

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033115\
 Data File : BF078118.D
 Acq On : 31 Mar 2015 17:10
 Operator : TP/IZ
 Sample : G1704-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-11(0-10)MS

Quant Time: Apr 01 00:21:00 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 00:51:03 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.05	152	44350	20.00	ng	0.00
21) Naphthalene-d8	8.62	136	185513	20.00	ng	0.00
38) Acenaphthene-d10	10.79	164	96626	20.00	ng	0.00
63) Phenanthrene-d10	12.63	188	186480	20.00	ng	0.00
75) Chrysene-d12	15.92	240	185030	20.00	ng	0.02
86) Perylene-d12	17.69	264	165425	20.00	ng	0.08

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	207121	81.52	ng	0.00
7) Phenol-d6	6.64	99	279242	88.95	ng	0.00
23) Nitrobenzene-d5	7.74	82	163374	57.73	ng	0.00
41) 2,4,6-Tribromophenol	11.77	330	73684	79.70	ng	0.00
44) 2-Fluorobiphenyl	9.97	172	350950	53.38	ng	0.00
78) Terphenyl-d14	14.61	244	398365	52.59	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.90	88	19061	16.52	ng	# 100
3) Pyridine	2.58	79	36260	11.70	ng	91
4) n-Nitrosodimethylamine	2.49	42	24702	18.30	ng	# 98
6) Aniline	6.64	93	97720	21.76	ng	# 86
8) 2-Chlorophenol	6.78	128	85693	28.33	ng	91
10) Phenol	6.65	94	111010	29.92	ng	78
11) bis(2-Chloroethyl)ether	6.74	93	78483	28.24	ng	91
12) 1,3-Dichlorobenzene	6.97	146	84766	25.20	ng	99
13) 1,4-Dichlorobenzene	7.07	146	85976	24.60	ng	100
14) 1,2-Dichlorobenzene	7.25	146	81542	25.45	ng	98
15) Benzyl Alcohol	7.24	79	70060	28.59	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.41	45	104979	28.03	ng	98
17) 2-Methylphenol	7.40	107	68756	27.93	ng	96
18) Hexachloroethane	7.66	117	29302	25.56	ng	97
19) n-Nitroso-di-n-propylamine	7.57	70	63424	29.21	ng	94
20) 3+4-Methylphenols	7.60	107	96875	29.99	ng	98
22) Acetophenone	7.56	105	124949	30.42	ng	# 92
24) Nitrobenzene	7.77	77	88172	28.92	ng	# 86
25) Isophorone	8.06	82	167072	29.23	ng	95
26) 2-Nitrophenol	8.16	139	42018	28.15	ng	# 86
27) 2,4-Dimethylphenol	8.24	122	79790	29.34	ng	97
28) bis(2-Chloroethoxy)methane	8.35	93	107972	31.12	ng	100
29) 2,4-Dichlorophenol	8.46	162	81049	31.27	ng	98
30) 1,2,4-Trichlorobenzene	8.56	180	78076	26.92	ng	99
31) Naphthalene	8.65	128	263761	27.68	ng	100
32) Benzoic acid	8.35	122	31657	22.62	ng	97
33) 4-Chloroaniline	8.73	127	96498	24.96	ng	# 92
34) Hexachlorobutadiene	8.81	225	41383	25.18	ng	96
35) Caprolactam	9.15	113	23242	30.68	ng	93
36) 4-Chloro-3-methylphenol	9.36	107	79931	30.65	ng	98
37) 2-Methylnaphthalene	9.50	142	182286	28.48	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.71	216	79409	27.55	ng	# 100
40) Hexachlorocyclopentadiene	9.70	237	67505	48.10	ng	99
42) 2,4,6-Trichlorophenol	9.87	196	52553	26.32	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.92	196	61978	28.74	ng	# 91
45) 1,1'-Biphenyl	10.09	154	217780	28.19	ng	99
46) 2-Chloronaphthalene	10.11	162	175647	27.98	ng	98
47) 2-Nitroaniline	10.25	65	46964	30.12	ng	92
48) Acenaphthylene	10.61	152	278566	26.69	ng	99
49) Dimethylphthalate	10.49	163	241952	33.76	ng	98
50) 2,6-Dinitrotoluene	10.56	165	45949	30.93	ng	# 86
51) Acenaphthene	10.83	154	163819	27.37	ng	99
52) 3-Nitroaniline	10.76	138	45571	26.41	ng	92
53) 2,4-Dinitrophenol	10.90	184	26477	51.69	ng	# 64
54) Dibenzofuran	11.05	168	256248	28.87	ng	99
55) 4-Nitrophenol	10.99	139	69071	54.05	ng	# 76
56) 2,4-Dinitrotoluene	11.05	165	59814	30.88	ng	# 89
57) Fluorene	11.47	166	208098	28.23	ng	100
58) 2,3,4,6-Tetrachlorophenol	11.21	232	46858	28.22	ng	# 100
59) Diethylphthalate	11.36	149	205344	29.41	ng	96
60) 4-Chlorophenyl-phenylether	11.48	204	97548	29.00	ng	98
61) 4-Nitroaniline	11.51	138	46942	27.30	ng	# 70
62) Azobenzene	11.68	77	196468	29.44	ng	99
64) 4,6-Dinitro-2-methylphenol	11.55	198	22709	27.78	ng	82
65) n-Nitrosodiphenylamine	11.63	169	178092	28.68	ng	99
66) 4-Bromophenyl-phenylether	12.09	248	57301	28.79	ng	98
67) Hexachlorobenzene	12.13	284	58853	26.91	ng	# 73
68) Atrazine	12.31	200	53183	30.56	ng	94
69) Pentachlorophenol	12.40	266	52664	47.29	ng	97
70) Phenanthrene	12.65	178	297890	27.83	ng	100
71) Anthracene	12.72	178	301037	28.46	ng	99
72) Carbazole	12.93	167	291934	29.02	ng	97
73) Di-n-butylphthalate	13.39	149	341438	30.27	ng	99
74) Fluoranthene	14.12	202	315355	26.71	ng	95
76) Benzidine	14.32	184	52725	11.17	ng	99
77) Pyrene	14.40	202	331627	28.50	ng	99
79) Butylbenzylphthalate	15.24	149	135553	29.55	ng	89
80) Benzo(a)anthracene	15.89	228	314173	28.64	ng	99
81) 3,3'-Dichlorobenzidine	15.88	252	96440	26.66	ng	# 99
82) Chrysene	15.94	228	287132	29.11	ng	99
83) Bis(2-ethylhexyl)phthalate	15.97	149	216235	31.12	ng	# 95
84) Di-n-octyl phthalate	16.80	149	351992	29.63	ng	100
85) Indeno(1,2,3-cd)pyrene	19.04	276	300749	24.43	ng	# 100
87) Benzo(b)fluoranthene	17.23	252	337089	31.21	ng	98
88) Benzo(k)fluoranthene	17.23	252	337073	39.96	ng	99
89) Benzo(a)pyrene	17.62	252	263003	29.19	ng	# 96
90) Dibenzo(a,h)anthracene	19.07	278	235033	26.30	ng	99
91) Benzo(g,h,i)perylene	19.43	276	238280	26.19	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.05 min Scan# 539

Delta R.T. 0.00 min

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S-11(0-10)MS

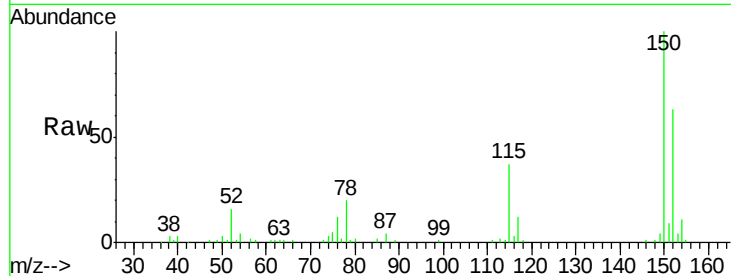
Tgt Ion:152 Resp: 44350

Ion Ratio Lower Upper

152 100

150 157.6 119.5 179.3

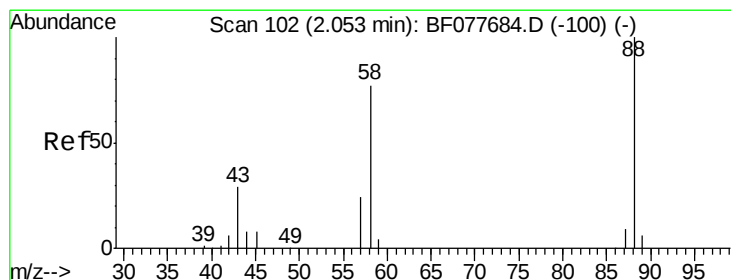
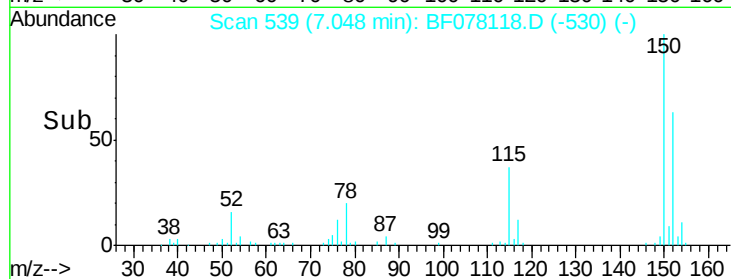
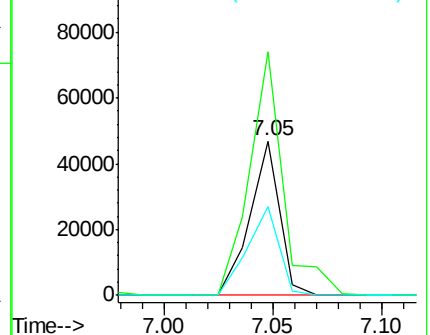
115 57.8 43.0 64.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 16.52 ng

RT: 1.90 min Scan# 89

Delta R.T. 0.01 min

Lab File: BF078118.D

Acq: 31 Mar 2015 17:10

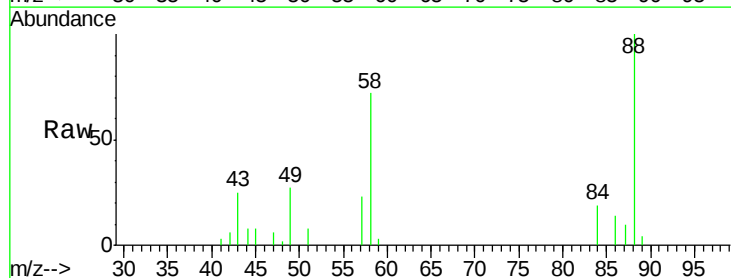
Tgt Ion: 88 Resp: 19061

Ion Ratio Lower Upper

88 100

58 82.1 0.0 0.0#

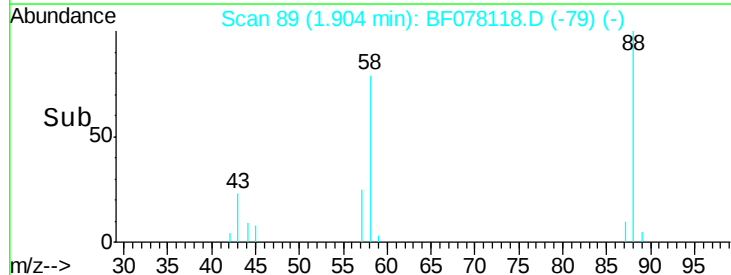
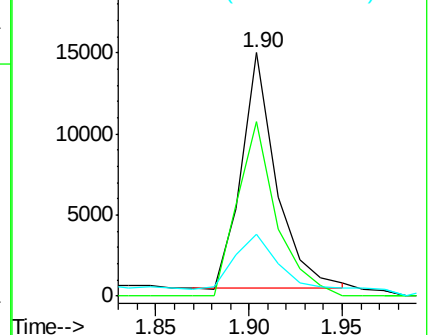
43 27.4 0.0 0.0#

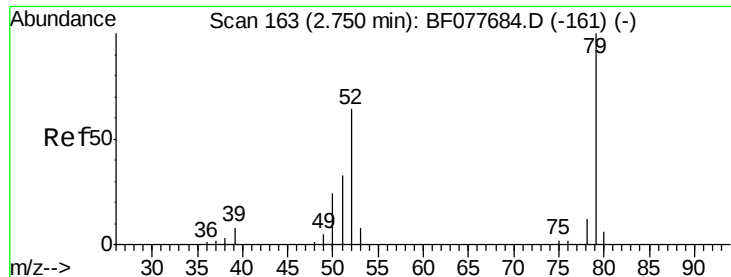


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 11.70 ng

RT: 2.58 min Scan# 148

Delta R.T. 0.05 min

Lab File: BF078118.D

Acq: 31 Mar 2015 17:10

Instrument :

BNA_F

ClientSampleId :

S-11(0-10)MS

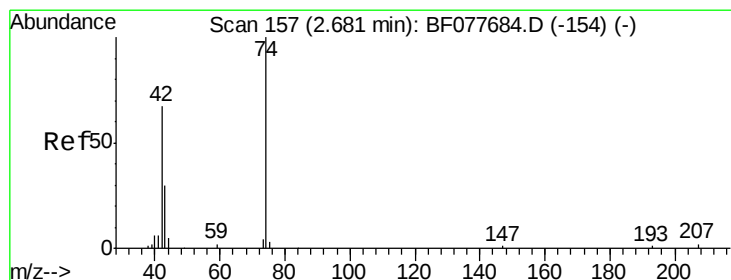
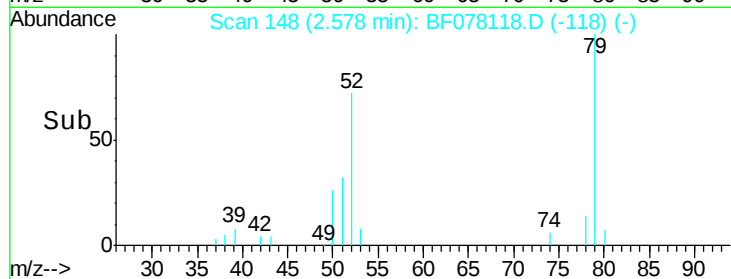
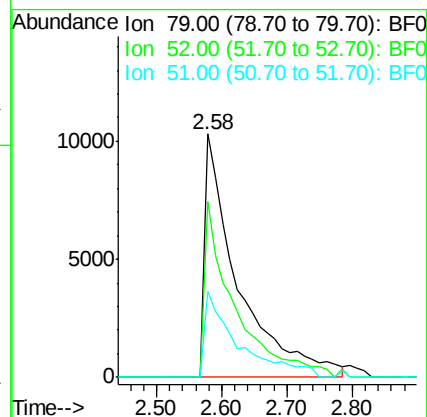
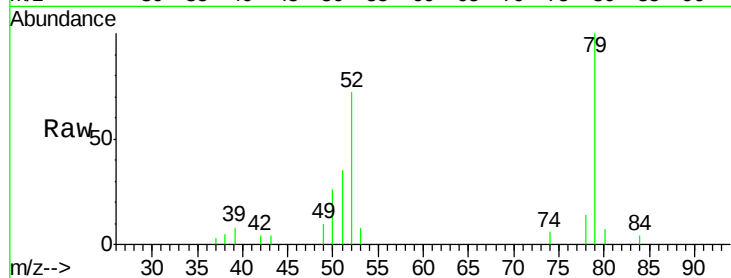
Tgt Ion: 79 Resp: 36260

Ion Ratio Lower Upper

79 100

52 72.1 51.1 76.7

51 35.4 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 18.30 ng

RT: 2.49 min Scan# 140

Delta R.T. 0.01 min

Lab File: BF078118.D

Acq: 31 Mar 2015 17:10

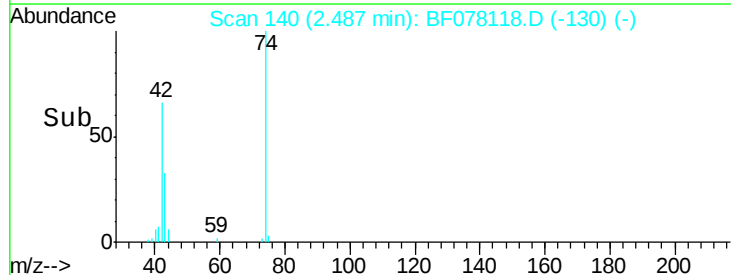
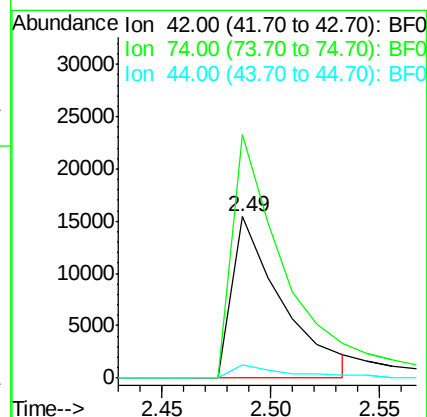
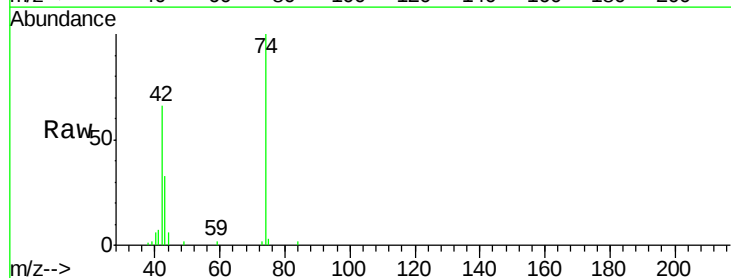
Tgt Ion: 42 Resp: 24702

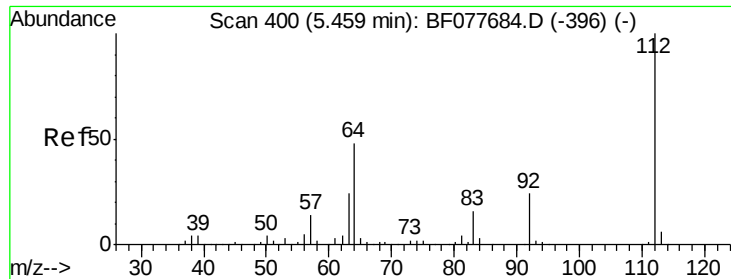
Ion Ratio Lower Upper

42 100

74 151.0 119.3 178.9

44 8.6 5.4 8.2#





#5

2-Fluorophenol

Concen: 81.52 ng

RT: 5.33 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF078118.D

Acq: 31 Mar 2015 17:10

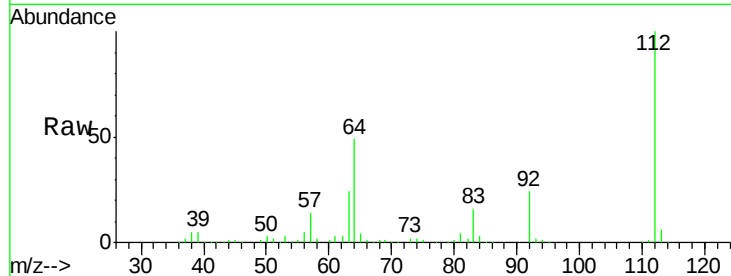
Instrument :

BNA_F

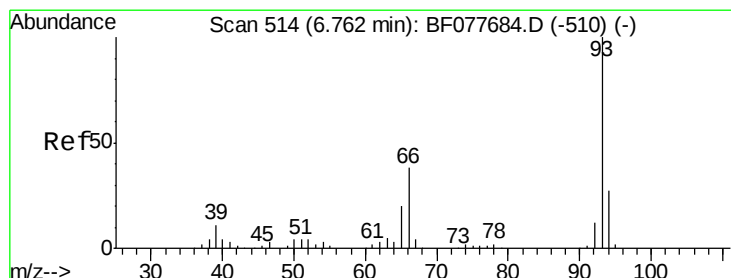
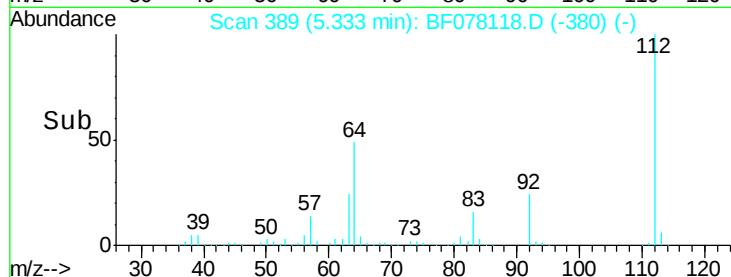
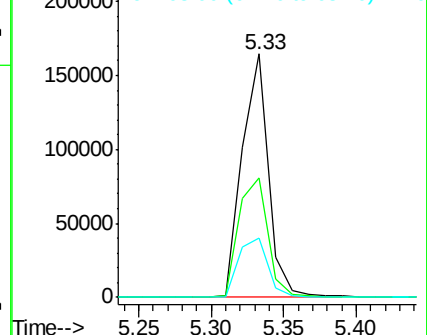
ClientSampleId :

S-11(0-10)MS

Tgt Ion:	112	Resp:	207121
Ion	Ratio	Lower	Upper
112	100		
64	49.2	38.6	57.8
63	24.4	19.3	28.9



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 21.76 ng

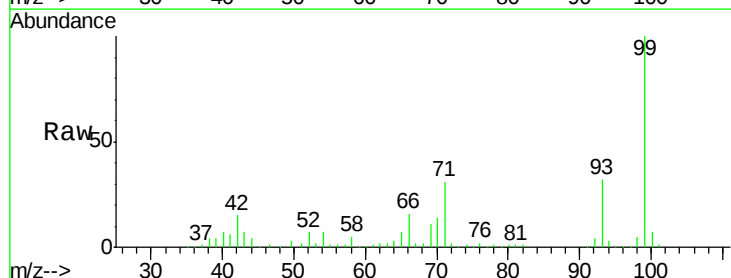
RT: 6.64 min Scan# 503

Delta R.T. 0.00 min

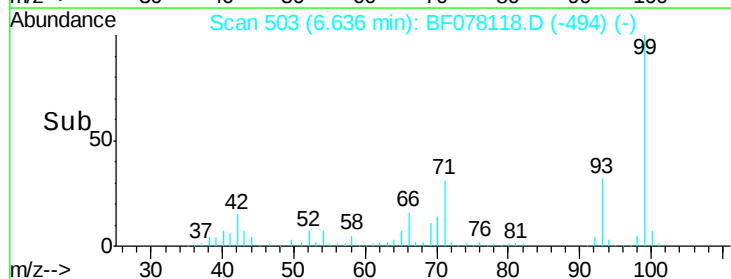
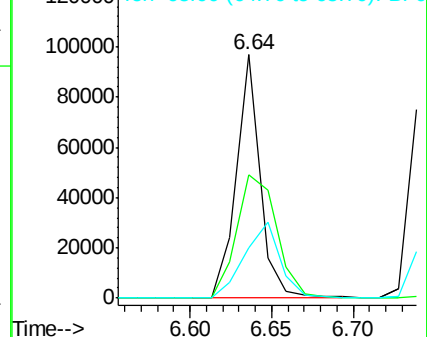
Lab File: BF078118.D

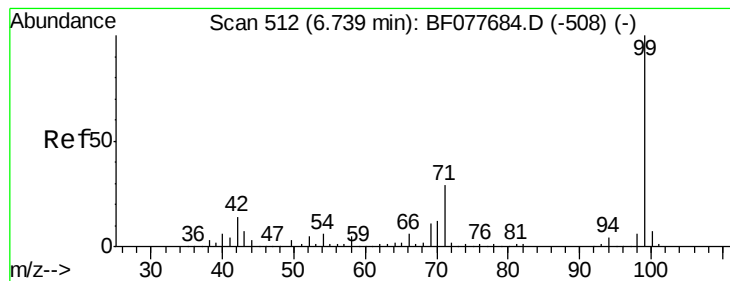
Acq: 31 Mar 2015 17:10

Tgt Ion:	93	Resp:	97720
Ion	Ratio	Lower	Upper
93	100		
66	50.8	30.8	46.2#
65	20.6	16.0	24.0



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 88.95 ng

RT: 6.64 min Scan# 503

Delta R.T. 0.00 min

Lab File: BF078118.D

Acq: 31 Mar 2015 17:10

Instrument :

BNA_F

ClientSampleId :

S-11(0-10)MS

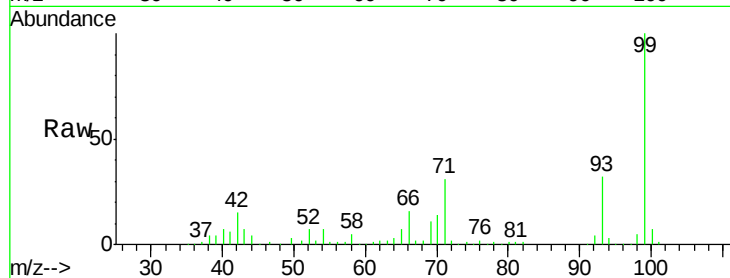
Tgt Ion: 99 Resp: 279242

Ion Ratio Lower Upper

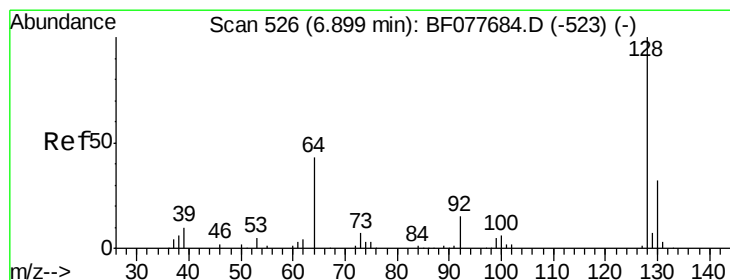
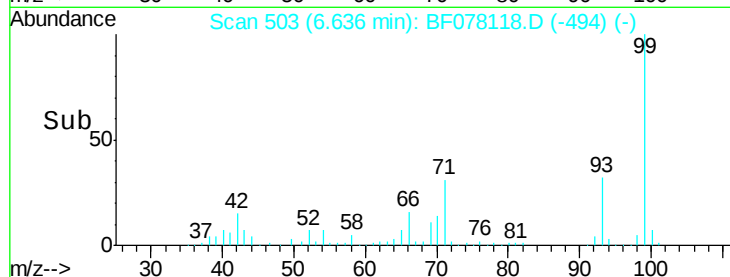
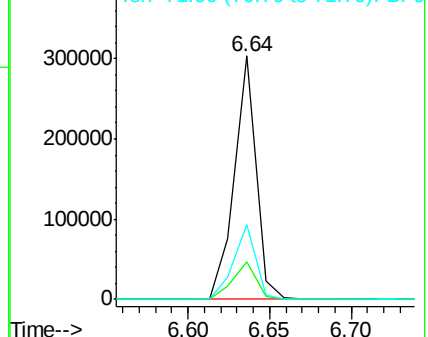
99 100

42 15.5 11.0 16.4

71 30.8 23.4 35.2



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: 28.33 ng

RT: 6.78 min Scan# 516

Delta R.T. 0.00 min

Lab File: BF078118.D

Acq: 31 Mar 2015 17:10

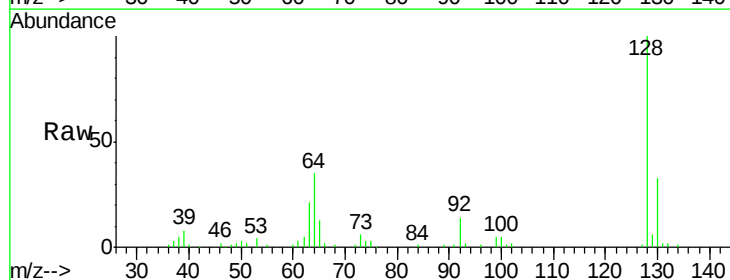
Tgt Ion: 128 Resp: 85693

Ion Ratio Lower Upper

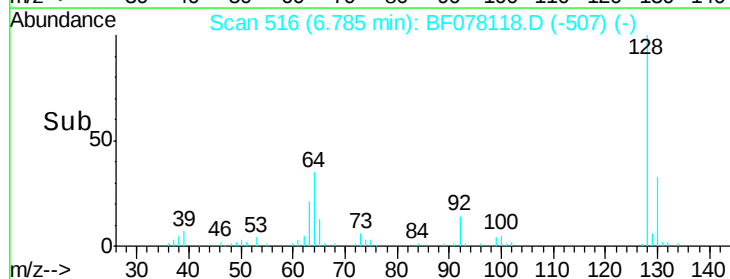
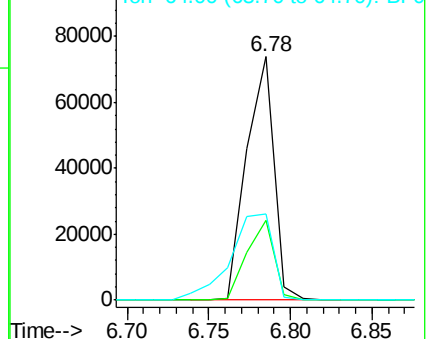
128 100

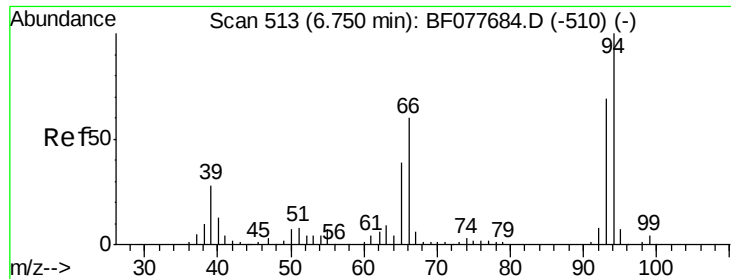
130 32.7 12.0 52.0

64 35.3 24.9 64.9



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





#10

Phenol

Concen: 29.92 ng

RT: 6.65 min Scan# 504

Delta R.T. 0.00 min

Lab File: BF078118.D

Acq: 31 Mar 2015 17:10

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S-11(0-10)MS

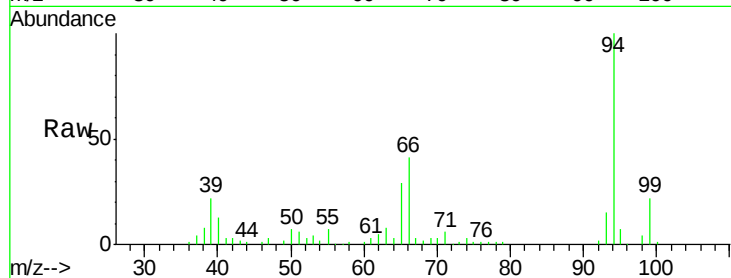
Tgt Ion: 94 Resp: 111010

Ion Ratio Lower Upper

94 100

65 28.7 18.8 58.8

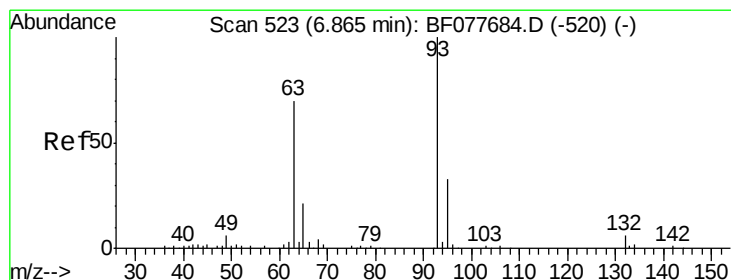
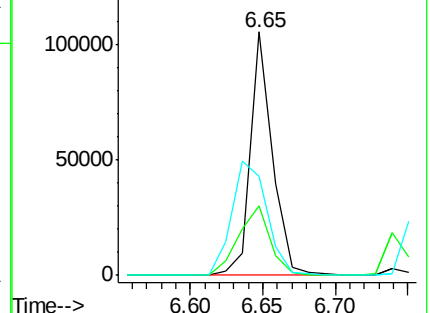
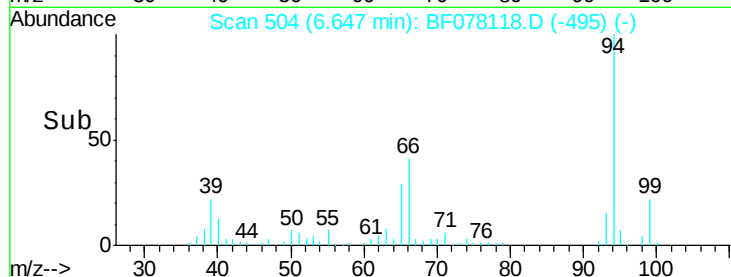
66 40.6 39.9 79.9



