

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
 Data File : BF095159.D
 Acq On : 16 May 2017 16:39
 Operator : SJ/MA
 Sample : PB98998BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 17 05:53:34 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	84401	20.00	ng	0.05
21) Naphthalene-d8	9.79	136	391013	20.00	ng	0.04
38) Acenaphthene-d10	12.62	164	181630	20.00	ng	0.04
63) Phenanthrene-d10	15.02	188	333079	20.00	ng	0.04
75) Chrysene-d12	18.69	240	205876	20.00	ng	0.04
86) Perylene-d12	20.37	264	135417	20.00	ng	0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.77	112	681588	134.64	ng	0.09
7) Phenol-d6	7.33	99	815551	134.27	ng	0.05
23) Nitrobenzene-d5	8.68	82	484237	78.09	ng	0.05
41) 2,4,6-Tribromophenol	13.92	330	200447	134.76	ng	0.04
44) 2-Fluorobiphenyl	11.57	172	1099814	87.16	ng	0.04
78) Terphenyl-d14	17.35	244	972950	104.09	ng	0.04

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.34	88	85371	34.39	ng	92
3) Pyridine	3.04	79	80167	13.93	ng	97
4) n-Nitrosodimethylamine	2.96	42	66650	27.79	ng	85
6) Aniline	7.29	93	223493	29.15	ng	95
8) 2-Chlorophenol	7.48	128	254734	44.21	ng	94
9) Benzaldehyde	7.11	77	94493	25.48	ng	95
10) Phenol	7.35	94	270757	42.30	ng	89
11) bis(2-Chloroethyl)ether	7.42	93	223246	42.25	ng	97
12) 1,3-Dichlorobenzene	7.68	146	262578	40.17	ng	99
13) 1,4-Dichlorobenzene	7.81	146	270811	40.86	ng	97
14) 1,2-Dichlorobenzene	8.04	146	257915	41.69	ng	96
15) Benzyl Alcohol	8.07	79	198816	50.89	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.26	45	290629	38.86	ng	89
17) 2-Methylphenol	8.27	107	202719	42.99	ng	92
18) Hexachloroethane	8.55	117	89234	39.74	ng	# 87
19) n-Nitroso-di-n-propylamine	8.48	70	174686	42.52	ng	92
20) 3+4-Methylphenols	8.53	107	272219	42.48	ng	# 59
22) Acetophenone	8.45	105	348233	37.12	ng	# 83
24) Nitrobenzene	8.71	77	241866	37.21	ng	95
25) Isophorone	9.11	82	443328	40.04	ng	# 94
26) 2-Nitrophenol	9.21	139	142024	40.50	ng	98
27) 2,4-Dimethylphenol	9.35	122	229005	40.39	ng	98
28) bis(2-Chloroethoxy)methane	9.47	93	296896	38.76	ng	98
29) 2,4-Dichlorophenol	9.63	162	241284	45.07	ng	97
30) 1,2,4-Trichlorobenzene	9.72	180	234692	40.92	ng	99
31) Naphthalene	9.82	128	797108	40.56	ng	100
32) Benzoic acid	9.65	122	118005	33.42	ng	96
33) 4-Chloroaniline	9.99	127	79868	10.91	ng	# 92
34) Hexachlorobutadiene	10.04	225	117772	38.91	ng	97
35) Caprolactam	10.61	113	39318	24.46	ng	93
36) 4-Chloro-3-methylphenol	10.82	107	256872	44.87	ng	87
37) 2-Methylnaphthalene	10.95	142	554069	42.96	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.23	216	223771	40.06	ng	99
40) Hexachlorocyclopentadiene	11.21	237	160663	69.30	ng	99

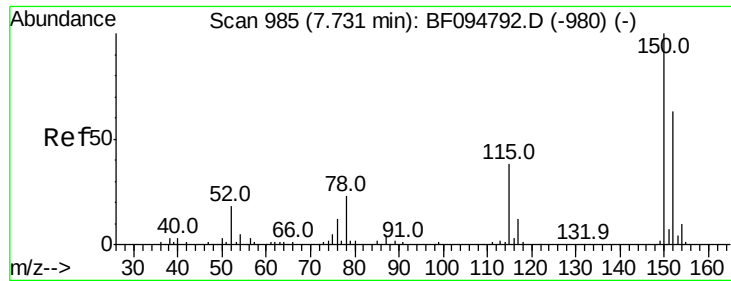
Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.45	196	165060	44.26	nq	100
43) 2,4,5-Trichlorophenol	11.54	196	158154	39.46	nq	94
45) 1,1'-Biphenyl	11.72	154	594270	38.86	nq	98
46) 2-Chloronaphthalene	11.74	162	465200	37.67	nq	95
47) 2-Nitroaniline	11.95	65	140132	41.46	nq	# 81
48) Acenaphthylene	12.40	152	753536	38.96	nq	98
49) Dimethylphthalate	12.27	163	617327	41.40	nq	99
50) 2,6-Dinitrotoluene	12.36	165	135735	44.62	nq	96
51) Acenaphthene	12.68	154	478476	41.42	nq	98
52) 3-Nitroaniline	12.64	138	64421	19.73	nq	87
53) 2,4-Dinitrophenol	12.84	184	112199	67.98	nq	# 65
54) Dibenzofuran	12.97	168	666525	41.70	nq	97
55) 4-Nitrophenol	13.02	139	147454	75.19	nq	# 74
56) 2,4-Dinitrotoluene	13.03	165	166661	42.64	nq	# 89
57) Fluorene	13.52	166	598058	43.03	nq	100
58) 2,3,4,6-Tetrachlorophenol	13.21	232	122265	48.47	nq	# 94
59) Diethylphthalate	13.41	149	589696	41.26	nq	99
60) 4-Chlorophenyl-phenylether	13.54	204	267553	43.80	nq	89
61) 4-Nitroaniline	13.64	138	109060	36.39	nq	96
62) Azobenzene	13.80	77	513726	44.73	nq	94
64) 4,6-Dinitro-2-methylphenol	13.70	198	89026	39.87	nq	# 70
65) n-Nitrosodiphenylamine	13.75	169	461398	38.17	nq	99
66) 4-Bromophenyl-phenylether	14.33	248	142066	40.37	nq	97
67) Hexachlorobenzene	14.42	284	146595	40.65	nq	# 90
68) Atrazine	14.67	200	152877	44.79	nq	98
69) Pentachlorophenol	14.77	266	106828	66.58	nq	96
70) Phenanthrene	15.07	178	821564	42.93	nq	99
71) Anthracene	15.15	178	849630	43.46	nq	98
72) Carbazole	15.43	167	740063	41.61	nq	98
73) Di-n-butylphthalate	15.99	149	972255	43.83	nq	98
74) Fluoranthene	16.81	202	834407	42.50	nq	99
76) Benzidine	17.02	184	161675	31.64	nq	95
77) Pyrene	17.11	202	841023	54.62	nq	100
79) Butylbenzylphthalate	18.01	149	329121	45.96	nq	93
80) Benzo(a)anthracene	18.68	228	524026	43.74	nq	99
81) 3,3'-Dichlorobenzidine	18.67	252	88793	21.46	nq	# 94
82) Chrysene	18.73	228	486822	42.02	nq	99
83) Bis(2-ethylhexyl)phthalate	18.75	149	471109	46.17	nq	# 98
84) Di-n-octyl phthalate	19.51	149	721942	43.15	nq	95
85) Indeno(1,2,3-cd)pyrene	21.69	276	360685	38.34	nq	99
87) Benzo(b)fluoranthene	19.96	252	371994	44.46	nq	98
88) Benzo(k)fluoranthene	19.99	252	394230	48.84	nq	# 93
89) Benzo(a)pyrene	20.31	252	341687	44.25	nq	99
90) Dibenzo(a,h)anthracene	21.70	278	289300	45.37	nq	99
91) Benzo(g,h,i)perylene	22.08	276	307814	49.19	nq	96

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

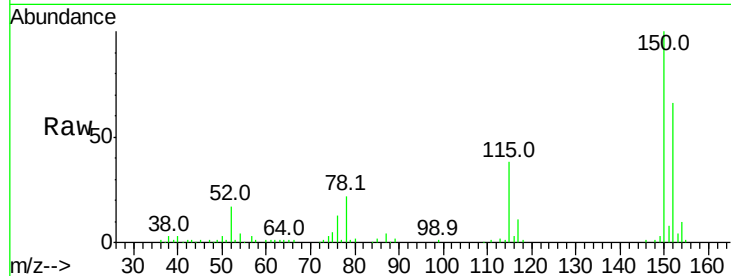


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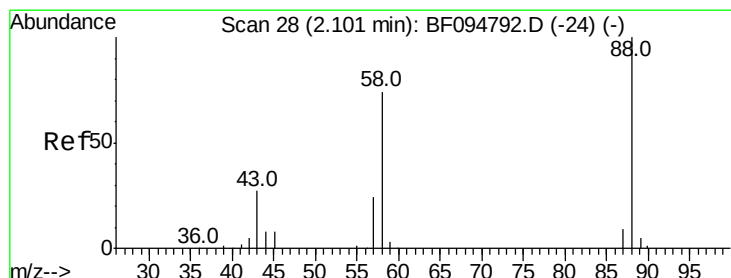
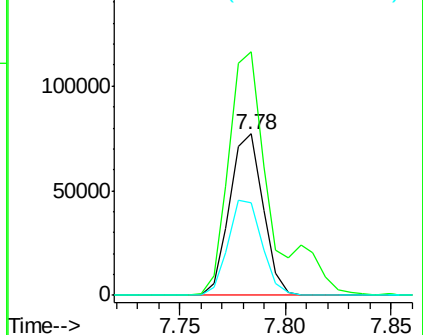
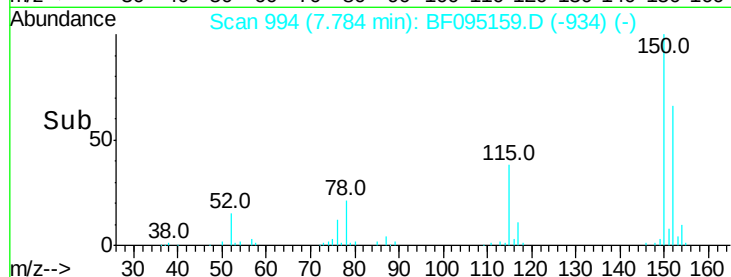
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.78 min Scan# 994
Delta R.T. 0.05 min
Lab File: BF095159.D
Acq: 16 May 2017 16:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 84401
Ion Ratio Lower Upper
152 100
150 151.0 126.2 189.2
115 57.7 52.2 78.2



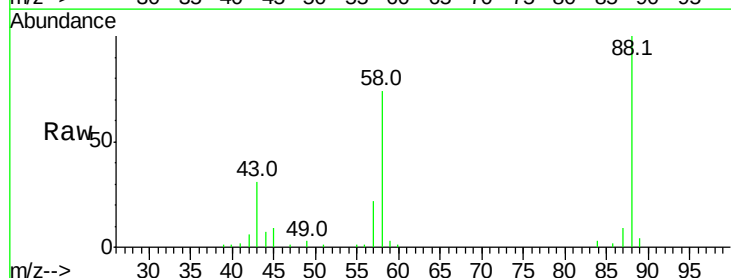
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



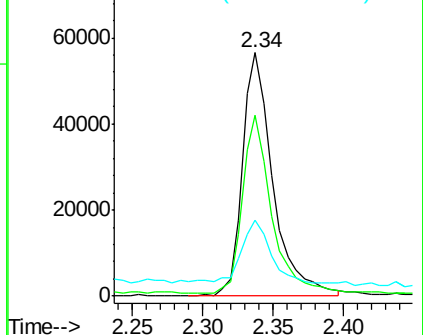
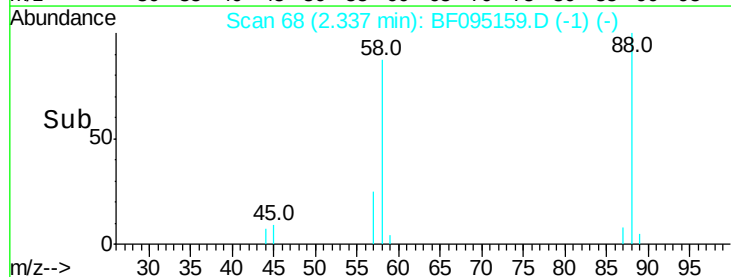
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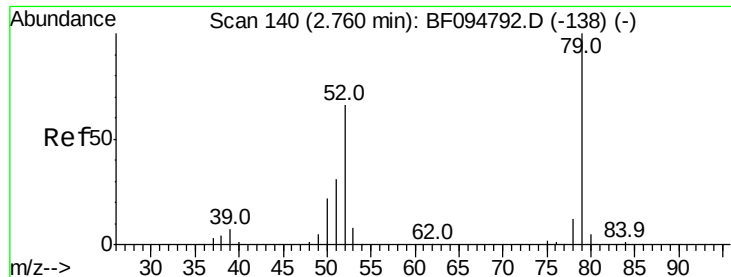
1,4-Dioxane
Concen: 34.39 ng
RT: 2.34 min Scan# 68
Delta R.T. 0.24 min
Lab File: BF095159.D
Acq: 16 May 2017 16:39

Tgt Ion: 88 Resp: 85371
Ion Ratio Lower Upper
88 100
58 69.6 61.4 92.0
43 25.7 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

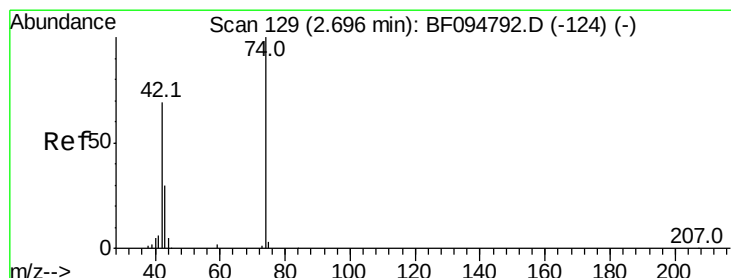
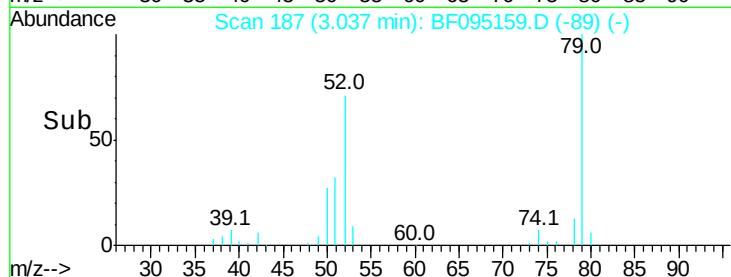
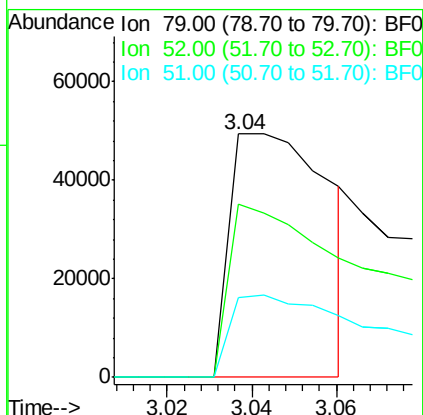
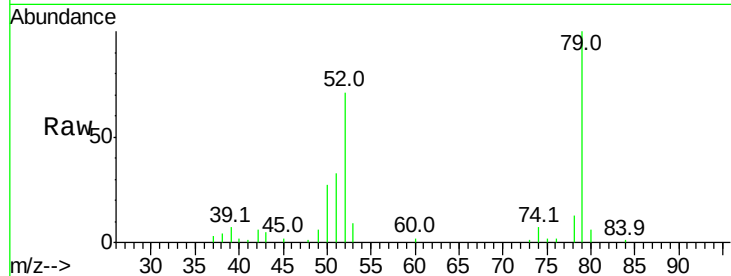




#3
 Pvridine
 Concen: 13.93 ng
 RT: 3.04 min Scan# 187
 Delta R.T. 0.28 min
 Lab File: BF095159.D
 Acq: 16 May 2017 16:39

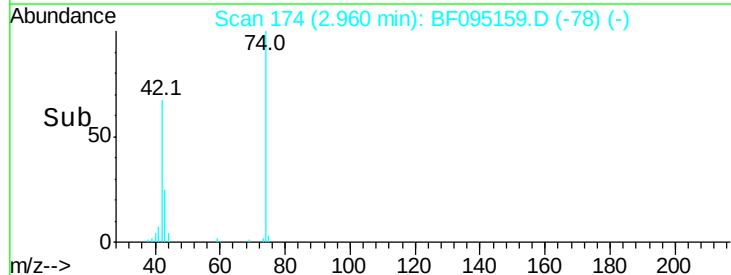
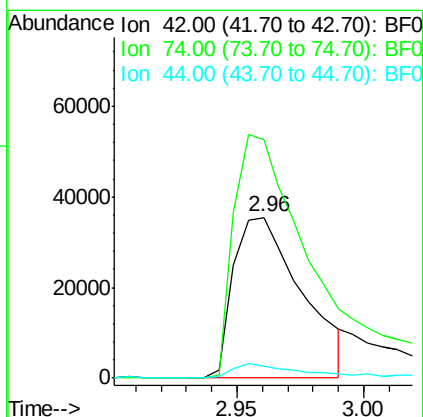
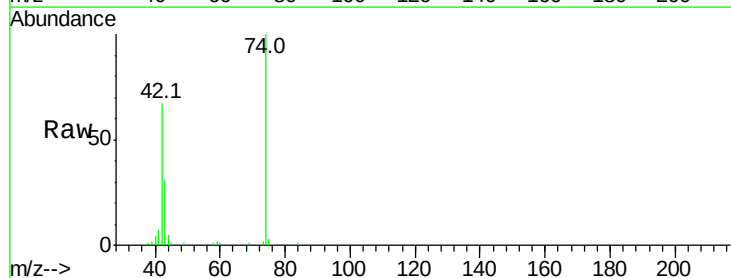
Instrument :
 BNA_F
 ClientSampleId :

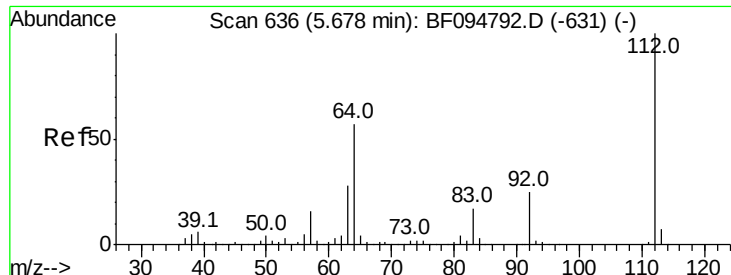
Tot Ion: 79 Resp: 80167
 Ion Ratio Lower Upper
 79 100
 52 71.1 54.8 82.2
 51 32.7 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 27.79 ng
 RT: 2.96 min Scan# 174
 Delta R.T. 0.26 min
 Lab File: BF095159.D
 Acq: 16 May 2017 16:39

Tgt Ion: 42 Resp: 66650
 Ion Ratio Lower Upper
 42 100
 74 148.7 103.9 155.9
 44 7.3 5.7 8.5





#5

2-Fluorophenol

Concen: 134.64 ng

RT: 5.77 min Scan# 651

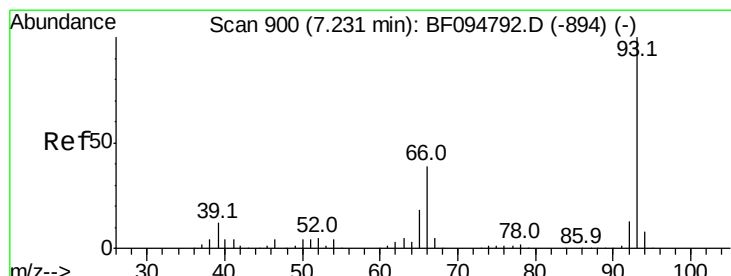
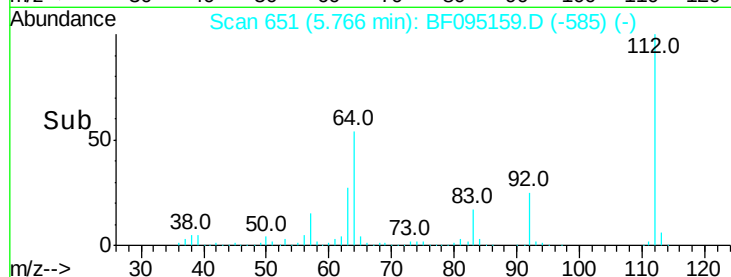
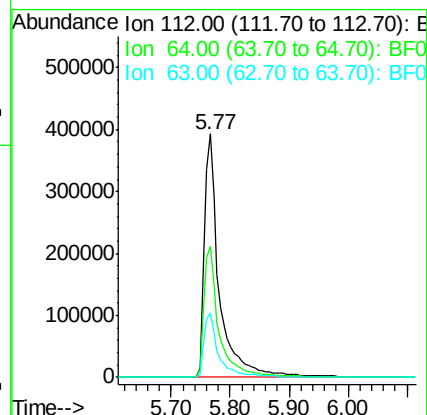
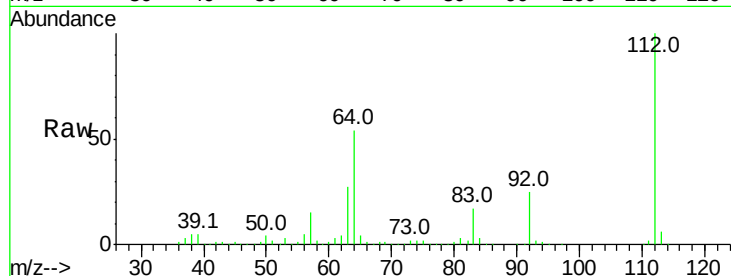
Delta R.T. 0.09 min

Lab File: BF095159.D

Acq: 16 May 2017 16:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	681588
Ion	Ratio	Lower	Upper
112	100		
64	53.6	46.0	69.0
63	26.5	23.4	35.0



#6

Aniline

Concen: 29.15 ng

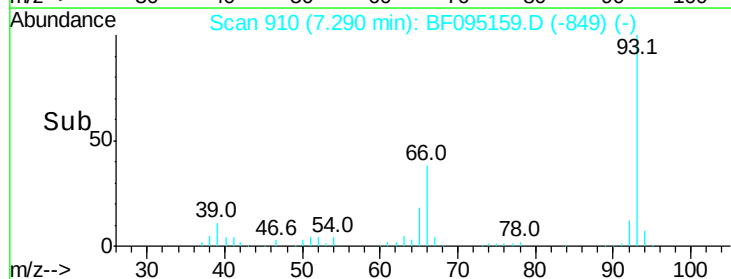
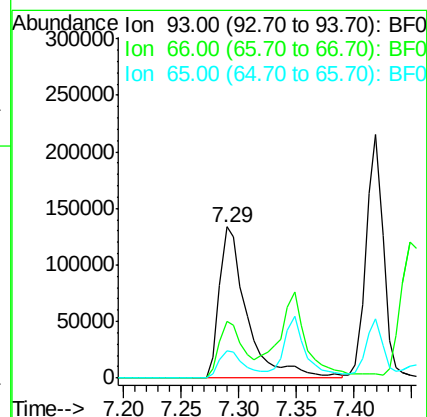
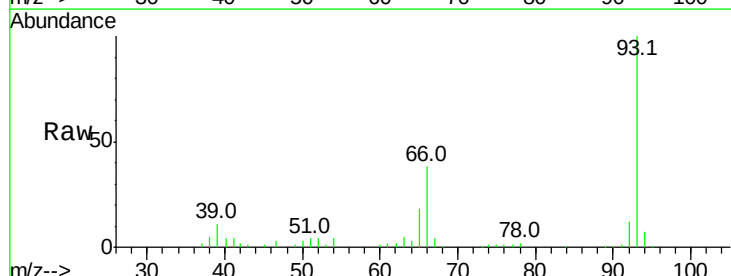
RT: 7.29 min Scan# 910

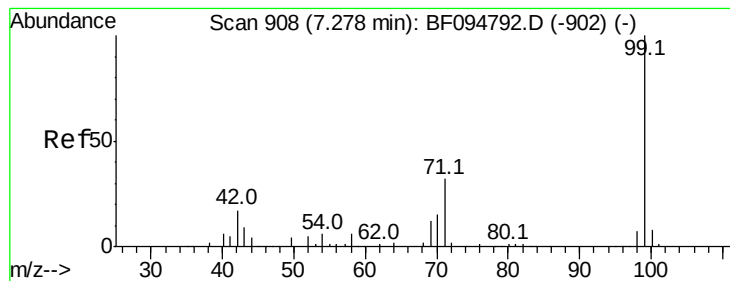
Delta R.T. 0.06 min

Lab File: BF095159.D

Acq: 16 May 2017 16:39

Tgt Ion:	93	Resp:	223493
Ion	Ratio	Lower	Upper
93	100		
66	37.8	32.9	49.3
65	18.0	16.0	24.0





#7

Phenol-d6

Concen: 134.27 ng

RT: 7.33 min Scan# 917

Delta R.T. 0.05 min

Lab File: BF095159.D

Acq: 16 May 2017 16:39

Instrument :

BNA_F

ClientSampled :

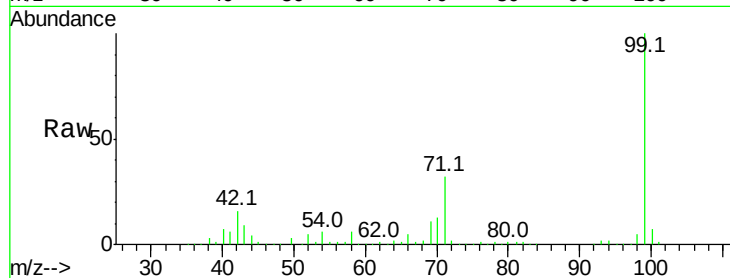
Tot Ion: 99 Resp: 815551

Ion Ratio Lower Upper

99 100

42 16.0 13.5 20.3

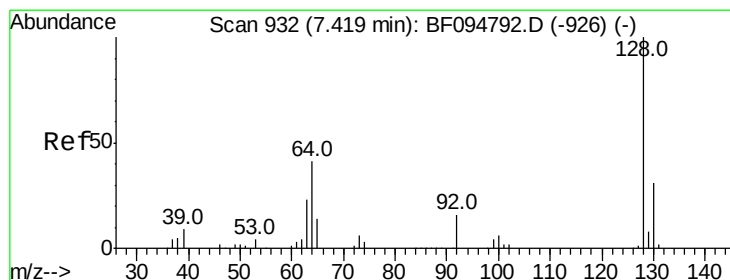
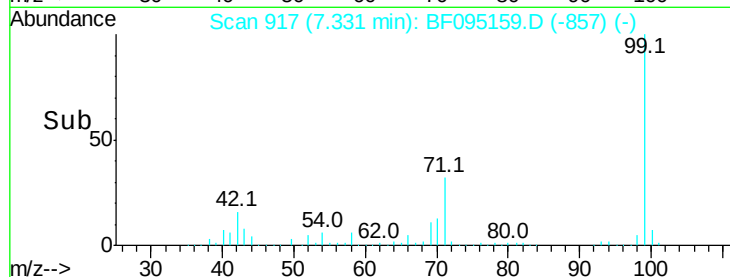
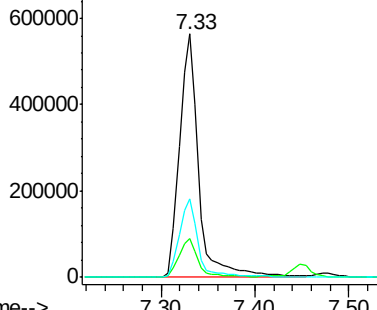
71 32.0 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 44.21 ng

RT: 7.48 min Scan# 942

Delta R.T. 0.06 min

Lab File: BF095159.D

Acq: 16 May 2017 16:39

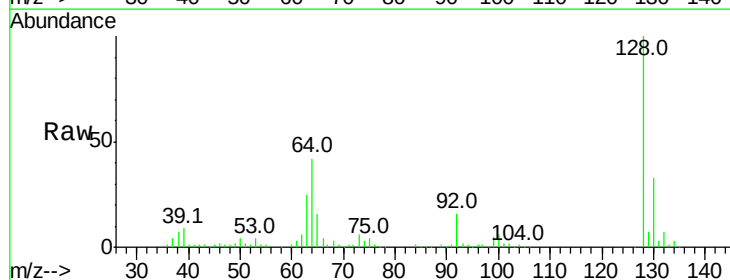
Tgt Ion: 128 Resp: 254734

Ion Ratio Lower Upper

128 100

130 32.7 12.9 52.9

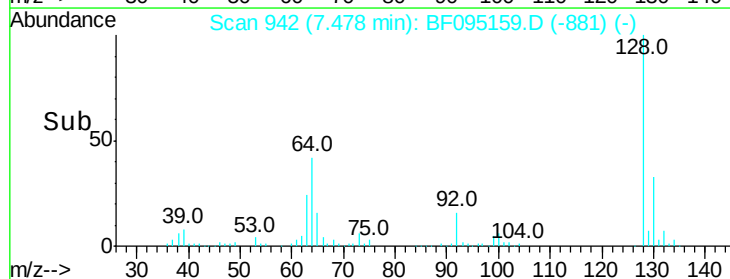
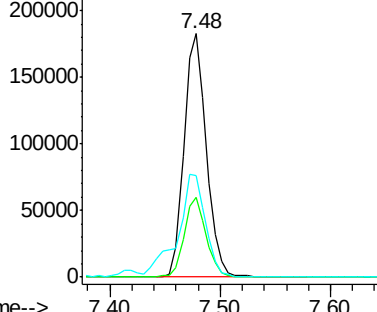
64 41.7 28.4 68.4

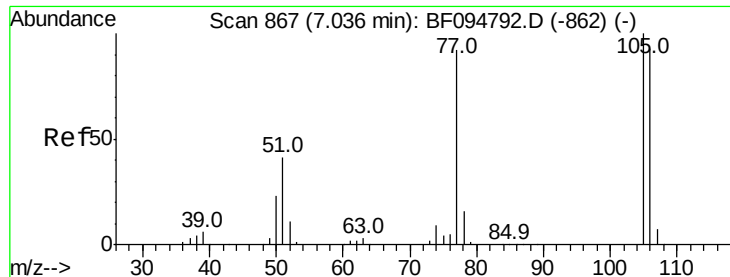


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 25.48 ng

RT: 7.11 min Scan# 879

Delta R.T. 0.07 min

Lab File: BF095159.D

Acq: 16 May 2017 16:39

Instrument :

BNA_F

ClientSampled :

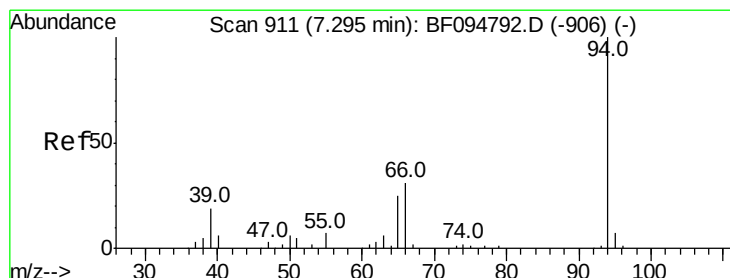
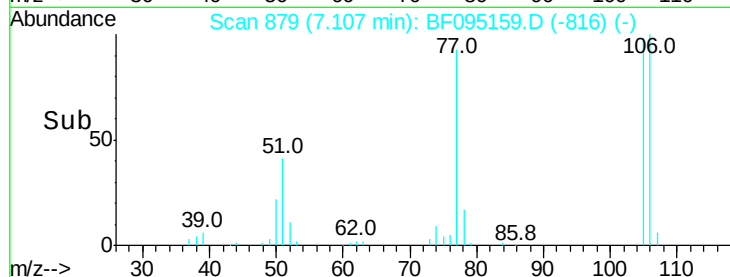
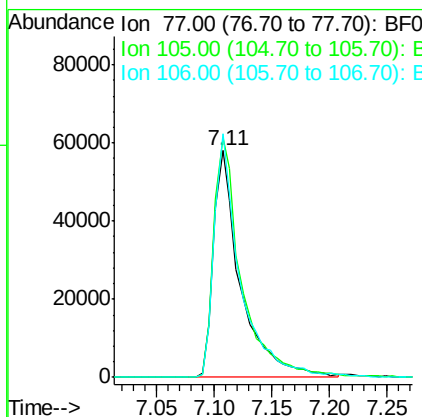
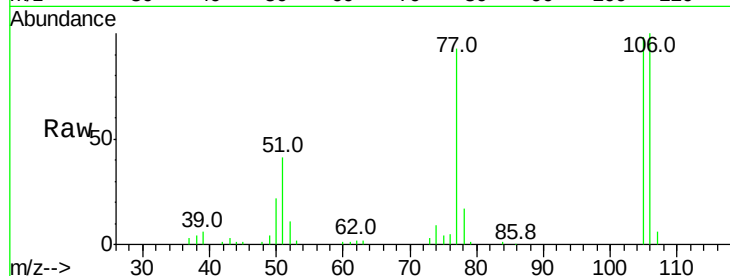
Tot Ion: 77 Resp: 94493

