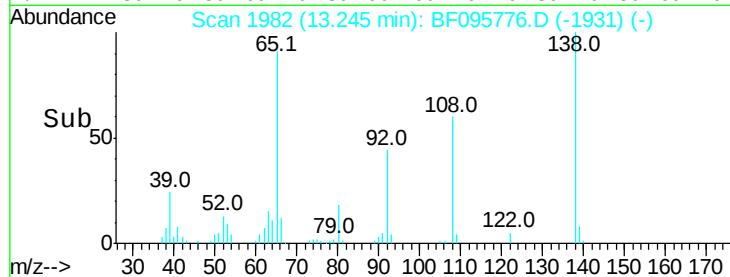
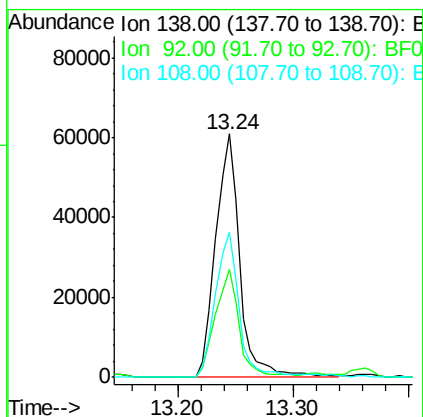
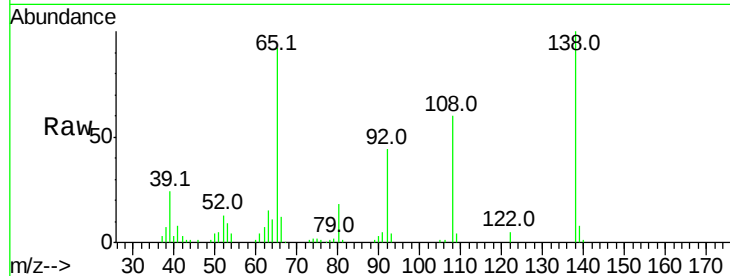




#61
4-Nitroaniline
Concen: 41.34 ng
RT: 13.24 min Scan# 1982
Delta R.T. 0.00 min
Lab File: BF095776.D
Acq: 8 Jun 2017 11:16

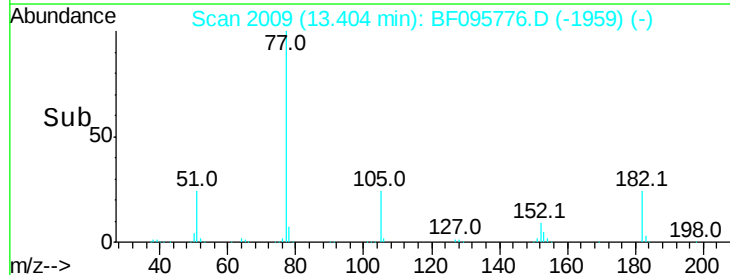
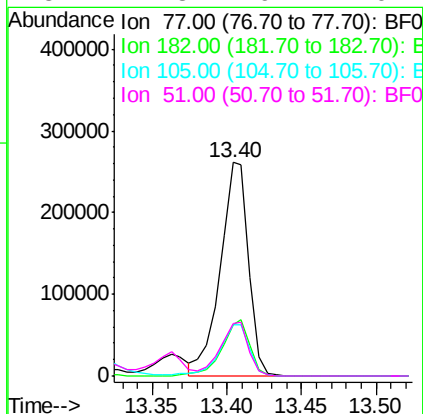
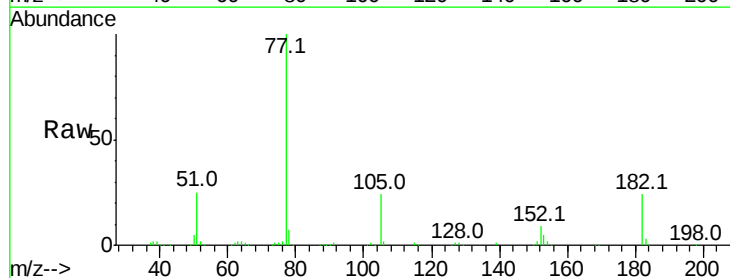
Instrument :
BNA_F
ClientSampleId :

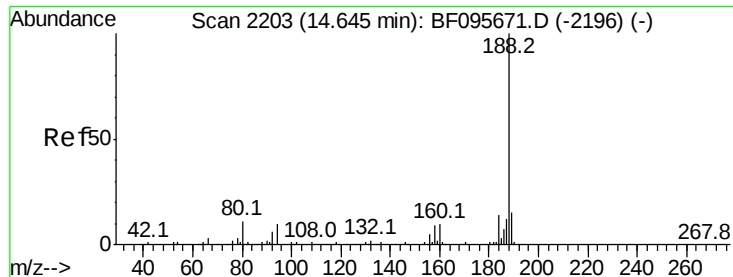
Tot Ion:138 Resp: 89064
Ion Ratio Lower Upper
138 100
92 44.4 21.8 61.8
108 59.6 42.3 82.3



#62
Azobenzene
Concen: 44.03 ng
RT: 13.40 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF095776.D
Acq: 8 Jun 2017 11:16

Tgt Ion: 77 Resp: 348722
Ion Ratio Lower Upper
77 100
182 23.9 0.1 40.1
105 23.7 3.6 43.6
51 24.8 9.4 49.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.62 min Scan# 2216

Delta R.T. 0.00 min

Lab File: BF095776.D

Acq: 8 Jun 2017 11:16

Instrument :

BNA_F

ClientSampleId :

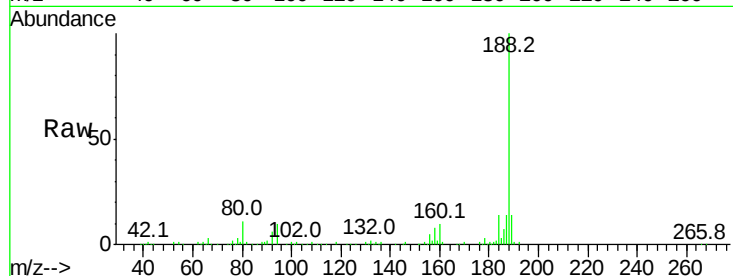
Tot Ion:188 Resp: 220147

Ion Ratio Lower Upper

188 100

94 9.8 9.4 14.2

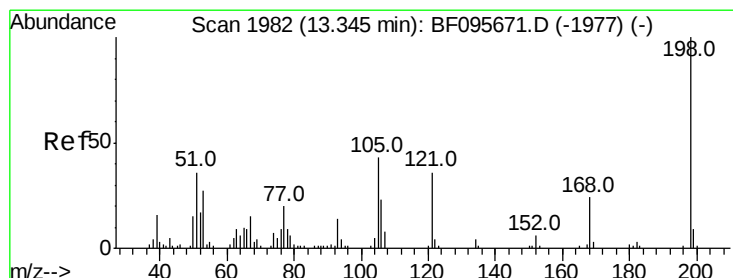
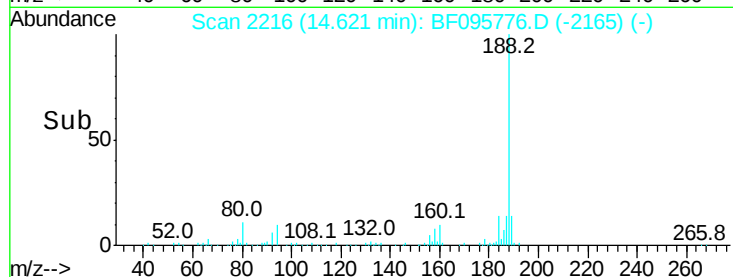
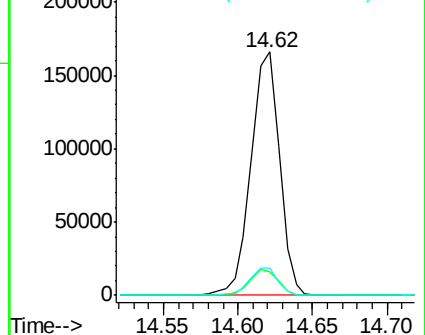
80 11.2 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

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: 38.88 ng

RT: 13.32 min Scan# 1995

Delta R.T. 0.00 min

Lab File: BF095776.D

Acq: 8 Jun 2017 11:16

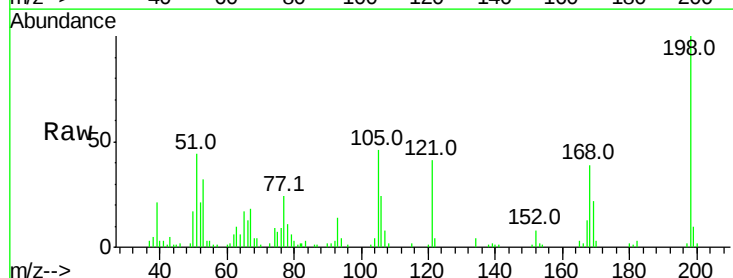
Tgt Ion:198 Resp: 56254

Ion Ratio Lower Upper

198 100

51 43.9 53.2 93.2#

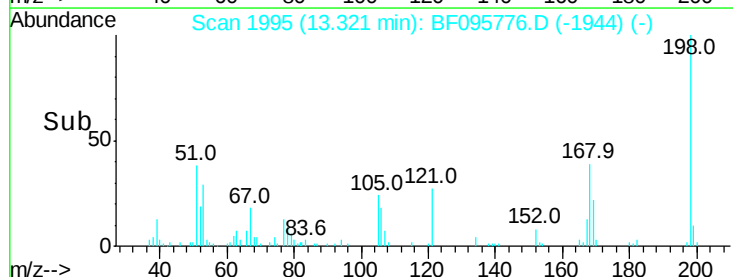
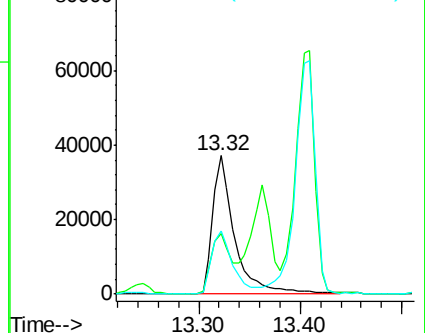
105 46.1 45.8 85.8

