

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052317\
 Data File : BF095357.D
 Acq On : 23 May 2017 18:21
 Operator : SJ/MA
 Sample : I3244-04MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 24 01:29:44 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	109102	20.00	ng	0.00
21) Naphthalene-d8	9.77	136	461005	20.00	ng	-0.01
38) Acenaphthene-d10	12.60	164	200521	20.00	ng	-0.02
63) Phenanthrene-d10	15.01	188	339786	20.00	ng	-0.01
75) Chrysene-d12	18.68	240	191472	20.00	ng	-0.01
86) Perylene-d12	20.36	264	192643	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.73	112	859675	131.37	ng	0.00
7) Phenol-d6	7.31	99	1000016	127.36	ng	0.00
23) Nitrobenzene-d5	8.67	82	600022	82.07	ng	0.00
41) 2,4,6-Tribromophenol	13.91	330	182753	111.29	ng	-0.01
44) 2-Fluorobiphenyl	11.55	172	1135635	81.52	ng	-0.01
78) Terphenyl-d14	17.33	244	778286	89.53	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.27	88	99425	30.98	ng	94
3) Pyridine	2.98	79	232322	31.23	ng	96
4) n-Nitrosodimethylamine	2.90	42	98238	31.68	ng	84
6) Aniline	7.27	93	364510	36.77	ng	95
8) 2-Chlorophenol	7.45	128	319690	42.92	ng	94
9) Benzaldehyde	7.10	77	85543	17.84	ng	95
10) Phenol	7.32	94	343534	41.52	ng	88
11) bis(2-Chloroethyl)ether	7.40	93	282937	41.42	ng	96
12) 1,3-Dichlorobenzene	7.66	146	303143	35.88	ng	97
13) 1,4-Dichlorobenzene	7.78	146	335557	39.16	ng	97
14) 1,2-Dichlorobenzene	8.02	146	324680	40.60	ng	96
15) Benzyl Alcohol	8.05	79	260514	51.59	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.24	45	375621	38.85	ng	87
17) 2-Methylphenol	8.25	107	259729	42.61	ng	95
18) Hexachloroethane	8.53	117	111481	38.41	ng	# 86
19) n-Nitroso-di-n-propylamine	8.47	70	224938	42.36	ng	95
20) 3+4-Methylphenols	8.51	107	346601	41.85	ng	# 56
22) Acetophenone	8.44	105	448306	40.53	ng	# 84
24) Nitrobenzene	8.69	77	303484	39.60	ng	93
25) Isophorone	9.10	82	560220	42.91	ng	# 94
26) 2-Nitrophenol	9.20	139	174946	42.31	ng	99
27) 2,4-Dimethylphenol	9.33	122	280388	41.94	ng	97
28) bis(2-Chloroethoxy)methane	9.45	93	360342	39.90	ng	100
29) 2,4-Dichlorophenol	9.62	162	269392	42.68	ng	99
30) 1,2,4-Trichlorobenzene	9.70	180	258965	38.29	ng	99
31) Naphthalene	9.81	128	892230	38.51	ng	99
32) Benzoic acid	9.61	122	46067	14.47	ng	97
33) 4-Chloroaniline	9.96	127	167225	19.37	ng	# 92
34) Hexachlorobutadiene	10.02	225	128692	36.07	ng	99
35) Caprolactam	10.58	113	38874	20.51	ng	89
36) 4-Chloro-3-methylphenol	10.81	107	276446	40.96	ng	87
37) 2-Methylnaphthalene	10.93	142	632001	41.56	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.21	216	241403	39.15	ng	99
40) Hexachlorocyclopentadiene	11.18	237	85165	36.42	ng	98

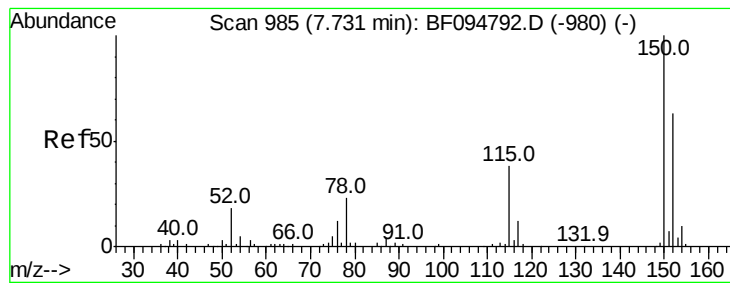
Data Path : Z:\HPCHEM1\BNA F\DATA\BF052317\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.44	196	174462	42.37	nq	97
43) 2,4,5-Trichlorophenol	11.54	196	157800	35.66	nq	94
45) 1,1'-Biphenyl	11.70	154	698167	41.35	nq	98
46) 2-Chloronaphthalene	11.72	162	536222	39.34	nq	98
47) 2-Nitroaniline	11.94	65	149796	40.15	nq	# 86
48) Acenaphthylene	12.37	152	852464	39.92	nq	99
49) Dimethylphthalate	12.25	163	817298	49.65	nq	100
50) 2,6-Dinitrotoluene	12.35	165	140864	41.94	nq	95
51) Acenaphthene	12.66	154	499435	39.16	nq	98
52) 3-Nitroaniline	12.62	138	101759	28.23	nq	90
53) 2,4-Dinitrophenol	12.84	184	62328	37.31	nq	# 68
54) Dibenzofuran	12.95	168	772936	43.80	nq	98
55) 4-Nitrophenol	13.02	139	146915	67.86	nq	# 73
56) 2,4-Dinitrotoluene	13.02	165	187907	43.54	nq	# 91
57) Fluorene	13.50	166	600084	39.10	nq	99
58) 2,3,4,6-Tetrachlorophenol	13.19	232	119096	42.76	nq	# 95
59) Diethylphthalate	13.39	149	619774	39.28	nq	100
60) 4-Chlorophenyl-phenylether	13.52	204	263231	39.03	nq	90
61) 4-Nitroaniline	13.62	138	112373	33.96	nq	96
62) Azobenzene	13.78	77	562404	44.36	nq	93
64) 4,6-Dinitro-2-methylphenol	13.69	198	74878	32.87	nq	# 67
65) n-Nitrosodiphenylamine	13.73	169	515514	41.80	nq	98
66) 4-Bromophenyl-phenylether	14.31	248	142886	39.80	nq	99
67) Hexachlorobenzene	14.40	284	138715	37.70	nq	# 89
68) Atrazine	14.65	200	154057	44.24	nq	96
69) Pentachlorophenol	14.75	266	93417	57.91	nq	98
70) Phenanthrene	15.05	178	782228	40.07	nq	99
71) Anthracene	15.13	178	803628	40.30	nq	98
72) Carbazole	15.41	167	722110	39.80	nq	97
73) Di-n-butylphthalate	15.97	149	920805	40.69	nq	98
74) Fluoranthene	16.79	202	708291	35.37	nq	98
76) Benzidine	17.02	184	221569	43.50	nq	# 93
77) Pyrene	17.09	202	687555	48.01	nq	99
79) Butylbenzylphthalate	17.98	149	313792	47.11	nq	# 87
80) Benzo(a)anthracene	18.67	228	443279	39.78	nq	97
81) 3,3'-Dichlorobenzidine	18.65	252	126087	32.76	nq	# 97
82) Chrysene	18.71	228	415187	38.53	nq	99
83) Bis(2-ethylhexyl)phthalate	18.73	149	418354	44.08	nq	# 100
84) Di-n-octyl phthalate	19.49	149	629853	40.48	nq	95
85) Indeno(1,2,3-cd)pyrene	21.68	276	474932	54.28	nq	100
87) Benzo(b)fluoranthene	19.95	252	412816	34.68	nq	98
88) Benzo(k)fluoranthene	19.98	252	465606	40.55	nq	95
89) Benzo(a)pyrene	20.30	252	433052	39.43	nq	96
90) Dibenzo(a,h)anthracene	21.69	278	397240	43.79	nq	96
91) Benzo(g,h,i)perylene	22.07	276	396995	44.60	nq	99

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

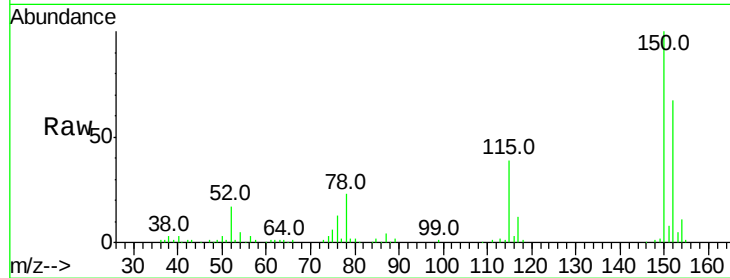


#1

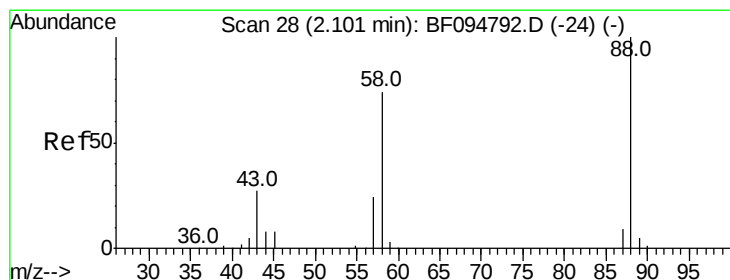
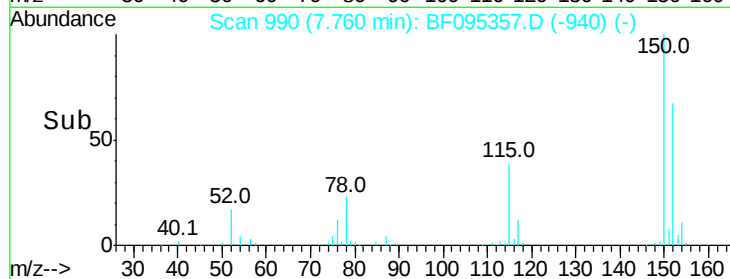
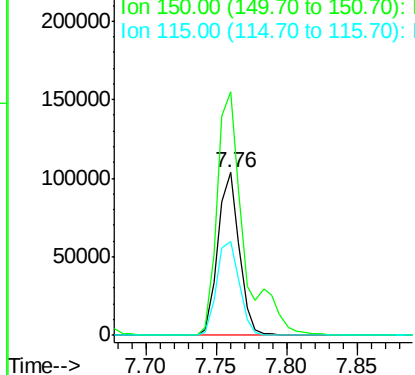
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF095357.D
Acq: 23 May 2017 18:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 109102
Ion Ratio Lower Upper
152 100
150 149.8 126.2 189.2
115 57.9 52.2 78.2



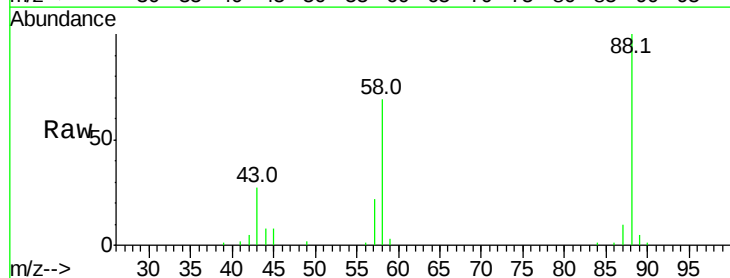
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



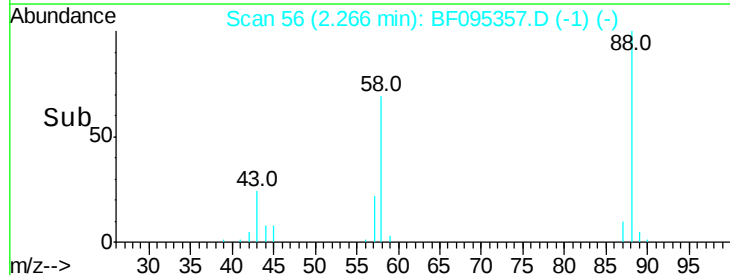
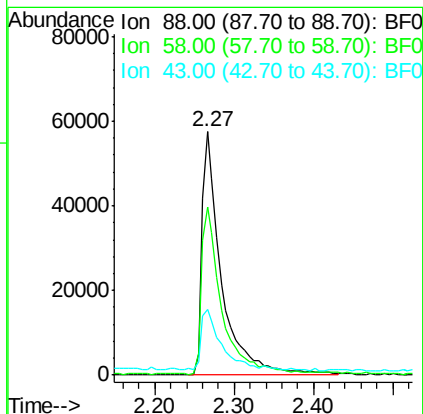
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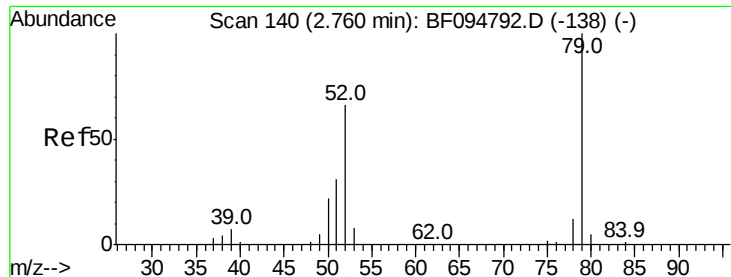
1,4-Dioxane
Concen: 30.98 ng
RT: 2.27 min Scan# 56
Delta R.T. 0.04 min
Lab File: BF095357.D
Acq: 23 May 2017 18:21

Tgt Ion: 88 Resp: 99425
Ion Ratio Lower Upper
88 100
58 72.5 61.4 92.0
43 24.9 23.4 35.0



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





#3

Pvridine

Concen: 31.23 ng

RT: 2.98 min Scan# 177

Delta R.T. 0.05 min

Lab File: BF095357.D

Acq: 23 May 2017 18:21

Instrument :

BNA_F

ClientSampleId :

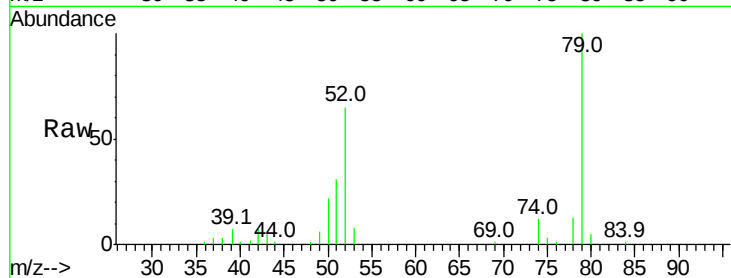
Tot Ion: 79 Resp: 232322

Ion Ratio Lower Upper

79 100

52 64.9 54.8 82.2

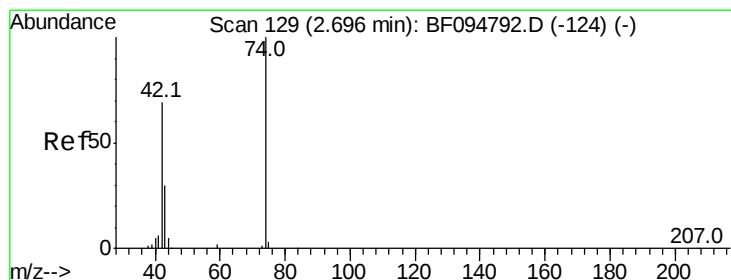
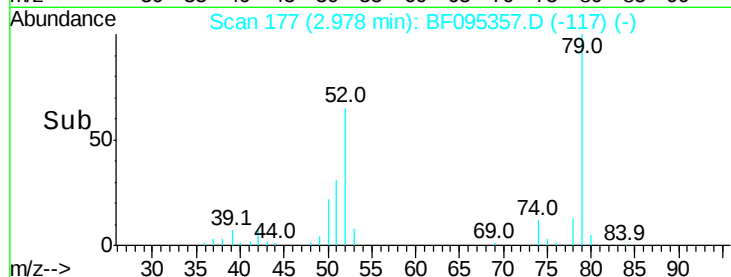
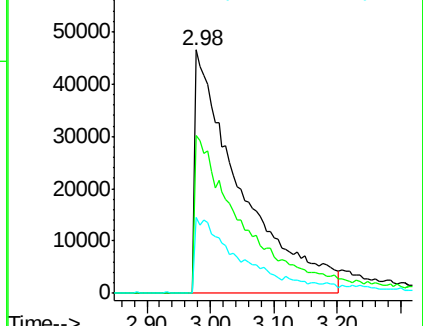
51 31.4 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 31.68 ng

RT: 2.90 min Scan# 163

Delta R.T. 0.05 min

Lab File: BF095357.D

Acq: 23 May 2017 18:21

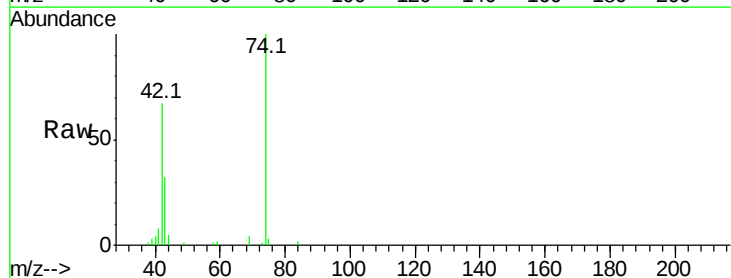
Tgt Ion: 42 Resp: 98238

Ion Ratio Lower Upper

42 100

74 149.4 103.9 155.9

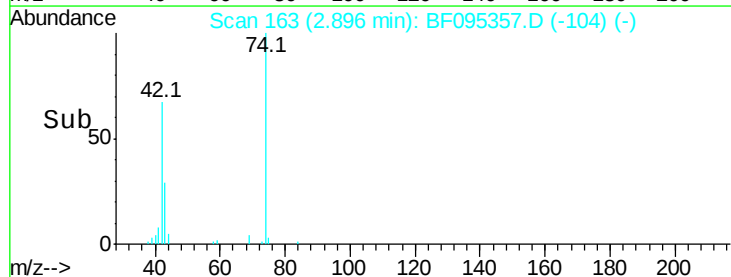
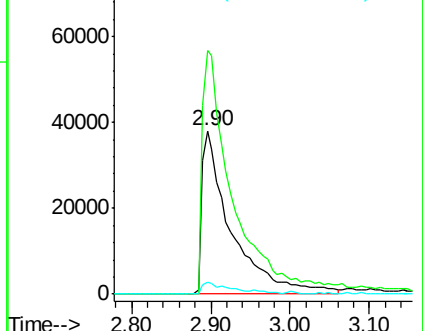
44 7.4 5.7 8.5

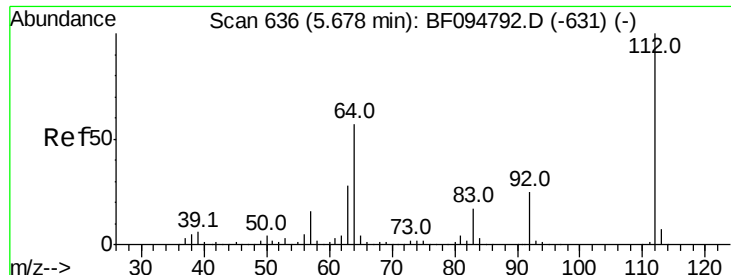


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 131.37 ng

RT: 5.73 min Scan# 645

Delta R.T. -0.01 min

Lab File: BF095357.D

Acq: 23 May 2017 18:21

Instrument :

BNA_F

ClientSampleId :

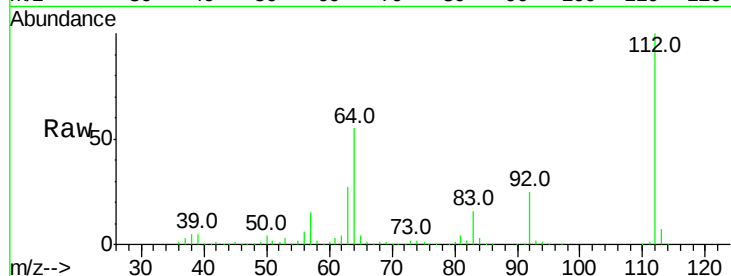
Tot Ion:112 Resp: 859675

Ion Ratio Lower Upper

112 100

64 55.4 46.0 69.0

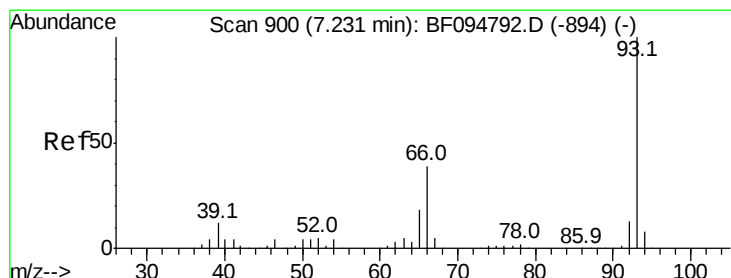
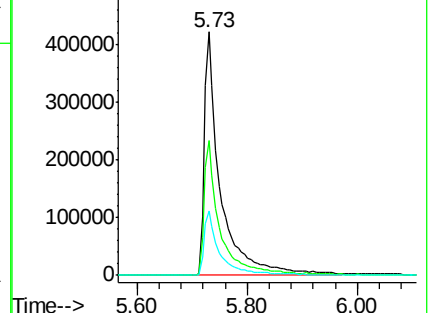
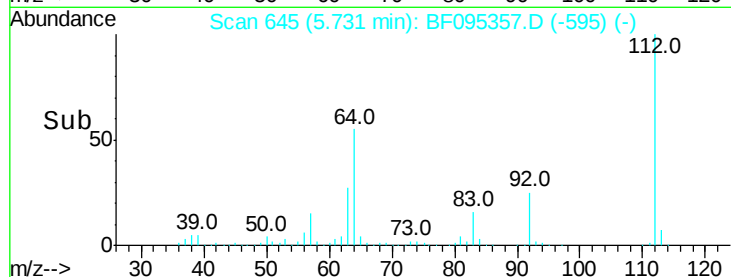
63 26.7 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 36.77 ng

RT: 7.27 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF095357.D

Acq: 23 May 2017 18:21

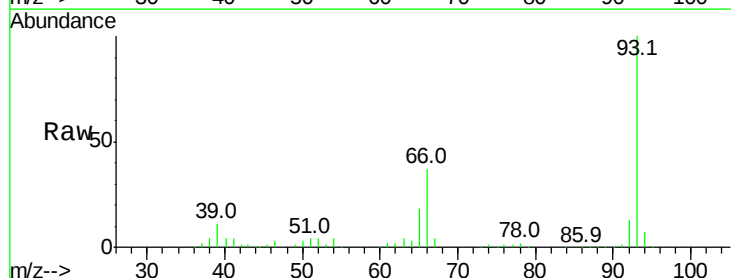
Tgt Ion: 93 Resp: 364510

Ion Ratio Lower Upper

93 100

66 37.4 32.9 49.3

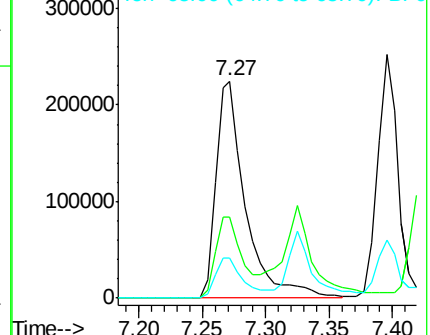
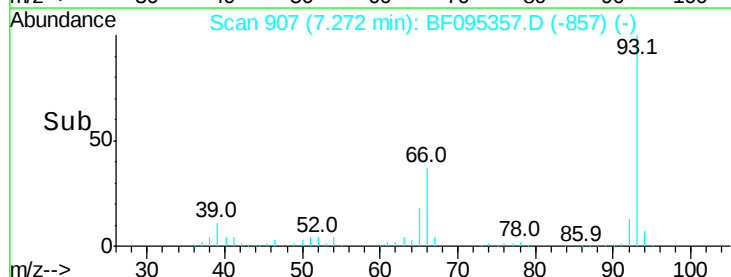
65 18.3 16.0 24.0

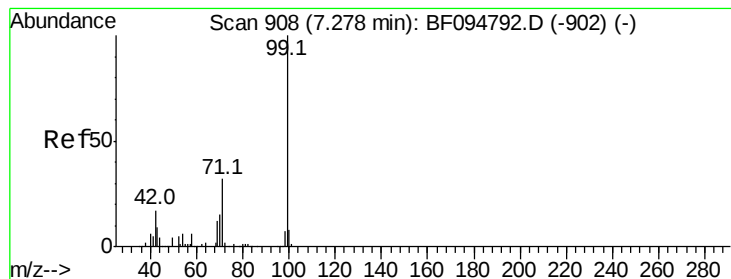


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 127.36 ng

RT: 7.31 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF095357.D

Acq: 23 May 2017 18:21

Instrument :

BNA_F

ClientSampleId :

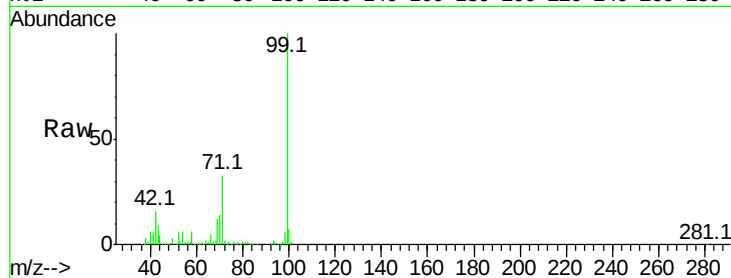
Tot Ion: 99 Resp: 1000016

Ion Ratio Lower Upper

99 100

42 16.2 13.5 20.3

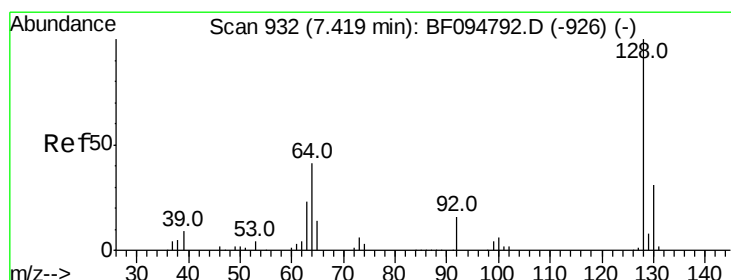
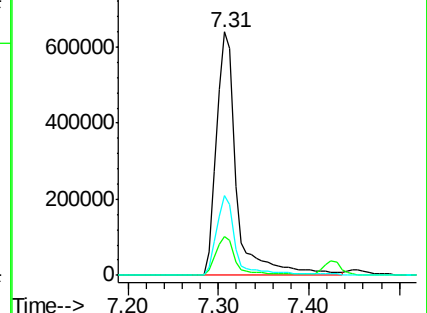
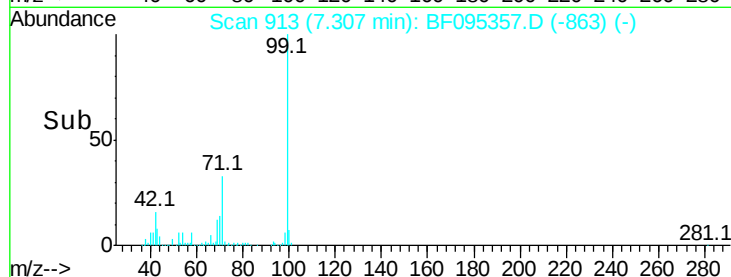
71 32.6 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.92 ng

RT: 7.45 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF095357.D

Acq: 23 May 2017 18:21

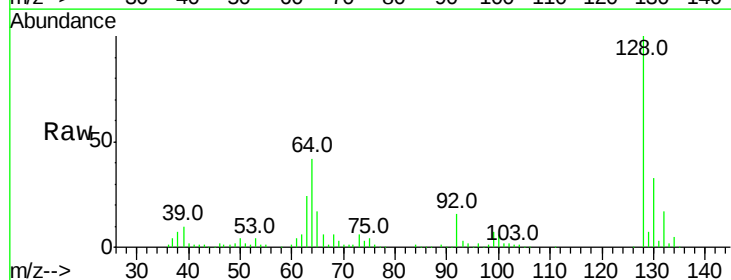
Tgt Ion: 128 Resp: 319690

Ion Ratio Lower Upper

128 100

130 33.0 12.9 52.9

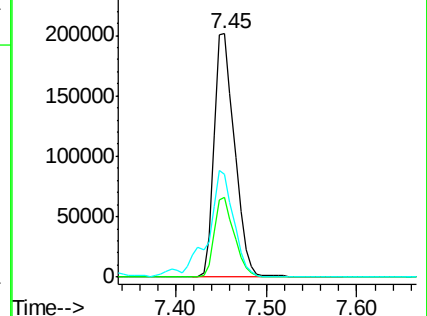
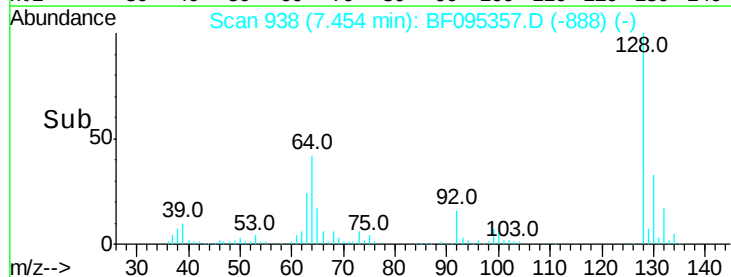
64 42.2 28.4 68.4

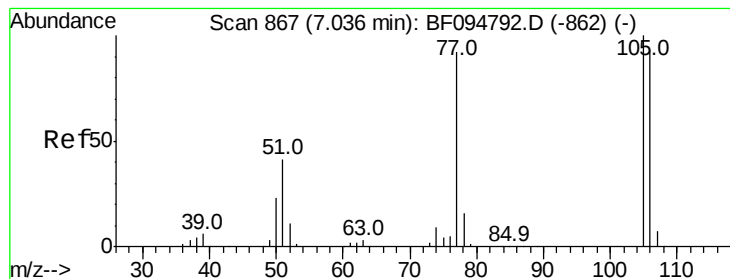


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 17.84 ng

RT: 7.10 min Scan# 877

Delta R.T. 0.01 min

Lab File: BF095357.D

Acq: 23 May 2017 18:21

Instrument :

BNA_F

ClientSampleId :

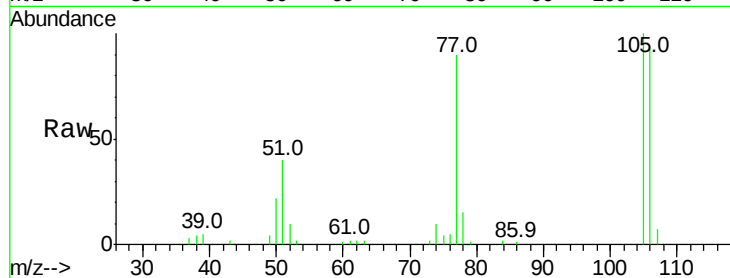
Tot Ion: 77 Resp: 85543

Ion Ratio Lower Upper

77 100

105 110.7 83.8 123.8

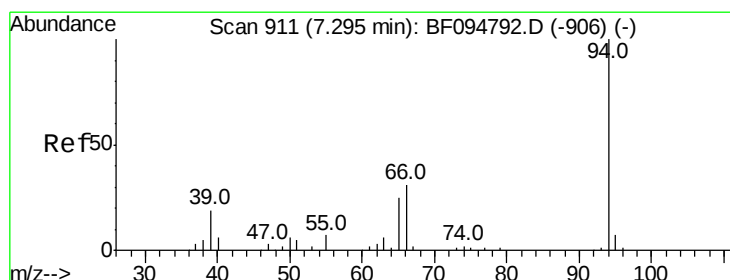
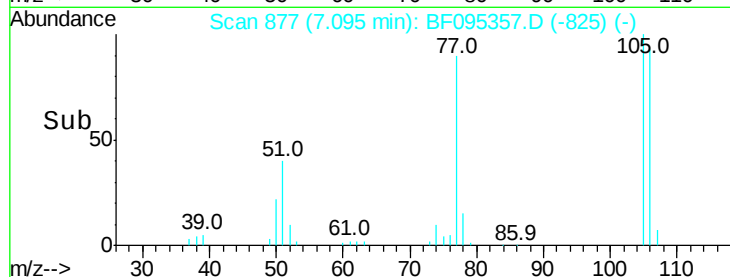
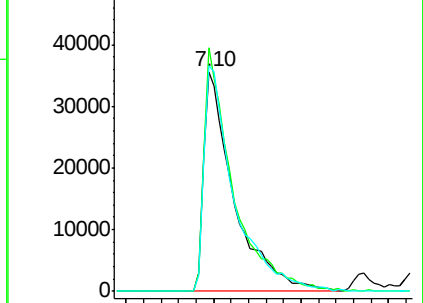
106 102.5 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 41.52 ng

