

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
 Data File : BF095391.D
 Acq On : 24 May 2017 16:19
 Operator : SJ/MA
 Sample : I3281-07MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 25 01:02:41 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	87097	20.00	ng	-0.01
21) Naphthalene-d8	9.77	136	397723	20.00	ng	-0.02
38) Acenaphthene-d10	12.59	164	181901	20.00	ng	-0.02
63) Phenanthrene-d10	15.00	188	313412	20.00	ng	-0.02
75) Chrysene-d12	18.68	240	190543	20.00	ng	-0.02
86) Perylene-d12	20.35	264	170575	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.73	112	495106	94.77	ng	0.00
7) Phenol-d6	7.30	99	609052	97.17	ng	-0.02
23) Nitrobenzene-d5	8.65	82	353419	56.03	ng	-0.02
41) 2,4,6-Tribromophenol	13.90	330	138349	92.87	ng	-0.02
44) 2-Fluorobiphenyl	11.54	172	766633	60.66	ng	-0.02
78) Terphenyl-d14	17.32	244	582986	67.39	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.25	88	65244	25.47	ng	93
3) Pyridine	2.97	79	127830	21.53	ng	95
4) n-Nitrosodimethylamine	2.89	42	47833	19.33	ng	89
6) Aniline	7.27	93	185386	23.43	ng	95
8) 2-Chlorophenol	7.45	128	186346	31.34	ng	94
9) Benzaldehyde	7.10	77	53495	13.98	ng	96
10) Phenol	7.31	94	243186	36.82	ng	93
11) bis(2-Chloroethyl)ether	7.39	93	164570	30.18	ng	94
12) 1,3-Dichlorobenzene	7.65	146	201278	29.84	ng	97
13) 1,4-Dichlorobenzene	7.78	146	206404	30.17	ng	96
14) 1,2-Dichlorobenzene	8.01	146	199521	31.25	ng	97
15) Benzyl Alcohol	8.04	79	148517	36.84	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.24	45	230535	29.87	ng	94
17) 2-Methylphenol	8.25	107	158651	32.60	ng	96
18) Hexachloroethane	8.52	117	68497	29.56	ng	# 87
19) n-Nitroso-di-n-propylamine	8.45	70	134410	31.71	ng	94
20) 3+4-Methylphenols	8.52	107	203869	30.83	ng	# 56
22) Acetophenone	8.43	105	270106	28.31	ng	# 82
24) Nitrobenzene	8.68	77	189068	28.60	ng	93
25) Isophorone	9.08	82	347597	30.86	ng	96
26) 2-Nitrophenol	9.20	139	111778	31.33	ng	97
27) 2,4-Dimethylphenol	9.33	122	166898	28.94	ng	98
28) bis(2-Chloroethoxy)methane	9.45	93	230958	29.64	ng	100
29) 2,4-Dichlorophenol	9.63	162	170598	31.33	ng	98
30) 1,2,4-Trichlorobenzene	9.70	180	173896	29.81	ng	99
31) Naphthalene	9.80	128	610169	30.52	ng	99
32) Benzoic acid	9.64	122	5193	6.31	ng	# 77
33) 4-Chloroaniline	9.99	127	44159	5.93	ng	95
34) Hexachlorobutadiene	10.01	225	84579	27.47	ng	96
35) Caprolactam	10.57	113	25797	15.78	ng	87
36) 4-Chloro-3-methylphenol	10.81	107	173526	29.80	ng	91
37) 2-Methylnaphthalene	10.92	142	422982	32.24	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.21	216	159963	28.60	ng	98
40) Hexachlorocyclopentadiene	11.18	237	52248	26.59	ng	97

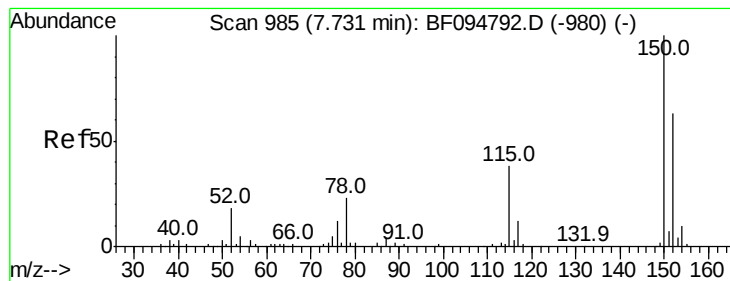
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.44	196	113349	30.35	nq	97
43) 2,4,5-Trichlorophenol	11.54	196	107085	26.68	nq	# 94
45) 1,1'-Biphenyl	11.69	154	467294	30.51	nq	98
46) 2-Chloronaphthalene	11.71	162	361862	29.26	nq	96
47) 2-Nitroaniline	11.94	65	100260	29.62	nq	# 84
48) Acenaphthylene	12.37	152	572940	29.58	nq	98
49) Dimethylphthalate	12.24	163	534254	35.78	nq	99
50) 2,6-Dinitrotoluene	12.34	165	92628	30.40	nq	94
51) Acenaphthene	12.65	154	351254	30.36	nq	99
52) 3-Nitroaniline	12.63	138	62226	19.03	nq	88
53) 2,4-Dinitrophenol	12.87	184	31452	23.53	nq	# 63
54) Dibenzofuran	12.94	168	532495	33.26	nq	96
55) 4-Nitrophenol	13.04	139	93290	47.50	nq	# 82
56) 2,4-Dinitrotoluene	13.02	165	125880	32.16	nq	# 93
57) Fluorene	13.49	166	420919	30.24	nq	99
58) 2,3,4,6-Tetrachlorophenol	13.19	232	84312	33.37	nq	# 91
59) Diethylphthalate	13.38	149	408289	28.53	nq	99
60) 4-Chlorophenyl-phenylether	13.51	204	179293	29.31	nq	91
61) 4-Nitroaniline	13.62	138	73450	24.47	nq	97
62) Azobenzene	13.77	77	374699	32.58	nq	94
64) 4,6-Dinitro-2-methylphenol	13.69	198	44726	21.29	nq	# 68
65) n-Nitrosodiphenylamine	13.72	169	349428	30.72	nq	99
66) 4-Bromophenyl-phenylether	14.30	248	98562	29.77	nq	97
67) Hexachlorobenzene	14.39	284	94953	27.98	nq	# 83
68) Atrazine	14.64	200	106219	33.07	nq	95
69) Pentachlorophenol	14.75	266	62850	43.82	nq	95
70) Phenanthrene	15.04	178	711810	39.53	nq	98
71) Anthracene	15.12	178	593151	32.25	nq	99
72) Carbazole	15.41	167	520350	31.09	nq	97
73) Di-n-butylphthalate	15.97	149	638100	30.57	nq	98
74) Fluoranthene	16.78	202	684464	37.05	nq	100
76) Benzidine	17.02	184	58588	16.40	nq	# 94
77) Pyrene	17.09	202	649347	45.57	nq	98
79) Butylbenzylphthalate	17.98	149	217688	32.84	nq	91
80) Benzo(a)anthracene	18.67	228	365476	32.96	nq	99
81) 3,3'-Dichlorobenzidine	18.65	252	61413	16.03	nq	# 94
82) Chrysene	18.71	228	346191	32.29	nq	98
83) Bis(2-ethylhexyl)phthalate	18.72	149	289727	30.68	nq	# 100
84) Di-n-octyl phthalate	19.49	149	421748	27.24	nq	96
85) Indeno(1,2,3-cd)pyrene	21.68	276	362322	41.61	nq	98
87) Benzo(b)fluoranthene	19.97	252	299163	28.38	nq	99
88) Benzo(k)fluoranthene	19.94	252	330223	32.48	nq	97
89) Benzo(a)pyrene	20.29	252	303361	31.19	nq	98
90) Dibenzo(a,h)anthracene	21.68	278	295299	36.76	nq	99
91) Benzo(g,h,i)perylene	22.06	276	285019	36.16	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.75 min Scan# 989

Delta R.T. -0.01 min

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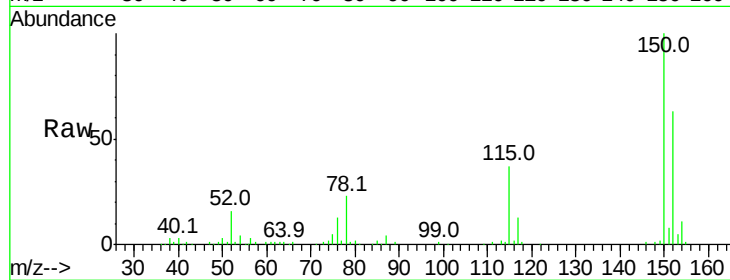
Tot Ion:152 Resp: 87097

Ion Ratio Lower Upper

152 100

150 158.7 126.2 189.2

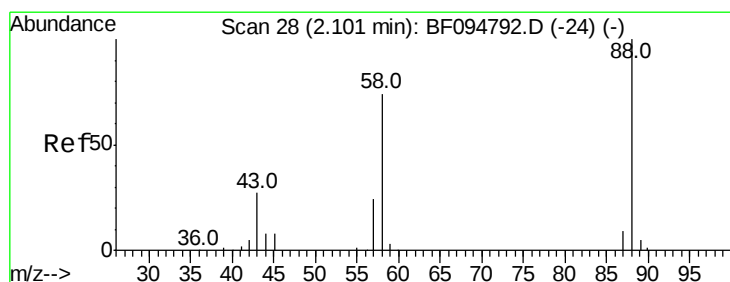
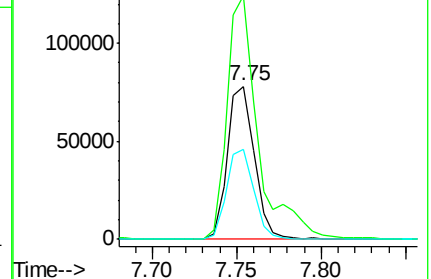
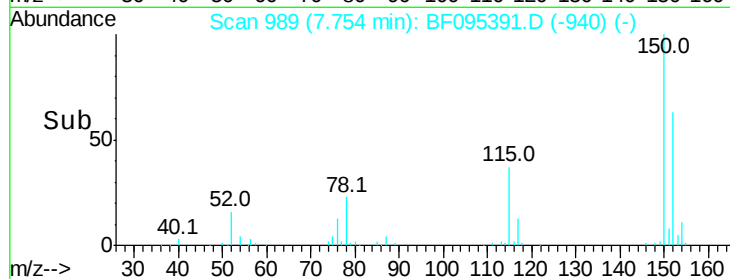
115 58.4 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 25.47 ng

RT: 2.25 min Scan# 53

Delta R.T. 0.02 min

Lab File: BF095391.D

Acq: 24 May 2017 16:19

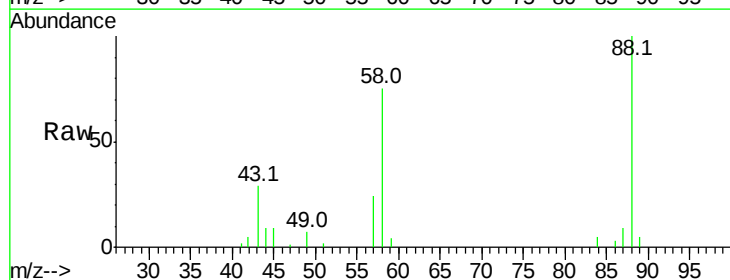
Tgt Ion: 88 Resp: 65244

Ion Ratio Lower Upper

88 100

58 69.7 61.4 92.0

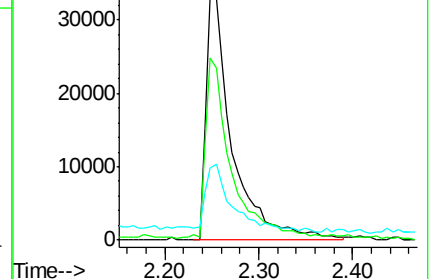
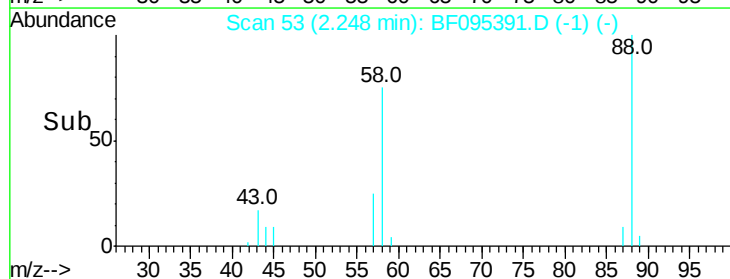
43 26.8 23.4 35.0



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

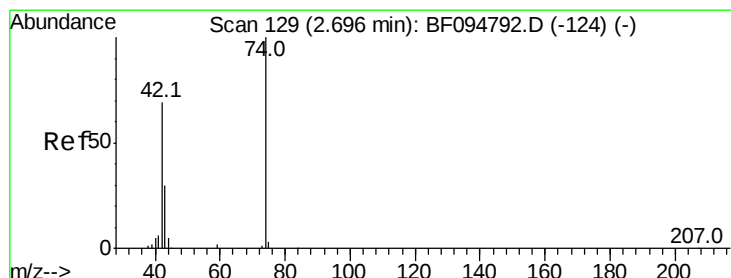
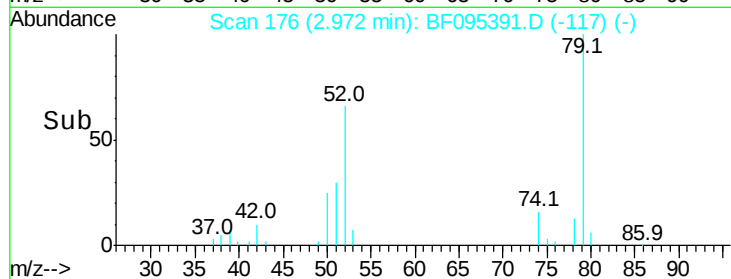
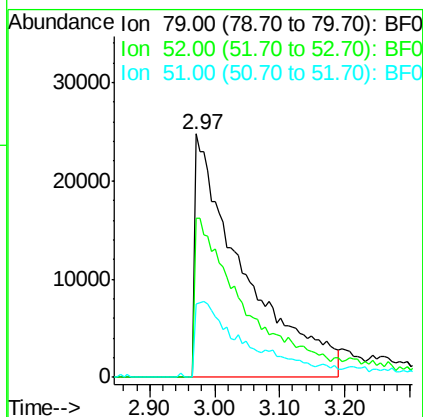
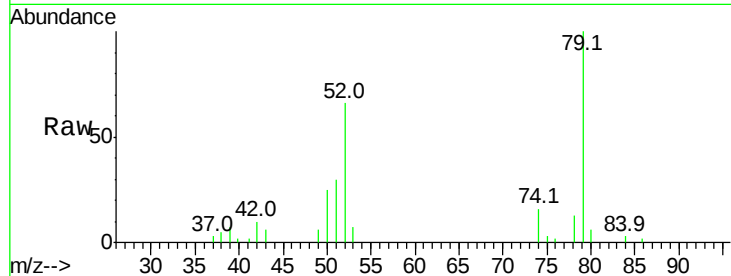




#3
 Pvridine
 Concen: 21.53 ng
 RT: 2.97 min Scan# 176
 Delta R.T. 0.05 min
 Lab File: BF095391.D
 Acq: 24 May 2017 16:19

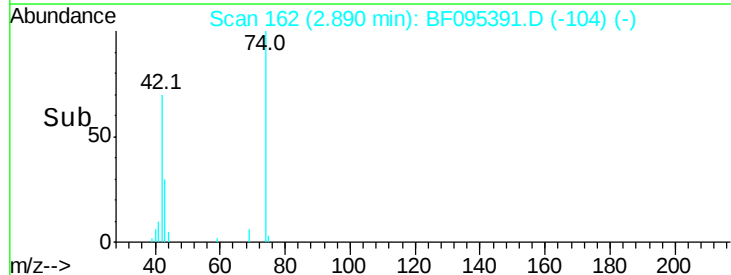
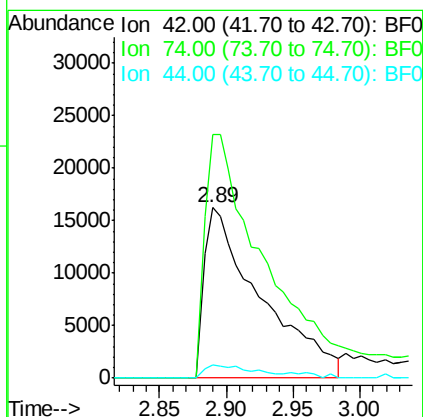
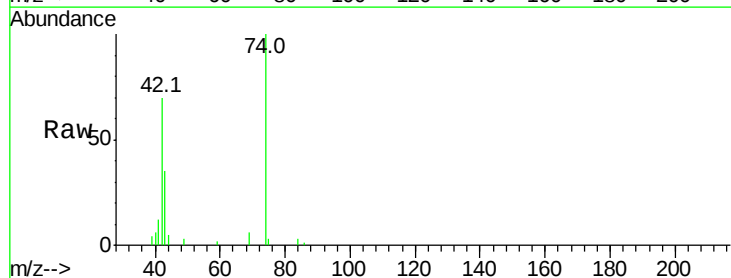
Instrument :
 BNA_F
 ClientSampleId :

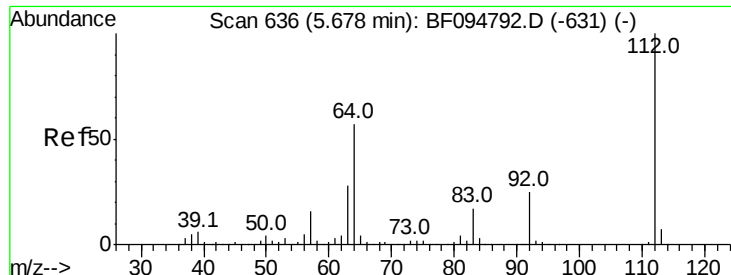
Tot Ion: 79 Resp: 127830
 Ion Ratio Lower Upper
 79 100
 52 65.5 54.8 82.2
 51 29.9 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 19.33 ng
 RT: 2.89 min Scan# 162
 Delta R.T. 0.04 min
 Lab File: BF095391.D
 Acq: 24 May 2017 16:19

Tgt Ion: 42 Resp: 47833
 Ion Ratio Lower Upper
 42 100
 74 143.0 103.9 155.9
 44 7.8 5.7 8.5





#5

2-Fluorophenol

Concen: 94.77 ng

RT: 5.73 min Scan# 645

Delta R.T. -0.01 min

Lab File: BF095391.D

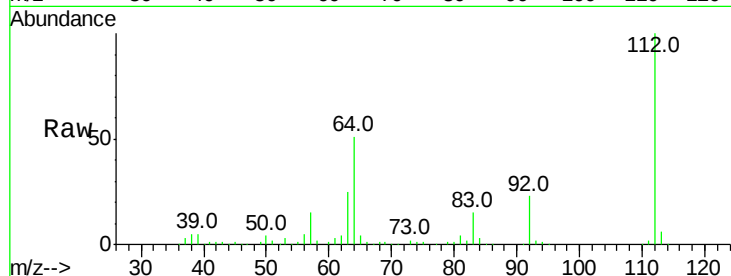
Acq: 24 May 2017 16:19

Instrument :

BNA_F

ClientSampleId :

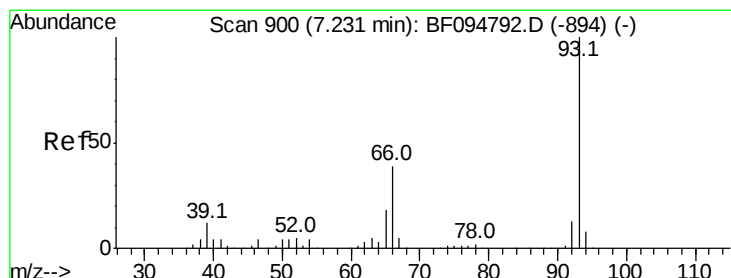
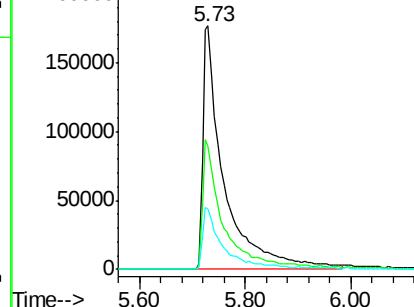
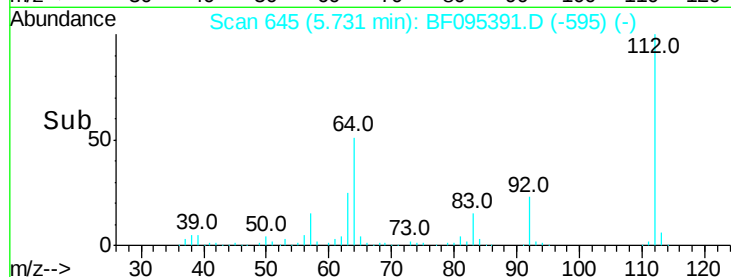
Tot Ion:	112	Resp:	495106
Ion	Ratio	Lower	Upper
112	100		
64	50.6	46.0	69.0
63	24.7	23.4	35.0



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: 23.43 ng

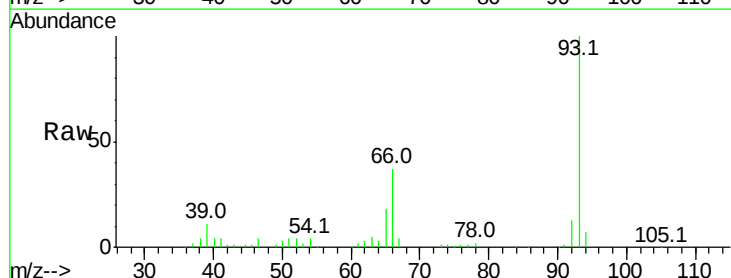
RT: 7.27 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF095391.D

Acq: 24 May 2017 16:19

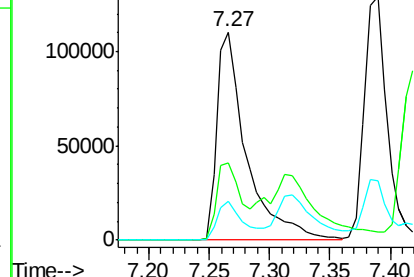
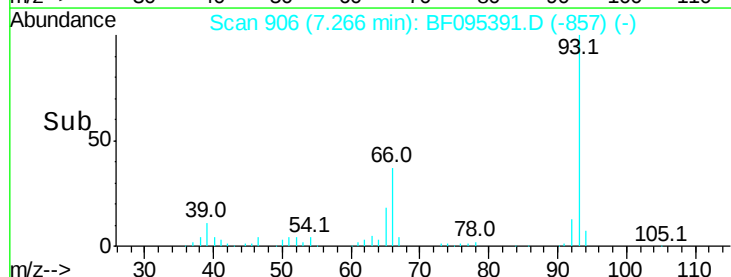
Tgt Ion:	93	Resp:	185386
Ion	Ratio	Lower	Upper
93	100		
66	37.0	32.9	49.3
65	18.5	16.0	24.0



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: 97.17 ng

RT: 7.30 min Scan# 911

Delta R.T. -0.02 min

Lab File: BF095391.D

Acq: 24 May 2017 16:19

Instrument :

BNA_F

ClientSampled :

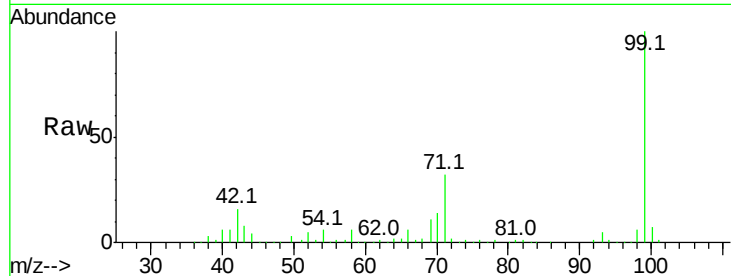
Tot Ion: 99 Resp: 609052

Ion Ratio Lower Upper

99 100

42 15.6 13.5 20.3

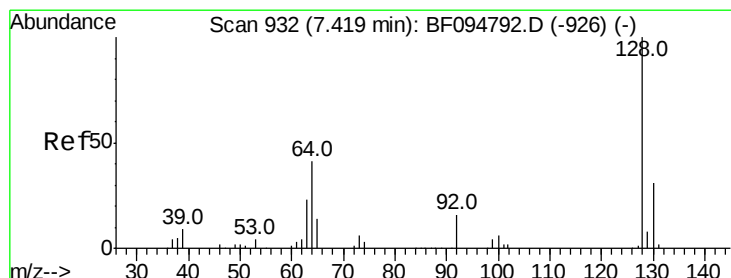
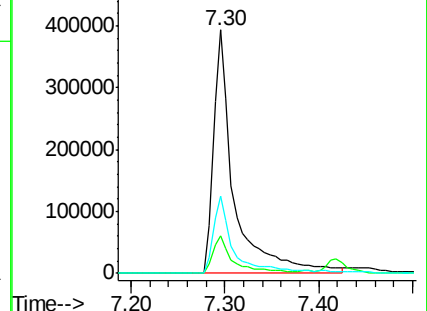
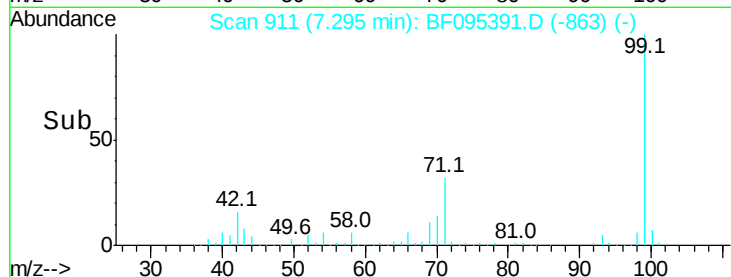
71 31.6 24.5 36.7



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: 31.34 ng

RT: 7.45 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF095391.D

Acq: 24 May 2017 16:19

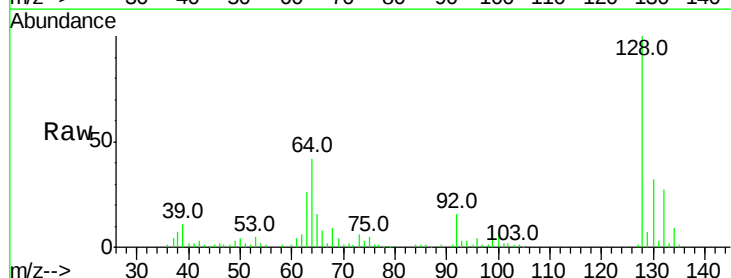
Tgt Ion: 128 Resp: 186346

Ion Ratio Lower Upper

128 100

130 32.4 12.9 52.9

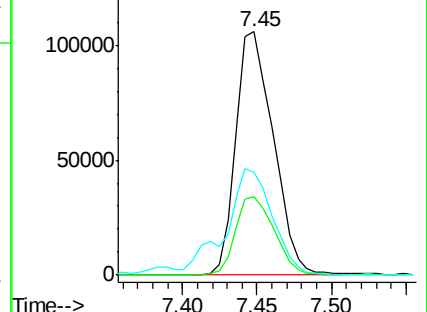
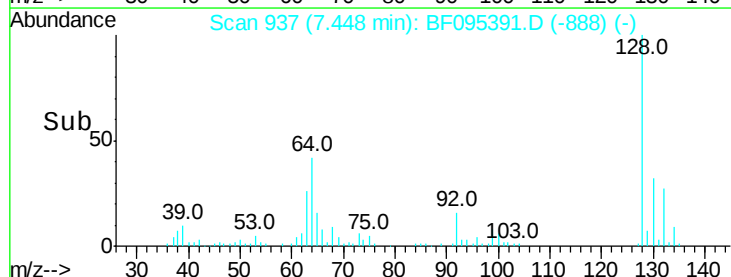
64 42.0 28.4 68.4

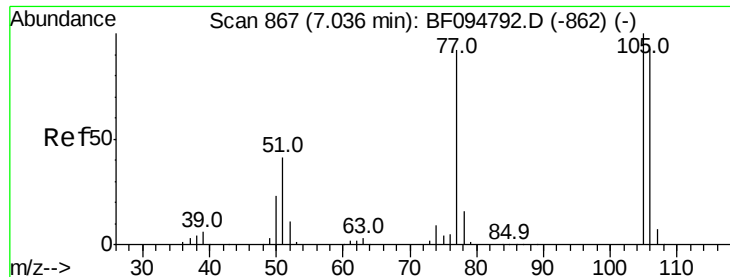


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

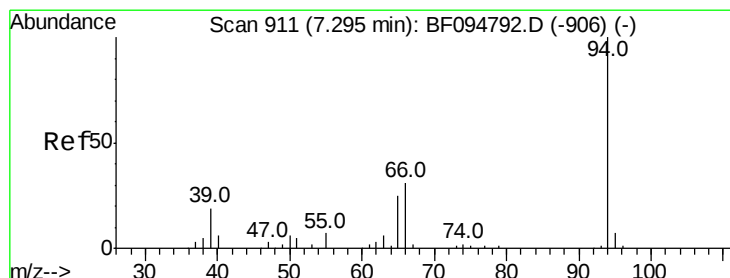
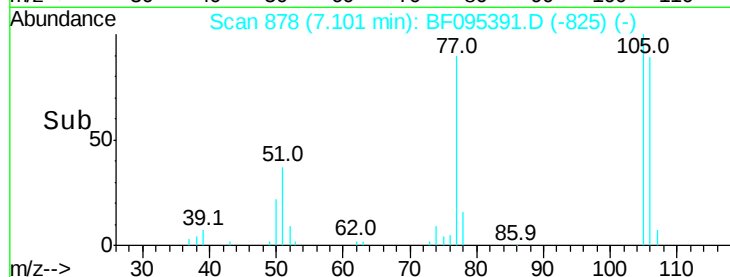
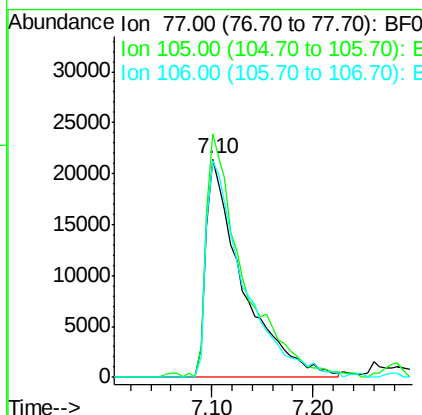
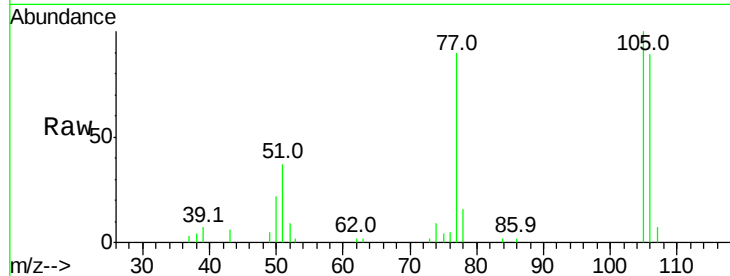




#9
Benzaldehyde
Concen: 13.98 ng
RT: 7.10 min Scan# 878
Delta R.T. 0.01 min
Lab File: BF095391.D
Acq: 24 May 2017 16:19