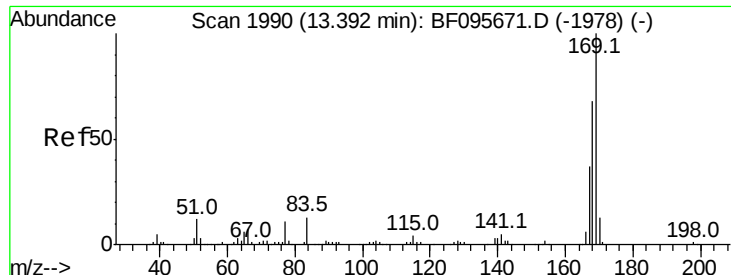


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 41.86 ng

RT: 13.36 min Scan# 2002

Delta R.T. 0.00 min

Lab File: BF095776.D

Acq: 8 Jun 2017 11:16

Instrument :

BNA_F

ClientSampleId :

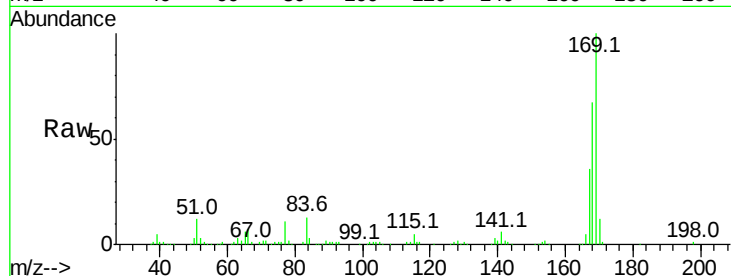
Tot Ion:169 Resp: 331115

Ion Ratio Lower Upper

169 100

168 66.5 53.2 79.8

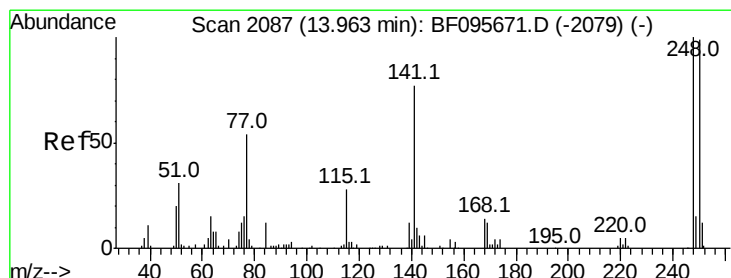
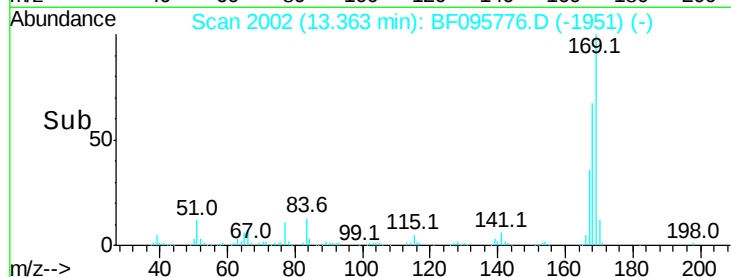
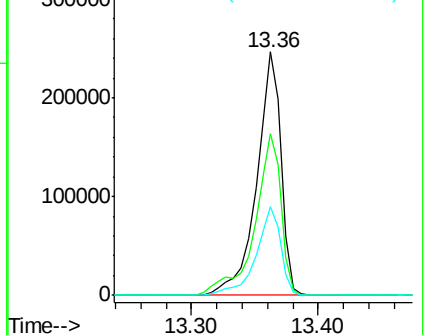
167 36.2 29.5 44.3



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: 42.40 ng

RT: 13.93 min Scan# 2098

Delta R.T. -0.01 min

Lab File: BF095776.D

Acq: 8 Jun 2017 11:16

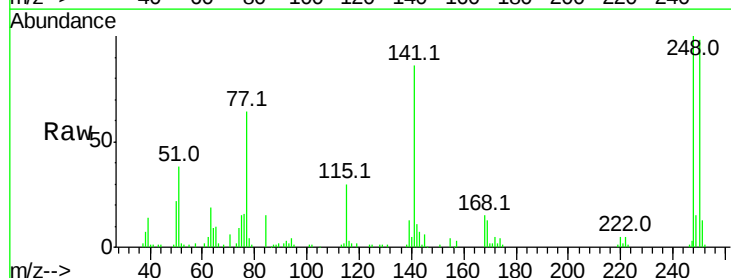
Tgt Ion:248 Resp: 97007

Ion Ratio Lower Upper

248 100

250 98.0 76.8 115.2

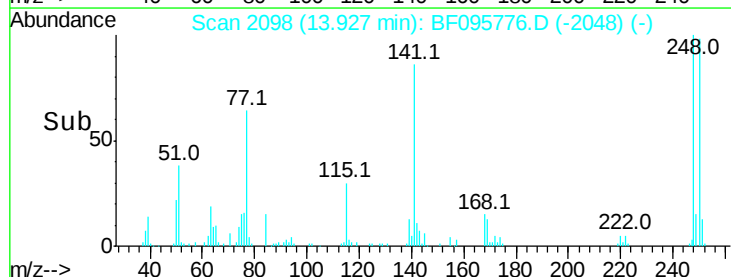
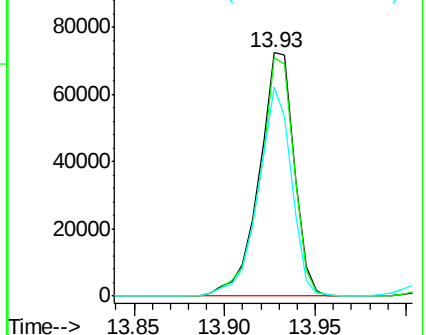
141 85.8 68.6 103.0



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

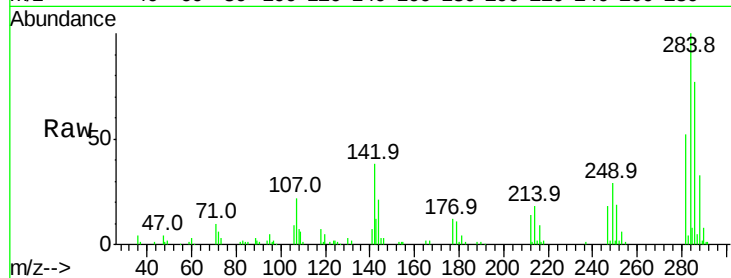




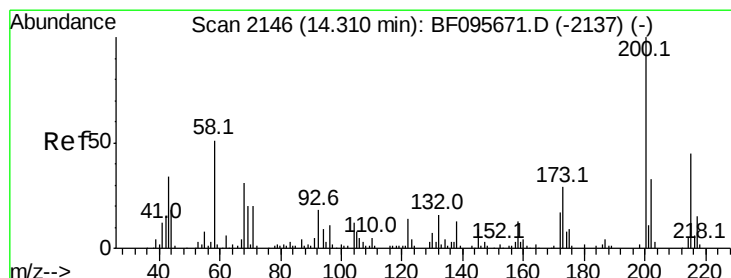
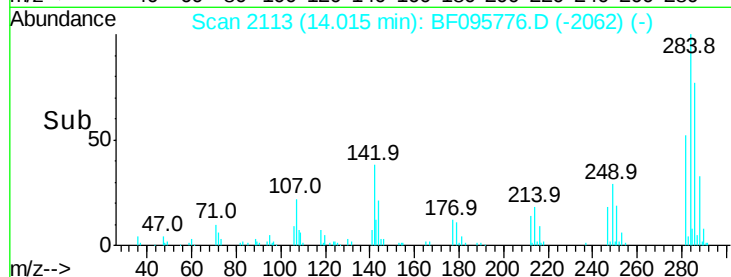
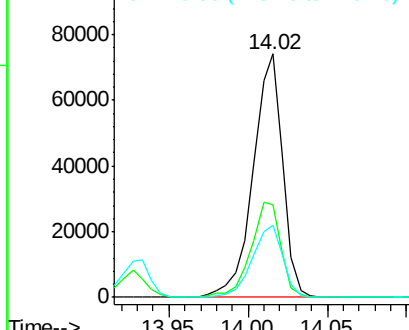
#67
Hexachlorobenzene
Concen: 42.63 ng
RT: 14.02 min Scan# 2113
Delta R.T. 0.00 min
Lab File: BF095776.D
Acq: 8 Jun 2017 11:16

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 96119
Ion Ratio Lower Upper
284 100
142 37.8 22.8 34.2#
249 29.4 24.0 36.0

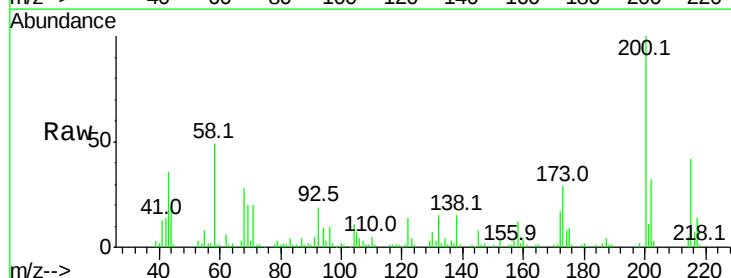


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

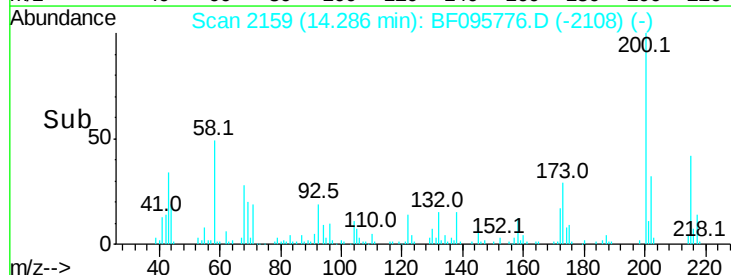
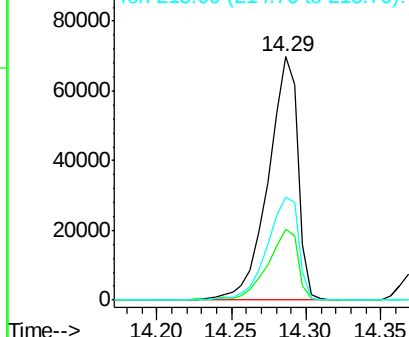