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: 28.24 ng

RT: 6.74 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF078118.D

Acq: 31 Mar 2015 17:10

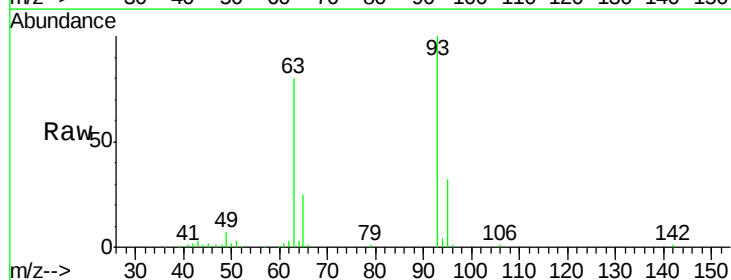
Tgt Ion: 93 Resp: 78483

Ion Ratio Lower Upper

93 100

63 80.0 49.5 89.5

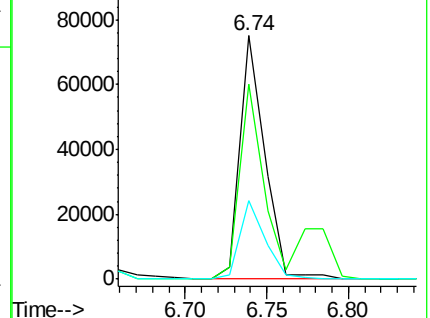
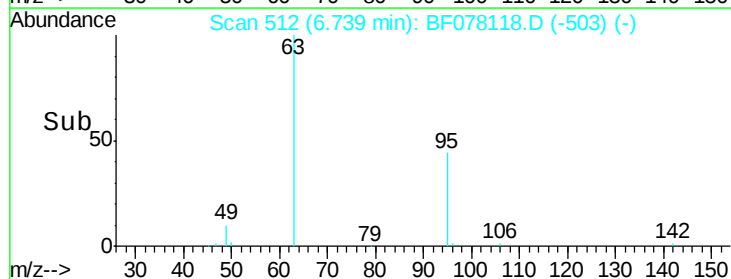
95 32.3 13.5 53.5

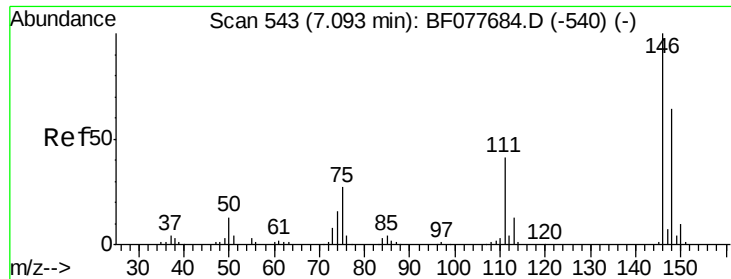


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

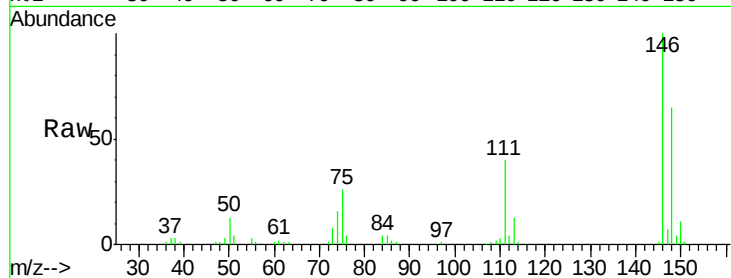




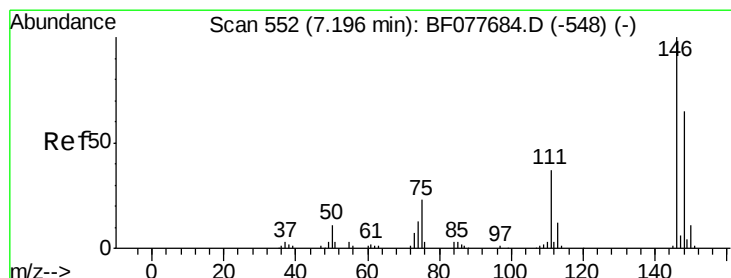
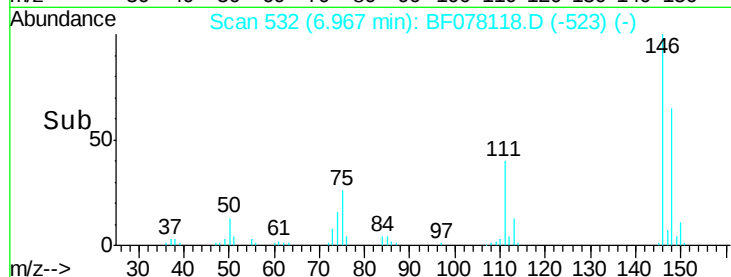
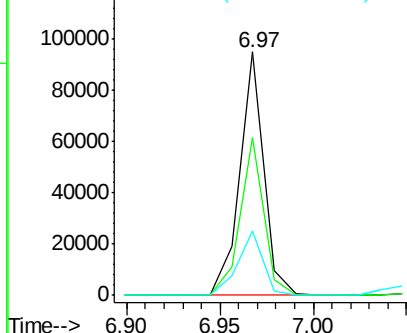
#12
 1,3-Dichlorobenzene
 Concen: 25.20 ng
 RT: 6.97 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: BF078118.D
 Acq: 31 Mar 2015 17:10

Instrument :
 BNA_F
 ClientSampleId :
 S-11(0-10)MS

Tgt Ion:146 Resp: 84766
 Ion Ratio Lower Upper
 146 100
 148 64.6 50.9 76.3
 75 26.3 21.4 32.2

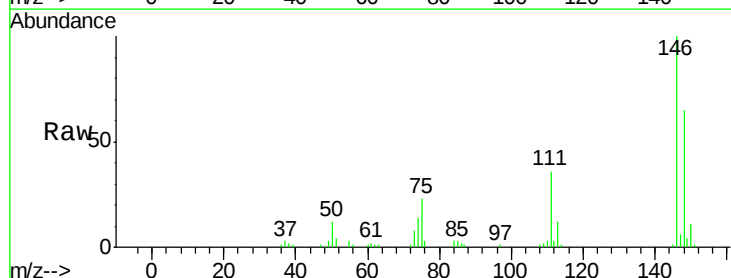


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

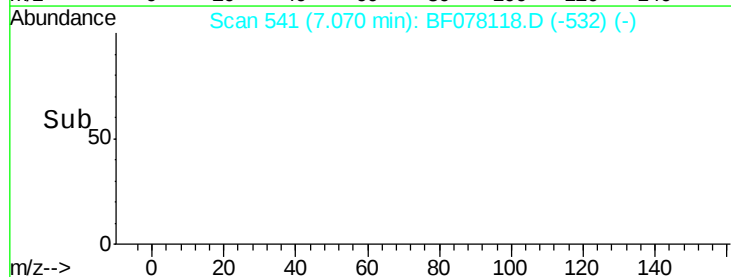
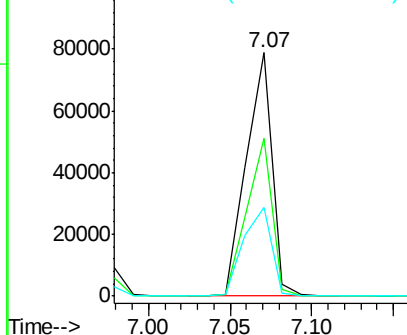


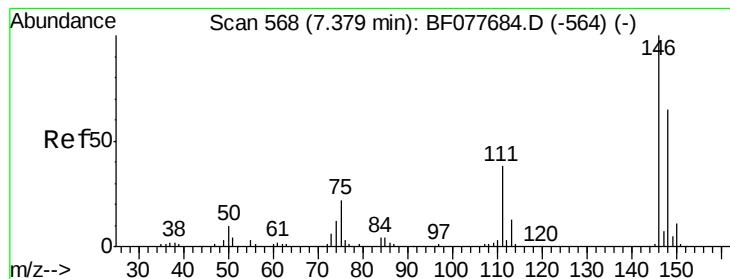
#13
 1,4-Dichlorobenzene
 Concen: 24.60 ng
 RT: 7.07 min Scan# 541
 Delta R.T. 0.00 min
 Lab File: BF078118.D
 Acq: 31 Mar 2015 17:10

Tgt Ion:146 Resp: 85976
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.9 77.9
 111 36.3 29.2 43.8



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: 25.45 ng

RT: 7.25 min Scan# 557

Delta R.T. 0.00 min

Lab File: BF078118.D

Acq: 31 Mar 2015 17:10

Instrument :

BNA_F

ClientSampleId :

S-11(0-10)MS

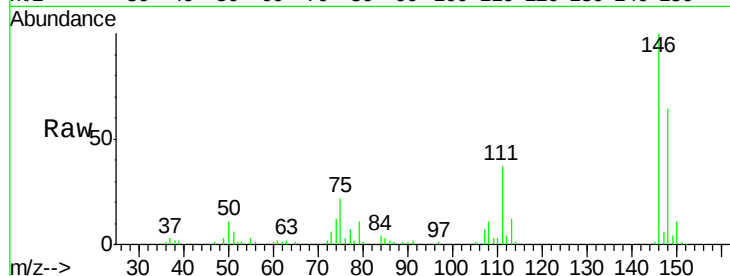
Tgt Ion:146 Resp: 81542

Ion Ratio Lower Upper

146 100

148 64.2 52.3 78.5

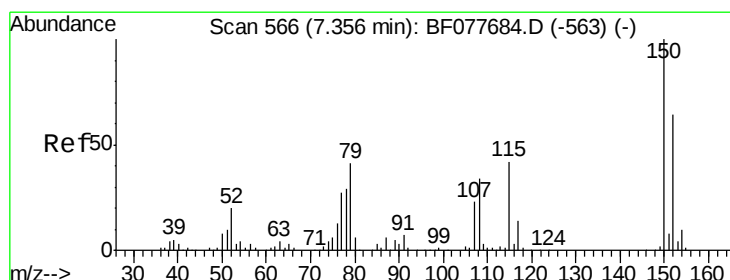
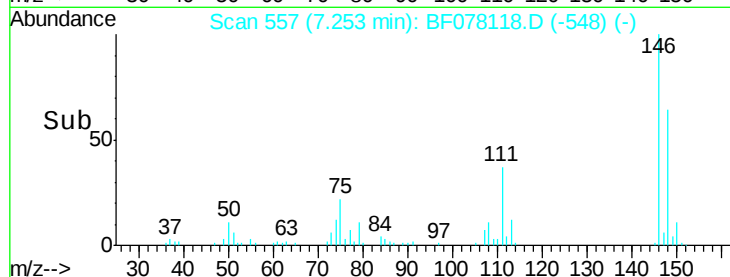
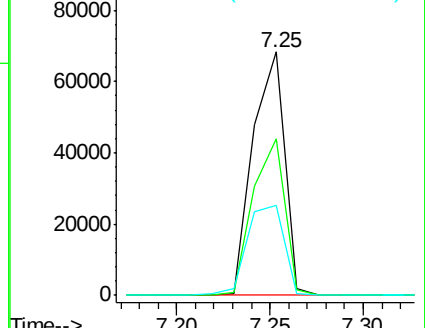
111 36.8 30.6 45.8



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: 28.59 ng

RT: 7.24 min Scan# 556

Delta R.T. 0.00 min

Lab File: BF078118.D

Acq: 31 Mar 2015 17:10

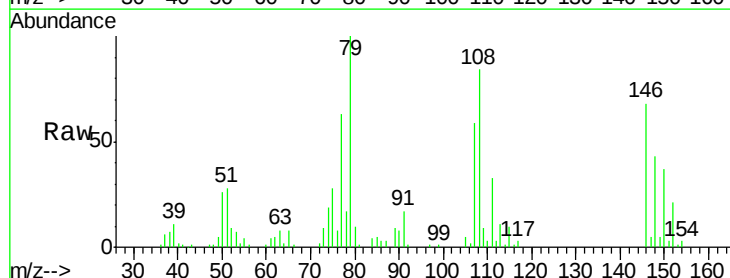
Tgt Ion: 79 Resp: 70060

Ion Ratio Lower Upper

79 100

108 84.3 65.0 97.4

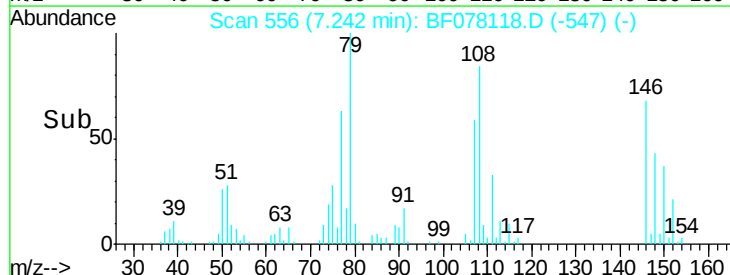
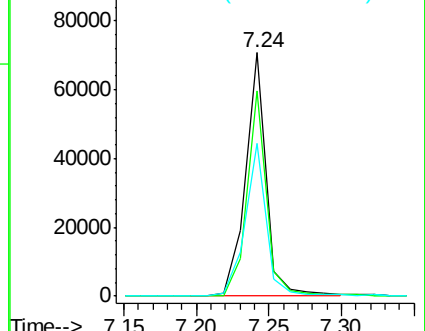
77 62.8 53.0 79.6

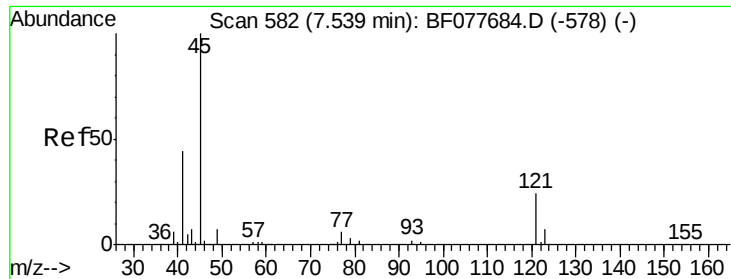


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

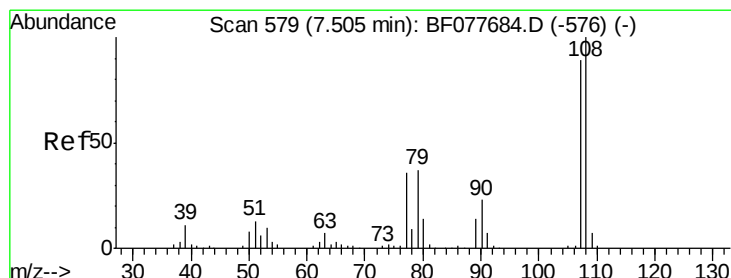
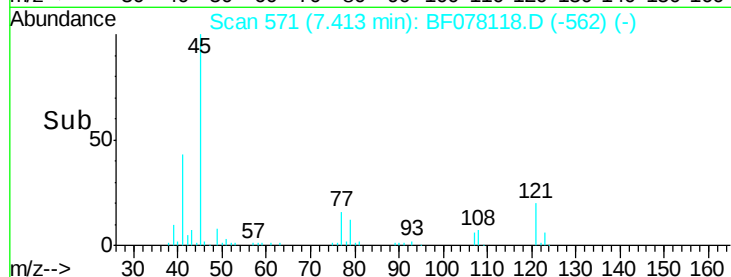
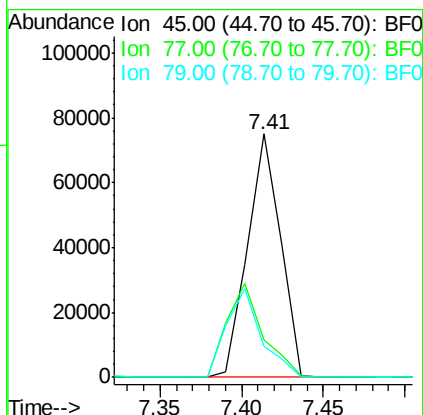
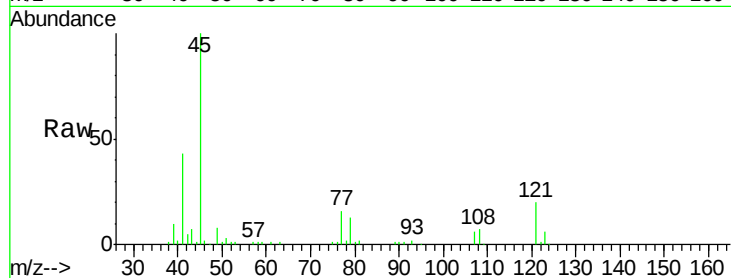




#16
2,2'-oxybis(1-Chloropropane)
Concen: 28.03 ng
RT: 7.41 min Scan# 571
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

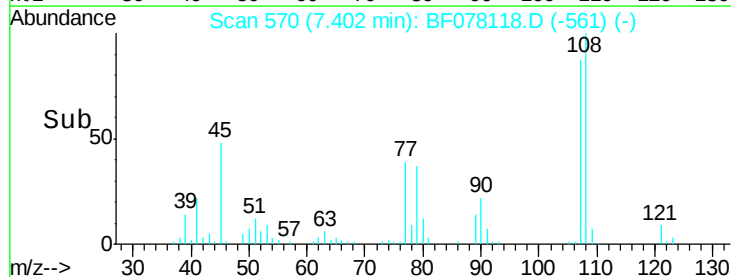
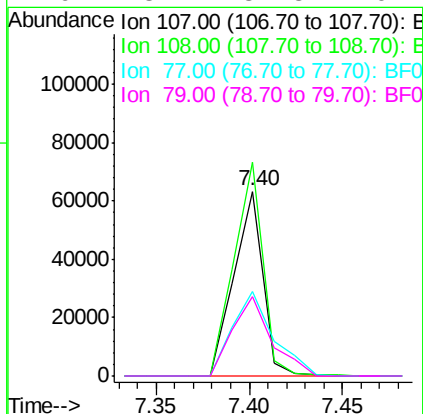
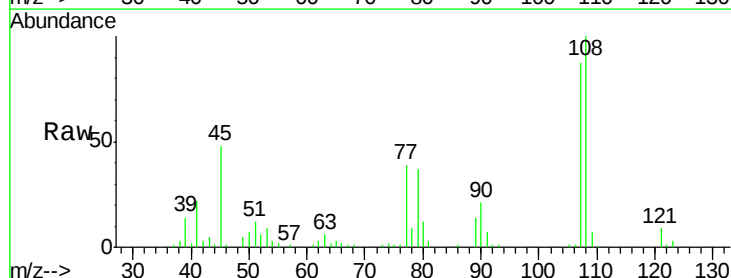
Instrument :
BNA_F
ClientSampleId :
S-11(0-10)MS

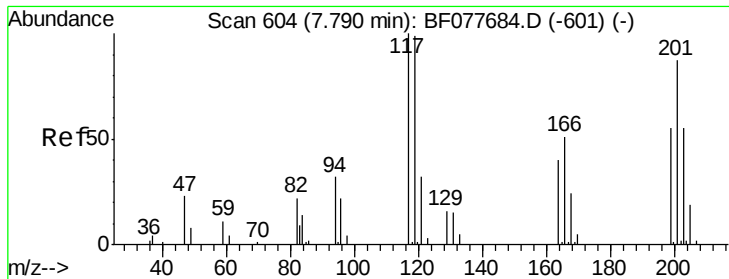
Tgt Ion: 45 Resp: 104979
Ion Ratio Lower Upper
45 100
77 15.7 0.0 35.2
79 13.0 0.0 32.0



#17
2-Methylphenol
Concen: 27.93 ng
RT: 7.40 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Tgt Ion: 107 Resp: 68756
Ion Ratio Lower Upper
107 100
108 115.5 89.8 134.8
77 45.4 32.6 48.8
79 43.2 32.8 49.2

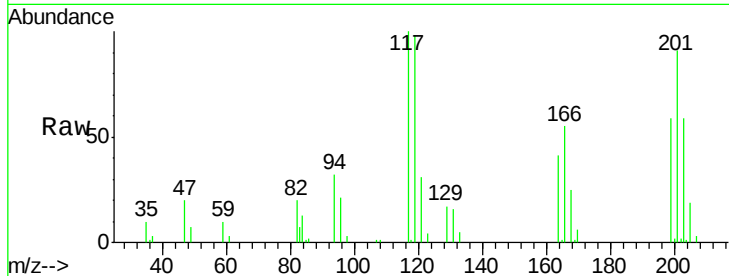




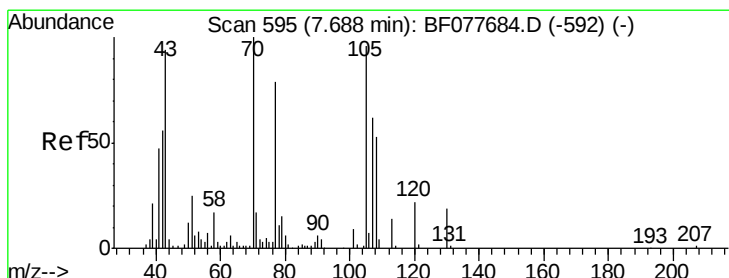
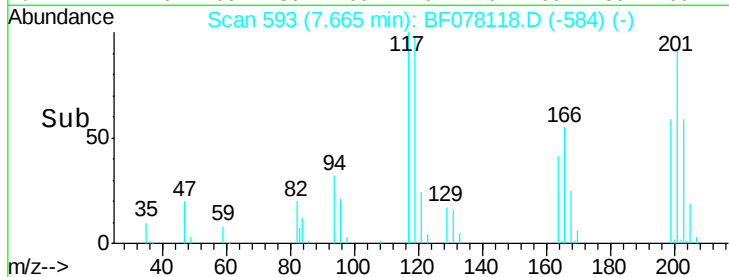
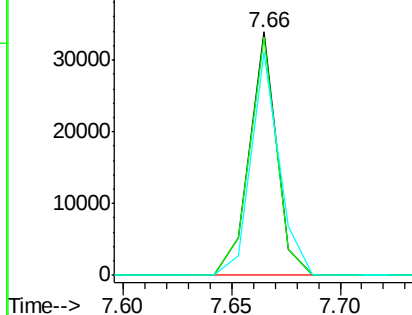
#18
Hexachloroethane
Concen: 25.56 ng
RT: 7.66 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Instrument :
BNA_F
ClientSampleId :
S-11(0-10)MS

Tgt Ion: 117 Resp: 29302
Ion Ratio Lower Upper
117 100
119 98.1 79.2 118.8
201 91.5 69.8 104.6

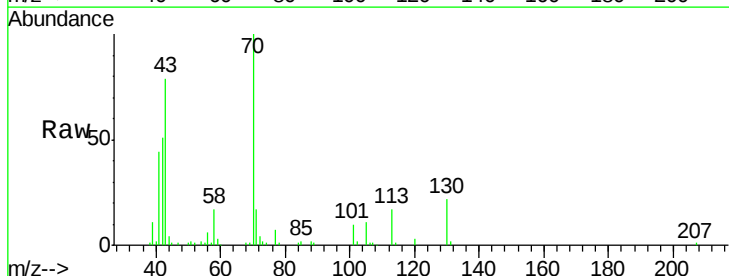


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

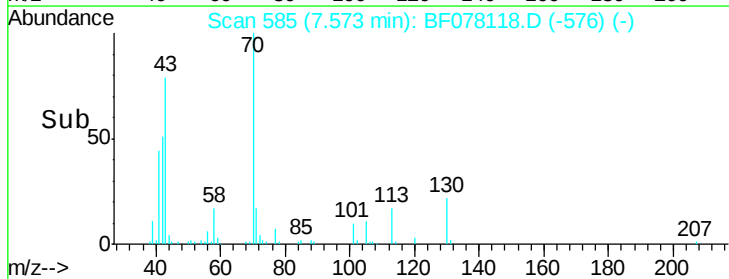
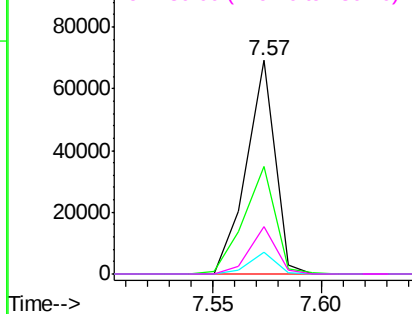


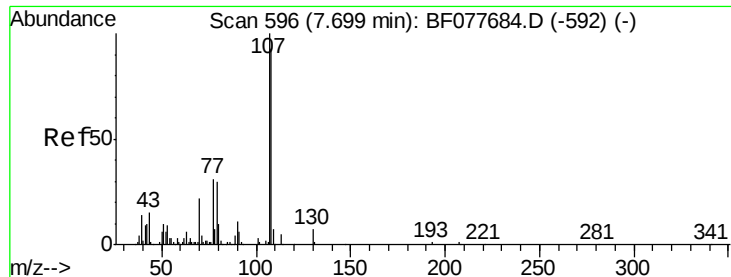
#19
n-Nitroso-di-n-propylamine
Concen: 29.21 ng
RT: 7.57 min Scan# 585
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Tgt Ion: 70 Resp: 63424
Ion Ratio Lower Upper
70 100
42 50.5 44.5 66.7
101 10.1 7.4 11.2
130 22.0 15.3 22.9



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 29.99 ng

RT: 7.60 min Scan# 587

Delta R.T. 0.00 min

Lab File: BF078118.D

Acq: 31 Mar 2015 17:10

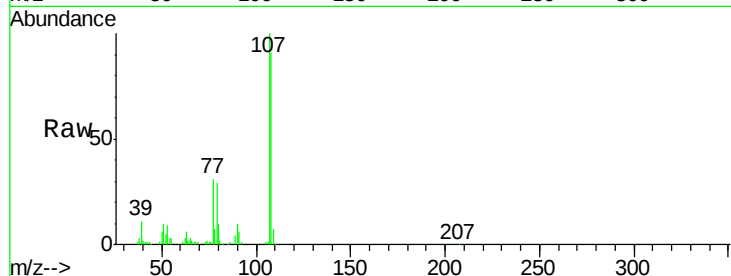
Instrument :

BNA_F

ClientSampleId :

S-11(0-10)MS

Tgt Ion:	107	Resp:	96875
Ion	Ratio	Lower	Upper
107	100		
108	90.6	73.2	113.2
77	30.9	10.7	50.7
79	29.2	9.6	49.6

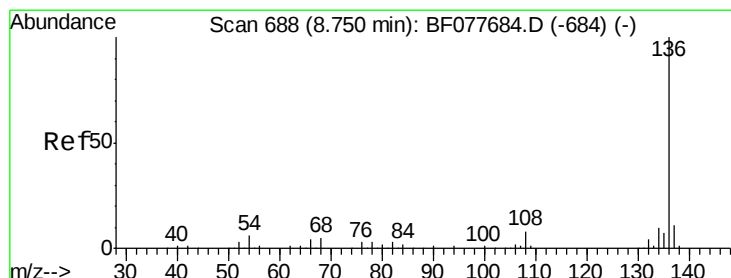
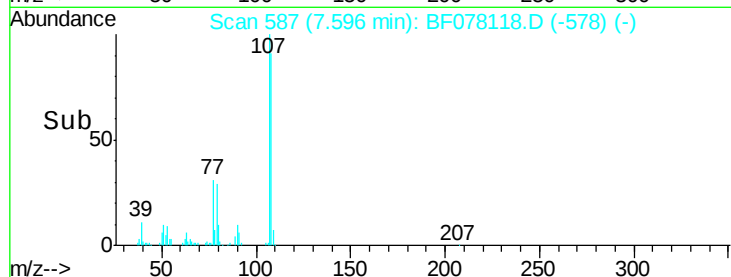
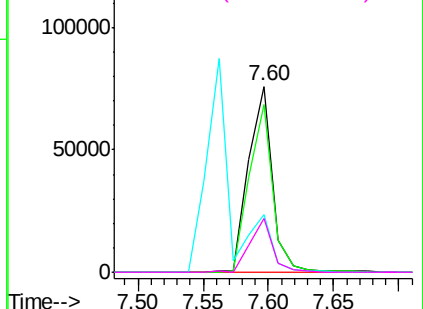


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

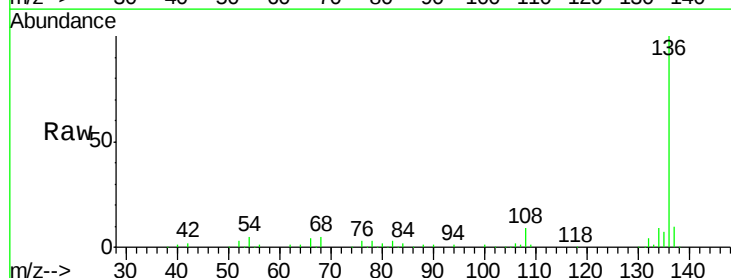
RT: 8.62 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF078118.D

Acq: 31 Mar 2015 17:10

Tgt Ion:	136	Resp:	185513
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.7	13.1
54	5.4	4.6	6.8
68	5.1	3.7	5.5

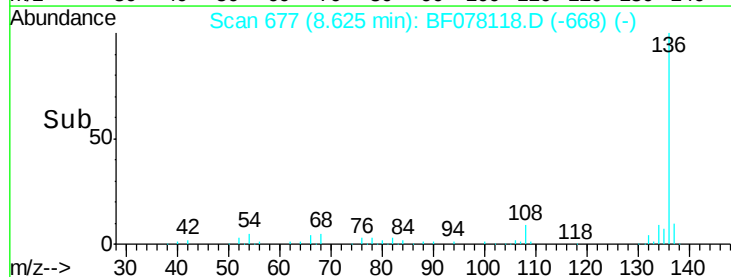
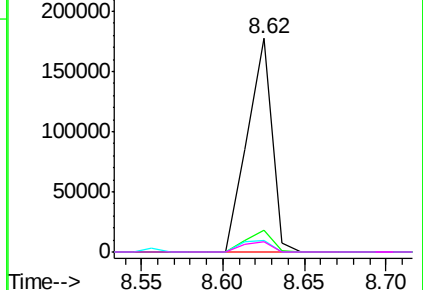


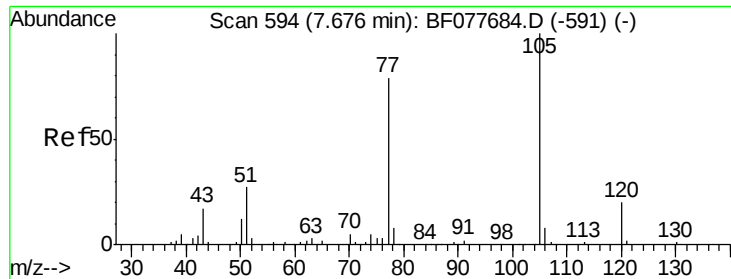
Abundance Ion 136.00 (135.70 to 136.70): E

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

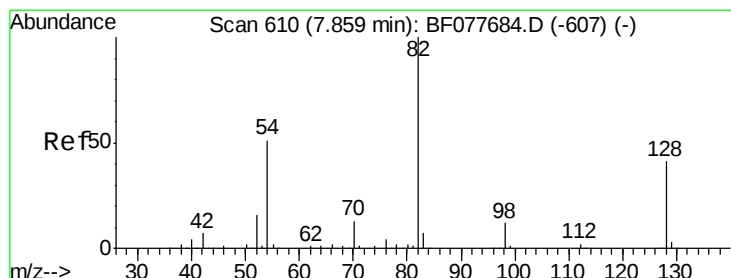
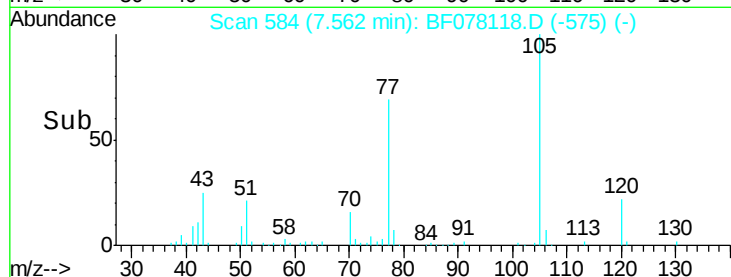
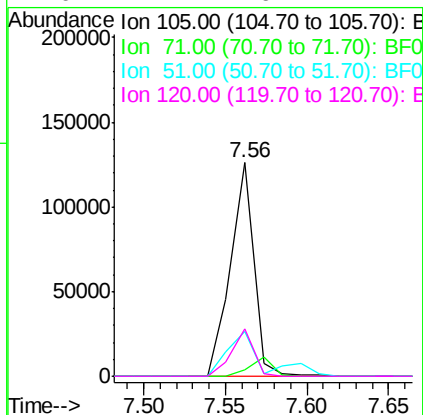
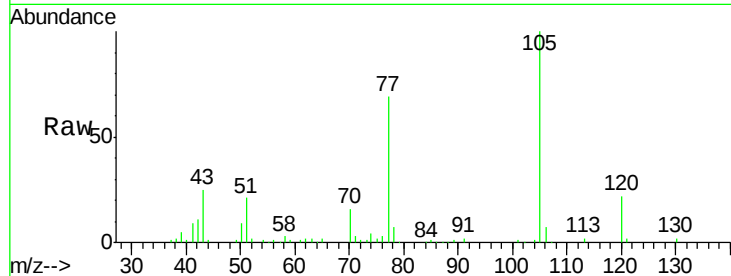




