

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040915\
 Data File : BF078359.D
 Acq On : 9 Apr 2015 14:02
 Operator : TP/IZ
 Sample : PB82625BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82625BS

Quant Time: Apr 10 01:12:31 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 10 00:58:40 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	27783	20.00	ng	0.00
21) Naphthalene-d8	8.46	136	116709	20.00	ng	0.00
38) Acenaphthene-d10	10.62	164	60282	20.00	ng	0.00
63) Phenanthrene-d10	12.45	188	110663	20.00	ng	0.00
75) Chrysene-d12	15.77	240	109486	20.00	ng	0.05
86) Perylene-d12	17.63	264	102013	20.00	ng	0.15

System Monitoring Compounds

5) 2-Fluorophenol	5.15	112	158558	94.10	ng	0.00
7) Phenol-d6	6.49	99	210176	99.53	ng	0.00
23) Nitrobenzene-d5	7.58	82	152359	79.13	ng	0.00
41) 2,4,6-Tribromophenol	11.61	330	51260	102.53	ng	0.00
44) 2-Fluorobiphenyl	9.81	172	335142	79.47	ng	0.00
78) Terphenyl-d14	14.44	244	372936	76.97	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.72	88	25336	33.25	ng	92
3) Pyridine	2.32	79	91255	45.72	ng	96
4) n-Nitrosodimethylamine	2.26	42	31294	40.73	ng	94
6) Aniline	6.48	93	71864	24.00	ng	93
8) 2-Chlorophenol	6.62	128	94287	47.32	ng	91
9) Benzaldehyde	6.33	77	30890	22.07	ng	98
10) Phenol	6.50	94	119956	47.41	ng	96
11) bis(2-Chloroethyl)ether	6.59	93	85384	46.92	ng	97
12) 1,3-Dichlorobenzene	6.81	146	97795	44.68	ng	# 91
13) 1,4-Dichlorobenzene	6.91	146	98285	44.61	ng	94
14) 1,2-Dichlorobenzene	7.09	146	90934	44.02	ng	92
15) Benzyl Alcohol	7.08	79	75941	51.17	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.26	45	114580	47.21	ng	97
17) 2-Methylphenol	7.25	107	74931	48.44	ng	97
18) Hexachloroethane	7.50	117	35272	47.48	ng	# 87
19) n-Nitroso-di-n-propylamine	7.42	70	66323	47.60	ng	99
20) 3+4-Methylphenols	7.45	107	100624	48.76	ng	92
22) Acetophenone	7.40	105	131804	48.47	ng	# 90
24) Nitrobenzene	7.61	77	94186	46.79	ng	# 83
25) Isophorone	7.92	82	170984	46.79	ng	99
26) 2-Nitrophenol	8.01	139	46941	48.94	ng	97
27) 2,4-Dimethylphenol	8.09	122	84056	47.13	ng	95
28) bis(2-Chloroethoxy)methane	8.20	93	106237	45.34	ng	98
29) 2,4-Dichlorophenol	8.32	162	81163	50.02	ng	96
30) 1,2,4-Trichlorobenzene	8.40	180	80181	43.10	ng	# 95
31) Naphthalene	8.49	128	267834	44.09	ng	99
32) Benzoic acid	8.22	122	49174	57.34	ng	92
33) 4-Chloroaniline	8.58	127	70247	27.87	ng	99
34) Hexachlorobutadiene	8.65	225	46485	45.50	ng	98
35) Caprolactam	9.01	113	25785	53.23	ng	87
36) 4-Chloro-3-methylphenol	9.21	107	85807	52.41	ng	# 87
37) 2-Methylnaphthalene	9.34	142	184315	44.69	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.55	216	78016	41.77	ng	# 97
40) Hexachlorocyclopentadiene	9.54	237	76165	93.47	ng	98

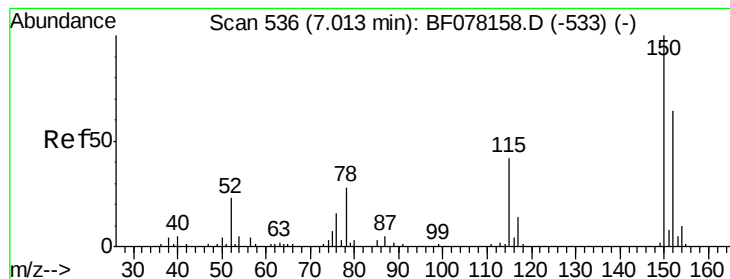
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040915\
 Data File : BF078359.D
 Acq On : 9 Apr 2015 14:02
 Operator : TP/IZ
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 QLast Update : Fri Apr 10 00:58:40 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.71	196	58471	49.64	ng	99
43) 2,4,5-Trichlorophenol	9.76	196	59775	48.57	ng	95
45) 1,1'-Biphenyl	9.93	154	220948	44.81	ng	97
46) 2-Chloronaphthalene	9.95	162	171763	44.27	ng	94
47) 2-Nitroaniline	10.09	65	49066	51.12	ng	# 82
48) Acenaphthylene	10.45	152	283575	45.26	ng	99
49) Dimethylphthalate	10.33	163	206532	45.60	ng	98
50) 2,6-Dinitrotoluene	10.40	165	43050	46.20	ng	# 46
51) Acenaphthene	10.66	154	161813	45.88	ng	98
52) 3-Nitroaniline	10.60	138	35249	33.27	ng	84
53) 2,4-Dinitrophenol	10.74	184	34135	89.17	ng	# 88
54) Dibenzofuran	10.88	168	254156	47.18	ng	97
55) 4-Nitrophenol	10.84	139	72274	92.21	ng	86
56) 2,4-Dinitrotoluene	10.89	165	57602	47.73	ng	# 55
57) Fluorene	11.30	166	206891	47.38	ng	100
58) 2,3,4,6-Tetrachlorophenol	11.05	232	45054	49.38	ng	98
59) Diethylphthalate	11.21	149	199213	45.62	ng	98
60) 4-Chlorophenyl-phenylether	11.32	204	95521	47.55	ng	92
61) 4-Nitroaniline	11.34	138	42892	40.05	ng	92
62) Azobenzene	11.52	77	212113	53.22	ng	85
64) 4,6-Dinitro-2-methylphenol	11.39	198	23968	44.41	ng	# 74
65) n-Nitrosodiphenylamine	11.47	169	177762	46.44	ng	99
66) 4-Bromophenyl-phenylether	11.92	248	54459	46.47	ng	97
67) Hexachlorobenzene	11.97	284	61196	47.65	ng	# 92
68) Atrazine	12.15	200	54607	49.25	ng	97
69) Pentachlorophenol	12.23	266	55513	95.78	ng	100
70) Phenanthrene	12.48	178	295669	46.19	ng	99
71) Anthracene	12.55	178	307748	48.79	ng	100
72) Carbazole	12.76	167	288269	48.76	ng	99
73) Di-n-butylphthalate	13.22	149	326174	48.71	ng	99
74) Fluoranthene	13.95	202	317837	47.08	ng	90
76) Benzidine	14.13	184	141184	33.49	ng	98
77) Pyrene	14.23	202	341458	49.68	ng	100
79) Butylbenzylphthalate	15.09	149	138669	52.94	ng	# 77
80) Benzo(a)anthracene	15.76	228	303660	46.62	ng	99
81) 3,3'-Dichlorobenzidine	15.75	252	66935	30.68	ng	# 97
82) Chrysene	15.80	228	289684	47.33	ng	99
83) Bis(2-ethylhexyl)phthalate	15.86	149	201177	48.97	ng	98
85) Indeno(1,2,3-cd)pyrene	18.99	276	313074	45.08	ng	# 85
87) Benzo(b)fluoranthene	17.19	252	219189	34.77	ng	# 98
88) Benzo(k)fluoranthene	17.19	252	225817	40.30	ng	# 96
89) Benzo(a)pyrene	17.56	252	279956	50.88	ng	# 95

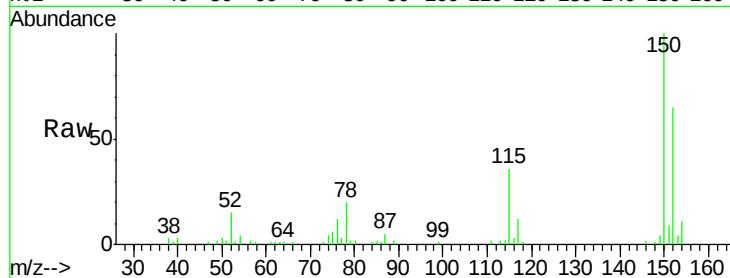
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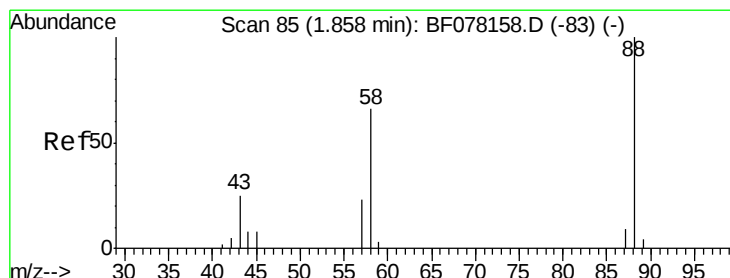
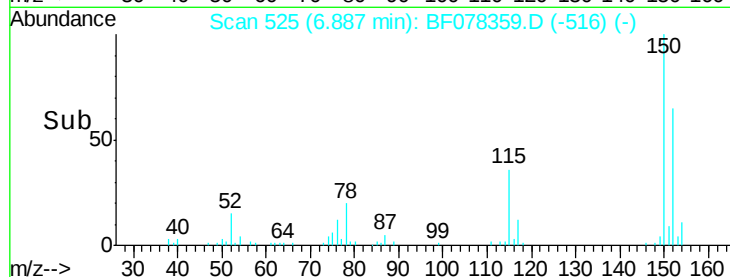
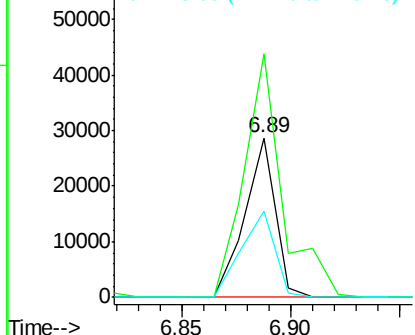
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.89 min Scan# 525
 Delta R.T. 0.00 min
 Lab File: BF078359.D
 Acq: 9 Apr 2015 14:02

Instrument :
 BNA_F
 ClientSampleId :
 PB82625BS

Tgt Ion:152 Resp: 27783
 Ion Ratio Lower Upper
 152 100
 150 152.9 125.9 188.9
 115 54.4 52.7 79.1

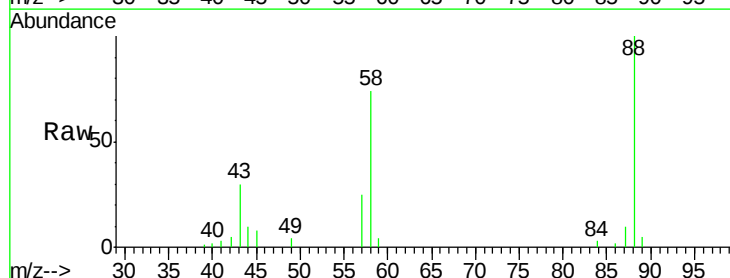


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

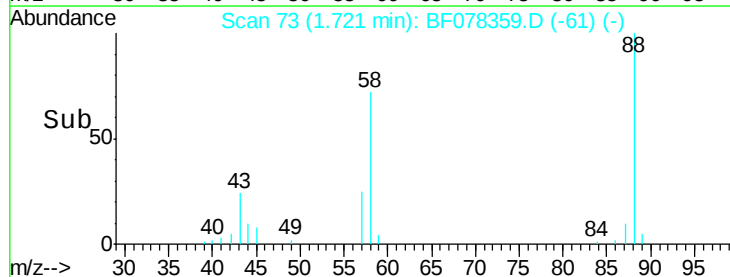
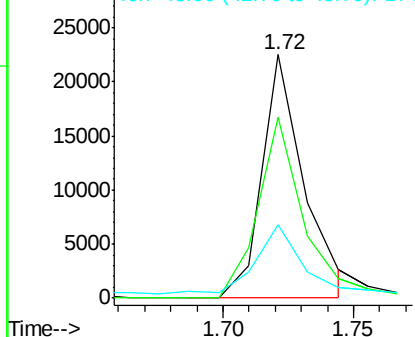


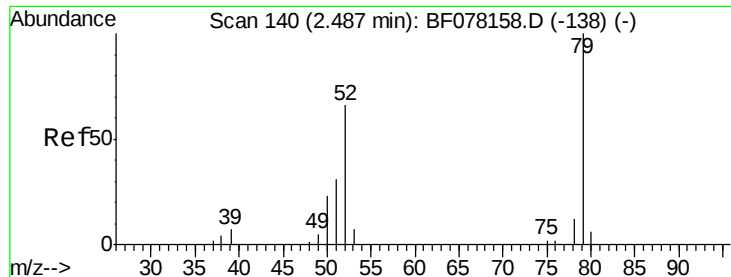
#2
 1,4-Dioxane
 Concen: 33.25 ng
 RT: 1.72 min Scan# 73
 Delta R.T. 0.03 min
 Lab File: BF078359.D
 Acq: 9 Apr 2015 14:02

Tgt Ion: 88 Resp: 25336
 Ion Ratio Lower Upper
 88 100
 58 78.4 56.9 85.3
 43 29.5 21.4 32.2



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: 45.72 ng

RT: 2.32 min Scan# 125

Delta R.T. 0.02 min

Lab File: BF078359.D

Acq: 9 Apr 2015 14:02

Instrument :

BNA_F

ClientSampleId :

PB82625BS

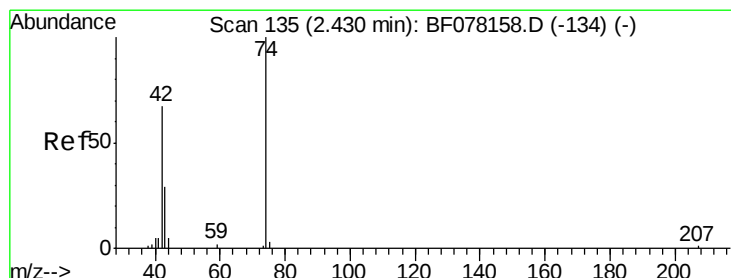
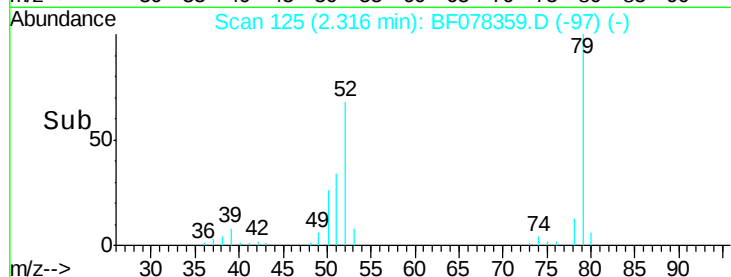
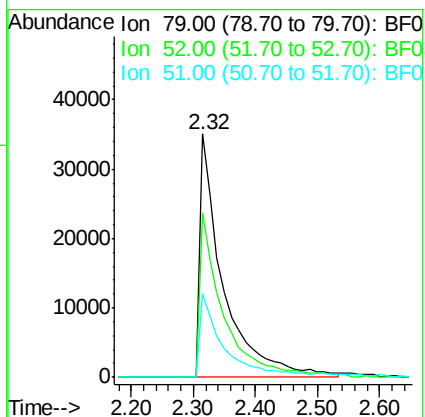
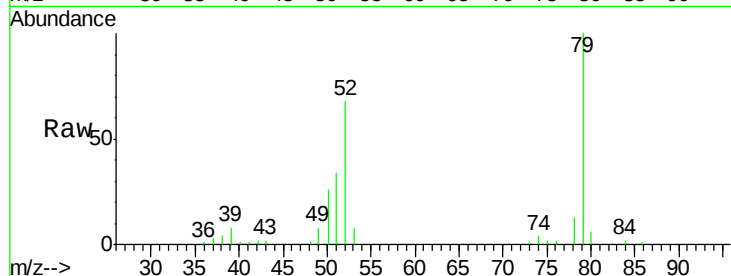
Tgt Ion: 79 Resp: 91255

Ion Ratio Lower Upper

79 100

52 67.7 52.4 78.6

51 34.2 24.9 37.3



#4

n-Nitrosodimethylamine

Concen: 40.73 ng

RT: 2.26 min Scan# 120

Delta R.T. 0.02 min

Lab File: BF078359.D

Acq: 9 Apr 2015 14:02

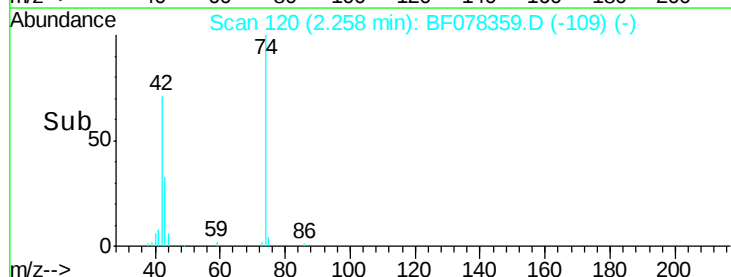
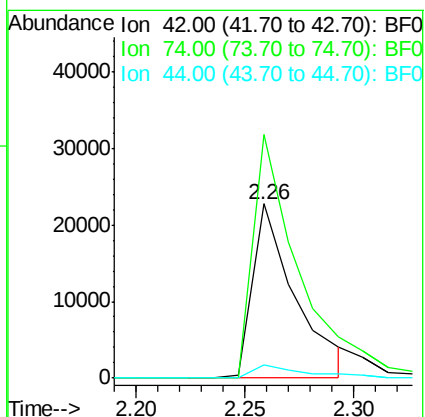
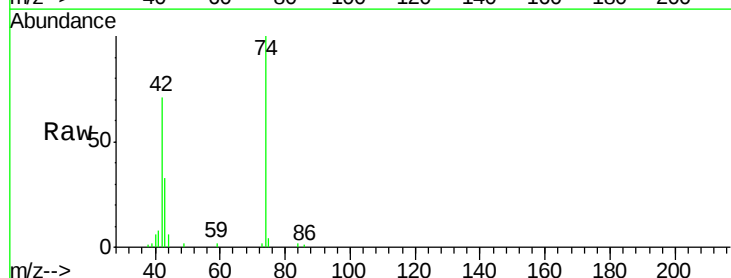
Tgt Ion: 42 Resp: 31294

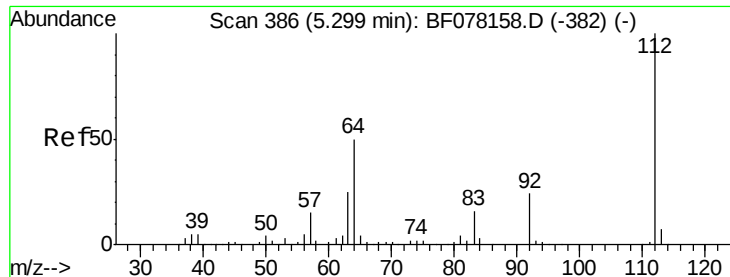
Ion Ratio Lower Upper

42 100

74 139.9 118.7 178.1

44 7.8 5.9 8.9





#5

2-Fluorophenol

Concen: 94.10 ng

RT: 5.15 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF078359.D

Acq: 9 Apr 2015 14:02

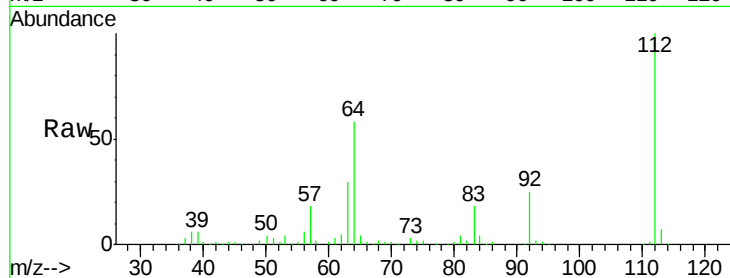
Instrument :

BNA_F

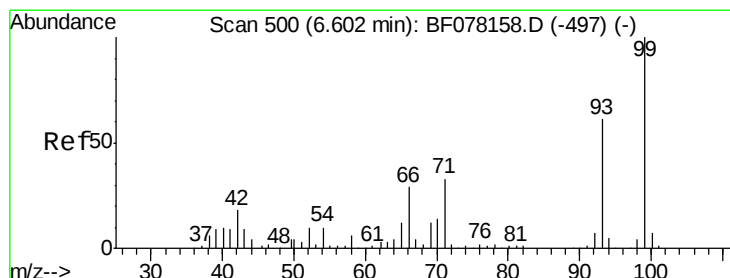
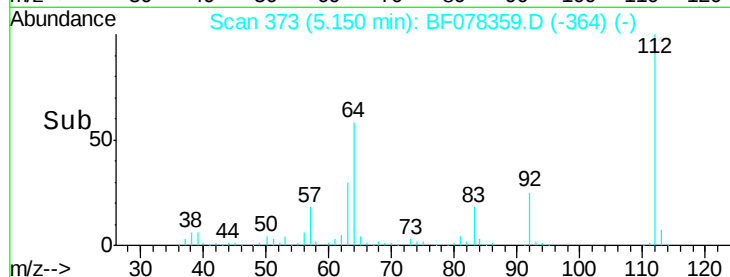
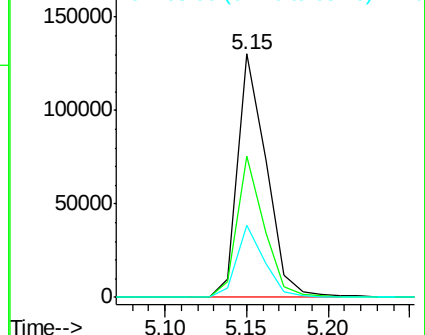
ClientSampleId :

PB82625BS

Tgt Ion:	112	Resp:	158558
Ion	Ratio	Lower	Upper
112	100		
64	58.0	39.9	59.9
63	29.6	20.2	30.4



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 24.00 ng

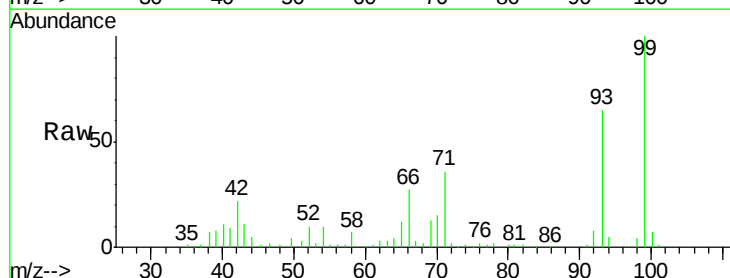
RT: 6.48 min Scan# 489

Delta R.T. 0.00 min

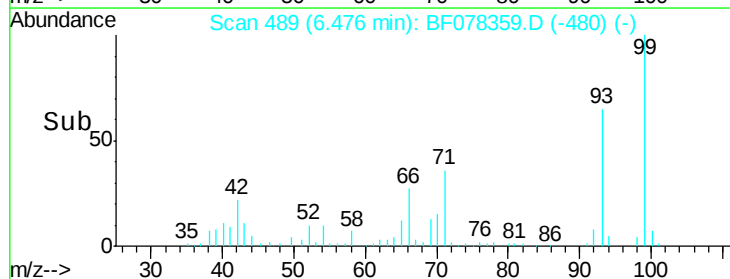
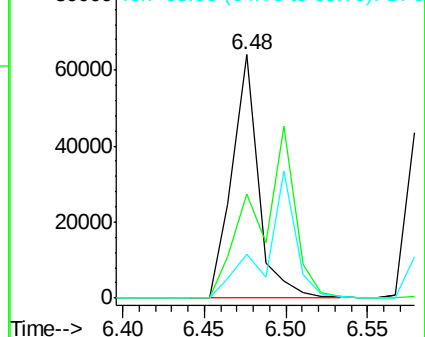
Lab File: BF078359.D

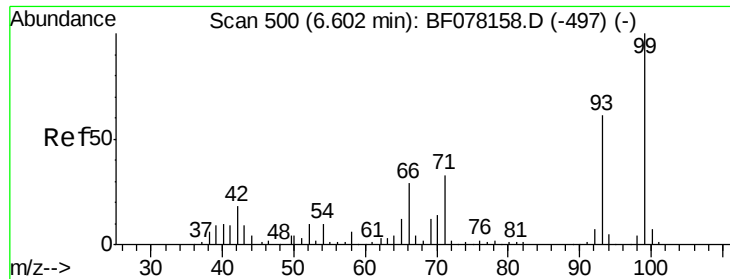
Acq: 9 Apr 2015 14:02

Tgt Ion:	93	Resp:	71864
Ion	Ratio	Lower	Upper
93	100		
66	42.5	38.0	57.0
65	18.1	16.3	24.5



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 99.53 ng

RT: 6.49 min Scan# 490

Delta R.T. 0.00 min

Lab File: BF078359.D

Acq: 9 Apr 2015 14:02

Instrument :

BNA_F

ClientSampleId :

PB82625BS

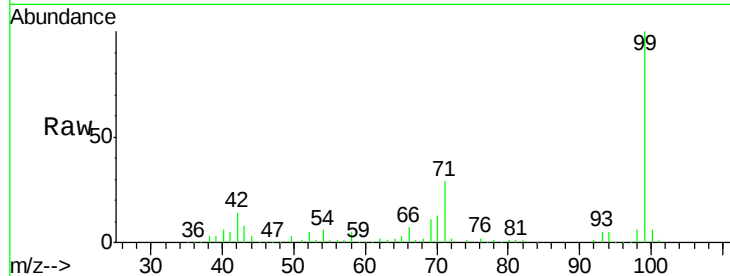
Tgt Ion: 99 Resp: 210176

Ion Ratio Lower Upper

99 100

42 14.4 14.8 22.2#

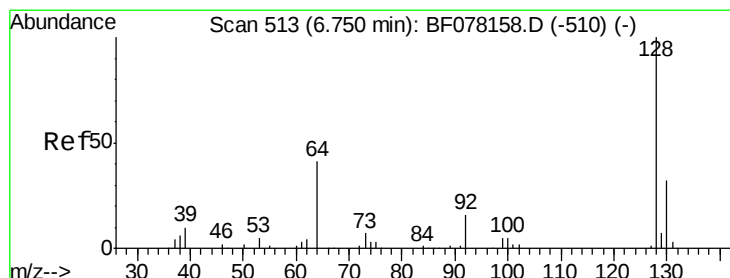
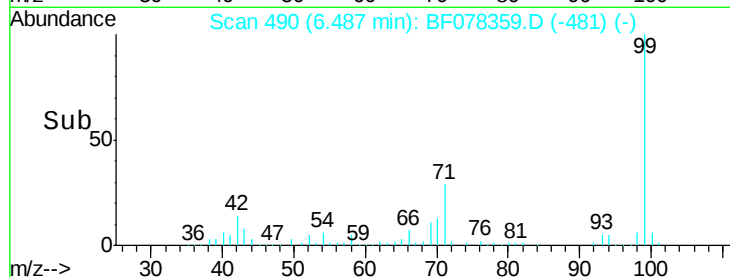
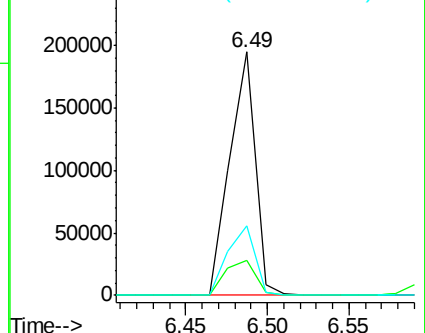
71 28.8 26.6 39.8



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: 47.32 ng

RT: 6.62 min Scan# 502

Delta R.T. 0.00 min

Lab File: BF078359.D

Acq: 9 Apr 2015 14:02

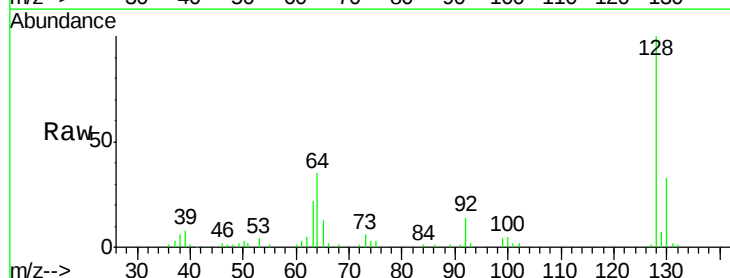
Tgt Ion: 128 Resp: 94287

Ion Ratio Lower Upper

128 100

130 33.4 12.3 52.3

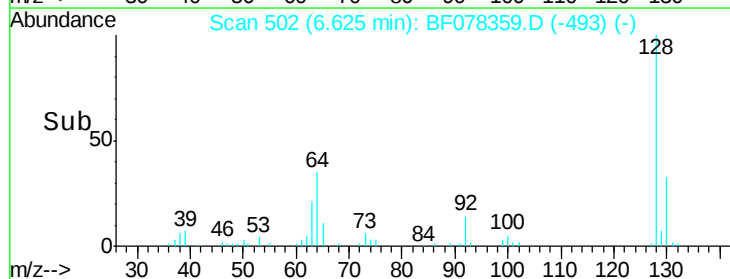
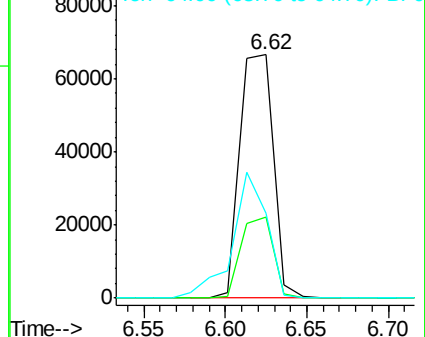
64 34.9 23.8 63.8

