

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040115\
 Data File : BF078173.D
 Acq On : 2 Apr 2015 1:18
 Operator : TP/IZ
 Sample : PB82482BSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82482BSD

Quant Time: Apr 02 04:29:53 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 02 04:05:08 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	36109	20.00	ng	0.00
21) Naphthalene-d8	8.59	136	146891	20.00	ng	0.00
38) Acenaphthene-d10	10.76	164	75407	20.00	ng	0.00
63) Phenanthrene-d10	12.59	188	143800	20.00	ng	0.00
75) Chrysene-d12	15.86	240	146214	20.00	ng	-0.01
86) Perylene-d12	17.54	264	140428	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	281134	128.37	ng	0.00
7) Phenol-d6	6.60	99	340371	124.01	ng	0.00
23) Nitrobenzene-d5	7.71	82	195464	80.66	ng	0.00
41) 2,4,6-Tribromophenol	11.74	330	86924	138.99	ng	0.00
44) 2-Fluorobiphenyl	9.94	172	437098	82.86	ng	0.00
78) Terphenyl-d14	14.59	244	526101	81.31	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.88	88	31224	31.53	ng	94
3) Pyridine	2.52	79	101378	39.08	ng	99
4) n-Nitrosodimethylamine	2.45	42	39036	39.09	ng	99
6) Aniline	6.60	93	64036	16.45	ng	# 73
8) 2-Chlorophenol	6.75	128	112363	43.39	ng	99
9) Benzaldehyde	6.46	77	2894	1.59	ng	91
10) Phenol	6.62	94	135870	41.31	ng	99
11) bis(2-Chloroethyl)ether	6.72	93	106414	45.00	ng	98
12) 1,3-Dichlorobenzene	6.93	146	114669	40.31	ng	98
13) 1,4-Dichlorobenzene	7.04	146	119668	41.79	ng	98
14) 1,2-Dichlorobenzene	7.22	146	112585	41.94	ng	99
15) Benzyl Alcohol	7.21	79	83621	43.36	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.39	45	137418	43.56	ng	100
17) 2-Methylphenol	7.37	107	89454	44.49	ng	98
18) Hexachloroethane	7.64	117	40581	42.03	ng	97
19) n-Nitroso-di-n-propylamine	7.55	70	75246	41.55	ng	99
20) 3+4-Methylphenols	7.56	107	117361	43.76	ng	98
22) Acetophenone	7.53	105	153539	44.86	ng	# 88
24) Nitrobenzene	7.73	77	106523	42.05	ng	# 77
25) Isophorone	8.04	82	202430	44.01	ng	100
26) 2-Nitrophenol	8.13	139	54877	45.46	ng	95
27) 2,4-Dimethylphenol	8.21	122	102441	45.63	ng	98
28) bis(2-Chloroethoxy)methane	8.33	93	132826	45.04	ng	99
29) 2,4-Dichlorophenol	8.44	162	92865	45.47	ng	99
30) 1,2,4-Trichlorobenzene	8.53	180	98014	41.86	ng	99
31) Naphthalene	8.62	128	322431	42.17	ng	99
32) Benzoic acid	8.34	122	41239	40.14	ng	93
33) 4-Chloroaniline	8.70	127	57932	18.26	ng	99
34) Hexachlorobutadiene	8.78	225	56346	43.82	ng	99
35) Caprolactam	9.13	113	27556	45.20	ng	99
36) 4-Chloro-3-methylphenol	9.32	107	93253	45.25	ng	98
37) 2-Methylnaphthalene	9.48	142	230084	44.33	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.69	216	98454	42.14	ng	99
40) Hexachlorocyclopentadiene	9.68	237	93037	92.86	ng	98

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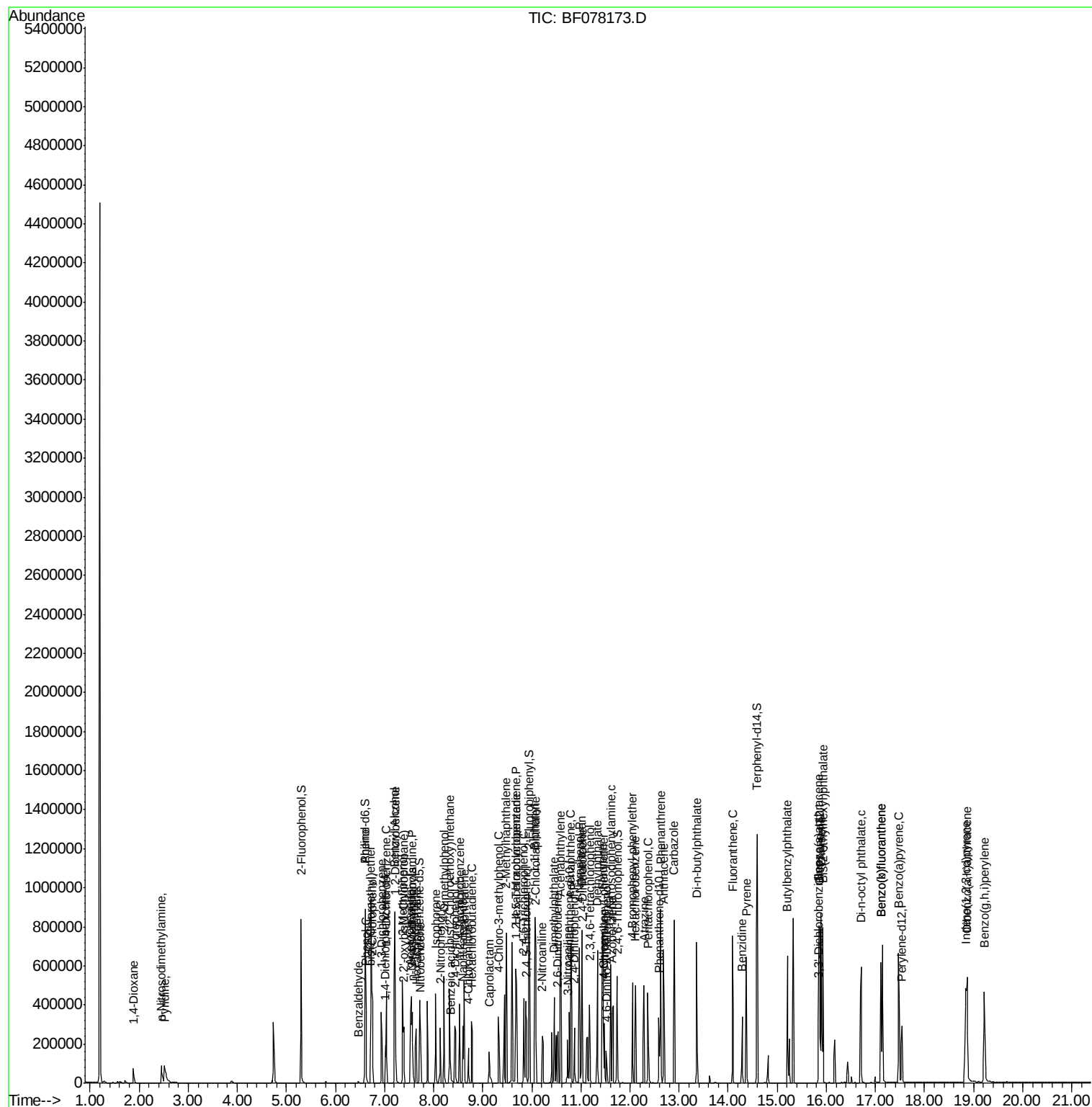
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.84	196	64135	43.52	ng	99
43) 2,4,5-Trichlorophenol	9.89	196	69400	45.08	ng	# 85
45) 1,1'-Biphenyl	10.06	154	269062	43.62	ng	100
46) 2-Chloronaphthalene	10.08	162	208956	43.06	ng	99
47) 2-Nitroaniline	10.21	65	54632	45.50	ng	97
48) Acenaphthylene	10.59	152	333852	42.60	ng	100
49) Dimethylphthalate	10.45	163	247199	43.63	ng	100
50) 2,6-Dinitrotoluene	10.53	165	54506	46.76	ng	91
51) Acenaphthene	10.80	154	192478	43.62	ng	100
52) 3-Nitroaniline	10.73	138	35096	26.48	ng	100
53) 2,4-Dinitrophenol	10.86	184	39675	84.93	ng	100
54) Dibenzofuran	11.01	168	298188	44.25	ng	99
55) 4-Nitrophenol	10.97	139	83541	85.41	ng	89
56) 2,4-Dinitrotoluene	11.02	165	72302	47.90	ng	93
57) Fluorene	11.44	166	243721	44.62	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.17	232	53859	47.19	ng	99
59) Diethylphthalate	11.33	149	244186	44.70	ng	100
60) 4-Chlorophenyl-phenylether	11.46	204	115459	45.95	ng	99
61) 4-Nitroaniline	11.48	138	54381	40.59	ng	97
62) Azobenzene	11.64	77	230168	46.17	ng	98
64) 4,6-Dinitro-2-methylphenol	11.53	198	28127	40.94	ng	# 51
65) n-Nitrosodiphenylamine	11.61	169	213970	43.02	ng	99
66) 4-Bromophenyl-phenylether	12.05	248	68497	44.98	ng	96
67) Hexachlorobenzene	12.11	284	73028	43.76	ng	99
68) Atrazine	12.28	200	66770	46.35	ng	97
69) Pentachlorophenol	12.36	266	61508	82.81	ng	97
70) Phenanthrene	12.63	178	372783	44.82	ng	99
71) Anthracene	12.68	178	357140	43.57	ng	99
72) Carbazole	12.90	167	344629	44.86	ng	99
73) Di-n-butylphthalate	13.36	149	389261	44.73	ng	100
74) Fluoranthene	14.09	202	376147	42.88	ng	97
76) Benzidine	14.28	184	138856	23.94	ng	99
77) Pyrene	14.37	202	405408	44.17	ng	99
79) Butylbenzylphthalate	15.21	149	167929	48.00	ng	96
80) Benzo(a)anthracene	15.85	228	376536	43.28	ng	98
81) 3,3'-Dichlorobenzidine	15.84	252	50890	17.47	ng	# 95
82) Chrysene	15.89	228	350442	42.87	ng	100
83) Bis(2-ethylhexyl)phthalate	15.93	149	255768	46.61	ng	# 96
84) Di-n-octyl phthalate	16.71	149	432614	48.02	ng	# 100
85) Indeno(1,2,3-cd)pyrene	18.84	276	398233	42.94	ng	# 86
87) Benzo(b)fluoranthene	17.12	252	375358	43.25	ng	99
88) Benzo(k)fluoranthene	17.12	252	375358	48.67	ng	# 94
89) Benzo(a)pyrene	17.47	252	351984	46.47	ng	# 94
90) Dibenzo(a,h)anthracene	18.87	278	325882	42.97	ng	99
91) Benzo(g,h,i)perylene	19.22	276	333061	43.81	ng	99

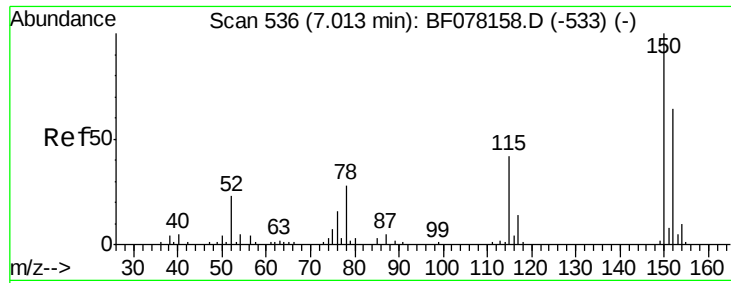
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.01 min Scan# 536

Delta R.T. -0.00 min

Lab File: BF078173.D

Acq: 2 Apr 2015 1:18

Instrument :

BNA_F

ClientSampleId :

PB82482BSD

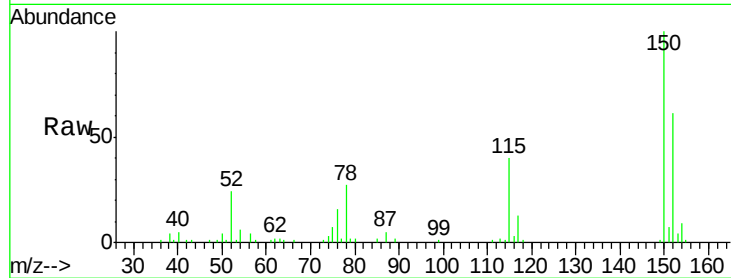
Tgt Ion:152 Resp: 36109

Ion Ratio Lower Upper

152 100

150 162.8 125.9 188.9

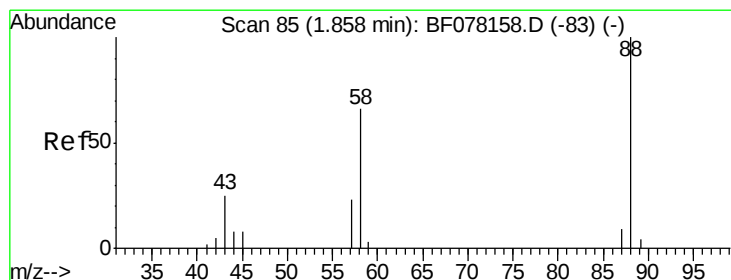
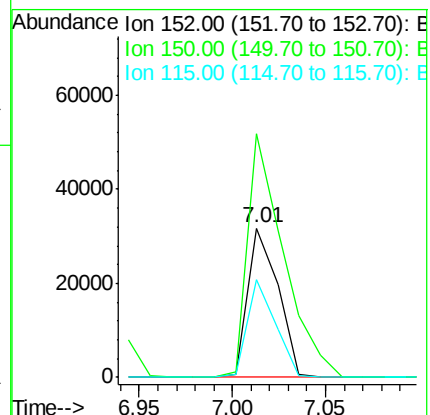
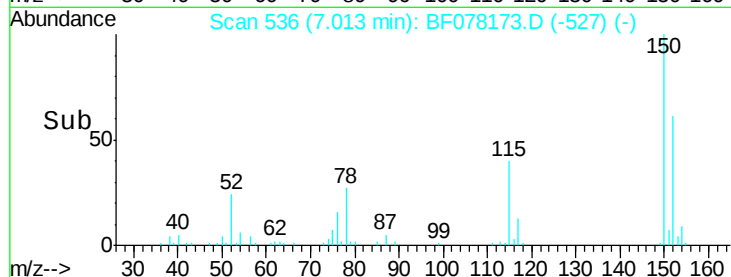
115 65.7 52.7 79.1



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: 31.53 ng

RT: 1.88 min Scan# 87

Delta R.T. 0.02 min

Lab File: BF078173.D

Acq: 2 Apr 2015 1:18

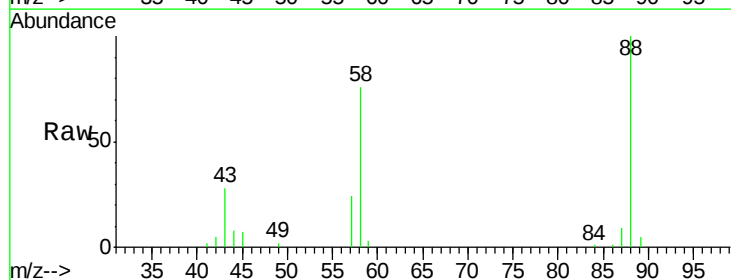
Tgt Ion: 88 Resp: 31224

Ion Ratio Lower Upper

88 100

58 77.1 56.9 85.3

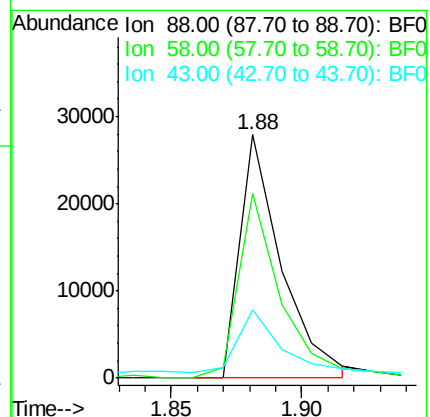
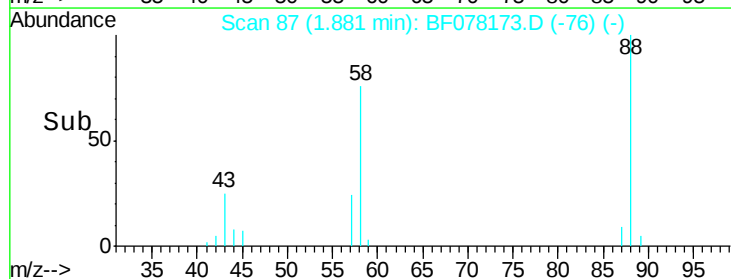
43 26.2 21.4 32.2

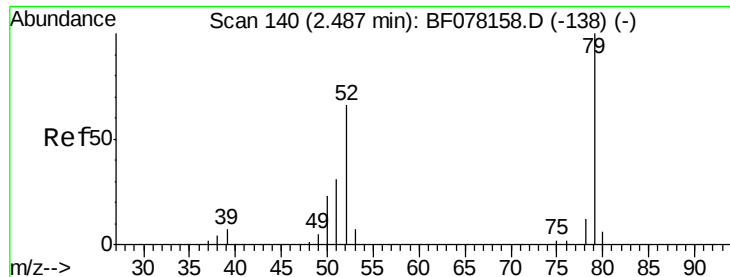


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 39.08 ng

RT: 2.52 min Scan# 143

Delta R.T. 0.03 min

Lab File: BF078173.D

Acq: 2 Apr 2015 1:18

Instrument :

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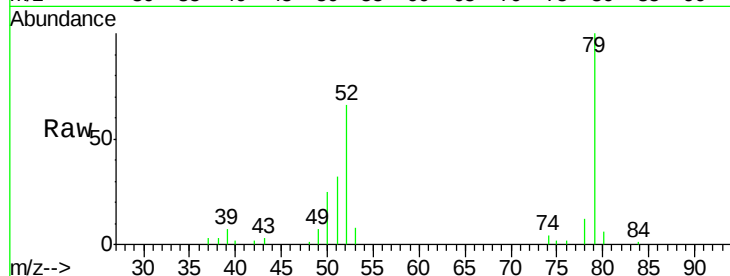
Tgt Ion: 79 Resp: 101378

Ion Ratio Lower Upper

79 100

52 66.4 52.4 78.6

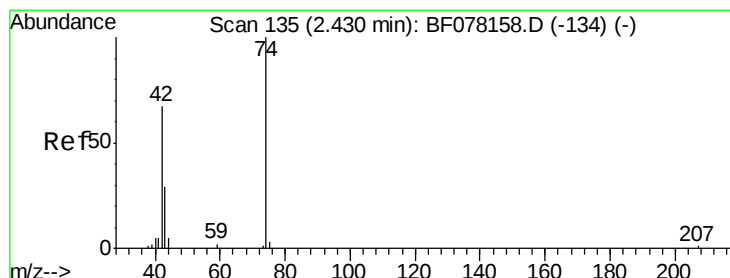
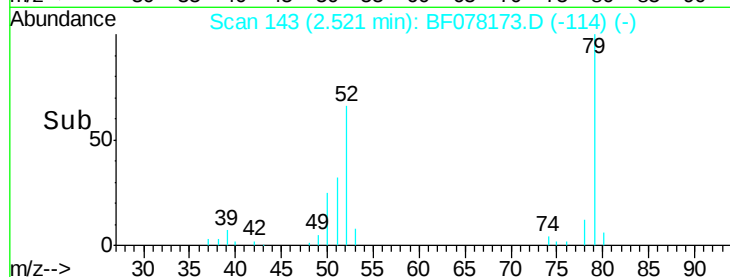
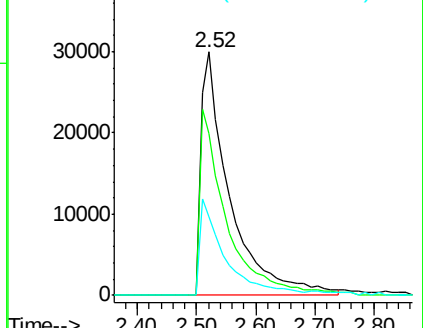
51 32.2 24.9 37.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 39.09 ng

RT: 2.45 min Scan# 137

Delta R.T. 0.02 min

Lab File: BF078173.D

Acq: 2 Apr 2015 1:18

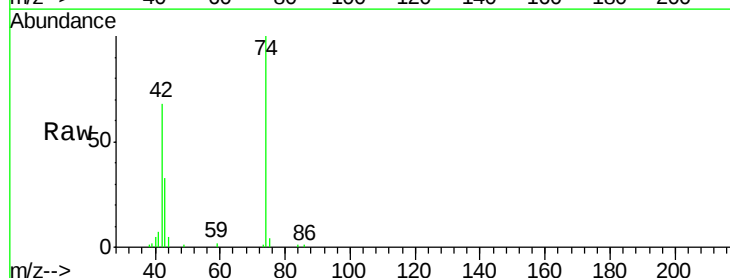
Tgt Ion: 42 Resp: 39036

Ion Ratio Lower Upper

42 100

74 147.0 118.7 178.1

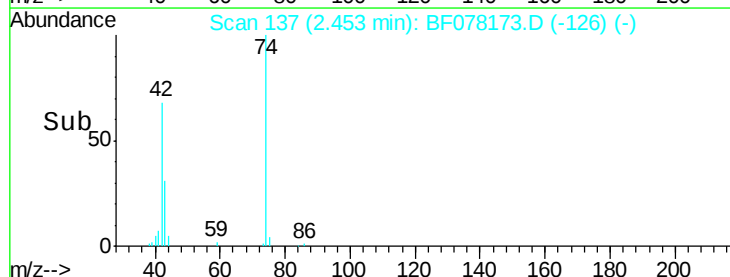
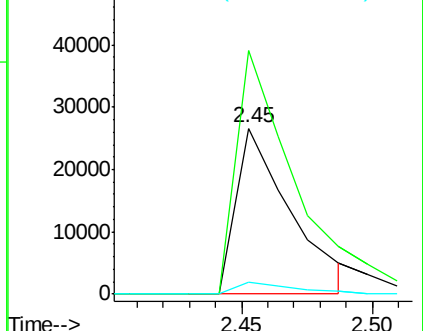
44 7.2 5.9 8.9

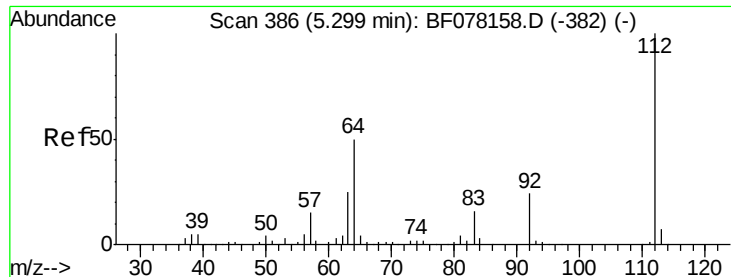


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 128.37 ng

RT: 5.30 min Scan# 386

Delta R.T. -0.00 min

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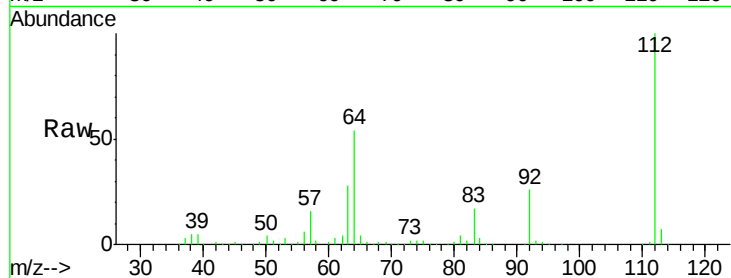
Tgt Ion: 112 Resp: 281134

Ion Ratio Lower Upper

112 100

64 53.9 39.9 59.9

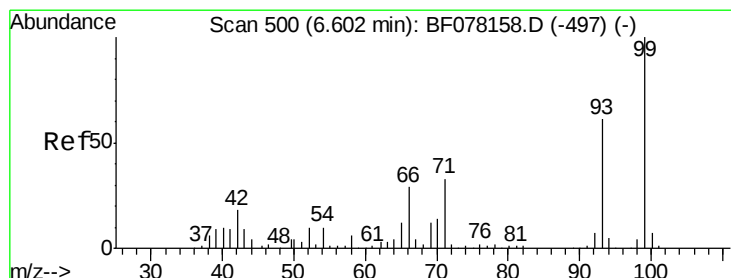
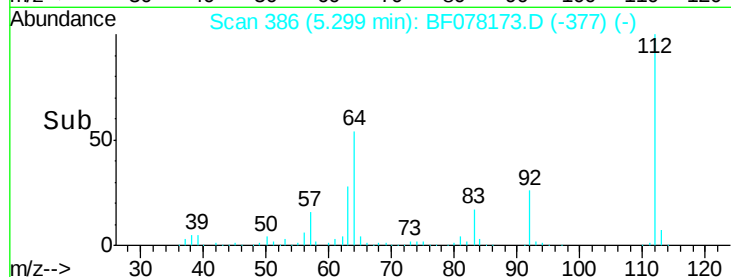
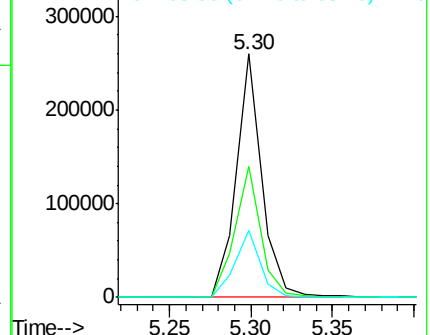
63 27.6 20.2 30.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 16.45 ng

RT: 6.60 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF078173.D

Acq: 2 Apr 2015 1:18

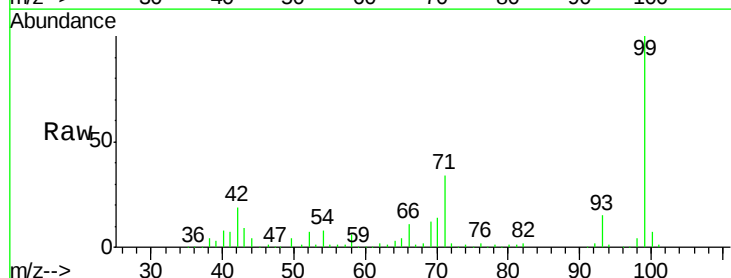
Tgt Ion: 93 Resp: 64036

Ion Ratio Lower Upper

93 100

66 69.5 38.0 57.0#

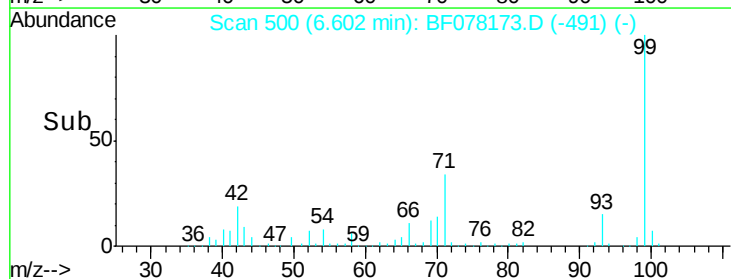
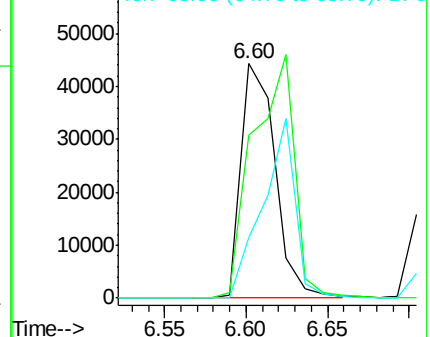
65 26.0 16.3 24.5#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 124.01 ng

RT: 6.60 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF078173.D

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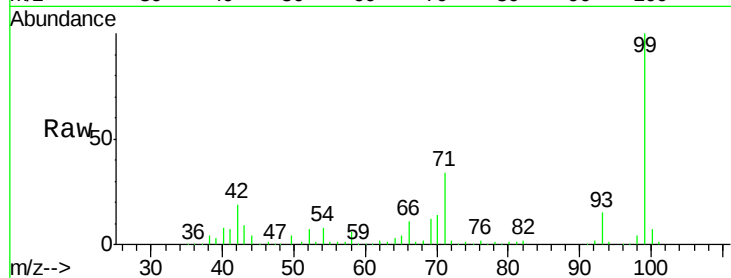
Tgt Ion: 99 Resp: 340371

Ion Ratio Lower Upper

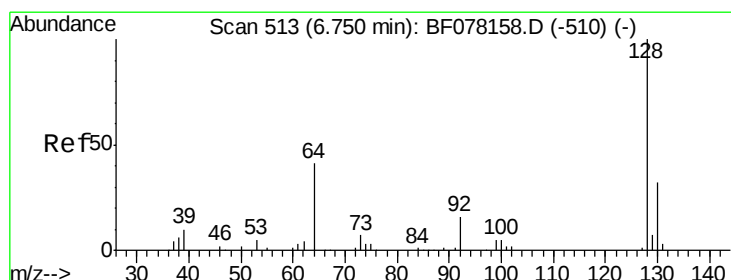
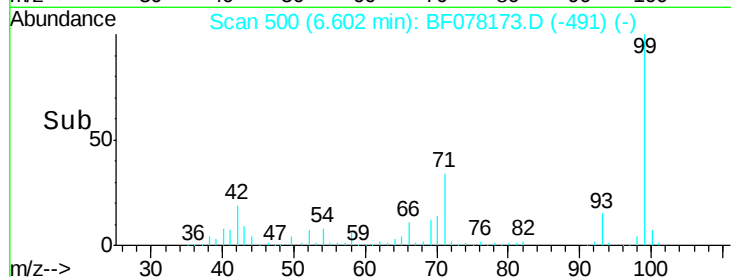
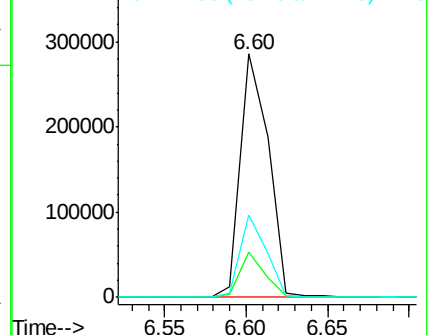
99 100

42 18.6 14.8 22.2

71 33.6 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: 43.39 ng

RT: 6.75 min Scan# 513

Delta R.T. -0.00 min

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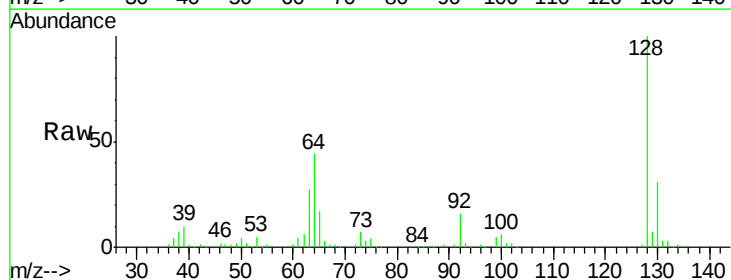
Tgt Ion: 128 Resp: 112363

Ion Ratio Lower Upper

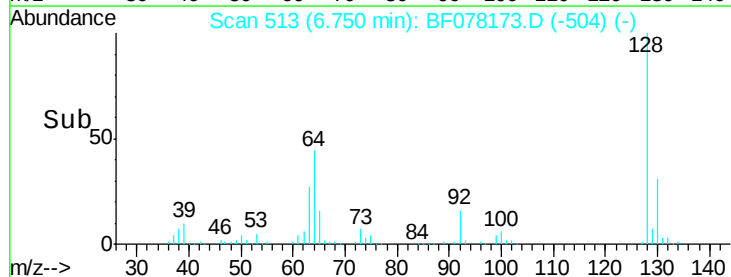
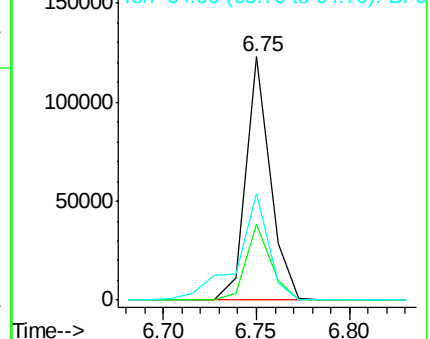
128 100