#22
Acetophenone
Concen: 30.42 ng
RT: 7.56 min Scan# 584
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

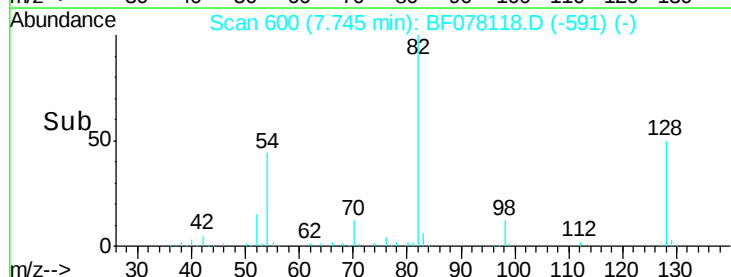
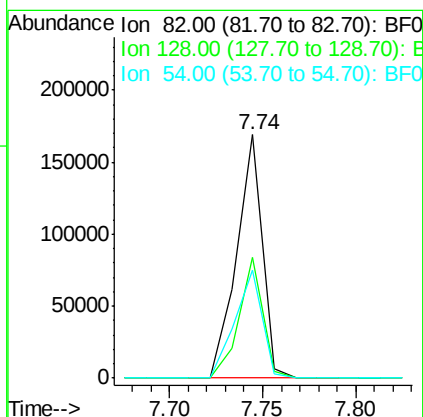
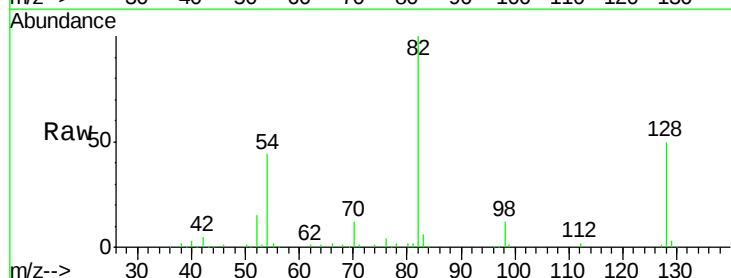
Instrument :
BNA_F
ClientSampleId :
S-11(0-10)MS

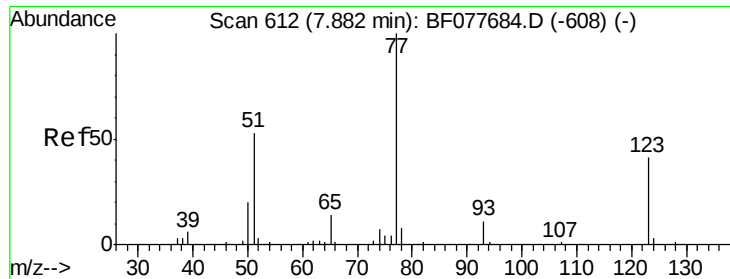
Tgt Ion:	105	Resp:	124949
Ion Ratio	Lower	Upper	
105	100		
71	2.7	0.6	1.0#
51	21.2	21.6	32.4#
120	22.1	16.1	24.1



#23
Nitrobenzene-d5
Concen: 57.73 ng
RT: 7.74 min Scan# 600
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Tgt Ion:	82	Resp:	163374
Ion Ratio	Lower	Upper	
82	100		
128	49.7	32.8	49.2#
54	44.4	40.6	60.8





#24

Nitrobenzene

Concen: 28.92 ng

RT: 7.77 min Scan# 602

Delta R.T. 0.00 min

Lab File: BF078118.D

Acq: 31 Mar 2015 17:10

Instrument :

BNA_F

ClientSampleId :

S-11(0-10)MS

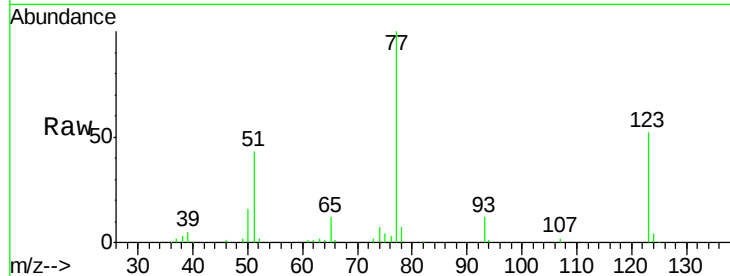
Tgt Ion: 77 Resp: 88172

Ion Ratio Lower Upper

77 100

123 51.7 32.6 49.0#

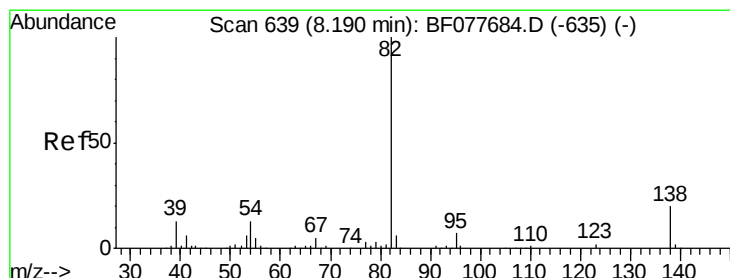
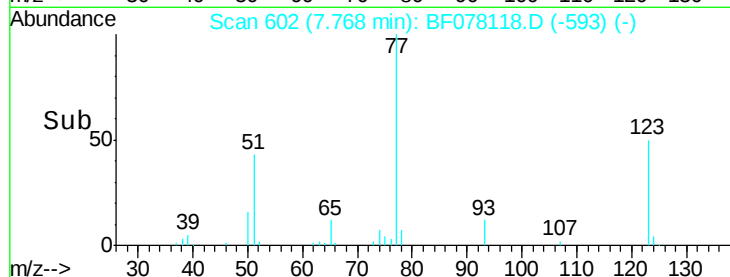
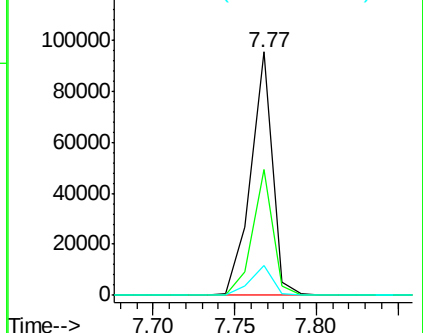
65 12.2 10.9 16.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 29.23 ng

RT: 8.06 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF078118.D

Acq: 31 Mar 2015 17:10

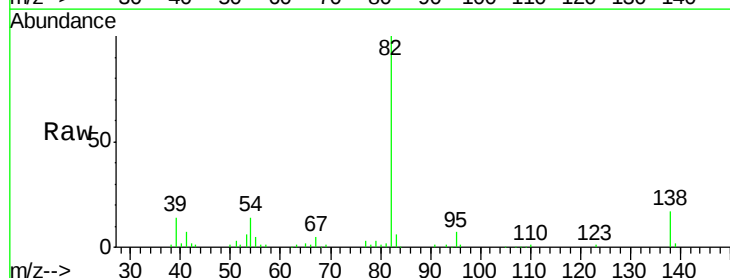
Tgt Ion: 82 Resp: 167072

Ion Ratio Lower Upper

82 100

95 6.6 5.8 8.6

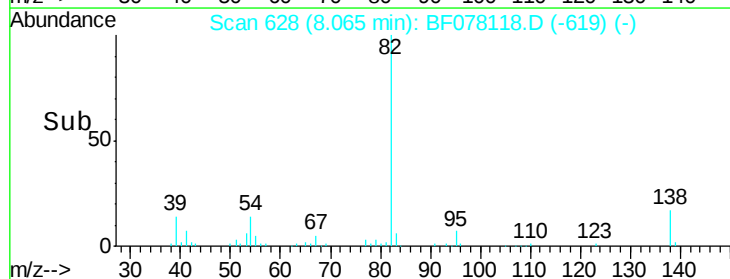
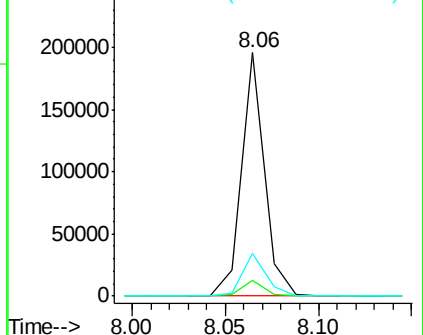
138 17.4 16.3 24.5

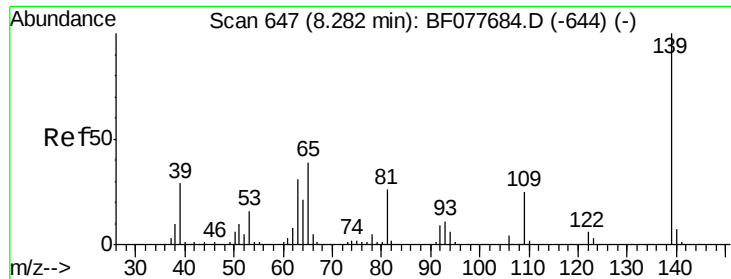


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

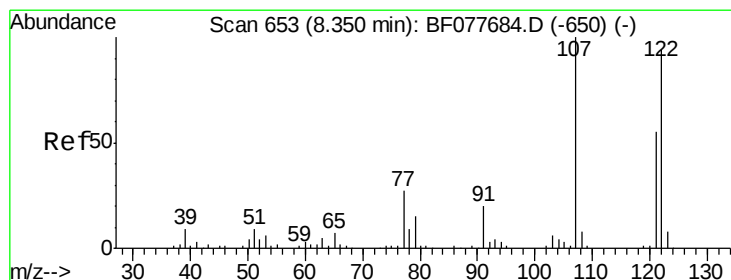
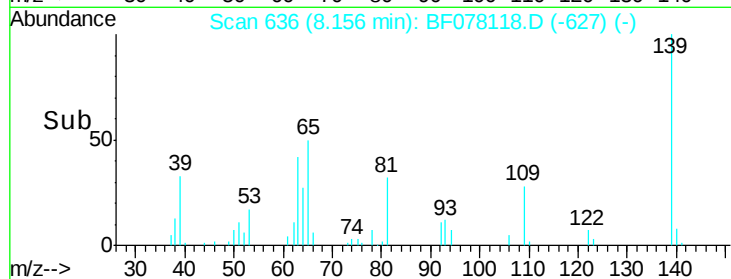
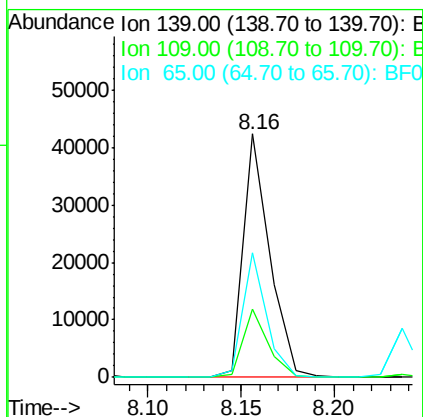
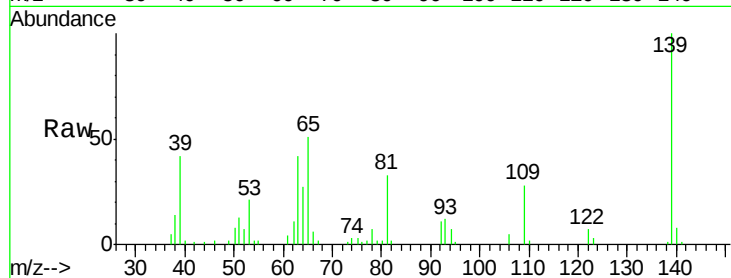




#26
2-Nitrophenol
Concen: 28.15 ng
RT: 8.16 min Scan# 636
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

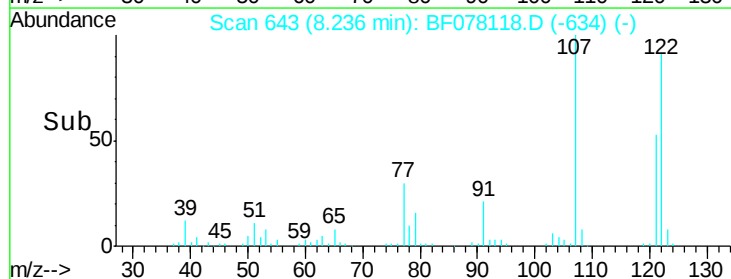
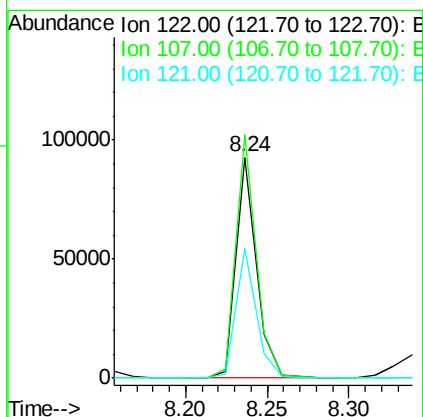
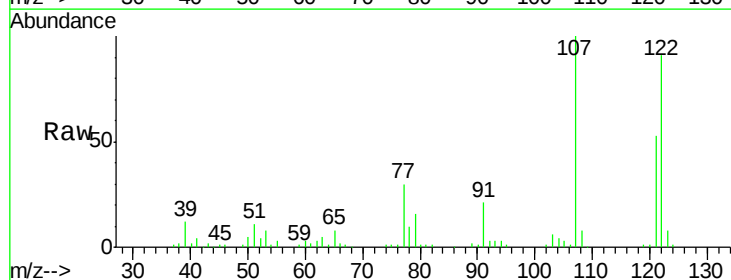
Instrument :
BNA_F
ClientSampleId :
S-11(0-10)MS

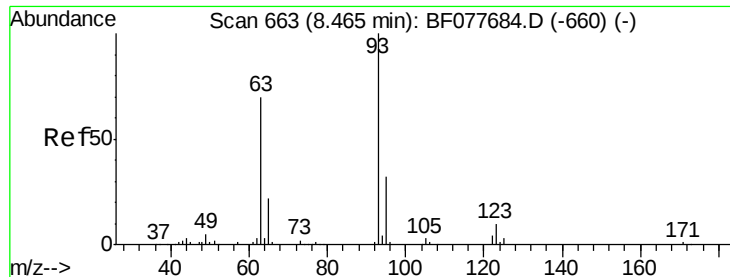
Tgt Ion:139 Resp: 42018
Ion Ratio Lower Upper
139 100
109 28.0 20.1 30.1
65 51.0 31.5 47.3#



#27
2,4-Dimethylphenol
Concen: 29.34 ng
RT: 8.24 min Scan# 643
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Tgt Ion:122 Resp: 79790
Ion Ratio Lower Upper
122 100
107 110.3 84.7 127.1
121 58.6 46.6 69.8

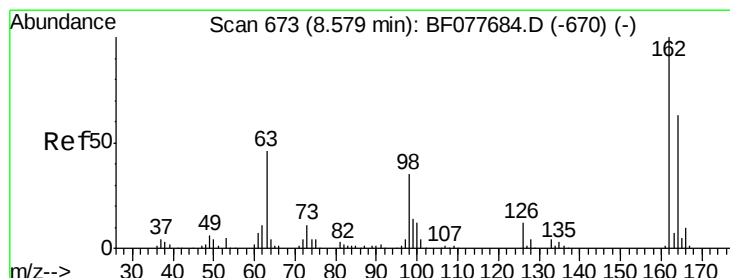
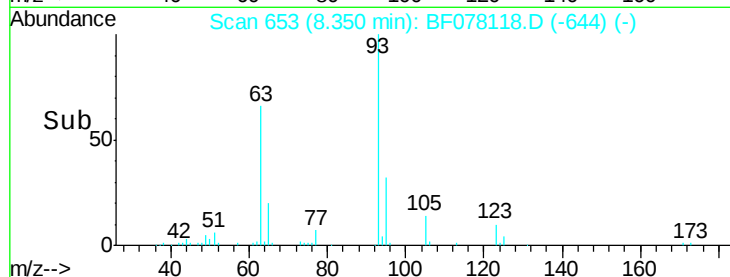
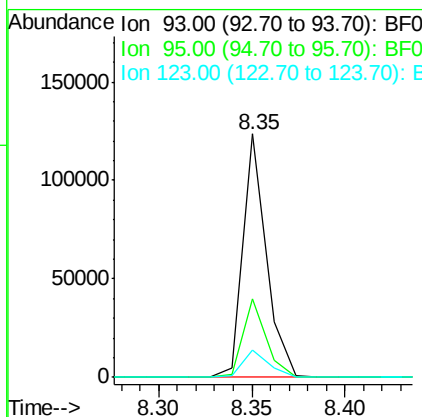
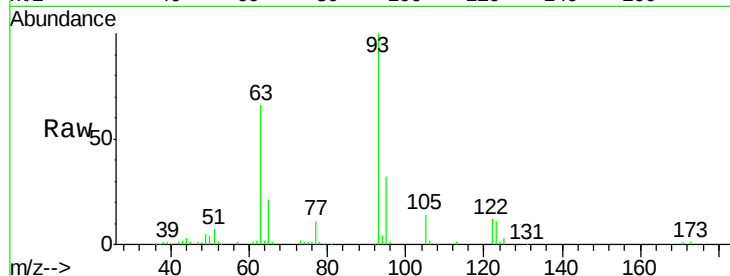




#28
 bis(2-Chloroethoxy)methane
 Concen: 31.12 ng
 RT: 8.35 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BF078118.D
 Acq: 31 Mar 2015 17:10

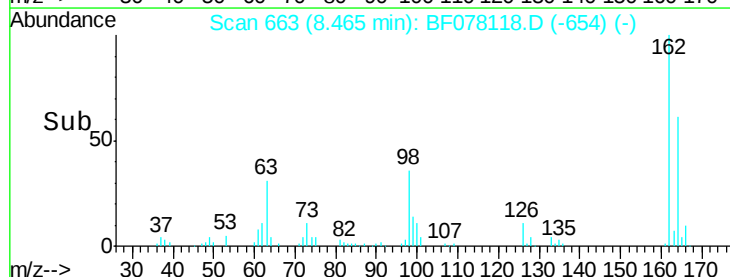
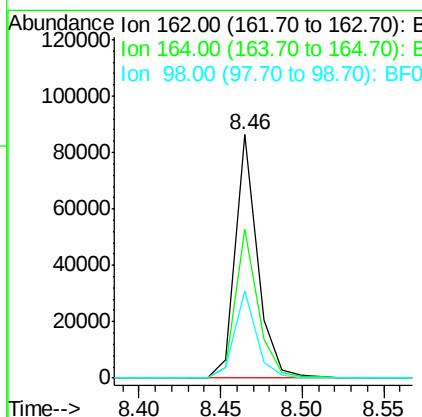
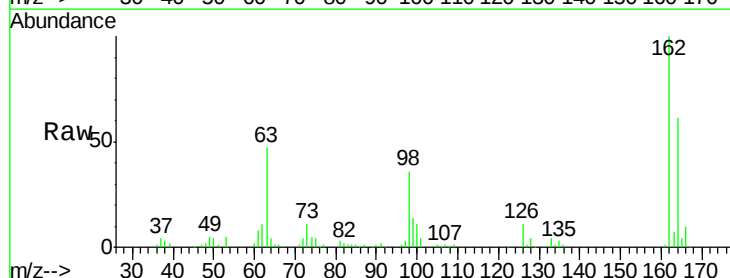
Instrument :
 BNA_F
 ClientSampleId :
 S-11(0-10)MS

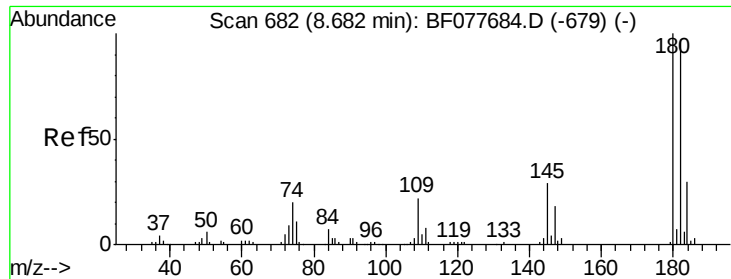
Tgt Ion: 93 Resp: 107972
 Ion Ratio Lower Upper
 93 100
 95 32.0 25.5 38.3
 123 11.0 8.6 13.0



#29
 2,4-Dichlorophenol
 Concen: 31.27 ng
 RT: 8.46 min Scan# 663
 Delta R.T. 0.00 min
 Lab File: BF078118.D
 Acq: 31 Mar 2015 17:10

Tgt Ion: 162 Resp: 81049
 Ion Ratio Lower Upper
 162 100
 164 61.1 42.8 82.8
 98 35.9 14.5 54.5

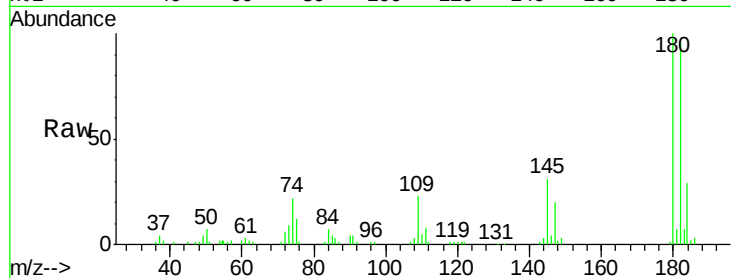




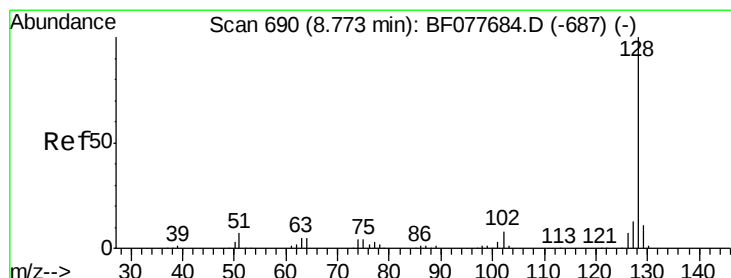
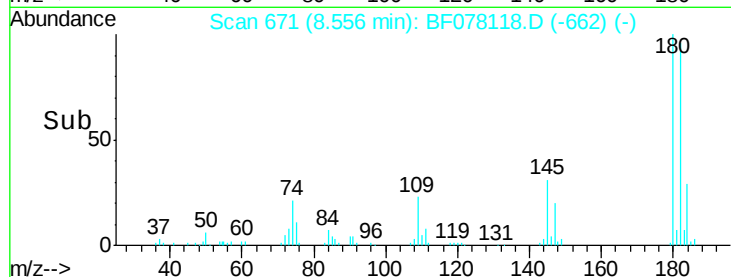
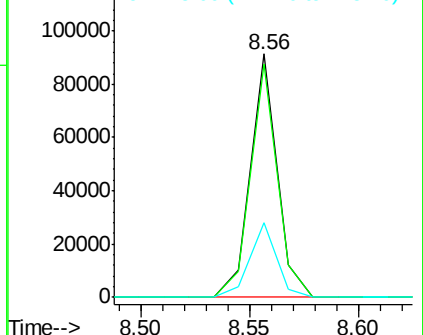
#30
 1,2,4-Trichlorobenzene
 Concen: 26.92 ng
 RT: 8.56 min Scan# 671
 Delta R.T. 0.00 min
 Lab File: BF078118.D
 Acq: 31 Mar 2015 17:10

Instrument :
 BNA_F
 ClientSampleId :
 S-11(0-10)MS

Tgt Ion:180 Resp: 78076
 Ion Ratio Lower Upper
 180 100
 182 96.1 77.6 116.4
 145 30.5 23.4 35.2

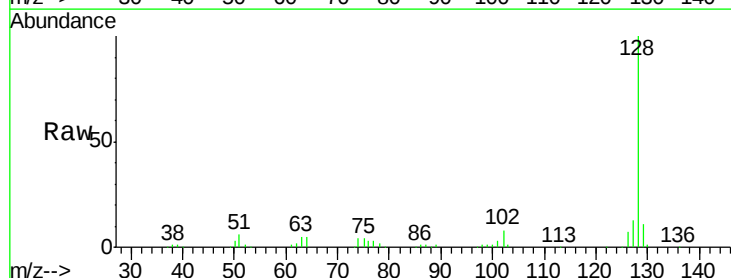


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

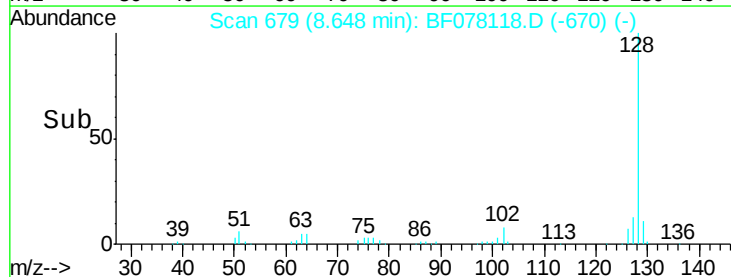
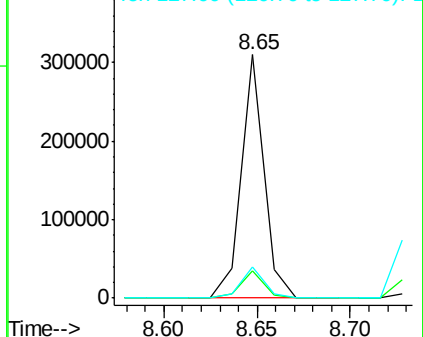


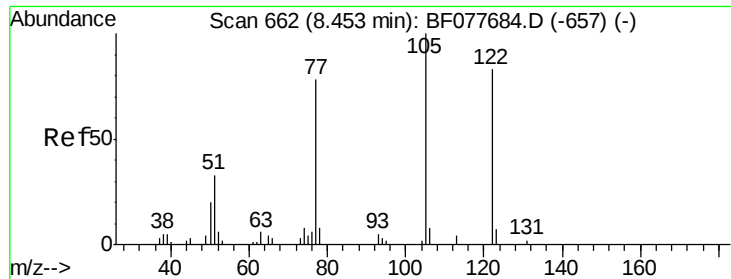
#31
 Naphthalene
 Concen: 27.68 ng
 RT: 8.65 min Scan# 679
 Delta R.T. 0.00 min
 Lab File: BF078118.D
 Acq: 31 Mar 2015 17:10

Tgt Ion:128 Resp: 263761
 Ion Ratio Lower Upper
 128 100
 129 11.0 8.9 13.3
 127 13.0 10.4 15.6



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: 22.62 ng

RT: 8.35 min Scan# 653

Delta R.T. -0.01 min

Lab File: BF078118.D

Acq: 31 Mar 2015 17:10

Instrument :

BNA_F

ClientSampleId :

S-11(0-10)MS

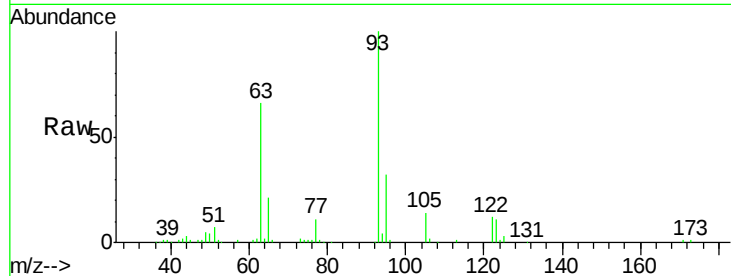
Tgt Ion:122 Resp: 31657

Ion Ratio Lower Upper

122 100

105 117.1 99.9 139.9

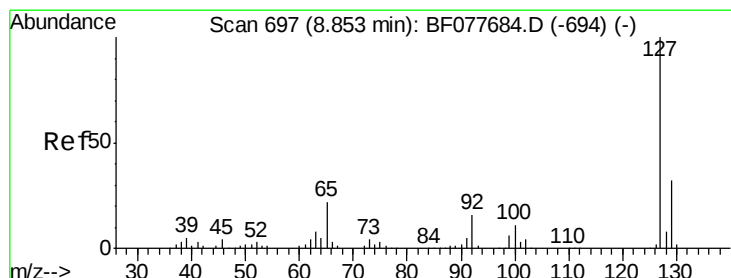
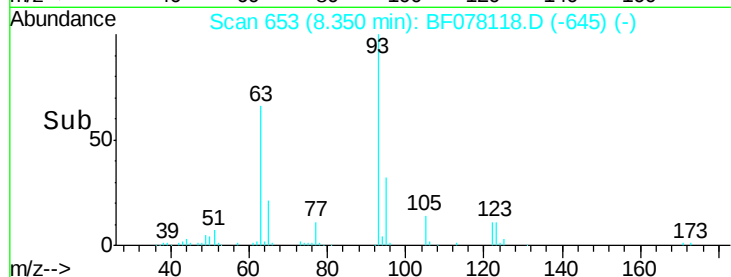
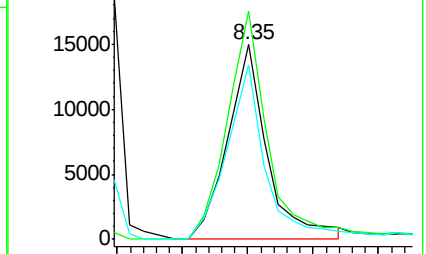
77 89.5 73.7 113.7



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: 24.96 ng

RT: 8.73 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF078118.D

Acq: 31 Mar 2015 17:10

Tgt Ion:127 Resp: 96498

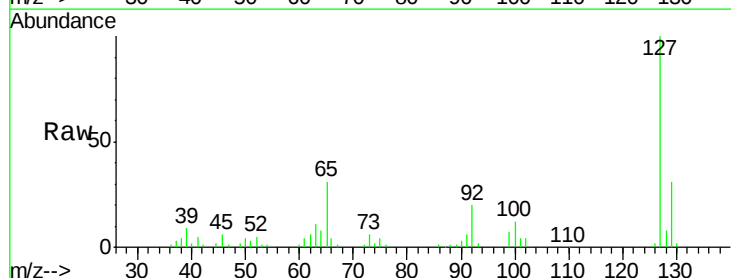
Ion Ratio Lower Upper

127 100

129 30.9 25.3 37.9

65 30.7 17.6 26.4#

92 20.1 13.1 19.7#

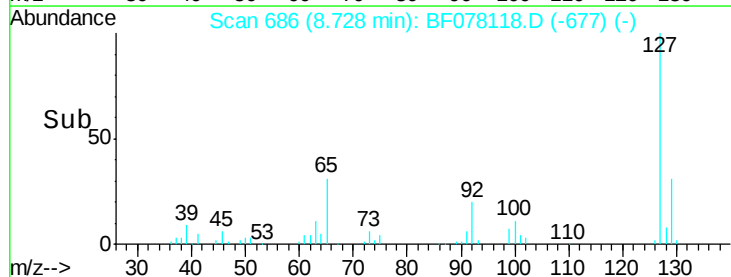
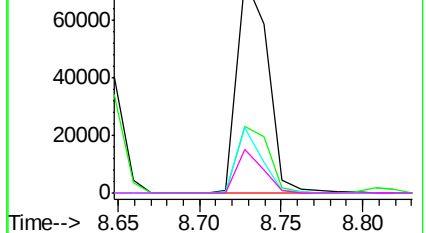


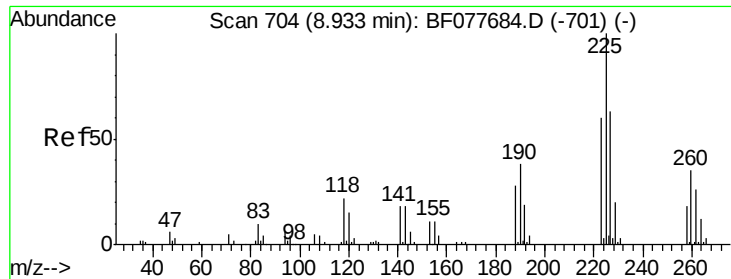
Abundance Ion 127.00 (126.70 to 127.70): E