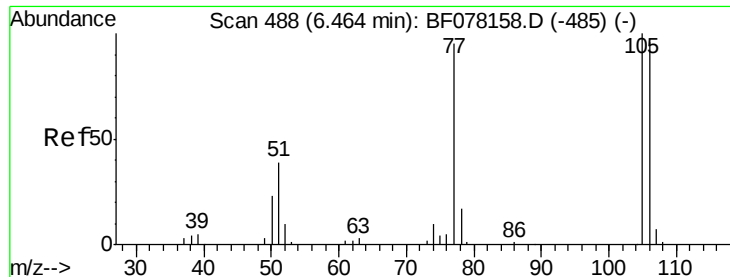


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 22.07 ng

RT: 6.33 min Scan# 476

Delta R.T. 0.00 min

Lab File: BF078359.D

Acq: 9 Apr 2015 14:02

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BNA_F

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PB82625BS

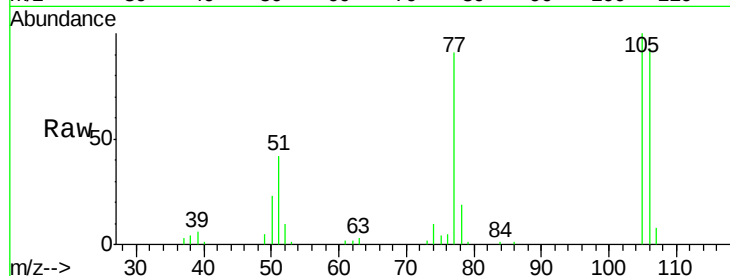
Tgt Ion: 77 Resp: 30890

Ion Ratio Lower Upper

77 100

105 109.7 85.4 125.4

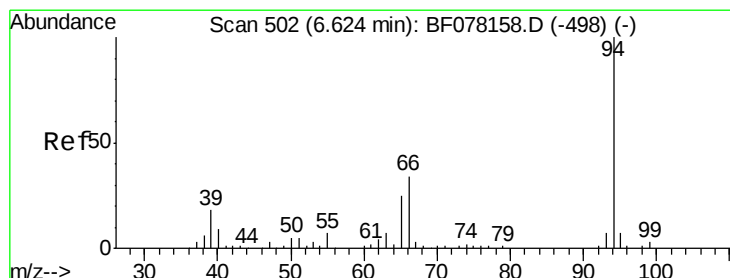
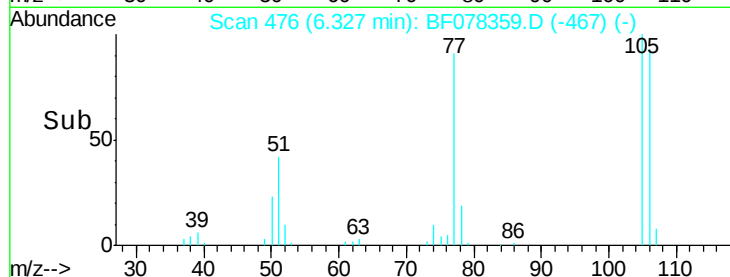
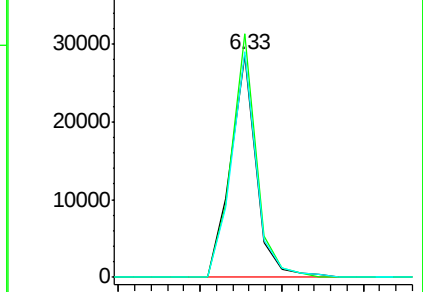
106 101.5 80.8 120.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 47.41 ng

RT: 6.50 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF078359.D

Acq: 9 Apr 2015 14:02

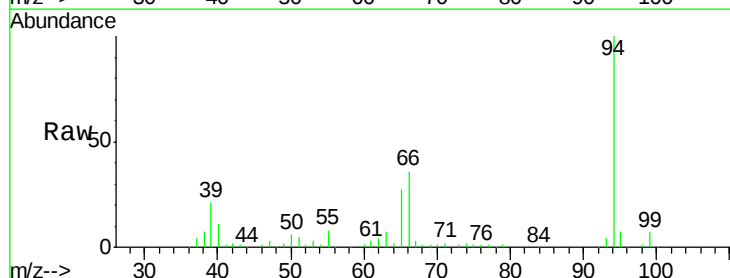
Tgt Ion: 94 Resp: 119956

Ion Ratio Lower Upper

94 100

65 26.7 4.9 44.9

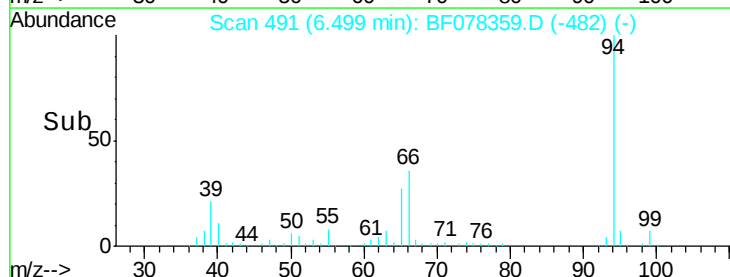
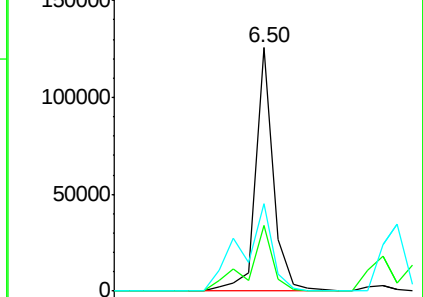
66 36.0 13.8 53.8

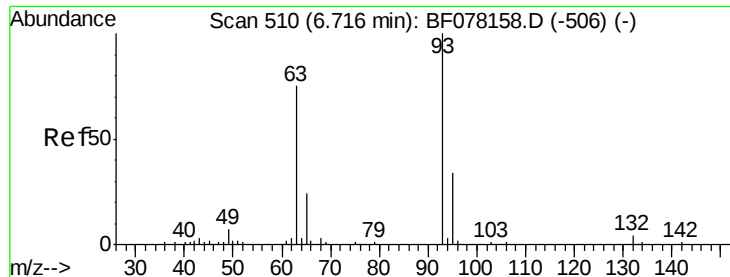


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

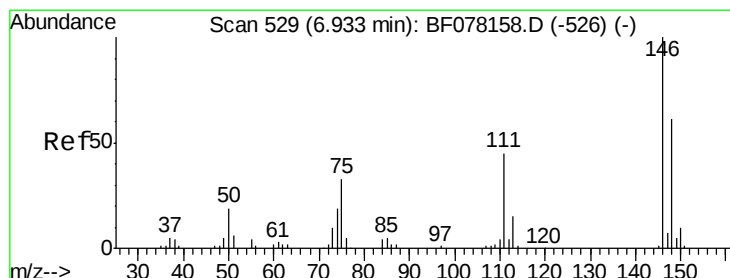
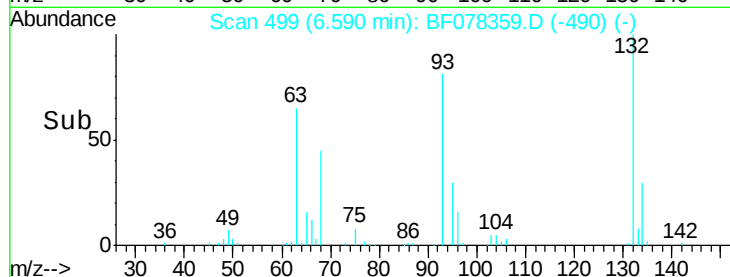
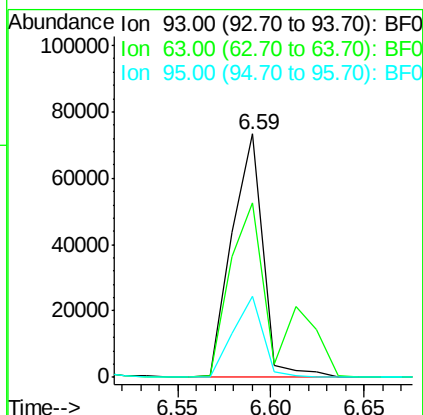
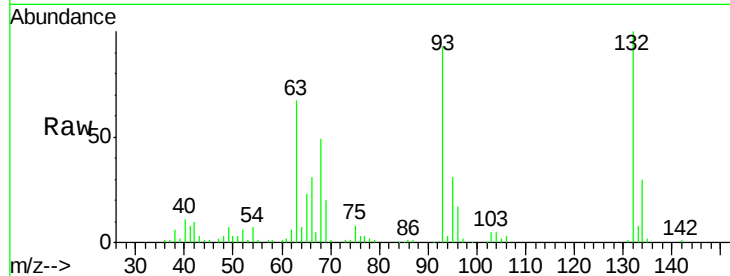




#11
bis(2-Chloroethyl)ether
Concen: 46.92 ng
RT: 6.59 min Scan# 499
Delta R.T. 0.00 min
Lab File: BF078359.D
Acq: 9 Apr 2015 14:02

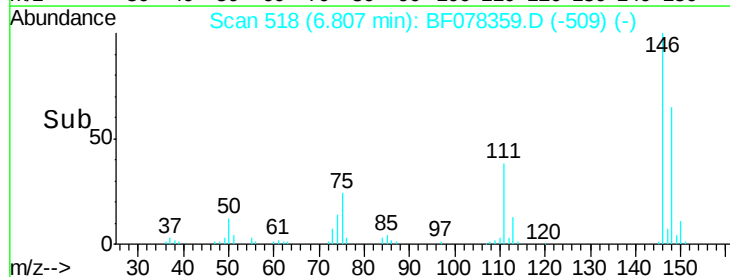
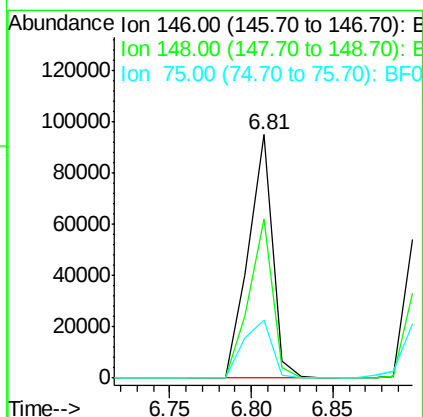
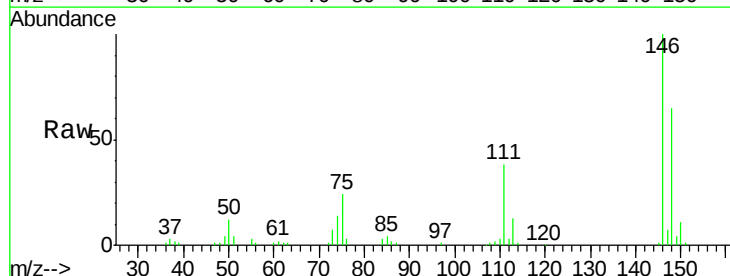
Instrument :
BNA_F
ClientSampleId :
PB82625BS

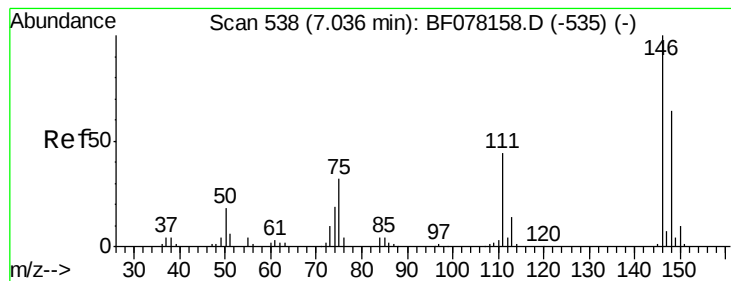
Tgt Ion: 93 Resp: 85384
Ion Ratio Lower Upper
93 100
63 71.7 54.6 94.6
95 33.2 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 44.68 ng
RT: 6.81 min Scan# 518
Delta R.T. 0.00 min
Lab File: BF078359.D
Acq: 9 Apr 2015 14:02

Tgt Ion: 146 Resp: 97795
Ion Ratio Lower Upper
146 100
148 65.1 49.1 73.7
75 24.0 26.6 40.0#





#13

1,4-Dichlorobenzene

Concen: 44.61 ng

RT: 6.91 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF078359.D

Acq: 9 Apr 2015 14:02

Instrument :

BNA_F

ClientSampleId :

PB82625BS

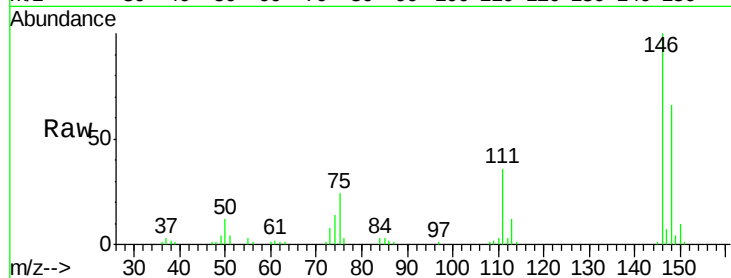
Tgt Ion:146 Resp: 98285

Ion Ratio Lower Upper

146 100

148 66.2 51.4 77.0

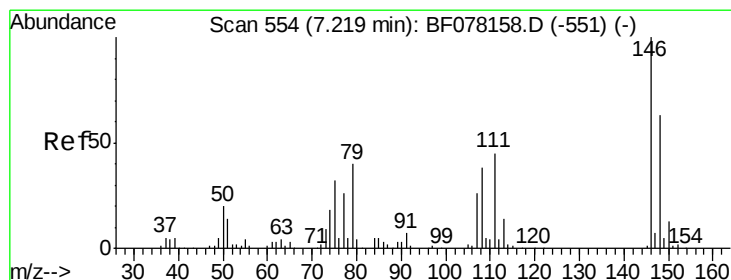
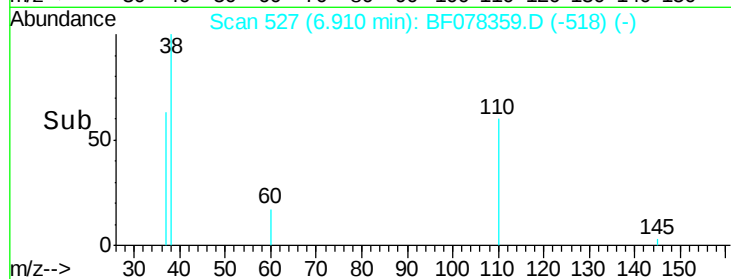
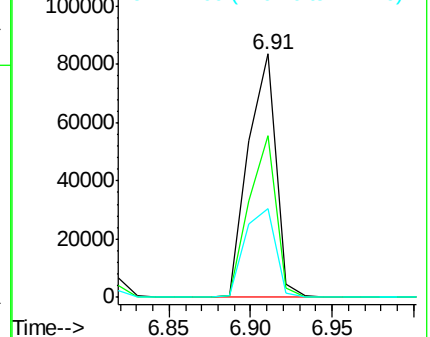
111 36.4 35.0 52.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 44.02 ng

RT: 7.09 min Scan# 543

Delta R.T. 0.00 min

Lab File: BF078359.D

Acq: 9 Apr 2015 14:02

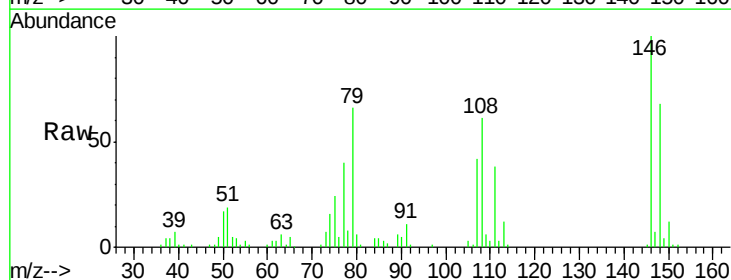
Tgt Ion:146 Resp: 90934

Ion Ratio Lower Upper

146 100

148 67.8 50.2 75.4

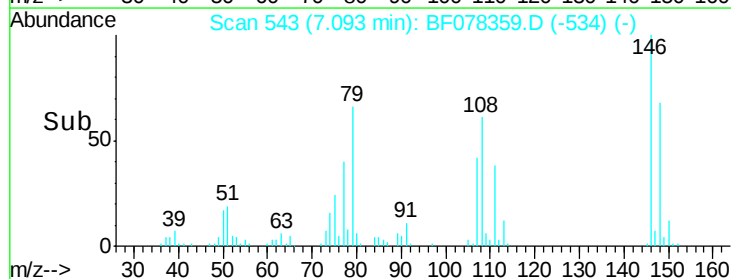
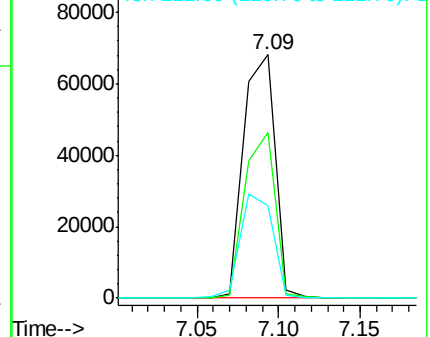
111 37.8 36.1 54.1

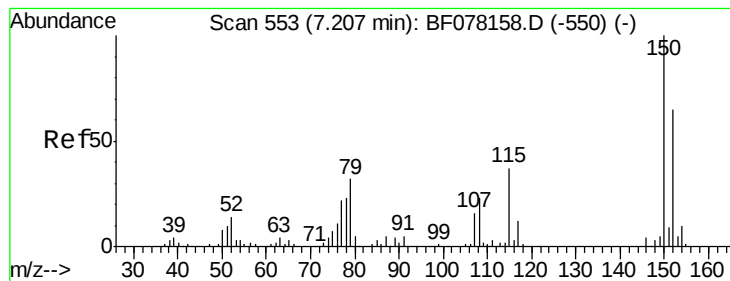


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 51.17 ng

RT: 7.08 min Scan# 542

Delta R.T. -0.01 min

Lab File: BF078359.D

Acq: 9 Apr 2015 14:02

Instrument :

BNA_F

ClientSampleId :

PB82625BS

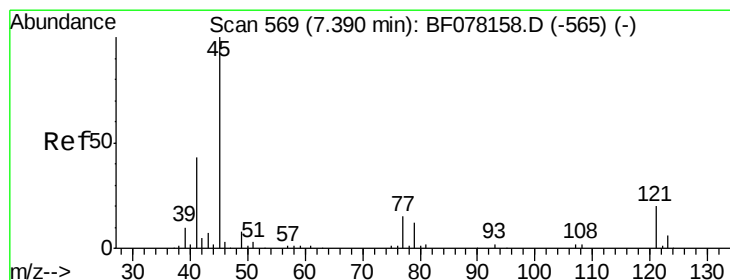
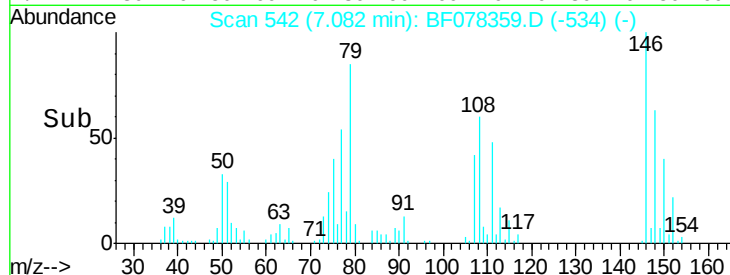
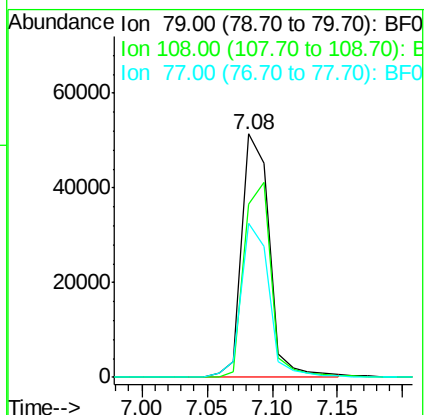
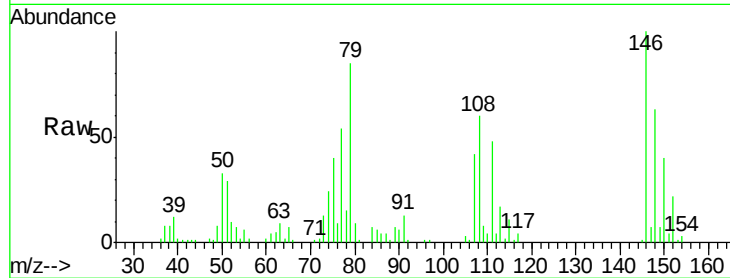
Tgt Ion: 79 Resp: 75941

Ion Ratio Lower Upper

79 100

108 71.1 57.6 86.4

77 63.3 53.5 80.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.21 ng

RT: 7.26 min Scan# 558

Delta R.T. 0.00 min

Lab File: BF078359.D

Acq: 9 Apr 2015 14:02

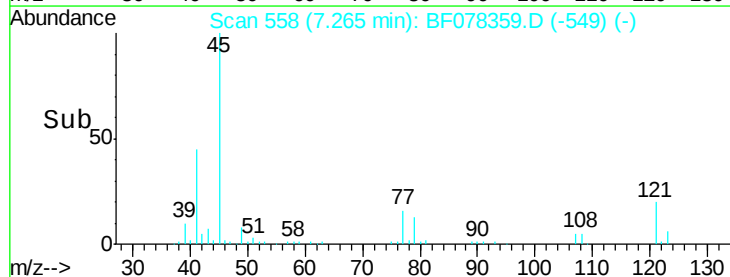
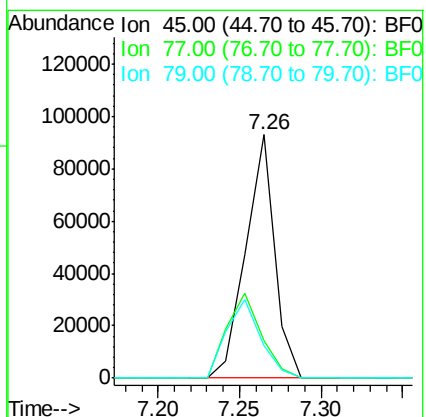
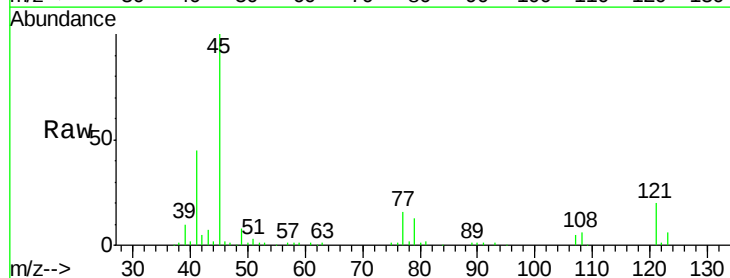
Tgt Ion: 45 Resp: 114580

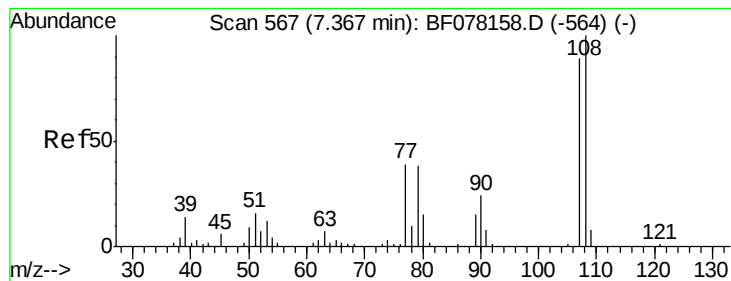
Ion Ratio Lower Upper

45 100

77 15.7 0.0 34.5

79 13.2 0.0 31.9

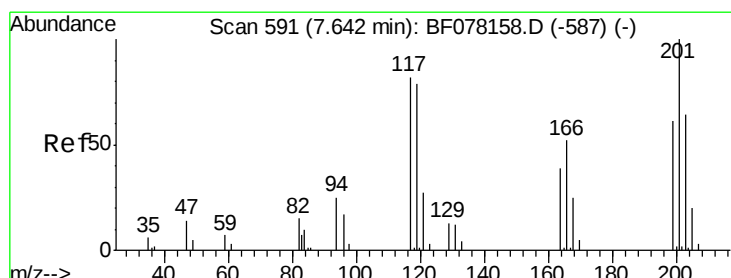
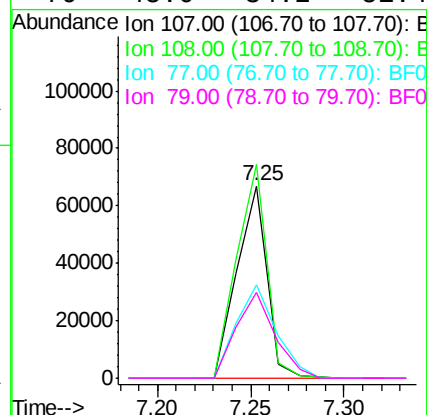
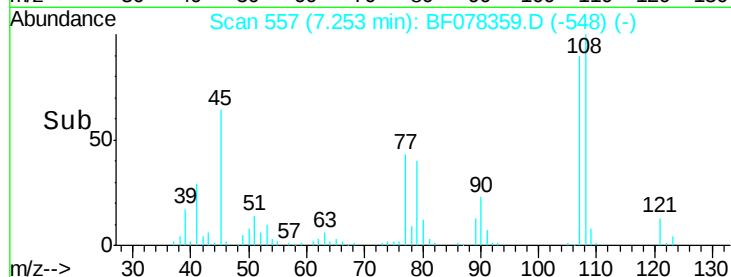
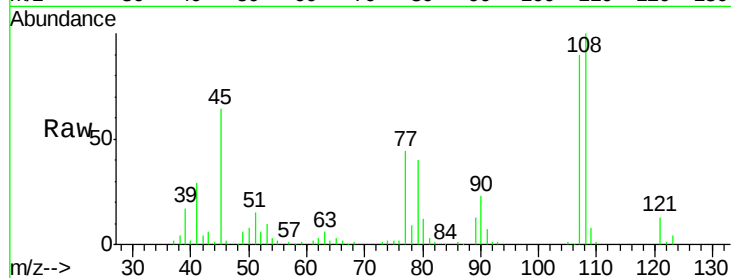




#17
2-Methylphenol
Concen: 48.44 ng
RT: 7.25 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF078359.D
Acq: 9 Apr 2015 14:02

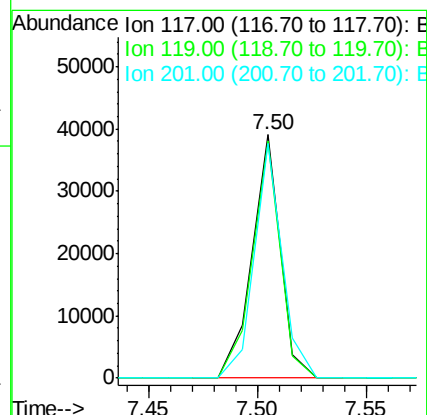
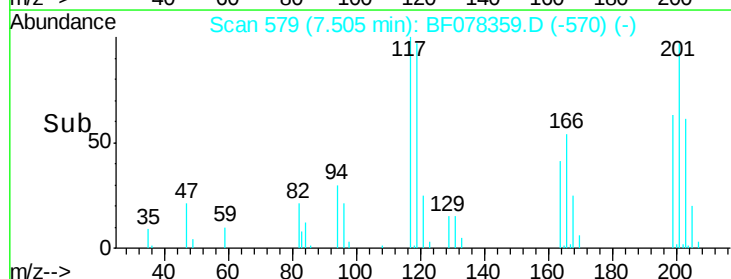
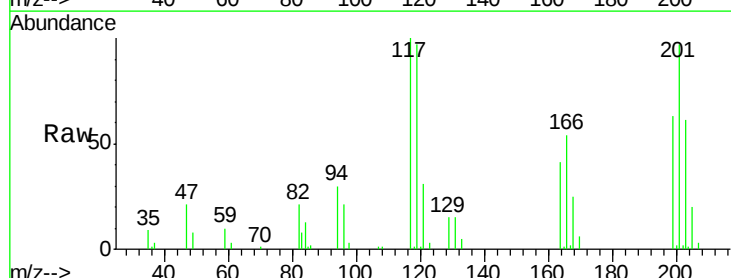
Instrument :
BNA_F
ClientSampleId :
PB82625BS

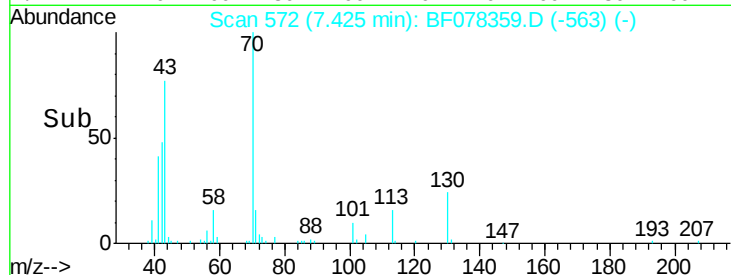
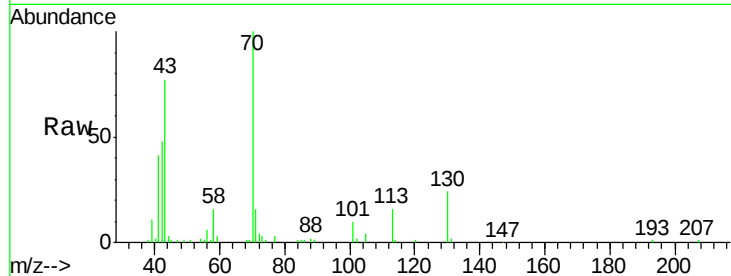
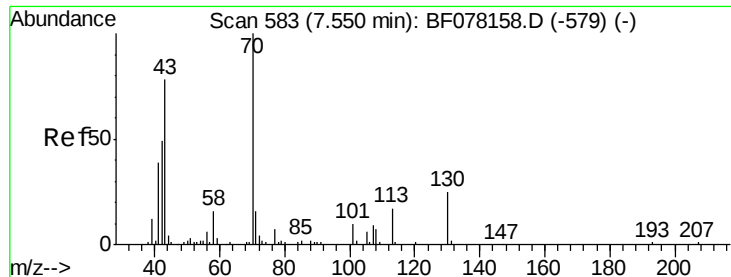
Tgt Ion:107 Resp: 74931
Ion Ratio Lower Upper
107 100
108 111.2 90.3 135.5
77 48.6 35.5 53.3
79 45.0 34.2 51.4



#18
Hexachloroethane
Concen: 47.48 ng
RT: 7.50 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF078359.D
Acq: 9 Apr 2015 14:02

Tgt Ion:117 Resp: 35272
Ion Ratio Lower Upper
117 100
119 97.2 77.0 115.6
201 96.6 98.1 147.1#