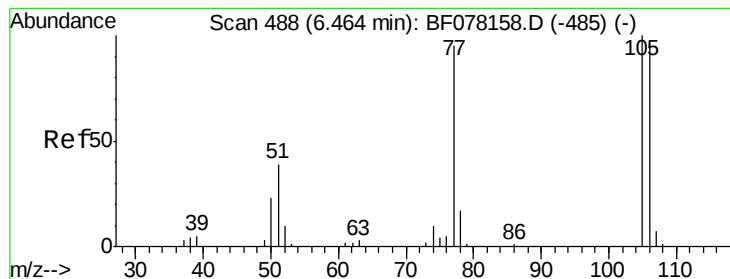
130 31.1 12.3 52.3

64 43.9 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: 1.59 ng

RT: 6.46 min Scan# 488

Delta R.T. -0.00 min

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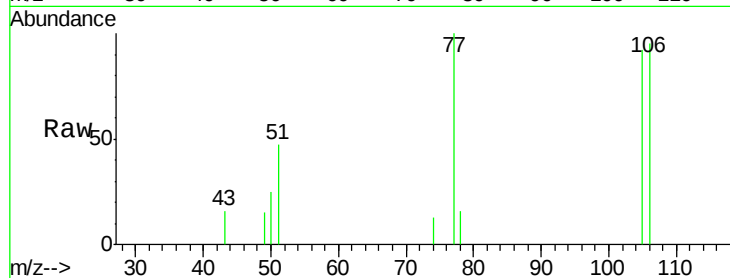
Tgt Ion: 77 Resp: 2894

Ion Ratio Lower Upper

77 100

105 92.2 85.4 125.4

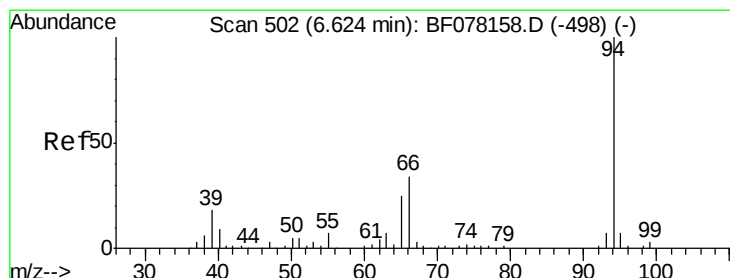
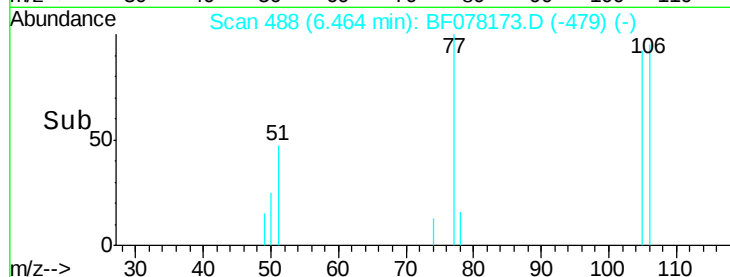
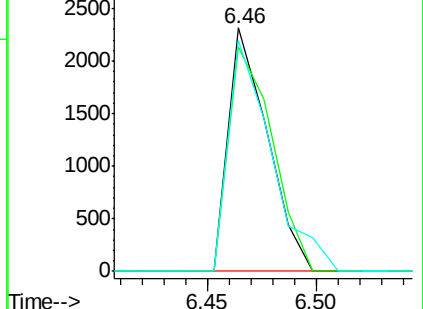
106 94.8 80.8 120.8



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: 41.31 ng

RT: 6.62 min Scan# 502

Delta R.T. -0.00 min

Lab File: BF078173.D

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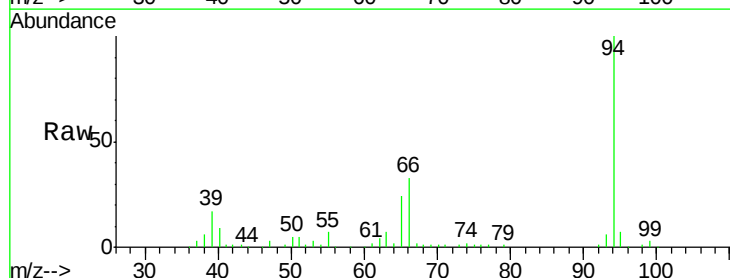
Tgt Ion: 94 Resp: 135870

Ion Ratio Lower Upper

94 100

65 24.4 4.9 44.9

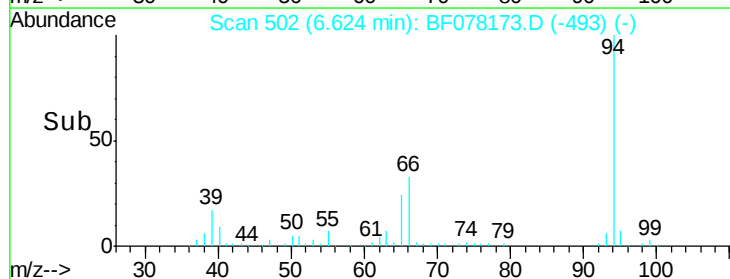
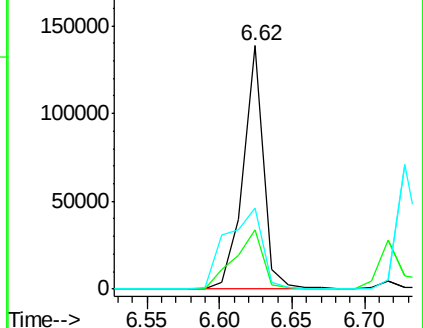
66 33.2 13.8 53.8

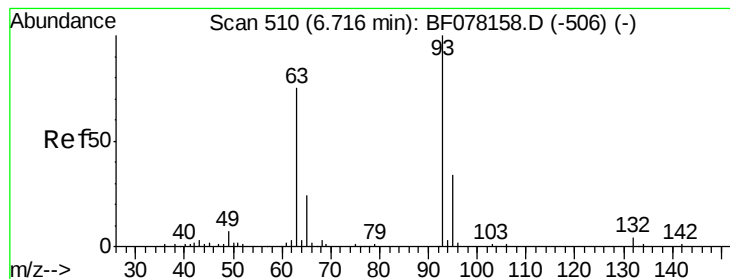


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

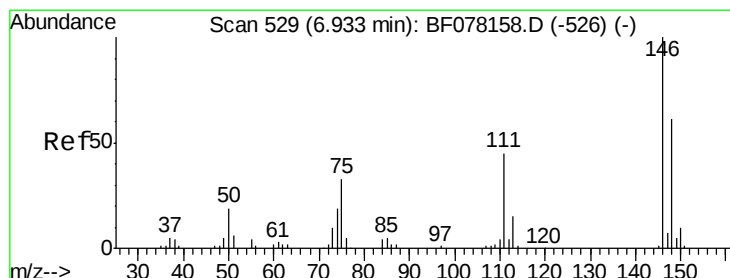
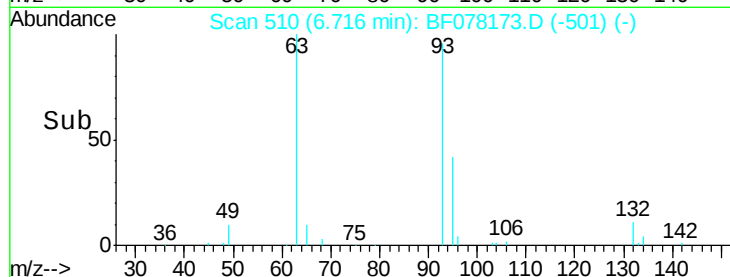
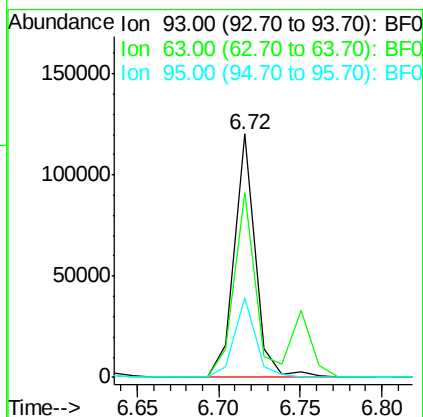
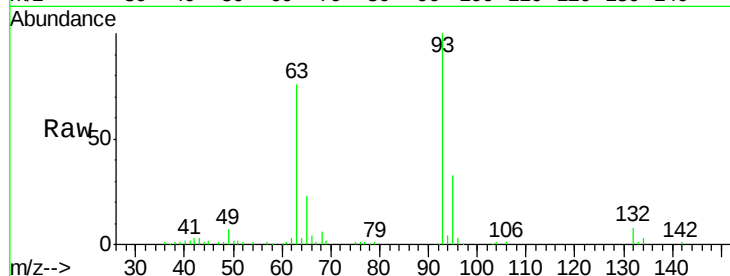




#11
bis(2-Chloroethyl)ether
Concen: 45.00 ng
RT: 6.72 min Scan# 510
Delta R.T. -0.00 min
Lab File: BF078173.D
Acq: 2 Apr 2015 1:18

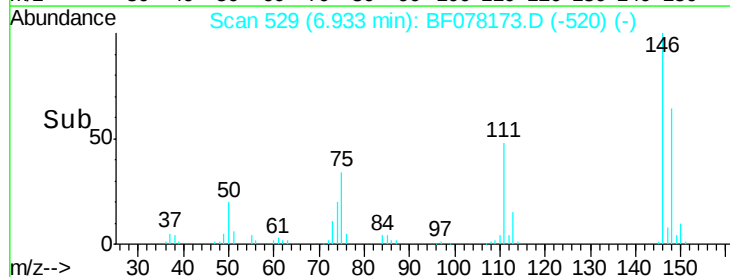
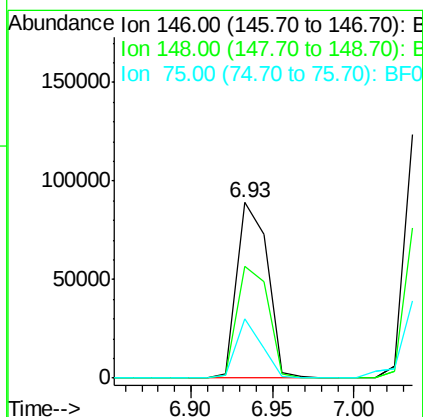
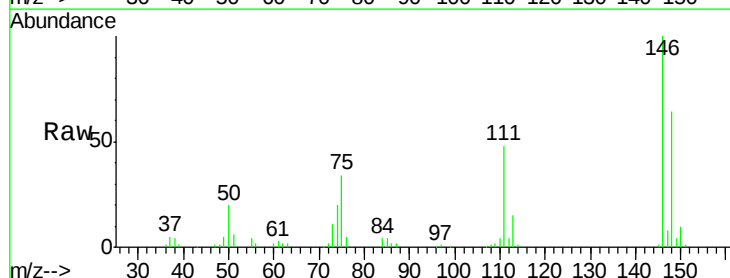
Instrument :
BNA_F
ClientSampleId :
PB82482BSD

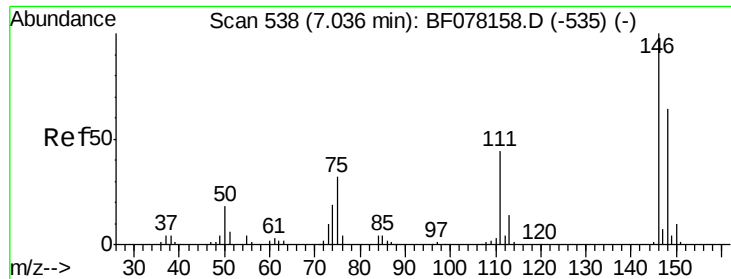
Tgt Ion: 93 Resp: 106414
Ion Ratio Lower Upper
93 100
63 76.0 54.6 94.6
95 32.5 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 40.31 ng
RT: 6.93 min Scan# 529
Delta R.T. -0.00 min
Lab File: BF078173.D
Acq: 2 Apr 2015 1:18

Tgt Ion: 146 Resp: 114669
Ion Ratio Lower Upper
146 100
148 63.7 49.1 73.7
75 34.1 26.6 40.0

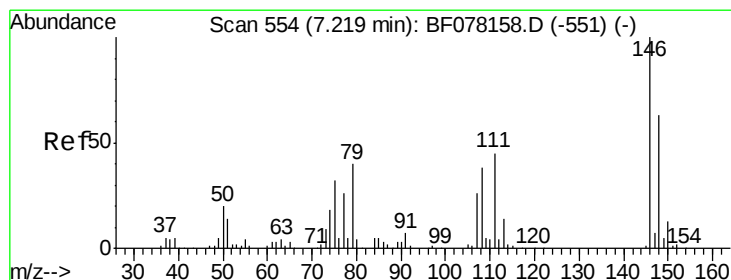
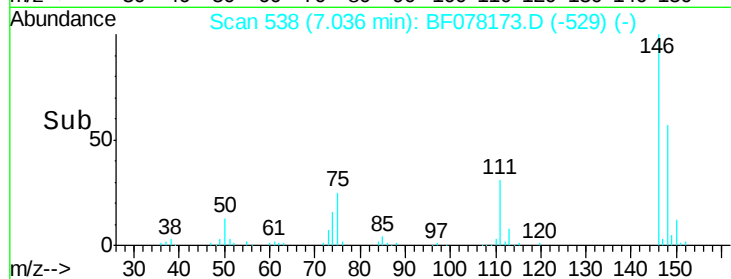
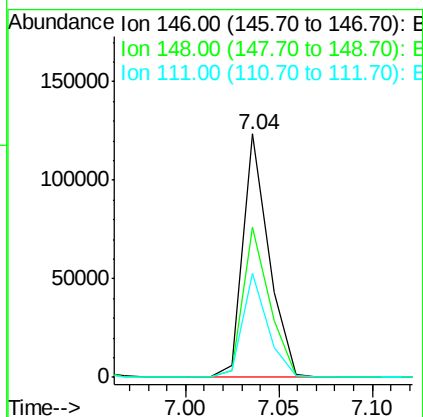
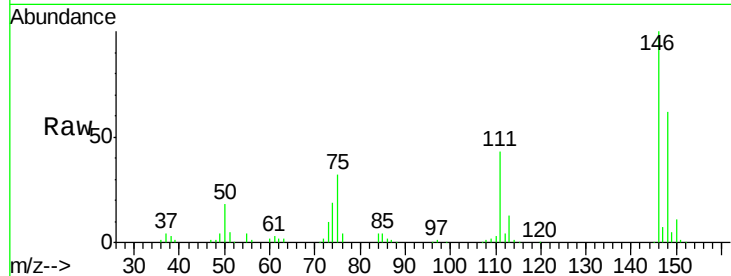




#13
 1,4-Dichlorobenzene
 Concen: 41.79 ng
 RT: 7.04 min Scan# 538
 Delta R.T. -0.00 min
 Lab File: BF078173.D
 Acq: 2 Apr 2015 1:18

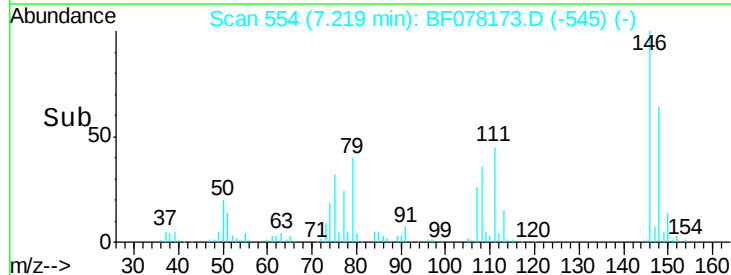
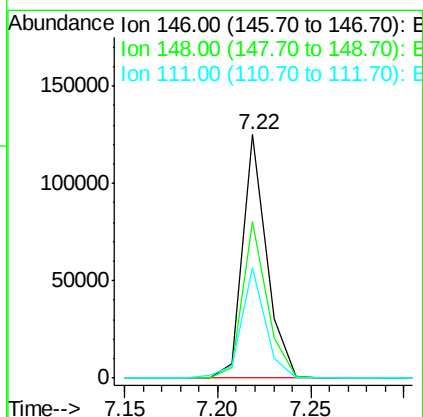
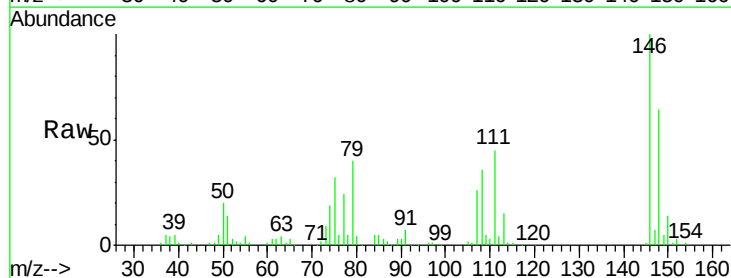
Instrument :
 BNA_F
 ClientSampleId :
 PB82482BSD

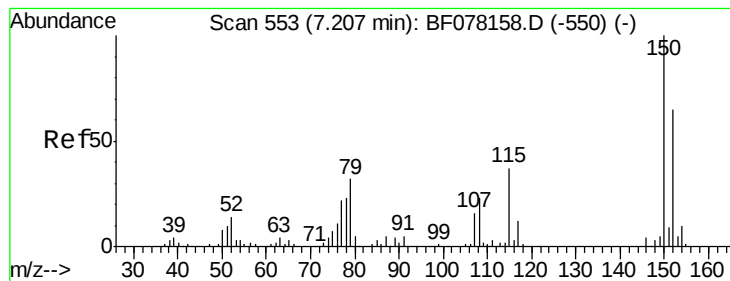
Tgt Ion:146 Resp: 119668
 Ion Ratio Lower Upper
 146 100
 148 61.9 51.4 77.0
 111 42.9 35.0 52.4



#14
 1,2-Dichlorobenzene
 Concen: 41.94 ng
 RT: 7.22 min Scan# 554
 Delta R.T. -0.00 min
 Lab File: BF078173.D
 Acq: 2 Apr 2015 1:18

Tgt Ion:146 Resp: 112585
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.2 75.4
 111 45.5 36.1 54.1





#15

Benzyl Alcohol

Concen: 43.36 ng

RT: 7.21 min Scan# 553

Delta R.T. -0.00 min

Lab File: BF078173.D

Acq: 2 Apr 2015 1:18

Instrument :

BNA_F

ClientSampleId :

PB82482BSD

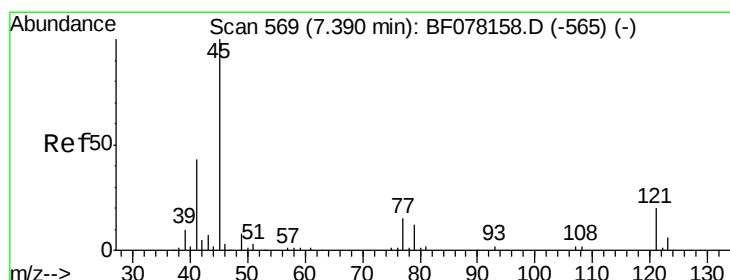
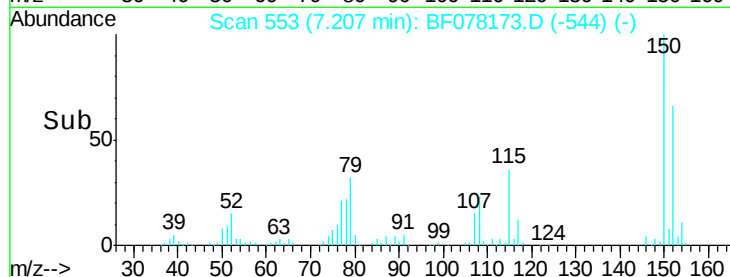
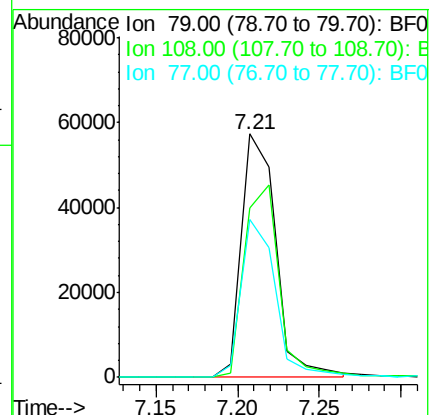
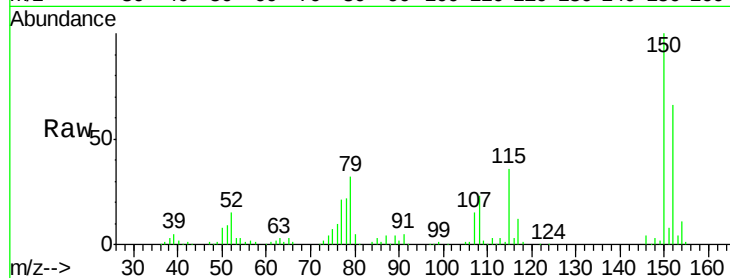
Tgt Ion: 79 Resp: 83621

Ion Ratio Lower Upper

79 100

108 69.5 57.6 86.4

77 64.8 53.5 80.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 43.56 ng

RT: 7.39 min Scan# 569

Delta R.T. -0.00 min

Lab File: BF078173.D

Acq: 2 Apr 2015 1:18

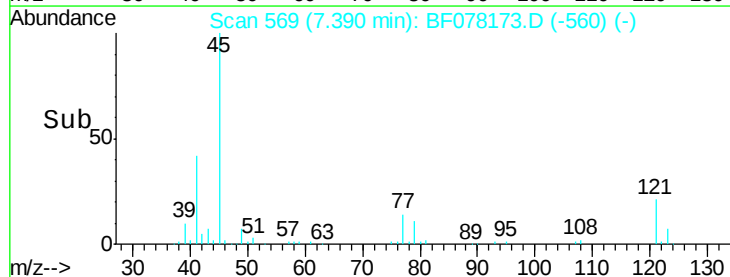
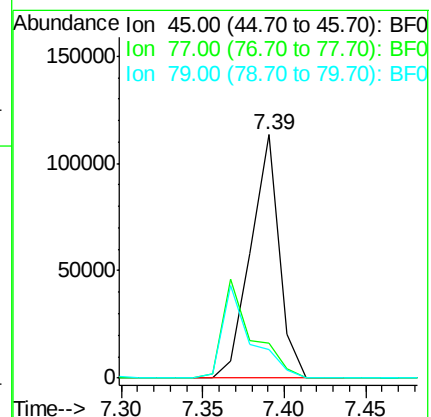
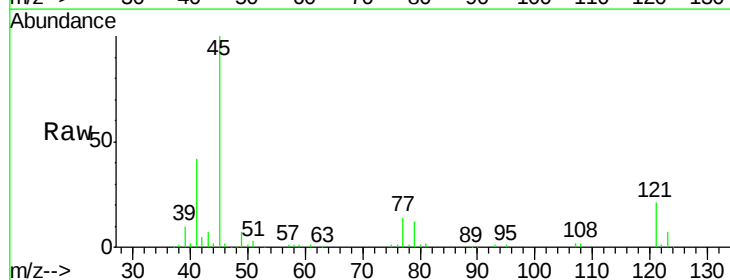
Tgt Ion: 45 Resp: 137418

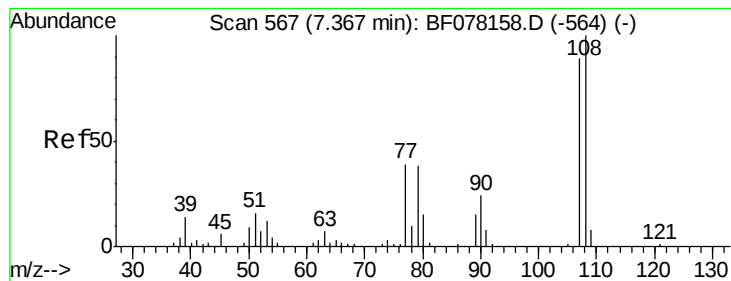
Ion Ratio Lower Upper

45 100

77 14.5 0.0 34.5

79 11.7 0.0 31.9





#17

2-Methylphenol

Concen: 44.49 ng

RT: 7.37 min Scan# 567

Delta R.T. -0.00 min

Lab File: BF078173.D

Acq: 2 Apr 2015 1:18

Instrument :

BNA_F

ClientSampleId :

PB82482BSD

Tgt Ion:107 Resp: 89454

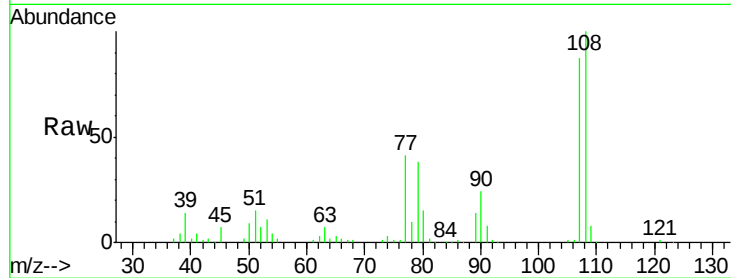
Ion Ratio Lower Upper

107 100

108 114.6 90.3 135.5

77 46.6 35.5 53.3

79 43.5 34.2 51.4

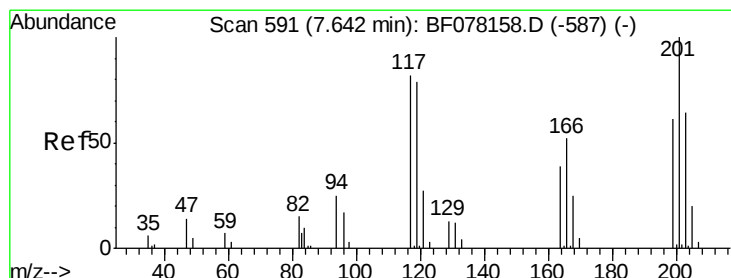
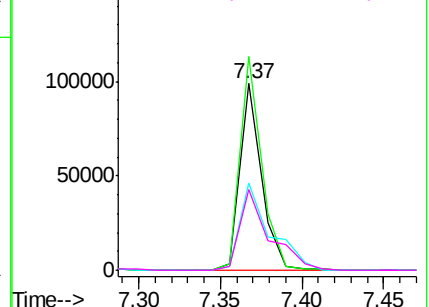
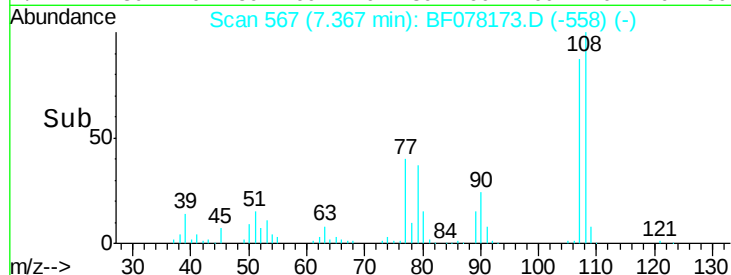


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 42.03 ng

RT: 7.64 min Scan# 591

Delta R.T. -0.00 min

Lab File: BF078173.D

Acq: 2 Apr 2015 1:18

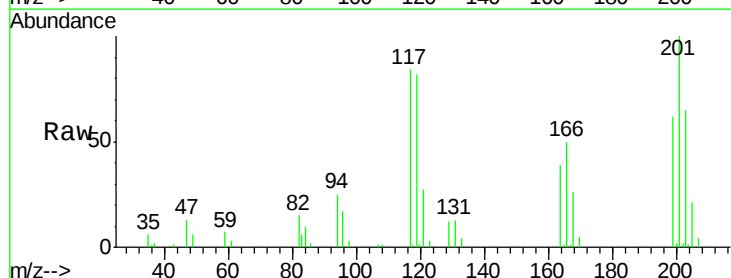
Tgt Ion:117 Resp: 40581

Ion Ratio Lower Upper

117 100

119 98.1 77.0 115.6

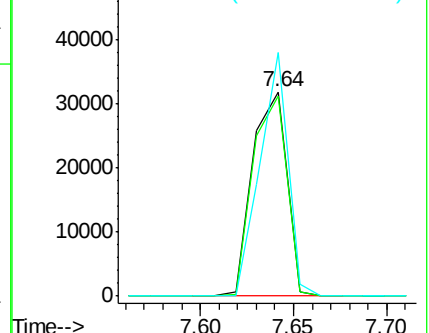
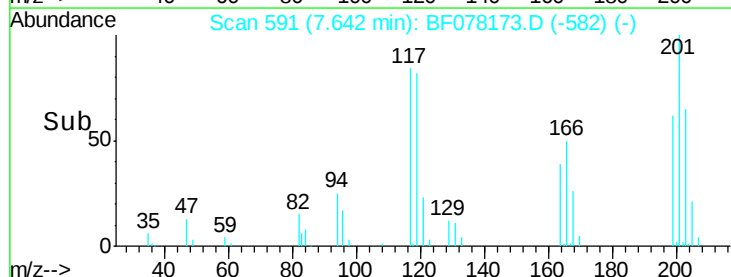
201 119.2 98.1 147.1

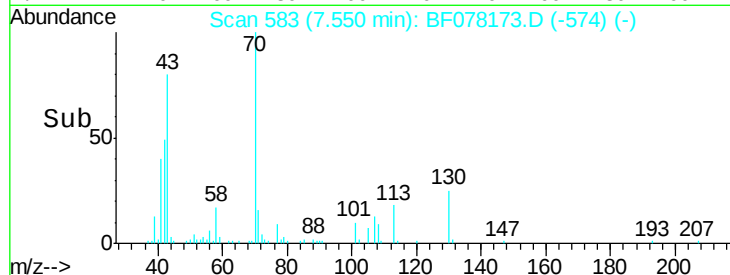
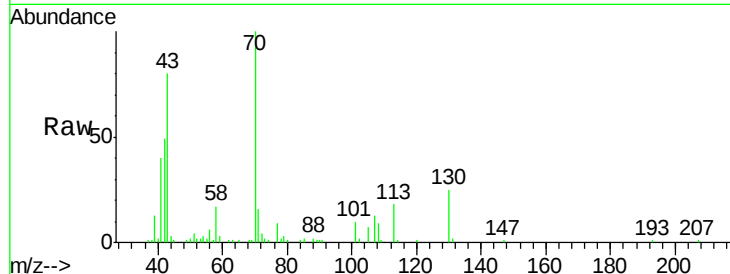
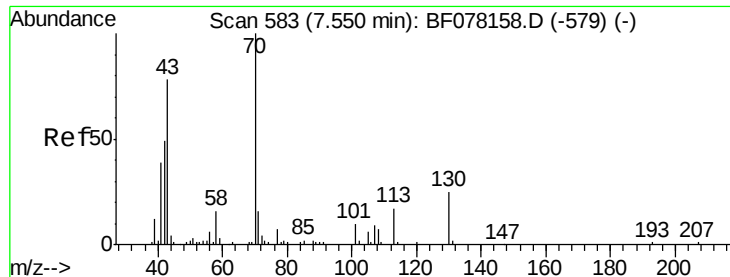


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

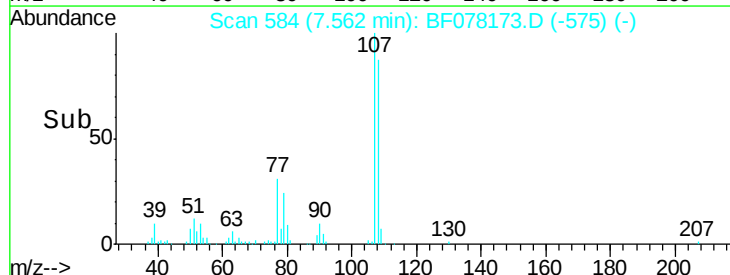
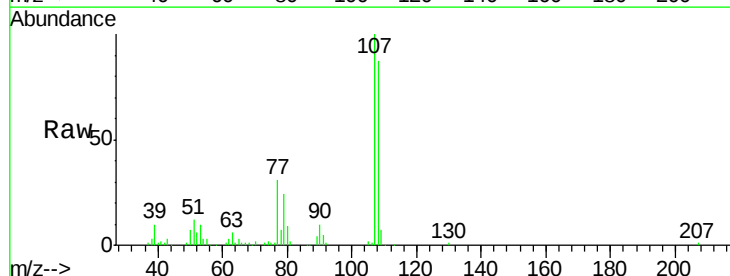
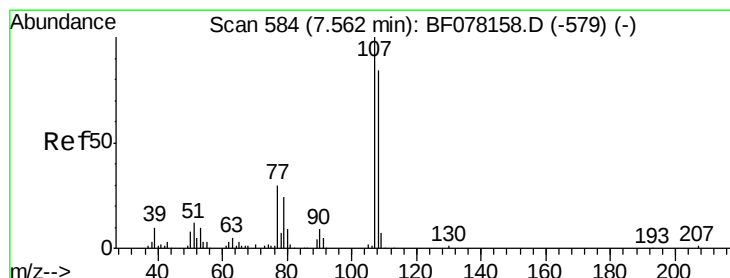
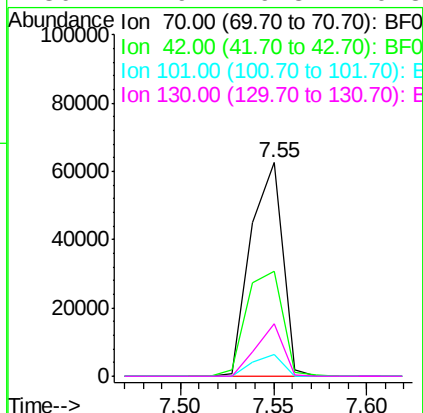