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

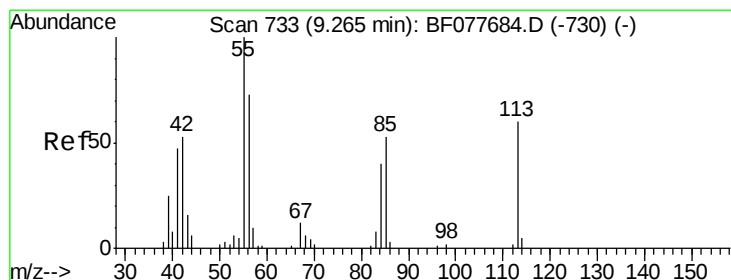
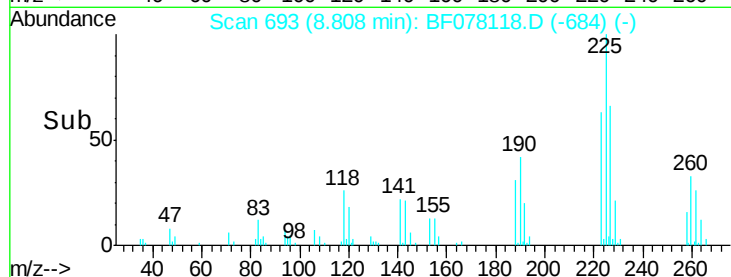
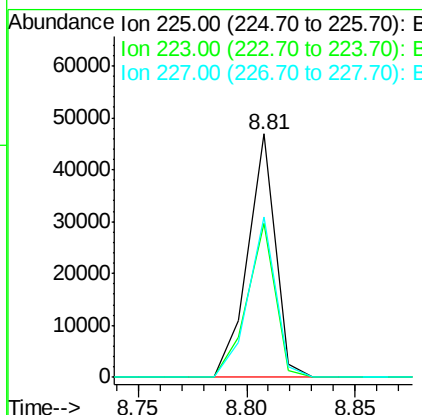
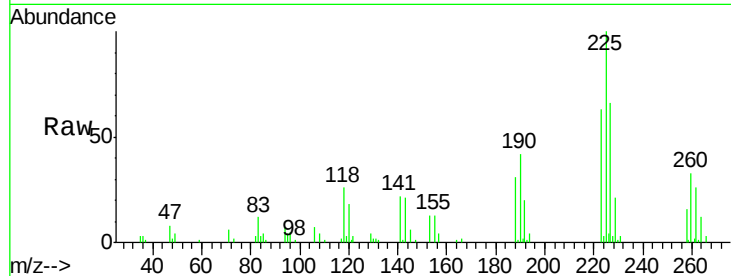




#34
Hexachlorobutadiene
Concen: 25.18 ng
RT: 8.81 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

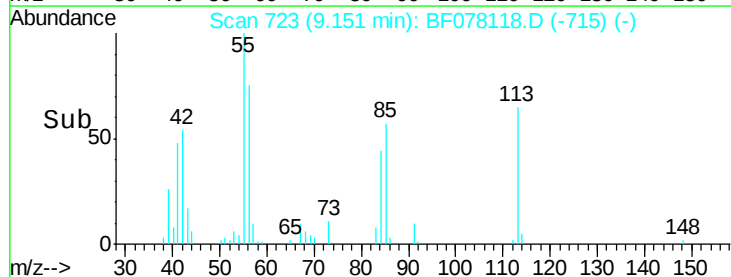
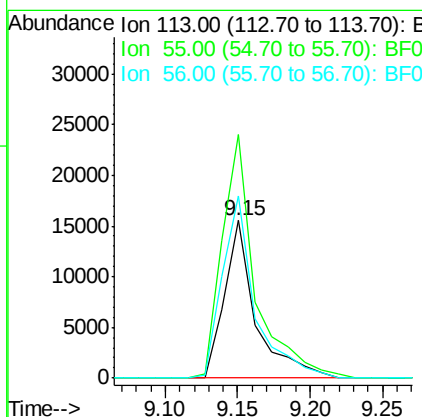
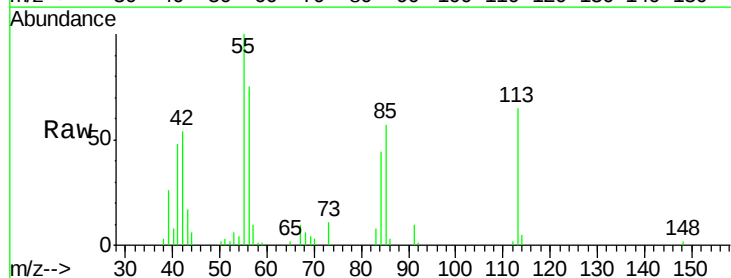
Instrument :
BNA_F
ClientSampleId :
S-11(0-10)MS

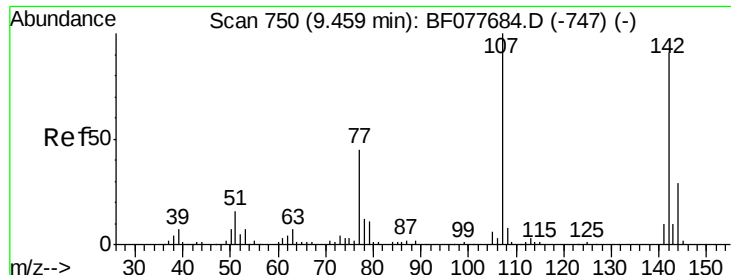
Tgt Ion: 225 Resp: 41383
Ion Ratio Lower Upper
225 100
223 63.2 47.9 71.9
227 65.8 50.1 75.1



#35
Caprolactam
Concen: 30.68 ng
RT: 9.15 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Tgt Ion: 113 Resp: 23242
Ion Ratio Lower Upper
113 100
55 154.6 145.9 185.9
56 115.8 101.0 141.0

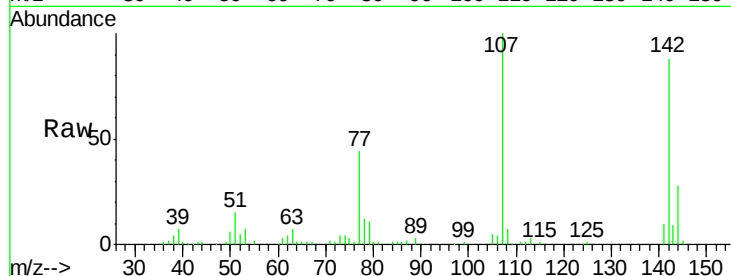




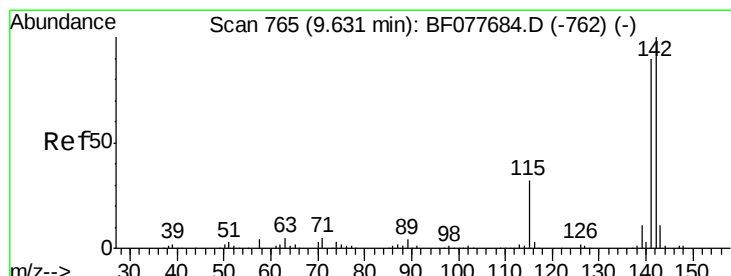
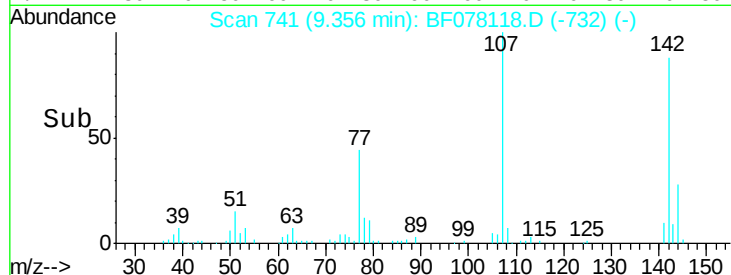
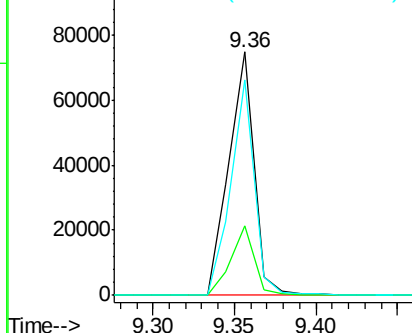
#36
 4-Chloro-3-methylphenol
 Concen: 30.65 ng
 RT: 9.36 min Scan# 741
 Delta R.T. 0.00 min
 Lab File: BF078118.D
 Acq: 31 Mar 2015 17:10

Instrument :
 BNA_F
 ClientSampleId :
 S-11(0-10)MS

Tgt Ion:107 Resp: 79931
 Ion Ratio Lower Upper
 107 100
 144 28.3 23.3 34.9
 142 88.4 72.6 109.0

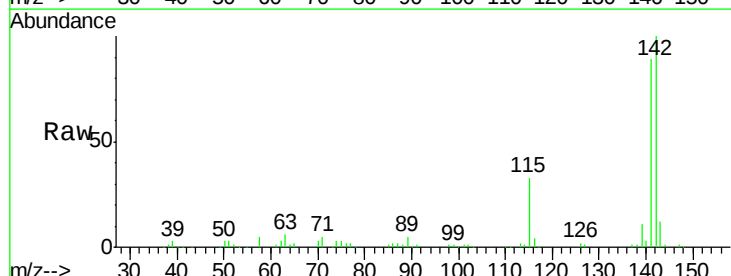


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

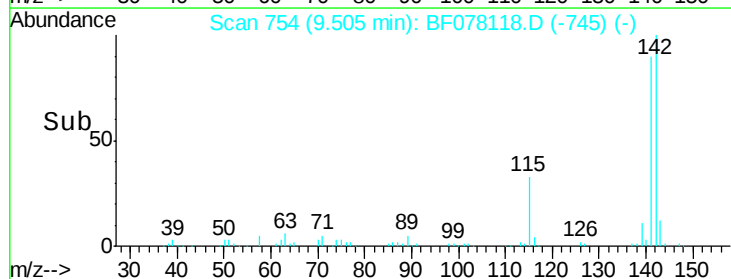
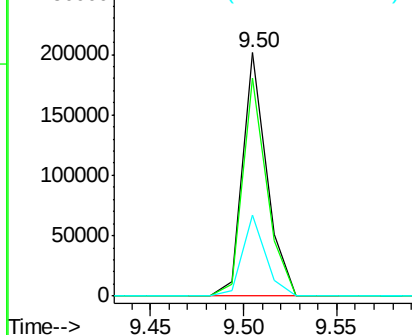


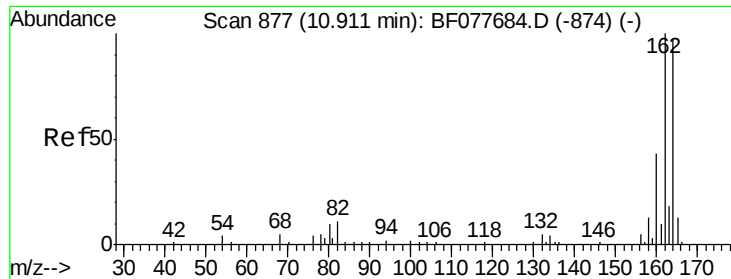
#37
 2-Methylnaphthalene
 Concen: 28.48 ng
 RT: 9.50 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: BF078118.D
 Acq: 31 Mar 2015 17:10

Tgt Ion:142 Resp: 182286
 Ion Ratio Lower Upper
 142 100
 141 89.3 71.9 107.9
 115 33.3 25.4 38.0



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

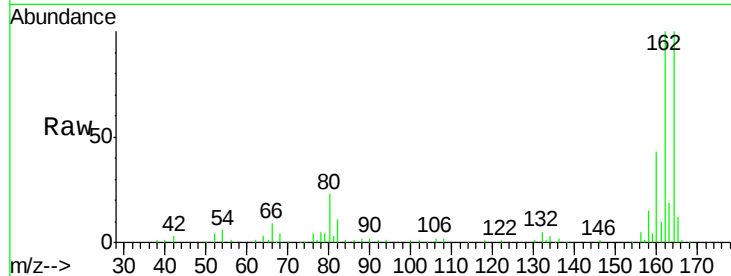




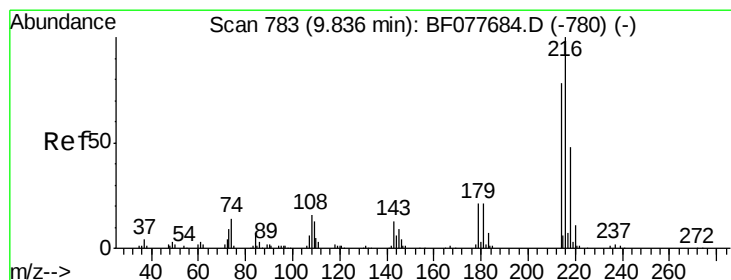
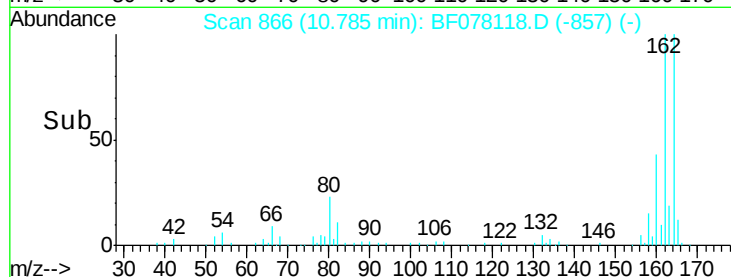
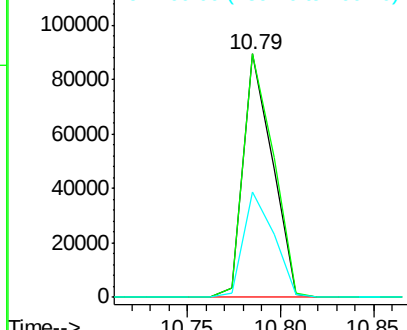
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.79 min Scan# 866
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Instrument :
BNA_F
ClientSampleId :
S-11(0-10)MS

Tgt Ion:164 Resp: 96626
Ion Ratio Lower Upper
164 100
162 99.9 82.4 123.6
160 43.4 35.8 53.6

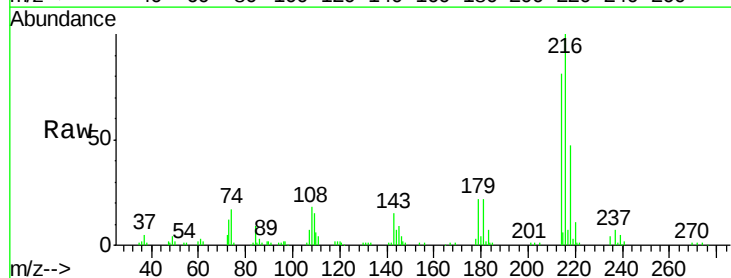


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

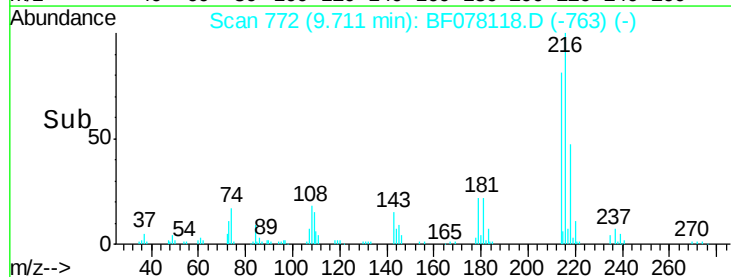
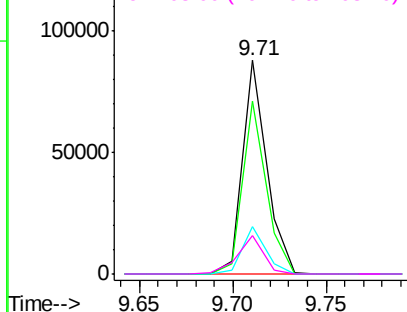


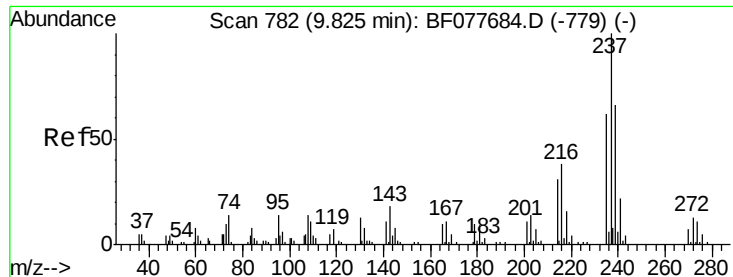
#39
1,2,4,5-Tetrachlorobenzene
Concen: 27.55 ng
RT: 9.71 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Tgt Ion:216 Resp: 79409
Ion Ratio Lower Upper
216 100
214 79.5 0.0 0.0#
179 22.0 0.0 0.0#
108 19.8 0.0 0.0#



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

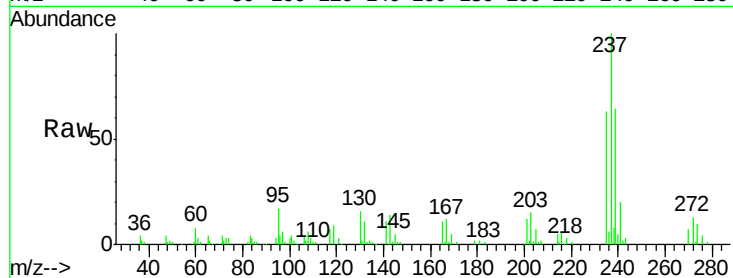




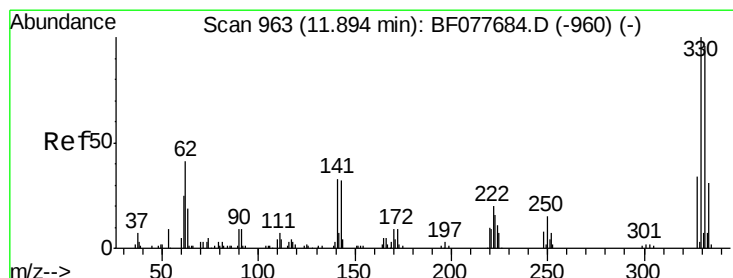
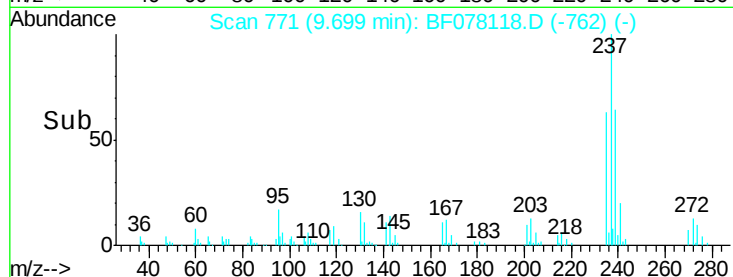
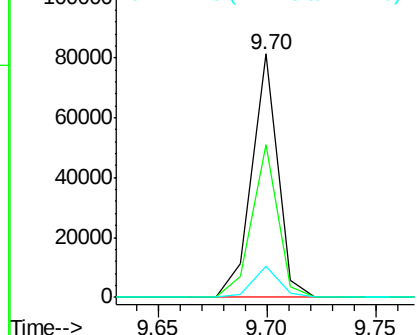
#40
Hexachlorocyclopentadiene
Concen: 48.10 ng
RT: 9.70 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Instrument :
BNA_F
ClientSampleId :
S-11(0-10)MS

Tgt Ion: 237 Resp: 67505
Ion Ratio Lower Upper
237 100
235 62.7 42.0 82.0
272 12.7 0.0 33.4

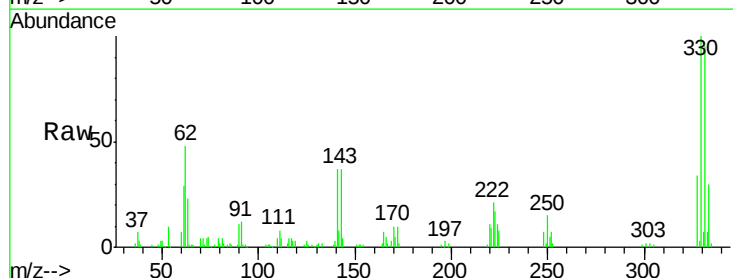


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

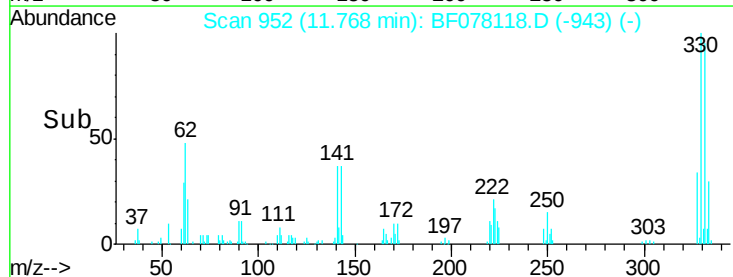
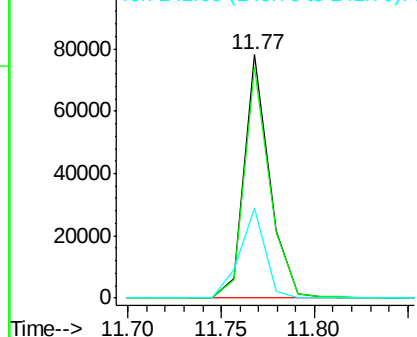


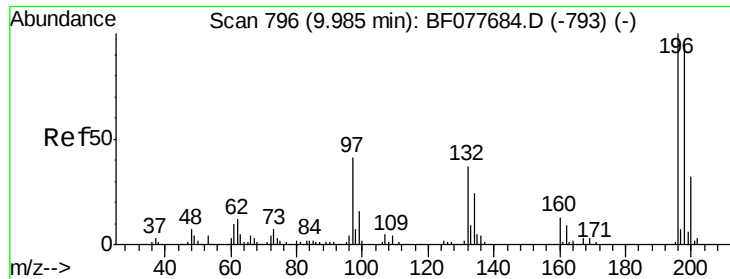
#41
2,4,6-Tribromophenol
Concen: 79.70 ng
RT: 11.77 min Scan# 952
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Tgt Ion: 330 Resp: 73684
Ion Ratio Lower Upper
330 100
332 95.9 0.0 0.0#
141 37.9 0.0 0.0#



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

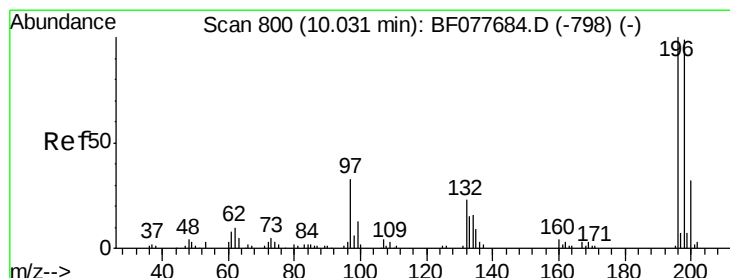
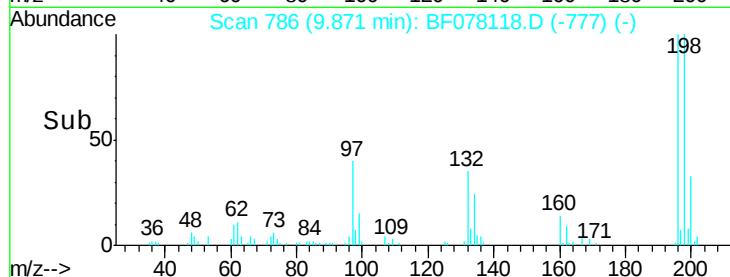
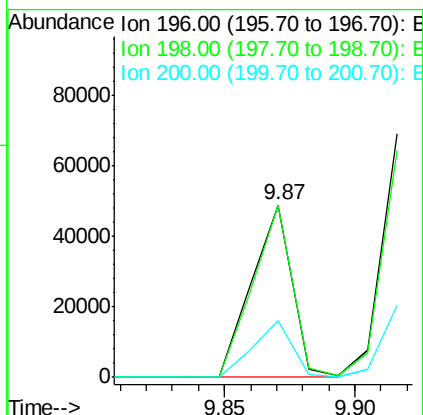
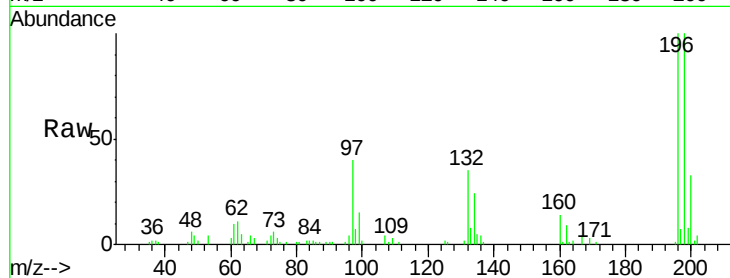




#42
 2,4,6-Trichlorophenol
 Concen: 26.32 ng
 RT: 9.87 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF078118.D
 Acq: 31 Mar 2015 17:10

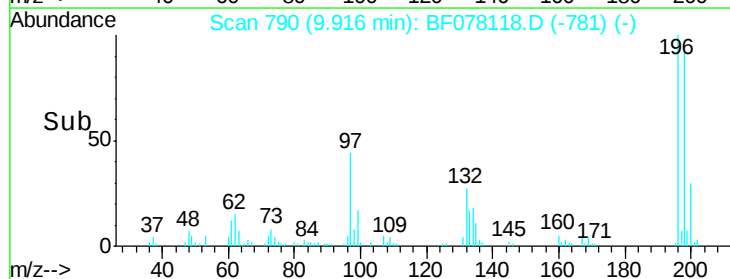
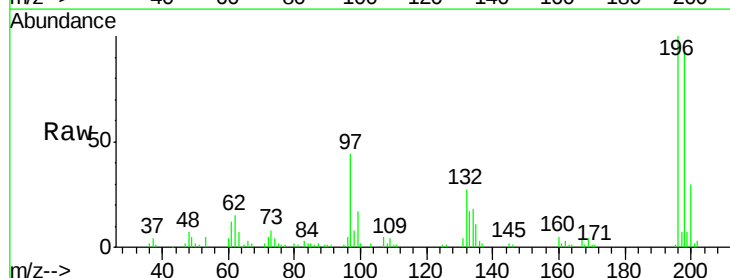
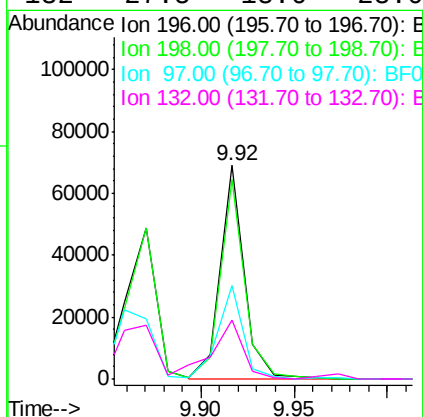
Instrument :
 BNA_F
 ClientSampleId :
 S-11(0-10)MS

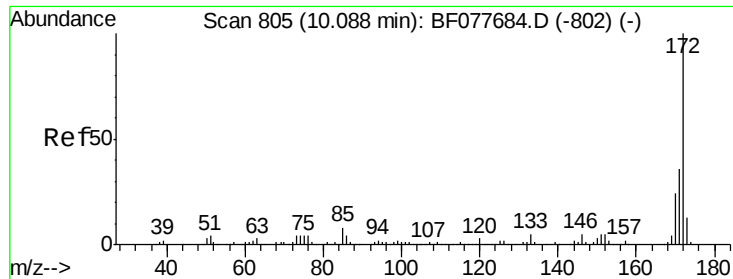
Tgt Ion:196 Resp: 52553
 Ion Ratio Lower Upper
 196 100
 198 100.1 76.3 114.5
 200 32.7 25.6 38.4



#43
 2,4,5-Trichlorophenol
 Concen: 28.74 ng
 RT: 9.92 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BF078118.D
 Acq: 31 Mar 2015 17:10

Tgt Ion:196 Resp: 61978
 Ion Ratio Lower Upper
 196 100
 198 93.2 79.4 119.0
 97 43.8 26.8 40.2#
 132 27.5 18.6 28.0

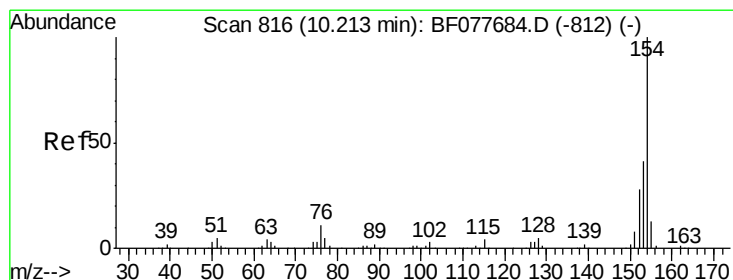
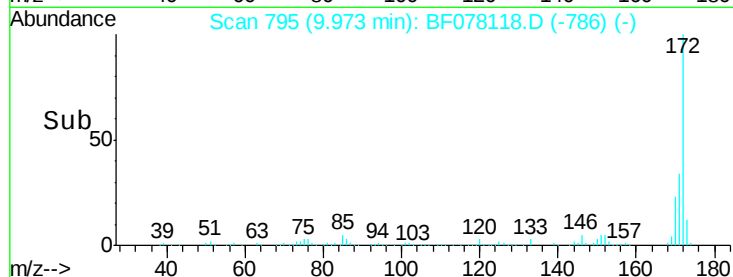
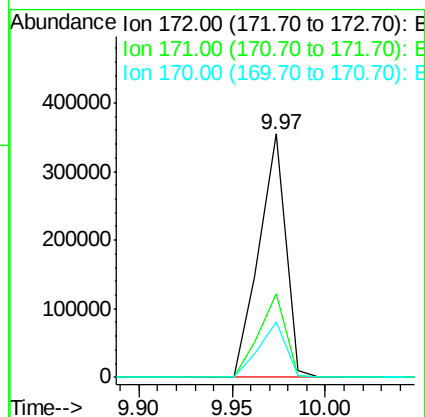
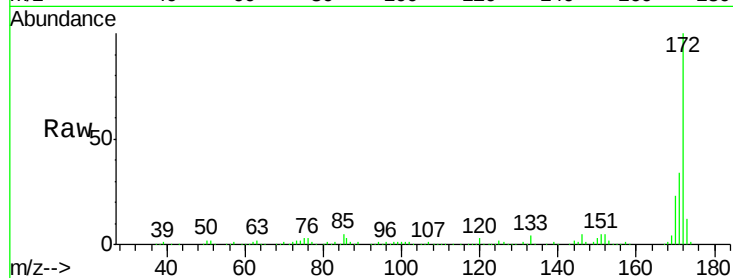




#44
 2-Fluorobiphenyl
 Concen: 53.38 ng
 RT: 9.97 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF078118.D
 Acq: 31 Mar 2015 17:10

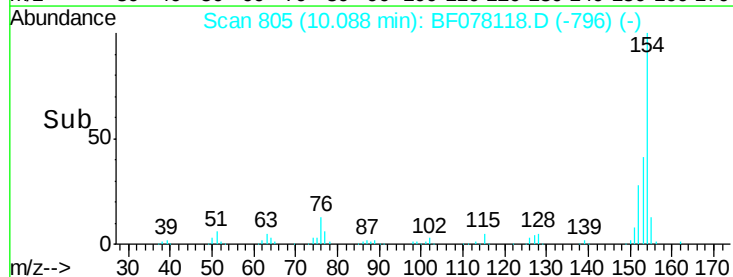
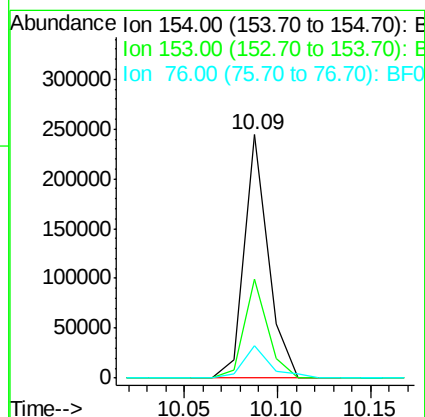
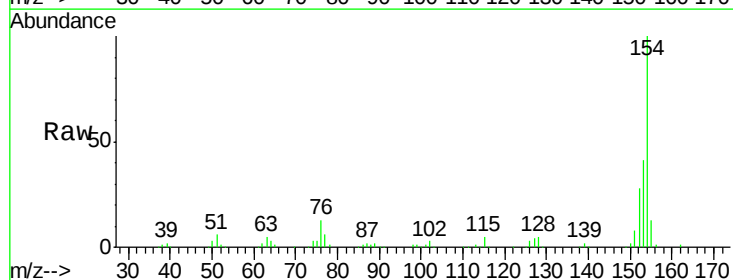
Instrument :
 BNA_F
 ClientSampleId :
 S-11(0-10)MS