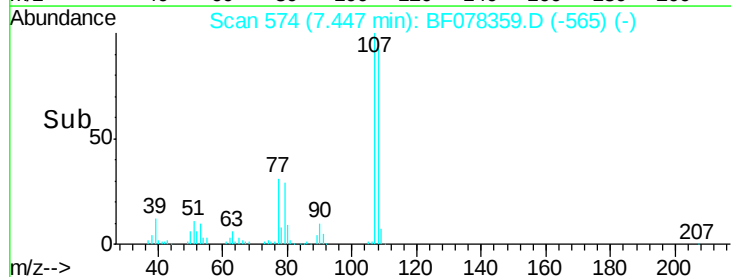
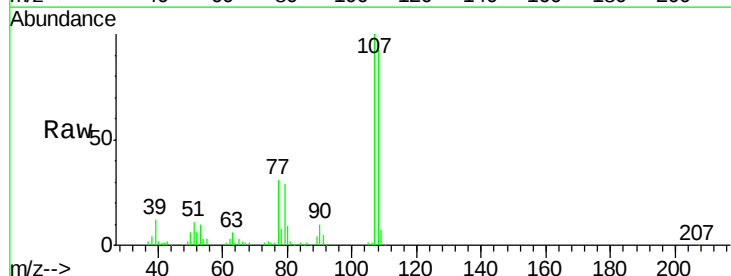
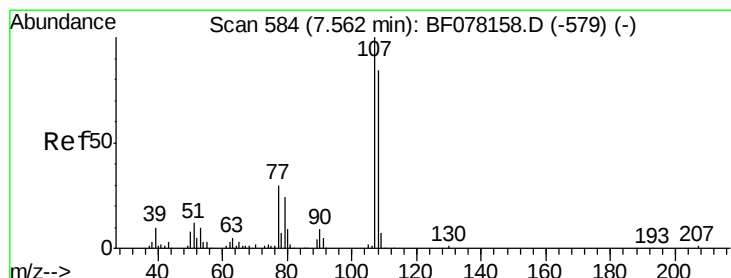
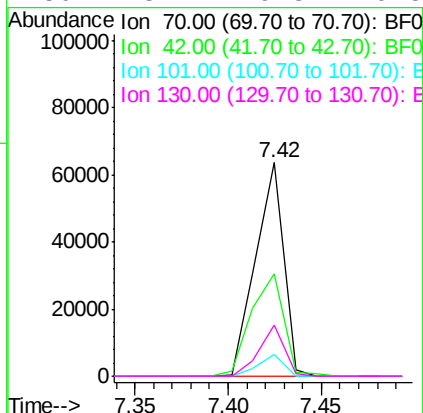




#19
n-Nitroso-di-n-propylamine
Concen: 47.60 ng
RT: 7.42 min Scan# 572
Delta R.T. 0.00 min
Lab File: BF078359.D
Acq: 9 Apr 2015 14:02

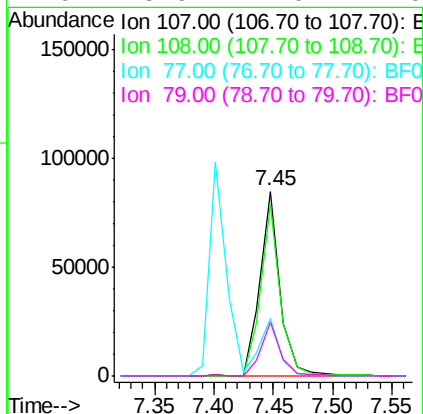
Instrument :
BNA_F
ClientSampleId :
PB82625BS

Tgt Ion:	70	Resp:	66323
Ion	Ratio	Lower	Upper
70	100		
42	47.9	38.9	58.3
101	10.2	8.3	12.5
130	23.7	19.8	29.8



#20
3+4-Methylphenols
Concen: 48.76 ng
RT: 7.45 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF078359.D
Acq: 9 Apr 2015 14:02

Tgt Ion:	107	Resp:	100624
Ion	Ratio	Lower	Upper
107	100		
108	92.9	64.4	104.4
77	31.0	9.7	49.7
79	28.9	4.0	44.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.46 min Scan# 663

Delta R.T. 0.00 min

Lab File: BF078359.D

Acq: 9 Apr 2015 14:02

Instrument :

BNA_F

ClientSampleId :

PB82625BS

Tgt Ion:136 Resp: 116709

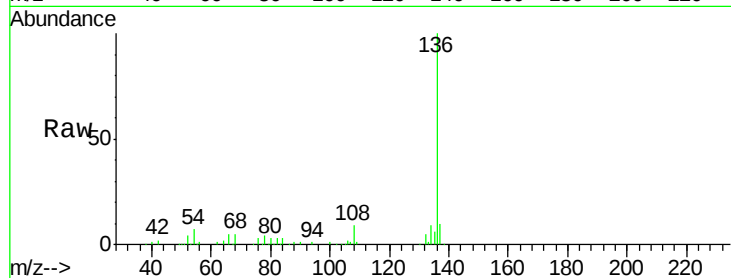
Ion Ratio Lower Upper

136 100

137 10.4 9.0 13.4

54 6.8 7.0 10.6#

68 5.3 5.4 8.2#

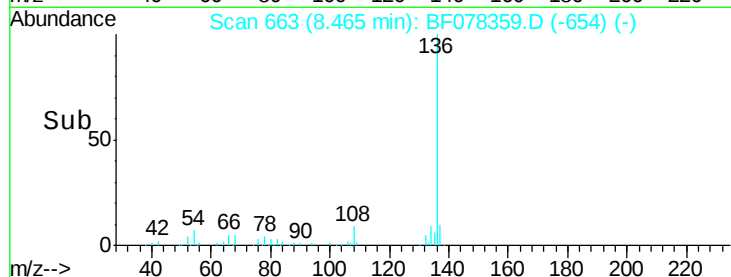


Abundance Ion 136.00 (135.70 to 136.70): E

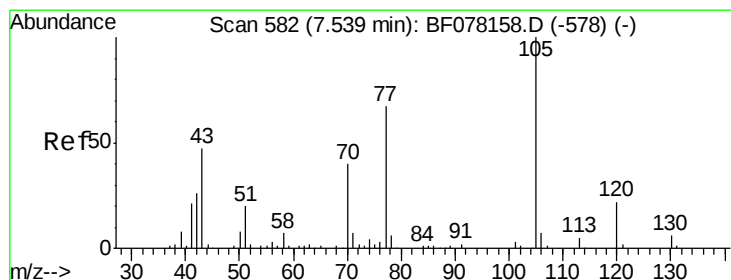
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time--> 8.40 8.45 8.50



#22

Acetophenone

Concen: 48.47 ng

RT: 7.40 min Scan# 570

Delta R.T. 0.00 min

Lab File: BF078359.D

Acq: 9 Apr 2015 14:02

Tgt Ion:105 Resp: 131804

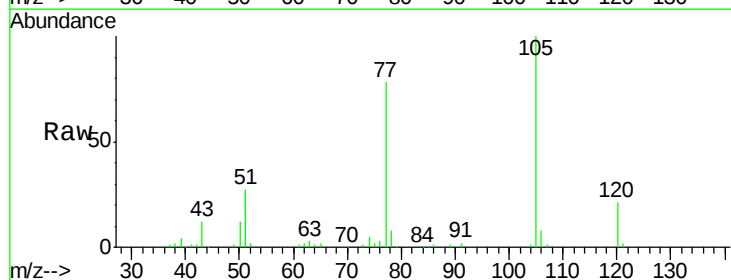
Ion Ratio Lower Upper

105 100

71 0.0 5.5 8.3#

51 26.7 16.0 24.0#

120 20.8 17.8 26.6

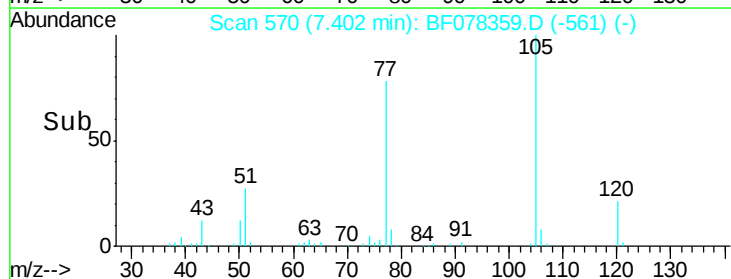


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



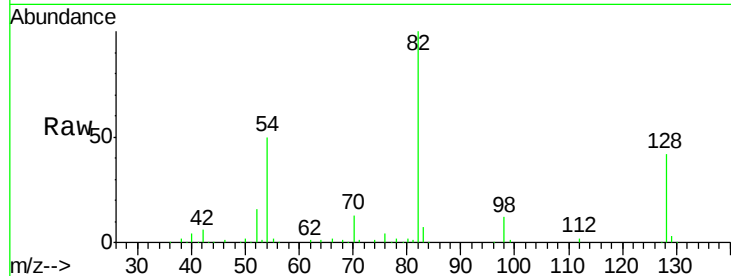
Time--> 7.35 7.40 7.45



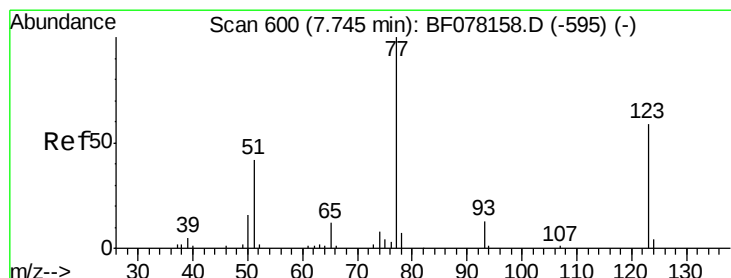
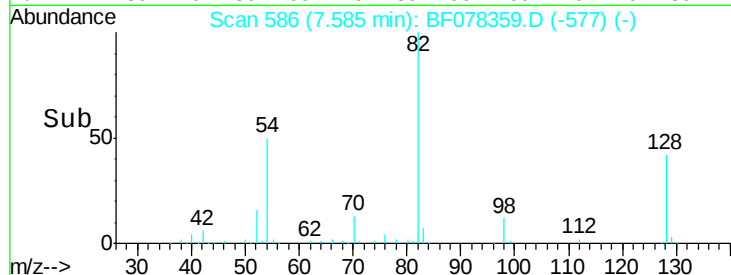
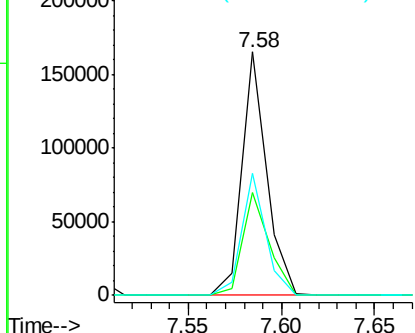
#23
 Nitrobenzene-d5
 Concen: 79.13 ng
 RT: 7.58 min Scan# 586
 Delta R.T. 0.00 min
 Lab File: BF078359.D
 Acq: 9 Apr 2015 14:02

Instrument :
 BNA_F
 ClientSampleId :
 PB82625BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.2	31.8	47.8
54	50.2	41.5	62.3

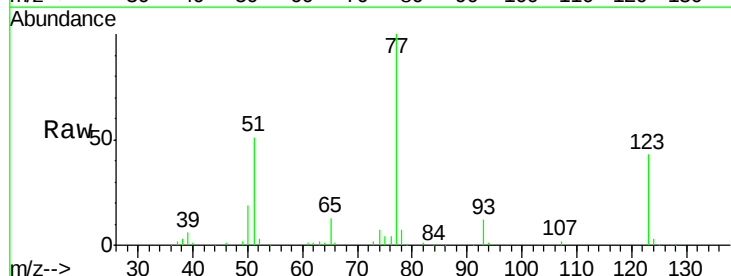


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

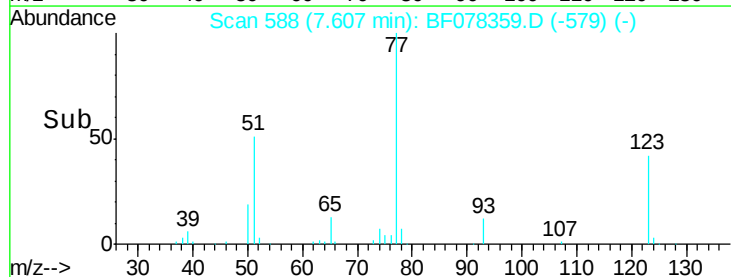
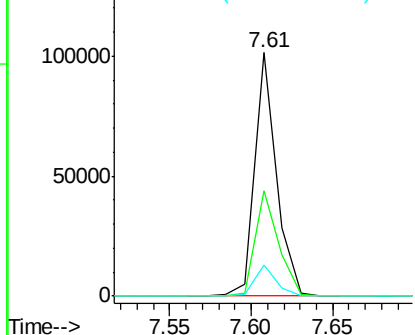


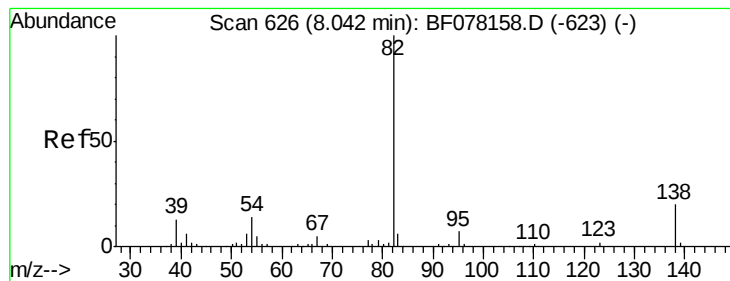
#24
 Nitrobenzene
 Concen: 46.79 ng
 RT: 7.61 min Scan# 588
 Delta R.T. 0.00 min
 Lab File: BF078359.D
 Acq: 9 Apr 2015 14:02

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.4	46.9	70.3#
65	12.9	9.5	14.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 46.79 ng

RT: 7.92 min Scan# 615

Delta R.T. 0.00 min

Lab File: BF078359.D

Acq: 9 Apr 2015 14:02

Instrument :

BNA_F

ClientSampleId :

PB82625BS

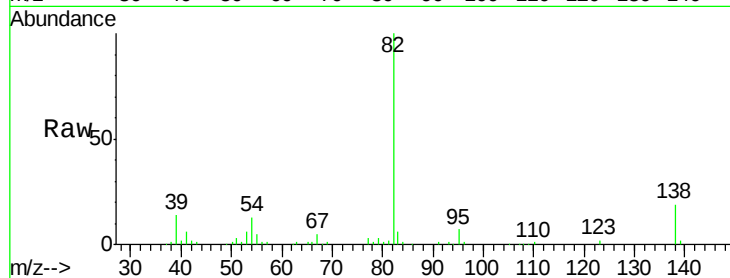
Tgt Ion: 82 Resp: 170984

Ion Ratio Lower Upper

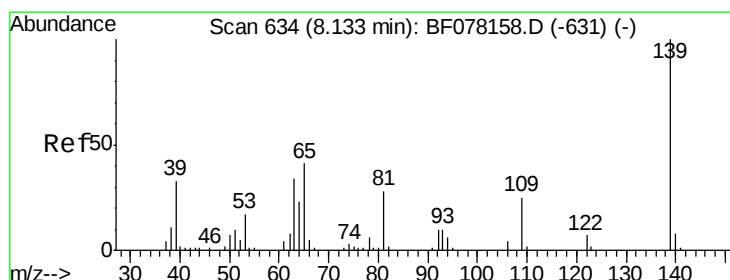
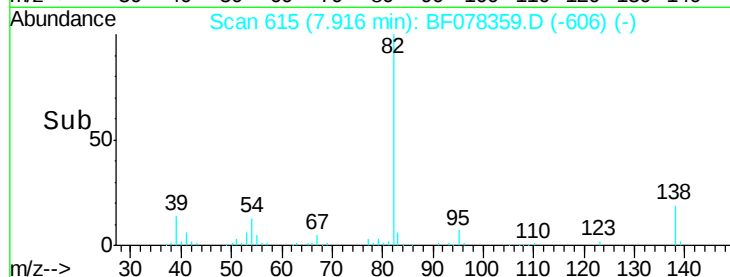
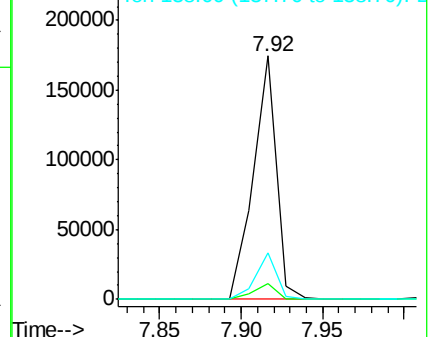
82 100

95 6.7 5.7 8.5

138 19.3 15.8 23.8



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: 48.94 ng

RT: 8.01 min Scan# 623

Delta R.T. 0.00 min

Lab File: BF078359.D

Acq: 9 Apr 2015 14:02

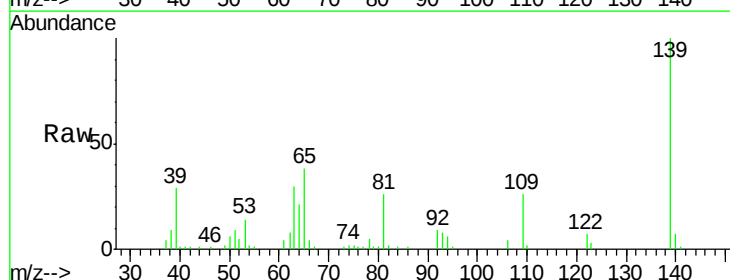
Tgt Ion: 139 Resp: 46941

Ion Ratio Lower Upper

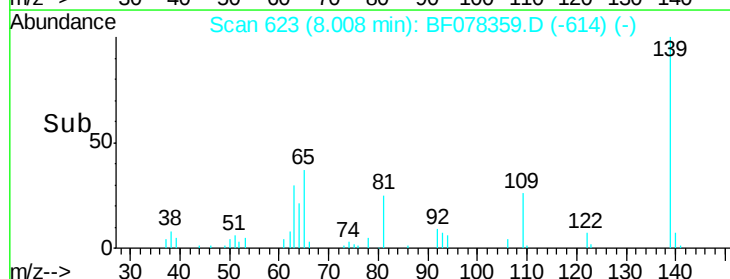
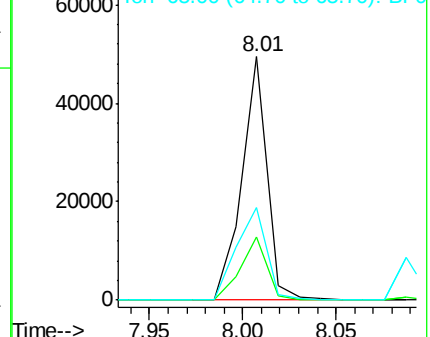
139 100

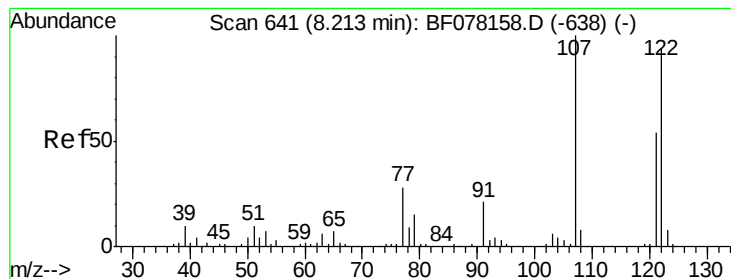
109 25.8 19.8 29.8

65 38.2 32.7 49.1



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





#27

2,4-Dimethylphenol

Concen: 47.13 ng

RT: 8.09 min Scan# 630

Delta R.T. 0.00 min

Lab File: BF078359.D

Acq: 9 Apr 2015 14:02

Instrument :

BNA_F

ClientSampleId :

PB82625BS

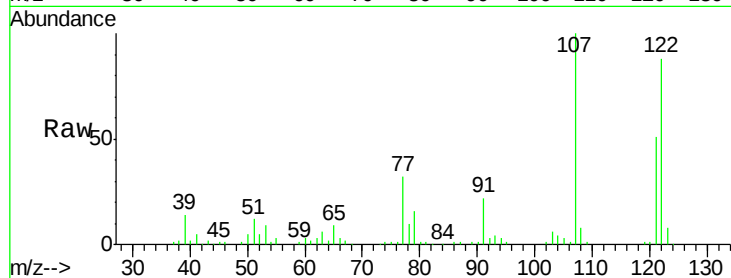
Tgt Ion:122 Resp: 84056

Ion Ratio Lower Upper

122 100

107 113.2 84.6 127.0

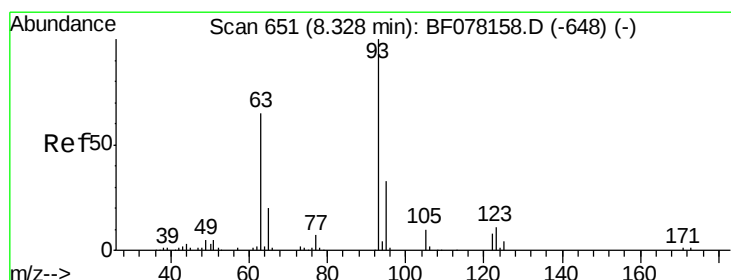
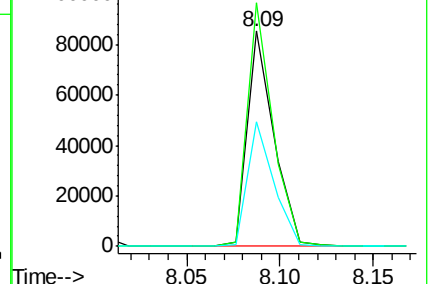
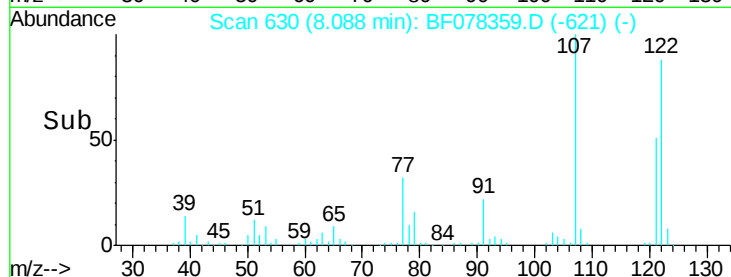
121 58.1 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 45.34 ng

RT: 8.20 min Scan# 640

Delta R.T. 0.00 min

Lab File: BF078359.D

Acq: 9 Apr 2015 14:02

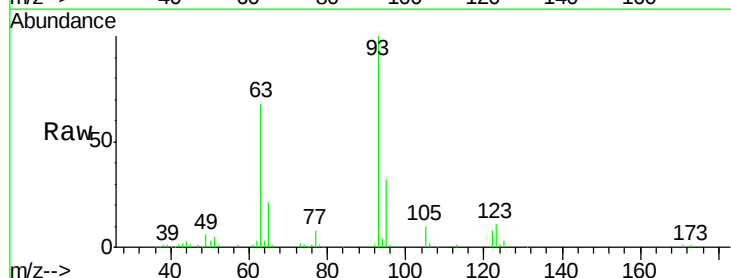
Tgt Ion: 93 Resp: 106237

Ion Ratio Lower Upper

93 100

95 31.5 26.3 39.5

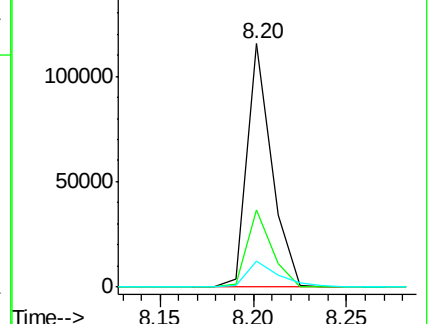
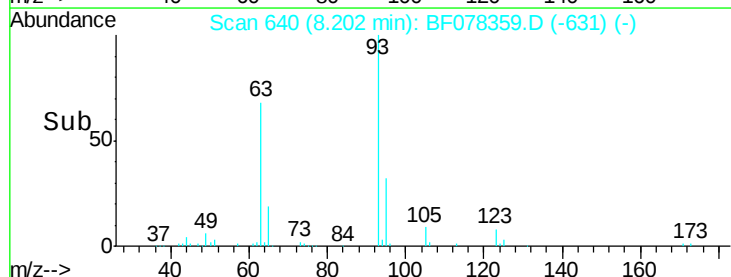
123 10.6 9.1 13.7

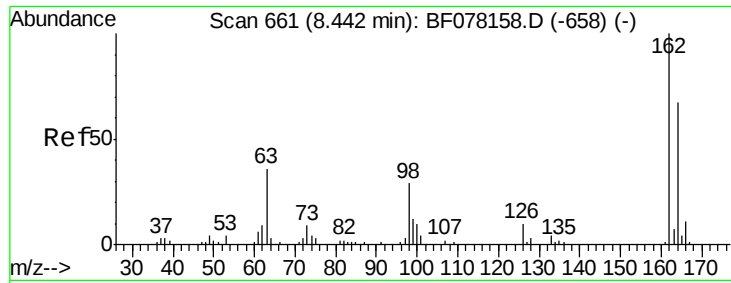


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

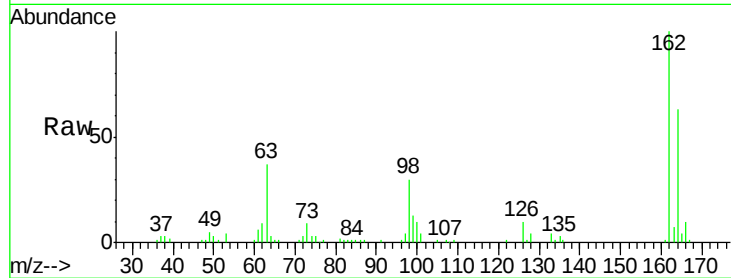




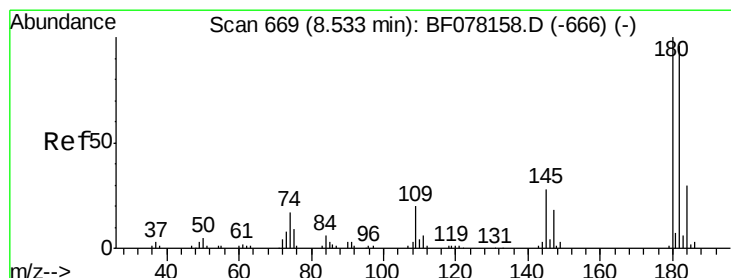
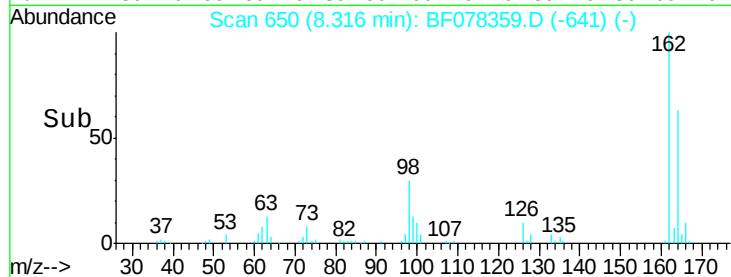
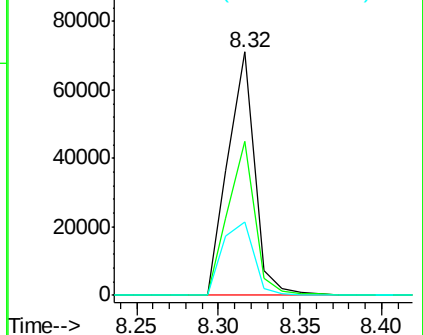
#29
 2,4-Dichlorophenol
 Concen: 50.02 ng
 RT: 8.32 min Scan# 650
 Delta R.T. 0.00 min
 Lab File: BF078359.D
 Acq: 9 Apr 2015 14:02

Instrument :
 BNA_F
 ClientSampleId :
 PB82625BS

Tgt Ion:162 Resp: 81163
 Ion Ratio Lower Upper
 162 100
 164 63.1 47.0 87.0
 98 29.9 9.2 49.2

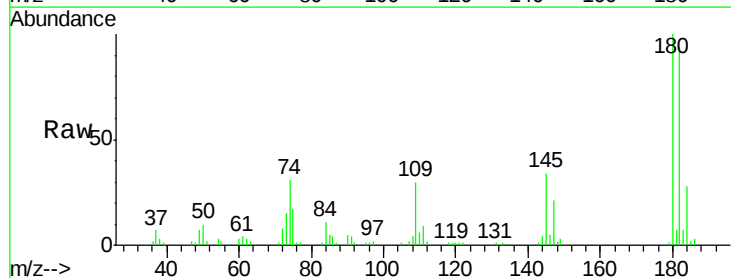


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

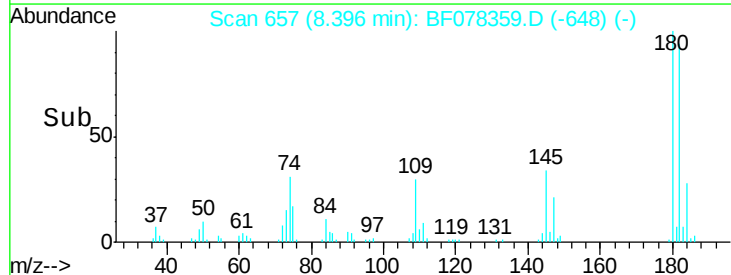
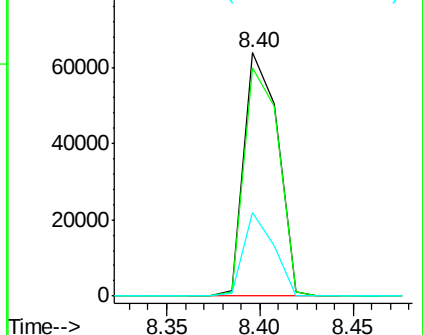


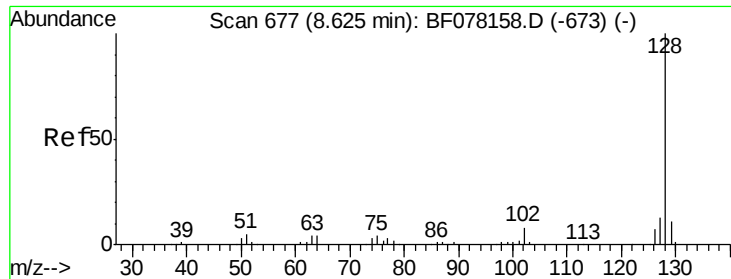
#30
 1,2,4-Trichlorobenzene
 Concen: 43.10 ng
 RT: 8.40 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: BF078359.D
 Acq: 9 Apr 2015 14:02

Tgt Ion:180 Resp: 80181
 Ion Ratio Lower Upper
 180 100
 182 93.7 76.9 115.3
 145 34.5 22.5 33.7#