Ion Ratio Lower Upper

77 100

105 105.5 83.8 123.8

106 107.4 79.1 119.1



#10

Phenol

Concen: 42.30 ng

RT: 7.35 min Scan# 920

Delta R.T. 0.05 min

Lab File: BF095159.D

Acq: 16 May 2017 16:39

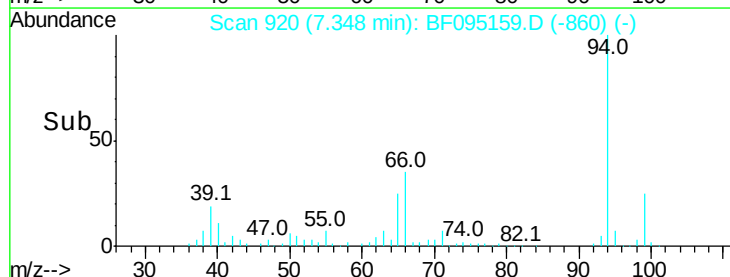
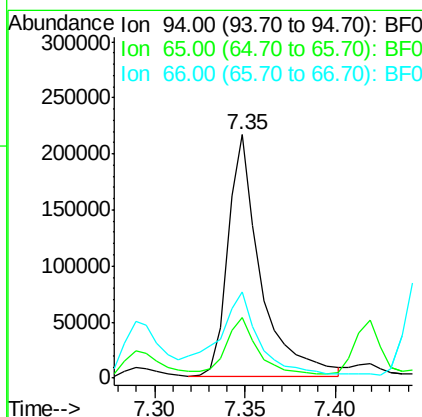
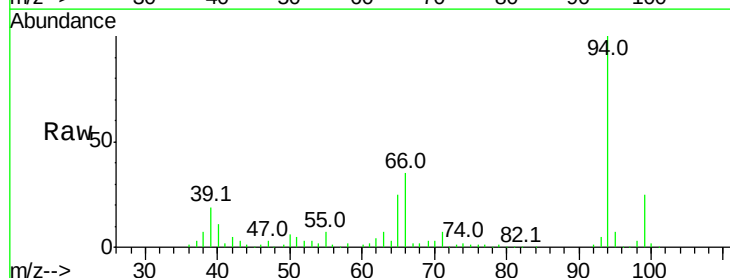
Tgt Ion: 94 Resp: 270757

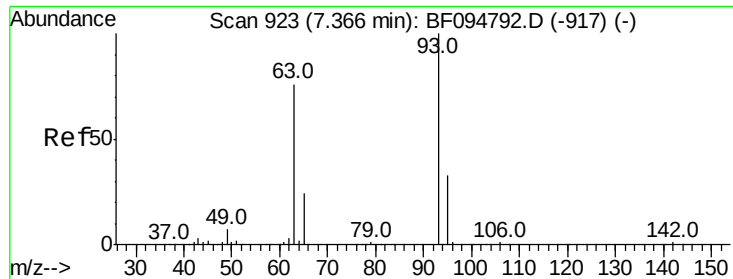
Ion Ratio Lower Upper

94 100

65 25.1 9.9 49.9

66 35.2 23.1 63.1

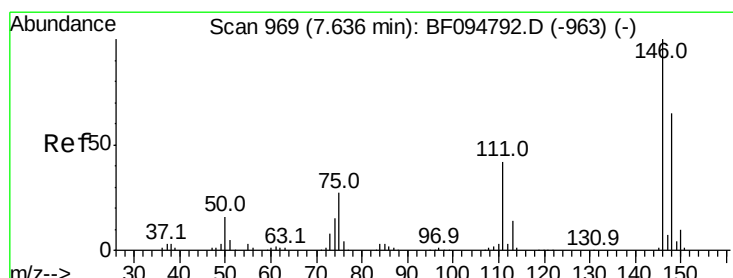
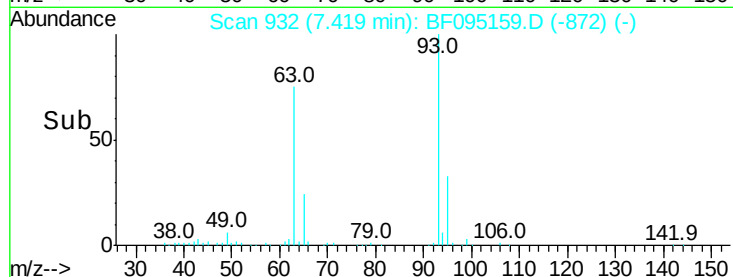
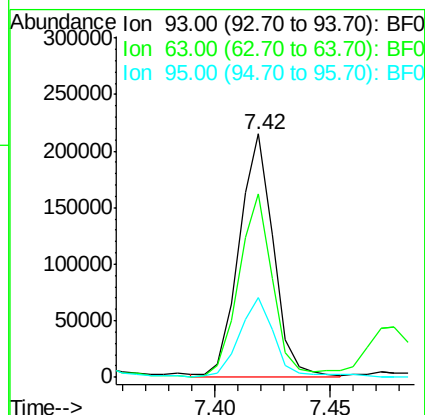
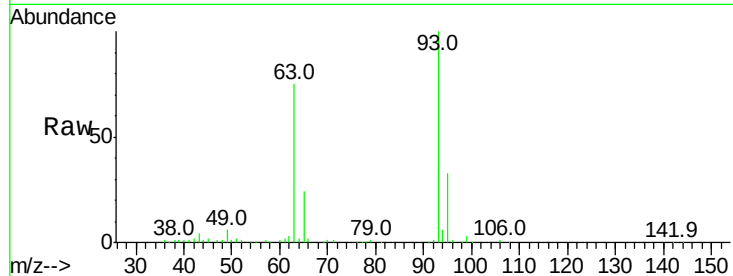




#11
 bis(2-Chloroethyl)ether
 Concen: 42.25 ng
 RT: 7.42 min Scan# 932
 Delta R.T. 0.05 min
 Lab File: BF095159.D
 Acq: 16 May 2017 16:39

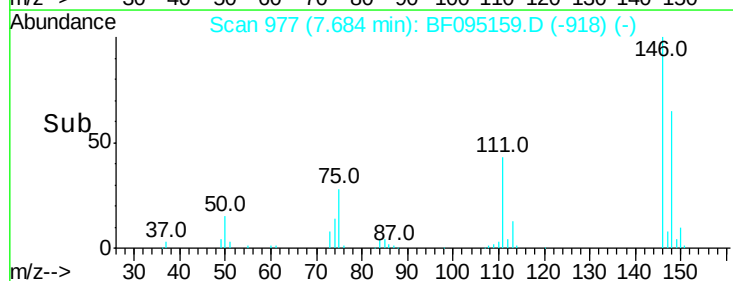
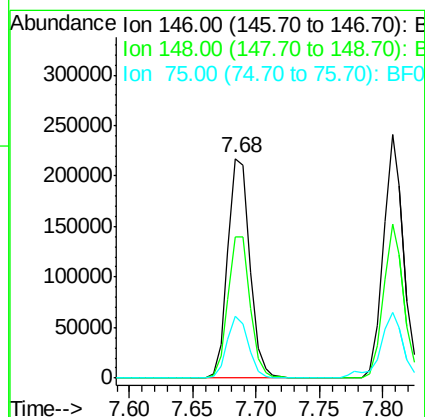
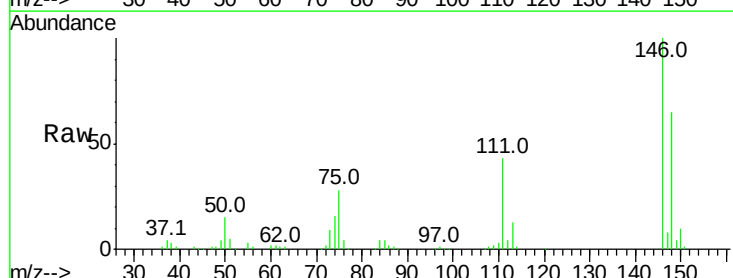
Instrument :
 BNA_F
 ClientSampled :

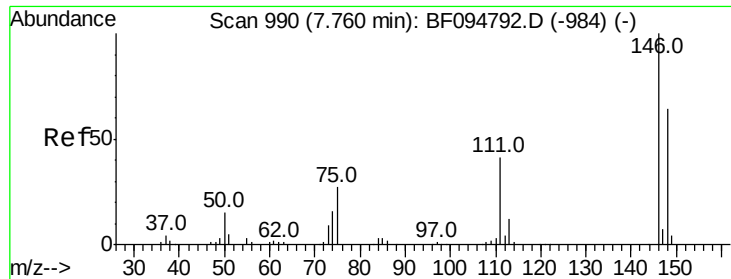
Tot Ion:	93	Resp:	223246
Ion	Ratio	Lower	Upper
93	100		
63	75.1	59.2	99.2
95	32.9	12.8	52.8



#12
 1,3-Dichlorobenzene
 Concen: 40.17 ng
 RT: 7.68 min Scan# 977
 Delta R.T. 0.05 min
 Lab File: BF095159.D
 Acq: 16 May 2017 16:39

Tgt Ion:	146	Resp:	262578
Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.8	77.6
75	28.0	23.1	34.7

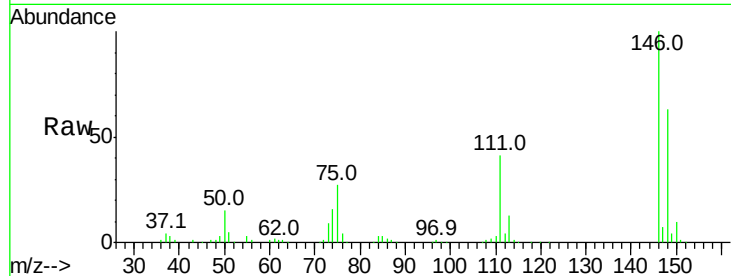




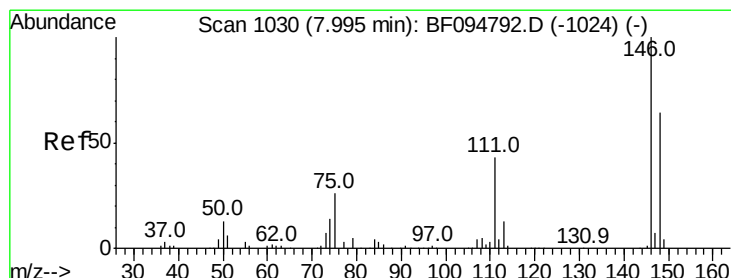
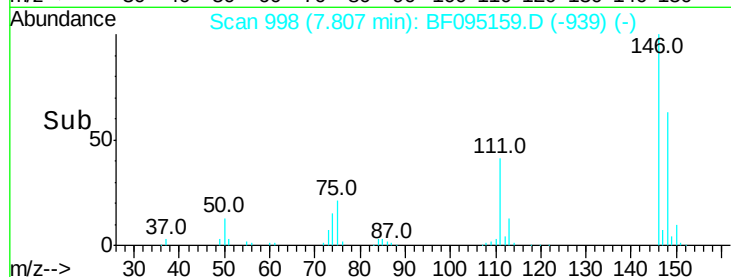
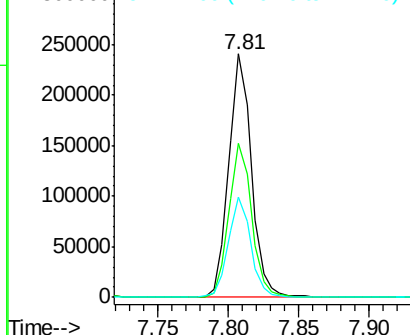
#13
 1,4-Dichlorobenzene
 Concen: 40.86 ng
 RT: 7.81 min Scan# 998
 Delta R.T. 0.05 min
 Lab File: BF095159.D
 Acq: 16 May 2017 16:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 270811
 Ion Ratio Lower Upper
 146 100
 148 63.3 52.2 78.2
 111 41.0 30.3 45.5

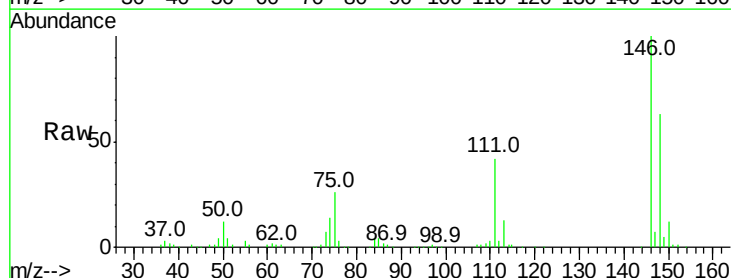


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

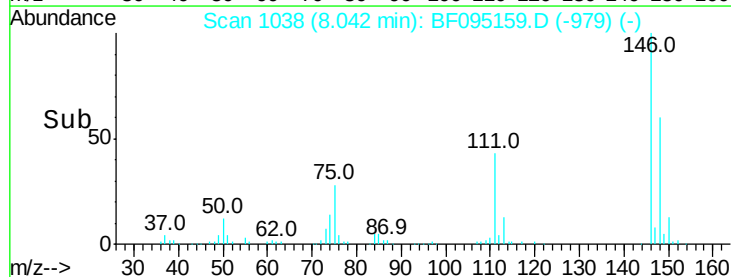
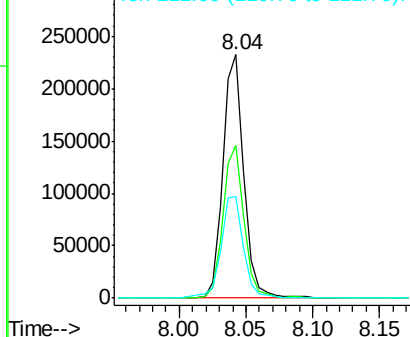


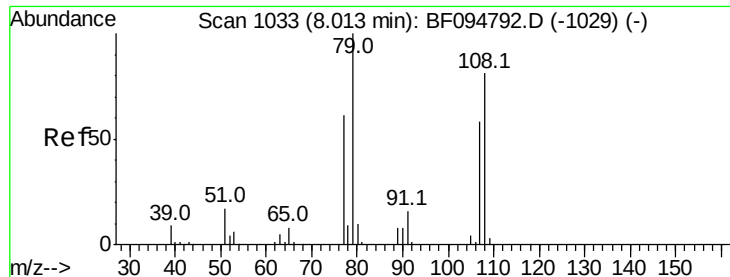
#14
 1,2-Dichlorobenzene
 Concen: 41.69 ng
 RT: 8.04 min Scan# 1038
 Delta R.T. 0.05 min
 Lab File: BF095159.D
 Acq: 16 May 2017 16:39

Tgt Ion:146 Resp: 257915
 Ion Ratio Lower Upper
 146 100
 148 62.5 50.4 75.6
 111 41.6 38.2 57.4



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

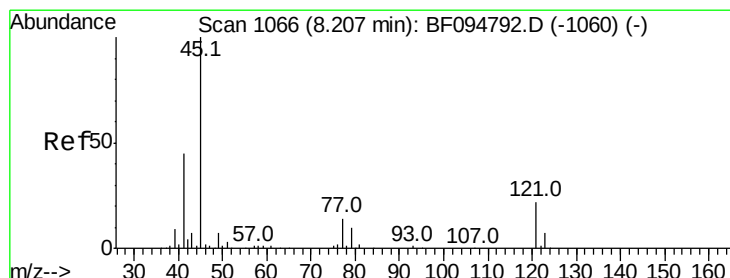
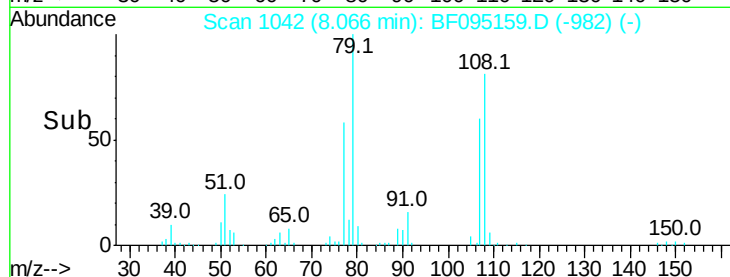
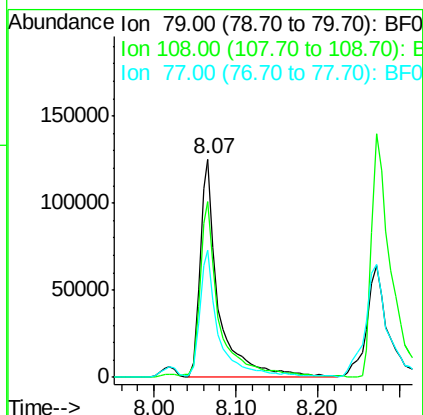
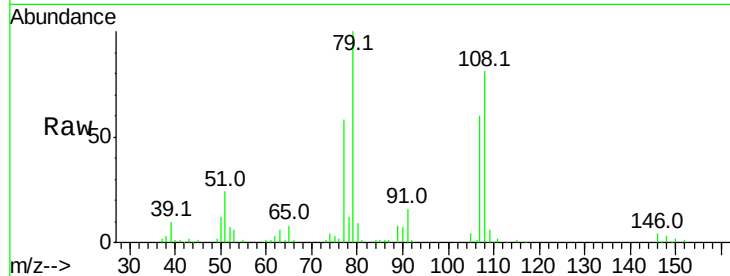




#15
Benzyl Alcohol
Concen: 50.89 ng
RT: 8.07 min Scan# 1042
Delta R.T. 0.05 min
Lab File: BF095159.D
Acq: 16 May 2017 16:39

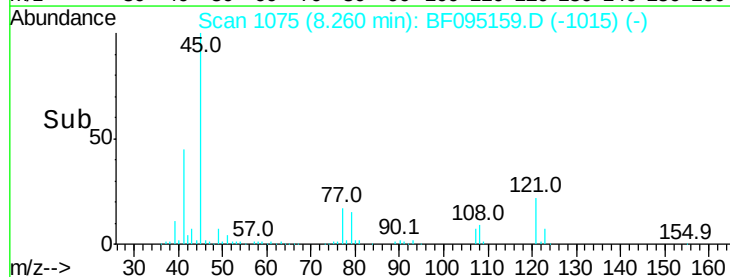
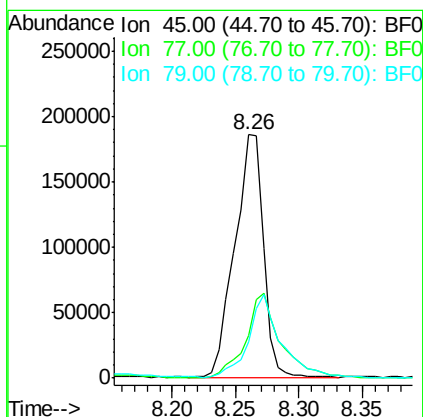
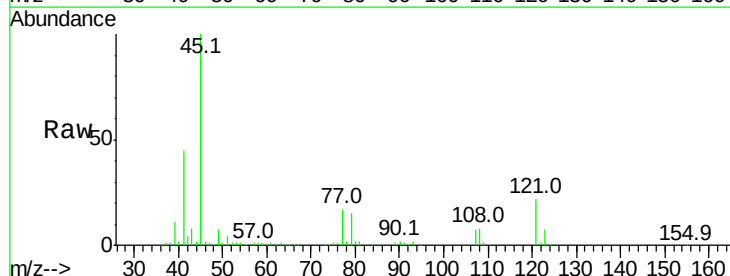
Instrument :
BNA_F
ClientSampleId :

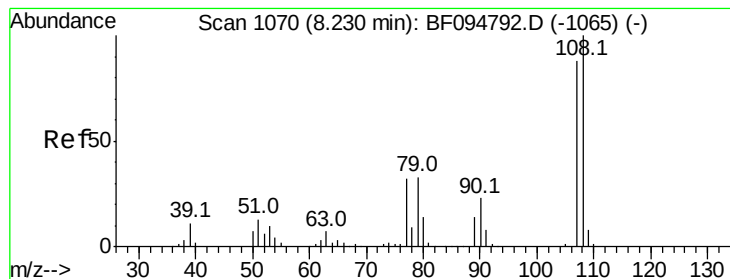
Tot Ion: 79 Resp: 198816
Ion Ratio Lower Upper
79 100
108 80.7 63.4 95.0
77 58.3 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.86 ng
RT: 8.26 min Scan# 1075
Delta R.T. 0.05 min
Lab File: BF095159.D
Acq: 16 May 2017 16:39

Tgt Ion: 45 Resp: 290629
Ion Ratio Lower Upper
45 100
77 17.3 0.0 33.2
79 14.9 0.0 30.0

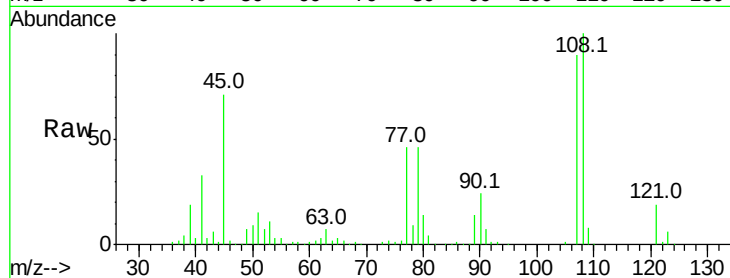




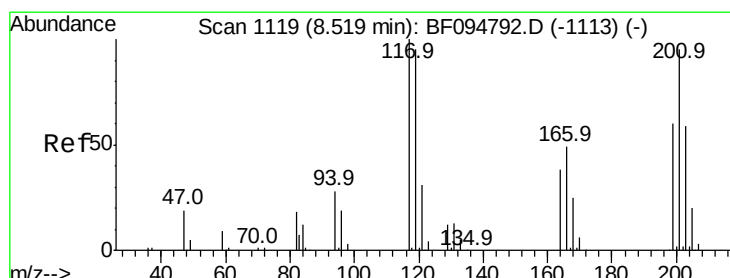
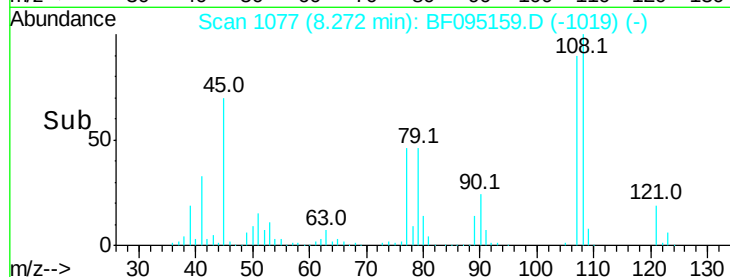
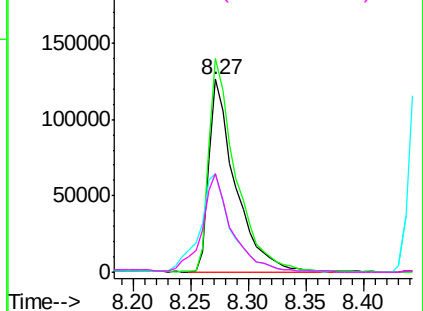
#17
2-Methylphenol
Concen: 42.99 ng
RT: 8.27 min Scan# 1077
Delta R.T. 0.04 min
Lab File: BF095159.D
Acq: 16 May 2017 16:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.6	93.4	140.0
77	51.2	35.8	53.6
79	50.9	34.8	52.2

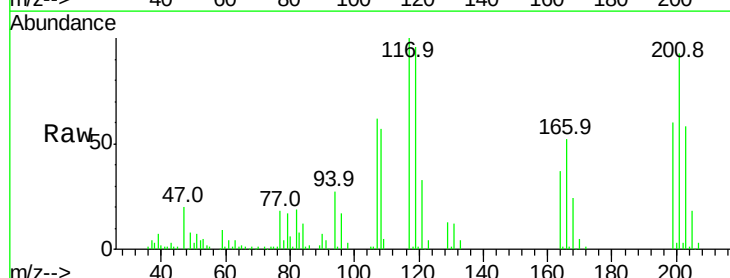


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

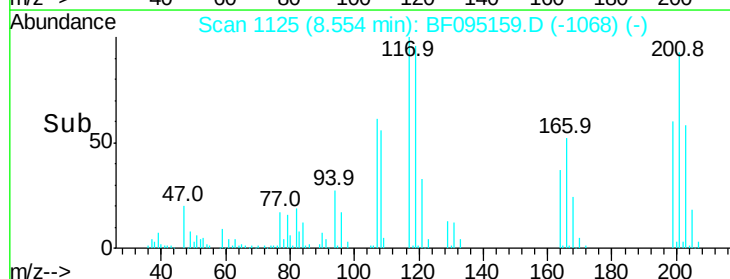
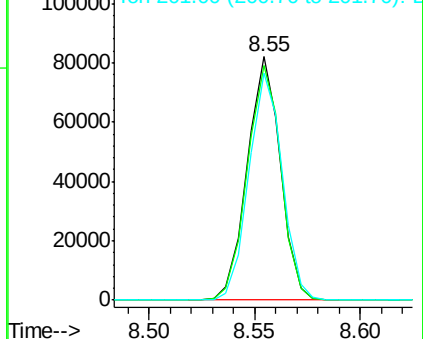


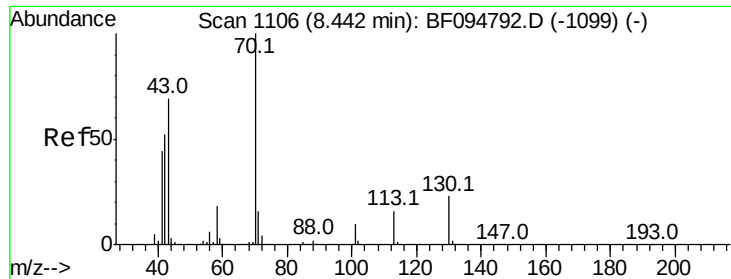
#18
Hexachloroethane
Concen: 39.74 ng
RT: 8.55 min Scan# 1125
Delta R.T. 0.04 min
Lab File: BF095159.D
Acq: 16 May 2017 16:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.4	116.0
201	93.2	94.6	141.8#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

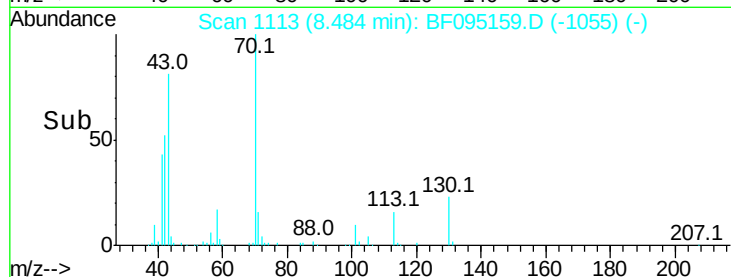
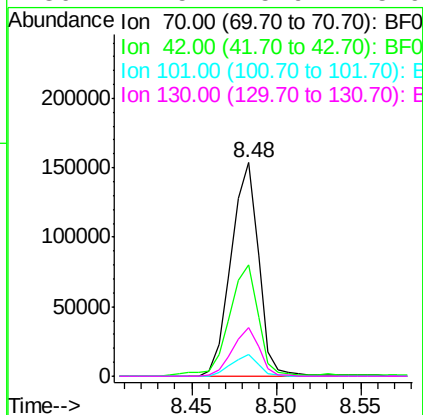
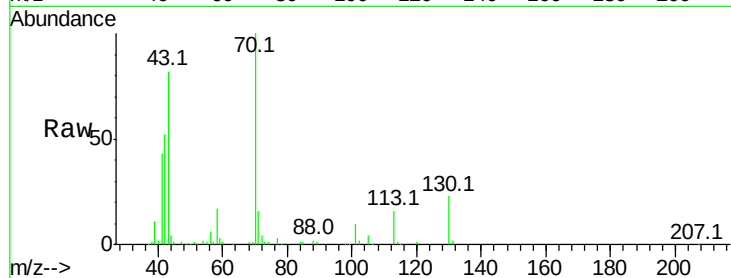




#19
n-Nitroso-di-n-propylamine
Concen: 42.52 ng
RT: 8.48 min Scan# 1113
Delta R.T. 0.04 min
Lab File: BF095159.D
Acq: 16 May 2017 16:39

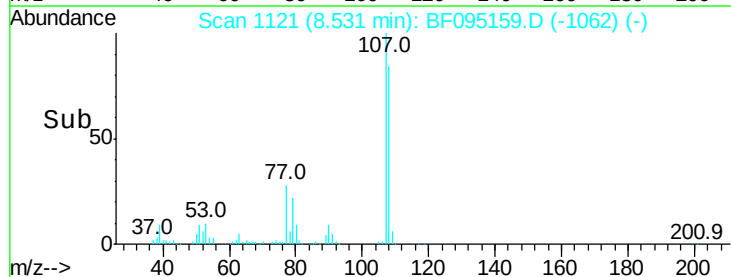
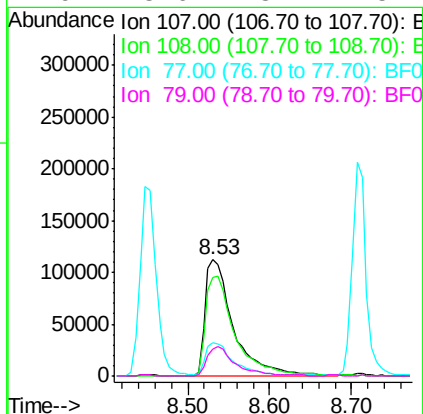
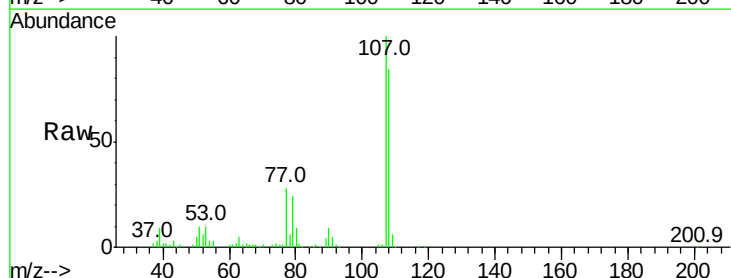
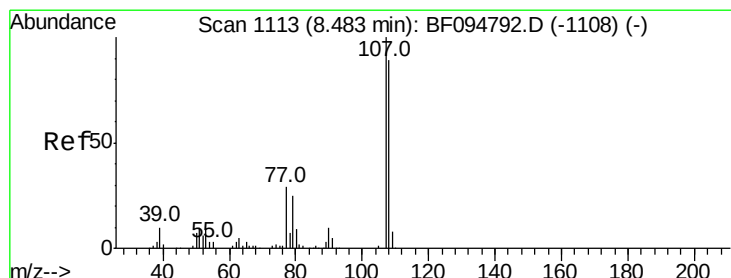
Instrument :
BNA_F
ClientSampleId :

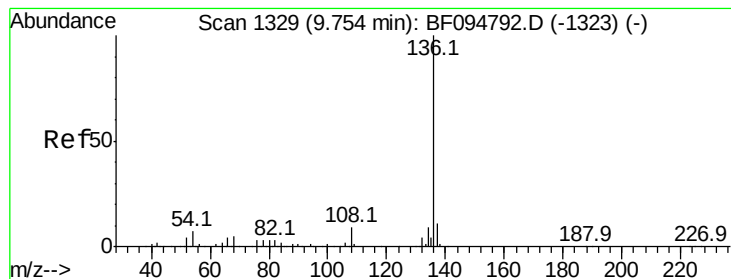
Tot Ion: 70 Resp: 174686
Ion Ratio Lower Upper
70 100
42 52.0 47.2 70.8
101 10.1 7.2 10.8
130 22.5 15.9 23.9



#20
3+4-Methylphenols
Concen: 42.48 ng
RT: 8.53 min Scan# 1121
Delta R.T. 0.05 min
Lab File: BF095159.D
Acq: 16 May 2017 16:39

Tgt Ion:107 Resp: 272219
Ion Ratio Lower Upper
107 100
108 84.3 71.0 111.0
77 28.3 90.5 130.5#
79 23.6 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.79 min Scan# 1335

Delta R.T. 0.04 min

Lab File: BF095159.D

Acq: 16 May 2017 16:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 391013

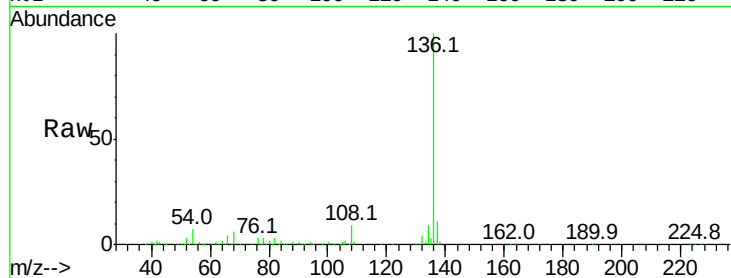
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.3 4.9 7.3#

