

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040115\
 Data File : BF078194.D
 Acq On : 2 Apr 2015 12:15
 Operator : TP/IZ
 Sample : PB82450BS
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82450BS

Quant Time: Apr 02 12:58:25 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	39968	20.00	ng	0.00
21) Naphthalene-d8	8.59	136	161023	20.00	ng	0.00
38) Acenaphthene-d10	10.76	164	78616	20.00	ng	0.00
63) Phenanthrene-d10	12.59	188	153011	20.00	ng	0.00
75) Chrysene-d12	15.88	240	160932	20.00	ng	0.01
86) Perylene-d12	17.68	264	150222	20.00	ng	0.09

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	295342	121.84	ng	0.00
7) Phenol-d6	6.60	99	372612	122.65	ng	0.00
23) Nitrobenzene-d5	7.72	82	213743	80.46	ng	0.01
41) 2,4,6-Tribromophenol	11.74	330	93243	143.01	ng	0.00
44) 2-Fluorobiphenyl	9.94	172	466322	84.79	ng	0.00
78) Terphenyl-d14	14.59	244	547741	76.91	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	1.88	88	34529	31.50	ng	95
3) Pyridine	2.51	79	110352	38.43	ng	96
4) n-Nitrosodimethylamine	2.45	42	38240	34.60	ng	98
6) Aniline	6.61	93	74130	17.21	ng	# 56
8) 2-Chlorophenol	6.75	128	119974	41.86	ng	99
10) Phenol	6.62	94	147895	40.63	ng	99
11) bis(2-Chloroethyl)ether	6.72	93	110384	42.17	ng	98
12) 1,3-Dichlorobenzene	6.93	146	121862	38.70	ng	99
13) 1,4-Dichlorobenzene	7.04	146	128222	40.46	ng	98
14) 1,2-Dichlorobenzene	7.22	146	118383	39.84	ng	99
15) Benzyl Alcohol	7.22	79	91937	43.07	ng	# 86
16) 2,2'-oxybis(1-Chloropropan	7.39	45	147614	42.27	ng	100
17) 2-Methylphenol	7.37	107	95365	42.85	ng	99
18) Hexachloroethane	7.64	117	42044	39.34	ng	95
19) n-Nitroso-di-n-propylamine	7.55	70	80557	40.19	ng	99
20) 3+4-Methylphenols	7.56	107	126844	42.73	ng	99
22) Acetophenone	7.54	105	161682	43.09	ng	98
24) Nitrobenzene	7.74	77	113479	40.86	ng	99
25) Isophorone	8.04	82	213773	42.40	ng	98
26) 2-Nitrophenol	8.13	139	58862	44.48	ng	97
27) 2,4-Dimethylphenol	8.21	122	111237	45.20	ng	98
28) bis(2-Chloroethoxy)methane	8.33	93	143069	44.25	ng	98
29) 2,4-Dichlorophenol	8.44	162	97833	43.70	ng	98
30) 1,2,4-Trichlorobenzene	8.53	180	102494	39.93	ng	98
31) Naphthalene	8.62	128	341364	40.73	ng	100
32) Benzoic acid	8.34	122	46381	41.03	ng	95
33) 4-Chloroaniline	8.70	127	59172	17.01	ng	99
34) Hexachlorobutadiene	8.77	225	56765	40.27	ng	95
35) Caprolactam	9.14	113	29457	44.08	ng	# 83
36) 4-Chloro-3-methylphenol	9.32	107	101108	44.76	ng	97
37) 2-Methylnaphthalene	9.48	142	241623	42.46	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.69	216	103866	42.64	ng	99
40) Hexachlorocyclopentadiene	9.68	237	93920	90.07	ng	98
42) 2,4,6-Trichlorophenol	9.84	196	67988	44.26	ng	99

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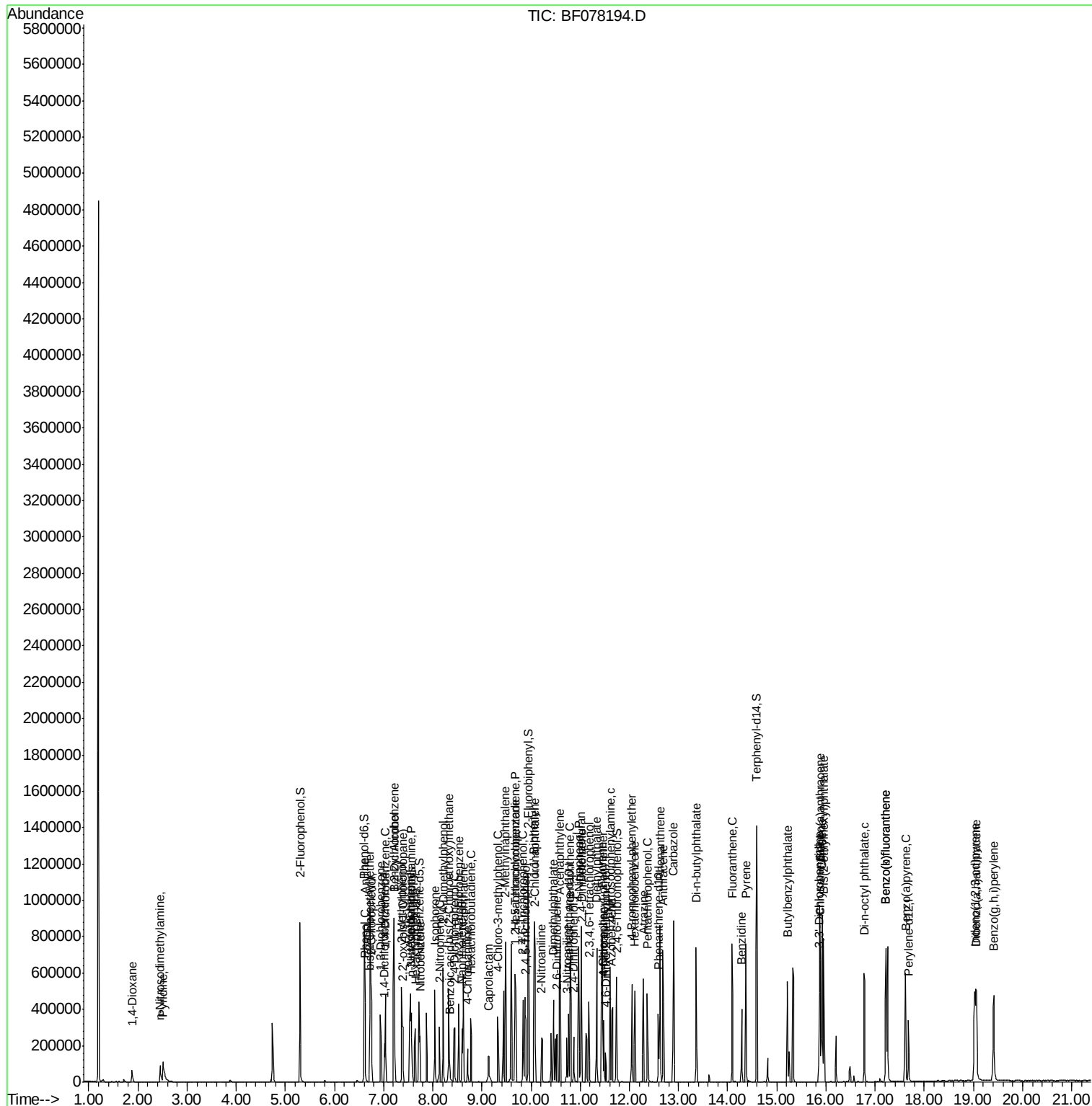
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.89	196	73626	45.87	nq	# 85
45) 1,1'-Biphenyl	10.06	154	286160	44.50	nq	100
46) 2-Chloronaphthalene	10.08	162	216970	42.88	nq	98
47) 2-Nitroaniline	10.21	65	58682	46.88	nq	97
48) Acenaphthylene	10.59	152	355199	43.48	nq	100
49) Dimethylphthalate	10.45	163	256683	43.46	nq	100
50) 2,6-Dinitrotoluene	10.53	165	57373	47.21	nq	94
51) Acenaphthene	10.80	154	200388	43.56	nq	99
52) 3-Nitroaniline	10.73	138	37657	27.25	nq	99
53) 2,4-Dinitrophenol	10.86	184	36040	77.48	nq	97
54) Dibenzofuran	11.01	168	321403	45.75	nq	100
55) 4-Nitrophenol	10.97	139	89655	87.84	nq	90
56) 2,4-Dinitrotoluene	11.02	165	79727	50.66	nq	99
57) Fluorene	11.44	166	252197	44.28	nq	100
58) 2,3,4,6-Tetrachlorophenol	11.17	232	57718	48.51	nq	100
59) Diethylphthalate	11.33	149	260545	45.75	nq	99
60) 4-Chlorophenyl-phenylether	11.46	204	121672	46.44	nq	97
61) 4-Nitroaniline	11.48	138	57744	41.34	nq	96
62) Azobenzene	11.64	77	238821	45.95	nq	99
64) 4,6-Dinitro-2-methylphenol	11.52	198	27910	38.75	nq	96
65) n-Nitrosodiphenylamine	11.61	169	224888	42.49	nq	99
66) 4-Bromophenyl-phenylether	12.05	248	70853	43.72	nq	99
67) Hexachlorobenzene	12.11	284	76819	43.26	nq	99
68) Atrazine	12.28	200	68823	44.89	nq	98
69) Pentachlorophenol	12.36	266	66066	83.52	nq	98
70) Phenanthrene	12.63	178	382460	43.21	nq	100
71) Anthracene	12.68	178	377475	43.28	nq	100
72) Carbazole	12.90	167	365939	44.77	nq	98
73) Di-n-butylphthalate	13.36	149	414827	44.80	nq	99
74) Fluoranthene	14.09	202	409901	43.91	nq	99
76) Benzidine	14.28	184	159639	25.09	nq	99
77) Pyrene	14.37	202	428360	42.40	nq	99
79) Butylbenzylphthalate	15.22	149	188378	48.92	nq	# 77
80) Benzo(a)anthracene	15.87	228	397879	41.55	nq	99
81) 3,3'-Dichlorobenzidine	15.86	252	59539	18.57	nq	# 98
82) Chrysene	15.92	228	374647	41.64	nq	100
83) Bis(2-ethylhexyl)phthalate	15.95	149	273367	45.27	nq	# 96
84) Di-n-octyl phthalate	16.79	149	469468	47.34	nq	# 100
85) Indeno(1,2,3-cd)pyrene	19.03	276	433436	42.46	nq	# 85
87) Benzo(b)fluoranthene	17.22	252	383970	41.36	nq	98
88) Benzo(k)fluoranthene	17.22	252	383942	46.54	nq	# 96
89) Benzo(a)pyrene	17.62	252	380018	46.90	nq	99
90) Dibenzo(a,h)anthracene	19.06	278	341770	42.13	nq	98
91) Benzo(q,h,i)perylene	19.41	276	355240	43.68	nq	96