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

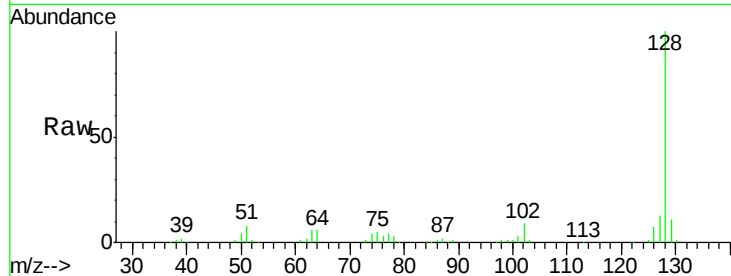




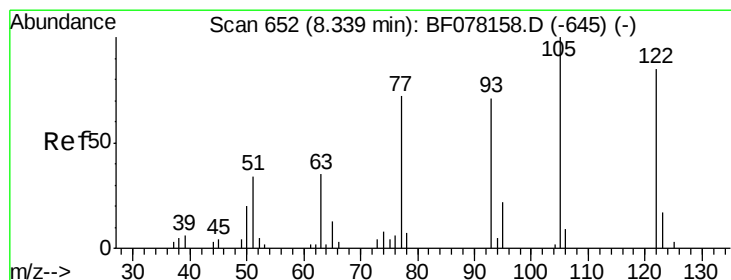
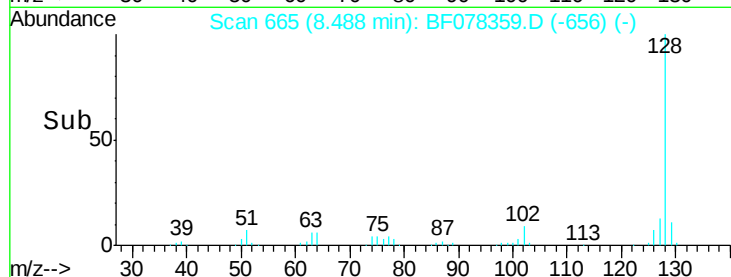
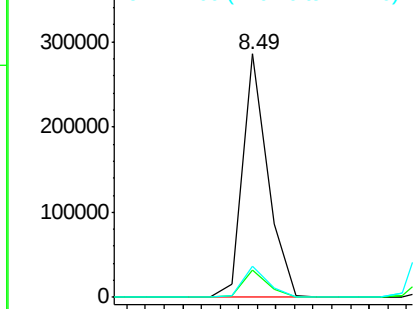
#31
Naphthalene
Concen: 44.09 ng
RT: 8.49 min Scan# 665
Delta R.T. 0.00 min
Lab File: BF078359.D
Acq: 9 Apr 2015 14:02

Instrument :
BNA_F
ClientSampleId :
PB82625BS

Tgt Ion:128 Resp: 267834
Ion Ratio Lower Upper
128 100
129 11.1 8.6 12.8
127 12.9 10.7 16.1

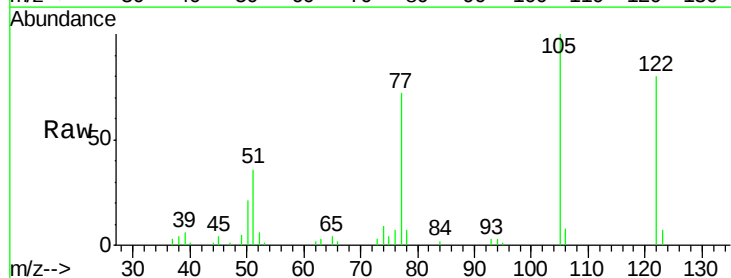


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

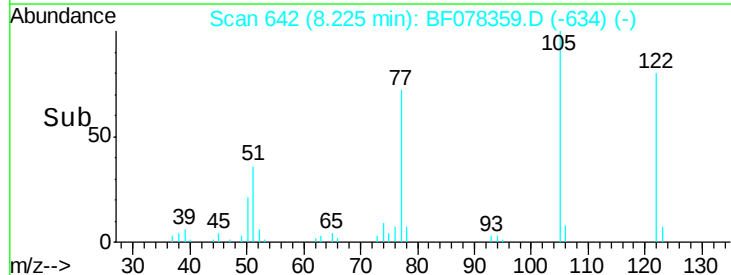
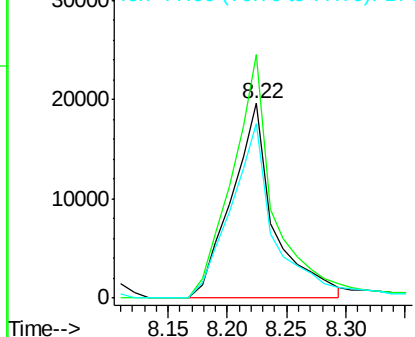


#32
Benzoic acid
Concen: 57.34 ng
RT: 8.22 min Scan# 642
Delta R.T. -0.01 min
Lab File: BF078359.D
Acq: 9 Apr 2015 14:02

Tgt Ion:122 Resp: 49174
Ion Ratio Lower Upper
122 100
105 125.2 96.1 136.1
77 90.0 64.1 104.1



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

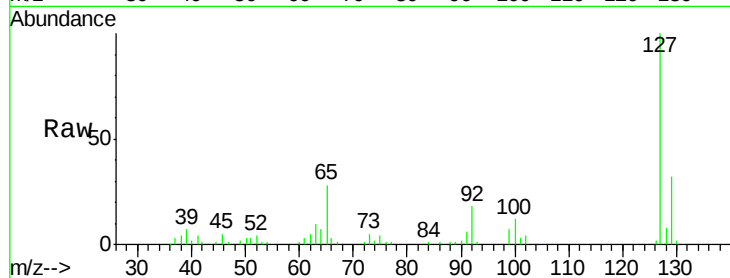




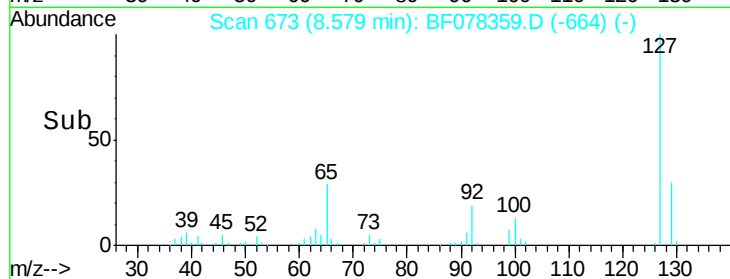
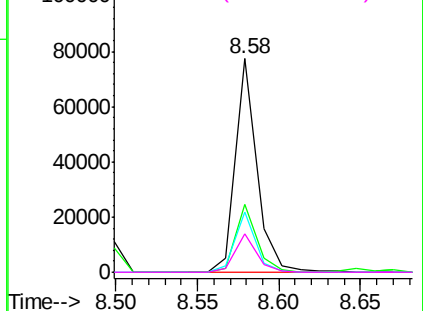
#33
4-Chloroaniline
Concen: 27.87 ng
RT: 8.58 min Scan# 673
Delta R.T. 0.00 min
Lab File: BF078359.D
Acq: 9 Apr 2015 14:02

Instrument :
BNA_F
ClientSampleId :
PB82625BS

Tgt Ion:	127	Resp:	70247
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.5	38.3
65	27.9	21.7	32.5
92	18.1	14.6	21.8

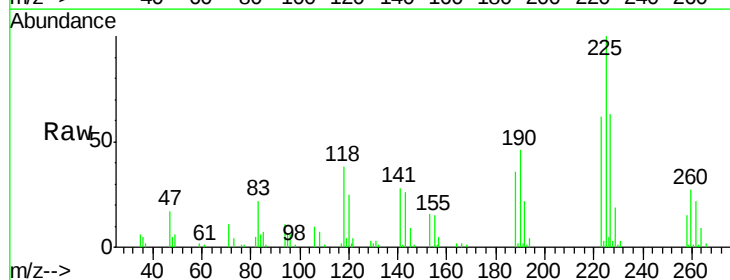


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

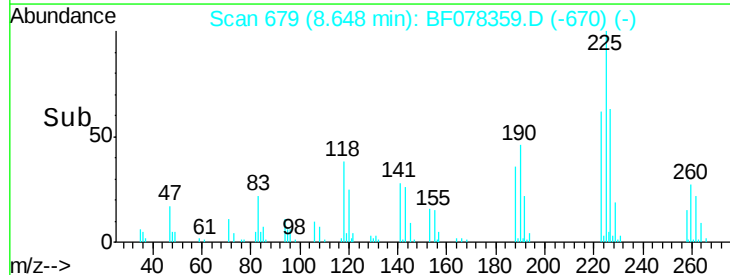
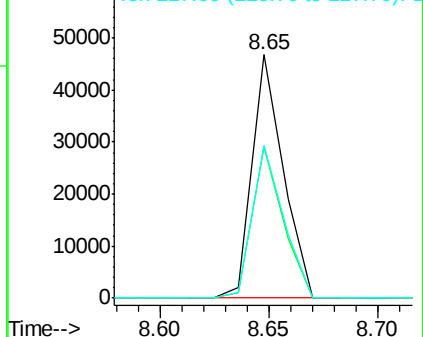


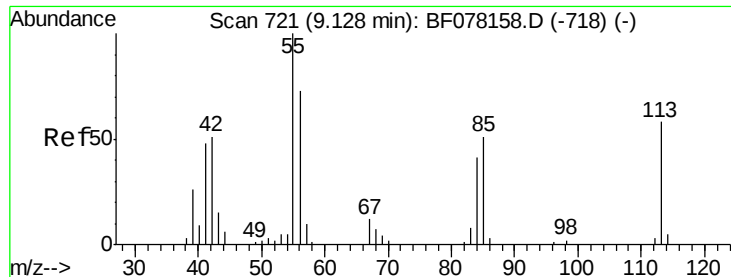
#34
Hexachlorobutadiene
Concen: 45.50 ng
RT: 8.65 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF078359.D
Acq: 9 Apr 2015 14:02

Tgt Ion:	225	Resp:	46485
Ion	Ratio	Lower	Upper
225	100		
223	62.4	47.5	71.3
227	62.5	50.2	75.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

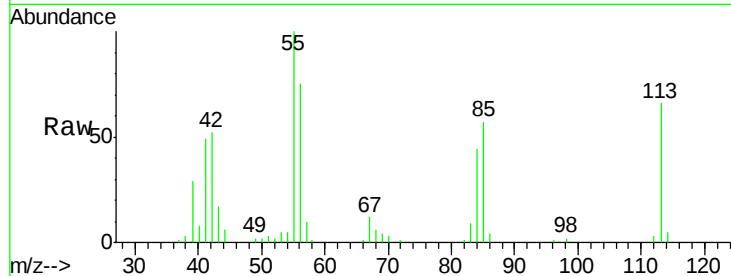




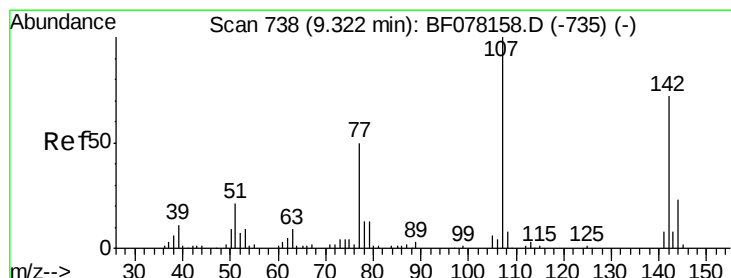
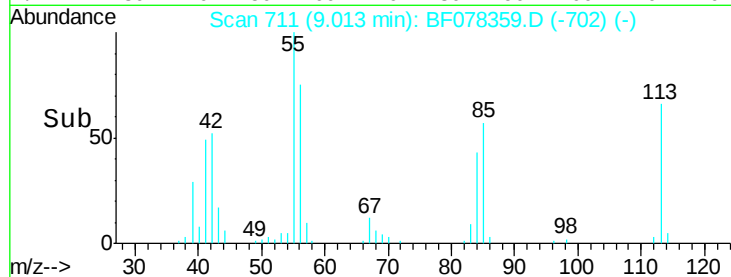
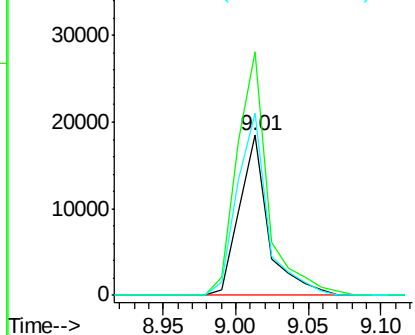
#35
 Caprolactam
 Concen: 53.23 ng
 RT: 9.01 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: BF078359.D
 Acq: 9 Apr 2015 14:02

Instrument :
 BNA_F
 ClientSampleId :
 PB82625BS

Tgt Ion:113 Resp: 25785
 Ion Ratio Lower Upper
 113 100
 55 152.2 151.9 191.9
 56 114.0 106.1 146.1

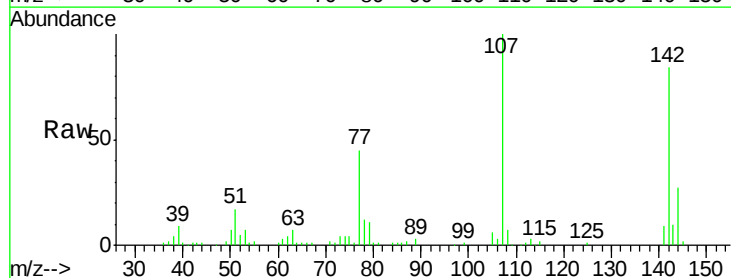


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

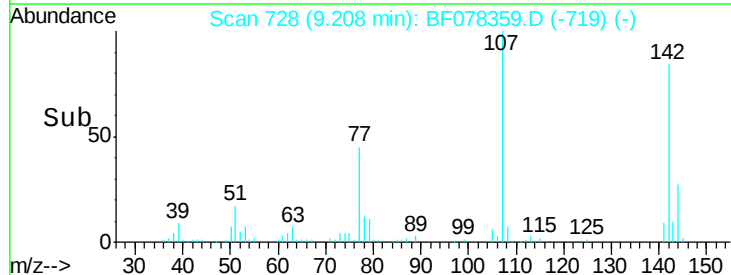
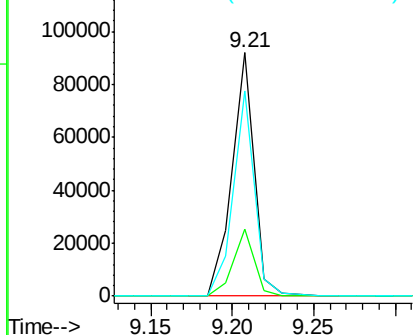


#36
 4-Chloro-3-methylphenol
 Concen: 52.41 ng
 RT: 9.21 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: BF078359.D
 Acq: 9 Apr 2015 14:02

Tgt Ion:107 Resp: 85807
 Ion Ratio Lower Upper
 107 100
 144 27.5 18.2 27.2#
 142 84.0 58.0 87.0



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

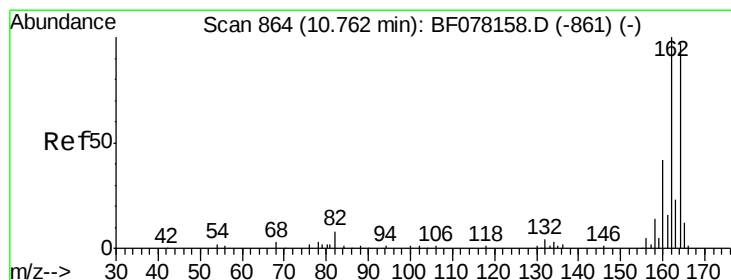
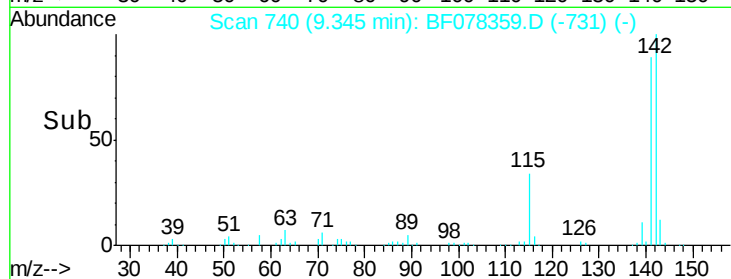
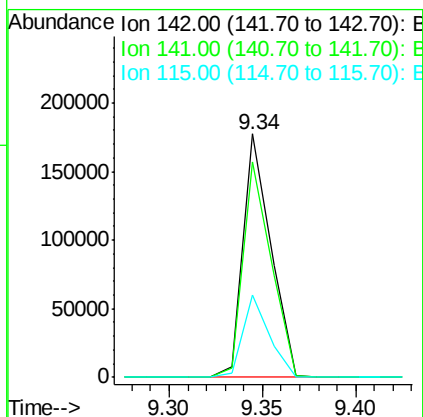
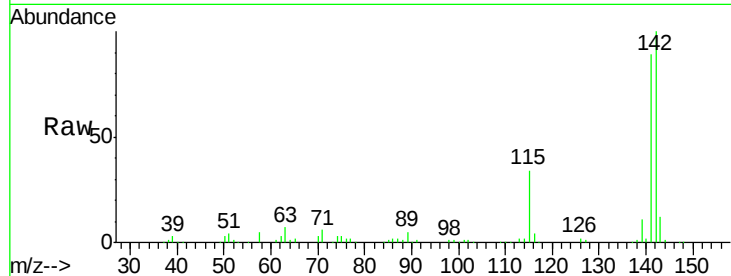




#37
 2-Methylnaphthalene
 Concen: 44.69 ng
 RT: 9.34 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF078359.D
 Acq: 9 Apr 2015 14:02

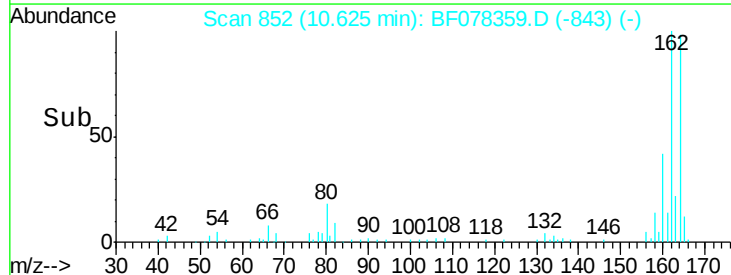
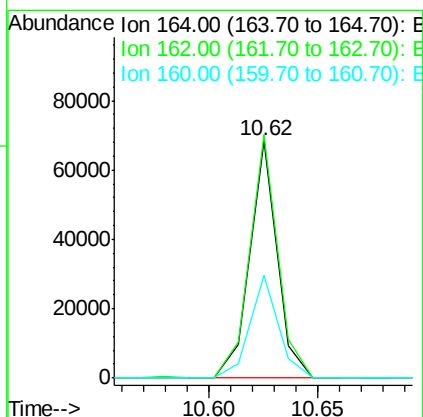
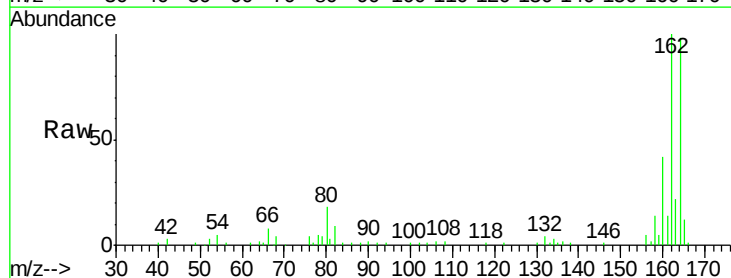
Instrument :
 BNA_F
 ClientSampleId :
 PB82625BS

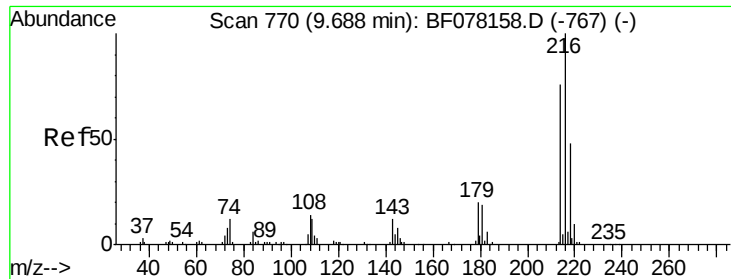
Tgt Ion:142 Resp: 184315
 Ion Ratio Lower Upper
 142 100
 141 88.6 70.3 105.5
 115 33.7 24.6 37.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.62 min Scan# 852
 Delta R.T. 0.00 min
 Lab File: BF078359.D
 Acq: 9 Apr 2015 14:02

Tgt Ion:164 Resp: 60282
 Ion Ratio Lower Upper
 164 100
 162 102.4 82.2 123.2
 160 43.3 34.7 52.1

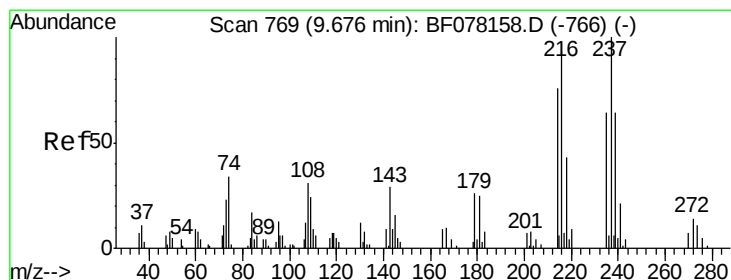
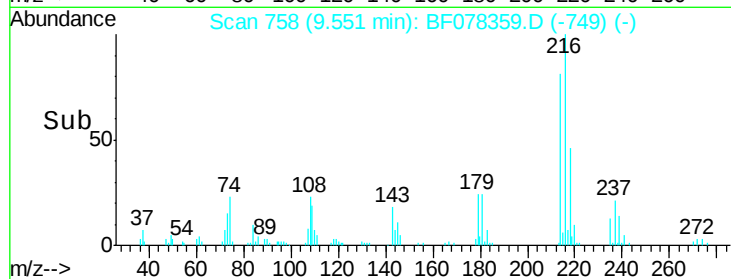
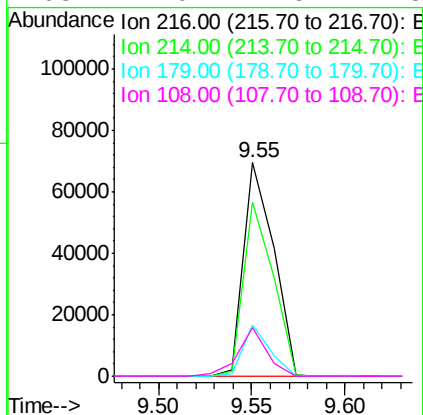
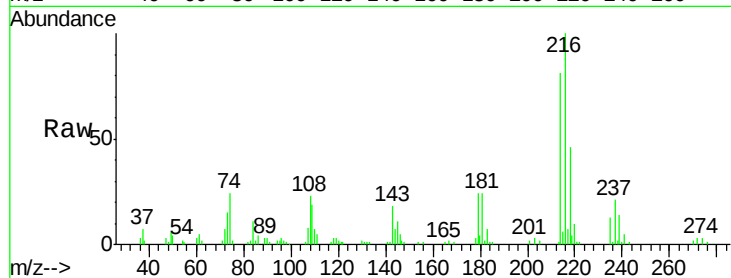




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.77 ng
 RT: 9.55 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BF078359.D
 Acq: 9 Apr 2015 14:02

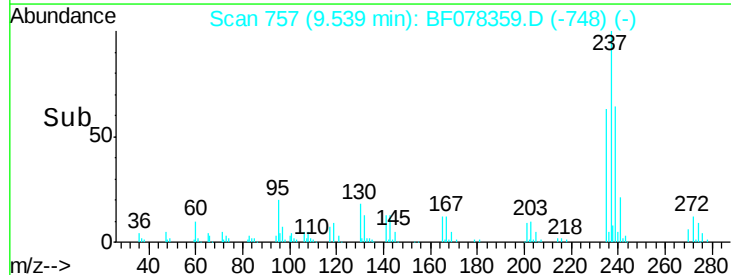
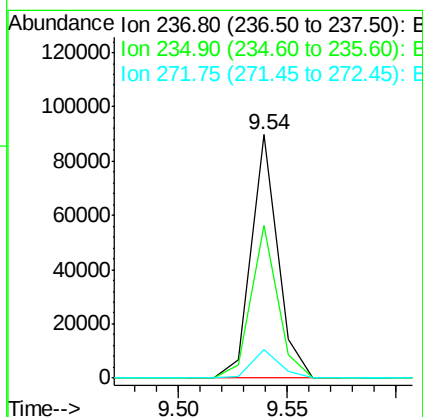
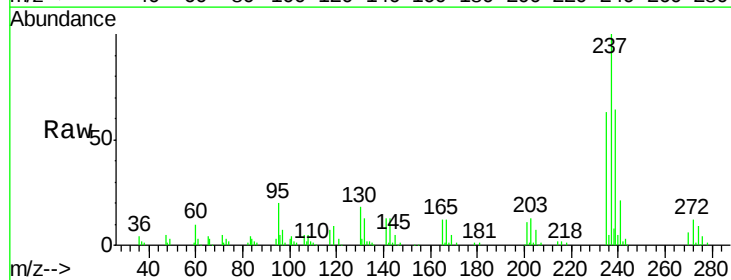
Instrument :
 BNA_F
 ClientSampleId :
 PB82625BS

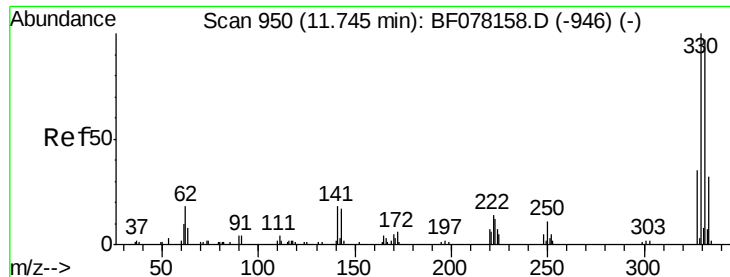
Tgt Ion:	216	Resp:	78016
Ion	Ratio	Lower	Upper
216	100		
214	80.0	62.0	93.0
179	21.4	17.3	25.9
108	22.0	14.6	21.8#



#40
 Hexachlorocyclopentadiene
 Concen: 93.47 ng
 RT: 9.54 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BF078359.D
 Acq: 9 Apr 2015 14:02

Tgt Ion:	237	Resp:	76165
Ion	Ratio	Lower	Upper
237	100		
235	62.9	44.1	84.1
272	11.9	0.0	34.4

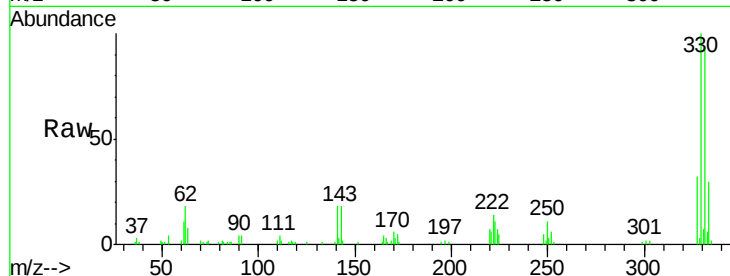




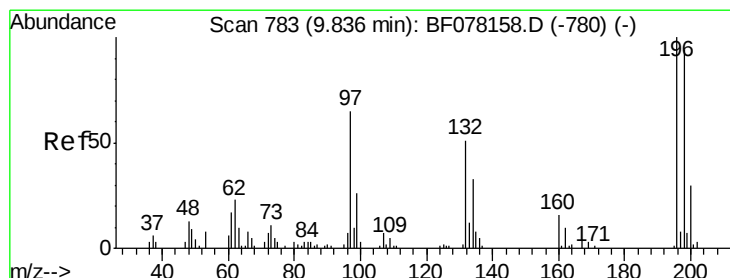
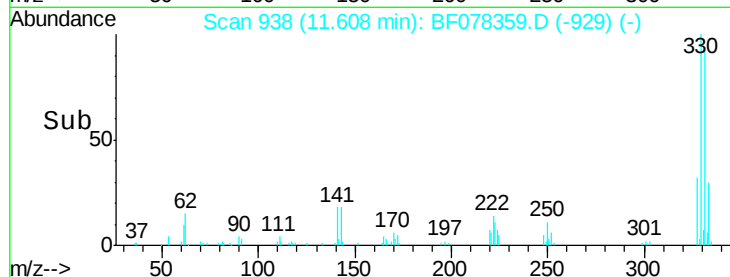
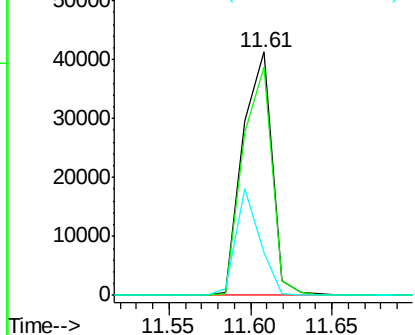
#41
 2,4,6-Tribromophenol
 Concen: 102.53 ng
 RT: 11.61 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: BF078359.D
 Acq: 9 Apr 2015 14:02

Instrument :
 BNA_F
 ClientSampleId :
 PB82625BS

Tgt Ion:330 Resp: 51260
 Ion Ratio Lower Upper
 330 100
 332 93.4 78.6 117.8
 141 36.2 31.2 46.8

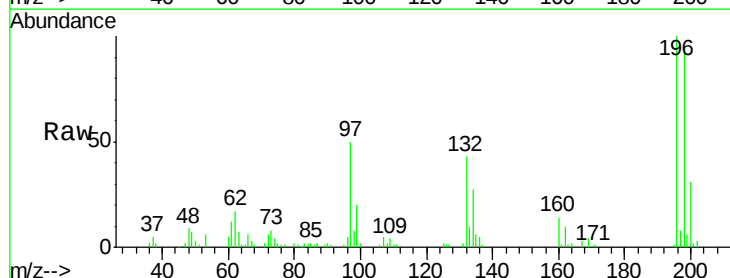


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

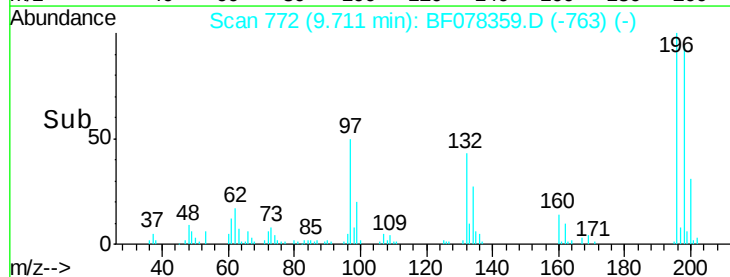
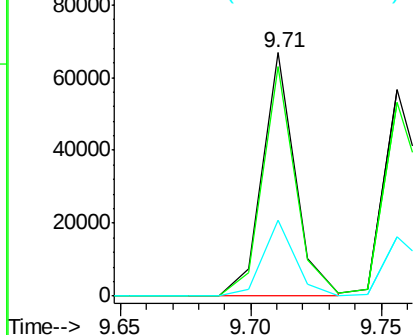