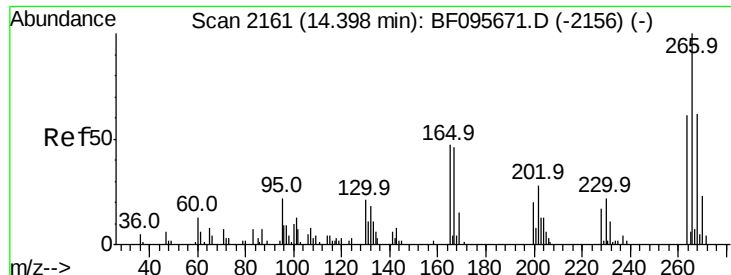
#68
Atrazine
Concen: 43.96 ng
RT: 14.29 min Scan# 2159
Delta R.T. 0.00 min
Lab File: BF095776.D
Acq: 8 Jun 2017 11:16

Tgt Ion:200 Resp: 96772
Ion Ratio Lower Upper
200 100
173 29.1 6.3 46.3
215 42.3 27.2 67.2



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

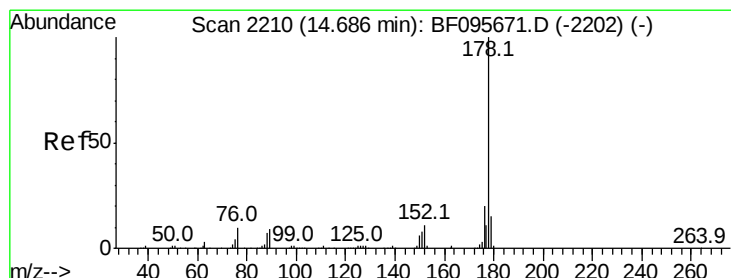
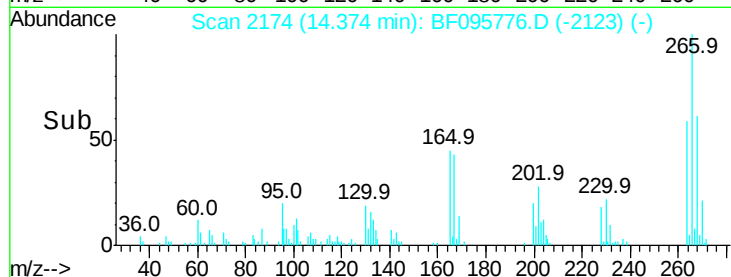
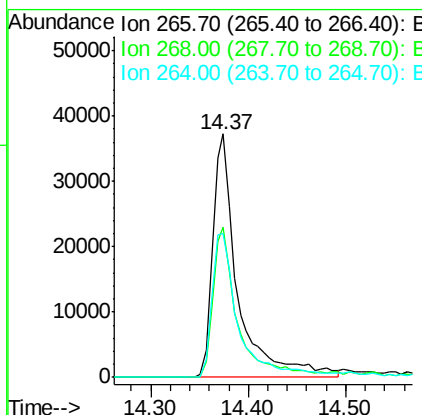
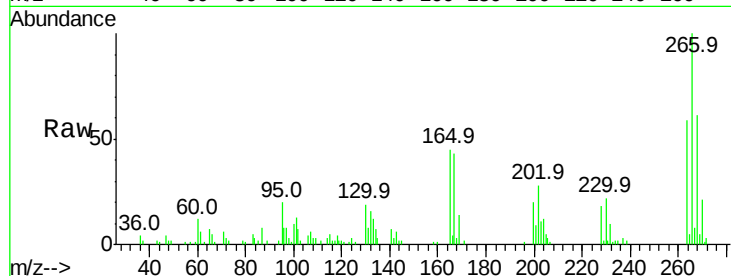




#69
 Pentachlorophenol
 Concen: 77.84 ng
 RT: 14.37 min Scan# 2174
 Delta R.T. 0.00 min
 Lab File: BF095776.D
 Acq: 8 Jun 2017 11:16

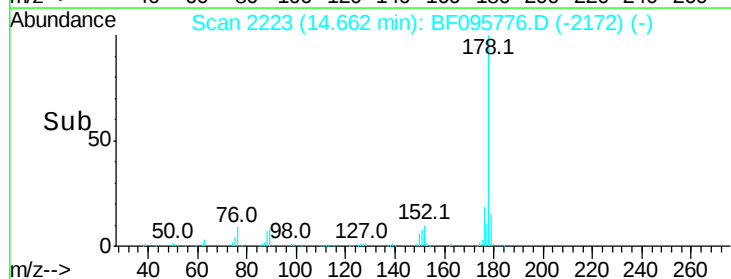
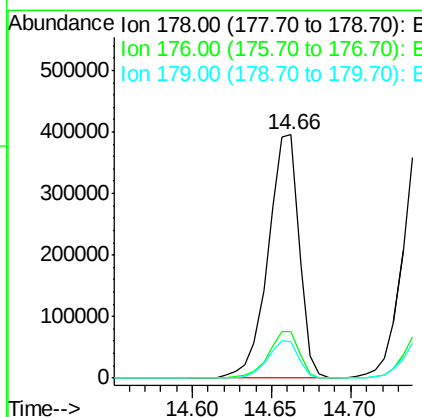
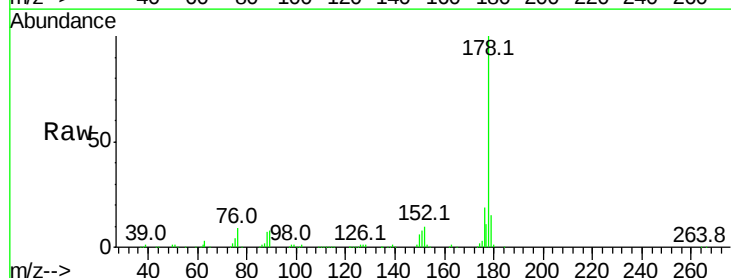
Instrument :
 BNA_F
 ClientSampled :

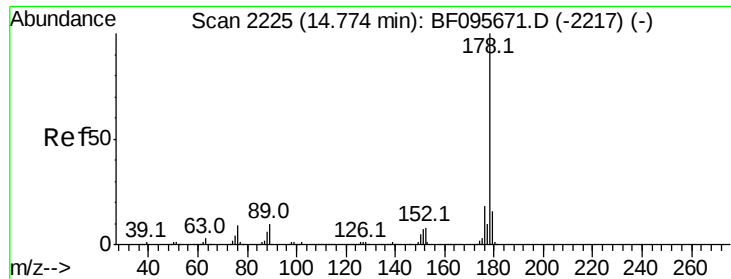
Tot Ion:266 Resp: 66378
 Ion Ratio Lower Upper
 266 100
 268 61.5 51.1 76.7
 264 59.1 51.7 77.5



#70
 Phenanthrene
 Concen: 42.52 ng
 RT: 14.66 min Scan# 2223
 Delta R.T. 0.00 min
 Lab File: BF095776.D
 Acq: 8 Jun 2017 11:16

Tgt Ion:178 Resp: 540112
 Ion Ratio Lower Upper
 178 100
 176 19.0 16.2 24.4
 179 14.9 12.6 19.0

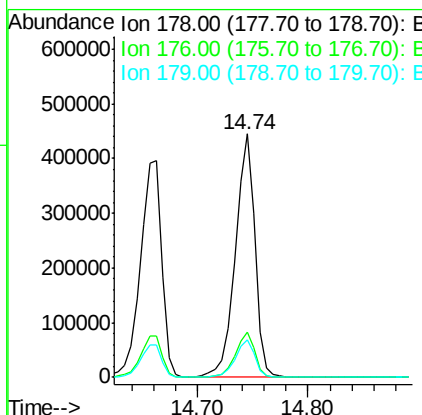
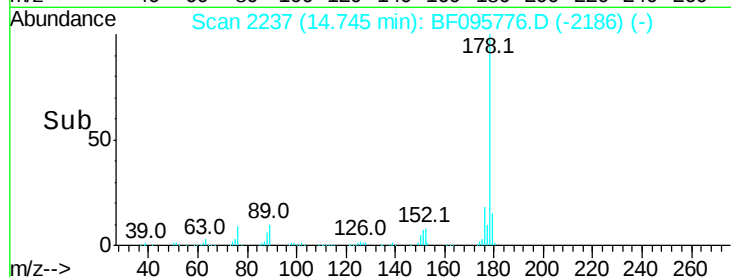
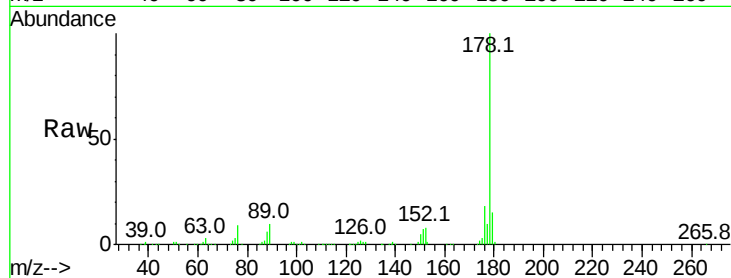




#71
 Anthracene
 Concen: 41.84 ng
 RT: 14.74 min Scan# 2237
 Delta R.T. 0.00 min
 Lab File: BF095776.D
 Acq: 8 Jun 2017 11:16