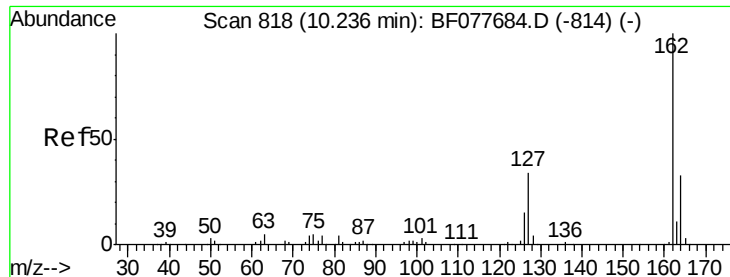
Tgt Ion:172 Resp: 350950
 Ion Ratio Lower Upper
 172 100
 171 34.4 28.5 42.7
 170 22.8 18.8 28.2



#45
 1,1'-Biphenyl
 Concen: 28.19 ng
 RT: 10.09 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF078118.D
 Acq: 31 Mar 2015 17:10

Tgt Ion:154 Resp: 217780
 Ion Ratio Lower Upper
 154 100
 153 40.5 20.7 60.7
 76 13.1 0.0 30.9

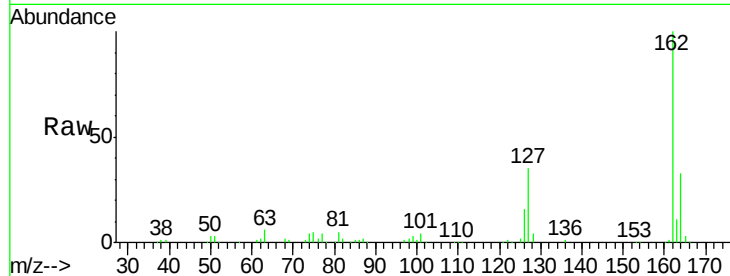




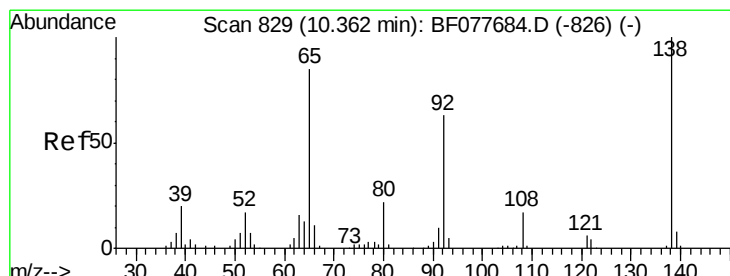
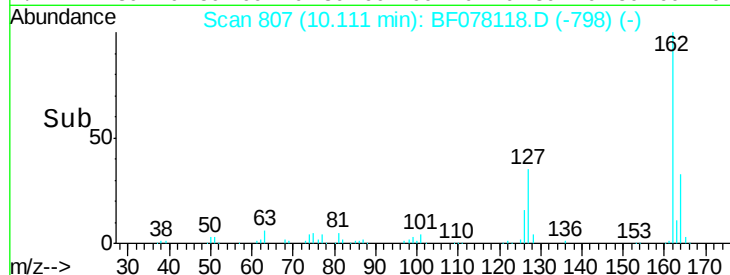
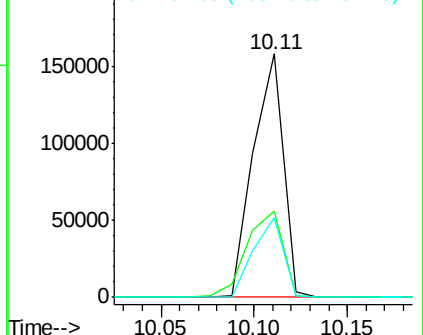
#46
2-Chloronaphthalene
Concen: 27.98 ng
RT: 10.11 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Instrument :
BNA_F
ClientSampleId :
S-11(0-10)MS

Tgt Ion: 162 Resp: 175647
Ion Ratio Lower Upper
162 100
127 35.2 26.9 40.3
164 32.6 26.8 40.2

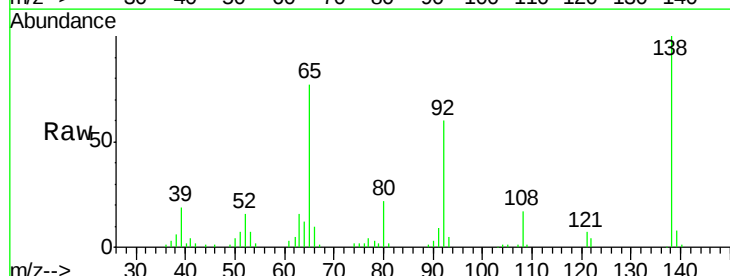


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

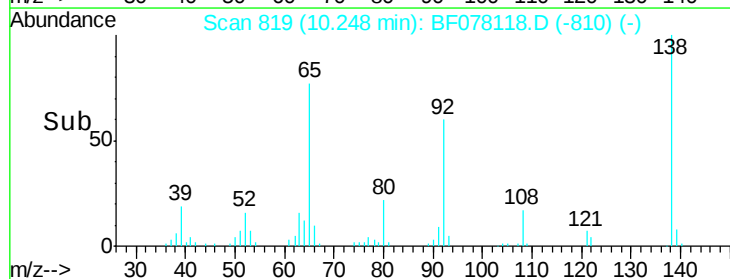
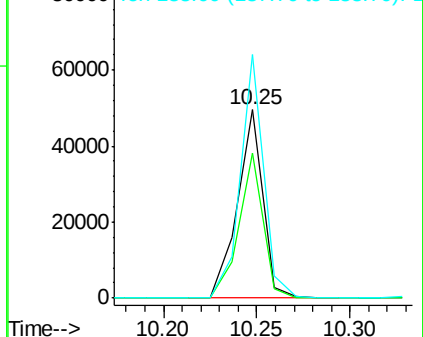


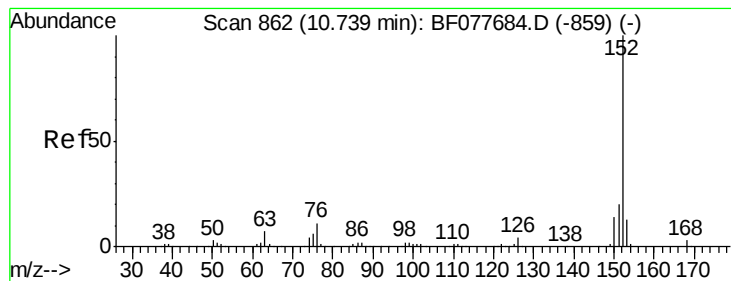
#47
2-Nitroaniline
Concen: 30.12 ng
RT: 10.25 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Tgt Ion: 65 Resp: 46964
Ion Ratio Lower Upper
65 100
92 77.4 59.1 88.7
138 129.5 93.9 140.9



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 26.69 ng

RT: 10.61 min Scan# 851

Delta R.T. 0.00 min

Lab File: BF078118.D

Acq: 31 Mar 2015 17:10

Instrument :

BNA_F

ClientSampleId :

S-11(0-10)MS

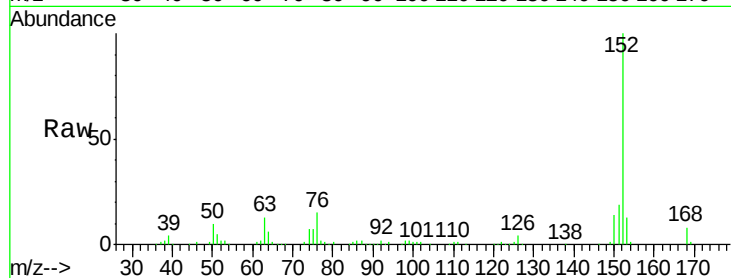
Tgt Ion:152 Resp: 278566

Ion Ratio Lower Upper

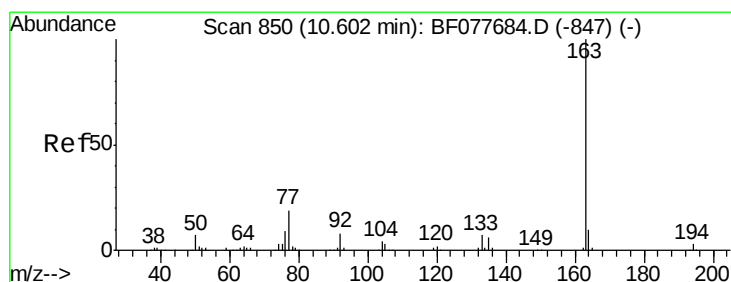
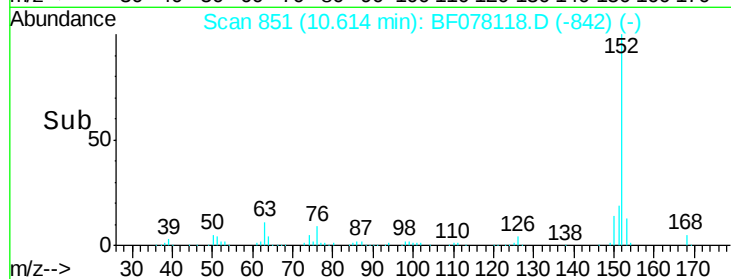
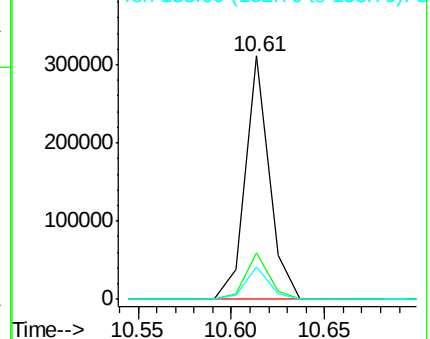
152 100

151 19.4 15.9 23.9

153 13.1 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 33.76 ng

RT: 10.49 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF078118.D

Acq: 31 Mar 2015 17:10

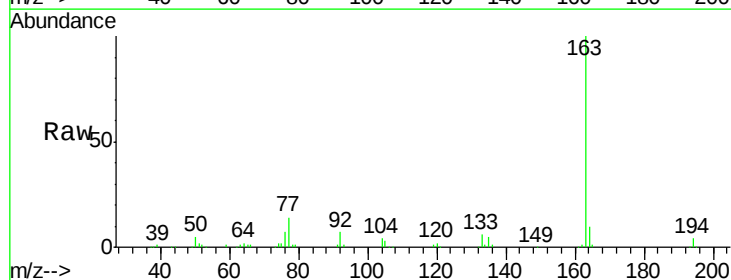
Tgt Ion:163 Resp: 241952

Ion Ratio Lower Upper

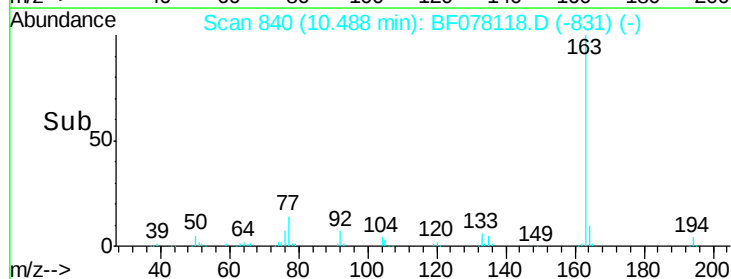
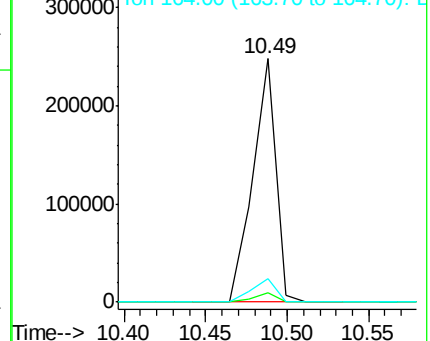
163 100

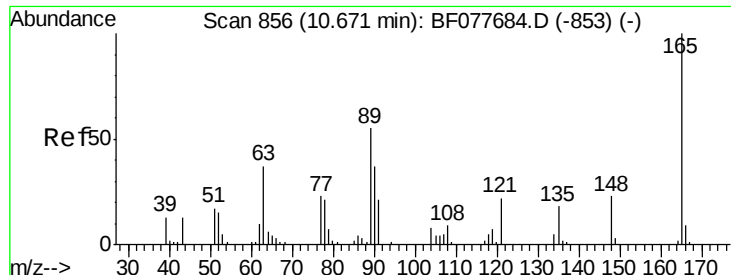
194 3.8 2.7 4.1

164 9.6 8.2 12.2



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

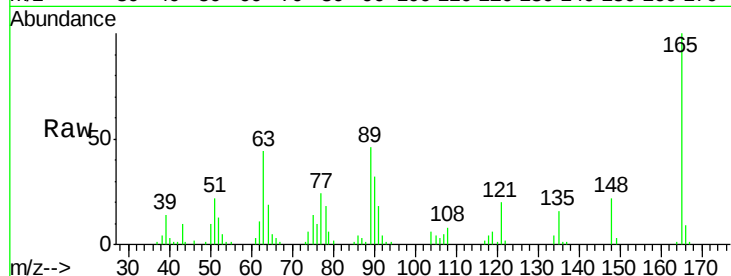




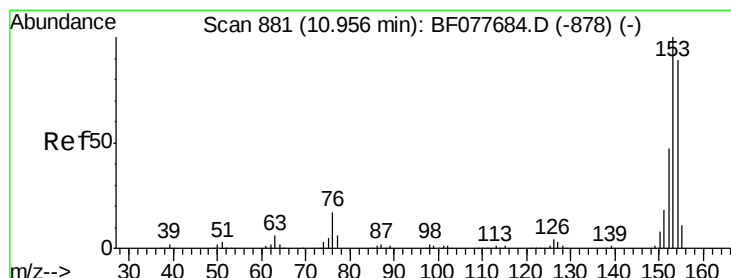
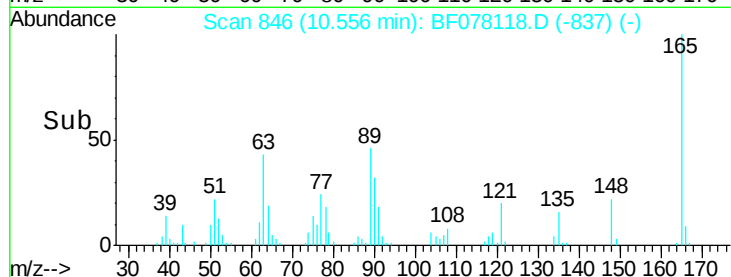
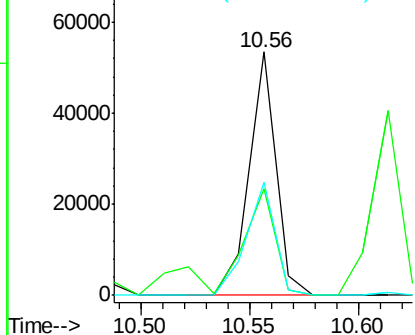
#50
2,6-Dinitrotoluene
Concen: 30.93 ng
RT: 10.56 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Instrument :
BNA_F
ClientSampleId :
S-11(0-10)MS

Tgt Ion:165 Resp: 45949
Ion Ratio Lower Upper
165 100
63 43.6 44.1 66.1#
89 46.4 44.3 66.5

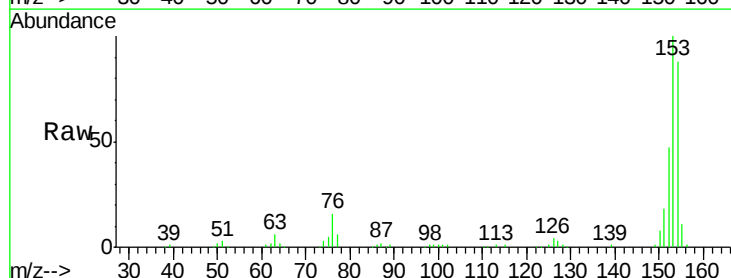


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

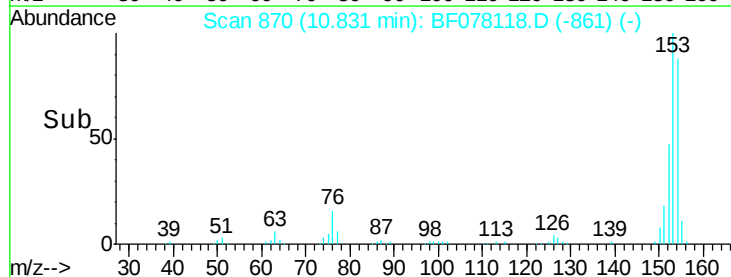
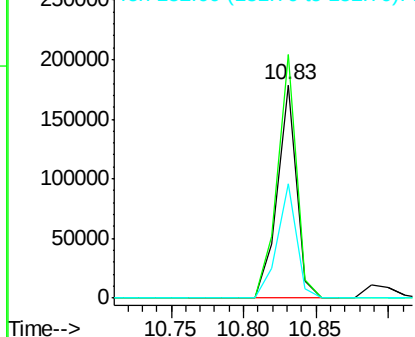


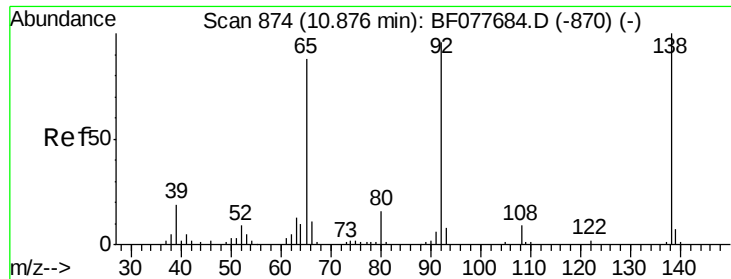
#51
Acenaphthene
Concen: 27.37 ng
RT: 10.83 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Tgt Ion:154 Resp: 163819
Ion Ratio Lower Upper
154 100
153 114.0 90.0 135.0
152 53.7 42.6 63.8



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

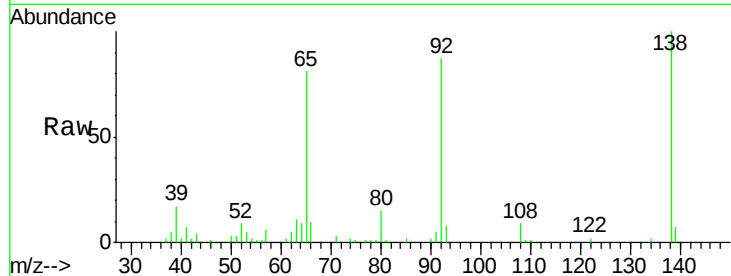




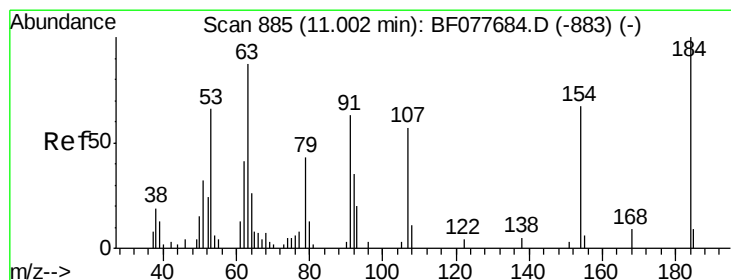
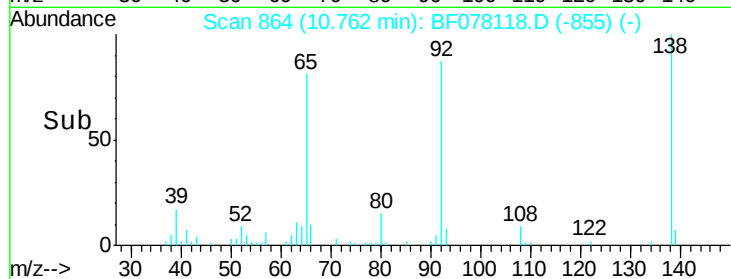
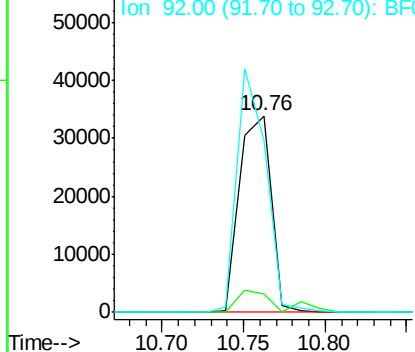
#52
3-Nitroaniline
Concen: 26.41 ng
RT: 10.76 min Scan# 864
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Instrument :
BNA_F
ClientSampled :
S-11(0-10)MS

Tgt Ion:138 Resp: 45571
Ion Ratio Lower Upper
138 100
108 9.3 7.3 10.9
92 87.3 76.6 114.8

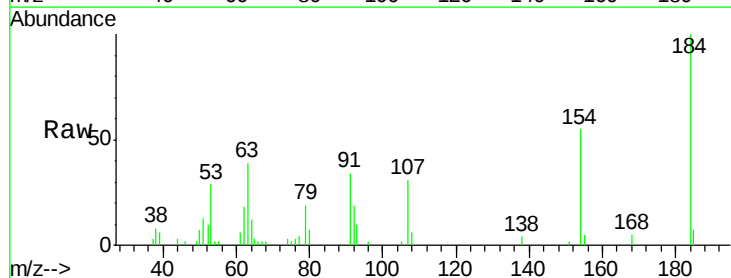


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0

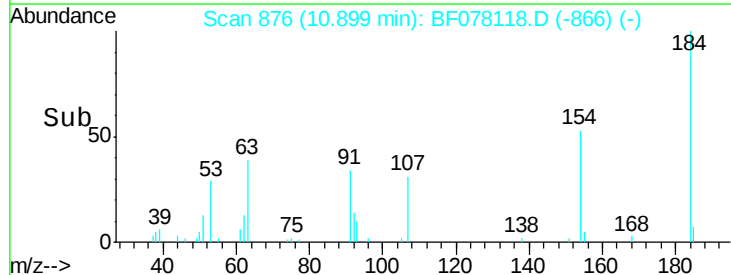
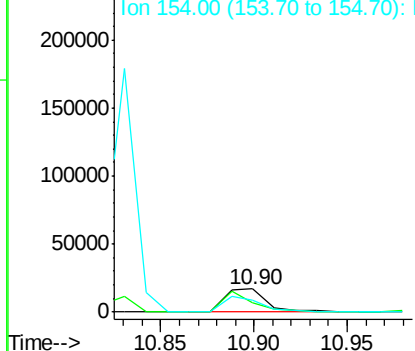


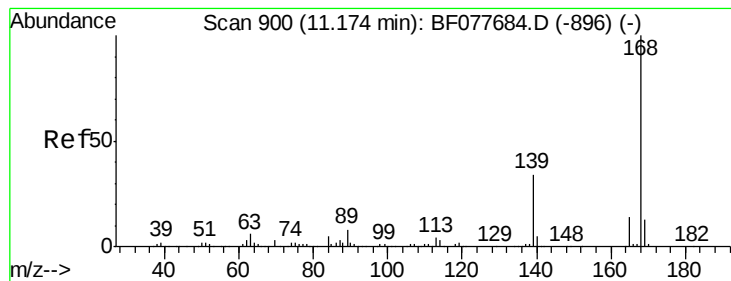
#53
2,4-Dinitrophenol
Concen: 51.69 ng
RT: 10.90 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Tgt Ion:184 Resp: 26477
Ion Ratio Lower Upper
184 100
63 38.7 69.2 103.8#
154 54.9 53.3 79.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 28.87 ng

RT: 11.05 min Scan# 889

Delta R.T. 0.00 min

Lab File: BF078118.D

Acq: 31 Mar 2015 17:10

Instrument :

BNA_F

ClientSampleId :

S-11(0-10)MS

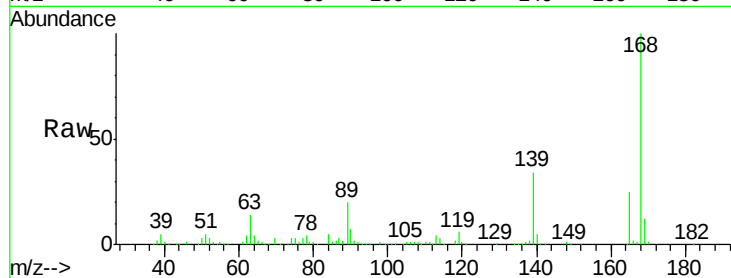
Tgt Ion:168 Resp: 256248

Ion Ratio Lower Upper

168 100

139 33.8 27.3 40.9

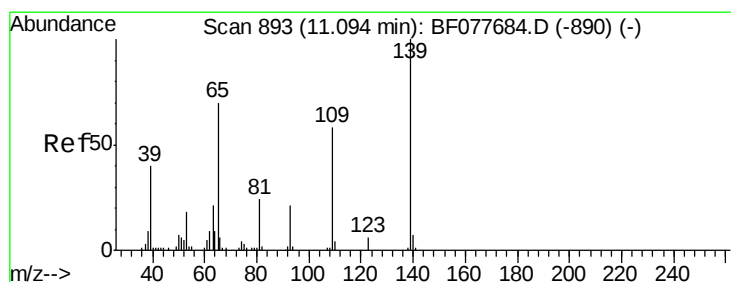
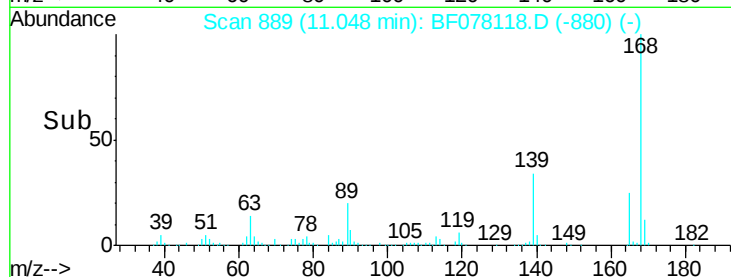
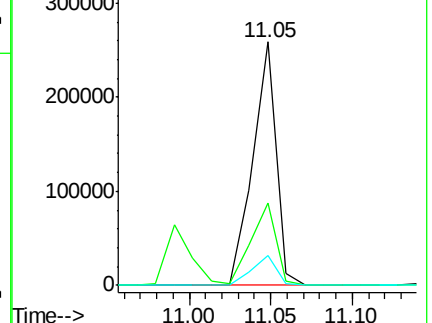
169 12.5 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 54.05 ng

RT: 10.99 min Scan# 884

Delta R.T. 0.00 min

Lab File: BF078118.D

Acq: 31 Mar 2015 17:10

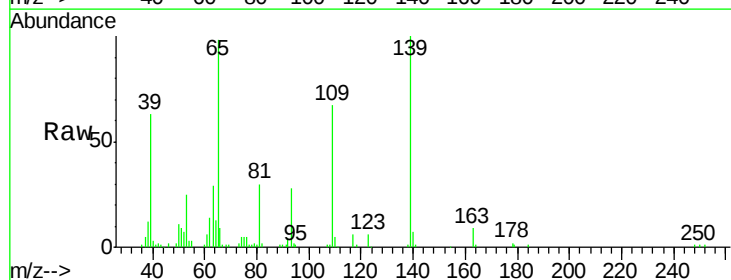
Tgt Ion:139 Resp: 69071

Ion Ratio Lower Upper

139 100

109 66.9 37.7 77.7

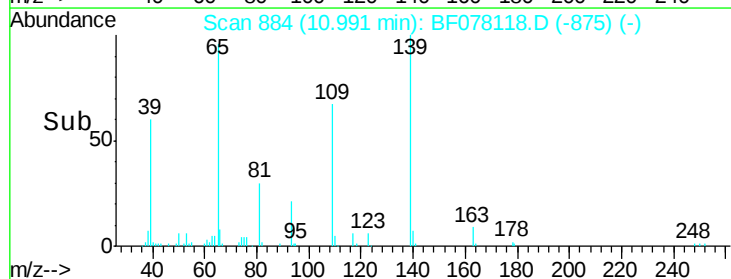
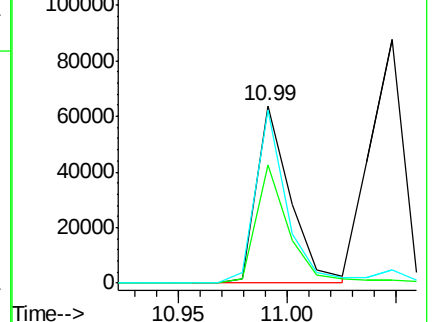
65 97.9 49.9 89.9#

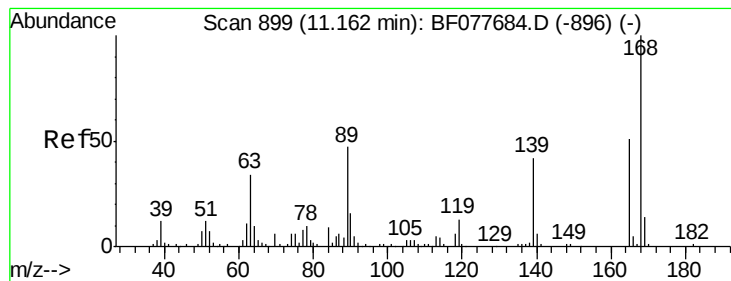


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

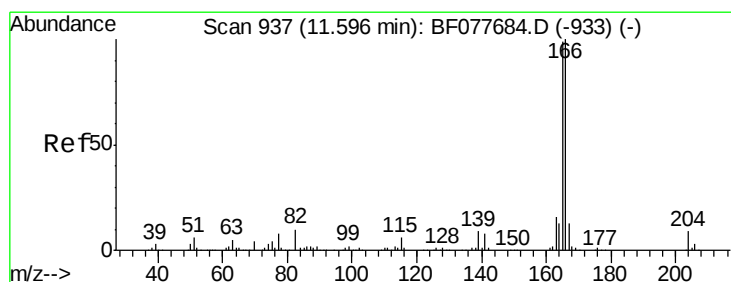
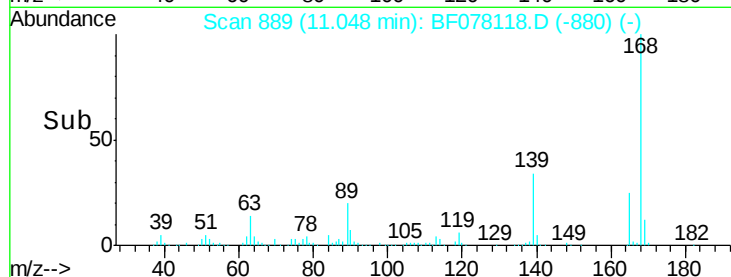
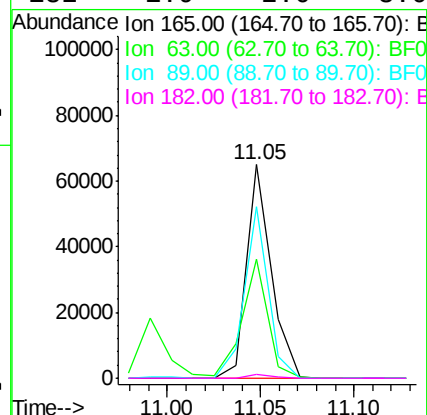
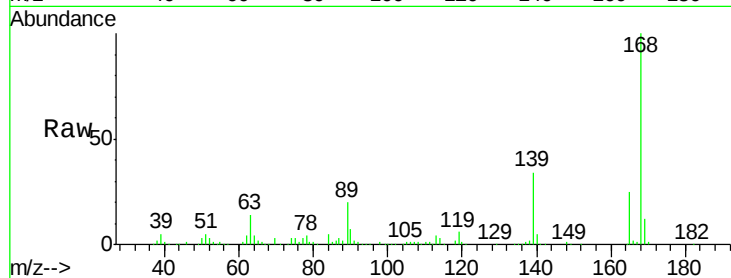




#56
2,4-Dinitrotoluene
Concen: 30.88 ng
RT: 11.05 min Scan# 889
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