RT: 7.32 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF095357.D

Acq: 23 May 2017 18:21

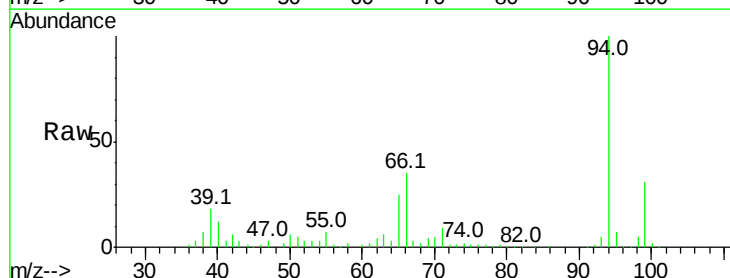
Tgt Ion: 94 Resp: 343534

Ion Ratio Lower Upper

94 100

65 25.0 9.9 49.9

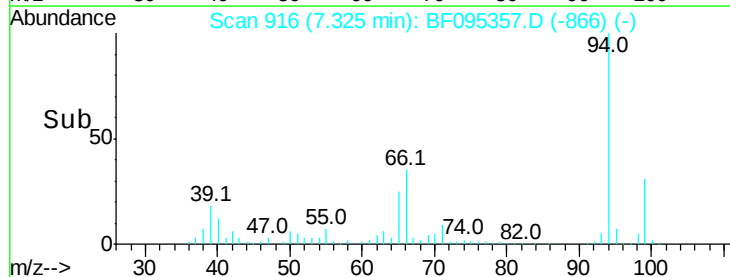
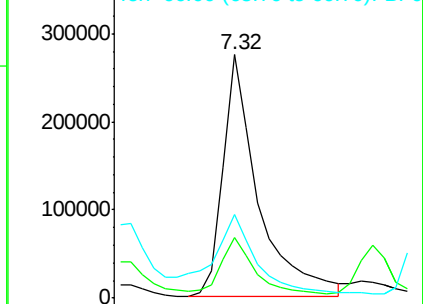
66 34.6 23.1 63.1

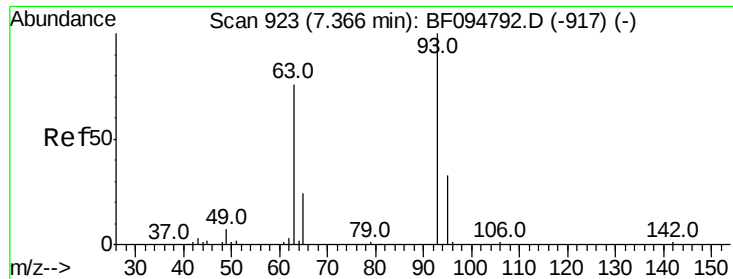


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 41.42 ng

RT: 7.40 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF095357.D

Acq: 23 May 2017 18:21

Instrument :

BNA_F

ClientSampleId :

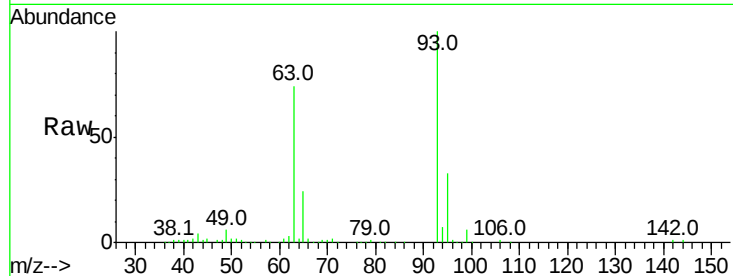
Tot Ion: 93 Resp: 282937

Ion Ratio Lower Upper

93 100

63 74.3 59.2 99.2

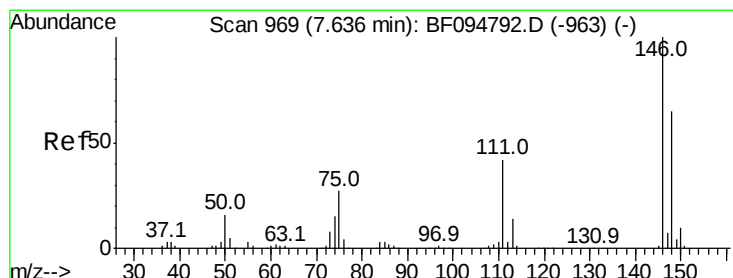
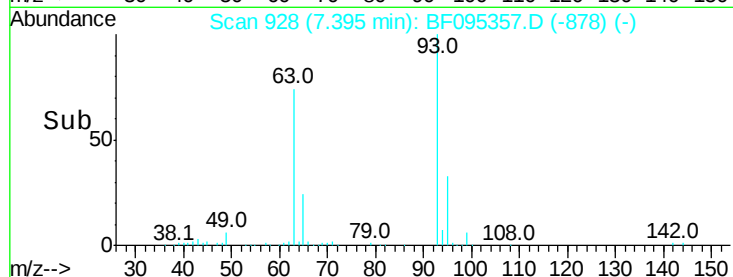
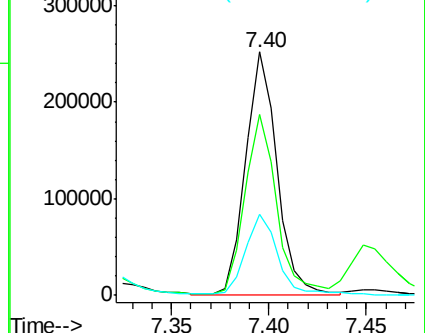
95 33.3 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 35.88 ng

RT: 7.66 min Scan# 973

Delta R.T. -0.01 min

Lab File: BF095357.D

Acq: 23 May 2017 18:21

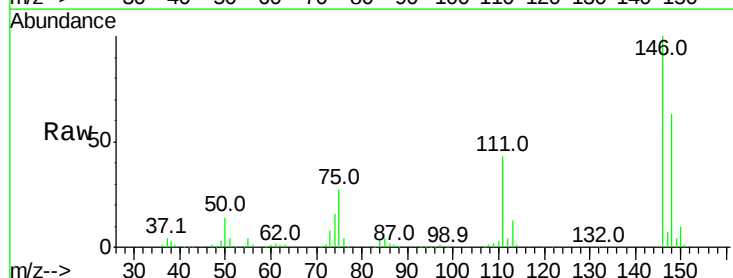
Tgt Ion: 146 Resp: 303143

Ion Ratio Lower Upper

146 100

148 62.6 51.8 77.6

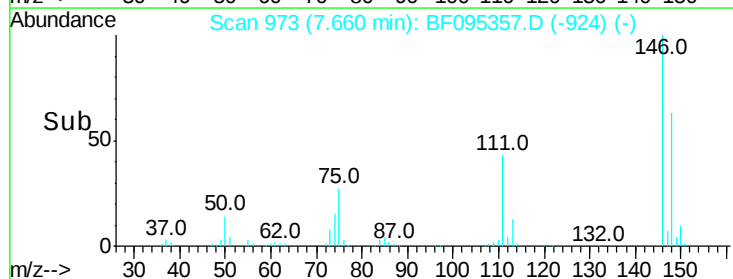
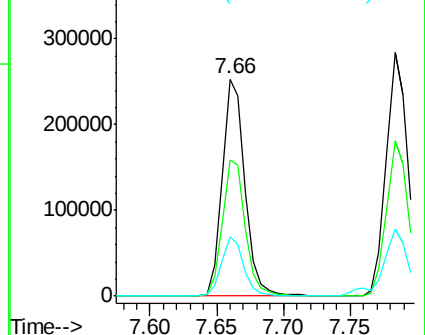
75 27.3 23.1 34.7

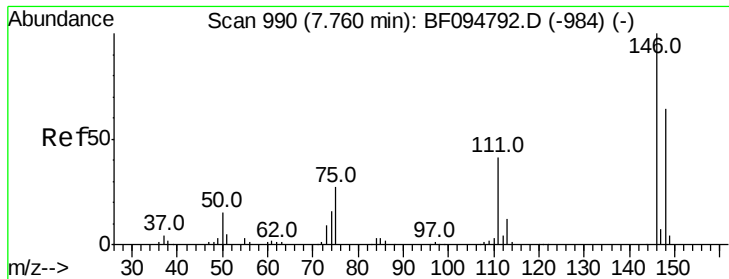


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 39.16 ng

RT: 7.78 min Scan# 994

Delta R.T. -0.01 min

Lab File: BF095357.D

Acq: 23 May 2017 18:21

Instrument :

BNA_F

ClientSampleId :

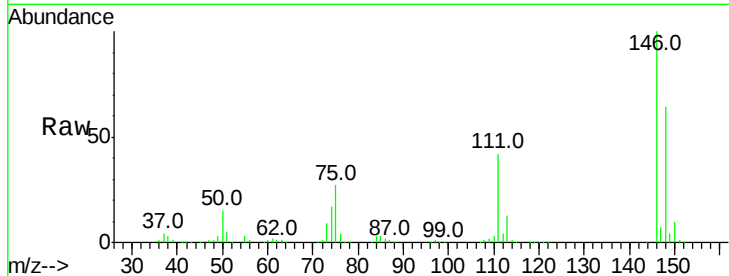
Tot Ion:146 Resp: 335557

Ion Ratio Lower Upper

146 100

148 63.8 52.2 78.2

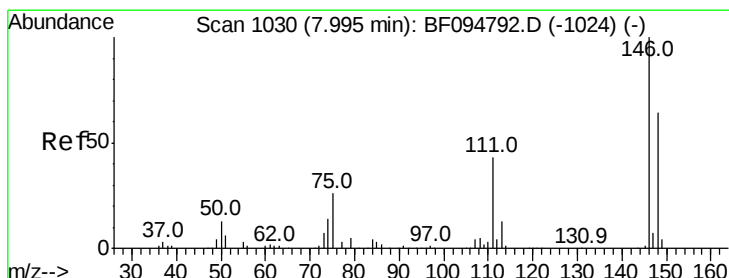
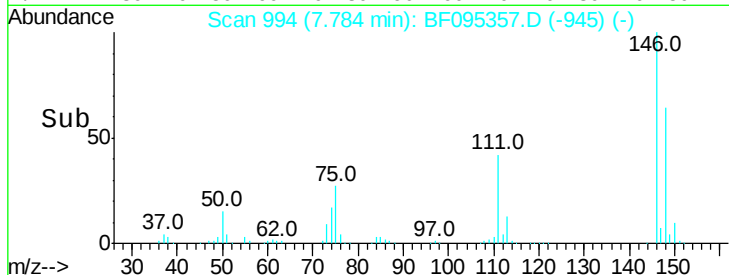
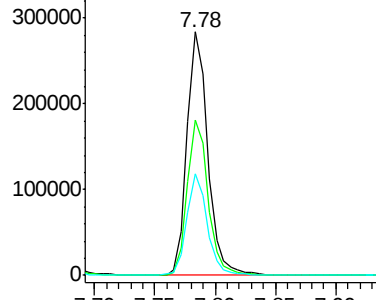
111 41.5 30.3 45.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.60 ng

RT: 8.02 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF095357.D

Acq: 23 May 2017 18:21

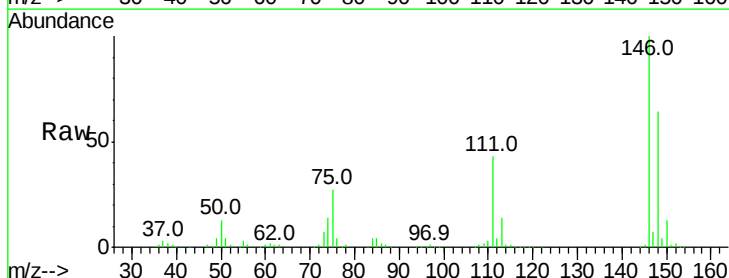
Tgt Ion:146 Resp: 324680

Ion Ratio Lower Upper

146 100

148 64.1 50.4 75.6

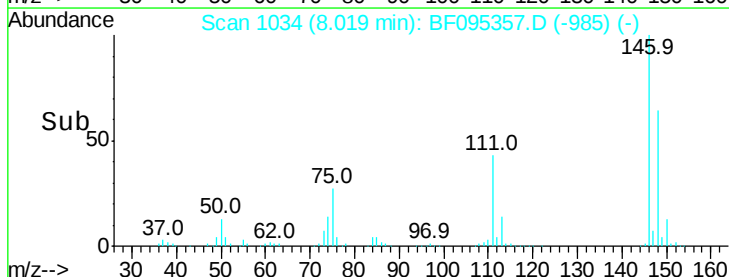
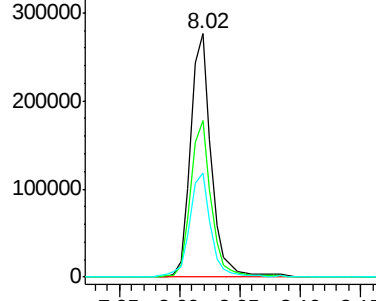
111 42.7 38.2 57.4

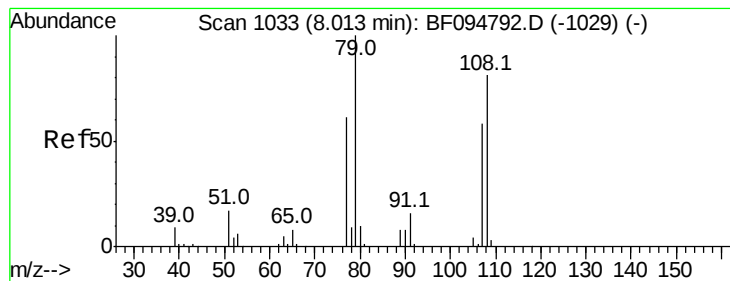


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 51.59 ng

RT: 8.05 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF095357.D

Acq: 23 May 2017 18:21

Instrument :

BNA_F

ClientSampleId :

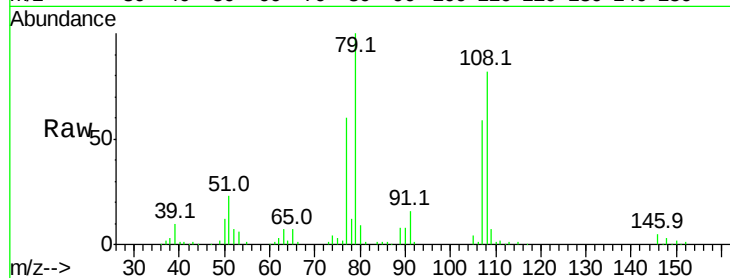
Tot Ion: 79 Resp: 260514

Ion Ratio Lower Upper

79 100

108 82.4 63.4 95.0

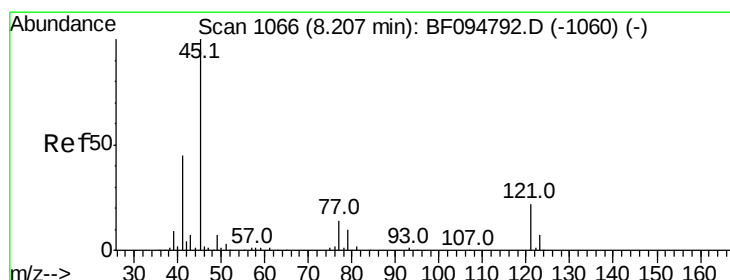
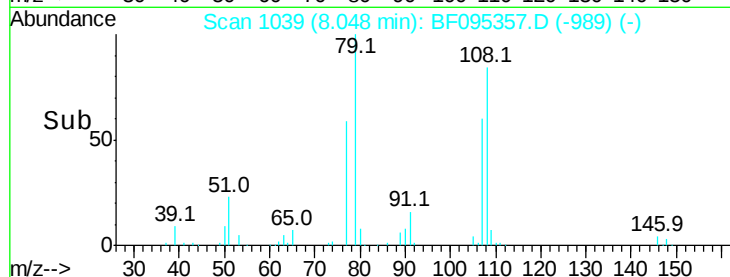
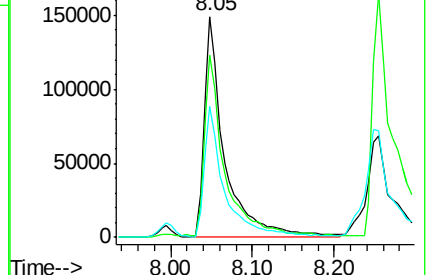
77 59.6 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.85 ng

RT: 8.24 min Scan# 1072

Delta R.T. -0.01 min

Lab File: BF095357.D

Acq: 23 May 2017 18:21

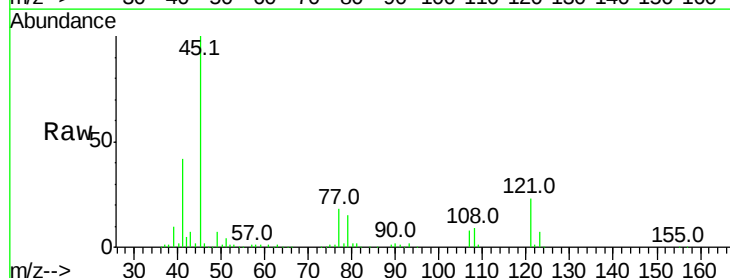
Tgt Ion: 45 Resp: 375621

Ion Ratio Lower Upper

45 100

77 18.1 0.0 33.2

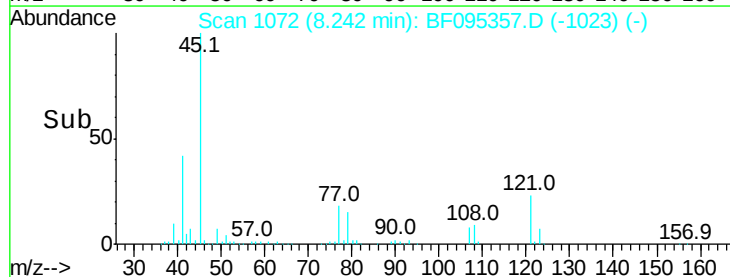
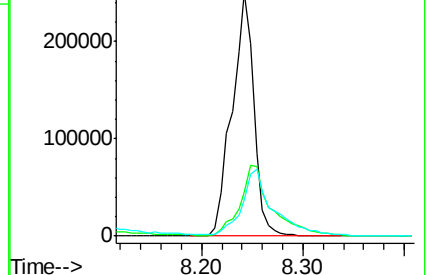
79 14.8 0.0 30.0

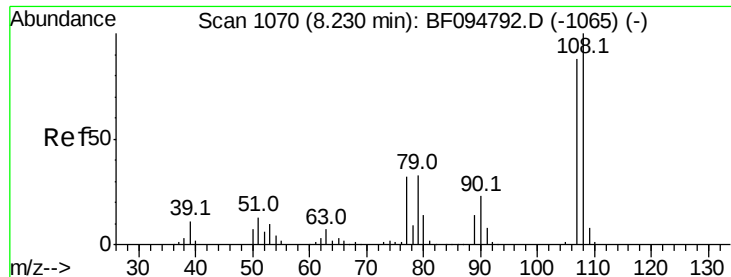


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

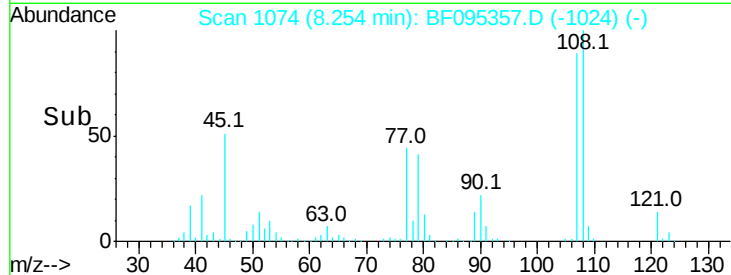
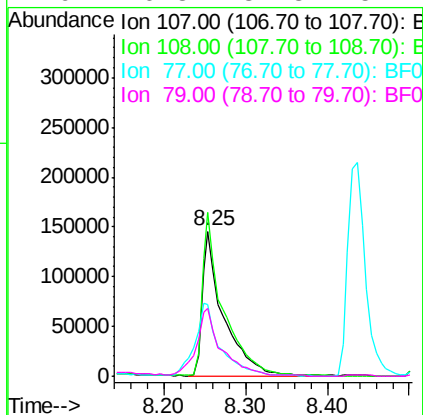
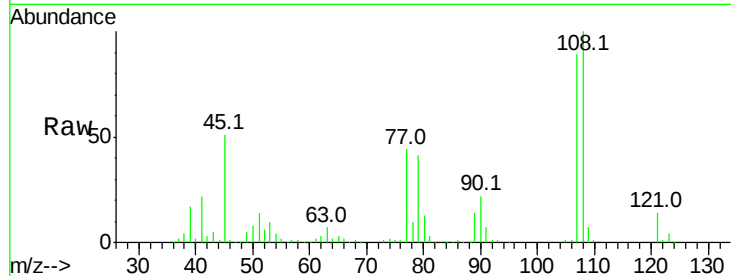




#17
2-Methylphenol
Concen: 42.61 ng
RT: 8.25 min Scan# 1074
Delta R.T. -0.01 min
Lab File: BF095357.D
Acq: 23 May 2017 18:21

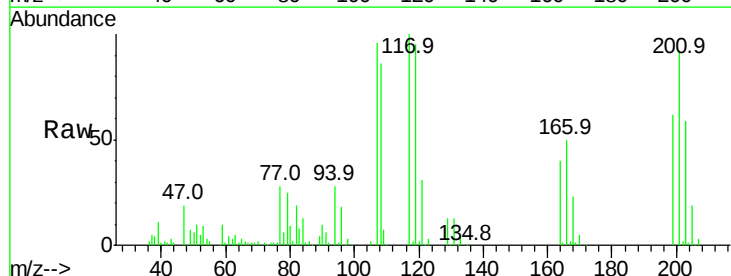
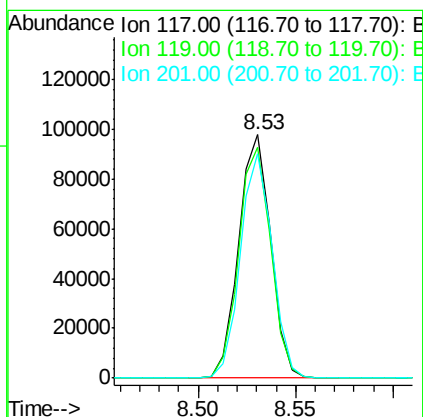
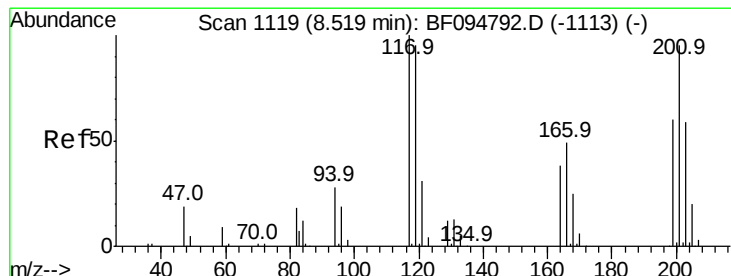
Instrument :
BNA_F
ClientSampleId :

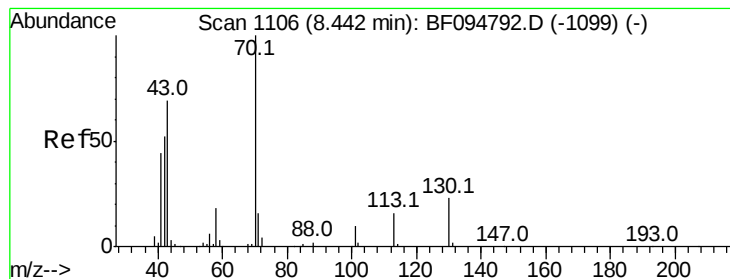
Tot Ion:107 Resp: 259729
Ion Ratio Lower Upper
107 100
108 113.0 93.4 140.0
77 49.4 35.8 53.6
79 46.8 34.8 52.2



#18
Hexachloroethane
Concen: 38.41 ng
RT: 8.53 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF095357.D
Acq: 23 May 2017 18:21

Tgt Ion:117 Resp: 111481
Ion Ratio Lower Upper
117 100
119 95.0 77.4 116.0
201 92.1 94.6 141.8#





#19

n-Nitroso-di-n-propylamine

Concen: 42.36 ng

RT: 8.47 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BF095357.D

Acq: 23 May 2017 18:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 224938

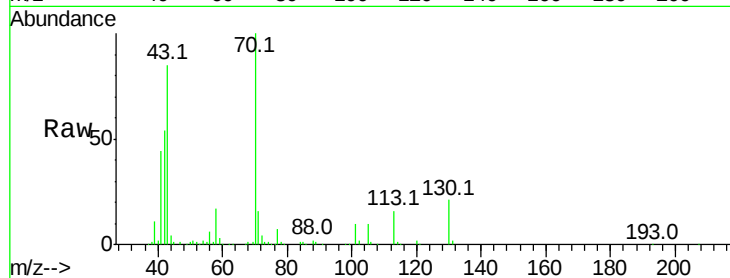
Ion Ratio Lower Upper

70 100

42 54.2 47.2 70.8

101 10.0 7.2 10.8

130 21.5 15.9 23.9

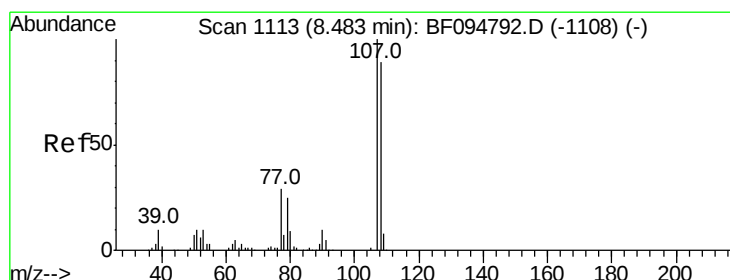
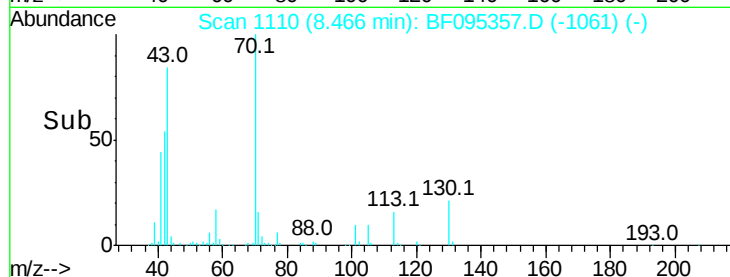
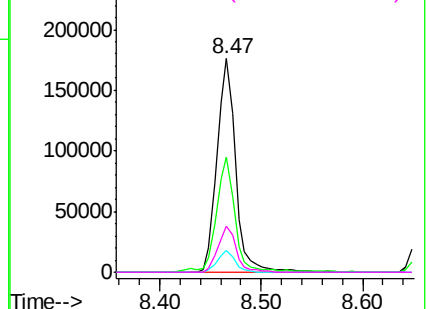


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 41.85 ng

RT: 8.51 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BF095357.D

Acq: 23 May 2017 18:21

Tgt Ion: 107 Resp: 346601

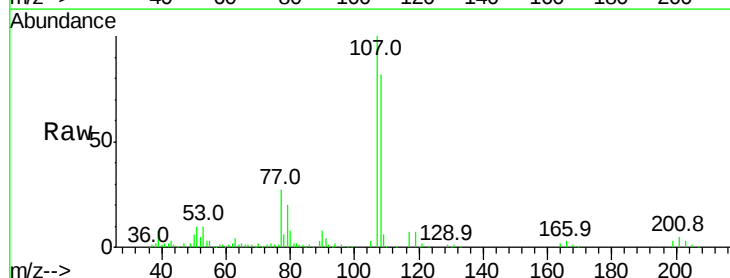
Ion Ratio Lower Upper

107 100

108 82.2 71.0 111.0

77 26.5 90.5 130.5#

79 20.2 8.4 48.4

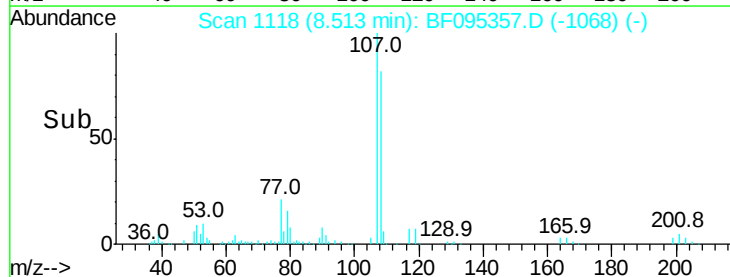
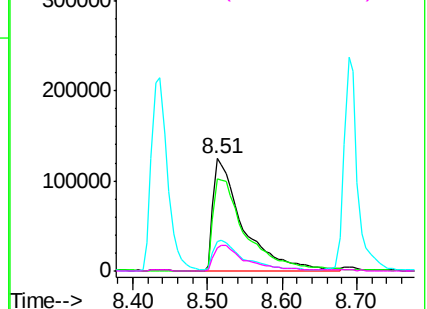


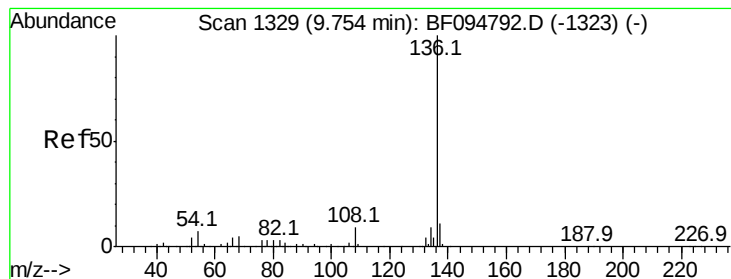
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.77 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF095357.D

Acq: 23 May 2017 18:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 461005

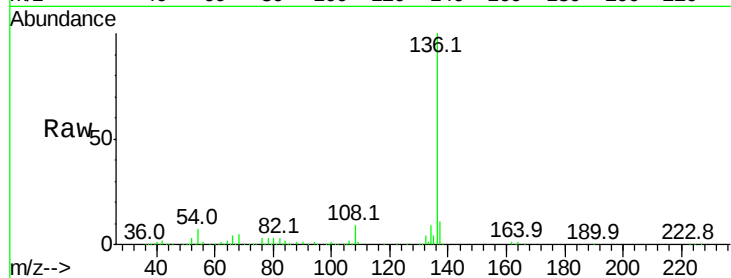
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.9 4.9 7.3

68 5.4 4.1 6.1

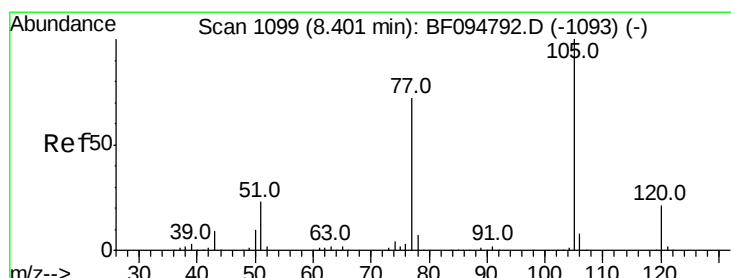
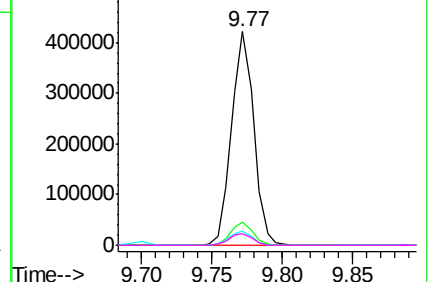
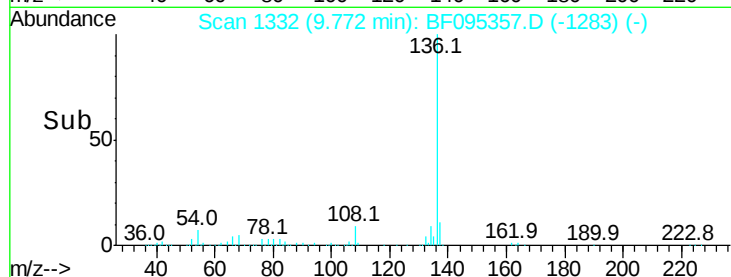