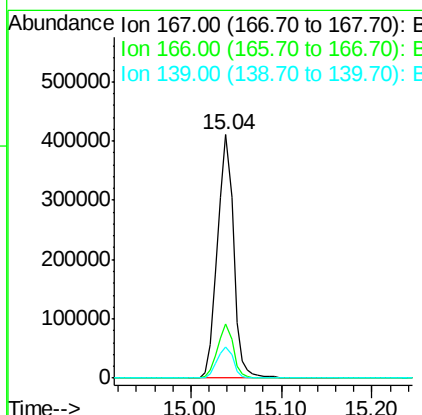
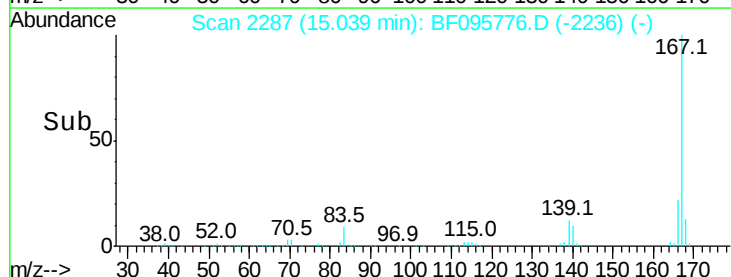
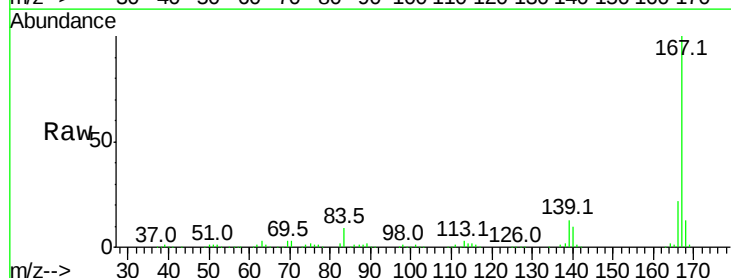
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 554885
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.8 23.8
 179 15.3 12.7 19.1



#72
 Carbazole
 Concen: 39.18 ng
 RT: 15.04 min Scan# 2287
 Delta R.T. 0.00 min
 Lab File: BF095776.D
 Acq: 8 Jun 2017 11:16

Tgt Ion:167 Resp: 506293
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.1 27.1
 139 12.9 11.7 17.5





#73

Di-n-butylphthalate

Concen: 44.73 ng

RT: 15.63 min Scan# 2388

Delta R.T. 0.00 min

Lab File: BF095776.D

Acq: 8 Jun 2017 11:16

Instrument :

BNA_F

ClientSampleId :

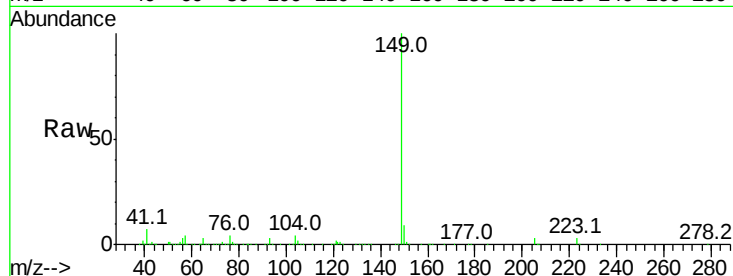
Tot Ion:149 Resp: 614953

Ion Ratio Lower Upper

149 100

150 8.9 7.7 11.5

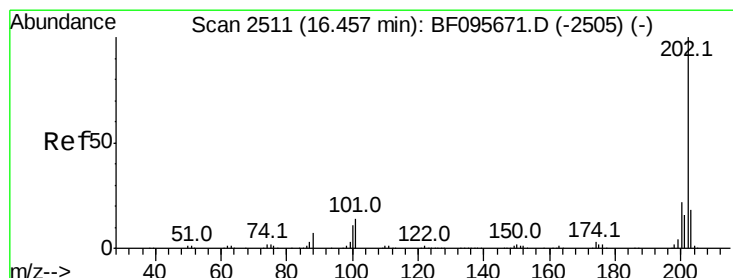
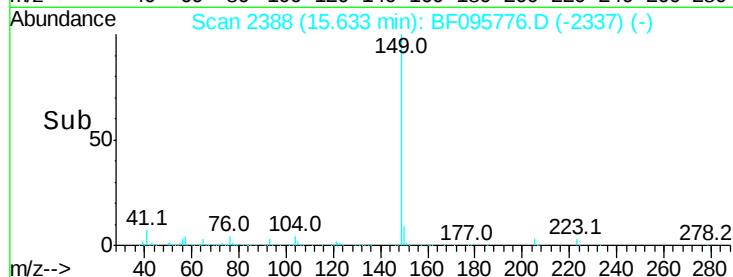
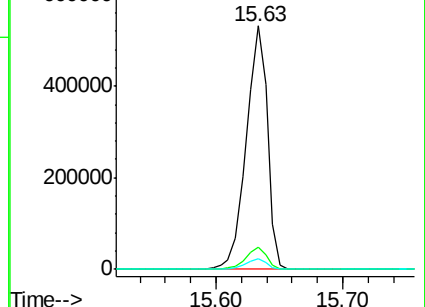
104 4.2 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.40 ng

RT: 16.44 min Scan# 2525

Delta R.T. 0.00 min

Lab File: BF095776.D

Acq: 8 Jun 2017 11:16

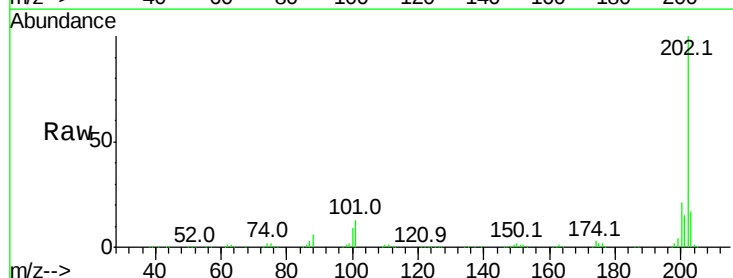
Tgt Ion:202 Resp: 545606

Ion Ratio Lower Upper

202 100

101 12.9 0.0 33.2

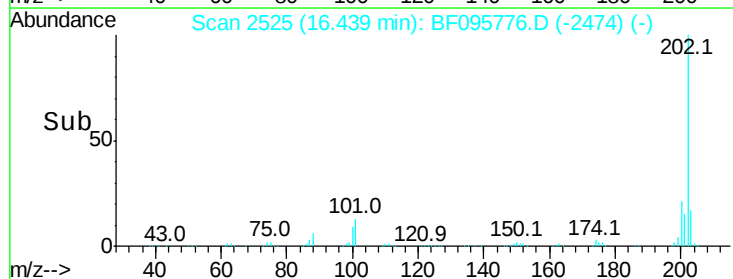
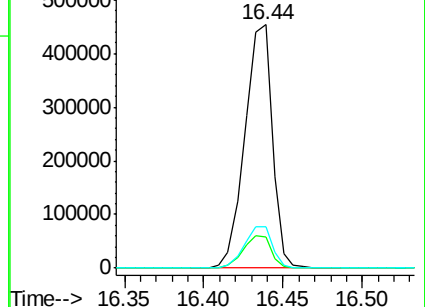
203 17.1 0.0 38.1

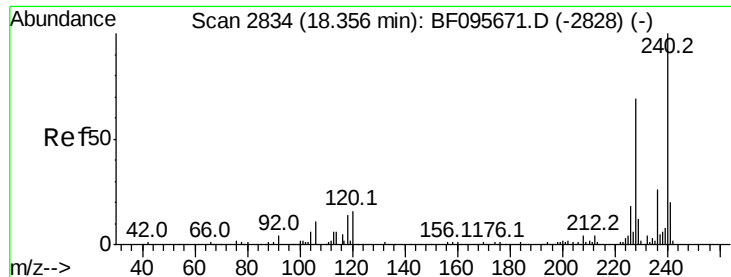


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

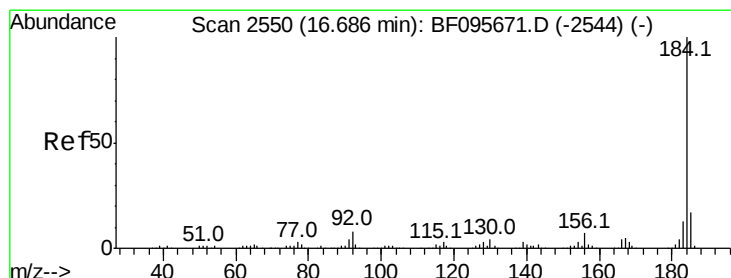
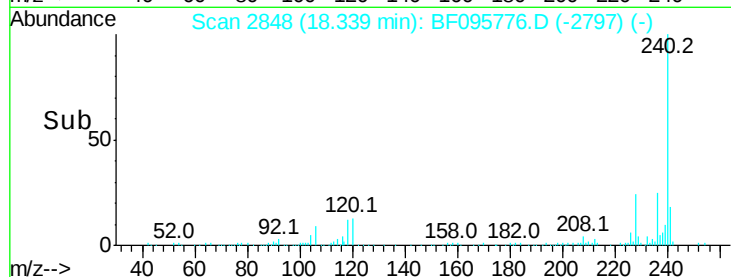
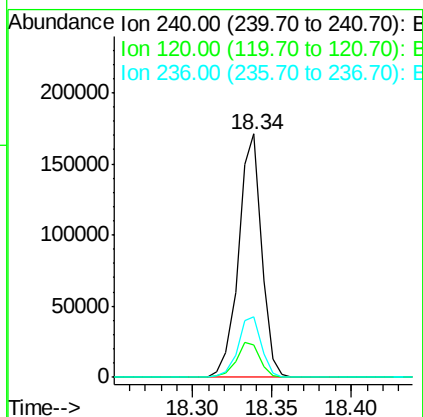
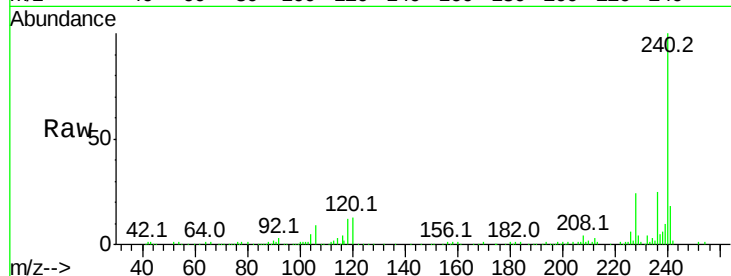




#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.34 min Scan# 2848
Delta R.T. 0.00 min
Lab File: BF095776.D
Acq: 8 Jun 2017 11:16