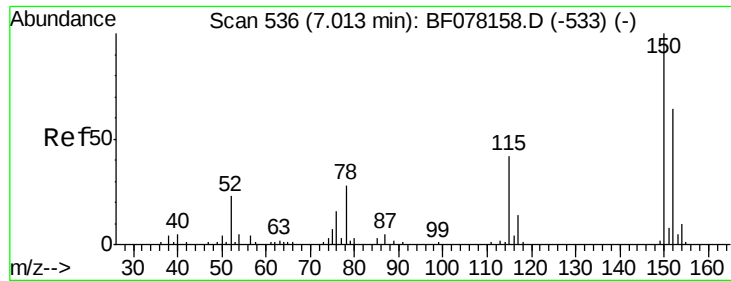
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF078194.D

Acq: 2 Apr 2015 12:15

Instrument :

BNA_F

ClientSampleId :

PB82450BS

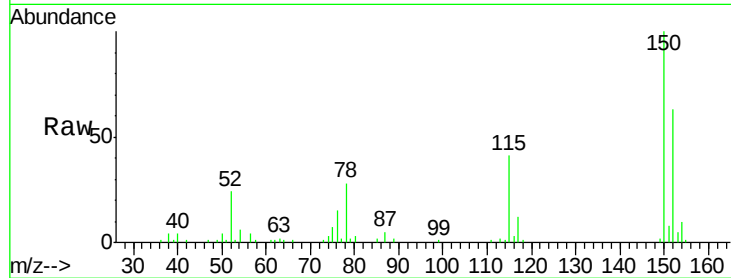
Tot Ion:152 Resp: 39968

Ion Ratio Lower Upper

152 100

150 158.6 125.9 188.9

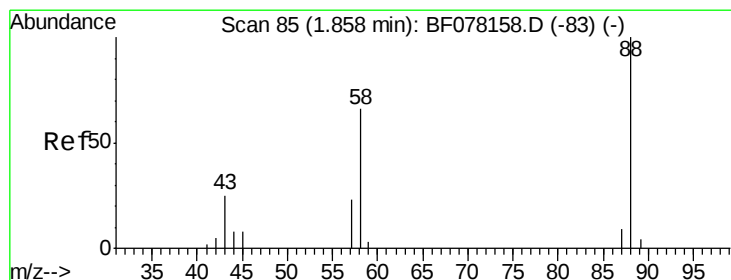
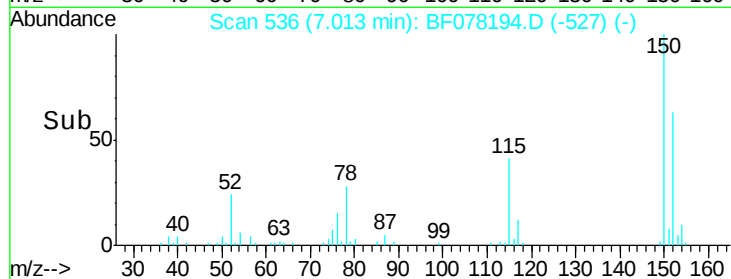
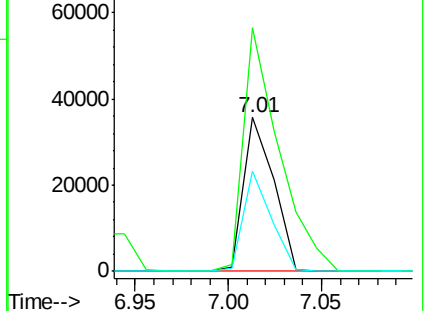
115 65.1 52.7 79.1



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: 31.50 ng

RT: 1.88 min Scan# 87

Delta R.T. 0.02 min

Lab File: BF078194.D

Acq: 2 Apr 2015 12:15

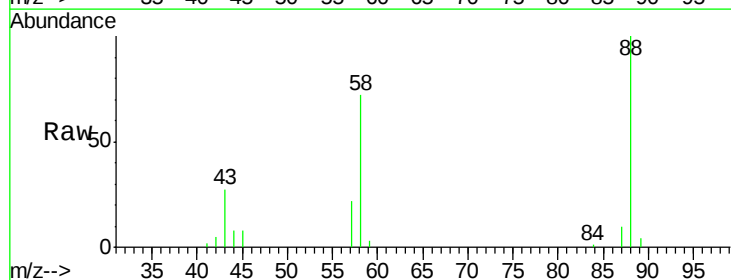
Tgt Ion: 88 Resp: 34529

Ion Ratio Lower Upper

88 100

58 76.4 56.9 85.3

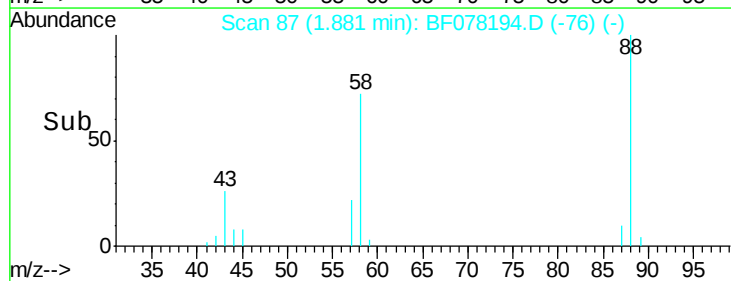
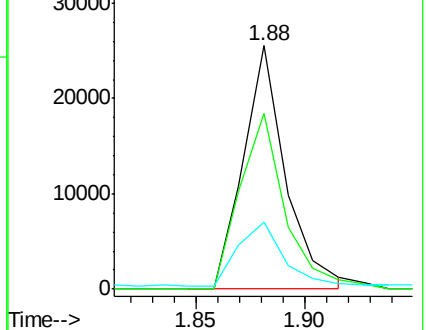
43 27.9 21.4 32.2

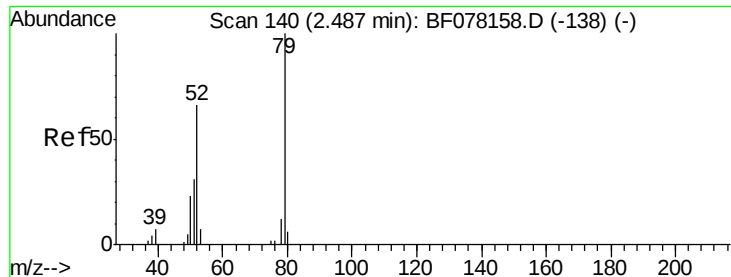


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 38.43 ng

RT: 2.51 min Scan# 142

Delta R.T. 0.02 min

Lab File: BF078194.D

Acq: 2 Apr 2015 12:15

Instrument :

BNA_F

ClientSampleId :

PB82450BS

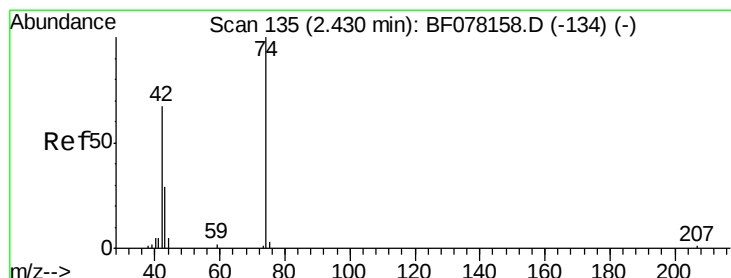
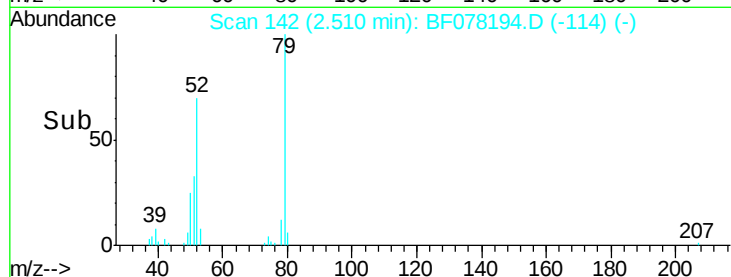
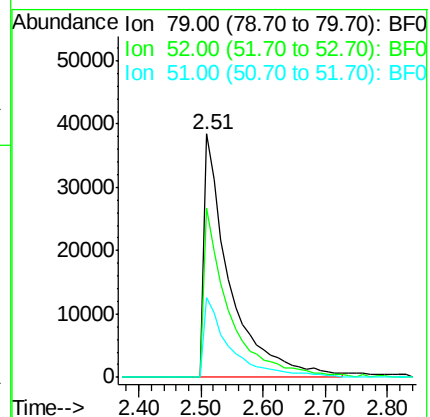
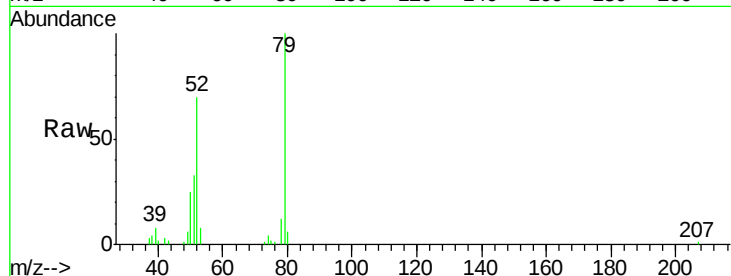
Tot Ion: 79 Resp: 110352