68 6.0 4.1 6.1

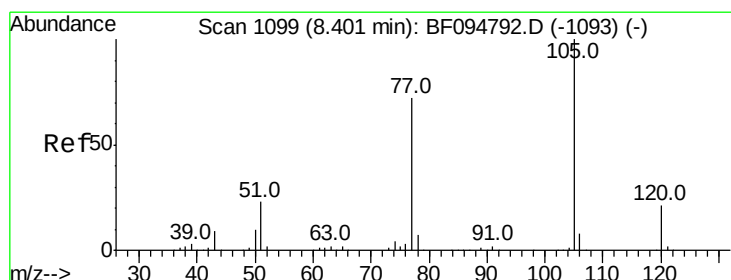
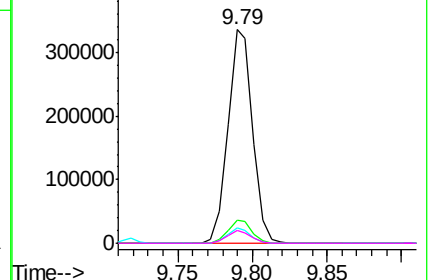
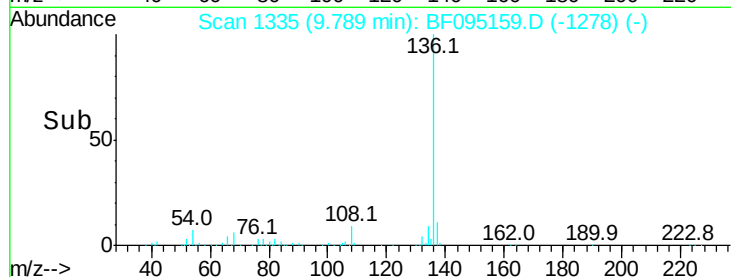


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.12 ng

RT: 8.45 min Scan# 1108

Delta R.T. 0.05 min

Lab File: BF095159.D

Acq: 16 May 2017 16:39

Tgt Ion:105 Resp: 348233

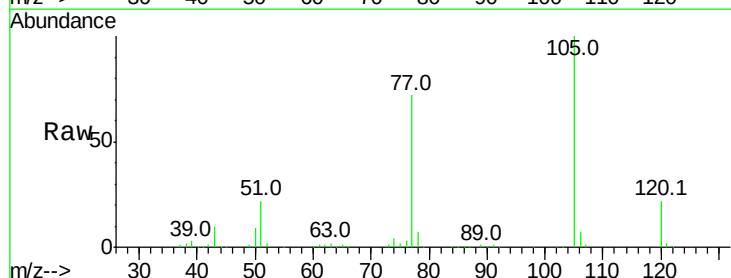
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 21.6 30.7 46.1#

120 21.5 17.4 26.0

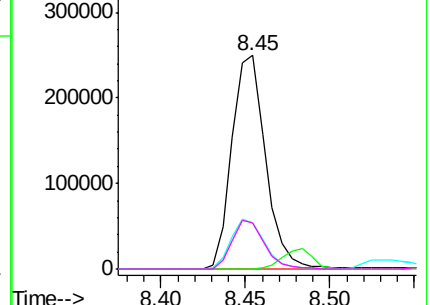
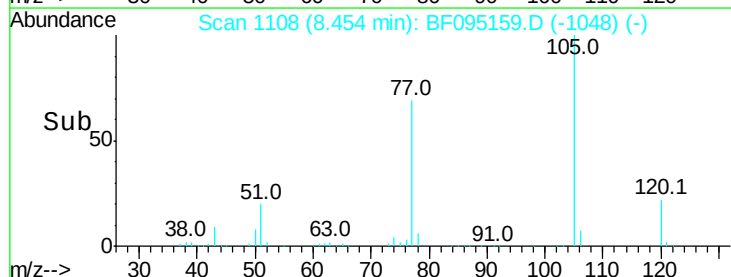


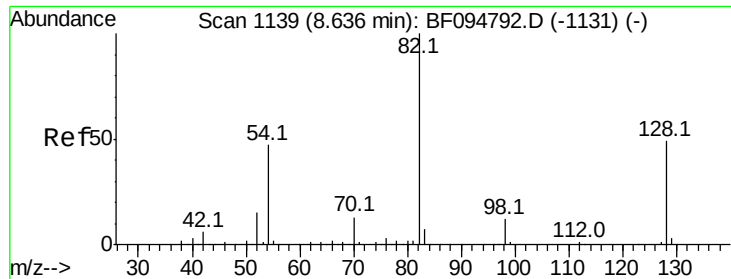
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

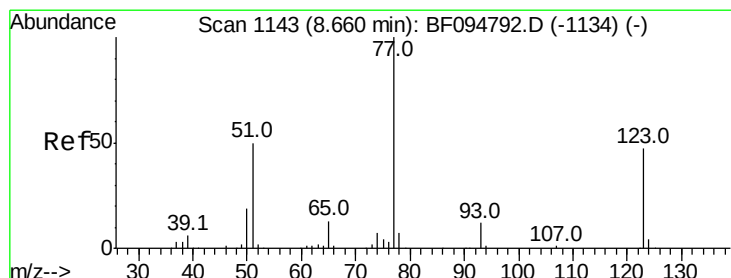
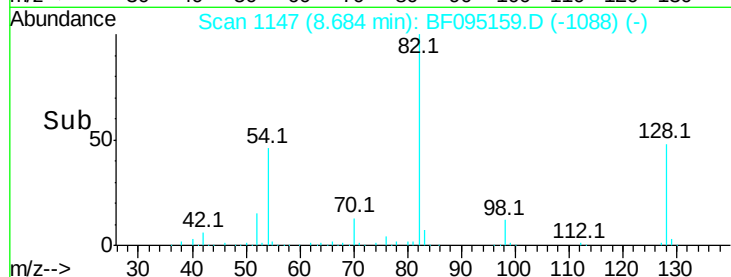
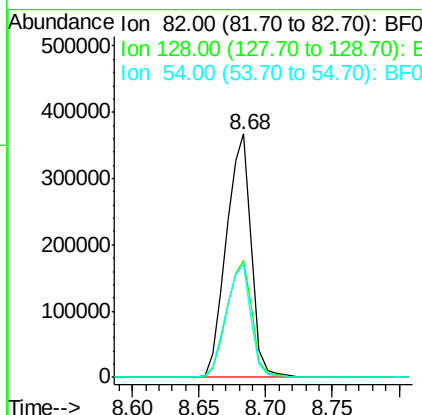
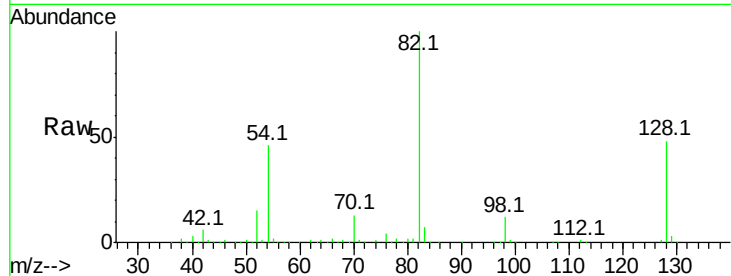




#23
 Nitrobenzene-d5
 Concen: 78.09 ng
 RT: 8.68 min Scan# 1147
 Delta R.T. 0.05 min
 Lab File: BF095159.D
 Acq: 16 May 2017 16:39

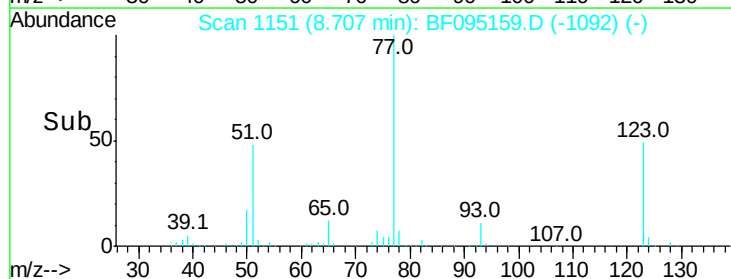
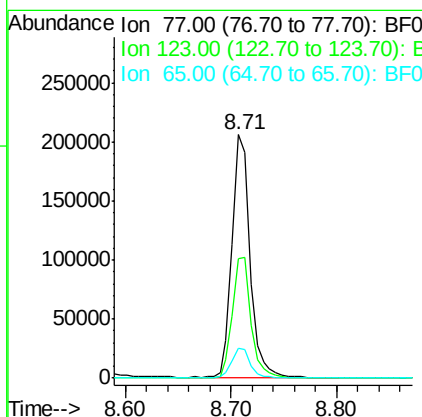
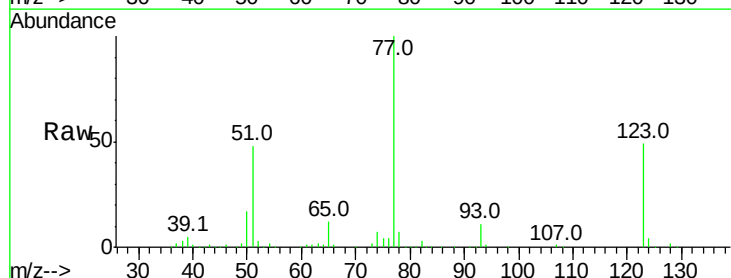
Instrument :
 BNA_F
 ClientSampled :

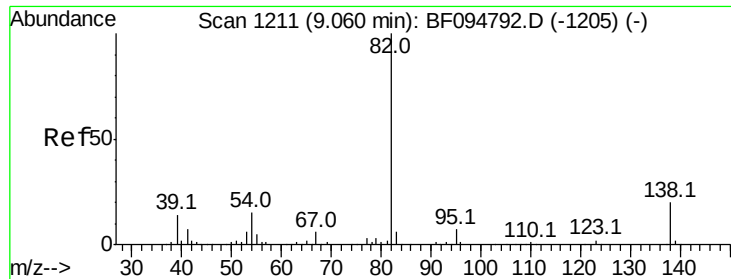
Tot Ion	82	Resp	484237
Ion Ratio	Lower	Upper	
82	100		
128	48.0	34.0	51.0
54	46.4	42.2	63.2



#24
 Nitrobenzene
 Concen: 37.21 ng
 RT: 8.71 min Scan# 1151
 Delta R.T. 0.05 min
 Lab File: BF095159.D
 Acq: 16 May 2017 16:39

Tgt Ion	77	Resp	241866
Ion Ratio	Lower	Upper	
77	100		
123	49.0	35.8	53.8
65	12.4	10.6	15.8





#25

Isophorone

Concen: 40.04 ng

RT: 9.11 min Scan# 1219

Delta R.T. 0.05 min

Lab File: BF095159.D

Acq: 16 May 2017 16:39

Instrument :

BNA_F

ClientSampleId :

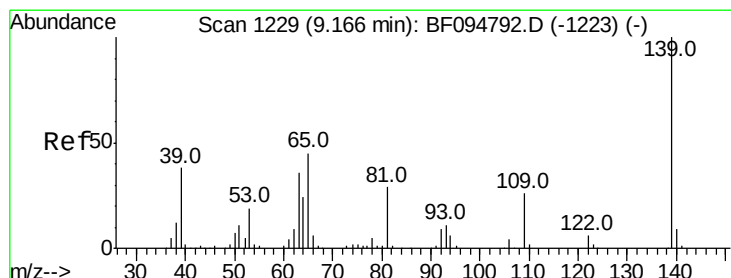
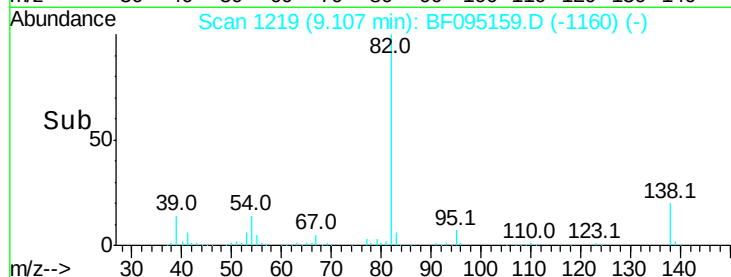
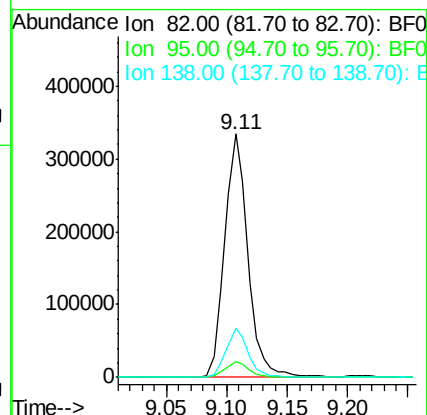
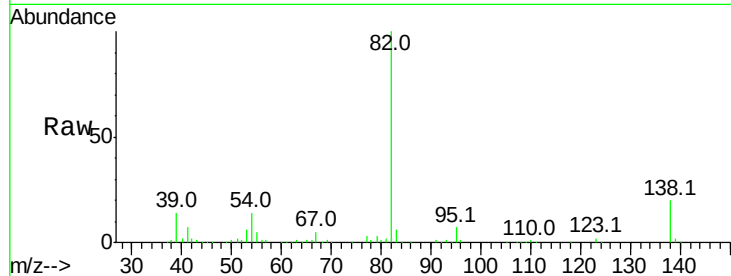
Tot Ion: 82 Resp: 443328

Ion Ratio Lower Upper

82 100

95 6.6 5.3 7.9

138 20.0 13.1 19.7#



#26

2-Nitrophenol

Concen: 40.50 ng

RT: 9.21 min Scan# 1237

Delta R.T. 0.05 min

Lab File: BF095159.D

Acq: 16 May 2017 16:39

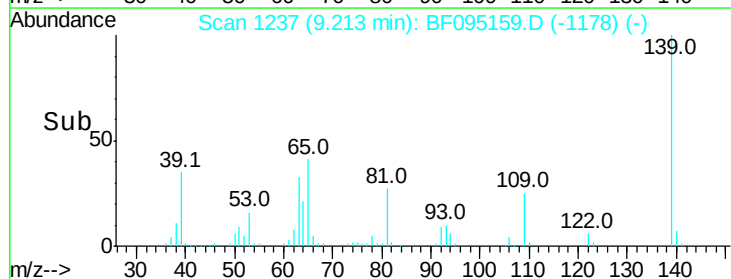
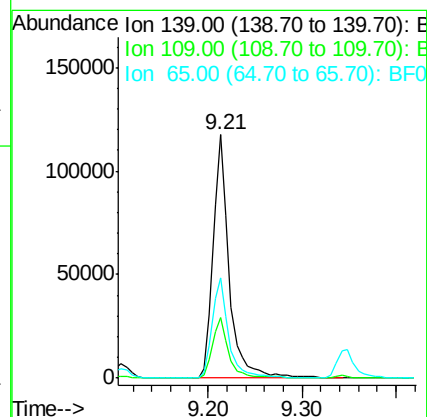
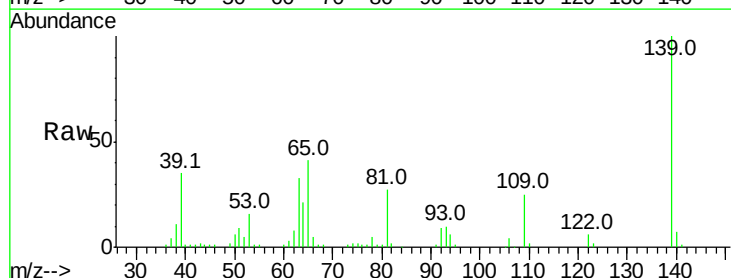
Tgt Ion:139 Resp: 142024

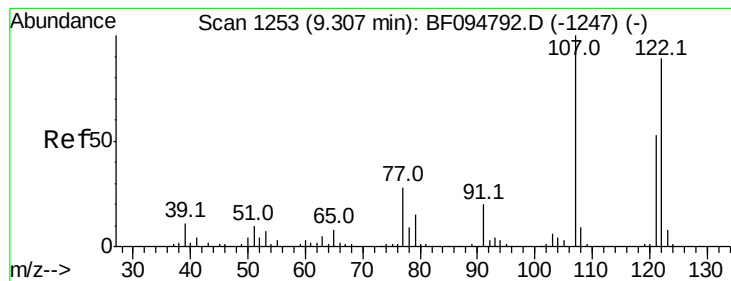
Ion Ratio Lower Upper

139 100

109 24.7 21.0 31.6

65 41.0 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 40.39 ng

RT: 9.35 min Scan# 1260

Delta R.T. 0.04 min

Lab File: BF095159.D

Acq: 16 May 2017 16:39

Instrument :

BNA_F

ClientSampled :

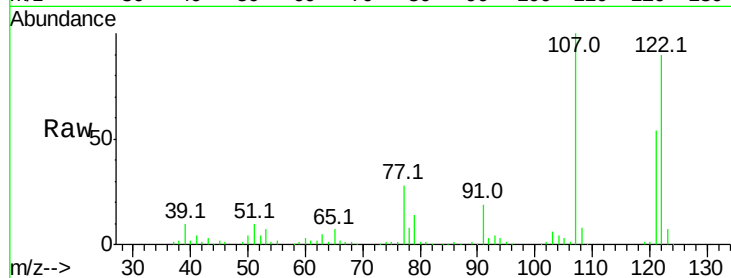
Tot Ion:122 Resp: 229005

Ion Ratio Lower Upper

122 100

107 111.6 89.2 133.8

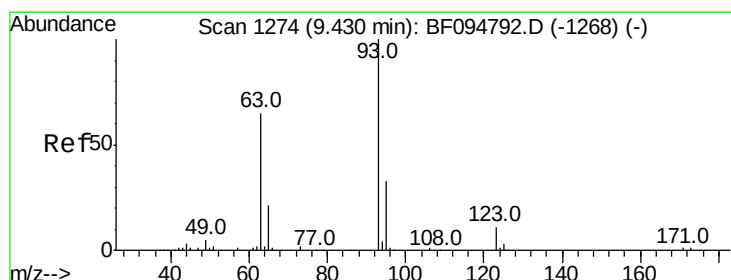
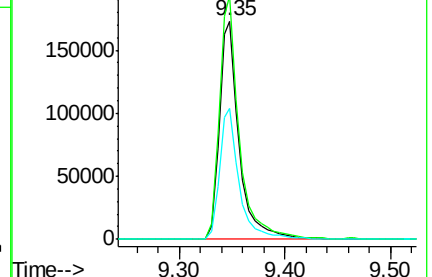
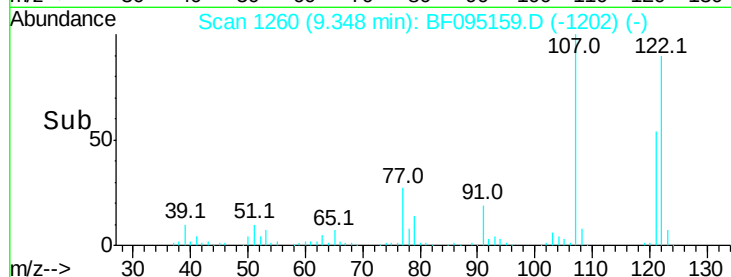
121 59.8 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.76 ng

RT: 9.47 min Scan# 1280

Delta R.T. 0.04 min

Lab File: BF095159.D

Acq: 16 May 2017 16:39

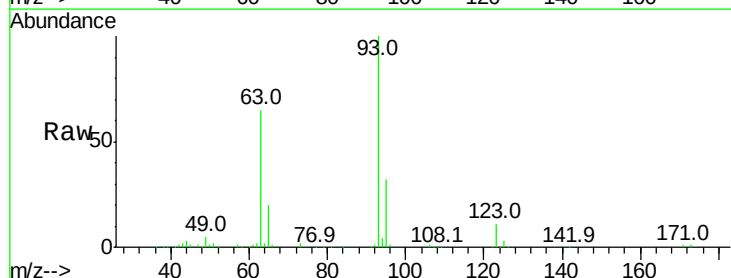
Tgt Ion: 93 Resp: 296896

Ion Ratio Lower Upper

93 100

95 32.0 26.5 39.7

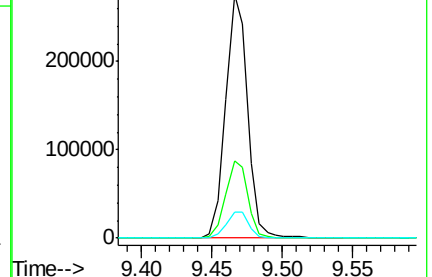
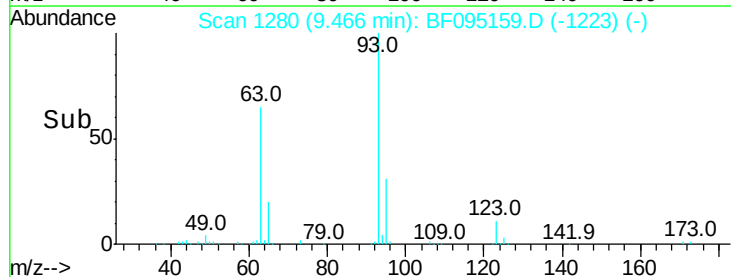
123 10.8 9.0 13.4

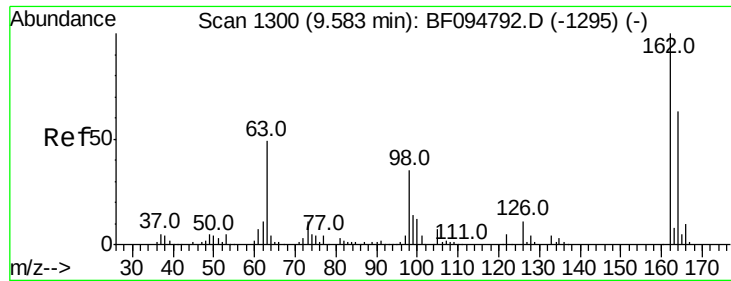


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

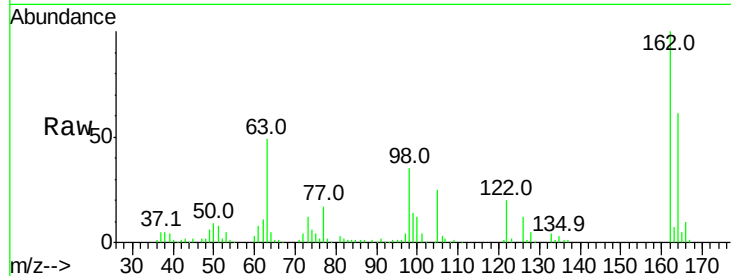




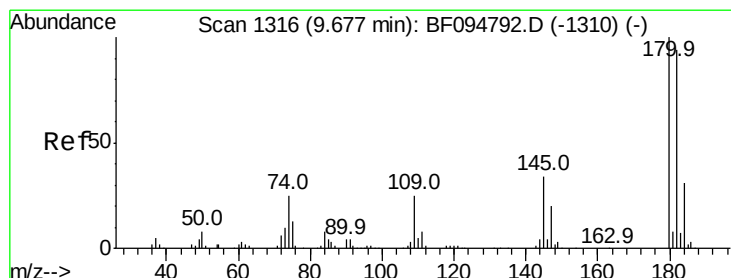
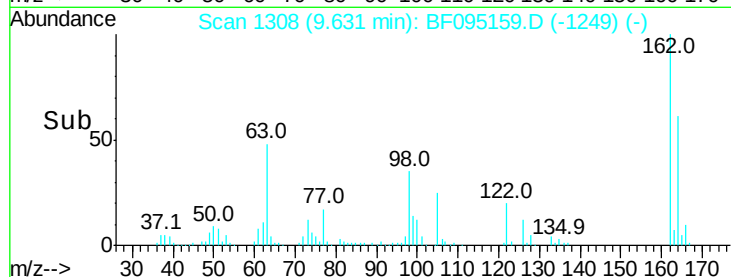
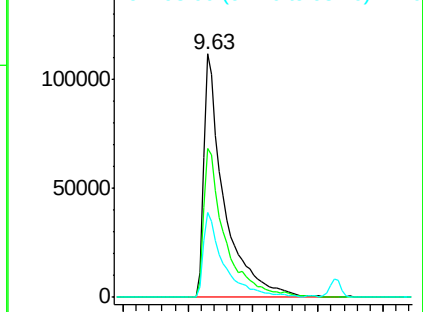
#29
 2,4-Dichlorophenol
 Concen: 45.07 ng
 RT: 9.63 min Scan# 1308
 Delta R.T. 0.05 min
 Lab File: BF095159.D
 Acq: 16 May 2017 16:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.3	44.6	84.6
98	34.8	14.8	54.8

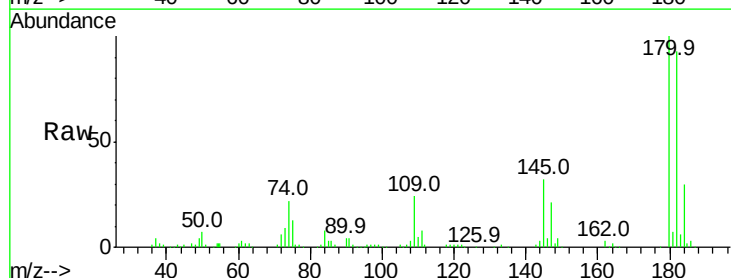


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

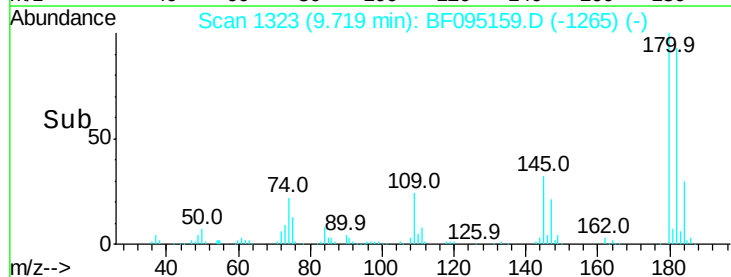
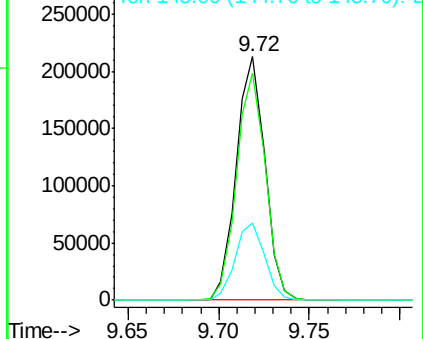


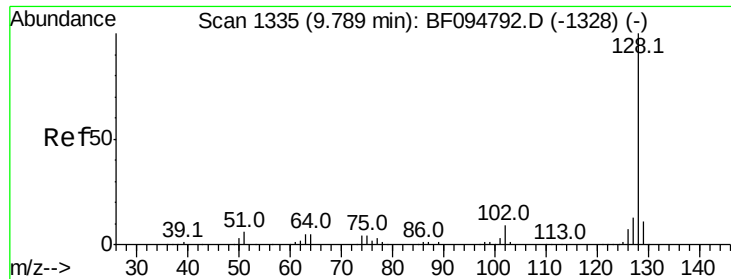
#30
 1,2,4-Trichlorobenzene
 Concen: 40.92 ng
 RT: 9.72 min Scan# 1323
 Delta R.T. 0.04 min
 Lab File: BF095159.D
 Acq: 16 May 2017 16:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	75.8	113.6
145	32.0	25.3	37.9



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

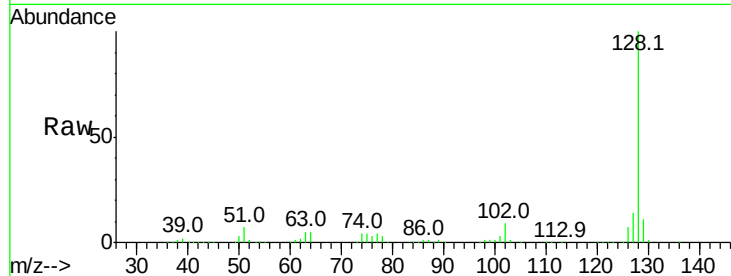




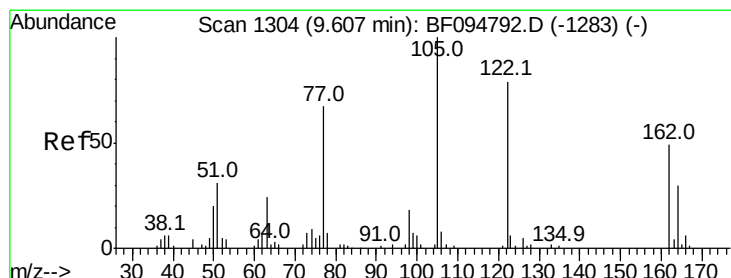
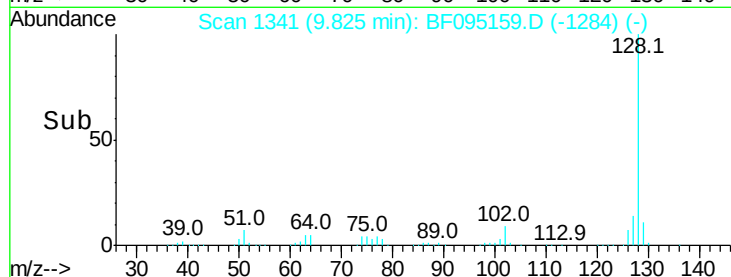
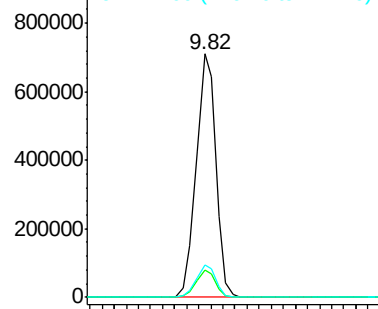
#31
Naphthalene
Concen: 40.56 ng
RT: 9.82 min Scan# 1341
Delta R.T. 0.04 min
Lab File: BF095159.D
Acq: 16 May 2017 16:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 797108
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.6 10.8 16.2

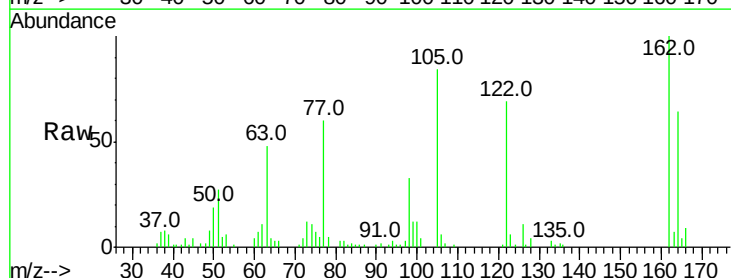


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

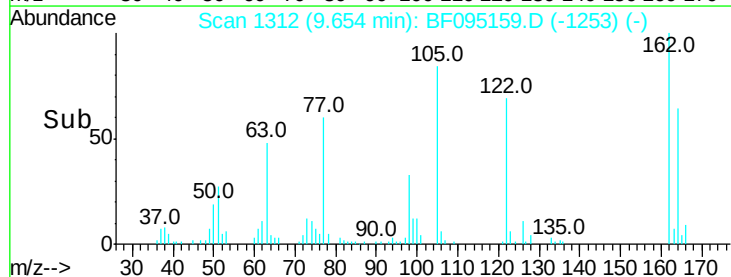
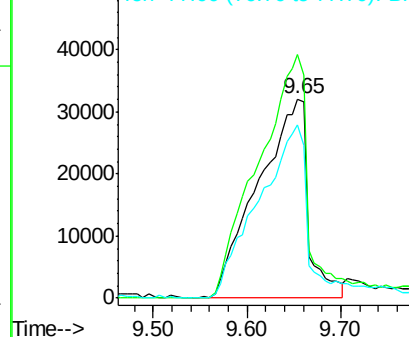


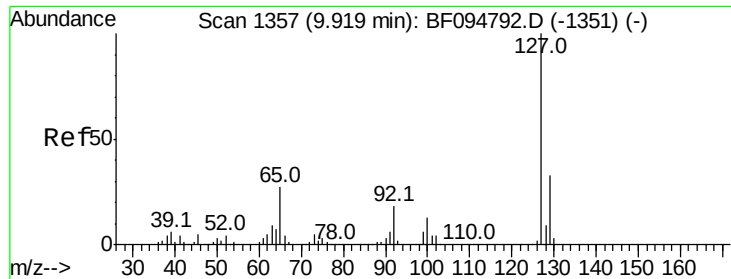
#32
Benzoic acid
Concen: 33.42 ng
RT: 9.65 min Scan# 1312
Delta R.T. 0.05 min
Lab File: BF095159.D
Acq: 16 May 2017 16:39

Tgt Ion:122 Resp: 118005
Ion Ratio Lower Upper
122 100
105 122.1 103.3 143.3
77 87.0 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