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.53 ng

RT: 8.44 min Scan# 1105

Delta R.T. -0.01 min

Lab File: BF095357.D

Acq: 23 May 2017 18:21

Tgt Ion:105 Resp: 448306

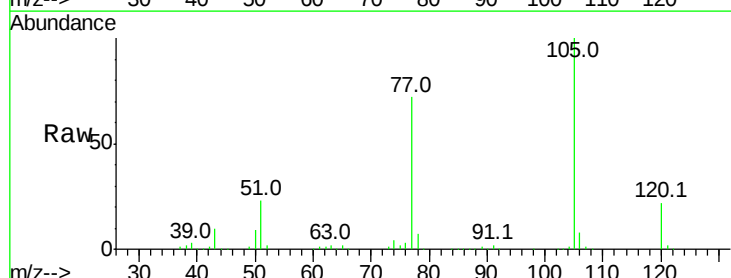
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 22.7 30.7 46.1#

120 21.9 17.4 26.0

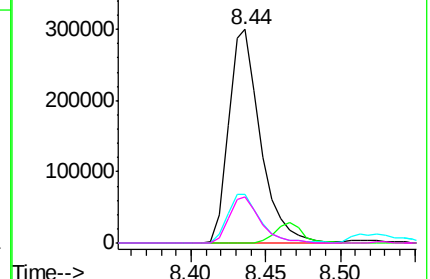
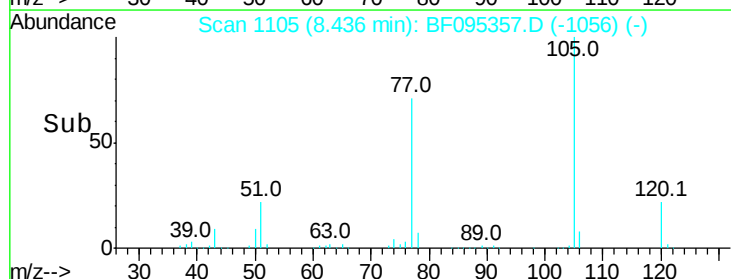


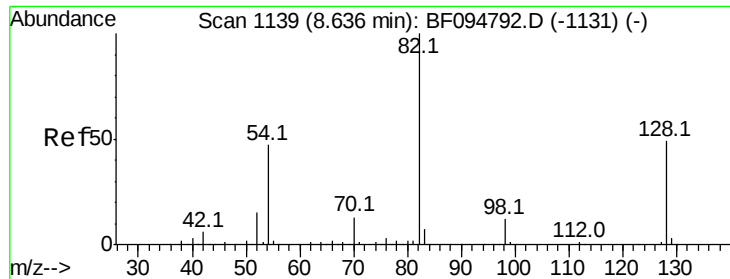
Abundance Ion 105.00 (104.70 to 105.70): E

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

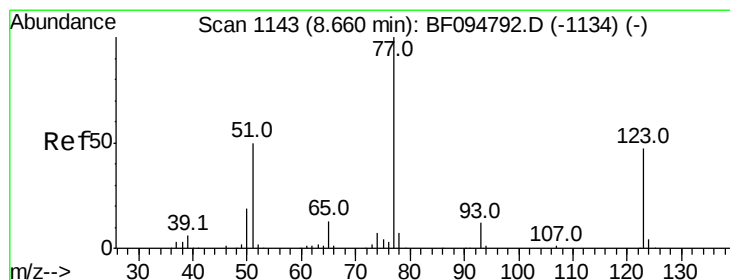
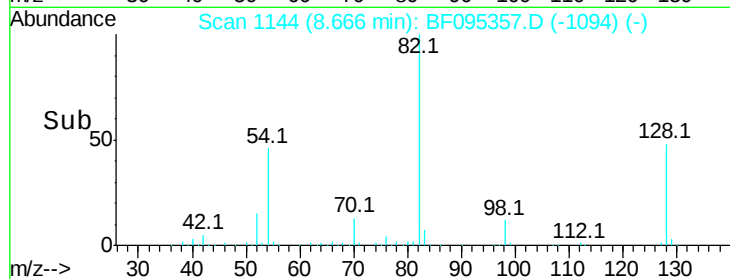
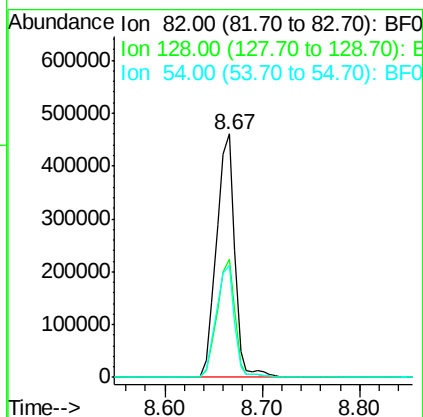
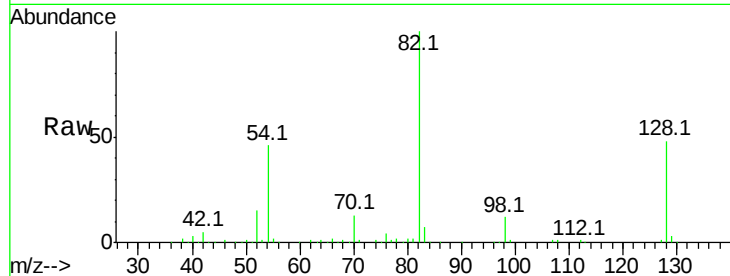




#23
 Nitrobenzene-d5
 Concen: 82.07 ng
 RT: 8.67 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BF095357.D
 Acq: 23 May 2017 18:21

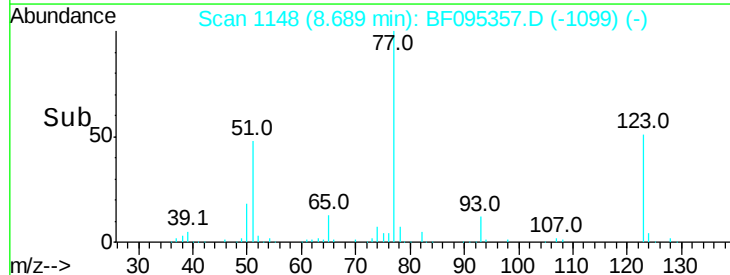
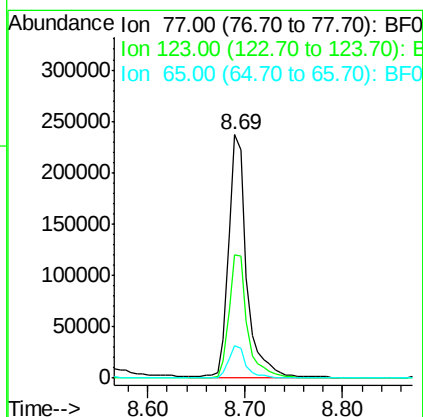
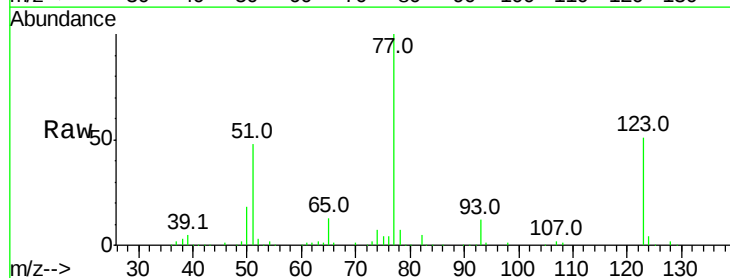
Instrument :
 BNA_F
 ClientSampleId :

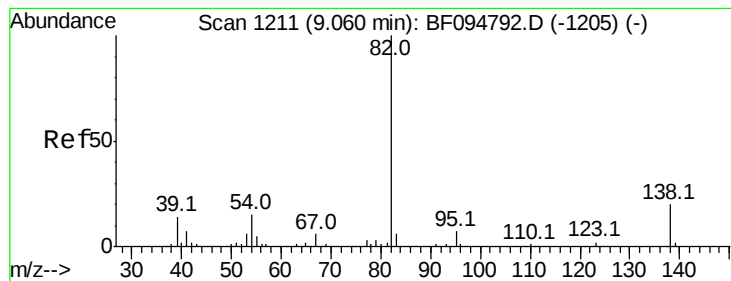
Tot Ion	82	Resp	600022
Ion	Ratio	Lower	Upper
82	100		
128	48.4	34.0	51.0
54	46.1	42.2	63.2



#24
 Nitrobenzene
 Concen: 39.60 ng
 RT: 8.69 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF095357.D
 Acq: 23 May 2017 18:21

Tgt Ion	77	Resp	303484
Ion	Ratio	Lower	Upper
77	100		
123	50.6	35.8	53.8
65	13.2	10.6	15.8





#25

Isophorone

Concen: 42.91 ng

RT: 9.10 min Scan# 1217

Delta R.T. -0.01 min

Lab File: BF095357.D

Acq: 23 May 2017 18:21

Instrument :

BNA_F

ClientSampled :

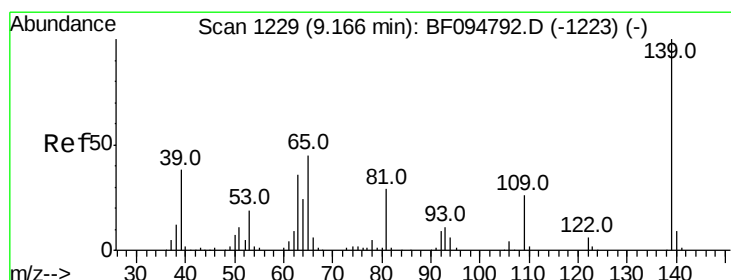
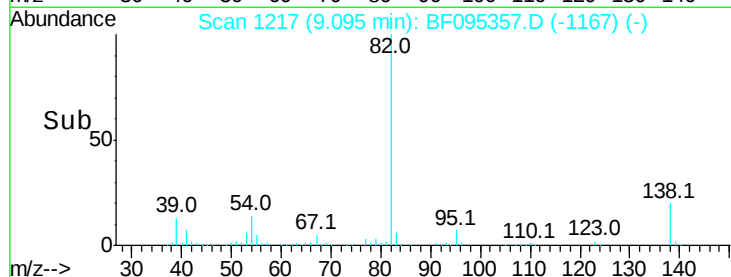
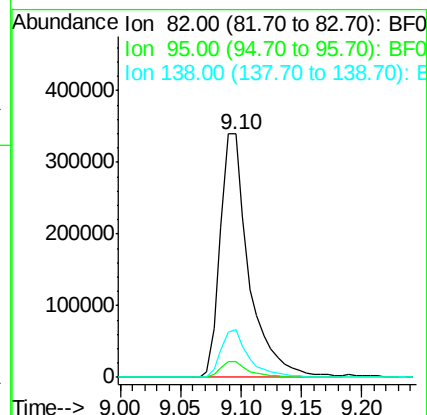
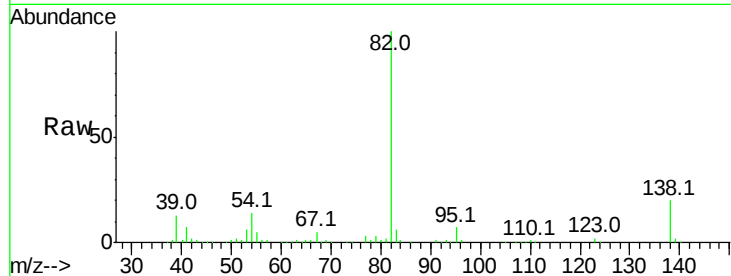
Tot Ion: 82 Resp: 560220

Ion Ratio Lower Upper

82 100

95 6.6 5.3 7.9

138 19.9 13.1 19.7#



#26

2-Nitrophenol

Concen: 42.31 ng

RT: 9.20 min Scan# 1234

Delta R.T. -0.01 min

Lab File: BF095357.D

Acq: 23 May 2017 18:21

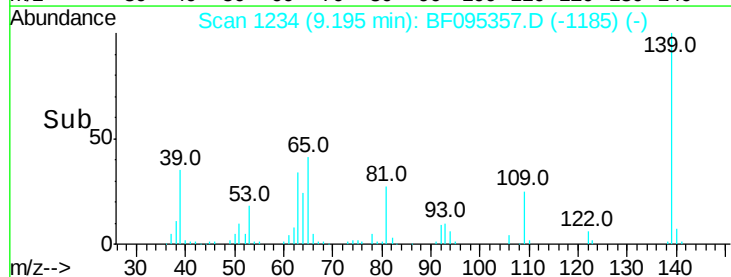
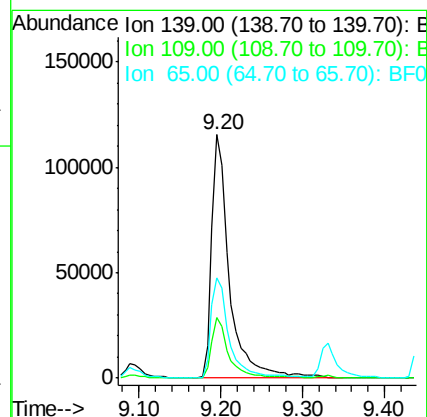
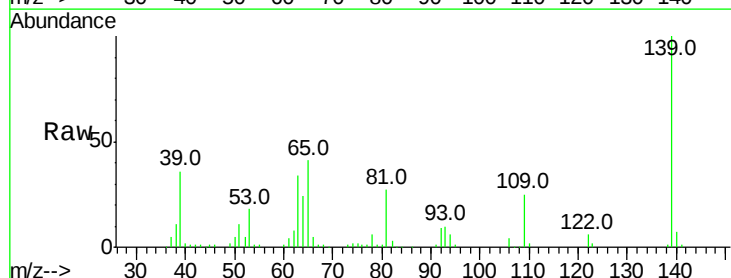
Tgt Ion:139 Resp: 174946

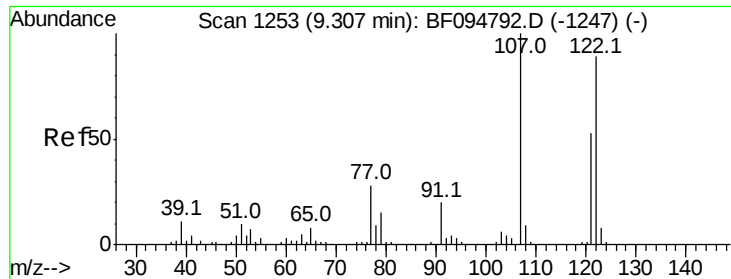
Ion Ratio Lower Upper

139 100

109 25.0 21.0 31.6

65 41.0 33.0 49.6

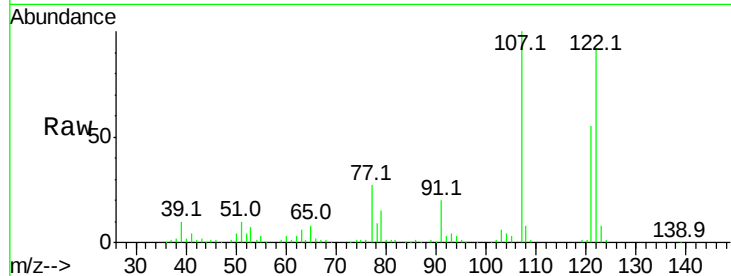




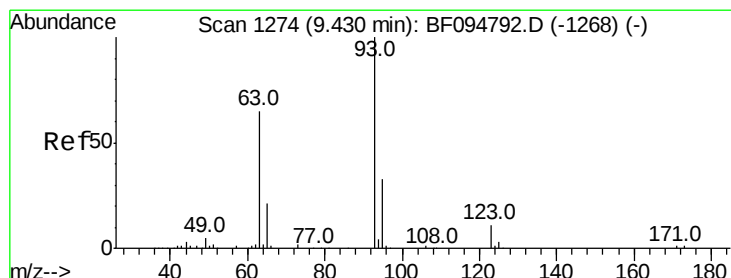
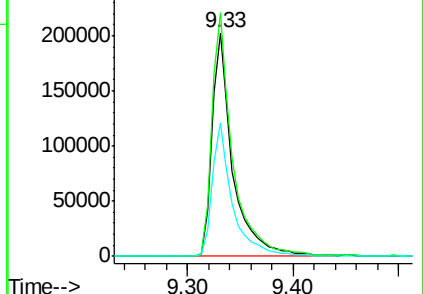
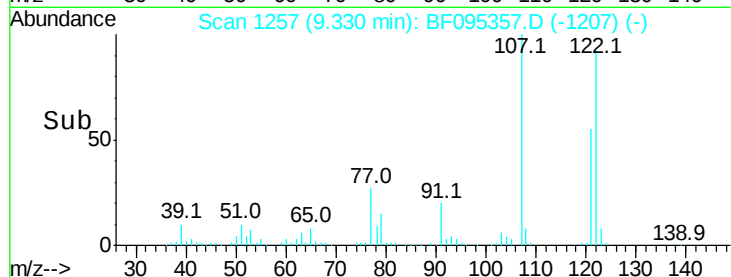
#27
 2,4-Dimethylphenol
 Concen: 41.94 ng
 RT: 9.33 min Scan# 1257
 Delta R.T. -0.01 min
 Lab File: BF095357.D
 Acq: 23 May 2017 18:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 280388
 Ion Ratio Lower Upper
 122 100
 107 108.9 89.2 133.8
 121 59.5 45.2 67.8

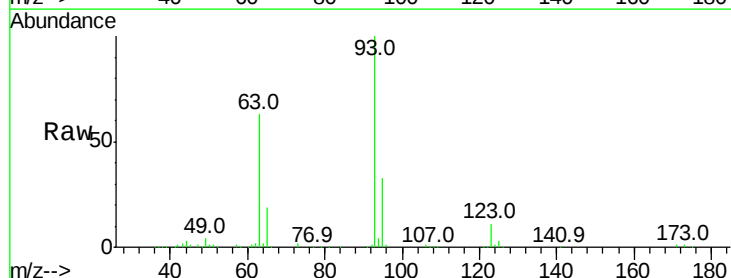


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

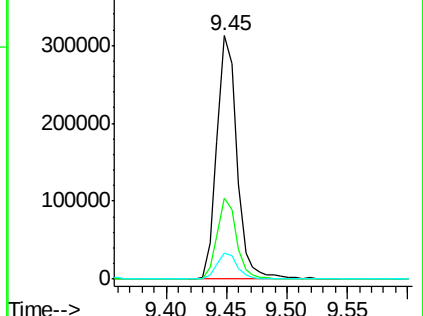
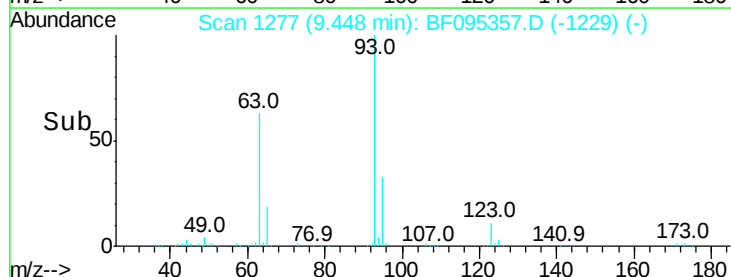


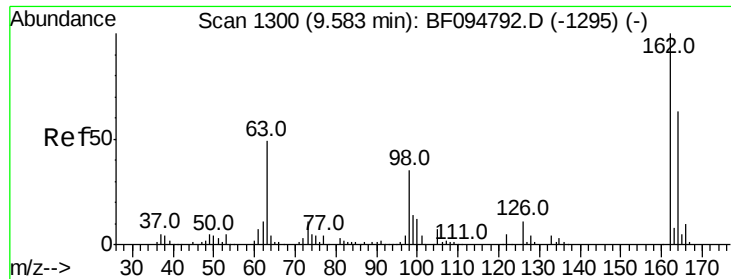
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.90 ng
 RT: 9.45 min Scan# 1277
 Delta R.T. -0.02 min
 Lab File: BF095357.D
 Acq: 23 May 2017 18:21

Tgt Ion: 93 Resp: 360342
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.5 39.7
 123 10.9 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

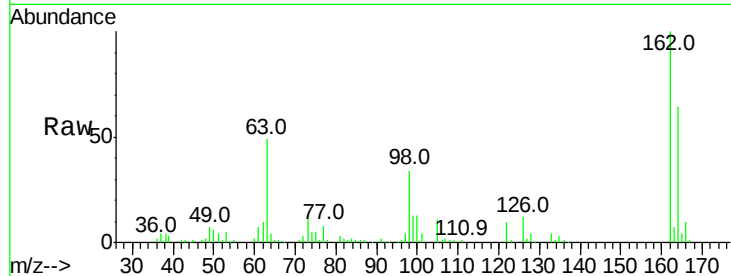




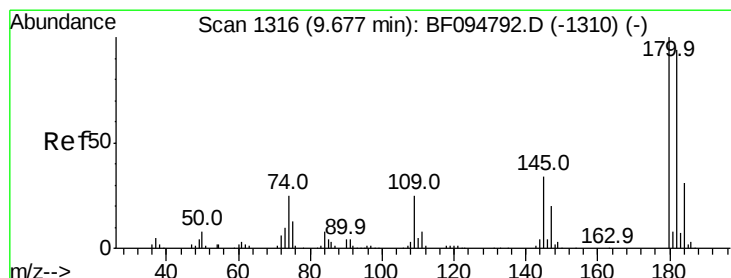
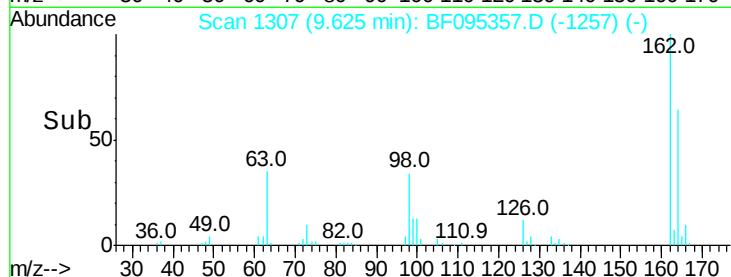
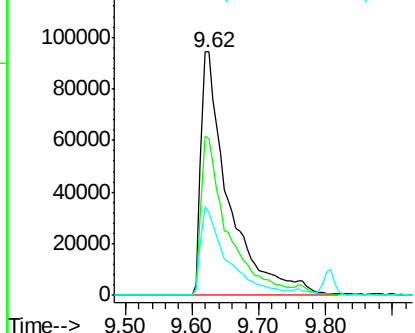
#29
 2,4-Dichlorophenol
 Concen: 42.68 ng
 RT: 9.62 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF095357.D
 Acq: 23 May 2017 18:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.6	84.6
98	33.9	14.8	54.8

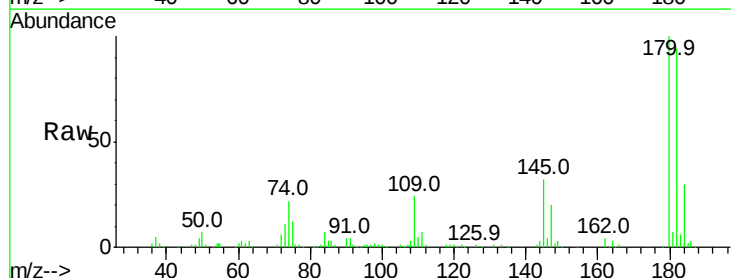


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

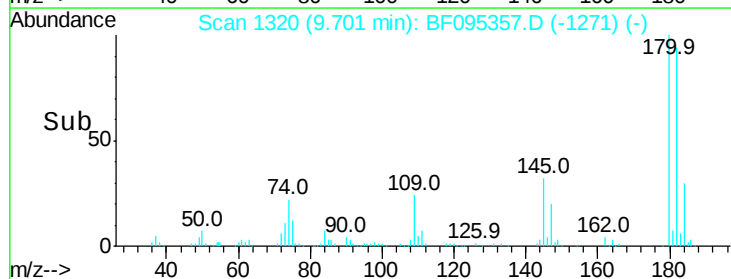
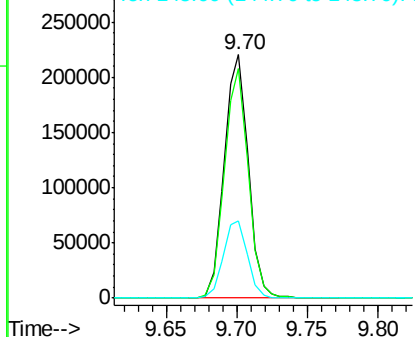


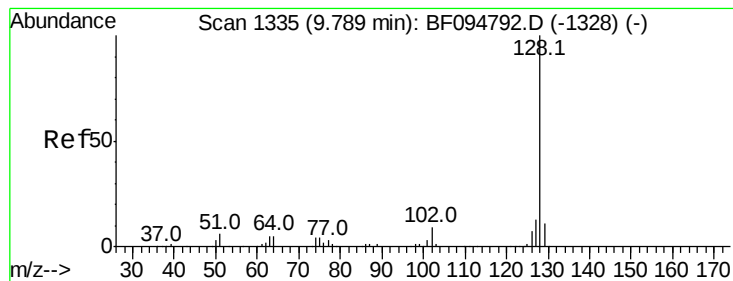
#30
 1,2,4-Trichlorobenzene
 Concen: 38.29 ng
 RT: 9.70 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF095357.D
 Acq: 23 May 2017 18:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	75.8	113.6
145	31.8	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: 38.51 ng

RT: 9.81 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF095357.D

Acq: 23 May 2017 18:21

Instrument :

BNA_F

ClientSampleId :

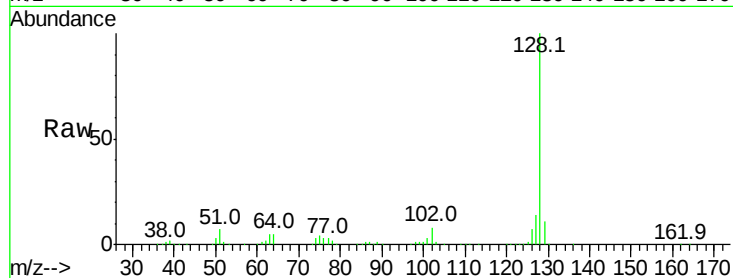
Tot Ion:128 Resp: 892230

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.6

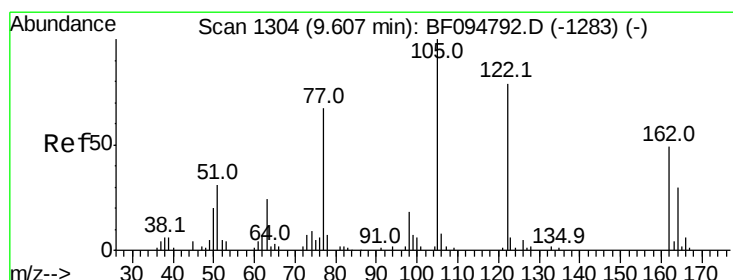
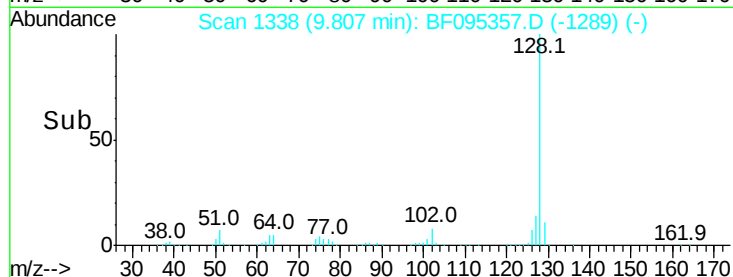
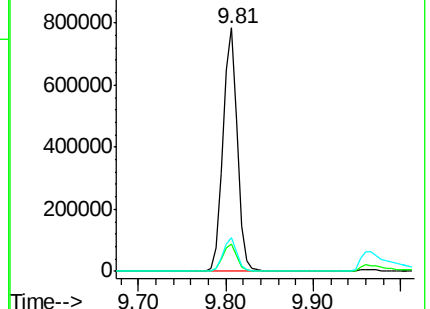
127 13.7 10.8 16.2



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: 14.47 ng

RT: 9.61 min Scan# 1305

Delta R.T. -0.05 min

Lab File: BF095357.D

Acq: 23 May 2017 18:21

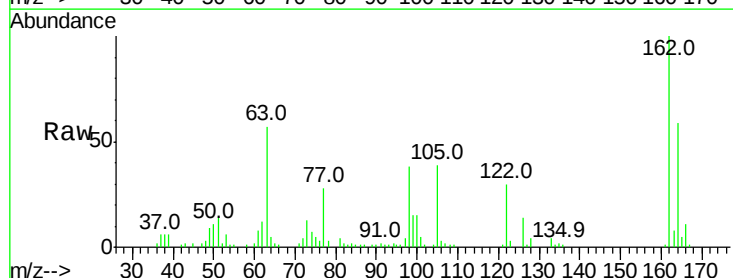
Tgt Ion:122 Resp: 46067

Ion Ratio Lower Upper

122 100

105 128.7 103.3 143.3

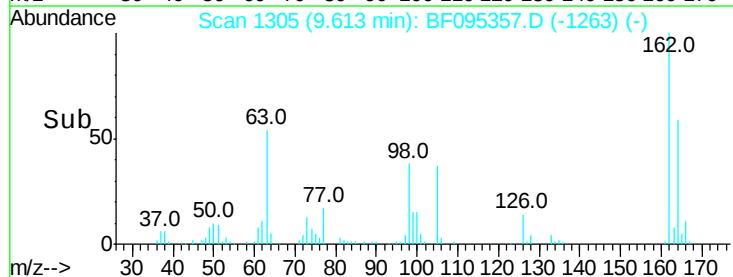
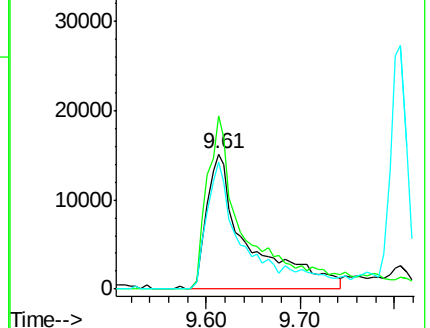
77 94.0 73.7 113.7

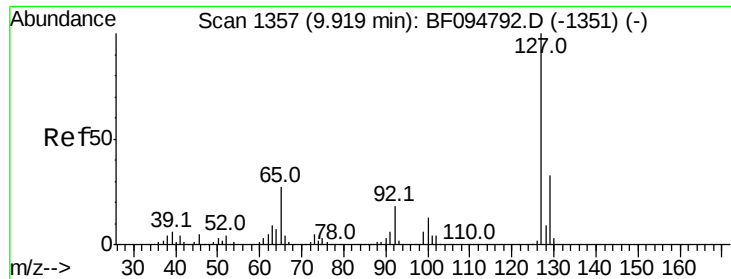


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

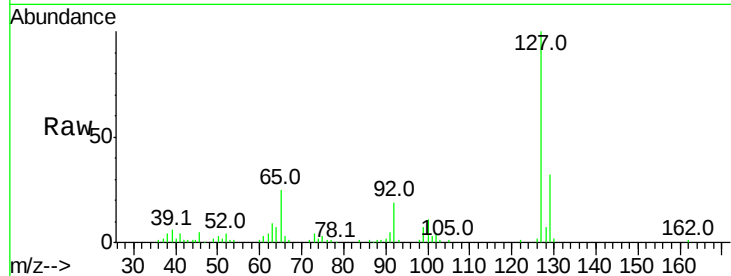




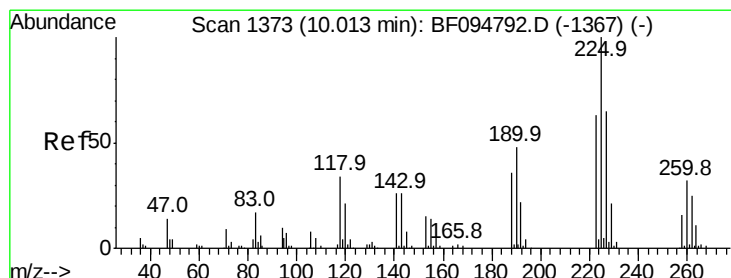
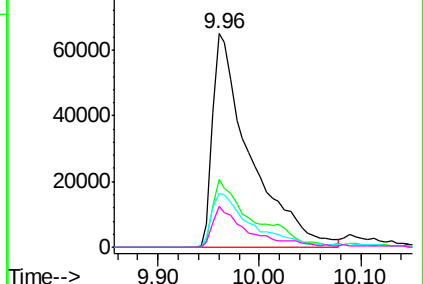
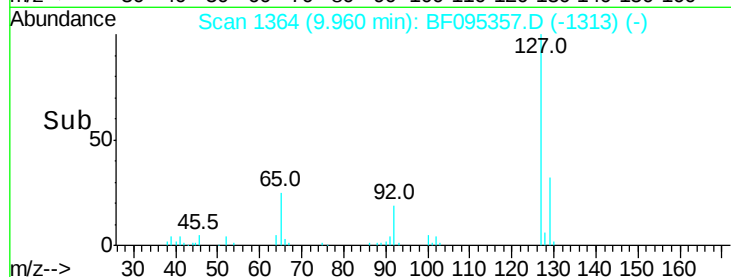
#33
 4-Chloroaniline
 Concen: 19.37 ng
 RT: 9.96 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: BF095357.D
 Acq: 23 May 2017 18:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	127	Resp:	167225
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.2	39.2
65	25.5	27.8	41.8#
92	19.1	16.8	25.2