Ion Ratio Lower Upper

79 100

52 69.6 52.4 78.6

51 32.7 24.9 37.3



#4

n-Nitrosodimethylamine

Concen: 34.60 ng

RT: 2.45 min Scan# 137

Delta R.T. 0.02 min

Lab File: BF078194.D

Acq: 2 Apr 2015 12:15

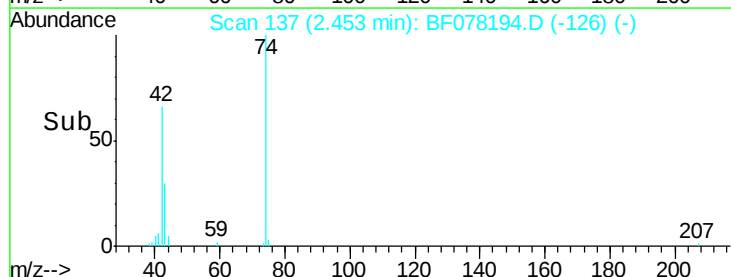
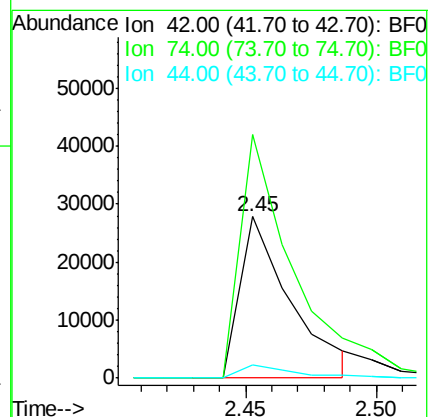
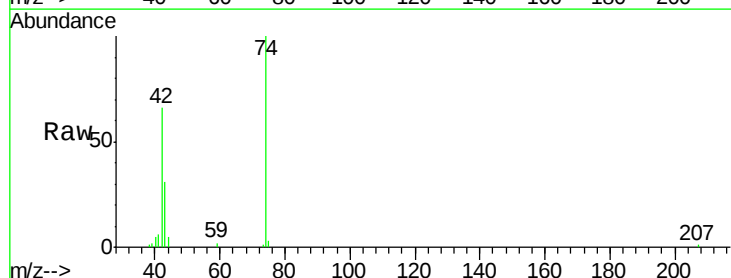
Tgt Ion: 42 Resp: 38240

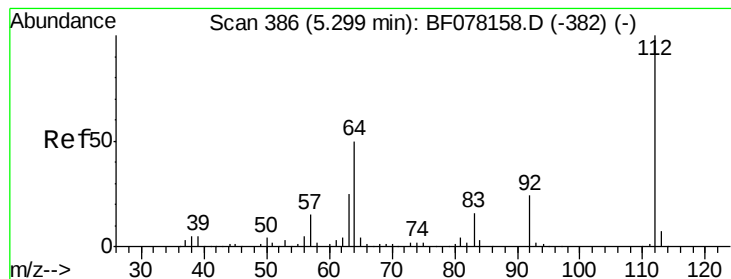
Ion Ratio Lower Upper

42 100

74 150.9 118.7 178.1

44 7.9 5.9 8.9





#5

2-Fluorophenol

Concen: 121.84 ng

RT: 5.30 min Scan# 386

Delta R.T. -0.00 min

Lab File: BF078194.D

Acq: 2 Apr 2015 12:15

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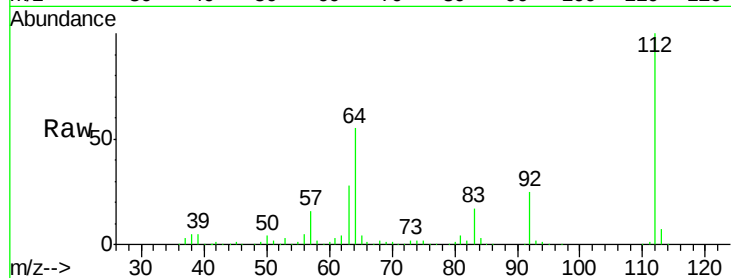
Tot Ion:112 Resp: 295342

Ion Ratio Lower Upper

112 100

64 54.5 39.9 59.9

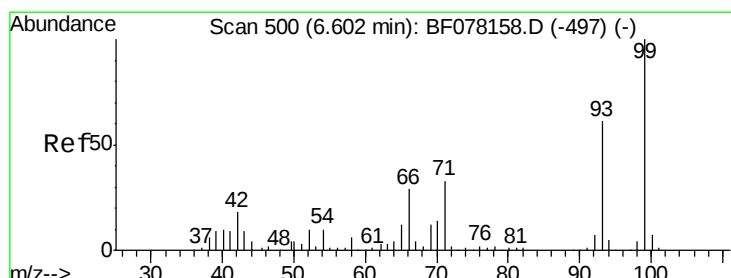
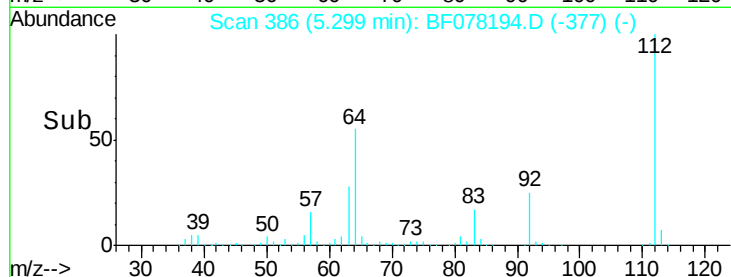
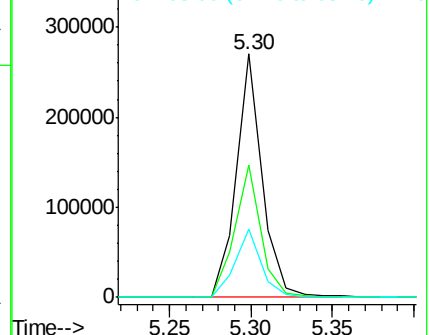
63 28.3 20.2 30.4



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: 17.21 ng

RT: 6.61 min Scan# 501

Delta R.T. 0.01 min

Lab File: BF078194.D

Acq: 2 Apr 2015 12:15

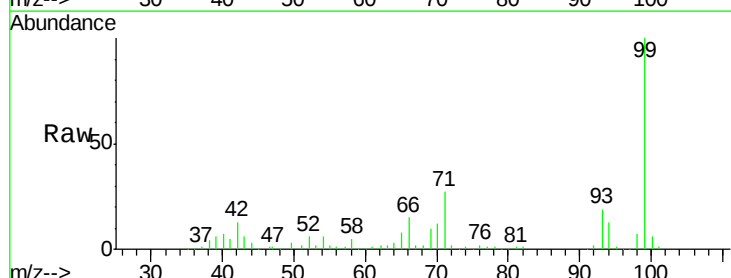
Tgt Ion: 93 Resp: 74130

Ion Ratio Lower Upper

93 100

66 78.1 38.0 57.0#

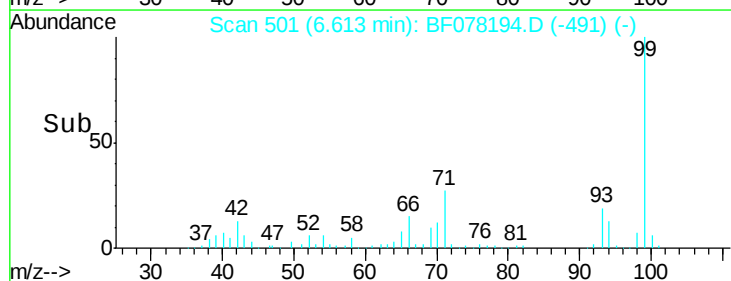
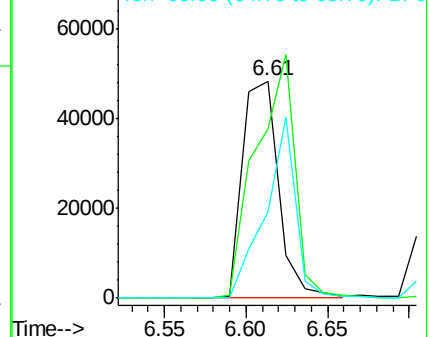
65 39.6 16.3 24.5#

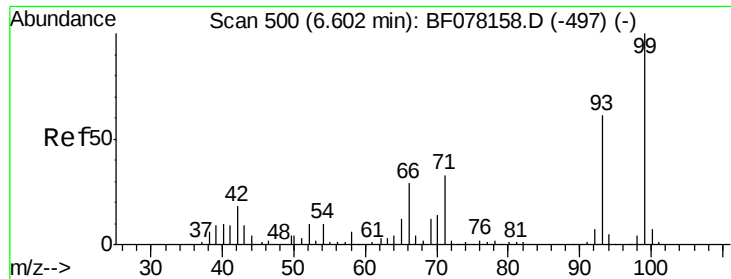


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 122.65 ng

RT: 6.60 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF078194.D

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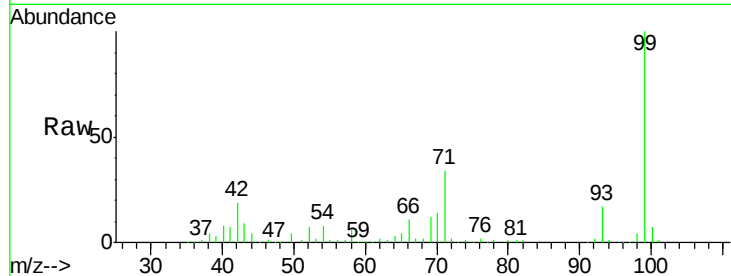
Tot Ion: 99 Resp: 372612

Ion Ratio Lower Upper

99 100

42 19.3 14.8 22.2

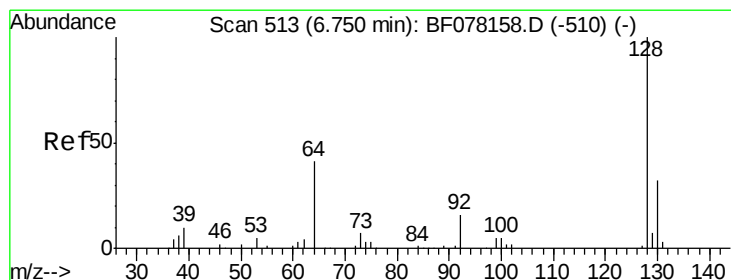
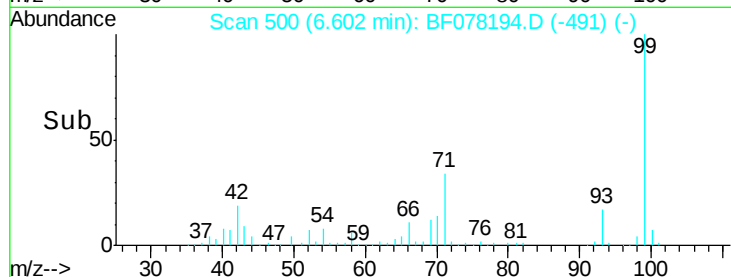
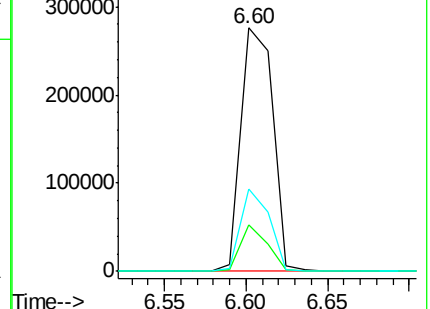
71 33.6 26.6 39.8