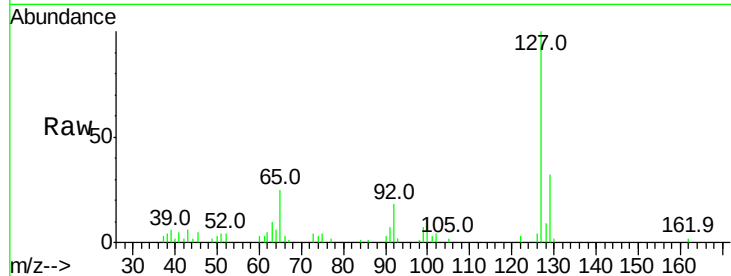




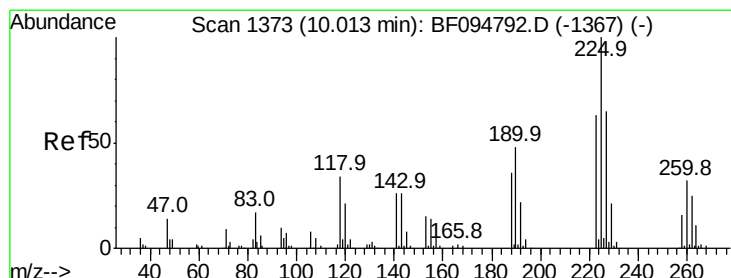
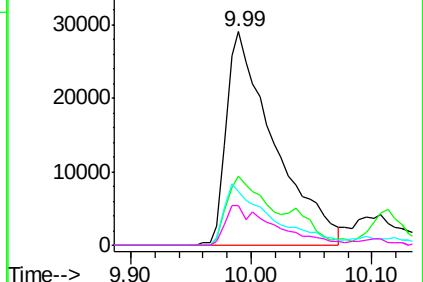
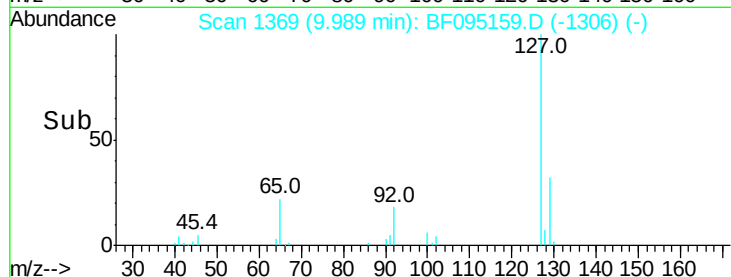
#33
4-Chloroaniline
Concen: 10.91 ng
RT: 9.99 min Scan# 1369
Delta R.T. 0.07 min
Lab File: BF095159.D
Acq: 16 May 2017 16:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	79868
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.2	39.2
65	25.2	27.8	41.8#
92	18.3	16.8	25.2

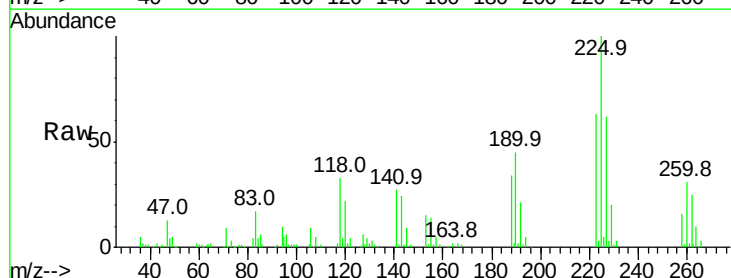


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

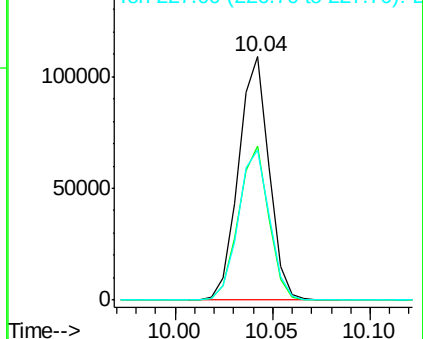
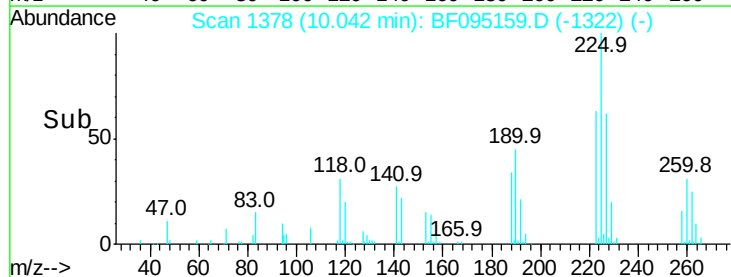


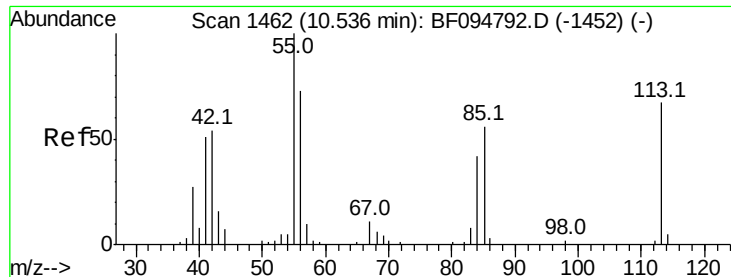
#34
Hexachlorobutadiene
Concen: 38.91 ng
RT: 10.04 min Scan# 1378
Delta R.T. 0.03 min
Lab File: BF095159.D
Acq: 16 May 2017 16:39

Tgt Ion:	225	Resp:	117772
Ion	Ratio	Lower	Upper
225	100		
223	63.1	48.8	73.2
227	61.9	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: 24.46 ng

RT: 10.61 min Scan# 1474

Delta R.T. 0.07 min

Lab File: BF095159.D

Acq: 16 May 2017 16:39

Instrument :

BNA_F

ClientSampled :

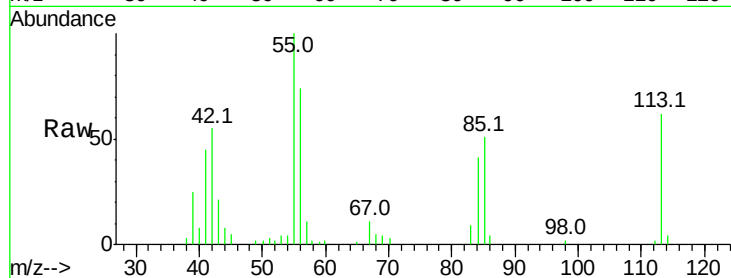
Tot Ion:113 Resp: 39318

Ion Ratio Lower Upper

113 100

55 160.5 150.2 190.2

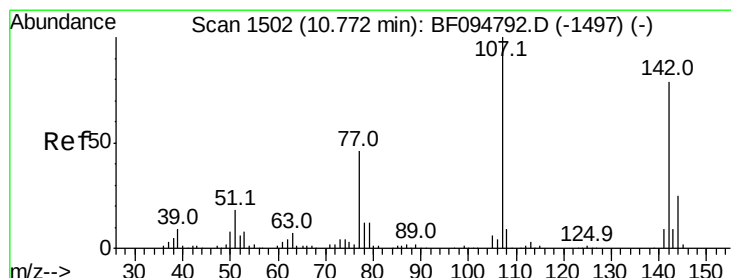
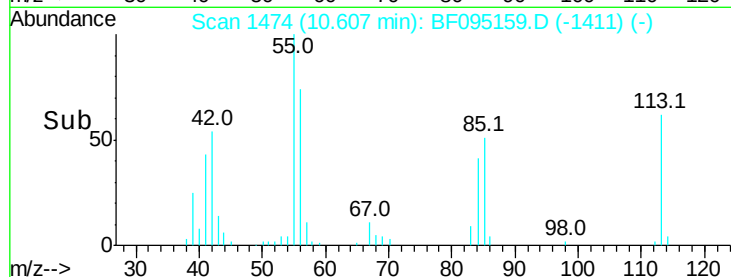
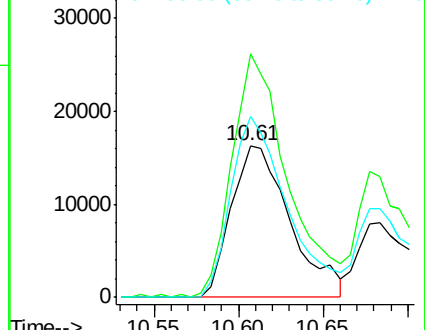
56 118.8 107.8 147.8



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: 44.87 ng

RT: 10.82 min Scan# 1510

Delta R.T. 0.05 min

Lab File: BF095159.D

Acq: 16 May 2017 16:39

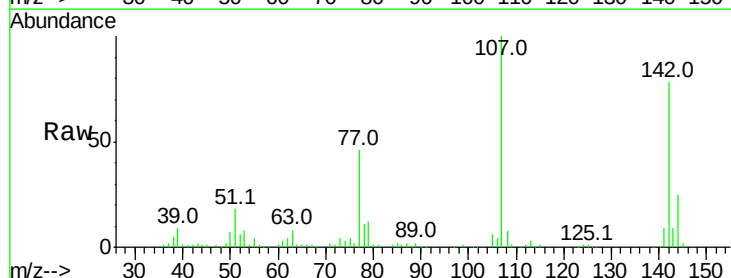
Tgt Ion:107 Resp: 256872

Ion Ratio Lower Upper

107 100

144 25.1 24.2 36.4

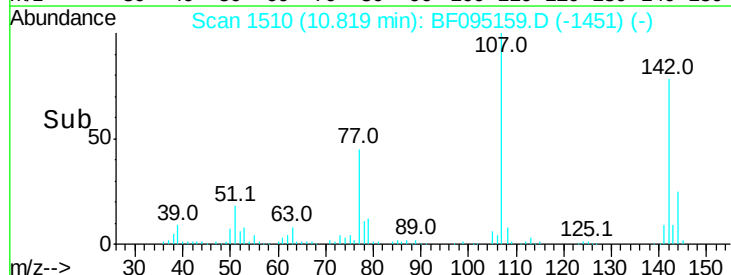
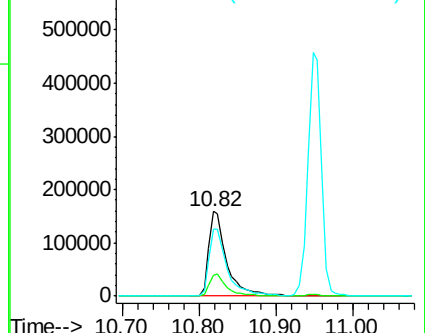
142 78.4 73.4 110.0

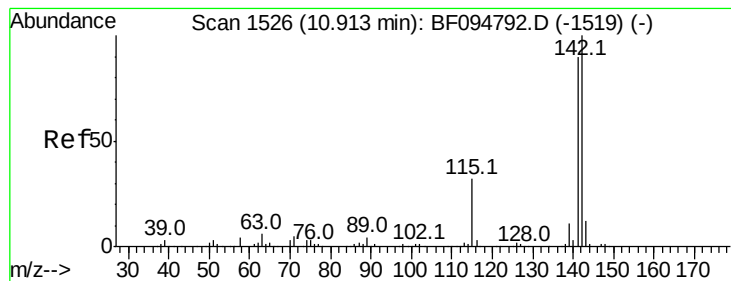


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.96 ng

RT: 10.95 min Scan# 1532

Delta R.T. 0.04 min

Lab File: BF095159.D

Acq: 16 May 2017 16:39

Instrument :

BNA_F

ClientSampleId :

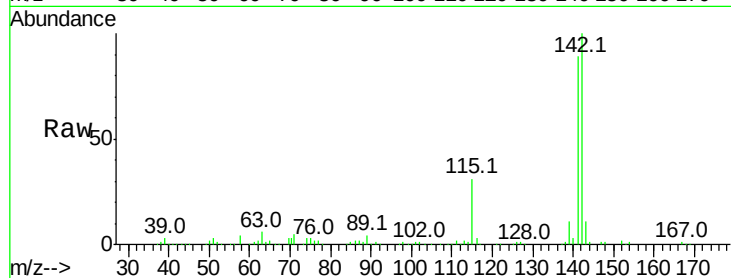
Tot Ion:142 Resp: 554069

Ion Ratio Lower Upper

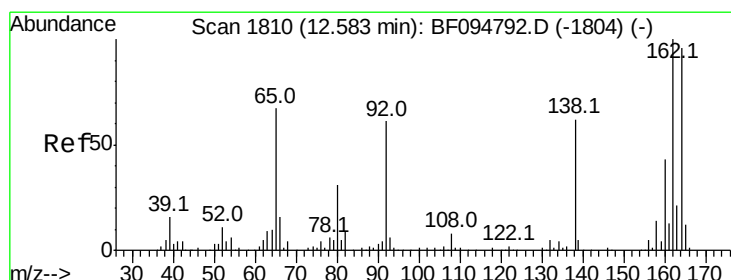
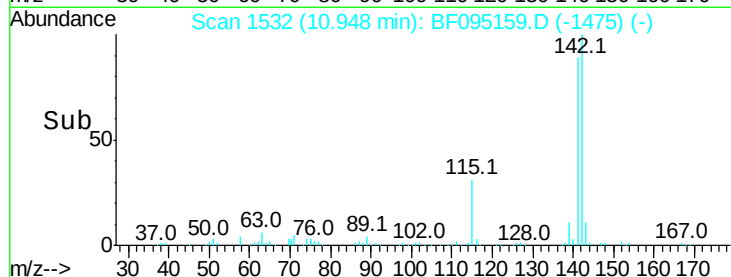
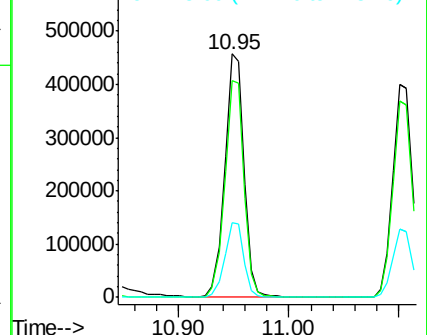
142 100

141 88.9 71.3 106.9

115 30.8 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.62 min Scan# 1817

Delta R.T. 0.04 min

Lab File: BF095159.D

Acq: 16 May 2017 16:39

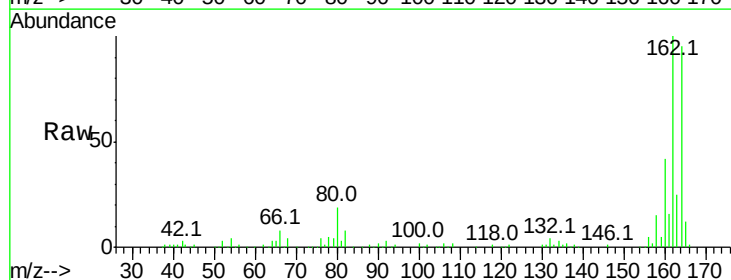
Tgt Ion:164 Resp: 181630

Ion Ratio Lower Upper

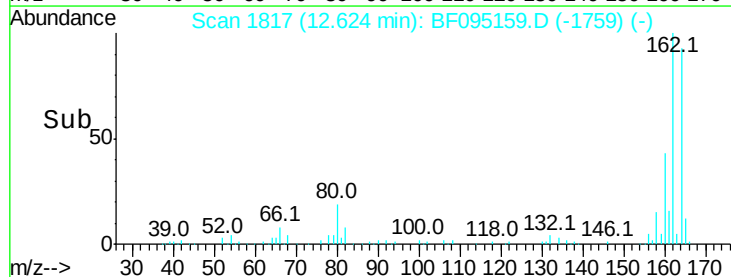
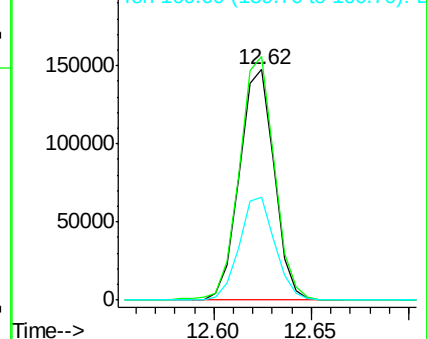
164 100

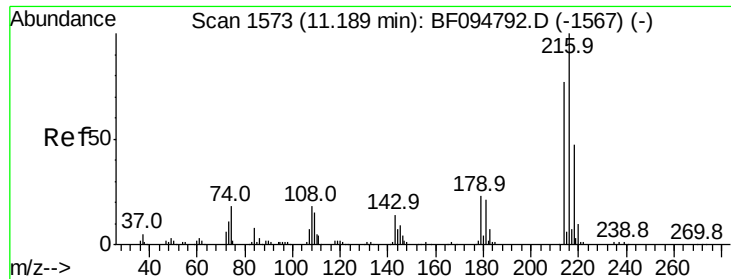
162 105.5 82.6 123.8

160 44.8 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

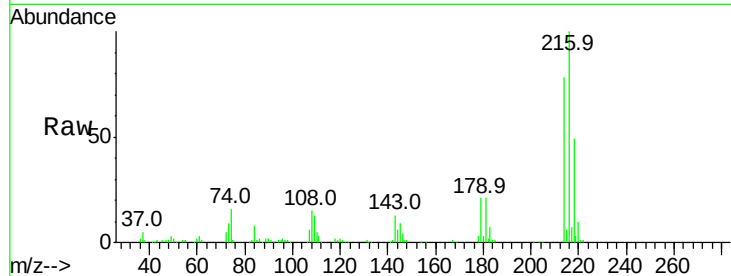




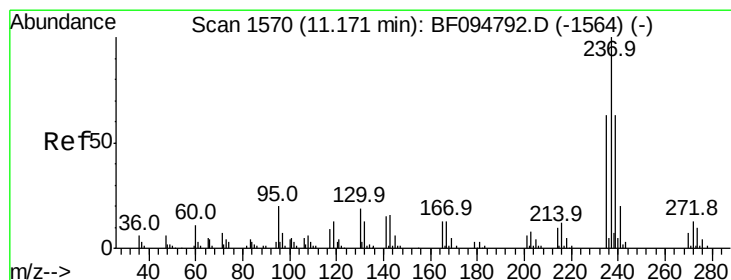
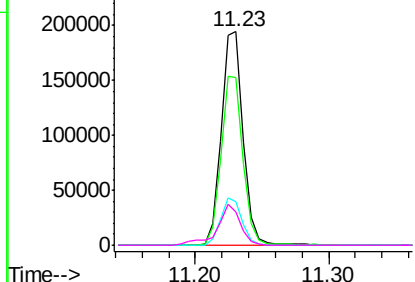
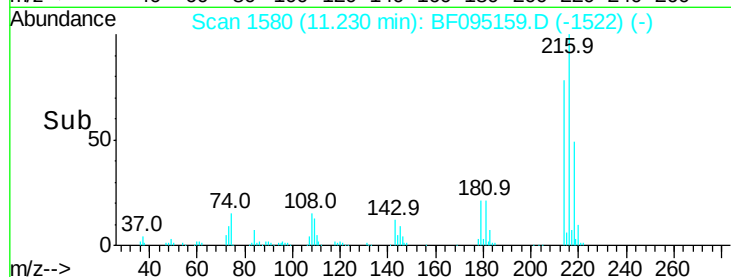
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.06 ng
 RT: 11.23 min Scan# 1580
 Delta R.T. 0.04 min
 Lab File: BF095159.D
 Acq: 16 May 2017 16:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	223771
Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.4	95.2
179	22.0	17.9	26.9
108	20.2	16.5	24.7

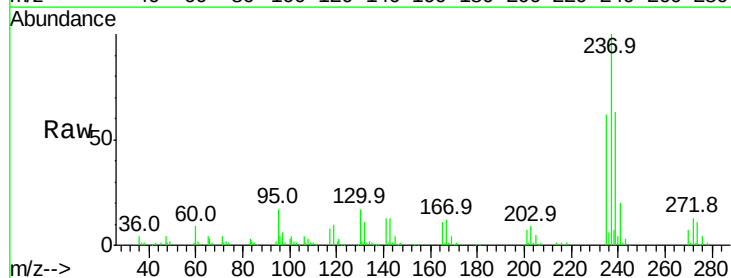


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

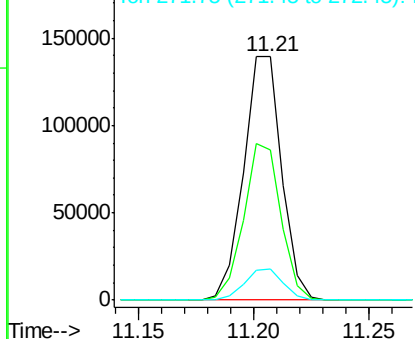
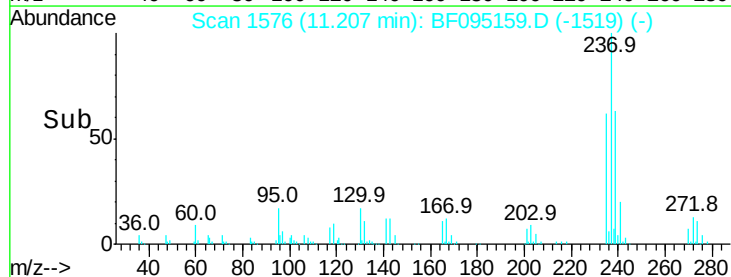


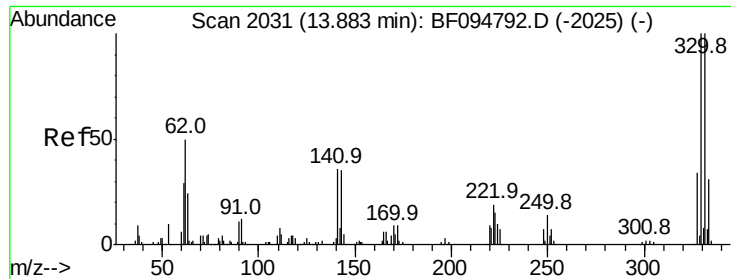
#40
 Hexachlorocyclopentadiene
 Concen: 69.30 ng
 RT: 11.21 min Scan# 1576
 Delta R.T. 0.04 min
 Lab File: BF095159.D
 Acq: 16 May 2017 16:39

Tgt Ion:	237	Resp:	160663
Ion	Ratio	Lower	Upper
237	100		
235	61.8	42.6	82.6
272	12.9	0.0	31.9



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

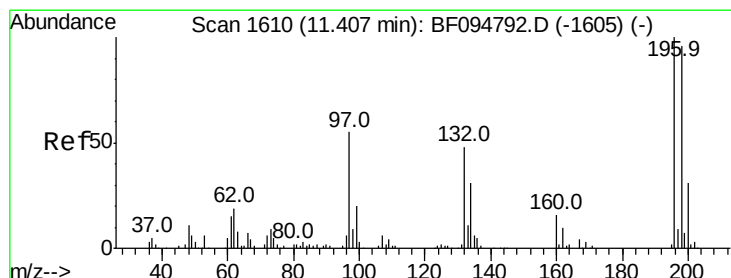
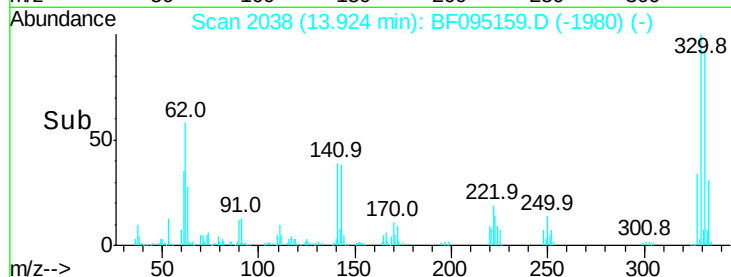
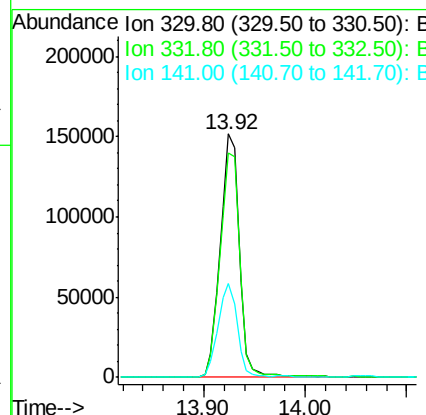
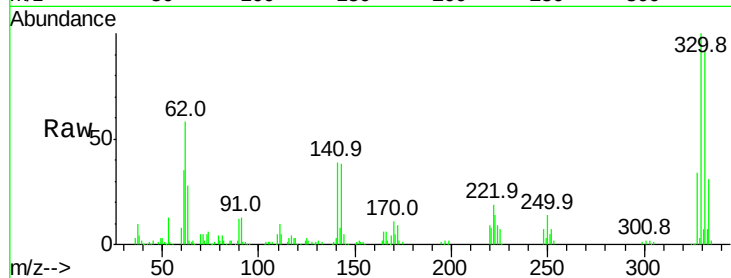




#41
 2,4,6-Tribromophenol
 Concen: 134.76 ng
 RT: 13.92 min Scan# 2038
 Delta R.T. 0.04 min
 Lab File: BF095159.D
 Acq: 16 May 2017 16:39

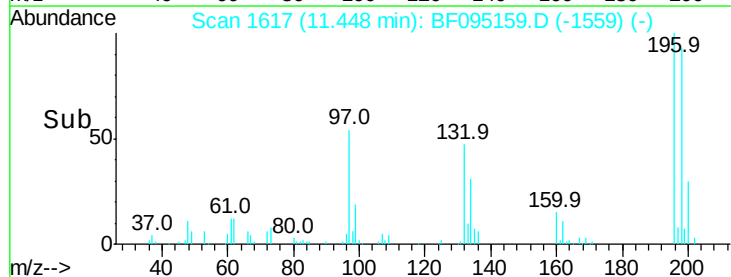
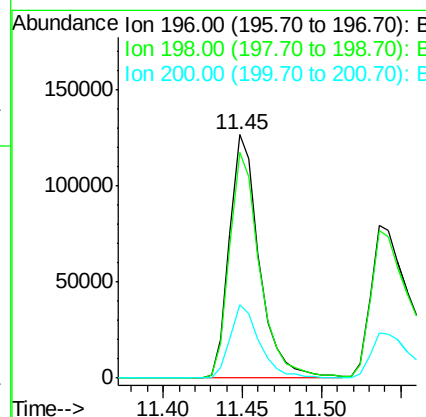
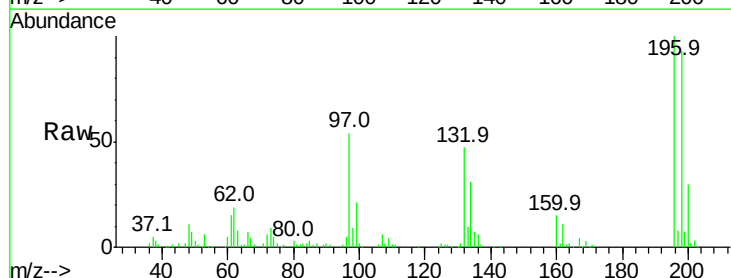
Instrument :
 BNA_F
 ClientSampleId :

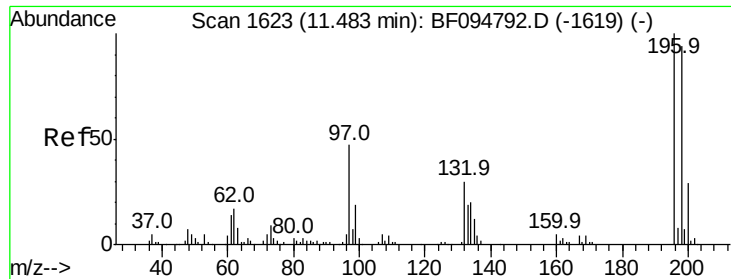
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.6	115.0
141	38.4	31.4	47.2



#42
 2,4,6-Trichlorophenol
 Concen: 44.26 ng
 RT: 11.45 min Scan# 1617
 Delta R.T. 0.04 min
 Lab File: BF095159.D
 Acq: 16 May 2017 16:39

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.9	74.2	111.4
200	30.1	24.0	36.0

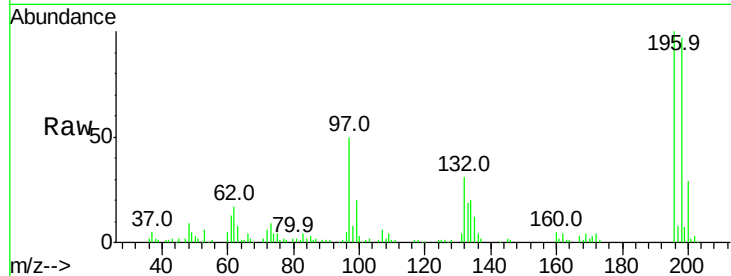




#43
2,4,5-Trichlorophenol
Concen: 39.46 ng
RT: 11.54 min Scan# 1632
Delta R.T. 0.05 min
Lab File: BF095159.D
Acq: 16 May 2017 16:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Resp	Lower	Upper
196	100	158154		
198	96.8		75.7	113.5
97	50.0		47.7	71.5
132	31.3		28.0	42.0



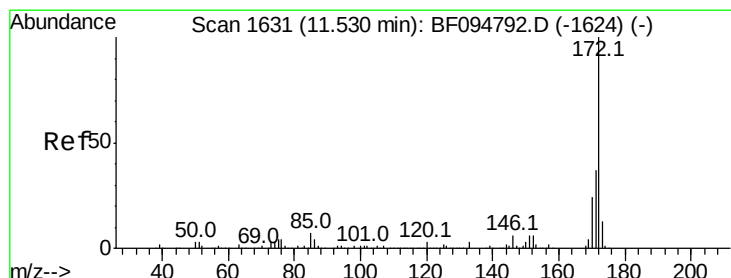
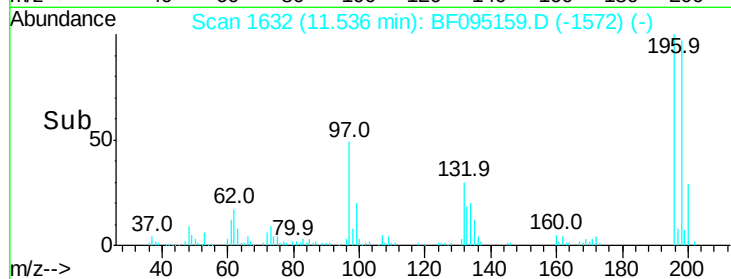
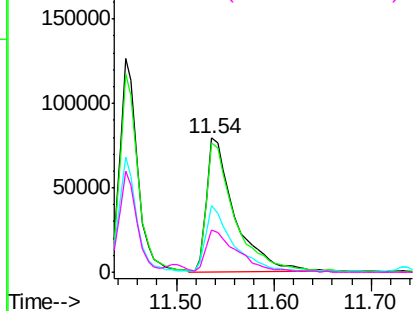
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

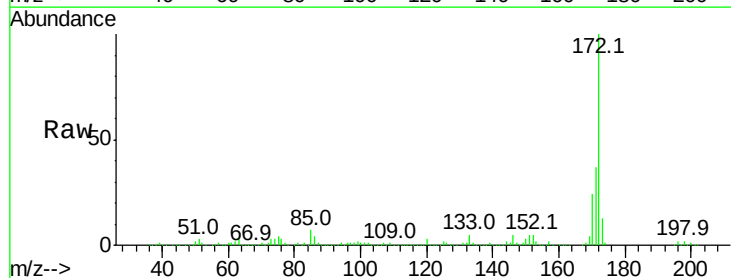
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 87.16 ng
RT: 11.57 min Scan# 1637
Delta R.T. 0.04 min
Lab File: BF095159.D
Acq: 16 May 2017 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1099814		
171	36.6		29.6	44.4
170	24.1		19.8	29.8

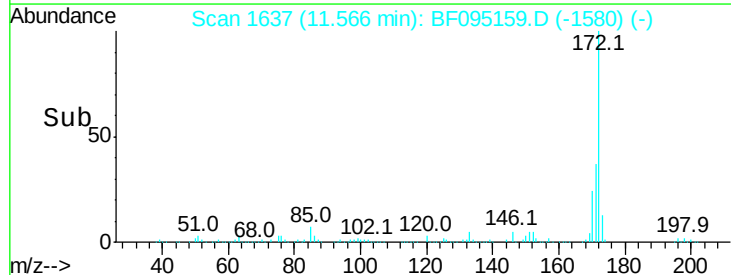
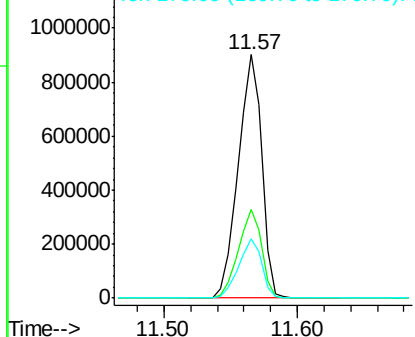


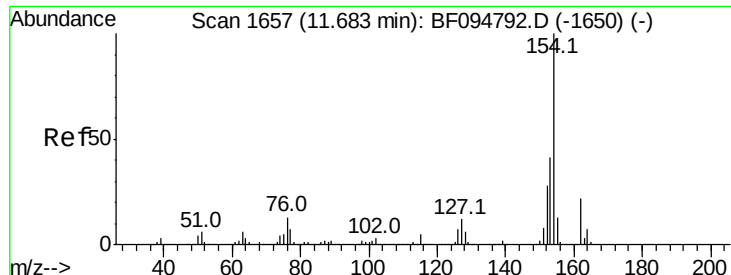
Abundance

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: 38.86 ng

RT: 11.72 min Scan# 1663

Delta R.T. 0.04 min

Lab File: BF095159.D

Acq: 16 May 2017 16:39

Instrument :