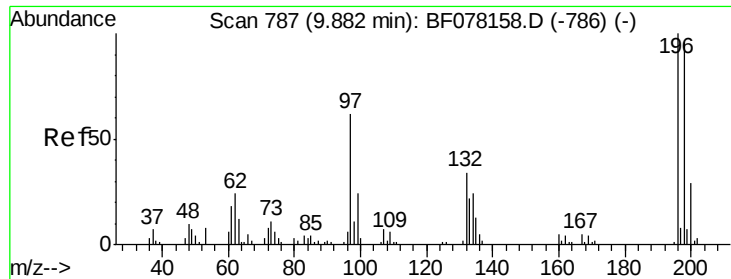
#42
 2,4,6-Trichlorophenol
 Concen: 49.64 ng
 RT: 9.71 min Scan# 772
 Delta R.T. 0.00 min
 Lab File: BF078359.D
 Acq: 9 Apr 2015 14:02

Tgt Ion:196 Resp: 58471
 Ion Ratio Lower Upper
 196 100
 198 94.1 75.4 113.2
 200 31.1 24.0 36.0



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

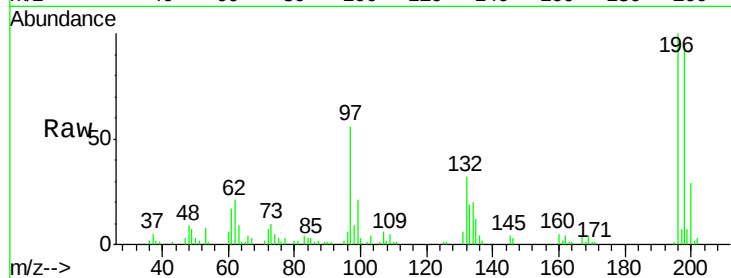




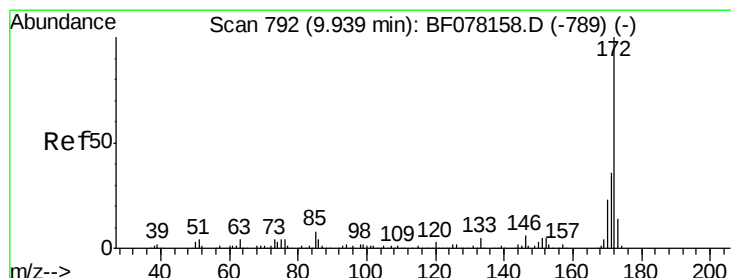
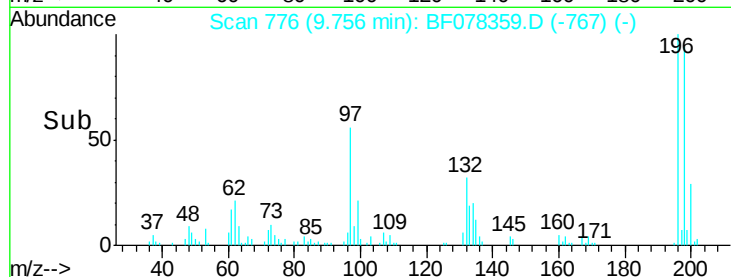
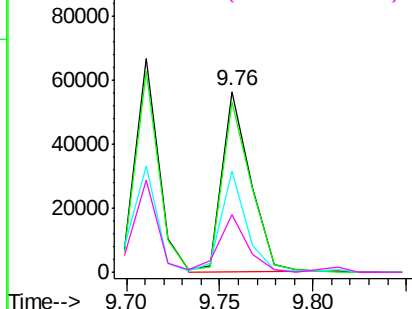
#43
 2,4,5-Trichlorophenol
 Concen: 48.57 ng
 RT: 9.76 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF078359.D
 Acq: 9 Apr 2015 14:02

Instrument :
 BNA_F
 ClientSampleId :
 PB82625BS

Tgt Ion:196 Resp: 59775
 Ion Ratio Lower Upper
 196 100
 198 94.2 76.6 115.0
 97 56.0 50.6 75.8
 132 31.9 27.7 41.5

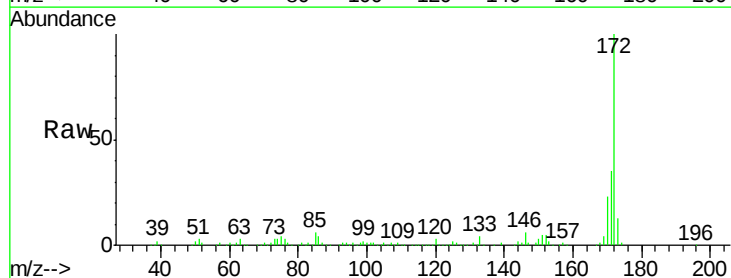


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

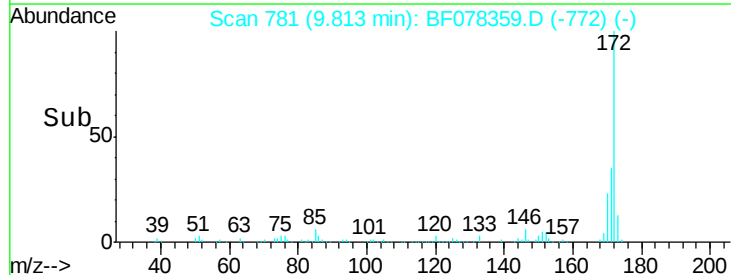
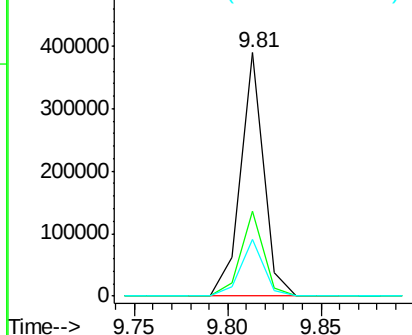


#44
 2-Fluorobiphenyl
 Concen: 79.47 ng
 RT: 9.81 min Scan# 781
 Delta R.T. 0.00 min
 Lab File: BF078359.D
 Acq: 9 Apr 2015 14:02

Tgt Ion:172 Resp: 335142
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.6 42.8
 170 23.3 18.5 27.7



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

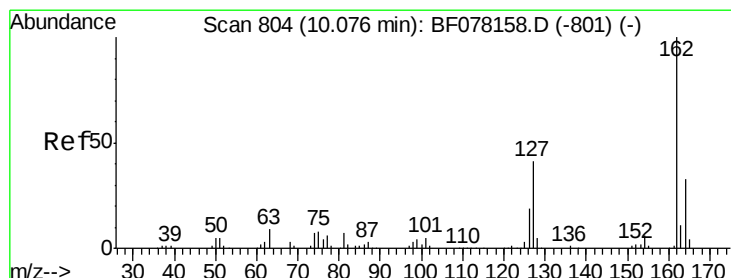
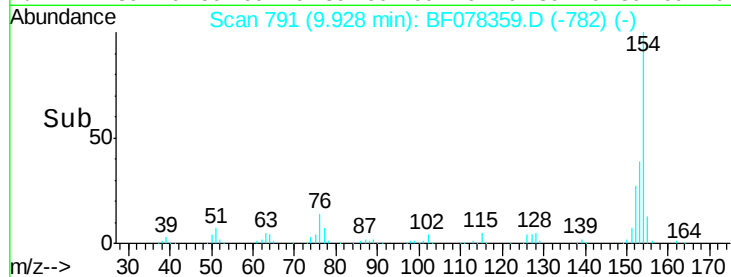
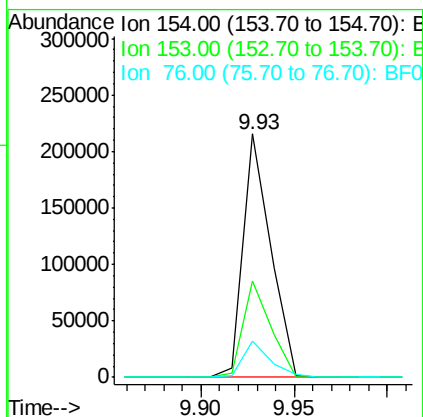
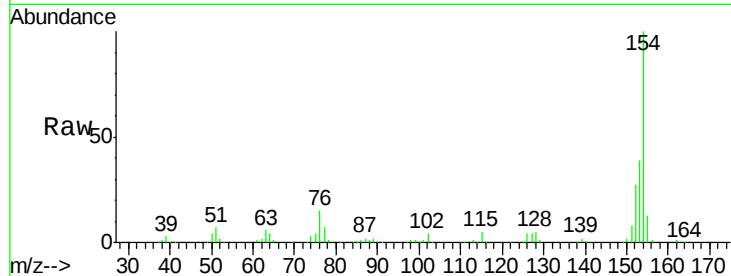




#45
 1,1'-Biphenyl
 Concen: 44.81 ng
 RT: 9.93 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF078359.D
 Acq: 9 Apr 2015 14:02

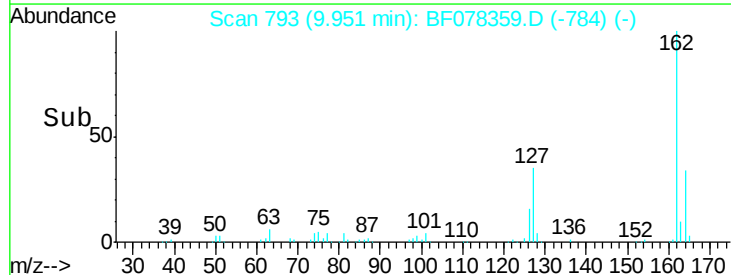
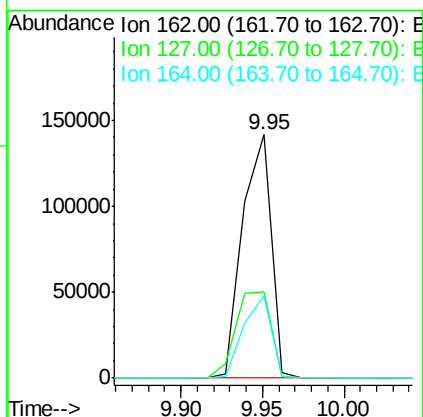
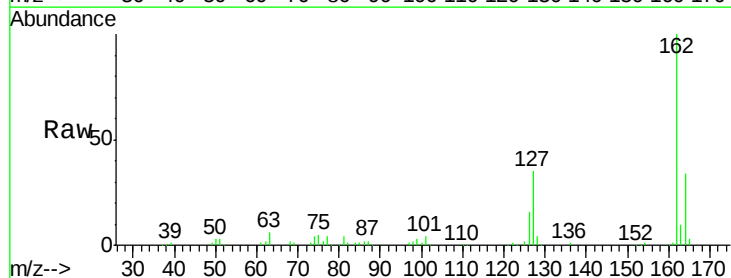
Instrument :
 BNA_F
 ClientSampleId :
 PB82625BS

Tgt Ion:154 Resp: 220948
 Ion Ratio Lower Upper
 154 100
 153 39.4 20.0 60.0
 76 14.7 0.0 30.6



#46
 2-Chloronaphthalene
 Concen: 44.27 ng
 RT: 9.95 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BF078359.D
 Acq: 9 Apr 2015 14:02

Tgt Ion:162 Resp: 171763
 Ion Ratio Lower Upper
 162 100
 127 35.5 32.6 49.0
 164 33.6 26.0 39.0

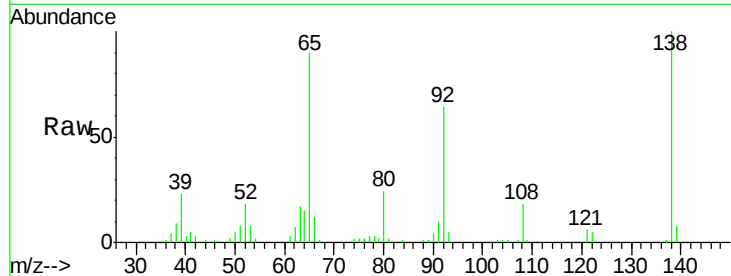




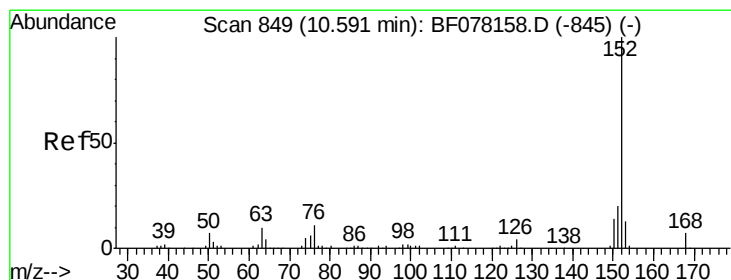
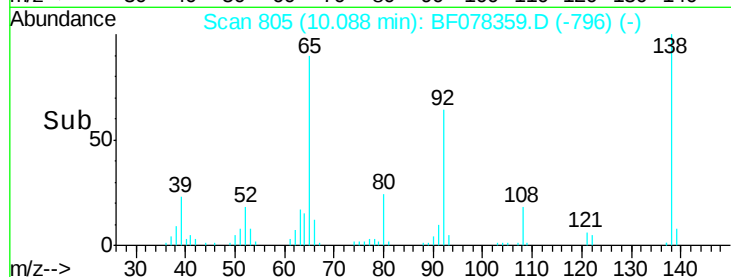
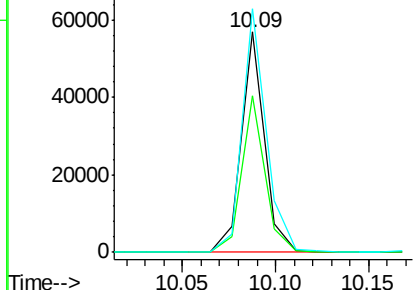
#47
2-Nitroaniline
Concen: 51.12 ng
RT: 10.09 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF078359.D
Acq: 9 Apr 2015 14:02

Instrument :
BNA_F
ClientSampleId :
PB82625BS

Tgt Ion: 65 Resp: 49066
Ion Ratio Lower Upper
65 100
92 71.1 51.3 76.9
138 110.5 70.4 105.6#

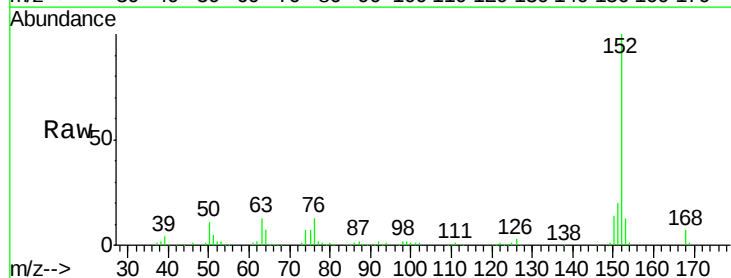


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

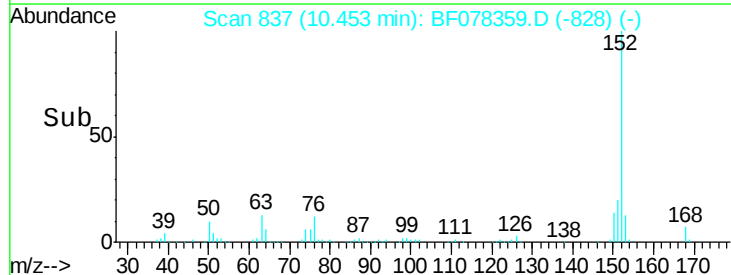
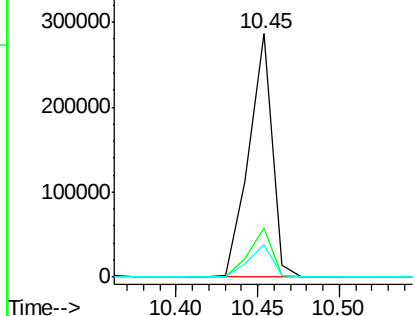


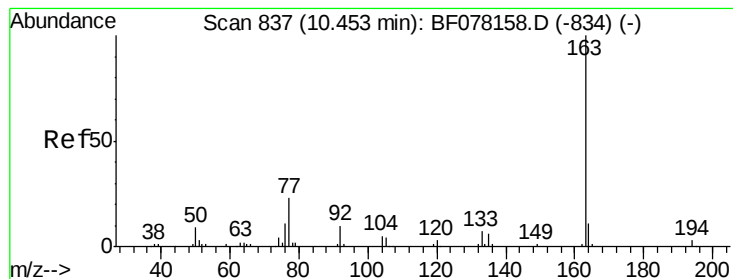
#48
Acenaphthylene
Concen: 45.26 ng
RT: 10.45 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF078359.D
Acq: 9 Apr 2015 14:02

Tgt Ion: 152 Resp: 283575
Ion Ratio Lower Upper
152 100
151 20.0 15.7 23.5
153 13.1 10.2 15.2



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: 45.60 ng

RT: 10.33 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF078359.D

Acq: 9 Apr 2015 14:02

Instrument :

BNA_F

ClientSampleId :

PB82625BS

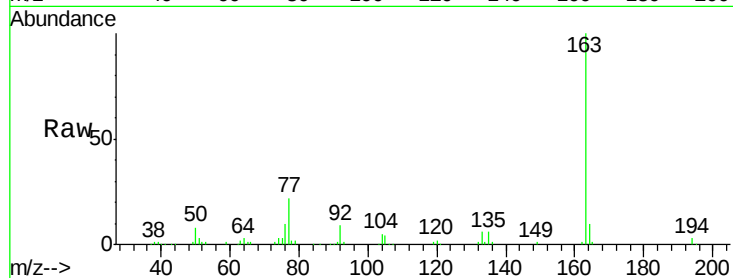
Tgt Ion:163 Resp: 206532

Ion Ratio Lower Upper

163 100

194 3.1 2.3 3.5

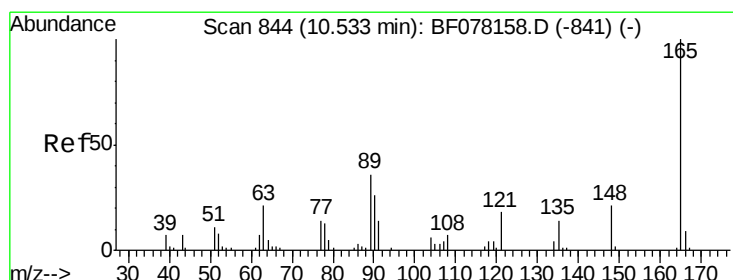
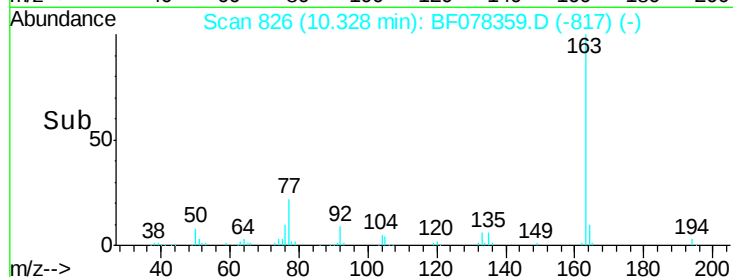
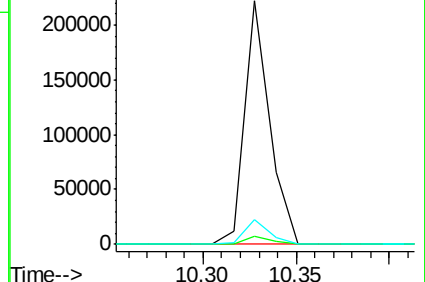
164 10.1 8.6 13.0



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: 46.20 ng

RT: 10.40 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF078359.D

Acq: 9 Apr 2015 14:02

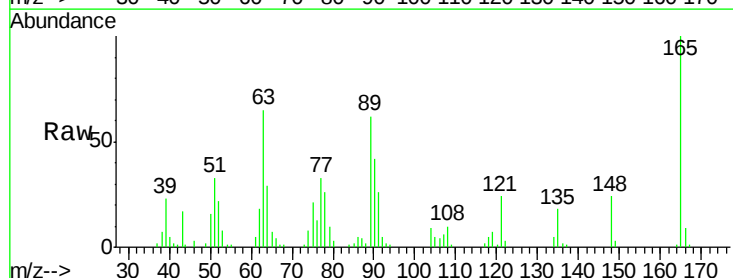
Tgt Ion:165 Resp: 43050

Ion Ratio Lower Upper

165 100

63 65.1 24.1 36.1#

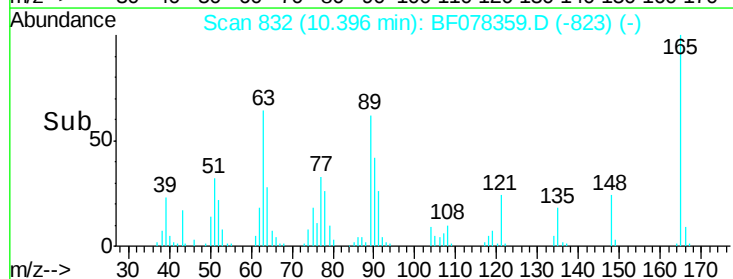
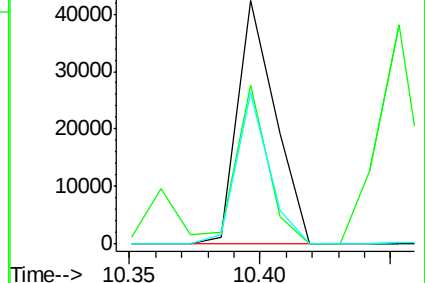
89 62.2 28.9 43.3#



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: 45.88 ng

RT: 10.66 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF078359.D

Acq: 9 Apr 2015 14:02

Instrument :

BNA_F

ClientSampleId :

PB82625BS

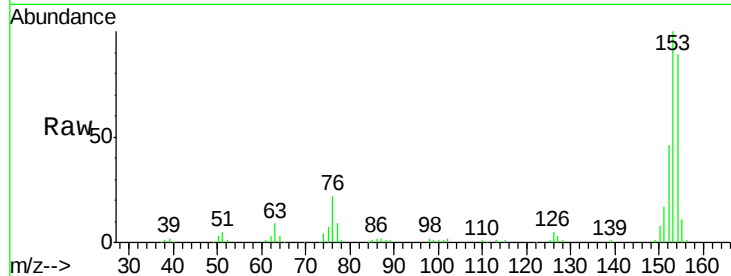
Tgt Ion:154 Resp: 161813

Ion Ratio Lower Upper

154 100

153 112.0 91.4 137.2

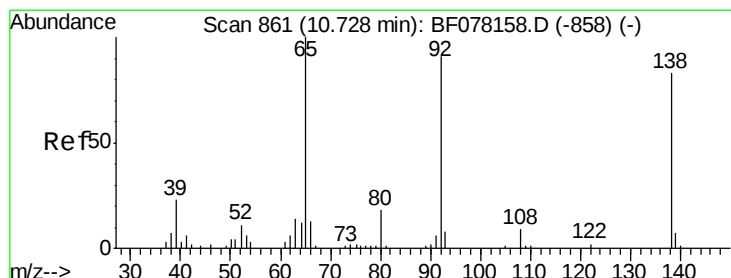
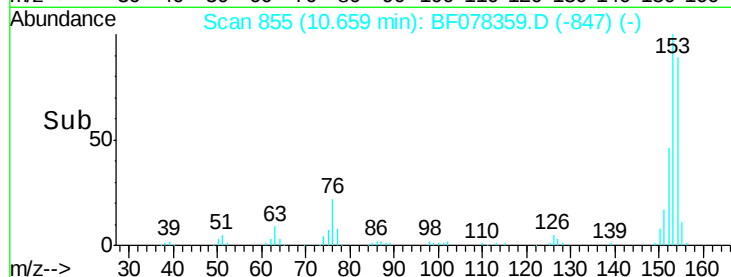
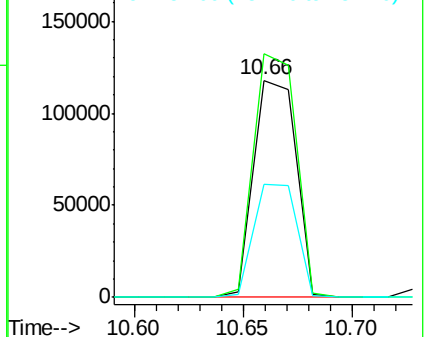
152 52.0 43.0 64.6



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: 33.27 ng

RT: 10.60 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF078359.D

Acq: 9 Apr 2015 14:02

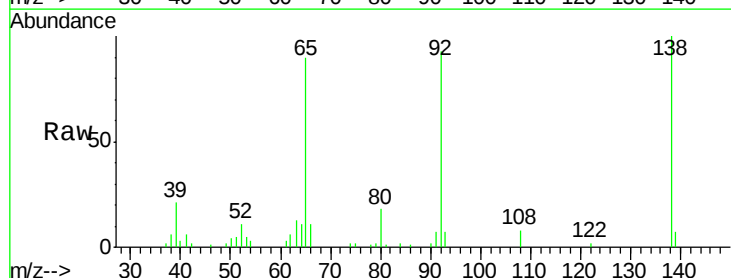
Tgt Ion:138 Resp: 35249

Ion Ratio Lower Upper

138 100

108 8.5 8.2 12.4

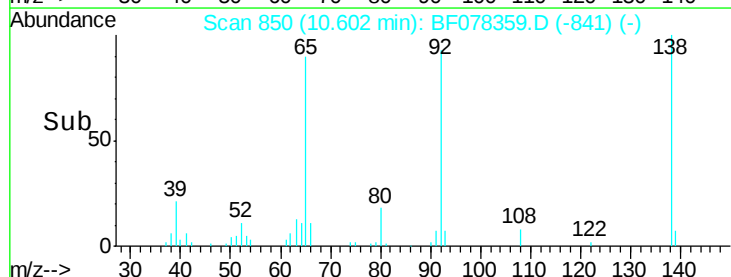
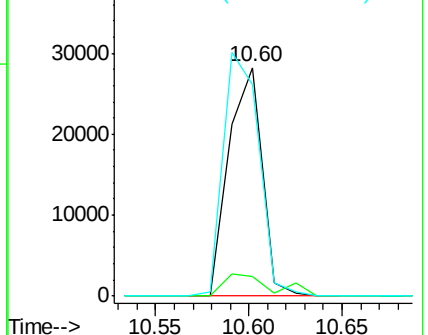
92 92.8 88.4 132.6

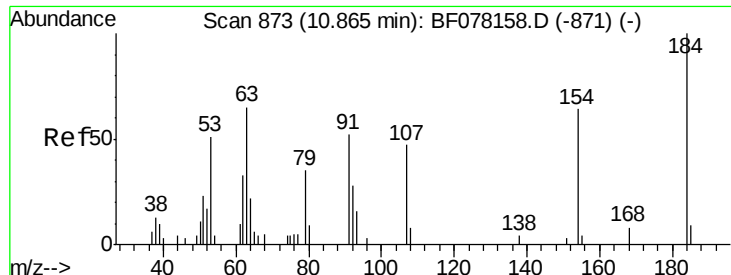


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

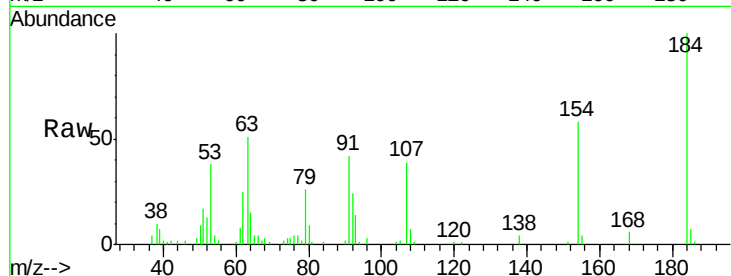




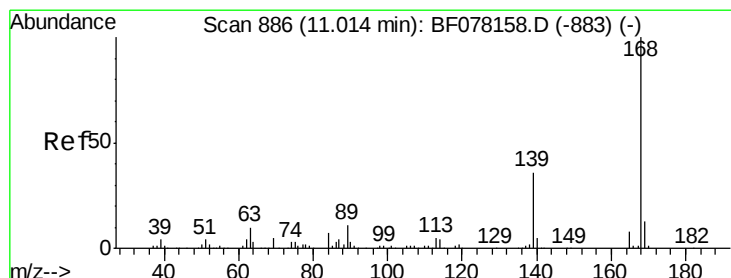
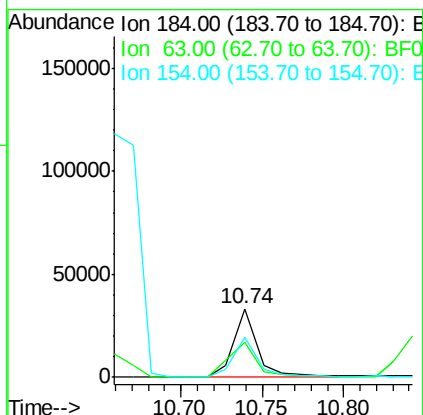
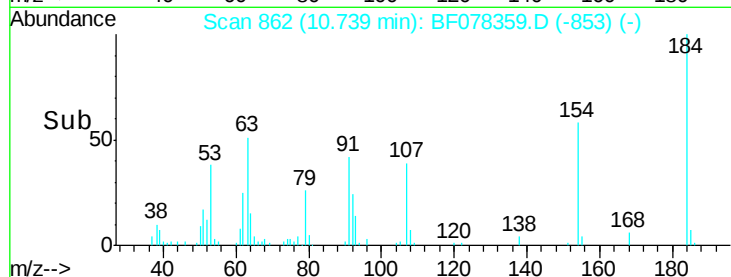
#53
2,4-Dinitrophenol
Concen: 89.17 ng
RT: 10.74 min Scan# 862
Delta R.T. 0.00 min
Lab File: BF078359.D
Acq: 9 Apr 2015 14:02

Instrument :
BNA_F
ClientSampleId :
PB82625BS

Tgt Ion:184 Resp: 34135
Ion Ratio Lower Upper
184 100
63 51.5 51.9 77.9#
154 58.0 51.0 76.4