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: 41.86 ng

RT: 6.75 min Scan# 513

Delta R.T. -0.00 min

Lab File: BF078194.D

Acq: 2 Apr 2015 12:15

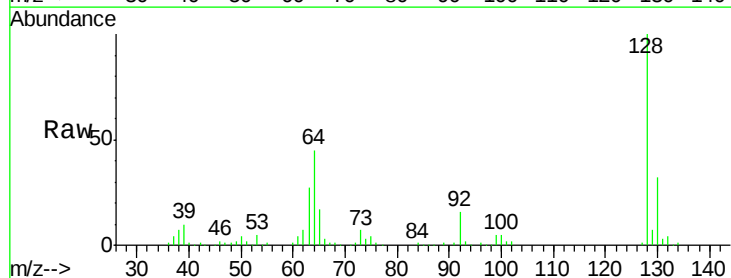
Tgt Ion: 128 Resp: 119974

Ion Ratio Lower Upper

128 100

130 32.4 12.3 52.3

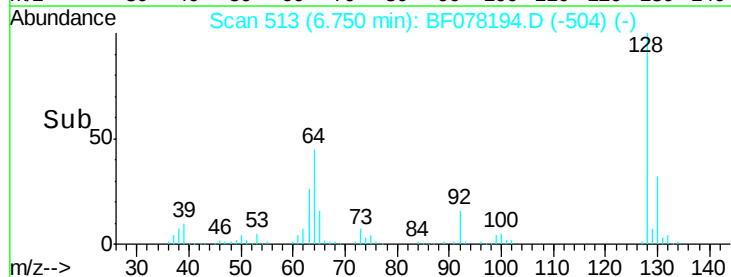
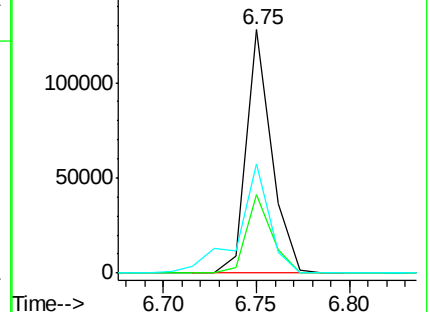
64 44.7 23.8 63.8

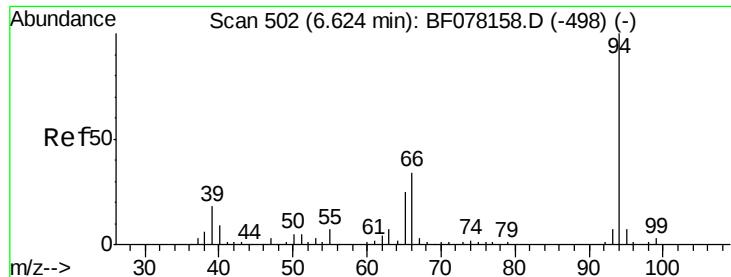


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

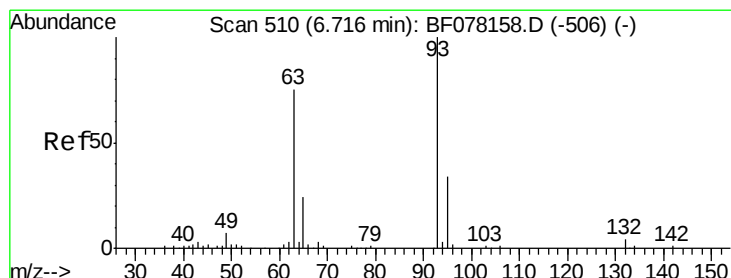
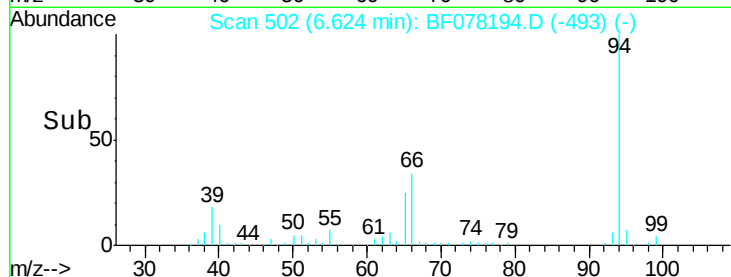
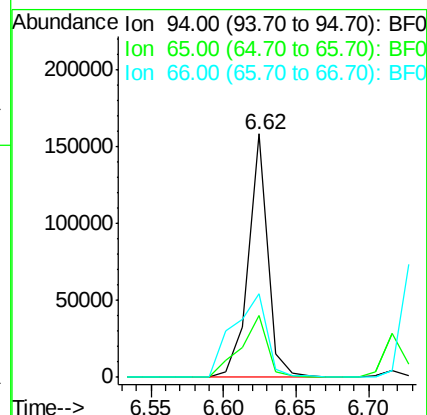
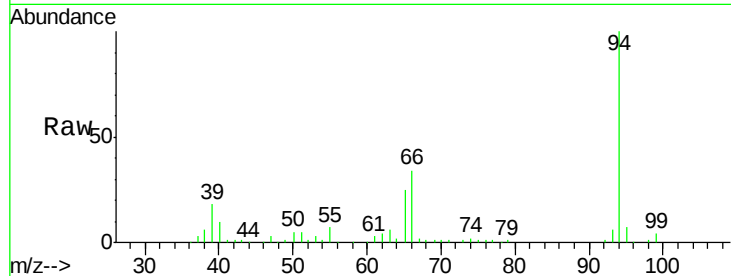




#10
Phenol
Concen: 40.63 ng
RT: 6.62 min Scan# 502
Delta R.T. -0.00 min
Lab File: BF078194.D
Acq: 2 Apr 2015 12:15

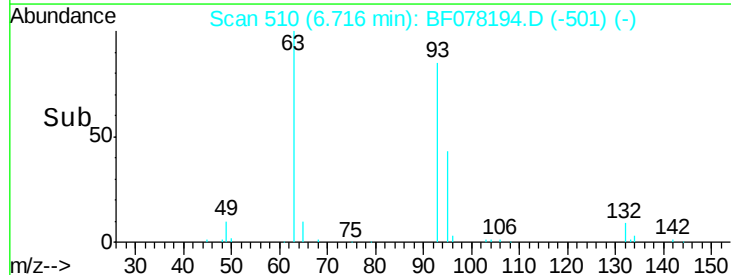
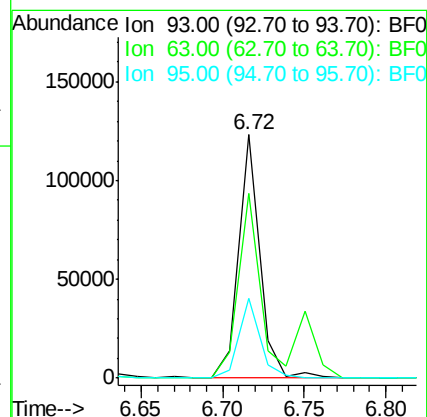
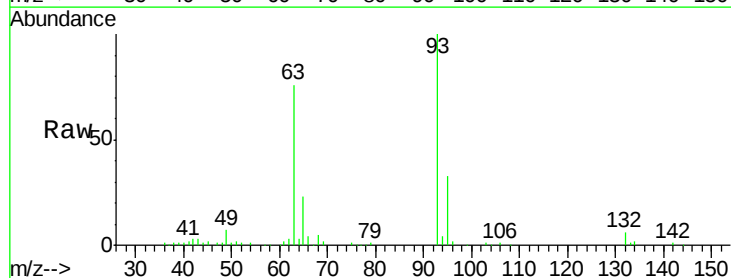
Instrument :
BNA_F
ClientSampleId :
PB82450BS

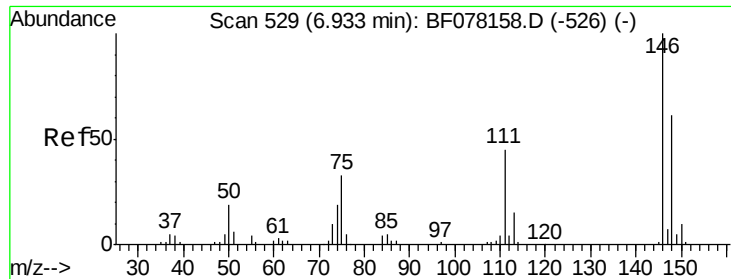
Tot Ion: 94 Resp: 147895
Ion Ratio Lower Upper
94 100
65 25.5 4.9 44.9
66 34.2 13.8 53.8



#11
bis(2-Chloroethyl)ether
Concen: 42.17 ng
RT: 6.72 min Scan# 510
Delta R.T. -0.00 min
Lab File: BF078194.D
Acq: 2 Apr 2015 12:15

Tgt Ion: 93 Resp: 110384
Ion Ratio Lower Upper
93 100
63 75.8 54.6 94.6
95 32.5 13.6 53.6

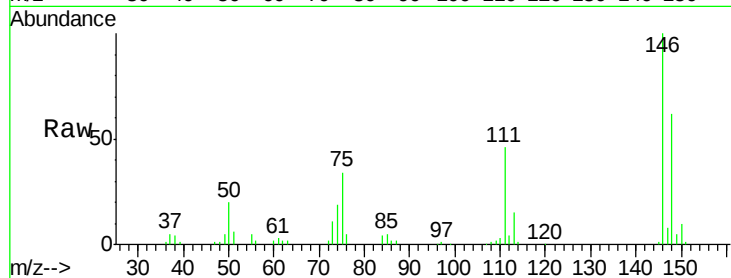




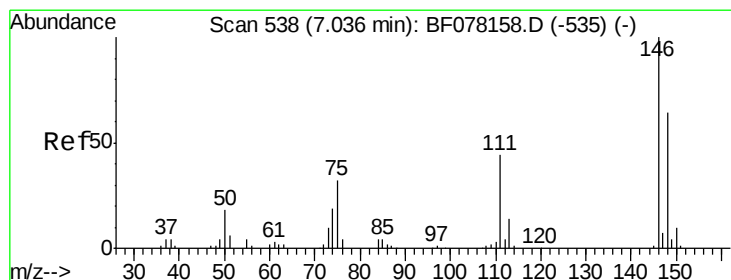
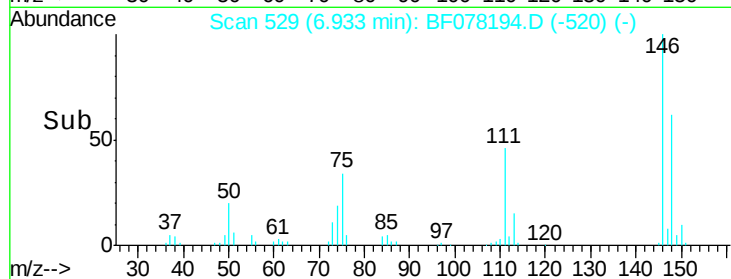
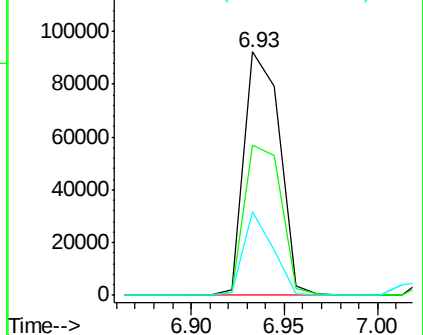
#12
 1,3-Dichlorobenzene
 Concen: 38.70 ng
 RT: 6.93 min Scan# 529
 Delta R.T. -0.00 min
 Lab File: BF078194.D
 Acq: 2 Apr 2015 12:15