BNA_F

ClientSampleId :

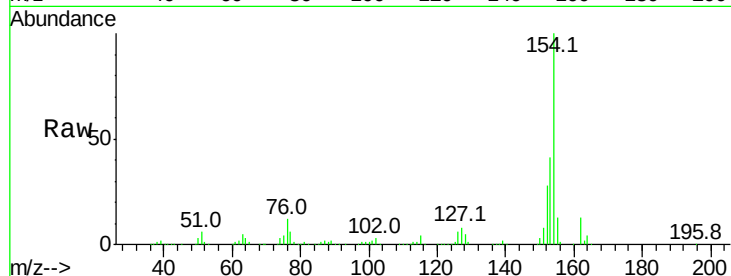
Tot Ion:154 Resp: 594270

Ion Ratio Lower Upper

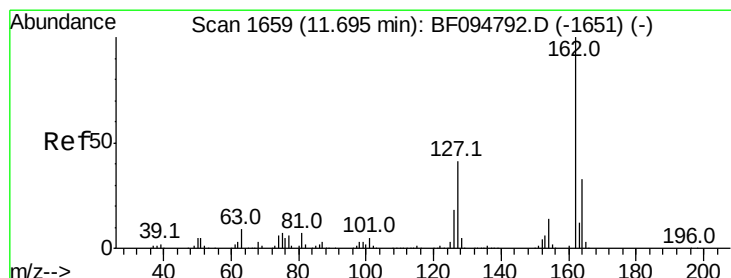
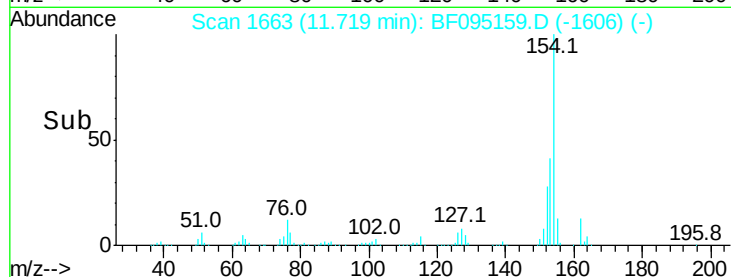
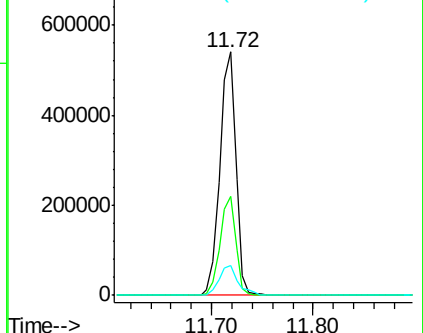
154 100

153 40.6 21.2 61.2

76 12.3 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: 37.67 ng

RT: 11.74 min Scan# 1666

Delta R.T. 0.04 min

Lab File: BF095159.D

Acq: 16 May 2017 16:39

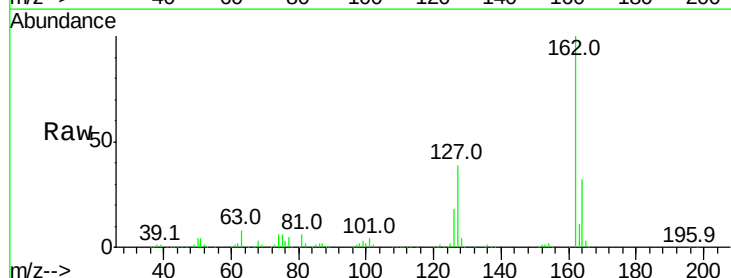
Tgt Ion:162 Resp: 465200

Ion Ratio Lower Upper

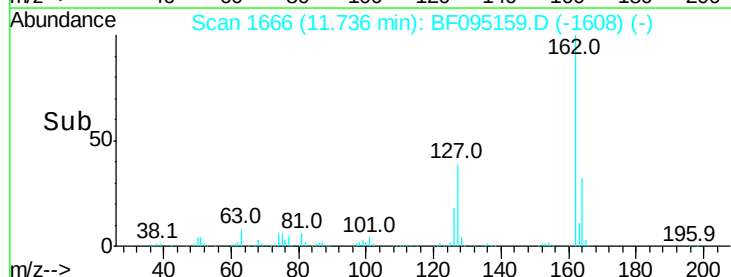
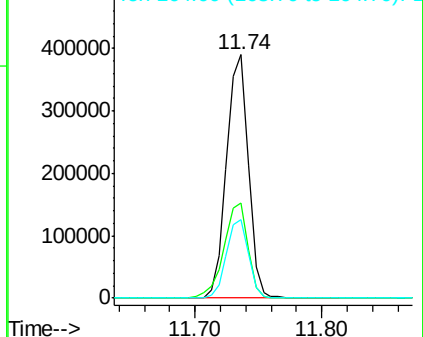
162 100

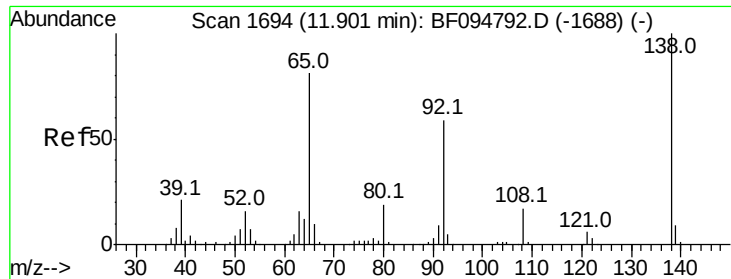
127 39.2 28.3 42.5

164 32.2 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

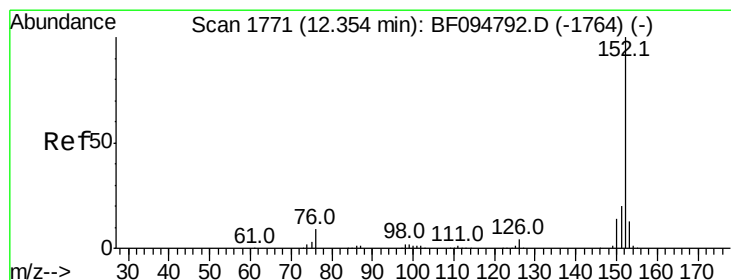
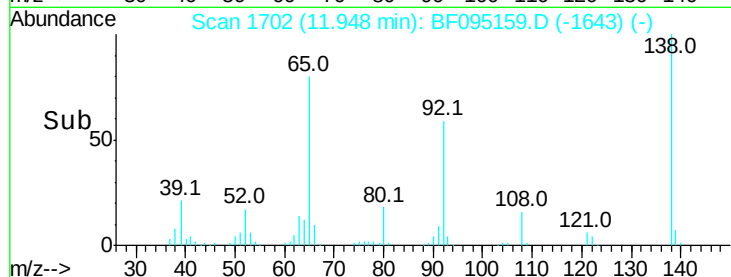
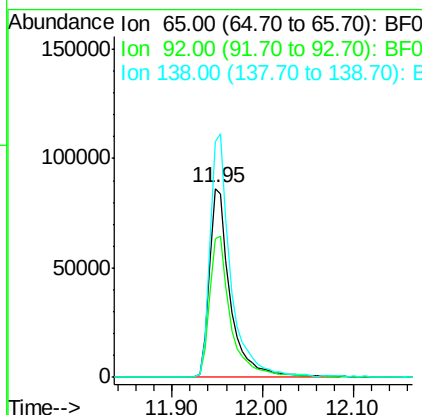
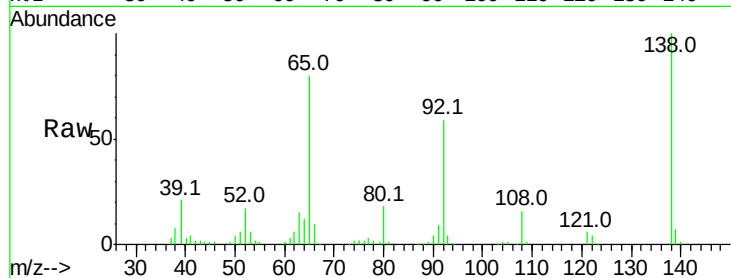




#47
 2-Nitroaniline
 Concen: 41.46 ng
 RT: 11.95 min Scan# 1702
 Delta R.T. 0.05 min
 Lab File: BF095159.D
 Acq: 16 May 2017 16:39

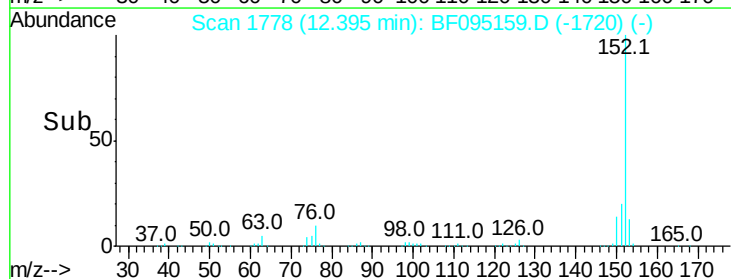
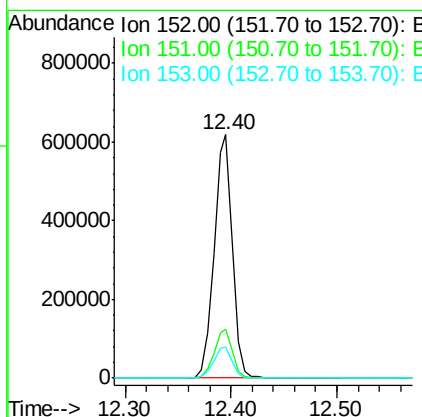
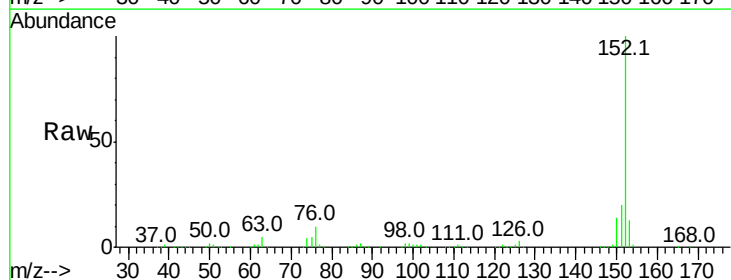
Instrument :
 BNA_F
 ClientSampleId :

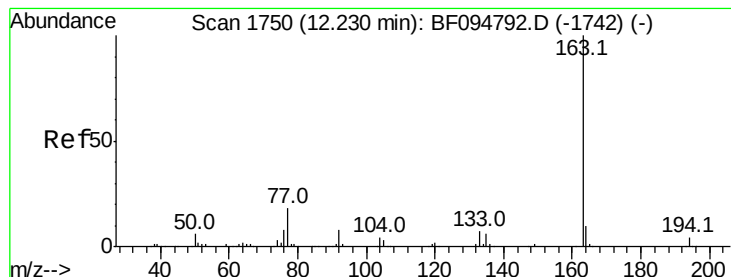
Tot Ion: 65 Resp: 140132
 Ion Ratio Lower Upper
 65 100
 92 73.3 53.9 80.9
 138 125.0 78.8 118.2#



#48
 Acenaphthylene
 Concen: 38.96 ng
 RT: 12.40 min Scan# 1778
 Delta R.T. 0.04 min
 Lab File: BF095159.D
 Acq: 16 May 2017 16:39

Tgt Ion: 152 Resp: 753536
 Ion Ratio Lower Upper
 152 100
 151 20.2 16.8 25.2
 153 12.8 10.8 16.2





#49

Dimethylphthalate

Concen: 41.40 ng

RT: 12.27 min Scan# 1756

Delta R.T. 0.04 min

Lab File: BF095159.D

Acq: 16 May 2017 16:39

Instrument :

BNA_F

ClientSampleId :

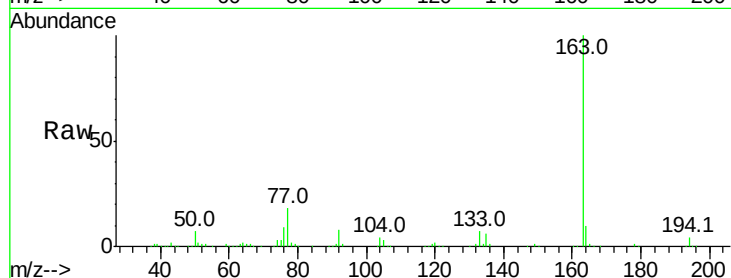
Tot Ion:163 Resp: 617327

Ion Ratio Lower Upper

163 100

194 3.7 2.6 4.0

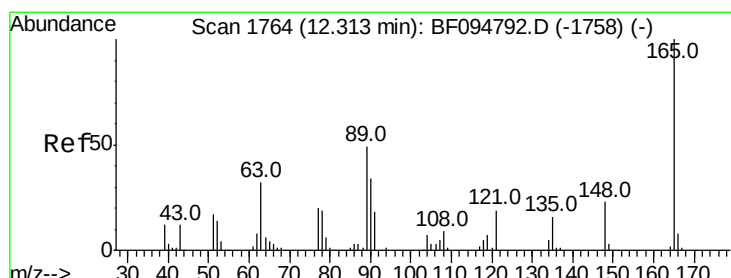
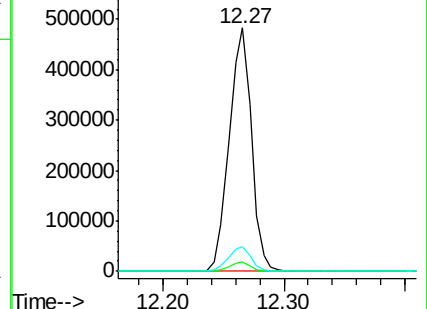
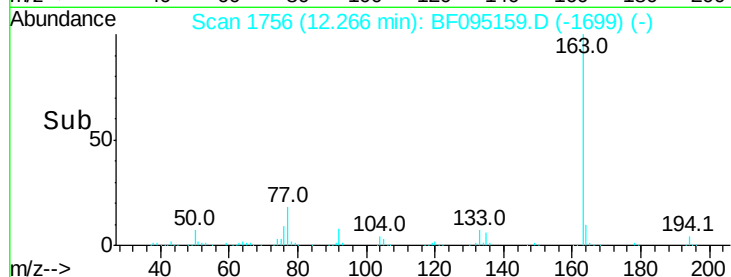
164 10.2 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 44.62 ng

RT: 12.36 min Scan# 1772

Delta R.T. 0.05 min

Lab File: BF095159.D

Acq: 16 May 2017 16:39

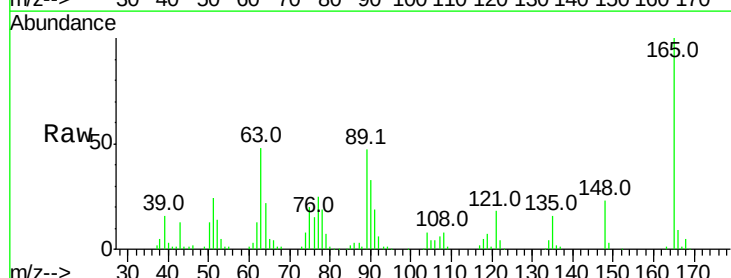
Tgt Ion:165 Resp: 135735

Ion Ratio Lower Upper

165 100

63 47.5 34.3 51.5

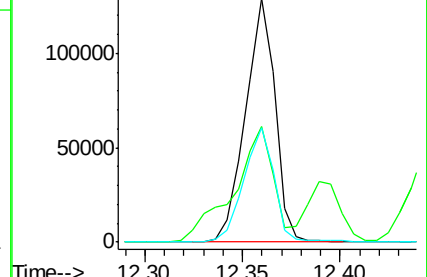
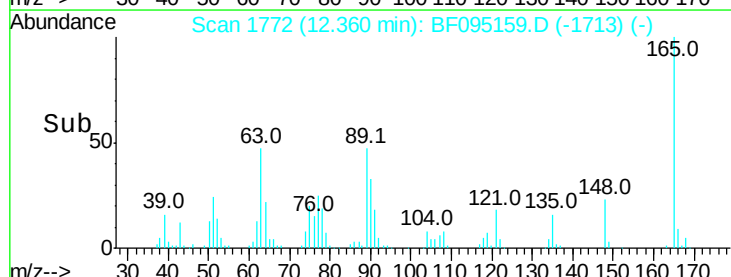
89 46.8 37.1 55.7

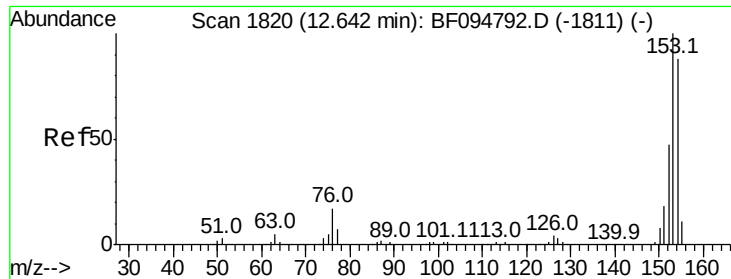


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.42 ng

RT: 12.68 min Scan# 1826

Delta R.T. 0.04 min

Lab File: BF095159.D

Acq: 16 May 2017 16:39

Instrument :

BNA_F

ClientSampleId :

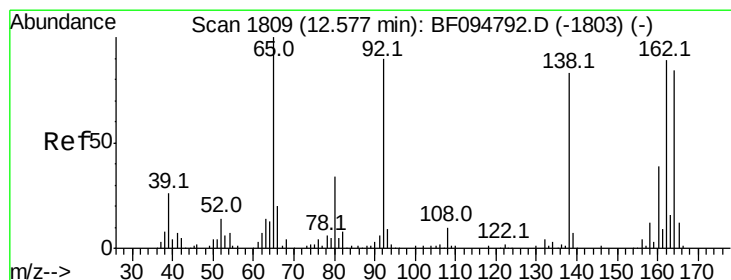
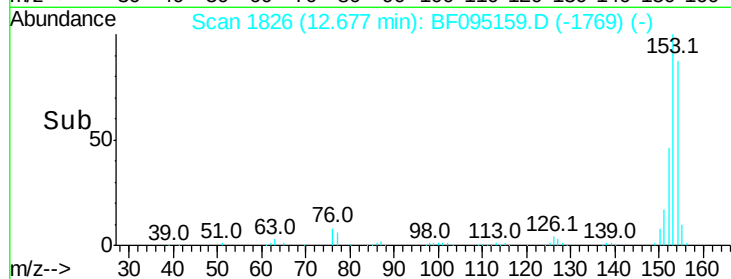
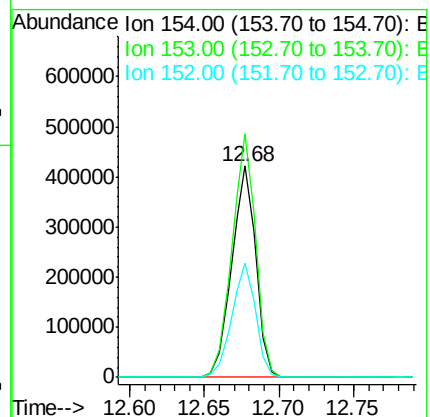
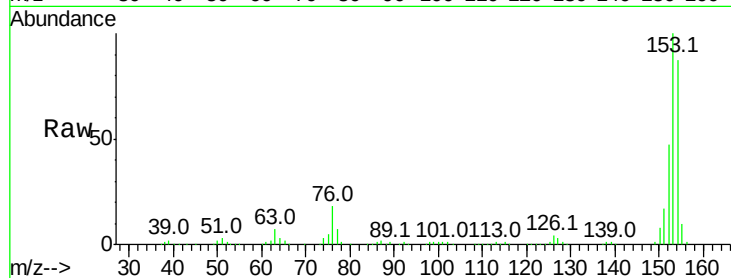
Tot Ion:154 Resp: 478476

Ion Ratio Lower Upper

154 100

153 115.2 90.5 135.7

152 53.9 43.6 65.4



#52

3-Nitroaniline

Concen: 19.73 ng

RT: 12.64 min Scan# 1819

Delta R.T. 0.06 min

Lab File: BF095159.D

Acq: 16 May 2017 16:39

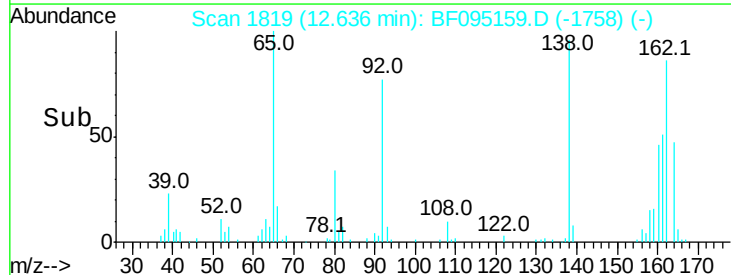
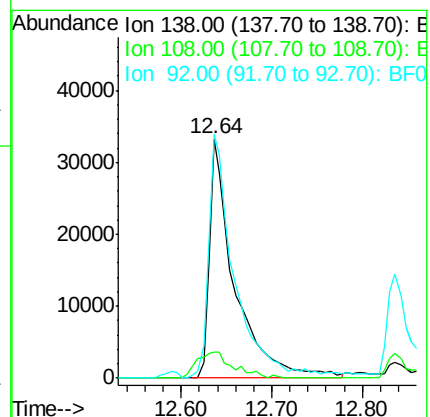
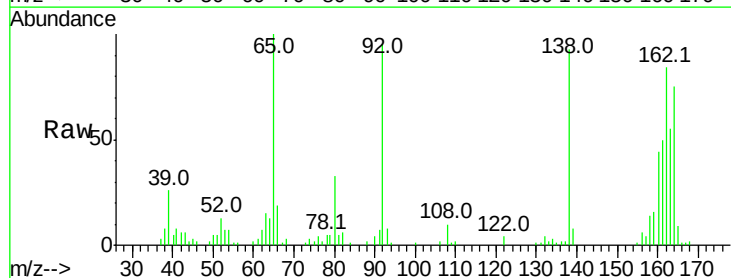
Tgt Ion:138 Resp: 64421

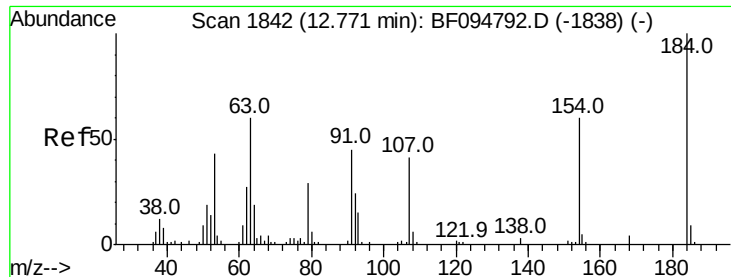
Ion Ratio Lower Upper

138 100

108 10.7 9.1 13.7

92 102.0 93.8 140.6

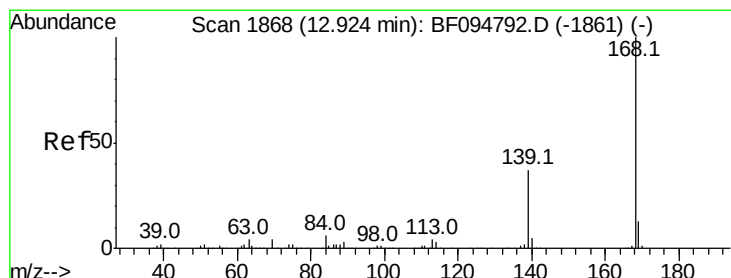
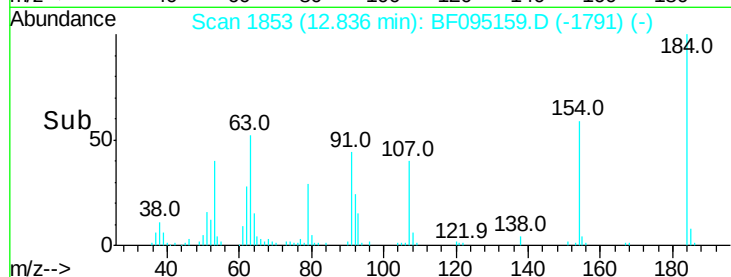
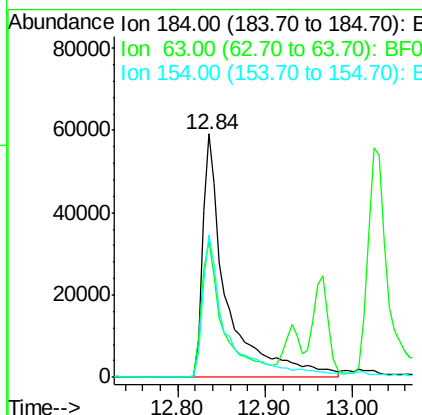
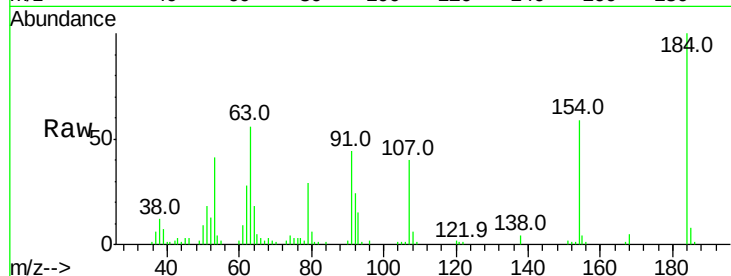




#53
 2,4-Dinitrophenol
 Concen: 67.98 ng
 RT: 12.84 min Scan# 1853
 Delta R.T. 0.06 min
 Lab File: BF095159.D
 Acq: 16 May 2017 16:39

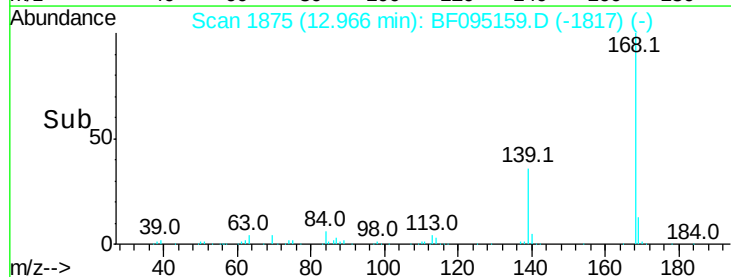
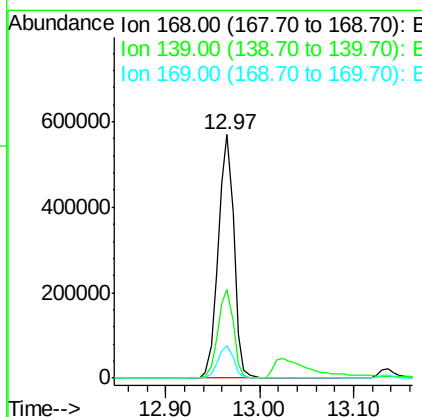
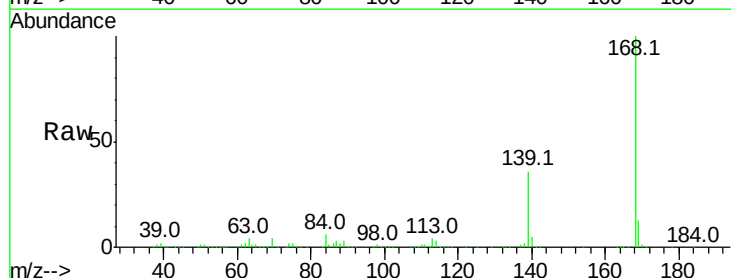
Instrument :
 BNA_F
 ClientSampleId :

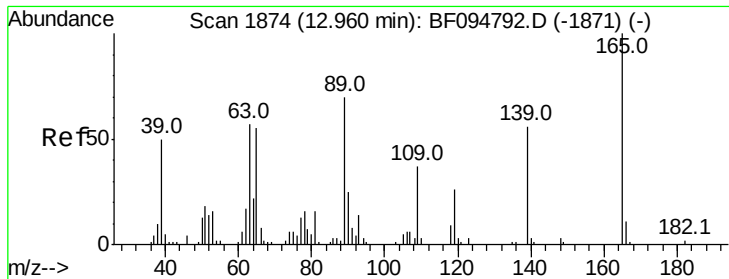
Tot Ion:184 Resp: 112199
 Ion Ratio Lower Upper
 184 100
 63 56.0 62.7 94.1#
 154 58.5 81.1 121.7#



#54
 Dibenzofuran
 Concen: 41.70 ng
 RT: 12.97 min Scan# 1875
 Delta R.T. 0.04 min
 Lab File: BF095159.D
 Acq: 16 May 2017 16:39

Tgt Ion:168 Resp: 666525
 Ion Ratio Lower Upper
 168 100
 139 36.3 30.6 45.8
 169 13.2 10.8 16.2

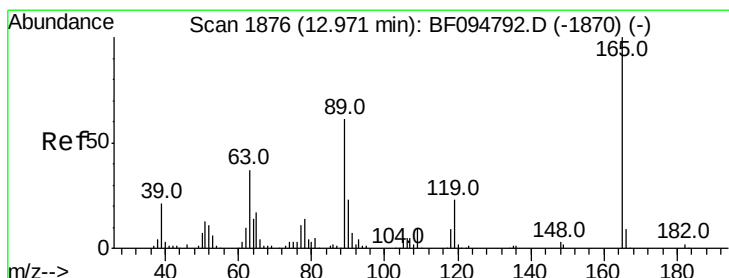
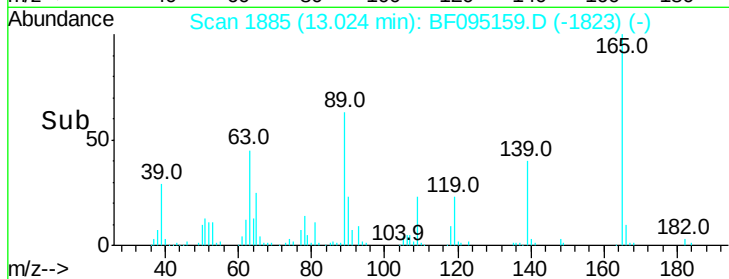
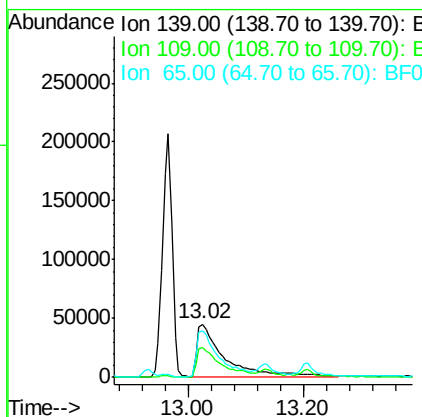
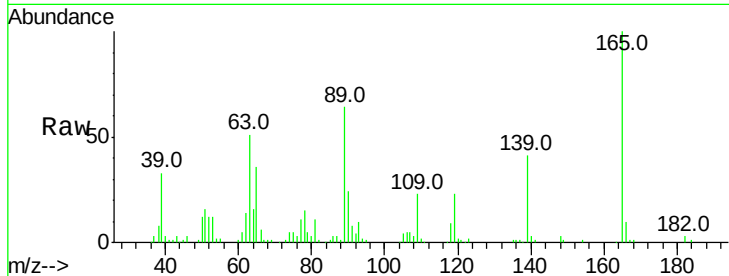




#55
4-Nitrophenol
Concen: 75.19 ng
RT: 13.02 min Scan# 1885
Delta R.T. 0.06 min
Lab File: BF095159.D
Acq: 16 May 2017 16:39

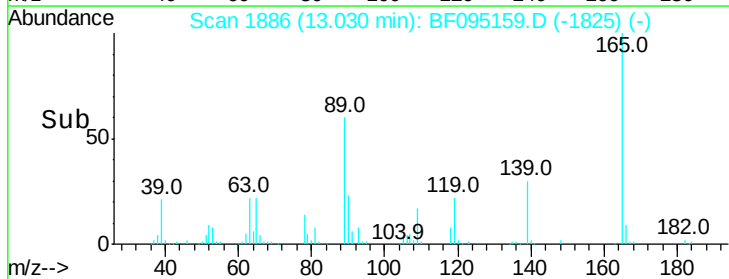
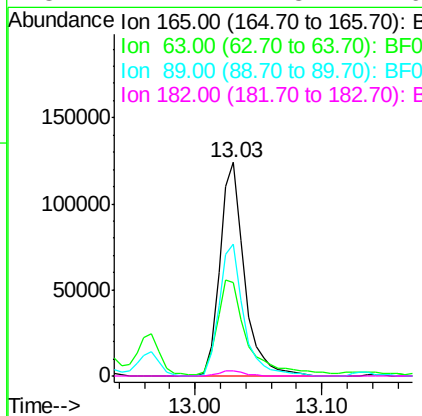
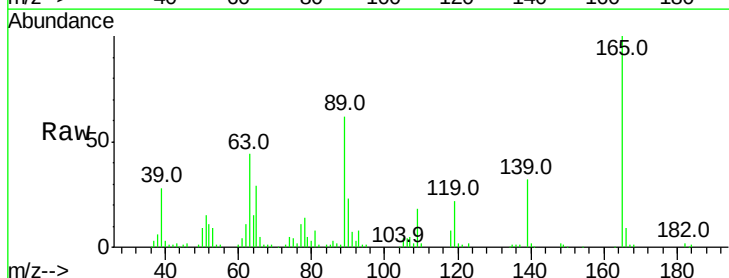
Instrument :
BNA_F
ClientSampled :