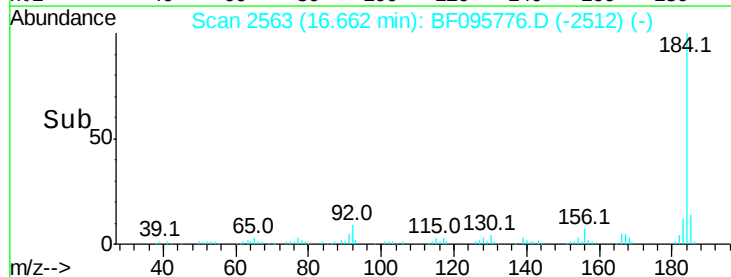
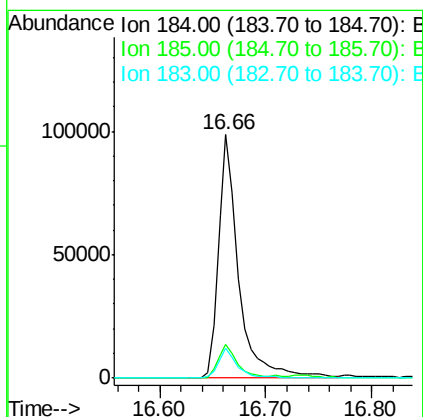
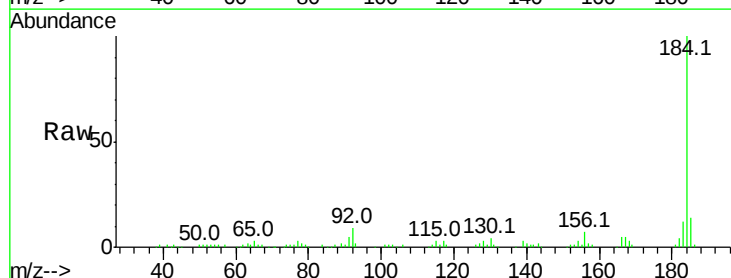
Instrument :
BNA_F
ClientSampleId :

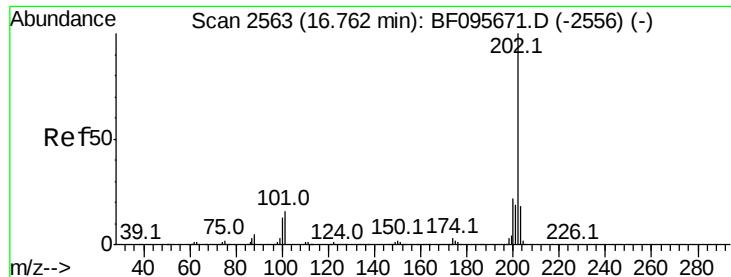
Tot Ion:240 Resp: 171995
Ion Ratio Lower Upper
240 100
120 13.1 5.8 8.8#
236 25.0 20.5 30.7



#76
Benzidine
Concen: 20.19 ng
RT: 16.66 min Scan# 2563
Delta R.T. 0.00 min
Lab File: BF095776.D
Acq: 8 Jun 2017 11:16

Tgt Ion:184 Resp: 133355
Ion Ratio Lower Upper
184 100
185 14.1 15.5 23.3#
183 12.2 9.8 14.6





#77

Pvrene

Concen: 43.32 ng

RT: 16.74 min Scan# 2576

Delta R.T. 0.00 min

Lab File: BF095776.D

Acq: 8 Jun 2017 11:16

Instrument :

BNA_F

ClientSampleId :

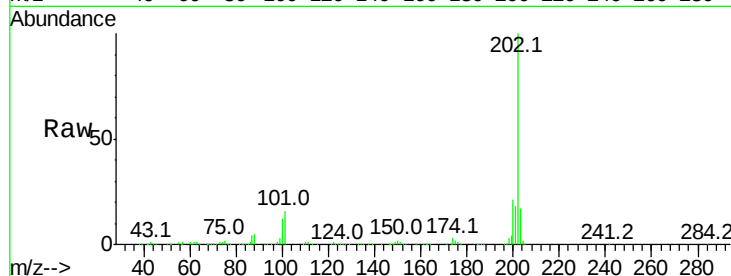
Tot Ion:202 Resp: 555920

Ion Ratio Lower Upper

202 100

200 21.5 17.6 26.4

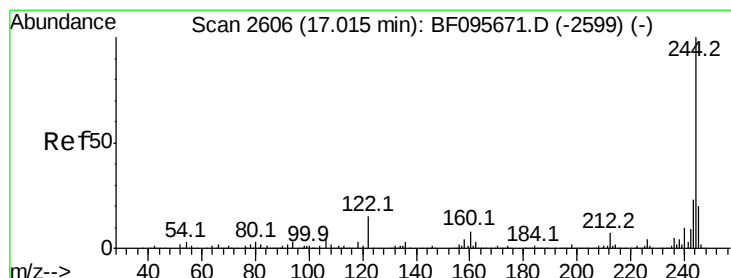
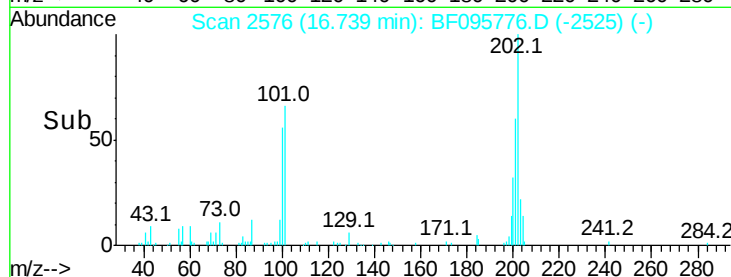
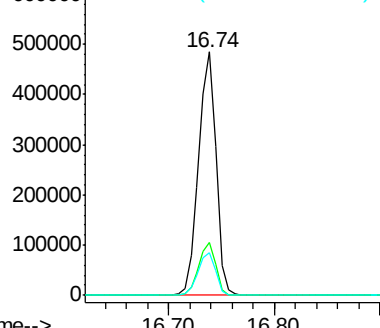
203 17.5 14.4 21.6



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: 91.47 ng

RT: 17.00 min Scan# 2620

Delta R.T. 0.00 min

Lab File: BF095776.D

Acq: 8 Jun 2017 11:16

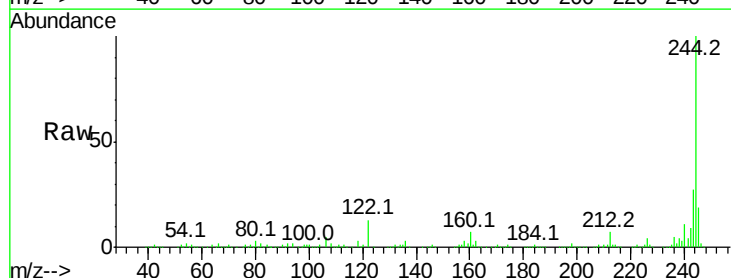
Tgt Ion:244 Resp: 633951

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

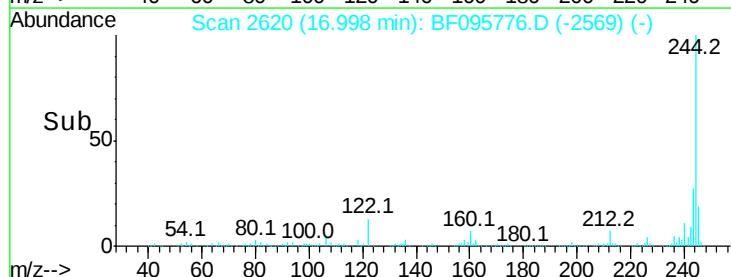
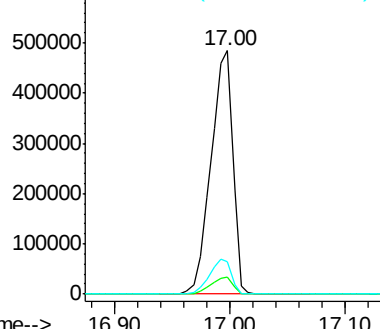
122 13.3 10.3 15.5



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

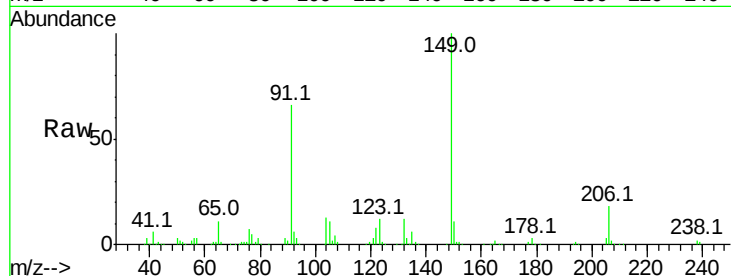




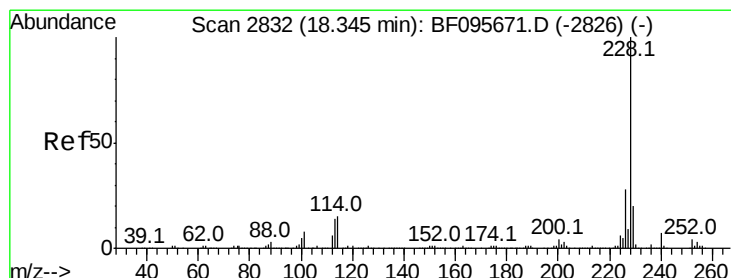
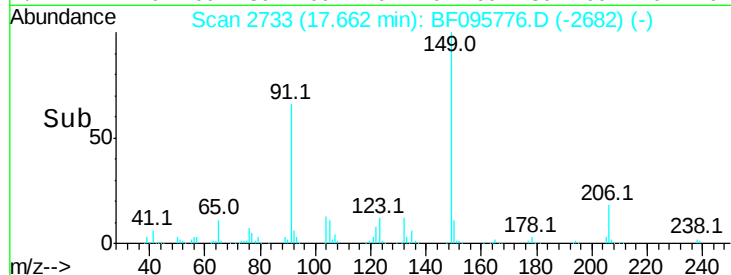
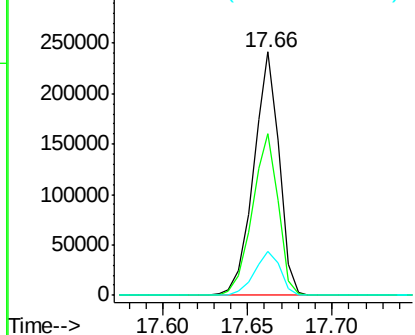
#79
Butylbenzylphthalate
Concen: 45.23 ng
RT: 17.66 min Scan# 2733
Delta R.T. 0.00 min
Lab File: BF095776.D
Acq: 8 Jun 2017 11:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 253514
Ion Ratio Lower Upper
149 100
91 66.3 45.0 67.4
206 18.1 17.0 25.6