Instrument :
 BNA_F
 ClientSampleId :
 PB82450BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.6	49.1	73.7
75	34.1	26.6	40.0

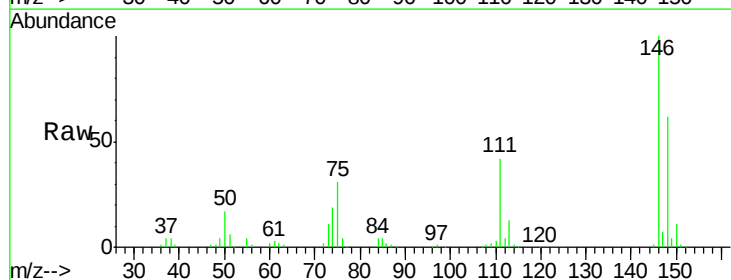


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

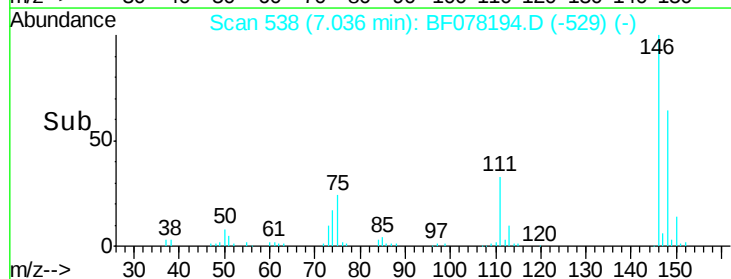
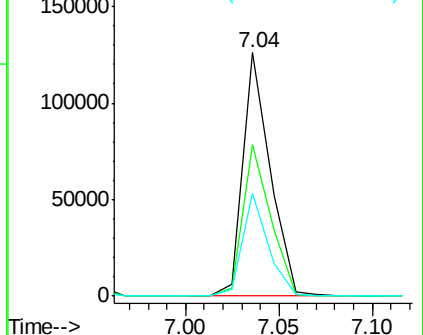


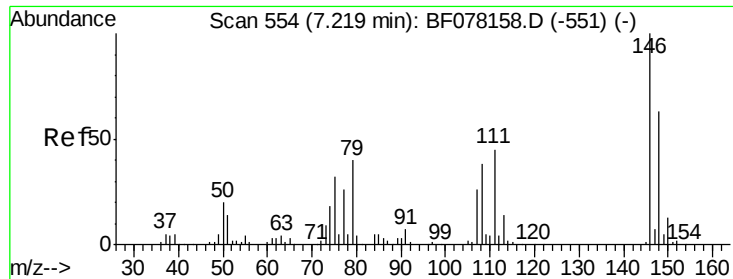
#13
 1,4-Dichlorobenzene
 Concen: 40.46 ng
 RT: 7.04 min Scan# 538
 Delta R.T. -0.00 min
 Lab File: BF078194.D
 Acq: 2 Apr 2015 12:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.3	51.4	77.0
111	42.2	35.0	52.4



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





#14

1,2-Dichlorobenzene

Concen: 39.84 ng

RT: 7.22 min Scan# 554

Delta R.T. -0.00 min

Lab File: BF078194.D

Acq: 2 Apr 2015 12:15

Instrument :

BNA_F

ClientSampleId :

PB82450BS

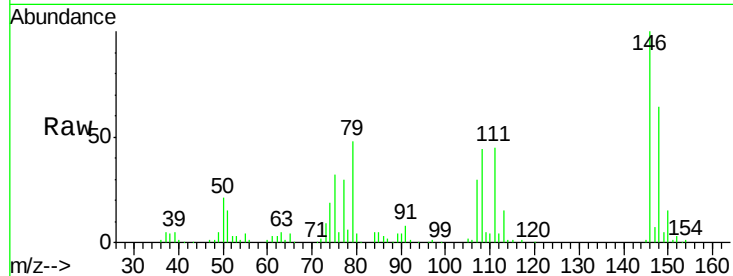
Tot Ion:146 Resp: 118383

Ion Ratio Lower Upper

146 100

148 64.1 50.2 75.4

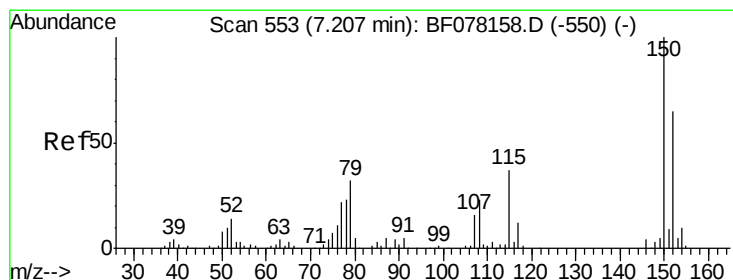
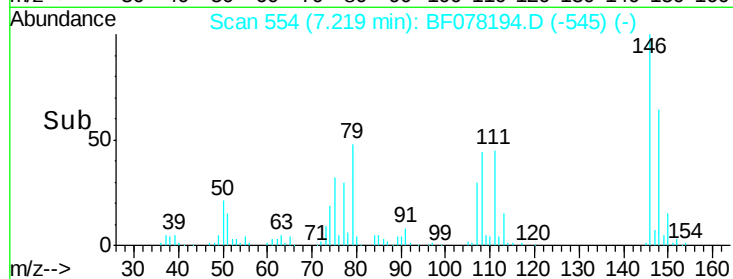
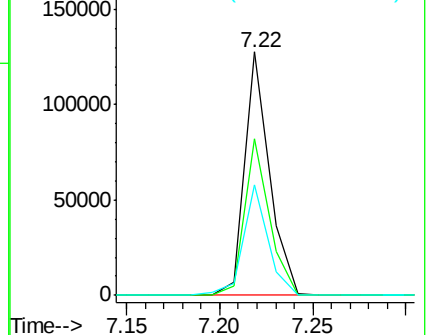
111 45.2 36.1 54.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 43.07 ng

RT: 7.22 min Scan# 554

Delta R.T. 0.01 min

Lab File: BF078194.D

Acq: 2 Apr 2015 12:15

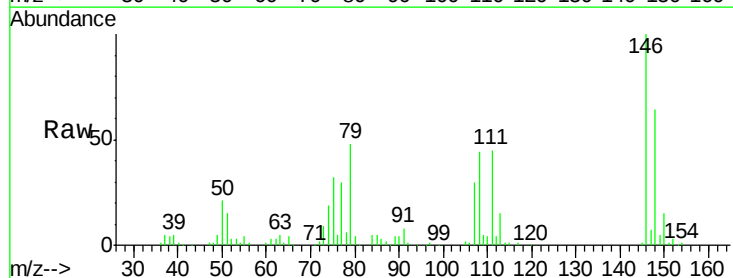
Tgt Ion: 79 Resp: 91937

Ion Ratio Lower Upper

79 100

108 90.5 57.6 86.4#

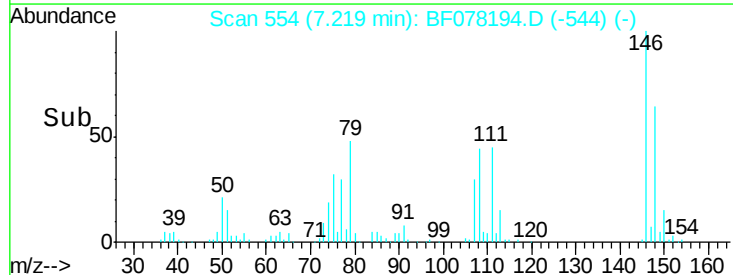
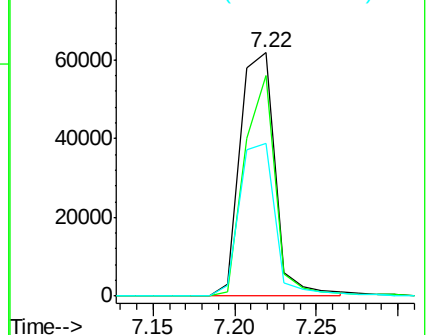
77 62.8 53.5 80.3