#19
n-Nitroso-di-n-propylamine
Concen: 41.55 ng
RT: 7.55 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF078173.D
Acq: 2 Apr 2015 1:18

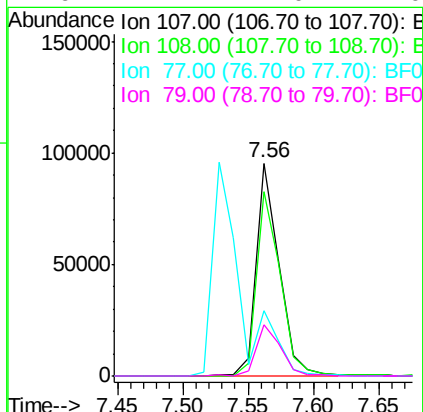
Instrument :
BNA_F
ClientSampleId :
PB82482BSD

Tgt Ion:	70	Resp:	75246
Ion	Ratio	Lower	Upper
70	100		
42	49.3	38.9	58.3
101	10.3	8.3	12.5
130	24.9	19.8	29.8



#20
3+4-Methylphenols
Concen: 43.76 ng
RT: 7.56 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF078173.D
Acq: 2 Apr 2015 1:18

Tgt Ion:	107	Resp:	117361
Ion	Ratio	Lower	Upper
107	100		
108	86.6	64.4	104.4
77	30.8	9.7	49.7
79	24.2	4.0	44.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.59 min Scan# 674

Delta R.T. -0.00 min

Lab File: BF078173.D

Acq: 2 Apr 2015 1:18

Instrument :

BNA_F

ClientSampleId :

PB82482BSD

Tgt Ion:136 Resp: 146891

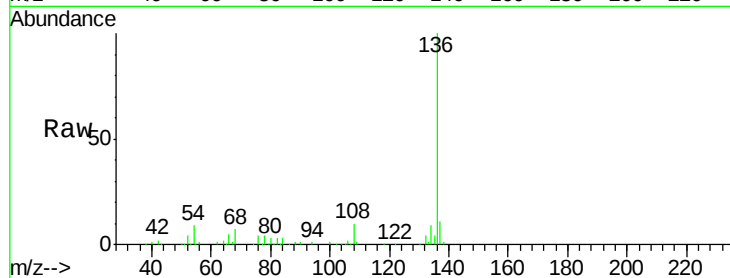
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 8.9 7.0 10.6

68 6.8 5.4 8.2

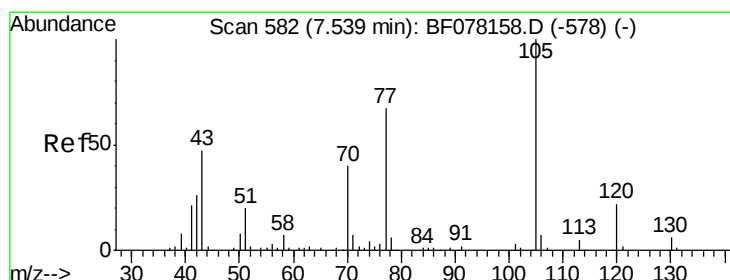
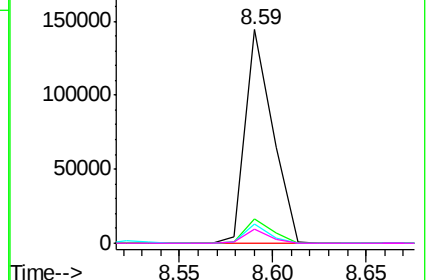
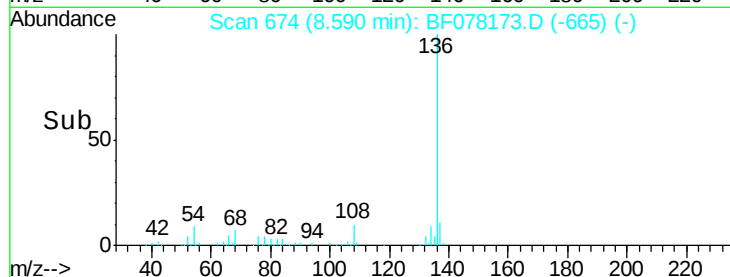


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 44.86 ng

RT: 7.53 min Scan# 581

Delta R.T. -0.01 min

Lab File: BF078173.D

Acq: 2 Apr 2015 1:18

Tgt Ion:105 Resp: 153539

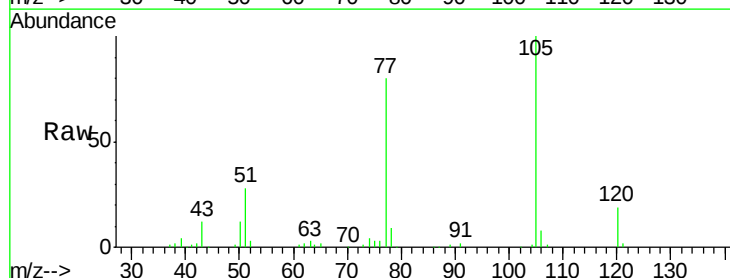
Ion Ratio Lower Upper

105 100

71 0.0 5.5 8.3#

51 27.6 16.0 24.0#

120 19.4 17.8 26.6

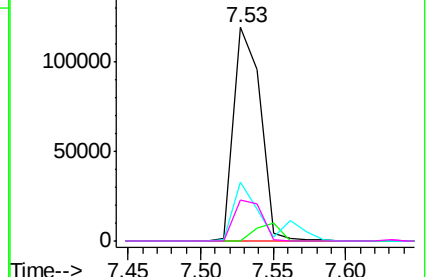
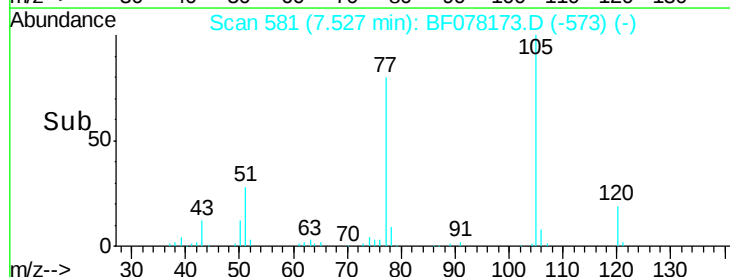


Abundance Ion 105.00 (104.70 to 105.70): E

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

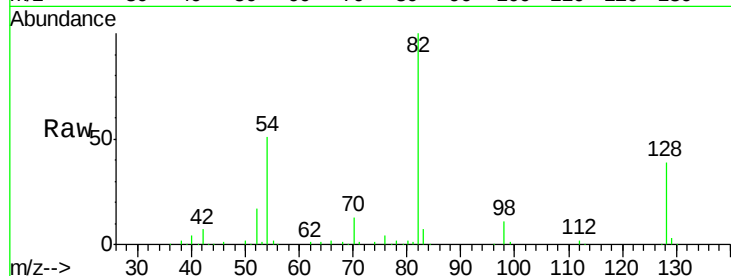




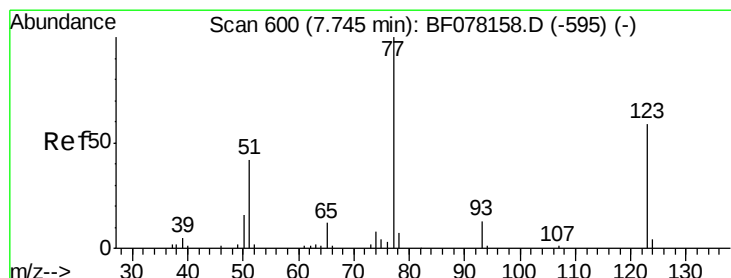
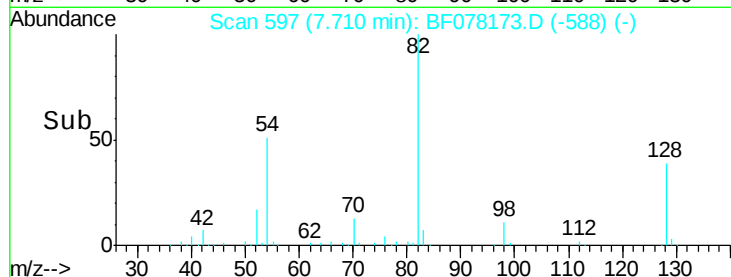
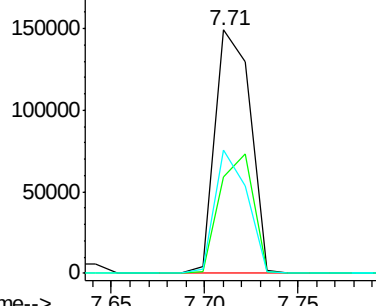
#23
 Nitrobenzene-d5
 Concen: 80.66 ng
 RT: 7.71 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF078173.D
 Acq: 2 Apr 2015 1:18

Instrument :
 BNA_F
 ClientSampleId :
 PB82482BSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.5	31.8	47.8
54	50.8	41.5	62.3

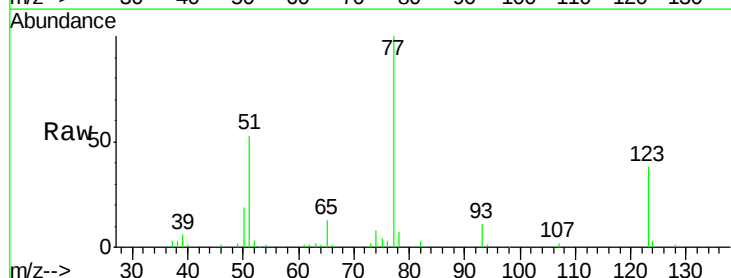


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

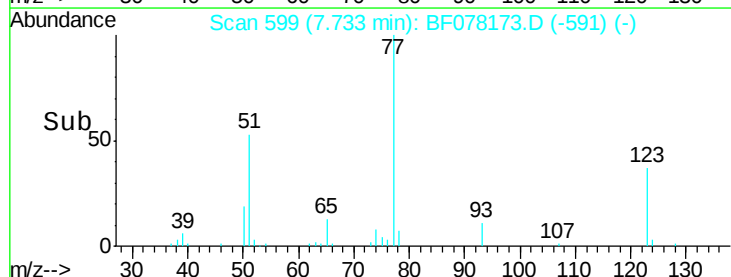
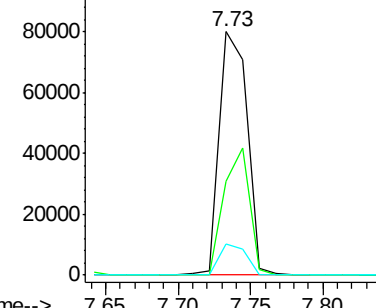


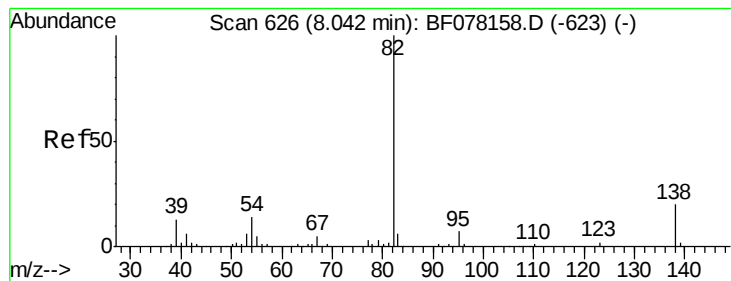
#24
 Nitrobenzene
 Concen: 42.05 ng
 RT: 7.73 min Scan# 599
 Delta R.T. -0.01 min
 Lab File: BF078173.D
 Acq: 2 Apr 2015 1:18

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.4	46.9	70.3#
65	13.0	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: 44.01 ng

RT: 8.04 min Scan# 626

Delta R.T. -0.00 min

Lab File: BF078173.D

Acq: 2 Apr 2015 1:18

Instrument :

BNA_F

ClientSampleId :

PB82482BSD

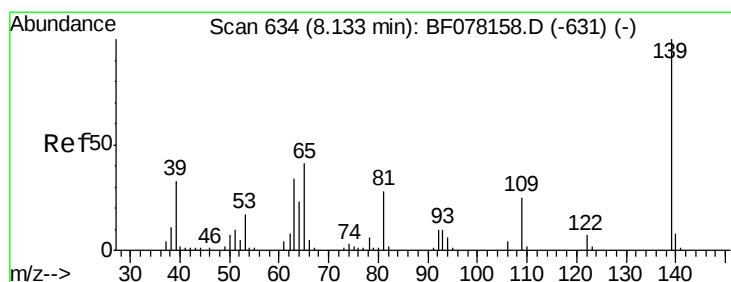
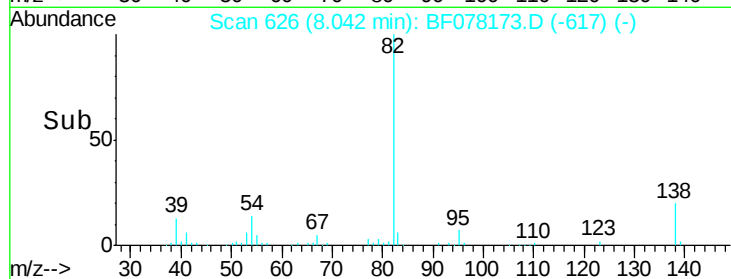
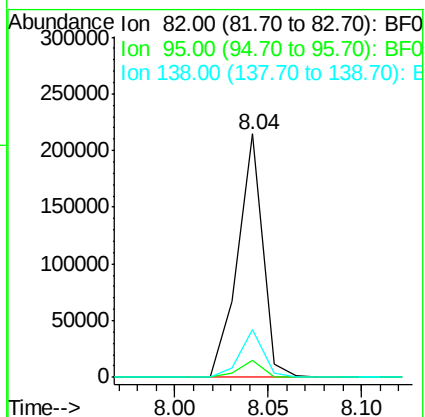
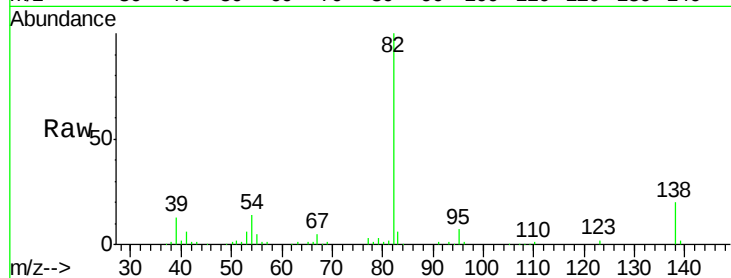
Tgt Ion: 82 Resp: 202430

Ion Ratio Lower Upper

82 100

95 7.0 5.7 8.5

138 19.7 15.8 23.8



#26

2-Nitrophenol

Concen: 45.46 ng

RT: 8.13 min Scan# 634

Delta R.T. -0.00 min

Lab File: BF078173.D

Acq: 2 Apr 2015 1:18

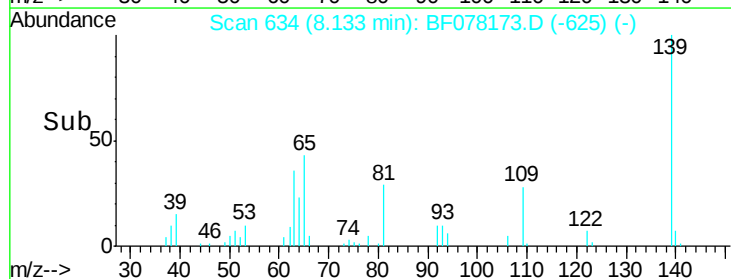
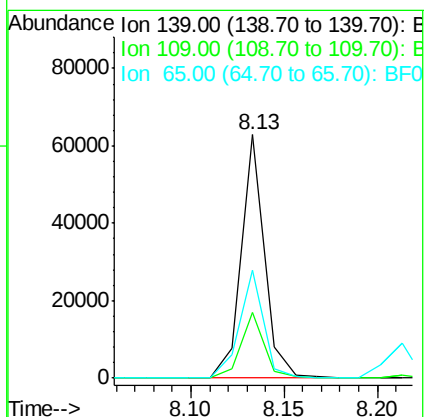
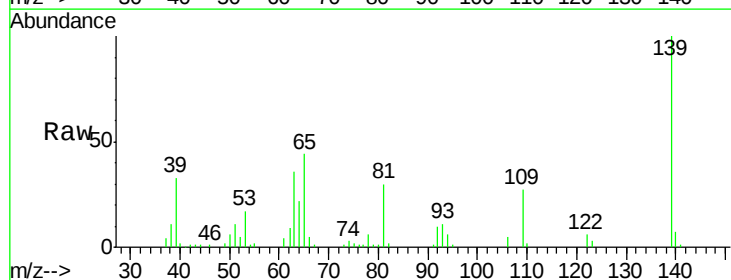
Tgt Ion: 139 Resp: 54877

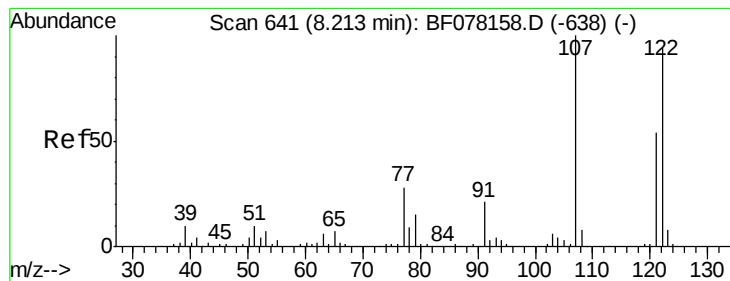
Ion Ratio Lower Upper

139 100

109 27.1 19.8 29.8

65 44.3 32.7 49.1





#27

2,4-Dimethylphenol

Concen: 45.63 ng

RT: 8.21 min Scan# 641

Delta R.T. -0.00 min

Lab File: BF078173.D

Acq: 2 Apr 2015 1:18

Instrument :

BNA_F

ClientSampleId :

PB82482BSD

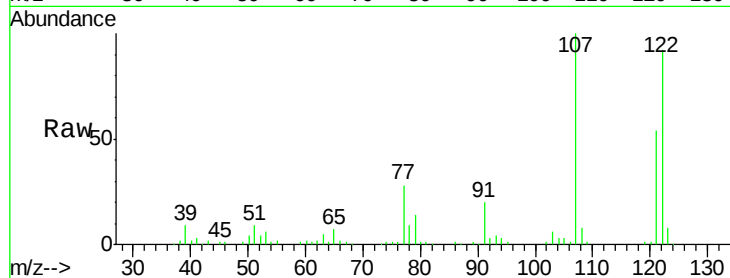
Tgt Ion:122 Resp: 102441

Ion Ratio Lower Upper

122 100

107 108.1 84.6 127.0

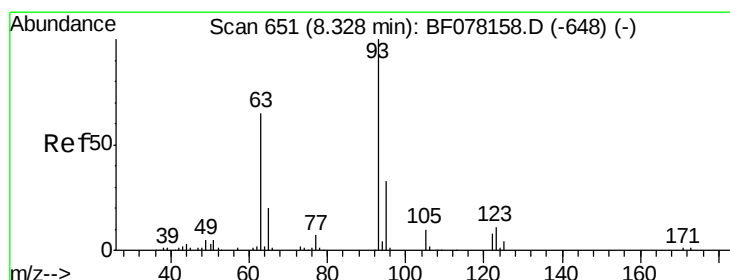
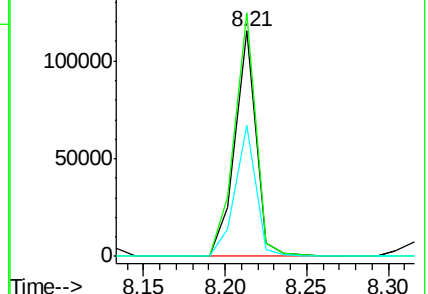
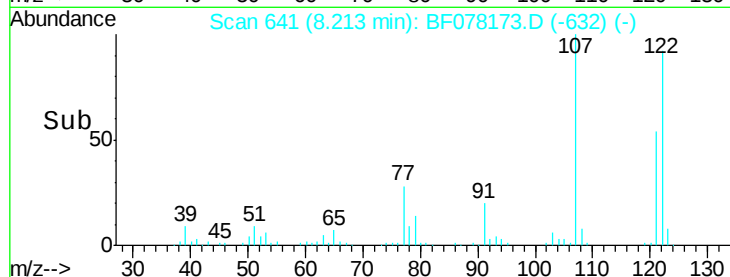
121 58.1 46.0 69.0



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: 45.04 ng

RT: 8.33 min Scan# 651

Delta R.T. -0.00 min

Lab File: BF078173.D

Acq: 2 Apr 2015 1:18

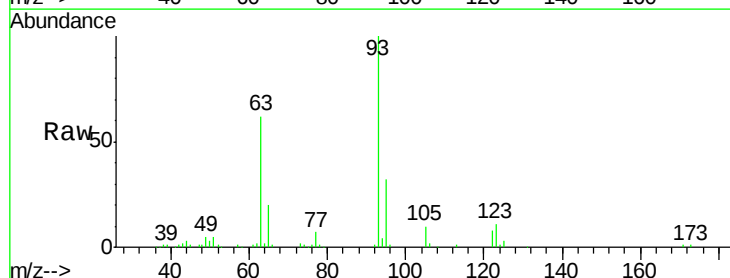
Tgt Ion: 93 Resp: 132826

Ion Ratio Lower Upper

93 100

95 32.4 26.3 39.5

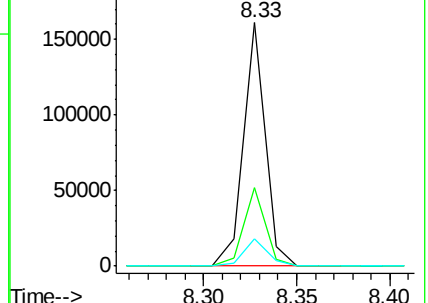
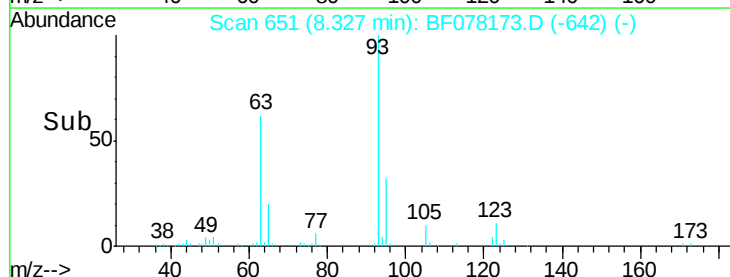
123 11.4 9.1 13.7

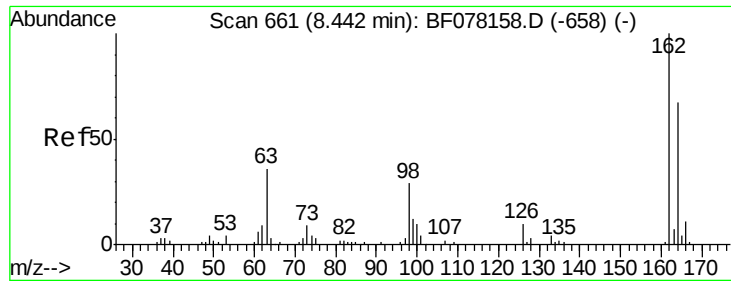


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

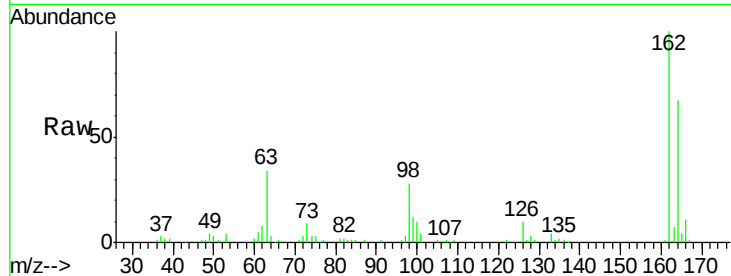




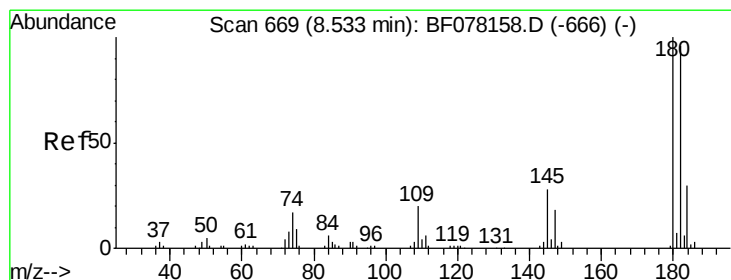
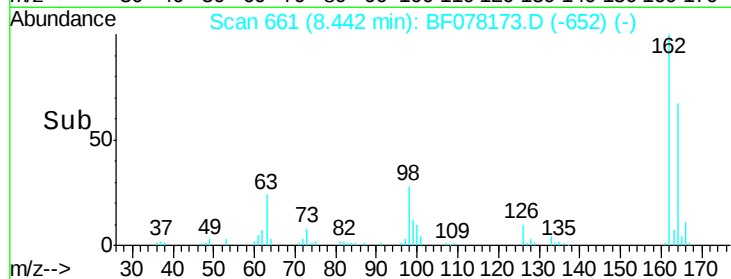
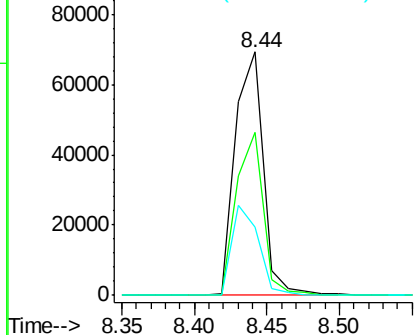
#29
 2,4-Dichlorophenol
 Concen: 45.47 ng
 RT: 8.44 min Scan# 661
 Delta R.T. -0.00 min
 Lab File: BF078173.D
 Acq: 2 Apr 2015 1:18

Instrument :
 BNA_F
 ClientSampleId :
 PB82482BSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	67.1	47.0	87.0
98	27.9	9.2	49.2

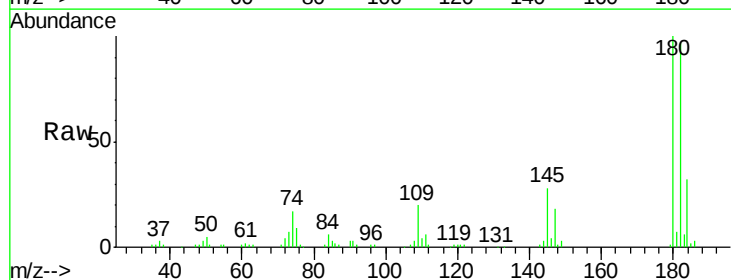


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

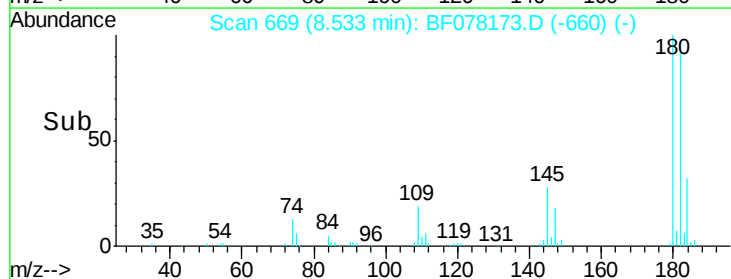
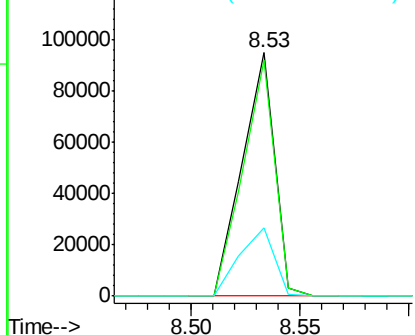


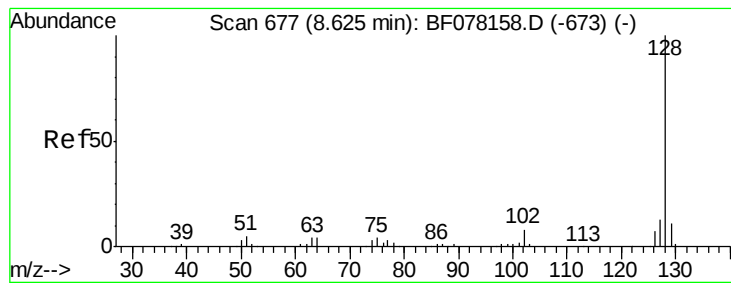
#30
 1,2,4-Trichlorobenzene
 Concen: 41.86 ng
 RT: 8.53 min Scan# 669
 Delta R.T. -0.00 min
 Lab File: BF078173.D
 Acq: 2 Apr 2015 1:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	76.9	115.3
145	28.2	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: 42.17 ng

RT: 8.62 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF078173.D

Acq: 2 Apr 2015 1:18

Instrument :

BNA_F

ClientSampleId :

PB82482BSD

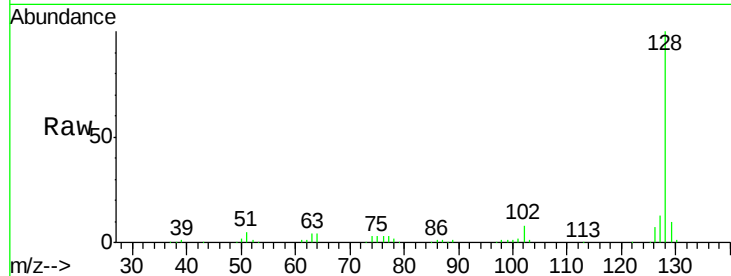
Tgt Ion:128 Resp: 322431

Ion Ratio Lower Upper

128 100

129 10.4 8.6 12.8

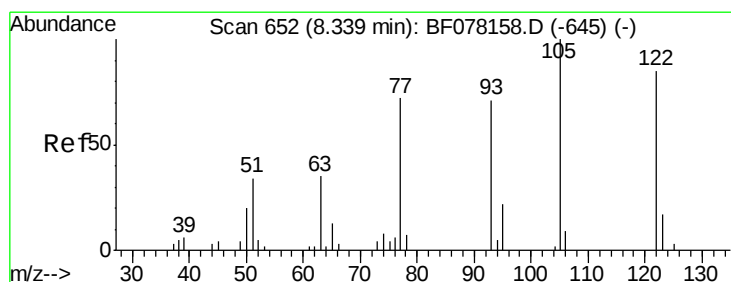
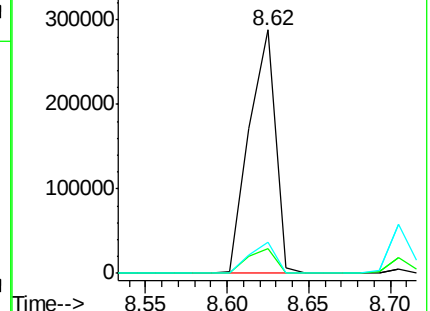
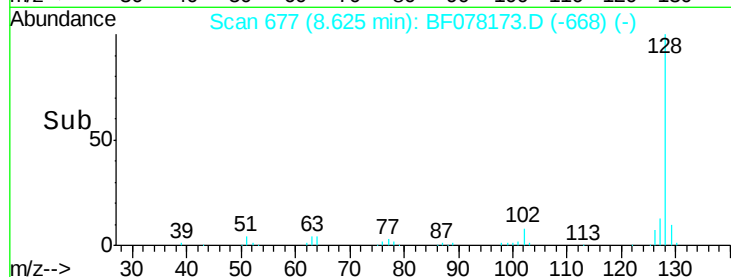
127 12.6 10.7 16.1