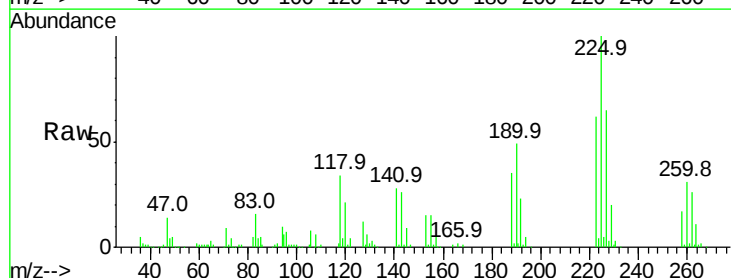


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

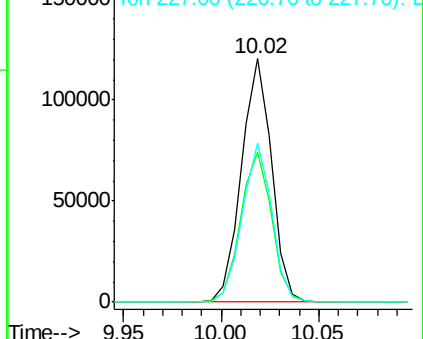
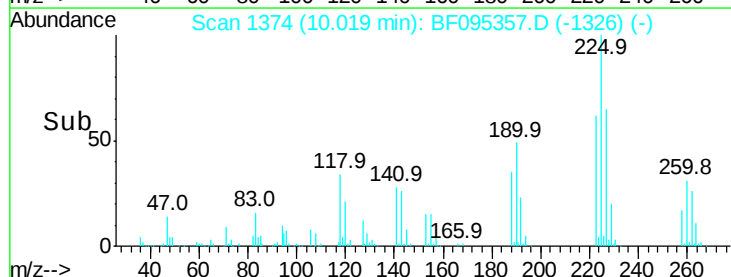


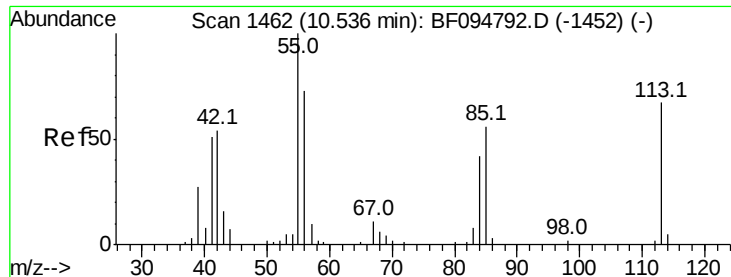
#34
 Hexachlorobutadiene
 Concen: 36.07 ng
 RT: 10.02 min Scan# 1374
 Delta R.T. -0.02 min
 Lab File: BF095357.D
 Acq: 23 May 2017 18:21

Tgt Ion:	225	Resp:	128692
Ion	Ratio	Lower	Upper
225	100		
223	61.9	48.8	73.2
227	65.2	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: 20.51 ng

RT: 10.58 min Scan# 1470

Delta R.T. -0.01 min

Lab File: BF095357.D

Acq: 23 May 2017 18:21

Instrument :

BNA_F

ClientSampleId :

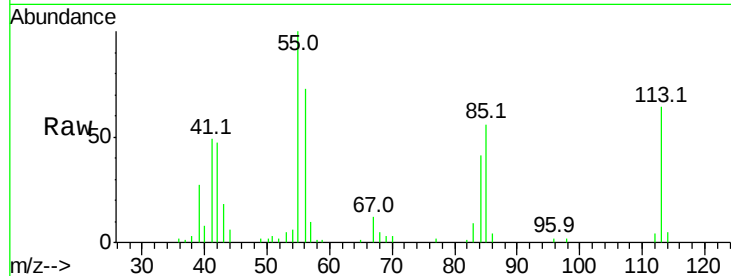
Tot Ion:113 Resp: 38874

Ion Ratio Lower Upper

113 100

55 155.7 150.2 190.2

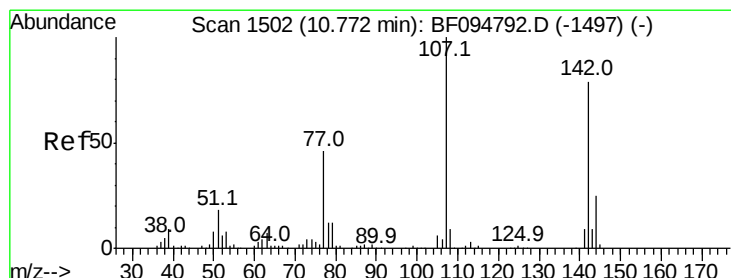
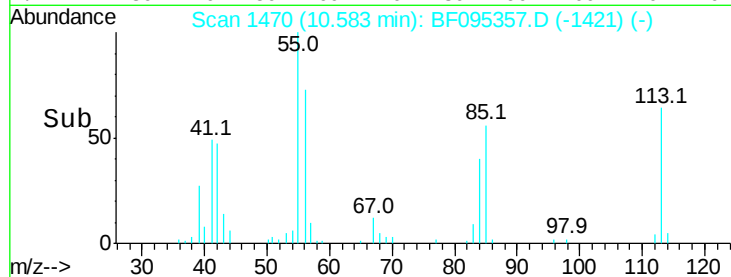
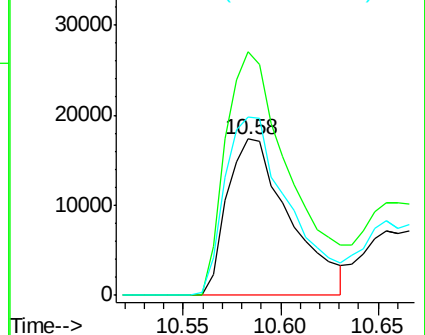
56 113.9 107.8 147.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 40.96 ng

RT: 10.81 min Scan# 1508

Delta R.T. -0.01 min

Lab File: BF095357.D

Acq: 23 May 2017 18:21

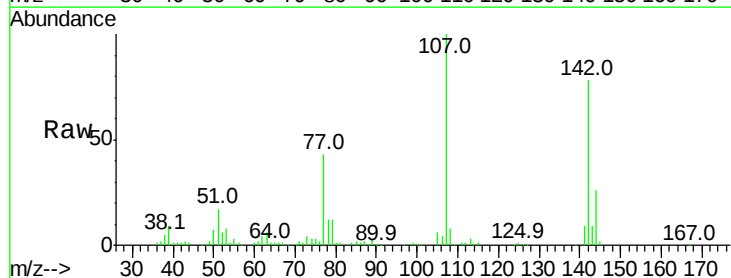
Tgt Ion:107 Resp: 276446

Ion Ratio Lower Upper

107 100

144 26.0 24.2 36.4

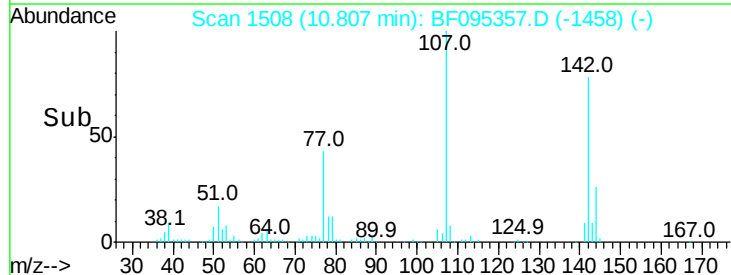
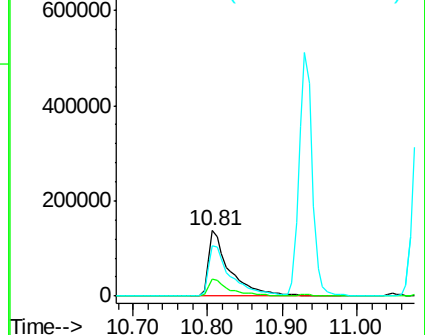
142 78.2 73.4 110.0

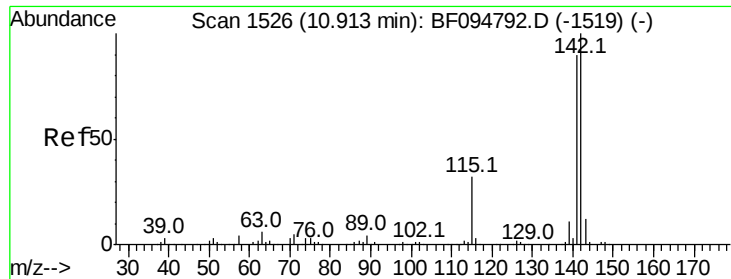


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

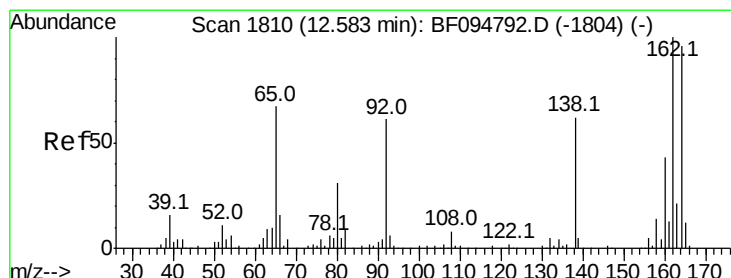
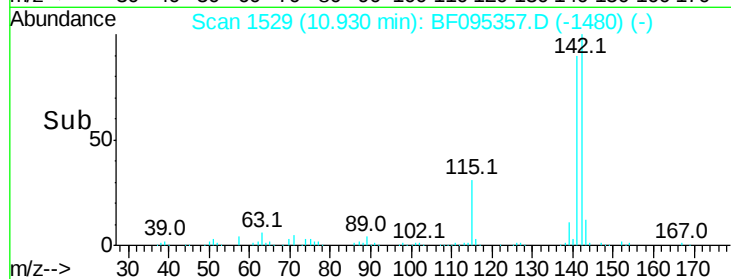
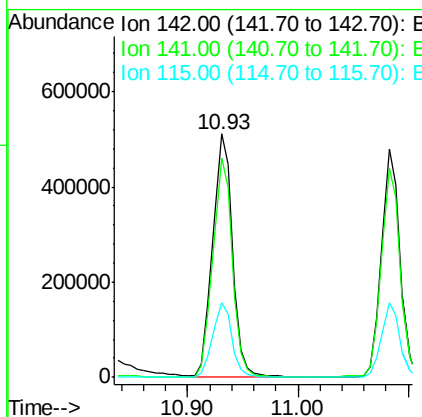
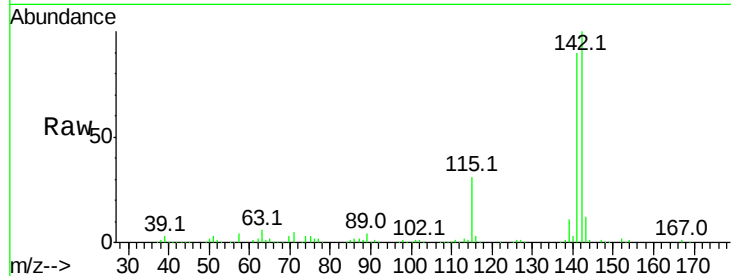




#37
2-Methylnaphthalene
Concen: 41.56 ng
RT: 10.93 min Scan# 1529
Delta R.T. -0.01 min
Lab File: BF095357.D
Acq: 23 May 2017 18:21

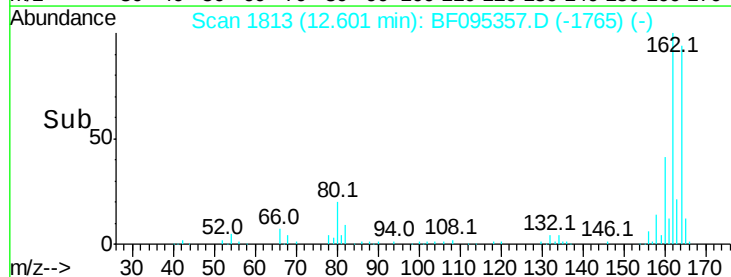
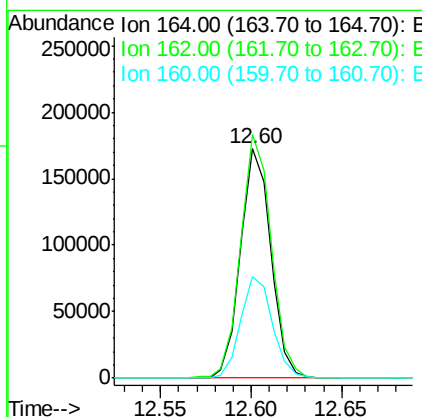
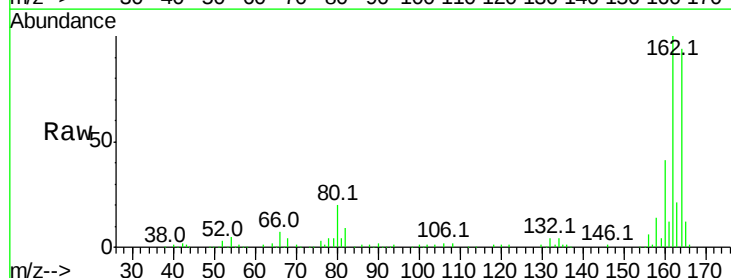
Instrument :
BNA_F
ClientSampleId :

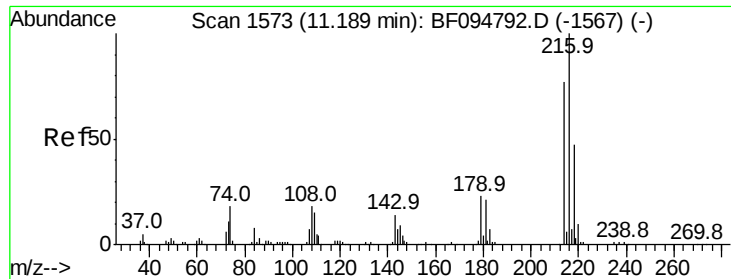
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.3	106.9
115	30.8	27.1	40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.60 min Scan# 1813
Delta R.T. -0.02 min
Lab File: BF095357.D
Acq: 23 May 2017 18:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.2	82.6	123.8
160	44.0	36.2	54.2

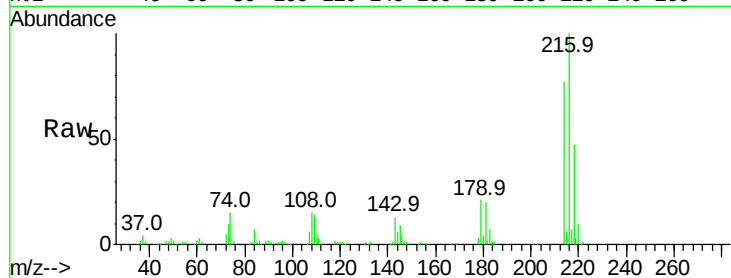




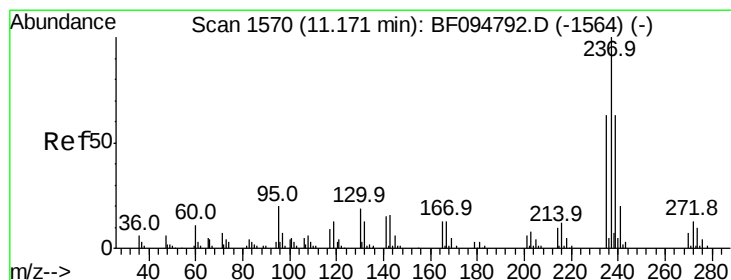
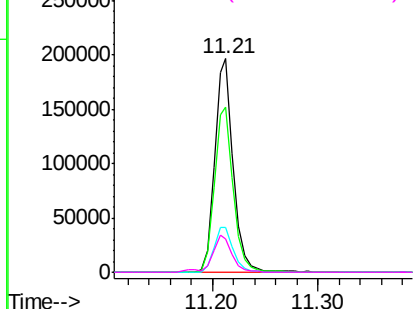
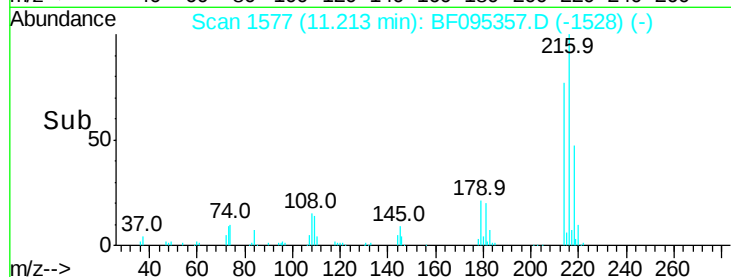
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.15 ng
 RT: 11.21 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF095357.D
 Acq: 23 May 2017 18:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	241403
Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.4	95.2
179	22.0	17.9	26.9
108	18.5	16.5	24.7

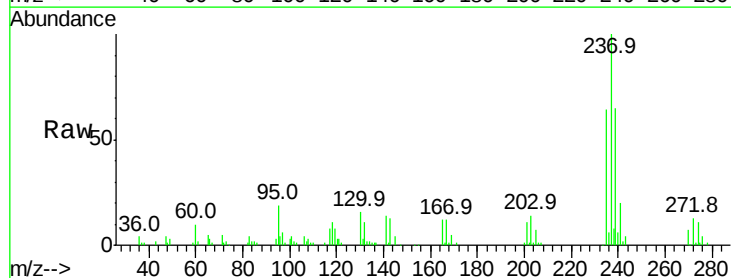


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

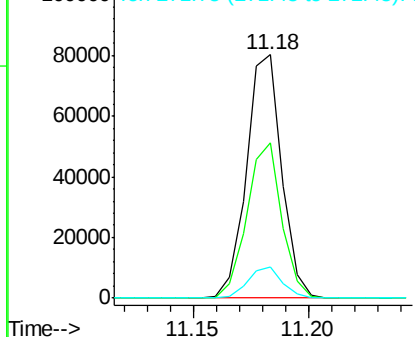
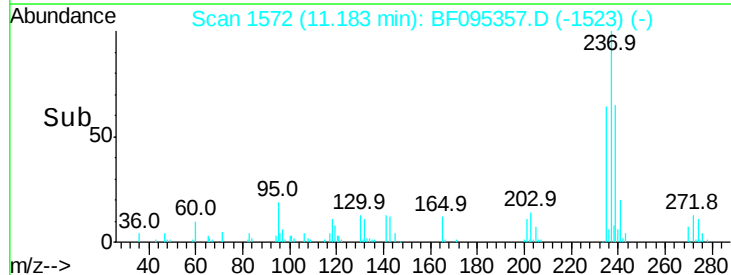


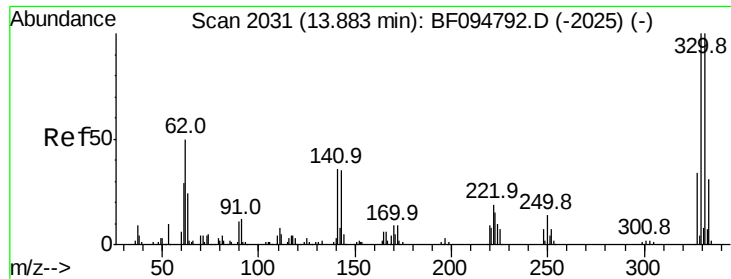
#40
 Hexachlorocyclopentadiene
 Concen: 36.42 ng
 RT: 11.18 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF095357.D
 Acq: 23 May 2017 18:21

Tgt Ion:	237	Resp:	85165
Ion	Ratio	Lower	Upper
237	100		
235	64.0	42.6	82.6
272	12.7	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

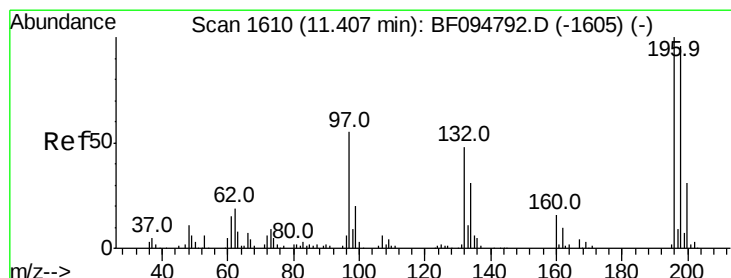
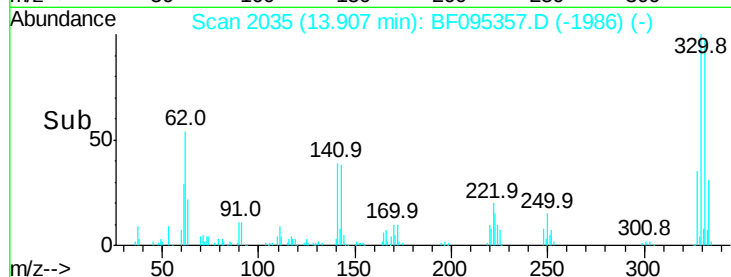
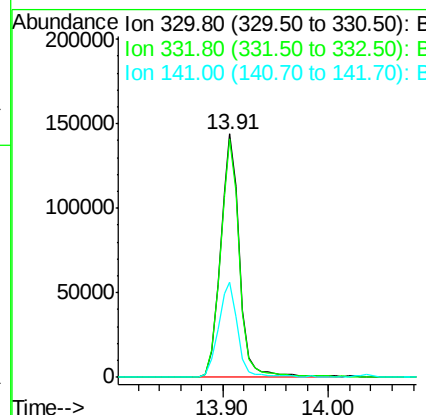
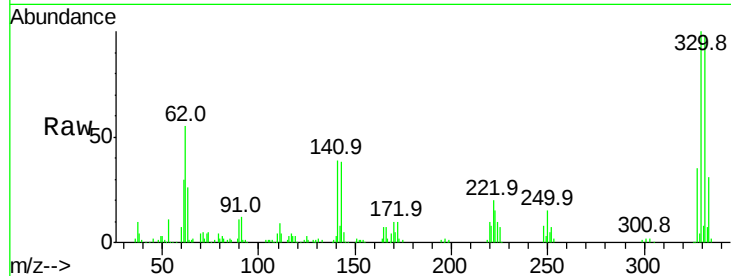




#41
 2,4,6-Tribromophenol
 Concen: 111.29 ng
 RT: 13.91 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF095357.D
 Acq: 23 May 2017 18:21

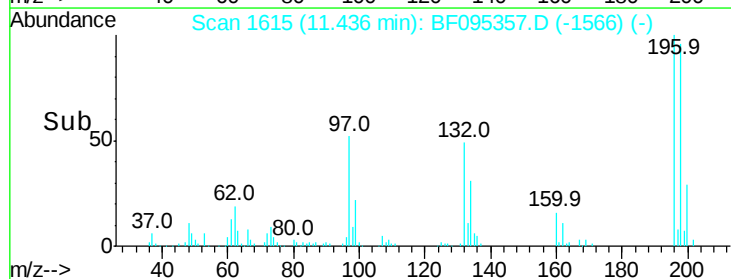
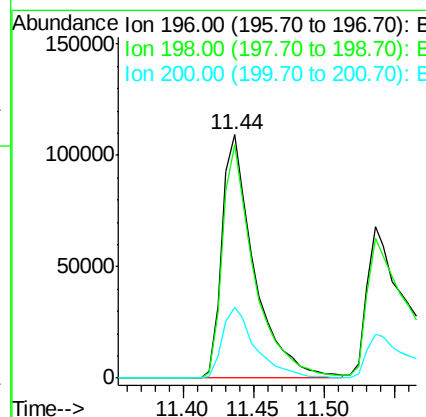
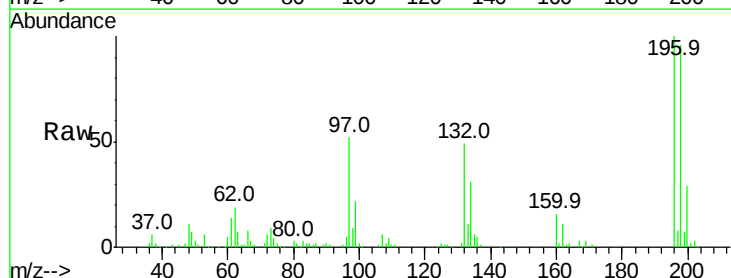
Instrument :
 BNA_F
 ClientSampled :

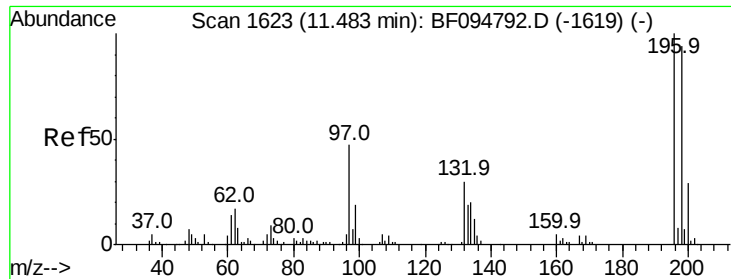
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.6	115.0
141	40.0	31.4	47.2



#42
 2,4,6-Trichlorophenol
 Concen: 42.37 ng
 RT: 11.44 min Scan# 1615
 Delta R.T. -0.01 min
 Lab File: BF095357.D
 Acq: 23 May 2017 18:21

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.0	74.2	111.4
200	29.1	24.0	36.0

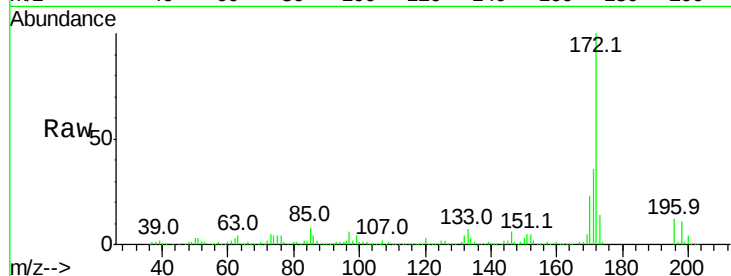




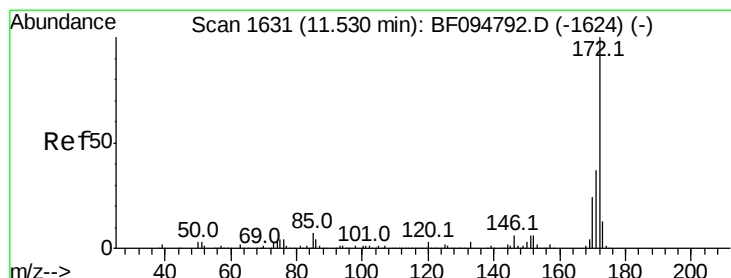
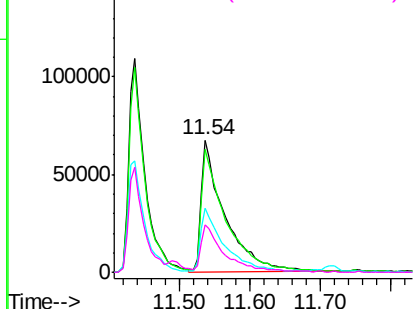
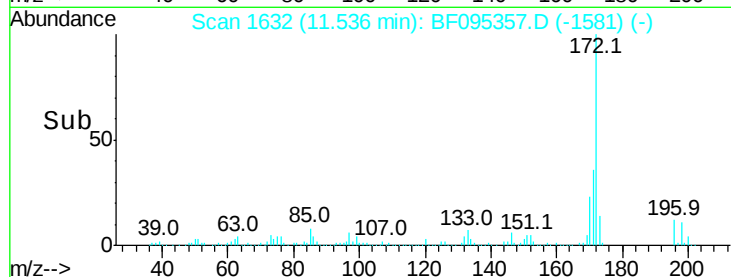
#43
 2,4,5-Trichlorophenol
 Concen: 35.66 ng
 RT: 11.54 min Scan# 1632
 Delta R.T. 0.00 min
 Lab File: BF095357.D
 Acq: 23 May 2017 18:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 157800
 Ion Ratio Lower Upper
 196 100
 198 92.6 75.7 113.5
 97 48.3 47.7 71.5
 132 36.2 28.0 42.0

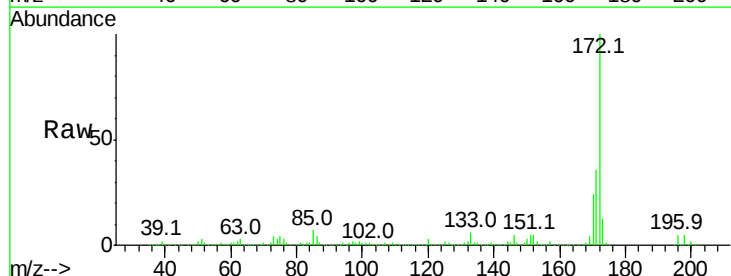


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

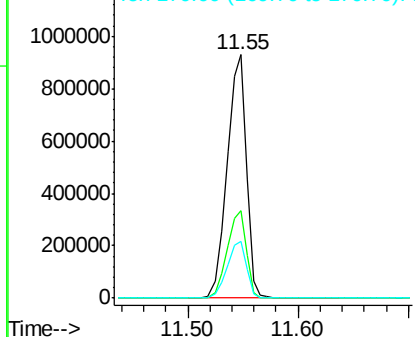
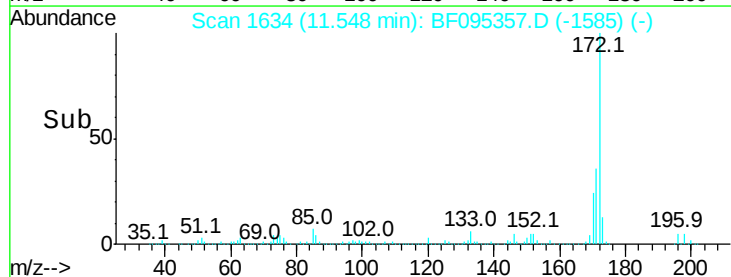


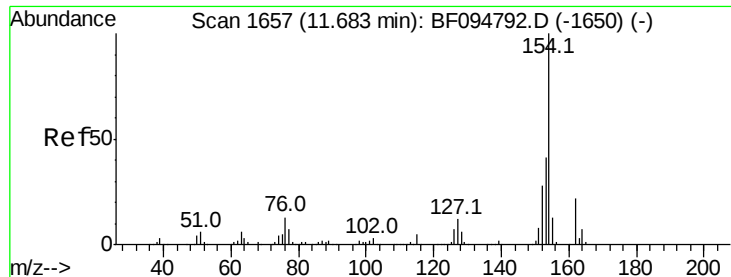
#44
 2-Fluorobiphenyl
 Concen: 81.52 ng
 RT: 11.55 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BF095357.D
 Acq: 23 May 2017 18:21

Tgt Ion:172 Resp: 1135635
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.6 44.4
 170 23.5 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: 41.35 ng

RT: 11.70 min Scan# 1659

Delta R.T. -0.02 min

Lab File: BF095357.D

Acq: 23 May 2017 18:21

Instrument :

BNA_F

ClientSampleId :