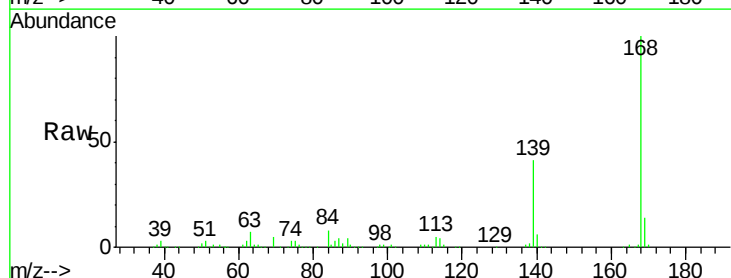


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

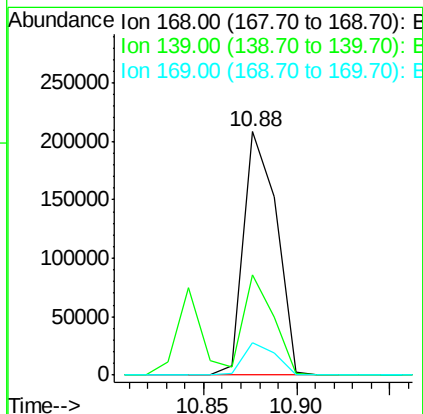
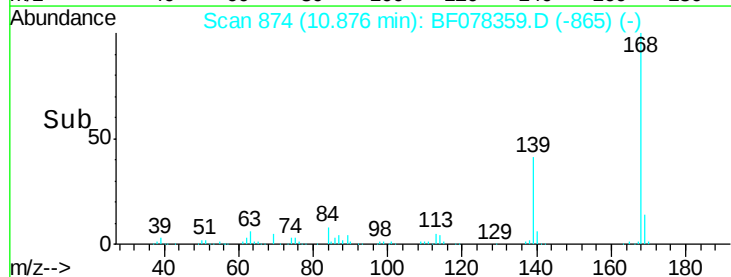


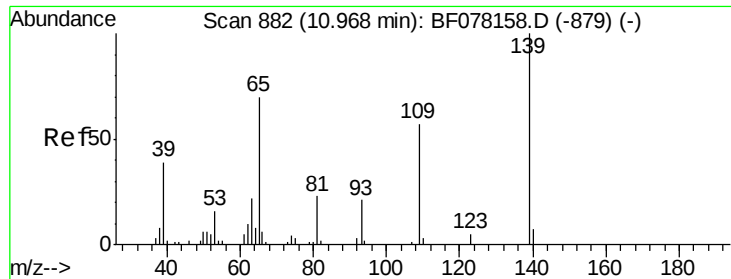
#54
Dibenzofuran
Concen: 47.18 ng
RT: 10.88 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF078359.D
Acq: 9 Apr 2015 14:02

Tgt Ion:168 Resp: 254156
Ion Ratio Lower Upper
168 100
139 41.2 31.0 46.4
169 13.6 10.7 16.1



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

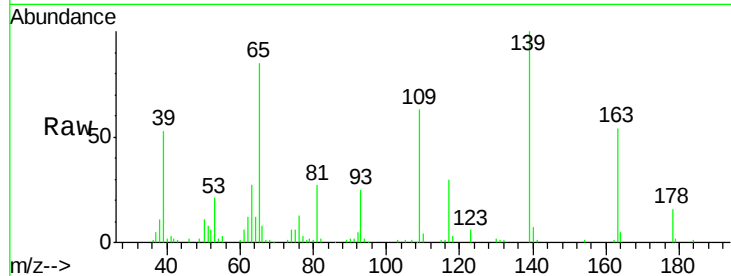




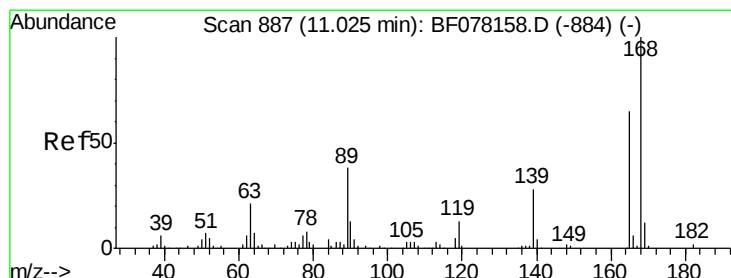
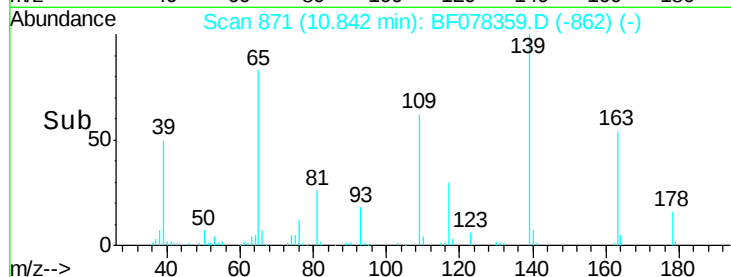
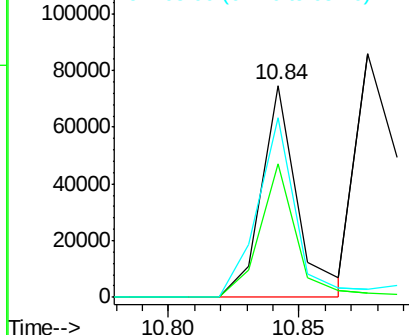
#55
4-Nitrophenol
Concen: 92.21 ng
RT: 10.84 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF078359.D
Acq: 9 Apr 2015 14:02

Instrument :
BNA_F
ClientSampleId :
PB82625BS

Tgt Ion:139 Resp: 72274
Ion Ratio Lower Upper
139 100
109 62.9 36.7 76.7
65 84.9 49.9 89.9

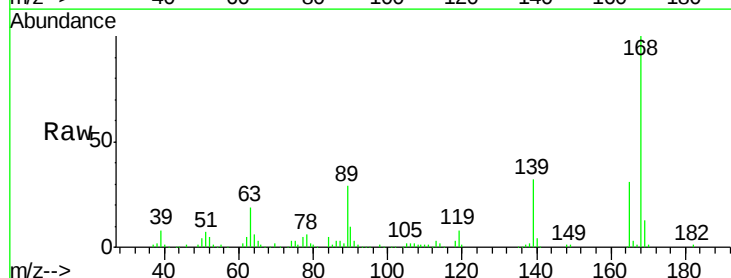


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

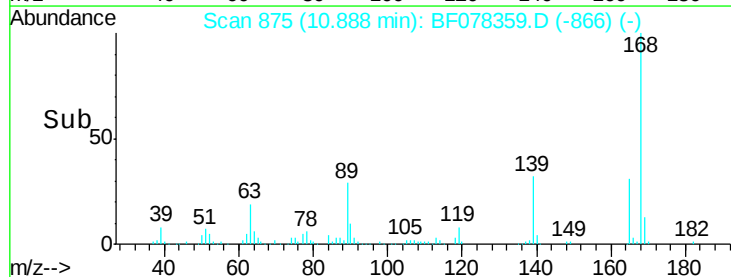
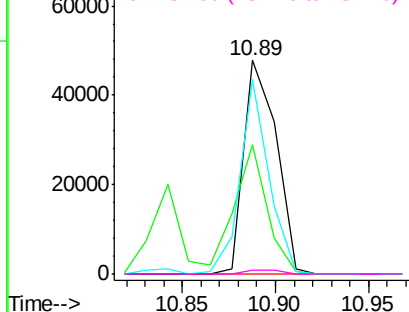


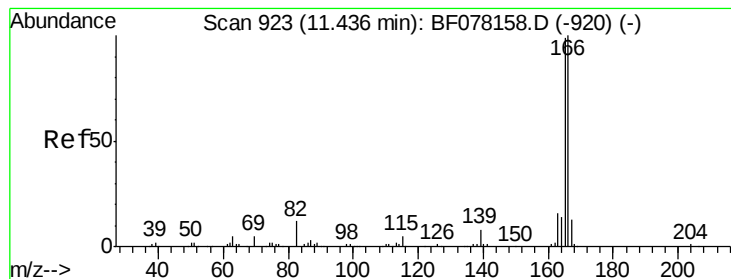
#56
2,4-Dinitrotoluene
Concen: 47.73 ng
RT: 10.89 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF078359.D
Acq: 9 Apr 2015 14:02

Tgt Ion:165 Resp: 57602
Ion Ratio Lower Upper
165 100
63 60.5 26.5 39.7#
89 91.1 46.4 69.6#
182 2.0 2.0 3.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 47.38 ng

RT: 11.30 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF078359.D

Acq: 9 Apr 2015 14:02

Instrument :

BNA_F

ClientSampleId :

PB82625BS

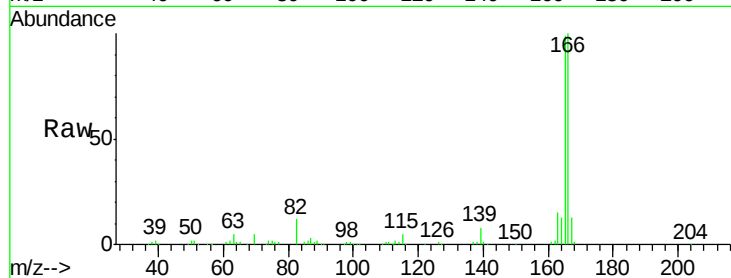
Tgt Ion:166 Resp: 206891

Ion Ratio Lower Upper

166 100

165 98.6 78.9 118.3

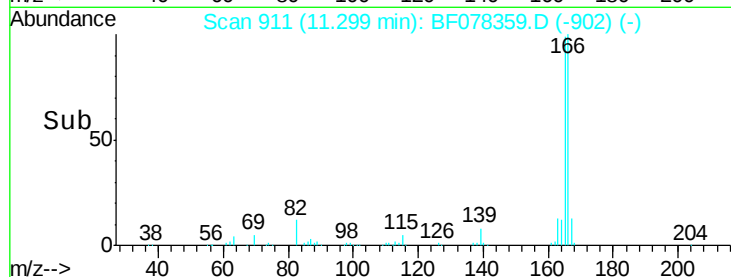
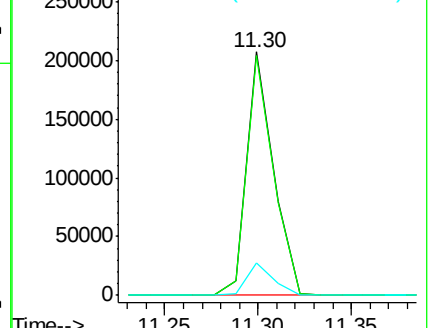
167 13.4 10.7 16.1



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 49.38 ng

RT: 11.05 min Scan# 889

Delta R.T. 0.01 min

Lab File: BF078359.D

Acq: 9 Apr 2015 14:02

Tgt Ion:232 Resp: 45054

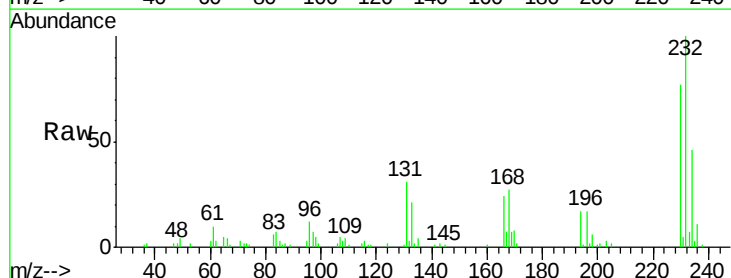
Ion Ratio Lower Upper

232 100

131 45.8 37.8 56.8

130 2.0 1.5 2.3

166 32.6 25.8 38.6

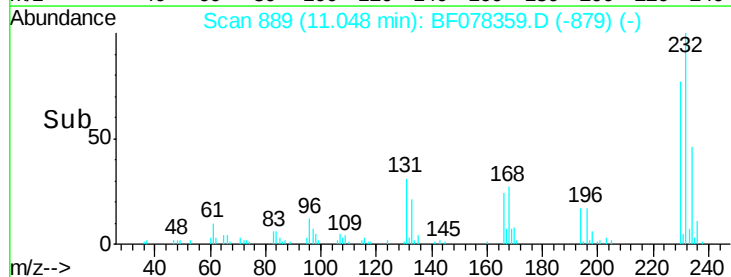
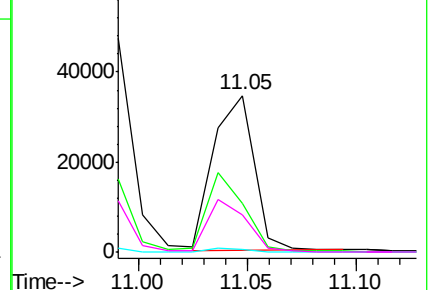


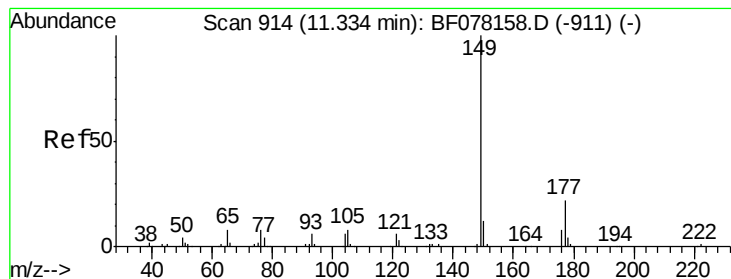
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 45.62 ng

RT: 11.21 min Scan# 903

Delta R.T. 0.00 min

Lab File: BF078359.D

Acq: 9 Apr 2015 14:02

Instrument :

BNA_F

ClientSampleId :

PB82625BS

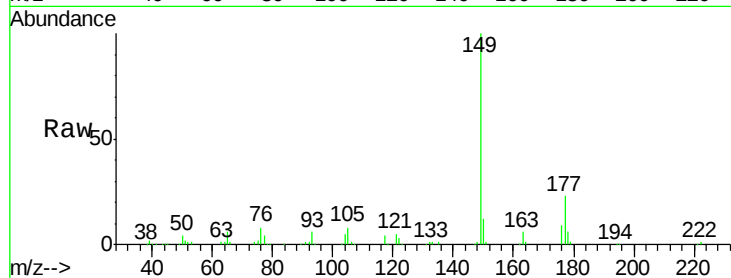
Tgt Ion:149 Resp: 199213

Ion Ratio Lower Upper

149 100

177 23.4 17.4 26.2

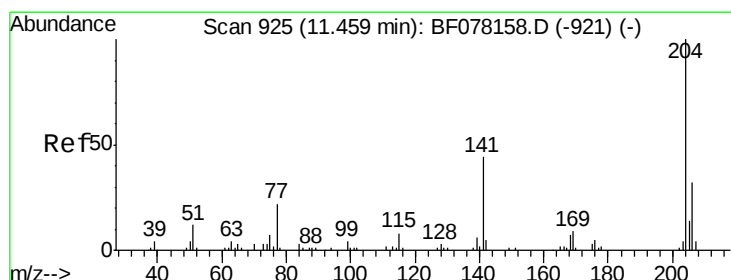
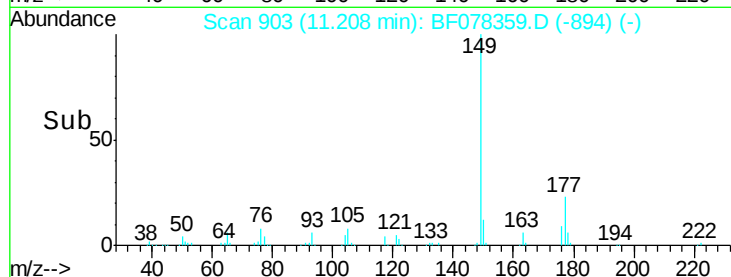
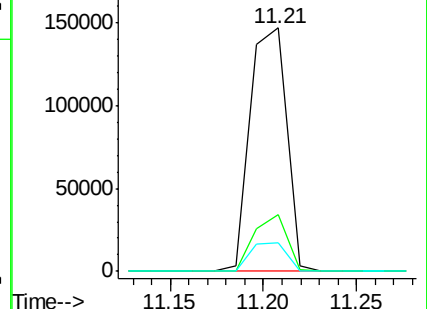
150 11.6 9.4 14.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 47.55 ng

RT: 11.32 min Scan# 913

Delta R.T. 0.00 min

Lab File: BF078359.D

Acq: 9 Apr 2015 14:02

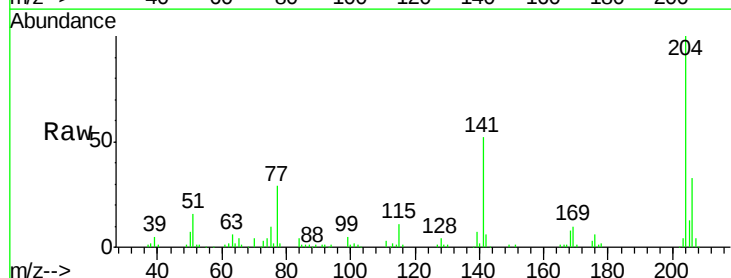
Tgt Ion:204 Resp: 95521

Ion Ratio Lower Upper

204 100

206 32.9 25.6 38.4

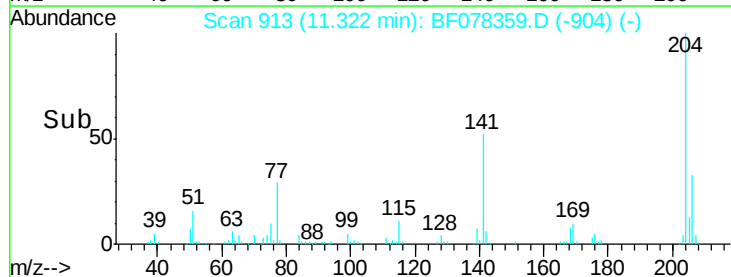
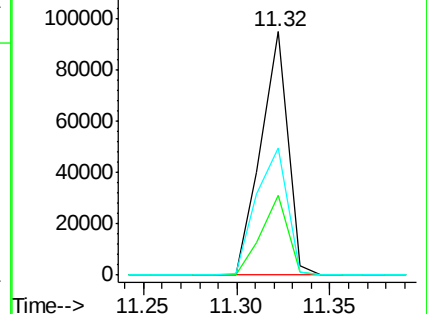
141 52.3 35.4 53.0

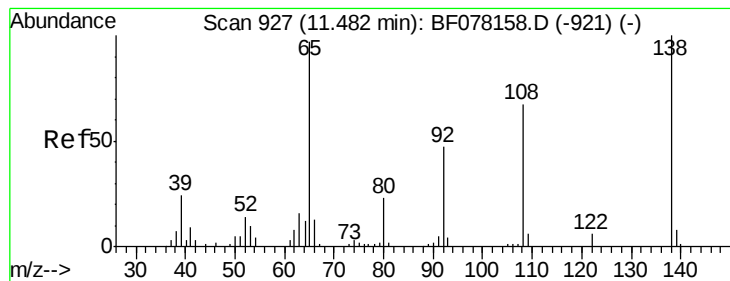


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 40.05 ng

RT: 11.34 min Scan# 915

Delta R.T. 0.00 min

Lab File: BF078359.D

Acq: 9 Apr 2015 14:02

Instrument :

BNA_F

ClientSampleId :

PB82625BS

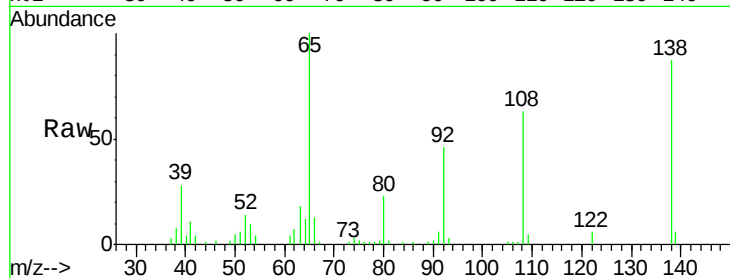
Tgt Ion:138 Resp: 42892

Ion Ratio Lower Upper

138 100

92 53.6 27.3 67.3

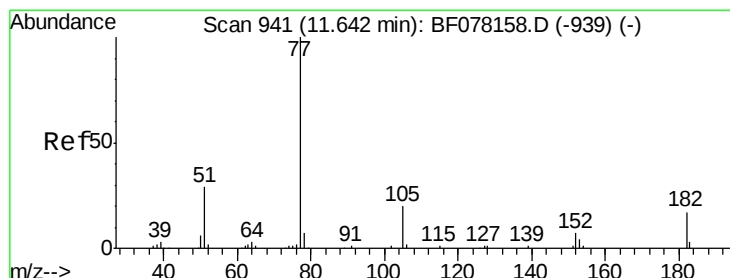
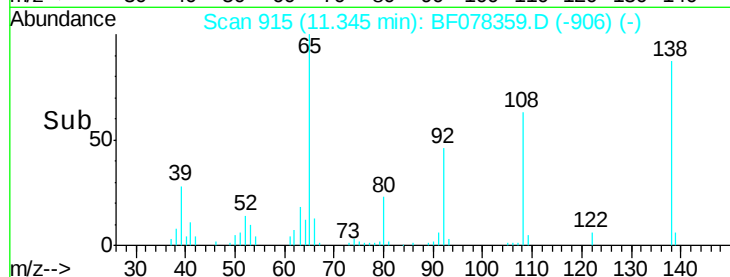
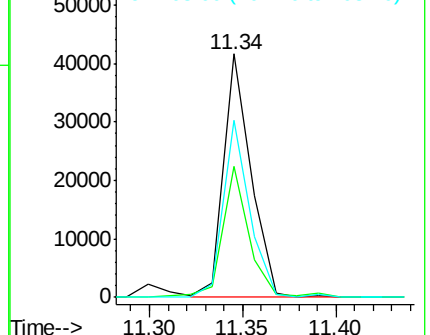
108 73.0 47.2 87.2



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: 53.22 ng

RT: 11.52 min Scan# 930

Delta R.T. 0.00 min

Lab File: BF078359.D

Acq: 9 Apr 2015 14:02

Tgt Ion: 77 Resp: 212113

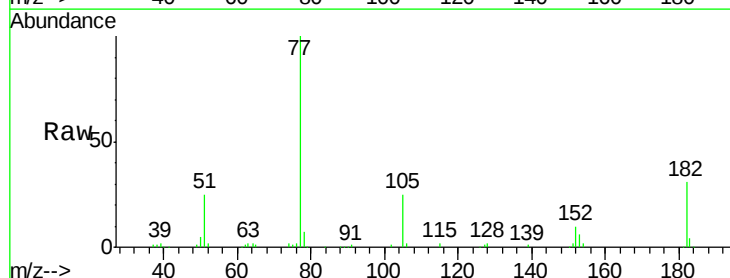
Ion Ratio Lower Upper

77 100

182 31.1 0.0 36.8

105 24.5 0.3 40.3

51 24.7 9.1 49.1

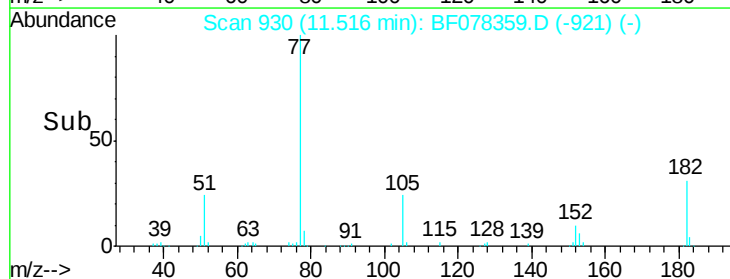
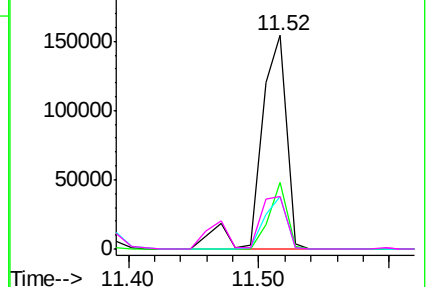


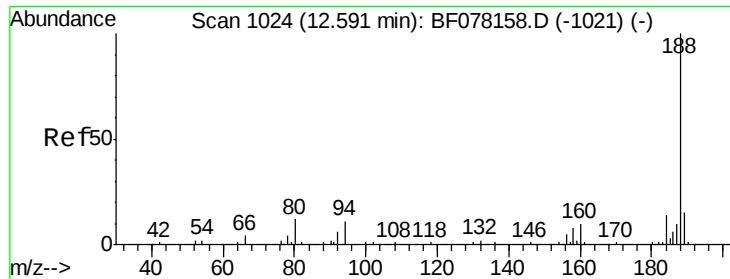
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

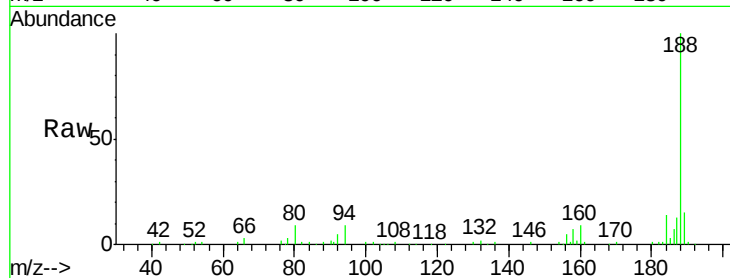




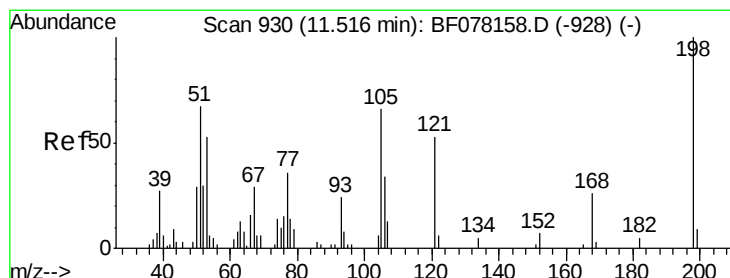
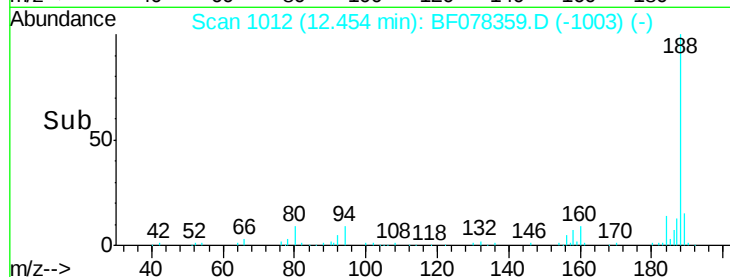
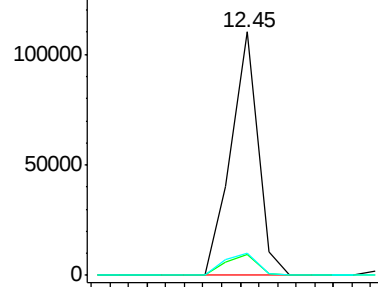
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.45 min Scan# 1012
 Delta R.T. 0.00 min
 Lab File: BF078359.D
 Acq: 9 Apr 2015 14:02

Instrument :
 BNA_F
 ClientSampleId :
 PB82625BS

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	9.0	13.4#
80	9.1	9.5	14.3#

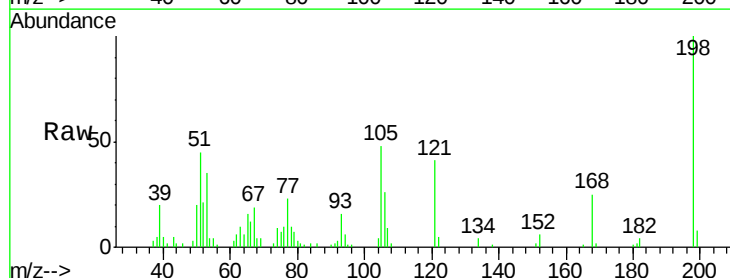


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

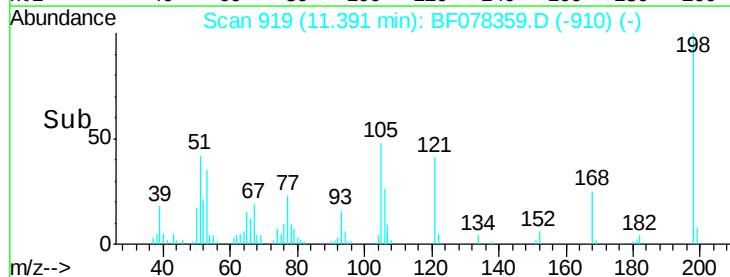
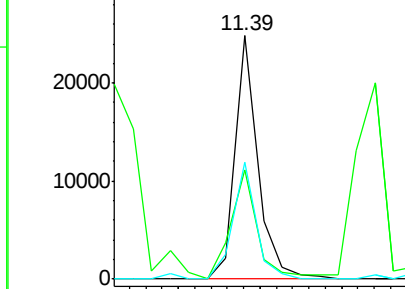


#64
 4,6-Dinitro-2-methylphenol
 Concen: 44.41 ng
 RT: 11.39 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: BF078359.D
 Acq: 9 Apr 2015 14:02

Tgt Ion	Ratio	Lower	Upper
198	100		
51	44.7	48.6	88.6#
105	48.3	45.8	85.8



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

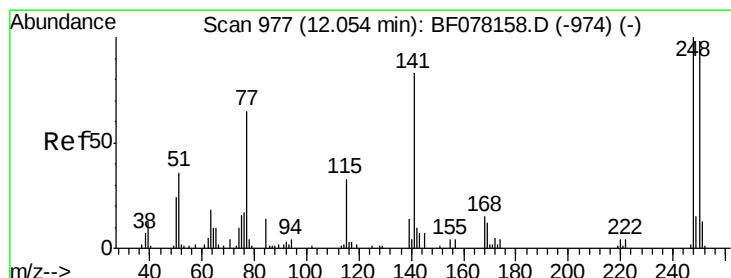
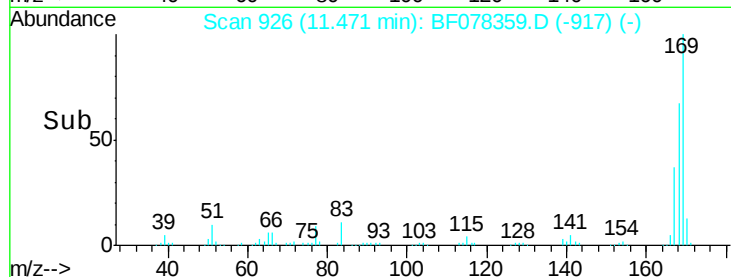
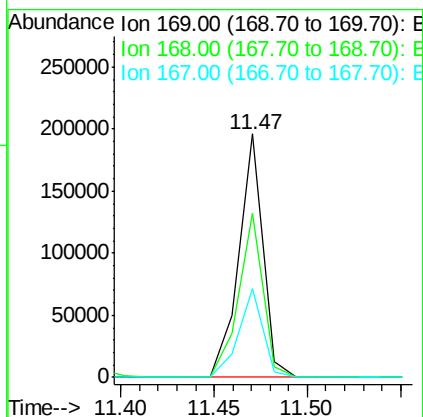
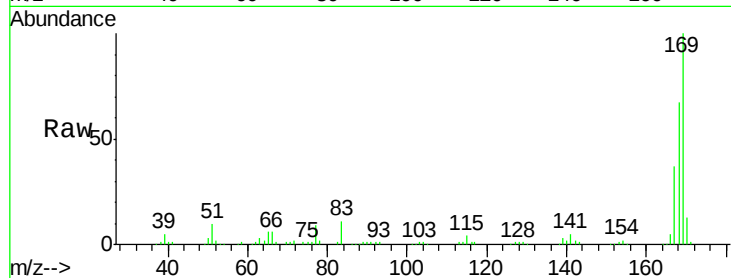