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: 40.14 ng

RT: 8.34 min Scan# 652

Delta R.T. 0.00 min

Lab File: BF078173.D

Acq: 2 Apr 2015 1:18

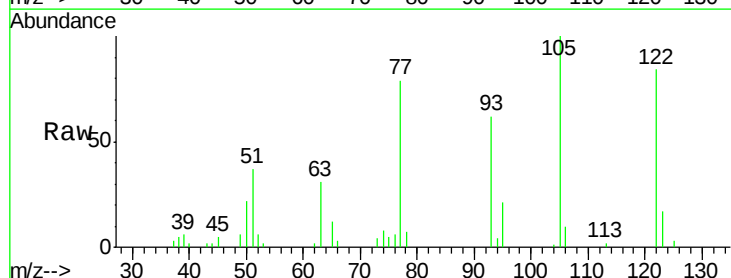
Tgt Ion:122 Resp: 41239

Ion Ratio Lower Upper

122 100

105 119.6 96.1 136.1

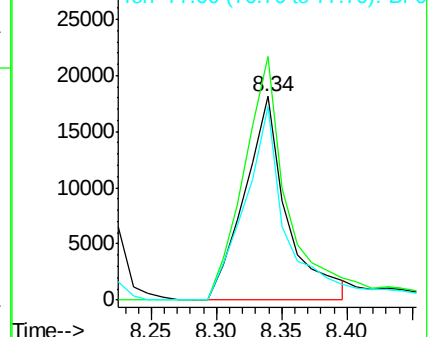
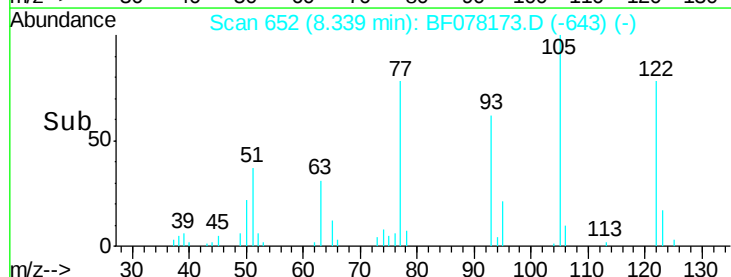
77 95.0 64.1 104.1



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

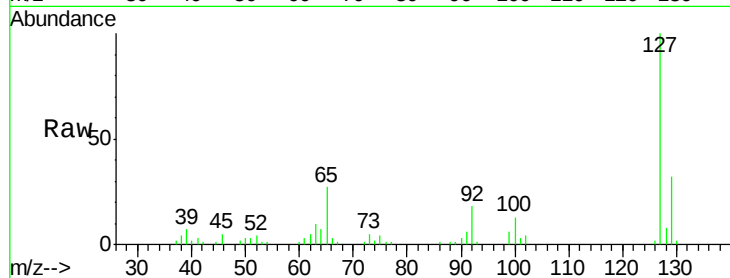




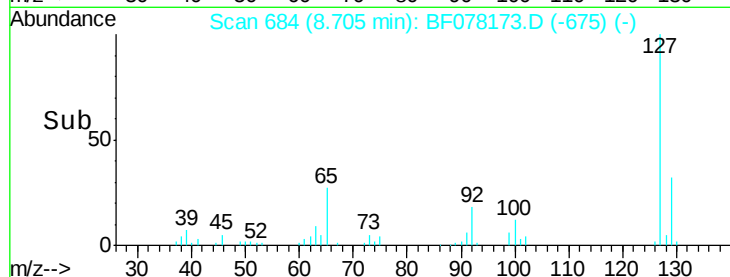
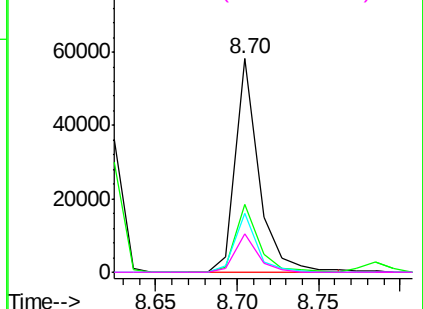
#33
 4-Chloroaniline
 Concen: 18.26 ng
 RT: 8.70 min Scan# 684
 Delta R.T. -0.00 min
 Lab File: BF078173.D
 Acq: 2 Apr 2015 1:18

Instrument :
 BNA_F
 ClientSampleId :
 PB82482BSD

Tgt Ion:	127	Resp:	57932
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.5	38.3
65	27.4	21.7	32.5
92	17.7	14.6	21.8

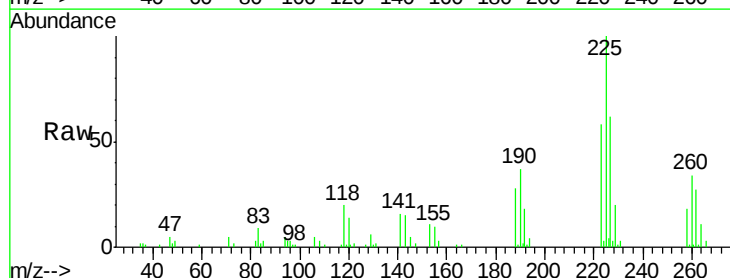


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

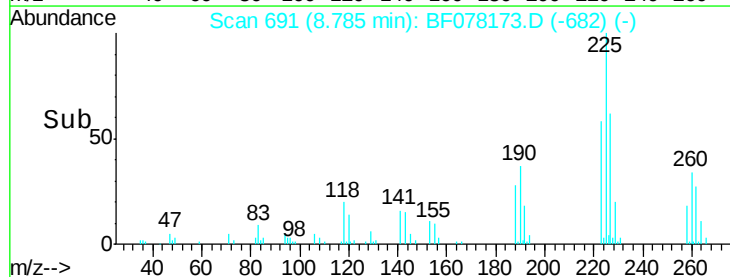
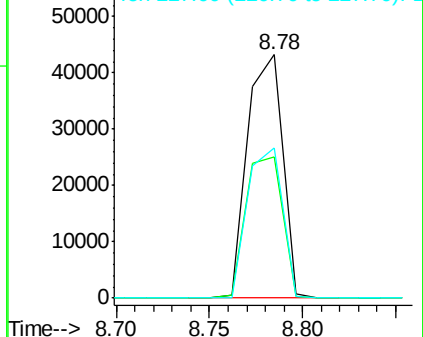


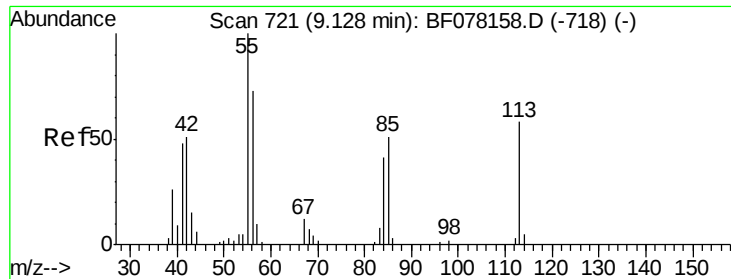
#34
 Hexachlorobutadiene
 Concen: 43.82 ng
 RT: 8.78 min Scan# 691
 Delta R.T. -0.00 min
 Lab File: BF078173.D
 Acq: 2 Apr 2015 1:18

Tgt Ion:	225	Resp:	56346
Ion	Ratio	Lower	Upper
225	100		
223	58.0	47.5	71.3
227	61.9	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

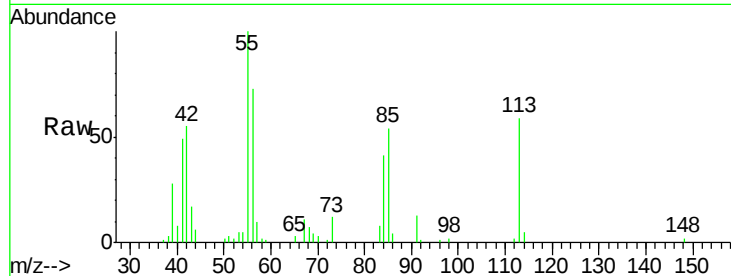




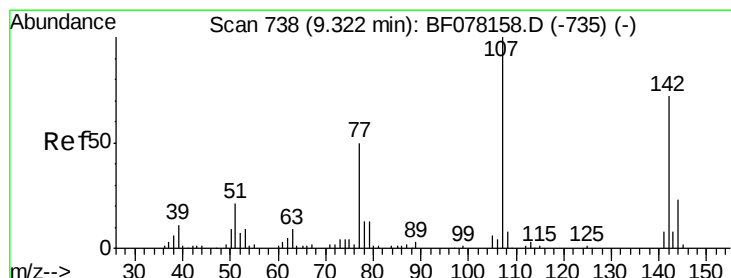
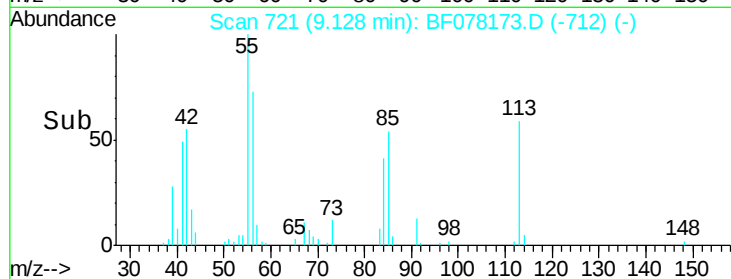
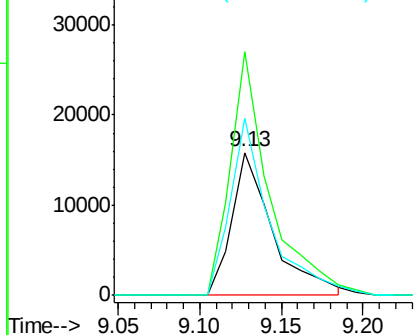
#35
 Caprolactam
 Concen: 45.20 ng
 RT: 9.13 min Scan# 721
 Delta R.T. -0.00 min
 Lab File: BF078173.D
 Acq: 2 Apr 2015 1:18

Instrument :
 BNA_F
 ClientSampleId :
 PB82482BSD

Tgt Ion:113 Resp: 27556
 Ion Ratio Lower Upper
 113 100
 55 170.4 151.9 191.9
 56 124.2 106.1 146.1

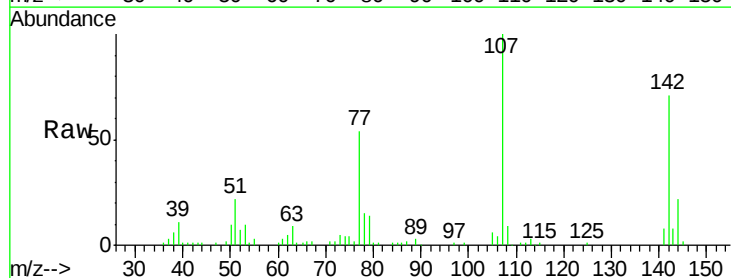


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

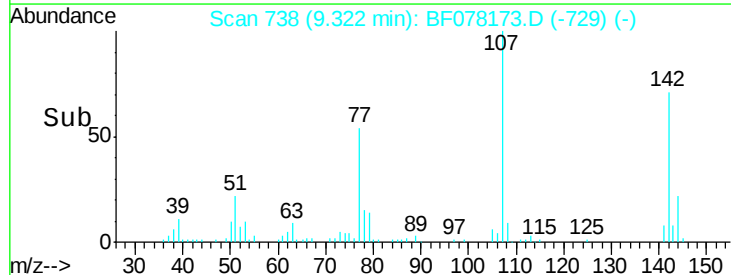
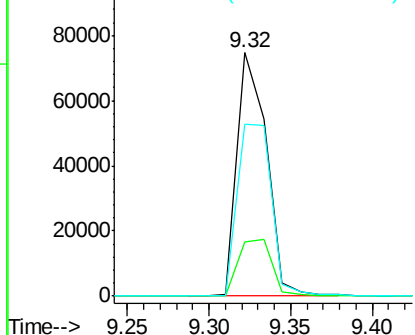


#36
 4-Chloro-3-methylphenol
 Concen: 45.25 ng
 RT: 9.32 min Scan# 738
 Delta R.T. -0.00 min
 Lab File: BF078173.D
 Acq: 2 Apr 2015 1:18

Tgt Ion:107 Resp: 93253
 Ion Ratio Lower Upper
 107 100
 144 22.4 18.2 27.2
 142 70.8 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

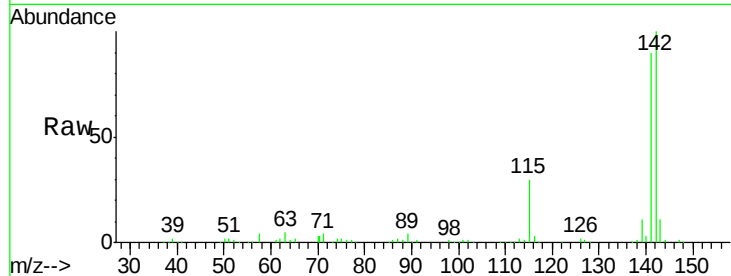




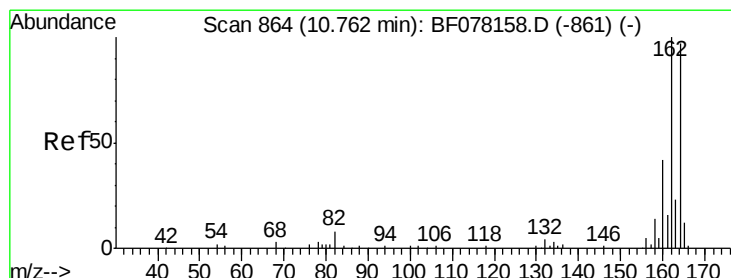
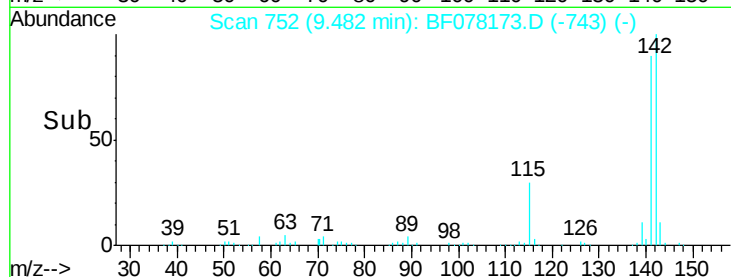
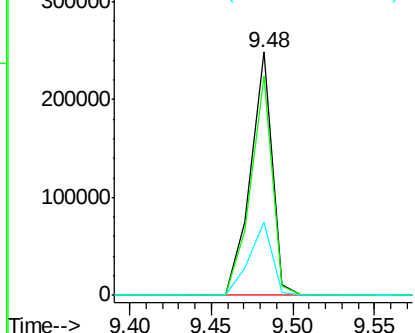
#37
 2-Methylnaphthalene
 Concen: 44.33 ng
 RT: 9.48 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF078173.D
 Acq: 2 Apr 2015 1:18

Instrument :
 BNA_F
 ClientSampleId :
 PB82482BSD

Tgt Ion:142 Resp: 230084
 Ion Ratio Lower Upper
 142 100
 141 90.1 70.3 105.5
 115 30.3 24.6 37.0

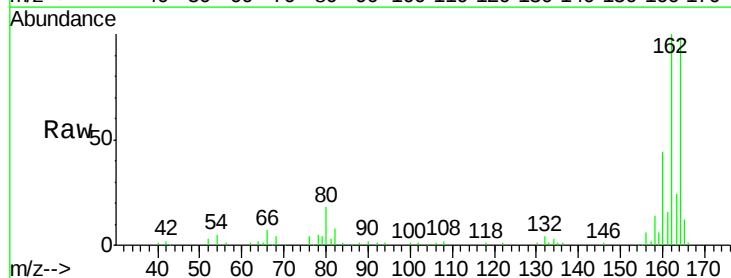


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

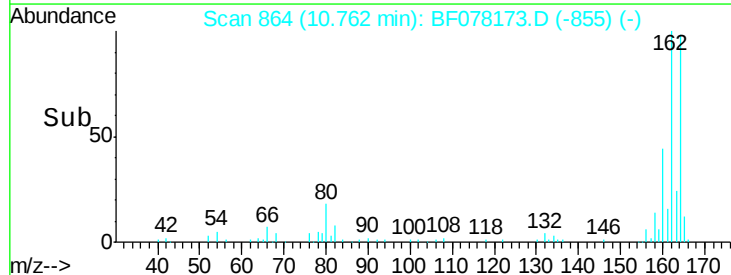
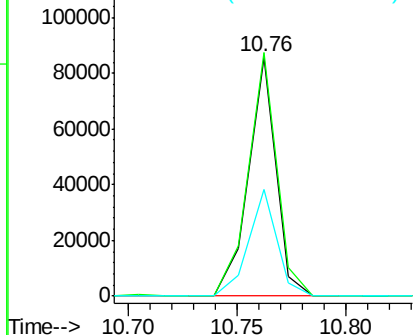


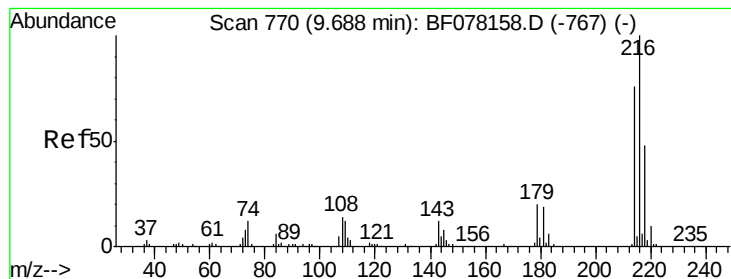
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.76 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: BF078173.D
 Acq: 2 Apr 2015 1:18

Tgt Ion:164 Resp: 75407
 Ion Ratio Lower Upper
 164 100
 162 102.0 82.2 123.2
 160 44.6 34.7 52.1



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.14 ng

RT: 9.69 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF078173.D

Acq: 2 Apr 2015 1:18

Instrument :

BNA_F

ClientSampleId :

PB82482BSD

Tgt Ion:216 Resp: 98454

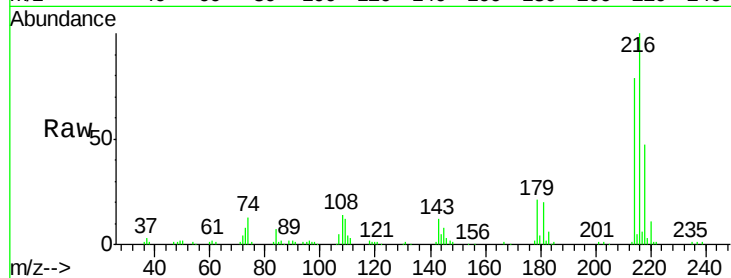
Ion Ratio Lower Upper

216 100

214 78.5 62.0 93.0

179 21.7 17.3 25.9

108 19.7 14.6 21.8

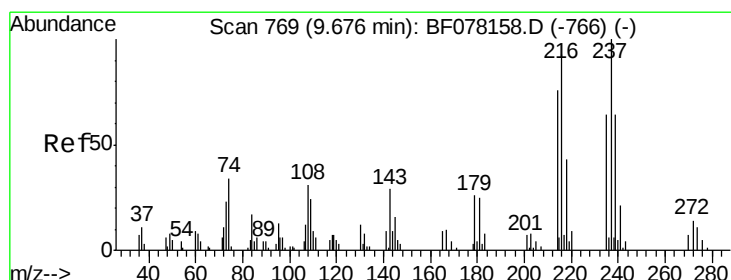
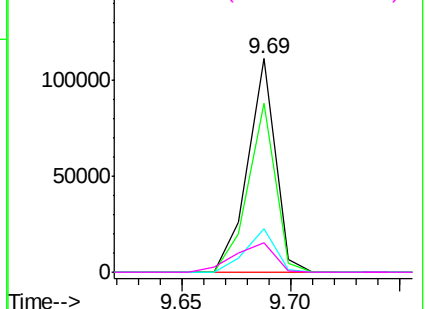
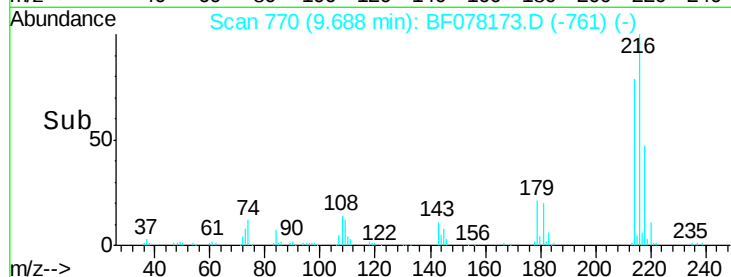


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 92.86 ng

RT: 9.68 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF078173.D

Acq: 2 Apr 2015 1:18

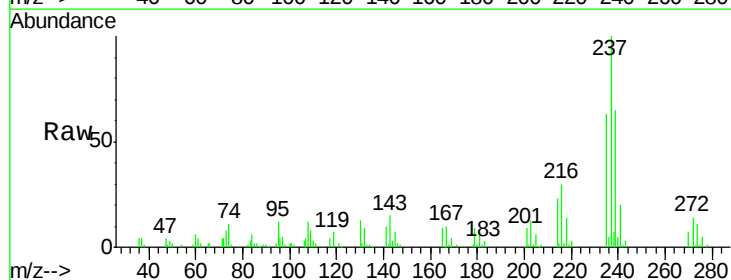
Tgt Ion:237 Resp: 93037

Ion Ratio Lower Upper

237 100

235 62.5 44.1 84.1

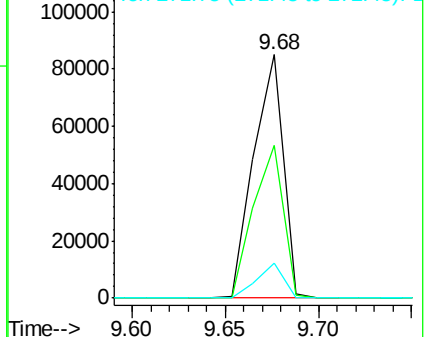
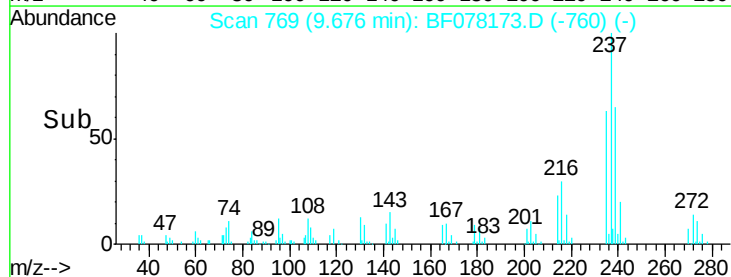
272 14.3 0.0 34.4

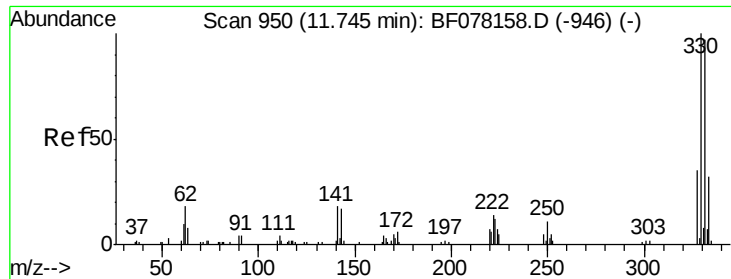


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

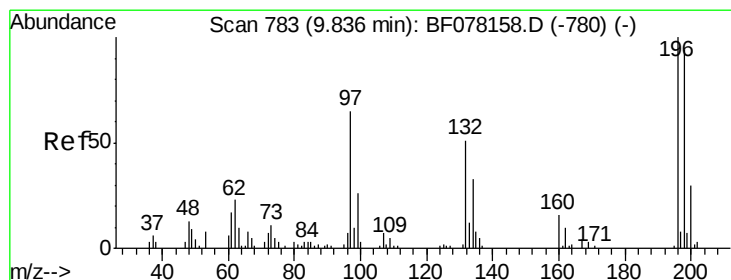
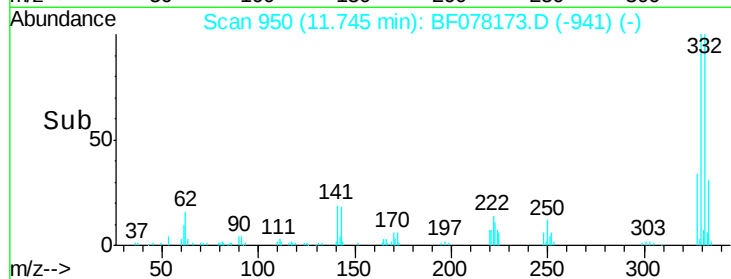
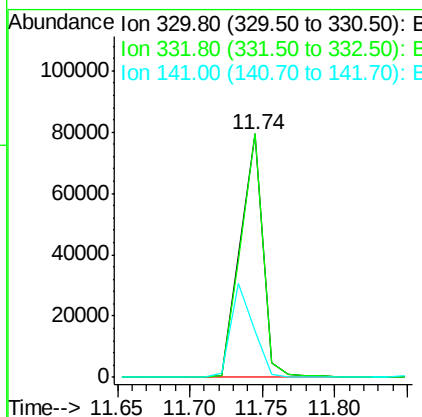
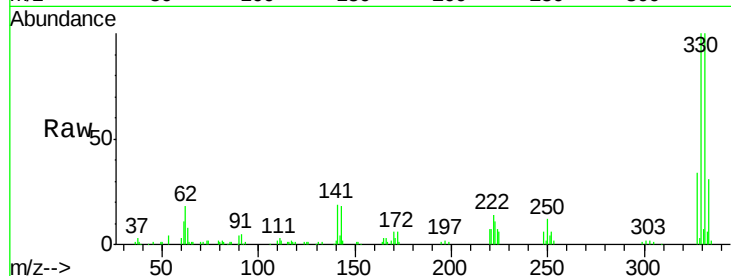




#41
 2,4,6-Tribromophenol
 Concen: 138.99 ng
 RT: 11.74 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: BF078173.D
 Acq: 2 Apr 2015 1:18

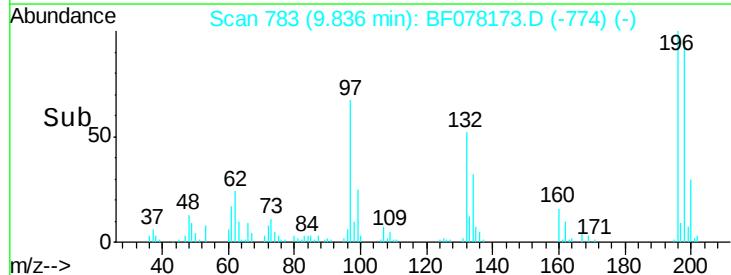
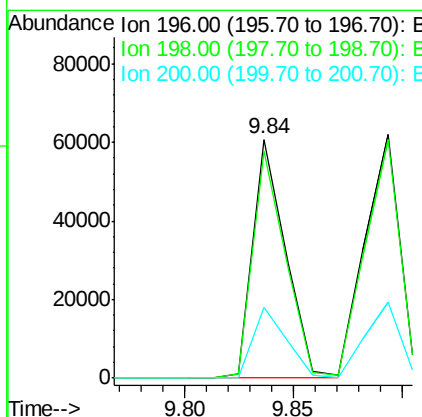
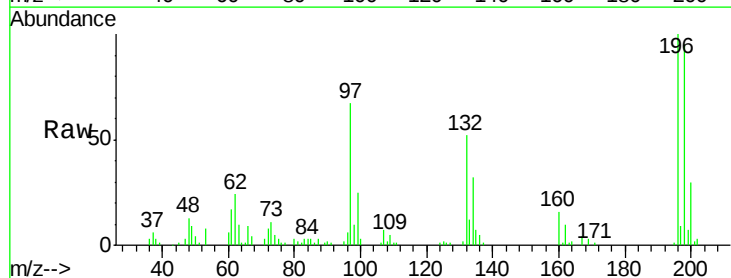
Instrument :
 BNA_F
 ClientSampleId :
 PB82482BSD

Tgt Ion:330 Resp: 86924
 Ion Ratio Lower Upper
 330 100
 332 98.4 78.6 117.8
 141 37.7 31.2 46.8



#42
 2,4,6-Trichlorophenol
 Concen: 43.52 ng
 RT: 9.84 min Scan# 783
 Delta R.T. -0.00 min
 Lab File: BF078173.D
 Acq: 2 Apr 2015 1:18

Tgt Ion:196 Resp: 64135
 Ion Ratio Lower Upper
 196 100
 198 95.0 75.4 113.2
 200 29.7 24.0 36.0

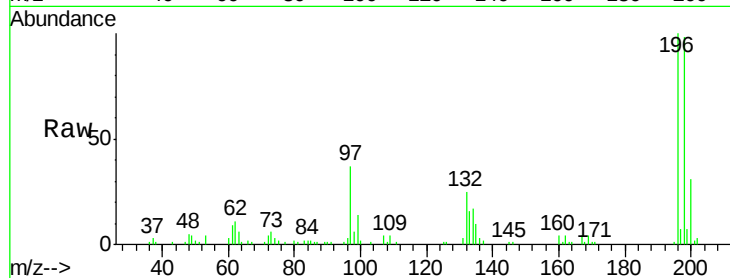




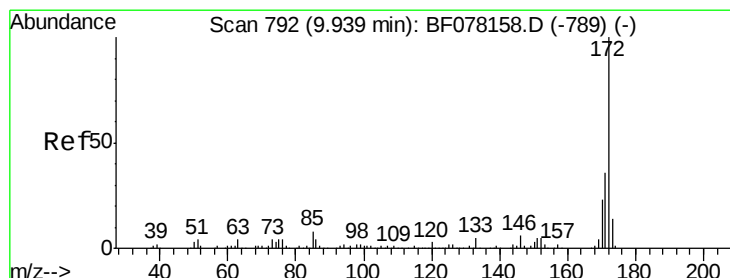
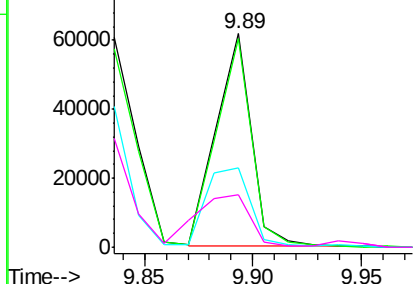
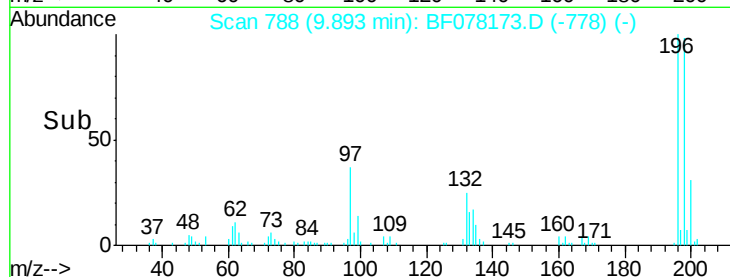
#43
 2,4,5-Trichlorophenol
 Concen: 45.08 ng
 RT: 9.89 min Scan# 788
 Delta R.T. 0.01 min
 Lab File: BF078173.D
 Acq: 2 Apr 2015 1:18

Instrument :
 BNA_F
 ClientSampleId :
 PB82482BSD

Tgt Ion:196 Resp: 69400
 Ion Ratio Lower Upper
 196 100
 198 97.9 76.6 115.0
 97 37.0 50.6 75.8#
 132 24.6 27.7 41.5#