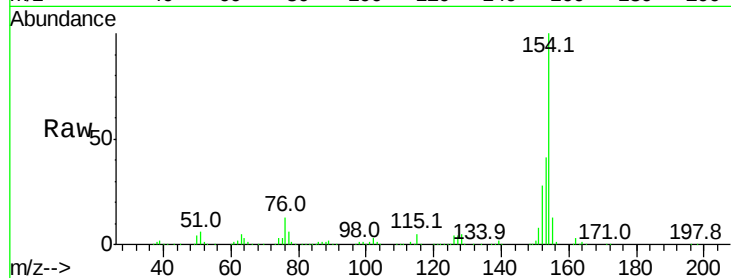
Tot Ion:154 Resp: 698167

Ion Ratio Lower Upper

154 100

153 40.9 21.2 61.2

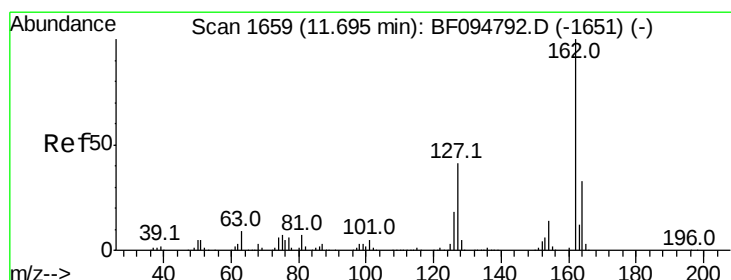
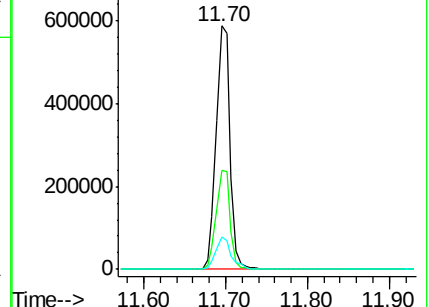
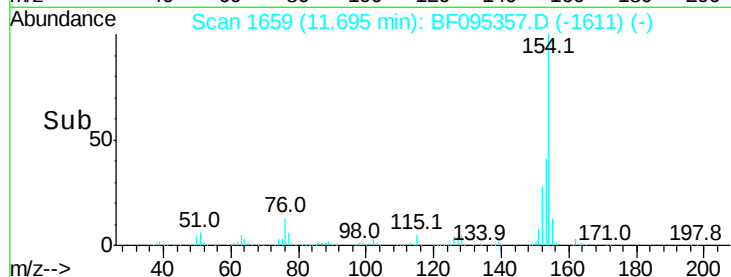
76 13.3 0.0 29.9



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: 39.34 ng

RT: 11.72 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BF095357.D

Acq: 23 May 2017 18:21

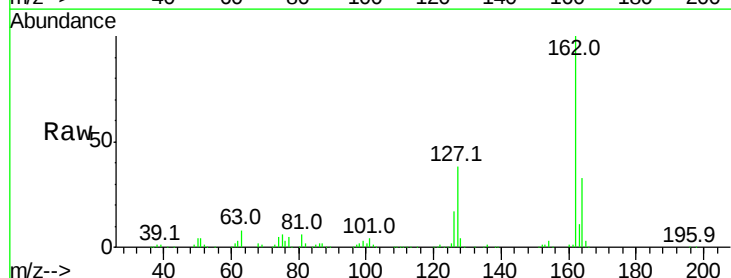
Tgt Ion:162 Resp: 536222

Ion Ratio Lower Upper

162 100

127 37.6 28.3 42.5

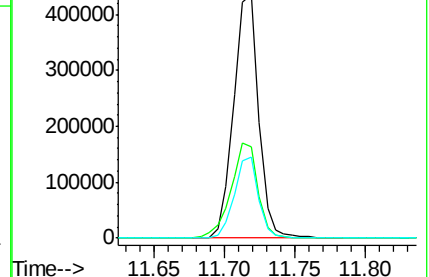
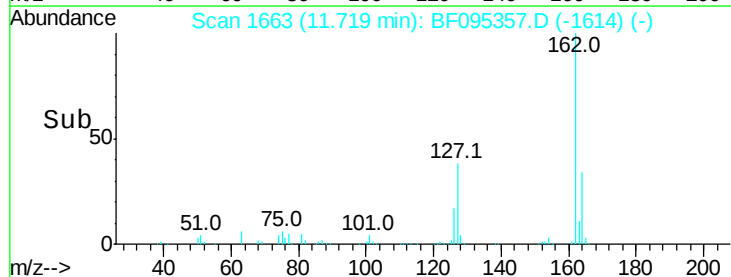
164 33.1 27.0 40.4

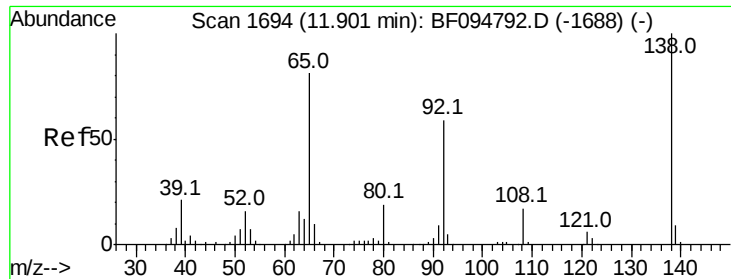


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

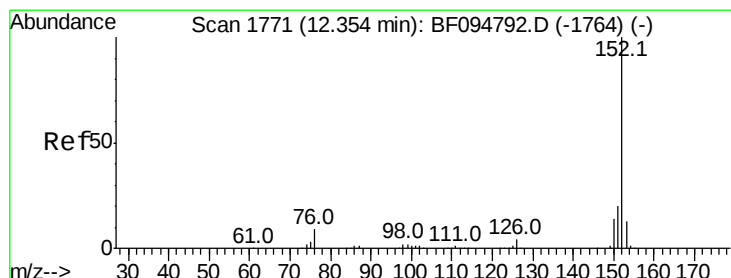
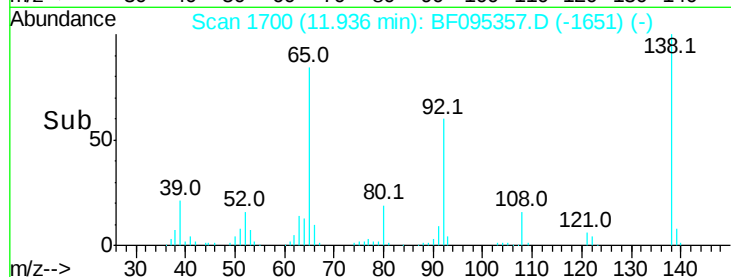
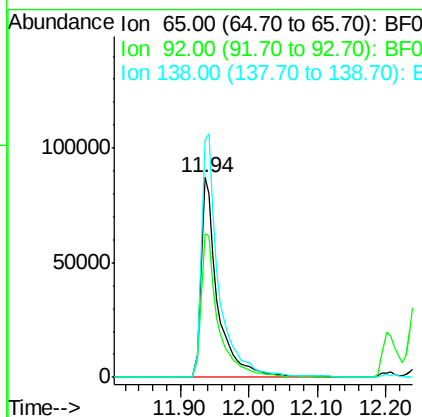
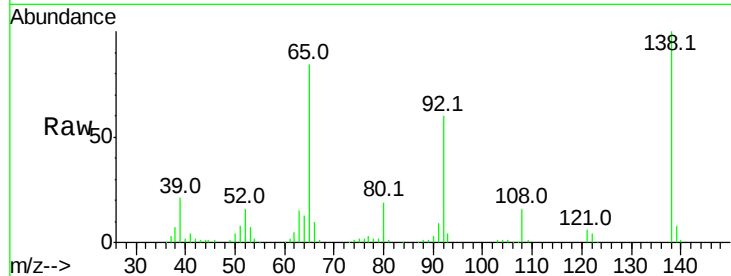




#47
 2-Nitroaniline
 Concen: 40.15 ng
 RT: 11.94 min Scan# 1700
 Delta R.T. -0.01 min
 Lab File: BF095357.D
 Acq: 23 May 2017 18:21

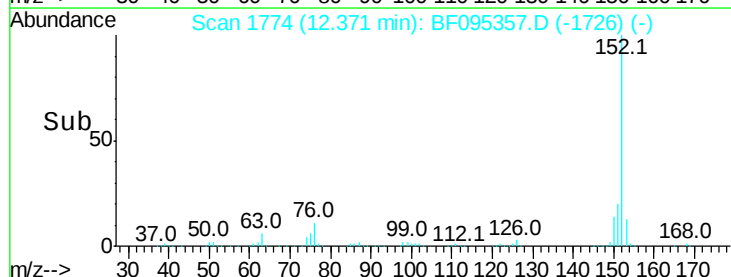
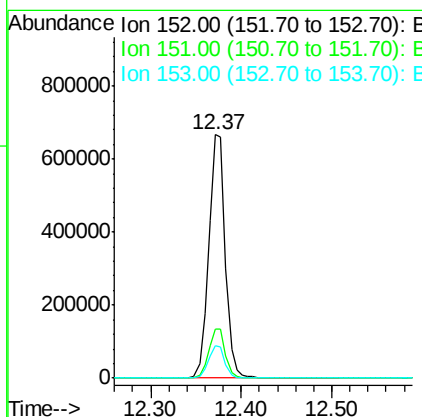
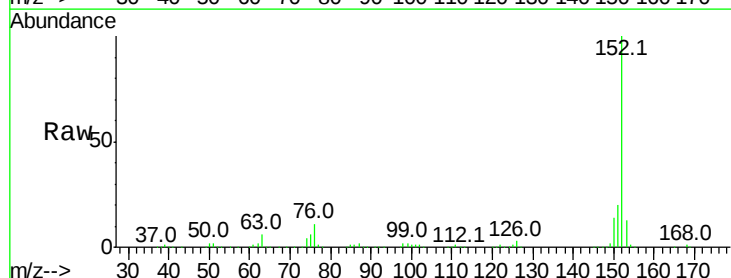
Instrument :
 BNA_F
 ClientSampled :

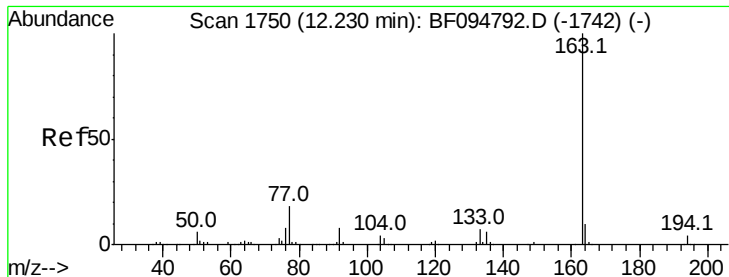
Tot Ion: 65 Resp: 149796
 Ion Ratio Lower Upper
 65 100
 92 71.8 53.9 80.9
 138 118.8 78.8 118.2#



#48
 Acenaphthylene
 Concen: 39.92 ng
 RT: 12.37 min Scan# 1774
 Delta R.T. -0.02 min
 Lab File: BF095357.D
 Acq: 23 May 2017 18:21

Tgt Ion:152 Resp: 852464
 Ion Ratio Lower Upper
 152 100
 151 20.4 16.8 25.2
 153 13.2 10.8 16.2





#49

Dimethylphthalate

Concen: 49.65 ng

RT: 12.25 min Scan# 1753

Delta R.T. -0.01 min

Lab File: BF095357.D

Acq: 23 May 2017 18:21

Instrument :

BNA_F

ClientSampleId :

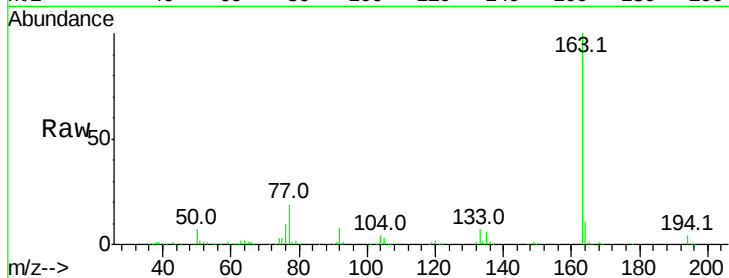
Tot Ion:163 Resp: 817298

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

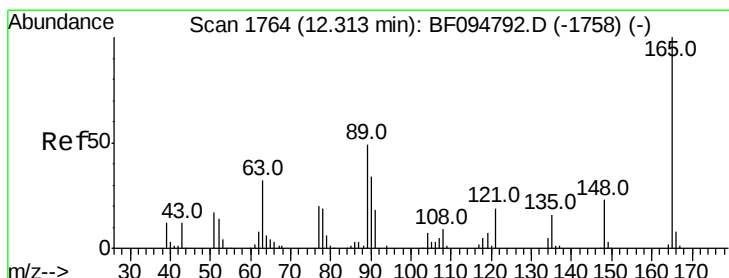
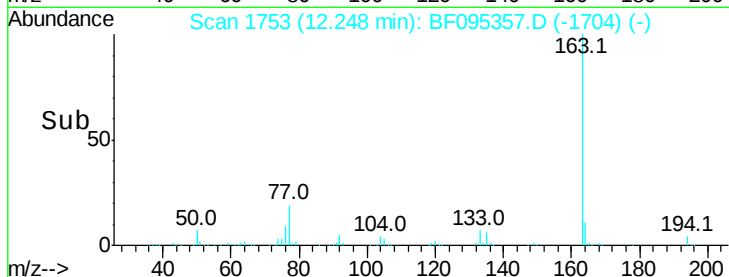
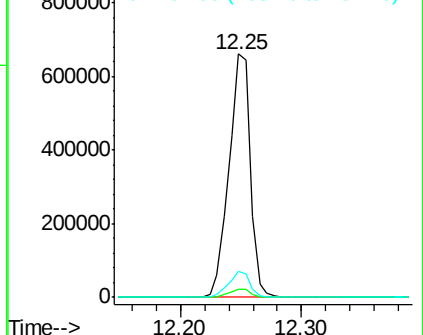
164 10.5 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 41.94 ng

RT: 12.35 min Scan# 1770

Delta R.T. -0.01 min

Lab File: BF095357.D

Acq: 23 May 2017 18:21

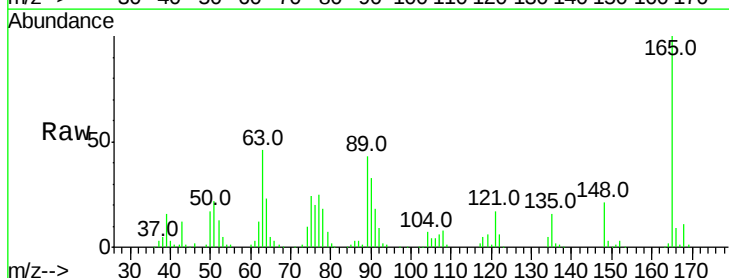
Tgt Ion:165 Resp: 140864

Ion Ratio Lower Upper

165 100

63 45.9 34.3 51.5

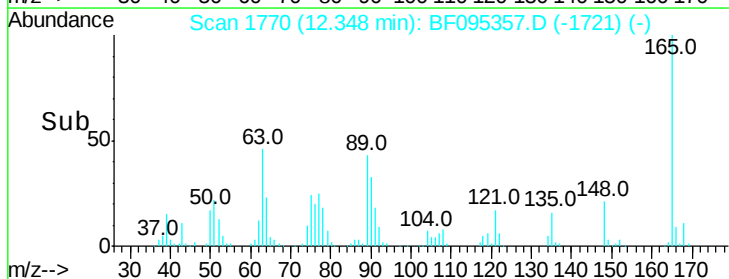
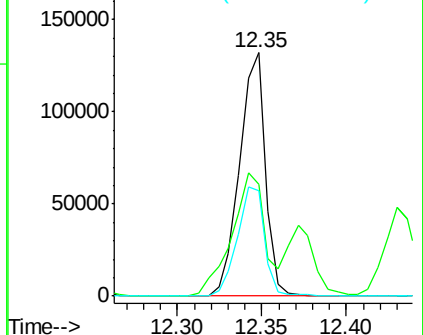
89 43.4 37.1 55.7

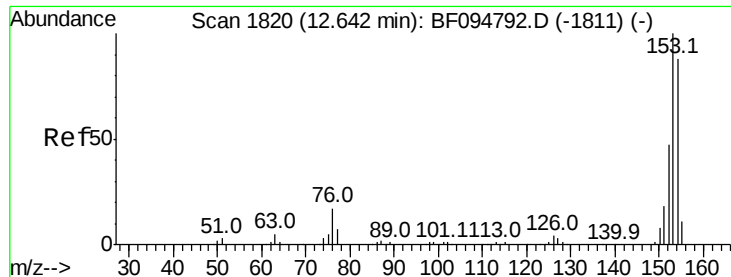


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.16 ng

RT: 12.66 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF095357.D

Acq: 23 May 2017 18:21

Instrument :

BNA_F

ClientSampleId :

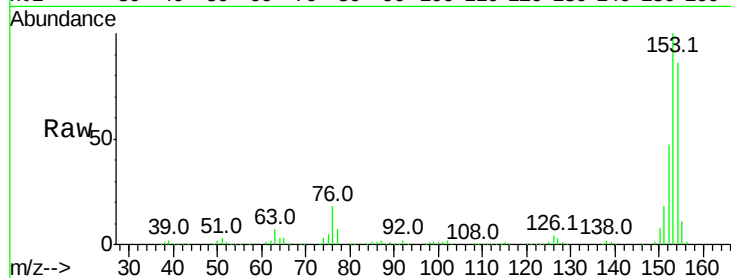
Tot Ion:154 Resp: 499435

Ion Ratio Lower Upper

154 100

153 116.5 90.5 135.7

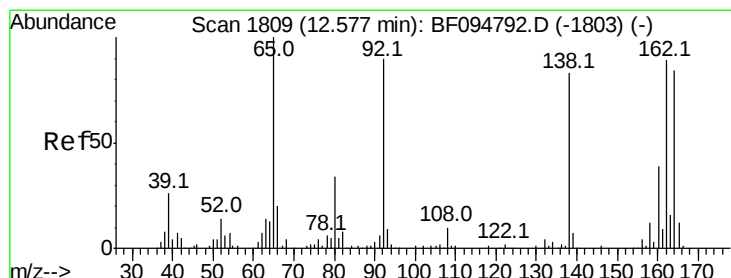
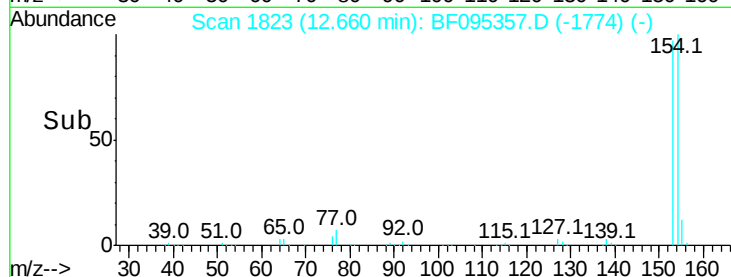
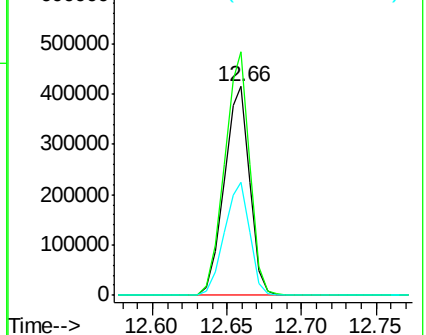
152 54.4 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 28.23 ng

RT: 12.62 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF095357.D

Acq: 23 May 2017 18:21

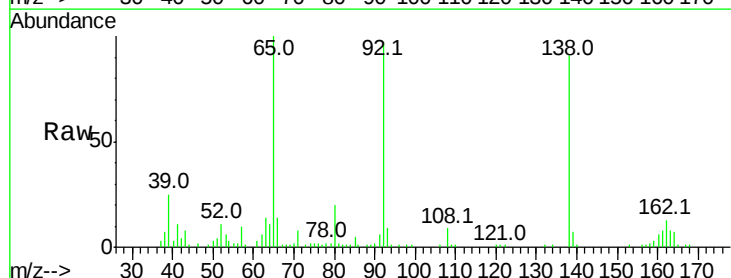
Tgt Ion:138 Resp: 101759

Ion Ratio Lower Upper

138 100

108 9.6 9.1 13.7

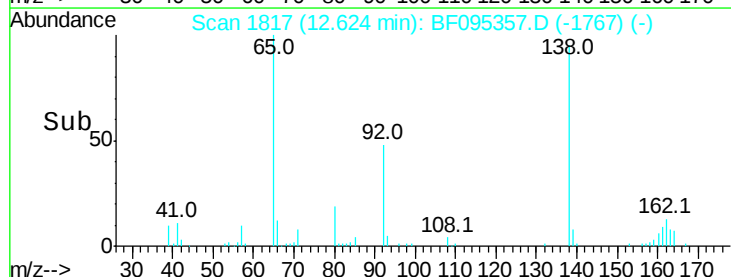
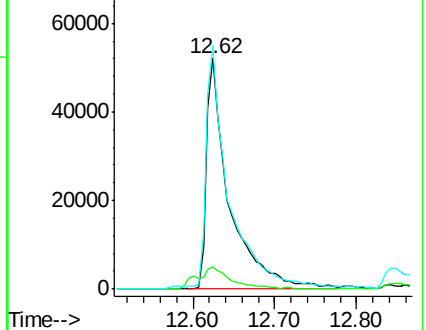
92 105.6 93.8 140.6

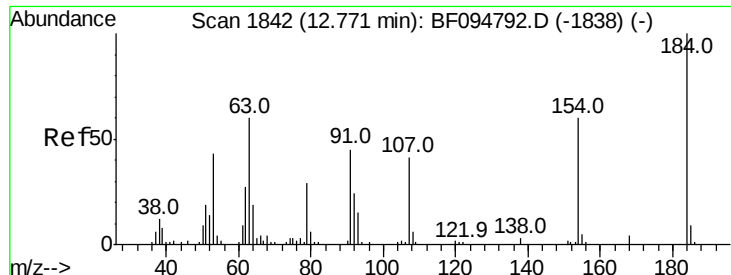


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

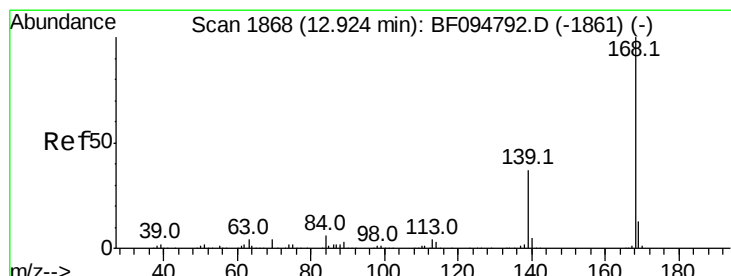
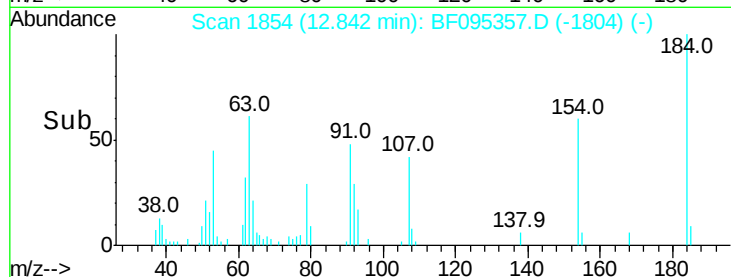
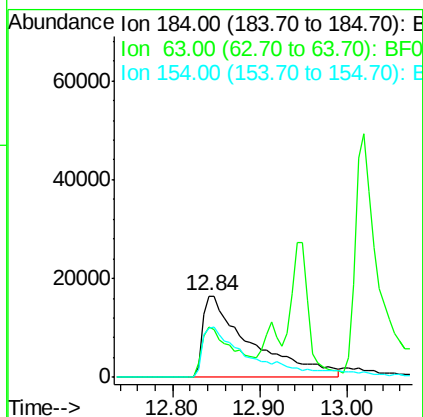
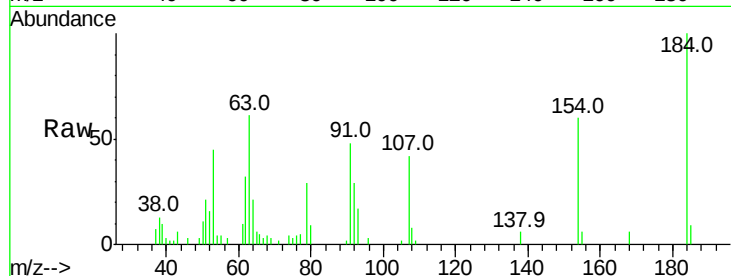




#53
 2,4-Dinitrophenol
 Concen: 37.31 ng
 RT: 12.84 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF095357.D
 Acq: 23 May 2017 18:21

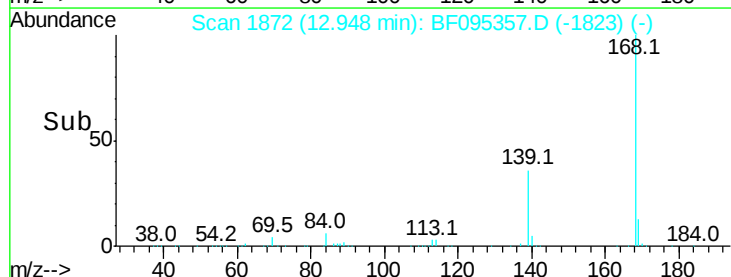
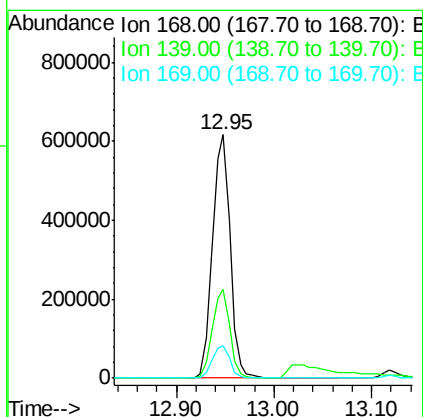
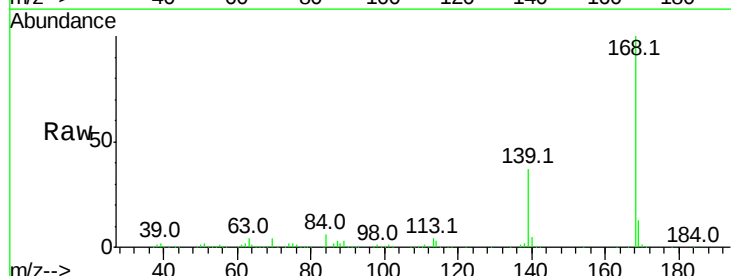
Instrument :
 BNA_F
 ClientSampled :

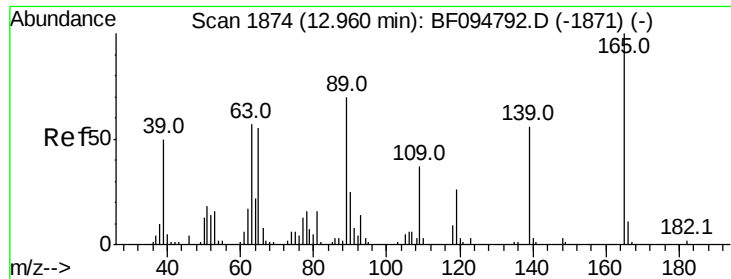
Tot Ion:184 Resp: 62328
 Ion Ratio Lower Upper
 184 100
 63 61.1 62.7 94.1#
 154 60.1 81.1 121.7#



#54
 Dibenzofuran
 Concen: 43.80 ng
 RT: 12.95 min Scan# 1872
 Delta R.T. -0.01 min
 Lab File: BF095357.D
 Acq: 23 May 2017 18:21

Tgt Ion:168 Resp: 772936
 Ion Ratio Lower Upper
 168 100
 139 36.6 30.6 45.8
 169 13.1 10.8 16.2

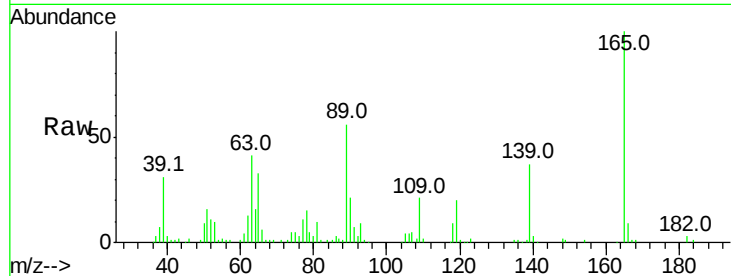




#55
4-Nitrophenol
Concen: 67.86 ng
RT: 13.02 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BF095357.D
Acq: 23 May 2017 18:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	56.3	34.1	74.1
65	88.3	31.4	71.4

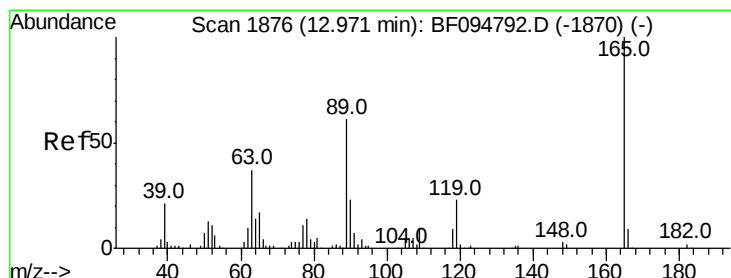
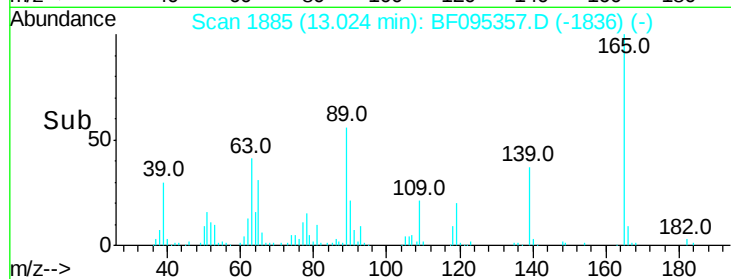
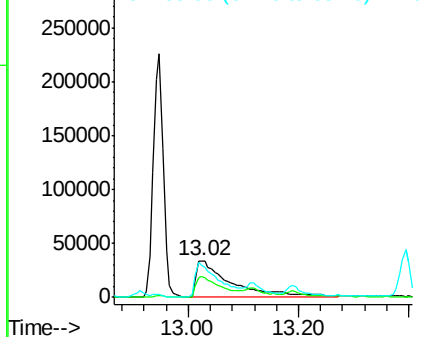


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56
2,4-Dinitrotoluene
Concen: 43.54 ng
RT: 13.02 min Scan# 1884
Delta R.T. -0.01 min
Lab File: BF095357.D
Acq: 23 May 2017 18:21

Tgt Ion	Ratio	Lower	Upper
165	100		
63	42.0	25.4	38.0
89	60.5	46.4	69.6
182	2.2	1.8	2.6

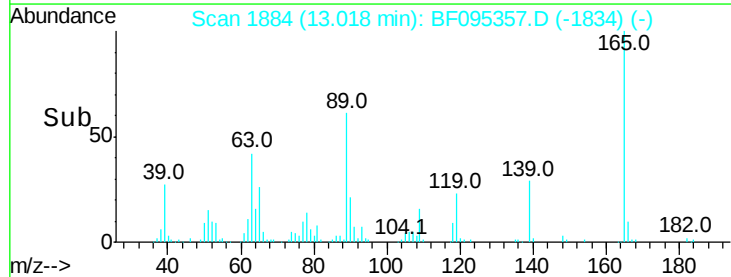
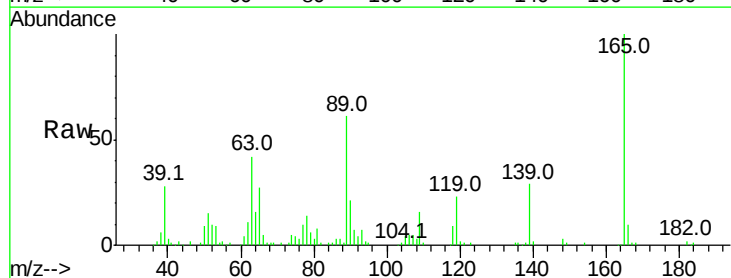
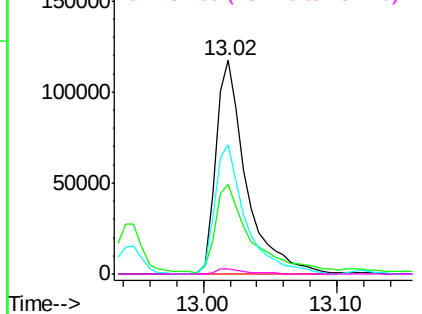
Abundance