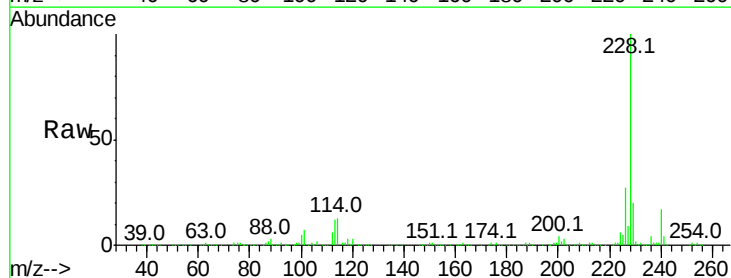


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

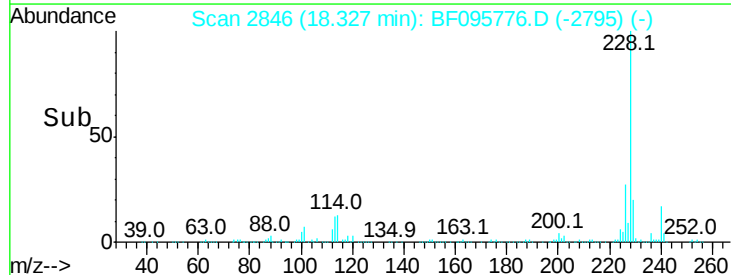
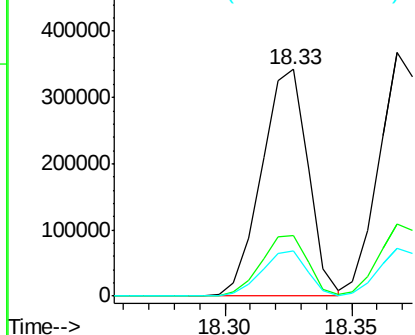


#80
Benzo(a)anthracene
Concen: 43.31 ng
RT: 18.33 min Scan# 2846
Delta R.T. 0.00 min
Lab File: BF095776.D
Acq: 8 Jun 2017 11:16

Tgt Ion:228 Resp: 433108
Ion Ratio Lower Upper
228 100
226 26.9 22.6 33.8
229 19.7 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

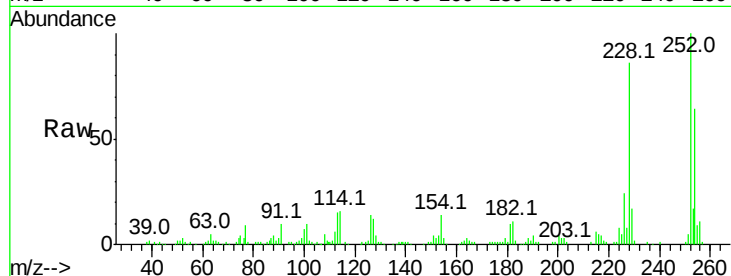




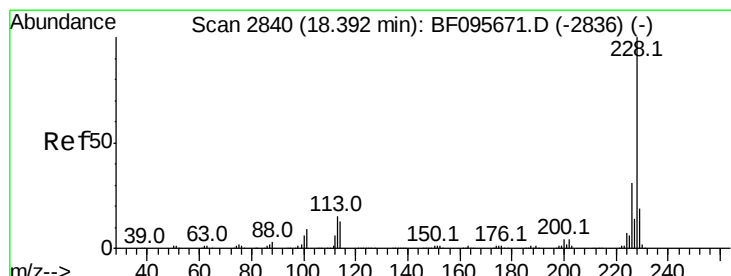
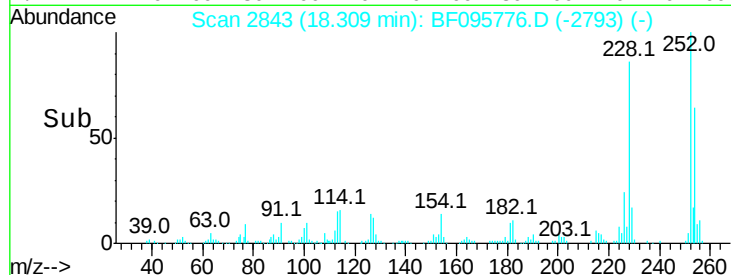
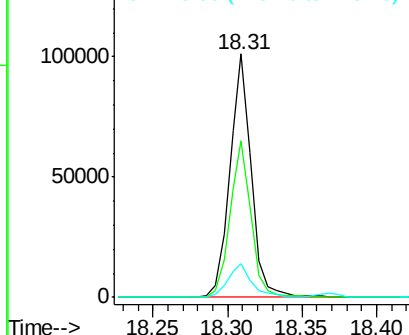
#81
 3,3'-Dichlorobenzidine
 Concen: 28.76 ng
 RT: 18.31 min Scan# 2843
 Delta R.T. -0.01 min
 Lab File: BF095776.D
 Acq: 8 Jun 2017 11:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.5	77.3
126	13.6	15.8	23.8#

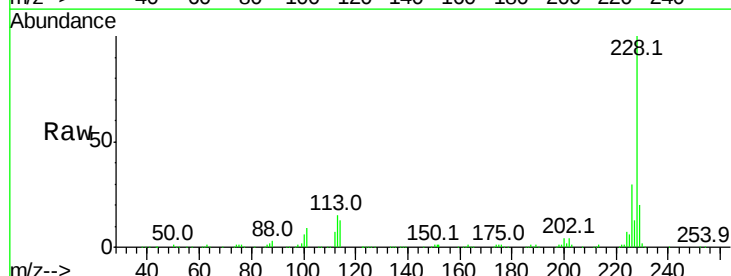


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

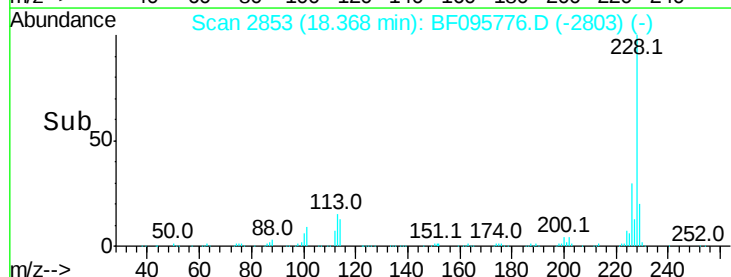
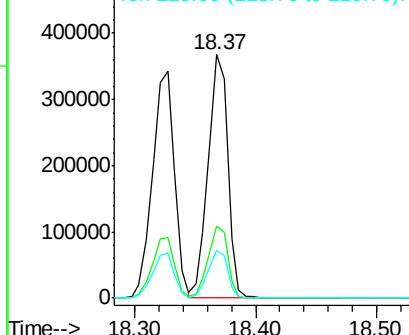


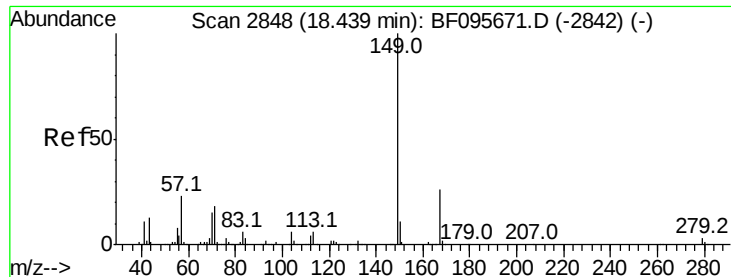
#82
 Chrysene
 Concen: 41.47 ng
 RT: 18.37 min Scan# 2853
 Delta R.T. -0.01 min
 Lab File: BF095776.D
 Acq: 8 Jun 2017 11:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.9	37.3
229	19.8	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

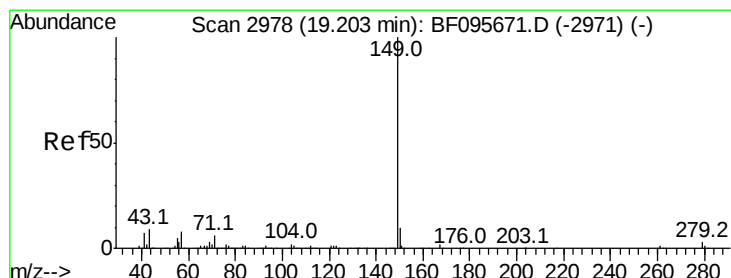
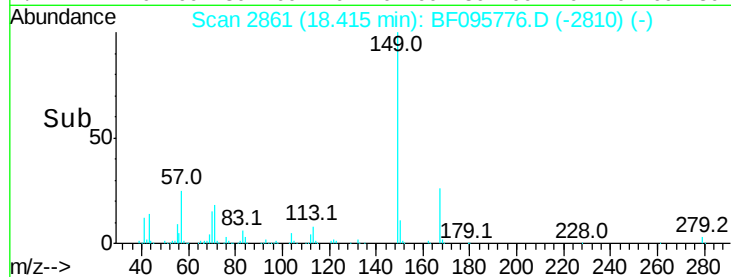
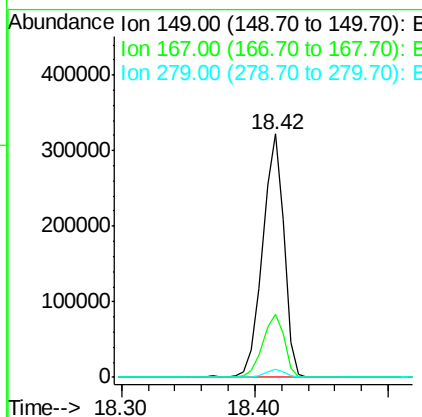
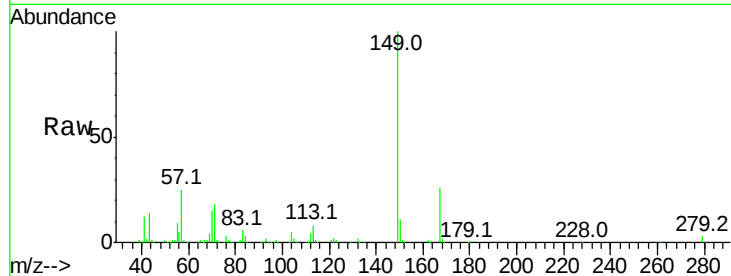