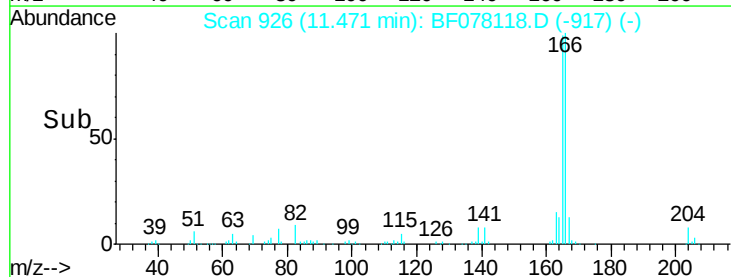
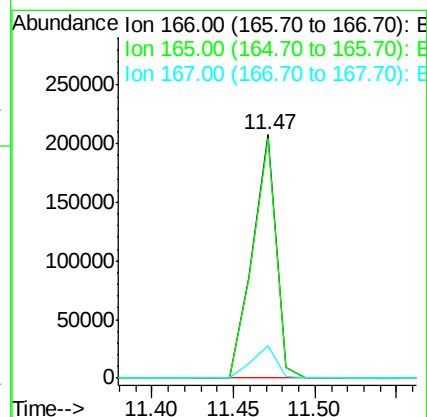
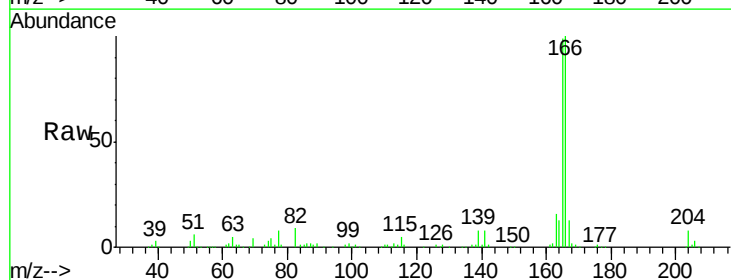
Instrument :
BNA_F
ClientSampleId :
S-11(0-10)MS

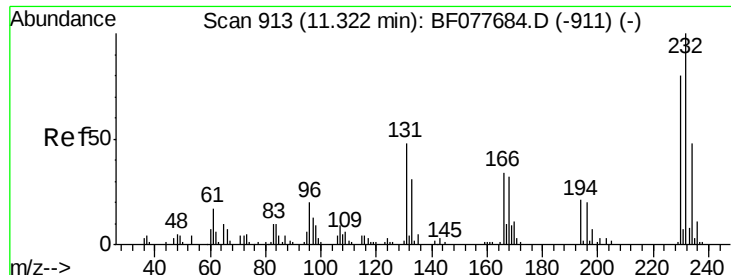
Tgt Ion:165 Resp: 59814
Ion Ratio Lower Upper
165 100
63 55.8 52.4 78.6
89 80.3 72.4 108.6
182 1.9 2.0 3.0#



#57
Fluorene
Concen: 28.23 ng
RT: 11.47 min Scan# 926
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Tgt Ion:166 Resp: 208098
Ion Ratio Lower Upper
166 100
165 98.7 79.0 118.4
167 13.2 10.3 15.5

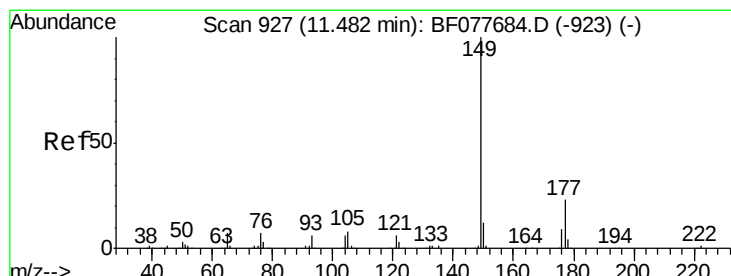
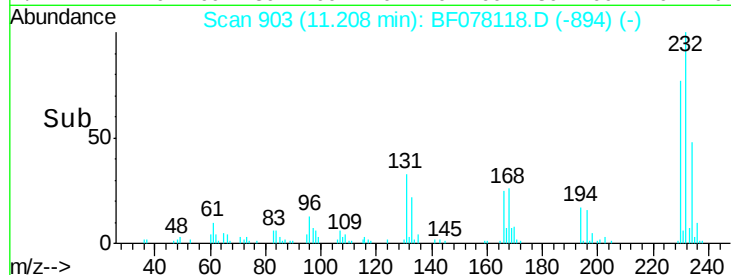
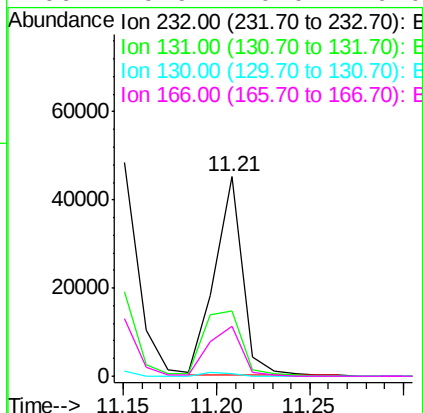
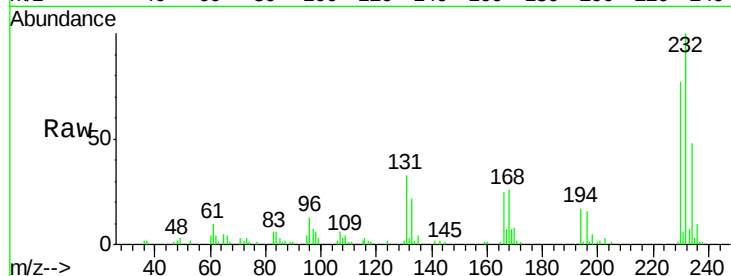




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 28.22 ng
 RT: 11.21 min Scan# 903
 Delta R.T. 0.00 min
 Lab File: BF078118.D
 Acq: 31 Mar 2015 17:10

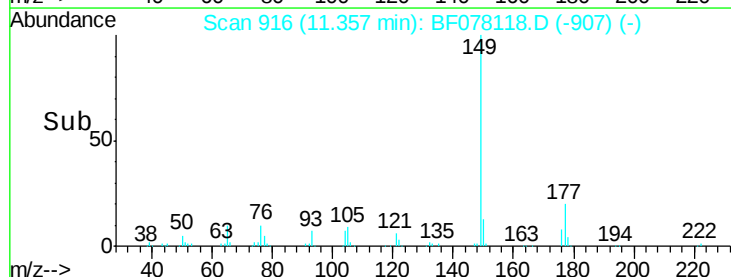
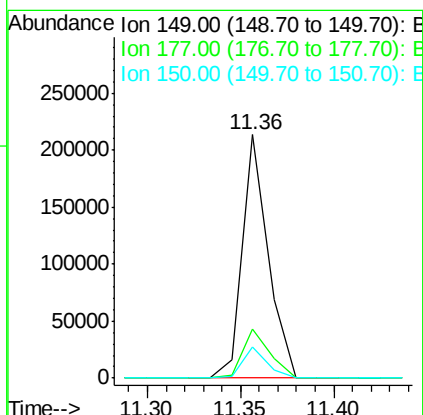
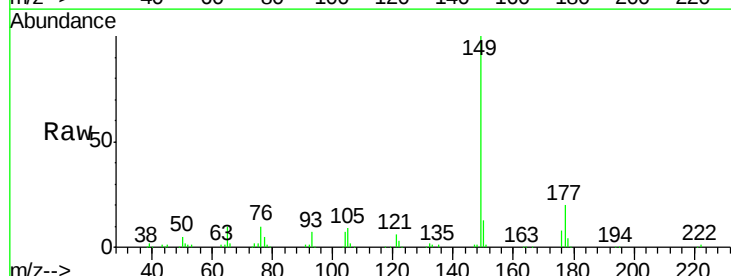
Instrument :
 BNA_F
 ClientSampleId :
 S-11(0-10)MS

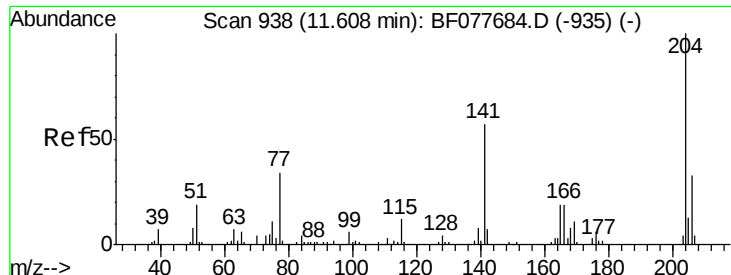
Tgt Ion:	232	Resp:	46858
Ion	Ratio	Lower	Upper
232	100		
131	46.2	0.0	0.0#
130	2.2	0.0	0.0#
166	29.9	0.0	0.0#



#59
 Diethylphthalate
 Concen: 29.41 ng
 RT: 11.36 min Scan# 916
 Delta R.T. 0.00 min
 Lab File: BF078118.D
 Acq: 31 Mar 2015 17:10

Tgt Ion:	149	Resp:	205344
Ion	Ratio	Lower	Upper
149	100		
177	20.1	18.3	27.5
150	12.7	9.8	14.8

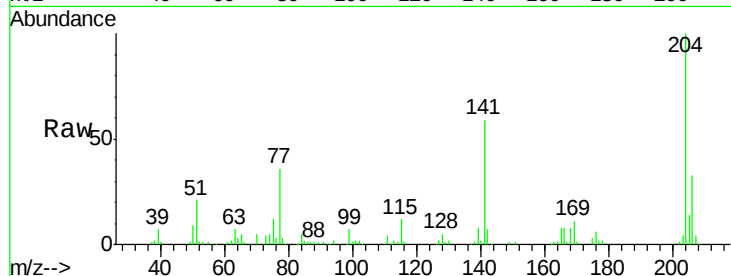




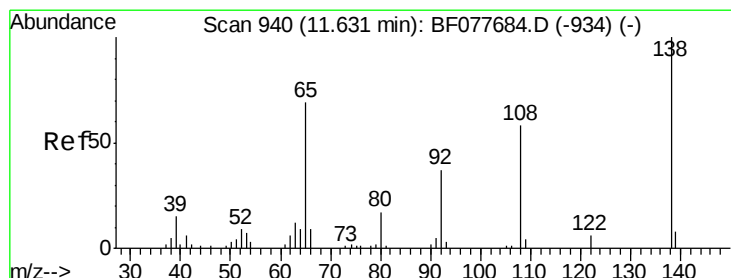
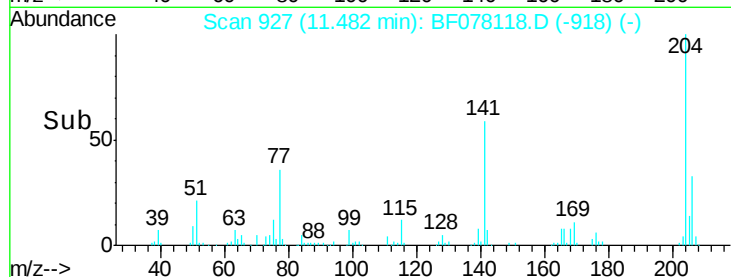
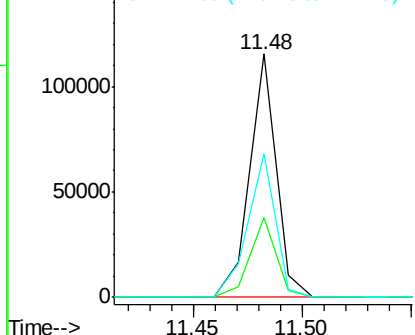
#60
 4-Chlorophenyl-phenylether
 Concen: 29.00 ng
 RT: 11.48 min Scan# 927
 Delta R.T. 0.00 min
 Lab File: BF078118.D
 Acq: 31 Mar 2015 17:10

Instrument :
 BNA_F
 ClientSampleId :
 S-11(0-10)MS

Tgt Ion:204 Resp: 97548
 Ion Ratio Lower Upper
 204 100
 206 32.6 26.6 39.8
 141 58.9 45.2 67.8

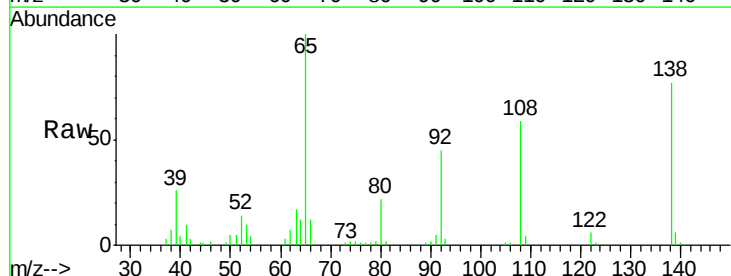


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

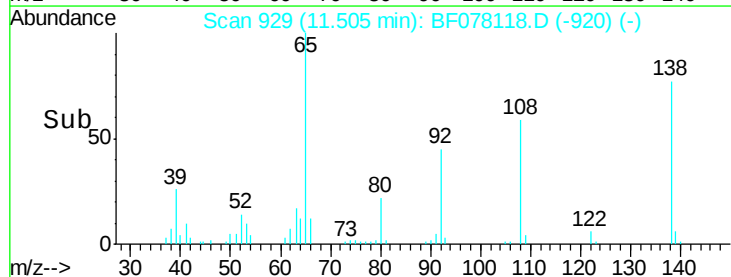
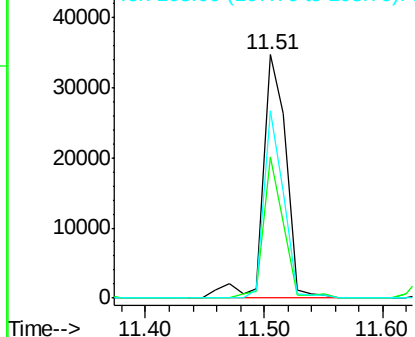


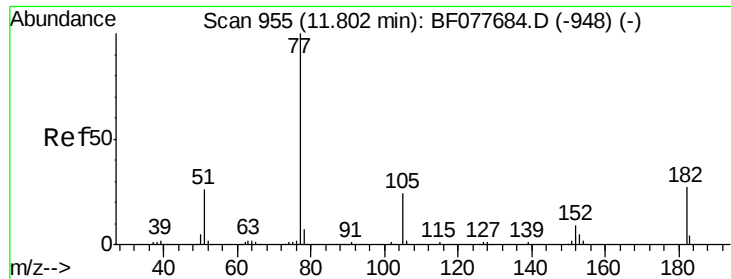
#61
 4-Nitroaniline
 Concen: 27.30 ng
 RT: 11.51 min Scan# 929
 Delta R.T. 0.00 min
 Lab File: BF078118.D
 Acq: 31 Mar 2015 17:10

Tgt Ion:138 Resp: 46942
 Ion Ratio Lower Upper
 138 100
 92 58.1 16.7 56.7#
 108 76.8 37.6 77.6



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





#62

Azobenzene

Concen: 29.44 ng

RT: 11.68 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF078118.D

Acq: 31 Mar 2015 17:10

Instrument :

BNA_F

ClientSampleId :

S-11(0-10)MS

Tgt Ion: 77 Resp: 196468

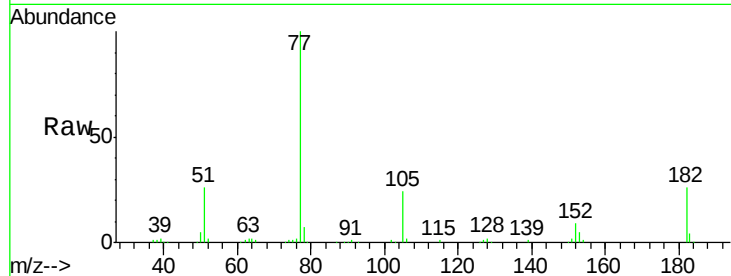
Ion Ratio Lower Upper

77 100

182 26.0 6.5 46.5

105 23.6 3.8 43.8

51 25.8 5.5 45.5

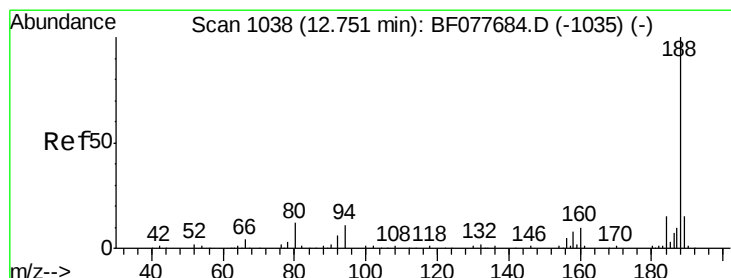
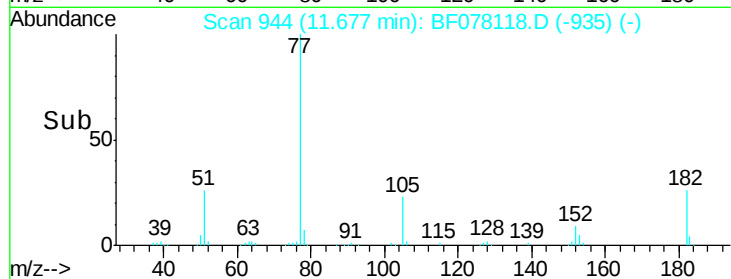
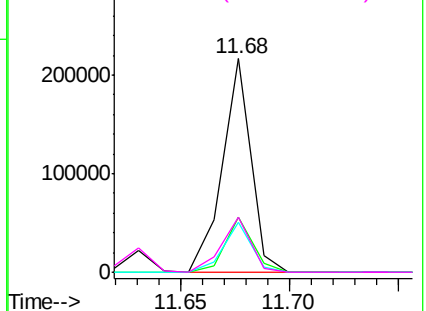


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.63 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BF078118.D

Acq: 31 Mar 2015 17:10

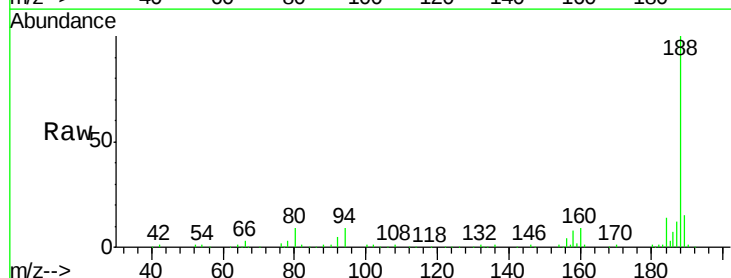
Tgt Ion: 188 Resp: 186480

Ion Ratio Lower Upper

188 100

94 8.6 8.7 13.1#

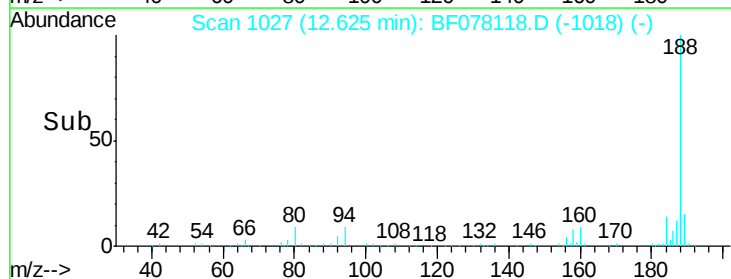
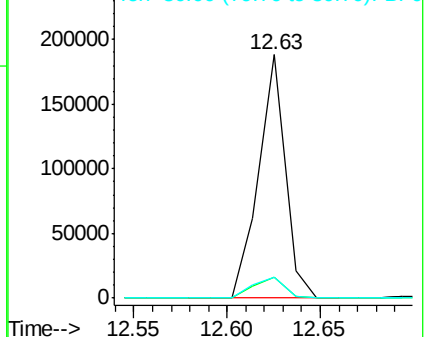
80 8.7 9.3 13.9#

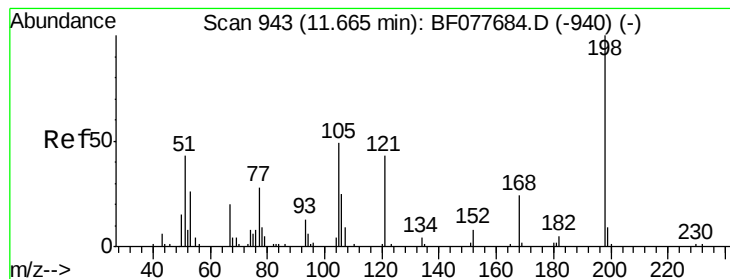


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 27.78 ng

RT: 11.55 min Scan# 933

Delta R.T. 0.00 min

Lab File: BF078118.D

Acq: 31 Mar 2015 17:10

Instrument :

BNA_F

ClientSampleId :

S-11(0-10)MS

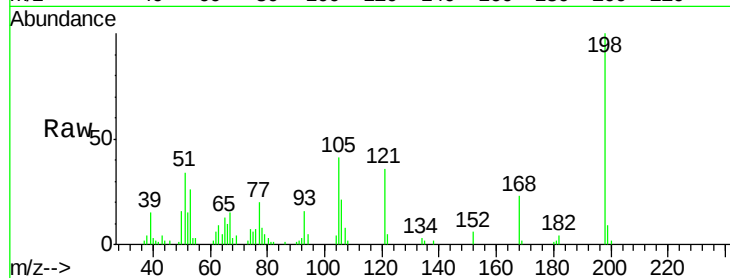
Tgt Ion:198 Resp: 22709

Ion Ratio Lower Upper

198 100

51 33.8 28.8 68.8

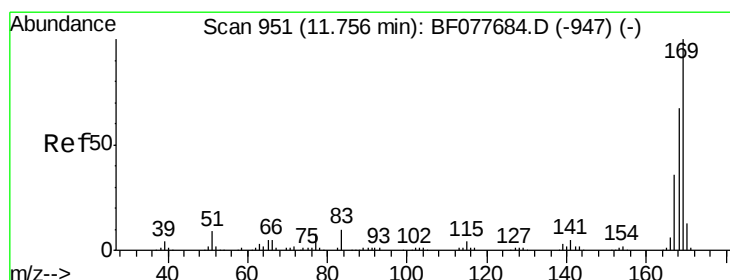
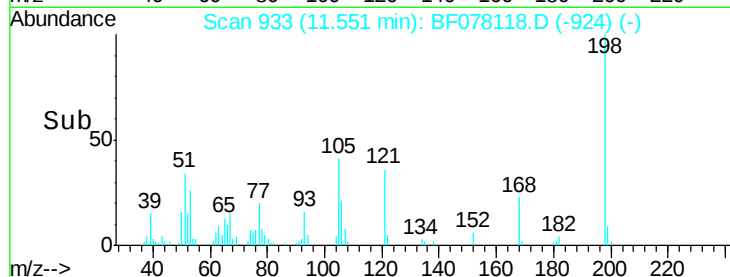
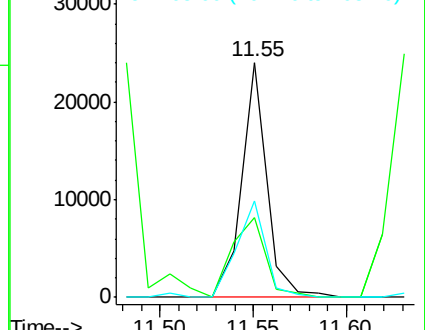
105 40.8 30.5 70.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 28.68 ng

RT: 11.63 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF078118.D

Acq: 31 Mar 2015 17:10

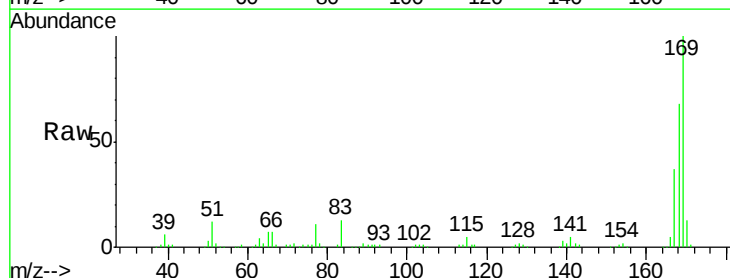
Tgt Ion:169 Resp: 178092

Ion Ratio Lower Upper

169 100

168 68.1 53.9 80.9

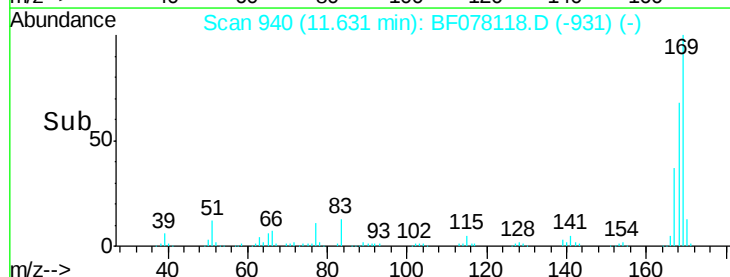
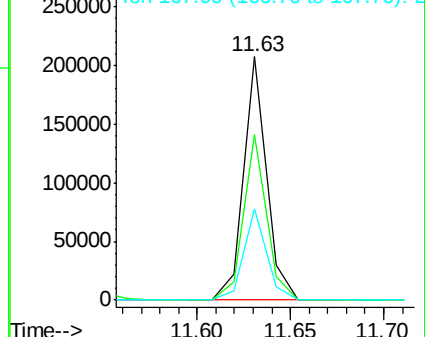
167 37.4 28.9 43.3

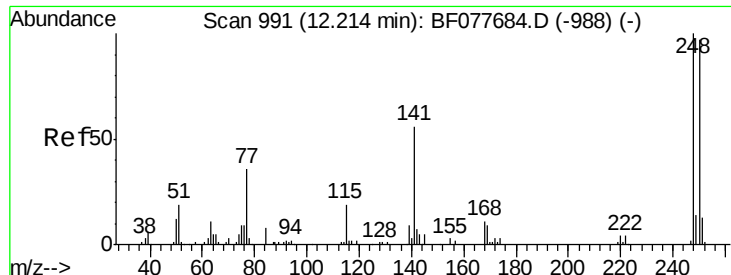


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

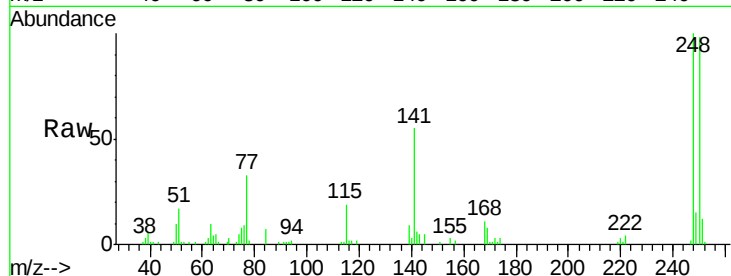




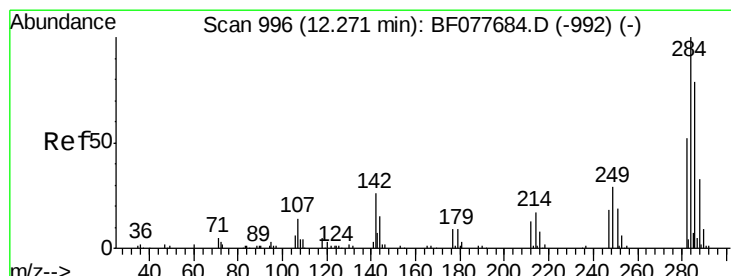
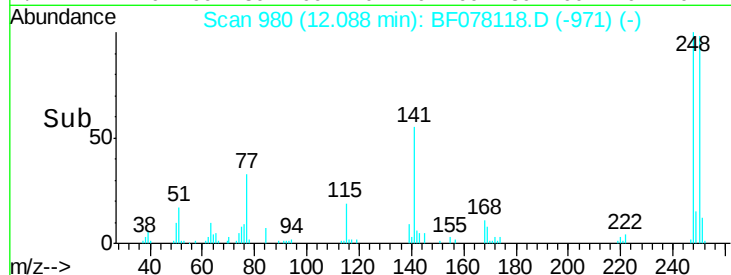
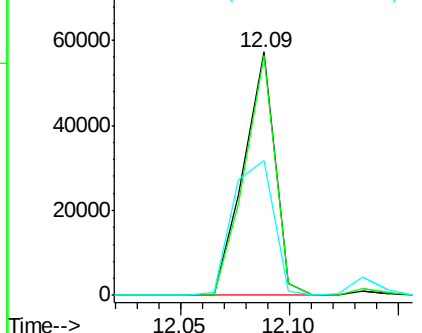
#66
4-Bromophenyl-phenylether
Concen: 28.79 ng
RT: 12.09 min Scan# 980
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Instrument :
BNA_F
ClientSampleId :
S-11(0-10)MS

Tgt Ion:248 Resp: 57301
Ion Ratio Lower Upper
248 100
250 98.3 77.4 116.0
141 55.2 45.2 67.8

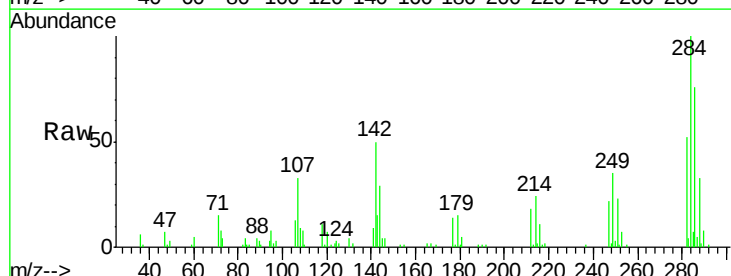


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

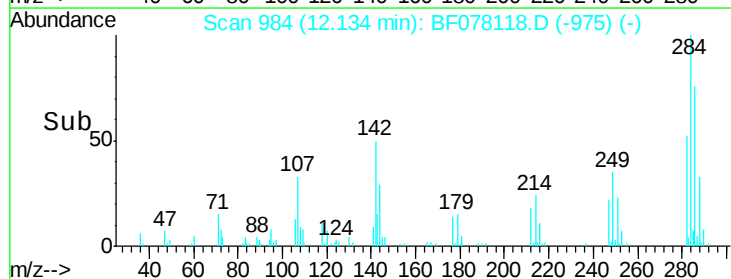
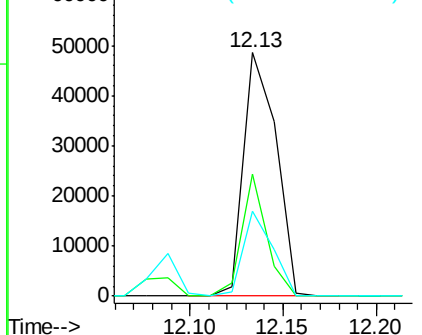


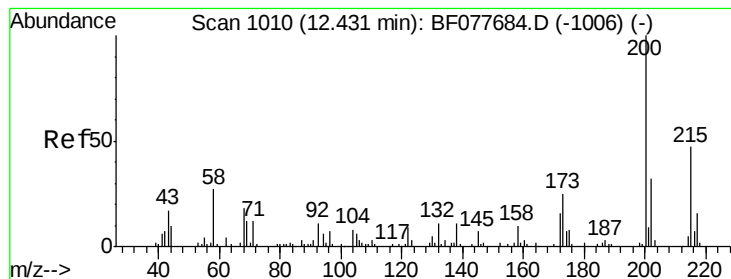
#67
Hexachlorobenzene
Concen: 26.91 ng
RT: 12.13 min Scan# 984
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Tgt Ion:284 Resp: 58853
Ion Ratio Lower Upper
284 100
142 49.9 20.4 30.6#
249 34.7 23.8 35.6



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: 30.56 ng

RT: 12.31 min Scan# 999

Delta R.T. 0.00 min

Lab File: BF078118.D

Acq: 31 Mar 2015 17:10

Instrument :

BNA_F

ClientSampleId :