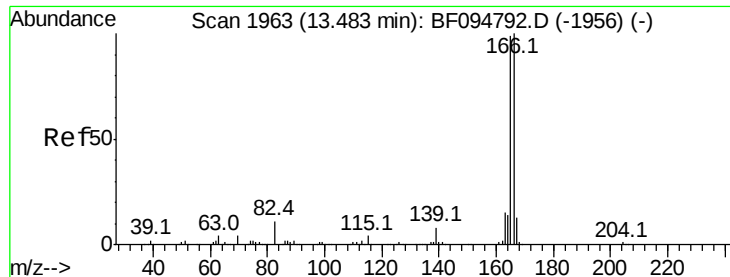
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

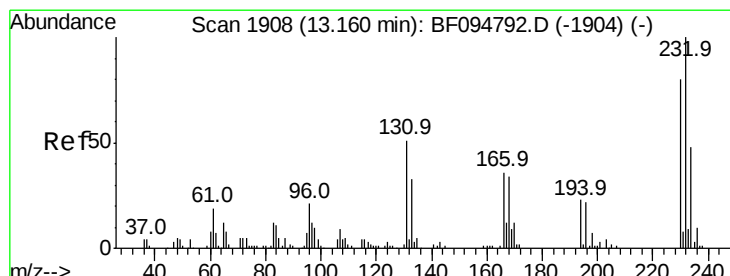
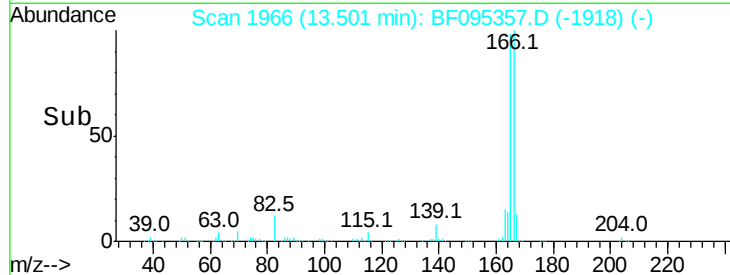
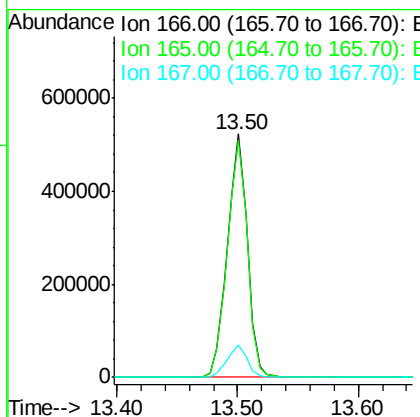
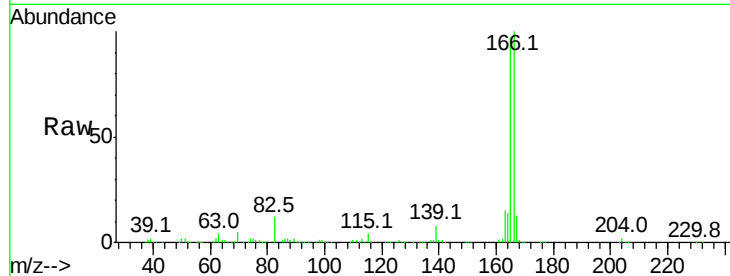




#57
 Fluorene
 Concen: 39.10 ng
 RT: 13.50 min Scan# 1966
 Delta R.T. -0.02 min
 Lab File: BF095357.D
 Acq: 23 May 2017 18:21

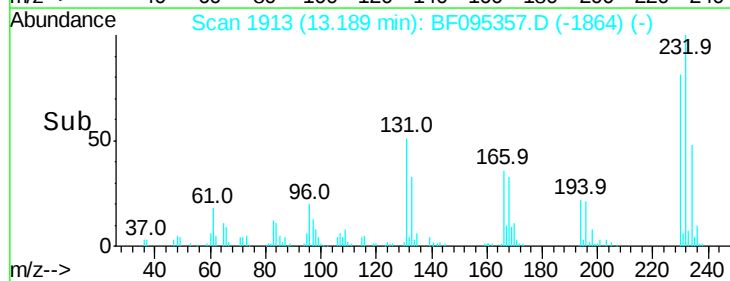
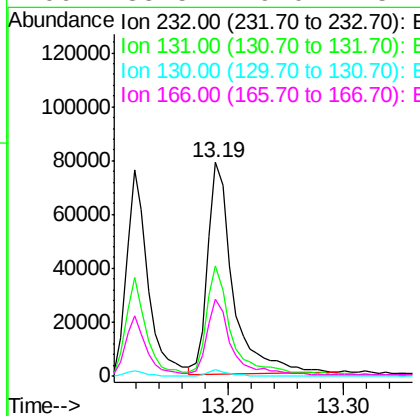
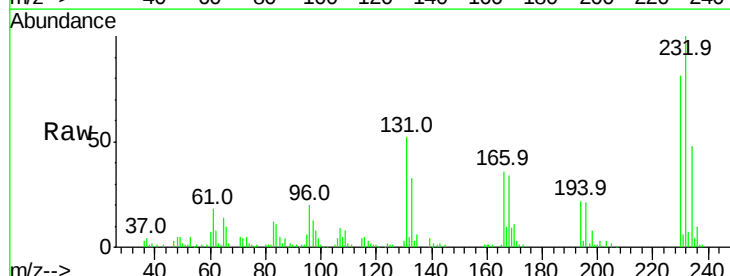
Instrument :
 BNA_F
 ClientSampleId :

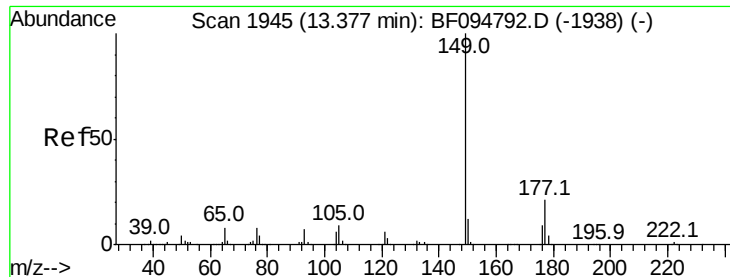
Tot Ion:166 Resp: 600084
 Ion Ratio Lower Upper
 166 100
 165 97.4 78.8 118.2
 167 13.2 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.76 ng
 RT: 13.19 min Scan# 1913
 Delta R.T. -0.01 min
 Lab File: BF095357.D
 Acq: 23 May 2017 18:21

Tgt Ion:232 Resp: 119096
 Ion Ratio Lower Upper
 232 100
 131 50.8 44.8 67.2
 130 2.3 2.3 3.5#
 166 35.5 29.0 43.4

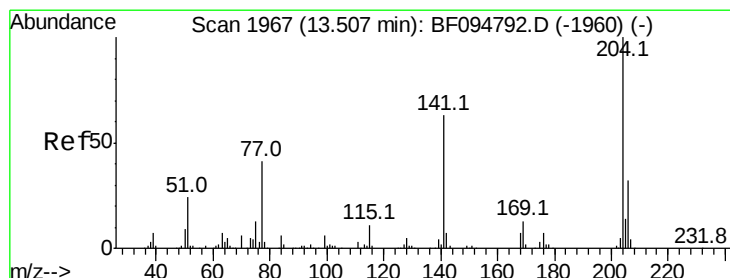
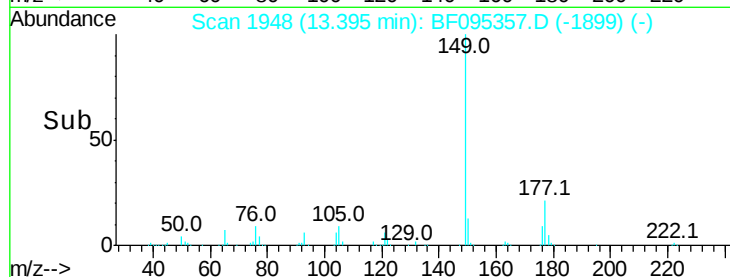
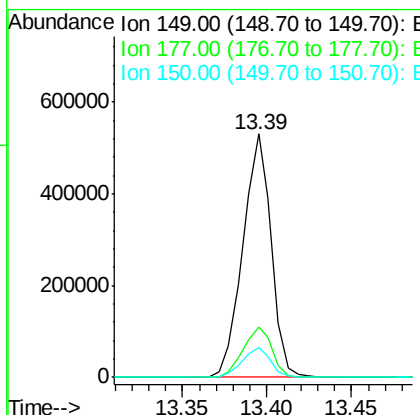
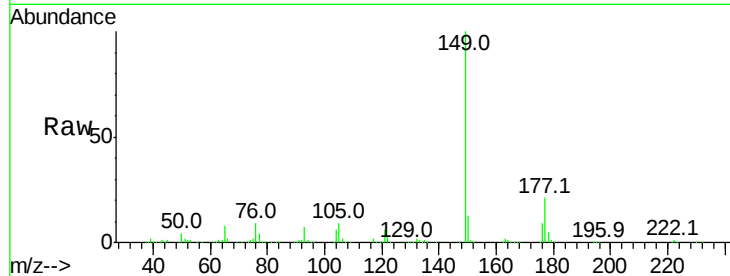




#59
Diethylphthalate
Concen: 39.28 ng
RT: 13.39 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BF095357.D
Acq: 23 May 2017 18:21

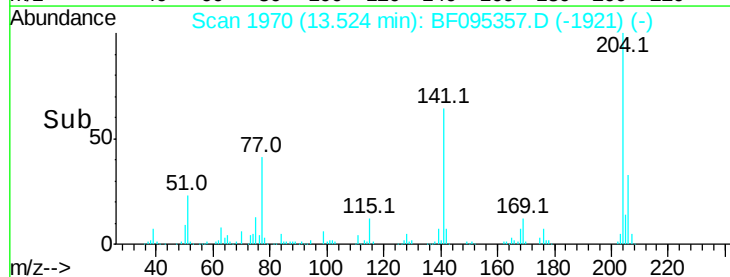
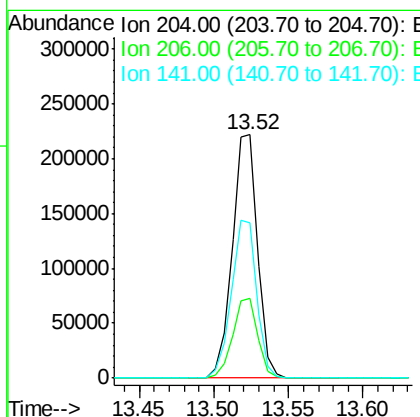
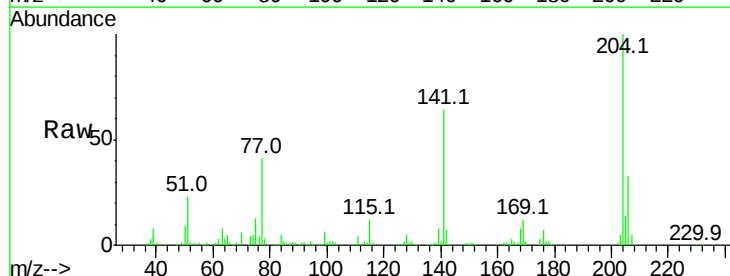
Instrument :
BNA_F
ClientSampleId :

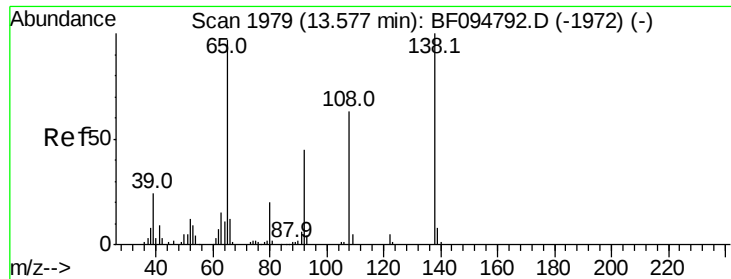
Tot Ion:149 Resp: 619774
Ion Ratio Lower Upper
149 100
177 20.7 16.7 25.1
150 12.5 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 39.03 ng
RT: 13.52 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BF095357.D
Acq: 23 May 2017 18:21

Tgt Ion:204 Resp: 263231
Ion Ratio Lower Upper
204 100
206 32.8 26.2 39.2
141 63.8 60.8 91.2

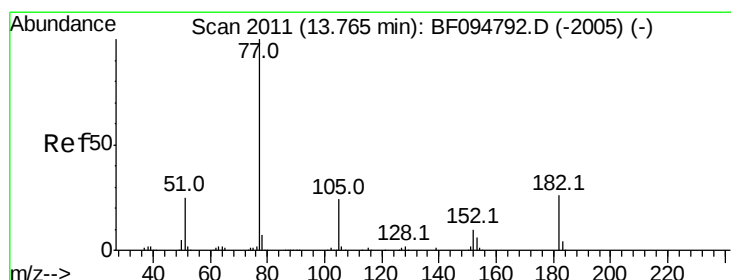
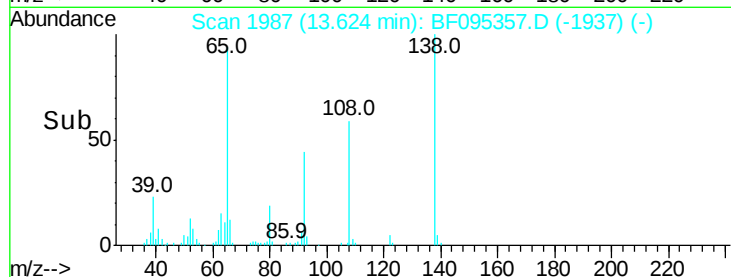
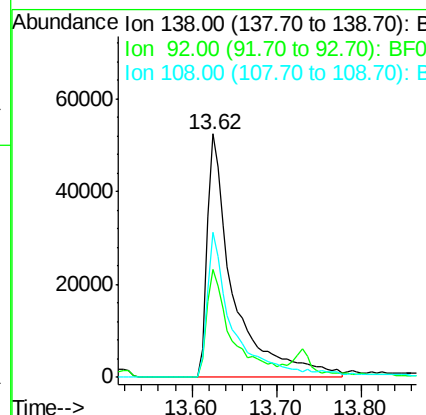
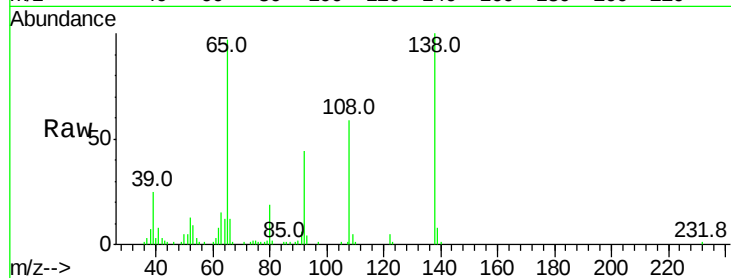




#61
4-Nitroaniline
Concen: 33.96 ng
RT: 13.62 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BF095357.D
Acq: 23 May 2017 18:21

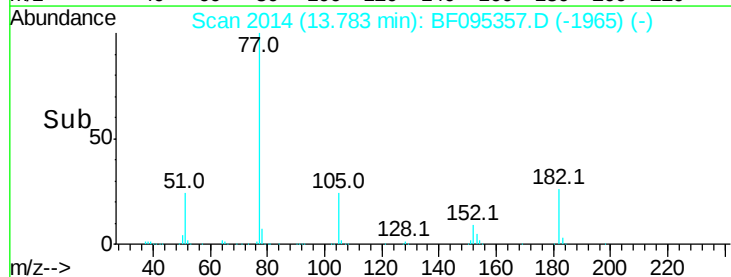
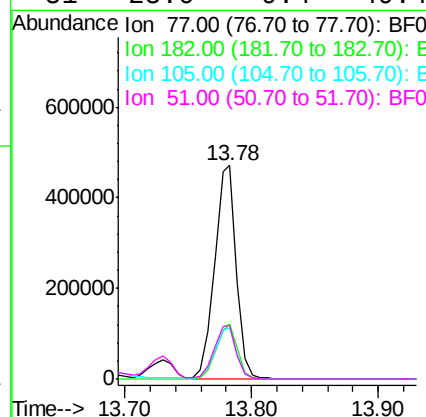
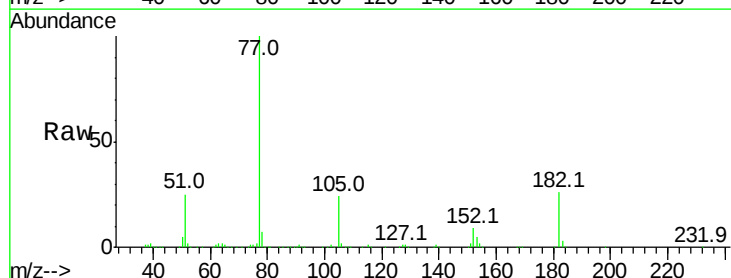
Instrument :
BNA_F
ClientSampleId :

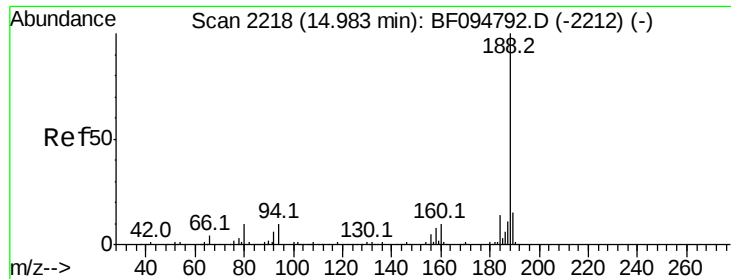
Tot Ion:138 Resp: 112373
Ion Ratio Lower Upper
138 100
92 44.2 21.8 61.8
108 59.4 42.3 82.3



#62
Azobenzene
Concen: 44.36 ng
RT: 13.78 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF095357.D
Acq: 23 May 2017 18:21

Tgt Ion: 77 Resp: 562404
Ion Ratio Lower Upper
77 100
182 25.8 0.1 40.1
105 24.2 3.6 43.6
51 25.0 9.4 49.4

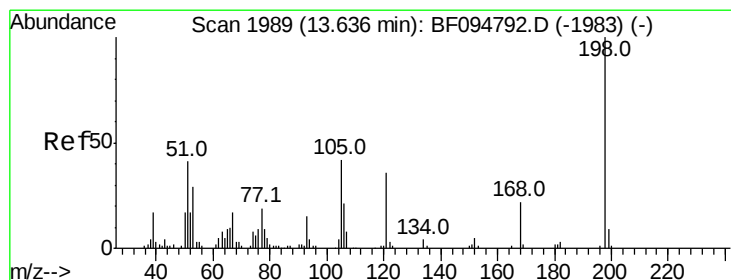
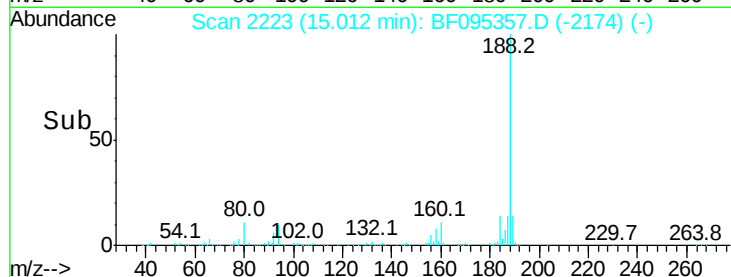
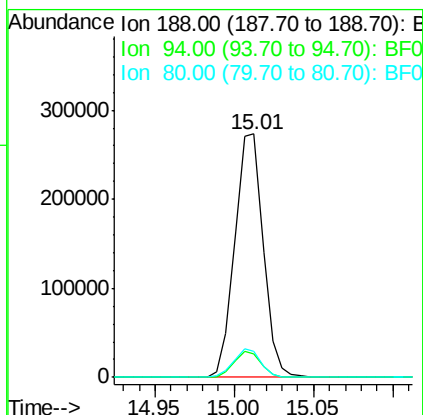
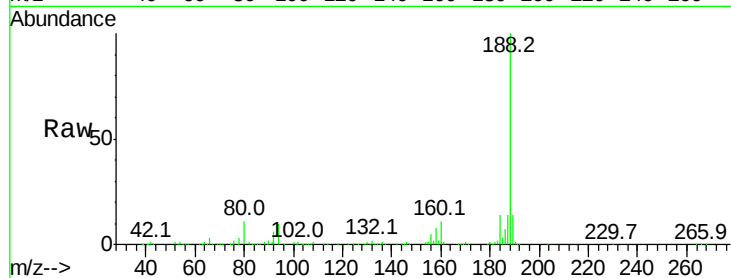




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.01 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BF095357.D
 Acq: 23 May 2017 18:21

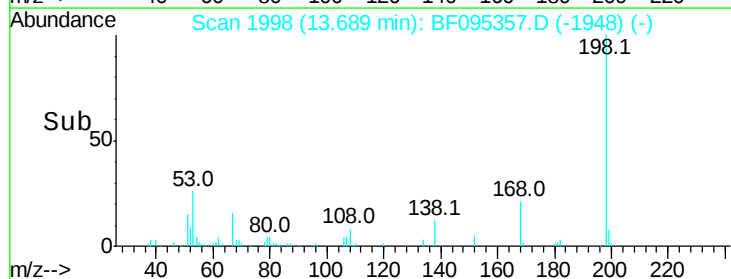
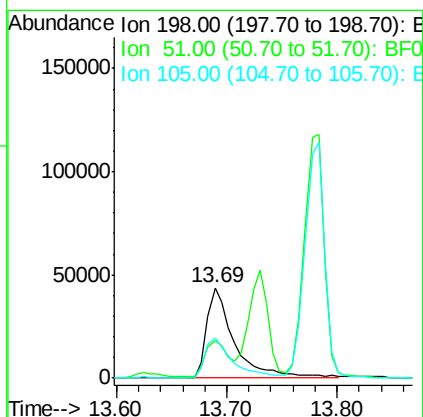
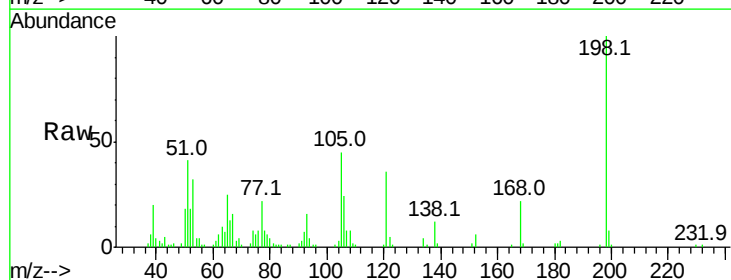
Instrument :
 BNA_F
 ClientSampleId :

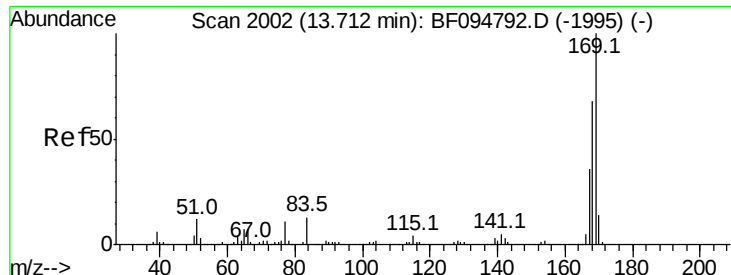
Tot Ion:188 Resp: 339786
 Ion Ratio Lower Upper
 188 100
 94 9.6 9.4 14.2
 80 10.5 10.2 15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 32.87 ng
 RT: 13.69 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF095357.D
 Acq: 23 May 2017 18:21

Tgt Ion:198 Resp: 74878
 Ion Ratio Lower Upper
 198 100
 51 41.1 53.2 93.2#
 105 44.5 45.8 85.8#





#65

n-Nitrosodiphenylamine

Concen: 41.80 ng

RT: 13.73 min Scan# 2005

Delta R.T. -0.02 min

Lab File: BF095357.D

Acq: 23 May 2017 18:21

Instrument :

BNA_F

ClientSampleId :

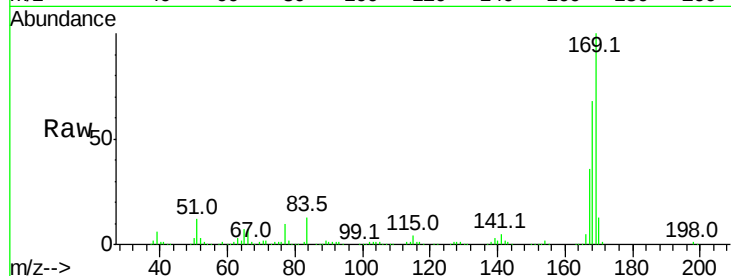
Tot Ion:169 Resp: 515514

Ion Ratio Lower Upper

169 100

168 68.1 53.2 79.8

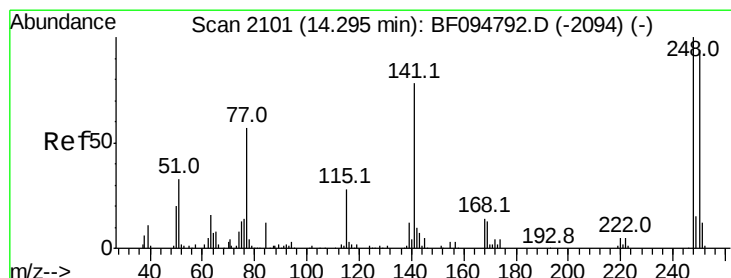
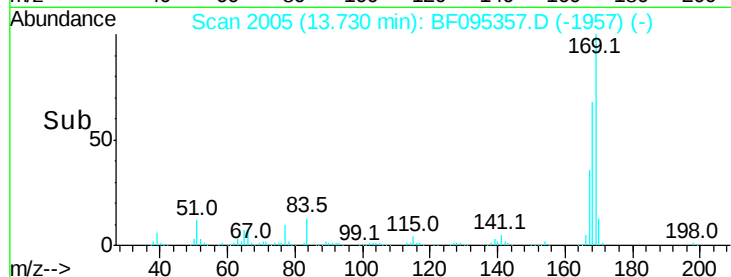
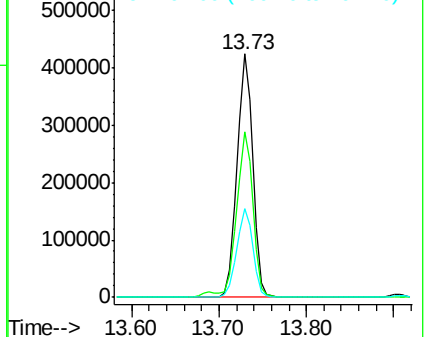
167 36.5 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.80 ng

RT: 14.31 min Scan# 2103

Delta R.T. -0.02 min

Lab File: BF095357.D

Acq: 23 May 2017 18:21

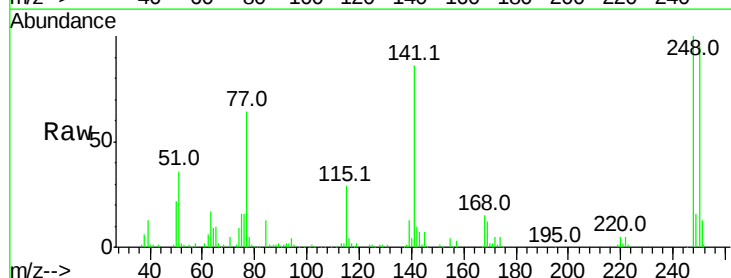
Tgt Ion:248 Resp: 142886

Ion Ratio Lower Upper

248 100

250 94.9 76.8 115.2

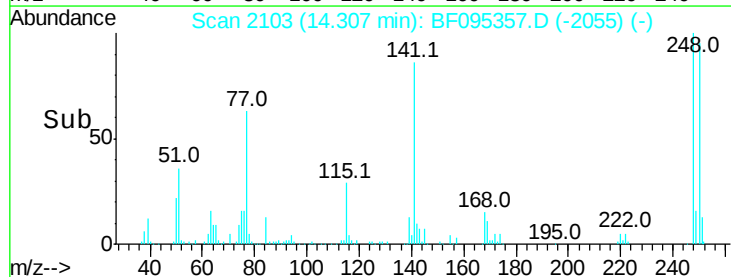
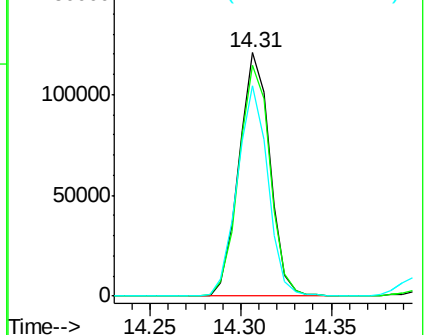
141 86.3 68.6 103.0

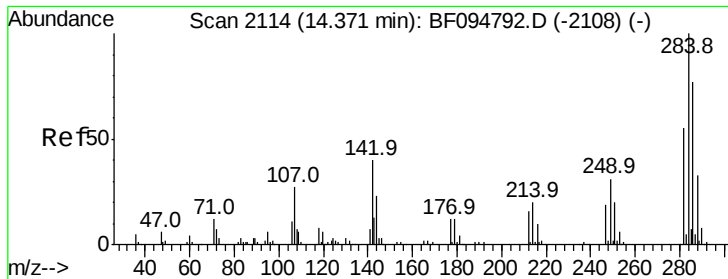


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

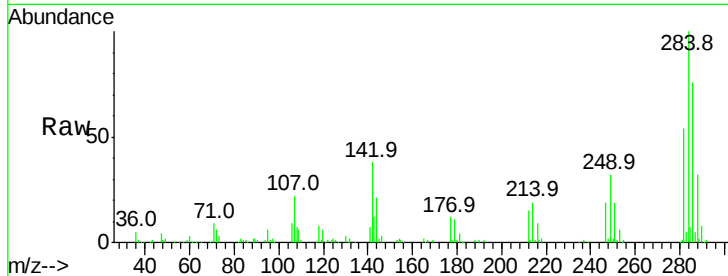




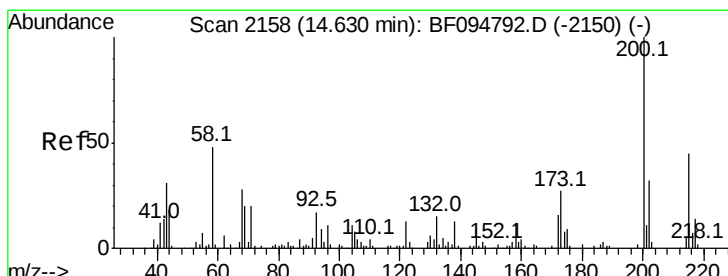
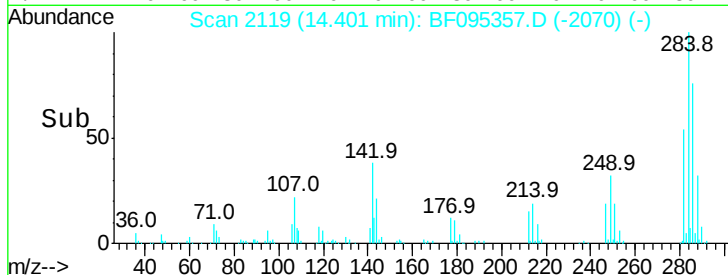
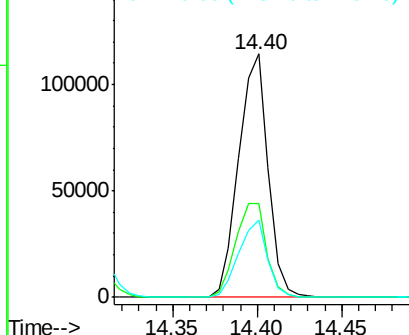
#67
Hexachlorobenzene
Concen: 37.70 ng
RT: 14.40 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BF095357.D
Acq: 23 May 2017 18:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 138715
Ion Ratio Lower Upper
284 100
142 38.4 22.8 34.2#
249 31.5 24.0 36.0