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.85 ng
 RT: 18.42 min Scan# 2861
 Delta R.T. 0.00 min
 Lab File: BF095776.D
 Acq: 8 Jun 2017 11:16

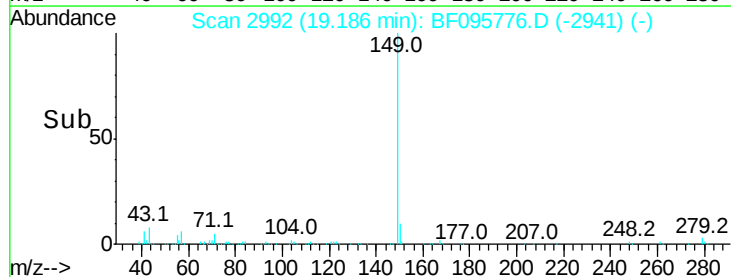
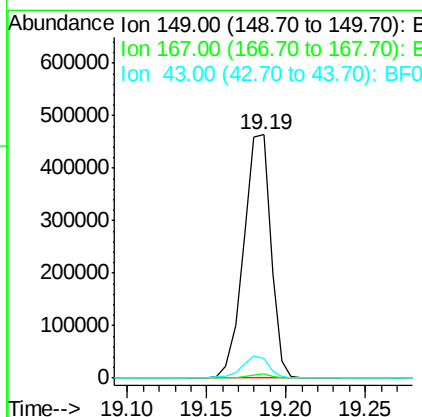
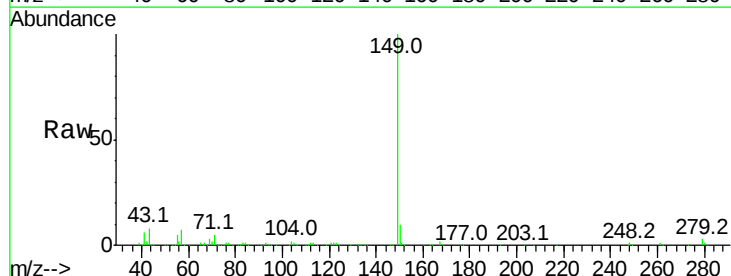
Instrument :
 BNA_F
 ClientSampleId :

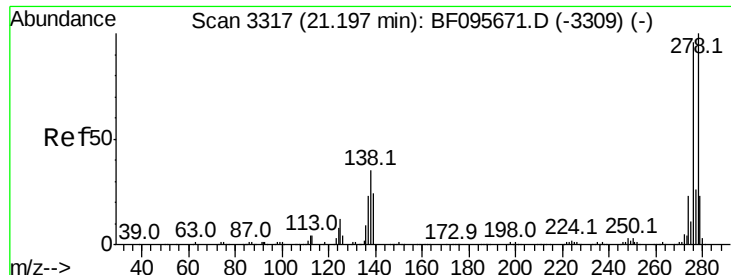
Tot Ion:149 Resp: 354629
 Ion Ratio Lower Upper
 149 100
 167 26.1 21.0 31.4
 279 3.3 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 42.44 ng
 RT: 19.19 min Scan# 2992
 Delta R.T. 0.00 min
 Lab File: BF095776.D
 Acq: 8 Jun 2017 11:16

Tgt Ion:149 Resp: 552910
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 8.6 8.5 12.7

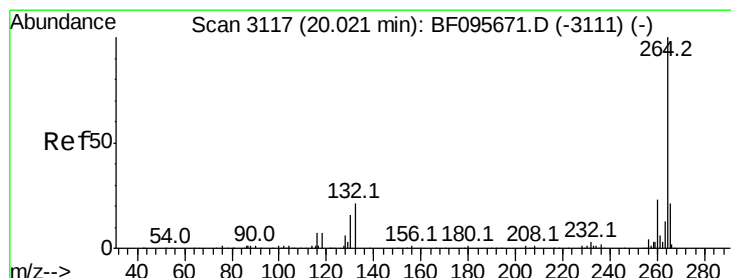
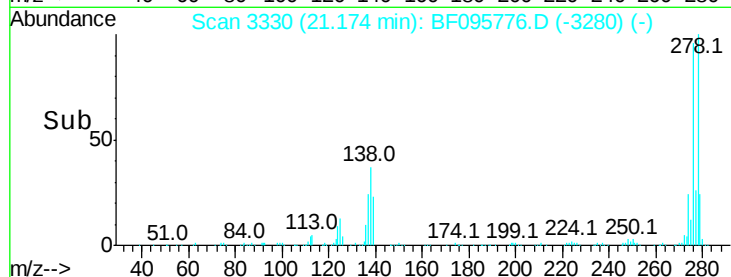
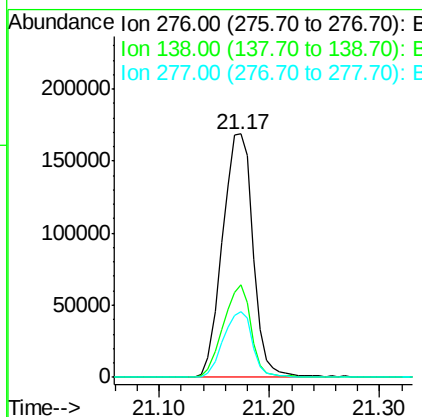
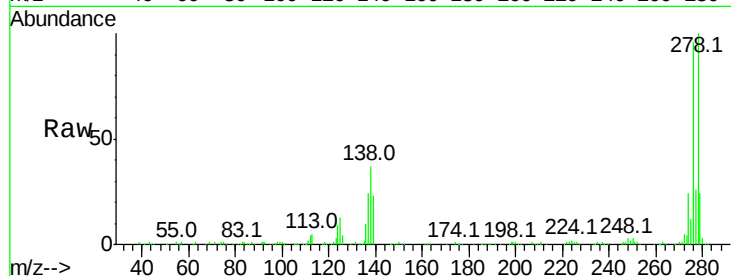




#85
Indeno(1,2,3-cd)pyrene
Concen: 38.35 ng
RT: 21.17 min Scan# 3330
Delta R.T. -0.01 min
Lab File: BF095776.D
Acq: 8 Jun 2017 11:16

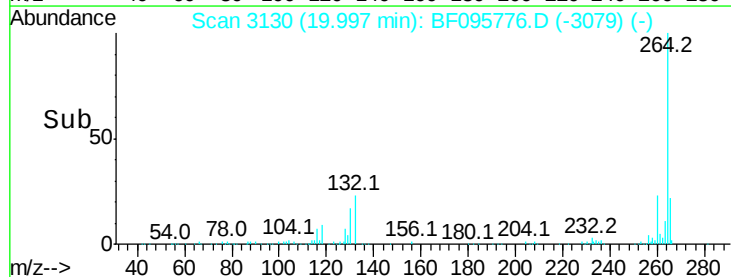
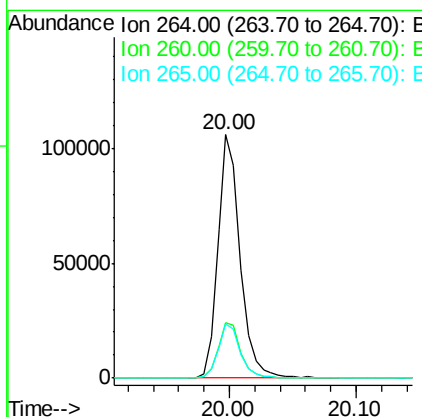
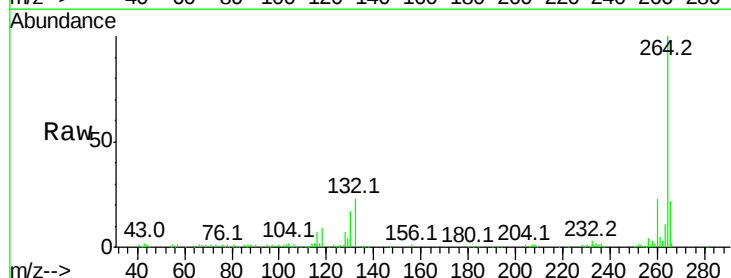
Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 327914
Ion Ratio Lower Upper
276 100
138 34.8 27.8 41.6
277 25.7 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 20.00 min Scan# 3130
Delta R.T. 0.00 min
Lab File: BF095776.D
Acq: 8 Jun 2017 11:16

Tgt Ion:264 Resp: 129748
Ion Ratio Lower Upper
264 100
260 22.9 19.5 29.3
265 22.0 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 43.11 ng

RT: 19.60 min Scan# 3062

Delta R.T. 0.00 min

Lab File: BF095776.D

Acq: 8 Jun 2017 11:16

Instrument :

BNA_F

ClientSampleId :

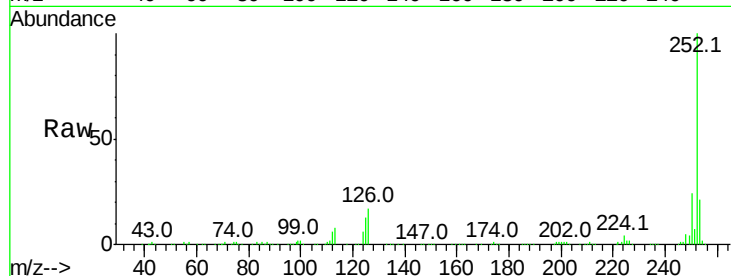
Tot Ion:252 Resp: 350238

Ion Ratio Lower Upper

252 100

253 21.3 18.1 27.1

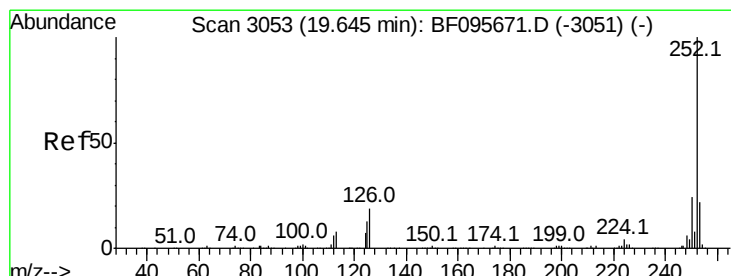
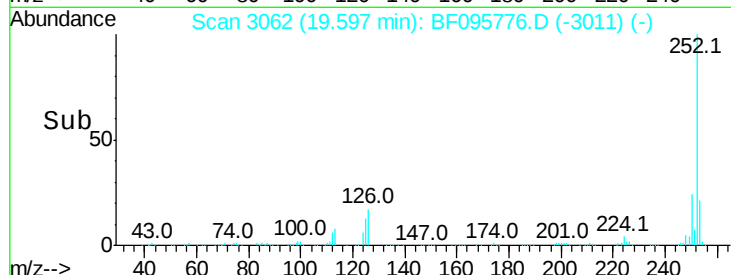
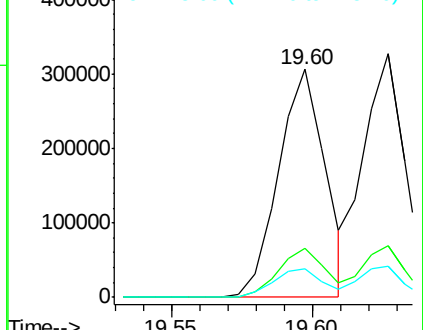
125 12.7 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 44.10 ng