S-11(0-10)MS

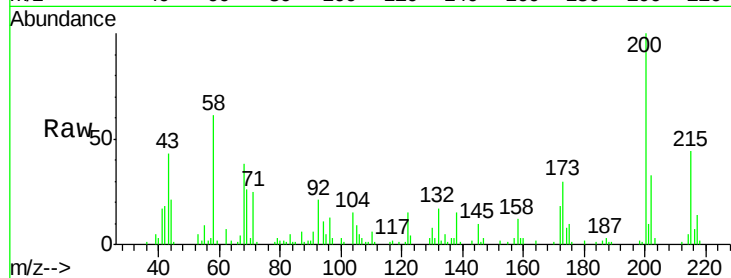
Tgt Ion:200 Resp: 53183

Ion Ratio Lower Upper

200 100

173 30.1 4.8 44.8

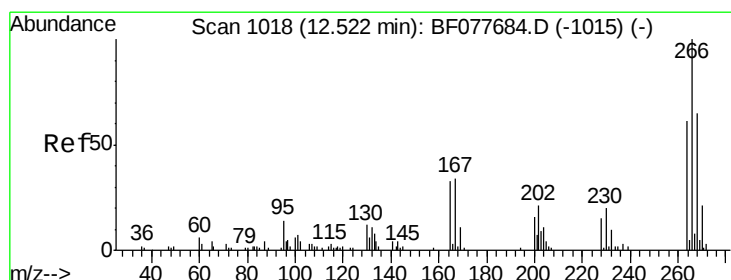
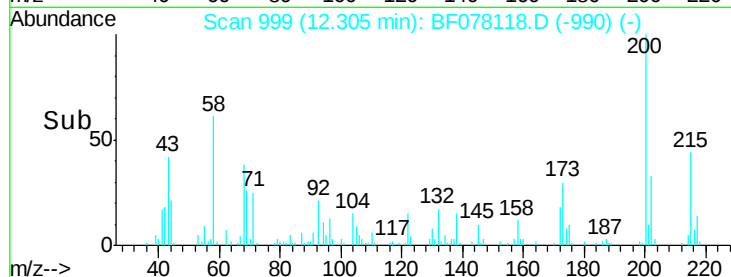
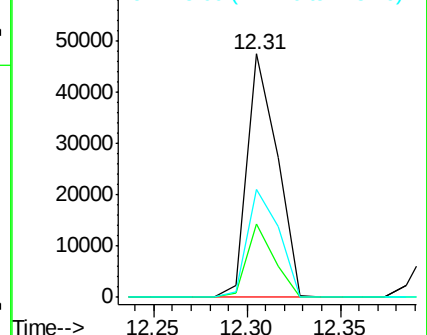
215 44.2 26.9 66.9



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: 47.29 ng

RT: 12.40 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BF078118.D

Acq: 31 Mar 2015 17:10

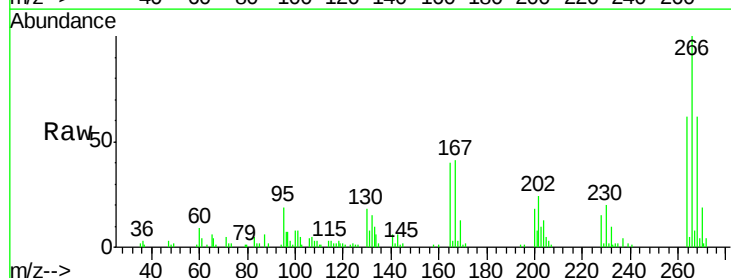
Tgt Ion:266 Resp: 52664

Ion Ratio Lower Upper

266 100

268 61.5 52.0 78.0

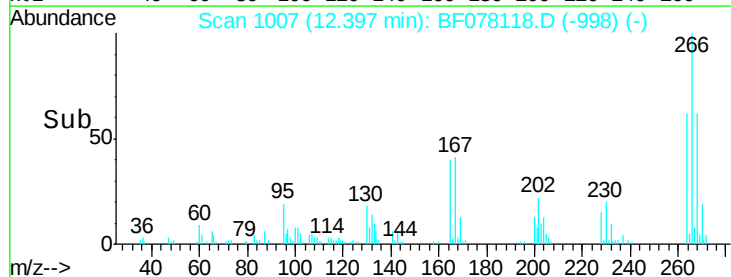
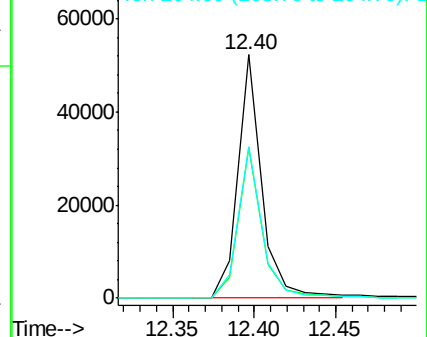
264 62.1 49.0 73.4

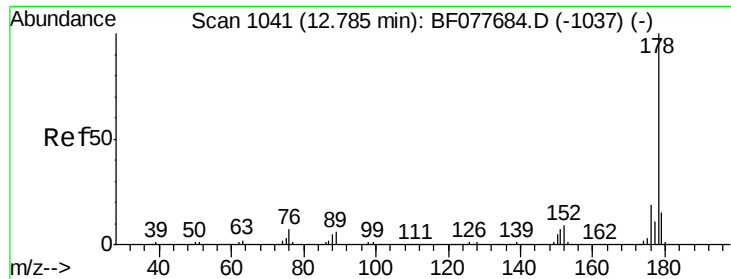


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

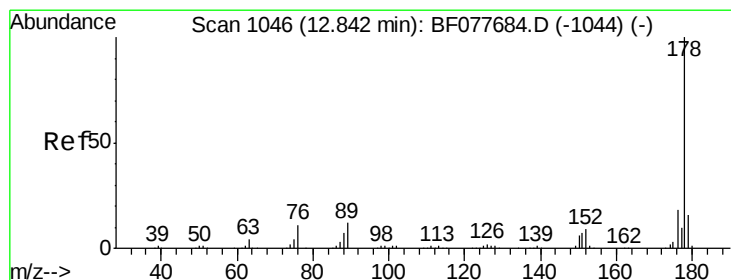
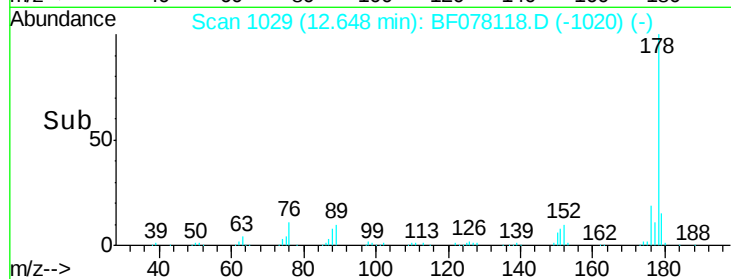
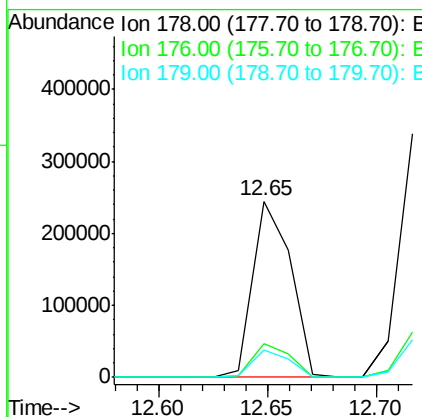
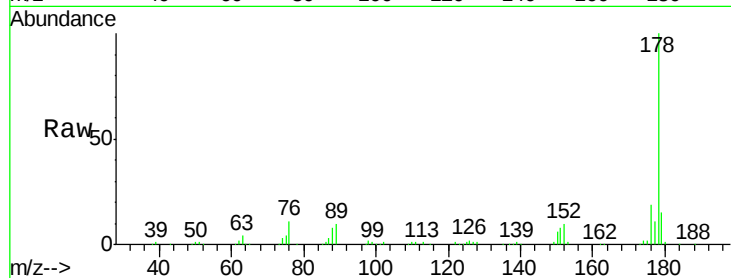




#70
Phenanthrene
Concen: 27.83 ng
RT: 12.65 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

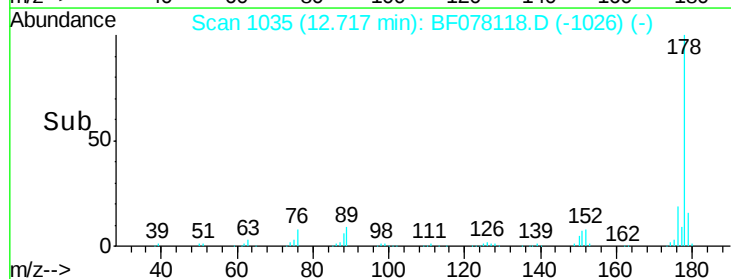
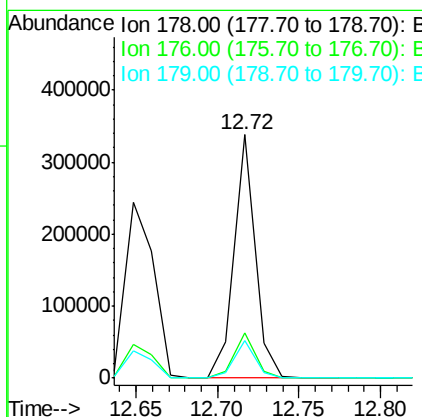
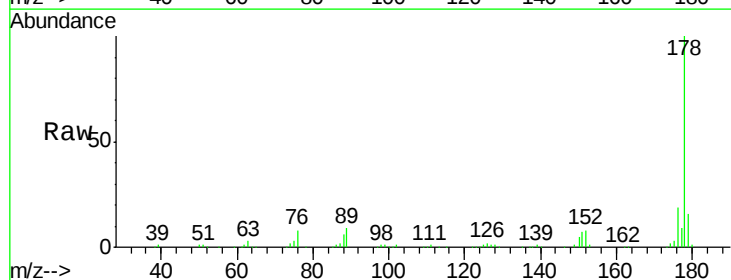
Instrument :
BNA_F
ClientSampleId :
S-11(0-10)MS

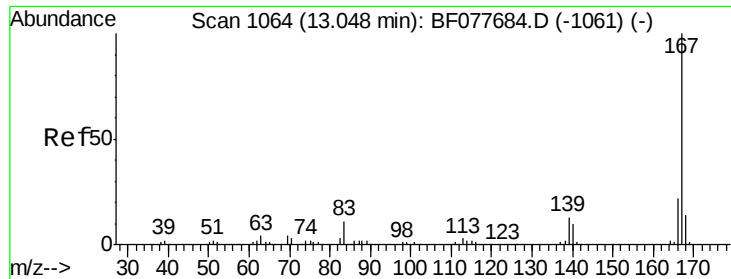
Tgt Ion:178 Resp: 297890
Ion Ratio Lower Upper
178 100
176 19.1 15.2 22.8
179 15.4 12.1 18.1



#71
Anthracene
Concen: 28.46 ng
RT: 12.72 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Tgt Ion:178 Resp: 301037
Ion Ratio Lower Upper
178 100
176 18.6 14.6 22.0
179 15.6 12.6 19.0

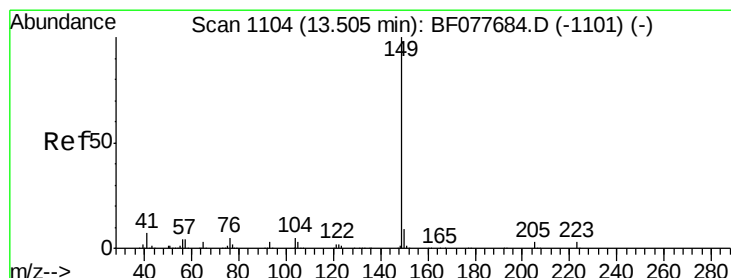
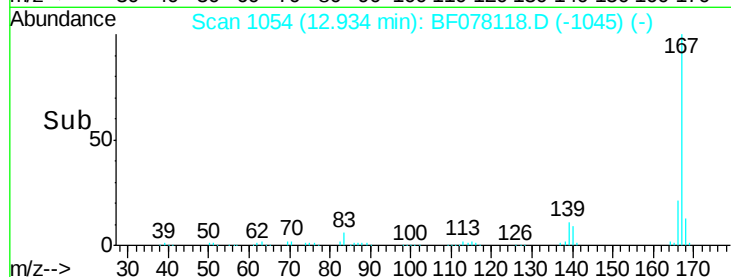
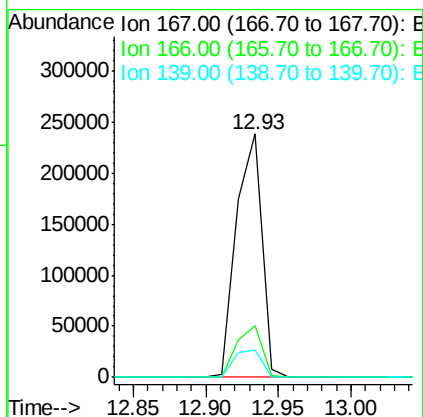
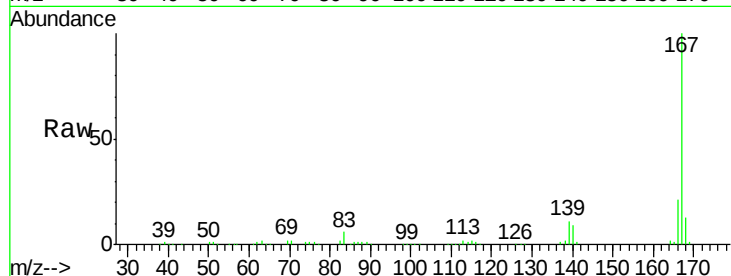




#72
 Carbazole
 Concen: 29.02 ng
 RT: 12.93 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: BF078118.D
 Acq: 31 Mar 2015 17:10

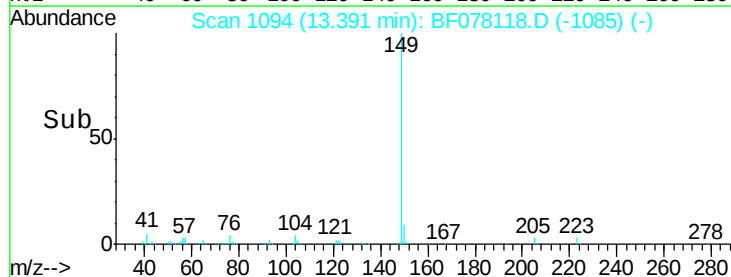
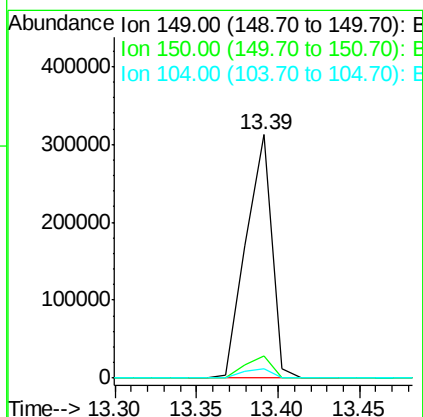
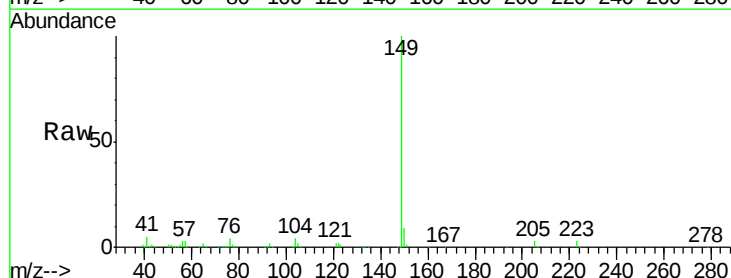
Instrument :
 BNA_F
 ClientSampleId :
 S-11(0-10)MS

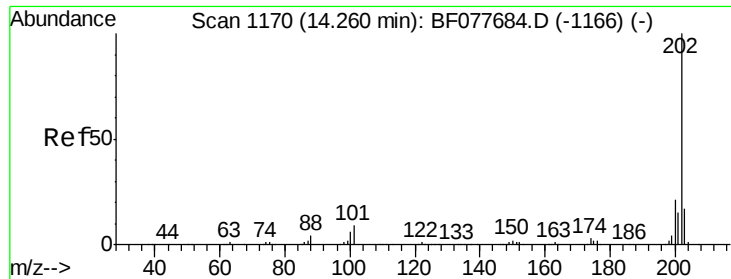
Tgt Ion:167 Resp: 291934
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.2 25.8
 139 11.3 10.8 16.2



#73
 Di-n-butylphthalate
 Concen: 30.27 ng
 RT: 13.39 min Scan# 1094
 Delta R.T. 0.00 min
 Lab File: BF078118.D
 Acq: 31 Mar 2015 17:10

Tgt Ion:149 Resp: 341438
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.5 11.3
 104 4.1 3.7 5.5

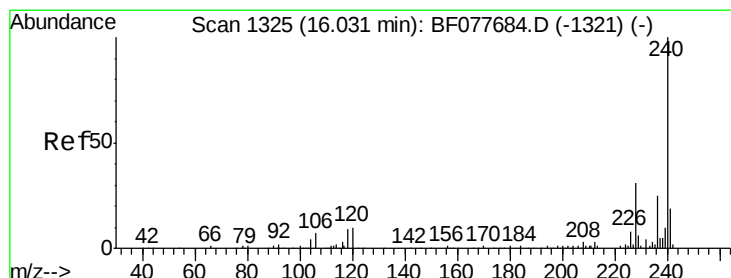
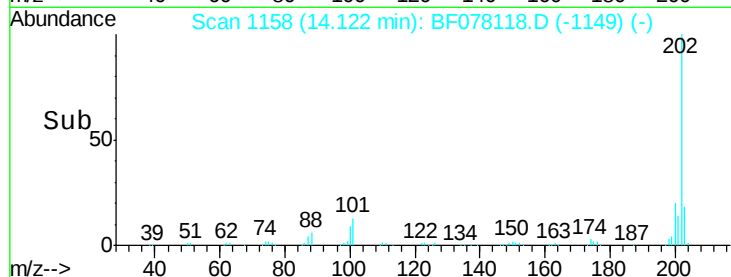
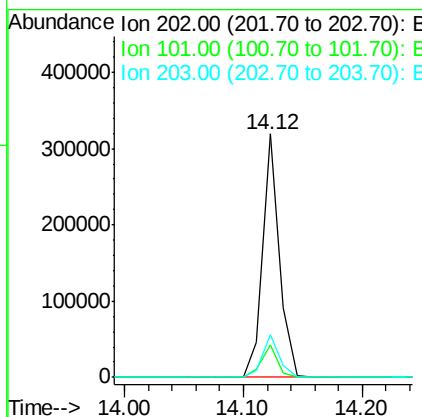
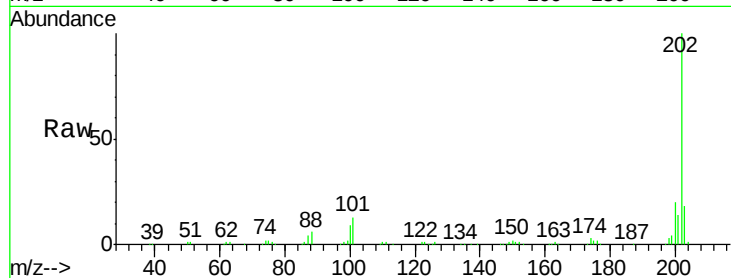




#74
 Fluoranthene
 Concen: 26.71 ng
 RT: 14.12 min Scan# 1158
 Delta R.T. 0.00 min
 Lab File: BF078118.D
 Acq: 31 Mar 2015 17:10

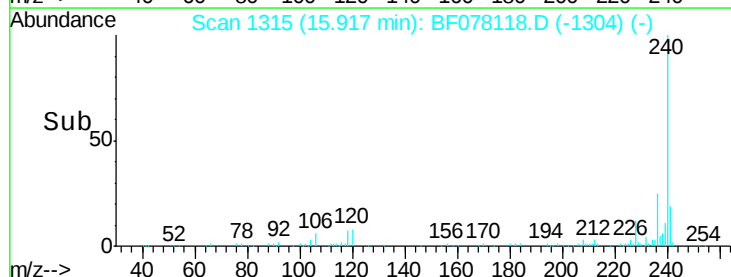
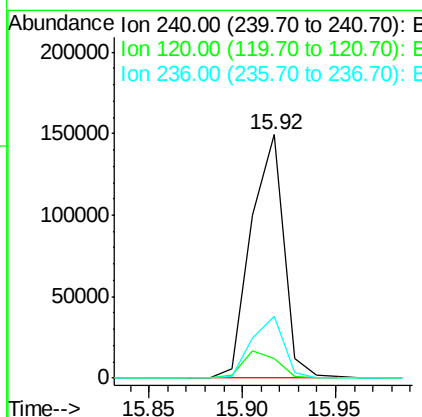
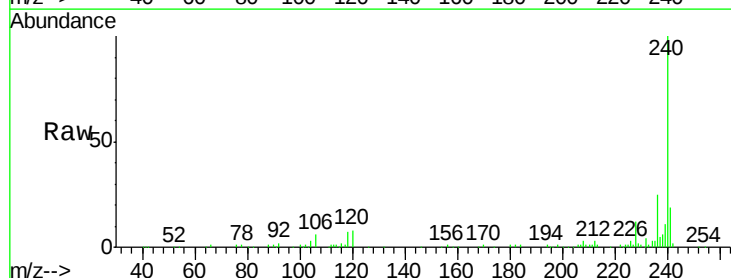
Instrument :
 BNA_F
 ClientSampleId :
 S-11(0-10)MS

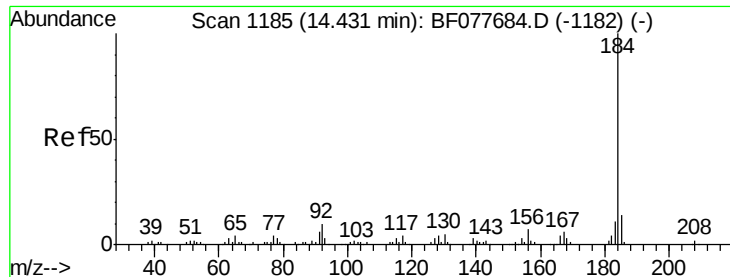
Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	28.7
203	17.6	0.0	37.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.92 min Scan# 1315
 Delta R.T. 0.02 min
 Lab File: BF078118.D
 Acq: 31 Mar 2015 17:10

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.2	8.2	12.2
236	25.4	20.0	30.0

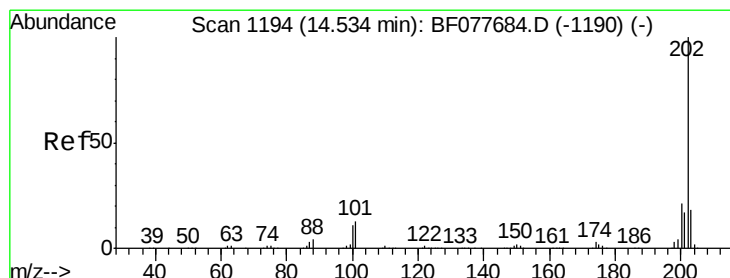
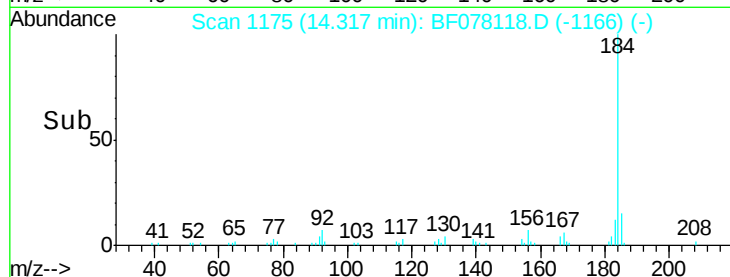
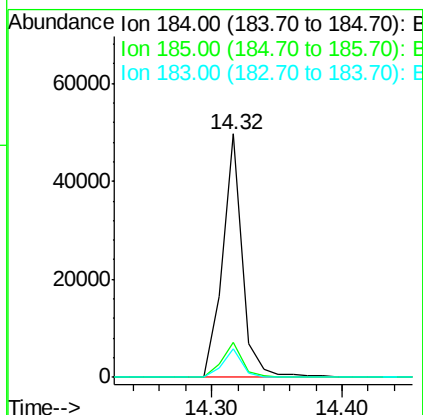
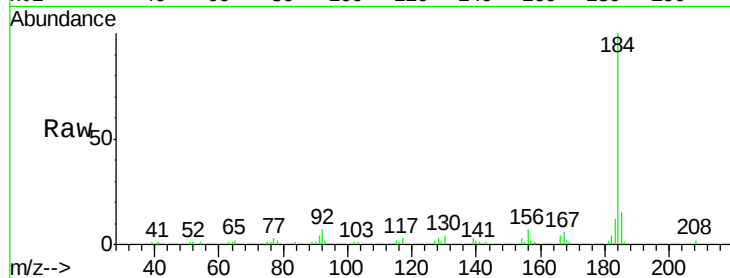




#76
Benzidine
Concen: 11.17 ng
RT: 14.32 min Scan# 1175
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

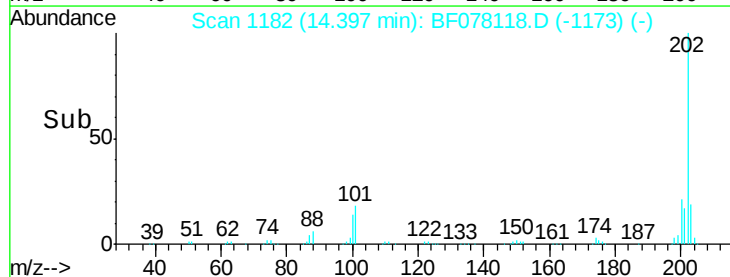
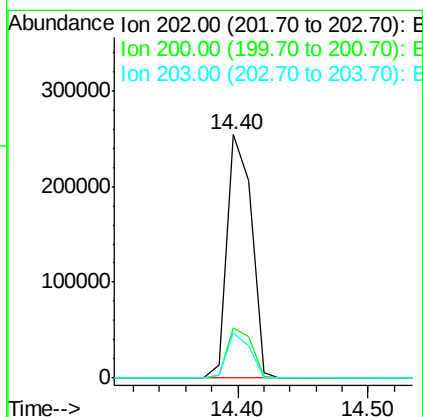
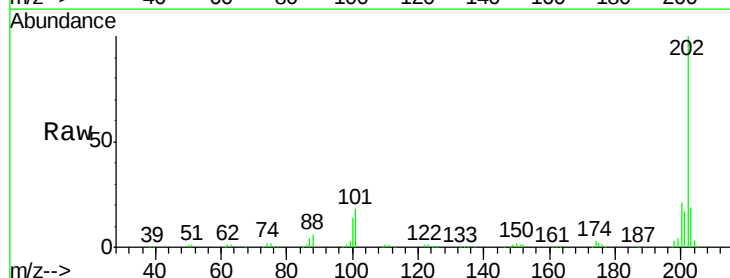
Instrument :
BNA_F
ClientSampleId :
S-11(0-10)MS

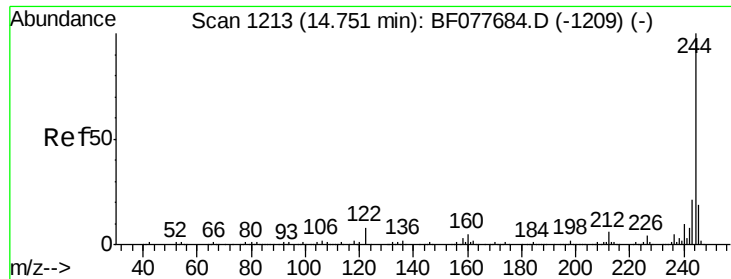
Tgt Ion:184 Resp: 52725
Ion Ratio Lower Upper
184 100
185 14.6 11.3 16.9
183 11.5 8.9 13.3



#77
Pyrene
Concen: 28.50 ng
RT: 14.40 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Tgt Ion:202 Resp: 331627
Ion Ratio Lower Upper
202 100
200 20.9 16.9 25.3
203 18.7 14.1 21.1

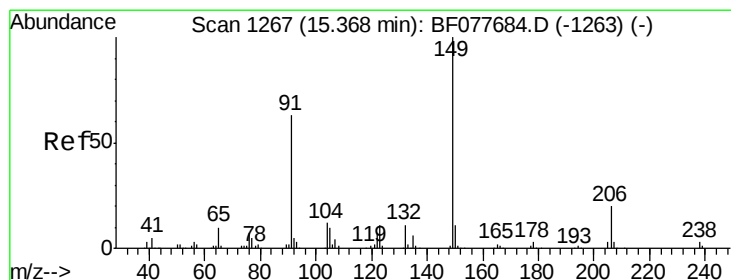
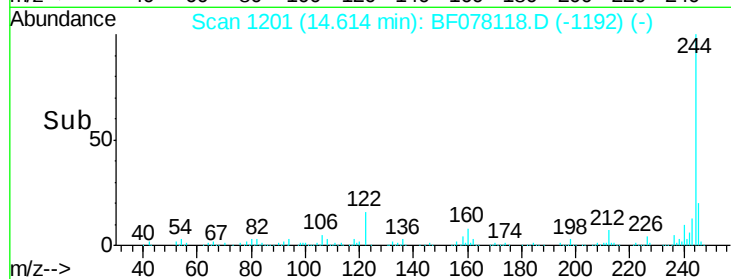
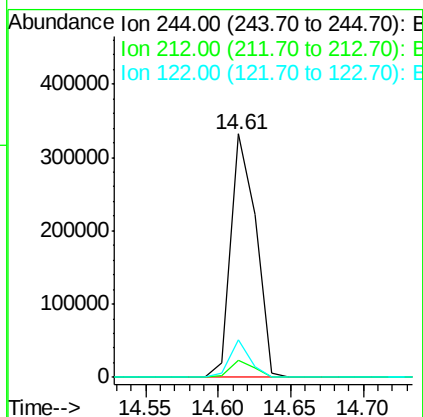
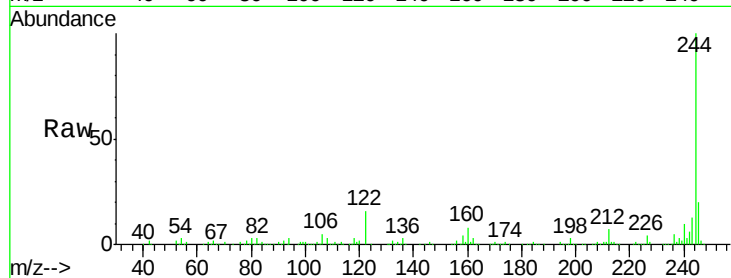




#78
 Terphenyl-d14
 Concen: 52.59 ng
 RT: 14.61 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF078118.D
 Acq: 31 Mar 2015 17:10

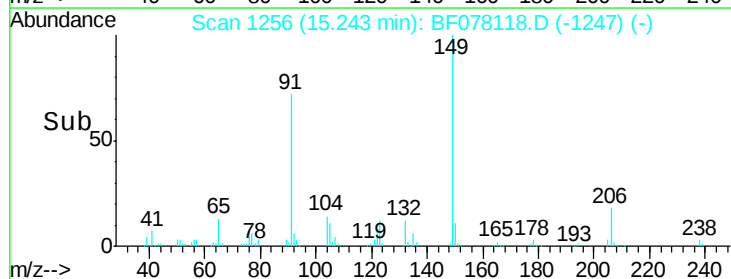
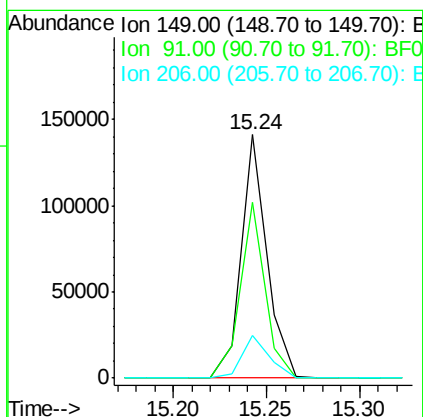
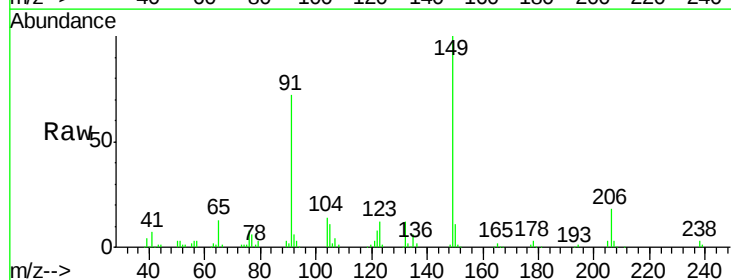
Instrument :
 BNA_F
 ClientSampleId :
 S-11(0-10)MS

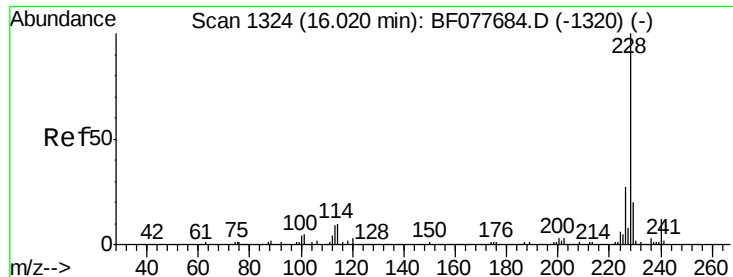
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	4.9	7.3
122	15.5	6.2	9.4