#65
 n-Nitrosodiphenylamine
 Concen: 46.44 ng
 RT: 11.47 min Scan# 926
 Delta R.T. 0.00 min
 Lab File: BF078359.D
 Acq: 9 Apr 2015 14:02

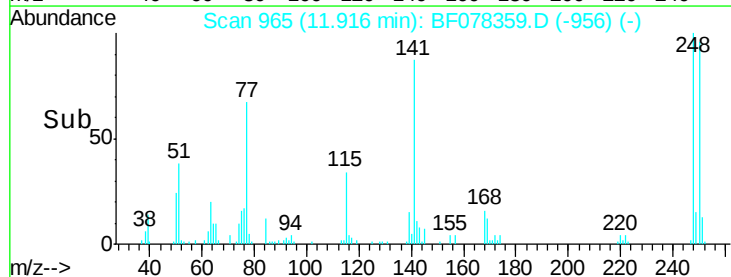
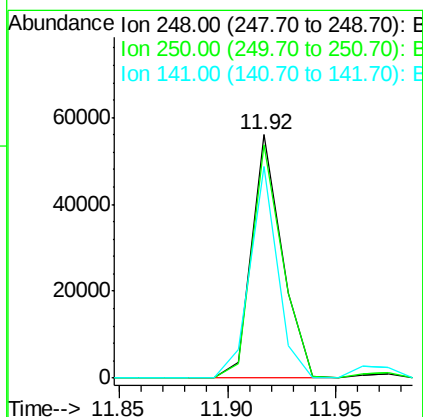
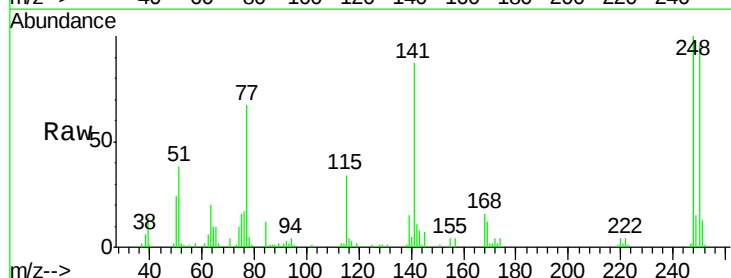
Instrument :
 BNA_F
 ClientSampleId :
 PB82625BS

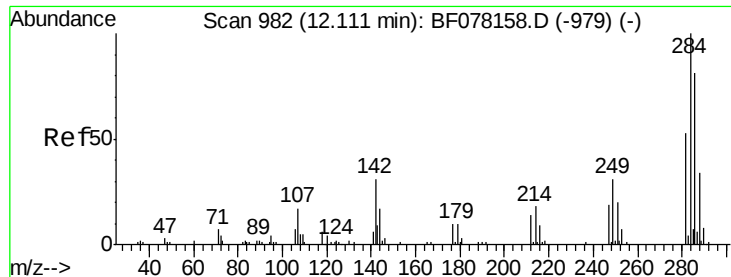
Tgt Ion:169 Resp: 177762
 Ion Ratio Lower Upper
 169 100
 168 67.5 55.0 82.4
 167 36.5 29.3 43.9



#66
 4-Bromophenyl-phenylether
 Concen: 46.47 ng
 RT: 11.92 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: BF078359.D
 Acq: 9 Apr 2015 14:02

Tgt Ion:248 Resp: 54459
 Ion Ratio Lower Upper
 248 100
 250 95.6 78.2 117.2
 141 87.1 66.4 99.6

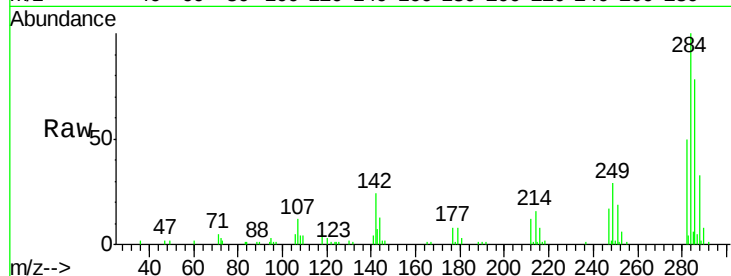




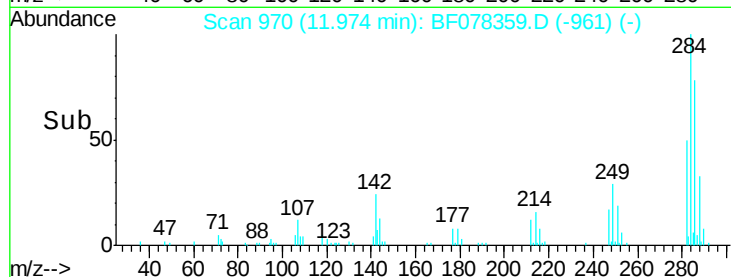
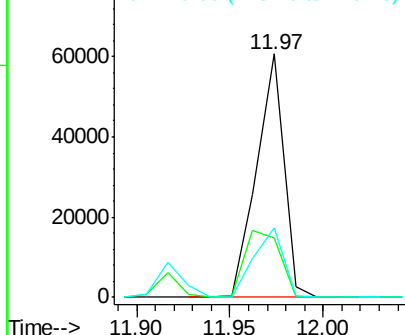
#67
Hexachlorobenzene
Concen: 47.65 ng
RT: 11.97 min Scan# 970
Delta R.T. 0.00 min
Lab File: BF078359.D
Acq: 9 Apr 2015 14:02

Instrument :
BNA_F
ClientSampleId :
PB82625BS

Tgt Ion:284 Resp: 61196
Ion Ratio Lower Upper
284 100
142 24.3 24.5 36.7#
249 28.8 24.8 37.2

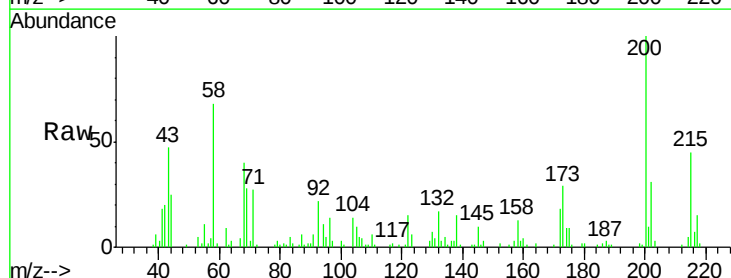


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

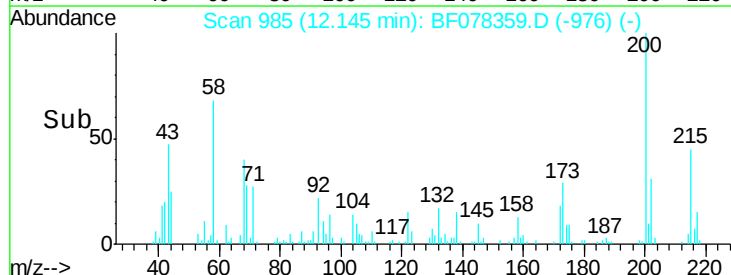
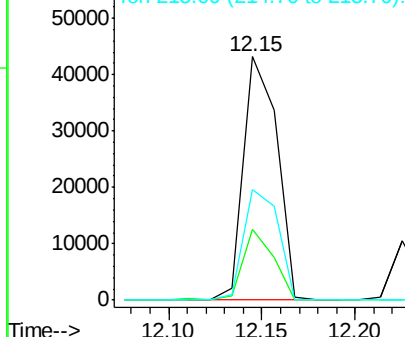


#68
Atrazine
Concen: 49.25 ng
RT: 12.15 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF078359.D
Acq: 9 Apr 2015 14:02

Tgt Ion:200 Resp: 54607
Ion Ratio Lower Upper
200 100
173 29.1 6.9 46.9
215 45.1 27.1 67.1



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

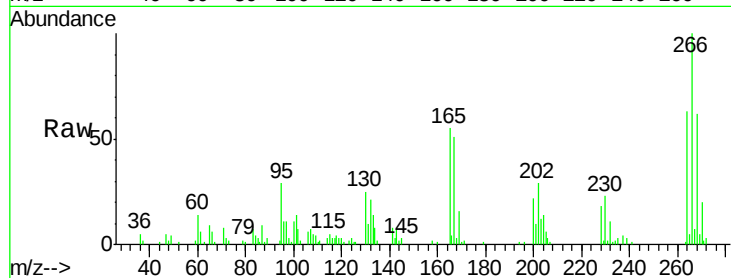




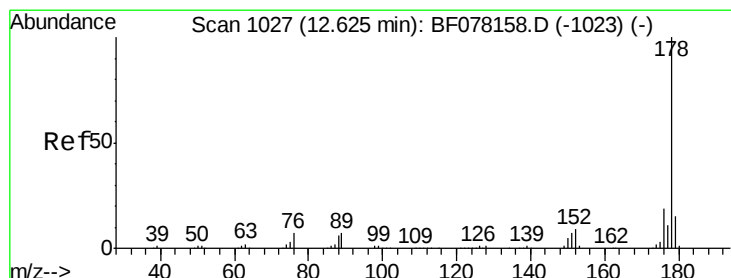
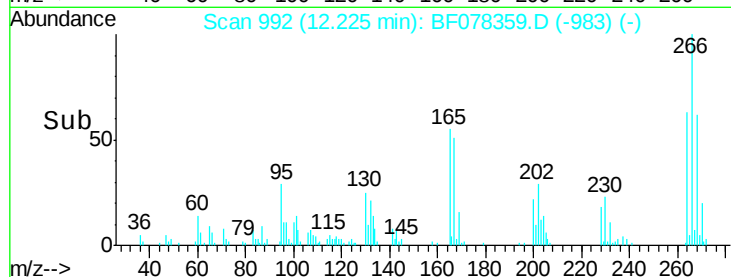
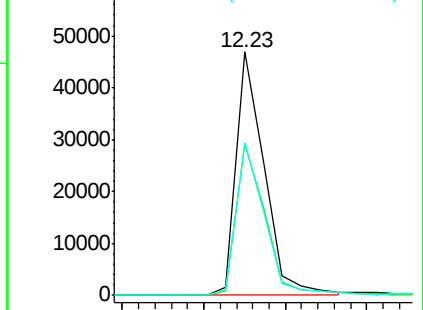
#69
 Pentachlorophenol
 Concen: 95.78 ng
 RT: 12.23 min Scan# 992
 Delta R.T. 0.00 min
 Lab File: BF078359.D
 Acq: 9 Apr 2015 14:02

Instrument :
 BNA_F
 ClientSampleId :
 PB82625BS

Tgt Ion:266 Resp: 55513
 Ion Ratio Lower Upper
 266 100
 268 62.3 50.1 75.1
 264 62.9 50.0 75.0

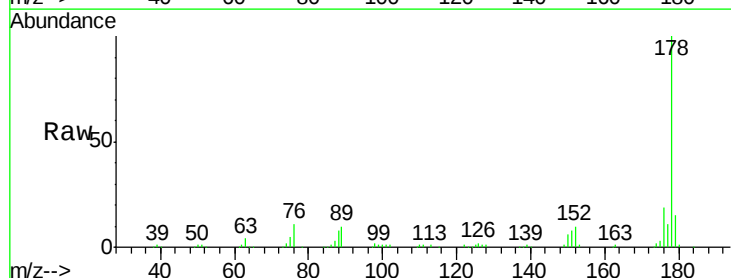


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

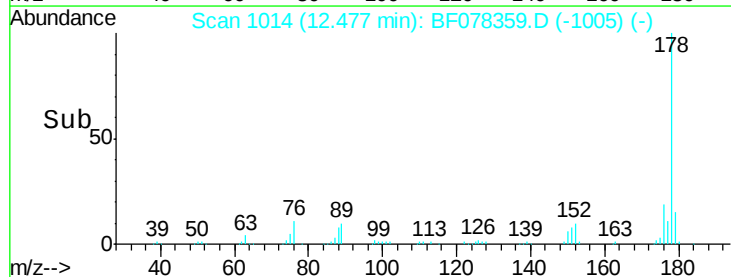
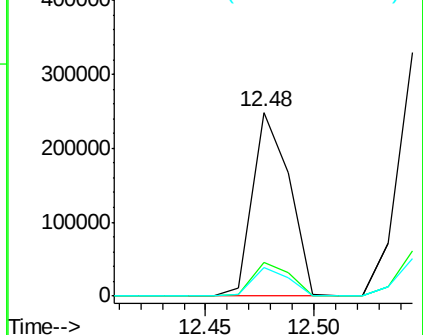


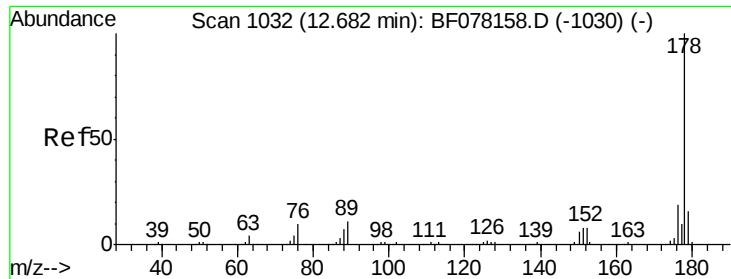
#70
 Phenanthrene
 Concen: 46.19 ng
 RT: 12.48 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: BF078359.D
 Acq: 9 Apr 2015 14:02

Tgt Ion:178 Resp: 295669
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.4 23.0
 179 15.4 12.2 18.2



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

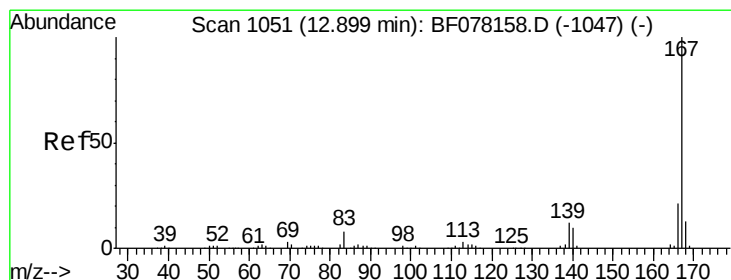
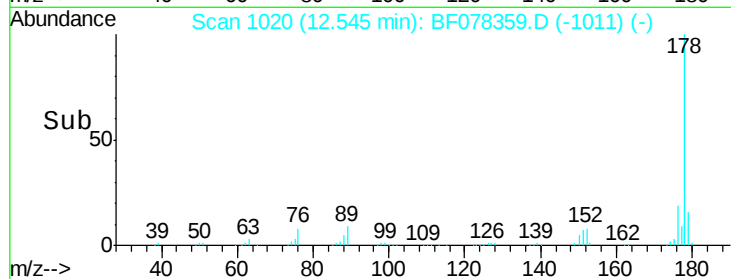
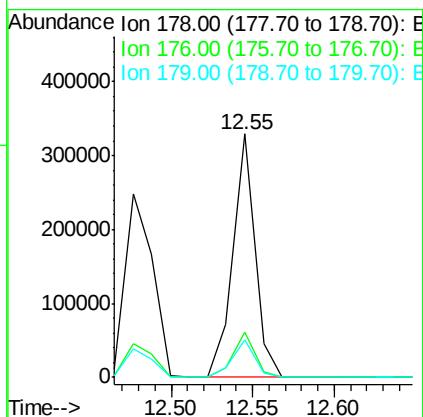
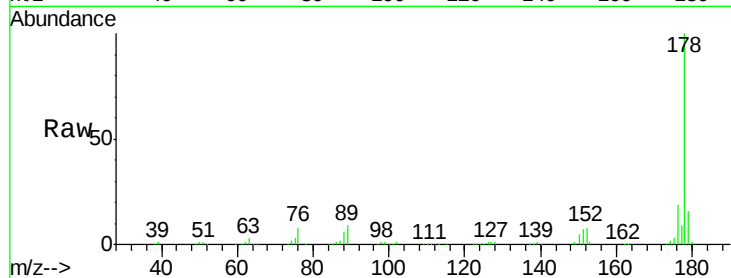




#71
 Anthracene
 Concen: 48.79 ng
 RT: 12.55 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: BF078359.D
 Acq: 9 Apr 2015 14:02

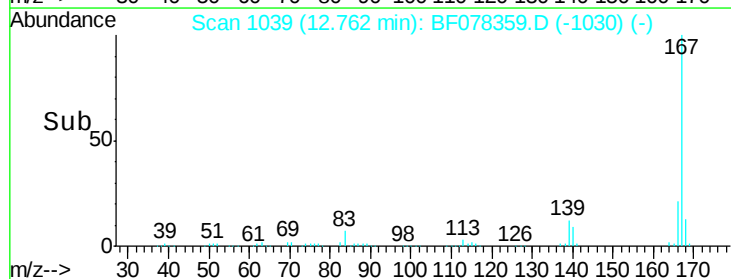
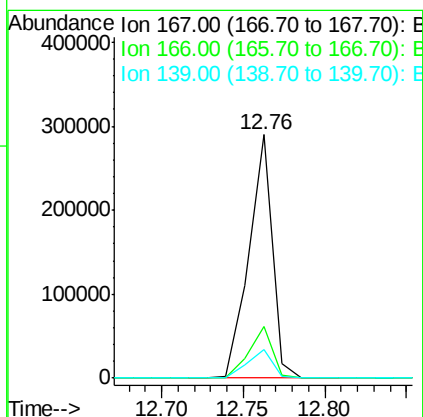
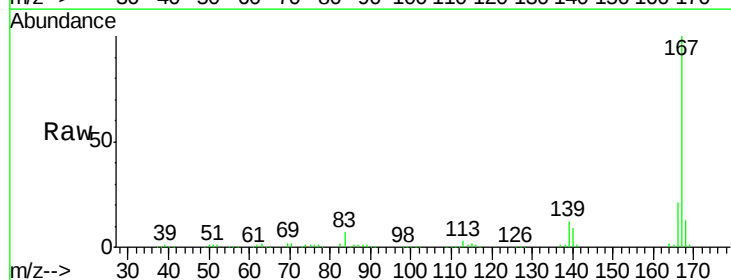
Instrument :
 BNA_F
 ClientSampleId :
 PB82625BS

Tgt Ion:178 Resp: 307748
 Ion Ratio Lower Upper
 178 100
 176 18.7 14.8 22.2
 179 15.5 12.4 18.6



#72
 Carbazole
 Concen: 48.76 ng
 RT: 12.76 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF078359.D
 Acq: 9 Apr 2015 14:02

Tgt Ion:167 Resp: 288269
 Ion Ratio Lower Upper
 167 100
 166 21.2 16.8 25.2
 139 11.7 10.0 15.0

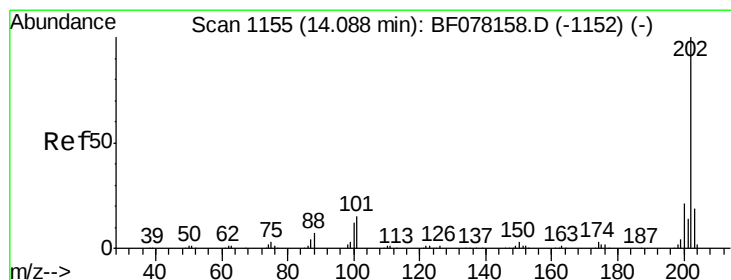
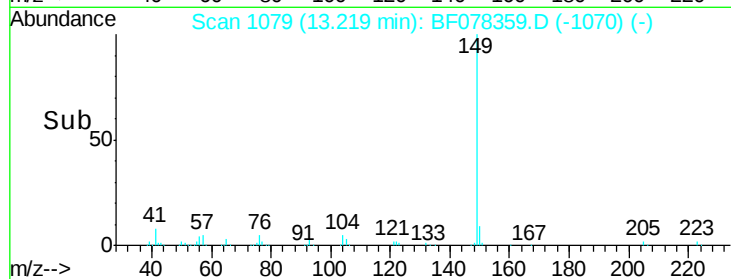
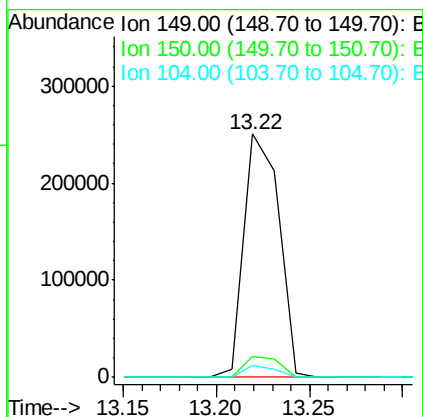
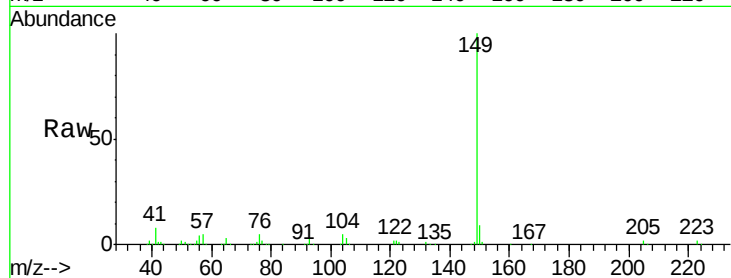




#73
Di-n-butylphthalate
Concen: 48.71 ng
RT: 13.22 min Scan# 1079
Delta R.T. 0.00 min
Lab File: BF078359.D
Acq: 9 Apr 2015 14:02

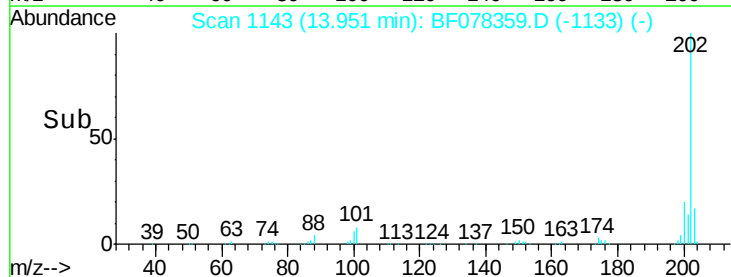
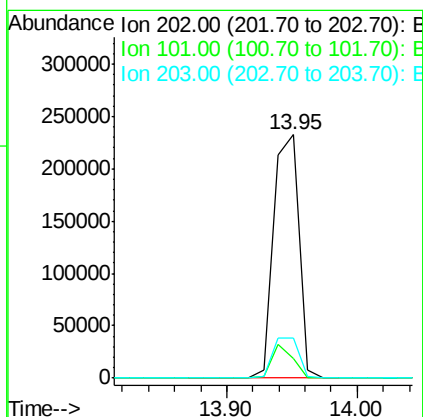
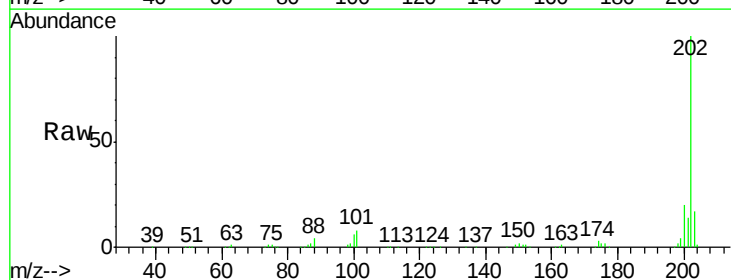
Instrument :
BNA_F
ClientSampleId :
PB82625BS

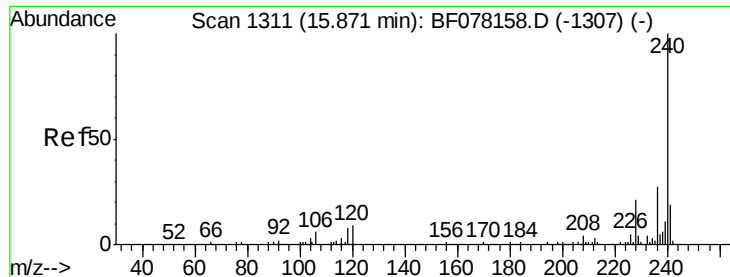
Tgt Ion:149 Resp: 326174
Ion Ratio Lower Upper
149 100
150 8.7 7.1 10.7
104 5.1 3.8 5.6



#74
Fluoranthene
Concen: 47.08 ng
RT: 13.95 min Scan# 1143
Delta R.T. 0.01 min
Lab File: BF078359.D
Acq: 9 Apr 2015 14:02

Tgt Ion:202 Resp: 317837
Ion Ratio Lower Upper
202 100
101 7.9 0.0 35.2
203 16.7 0.0 38.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.77 min Scan# 1302

Delta R.T. 0.05 min

Lab File: BF078359.D

Acq: 9 Apr 2015 14:02

Instrument :

BNA_F

ClientSampleId :

PB82625BS

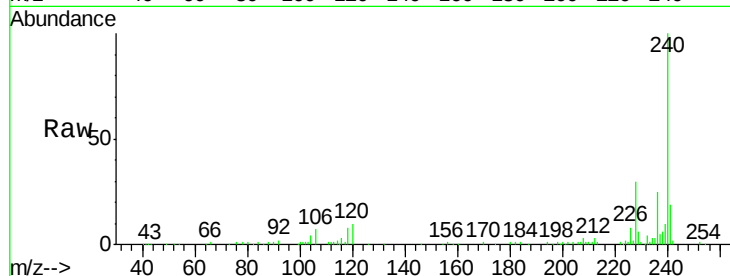
Tgt Ion:240 Resp: 109486

Ion Ratio Lower Upper

240 100

120 9.6 7.1 10.7

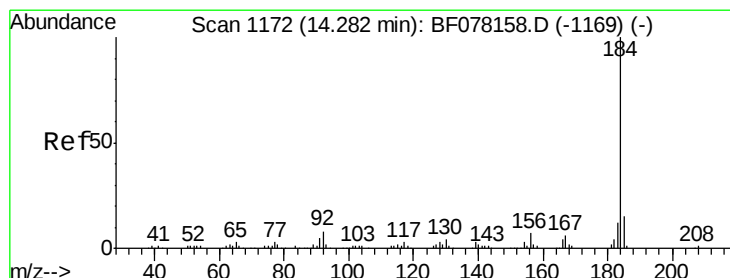
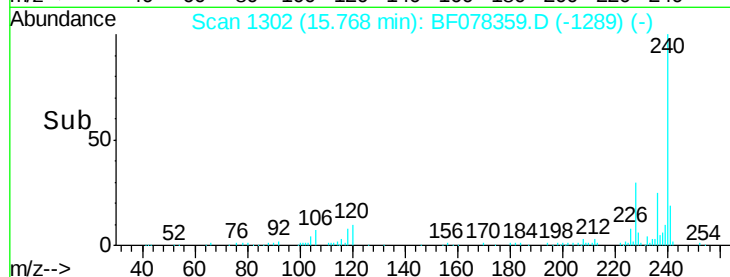
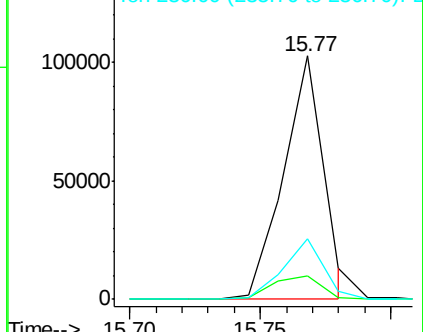
236 25.1 21.4 32.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 33.49 ng

RT: 14.13 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BF078359.D

Acq: 9 Apr 2015 14:02

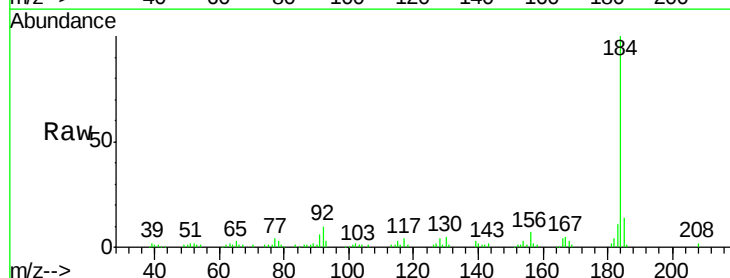
Tgt Ion:184 Resp: 141184

Ion Ratio Lower Upper

184 100

185 14.5 12.2 18.2

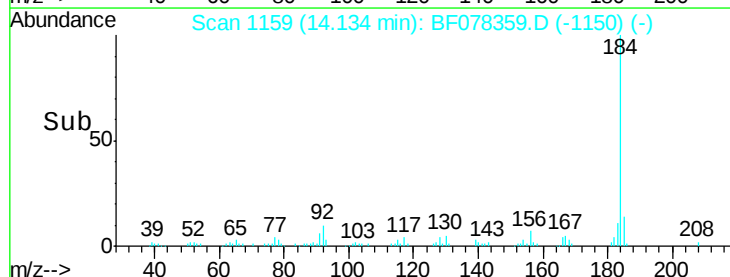
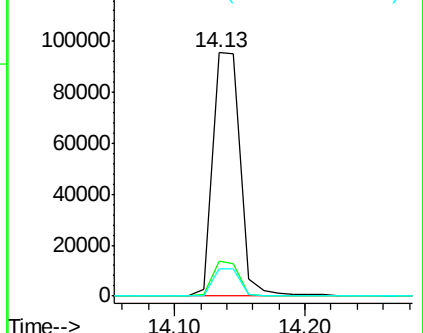
183 11.4 9.5 14.3