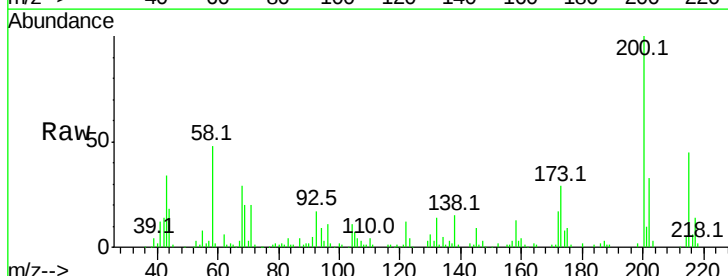


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

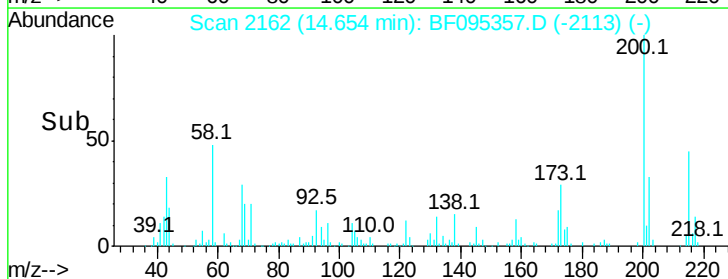
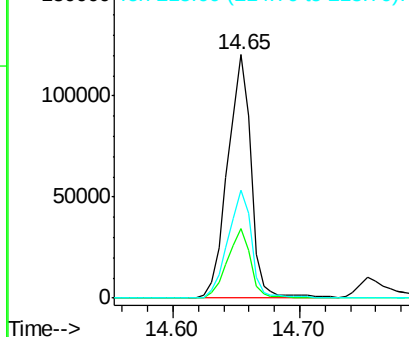


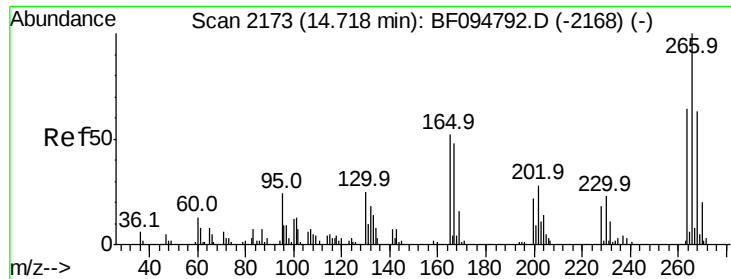
#68
Atrazine
Concen: 44.24 ng
RT: 14.65 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BF095357.D
Acq: 23 May 2017 18:21

Tgt Ion:200 Resp: 154057
Ion Ratio Lower Upper
200 100
173 28.8 6.3 46.3
215 44.6 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

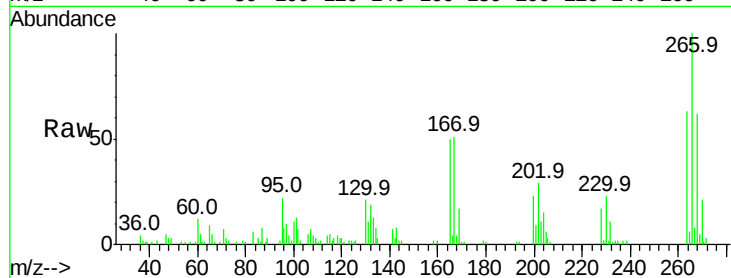




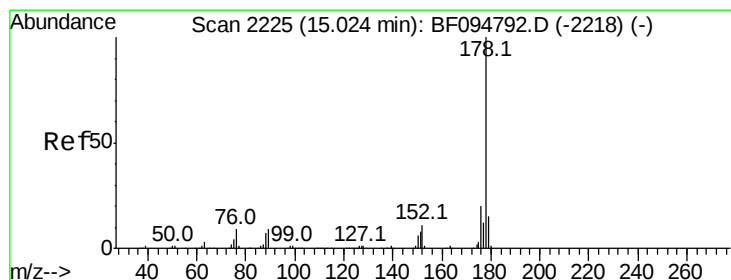
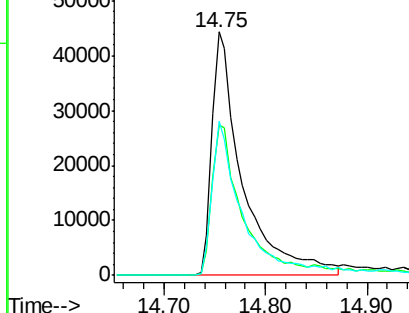
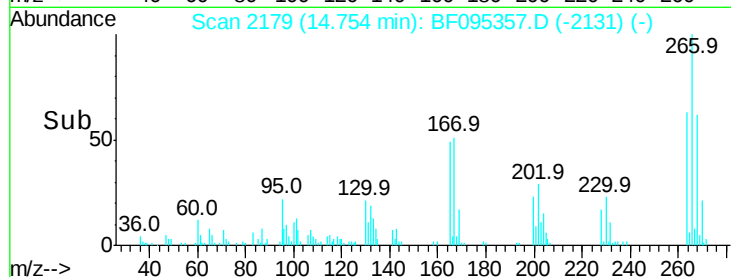
#69
 Pentachlorophenol
 Concen: 57.91 ng
 RT: 14.75 min Scan# 2179
 Delta R.T. -0.02 min
 Lab File: BF095357.D
 Acq: 23 May 2017 18:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.6	51.1	76.7
264	63.3	51.7	77.5

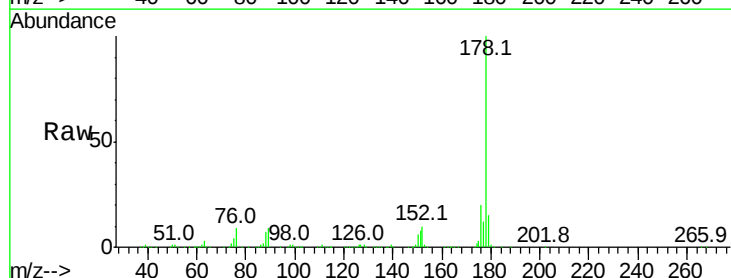


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

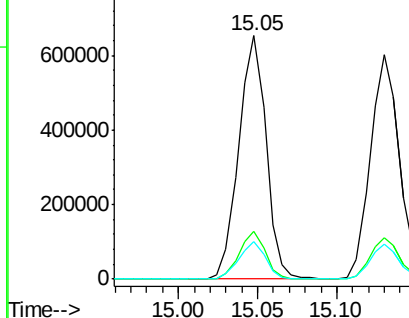
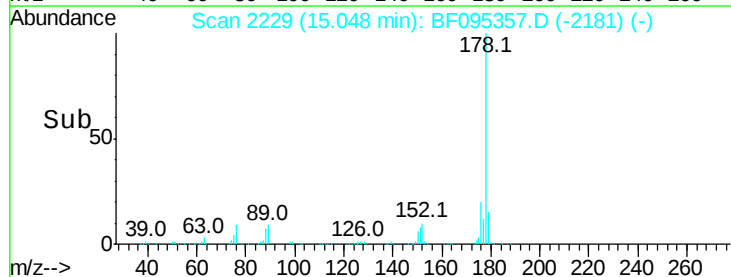


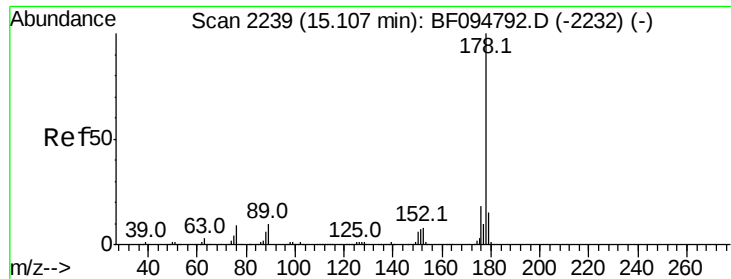
#70
 Phenanthrene
 Concen: 40.07 ng
 RT: 15.05 min Scan# 2229
 Delta R.T. -0.02 min
 Lab File: BF095357.D
 Acq: 23 May 2017 18:21

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.2	24.4
179	15.4	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

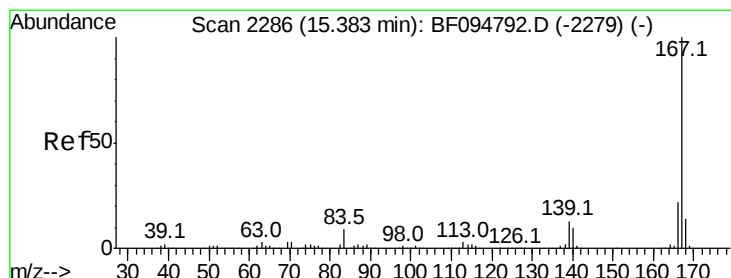
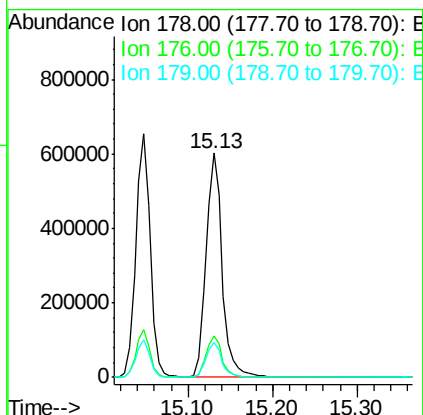
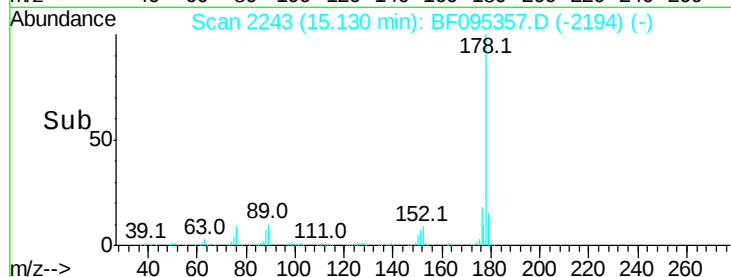
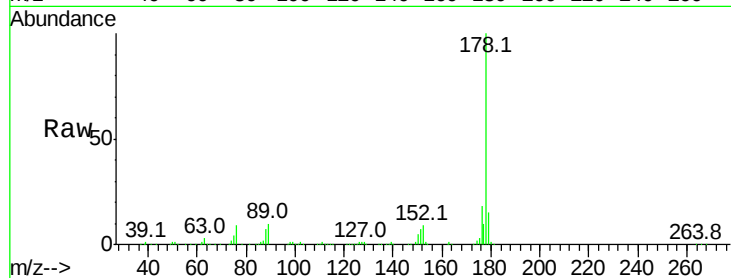




#71
 Anthracene
 Concen: 40.30 ng
 RT: 15.13 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BF095357.D
 Acq: 23 May 2017 18:21

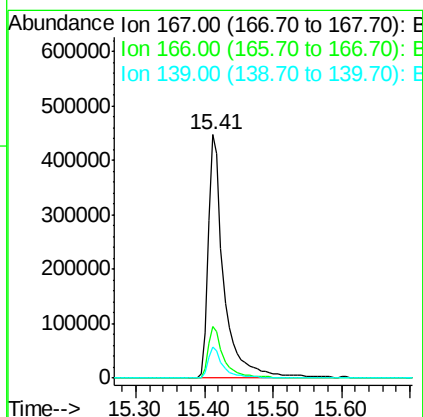
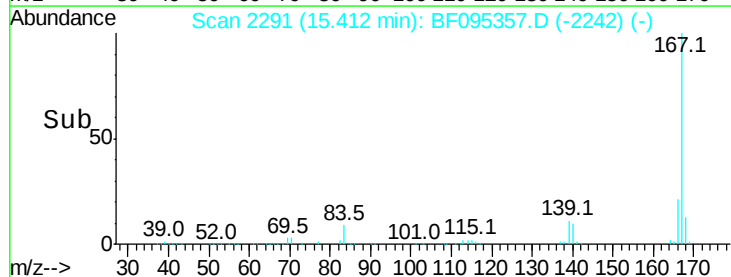
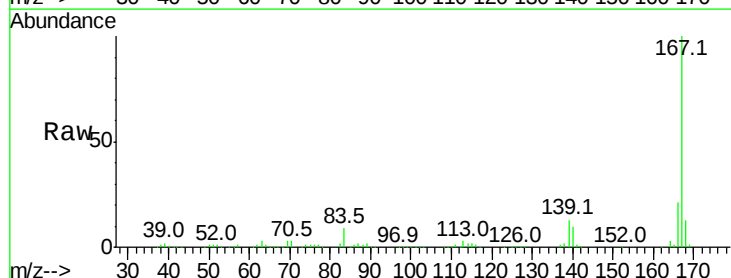
Instrument :
 BNA_F
 ClientSampled :

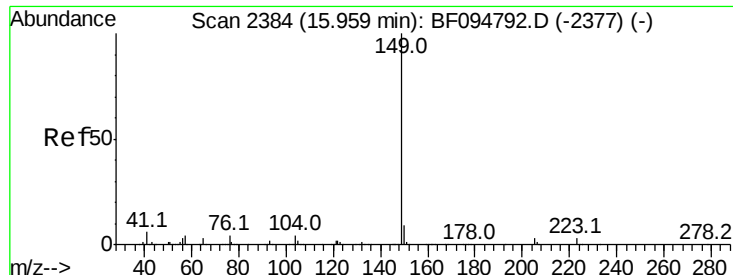
Tot Ion:178 Resp: 803628
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.8 23.8
 179 15.4 12.7 19.1



#72
 Carbazole
 Concen: 39.80 ng
 RT: 15.41 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BF095357.D
 Acq: 23 May 2017 18:21

Tgt Ion:167 Resp: 722110
 Ion Ratio Lower Upper
 167 100
 166 21.4 18.1 27.1
 139 12.7 11.7 17.5





#73

Di-n-butylphthalate

Concen: 40.69 ng

RT: 15.97 min Scan# 2386

Delta R.T. -0.01 min

Lab File: BF095357.D

Acq: 23 May 2017 18:21

Instrument :

BNA_F

ClientSampleId :

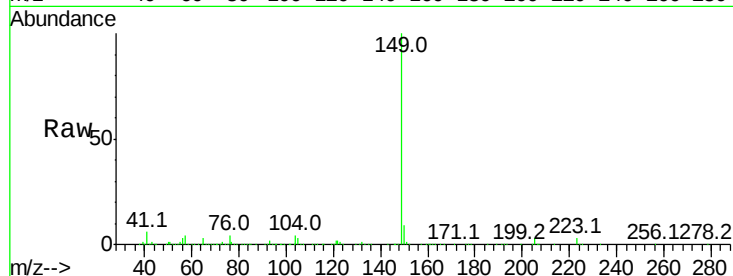
Tot Ion:149 Resp: 920805

Ion Ratio Lower Upper

149 100

150 9.0 7.7 11.5

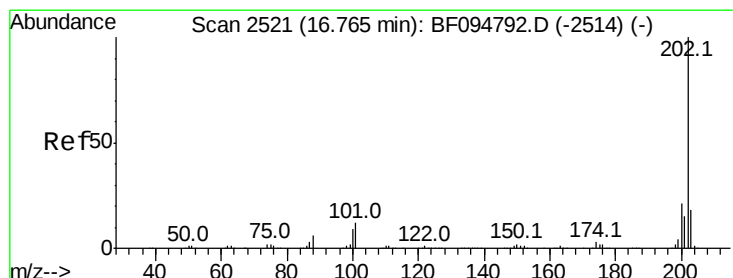
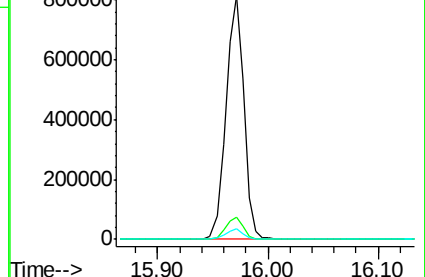
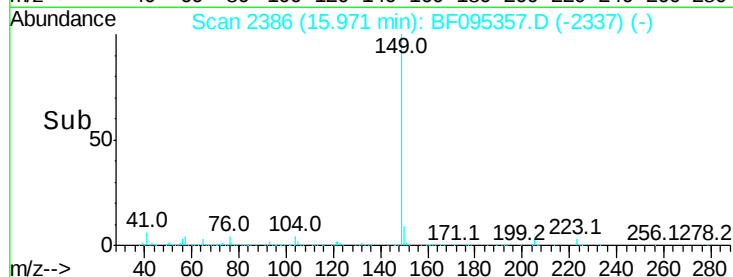
104 4.2 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.37 ng

RT: 16.79 min Scan# 2525

Delta R.T. -0.01 min

Lab File: BF095357.D

Acq: 23 May 2017 18:21

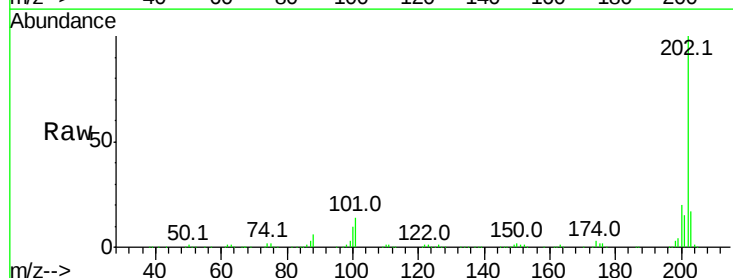
Tgt Ion:202 Resp: 708291

Ion Ratio Lower Upper

202 100

101 14.0 0.0 33.2

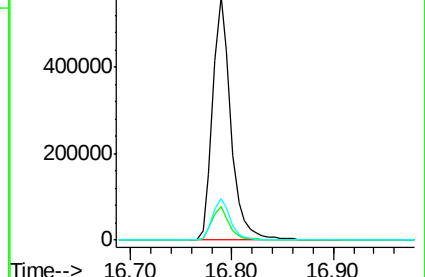
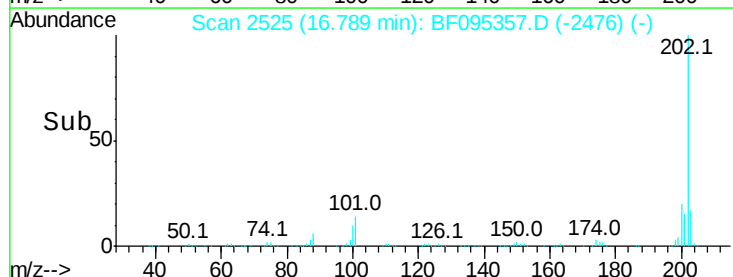
203 17.0 0.0 38.1

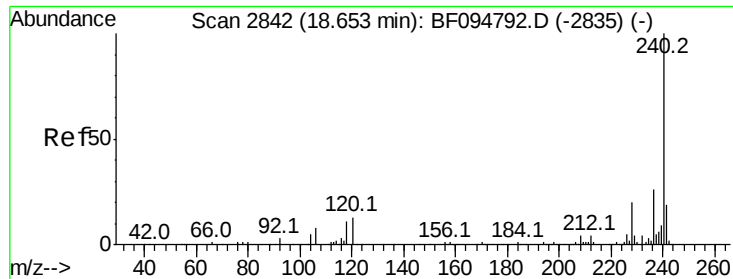


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

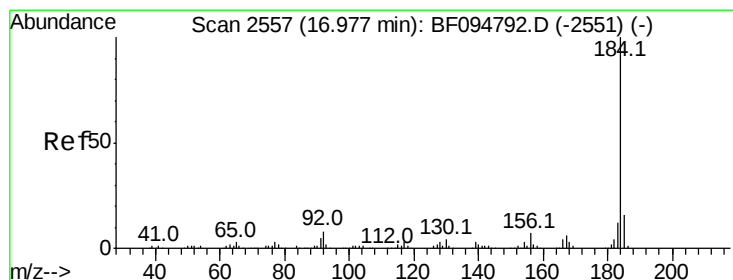
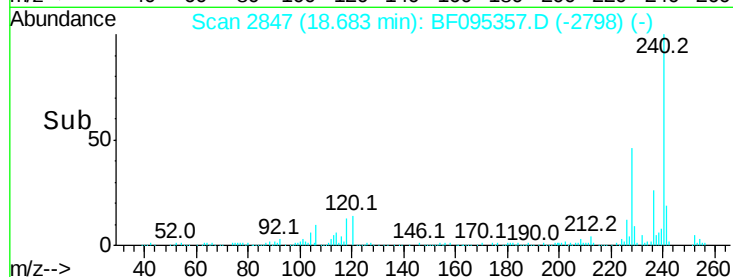
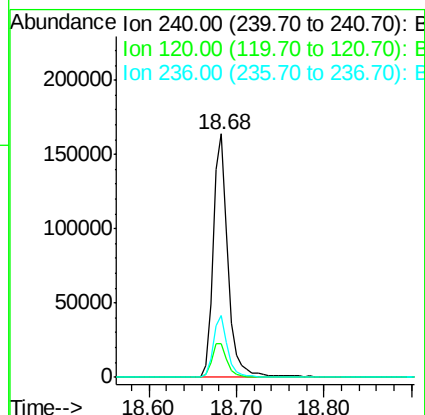
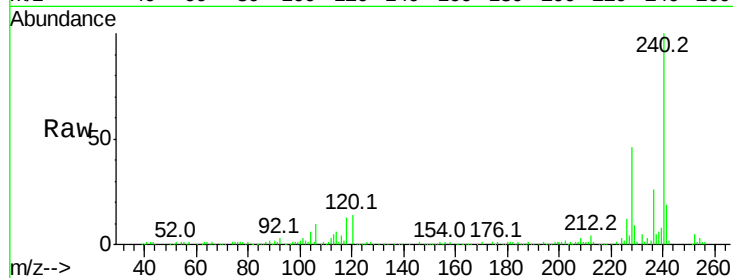




#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.68 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BF095357.D
Acq: 23 May 2017 18:21

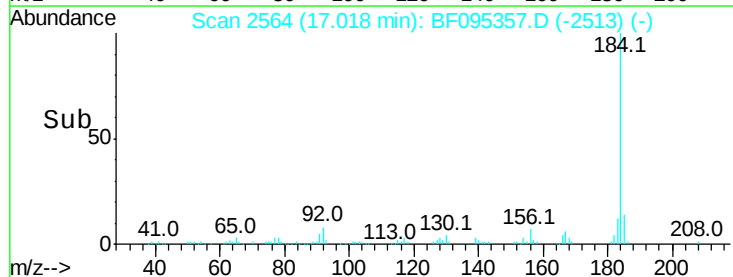
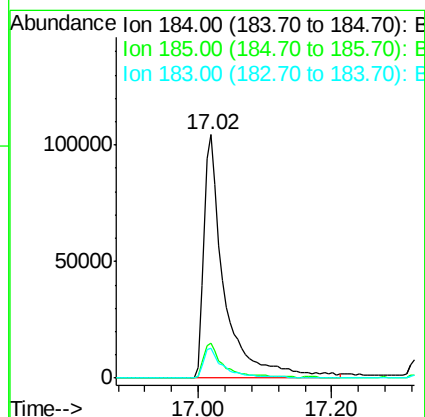
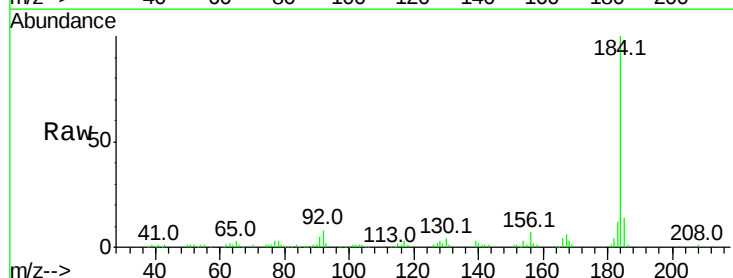
Instrument :
BNA_F
ClientSampleId :

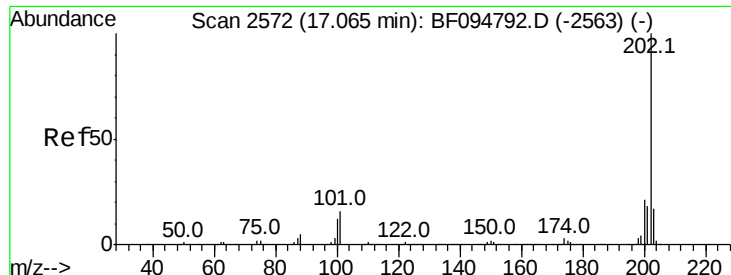
Tot Ion:240 Resp: 191472
Ion Ratio Lower Upper
240 100
120 13.9 5.8 8.8#
236 25.5 20.5 30.7



#76
Benzidine
Concen: 43.50 ng
RT: 17.02 min Scan# 2564
Delta R.T. 0.00 min
Lab File: BF095357.D
Acq: 23 May 2017 18:21

Tgt Ion:184 Resp: 221569
Ion Ratio Lower Upper
184 100
185 14.3 15.5 23.3#
183 12.5 9.8 14.6





#77

Pvrene

Concen: 48.01 ng

RT: 17.09 min Scan# 2577

Delta R.T. -0.01 min

Lab File: BF095357.D

Acq: 23 May 2017 18:21

Instrument :

BNA_F

ClientSampleId :

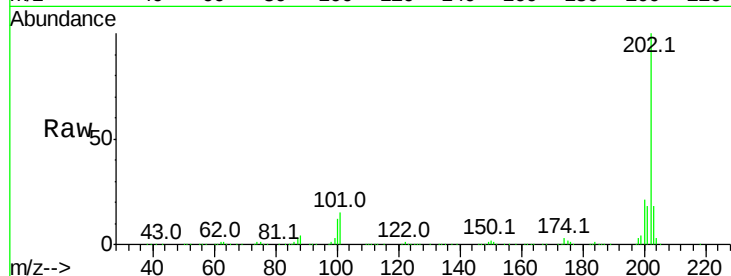
Tot Ion:202 Resp: 687555

Ion Ratio Lower Upper

202 100

200 20.8 17.6 26.4

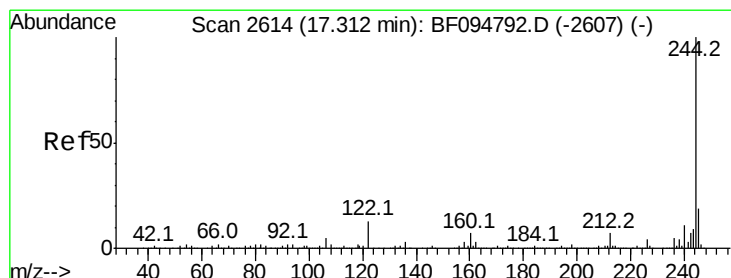
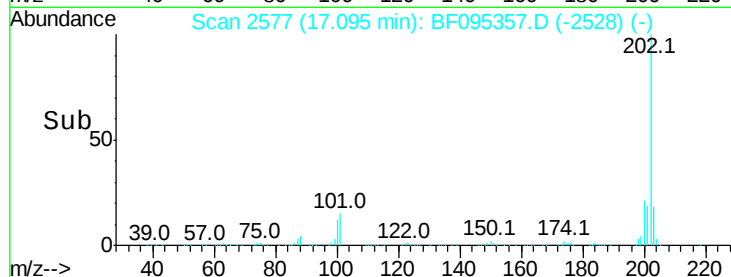
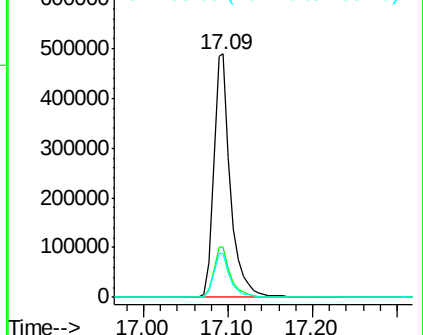
203 18.1 14.4 21.6



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: 89.53 ng

RT: 17.33 min Scan# 2617

Delta R.T. -0.02 min

Lab File: BF095357.D

Acq: 23 May 2017 18:21

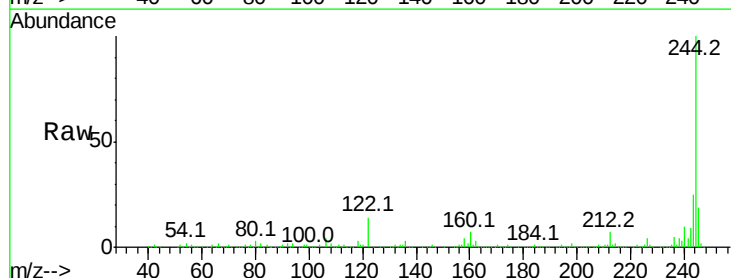
Tgt Ion:244 Resp: 778286

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

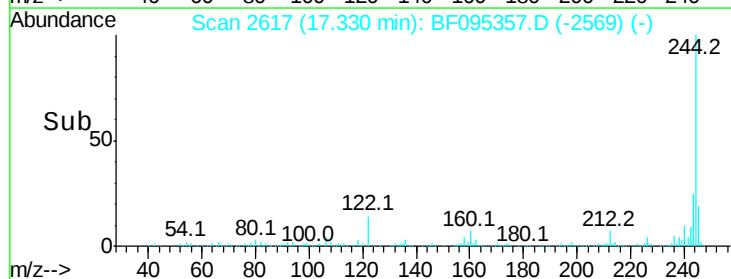
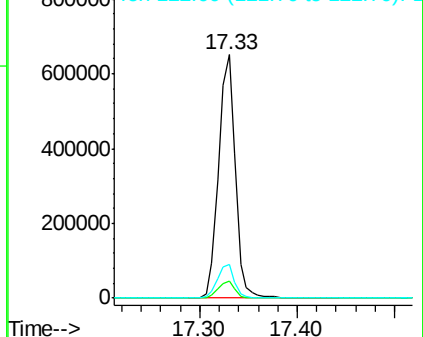
122 13.7 10.3 15.5

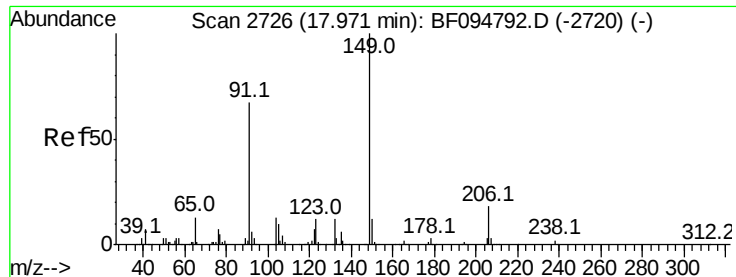


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

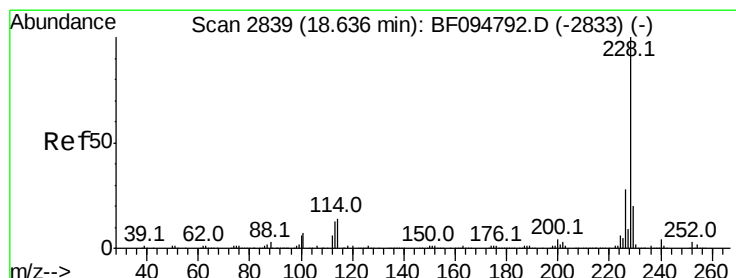
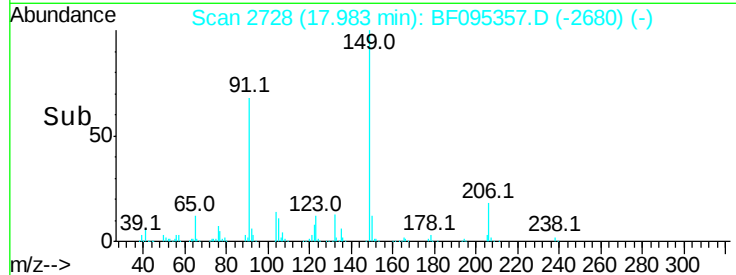
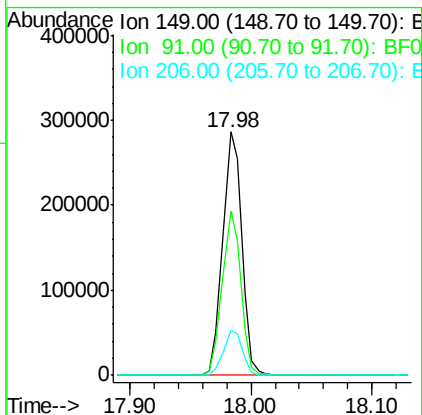
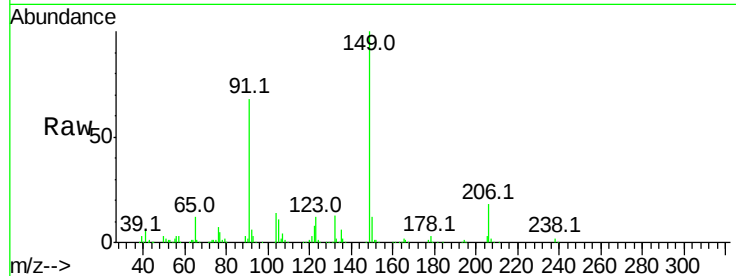