#79
 Butylbenzylphthalate
 Concen: 29.55 ng
 RT: 15.24 min Scan# 1256
 Delta R.T. 0.00 min
 Lab File: BF078118.D
 Acq: 31 Mar 2015 17:10

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.1	50.1	75.1
206	17.5	16.2	24.2

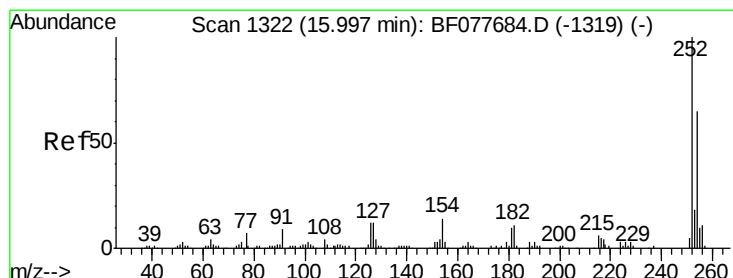
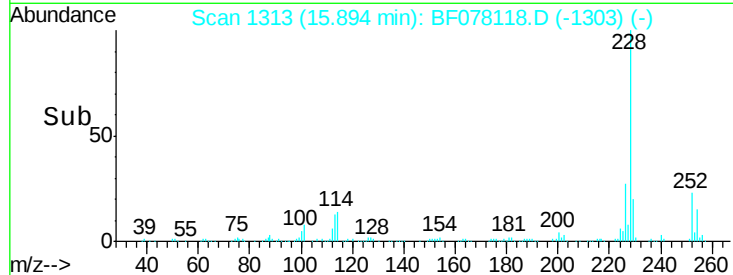
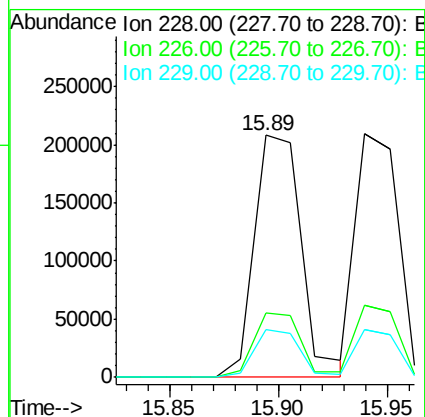
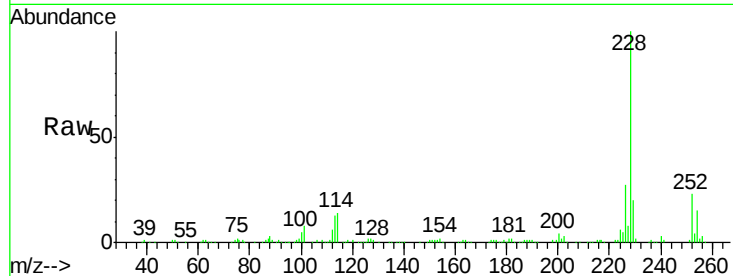




#80
Benzo(a)anthracene
Concen: 28.64 ng
RT: 15.89 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

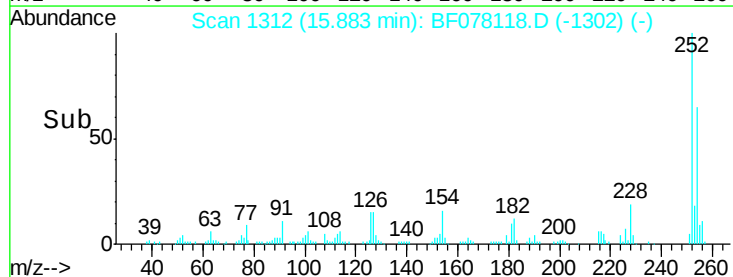
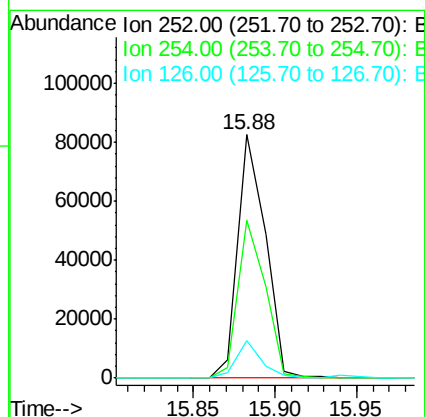
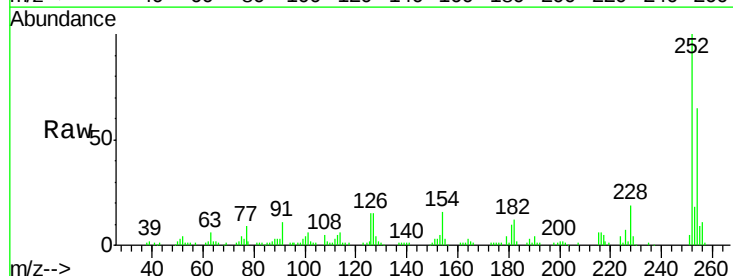
Instrument :
BNA_F
ClientSampleId :
S-11(0-10)MS

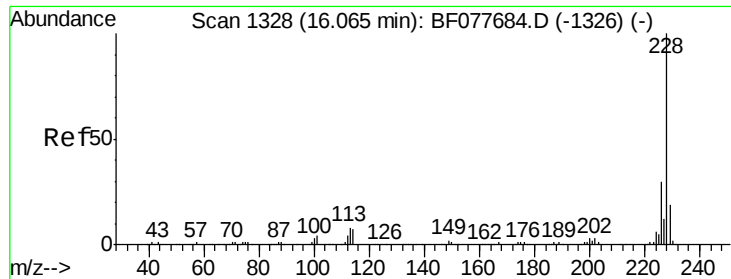
Tgt Ion:228 Resp: 314173
Ion Ratio Lower Upper
228 100
226 26.7 21.7 32.5
229 19.9 16.0 24.0



#81
3,3'-Dichlorobenzidine
Concen: 26.66 ng
RT: 15.88 min Scan# 1312
Delta R.T. 0.01 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Tgt Ion:252 Resp: 96440
Ion Ratio Lower Upper
252 100
254 64.7 51.9 77.9
126 15.2 9.8 14.8#





#82

Chrysene

Concen: 29.11 ng

RT: 15.94 min Scan# 1317

Delta R.T. 0.01 min

Lab File: BF078118.D

Acq: 31 Mar 2015 17:10

Instrument :

BNA_F

ClientSampleId :

S-11(0-10)MS

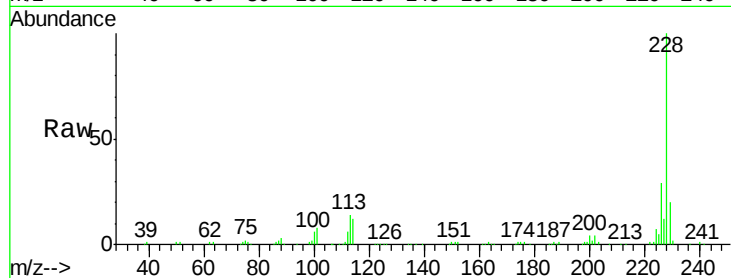
Tgt Ion:228 Resp: 287132

Ion Ratio Lower Upper

228 100

226 29.5 24.1 36.1

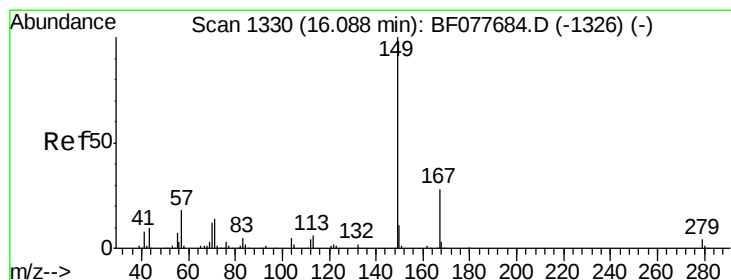
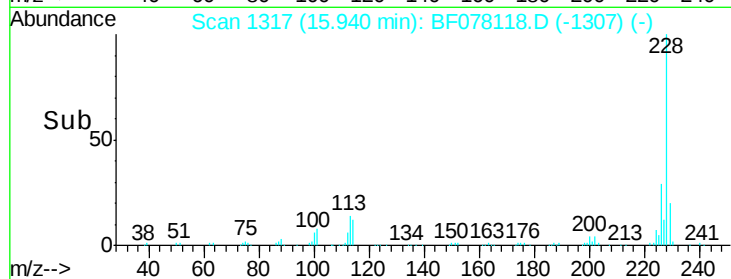
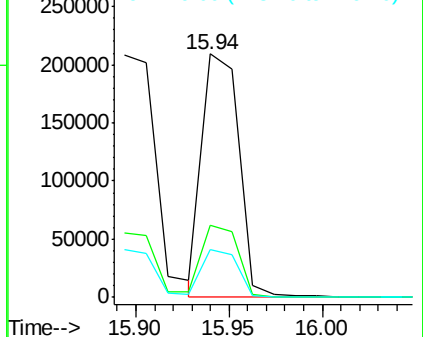
229 19.6 15.5 23.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 31.12 ng

RT: 15.97 min Scan# 1320

Delta R.T. 0.01 min

Lab File: BF078118.D

Acq: 31 Mar 2015 17:10

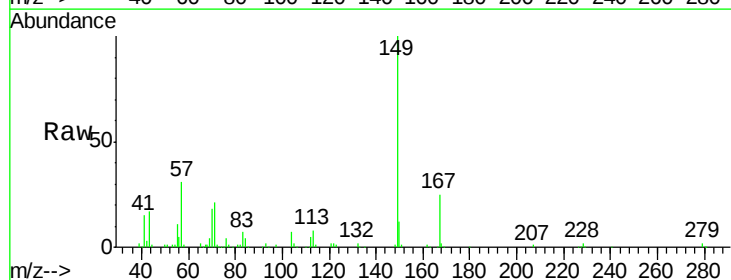
Tgt Ion:149 Resp: 216235

Ion Ratio Lower Upper

149 100

167 25.3 22.4 33.6

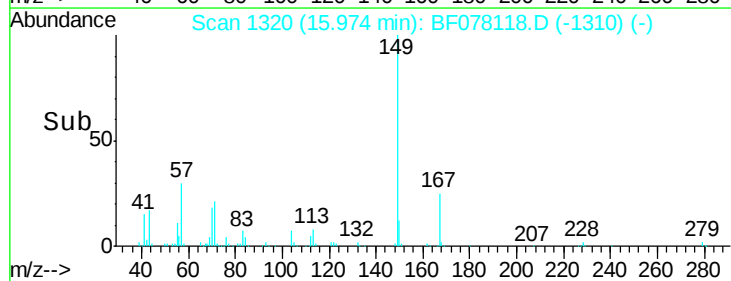
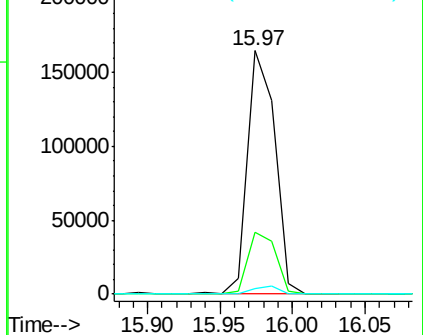
279 2.2 3.4 5.0#

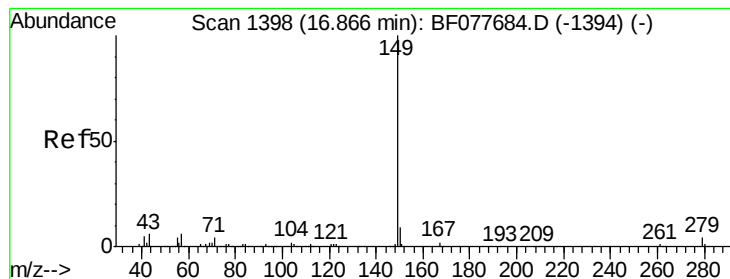


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 29.63 ng

RT: 16.80 min Scan# 1392

Delta R.T. 0.06 min

Lab File: BF078118.D

Acq: 31 Mar 2015 17:10

Instrument :

BNA_F

ClientSampleId :

S-11(0-10)MS

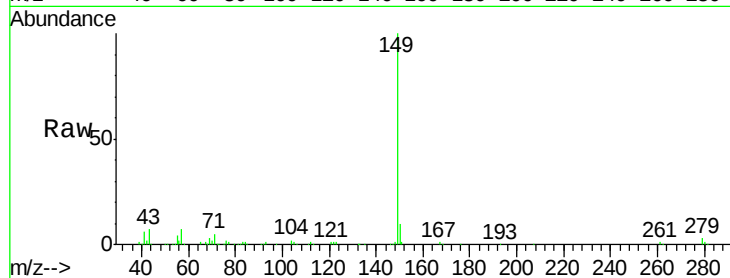
Tgt Ion:149 Resp: 351992

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

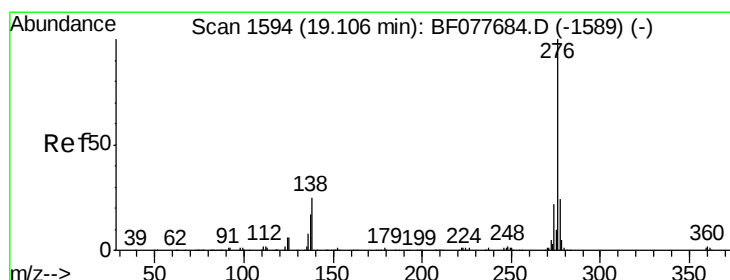
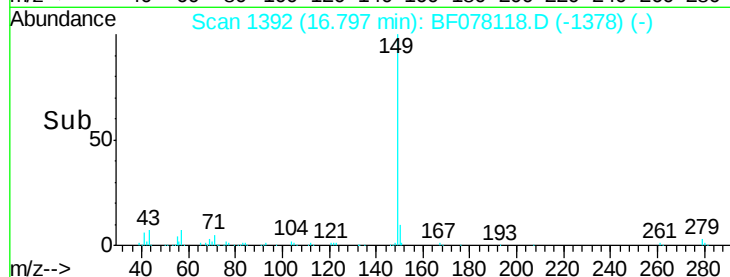
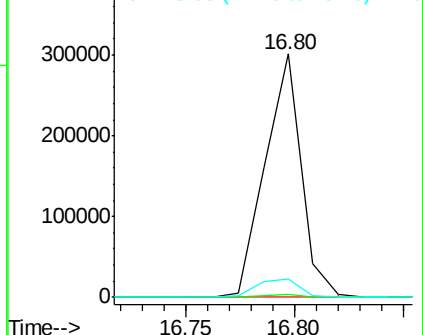
43 9.2 7.3 10.9



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: 24.43 ng

RT: 19.04 min Scan# 1588

Delta R.T. 0.10 min

Lab File: BF078118.D

Acq: 31 Mar 2015 17:10

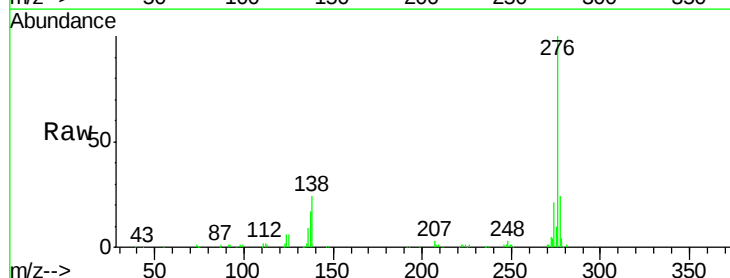
Tgt Ion:276 Resp: 300749

Ion Ratio Lower Upper

276 100

138 28.5 0.0 0.0#

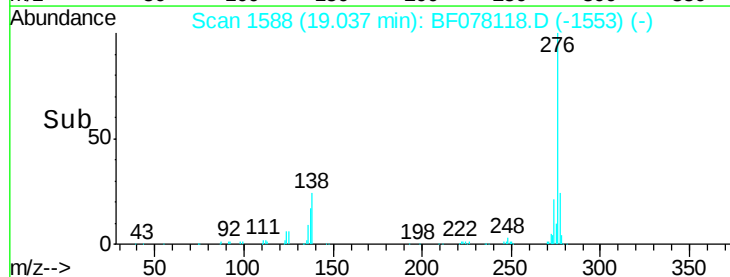
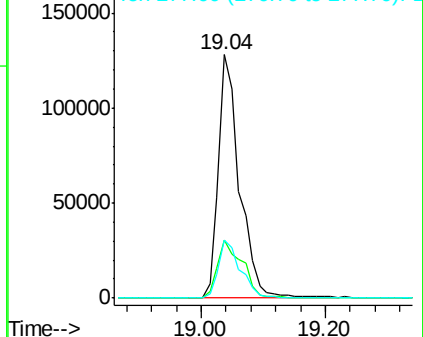
277 24.8 0.0 0.0#

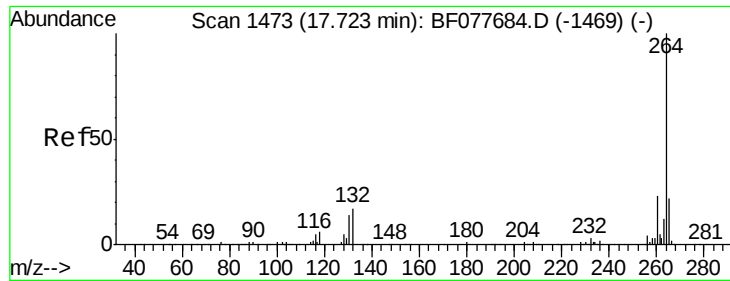


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

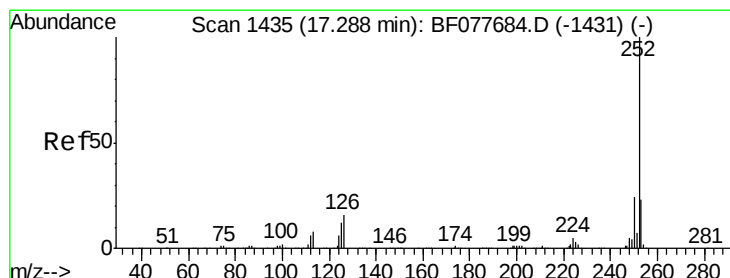
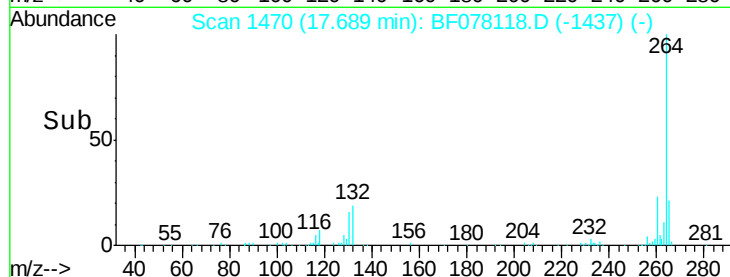
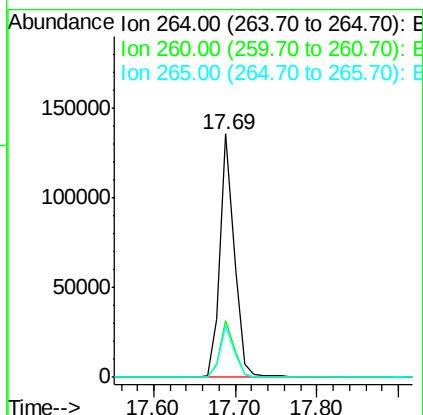
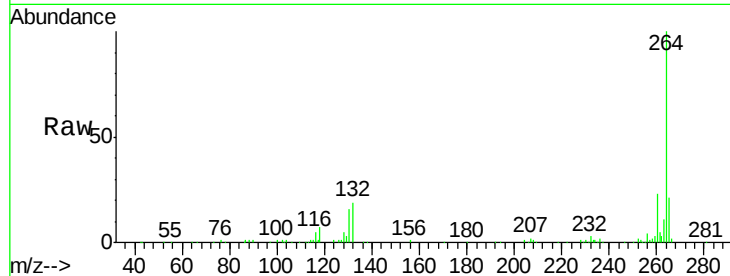




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.69 min Scan# 1470
Delta R.T. 0.08 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

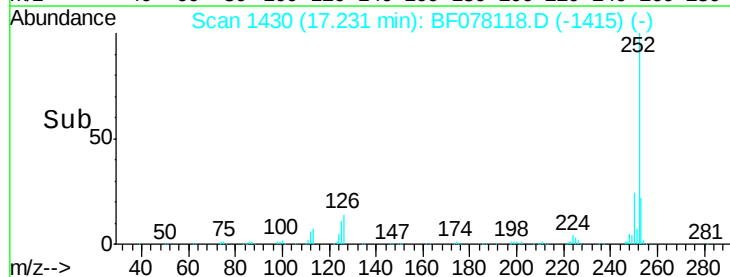
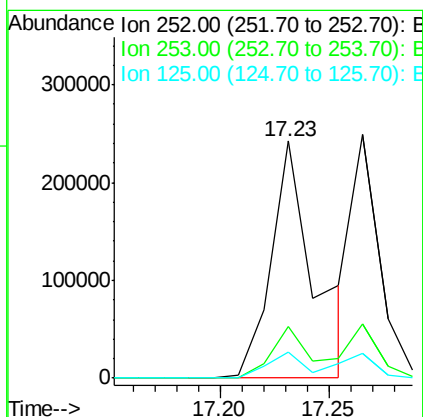
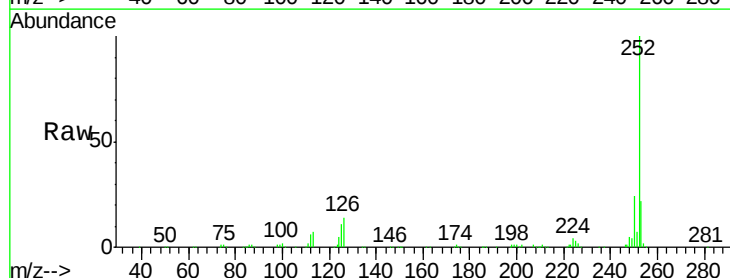
Instrument :
BNA_F
ClientSampleId :
S-11(0-10)MS

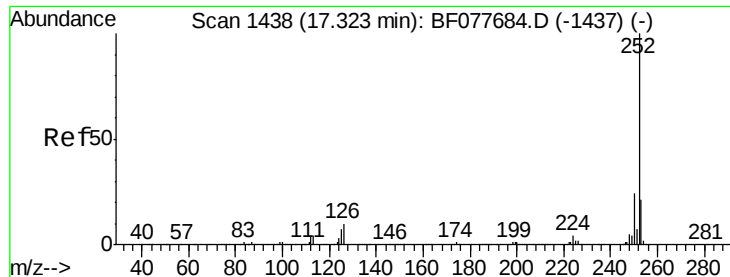
Tgt Ion: 264 Resp: 165425
Ion Ratio Lower Upper
264 100
260 23.3 18.6 27.8
265 21.4 17.3 25.9



#87
Benzo(b)fluoranthene
Concen: 31.21 ng
RT: 17.23 min Scan# 1430
Delta R.T. 0.07 min
Lab File: BF078118.D
Acq: 31 Mar 2015 17:10

Tgt Ion: 252 Resp: 337089
Ion Ratio Lower Upper
252 100
253 21.8 18.0 27.0
125 10.8 9.9 14.9





#88

Benzo(k)fluoranthene

Concen: 39.96 ng

RT: 17.23 min Scan# 1430

Delta R.T. 0.03 min

Lab File: BF078118.D

Acq: 31 Mar 2015 17:10

Instrument :

BNA_F

ClientSampleId :

S-11(0-10)MS

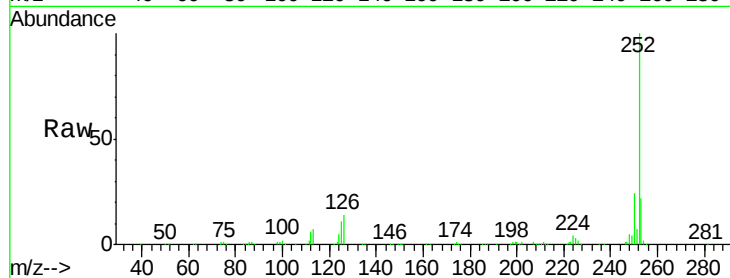
Tgt Ion:252 Resp: 337073

Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

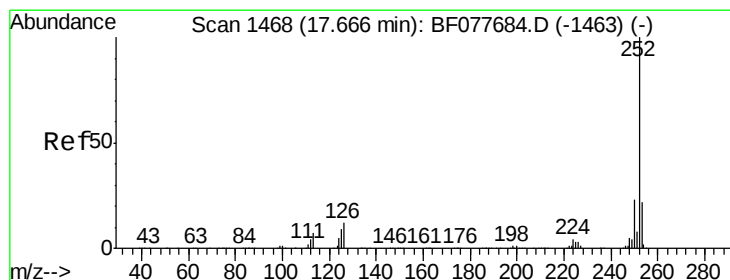
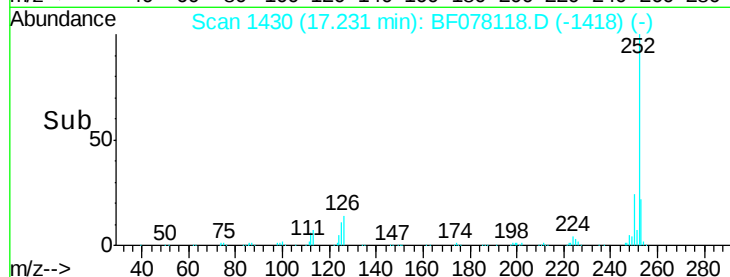
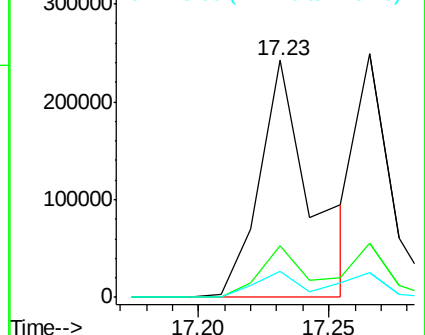
125 10.8 8.1 12.1



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: 29.19 ng

RT: 17.62 min Scan# 1464

Delta R.T. 0.08 min

Lab File: BF078118.D

Acq: 31 Mar 2015 17:10

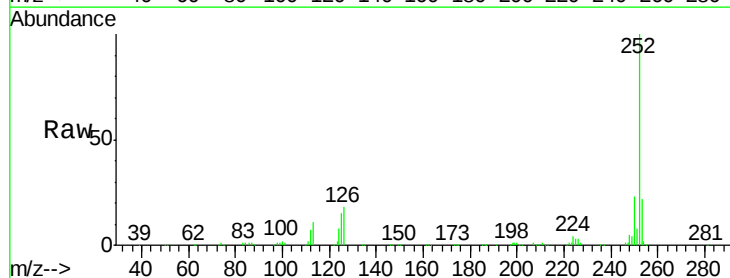
Tgt Ion:252 Resp: 263003

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

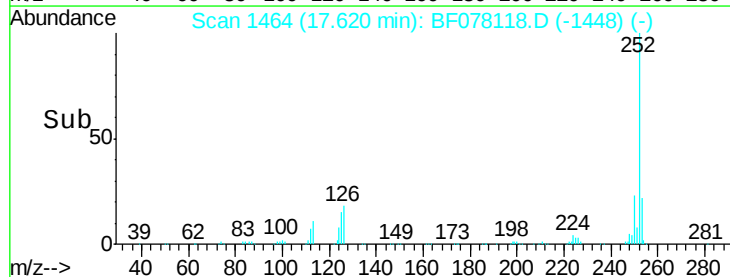
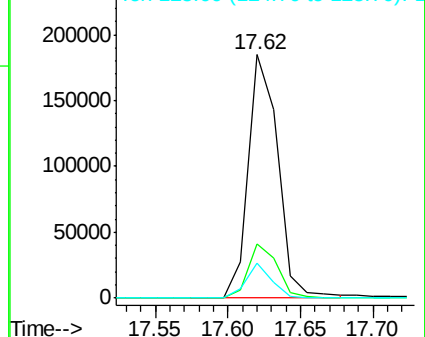
125 14.6 7.4 11.2#

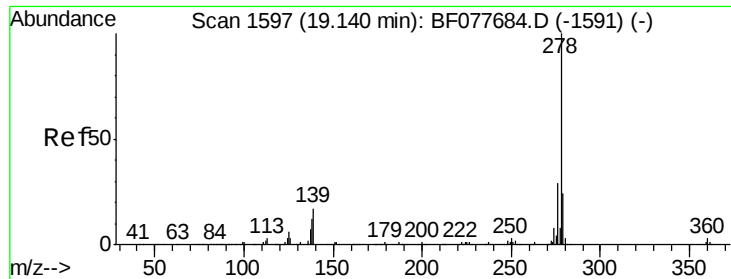


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 26.30 ng

RT: 19.07 min Scan# 1591

Delta R.T. 0.11 min

Lab File: BF078118.D

Acq: 31 Mar 2015 17:10

Instrument :

BNA_F

ClientSampleId :

S-11(0-10)MS

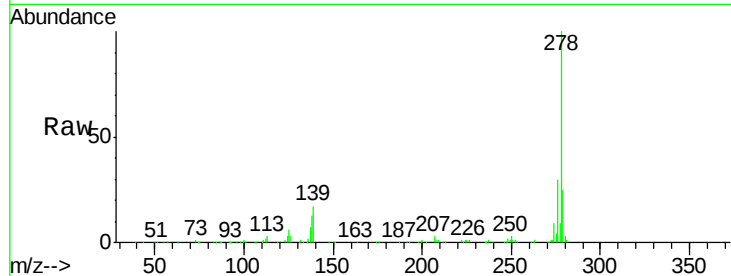
Tgt Ion:278 Resp: 235033

Ion Ratio Lower Upper

278 100

139 16.6 13.4 20.0

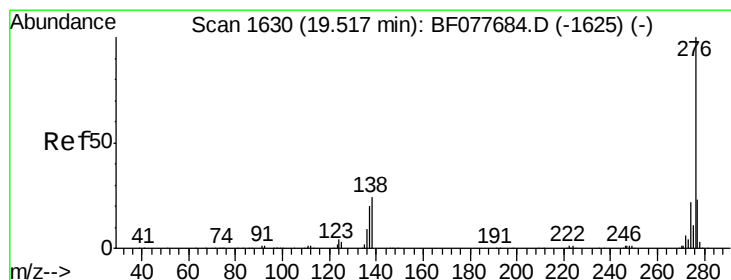
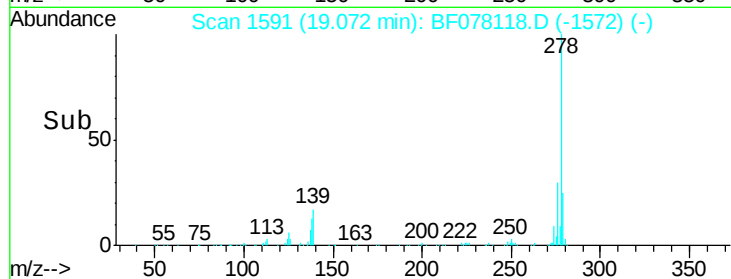
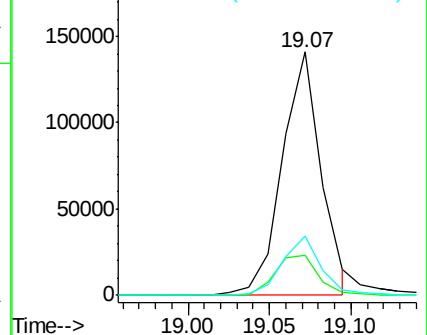
279 24.5 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 26.19 ng

RT: 19.43 min Scan# 1622

Delta R.T. 0.10 min

Lab File: BF078118.D

Acq: 31 Mar 2015 17:10

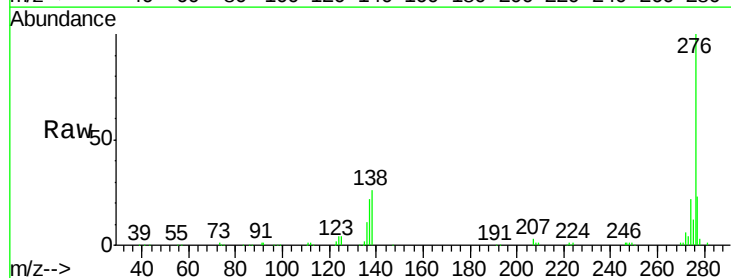
Tgt Ion:276 Resp: 238280

Ion Ratio Lower Upper

276 100

277 23.2 18.5 27.7

138 25.9 19.0 28.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