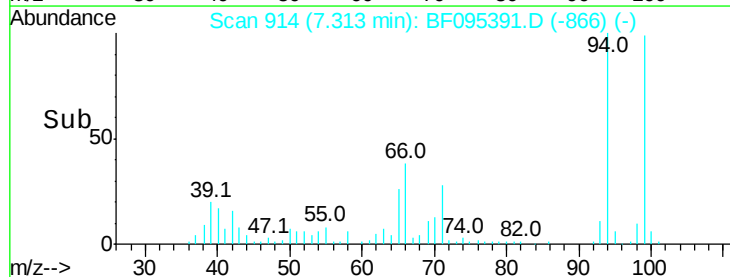
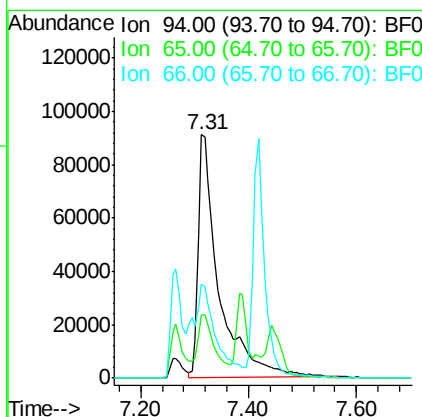
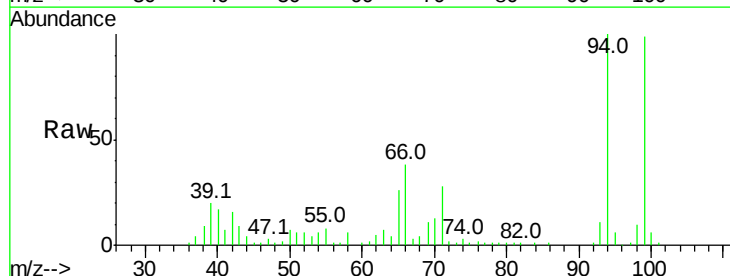
Instrument :
BNA_F
ClientSampleId :

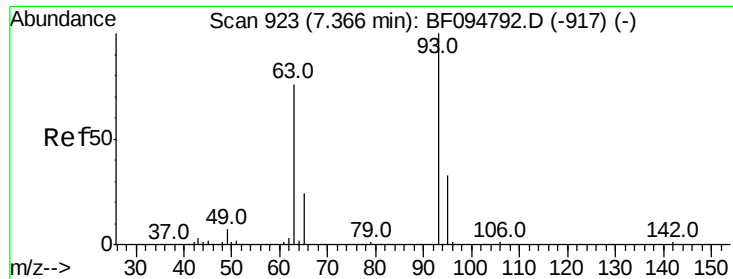
Tot Ion: 77 Resp: 53495
Ion Ratio Lower Upper
77 100
105 111.6 83.8 123.8
106 99.3 79.1 119.1



#10
Phenol
Concen: 36.82 ng
RT: 7.31 min Scan# 914
Delta R.T. -0.02 min
Lab File: BF095391.D
Acq: 24 May 2017 16:19

Tgt Ion: 94 Resp: 243186
Ion Ratio Lower Upper
94 100
65 25.8 9.9 49.9
66 38.5 23.1 63.1

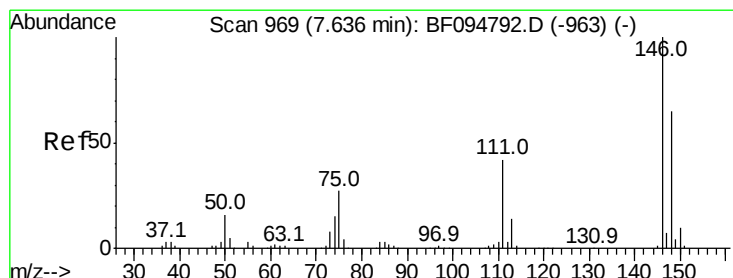
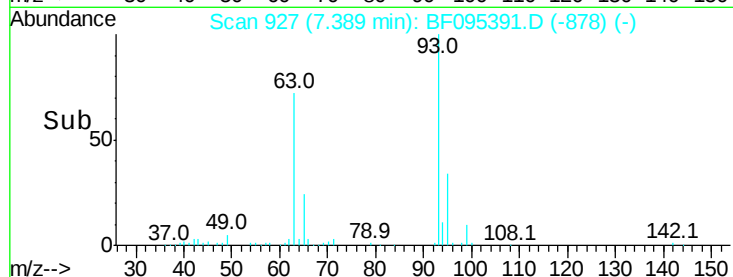
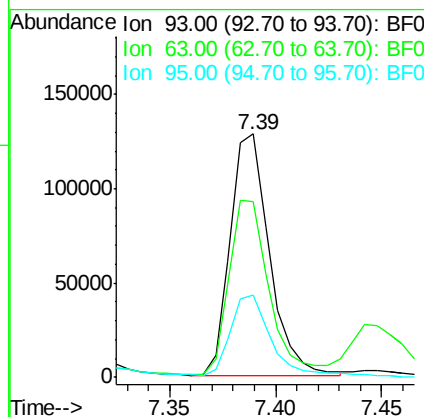
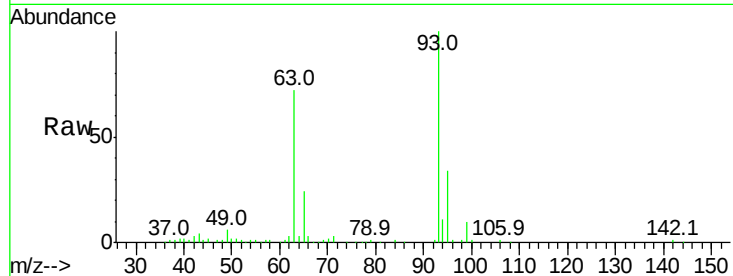




#11
 bis(2-Chloroethyl)ether
 Concen: 30.18 ng
 RT: 7.39 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: BF095391.D
 Acq: 24 May 2017 16:19

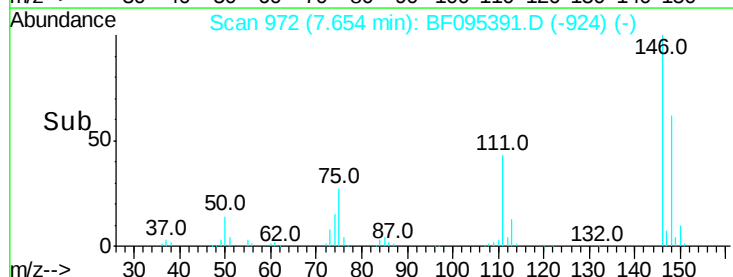
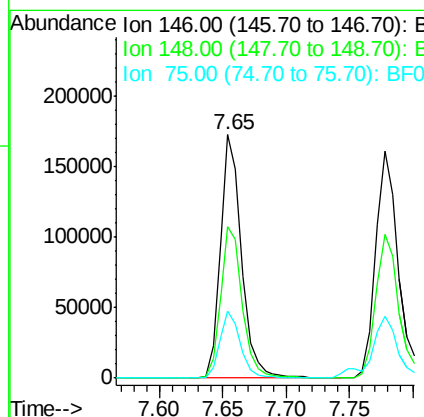
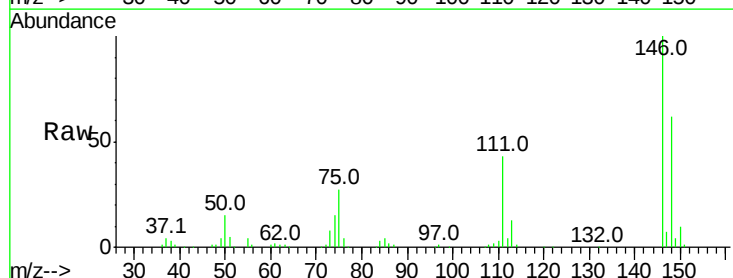
Instrument :
 BNA_F
 ClientSampleId :

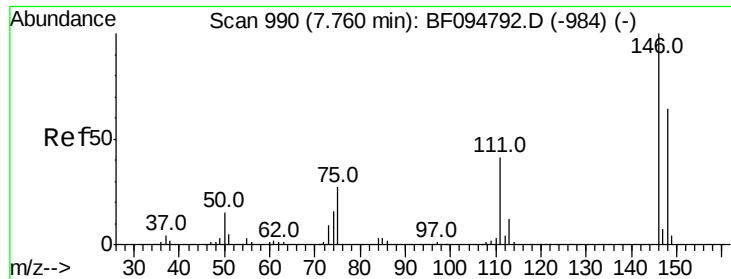
Tot Ion:	93	Resp:	164570
Ion	Ratio	Lower	Upper
93	100		
63	72.3	59.2	99.2
95	33.8	12.8	52.8



#12
 1,3-Dichlorobenzene
 Concen: 29.84 ng
 RT: 7.65 min Scan# 972
 Delta R.T. -0.02 min
 Lab File: BF095391.D
 Acq: 24 May 2017 16:19

Tgt Ion:	146	Resp:	201278
Ion	Ratio	Lower	Upper
146	100		
148	62.2	51.8	77.6
75	27.4	23.1	34.7

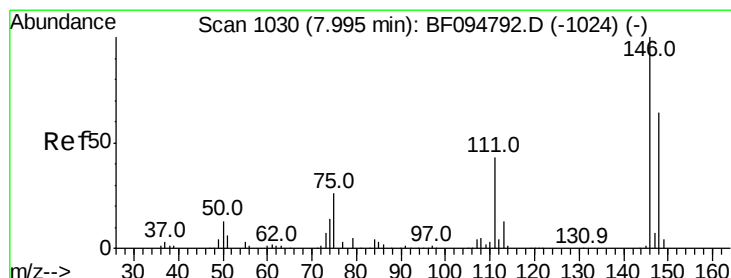
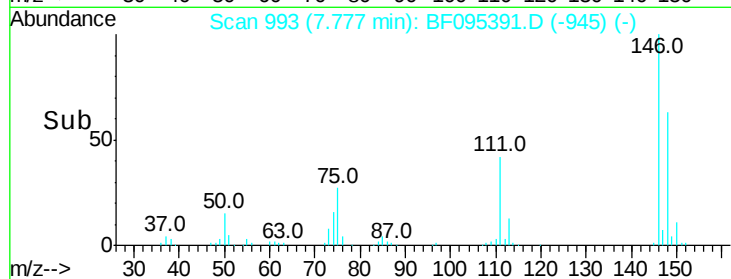
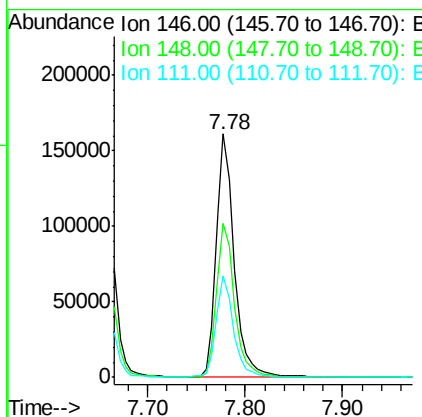
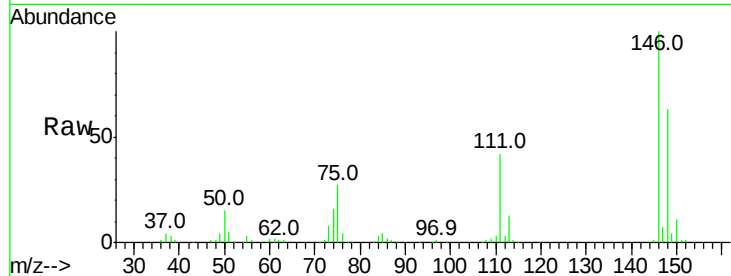




#13
 1,4-Dichlorobenzene
 Concen: 30.17 ng
 RT: 7.78 min Scan# 993
 Delta R.T. -0.02 min
 Lab File: BF095391.D
 Acq: 24 May 2017 16:19

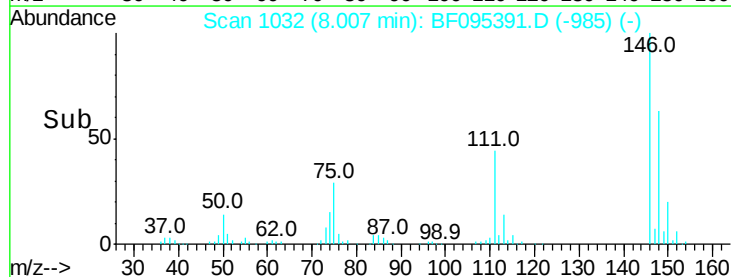
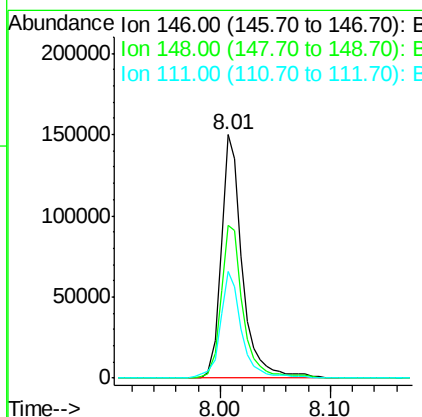
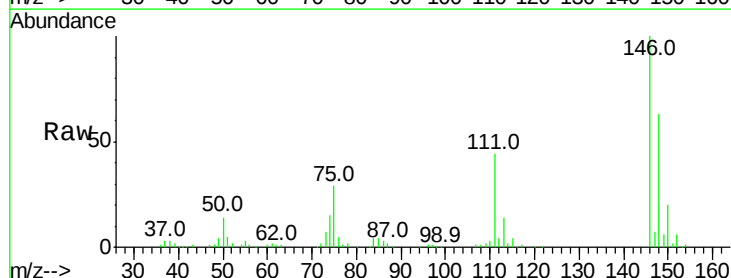
Instrument :
 BNA_F
 ClientSampleId :

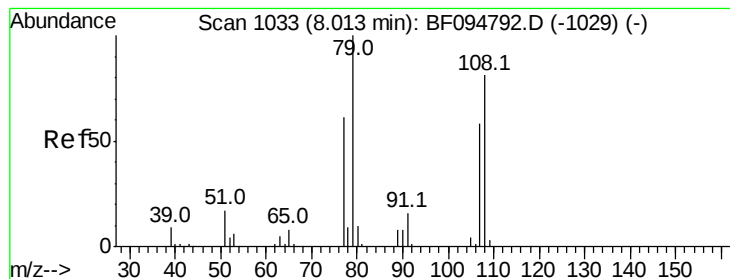
Tot Ion:146 Resp: 206404
 Ion Ratio Lower Upper
 146 100
 148 63.3 52.2 78.2
 111 41.6 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 31.25 ng
 RT: 8.01 min Scan# 1032
 Delta R.T. -0.02 min
 Lab File: BF095391.D
 Acq: 24 May 2017 16:19

Tgt Ion:146 Resp: 199521
 Ion Ratio Lower Upper
 146 100
 148 62.7 50.4 75.6
 111 43.7 38.2 57.4





#15

Benzyl Alcohol

Concen: 36.84 ng

RT: 8.04 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF095391.D

Acq: 24 May 2017 16:19

Instrument :

BNA_F

ClientSampled :

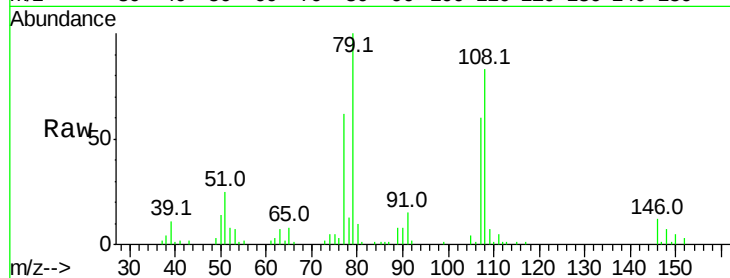
Tot Ion: 79 Resp: 148517

Ion Ratio Lower Upper

79 100

108 82.9 63.4 95.0

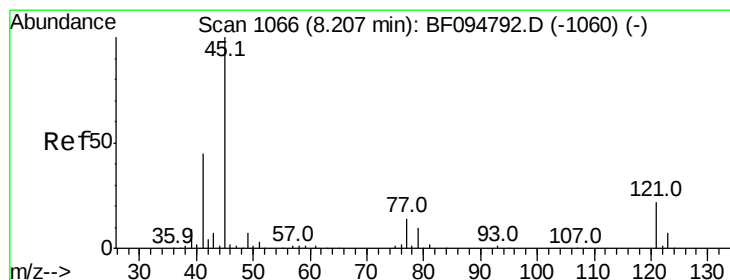
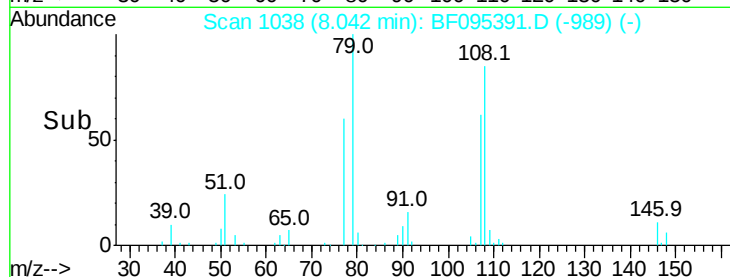
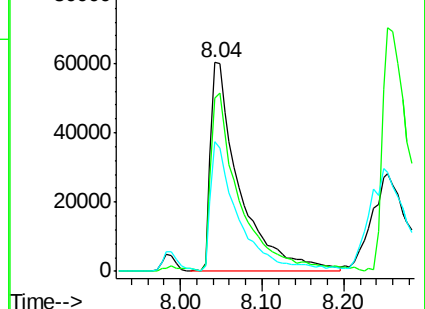
77 61.9 49.2 73.8



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 29.87 ng

RT: 8.24 min Scan# 1071

Delta R.T. -0.02 min

Lab File: BF095391.D

Acq: 24 May 2017 16:19

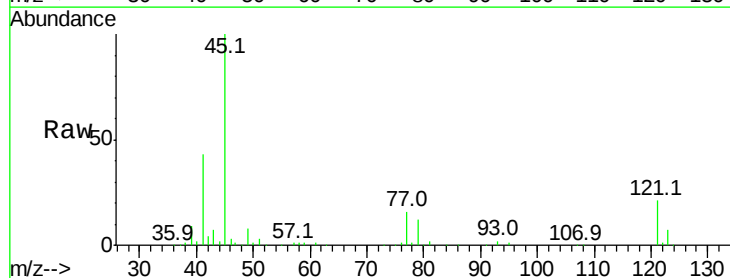
Tgt Ion: 45 Resp: 230535

Ion Ratio Lower Upper

45 100

77 15.8 0.0 33.2

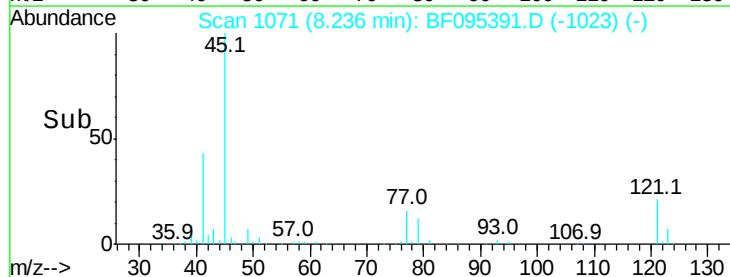
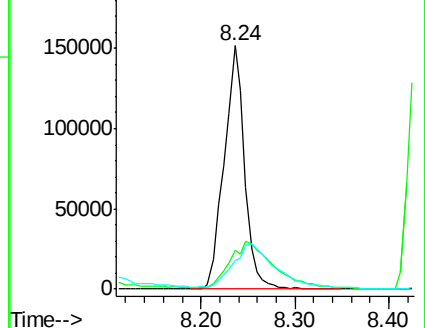
79 12.0 0.0 30.0

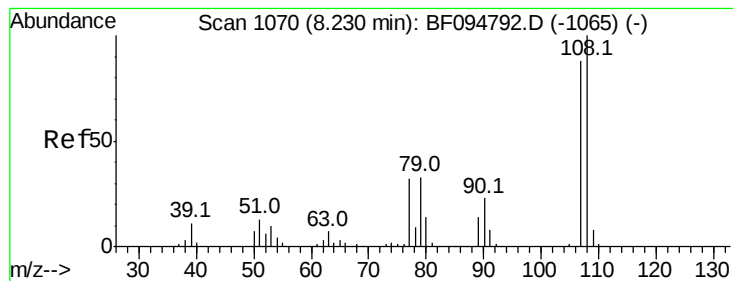


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

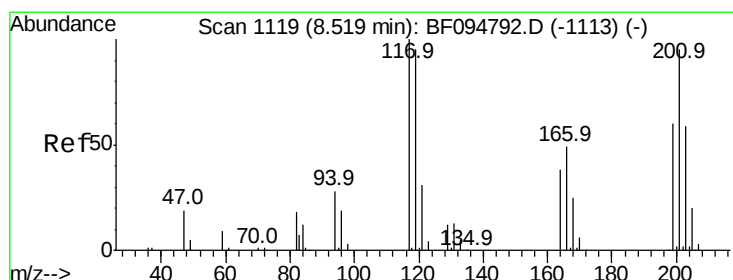
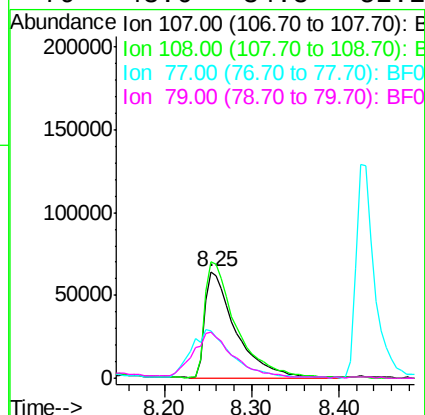
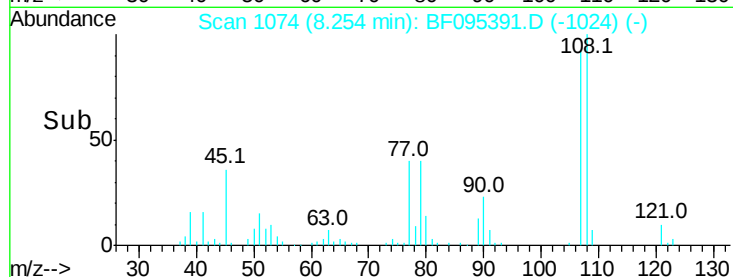
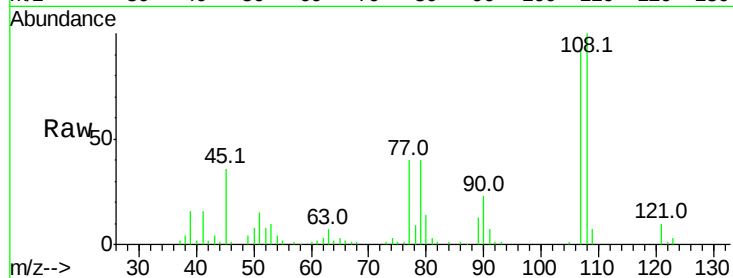




#17
 2-Methylphenol
 Concen: 32.60 ng
 RT: 8.25 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: BF095391.D
 Acq: 24 May 2017 16:19

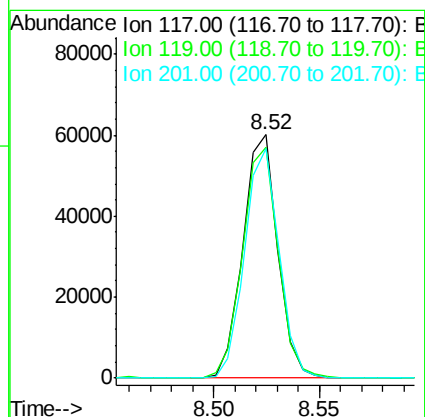
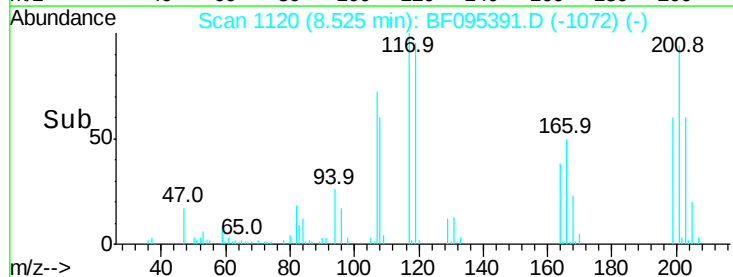
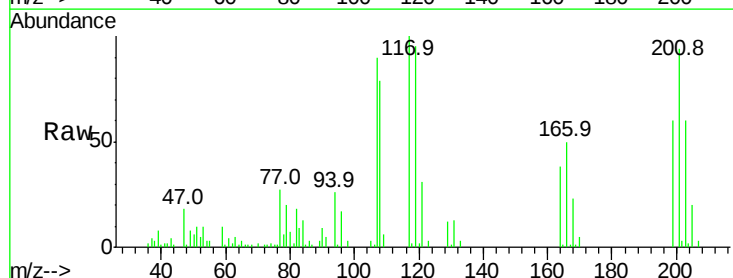
Instrument :
 BNA_F
 ClientSampleId :

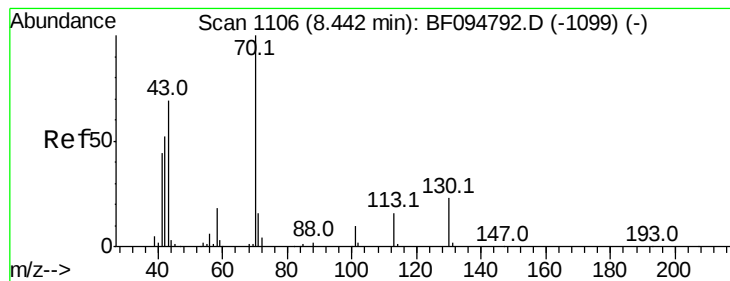
Tot Ion:	107	Resp:	158651
Ion	Ratio	Lower	Upper
107	100		
108	109.2	93.4	140.0
77	44.2	35.8	53.6
79	43.6	34.8	52.2



#18
 Hexachloroethane
 Concen: 29.56 ng
 RT: 8.52 min Scan# 1120
 Delta R.T. -0.02 min
 Lab File: BF095391.D
 Acq: 24 May 2017 16:19

Tgt Ion:	117	Resp:	68497
Ion	Ratio	Lower	Upper
117	100		
119	94.8	77.4	116.0
201	94.2	94.6	141.8#





#19

n-Nitroso-di-n-propylamine

Concen: 31.71 ng

RT: 8.45 min Scan# 1108

Delta R.T. -0.02 min

Lab File: BF095391.D

Acq: 24 May 2017 16:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 134410

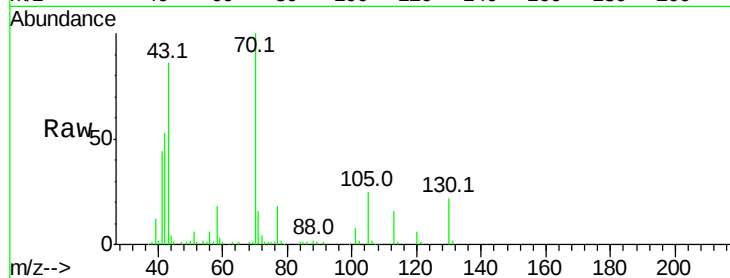
Ion Ratio Lower Upper

70 100

42 53.2 47.2 70.8

101 8.0 7.2 10.8

130 21.9 15.9 23.9

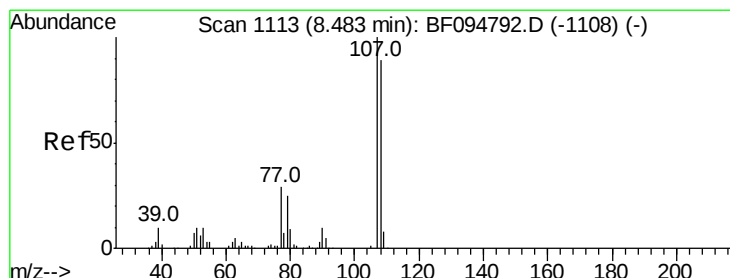
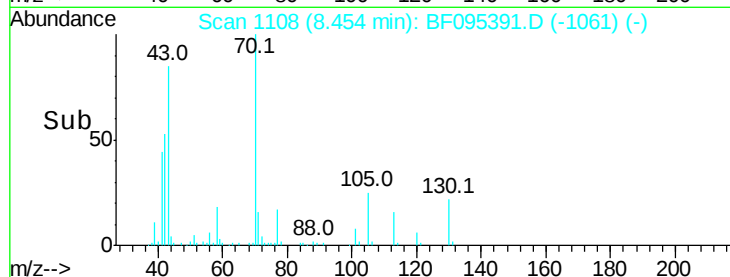
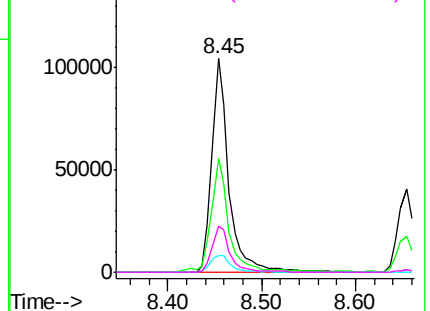


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 30.83 ng

RT: 8.52 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BF095391.D

Acq: 24 May 2017 16:19

Tgt Ion:107 Resp: 203869

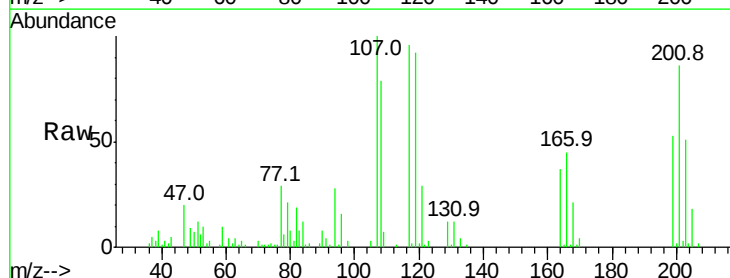
Ion Ratio Lower Upper

107 100

108 79.2 71.0 111.0

77 28.8 90.5 130.5#

79 20.8 8.4 48.4

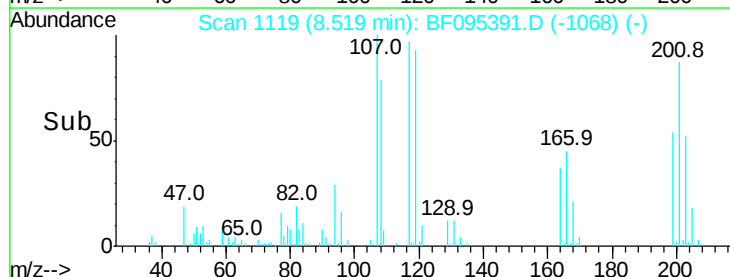
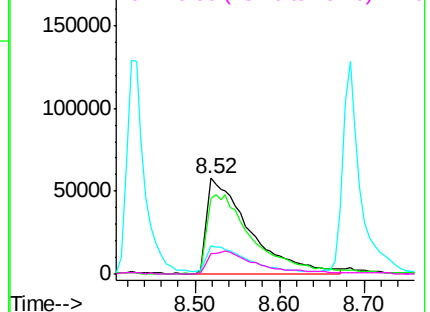


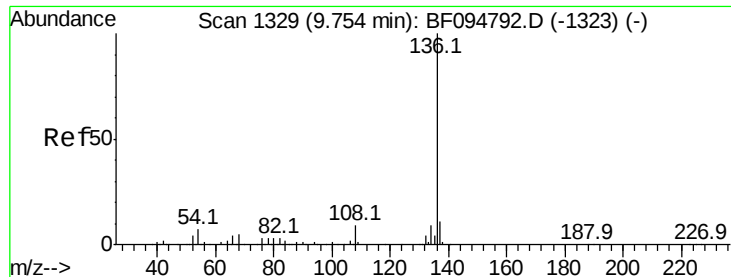
Abundance Ion 107.00 (106.70 to 107.70): E

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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.77 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BF095391.D