#79
Butylbenzylphthalate
Concen: 47.11 ng
RT: 17.98 min Scan# 2728
Delta R.T. -0.02 min
Lab File: BF095357.D
Acq: 23 May 2017 18:21

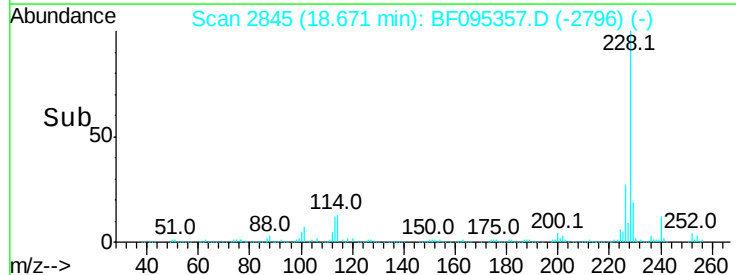
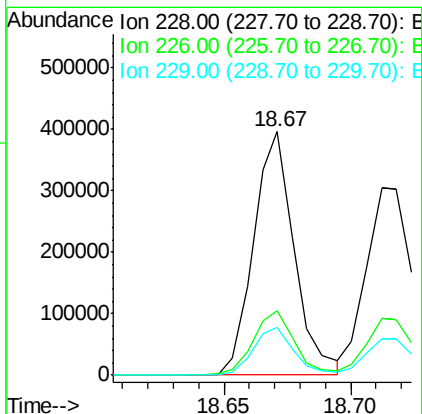
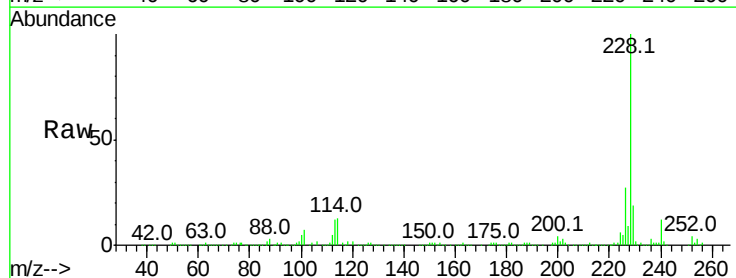
Instrument :
BNA_F
ClientSampleId :

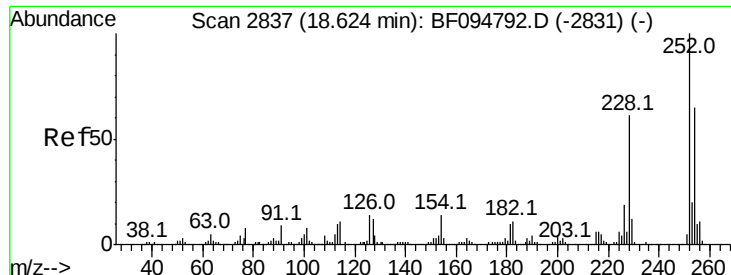
Tot Ion	Ratio	Lower	Upper
149	100		
91	67.6	45.0	67.4#
206	18.4	17.0	25.6



#80
Benzo(a)anthracene
Concen: 39.78 ng
RT: 18.67 min Scan# 2845
Delta R.T. -0.01 min
Lab File: BF095357.D
Acq: 23 May 2017 18:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.7	22.6	33.8
229	19.4	16.3	24.5

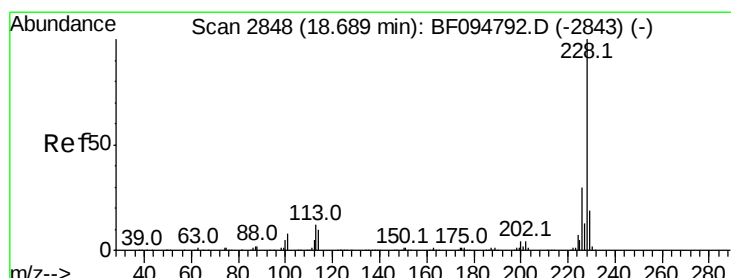
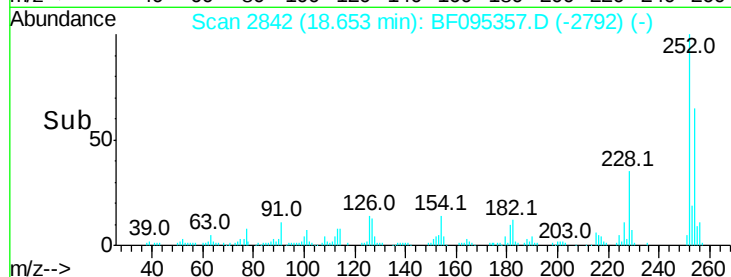
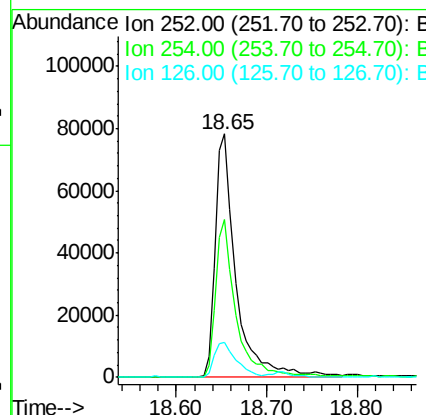
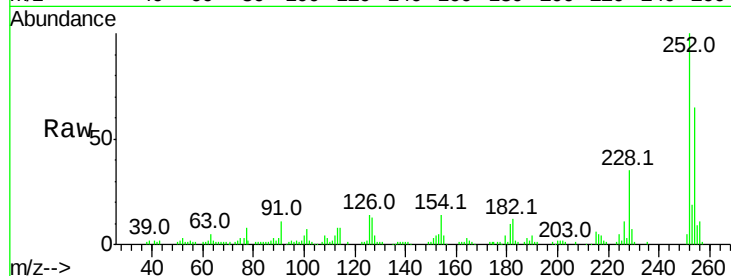




#81
 3,3'-Dichlorobenzidine
 Concen: 32.76 ng
 RT: 18.65 min Scan# 2842
 Delta R.T. -0.01 min
 Lab File: BF095357.D
 Acq: 23 May 2017 18:21

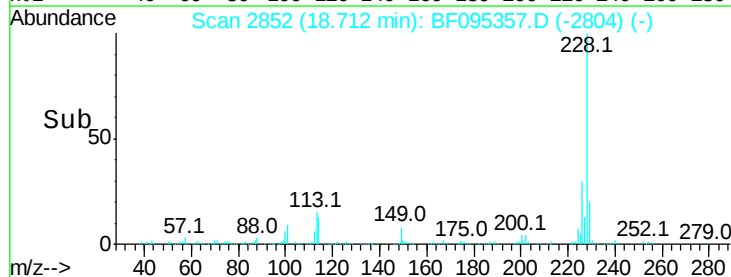
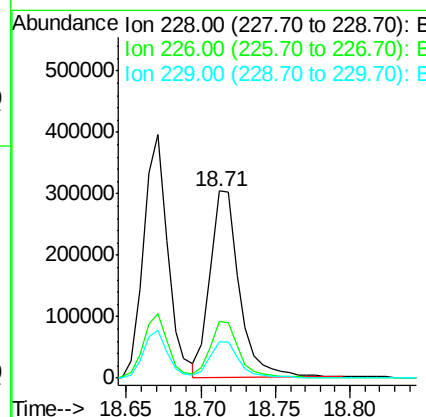
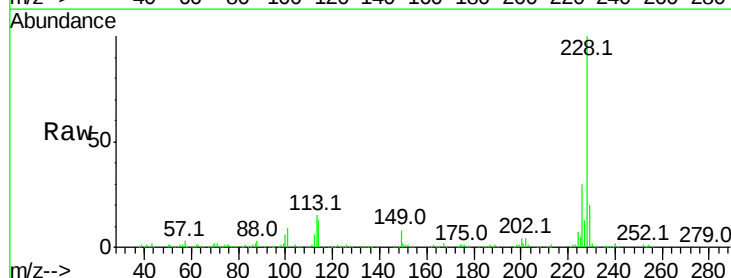
Instrument :
 BNA_F
 ClientSampled :

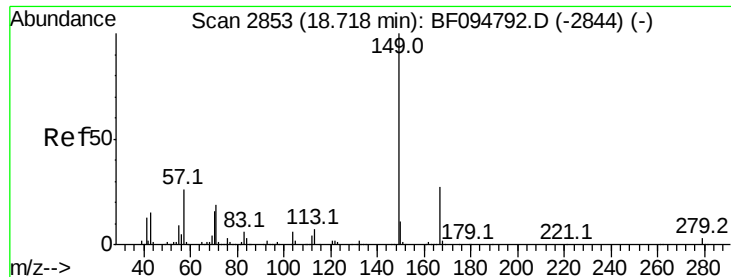
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.5	77.3
126	14.2	15.8	23.8#



#82
 Chrysene
 Concen: 38.53 ng
 RT: 18.71 min Scan# 2852
 Delta R.T. -0.02 min
 Lab File: BF095357.D
 Acq: 23 May 2017 18:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.9	37.3
229	19.6	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.08 ng

RT: 18.73 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BF095357.D

Acq: 23 May 2017 18:21

Instrument :

BNA_F

ClientSampled :

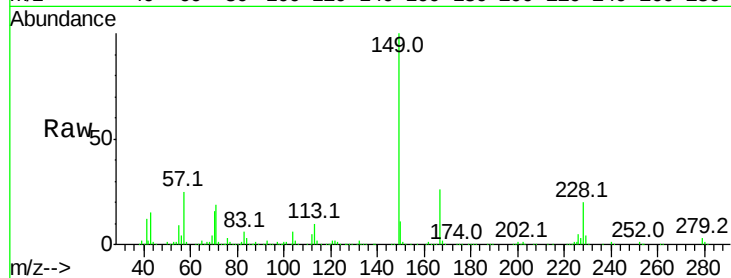
Tot Ion:149 Resp: 418354

Ion Ratio Lower Upper

149 100

167 26.3 21.0 31.4

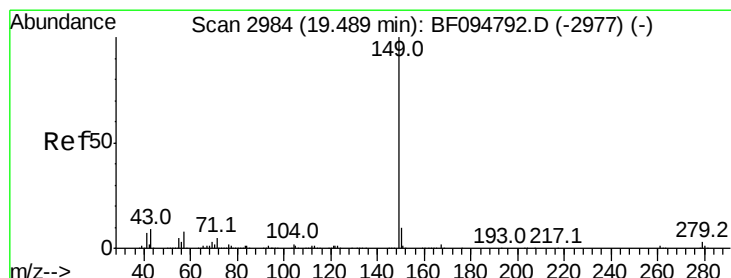
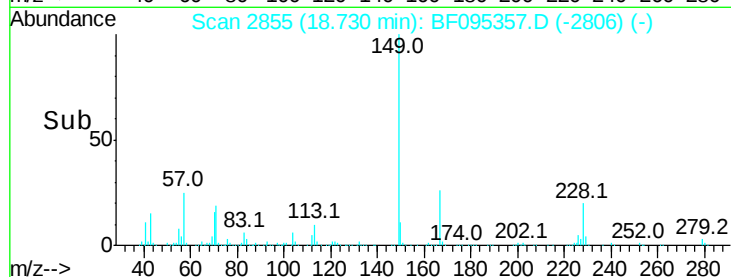
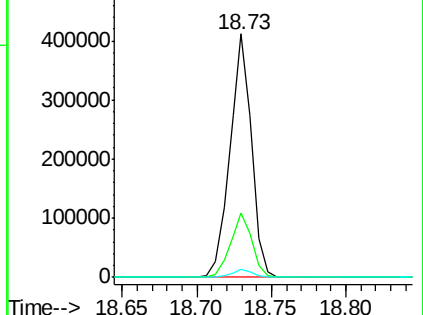
279 3.2 1.9 2.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 40.48 ng

RT: 19.49 min Scan# 2985

Delta R.T. -0.02 min

Lab File: BF095357.D

Acq: 23 May 2017 18:21

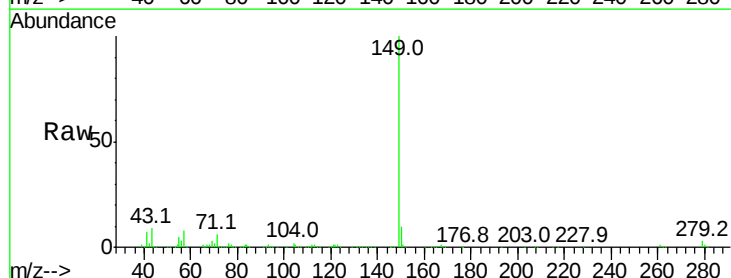
Tgt Ion:149 Resp: 629853

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

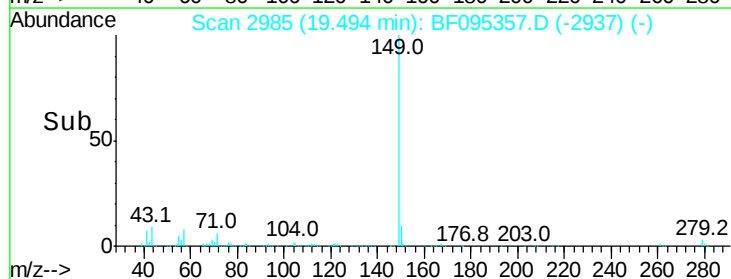
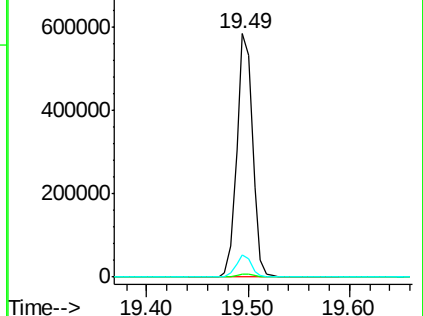
43 8.6 8.5 12.7

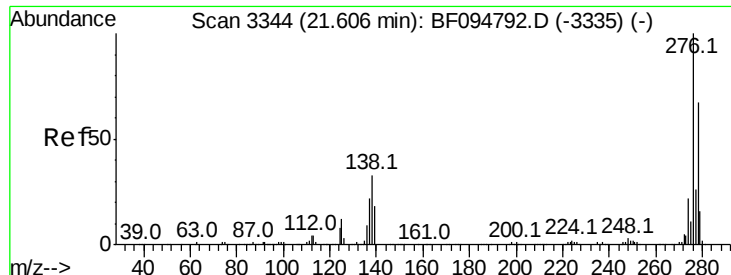


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

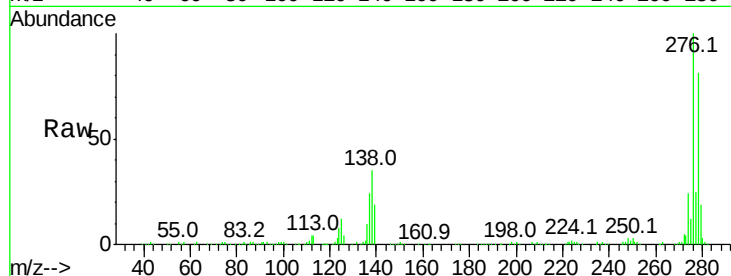




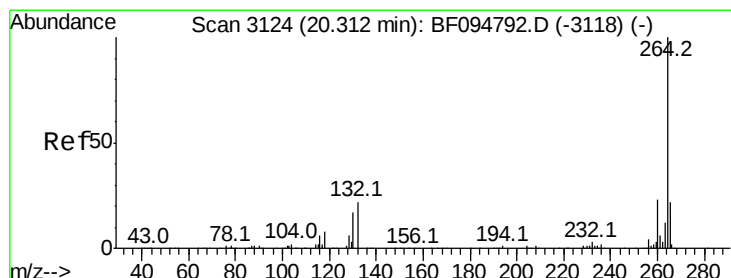
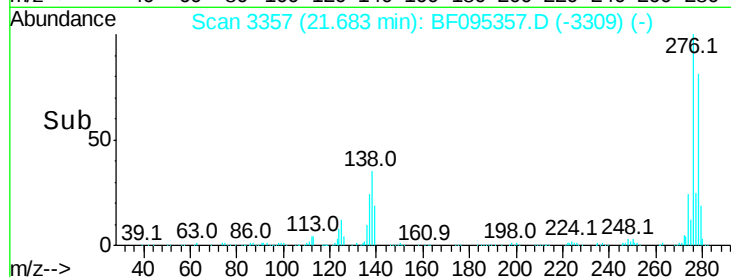
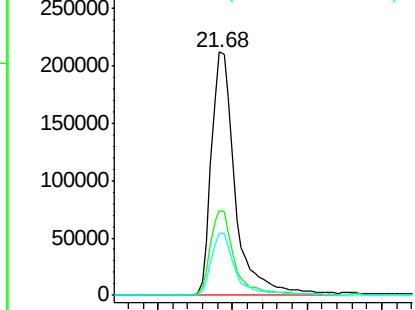
#85
Indeno(1,2,3-cd)pyrene
Concen: 54.28 ng
RT: 21.68 min Scan# 3357
Delta R.T. -0.02 min
Lab File: BF095357.D
Acq: 23 May 2017 18:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:276 Resp: 474932
Ion Ratio Lower Upper
276 100
138 34.6 27.8 41.6
277 25.7 20.2 30.4

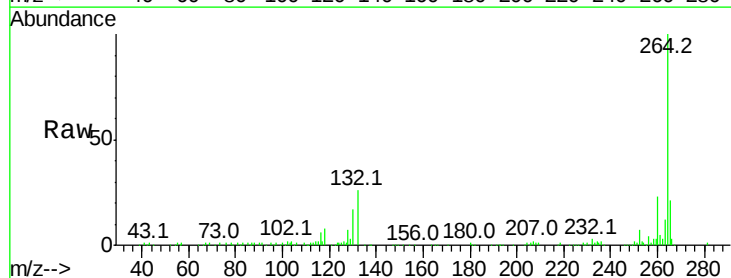


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

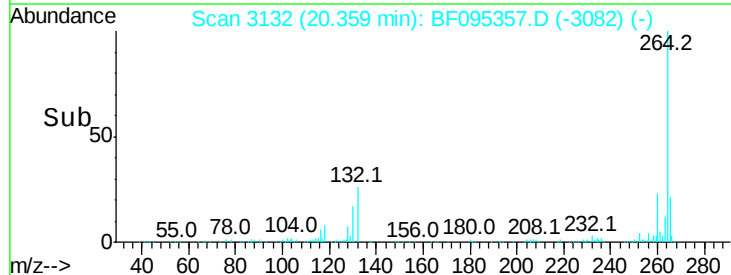
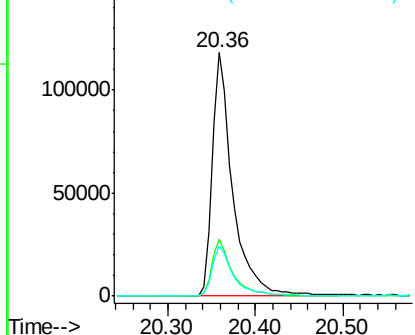


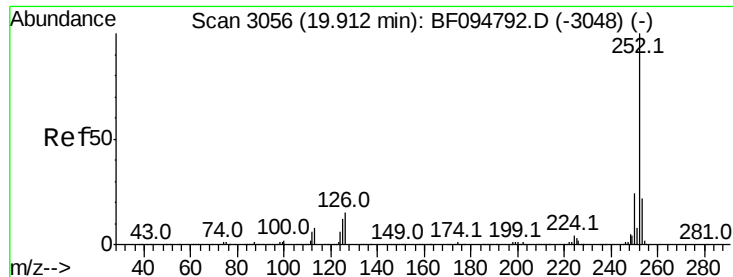
#86
Perylene-d12
Concen: 20.00 ng
RT: 20.36 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BF095357.D
Acq: 23 May 2017 18:21

Tgt Ion:264 Resp: 192643
Ion Ratio Lower Upper
264 100
260 23.2 19.5 29.3
265 20.6 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 34.68 ng

RT: 19.95 min Scan# 3062

Delta R.T. -0.01 min

Lab File: BF095357.D

Acq: 23 May 2017 18:21

Instrument :

BNA_F

ClientSampleId :

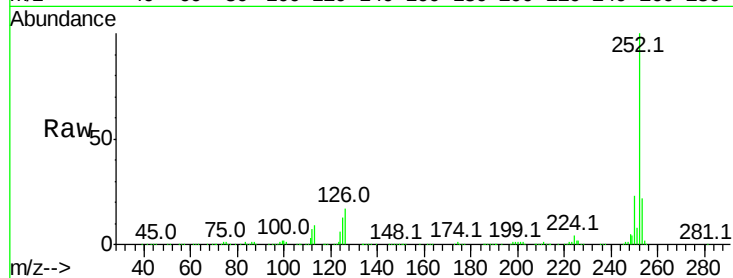
Tot Ion:252 Resp: 412816

Ion Ratio Lower Upper

252 100

253 21.7 18.1 27.1

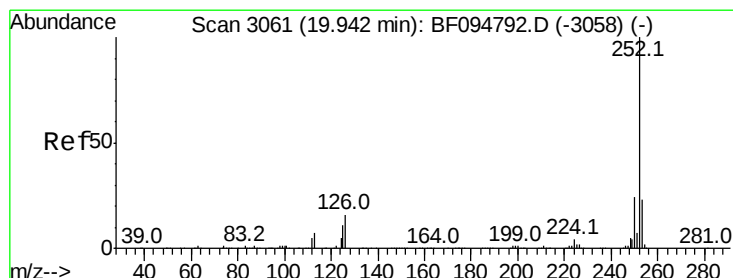
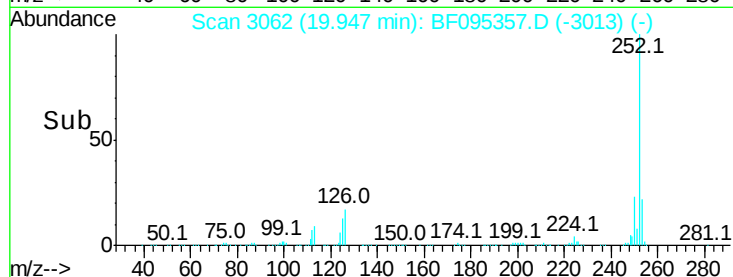
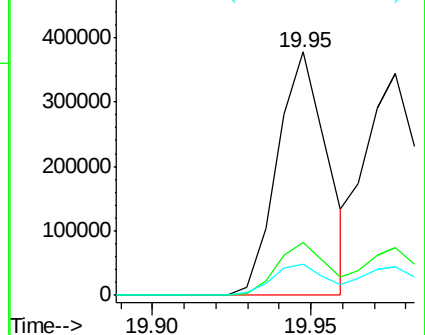
125 12.9 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 40.55 ng

RT: 19.98 min Scan# 3067

Delta R.T. -0.01 min

Lab File: BF095357.D

Acq: 23 May 2017 18:21

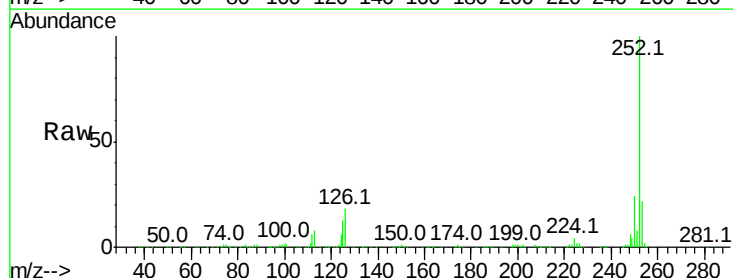
Tgt Ion:252 Resp: 465606

Ion Ratio Lower Upper

252 100

253 21.5 18.4 27.6

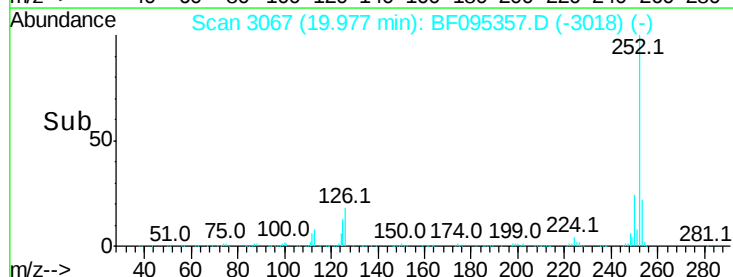
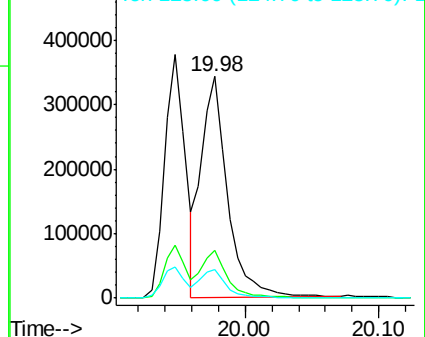
125 13.2 13.1 19.7

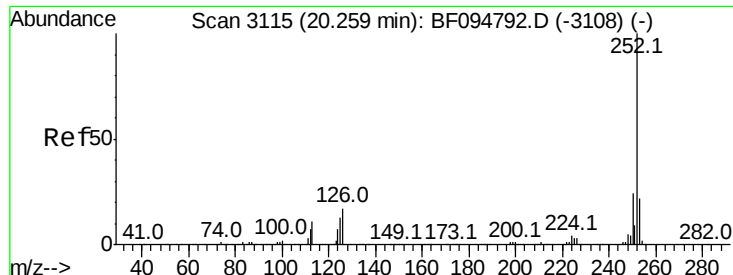


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

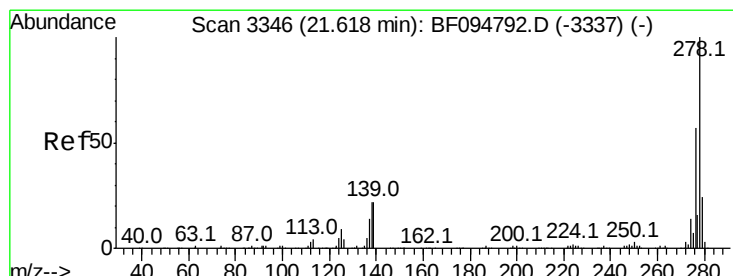
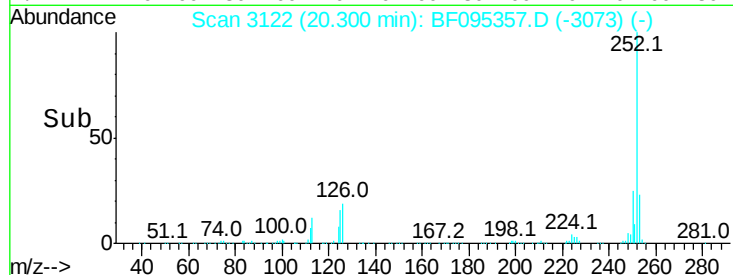
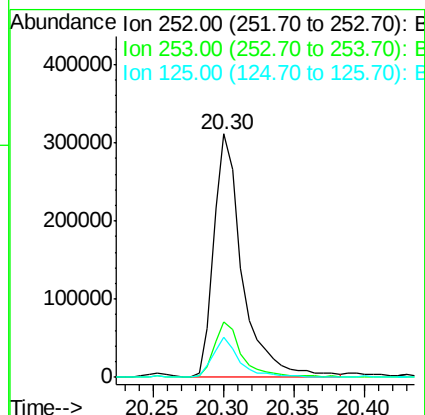
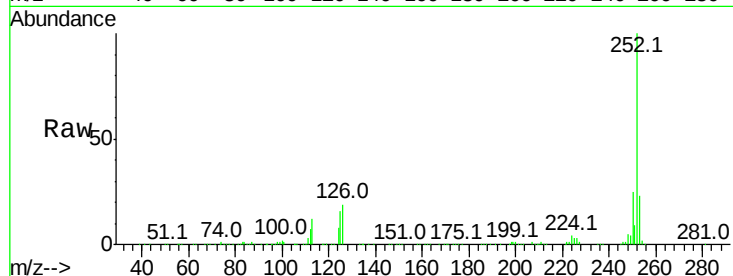




#89
Benzo(a)pyrene
Concen: 39.43 ng
RT: 20.30 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BF095357.D
Acq: 23 May 2017 18:21

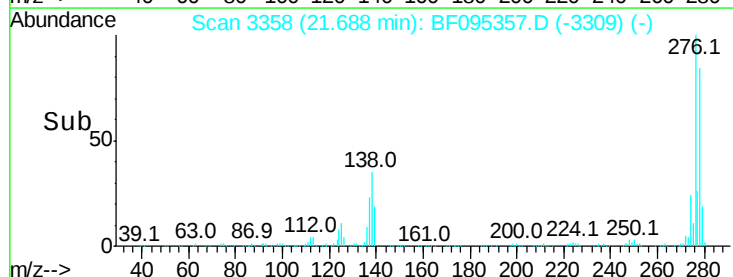
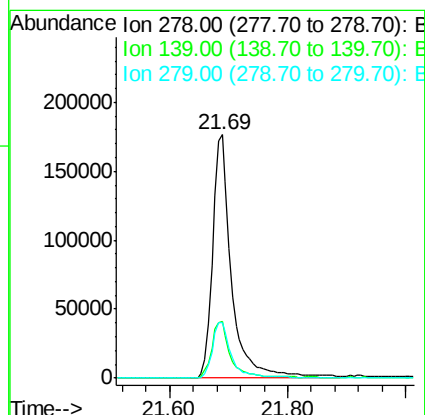
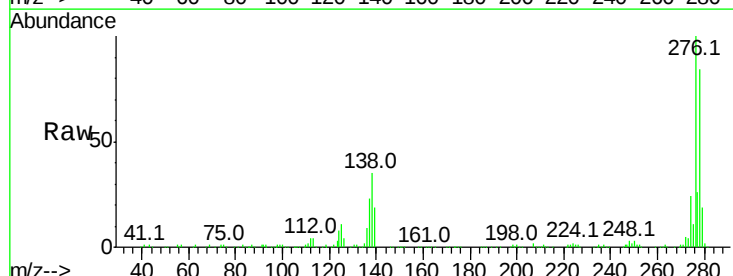
Instrument :
BNA_F
ClientSampleId :

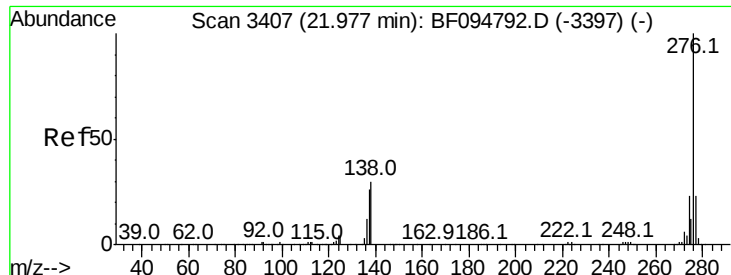
Tot Ion:252 Resp: 433052
Ion Ratio Lower Upper
252 100
253 22.8 17.5 26.3
125 16.4 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 43.79 ng
RT: 21.69 min Scan# 3358
Delta R.T. -0.01 min
Lab File: BF095357.D
Acq: 23 May 2017 18:21

Tgt Ion:278 Resp: 397240
Ion Ratio Lower Upper
278 100
139 23.0 16.6 24.8
279 22.9 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 44.60 ng

RT: 22.07 min Scan# 3423

Delta R.T. -0.01 min

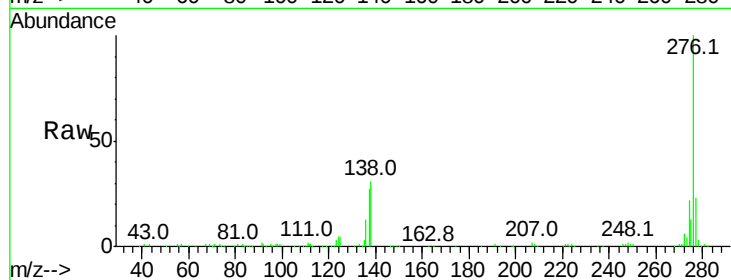
Lab File: BF095357.D

Acq: 23 May 2017 18:21

Instrument :

BNA_F

ClientSampleId :



Tot Ion: 276 Resp: 396995

Ion Ratio Lower Upper

276 100

277 23.2 18.6 28.0

138 31.0 25.4 38.0