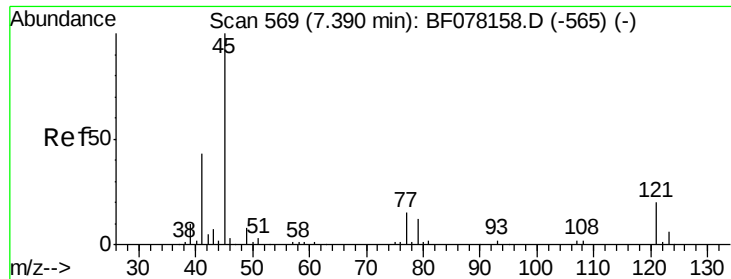


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

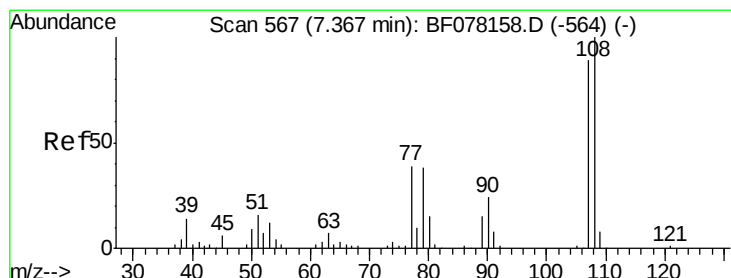
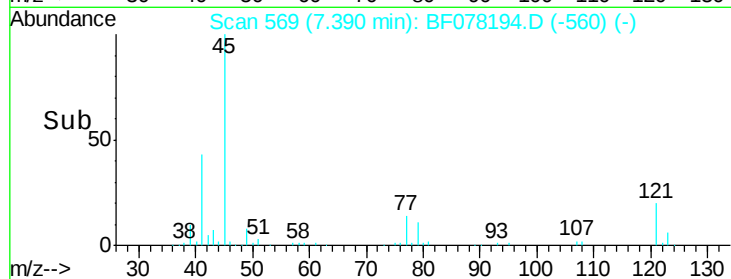
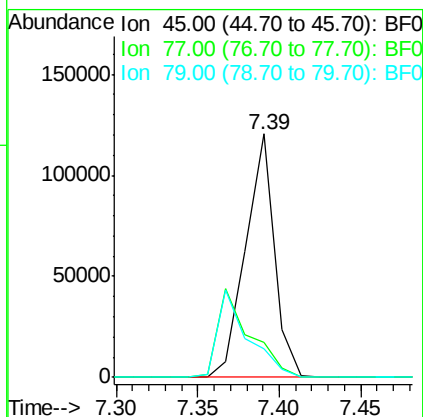
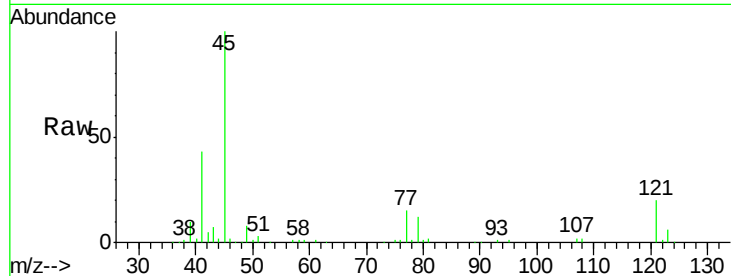




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 42.27 ng
RT: 7.39 min Scan# 569
Delta R.T. -0.00 min
Lab File: BF078194.D
Acq: 2 Apr 2015 12:15

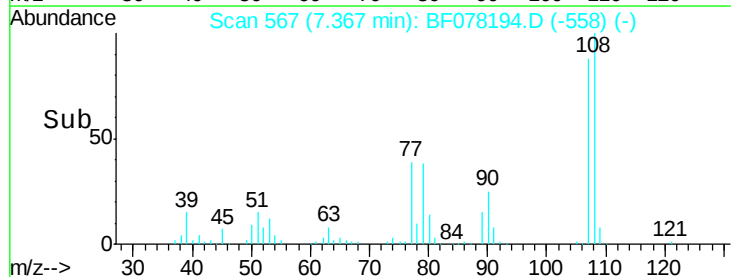
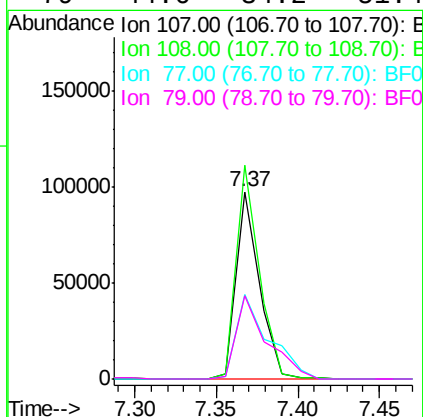
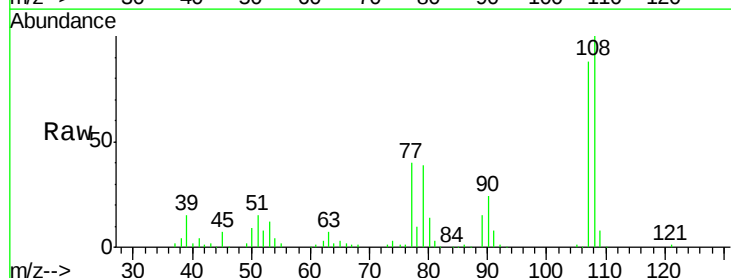
Instrument :
BNA_F
ClientSampleId :
PB82450BS

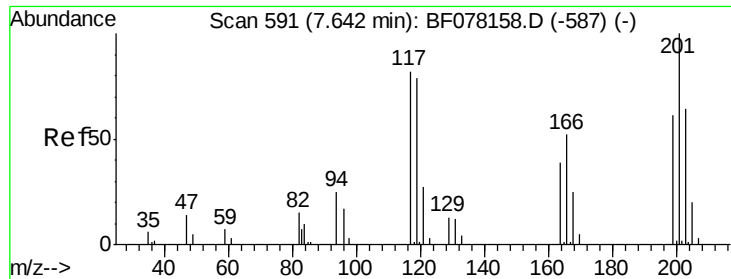
Tot Ion: 45 Resp: 147614
Ion Ratio Lower Upper
45 100
77 14.6 0.0 34.5
79 11.7 0.0 31.9



#17
2-Methylphenol
Concen: 42.85 ng
RT: 7.37 min Scan# 567
Delta R.T. -0.00 min
Lab File: BF078194.D
Acq: 2 Apr 2015 12:15

Tgt Ion:107 Resp: 95365
Ion Ratio Lower Upper
107 100
108 114.1 90.3 135.5
77 45.2 35.5 53.3
79 44.6 34.2 51.4

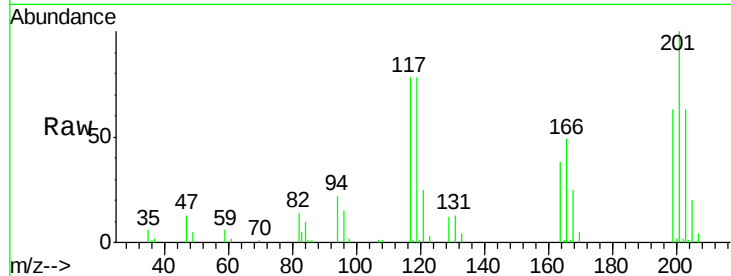




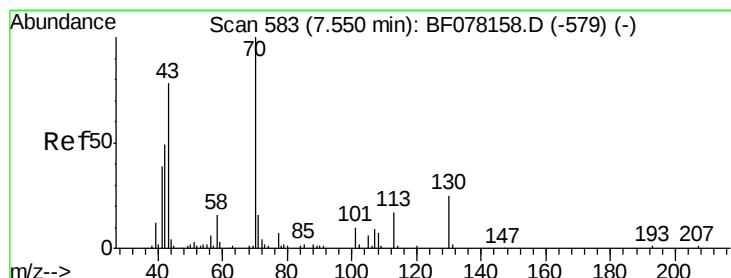
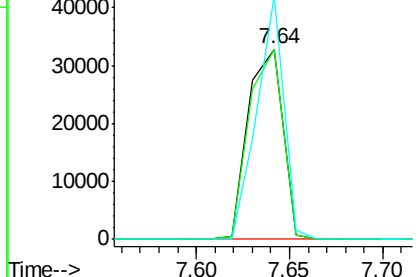
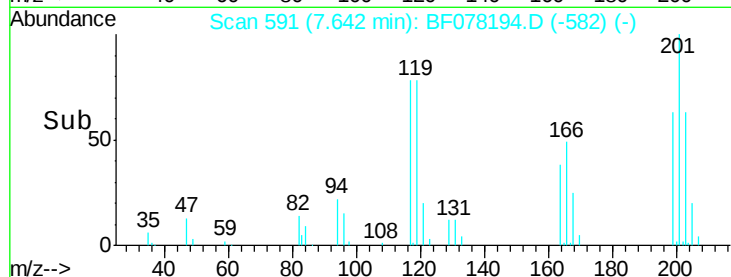
#18
Hexachloroethane
Concen: 39.34 ng
RT: 7.64 min Scan# 591
Delta R.T. -0.00 min
Lab File: BF078194.D
Acq: 2 Apr 2015 12:15

Instrument :
BNA_F
ClientSampleId :
PB82450BS

Tot Ion:117 Resp: 42044
Ion Ratio Lower Upper
117 100
119 100.1 77.0 115.6
201 128.2 98.1 147.1

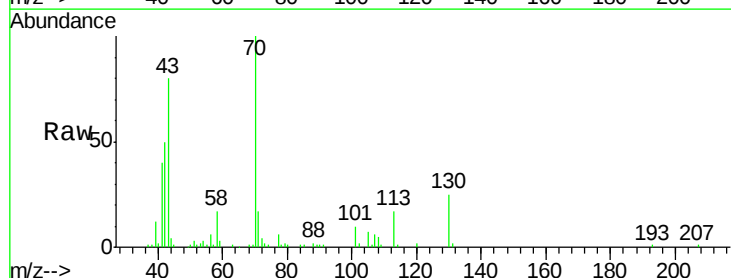


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

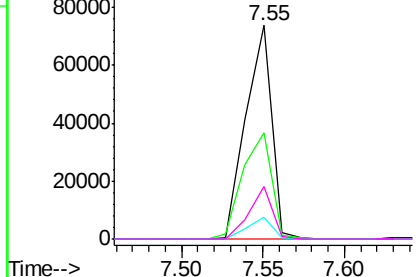
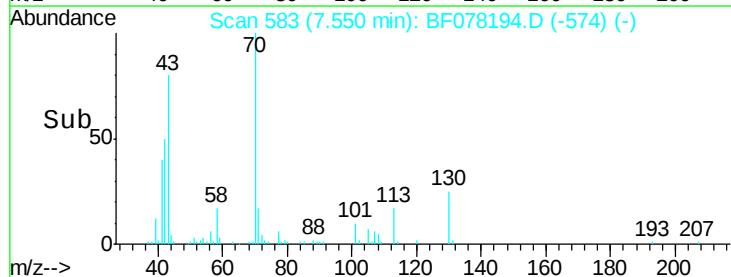


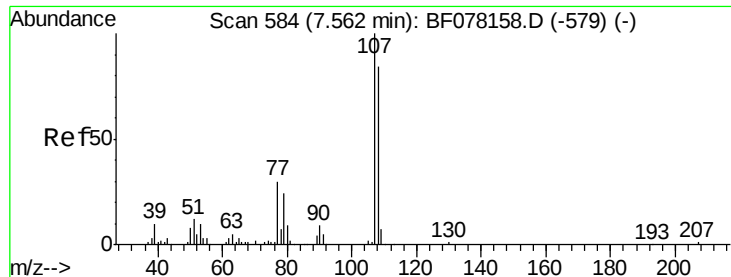
#19
n-Nitroso-di-n-propylamine
Concen: 40.19 ng
RT: 7.55 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF078194.D
Acq: 2 Apr 2015 12:15