Acq: 24 May 2017 16:19

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 397723

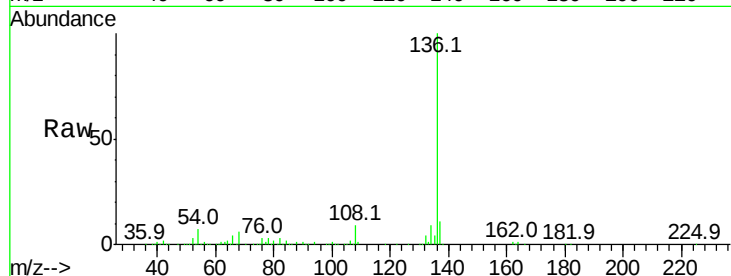
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 6.8 4.9 7.3

68 5.8 4.1 6.1

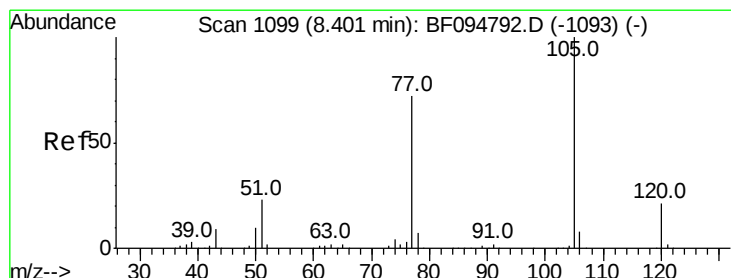
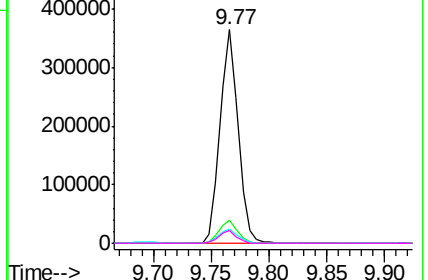
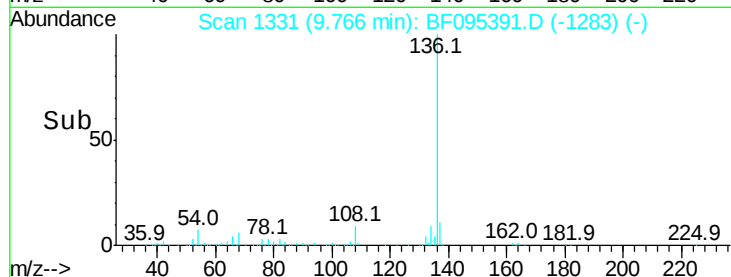


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 28.31 ng

RT: 8.43 min Scan# 1104

Delta R.T. -0.02 min

Lab File: BF095391.D

Acq: 24 May 2017 16:19

Tgt Ion:105 Resp: 270106

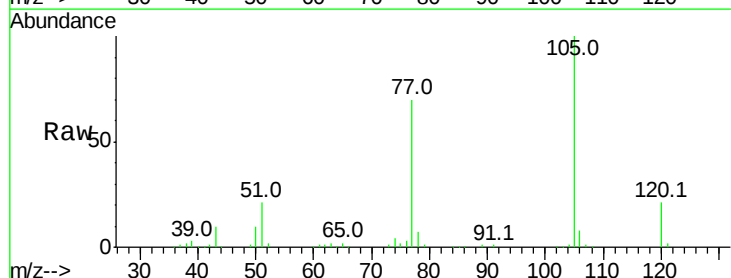
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 21.2 30.7 46.1#

120 21.0 17.4 26.0

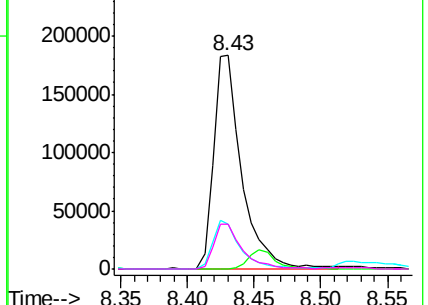
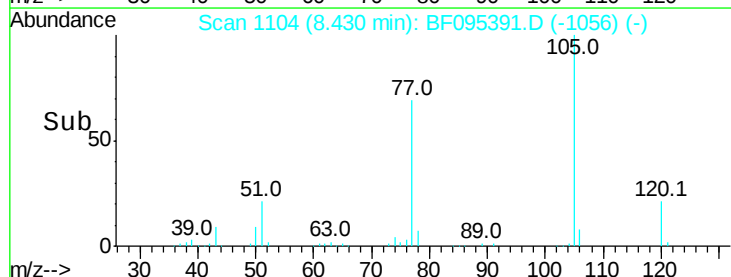


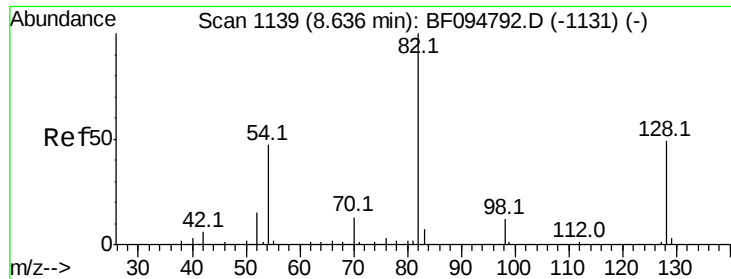
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

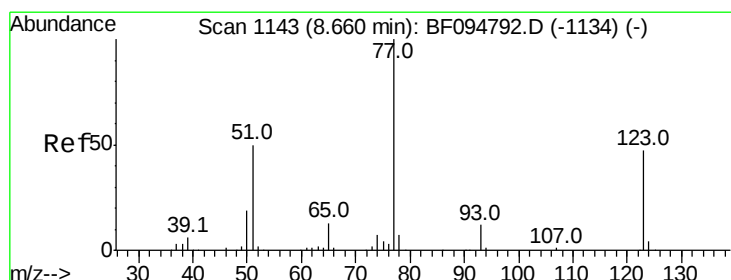
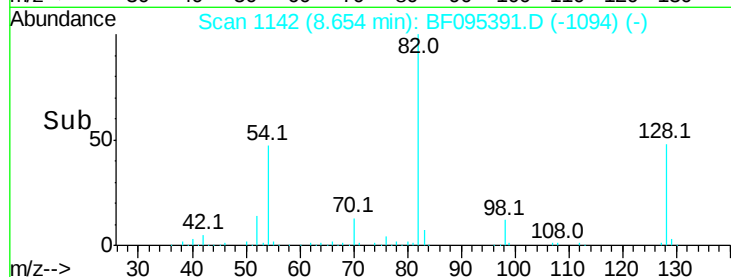
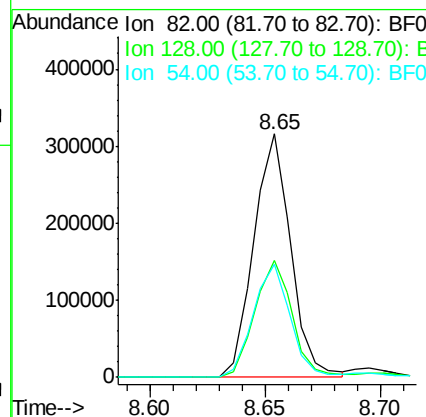
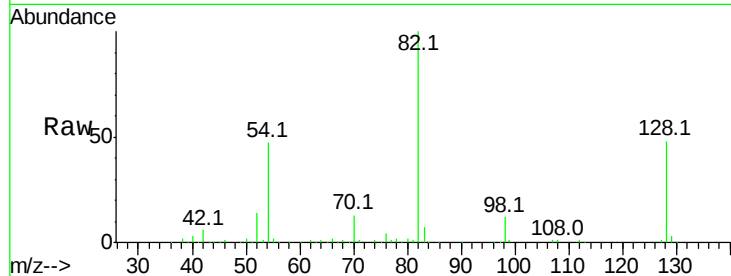




#23
 Nitrobenzene-d5
 Concen: 56.03 ng
 RT: 8.65 min Scan# 1142
 Delta R.T. -0.02 min
 Lab File: BF095391.D
 Acq: 24 May 2017 16:19

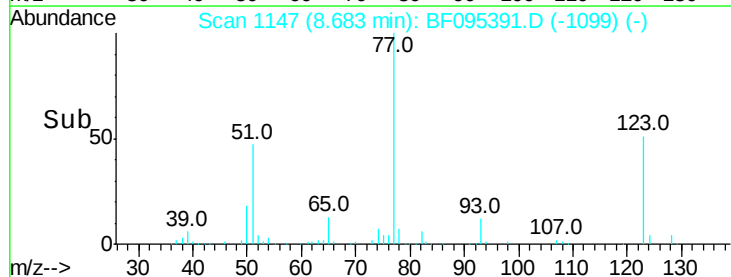
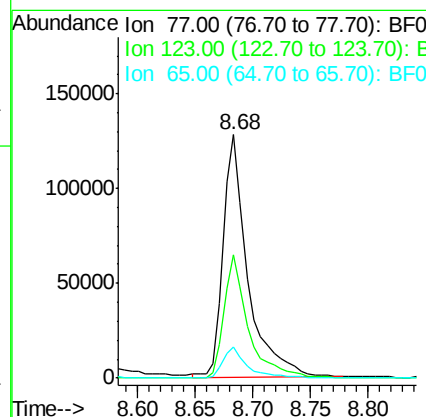
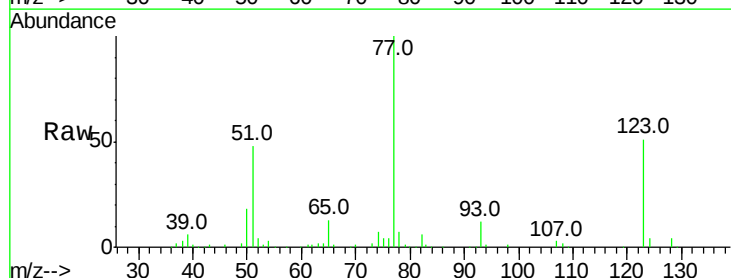
Instrument :
 BNA_F
 ClientSampleId :

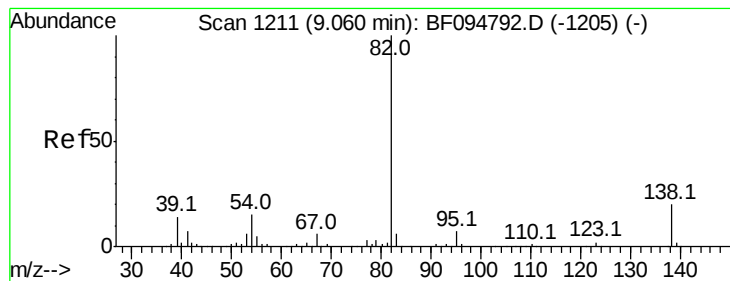
Tot Ion	82	Resp	353419
Ion Ratio	Lower	Upper	
82	100		
128	47.9	34.0	51.0
54	46.5	42.2	63.2



#24
 Nitrobenzene
 Concen: 28.60 ng
 RT: 8.68 min Scan# 1147
 Delta R.T. -0.02 min
 Lab File: BF095391.D
 Acq: 24 May 2017 16:19

Tgt Ion	77	Resp	189068
Ion Ratio	Lower	Upper	
77	100		
123	50.5	35.8	53.8
65	13.1	10.6	15.8





#25

Isophorone

Concen: 30.86 ng

RT: 9.08 min Scan# 1215

Delta R.T. -0.02 min

Lab File: BF095391.D

Acq: 24 May 2017 16:19

Instrument :

BNA_F

ClientSampleId :

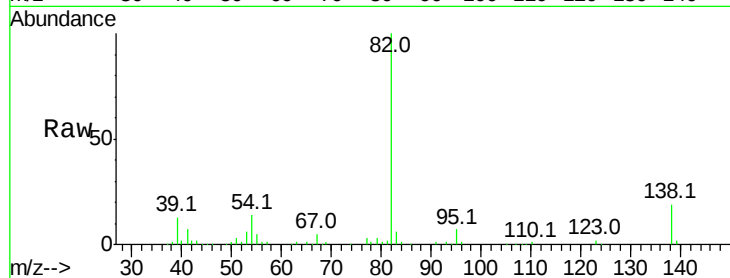
Tot Ion: 82 Resp: 347597

Ion Ratio Lower Upper

82 100

95 6.9 5.3 7.9

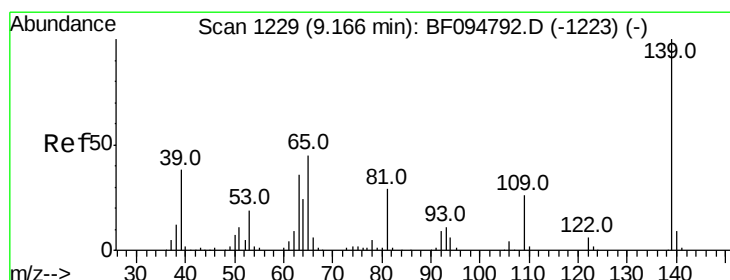
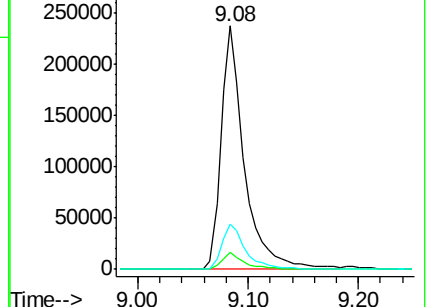
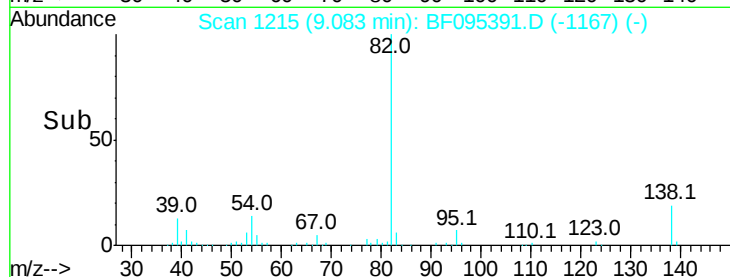
138 18.6 13.1 19.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 31.33 ng

RT: 9.20 min Scan# 1234

Delta R.T. -0.01 min

Lab File: BF095391.D

Acq: 24 May 2017 16:19

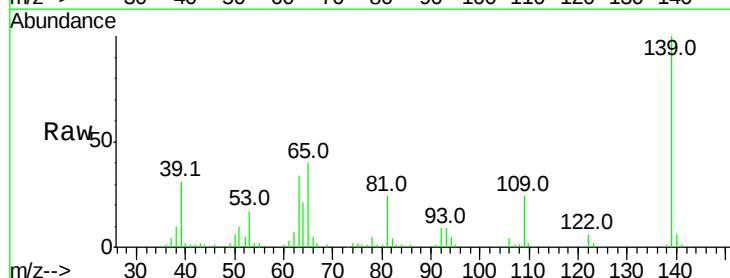
Tgt Ion: 139 Resp: 111778

Ion Ratio Lower Upper

139 100

109 23.7 21.0 31.6

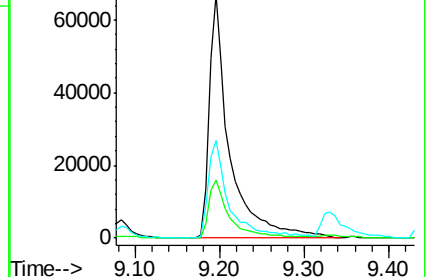
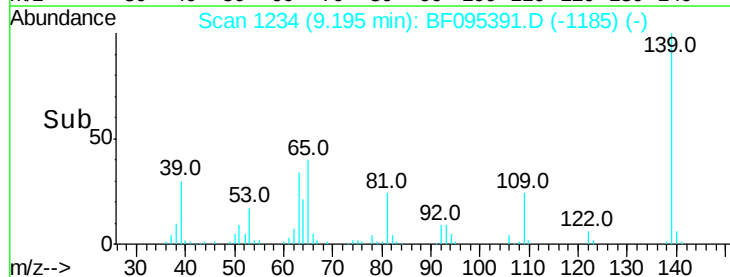
65 40.2 33.0 49.6

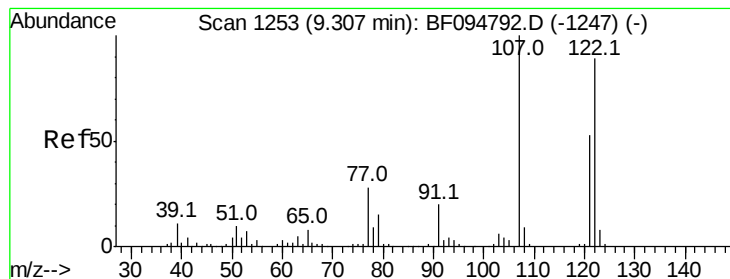


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 28.94 ng

RT: 9.33 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BF095391.D

Acq: 24 May 2017 16:19

Instrument :

BNA_F

ClientSampleId :

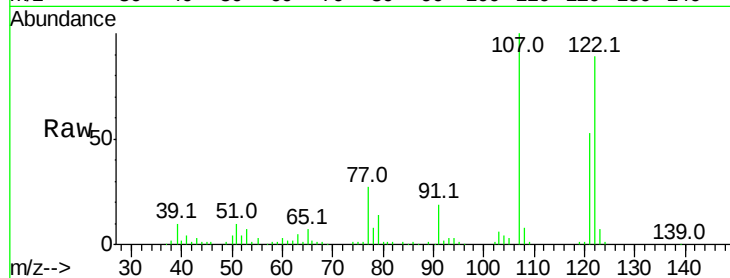
Tot Ion:122 Resp: 166898

Ion Ratio Lower Upper

122 100

107 112.1 89.2 133.8

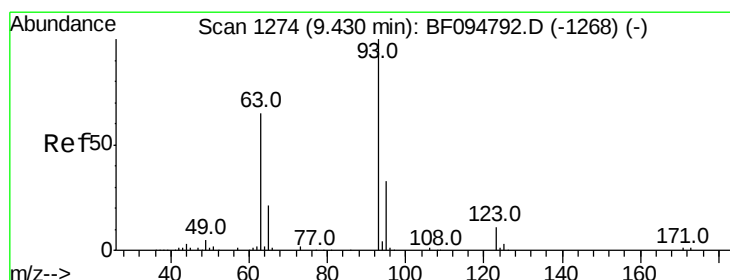
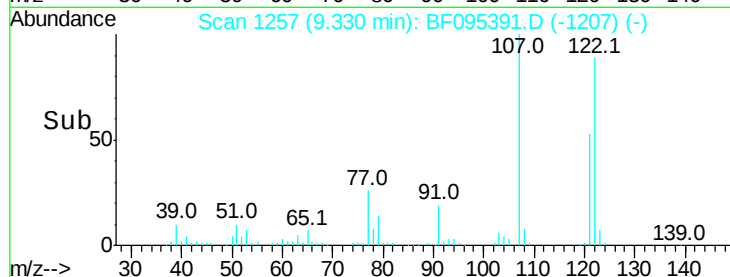
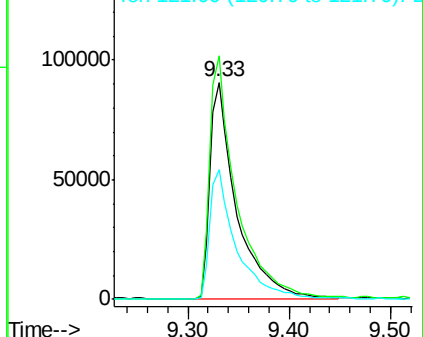
121 59.7 45.2 67.8



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: 29.64 ng

RT: 9.45 min Scan# 1277

Delta R.T. -0.02 min

Lab File: BF095391.D

Acq: 24 May 2017 16:19

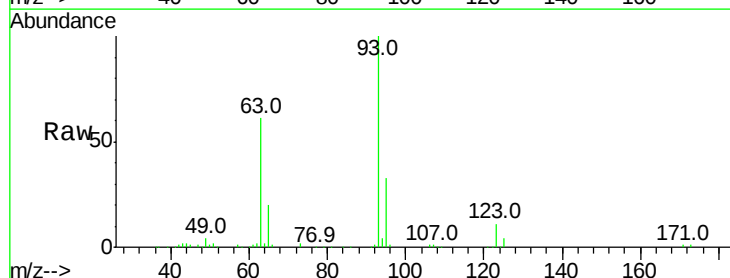
Tgt Ion: 93 Resp: 230958

Ion Ratio Lower Upper

93 100

95 33.2 26.5 39.7

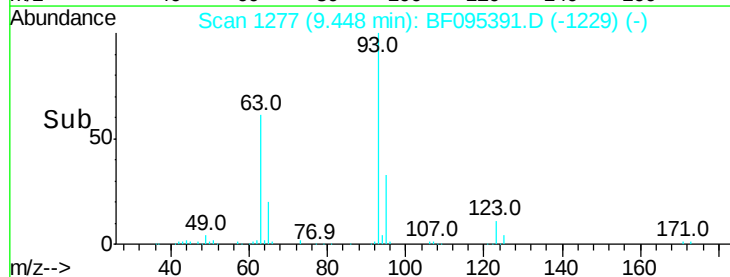
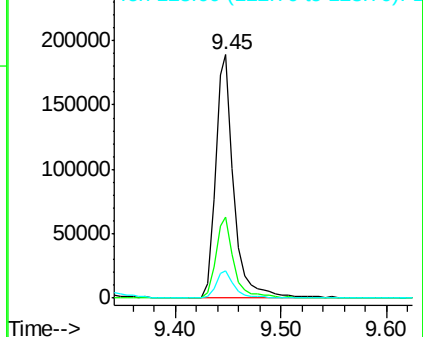
123 11.4 9.0 13.4

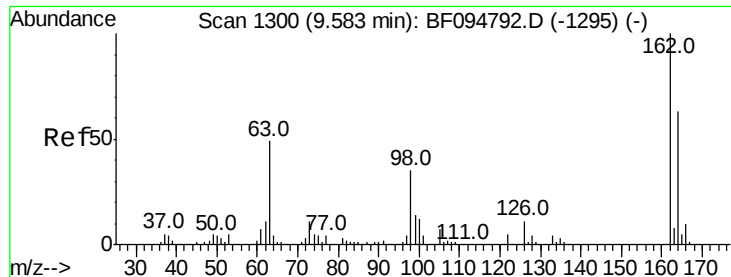


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

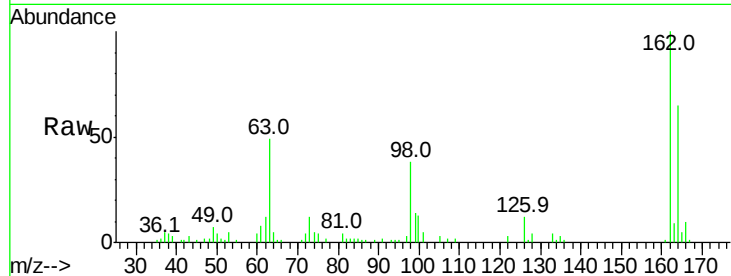




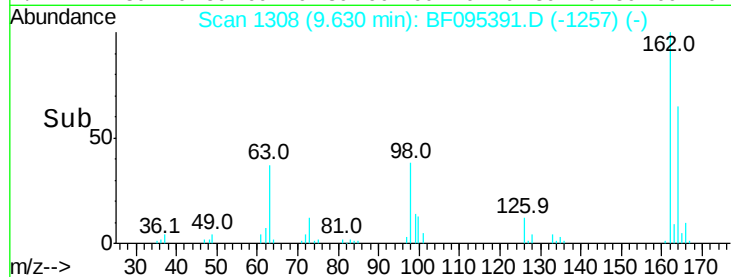
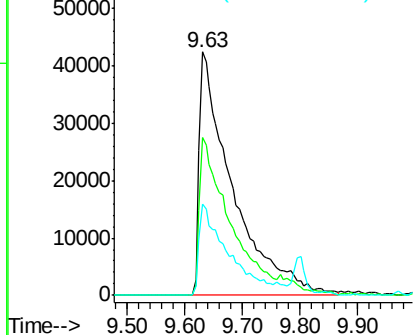
#29
 2,4-Dichlorophenol
 Concen: 31.33 ng
 RT: 9.63 min Scan# 1308
 Delta R.T. -0.00 min
 Lab File: BF095391.D
 Acq: 24 May 2017 16:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 170598
 Ion Ratio Lower Upper
 162 100
 164 64.7 44.6 84.6
 98 37.6 14.8 54.8

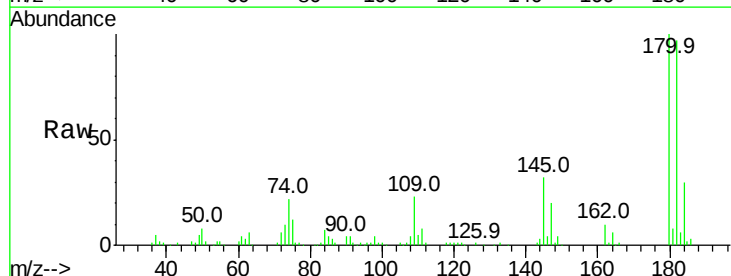


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

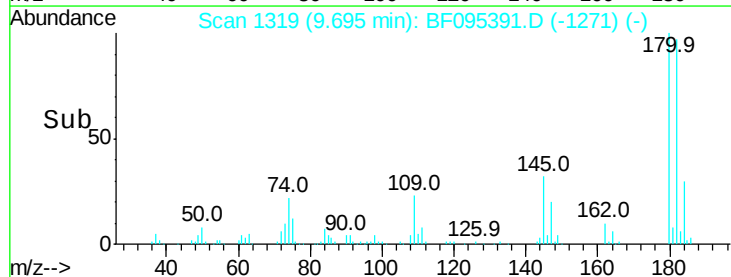
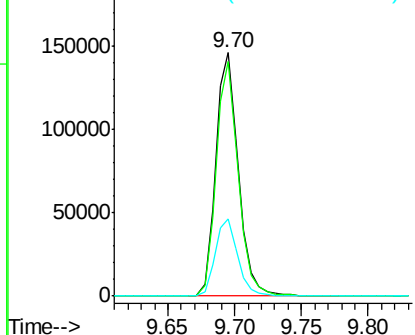


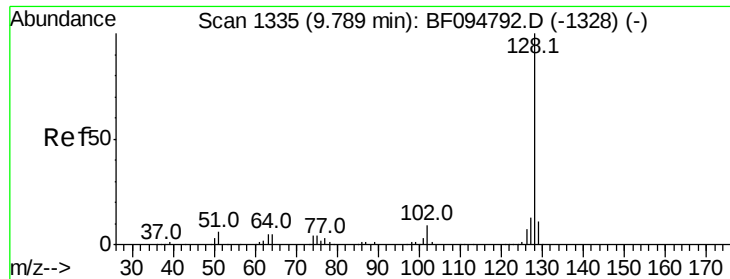
#30
 1,2,4-Trichlorobenzene
 Concen: 29.81 ng
 RT: 9.70 min Scan# 1319
 Delta R.T. -0.02 min
 Lab File: BF095391.D
 Acq: 24 May 2017 16:19

Tgt Ion:180 Resp: 173896
 Ion Ratio Lower Upper
 180 100
 182 96.6 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

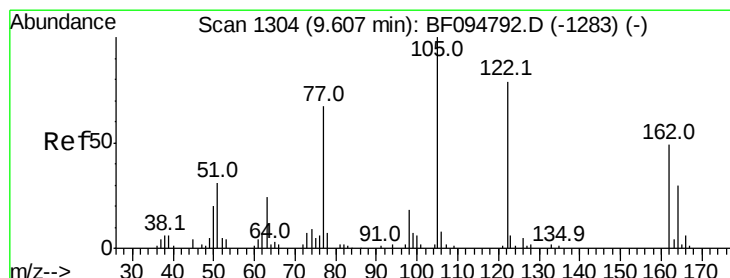
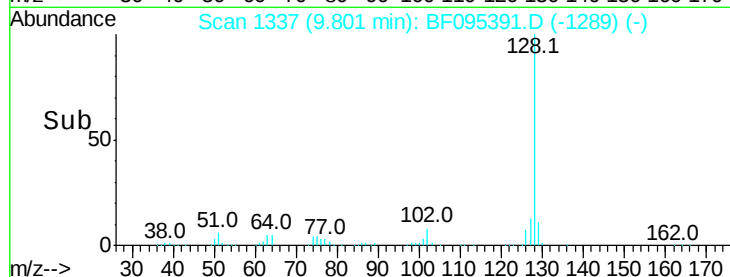
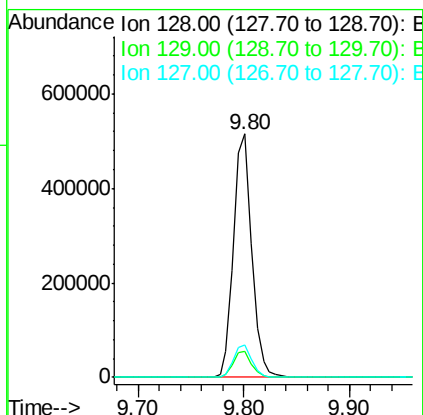
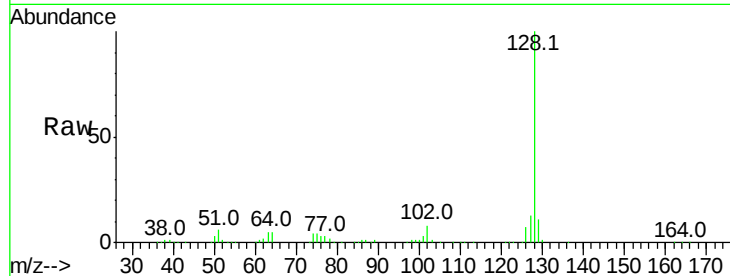




#31
Naphthalene
Concen: 30.52 ng
RT: 9.80 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF095391.D
Acq: 24 May 2017 16:19

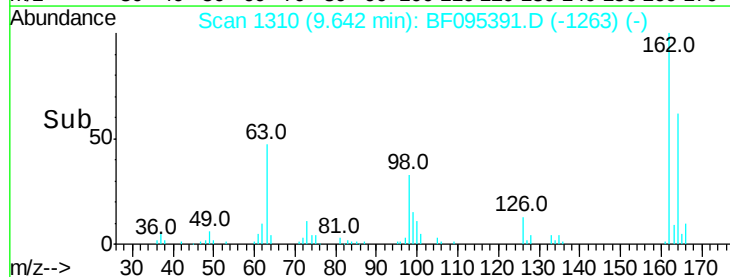
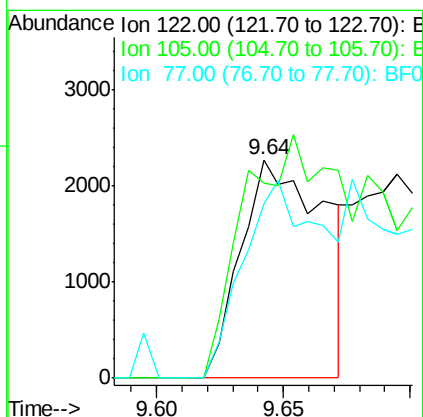
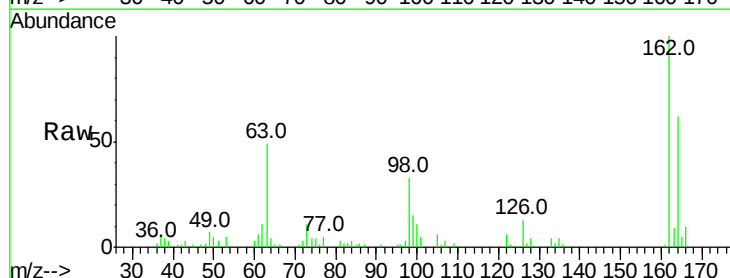
Instrument :
BNA_F
ClientSampleId :