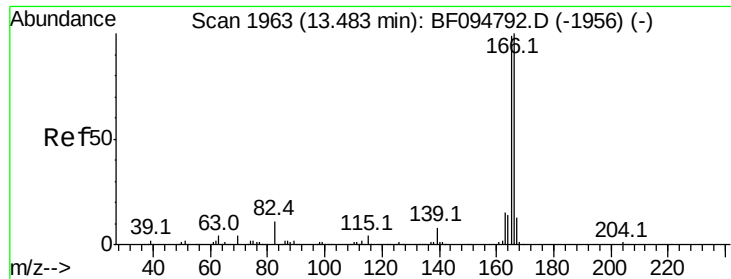
Tot Ion:139 Resp: 147454
Ion Ratio Lower Upper
139 100
109 55.7 34.1 74.1
65 86.4 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 42.64 ng
RT: 13.03 min Scan# 1886
Delta R.T. 0.06 min
Lab File: BF095159.D
Acq: 16 May 2017 16:39

Tgt Ion:165 Resp: 166661
Ion Ratio Lower Upper
165 100
63 43.6 25.4 38.0#
89 62.0 46.4 69.6
182 2.4 1.8 2.6

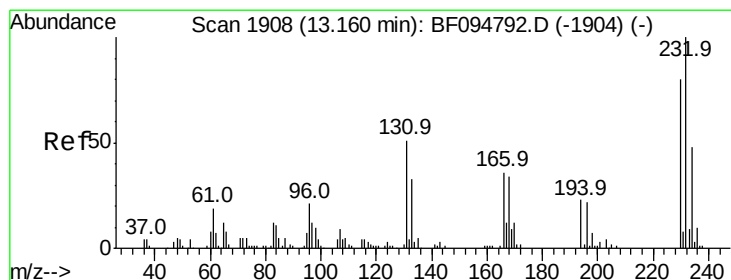
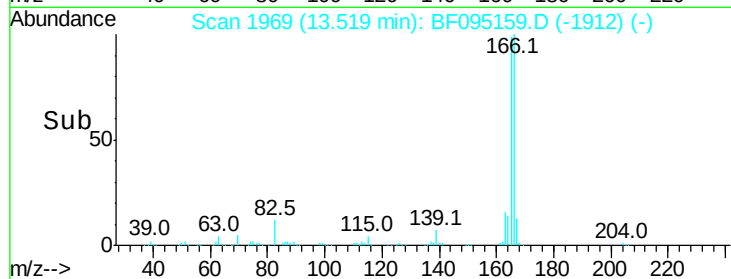
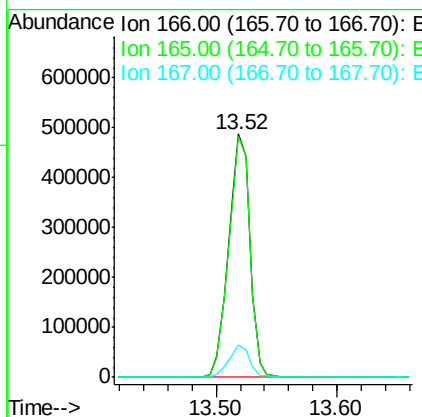
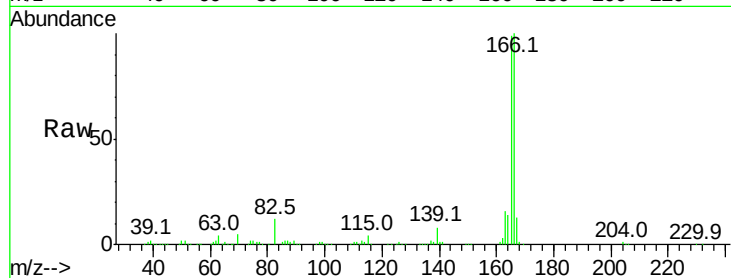




#57
 Fluorene
 Concen: 43.03 ng
 RT: 13.52 min Scan# 1969
 Delta R.T. 0.04 min
 Lab File: BF095159.D
 Acq: 16 May 2017 16:39

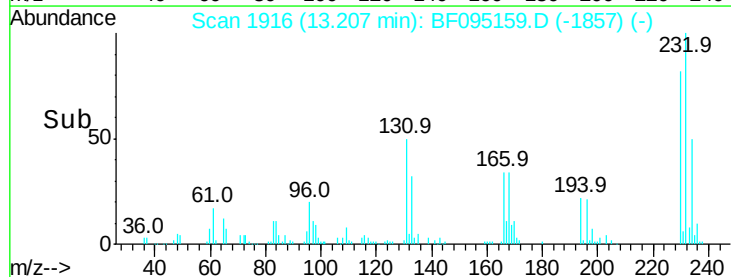
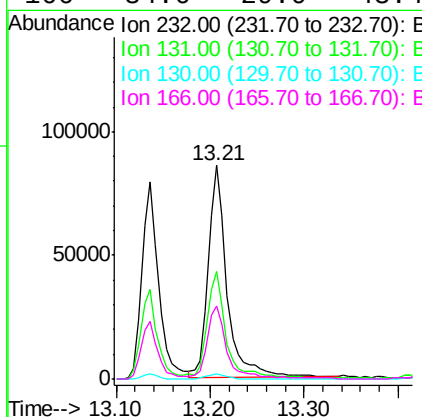
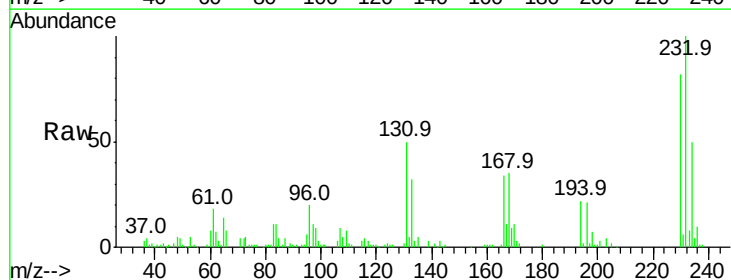
Instrument :
 BNA_F
 ClientSampleId :

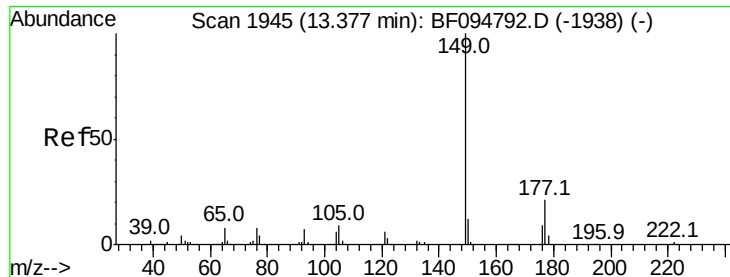
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.0	78.8	118.2
167	13.2	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.47 ng
 RT: 13.21 min Scan# 1916
 Delta R.T. 0.05 min
 Lab File: BF095159.D
 Acq: 16 May 2017 16:39

Tgt Ion	Ratio	Lower	Upper
232	100		
131	50.4	44.8	67.2
130	2.2	2.3	3.5
166	34.6	29.0	43.4

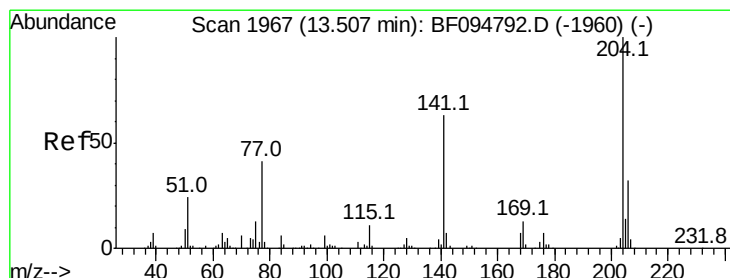
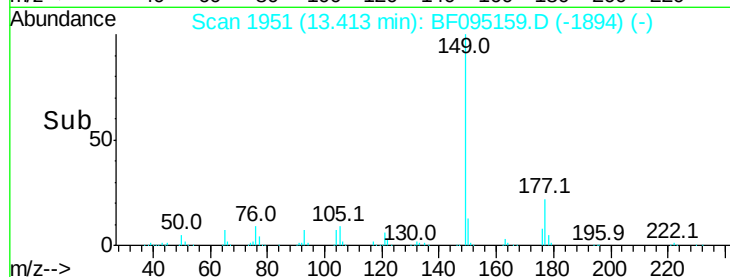
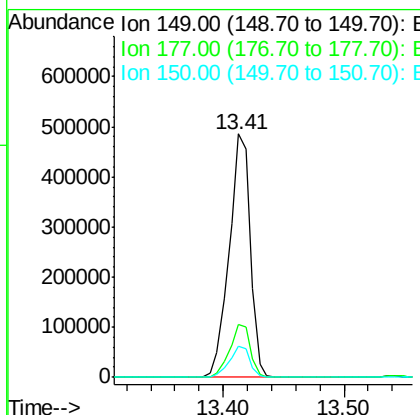
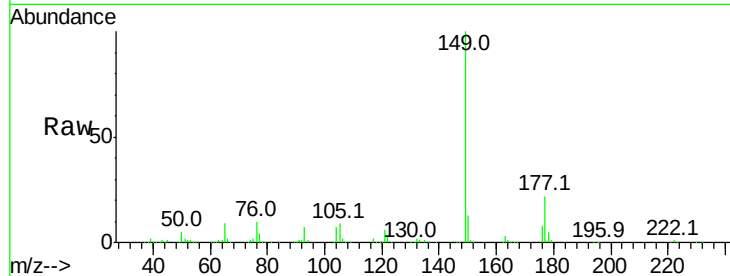




#59
Diethylphthalate
Concen: 41.26 ng
RT: 13.41 min Scan# 1951
Delta R.T. 0.04 min
Lab File: BF095159.D
Acq: 16 May 2017 16:39

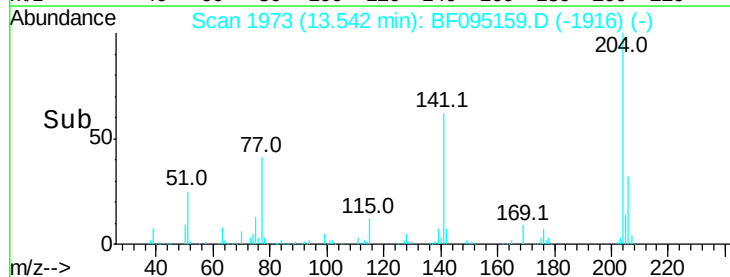
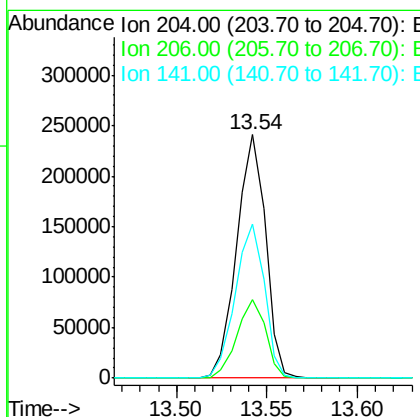
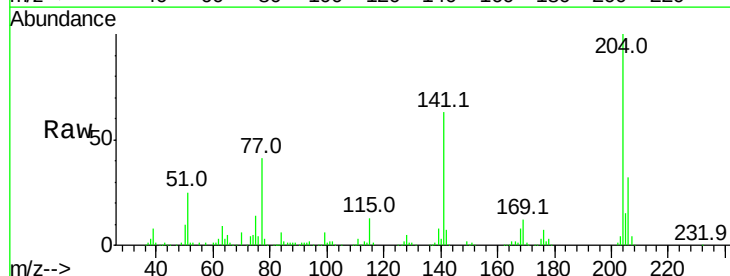
Instrument :
BNA_F
ClientSampled :

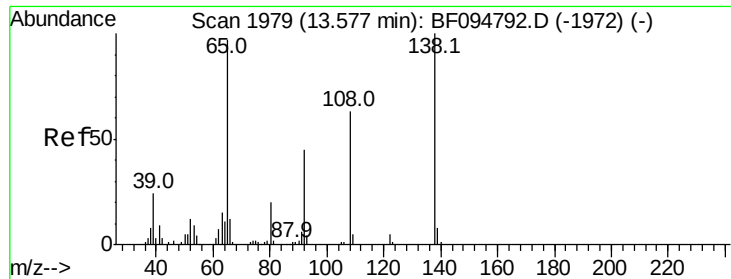
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.5	16.7	25.1
150	12.6	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 43.80 ng
RT: 13.54 min Scan# 1973
Delta R.T. 0.04 min
Lab File: BF095159.D
Acq: 16 May 2017 16:39

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.2	39.2
141	63.1	60.8	91.2

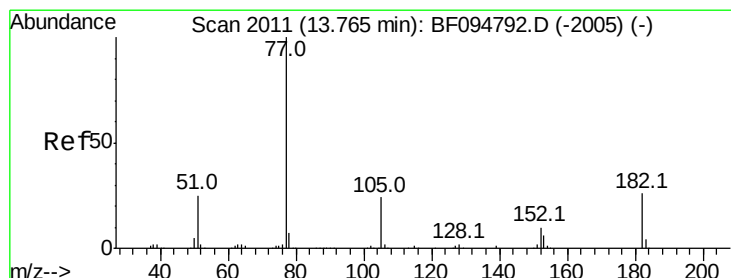
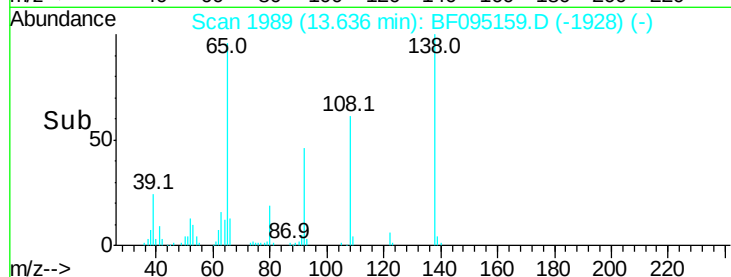
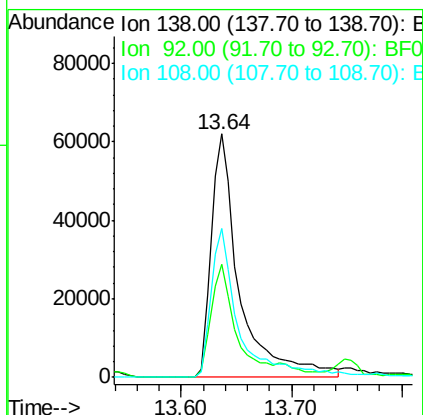
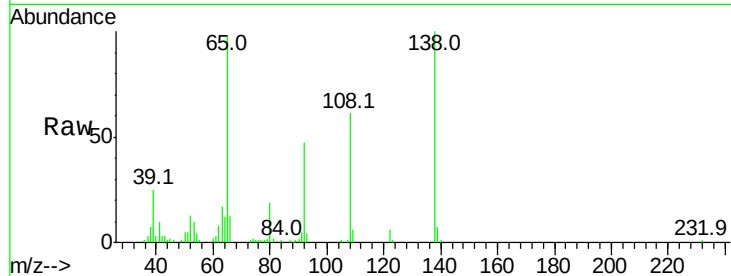




#61
4-Nitroaniline
Concen: 36.39 ng
RT: 13.64 min Scan# 1989
Delta R.T. 0.06 min
Lab File: BF095159.D
Acq: 16 May 2017 16:39

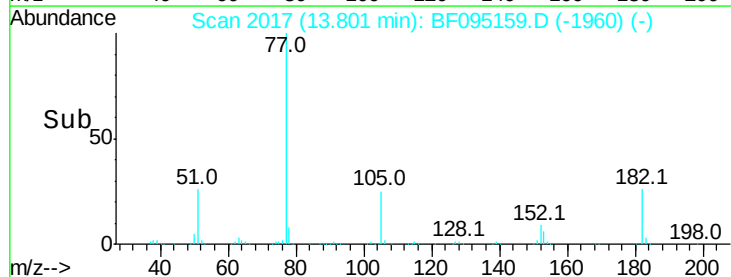
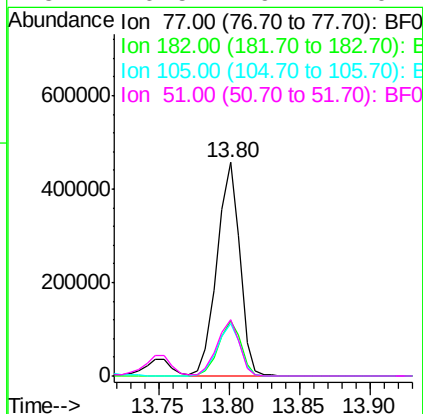
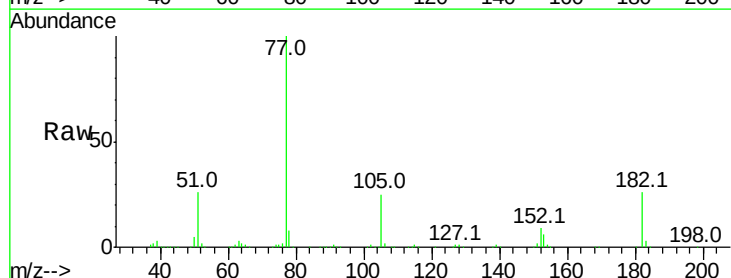
Instrument :
BNA_F
ClientSampleId :

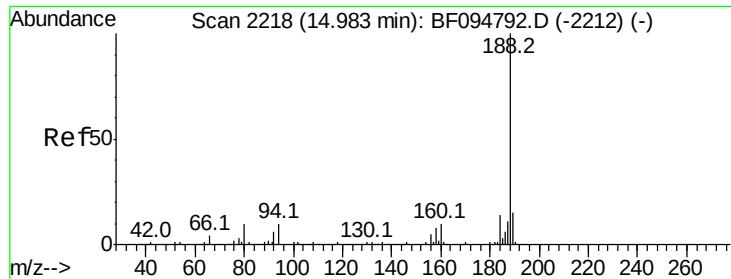
Tot Ion:138 Resp: 109060
Ion Ratio Lower Upper
138 100
92 46.5 21.8 61.8
108 60.9 42.3 82.3



#62
Azobenzene
Concen: 44.73 ng
RT: 13.80 min Scan# 2017
Delta R.T. 0.04 min
Lab File: BF095159.D
Acq: 16 May 2017 16:39

Tgt Ion: 77 Resp: 513726
Ion Ratio Lower Upper
77 100
182 25.9 0.1 40.1
105 24.7 3.6 43.6
51 26.5 9.4 49.4

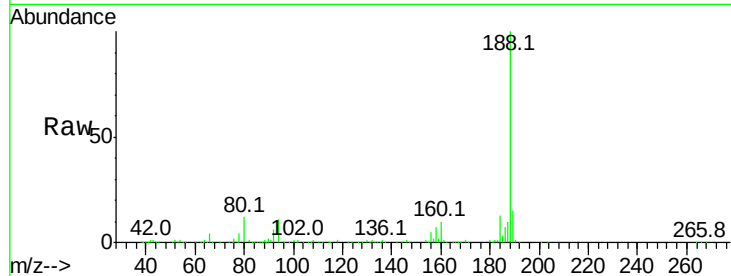




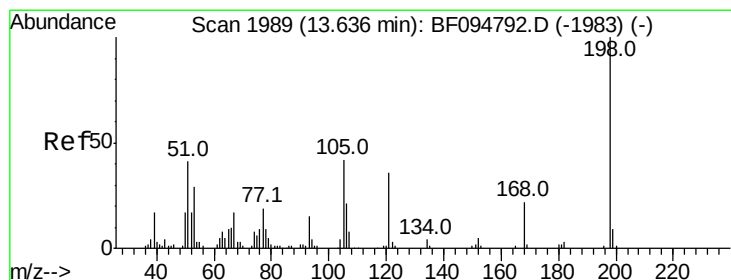
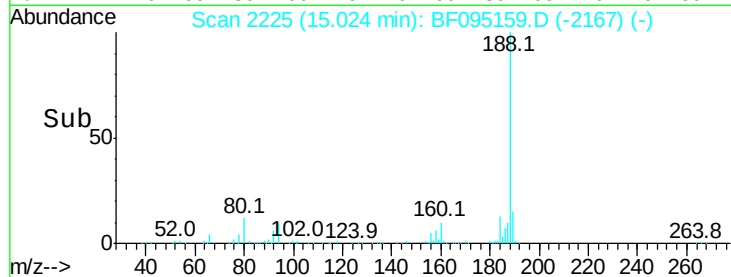
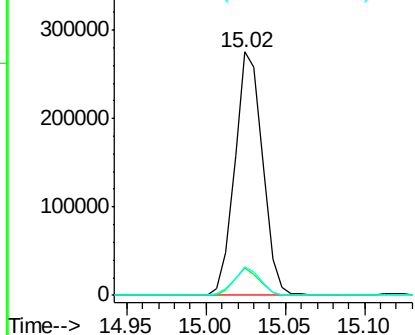
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.02 min Scan# 2225
 Delta R.T. 0.04 min
 Lab File: BF095159.D
 Acq: 16 May 2017 16:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 333079
 Ion Ratio Lower Upper
 188 100
 94 11.0 9.4 14.2
 80 11.6 10.2 15.2

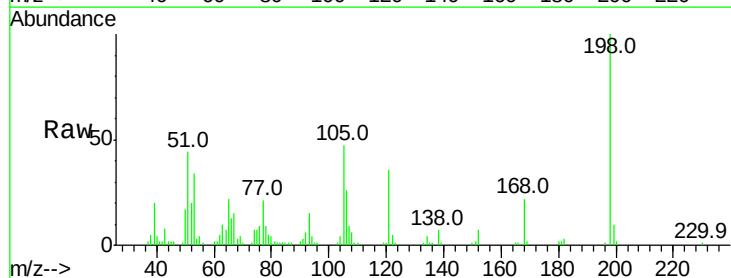


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

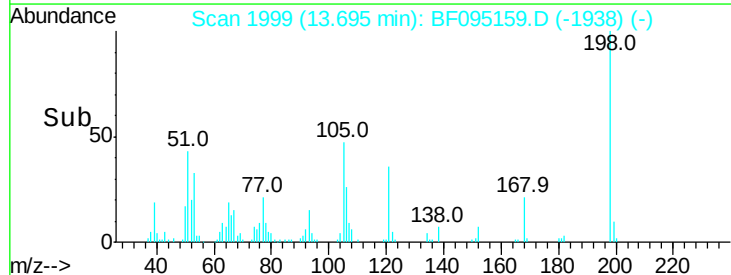
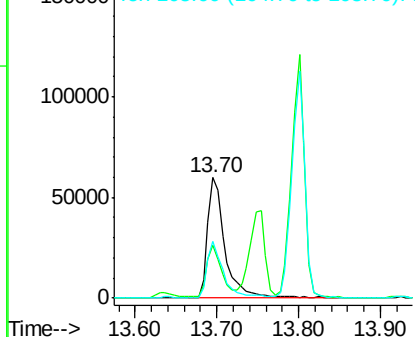


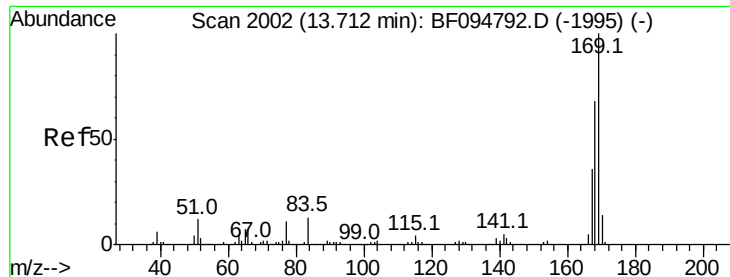
#64
 4,6-Dinitro-2-methylphenol
 Concen: 39.87 ng
 RT: 13.70 min Scan# 1999
 Delta R.T. 0.06 min
 Lab File: BF095159.D
 Acq: 16 May 2017 16:39

Tgt Ion:198 Resp: 89026
 Ion Ratio Lower Upper
 198 100
 51 43.7 53.2 93.2#
 105 46.7 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

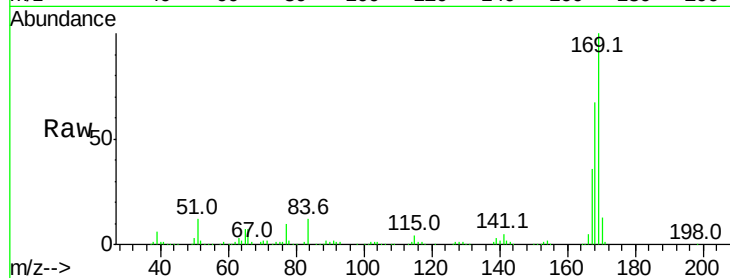




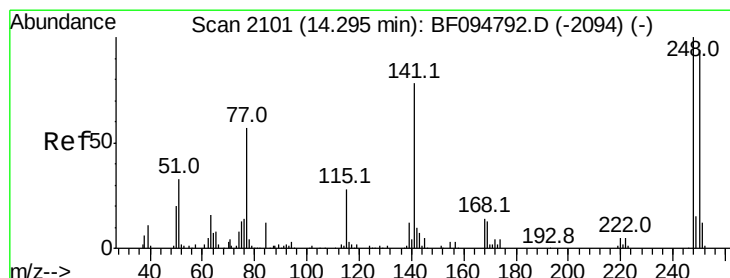
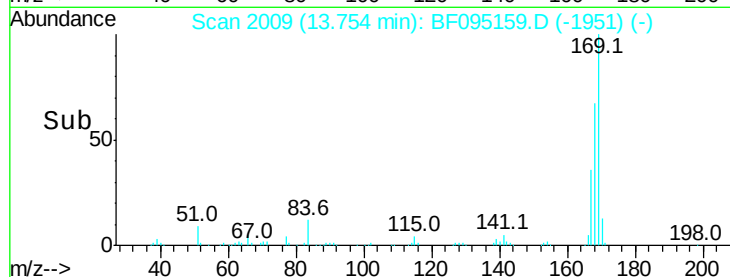
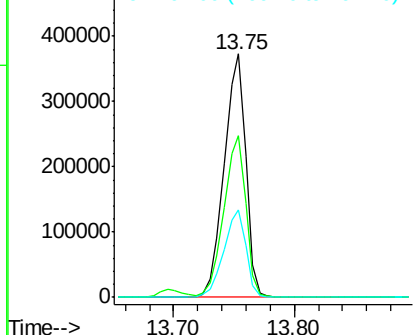
#65
 n-Nitrosodiphenylamine
 Concen: 38.17 ng
 RT: 13.75 min Scan# 2009
 Delta R.T. 0.04 min
 Lab File: BF095159.D
 Acq: 16 May 2017 16:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 461398
 Ion Ratio Lower Upper
 169 100
 168 66.7 53.2 79.8
 167 36.0 29.5 44.3

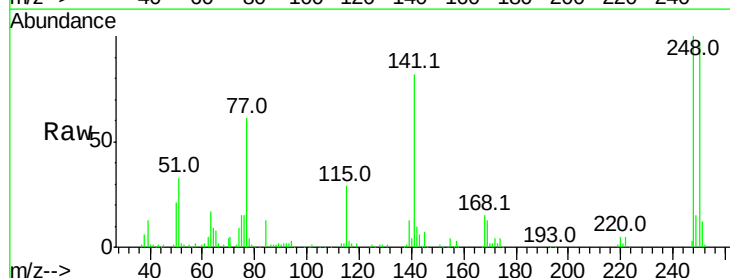


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

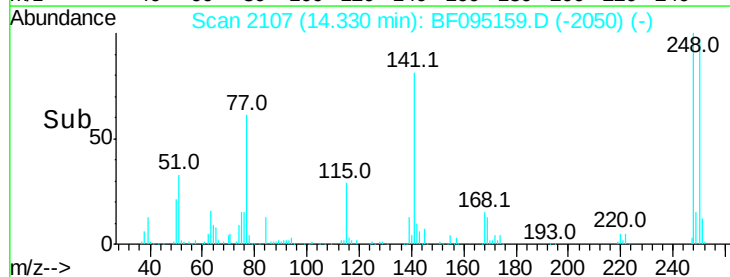
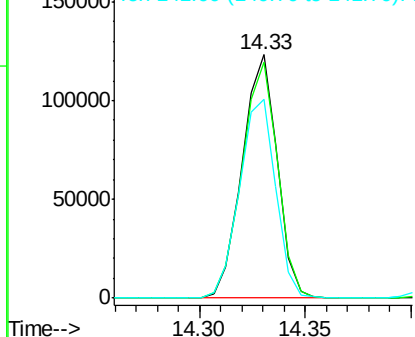


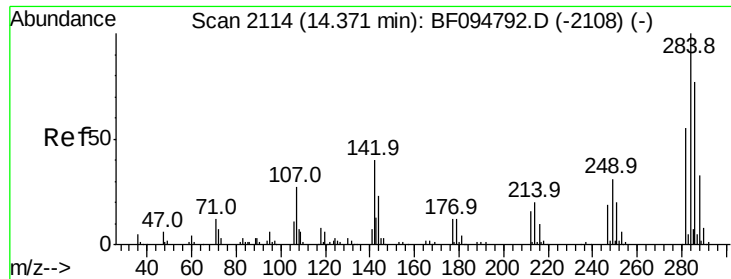
#66
 4-Bromophenyl-phenylether
 Concen: 40.37 ng
 RT: 14.33 min Scan# 2107
 Delta R.T. 0.04 min
 Lab File: BF095159.D
 Acq: 16 May 2017 16:39

Tgt Ion:248 Resp: 142066
 Ion Ratio Lower Upper
 248 100
 250 97.1 76.8 115.2
 141 81.6 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: 40.65 ng

RT: 14.42 min Scan# 2122

Delta R.T. 0.05 min

Lab File: BF095159.D

Acq: 16 May 2017 16:39

Instrument :

BNA_F

ClientSampled :

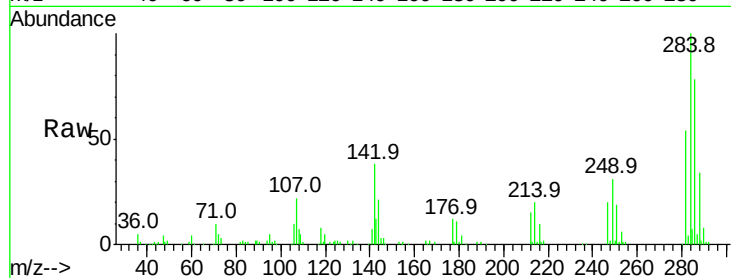
Tot Ion:284 Resp: 146595

Ion Ratio Lower Upper

284 100

142 38.4 22.8 34.2#

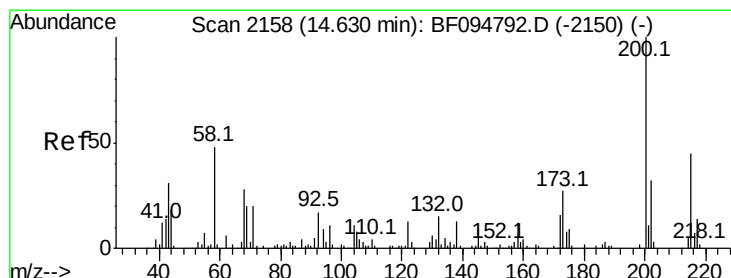
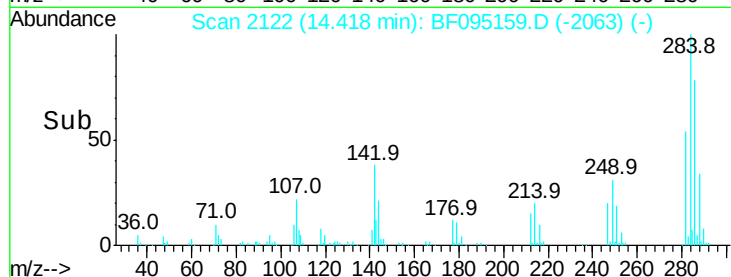
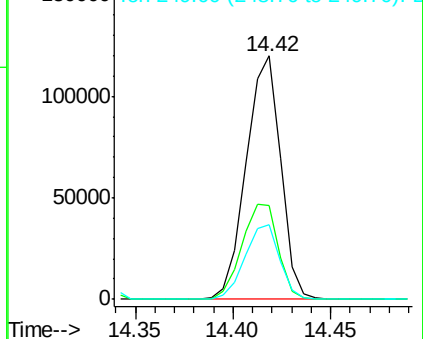
249 30.5 24.0 36.0