RT: 19.63 min Scan# 3067

Delta R.T. 0.00 min

Lab File: BF095776.D

Acq: 8 Jun 2017 11:16

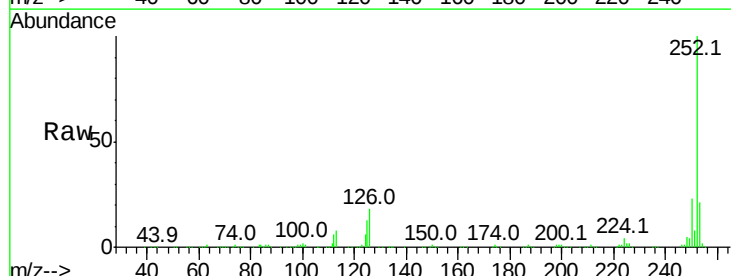
Tgt Ion:252 Resp: 342502

Ion Ratio Lower Upper

252 100

253 21.0 18.4 27.6

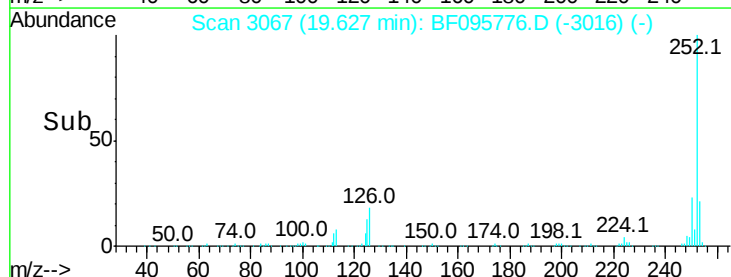
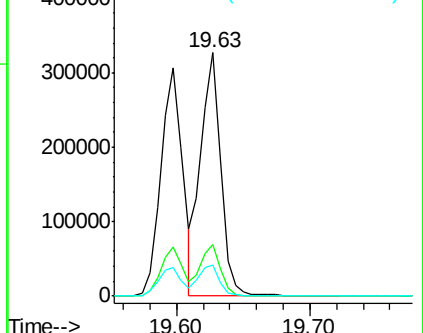
125 12.9 13.1 19.7#

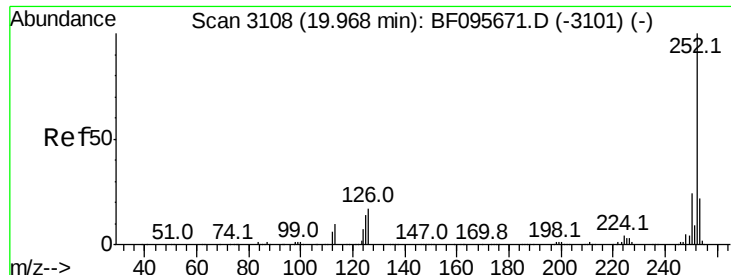


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

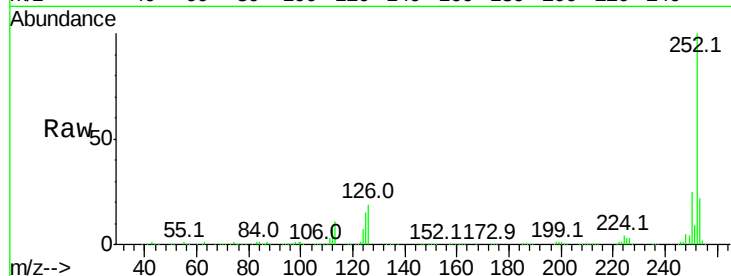




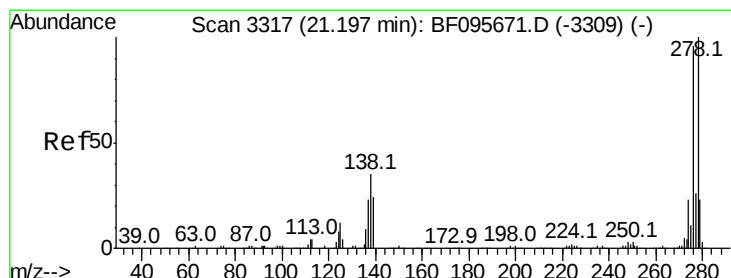
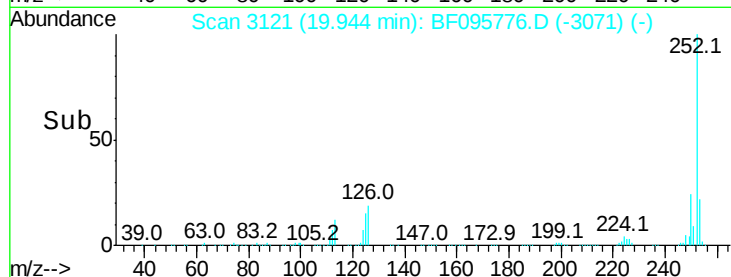
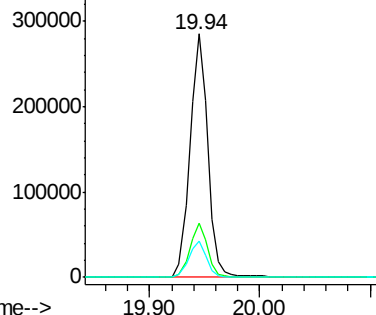
#89
Benzo(a)pyrene
Concen: 42.93 ng
RT: 19.94 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BF095776.D
Acq: 8 Jun 2017 11:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 320551
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 14.7 11.0 16.4

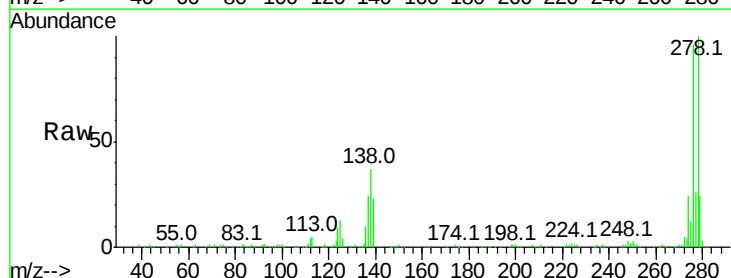


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

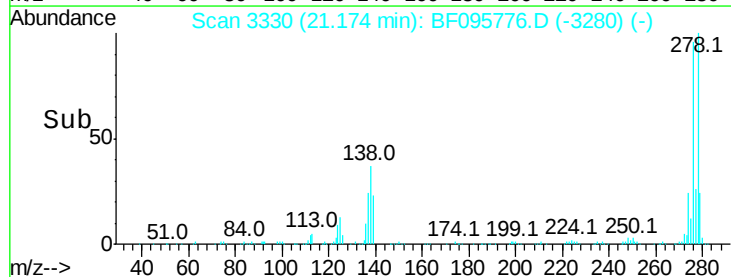
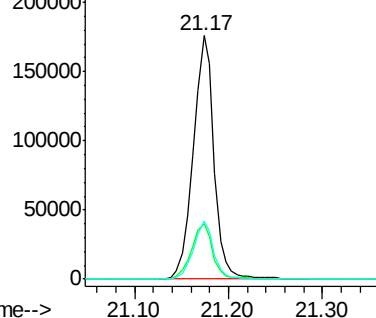


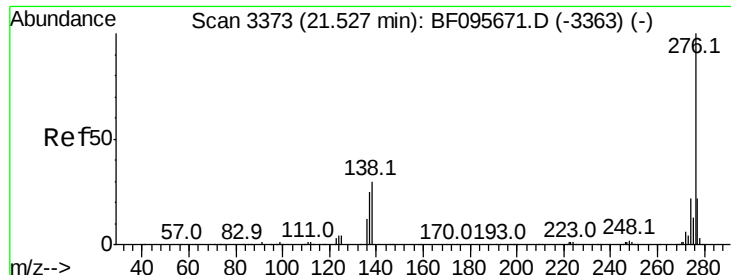
#90
Dibenzo(a,h)anthracene
Concen: 42.74 ng
RT: 21.17 min Scan# 3330
Delta R.T. -0.01 min
Lab File: BF095776.D
Acq: 8 Jun 2017 11:16

Tgt Ion:278 Resp: 270750
Ion Ratio Lower Upper
278 100
139 23.0 16.6 24.8
279 23.8 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(a,h,i)perylene

Concen: 43.82 ng

RT: 21.50 min Scan# 3386

Delta R.T. 0.00 min

Lab File: BF095776.D

Acq: 8 Jun 2017 11:16

Instrument :

BNA_F

ClientSampleId :

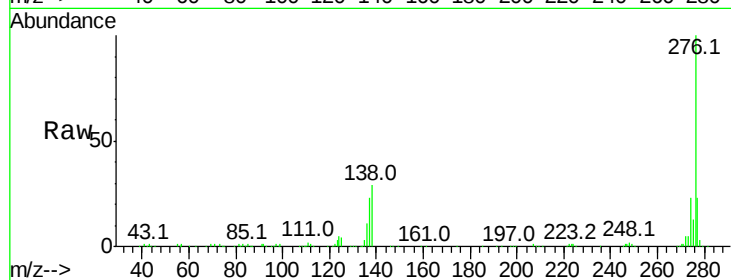
Tot Ion: 276 Resp: 283005

Ion Ratio Lower Upper

276 100

277 22.8 18.6 28.0

138 28.6 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