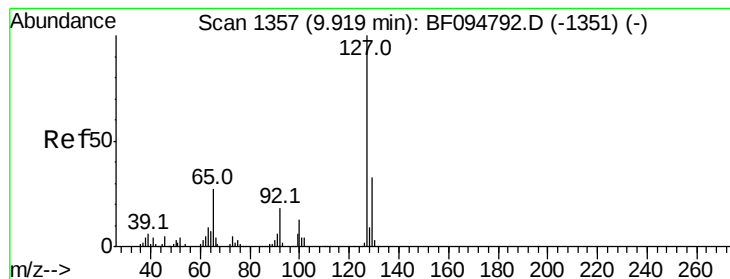
Tot Ion:128 Resp: 610169
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.6
127 13.2 10.8 16.2



#32
Benzoic acid
Concen: 6.31 ng
RT: 9.64 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BF095391.D
Acq: 24 May 2017 16:19

Tgt Ion:122 Resp: 5193
Ion Ratio Lower Upper
122 100
105 89.4 103.3 143.3#
77 79.8 73.7 113.7





#33

4-Chloroaniline

Concen: 5.93 ng

RT: 9.99 min Scan# 1370

Delta R.T. 0.04 min

Lab File: BF095391.D

Acq: 24 May 2017 16:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 44159

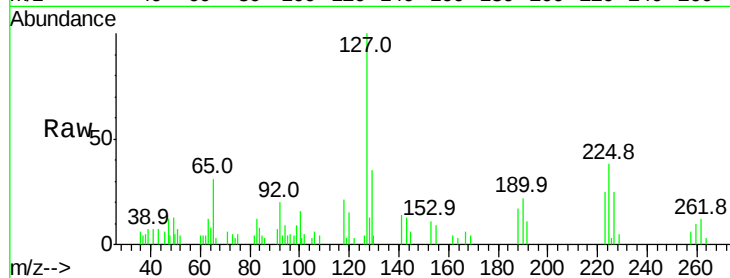
Ion Ratio Lower Upper

127 100

129 34.8 26.2 39.2

65 30.7 27.8 41.8

92 20.2 16.8 25.2

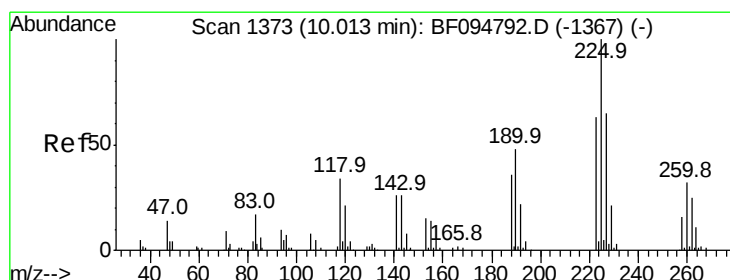
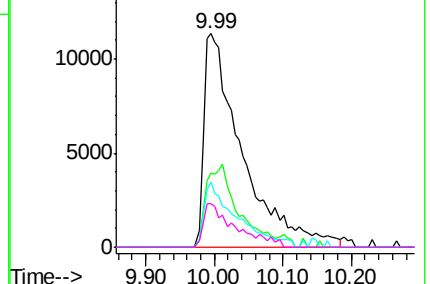
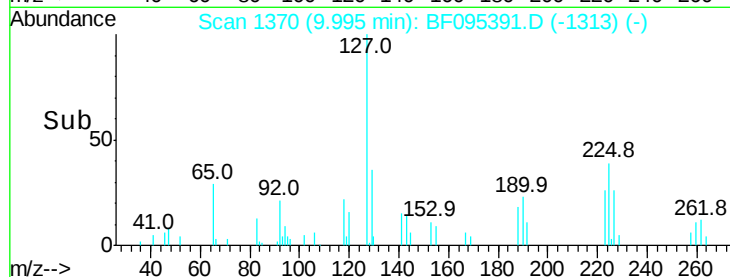


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 27.47 ng

RT: 10.01 min Scan# 1373

Delta R.T. -0.02 min

Lab File: BF095391.D

Acq: 24 May 2017 16:19

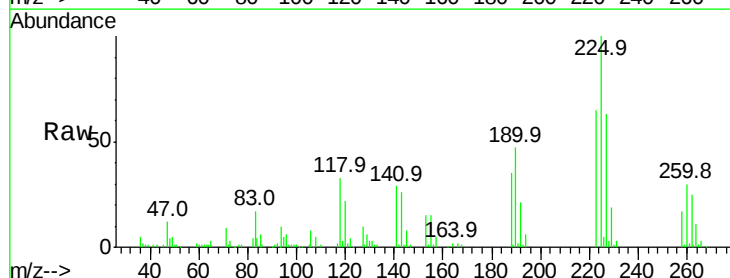
Tgt Ion:225 Resp: 84579

Ion Ratio Lower Upper

225 100

223 65.4 48.8 73.2

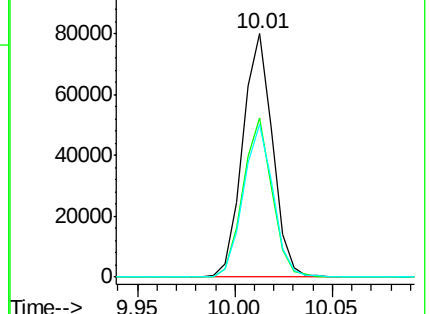
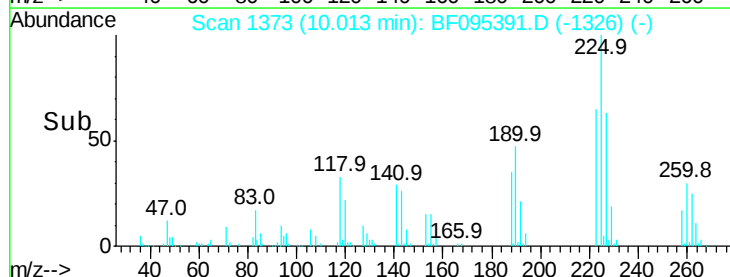
227 62.9 51.1 76.7

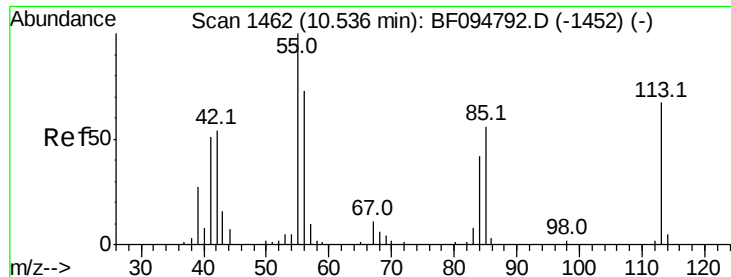


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 15.78 ng

RT: 10.57 min Scan# 1467

Delta R.T. -0.03 min

Lab File: BF095391.D

Acq: 24 May 2017 16:19

Instrument :

BNA_F

ClientSampleId :

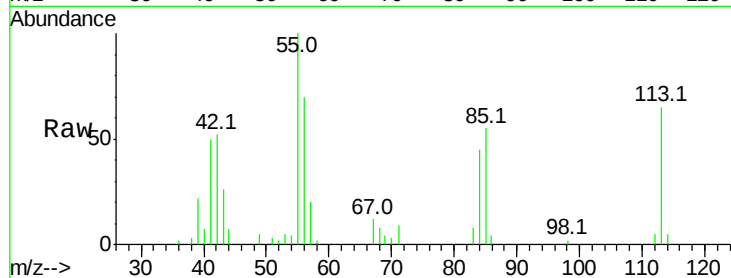
Tot Ion:113 Resp: 25797

Ion Ratio Lower Upper

113 100

55 154.9 150.2 190.2

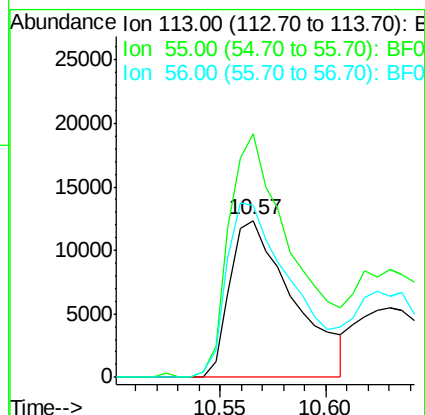
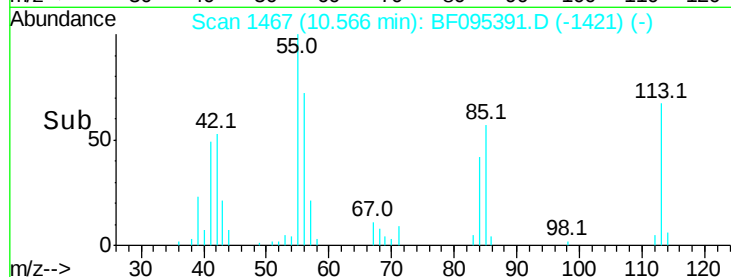
56 109.0 107.8 147.8



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: 29.80 ng

RT: 10.81 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BF095391.D

Acq: 24 May 2017 16:19

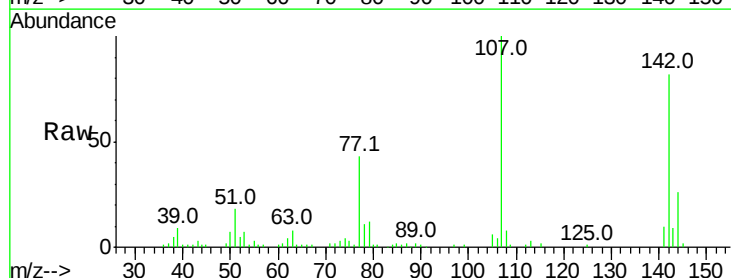
Tgt Ion:107 Resp: 173526

Ion Ratio Lower Upper

107 100

144 26.3 24.2 36.4

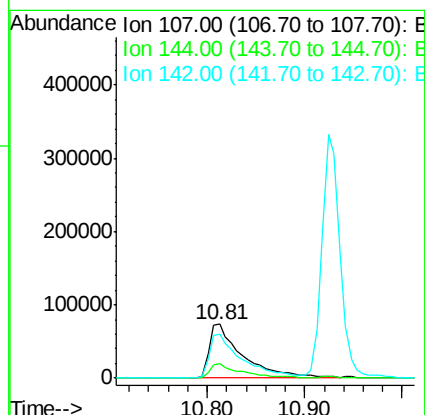
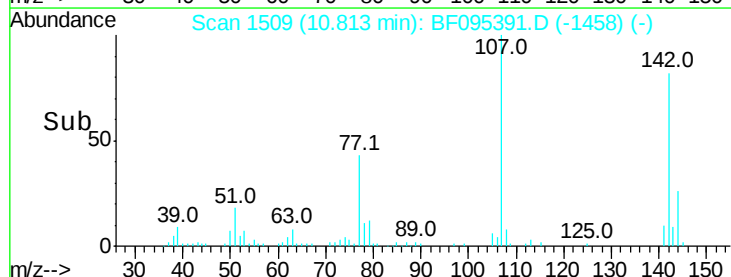
142 82.2 73.4 110.0

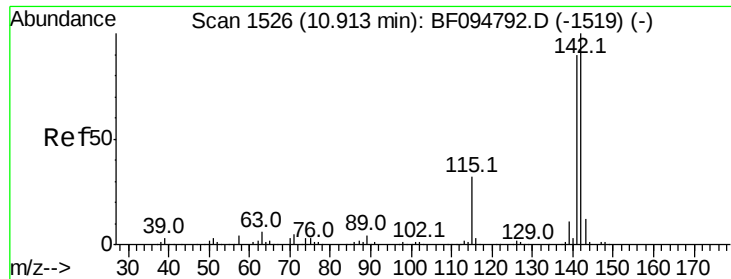


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

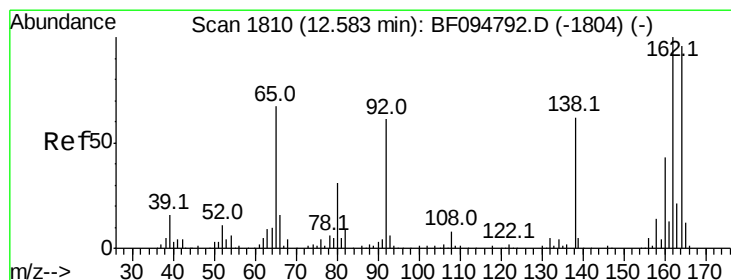
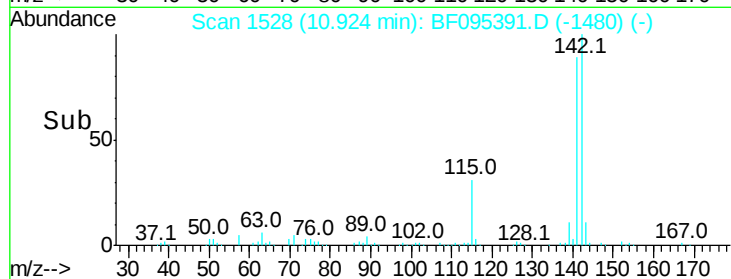
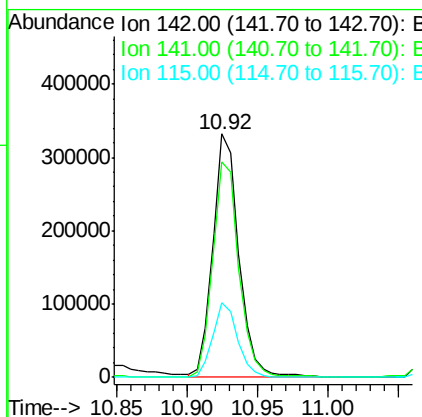
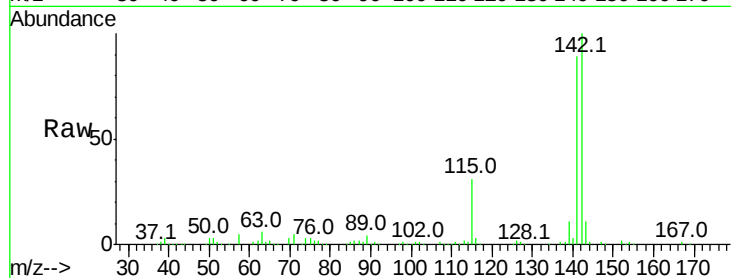




#37
 2-Methylnaphthalene
 Concen: 32.24 ng
 RT: 10.92 min Scan# 1528
 Delta R.T. -0.02 min
 Lab File: BF095391.D
 Acq: 24 May 2017 16:19

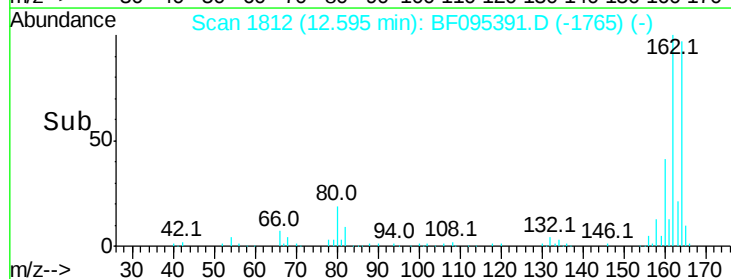
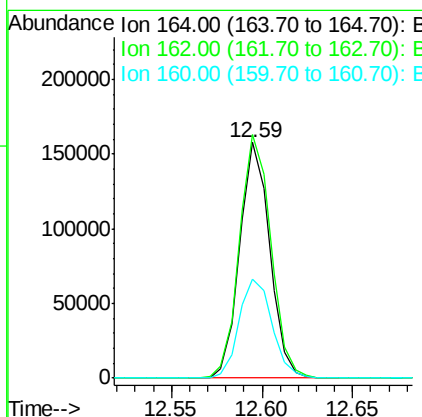
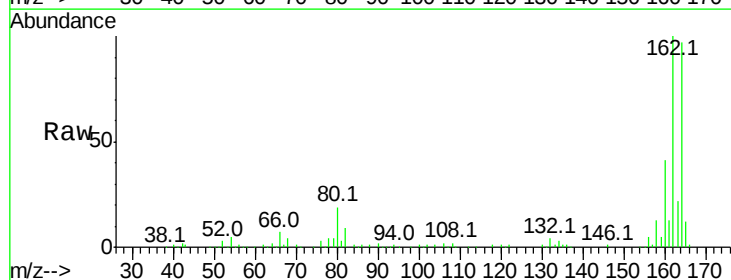
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 422982
 Ion Ratio Lower Upper
 142 100
 141 88.7 71.3 106.9
 115 30.5 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.59 min Scan# 1812
 Delta R.T. -0.02 min
 Lab File: BF095391.D
 Acq: 24 May 2017 16:19

Tgt Ion:164 Resp: 181901
 Ion Ratio Lower Upper
 164 100
 162 103.2 82.6 123.8
 160 42.2 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 28.60 ng

RT: 11.21 min Scan# 1576

Delta R.T. -0.02 min

Lab File: BF095391.D

Acq: 24 May 2017 16:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 159963

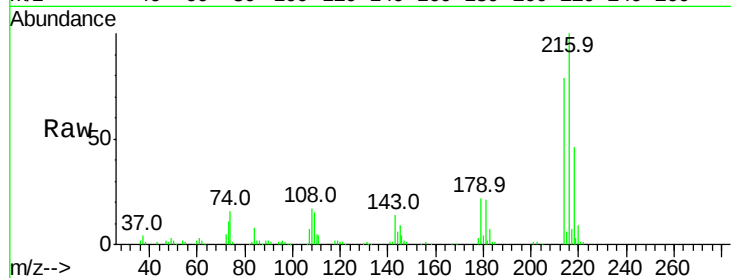
Ion Ratio Lower Upper

216 100

214 79.9 63.4 95.2

179 21.7 17.9 26.9

108 17.8 16.5 24.7

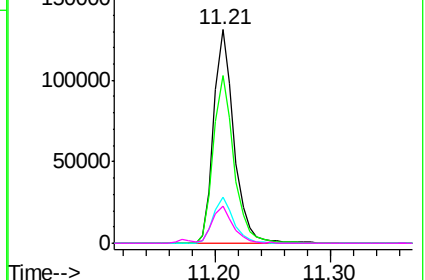
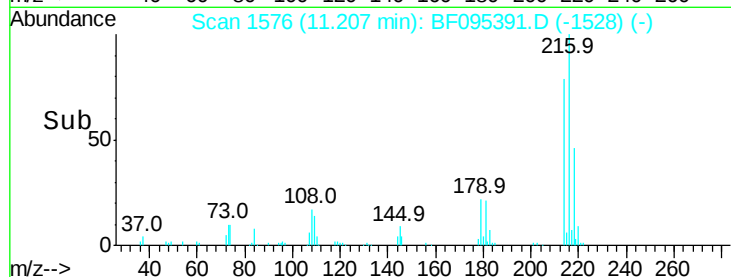


Abundance Ion 216.00 (215.70 to 216.70): E

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: 26.59 ng

RT: 11.18 min Scan# 1571

Delta R.T. -0.02 min

Lab File: BF095391.D

Acq: 24 May 2017 16:19

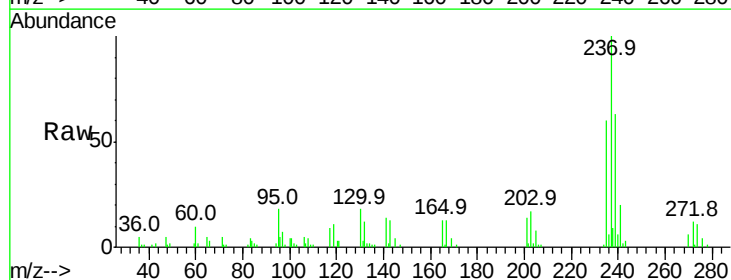
Tgt Ion:237 Resp: 52248

Ion Ratio Lower Upper

237 100

235 60.3 42.6 82.6

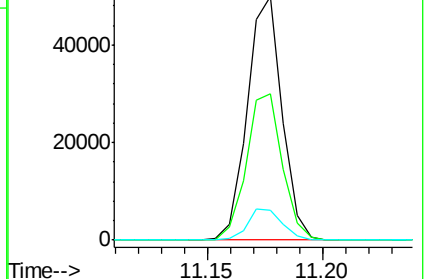
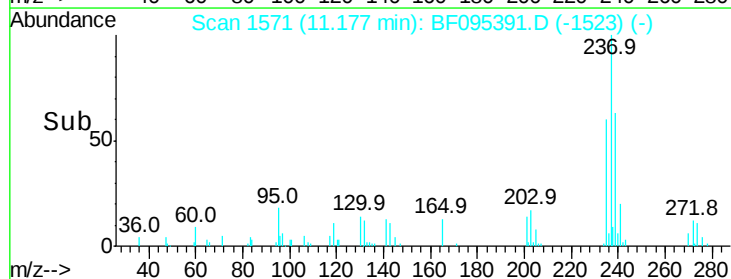
272 12.4 0.0 31.9



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

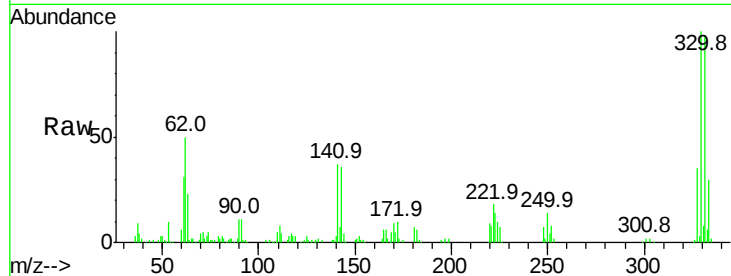




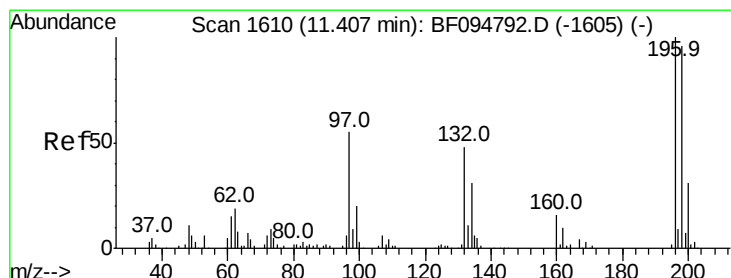
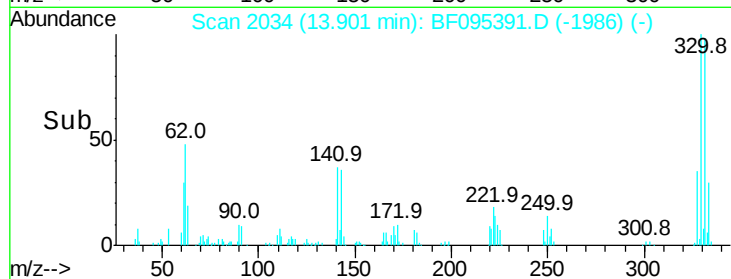
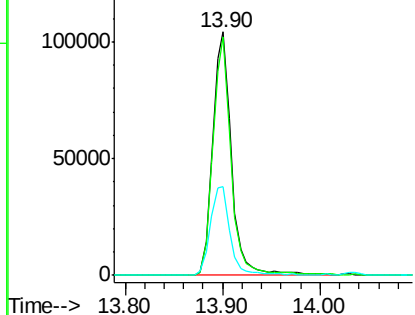
#41
 2,4,6-Tribromophenol
 Concen: 92.87 ng
 RT: 13.90 min Scan# 2034
 Delta R.T. -0.02 min
 Lab File: BF095391.D
 Acq: 24 May 2017 16:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.6	115.0
141	38.9	31.4	47.2

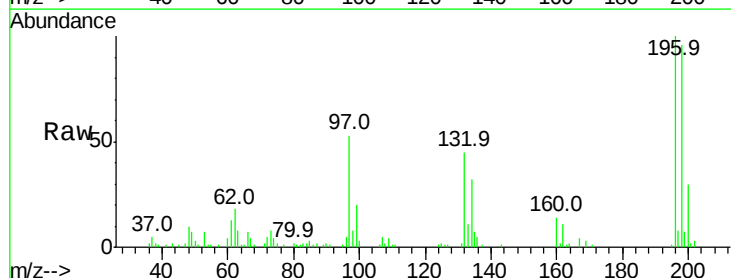


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

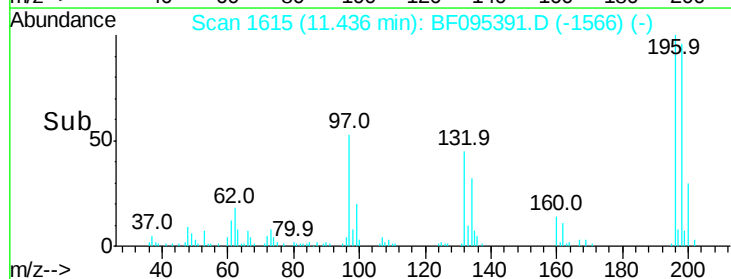
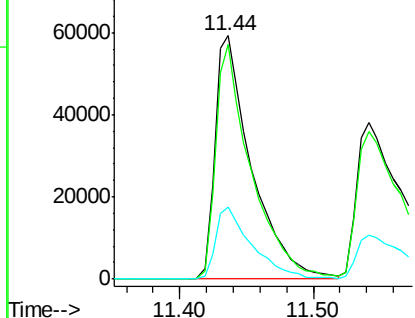


#42
 2,4,6-Trichlorophenol
 Concen: 30.35 ng
 RT: 11.44 min Scan# 1615
 Delta R.T. -0.01 min
 Lab File: BF095391.D
 Acq: 24 May 2017 16:19

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.5	74.2	111.4
200	29.8	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

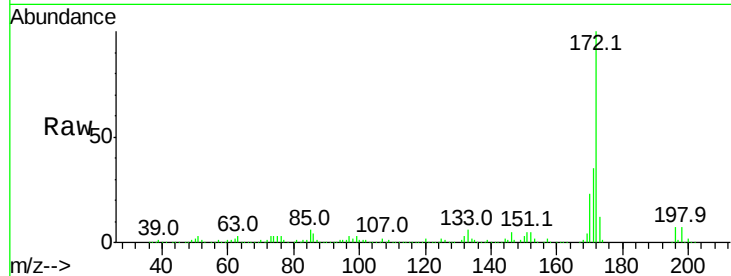




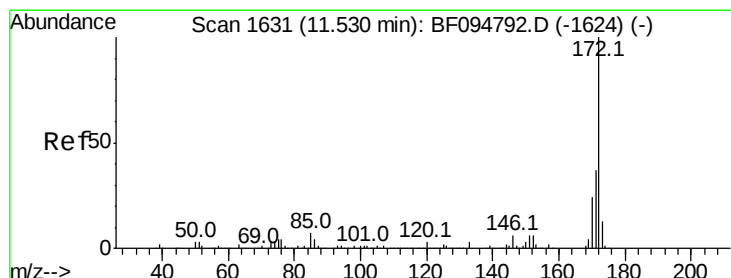
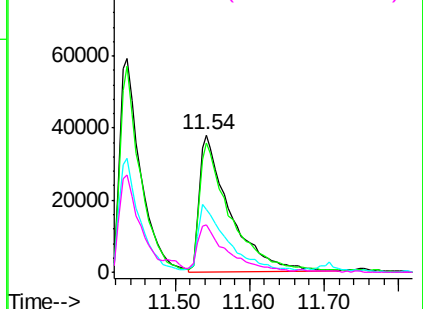
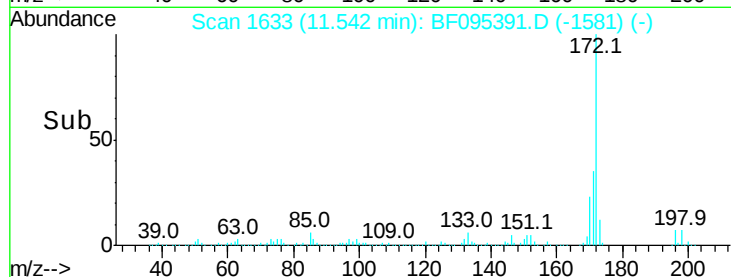
#43
 2,4,5-Trichlorophenol
 Concen: 26.68 ng
 RT: 11.54 min Scan# 1633
 Delta R.T. 0.01 min
 Lab File: BF095391.D
 Acq: 24 May 2017 16:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 107085
 Ion Ratio Lower Upper
 196 100
 198 94.1 75.7 113.5
 97 45.8 47.7 71.5#
 132 34.5 28.0 42.0

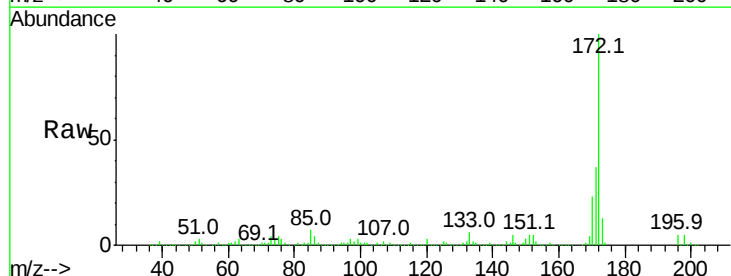


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

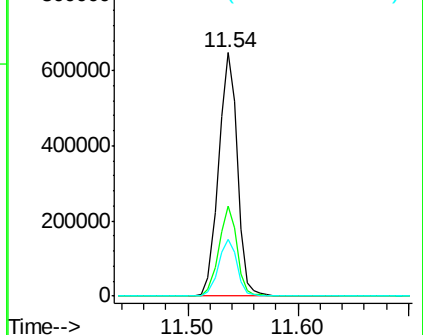
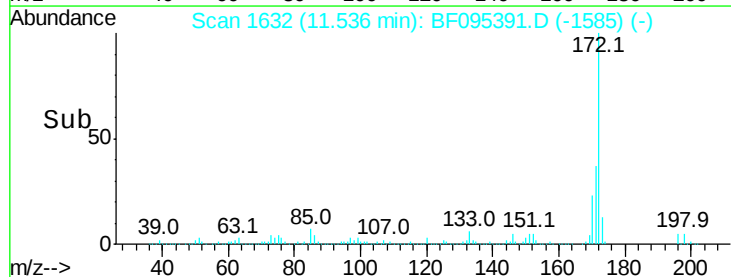


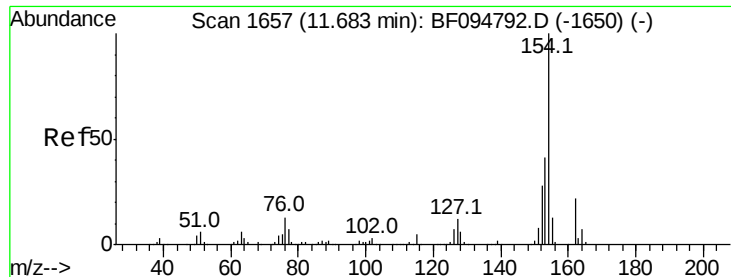
#44
 2-Fluorobiphenyl
 Concen: 60.66 ng
 RT: 11.54 min Scan# 1632
 Delta R.T. -0.02 min
 Lab File: BF095391.D
 Acq: 24 May 2017 16:19

Tgt Ion:172 Resp: 766633
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.6 44.4
 170 23.2 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 30.51 ng

RT: 11.69 min Scan# 1658

Delta R.T. -0.02 min

Lab File: BF095391.D

Acq: 24 May 2017 16:19

Instrument :

BNA_F

ClientSampleId :