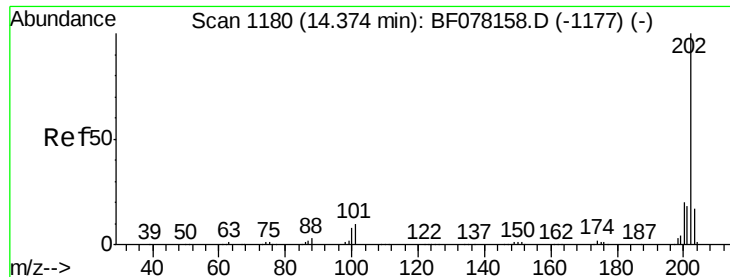


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

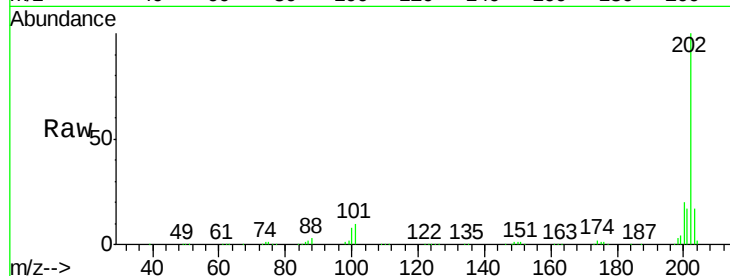




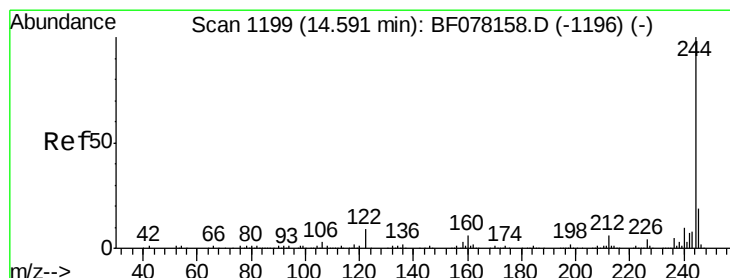
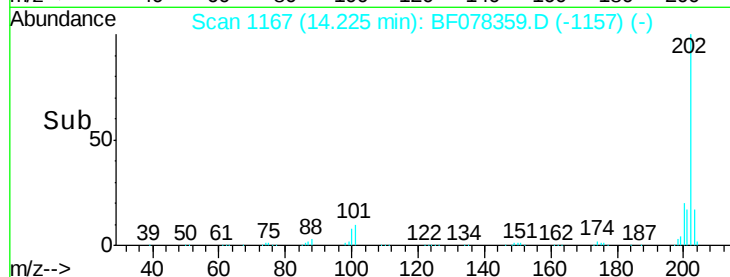
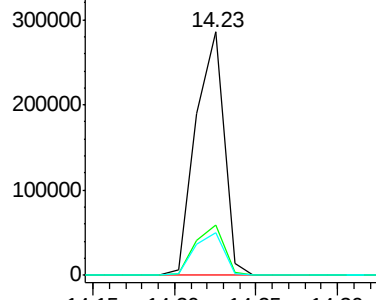
#77
 Pyrene
 Concen: 49.68 ng
 RT: 14.23 min Scan# 1167
 Delta R.T. 0.01 min
 Lab File: BF078359.D
 Acq: 9 Apr 2015 14:02

Instrument :
 BNA_F
 ClientSampleId :
 PB82625BS

Tgt Ion: 202 Resp: 341458
 Ion Ratio Lower Upper
 202 100
 200 20.4 16.3 24.5
 203 17.5 13.8 20.6

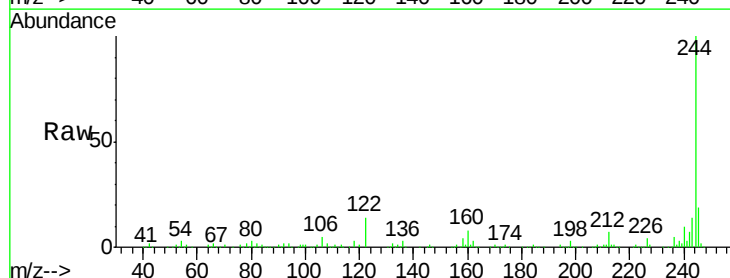


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

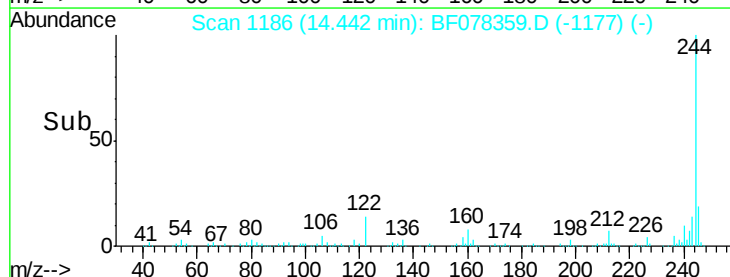
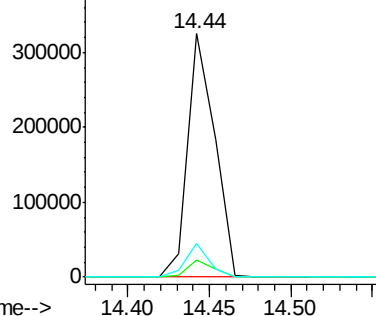


#78
 Terphenyl-d14
 Concen: 76.97 ng
 RT: 14.44 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF078359.D
 Acq: 9 Apr 2015 14:02

Tgt Ion: 244 Resp: 372936
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.0 7.4
 122 13.6 7.1 10.7#



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

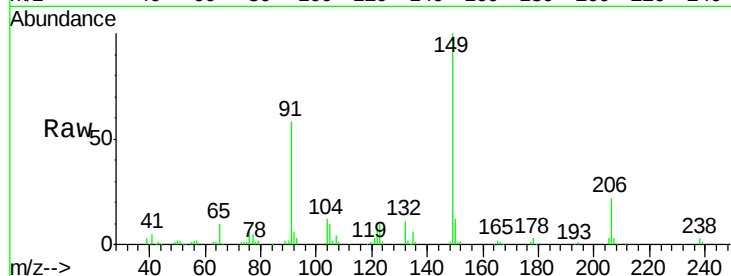




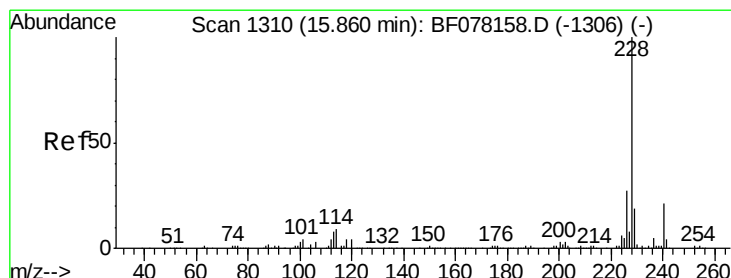
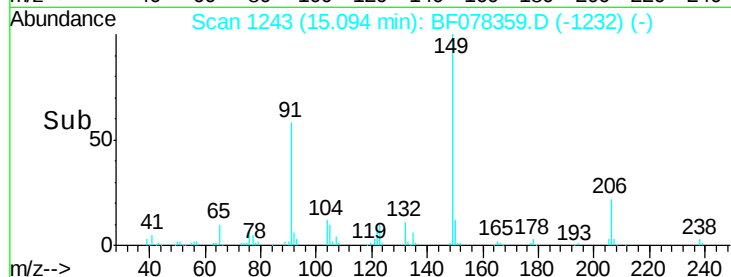
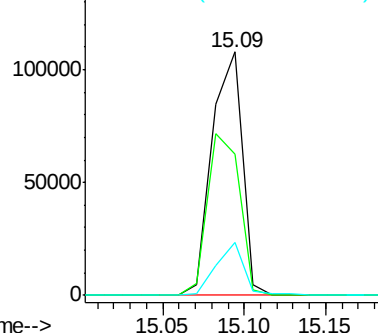
#79
Butylbenzylphthalate
Concen: 52.94 ng
RT: 15.09 min Scan# 1243
Delta R.T. 0.02 min
Lab File: BF078359.D
Acq: 9 Apr 2015 14:02

Instrument :
BNA_F
ClientSampled :
PB82625BS

Tgt Ion:149 Resp: 138669
Ion Ratio Lower Upper
149 100
91 57.9 64.2 96.2#
206 21.8 12.6 18.8#

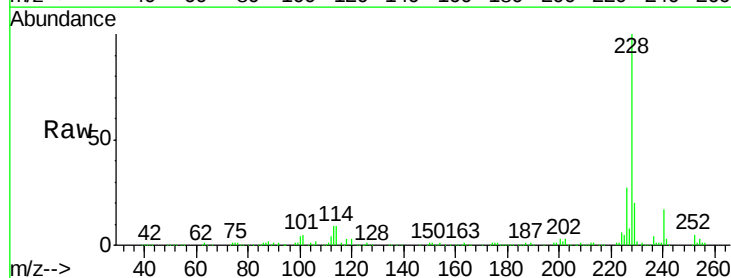


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

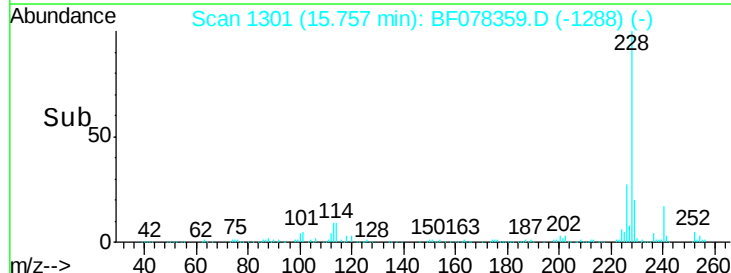
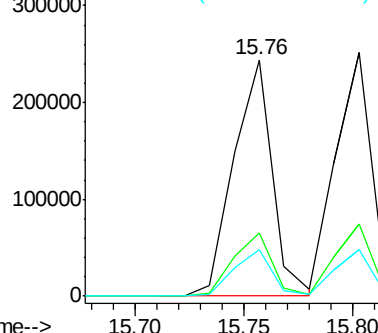


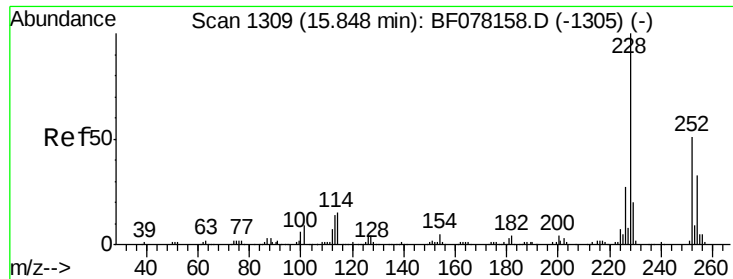
#80
Benzo(a)anthracene
Concen: 46.62 ng
RT: 15.76 min Scan# 1301
Delta R.T. 0.05 min
Lab File: BF078359.D
Acq: 9 Apr 2015 14:02

Tgt Ion:228 Resp: 303660
Ion Ratio Lower Upper
228 100
226 26.8 21.3 31.9
229 19.9 15.4 23.2



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

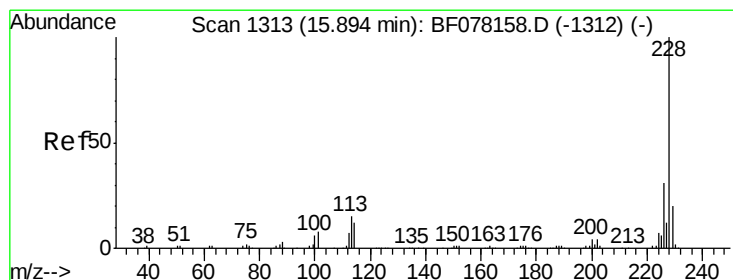
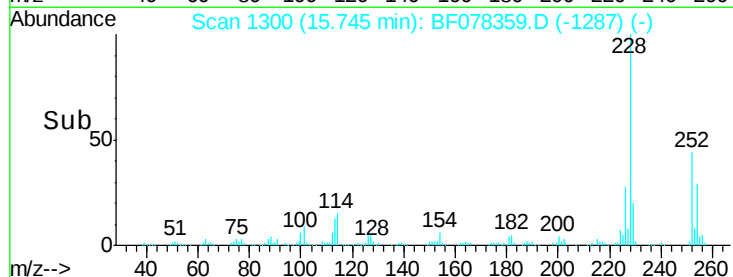
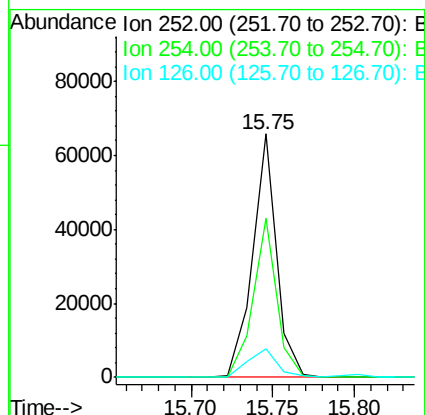
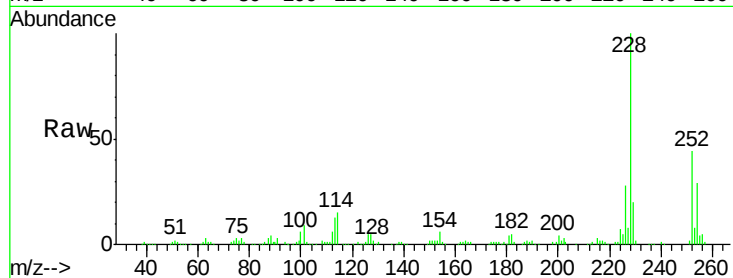




#81
 3,3'-Dichlorobenzidine
 Concen: 30.68 ng
 RT: 15.75 min Scan# 1300
 Delta R.T. 0.05 min
 Lab File: BF078359.D
 Acq: 9 Apr 2015 14:02

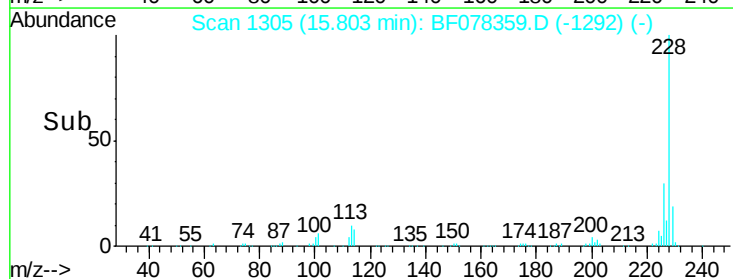
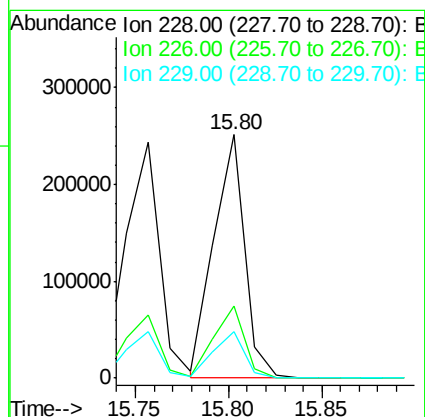
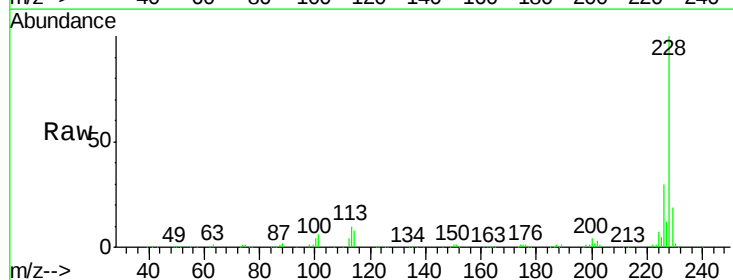
Instrument :
 BNA_F
 ClientSampleId :
 PB82625BS

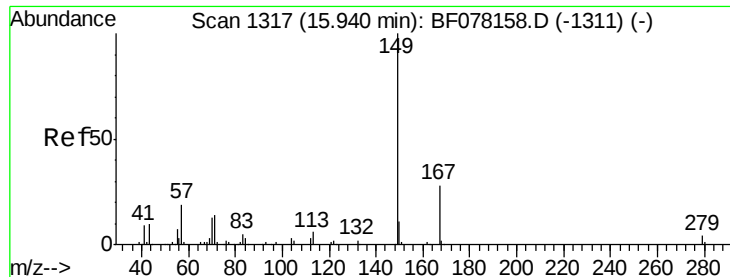
Tgt Ion:252 Resp: 66935
 Ion Ratio Lower Upper
 252 100
 254 65.4 51.2 76.8
 126 11.9 6.3 9.5#



#82
 Chrysene
 Concen: 47.33 ng
 RT: 15.80 min Scan# 1305
 Delta R.T. 0.05 min
 Lab File: BF078359.D
 Acq: 9 Apr 2015 14:02

Tgt Ion:228 Resp: 289684
 Ion Ratio Lower Upper
 228 100
 226 29.7 24.2 36.4
 229 19.1 15.8 23.8

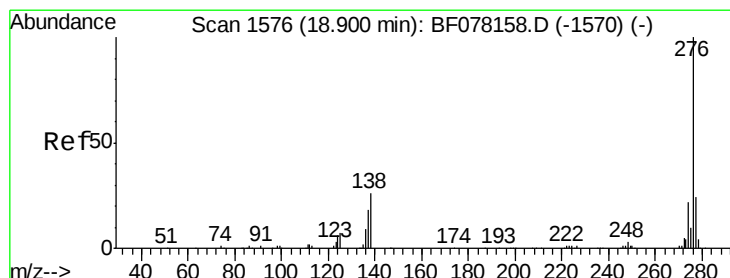
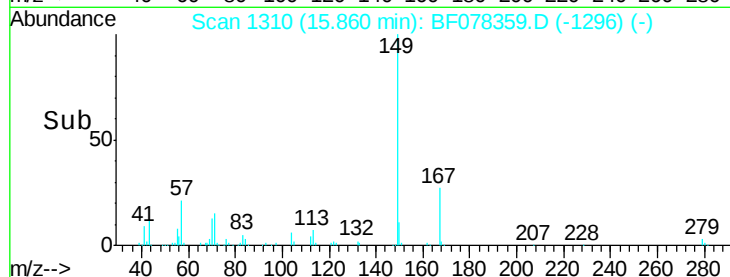
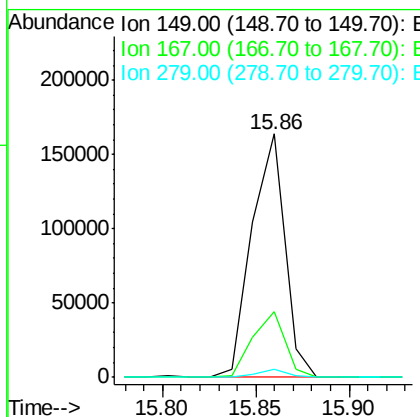
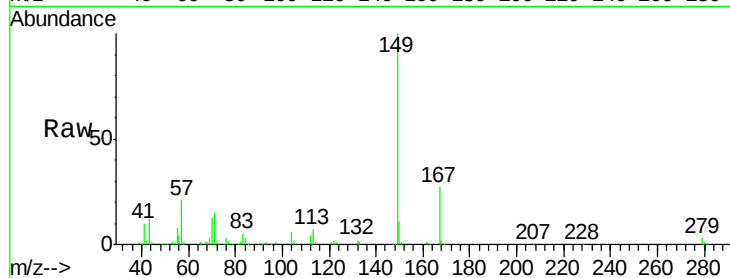




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.97 ng
 RT: 15.86 min Scan# 1310
 Delta R.T. 0.06 min
 Lab File: BF078359.D
 Acq: 9 Apr 2015 14:02

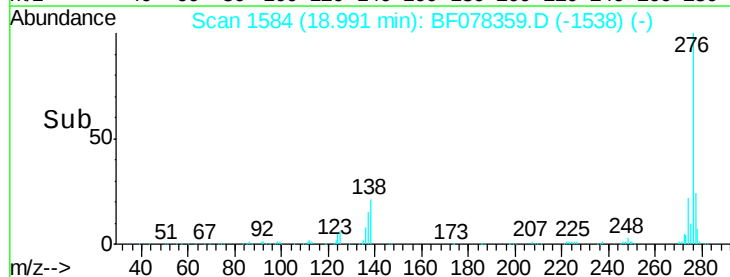
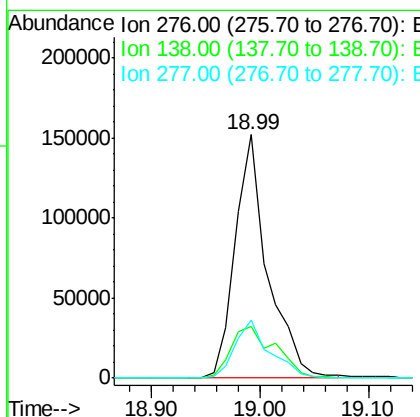
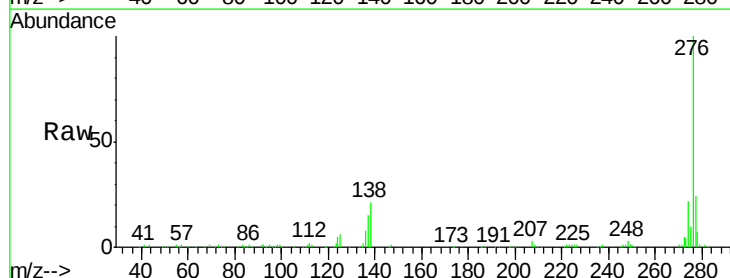
Instrument :
 BNA_F
 ClientSampleId :
 PB82625BS

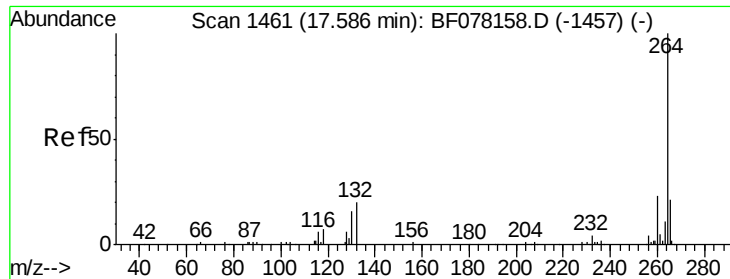
Tgt Ion:149 Resp: 201177
 Ion Ratio Lower Upper
 149 100
 167 26.9 22.2 33.2
 279 3.4 3.2 4.8



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.08 ng
 RT: 18.99 min Scan# 1584
 Delta R.T. 0.23 min
 Lab File: BF078359.D
 Acq: 9 Apr 2015 14:02

Tgt Ion:276 Resp: 313074
 Ion Ratio Lower Upper
 276 100
 138 29.2 16.9 25.3#
 277 25.4 15.8 23.6#



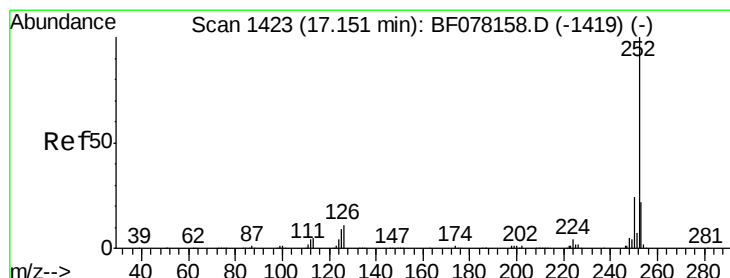
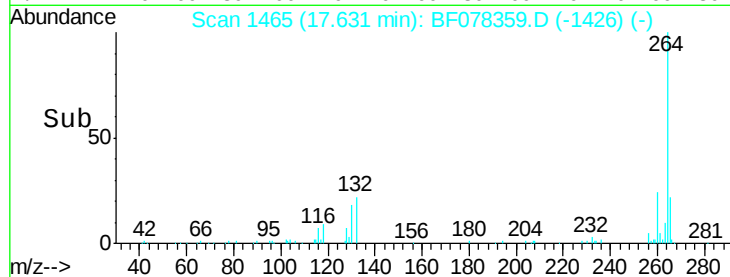
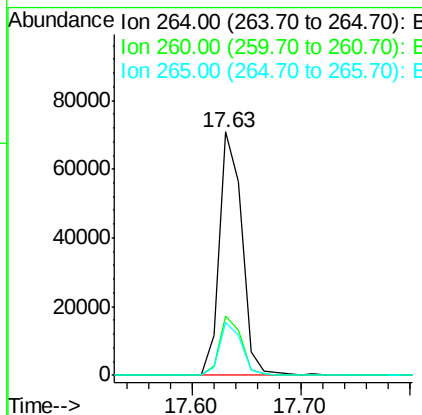
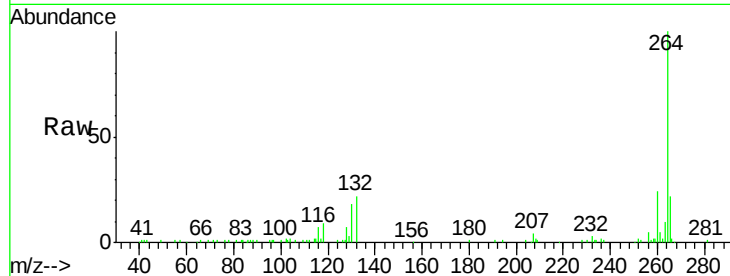


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.63 min Scan# 1465
Delta R.T. 0.15 min
Lab File: BF078359.D
Acq: 9 Apr 2015 14:02

Instrument :
BNA_F
ClientSampleId :
PB82625BS

Tgt Ion: 264 Resp: 102013

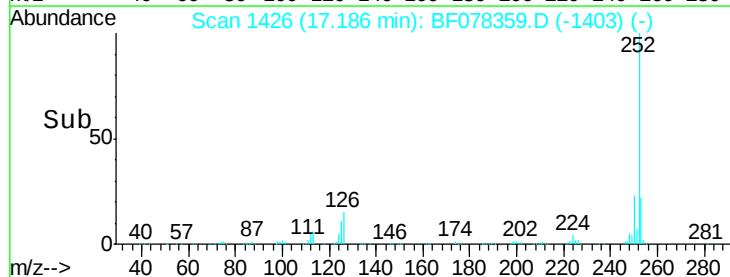
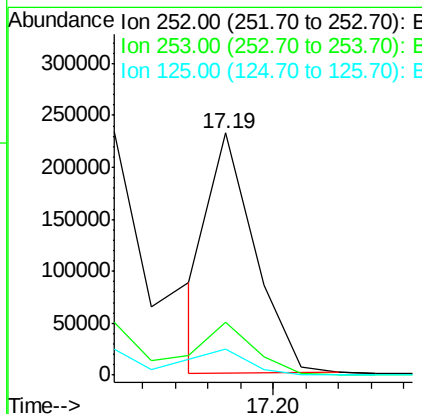
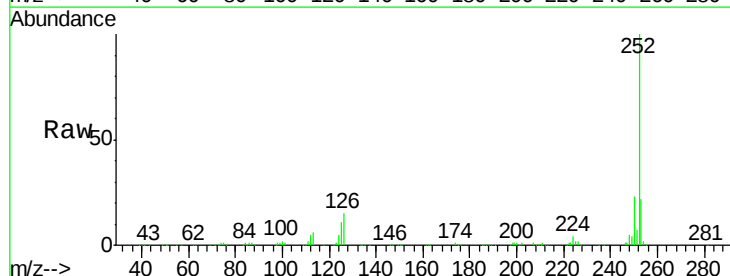
Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.6	27.8
265	21.9	17.0	25.6

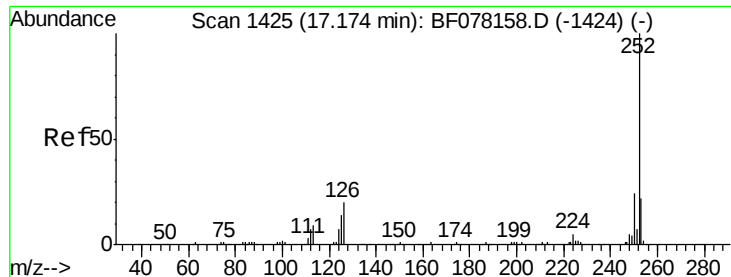


#87
Benzo(b)fluoranthene
Concen: 34.77 ng
RT: 17.19 min Scan# 1426
Delta R.T. 0.16 min
Lab File: BF078359.D
Acq: 9 Apr 2015 14:02

Tgt Ion: 252 Resp: 219189

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	10.8	7.0	10.4

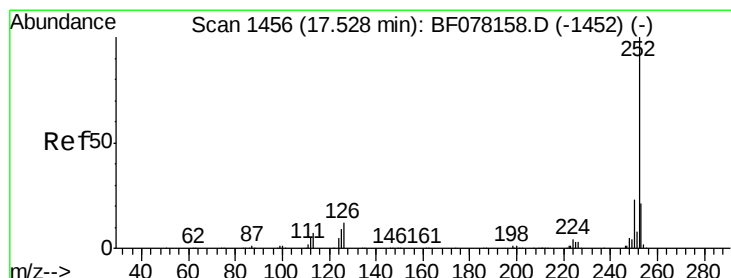
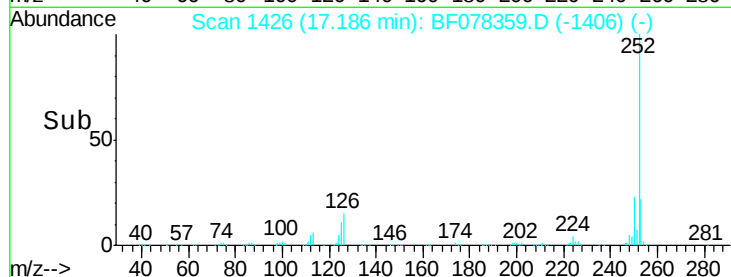
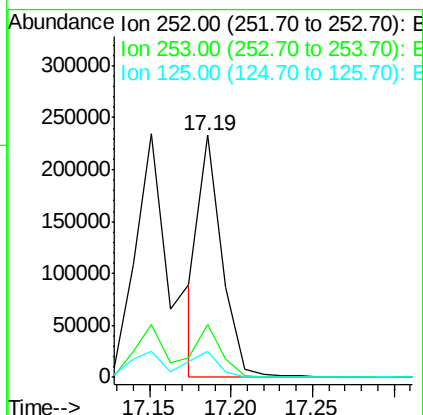
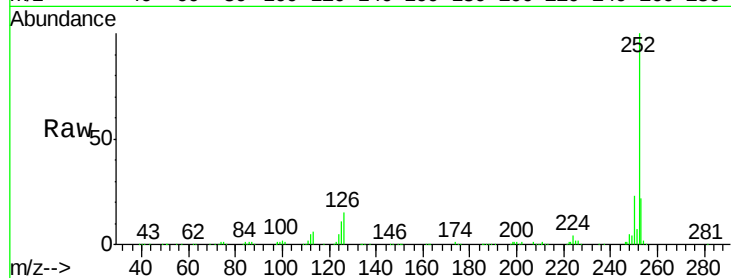




#88
Benzo(k)fluoranthene
Concen: 40.30 ng
RT: 17.19 min Scan# 1426
Delta R.T. 0.13 min
Lab File: BF078359.D
Acq: 9 Apr 2015 14:02

Instrument :
BNA_F
ClientSampleId :
PB82625BS

Tgt Ion:252 Resp: 225817
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 10.8 11.6 17.4#



#89
Benzo(a)pyrene
Concen: 50.88 ng
RT: 17.56 min Scan# 1459
Delta R.T. 0.15 min
Lab File: BF078359.D
Acq: 9 Apr 2015 14:02

Tgt Ion:252 Resp: 279956
Ion Ratio Lower Upper
252 100
253 22.0 16.8 25.2
125 13.9 7.4 11.0#