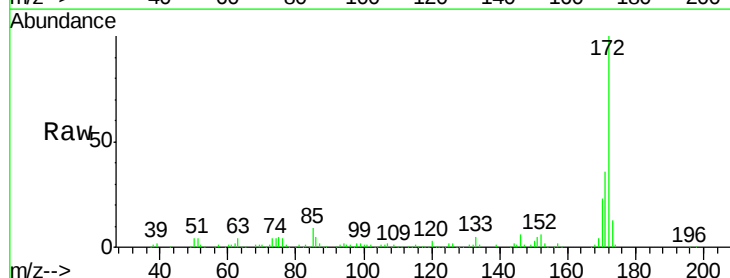


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

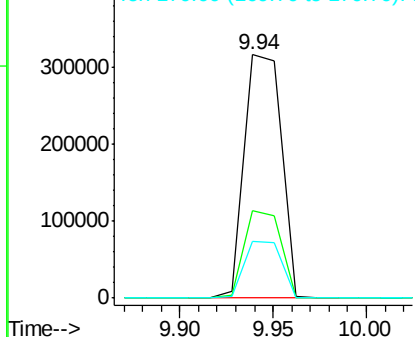
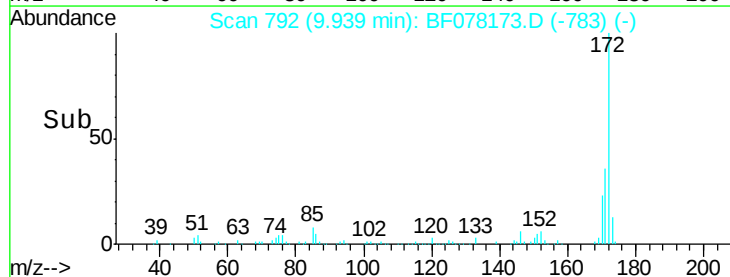


#44
 2-Fluorobiphenyl
 Concen: 82.86 ng
 RT: 9.94 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF078173.D
 Acq: 2 Apr 2015 1:18

Tgt Ion:172 Resp: 437098
 Ion Ratio Lower Upper
 172 100
 171 35.8 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

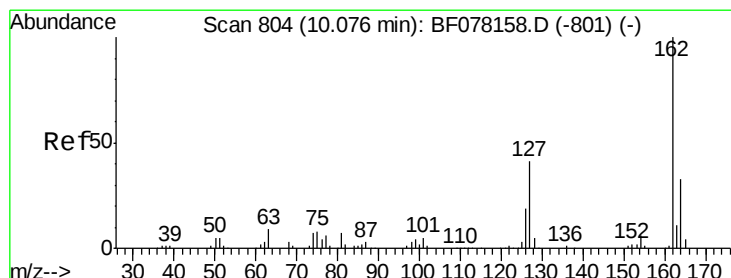
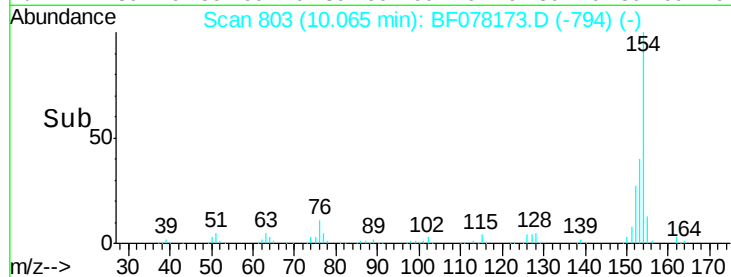
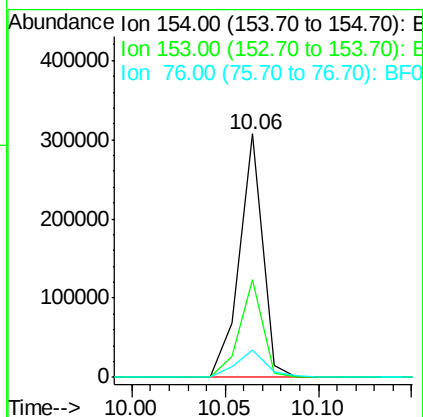
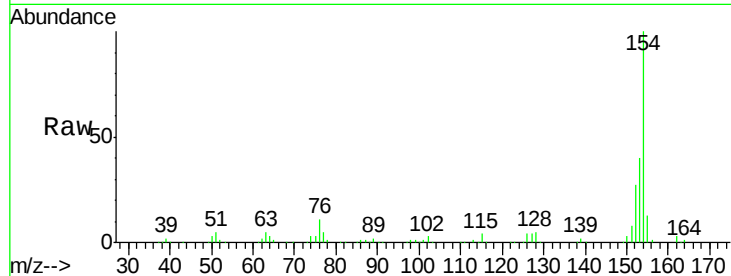




#45
 1,1'-Biphenyl
 Concen: 43.62 ng
 RT: 10.06 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF078173.D
 Acq: 2 Apr 2015 1:18

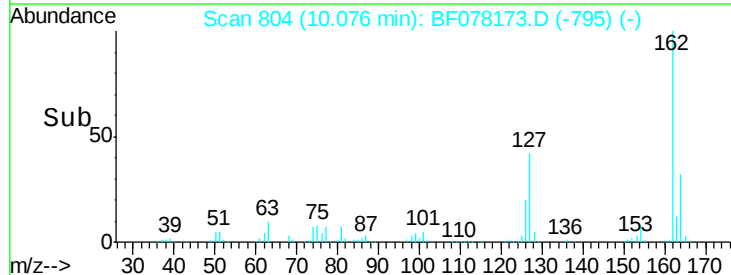
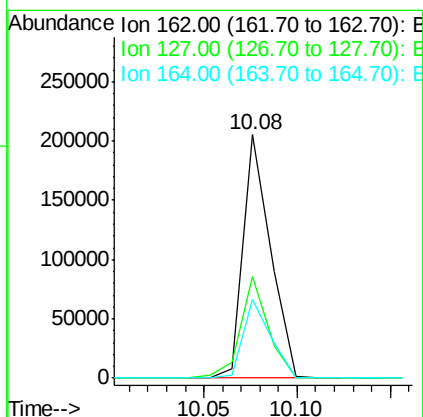
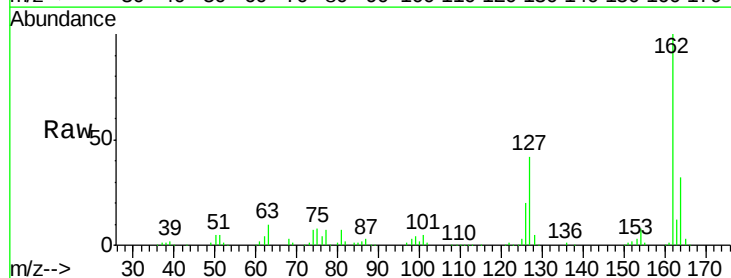
Instrument :
 BNA_F
 ClientSampleId :
 PB82482BSD

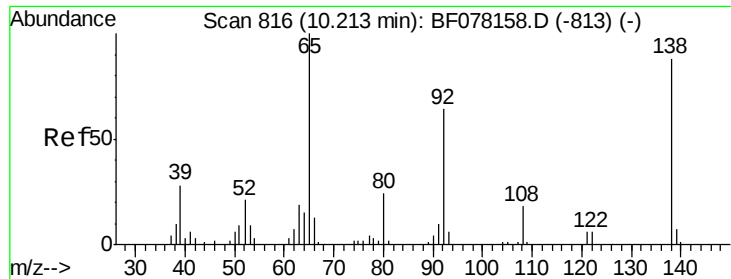
Tgt Ion:154 Resp: 269062
 Ion Ratio Lower Upper
 154 100
 153 40.0 20.0 60.0
 76 11.1 0.0 30.6



#46
 2-Chloronaphthalene
 Concen: 43.06 ng
 RT: 10.08 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: BF078173.D
 Acq: 2 Apr 2015 1:18

Tgt Ion:162 Resp: 208956
 Ion Ratio Lower Upper
 162 100
 127 41.5 32.6 49.0
 164 32.2 26.0 39.0

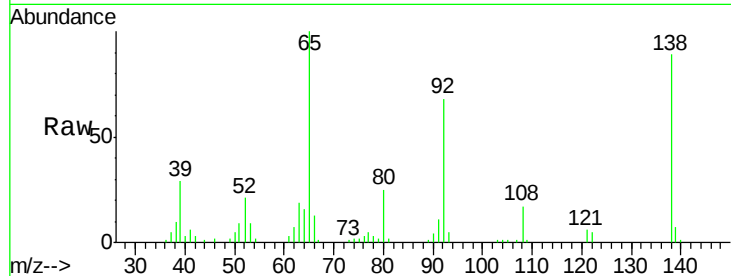




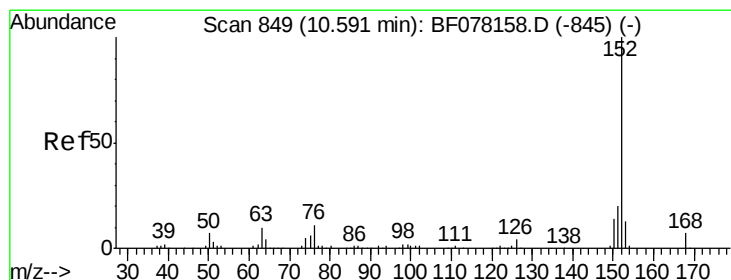
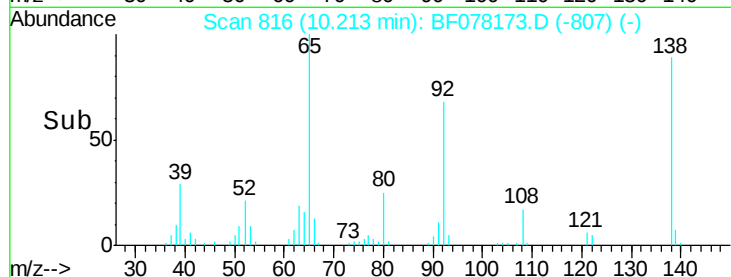
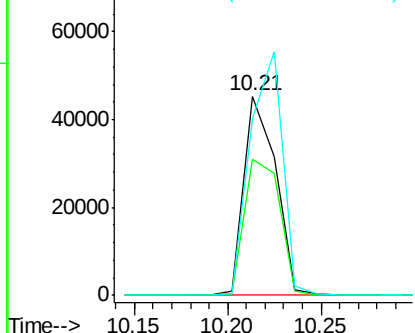
#47
2-Nitroaniline
Concen: 45.50 ng
RT: 10.21 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF078173.D
Acq: 2 Apr 2015 1:18

Instrument :
BNA_F
ClientSampleId :
PB82482BSD

Tgt Ion: 65 Resp: 54632
Ion Ratio Lower Upper
65 100
92 68.1 51.3 76.9
138 89.0 70.4 105.6

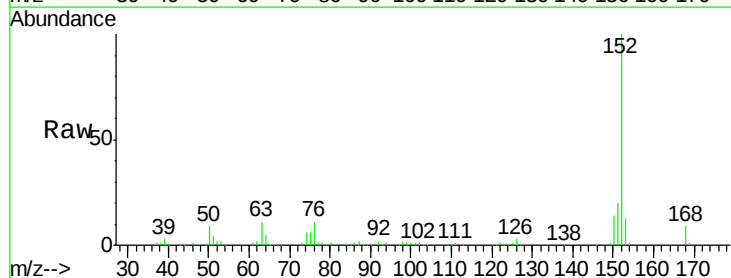


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

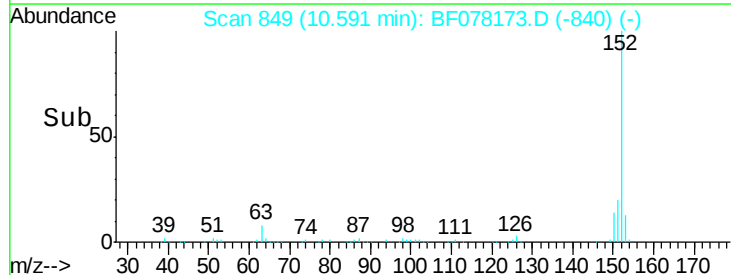
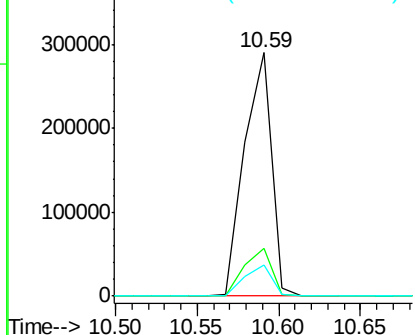


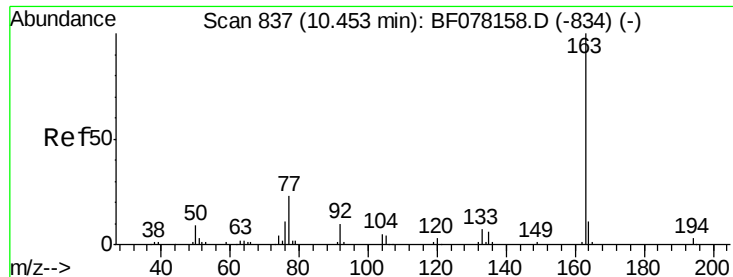
#48
Acenaphthylene
Concen: 42.60 ng
RT: 10.59 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF078173.D
Acq: 2 Apr 2015 1:18

Tgt Ion: 152 Resp: 333852
Ion Ratio Lower Upper
152 100
151 19.5 15.7 23.5
153 12.8 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

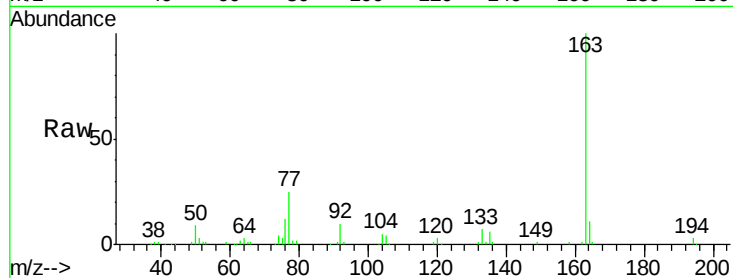




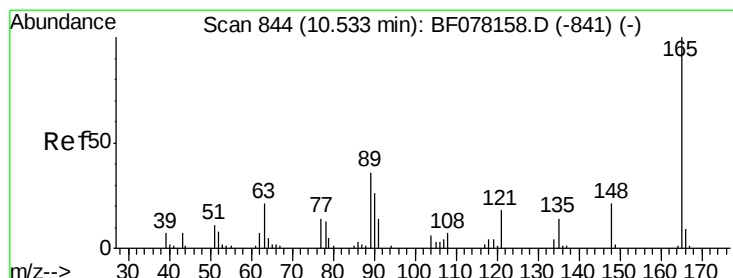
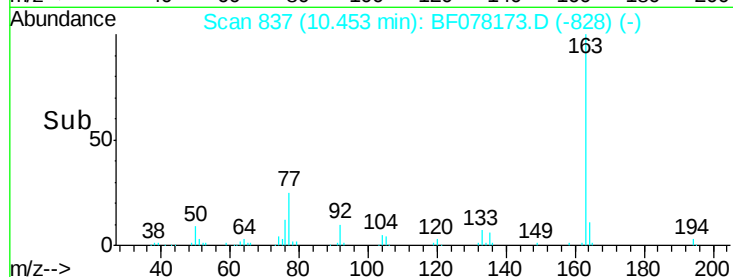
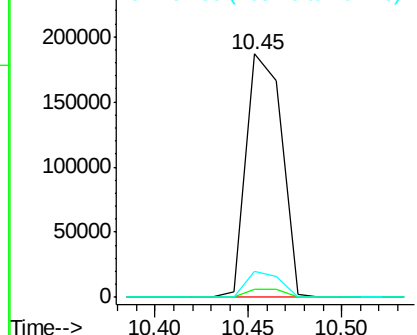
#49
Dimethylphthalate
Concen: 43.63 ng
RT: 10.45 min Scan# 837
Delta R.T. -0.00 min
Lab File: BF078173.D
Acq: 2 Apr 2015 1:18

Instrument :
BNA_F
ClientSampleId :
PB82482BSD

Tgt Ion:163 Resp: 247199
Ion Ratio Lower Upper
163 100
194 3.1 2.3 3.5
164 10.8 8.6 13.0

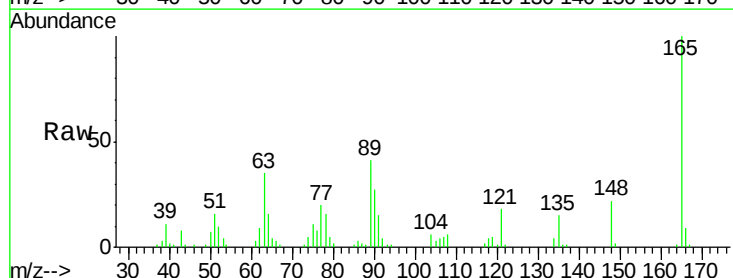


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

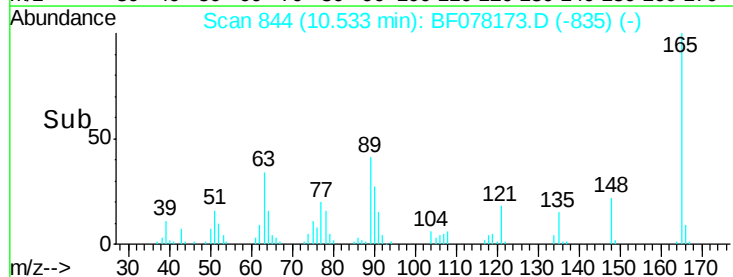
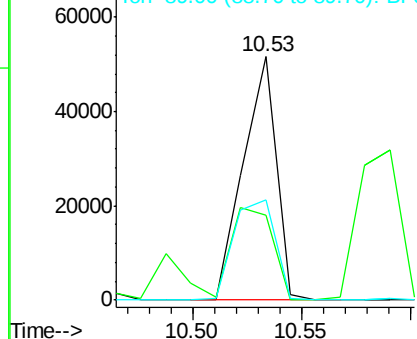


#50
2,6-Dinitrotoluene
Concen: 46.76 ng
RT: 10.53 min Scan# 844
Delta R.T. -0.00 min
Lab File: BF078173.D
Acq: 2 Apr 2015 1:18

Tgt Ion:165 Resp: 54506
Ion Ratio Lower Upper
165 100
63 35.0 24.1 36.1
89 41.0 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: 43.62 ng

RT: 10.80 min Scan# 867

Delta R.T. -0.00 min

Lab File: BF078173.D

Acq: 2 Apr 2015 1:18

Instrument :

BNA_F

ClientSampleId :

PB82482BSD

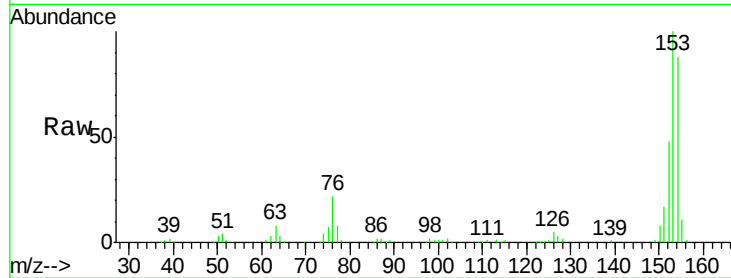
Tgt Ion:154 Resp: 192478

Ion Ratio Lower Upper

154 100

153 114.2 91.4 137.2

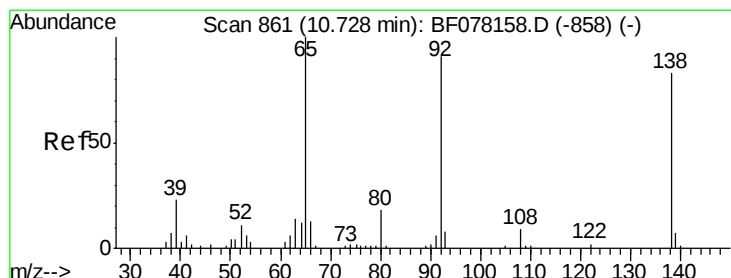
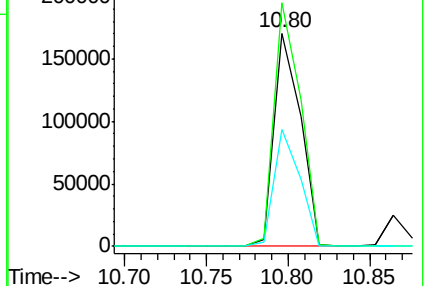
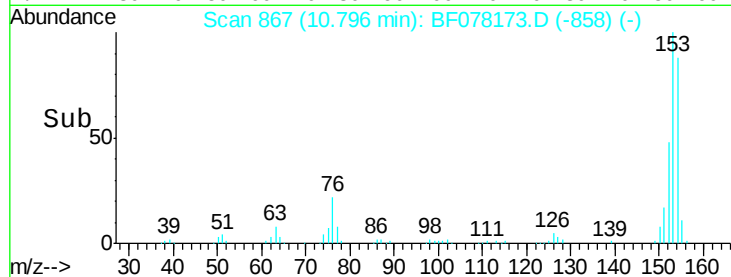
152 54.6 43.0 64.6



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: 26.48 ng

RT: 10.73 min Scan# 861

Delta R.T. -0.00 min

Lab File: BF078173.D

Acq: 2 Apr 2015 1:18

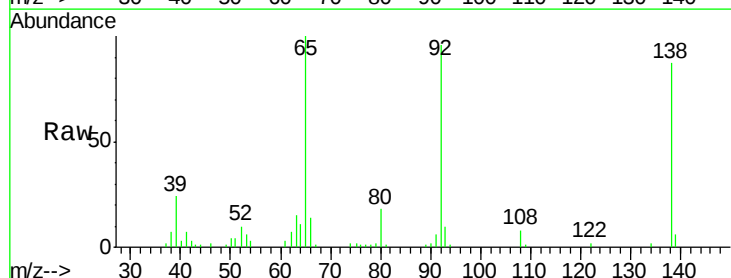
Tgt Ion:138 Resp: 35096

Ion Ratio Lower Upper

138 100

108 9.6 8.2 12.4

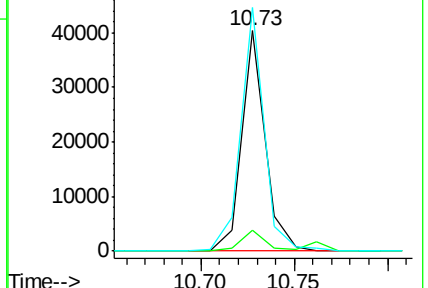
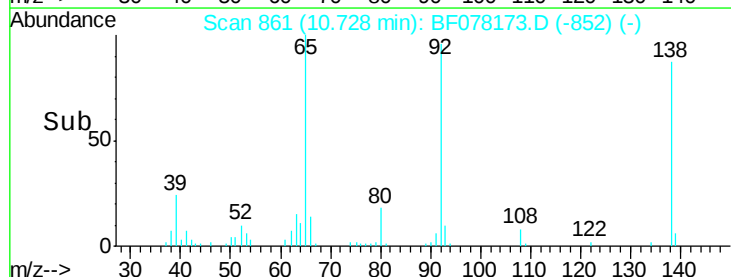
92 110.6 88.4 132.6

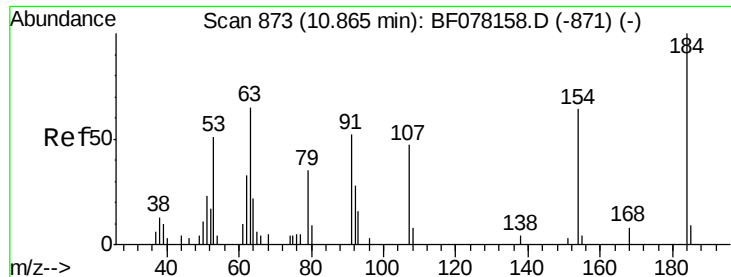


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

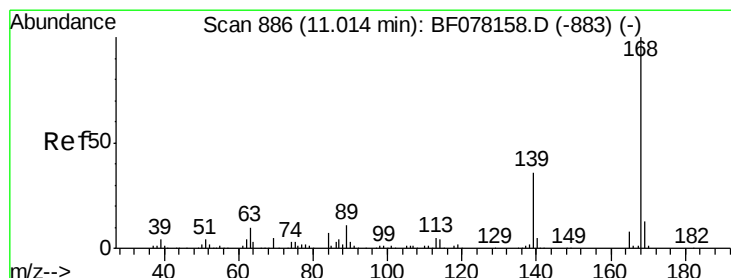
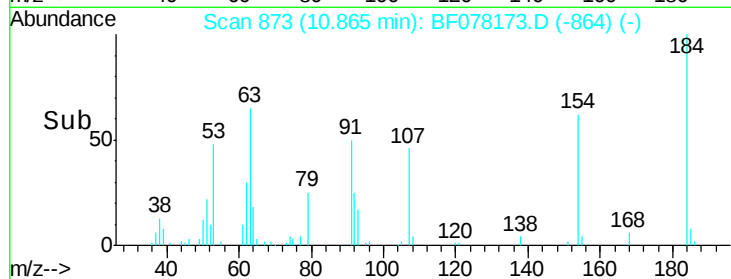
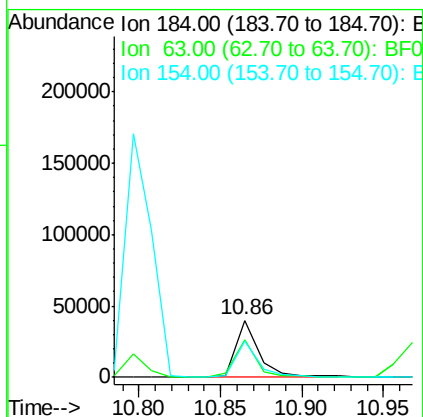
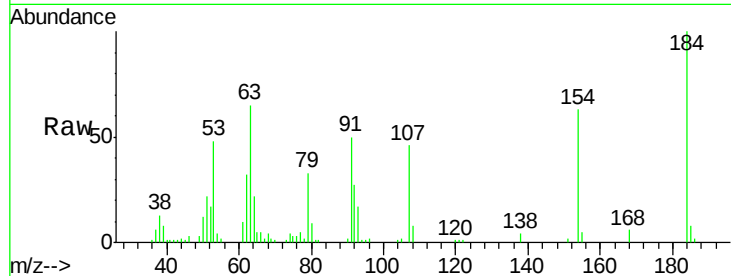




#53
 2,4-Dinitrophenol
 Concen: 84.93 ng
 RT: 10.86 min Scan# 873
 Delta R.T. 0.00 min
 Lab File: BF078173.D
 Acq: 2 Apr 2015 1:18

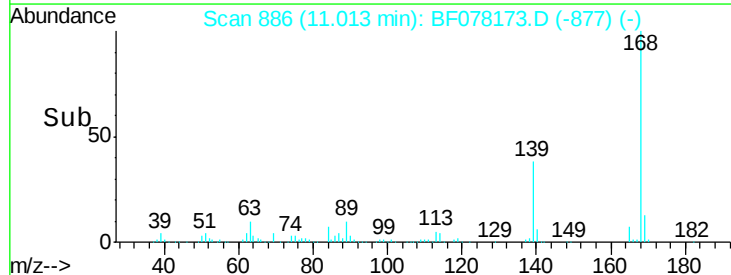
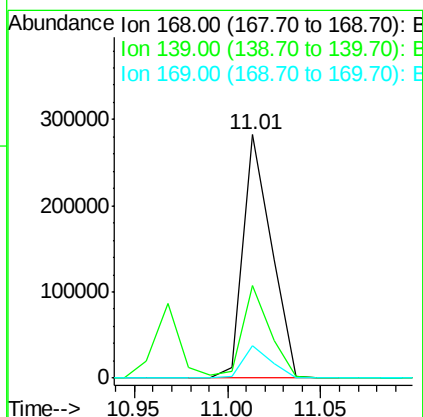
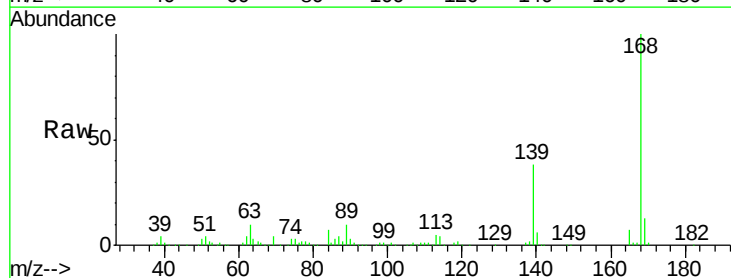
Instrument :
 BNA_F
 ClientSampleId :
 PB82482BSD

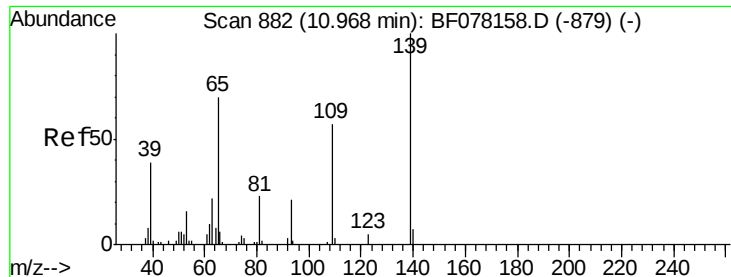
Tgt Ion:184 Resp: 39675
 Ion Ratio Lower Upper
 184 100
 63 64.9 51.9 77.9
 154 63.0 51.0 76.4



#54
 Dibenzofuran
 Concen: 44.25 ng
 RT: 11.01 min Scan# 886
 Delta R.T. -0.00 min
 Lab File: BF078173.D
 Acq: 2 Apr 2015 1:18

Tgt Ion:168 Resp: 298188
 Ion Ratio Lower Upper
 168 100
 139 38.2 31.0 46.4
 169 13.3 10.7 16.1

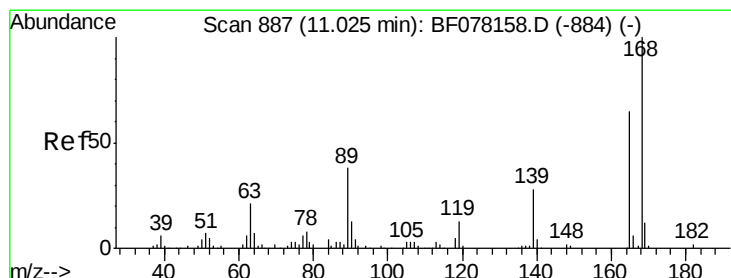
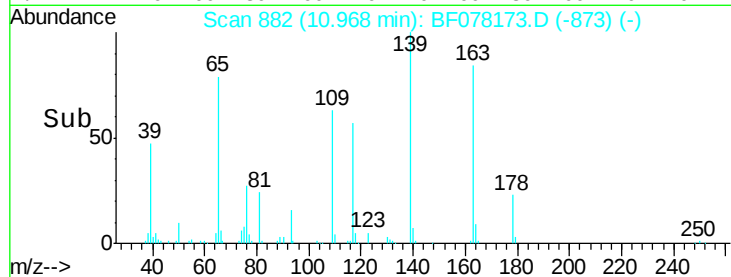
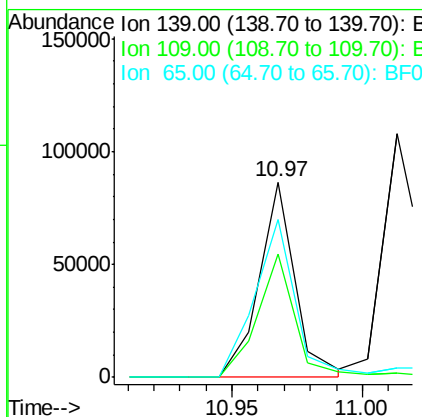
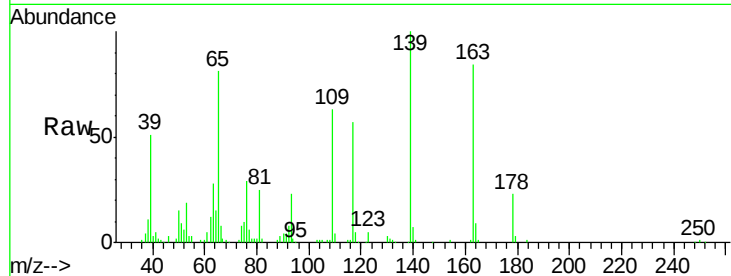




#55
4-Nitrophenol
Concen: 85.41 ng
RT: 10.97 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF078173.D
Acq: 2 Apr 2015 1:18