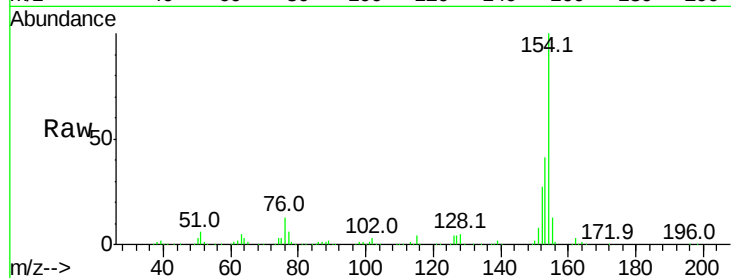
Tot Ion:154 Resp: 467294

Ion Ratio Lower Upper

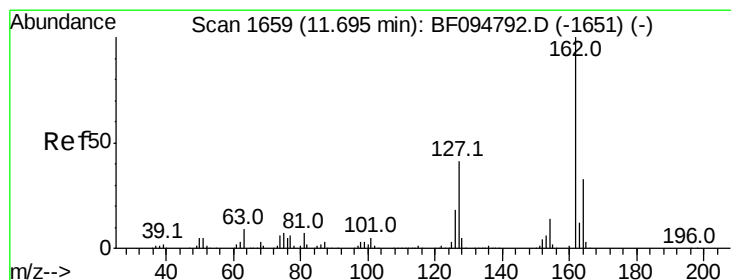
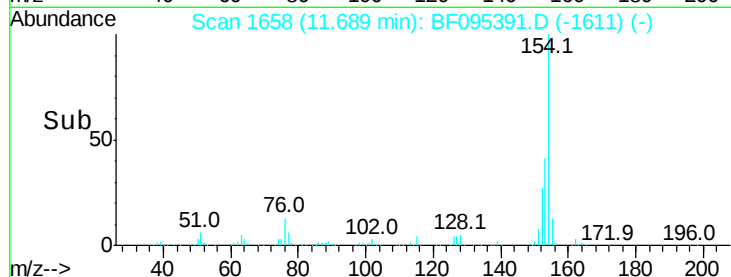
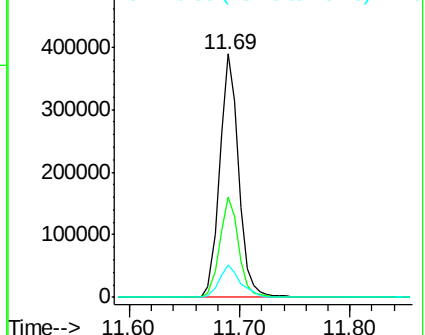
154 100

153 41.4 21.2 61.2

76 13.1 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: 29.26 ng

RT: 11.71 min Scan# 1661

Delta R.T. -0.02 min

Lab File: BF095391.D

Acq: 24 May 2017 16:19

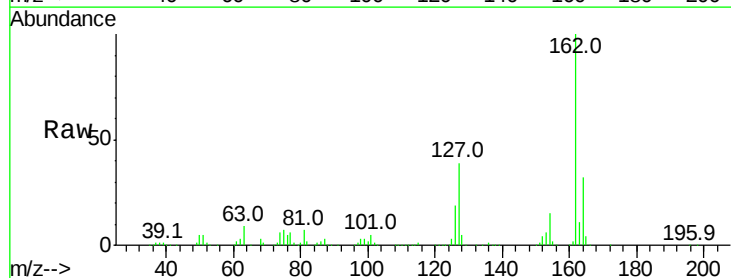
Tgt Ion:162 Resp: 361862

Ion Ratio Lower Upper

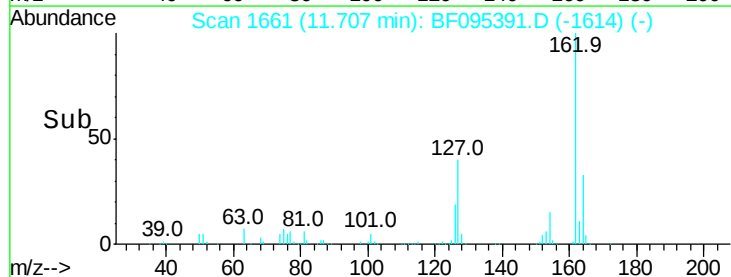
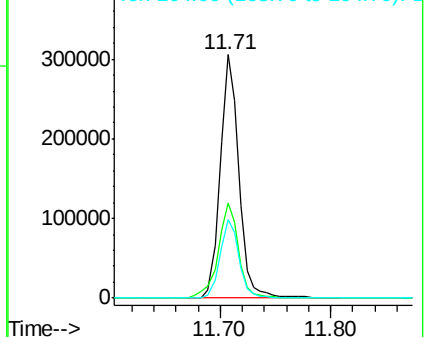
162 100

127 39.2 28.3 42.5

164 32.5 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: 29.62 ng

RT: 11.94 min Scan# 1700

Delta R.T. -0.01 min

Lab File: BF095391.D

Acq: 24 May 2017 16:19

Instrument :

BNA_F

ClientSampleId :

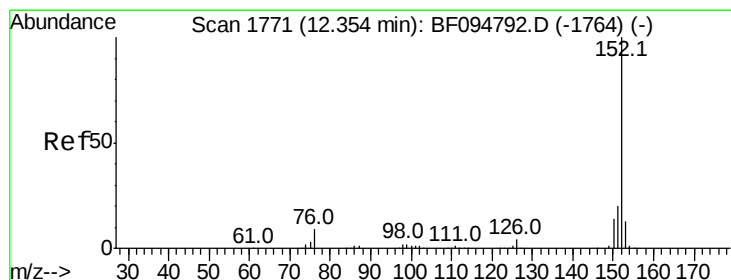
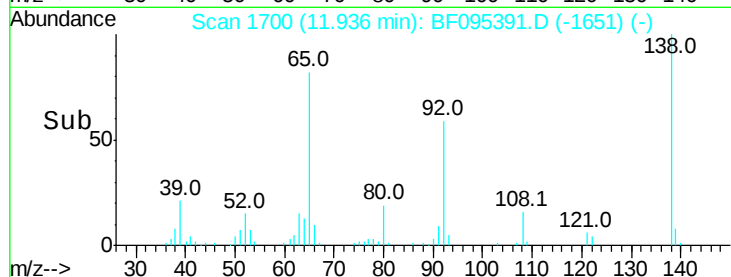
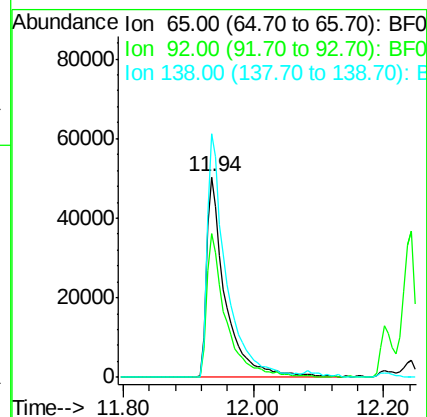
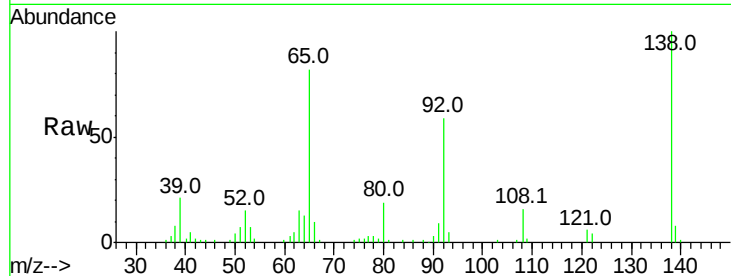
Tot Ion: 65 Resp: 100260

Ion Ratio Lower Upper

65 100

92 71.7 53.9 80.9

138 121.5 78.8 118.2#



#48

Acenaphthylene

Concen: 29.58 ng

RT: 12.37 min Scan# 1773

Delta R.T. -0.02 min

Lab File: BF095391.D

Acq: 24 May 2017 16:19

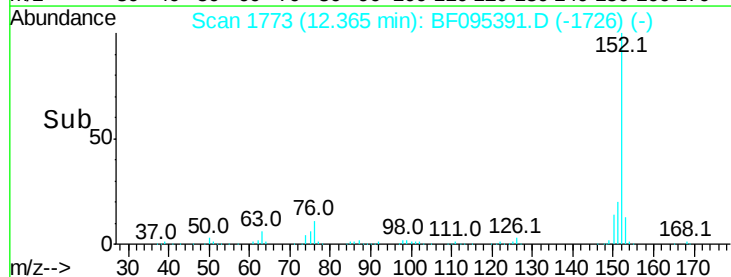
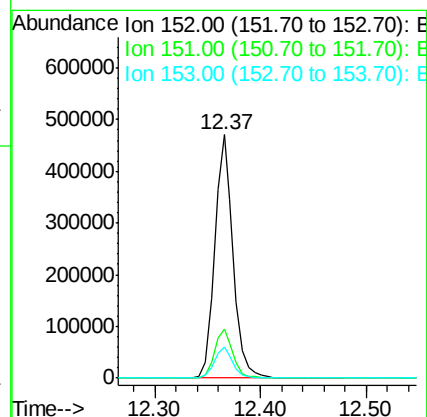
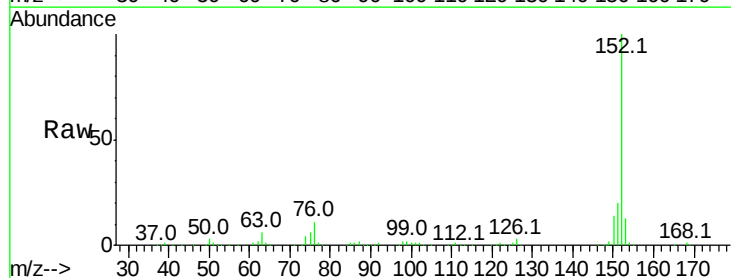
Tgt Ion:152 Resp: 572940

Ion Ratio Lower Upper

152 100

151 20.1 16.8 25.2

153 12.9 10.8 16.2





#49

Dimethylphthalate

Concen: 35.78 ng

RT: 12.24 min Scan# 1752

Delta R.T. -0.02 min

Lab File: BF095391.D

Acq: 24 May 2017 16:19

Instrument :

BNA_F

ClientSampleId :

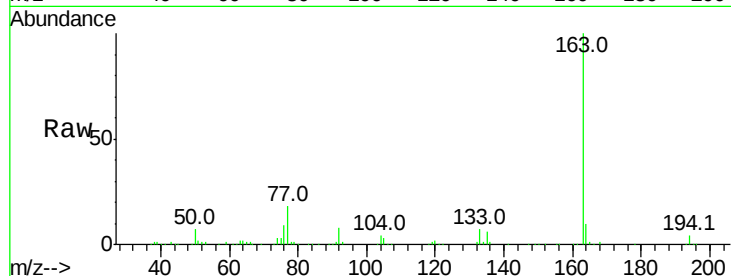
Tot Ion:163 Resp: 534254

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

164 10.1 8.4 12.6

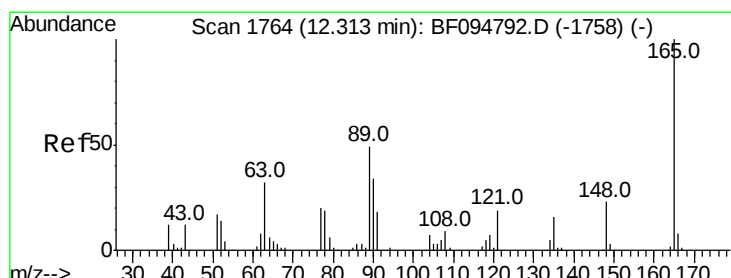
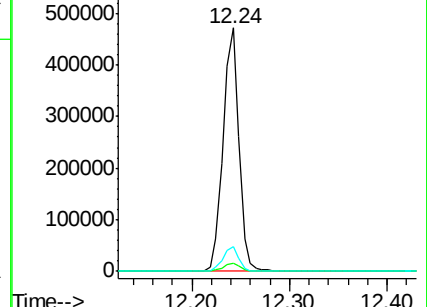
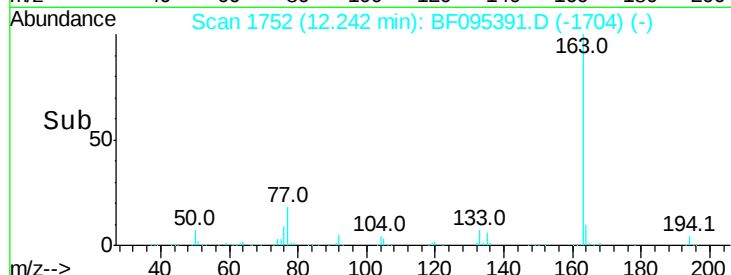


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

12.24



#50

2,6-Dinitrotoluene

Concen: 30.40 ng

RT: 12.34 min Scan# 1768

Delta R.T. -0.02 min

Lab File: BF095391.D

Acq: 24 May 2017 16:19

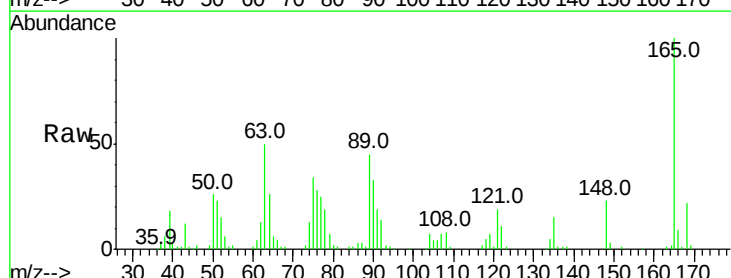
Tgt Ion:165 Resp: 92628

Ion Ratio Lower Upper

165 100

63 49.6 34.3 51.5

89 45.0 37.1 55.7

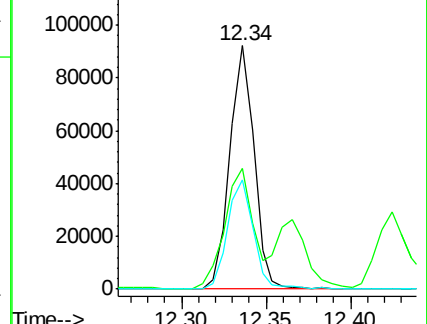
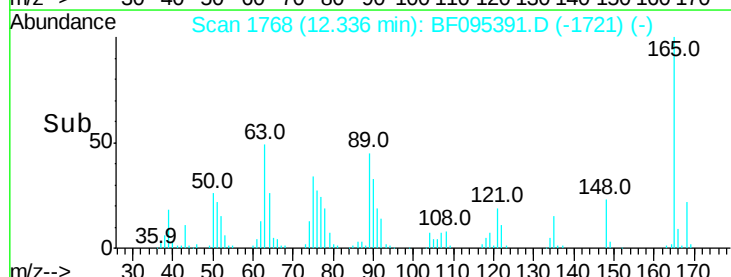


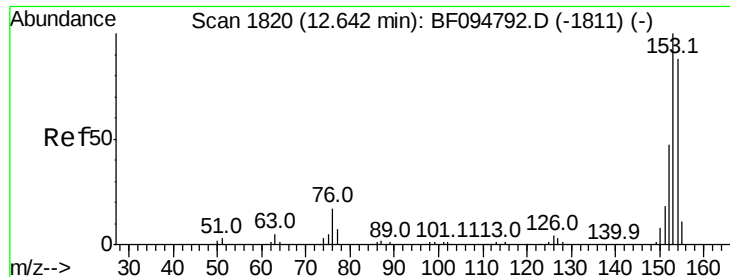
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

12.34

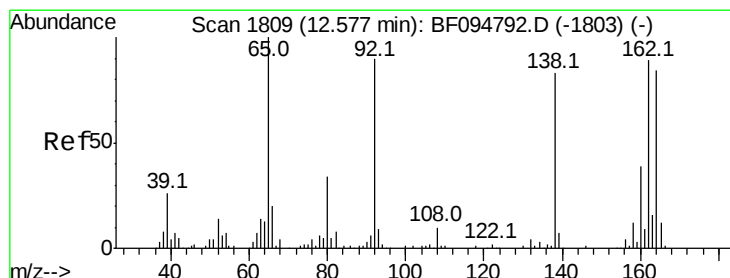
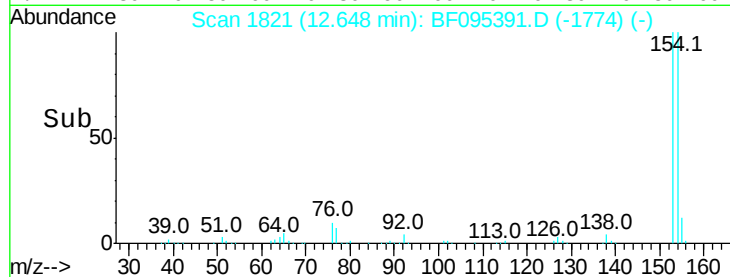
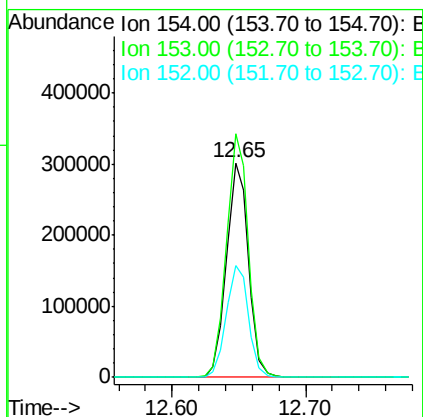
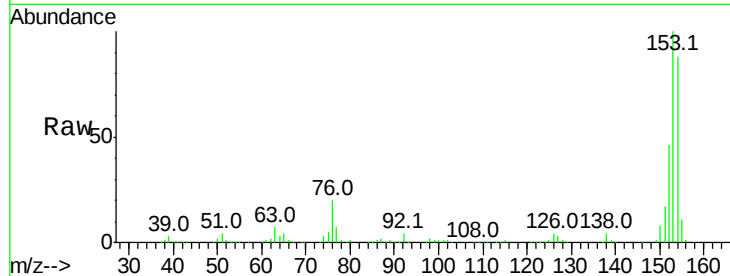




#51
Acenaphthene
Concen: 30.36 ng
RT: 12.65 min Scan# 1821
Delta R.T. -0.02 min
Lab File: BF095391.D
Acq: 24 May 2017 16:19

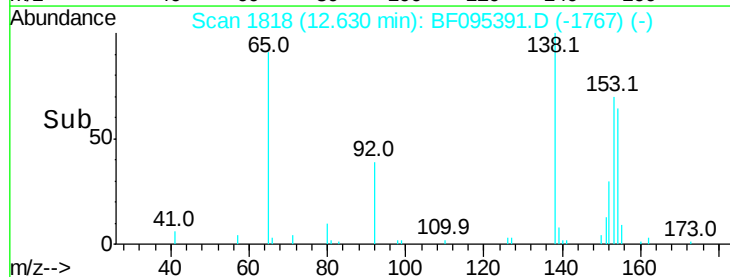
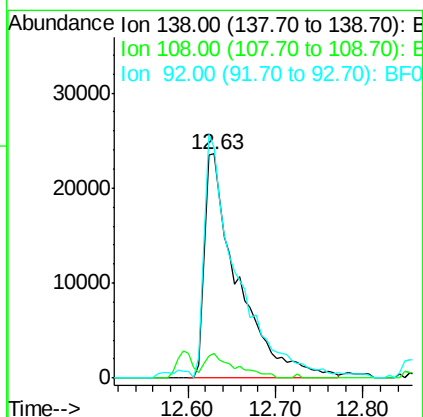
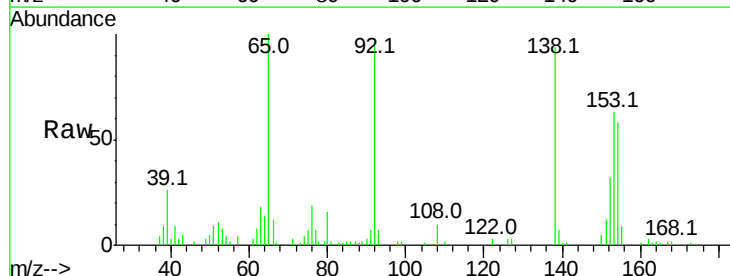
Instrument :
BNA_F
ClientSampleId :

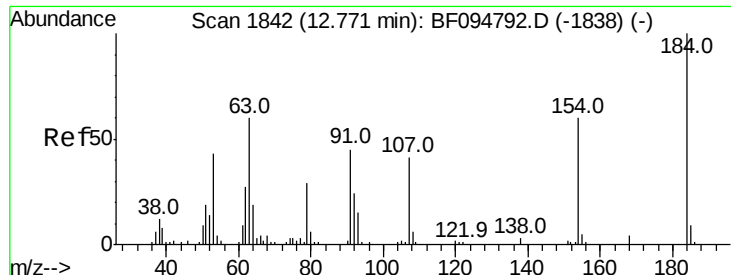
Tot Ion:154 Resp: 351254
Ion Ratio Lower Upper
154 100
153 113.5 90.5 135.7
152 52.3 43.6 65.4



#52
3-Nitroaniline
Concen: 19.03 ng
RT: 12.63 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BF095391.D
Acq: 24 May 2017 16:19

Tgt Ion:138 Resp: 62226
Ion Ratio Lower Upper
138 100
108 11.0 9.1 13.7
92 103.3 93.8 140.6

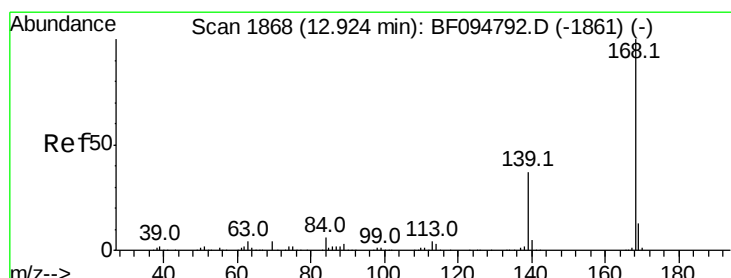
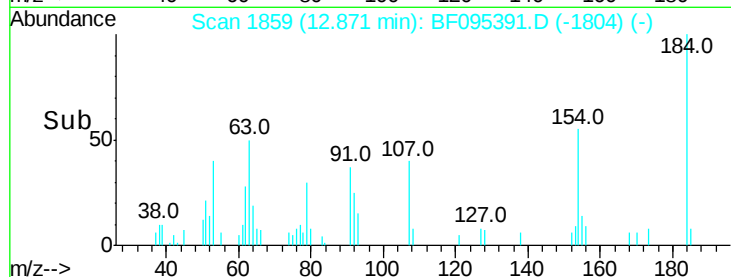
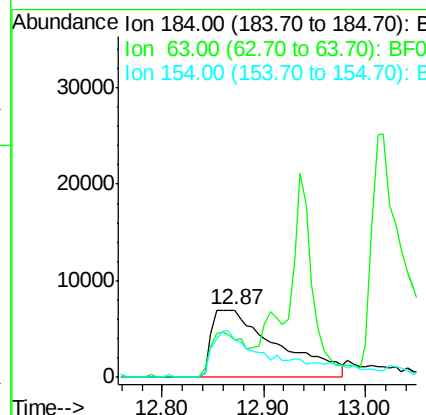
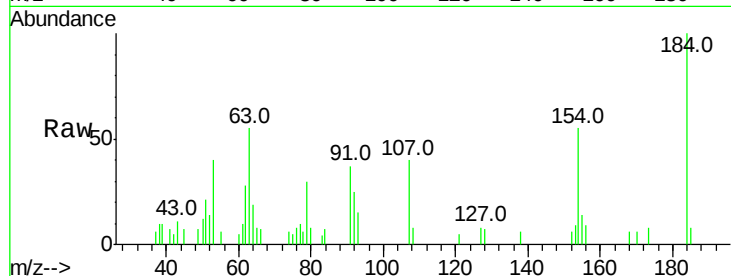




#53
 2,4-Dinitrophenol
 Concen: 23.53 ng
 RT: 12.87 min Scan# 1859
 Delta R.T. 0.02 min
 Lab File: BF095391.D
 Acq: 24 May 2017 16:19

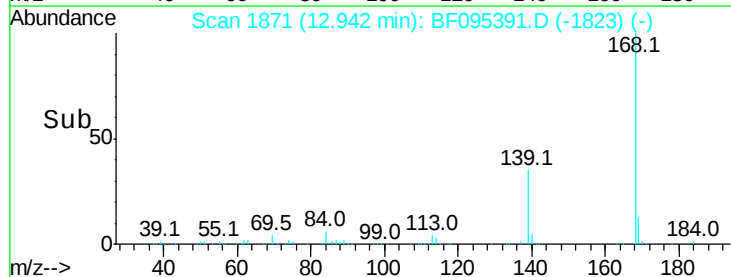
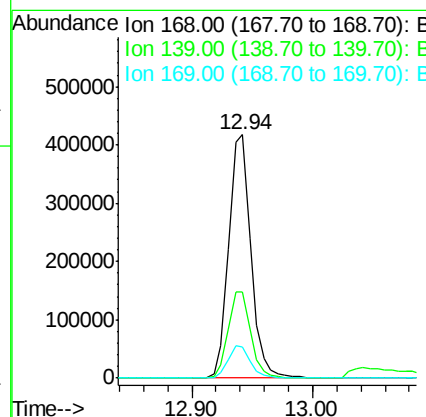
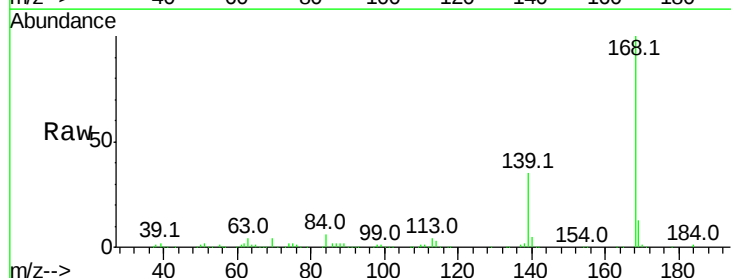
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 31452
 Ion Ratio Lower Upper
 184 100
 63 55.5 62.7 94.1#
 154 55.1 81.1 121.7#



#54
 Dibenzofuran
 Concen: 33.26 ng
 RT: 12.94 min Scan# 1871
 Delta R.T. -0.02 min
 Lab File: BF095391.D
 Acq: 24 May 2017 16:19

Tgt Ion:168 Resp: 532495
 Ion Ratio Lower Upper
 168 100
 139 35.4 30.6 45.8
 169 12.6 10.8 16.2

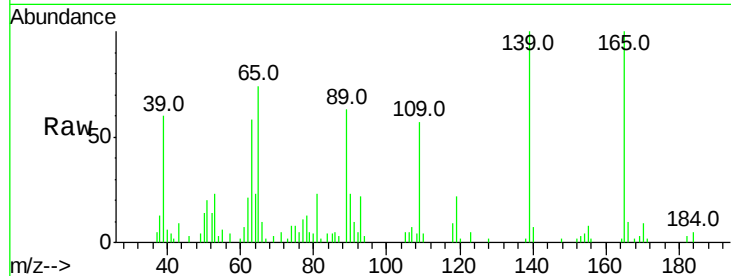




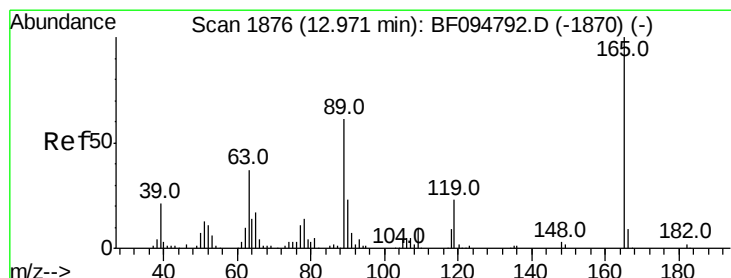
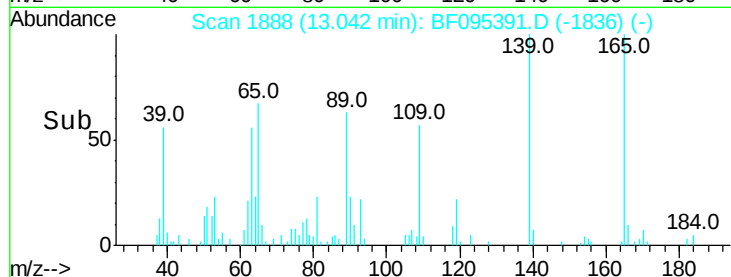
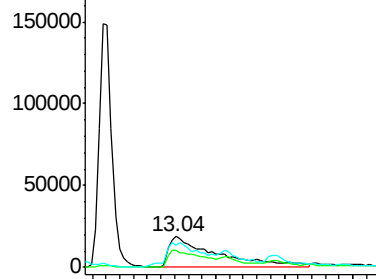
#55
4-Nitrophenol
Concen: 47.50 ng
RT: 13.04 min Scan# 1888
Delta R.T. 0.01 min
Lab File: BF095391.D
Acq: 24 May 2017 16:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 93290
Ion Ratio Lower Upper
139 100
109 57.0 34.1 74.1
65 73.6 31.4 71.4#

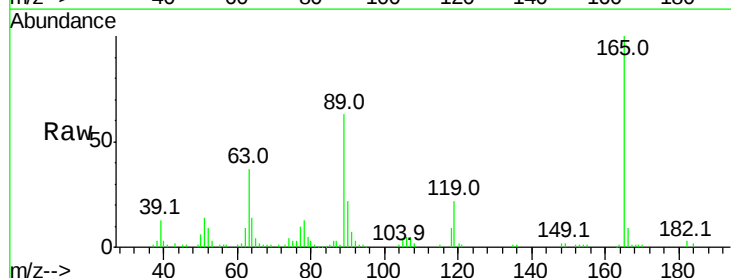


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

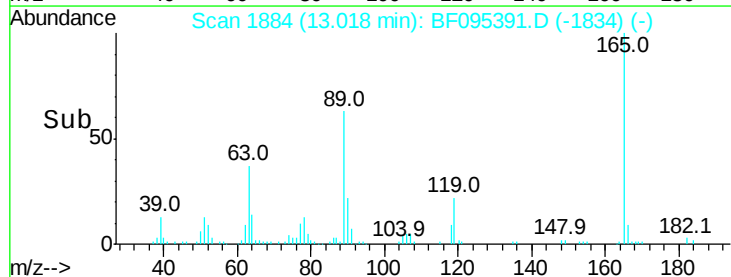
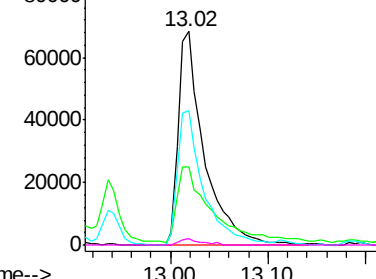


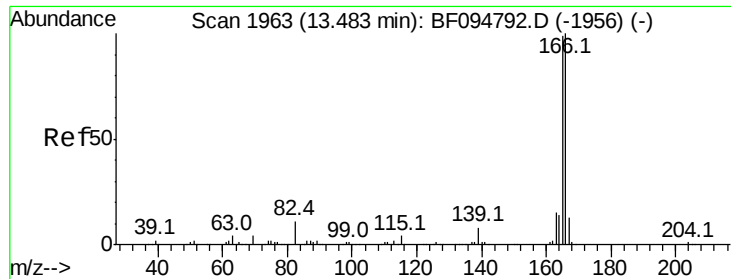
#56
2,4-Dinitrotoluene
Concen: 32.16 ng
RT: 13.02 min Scan# 1884
Delta R.T. -0.01 min
Lab File: BF095391.D
Acq: 24 May 2017 16:19

Tgt Ion:165 Resp: 125880
Ion Ratio Lower Upper
165 100
63 36.9 25.4 38.0
89 62.9 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