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: 44.79 ng

RT: 14.67 min Scan# 2165

Delta R.T. 0.04 min

Lab File: BF095159.D

Acq: 16 May 2017 16:39

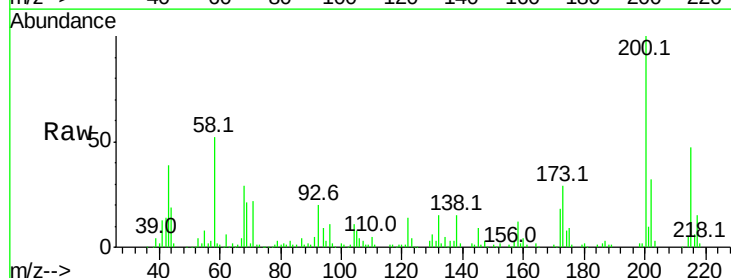
Tgt Ion:200 Resp: 152877

Ion Ratio Lower Upper

200 100

173 29.2 6.3 46.3

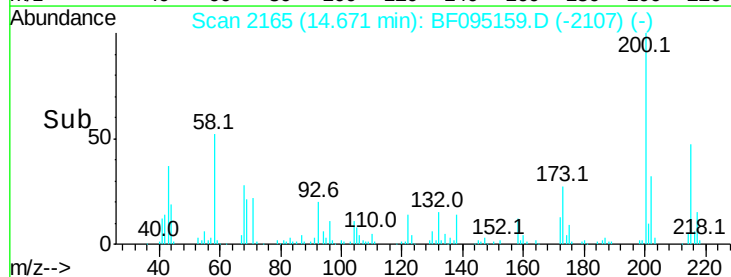
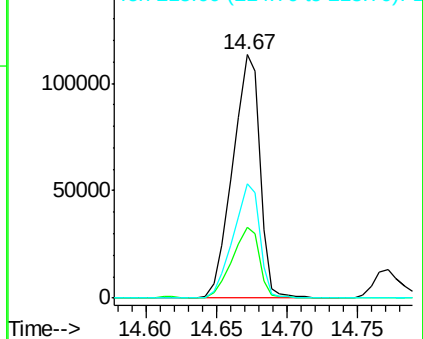
215 46.7 27.2 67.2

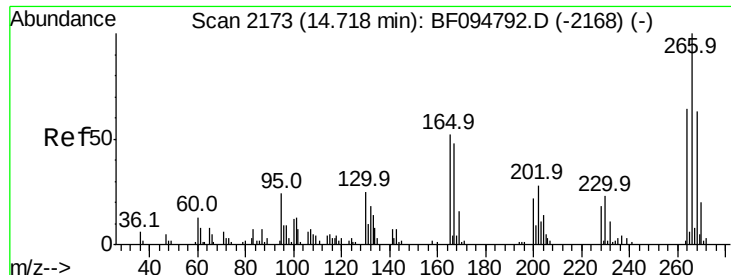


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

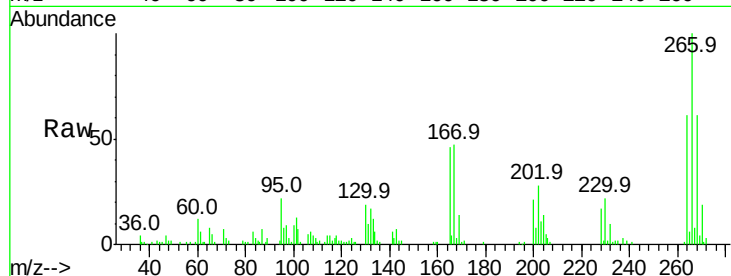




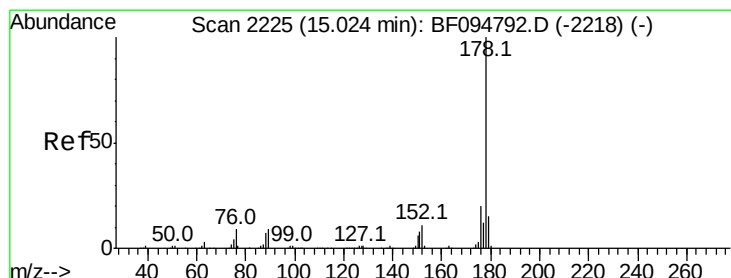
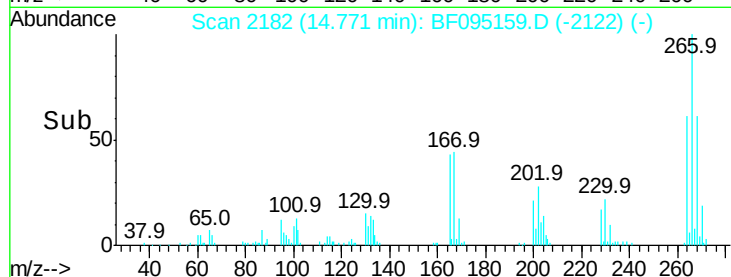
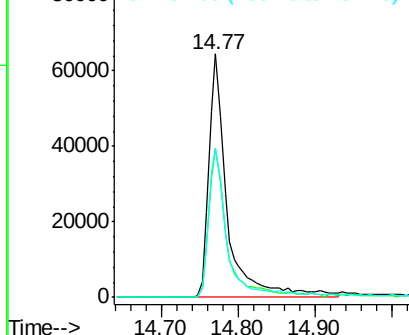
#69
 Pentachlorophenol
 Concen: 66.58 ng
 RT: 14.77 min Scan# 2182
 Delta R.T. 0.05 min
 Lab File: BF095159.D
 Acq: 16 May 2017 16:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.2	51.1	76.7
264	61.0	51.7	77.5

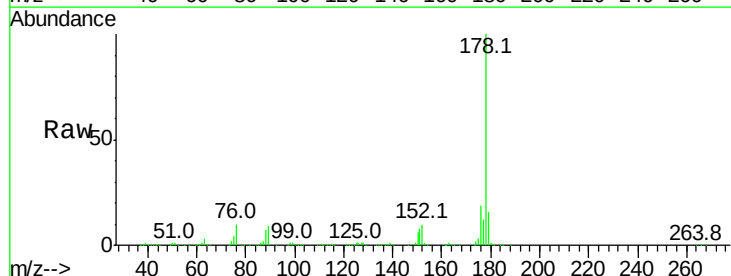


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

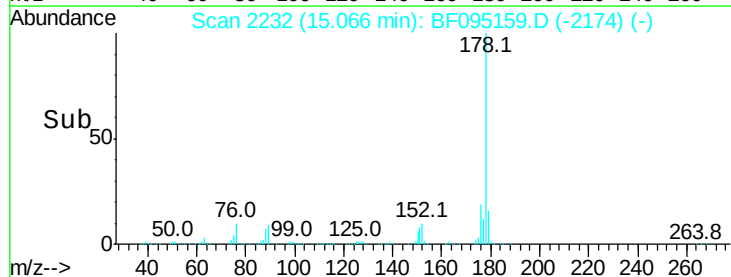
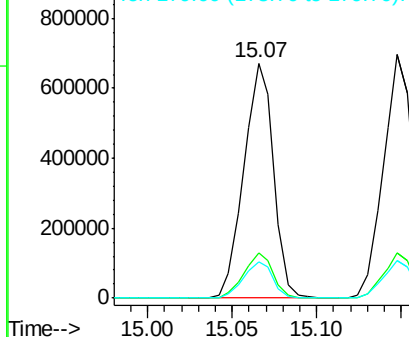


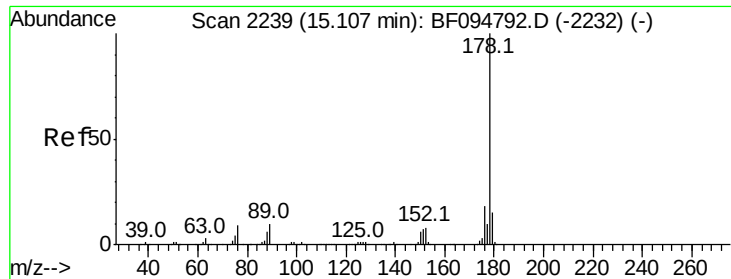
#70
 Phenanthrene
 Concen: 42.93 ng
 RT: 15.07 min Scan# 2232
 Delta R.T. 0.04 min
 Lab File: BF095159.D
 Acq: 16 May 2017 16:39

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.2	24.4
179	15.5	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

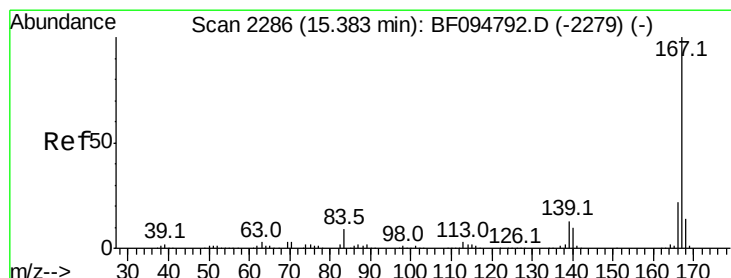
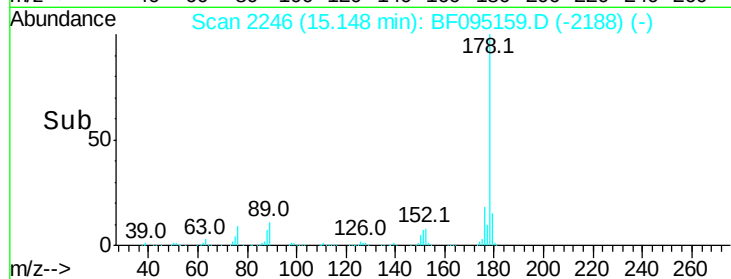
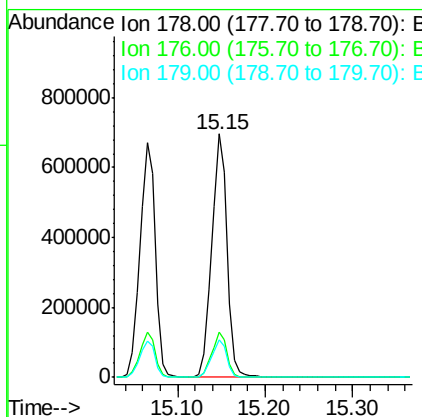
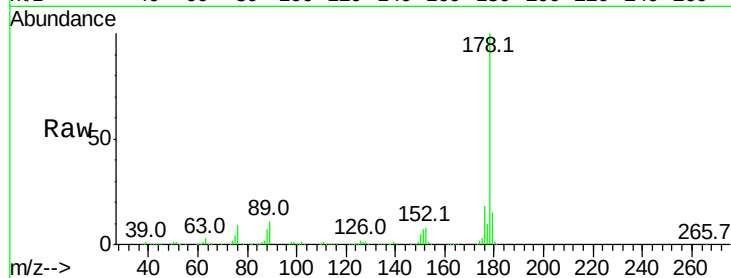




#71
 Anthracene
 Concen: 43.46 ng
 RT: 15.15 min Scan# 2246
 Delta R.T. 0.04 min
 Lab File: BF095159.D
 Acq: 16 May 2017 16:39

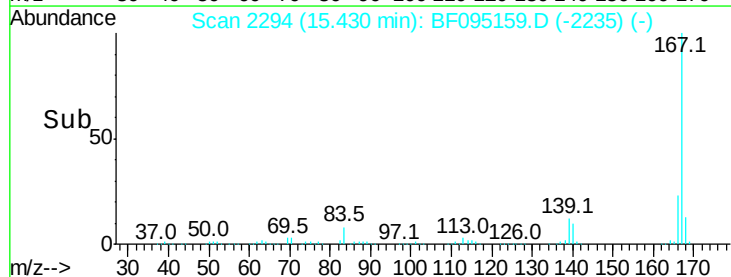
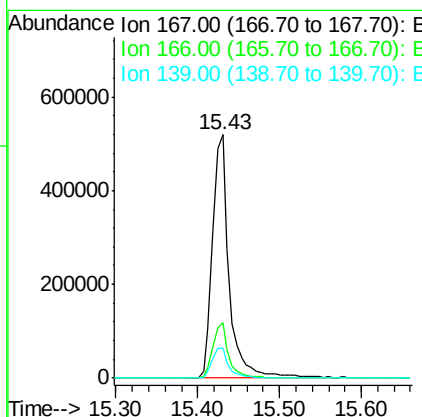
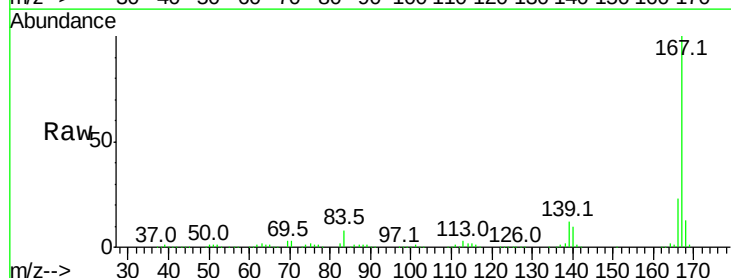
Instrument :
 BNA_F
 ClientSampled :

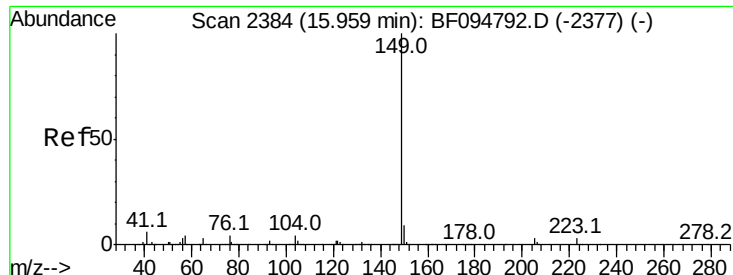
Tot Ion:178 Resp: 849630
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.8 23.8
 179 15.2 12.7 19.1



#72
 Carbazole
 Concen: 41.61 ng
 RT: 15.43 min Scan# 2294
 Delta R.T. 0.05 min
 Lab File: BF095159.D
 Acq: 16 May 2017 16:39

Tgt Ion:167 Resp: 740063
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.1 27.1
 139 12.4 11.7 17.5





#73

Di-n-butylphthalate

Concen: 43.83 ng

RT: 15.99 min Scan# 2389

Delta R.T. 0.03 min

Lab File: BF095159.D

Acq: 16 May 2017 16:39

Instrument :

BNA_F

ClientSampleId :

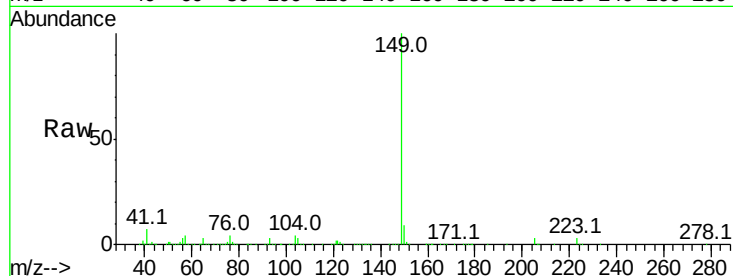
Tot Ion:149 Resp: 972255

Ion Ratio Lower Upper

149 100

150 9.1 7.7 11.5

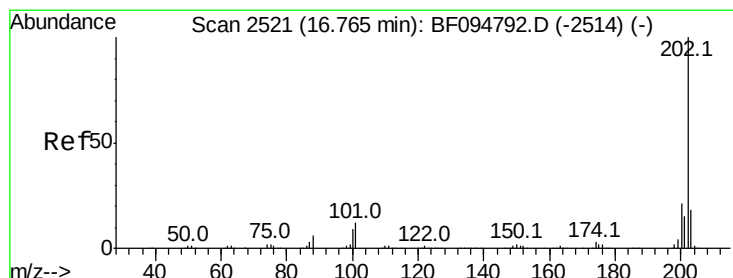
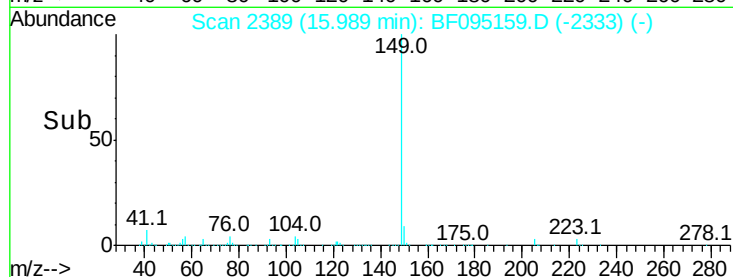
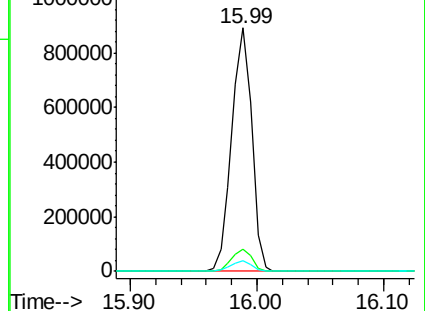
104 4.3 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.50 ng

RT: 16.81 min Scan# 2528

Delta R.T. 0.04 min

Lab File: BF095159.D

Acq: 16 May 2017 16:39

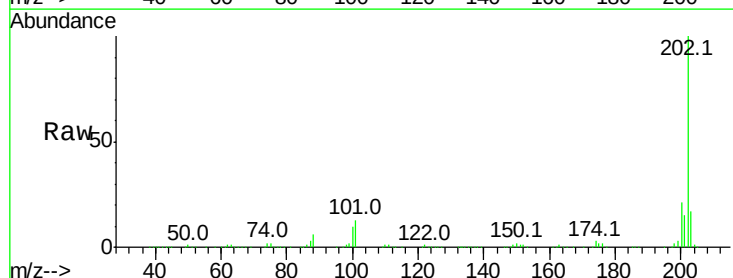
Tgt Ion:202 Resp: 834407

Ion Ratio Lower Upper

202 100

101 13.1 0.0 33.2

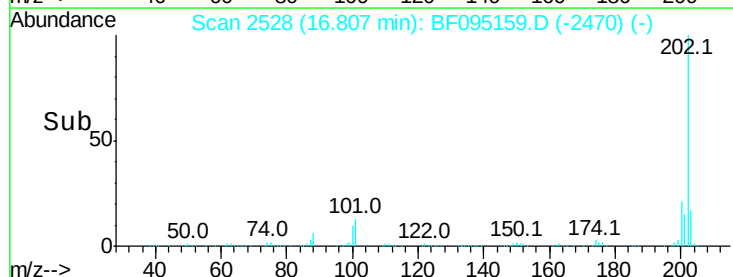
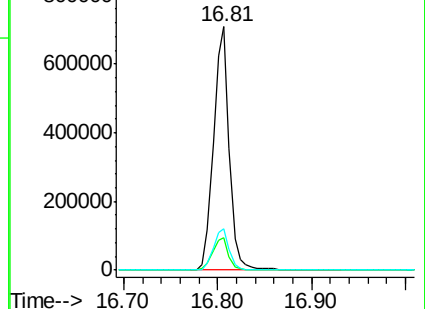
203 17.1 0.0 38.1

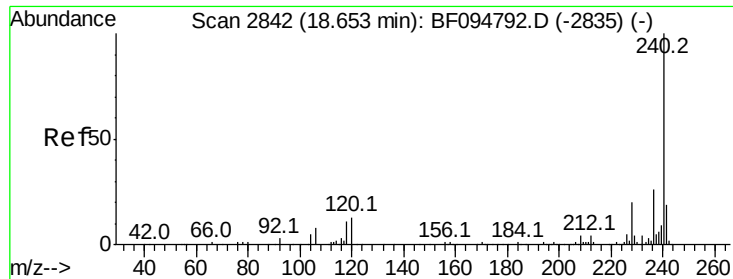


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

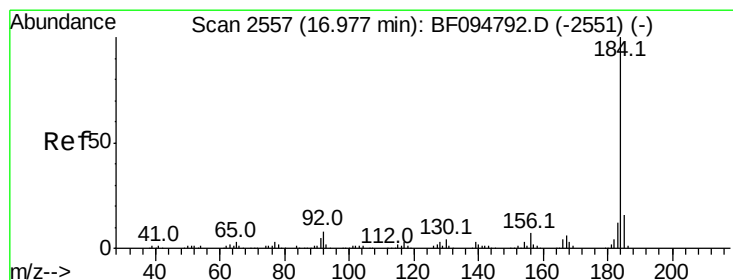
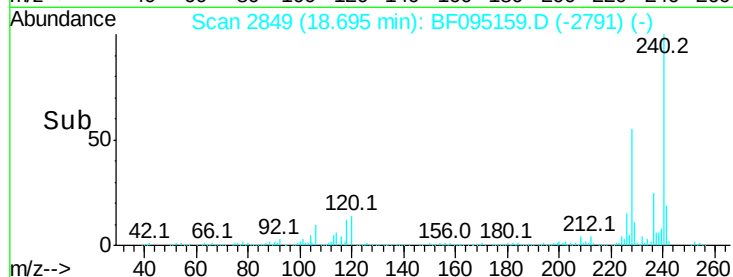
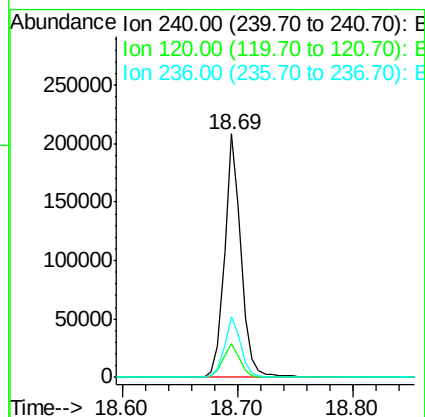
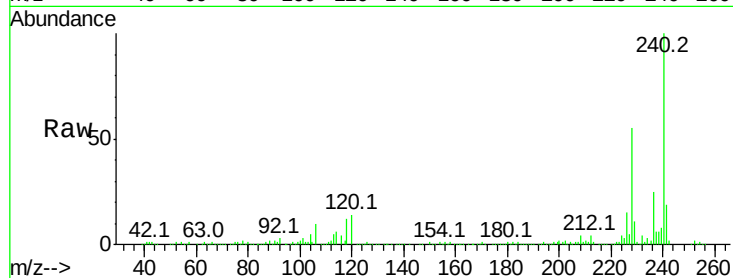




#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.69 min Scan# 2849
Delta R.T. 0.04 min
Lab File: BF095159.D
Acq: 16 May 2017 16:39

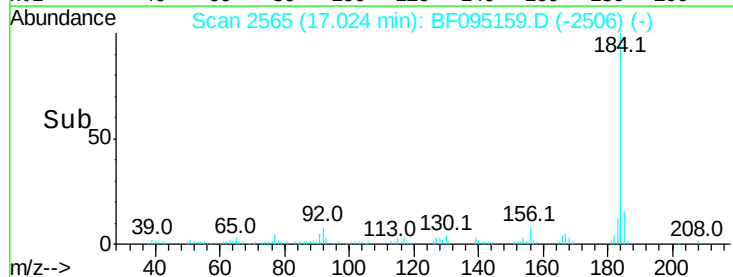
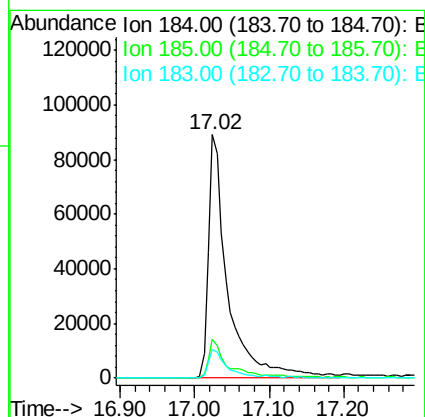
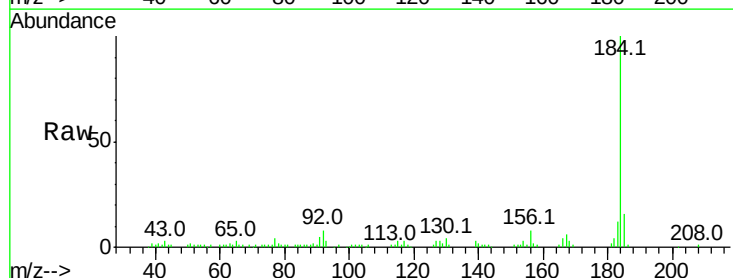
Instrument :
BNA_F
ClientSampled :

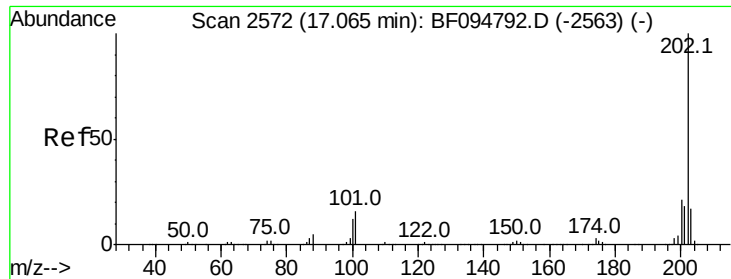
Tot Ion:240 Resp: 205876
Ion Ratio Lower Upper
240 100
120 14.0 5.8 8.8#
236 25.1 20.5 30.7



#76
Benzidine
Concen: 31.64 ng
RT: 17.02 min Scan# 2565
Delta R.T. 0.05 min
Lab File: BF095159.D
Acq: 16 May 2017 16:39

Tgt Ion:184 Resp: 161675
Ion Ratio Lower Upper
184 100
185 15.8 15.5 23.3
183 12.0 9.8 14.6

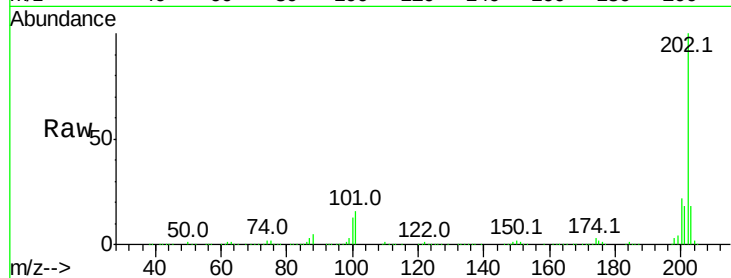




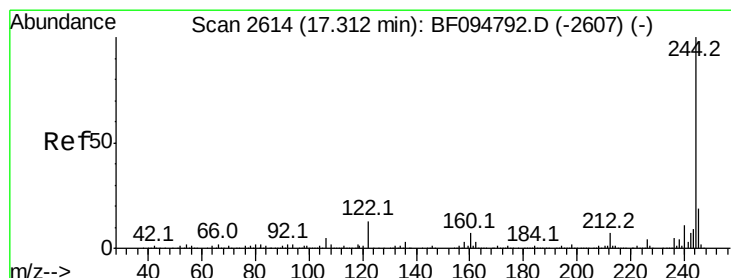
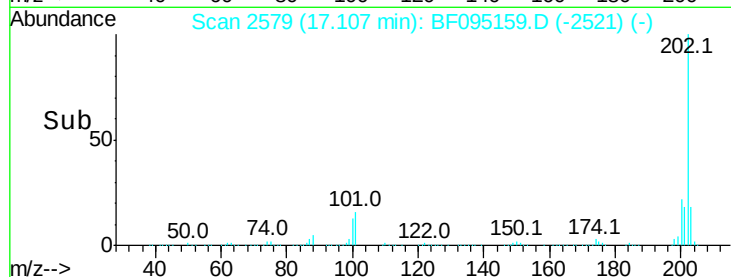
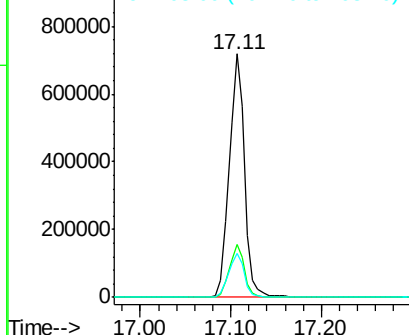
#77
Pvrene
Concen: 54.62 ng
RT: 17.11 min Scan# 2579
Delta R.T. 0.04 min
Lab File: BF095159.D
Acq: 16 May 2017 16:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 841023
Ion Ratio Lower Upper
202 100
200 21.8 17.6 26.4
203 17.8 14.4 21.6

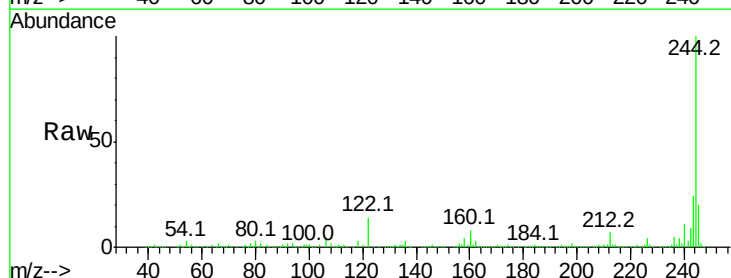


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

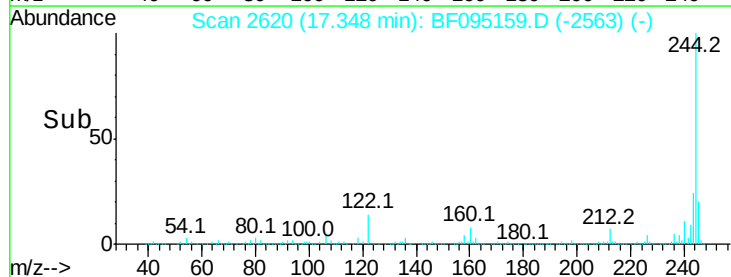
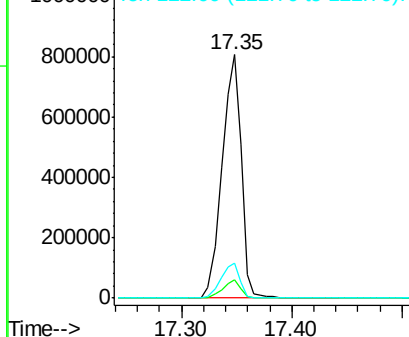


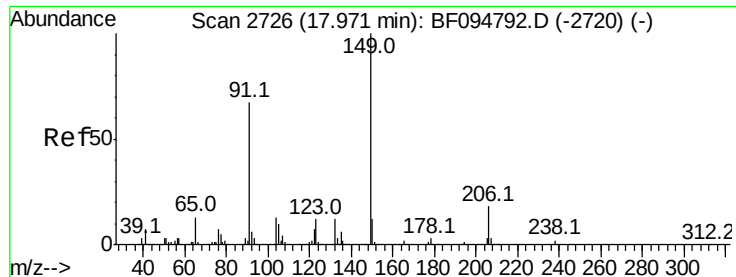
#78
Terphenyl-d14
Concen: 104.09 ng
RT: 17.35 min Scan# 2620
Delta R.T. 0.04 min
Lab File: BF095159.D
Acq: 16 May 2017 16:39

Tgt Ion:244 Resp: 972950
Ion Ratio Lower Upper
244 100
212 7.4 6.0 9.0
122 14.4 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 45.96 ng

RT: 18.01 min Scan# 2732

Delta R.T. 0.04 min

Lab File: BF095159.D

Acq: 16 May 2017 16:39

Instrument :

BNA_F

ClientSampleId :

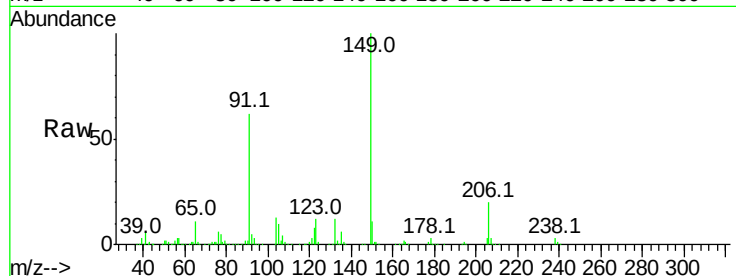
Tot Ion:149 Resp: 329121

Ion Ratio Lower Upper

149 100

91 62.2 45.0 67.4

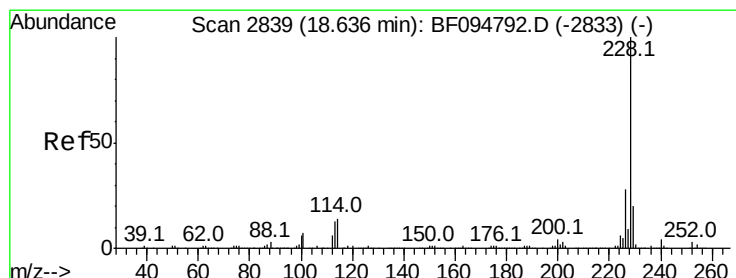
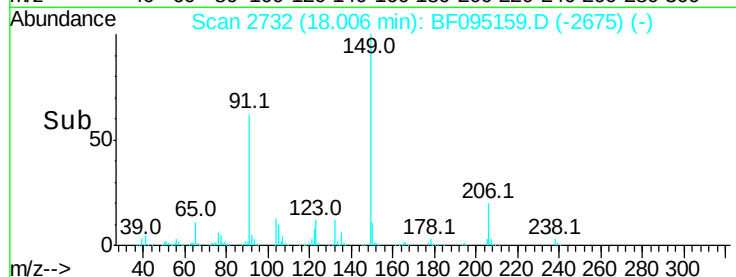
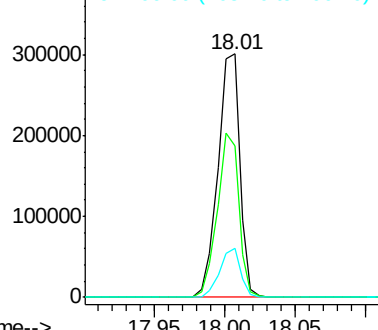
206 19.9 17.0 25.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 43.74 ng