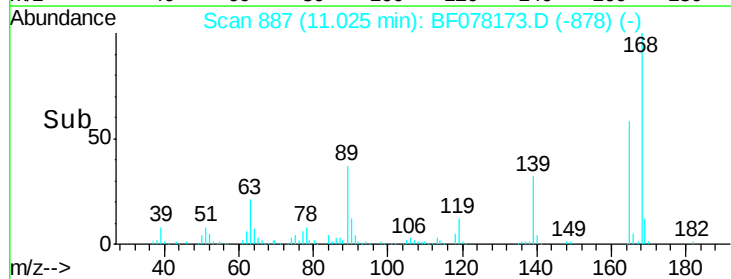
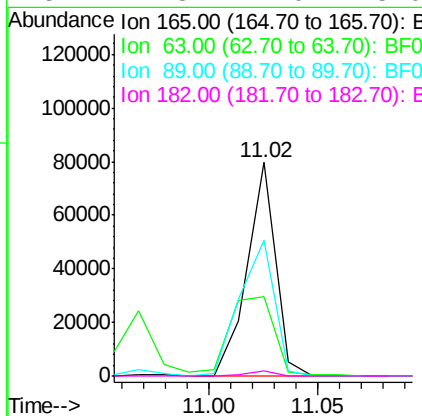
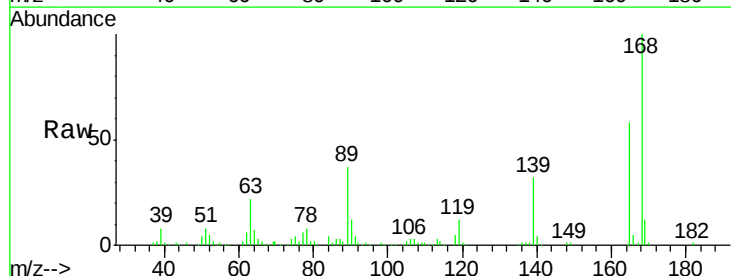
Instrument :
BNA_F
ClientSampleId :
PB82482BSD

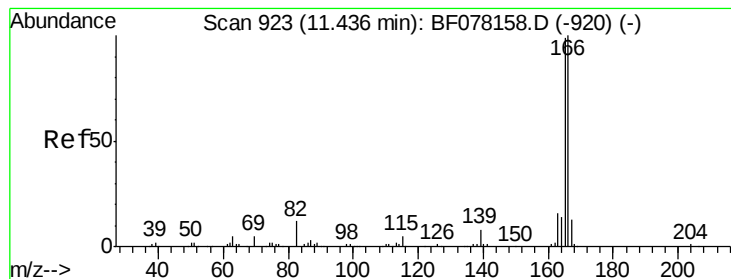
Tgt Ion:139 Resp: 83541
Ion Ratio Lower Upper
139 100
109 63.0 36.7 76.7
65 81.0 49.9 89.9



#56
2,4-Dinitrotoluene
Concen: 47.90 ng
RT: 11.02 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF078173.D
Acq: 2 Apr 2015 1:18

Tgt Ion:165 Resp: 72302
Ion Ratio Lower Upper
165 100
63 37.2 26.5 39.7
89 63.6 46.4 69.6
182 2.3 2.0 3.0





#57

Fluorene

Concen: 44.62 ng

RT: 11.44 min Scan# 923

Delta R.T. -0.00 min

Lab File: BF078173.D

Acq: 2 Apr 2015 1:18

Instrument :

BNA_F

ClientSampleId :

PB82482BSD

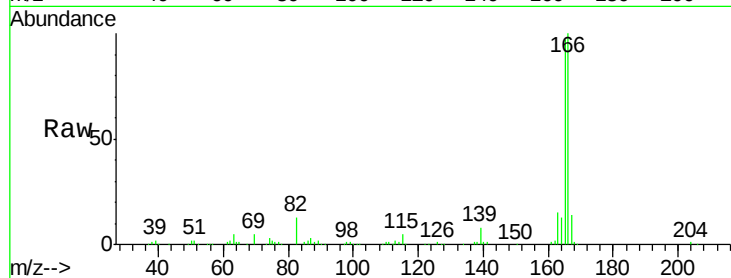
Tgt Ion:166 Resp: 243721

Ion Ratio Lower Upper

166 100

165 97.4 78.9 118.3

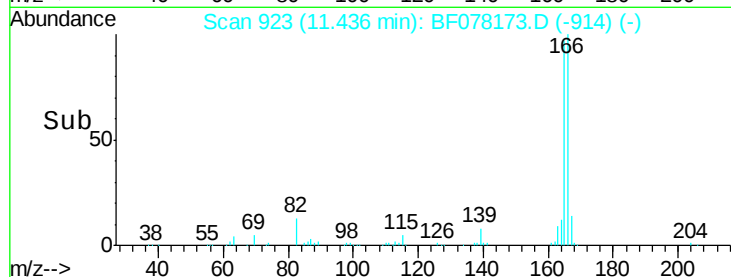
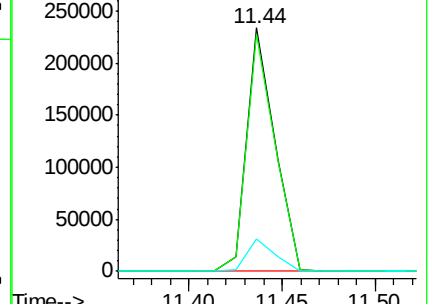
167 13.5 10.7 16.1



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: 47.19 ng

RT: 11.17 min Scan# 900

Delta R.T. -0.00 min

Lab File: BF078173.D

Acq: 2 Apr 2015 1:18

Tgt Ion:232 Resp: 53859

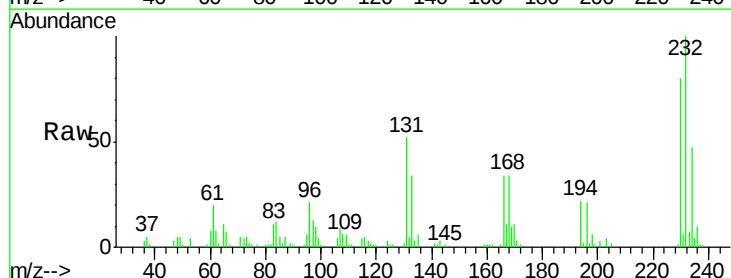
Ion Ratio Lower Upper

232 100

131 47.0 37.8 56.8

130 2.0 1.5 2.3

166 32.9 25.8 38.6

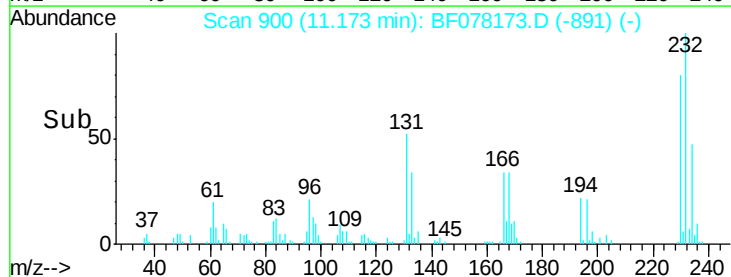
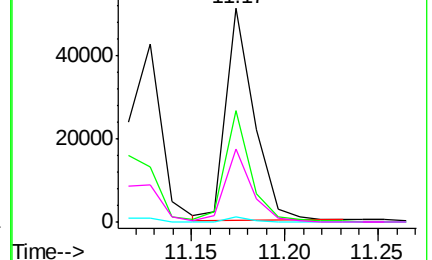


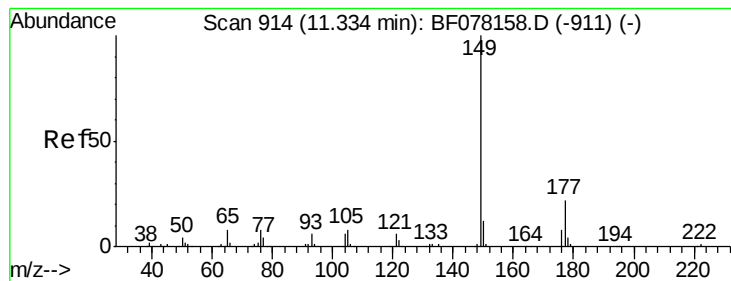
Abundance Ion 232.00 (231.70 to 232.70): E

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: 44.70 ng

RT: 11.33 min Scan# 914

Delta R.T. -0.00 min

Lab File: BF078173.D

Acq: 2 Apr 2015 1:18

Instrument :

BNA_F

ClientSampleId :

PB82482BSD

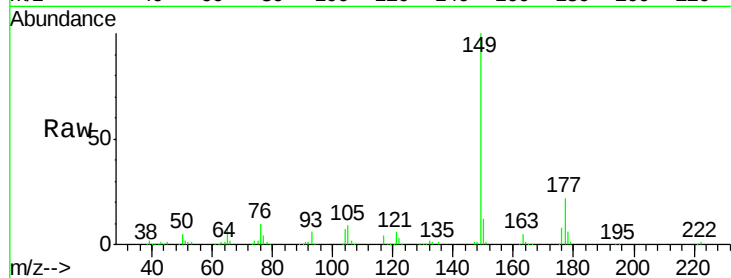
Tgt Ion:149 Resp: 244186

Ion Ratio Lower Upper

149 100

177 21.8 17.4 26.2

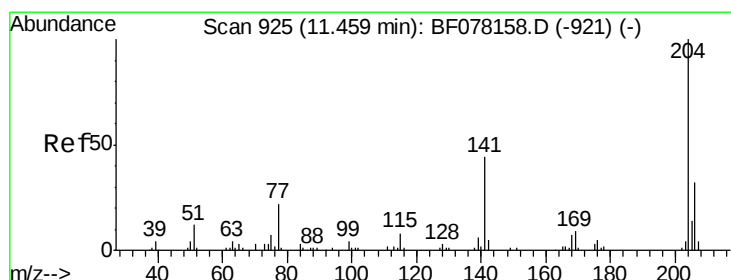
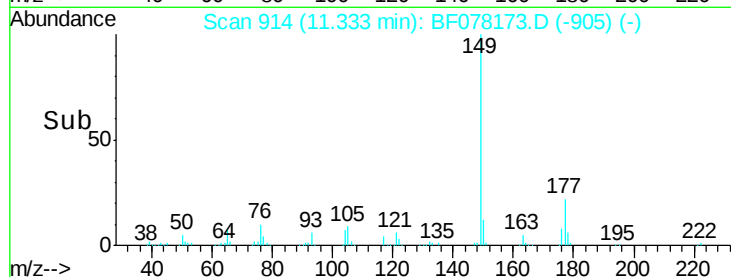
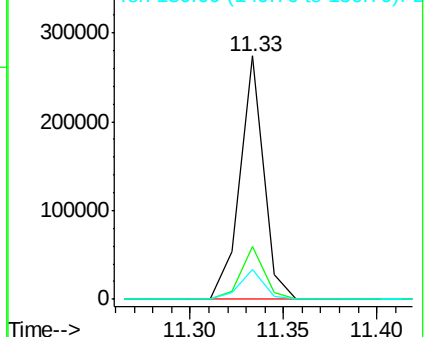
150 12.2 9.4 14.2



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: 45.95 ng

RT: 11.46 min Scan# 925

Delta R.T. -0.00 min

Lab File: BF078173.D

Acq: 2 Apr 2015 1:18

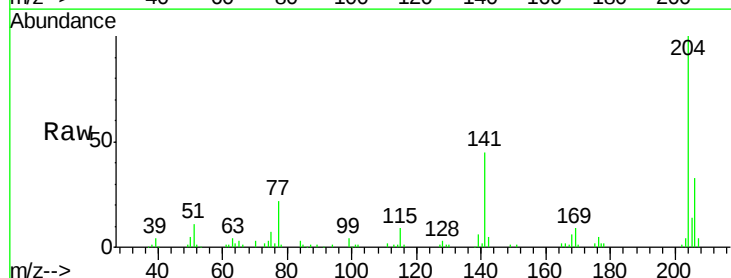
Tgt Ion:204 Resp: 115459

Ion Ratio Lower Upper

204 100

206 32.8 25.6 38.4

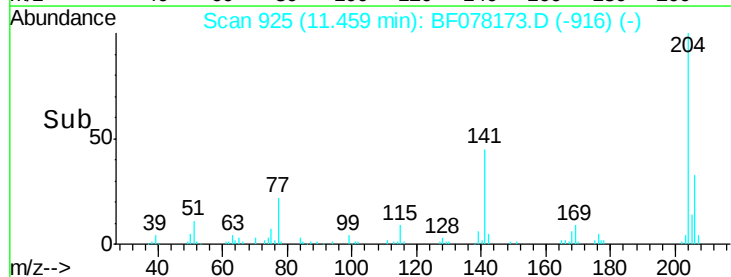
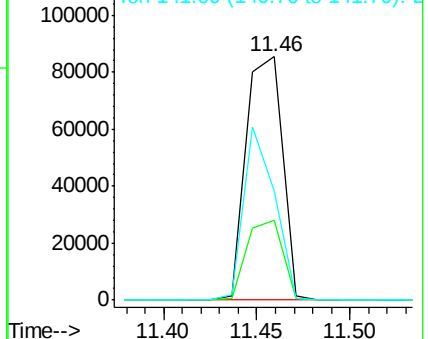
141 44.9 35.4 53.0

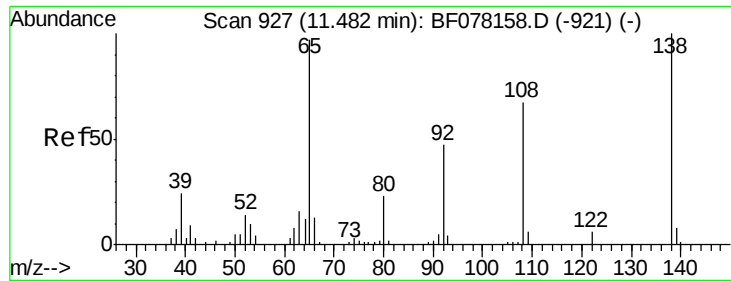


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

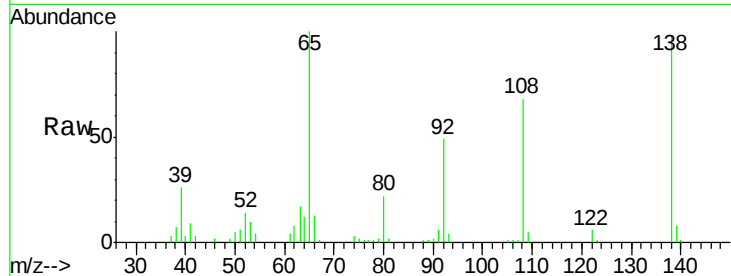




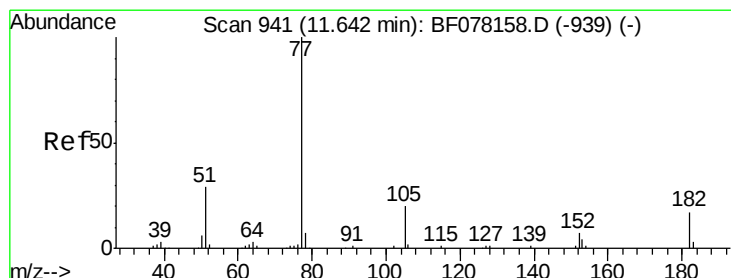
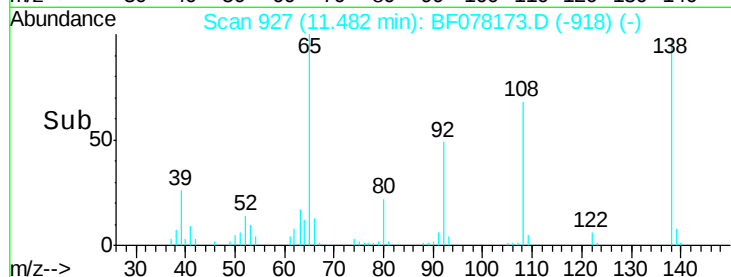
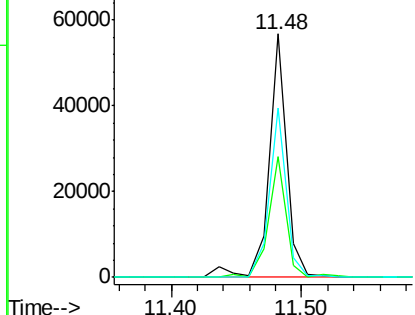
#61
4-Nitroaniline
Concen: 40.59 ng
RT: 11.48 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF078173.D
Acq: 2 Apr 2015 1:18

Instrument :
BNA_F
ClientSampleId :
PB82482BSD

Tgt Ion: 138 Resp: 54381
Ion Ratio Lower Upper
138 100
92 49.4 27.3 67.3
108 69.3 47.2 87.2

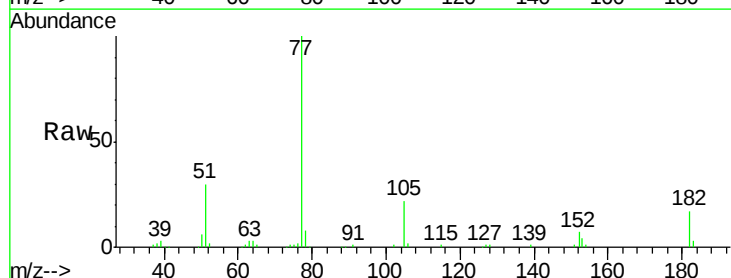


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

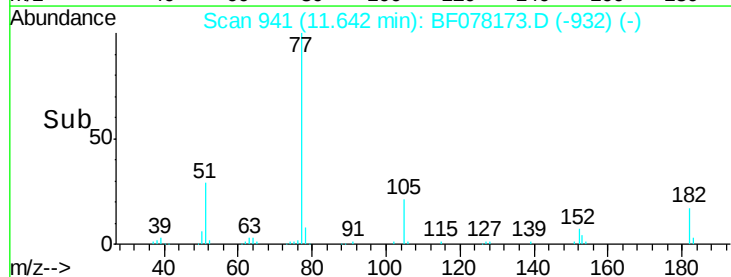
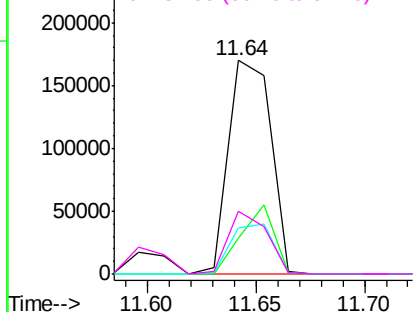


#62
Azobenzene
Concen: 46.17 ng
RT: 11.64 min Scan# 941
Delta R.T. -0.00 min
Lab File: BF078173.D
Acq: 2 Apr 2015 1:18

Tgt Ion: 77 Resp: 230168
Ion Ratio Lower Upper
77 100
182 17.1 0.0 36.8
105 21.8 0.3 40.3
51 29.5 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

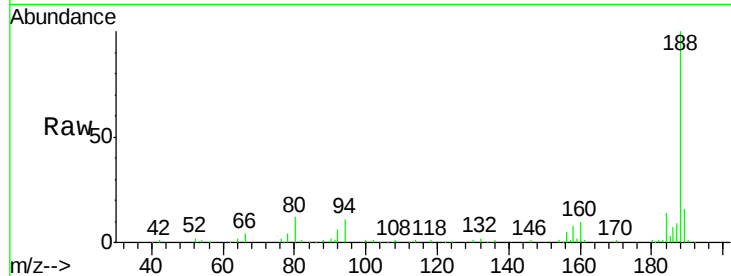




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.59 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: BF078173.D
 Acq: 2 Apr 2015 1:18

Instrument :
 BNA_F
 ClientSampleId :
 PB82482BSD

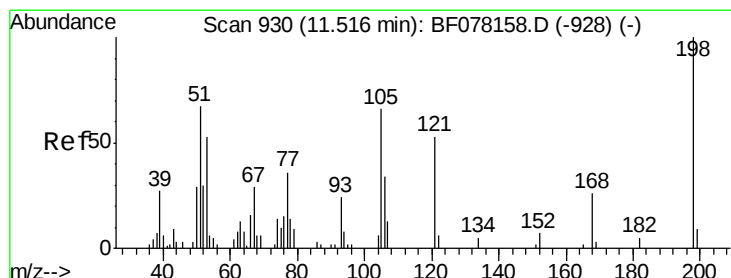
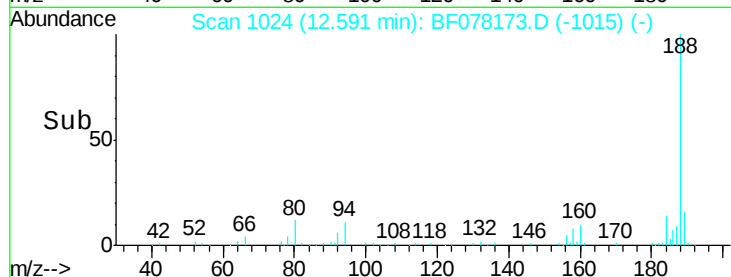
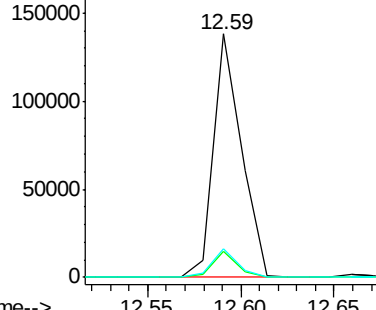
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	143800		
94	10.9		9.0	13.4
80	11.6		9.5	14.3



Abundance Ion 188.00 (187.70 to 188.70): E

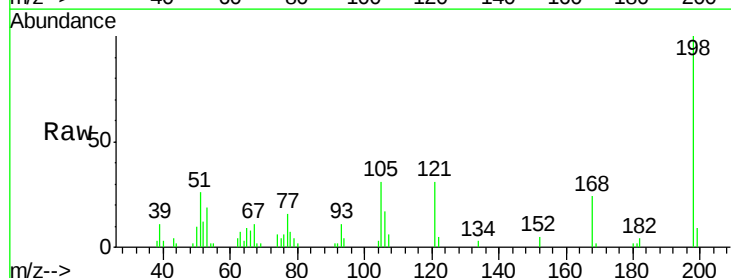
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64
 4,6-Dinitro-2-methylphenol
 Concen: 40.94 ng
 RT: 11.53 min Scan# 931
 Delta R.T. 0.01 min
 Lab File: BF078173.D
 Acq: 2 Apr 2015 1:18

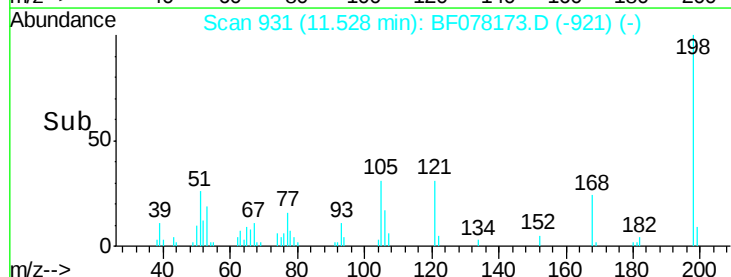
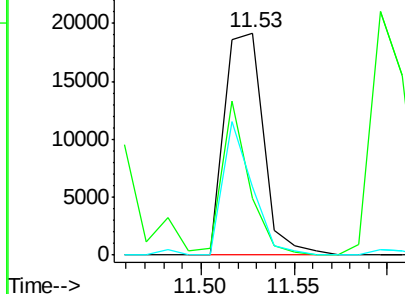
Tgt Ion	Ratio	Resp	Lower	Upper
198	100	28127		
51	25.8		48.6	88.6#
105	30.7		45.8	85.8#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

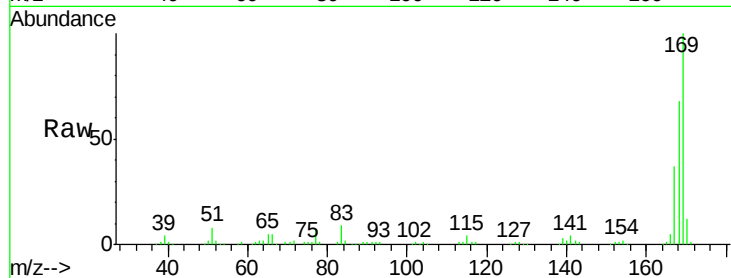




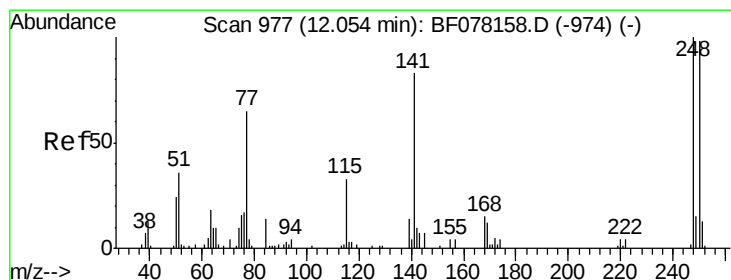
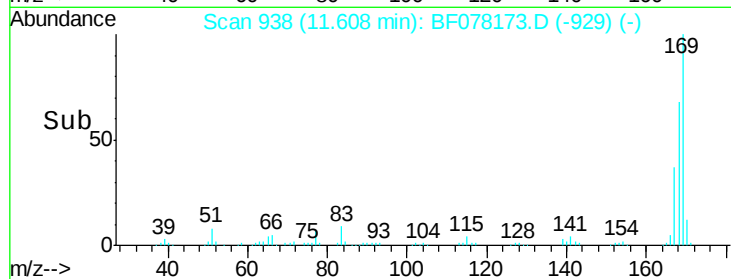
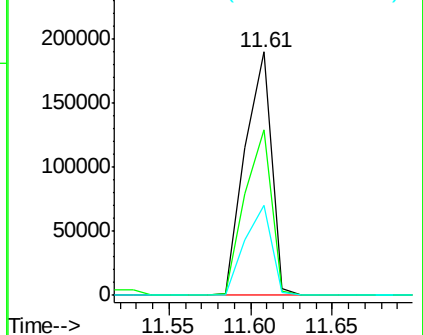
#65
 n-Nitrosodiphenylamine
 Concen: 43.02 ng
 RT: 11.61 min Scan# 938
 Delta R.T. -0.00 min
 Lab File: BF078173.D
 Acq: 2 Apr 2015 1:18

Instrument :
 BNA_F
 ClientSampleId :
 PB82482BSD

Tgt Ion:169 Resp: 213970
 Ion Ratio Lower Upper
 169 100
 168 67.8 55.0 82.4
 167 37.0 29.3 43.9

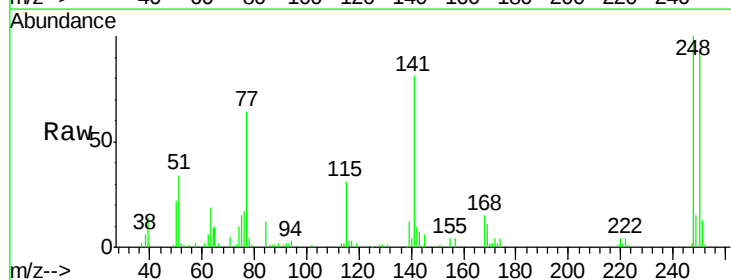


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

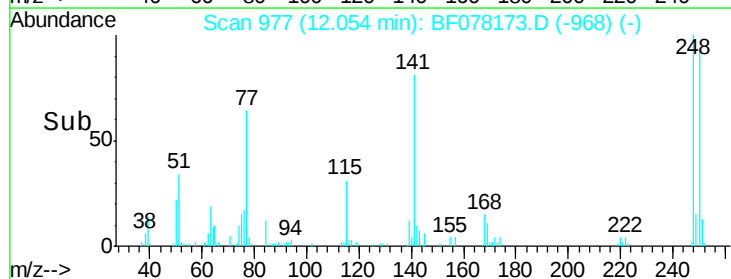
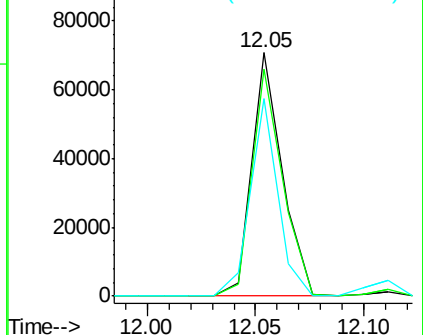


#66
 4-Bromophenyl-phenylether
 Concen: 44.98 ng
 RT: 12.05 min Scan# 977
 Delta R.T. -0.00 min
 Lab File: BF078173.D
 Acq: 2 Apr 2015 1:18

Tgt Ion:248 Resp: 68497
 Ion Ratio Lower Upper
 248 100
 250 93.0 78.2 117.2
 141 81.2 66.4 99.6



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

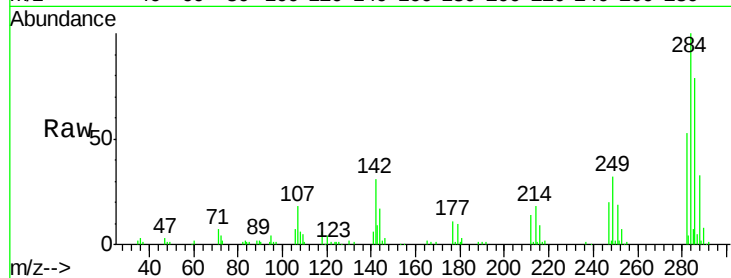




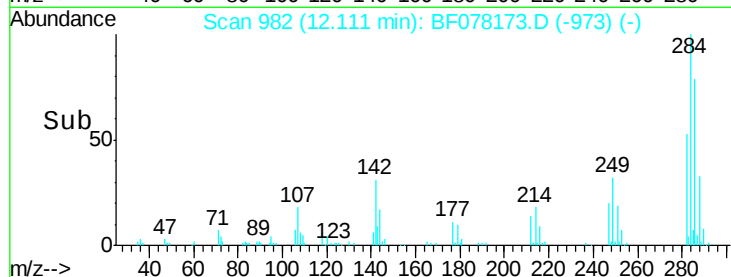
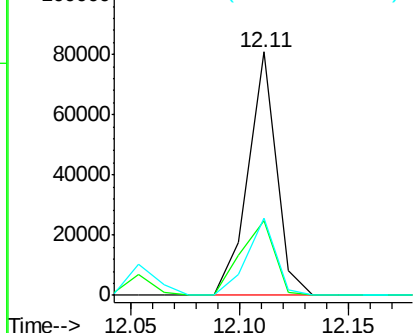
#67
Hexachlorobenzene
Concen: 43.76 ng
RT: 12.11 min Scan# 982
Delta R.T. -0.00 min
Lab File: BF078173.D
Acq: 2 Apr 2015 1:18

Instrument :
BNA_F
ClientSampleId :
PB82482BSD

Tgt Ion: 284 Resp: 73028
Ion Ratio Lower Upper
284 100
142 30.8 24.5 36.7
249 31.5 24.8 37.2

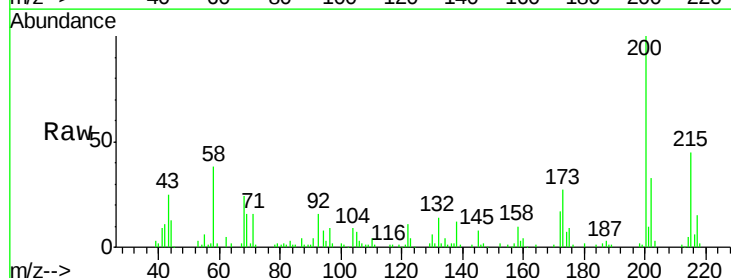


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

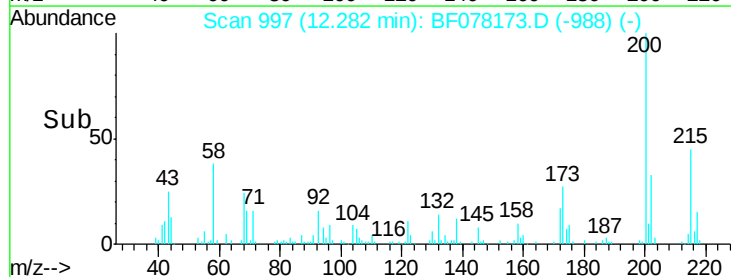
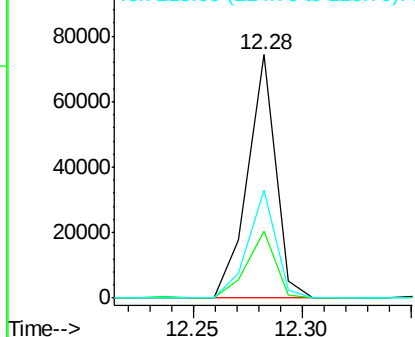