Tgt Ion: 70 Resp: 80557
Ion Ratio Lower Upper
70 100
42 49.7 38.9 58.3
101 10.0 8.3 12.5
130 24.9 19.8 29.8



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





#20

3+4-Methylphenols

Concen: 42.73 ng

RT: 7.56 min Scan# 584

Delta R.T. -0.00 min

Lab File: BF078194.D

Acq: 2 Apr 2015 12:15

Instrument :

BNA_F

ClientSampleId :

PB82450BS

Tot Ion:107 Resp: 126844

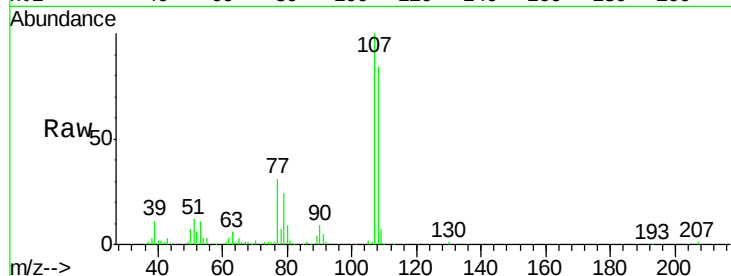
Ion Ratio Lower Upper

107 100

108 83.5 64.4 104.4

77 30.9 9.7 49.7

79 24.3 4.0 44.0

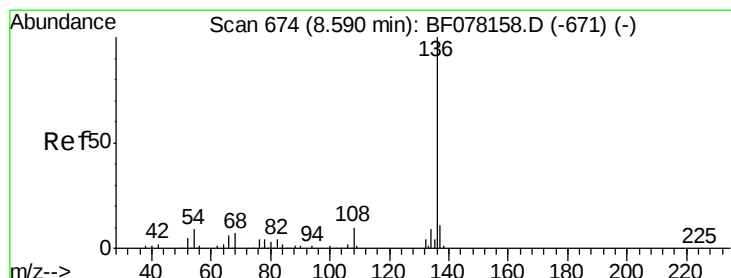
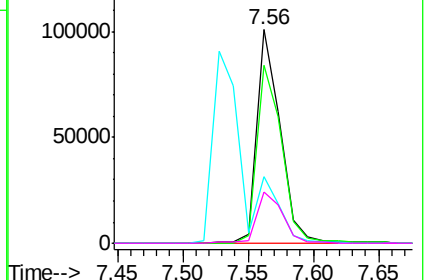
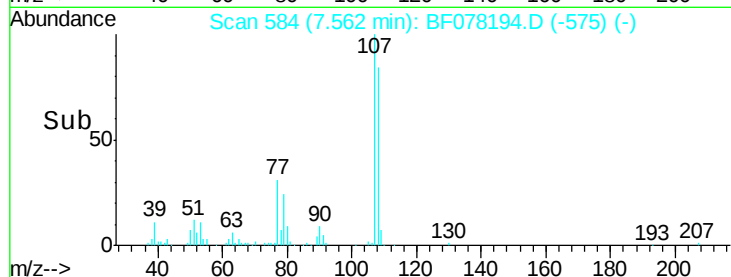


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.59 min Scan# 674

Delta R.T. -0.00 min

Lab File: BF078194.D

Acq: 2 Apr 2015 12:15

Tgt Ion:136 Resp: 161023

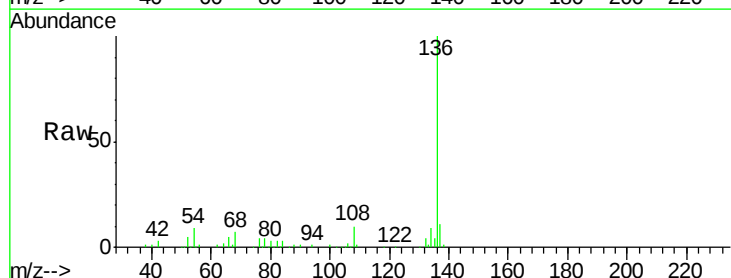
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 8.9 7.0 10.6

68 6.6 5.4 8.2

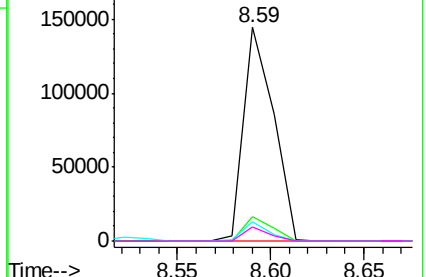
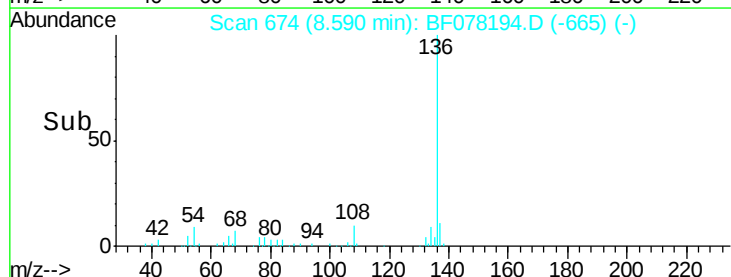


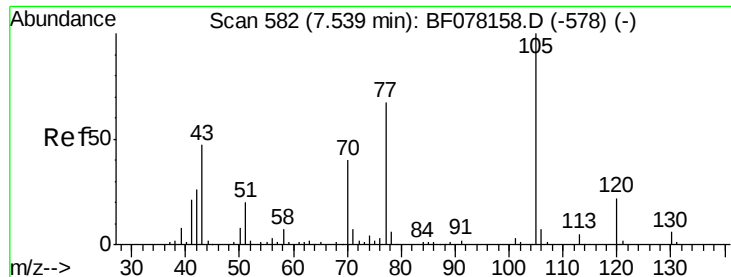
Abundance Ion 136.00 (135.70 to 136.70): E

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

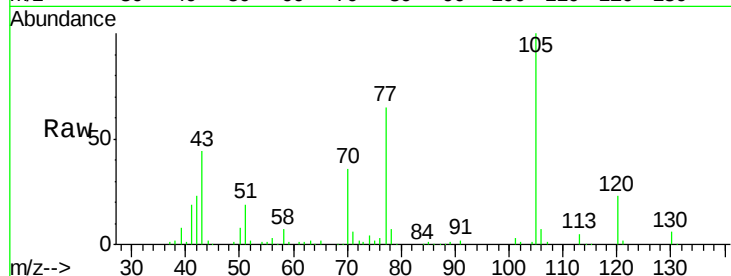




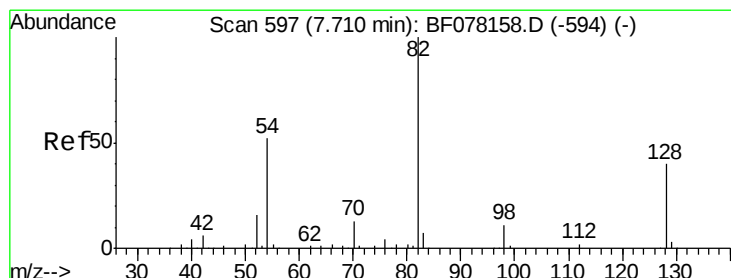
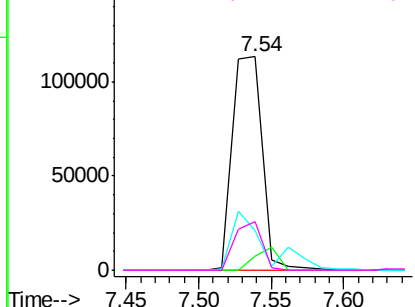
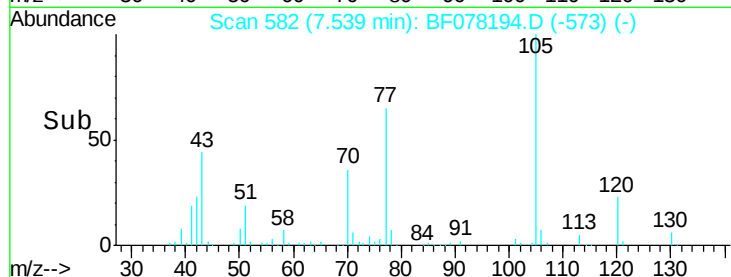
#22
Acetophenone
Concen: 43.09 ng
RT: 7.54 min Scan# 582
Delta R.T. -0.00 min
Lab File: BF078194.D
Acq: 2 Apr 2015 12:15

Instrument :
BNA_F
ClientSampleId :
PB82450BS

Tot Ion:105 Resp: 161682
Ion Ratio Lower Upper
105 100
71 6.3 5.5 8.3
51 18.9 16.0 24.0
120 22.7 17.8 26.6

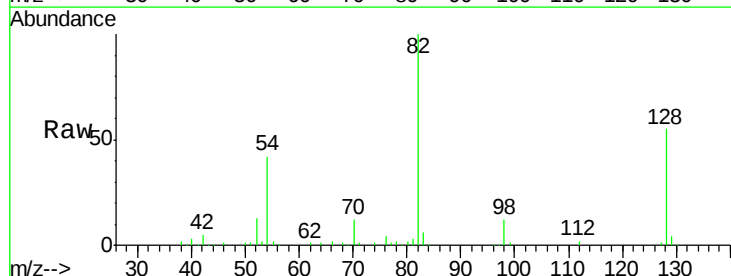


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

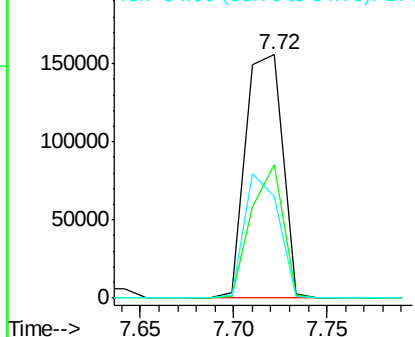
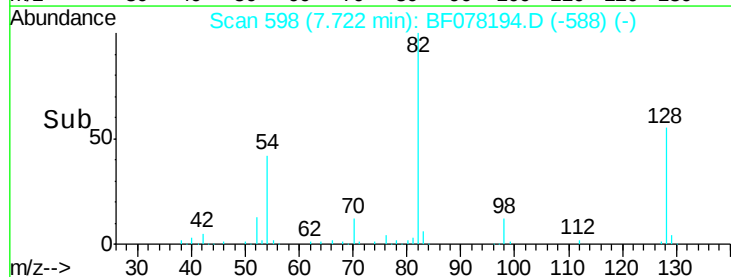