RT: 18.68 min Scan# 2847

Delta R.T. 0.05 min

Lab File: BF095159.D

Acq: 16 May 2017 16:39

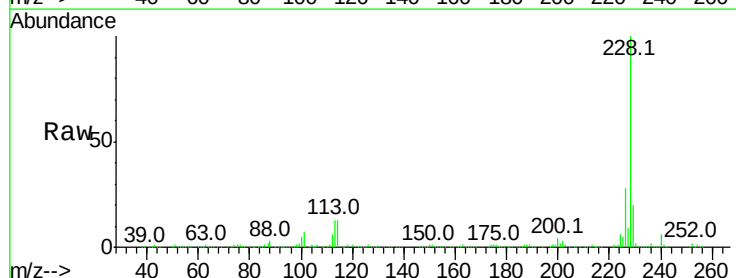
Tgt Ion:228 Resp: 524026

Ion Ratio Lower Upper

228 100

226 28.3 22.6 33.8

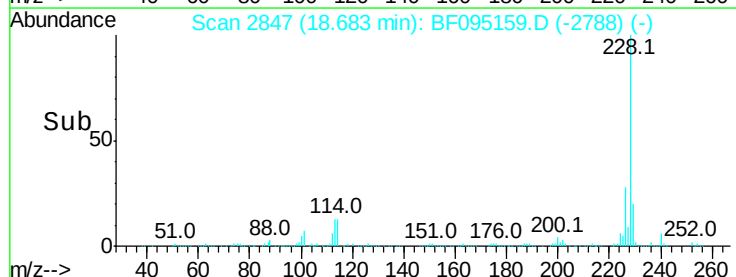
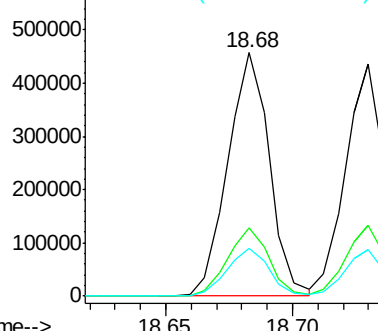
229 19.8 16.3 24.5

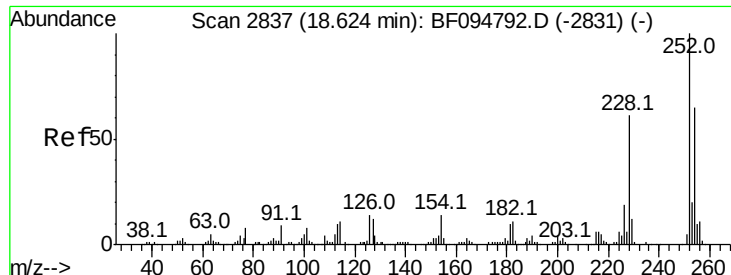


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

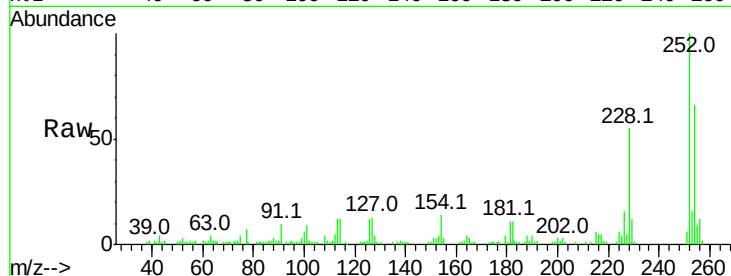




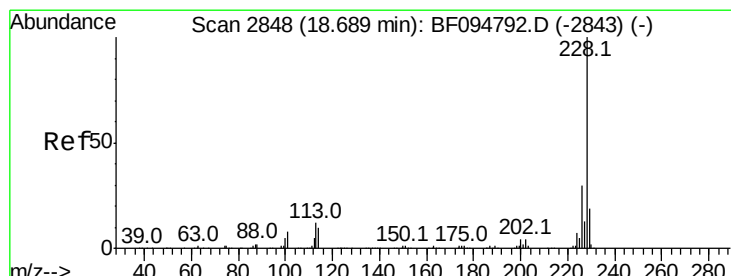
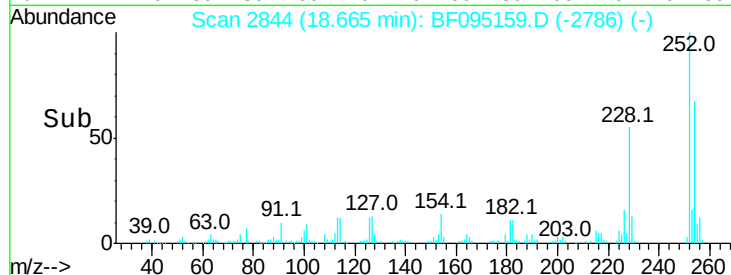
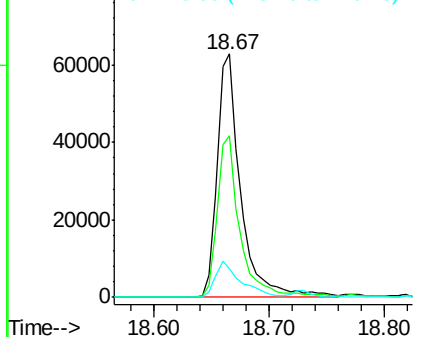
#81
 3,3'-Dichlorobenzidine
 Concen: 21.46 ng
 RT: 18.67 min Scan# 2844
 Delta R.T. 0.04 min
 Lab File: BF095159.D
 Acq: 16 May 2017 16:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 88793
 Ion Ratio Lower Upper
 252 100
 254 66.3 51.5 77.3
 126 11.9 15.8 23.8#

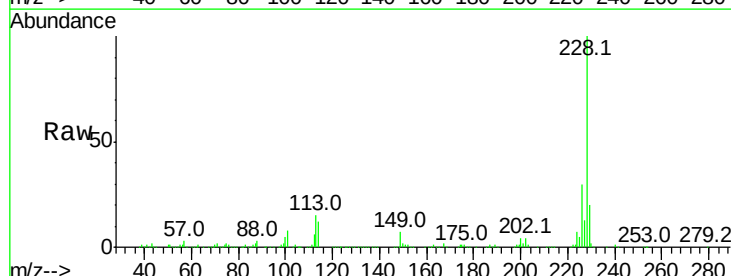


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

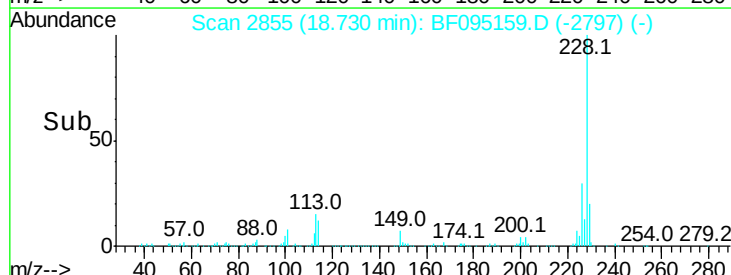
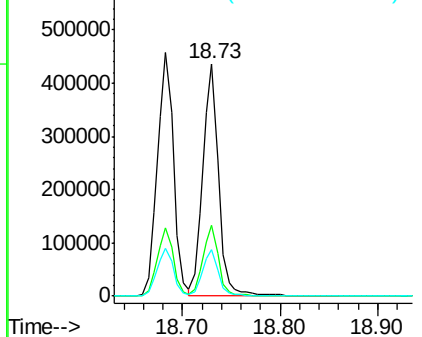


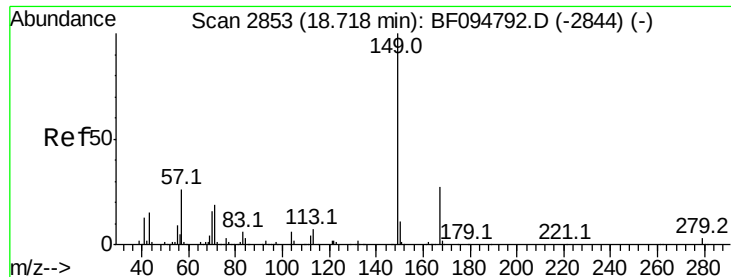
#82
 Chrysene
 Concen: 42.02 ng
 RT: 18.73 min Scan# 2855
 Delta R.T. 0.04 min
 Lab File: BF095159.D
 Acq: 16 May 2017 16:39

Tgt Ion:228 Resp: 486822
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.9 37.3
 229 20.0 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

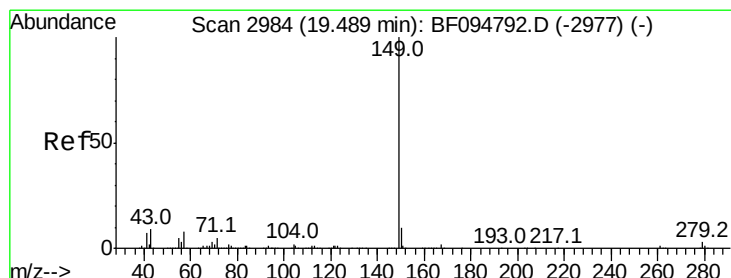
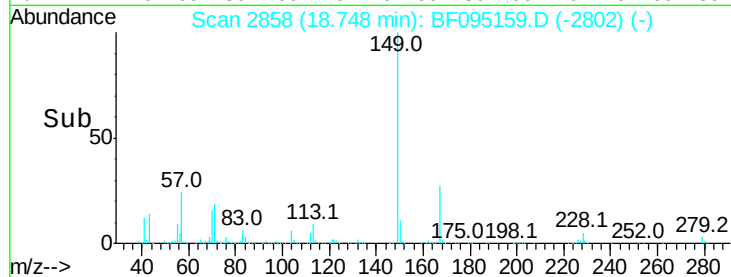
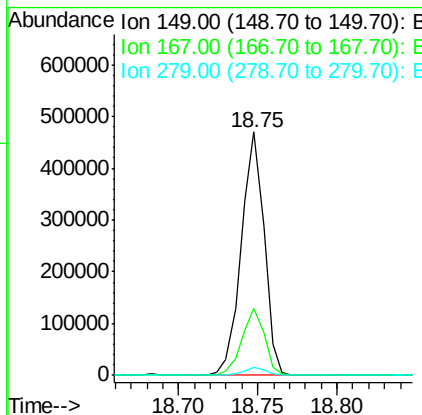
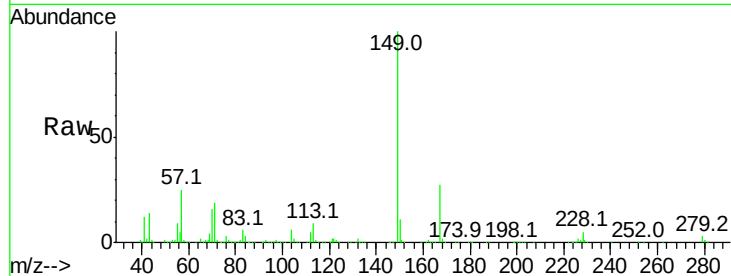




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.17 ng
 RT: 18.75 min Scan# 2858
 Delta R.T. 0.03 min
 Lab File: BF095159.D
 Acq: 16 May 2017 16:39

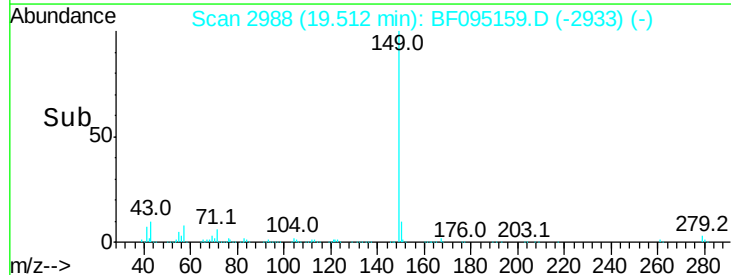
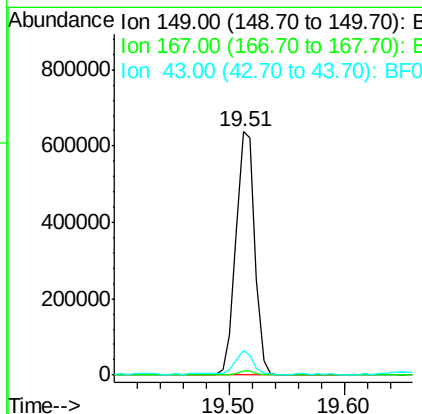
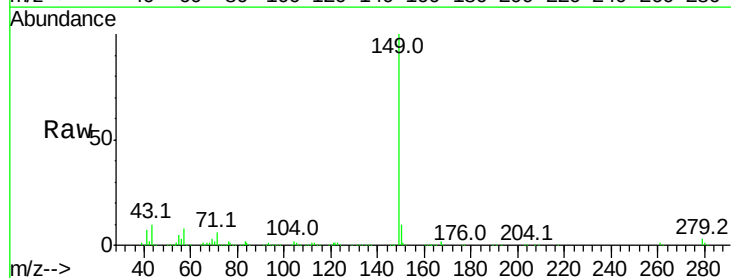
Instrument :
 BNA_F
 ClientSampleId :

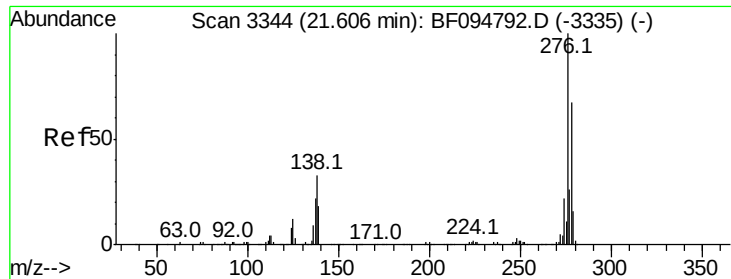
Tot Ion:149 Resp: 471109
 Ion Ratio Lower Upper
 149 100
 167 27.3 21.0 31.4
 279 3.1 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 43.15 ng
 RT: 19.51 min Scan# 2988
 Delta R.T. 0.02 min
 Lab File: BF095159.D
 Acq: 16 May 2017 16:39

Tgt Ion:149 Resp: 721942
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 8.5 8.5 12.7

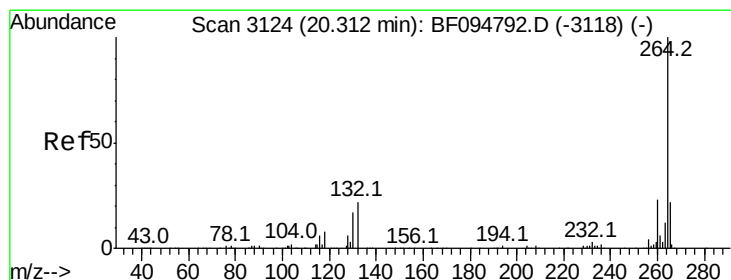
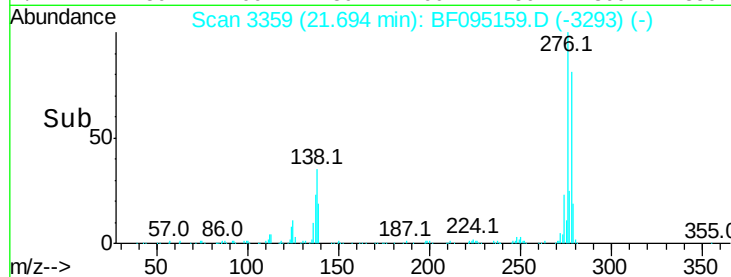
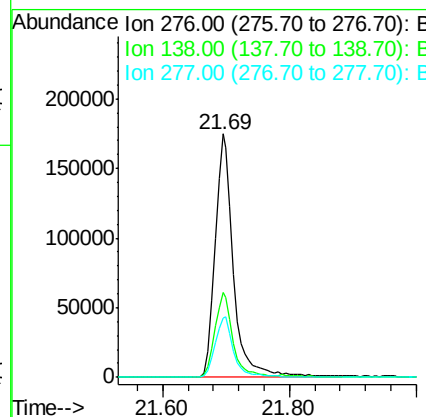
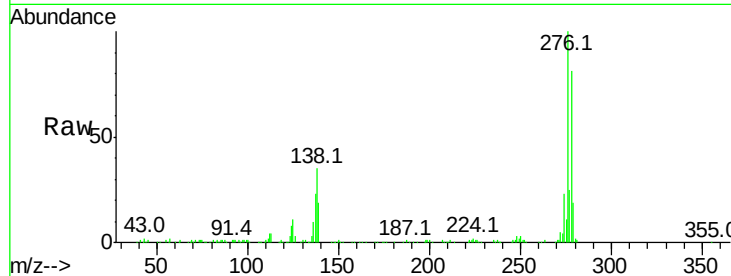




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.34 ng
 RT: 21.69 min Scan# 3359
 Delta R.T. 0.09 min
 Lab File: BF095159.D
 Acq: 16 May 2017 16:39

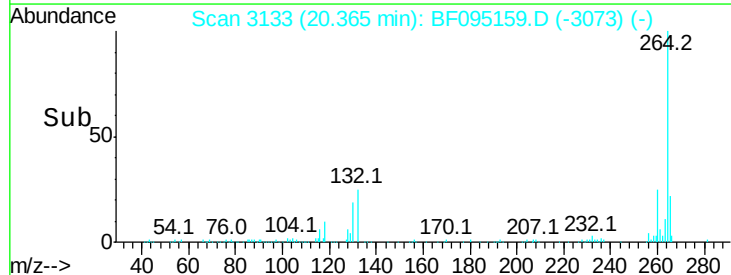
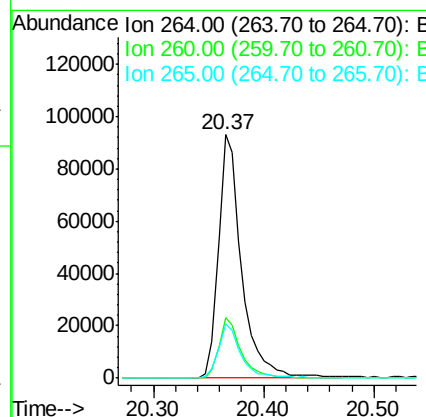
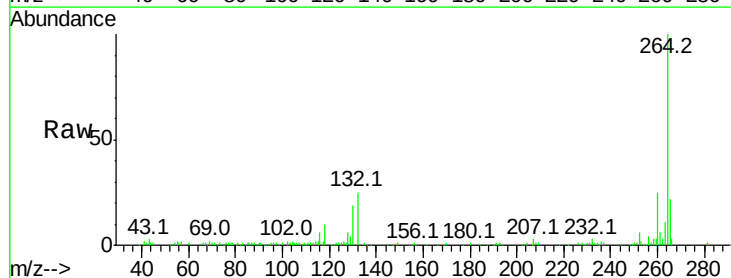
Instrument :
 BNA_F
 ClientSampleId :

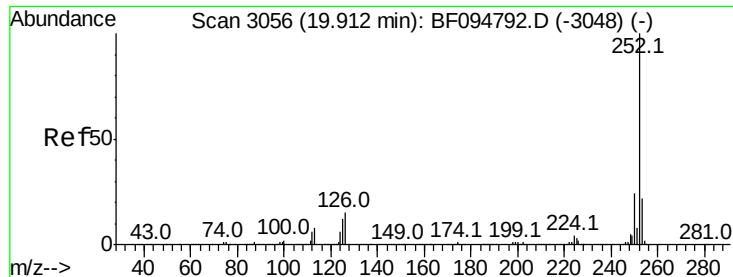
Tot Ion	Ratio	Lower	Upper
276	100		
138	34.0	27.8	41.6
277	25.1	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.37 min Scan# 3133
 Delta R.T. 0.05 min
 Lab File: BF095159.D
 Acq: 16 May 2017 16:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	22.5	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 44.46 ng

RT: 19.96 min Scan# 3064

Delta R.T. 0.05 min

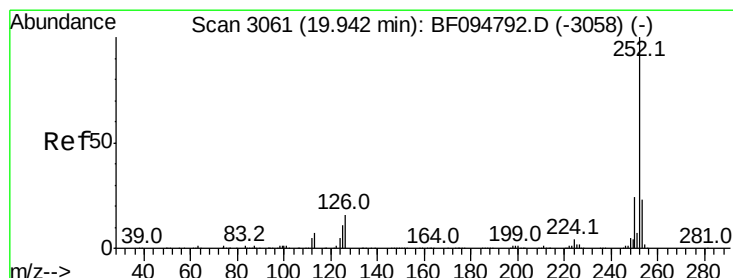
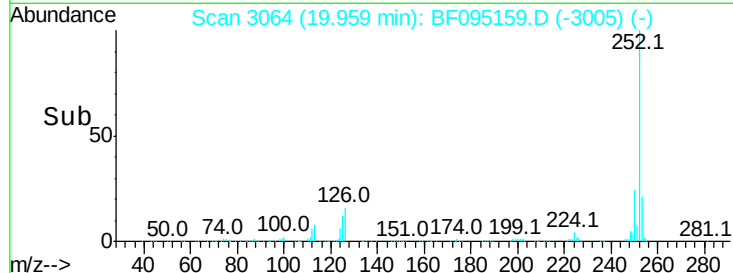
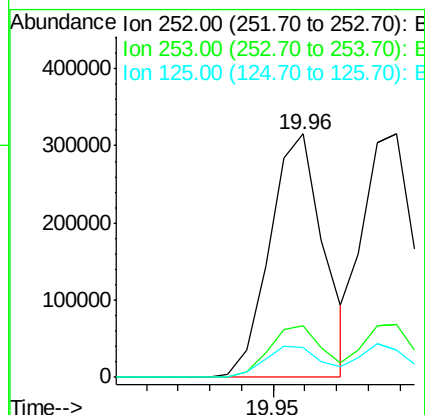
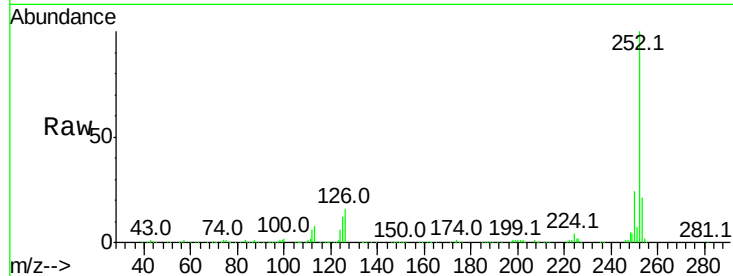
Lab File: BF095159.D

Acq: 16 May 2017 16:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 371994

Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.1	27.1
125	12.0	9.8	14.8



#88

Benzo(k)fluoranthene

Concen: 48.84 ng

RT: 19.99 min Scan# 3069

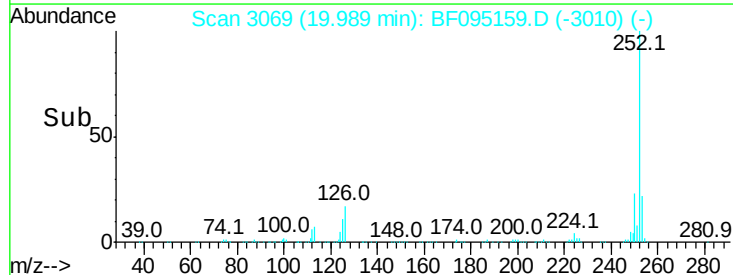
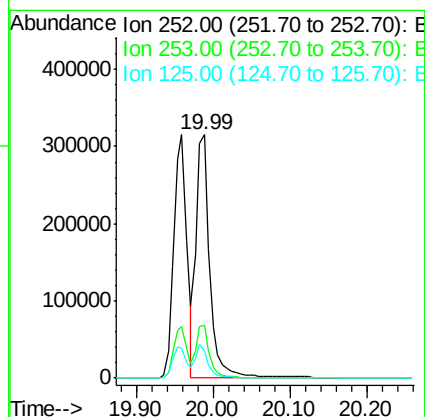
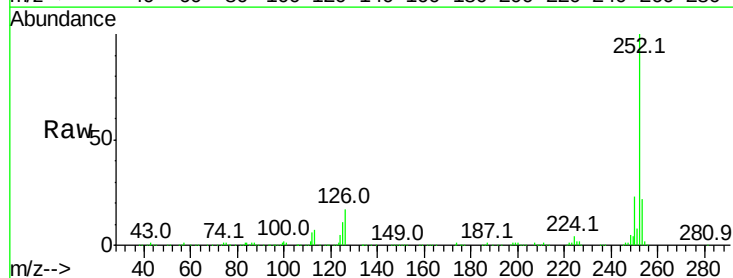
Delta R.T. 0.05 min

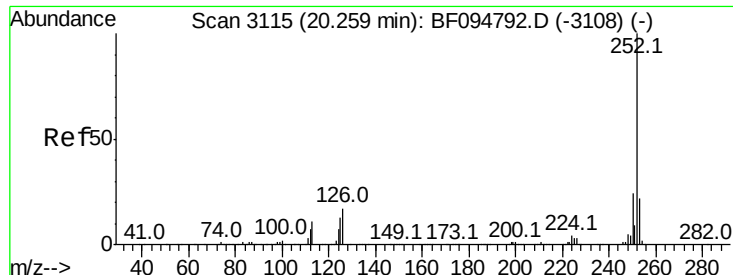
Lab File: BF095159.D

Acq: 16 May 2017 16:39

Tgt Ion:252 Resp: 394230

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.4	27.6
125	11.1	13.1	19.7#

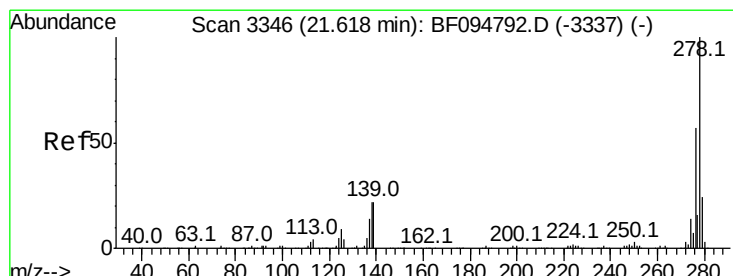
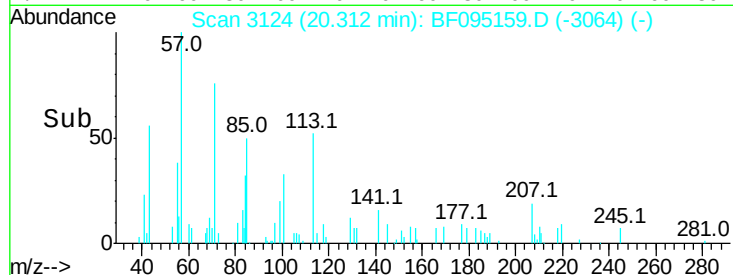
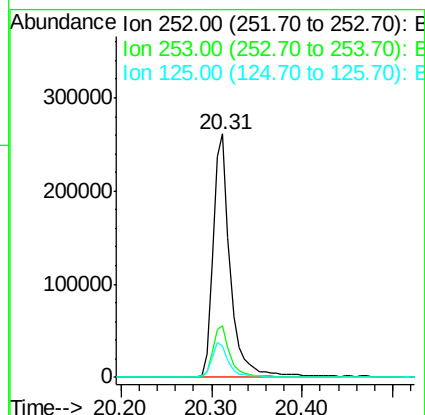
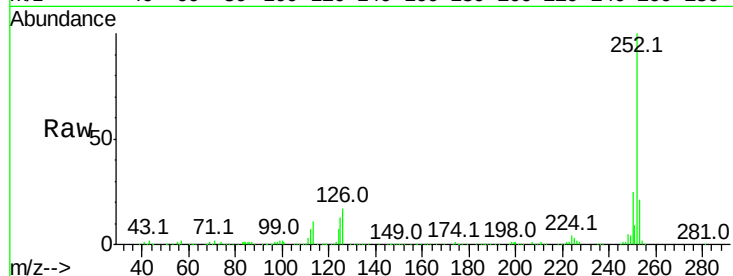




#89
Benzo(a)pyrene
Concen: 44.25 ng
RT: 20.31 min Scan# 3124
Delta R.T. 0.05 min
Lab File: BF095159.D
Acq: 16 May 2017 16:39

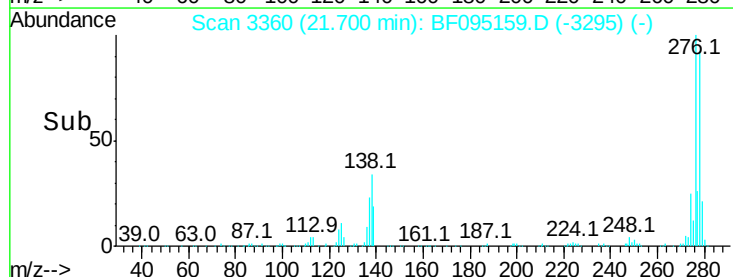
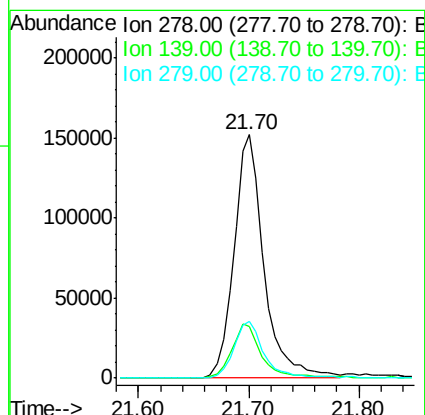
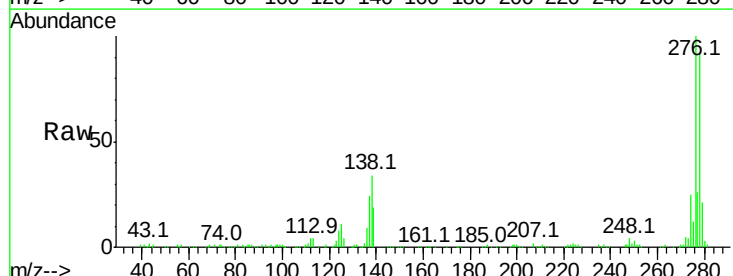
Instrument :
BNA_F
ClientSampleId :

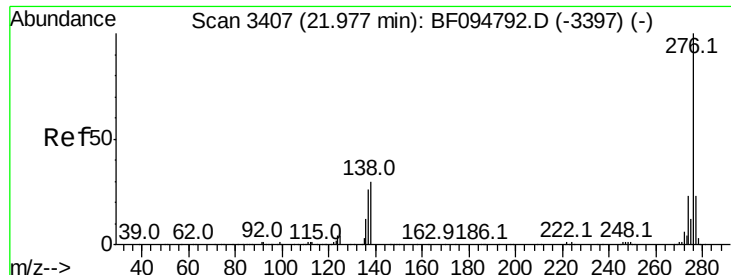
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.5	26.3
125	13.0	11.0	16.4



#90
Dibenzo(a,h)anthracene
Concen: 45.37 ng
RT: 21.70 min Scan# 3360
Delta R.T. 0.08 min
Lab File: BF095159.D
Acq: 16 May 2017 16:39

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.0	16.6	24.8
279	23.3	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 49.19 ng

RT: 22.08 min Scan# 3425

Delta R.T. 0.11 min

Lab File: BF095159.D

Acq: 16 May 2017 16:39

Instrument :

BNA_F

ClientSampleId :

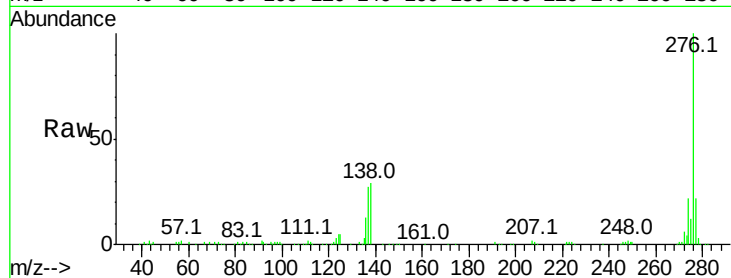
Tot Ion: 276 Resp: 307814

Ion Ratio Lower Upper

276 100

277 22.4 18.6 28.0

138 29.0 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