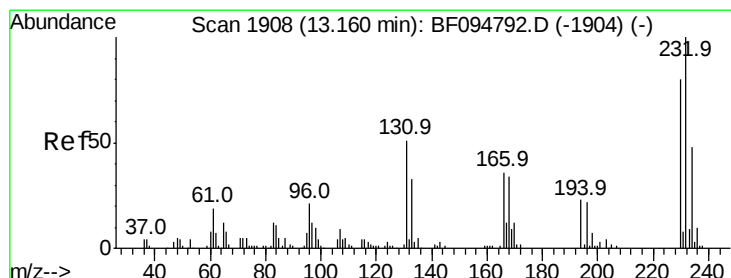
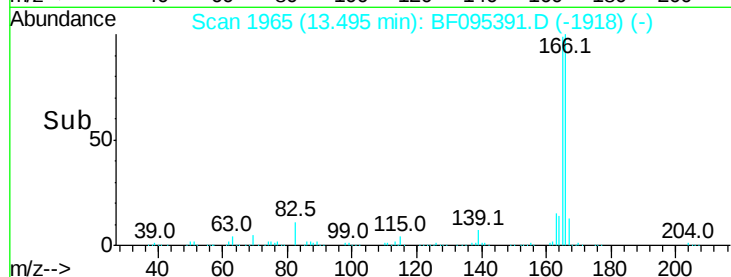
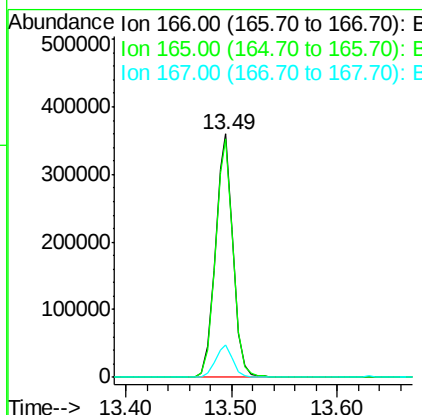
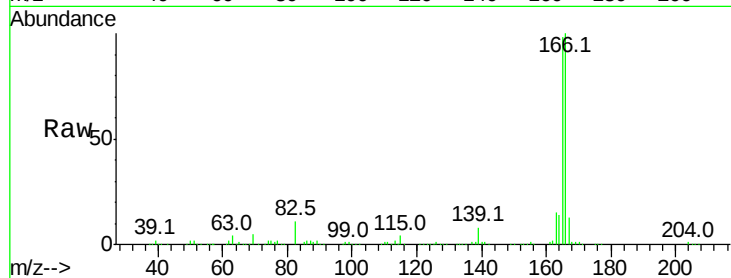




#57
 Fluorene
 Concen: 30.24 ng
 RT: 13.49 min Scan# 1965
 Delta R.T. -0.02 min
 Lab File: BF095391.D
 Acq: 24 May 2017 16:19

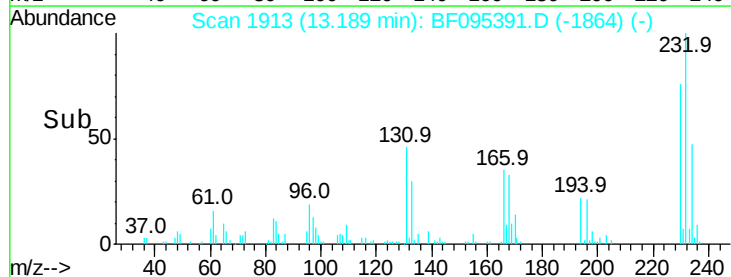
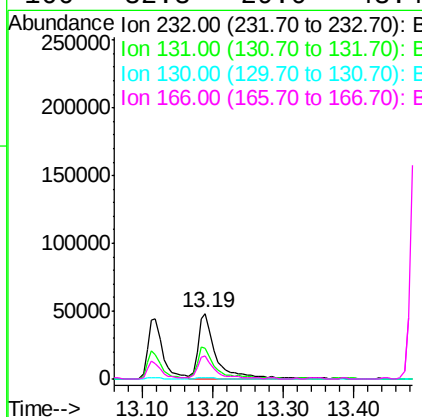
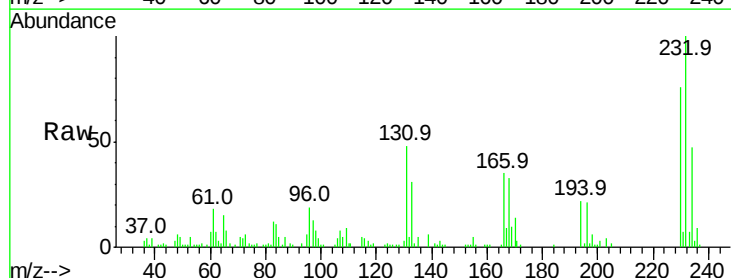
Instrument :
 BNA_F
 ClientSampled :

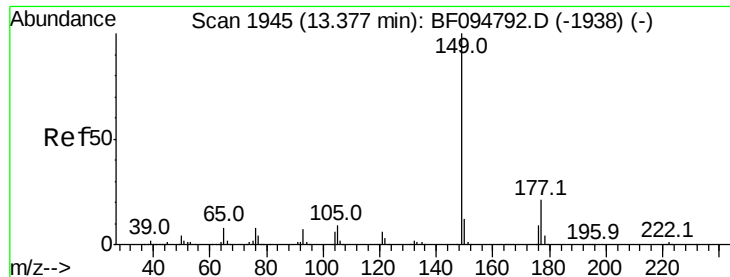
Tot Ion:166 Resp: 420919
 Ion Ratio Lower Upper
 166 100
 165 97.9 78.8 118.2
 167 13.5 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 33.37 ng
 RT: 13.19 min Scan# 1913
 Delta R.T. -0.01 min
 Lab File: BF095391.D
 Acq: 24 May 2017 16:19

Tgt Ion:232 Resp: 84312
 Ion Ratio Lower Upper
 232 100
 131 48.4 44.8 67.2
 130 2.2 2.3 3.5#
 166 32.3 29.0 43.4

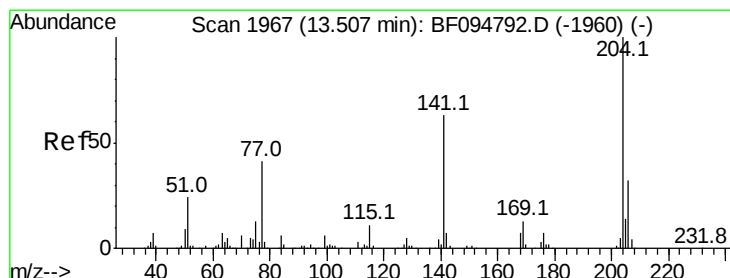
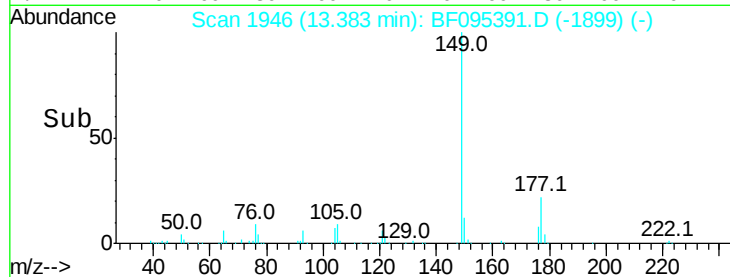
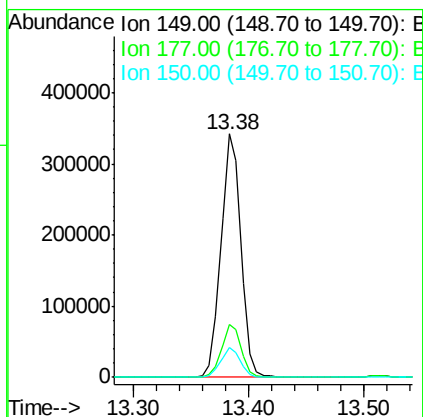
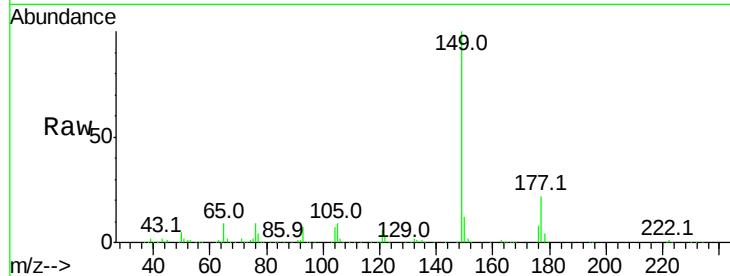




#59
Diethylphthalate
Concen: 28.53 ng
RT: 13.38 min Scan# 1946
Delta R.T. -0.02 min
Lab File: BF095391.D
Acq: 24 May 2017 16:19

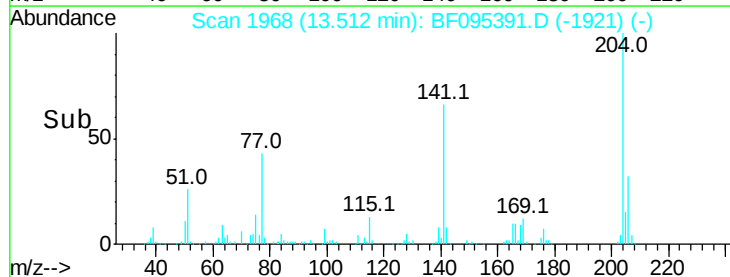
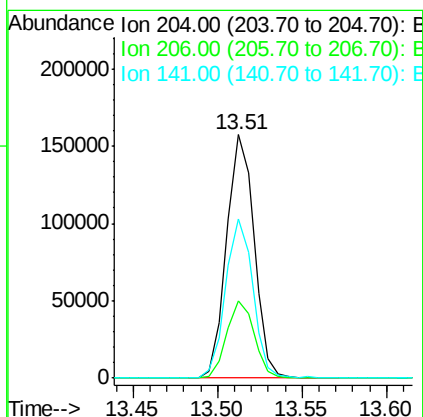
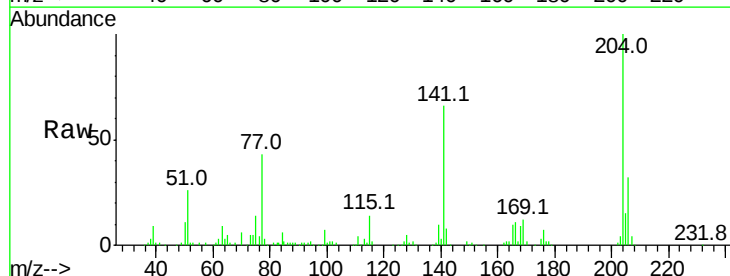
Instrument :
BNA_F
ClientSampleId :

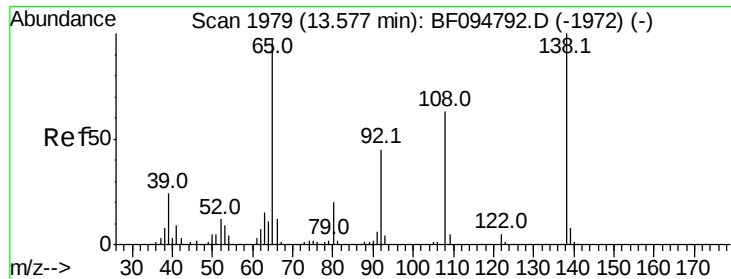
Tot Ion:149 Resp: 408289
Ion Ratio Lower Upper
149 100
177 21.8 16.7 25.1
150 12.4 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 29.31 ng
RT: 13.51 min Scan# 1968
Delta R.T. -0.02 min
Lab File: BF095391.D
Acq: 24 May 2017 16:19

Tgt Ion:204 Resp: 179293
Ion Ratio Lower Upper
204 100
206 31.6 26.2 39.2
141 65.5 60.8 91.2

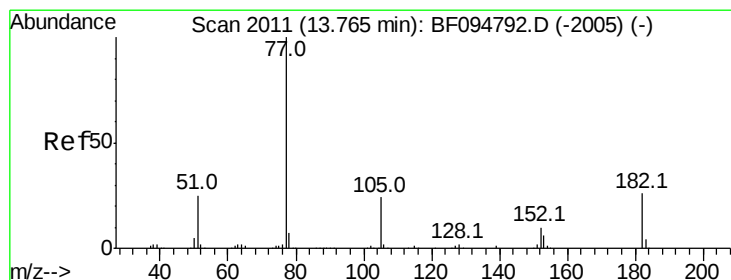
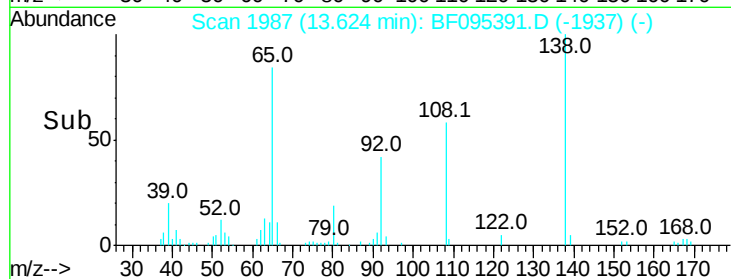
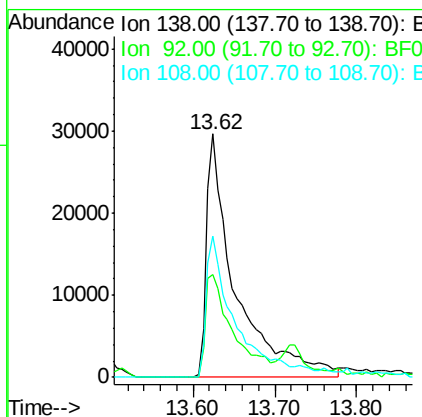
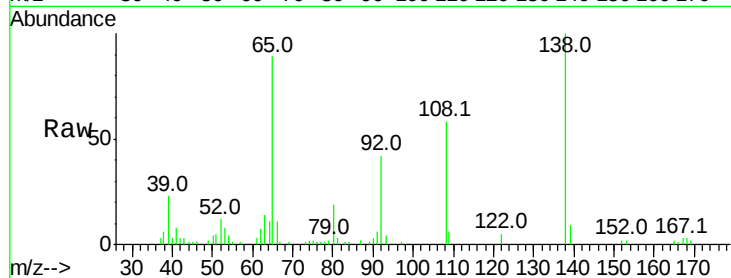




#61
 4-Nitroaniline
 Concen: 24.47 ng
 RT: 13.62 min Scan# 1987
 Delta R.T. -0.01 min
 Lab File: BF095391.D
 Acq: 24 May 2017 16:19

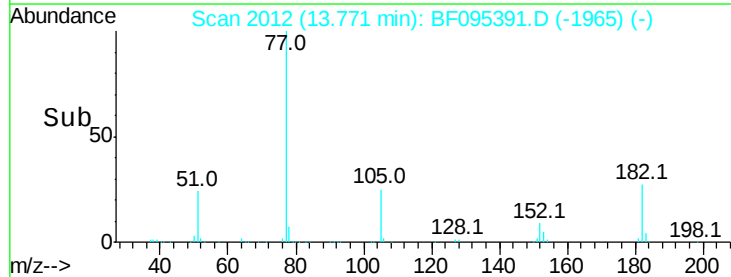
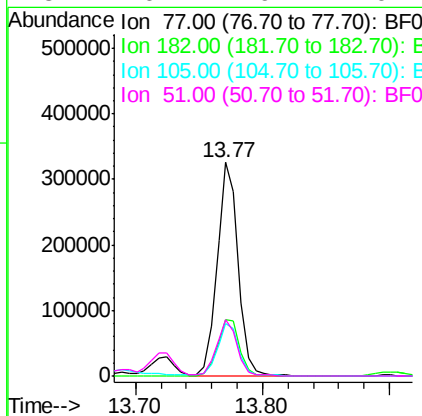
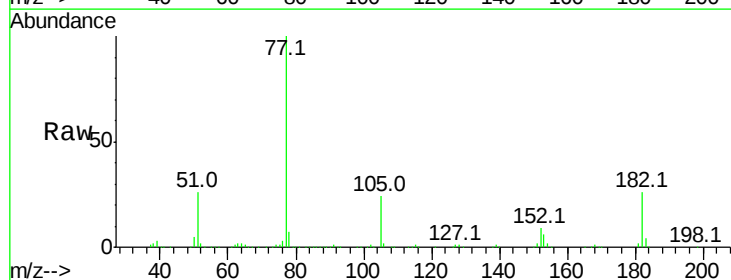
Instrument :
 BNA_F
 ClientSampleId :

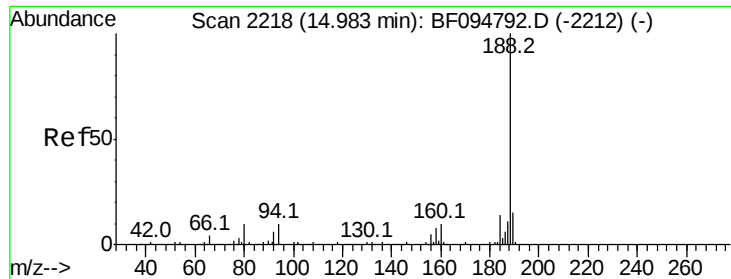
Tot Ion:138 Resp: 73450
 Ion Ratio Lower Upper
 138 100
 92 42.0 21.8 61.8
 108 58.3 42.3 82.3



#62
 Azobenzene
 Concen: 32.58 ng
 RT: 13.77 min Scan# 2012
 Delta R.T. -0.02 min
 Lab File: BF095391.D
 Acq: 24 May 2017 16:19

Tgt Ion: 77 Resp: 374699
 Ion Ratio Lower Upper
 77 100
 182 26.2 0.1 40.1
 105 24.5 3.6 43.6
 51 26.4 9.4 49.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 15.00 min Scan# 2221

Delta R.T. -0.02 min

Lab File: BF095391.D

Acq: 24 May 2017 16:19

Instrument :

BNA_F

ClientSampleId :

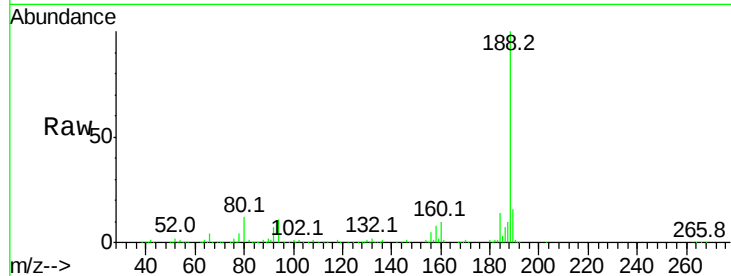
Tot Ion:188 Resp: 313412

Ion Ratio Lower Upper

188 100

94 11.0 9.4 14.2

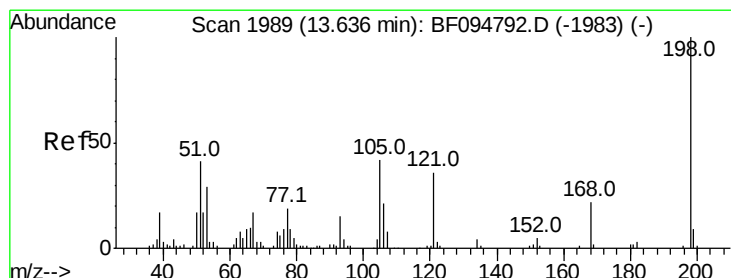
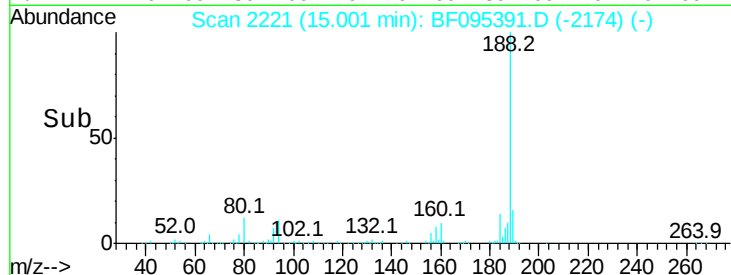
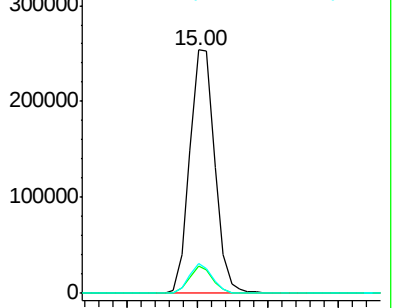
80 12.1 10.2 15.2



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: 21.29 ng

RT: 13.69 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF095391.D

Acq: 24 May 2017 16:19

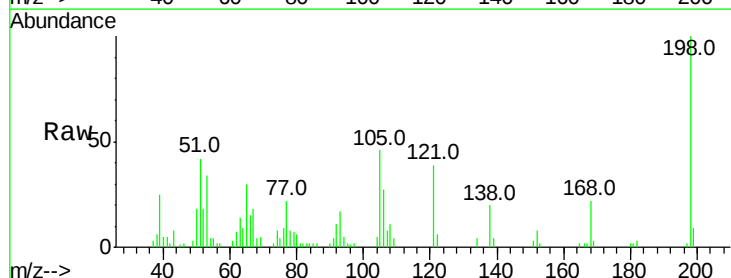
Tgt Ion:198 Resp: 44726

Ion Ratio Lower Upper

198 100

51 41.6 53.2 93.2#

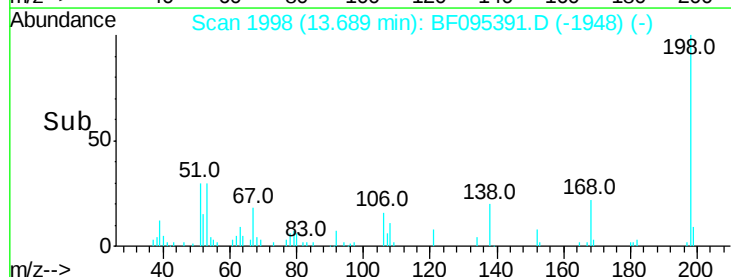
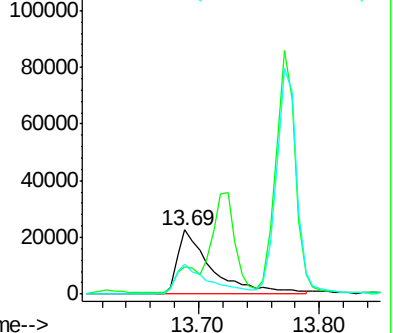
105 45.7 45.8 85.8#

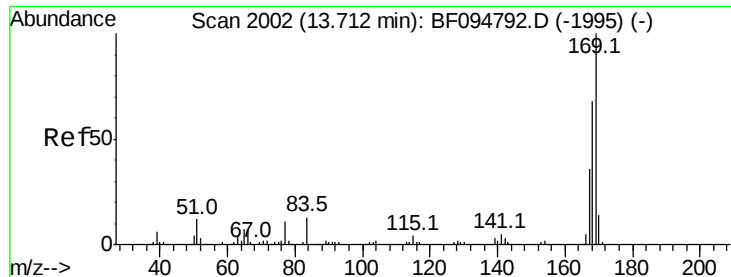


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 30.72 ng

RT: 13.72 min Scan# 2004

Delta R.T. -0.02 min

Lab File: BF095391.D

Acq: 24 May 2017 16:19

Instrument :

BNA_F

ClientSampleId :

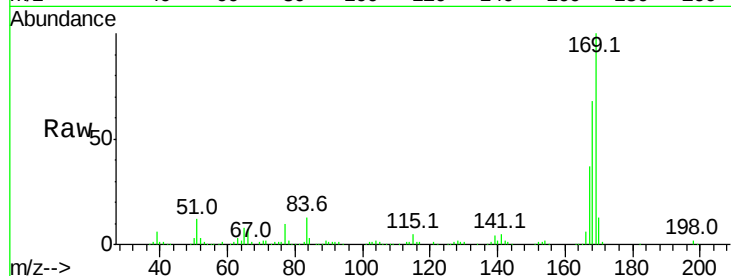
Tot Ion:169 Resp: 349428

Ion Ratio Lower Upper

169 100

168 68.1 53.2 79.8

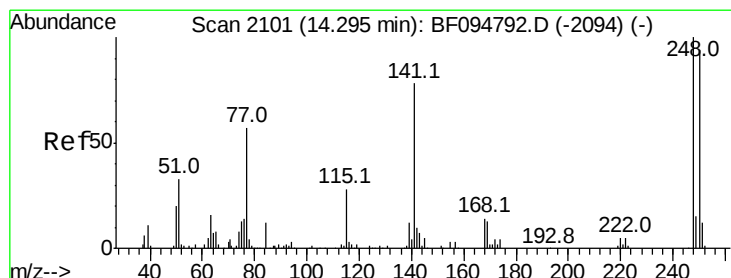
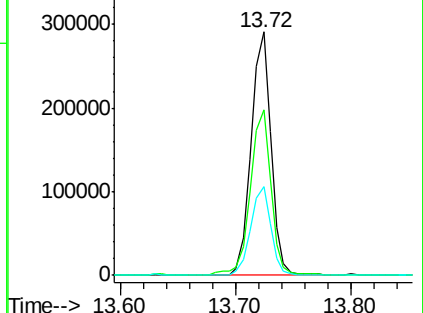
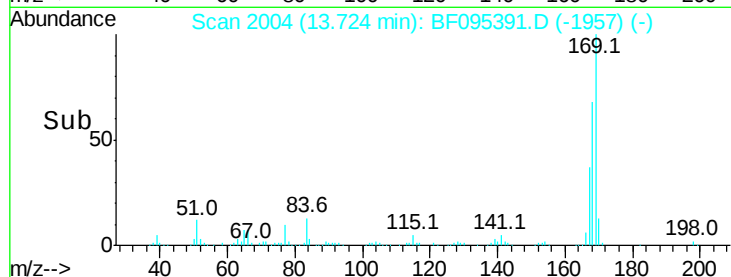
167 36.5 29.5 44.3



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: 29.77 ng

RT: 14.30 min Scan# 2102

Delta R.T. -0.02 min

Lab File: BF095391.D

Acq: 24 May 2017 16:19

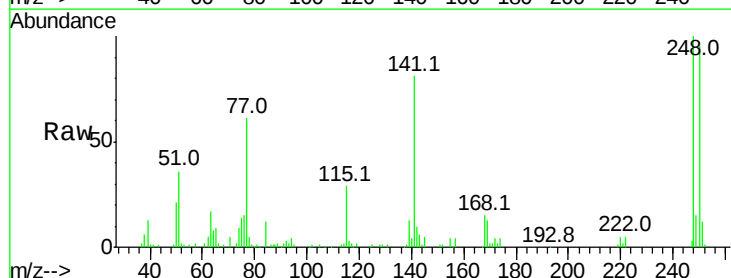
Tgt Ion:248 Resp: 98562

Ion Ratio Lower Upper

248 100

250 95.4 76.8 115.2

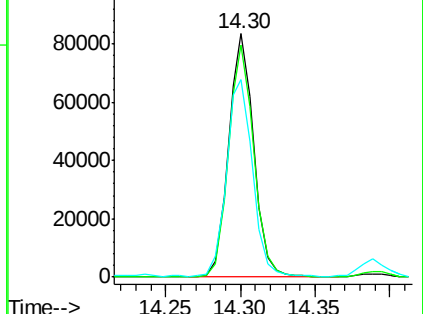
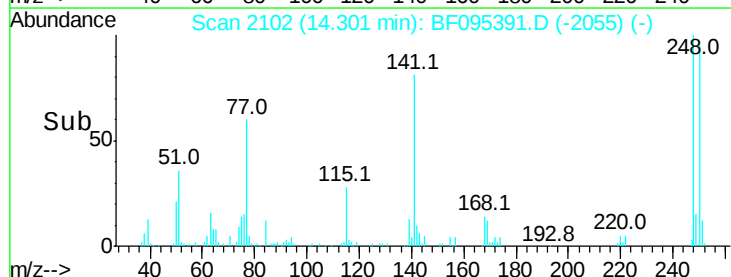
141 81.2 68.6 103.0



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: 27.98 ng

RT: 14.39 min Scan# 2117

Delta R.T. -0.02 min

Lab File: BF095391.D

Acq: 24 May 2017 16:19

Instrument :

BNA_F

ClientSampled :

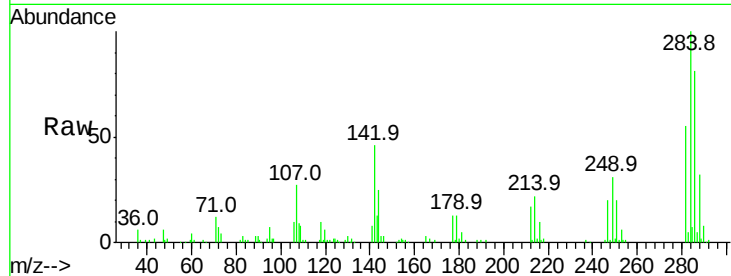
Tot Ion:284 Resp: 94953

Ion Ratio Lower Upper

284 100

142 45.7 22.8 34.2#

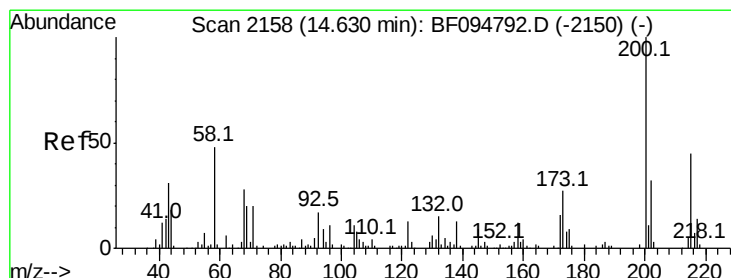
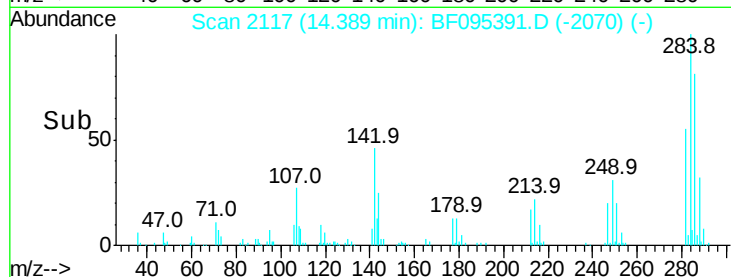
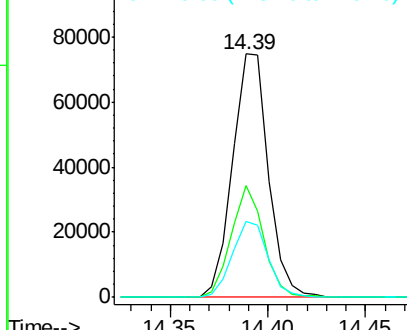
249 31.3 24.0 36.0



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: 33.07 ng

RT: 14.64 min Scan# 2160

Delta R.T. -0.02 min

Lab File: BF095391.D

Acq: 24 May 2017 16:19

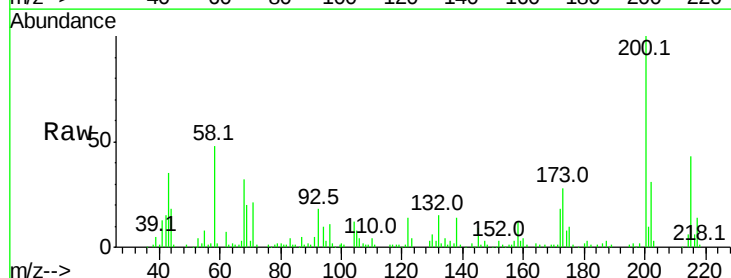
Tgt Ion:200 Resp: 106219

Ion Ratio Lower Upper

200 100

173 28.3 6.3 46.3

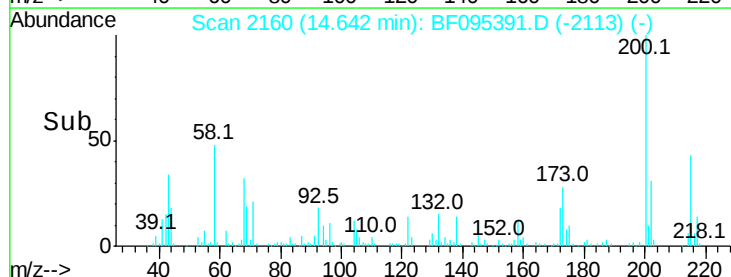
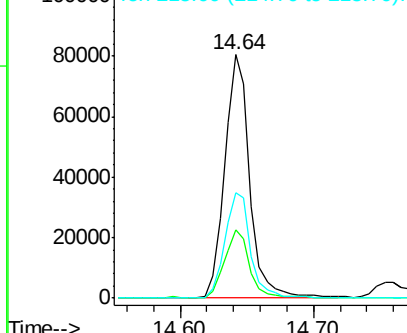
215 43.4 27.2 67.2