#68
Atrazine
Concen: 46.35 ng
RT: 12.28 min Scan# 997
Delta R.T. -0.00 min
Lab File: BF078173.D
Acq: 2 Apr 2015 1:18

Tgt Ion: 200 Resp: 66770
Ion Ratio Lower Upper
200 100
173 27.4 6.9 46.9
215 44.5 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

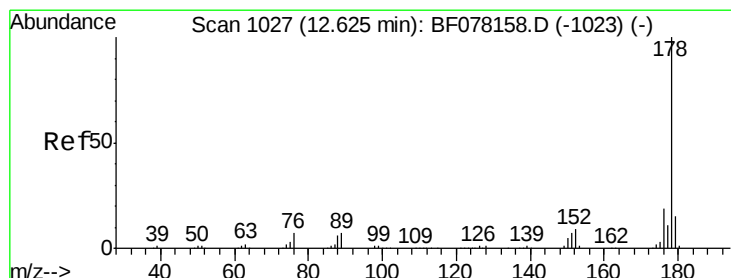
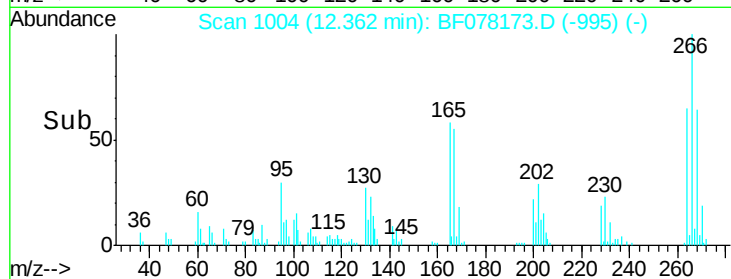
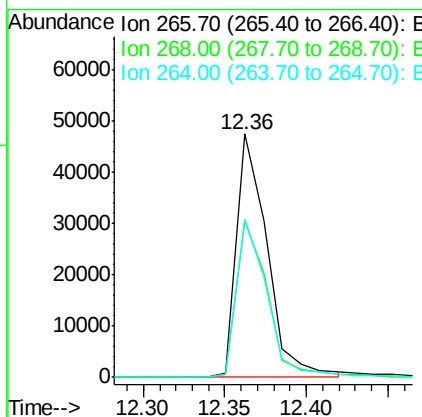
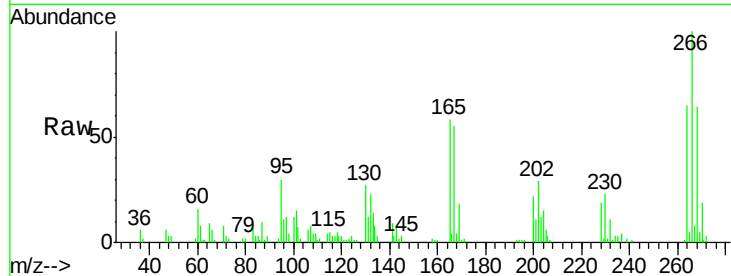




#69
 Pentachlorophenol
 Concen: 82.81 ng
 RT: 12.36 min Scan# 1004
 Delta R.T. 0.00 min
 Lab File: BF078173.D
 Acq: 2 Apr 2015 1:18

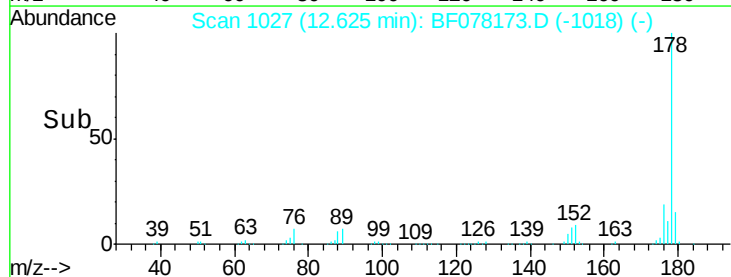
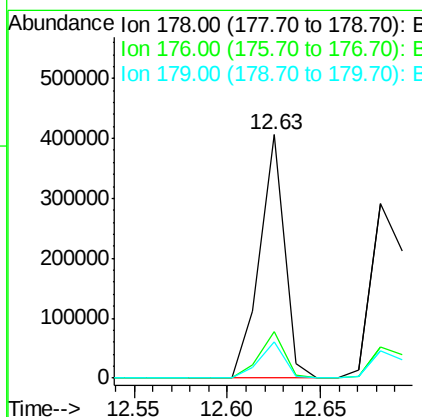
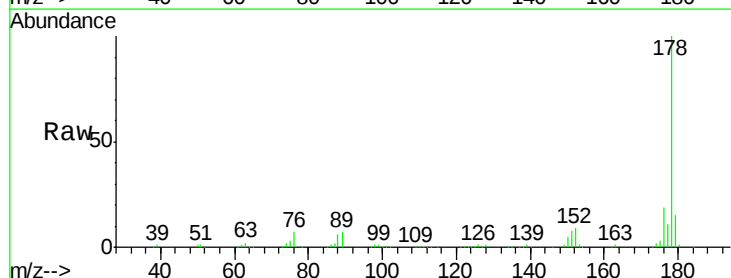
Instrument :
 BNA_F
 ClientSampleId :
 PB82482BSD

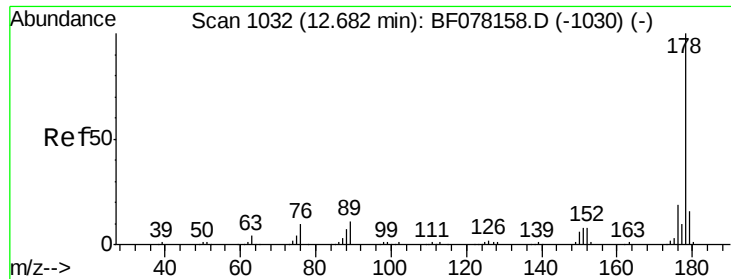
Tgt Ion: 266 Resp: 61508
 Ion Ratio Lower Upper
 266 100
 268 64.1 50.1 75.1
 264 65.0 50.0 75.0



#70
 Phenanthrene
 Concen: 44.82 ng
 RT: 12.63 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BF078173.D
 Acq: 2 Apr 2015 1:18

Tgt Ion: 178 Resp: 372783
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.0
 179 14.8 12.2 18.2

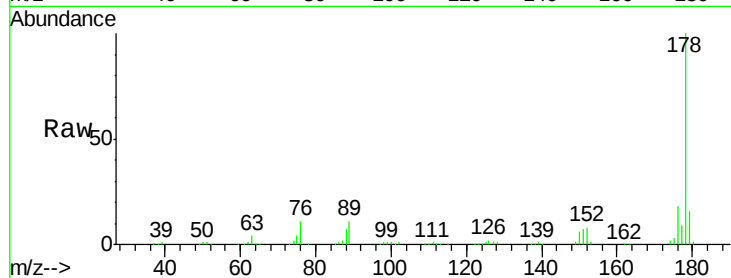




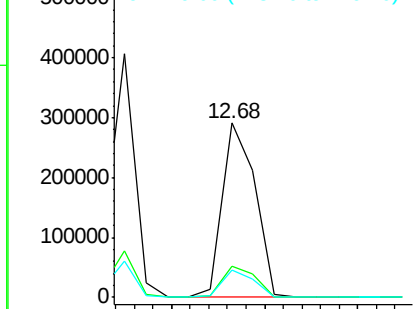
#71
 Anthracene
 Concen: 43.57 ng
 RT: 12.68 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BF078173.D
 Acq: 2 Apr 2015 1:18

Instrument :
 BNA_F
 ClientSampleId :
 PB82482BSD

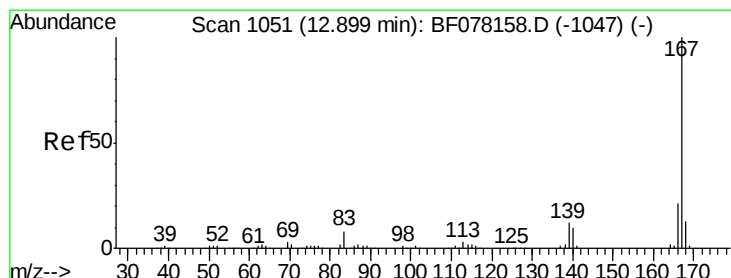
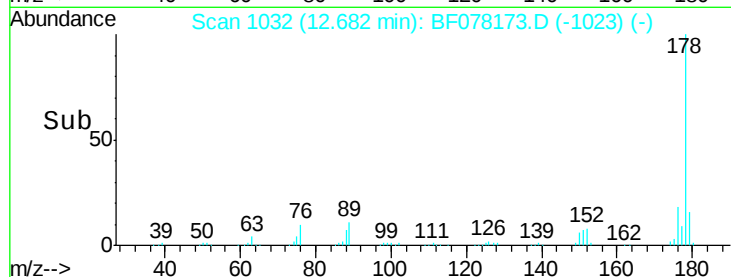
Tgt Ion:178 Resp: 357140
 Ion Ratio Lower Upper
 178 100
 176 18.0 14.8 22.2
 179 15.8 12.4 18.6



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

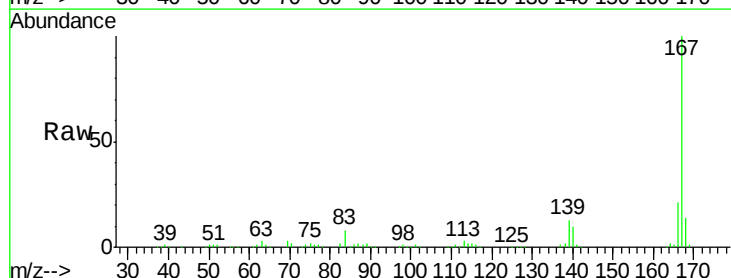


Time-->

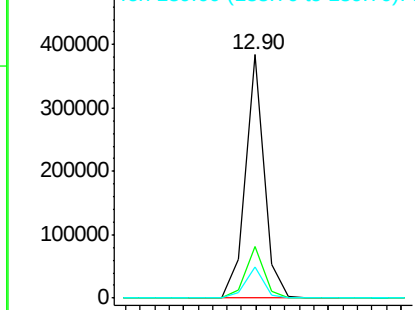


#72
 Carbazole
 Concen: 44.86 ng
 RT: 12.90 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: BF078173.D
 Acq: 2 Apr 2015 1:18

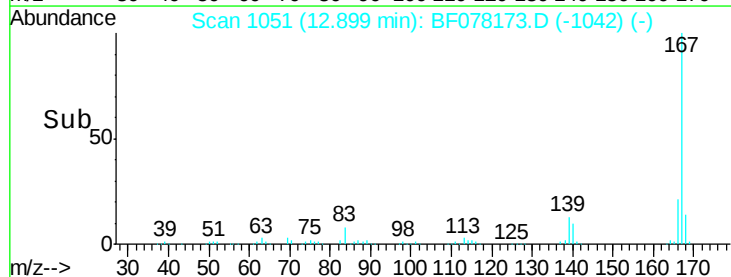
Tgt Ion:167 Resp: 344629
 Ion Ratio Lower Upper
 167 100
 166 21.4 16.8 25.2
 139 13.0 10.0 15.0

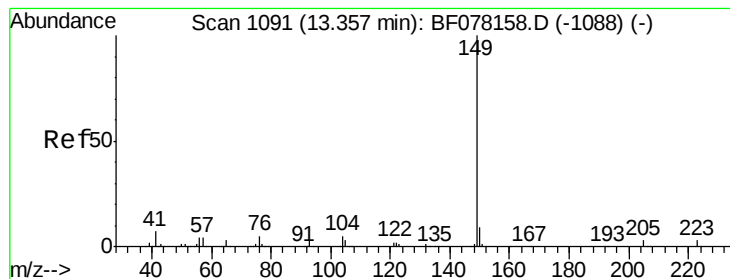


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



Time-->





#73

Di-n-butylphthalate

Concen: 44.73 ng

RT: 13.36 min Scan# 1091

Delta R.T. -0.00 min

Lab File: BF078173.D

Acq: 2 Apr 2015 1:18

Instrument :

BNA_F

ClientSampleId :

PB82482BSD

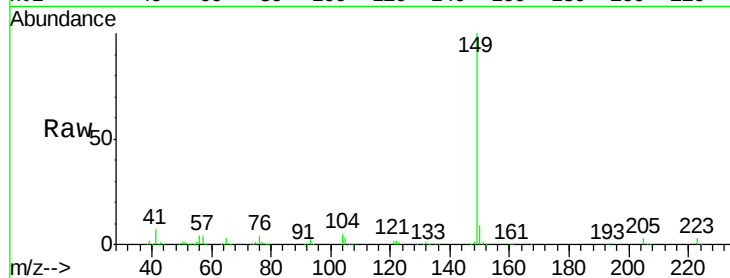
Tgt Ion:149 Resp: 389261

Ion Ratio Lower Upper

149 100

150 8.9 7.1 10.7

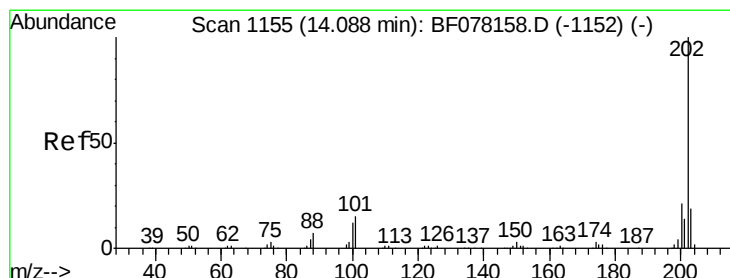
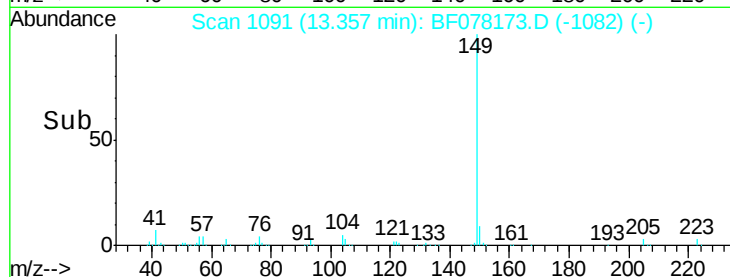
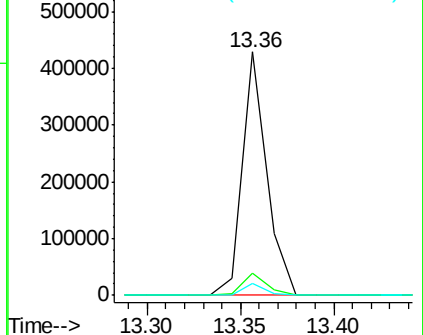
104 4.7 3.8 5.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.88 ng

RT: 14.09 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BF078173.D

Acq: 2 Apr 2015 1:18

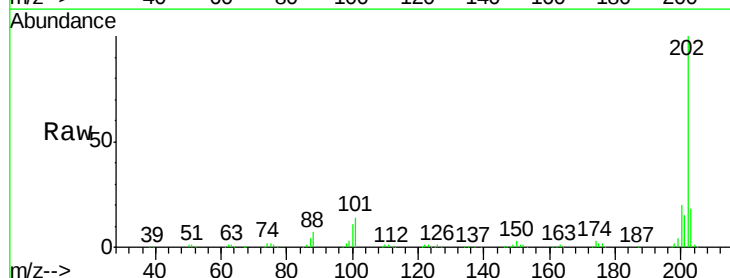
Tgt Ion:202 Resp: 376147

Ion Ratio Lower Upper

202 100

101 14.0 0.0 35.2

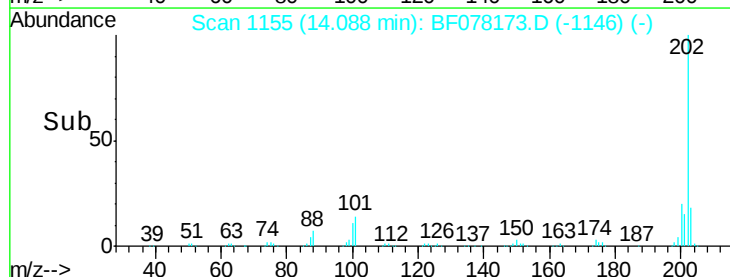
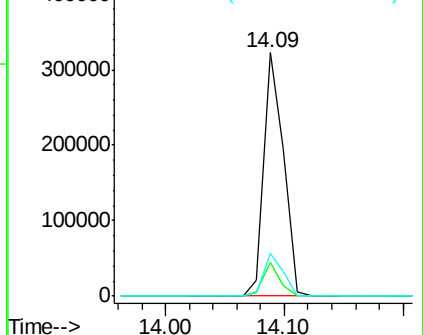
203 17.5 0.0 38.5

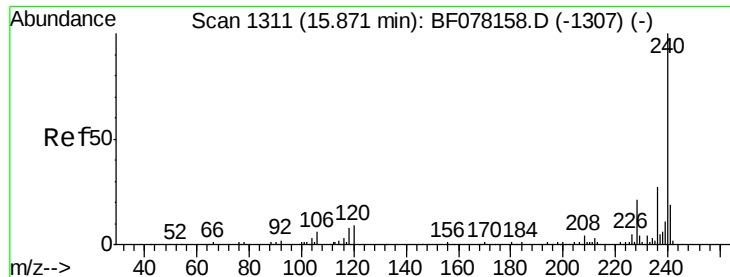


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

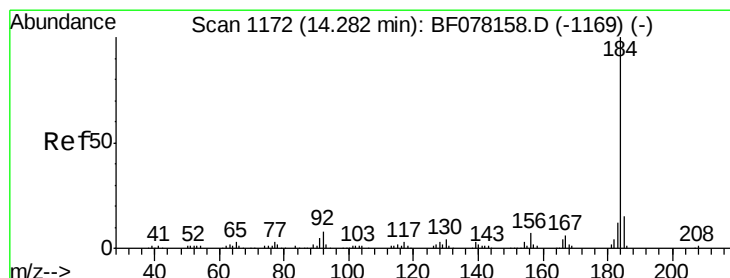
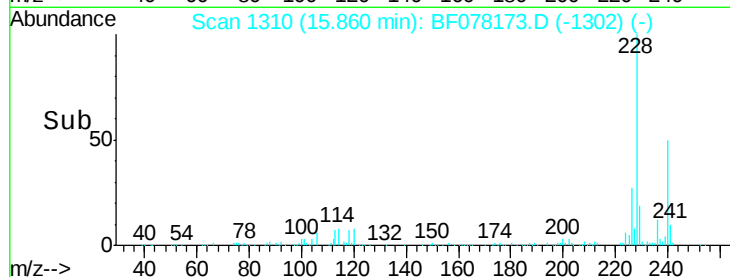
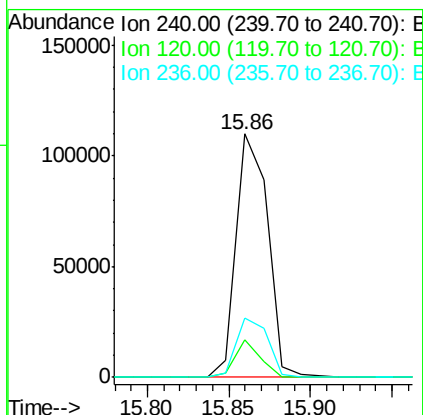
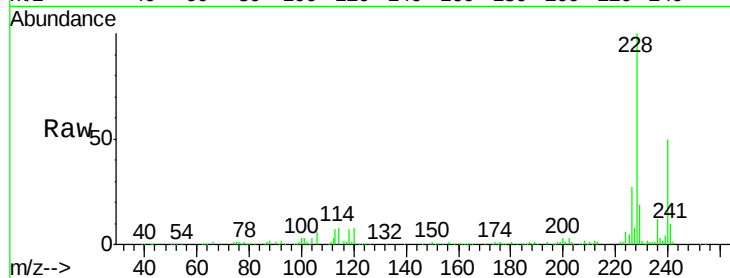




#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.86 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF078173.D
Acq: 2 Apr 2015 1:18

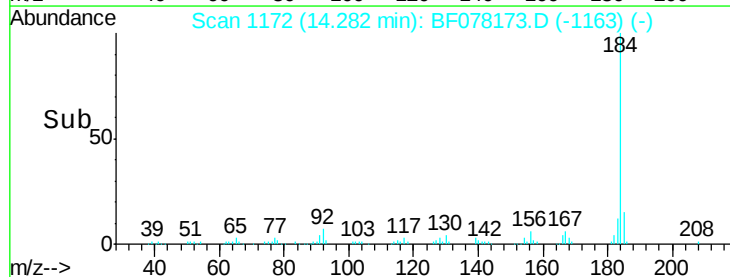
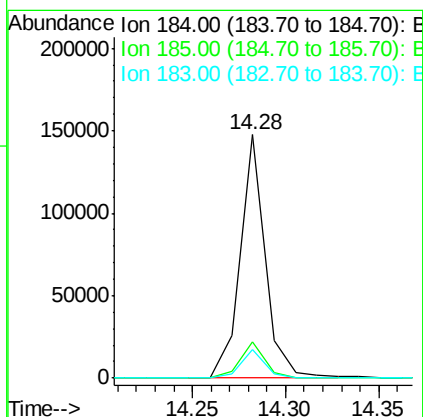
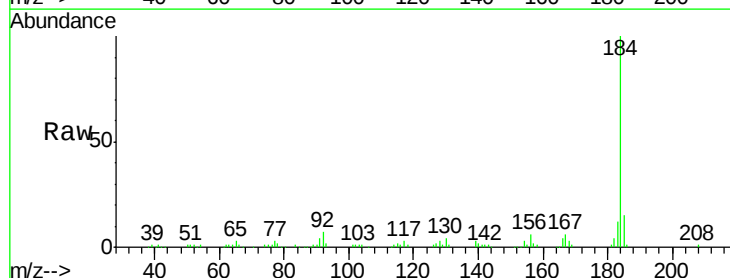
Instrument :
BNA_F
ClientSampleId :
PB82482BSD

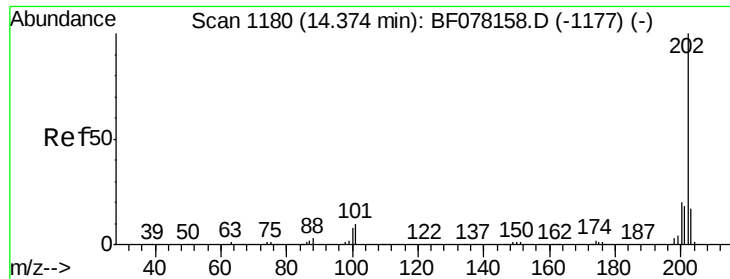
Tgt Ion:240 Resp: 146214
Ion Ratio Lower Upper
240 100
120 15.4 7.1 10.7#
236 24.6 21.4 32.2



#76
Benzidine
Concen: 23.94 ng
RT: 14.28 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BF078173.D
Acq: 2 Apr 2015 1:18

Tgt Ion:184 Resp: 138856
Ion Ratio Lower Upper
184 100
185 14.7 12.2 18.2
183 11.9 9.5 14.3

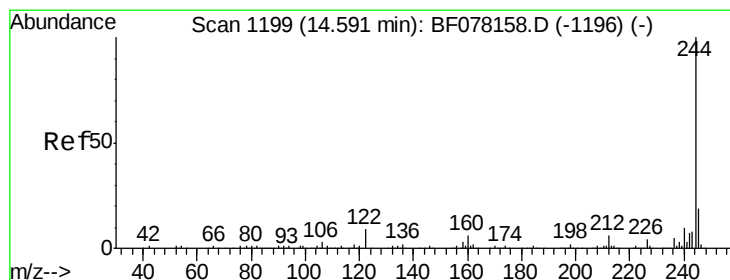
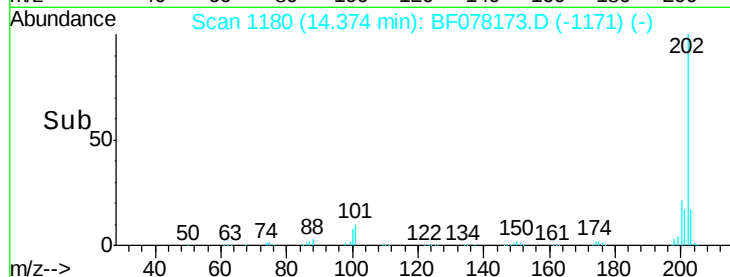
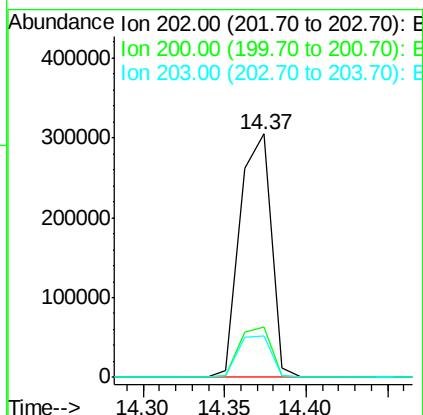
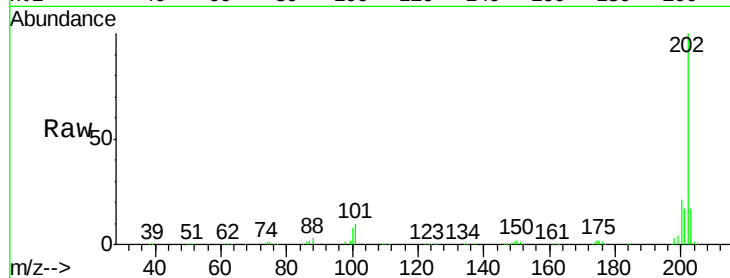




#77
 Pyrene
 Concen: 44.17 ng
 RT: 14.37 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF078173.D
 Acq: 2 Apr 2015 1:18

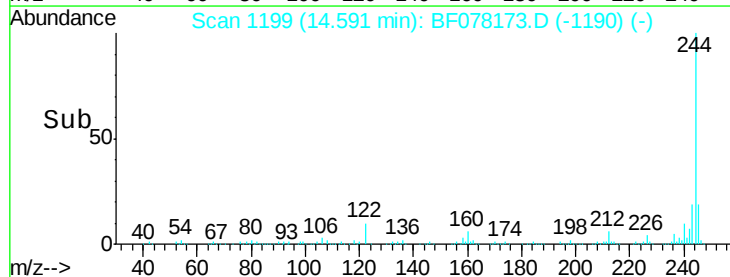
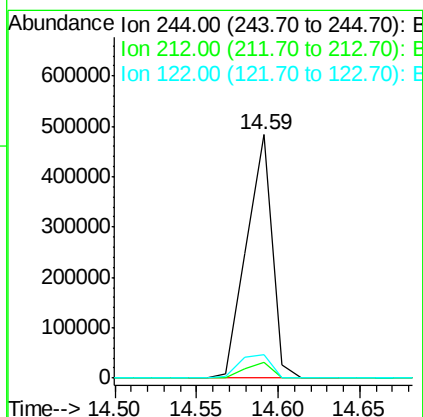
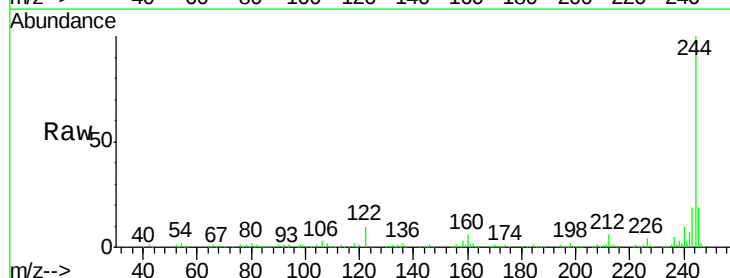
Instrument :
 BNA_F
 ClientSampleId :
 PB82482BSD

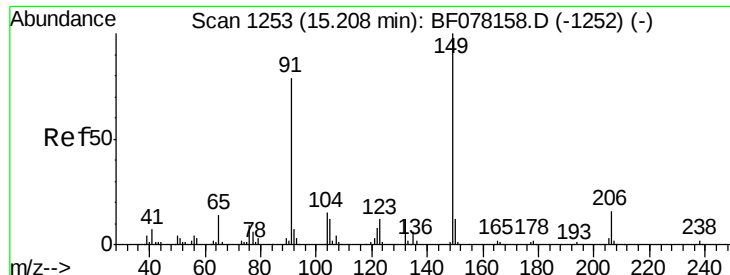
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.3	24.5
203	16.8	13.8	20.6



#78
 Terphenyl-d14
 Concen: 81.31 ng
 RT: 14.59 min Scan# 1199
 Delta R.T. -0.00 min
 Lab File: BF078173.D
 Acq: 2 Apr 2015 1:18

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.0	7.4
122	9.6	7.1	10.7

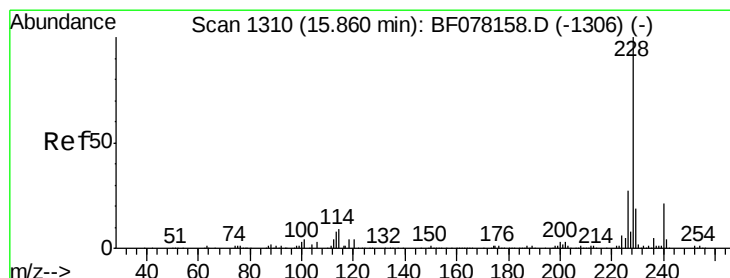
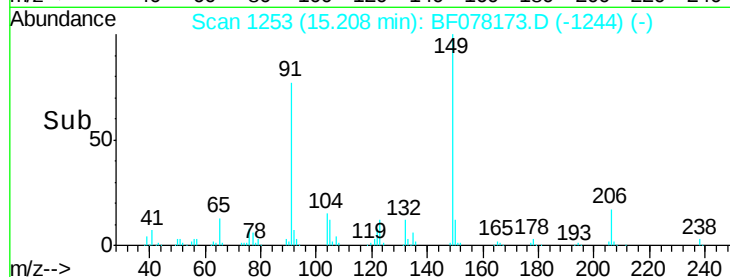
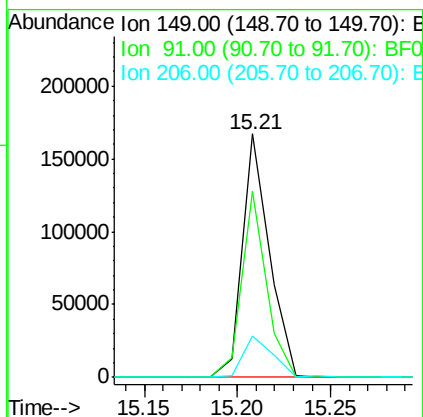
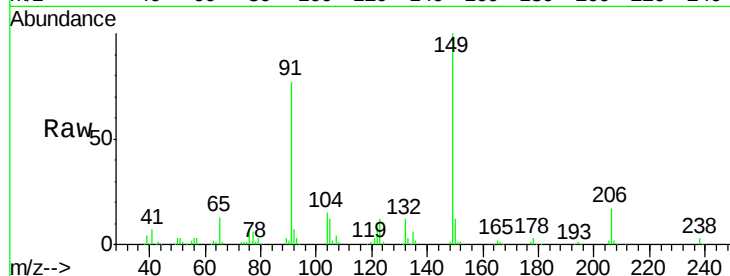




#79
Butylbenzylphthalate
Concen: 48.00 ng
RT: 15.21 min Scan# 1253
Delta R.T. -0.00 min
Lab File: BF078173.D
Acq: 2 Apr 2015 1:18