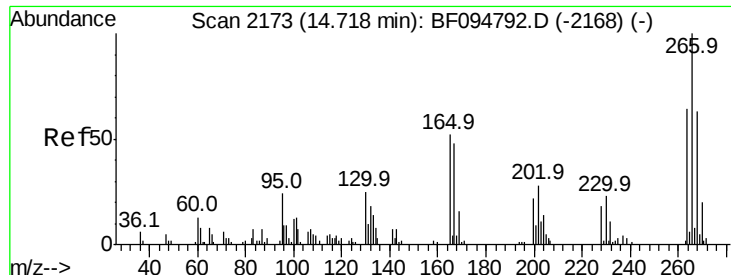


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

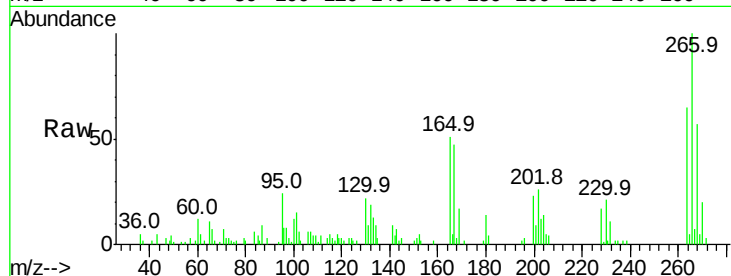




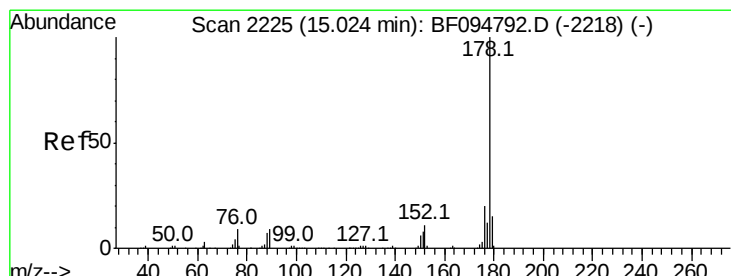
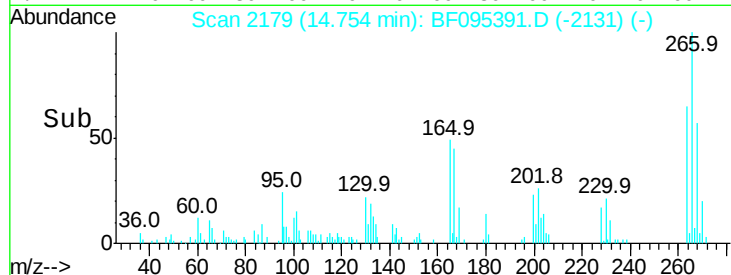
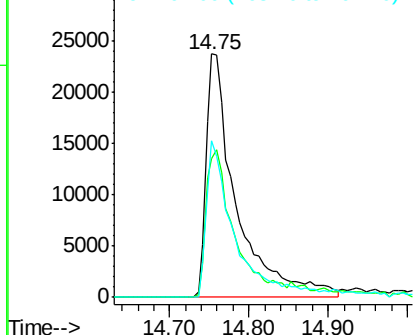
#69
 Pentachlorophenol
 Concen: 43.82 ng
 RT: 14.75 min Scan# 2179
 Delta R.T. -0.02 min
 Lab File: BF095391.D
 Acq: 24 May 2017 16:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 62850
 Ion Ratio Lower Upper
 266 100
 268 56.8 51.1 76.7
 264 64.6 51.7 77.5

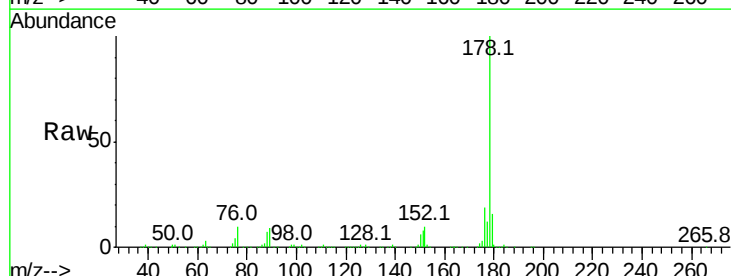


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

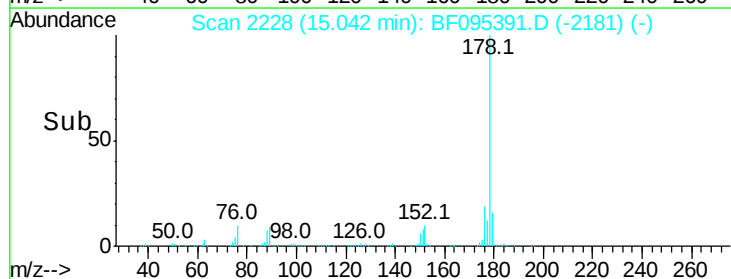
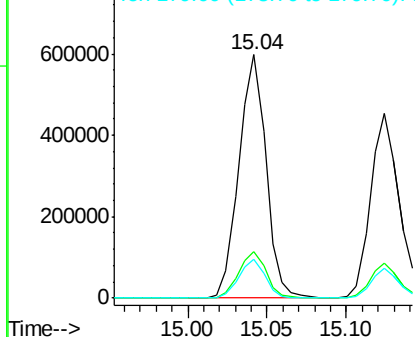


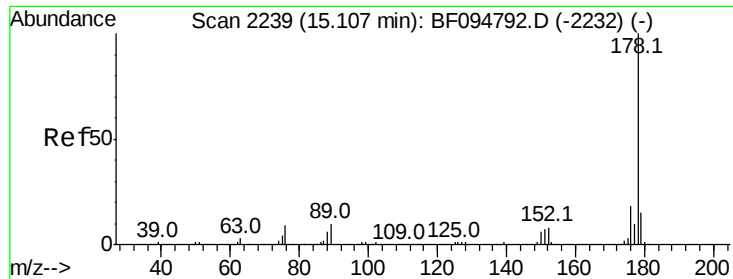
#70
 Phenanthrene
 Concen: 39.53 ng
 RT: 15.04 min Scan# 2228
 Delta R.T. -0.02 min
 Lab File: BF095391.D
 Acq: 24 May 2017 16:19

Tgt Ion:178 Resp: 711810
 Ion Ratio Lower Upper
 178 100
 176 19.0 16.2 24.4
 179 15.7 12.6 19.0



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

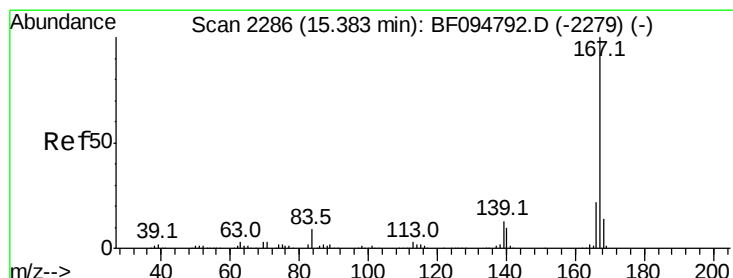
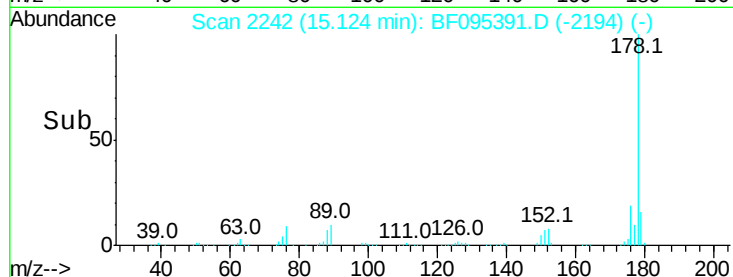
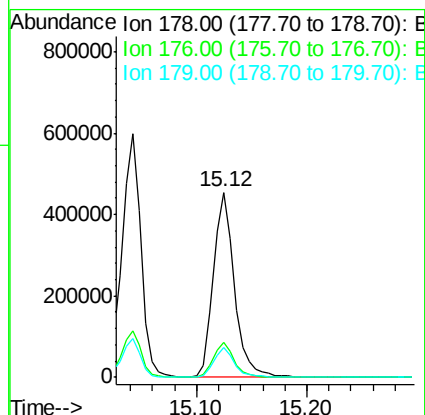
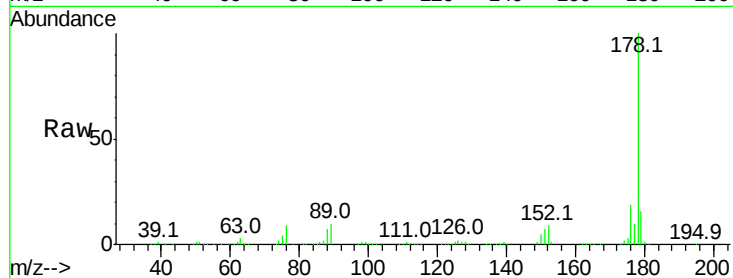




#71
 Anthracene
 Concen: 32.25 ng
 RT: 15.12 min Scan# 2242
 Delta R.T. -0.02 min
 Lab File: BF095391.D
 Acq: 24 May 2017 16:19

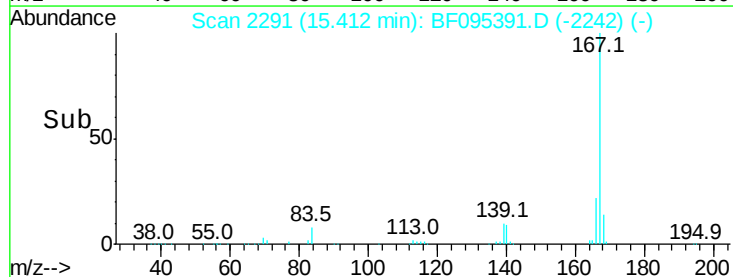
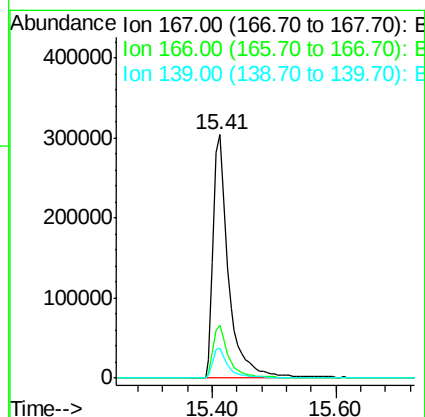
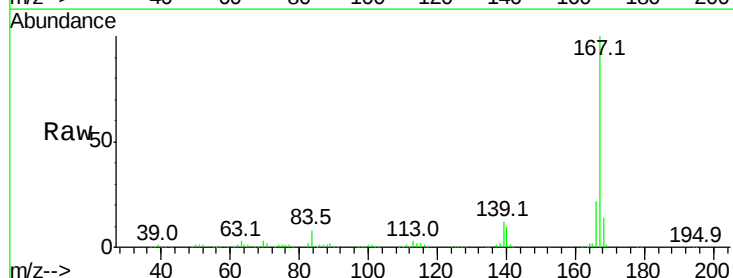
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 593151
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.8 23.8
 179 16.1 12.7 19.1



#72
 Carbazole
 Concen: 31.09 ng
 RT: 15.41 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BF095391.D
 Acq: 24 May 2017 16:19

Tgt Ion:167 Resp: 520350
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.1 27.1
 139 12.1 11.7 17.5

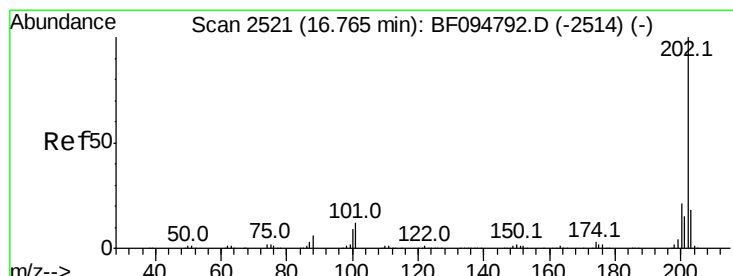
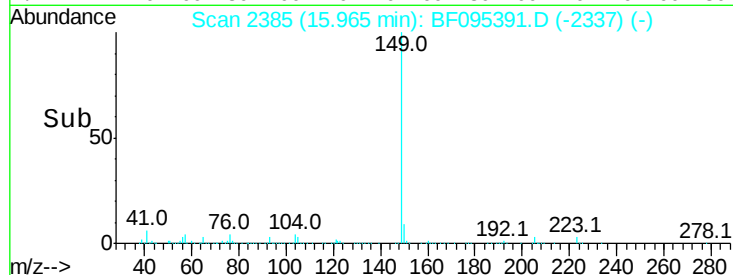
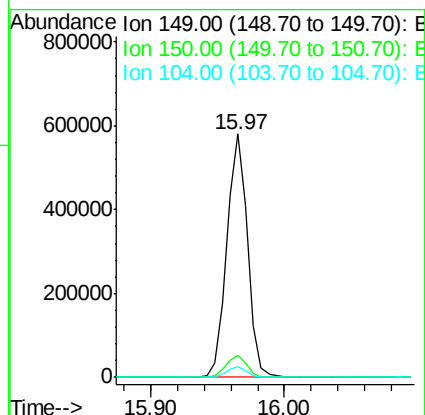
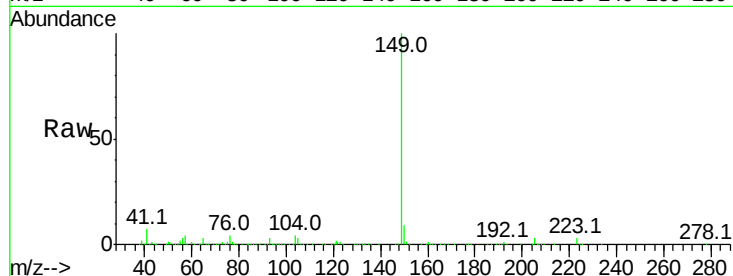




#73
Di-n-butylphthalate
Concen: 30.57 ng
RT: 15.97 min Scan# 2385
Delta R.T. -0.02 min
Lab File: BF095391.D
Acq: 24 May 2017 16:19

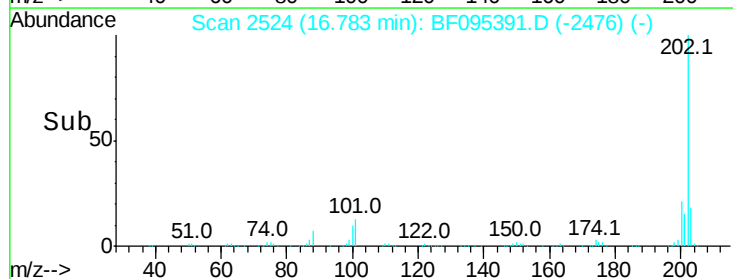
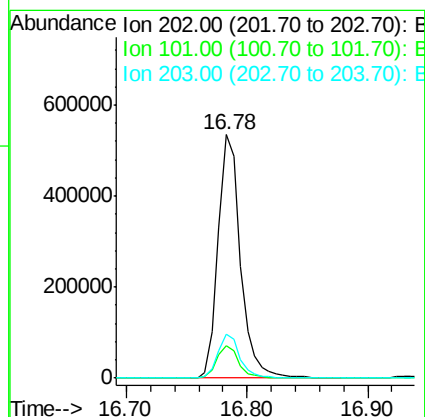
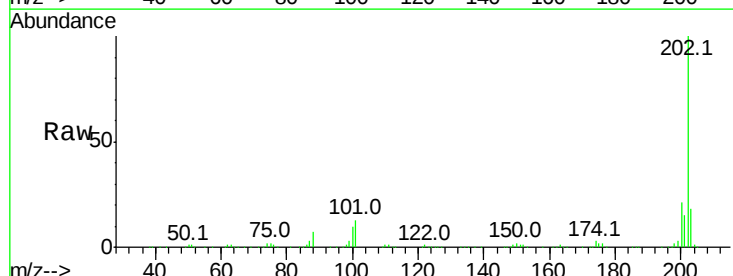
Instrument :
BNA_F
ClientSampleId :

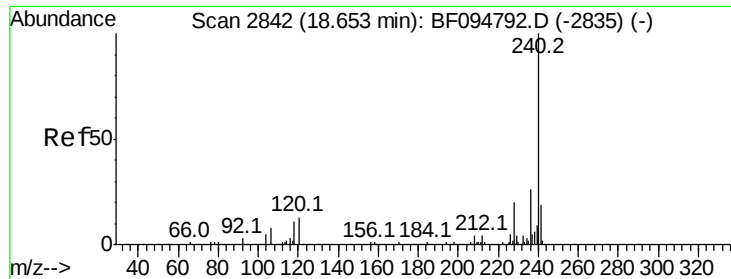
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.7	11.5
104	4.3	4.0	6.0



#74
Fluoranthene
Concen: 37.05 ng
RT: 16.78 min Scan# 2524
Delta R.T. -0.02 min
Lab File: BF095391.D
Acq: 24 May 2017 16:19

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	33.2
203	18.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.68 min Scan# 2846

Delta R.T. -0.02 min

Lab File: BF095391.D

Acq: 24 May 2017 16:19

Instrument :

BNA_F

ClientSampleId :

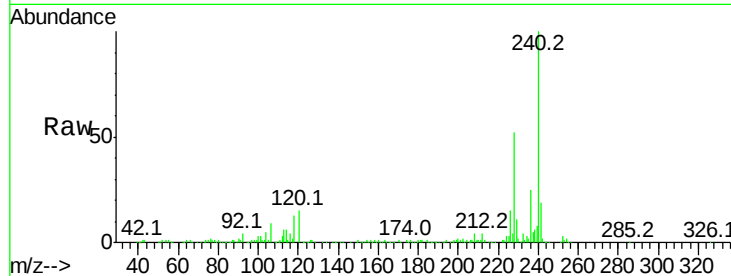
Tot Ion:240 Resp: 190543

Ion Ratio Lower Upper

240 100

120 14.7 5.8 8.8#

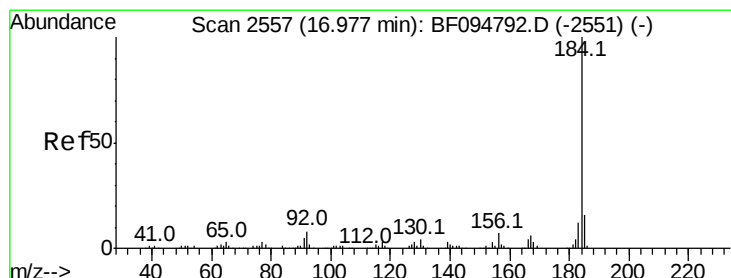
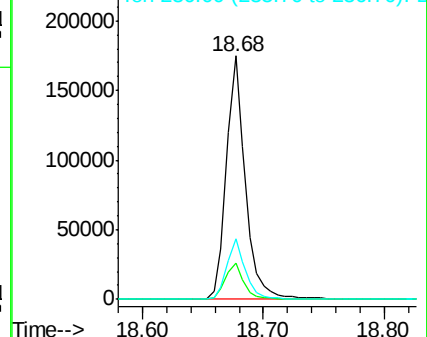
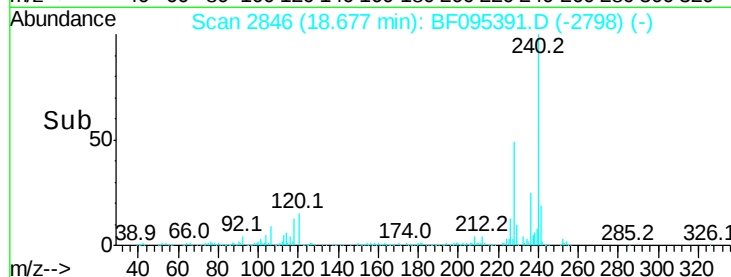
236 24.8 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 16.40 ng

RT: 17.02 min Scan# 2565

Delta R.T. 0.01 min

Lab File: BF095391.D

Acq: 24 May 2017 16:19

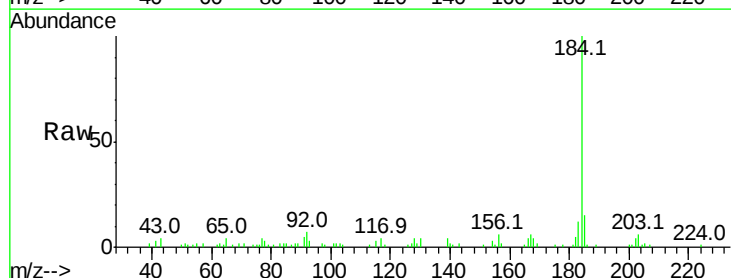
Tgt Ion:184 Resp: 58588

Ion Ratio Lower Upper

184 100

185 15.3 15.5 23.3#

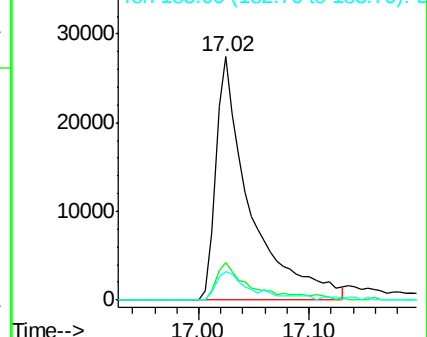
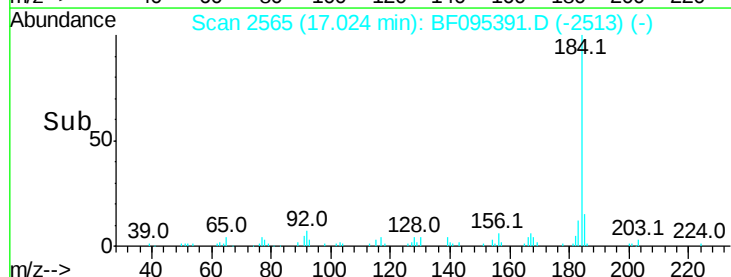
183 11.9 9.8 14.6

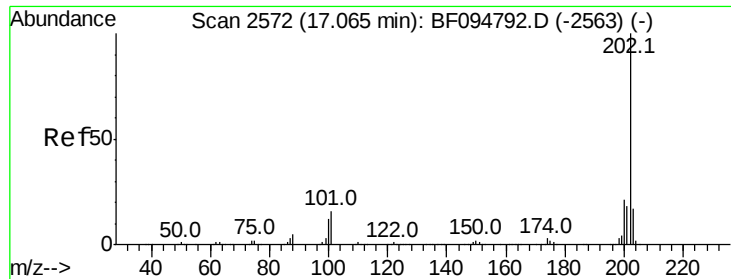


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 45.57 ng

RT: 17.09 min Scan# 2576

Delta R.T. -0.02 min

Lab File: BF095391.D

Acq: 24 May 2017 16:19

Instrument :

BNA_F

ClientSampleId :

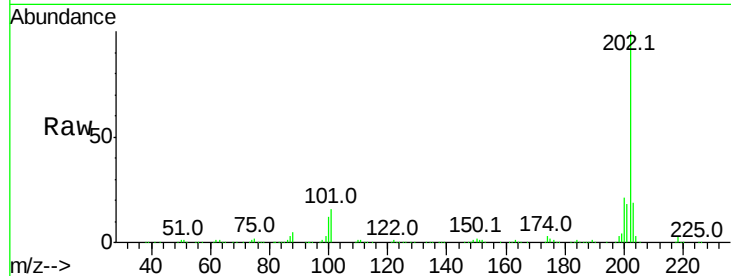
Tot Ion:202 Resp: 649347

Ion Ratio Lower Upper

202 100

200 21.3 17.6 26.4

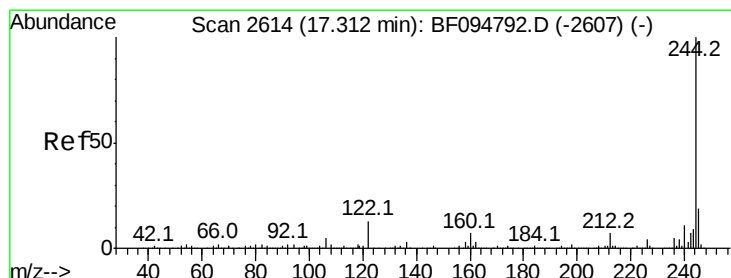
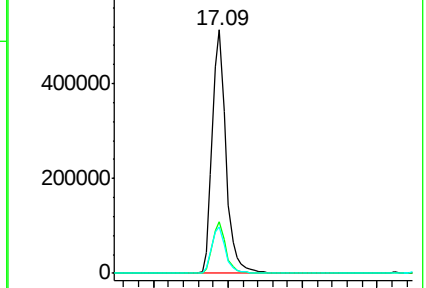
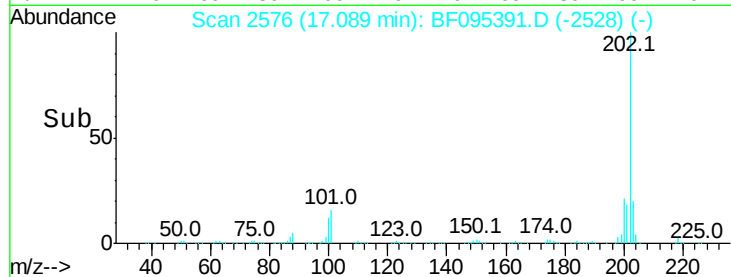
203 19.3 14.4 21.6



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: 67.39 ng

RT: 17.32 min Scan# 2616

Delta R.T. -0.02 min

Lab File: BF095391.D

Acq: 24 May 2017 16:19

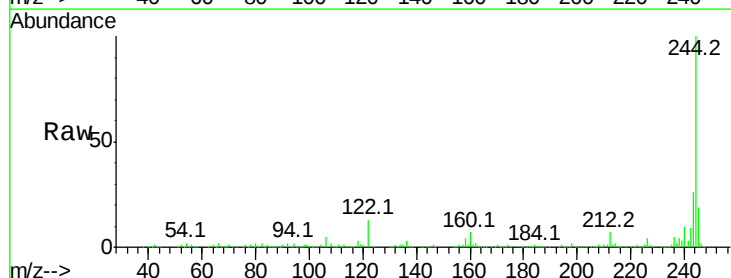
Tgt Ion:244 Resp: 582986

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

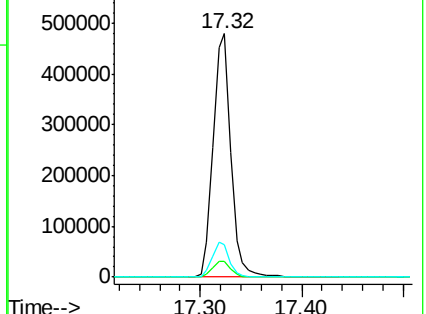
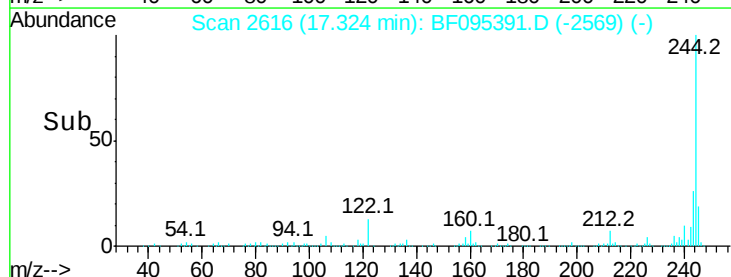
122 13.2 10.3 15.5



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

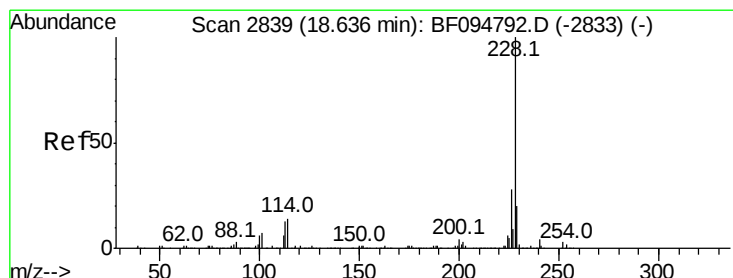
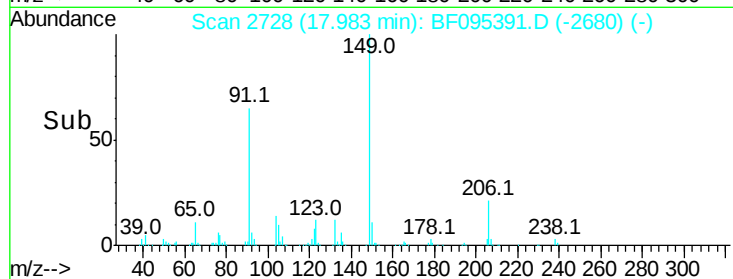
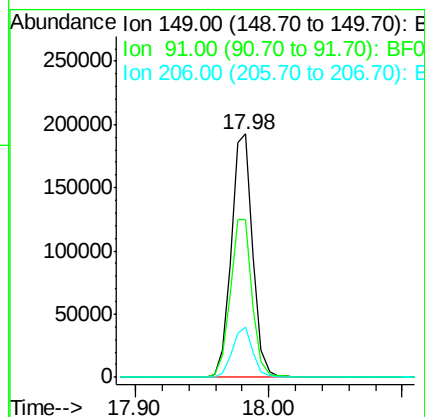
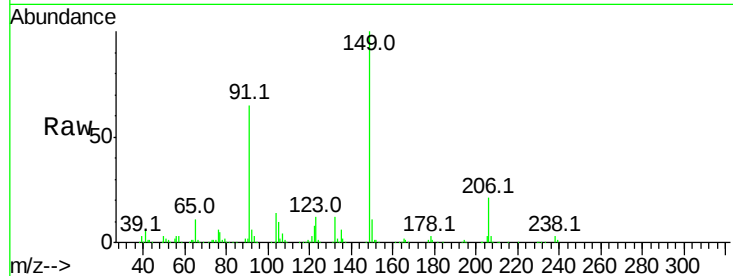




#79
Butylbenzylphthalate
Concen: 32.84 ng
RT: 17.98 min Scan# 2728
Delta R.T. -0.02 min
Lab File: BF095391.D
Acq: 24 May 2017 16:19

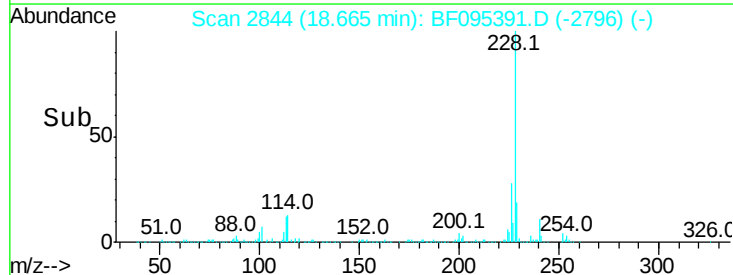
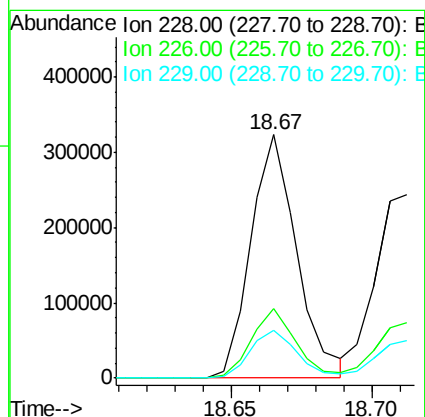
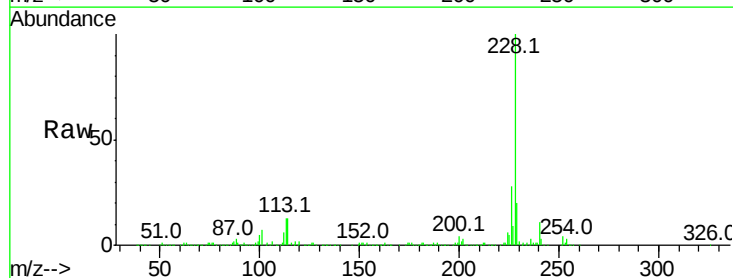
Instrument :
BNA_F
ClientSampleId :

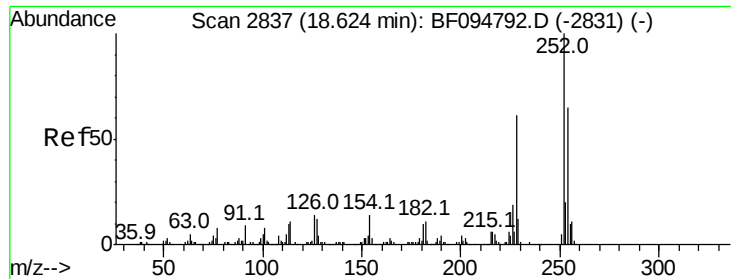
Tot Ion	Ratio	Lower	Upper
149	100		
91	64.7	45.0	67.4
206	20.5	17.0	25.6



#80
Benzo(a)anthracene
Concen: 32.96 ng
RT: 18.67 min Scan# 2844
Delta R.T. -0.02 min
Lab File: BF095391.D
Acq: 24 May 2017 16:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	33.8
229	19.6	16.3	24.5

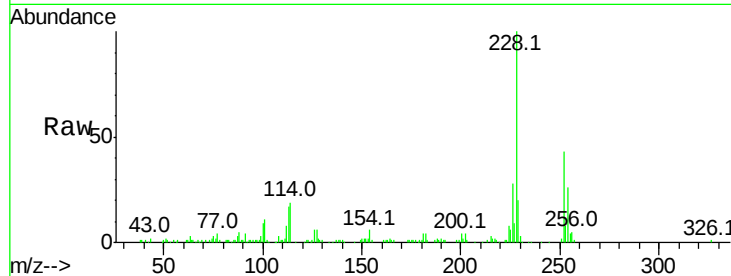




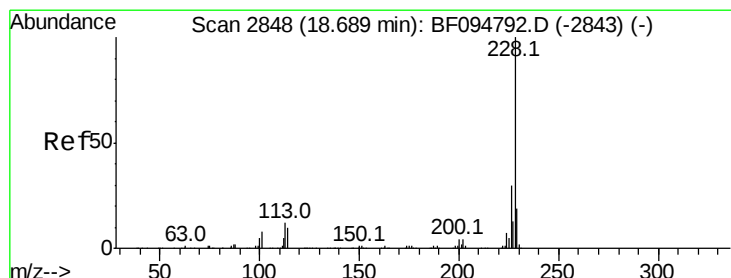
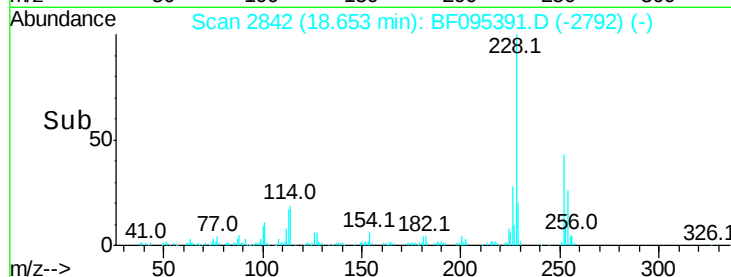
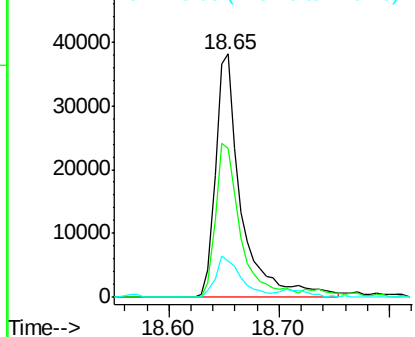
#81
 3,3'-Dichlorobenzidine
 Concen: 16.03 ng
 RT: 18.65 min Scan# 2842
 Delta R.T. -0.01 min
 Lab File: BF095391.D
 Acq: 24 May 2017 16:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 61413
 Ion Ratio Lower Upper
 252 100
 254 61.0 51.5 77.3
 126 15.1 15.8 23.8#

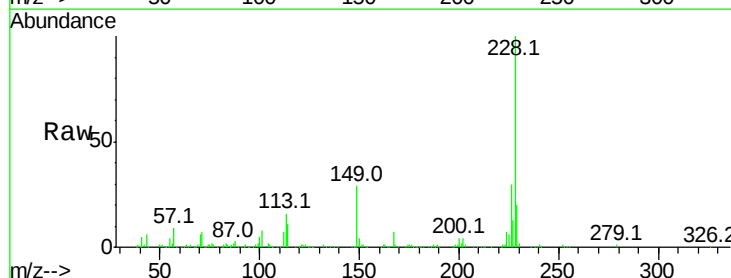


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

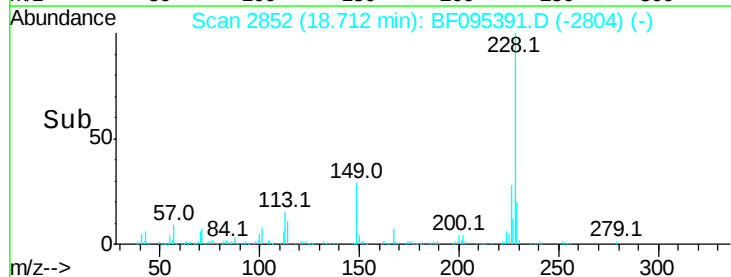
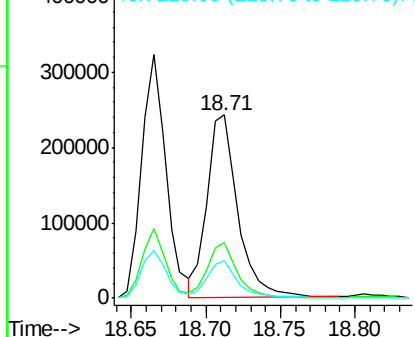


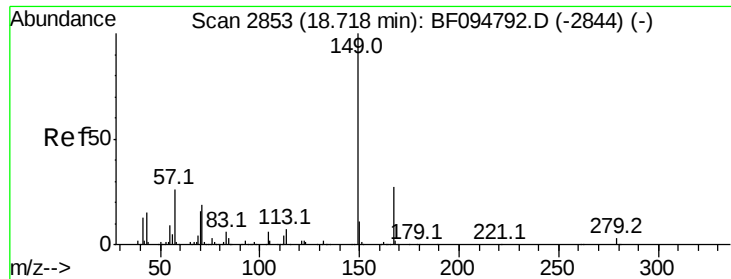
#82
 Chrysene
 Concen: 32.29 ng
 RT: 18.71 min Scan# 2852
 Delta R.T. -0.02 min
 Lab File: BF095391.D
 Acq: 24 May 2017 16:19

Tgt Ion:228 Resp: 346191
 Ion Ratio Lower Upper
 228 100
 226 30.0 24.9 37.3
 229 20.4 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

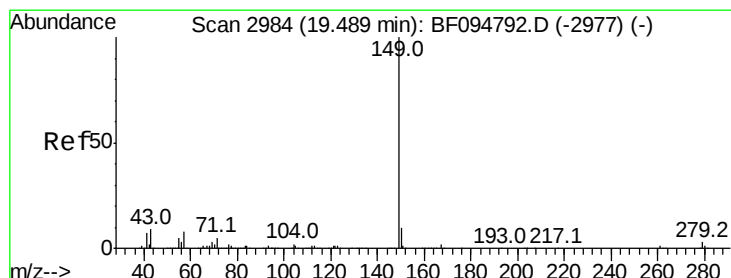
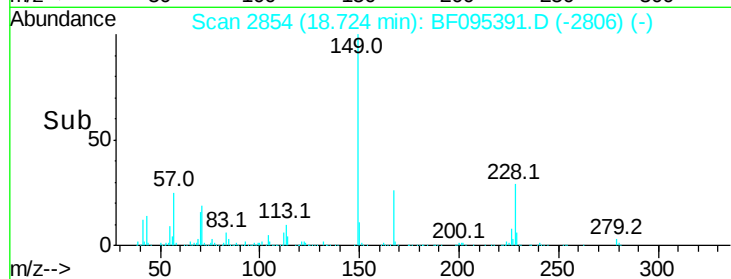
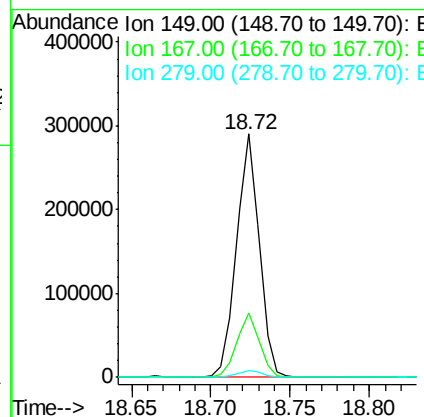
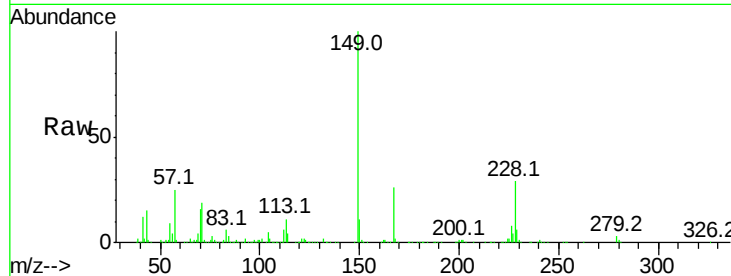




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 30.68 ng
 RT: 18.72 min Scan# 2854
 Delta R.T. -0.02 min
 Lab File: BF095391.D
 Acq: 24 May 2017 16:19

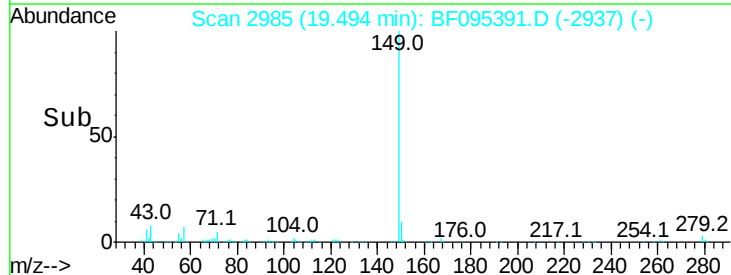
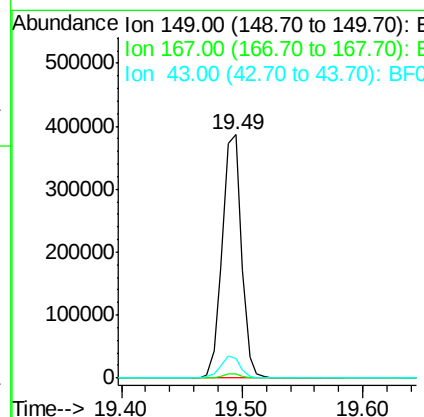
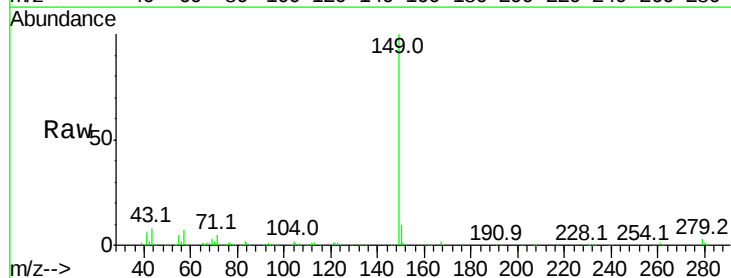
Instrument :
 BNA_F
 ClientSampleId :

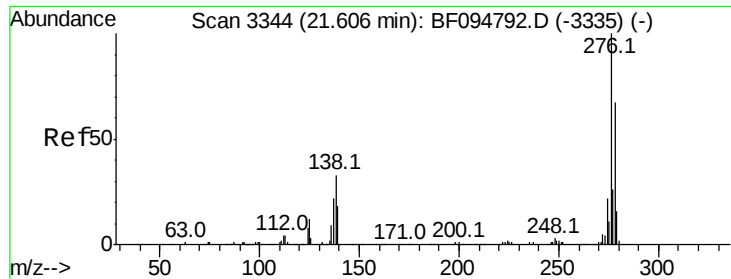
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.0	31.4
279	2.9	1.9	2.9#



#84
 Di-n-octyl phthalate
 Concen: 27.24 ng
 RT: 19.49 min Scan# 2985
 Delta R.T. -0.02 min
 Lab File: BF095391.D
 Acq: 24 May 2017 16:19

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.8	8.5	12.7

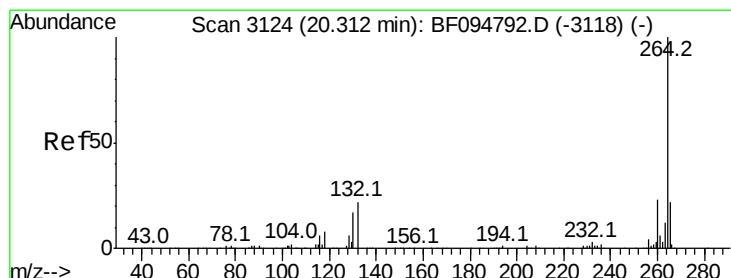
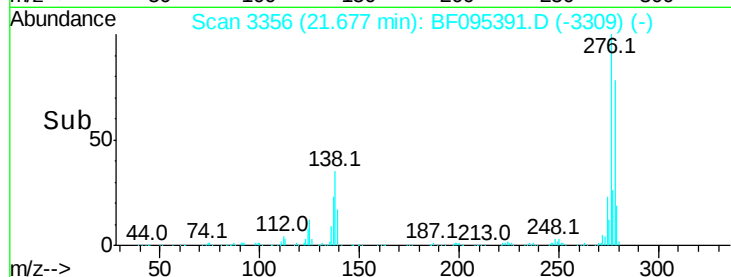
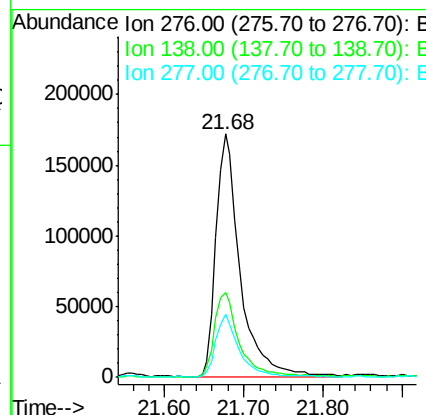
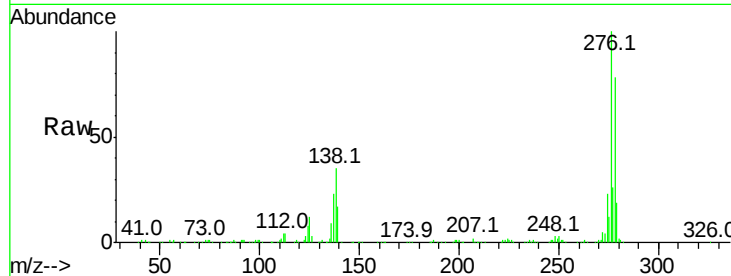




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.61 ng
 RT: 21.68 min Scan# 3356
 Delta R.T. -0.02 min
 Lab File: BF095391.D
 Acq: 24 May 2017 16:19

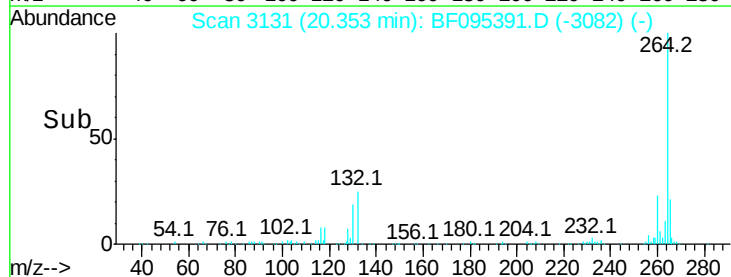
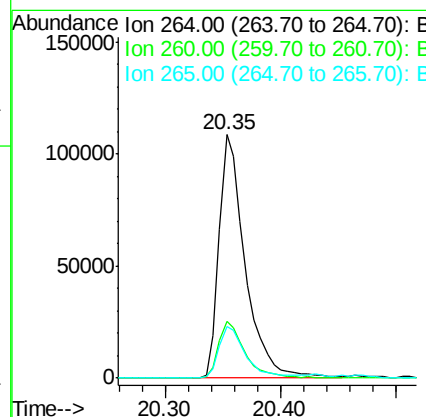
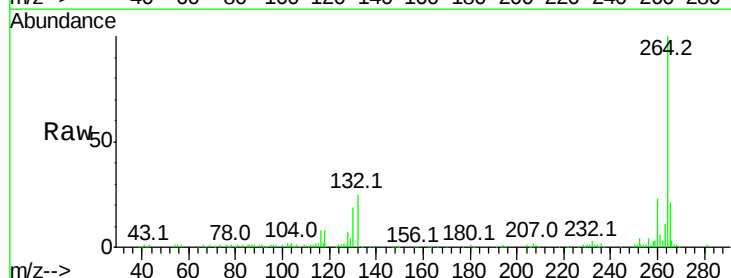
Instrument :
 BNA_F
 ClientSampleId :

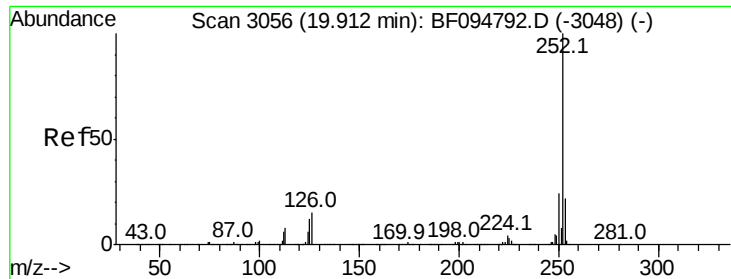
Tot Ion:276 Resp: 362322
 Ion Ratio Lower Upper
 276 100
 138 36.7 27.8 41.6
 277 24.8 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.35 min Scan# 3131
 Delta R.T. -0.01 min
 Lab File: BF095391.D
 Acq: 24 May 2017 16:19

Tgt Ion:264 Resp: 170575
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.5 29.3
 265 21.3 17.2 25.8

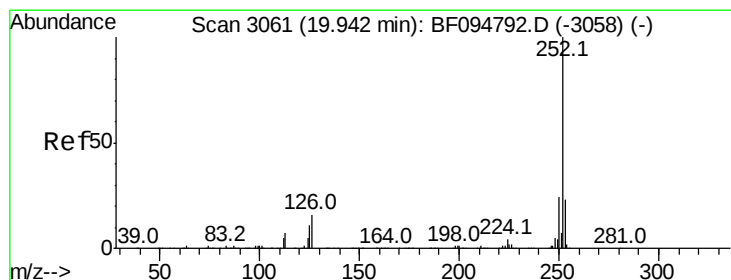
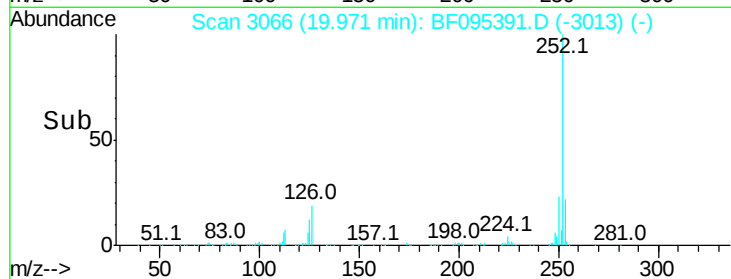
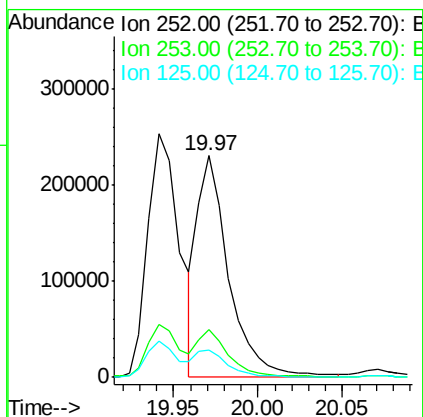
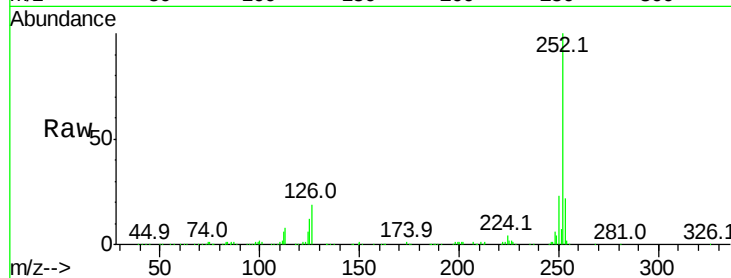




#87
Benzo(b)fluoranthene
Concen: 28.38 ng
RT: 19.97 min Scan# 3066
Delta R.T. 0.01 min
Lab File: BF095391.D
Acq: 24 May 2017 16:19

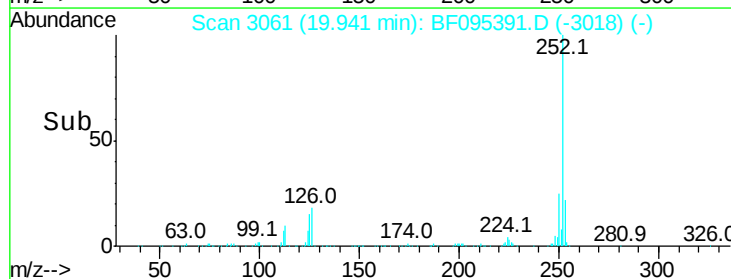
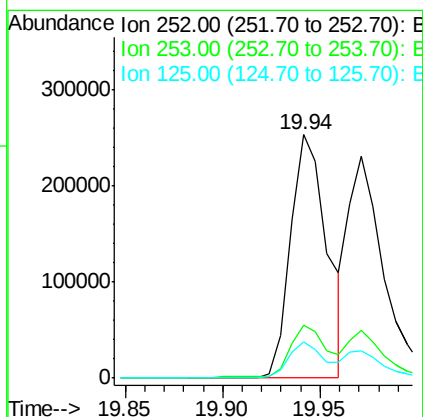
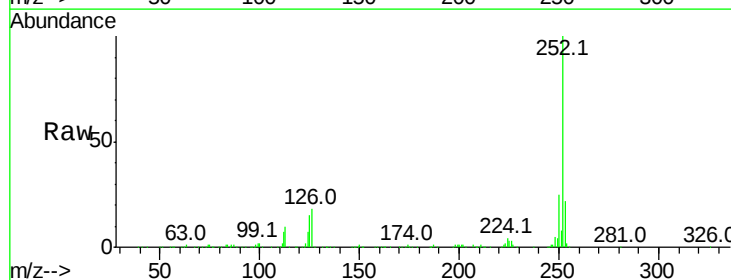
Instrument :
BNA_F
ClientSampleId :

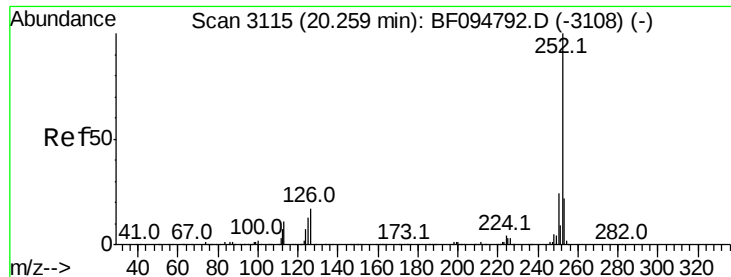
Tot Ion:252 Resp: 299163
Ion Ratio Lower Upper
252 100
253 21.7 18.1 27.1
125 12.5 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 32.48 ng
RT: 19.94 min Scan# 3061
Delta R.T. -0.05 min
Lab File: BF095391.D
Acq: 24 May 2017 16:19

Tgt Ion:252 Resp: 330223
Ion Ratio Lower Upper
252 100
253 21.9 18.4 27.6
125 14.9 13.1 19.7

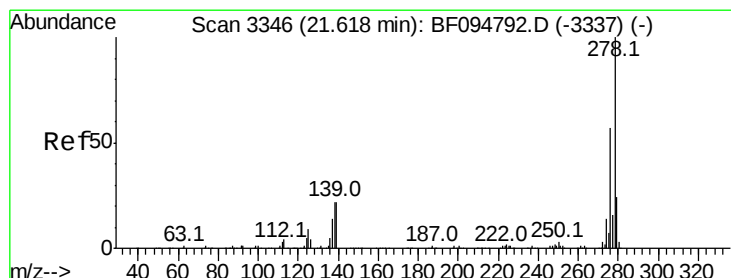
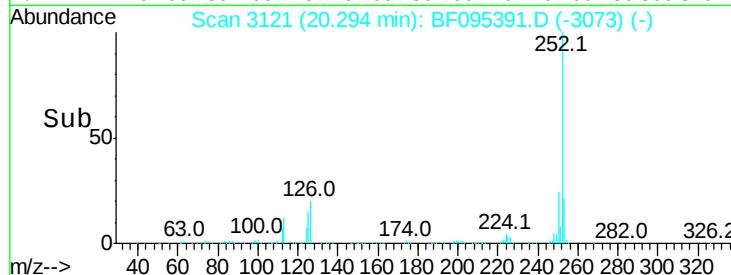
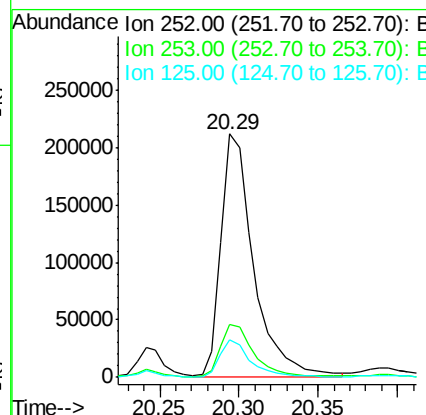
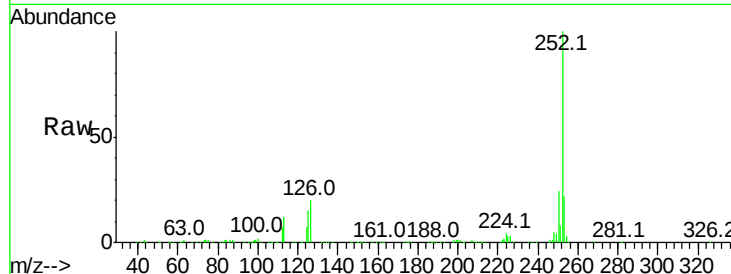




#89
Benzo(a)pyrene
Concen: 31.19 ng
RT: 20.29 min Scan# 3121
Delta R.T. -0.02 min
Lab File: BF095391.D
Acq: 24 May 2017 16:19

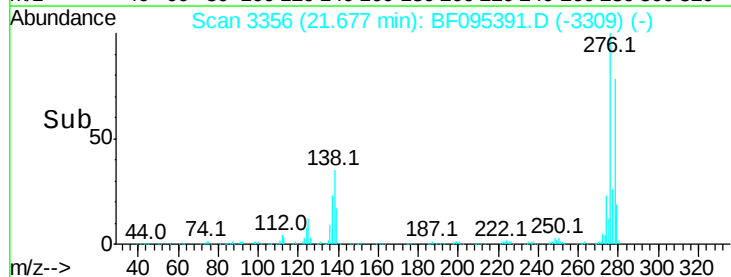
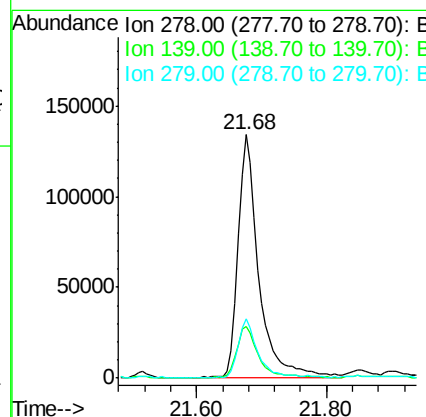
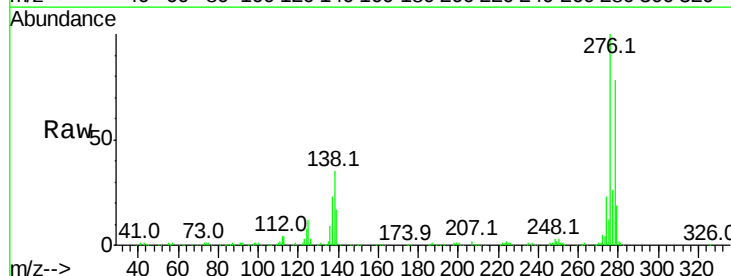
Instrument :
BNA_F
ClientSampleId :

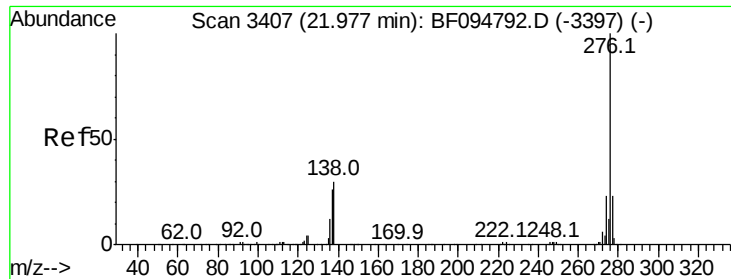
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	15.5	11.0	16.4



#90
Dibenzo(a,h)anthracene
Concen: 36.76 ng
RT: 21.68 min Scan# 3356
Delta R.T. -0.02 min
Lab File: BF095391.D
Acq: 24 May 2017 16:19

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.4	16.6	24.8
279	24.6	19.3	28.9

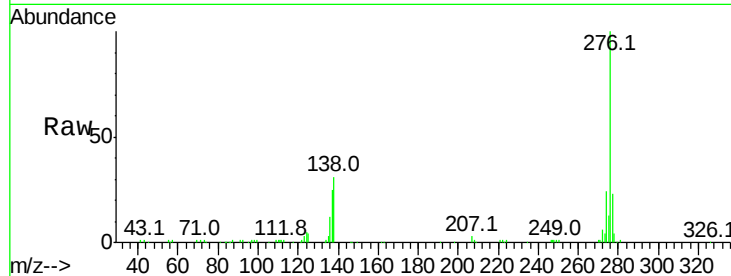




#91
 Benzo(a,h,i)perylene
 Concen: 36.16 ng
 RT: 22.06 min Scan# 3422
 Delta R.T. -0.02 min
 Lab File: BF095391.D
 Acq: 24 May 2017 16:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.7	18.6	28.0
138	30.6	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