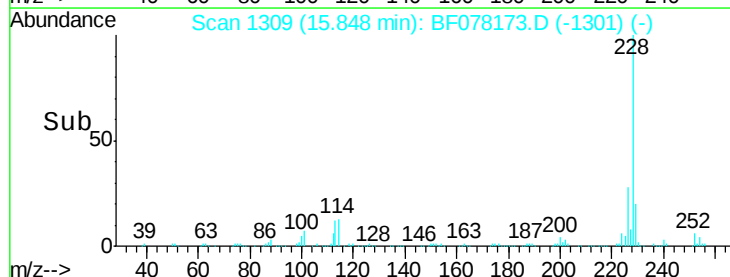
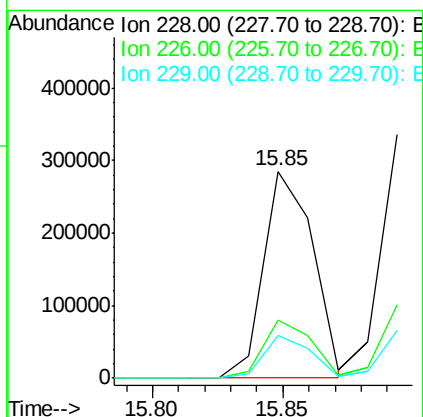
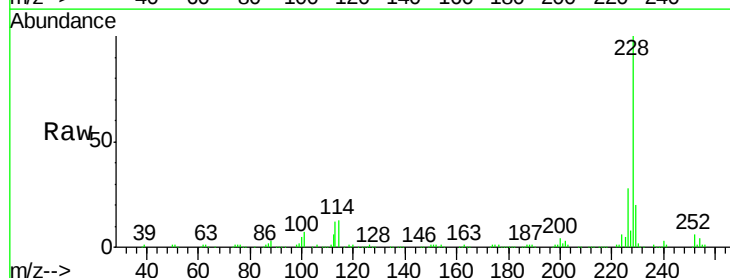
Instrument :
BNA_F
ClientSampleId :
PB82482BSD

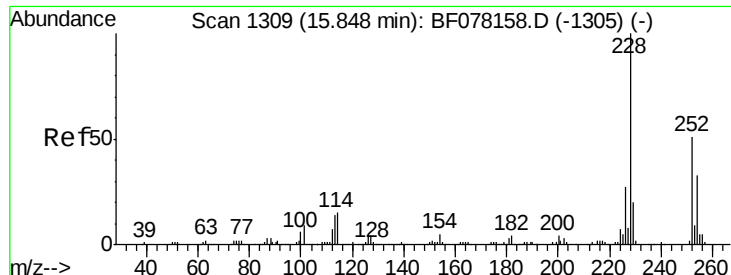
Tgt Ion:149 Resp: 167929
Ion Ratio Lower Upper
149 100
91 76.5 64.2 96.2
206 17.0 12.6 18.8



#80
Benzo(a)anthracene
Concen: 43.28 ng
RT: 15.85 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF078173.D
Acq: 2 Apr 2015 1:18

Tgt Ion:228 Resp: 376536
Ion Ratio Lower Upper
228 100
226 27.9 21.3 31.9
229 20.4 15.4 23.2

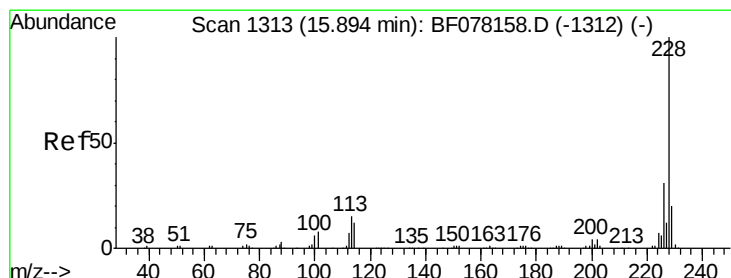
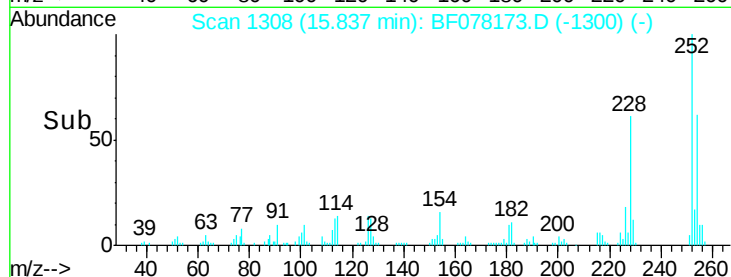
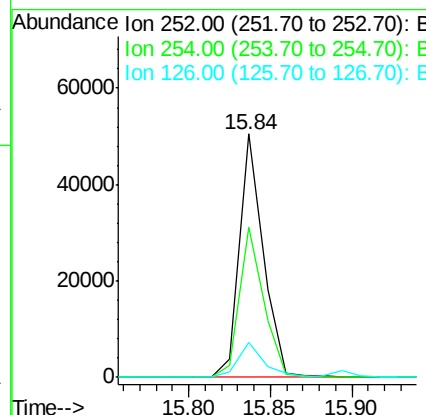
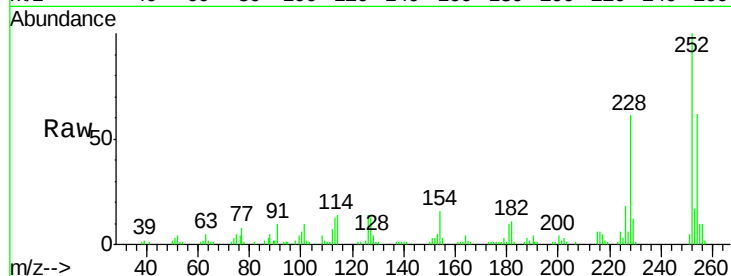




#81
 3,3'-Dichlorobenzidine
 Concen: 17.47 ng
 RT: 15.84 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF078173.D
 Acq: 2 Apr 2015 1:18

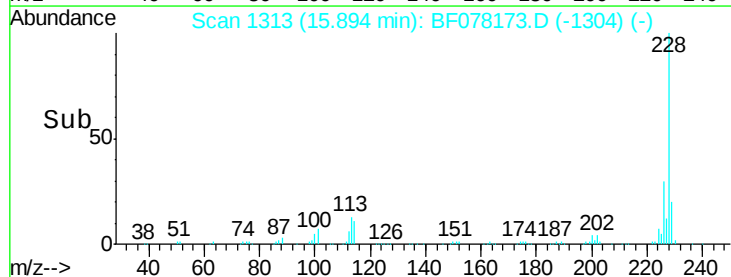
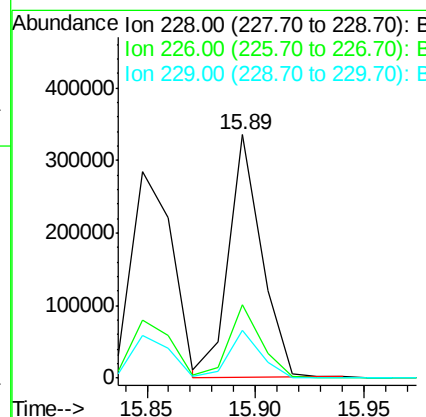
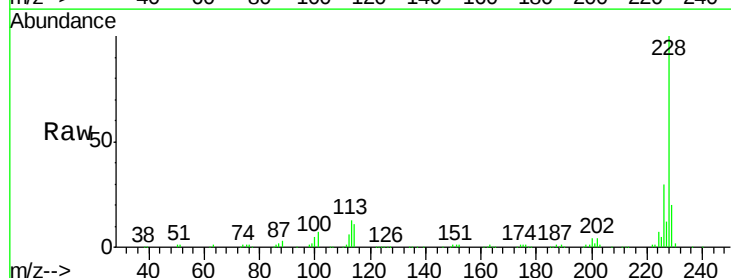
Instrument :
 BNA_F
 ClientSampleId :
 PB82482BSD

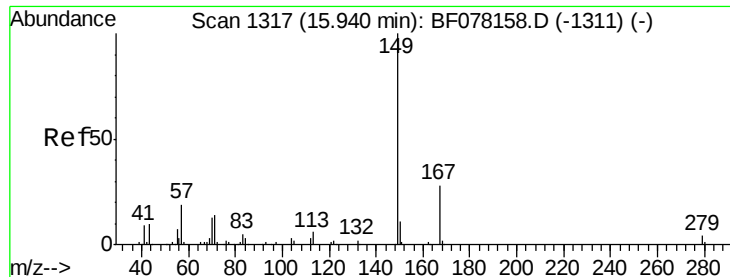
Tgt Ion:252 Resp: 50890
 Ion Ratio Lower Upper
 252 100
 254 61.7 51.2 76.8
 126 14.2 6.3 9.5#



#82
 Chrysene
 Concen: 42.87 ng
 RT: 15.89 min Scan# 1313
 Delta R.T. -0.00 min
 Lab File: BF078173.D
 Acq: 2 Apr 2015 1:18

Tgt Ion:228 Resp: 350442
 Ion Ratio Lower Upper
 228 100
 226 29.9 24.2 36.4
 229 19.8 15.8 23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.61 ng

RT: 15.93 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF078173.D

Acq: 2 Apr 2015 1:18

Instrument :

BNA_F

ClientSampleId :

PB82482BSD

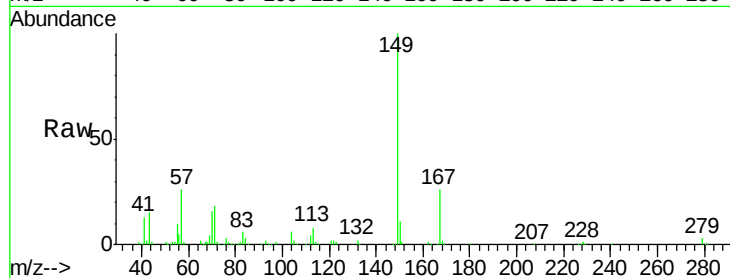
Tgt Ion:149 Resp: 255768

Ion Ratio Lower Upper

149 100

167 25.9 22.2 33.2

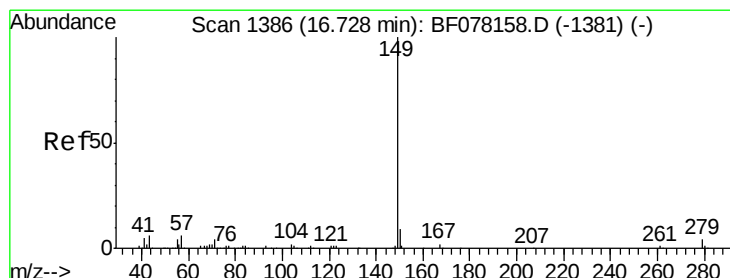
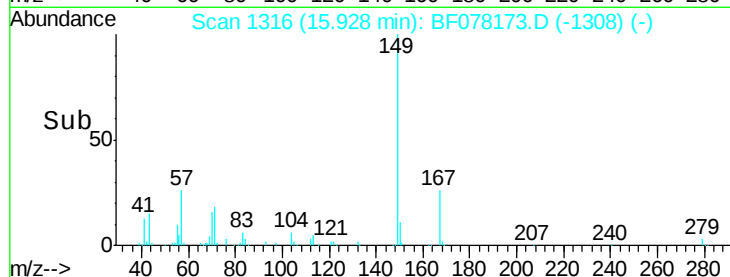
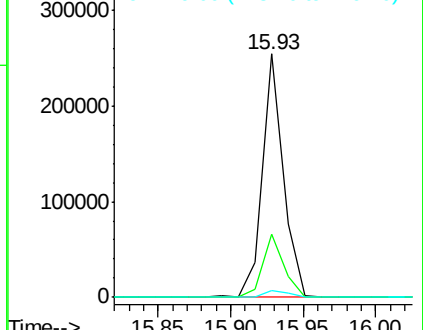
279 2.7 3.2 4.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 48.02 ng

RT: 16.71 min Scan# 1384

Delta R.T. -0.02 min

Lab File: BF078173.D

Acq: 2 Apr 2015 1:18

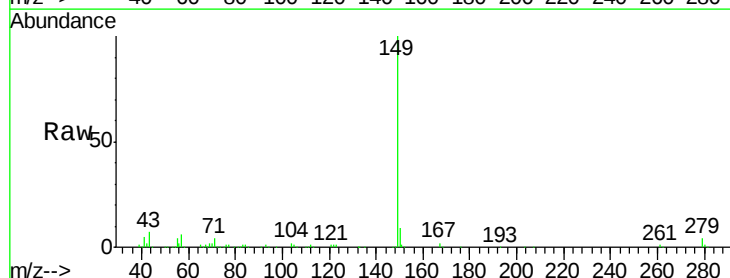
Tgt Ion:149 Resp: 432614

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

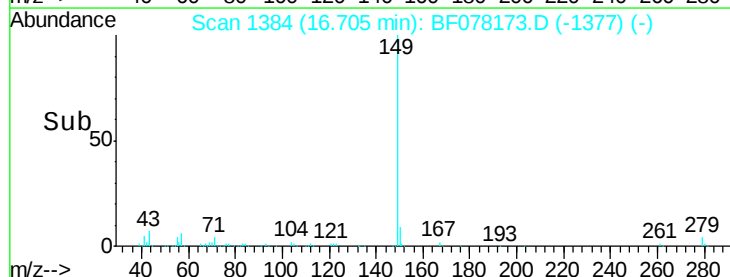
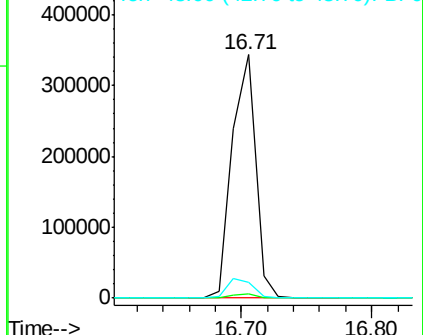
43 9.0 0.0 0.0#

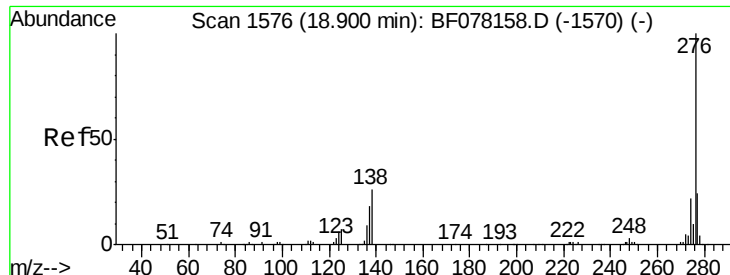


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

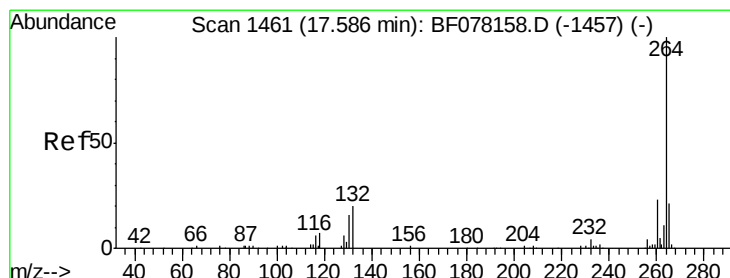
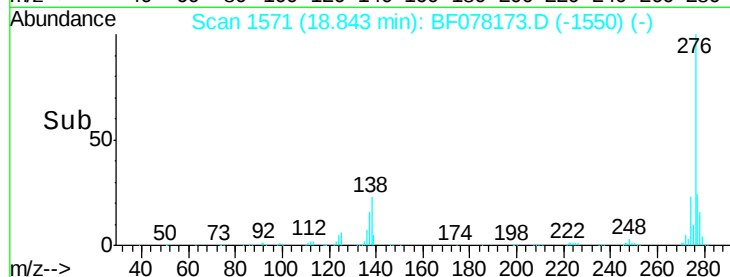
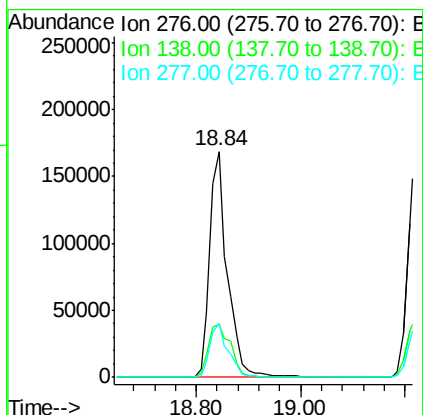
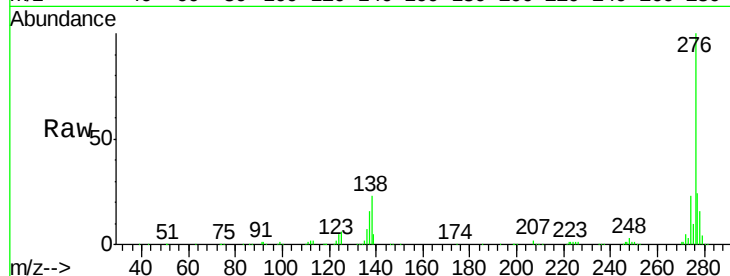




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.94 ng
 RT: 18.84 min Scan# 1571
 Delta R.T. -0.06 min
 Lab File: BF078173.D
 Acq: 2 Apr 2015 1:18

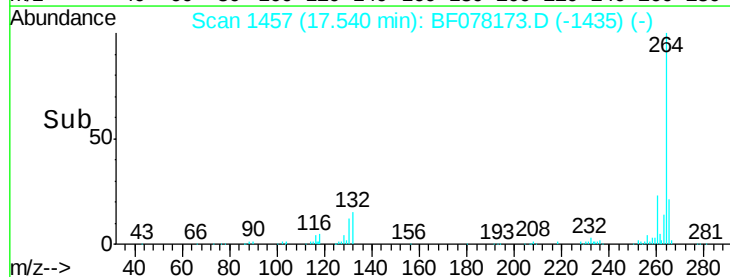
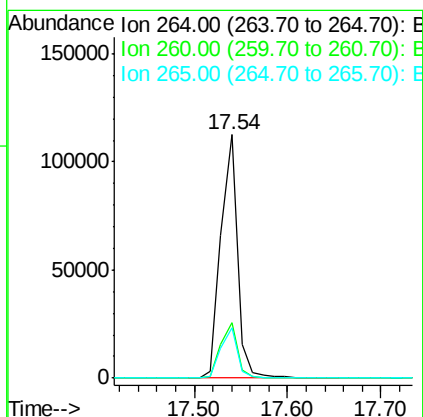
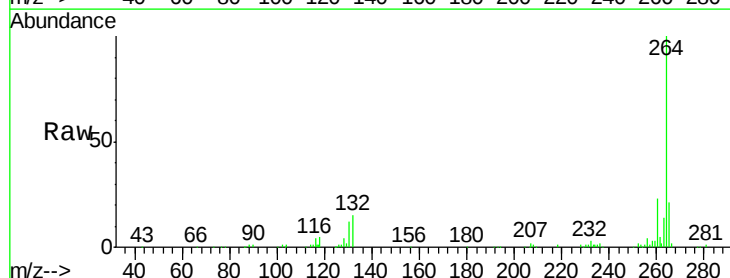
Instrument :
 BNA_F
 ClientSampleId :
 PB82482BSD

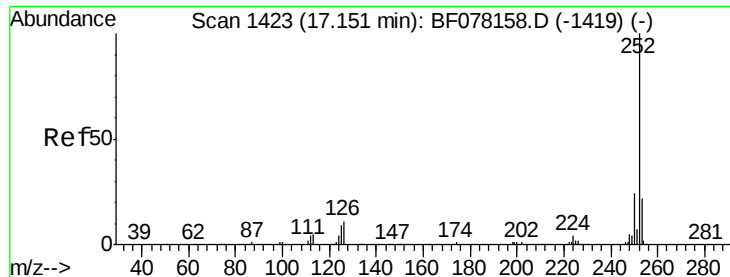
Tgt Ion: 276 Resp: 398233
 Ion Ratio Lower Upper
 276 100
 138 29.6 16.9 25.3#
 277 24.5 15.8 23.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.54 min Scan# 1457
 Delta R.T. -0.05 min
 Lab File: BF078173.D
 Acq: 2 Apr 2015 1:18

Tgt Ion: 264 Resp: 140428
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.6 27.8
 265 20.8 17.0 25.6

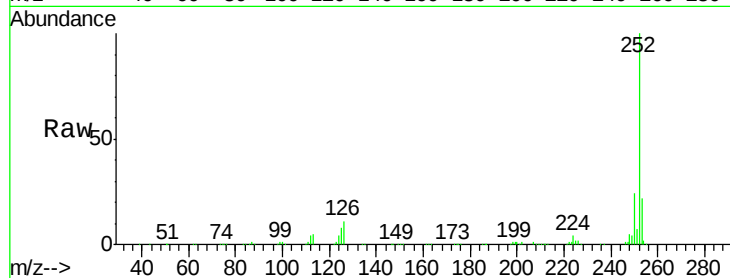




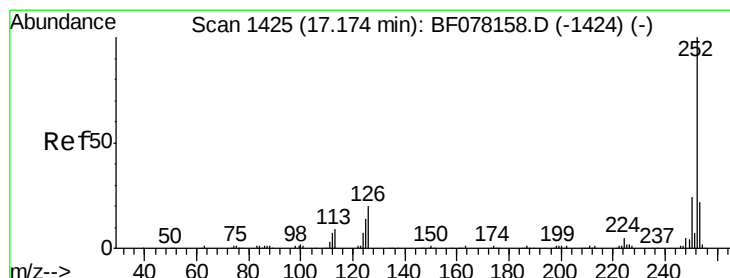
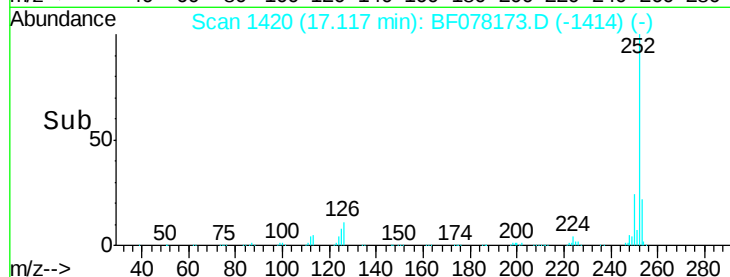
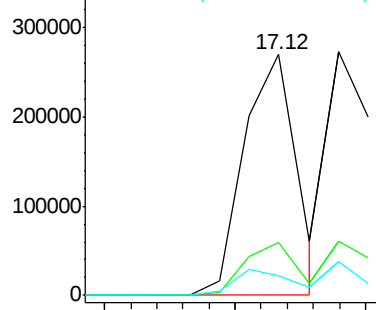
#87
Benzo(b)fluoranthene
Concen: 43.25 ng
RT: 17.12 min Scan# 1420
Delta R.T. -0.03 min
Lab File: BF078173.D
Acq: 2 Apr 2015 1:18

Instrument :
BNA_F
ClientSampleId :
PB82482BSD

Tgt Ion: 252 Resp: 375358
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 8.2 7.0 10.4

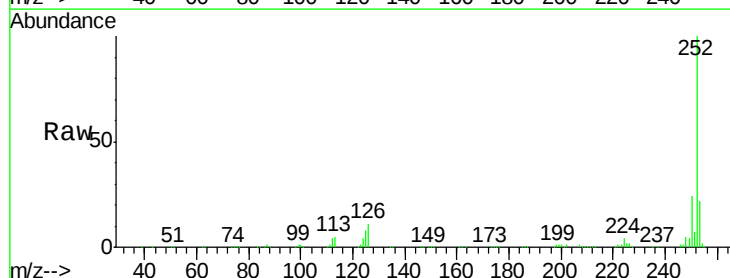


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

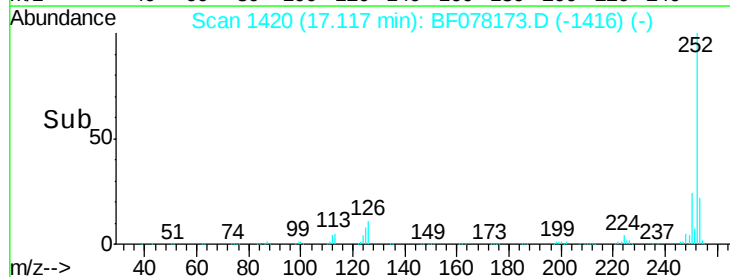
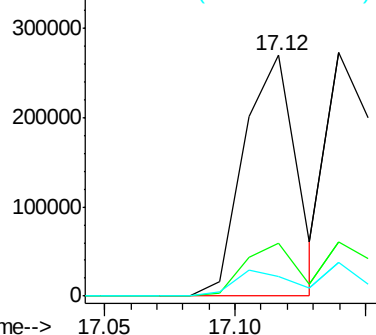


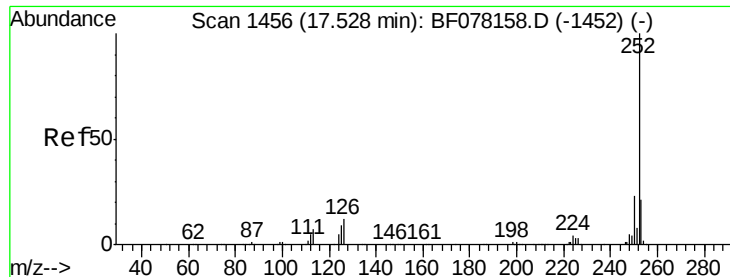
#88
Benzo(k)fluoranthene
Concen: 48.67 ng
RT: 17.12 min Scan# 1420
Delta R.T. -0.06 min
Lab File: BF078173.D
Acq: 2 Apr 2015 1:18

Tgt Ion: 252 Resp: 375358
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 8.2 11.6 17.4#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 46.47 ng

RT: 17.47 min Scan# 1451

Delta R.T. -0.06 min

Lab File: BF078173.D

Acq: 2 Apr 2015 1:18

Instrument :

BNA_F

ClientSampleId :

PB82482BSD

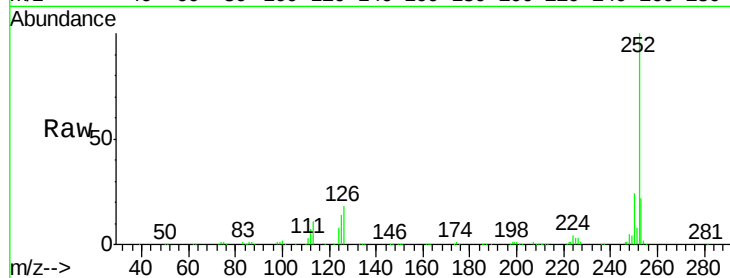
Tgt Ion:252 Resp: 351984

Ion Ratio Lower Upper

252 100

253 21.8 16.8 25.2

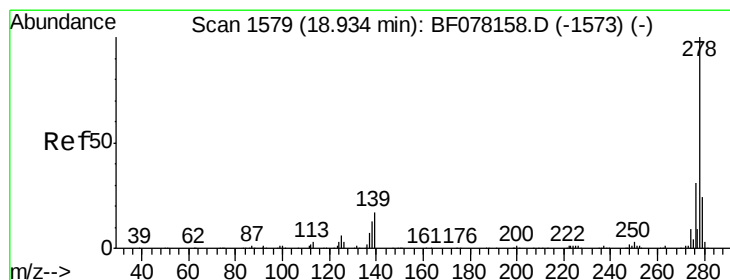
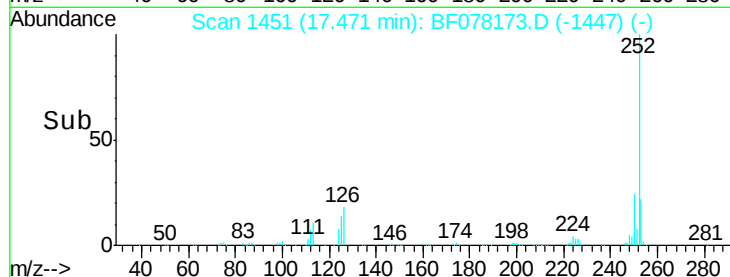
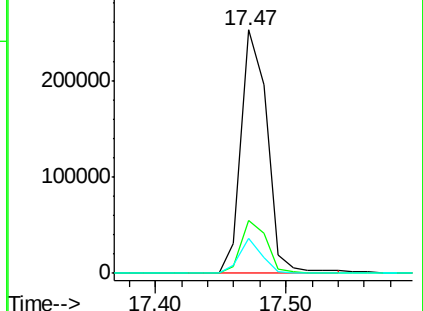
125 14.5 7.4 11.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 42.97 ng

RT: 18.87 min Scan# 1573

Delta R.T. -0.07 min

Lab File: BF078173.D

Acq: 2 Apr 2015 1:18

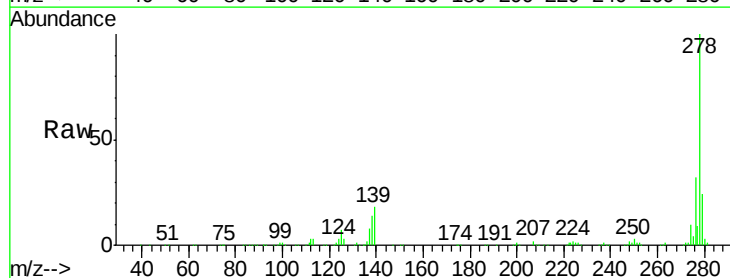
Tgt Ion:278 Resp: 325882

Ion Ratio Lower Upper

278 100

139 17.7 13.6 20.4

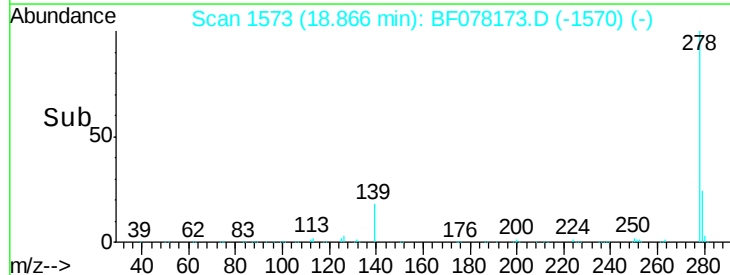
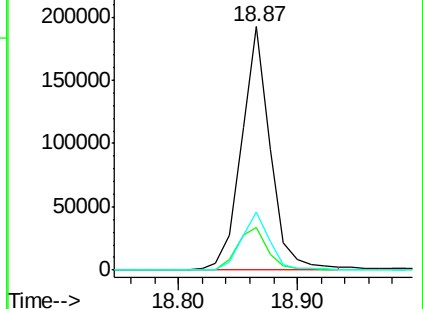
279 23.8 19.0 28.6

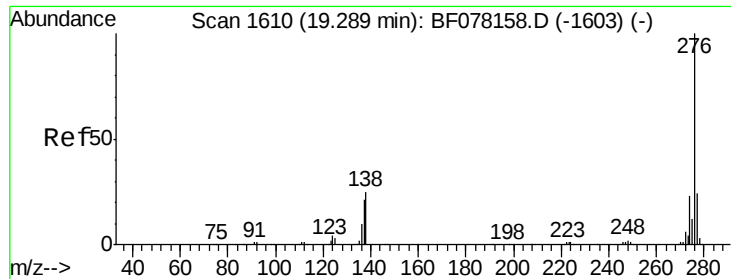


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 43.81 ng

RT: 19.22 min Scan# 1604

Delta R.T. -0.07 min

Lab File: BF078173.D

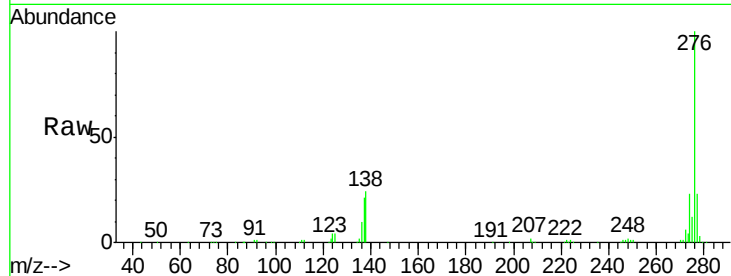
Acq: 2 Apr 2015 1:18

Instrument :

BNA_F

ClientSampleId :

PB82482BSD



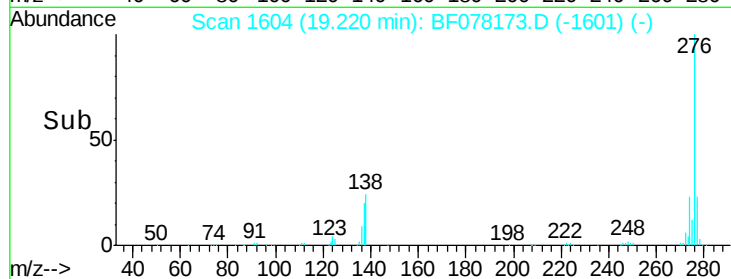
Tgt Ion: 276 Resp: 333061

Ion Ratio Lower Upper

276 100

277 23.4 19.0 28.4

138 24.2 19.9 29.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