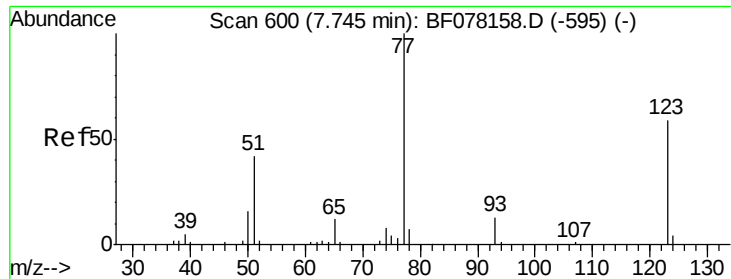
#23
Nitrobenzene-d5
Concen: 80.46 ng
RT: 7.72 min Scan# 598
Delta R.T. 0.01 min
Lab File: BF078194.D
Acq: 2 Apr 2015 12:15

Tgt Ion: 82 Resp: 213743
Ion Ratio Lower Upper
82 100
128 54.6 31.8 47.8#
54 41.9 41.5 62.3



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

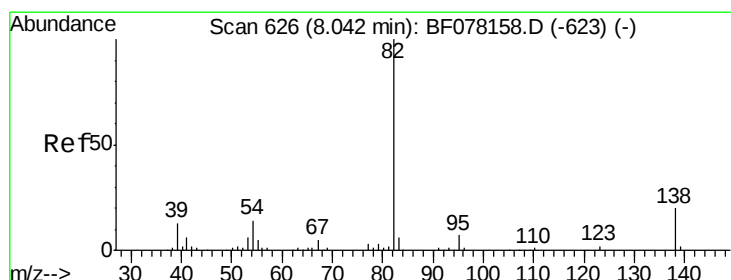
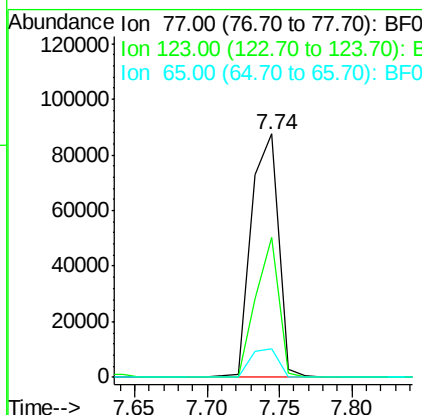
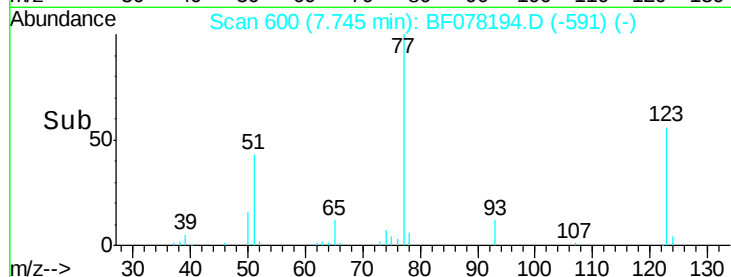
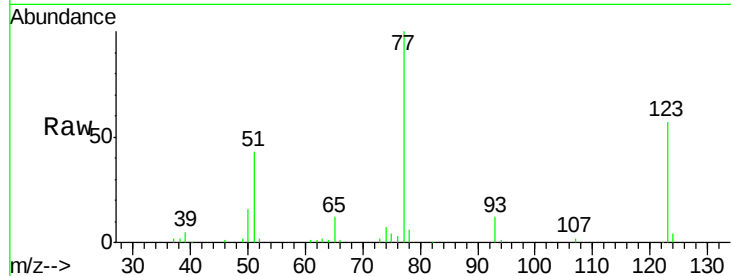




#24
 Nitrobenzene
 Concen: 40.86 ng
 RT: 7.74 min Scan# 600
 Delta R.T. -0.00 min
 Lab File: BF078194.D
 Acq: 2 Apr 2015 12:15

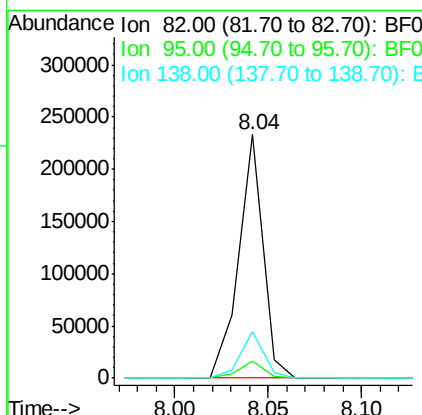
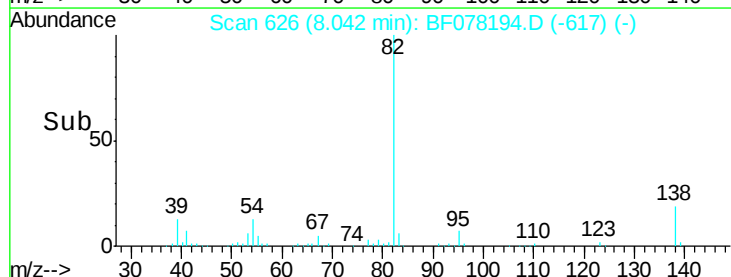
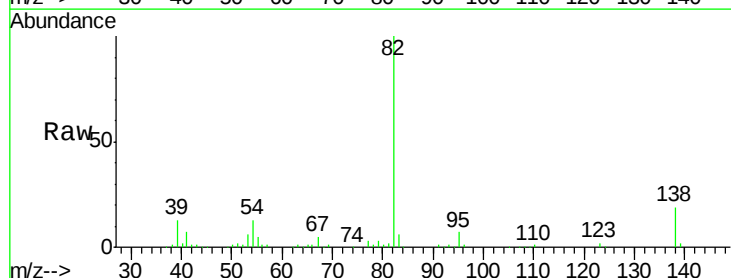
Instrument :
 BNA_F
 ClientSampleId :
 PB82450BS

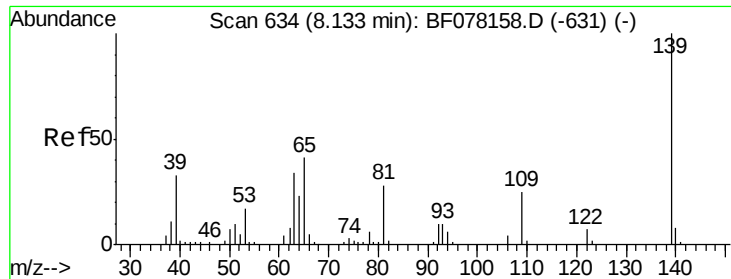
Tot Ion: 77 Resp: 113479
 Ion Ratio Lower Upper
 77 100
 123 57.3 46.9 70.3
 65 11.9 9.5 14.3



#25
 Isophorone
 Concen: 42.40 ng
 RT: 8.04 min Scan# 626
 Delta R.T. -0.00 min
 Lab File: BF078194.D
 Acq: 2 Apr 2015 12:15

Tgt Ion: 82 Resp: 213773
 Ion Ratio Lower Upper
 82 100
 95 6.8 5.7 8.5
 138 19.0 15.8 23.8

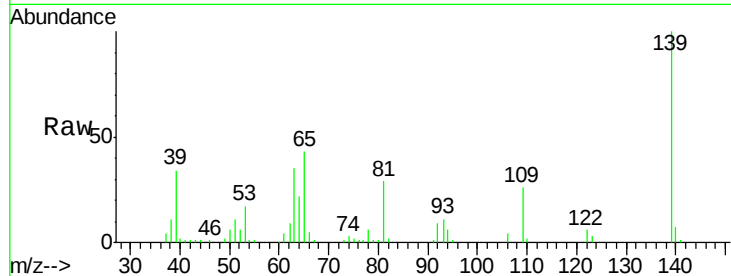




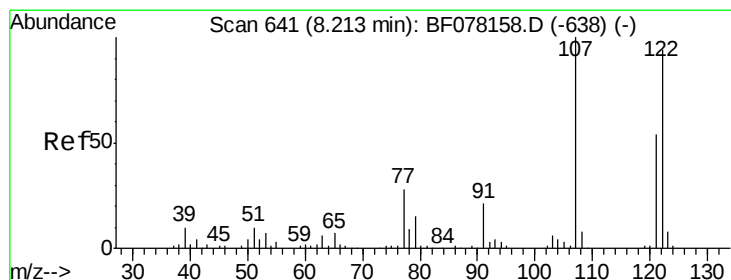
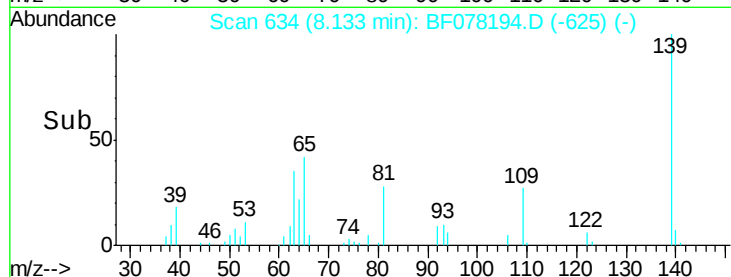
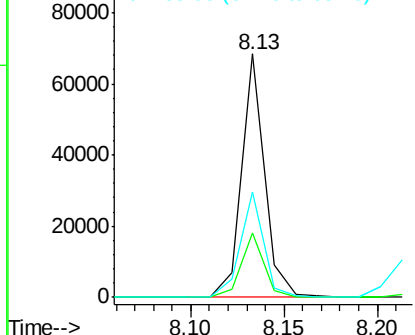
#26
2-Nitrophenol
Concen: 44.48 ng
RT: 8.13 min Scan# 634
Delta R.T. -0.00 min
Lab File: BF078194.D
Acq: 2 Apr 2015 12:15

Instrument :
BNA_F
ClientSampleId :
PB82450BS

Tot Ion:139 Resp: 58862
Ion Ratio Lower Upper
139 100
109 26.3 19.8 29.8
65 43.1 32.7 49.1

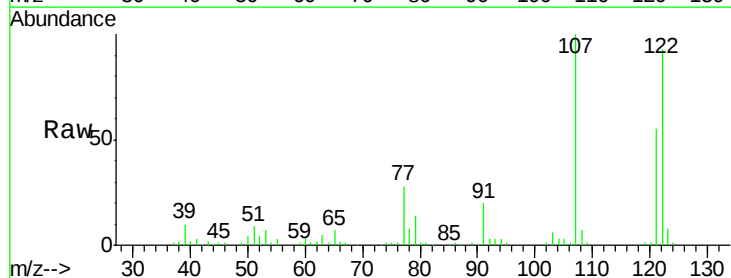


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

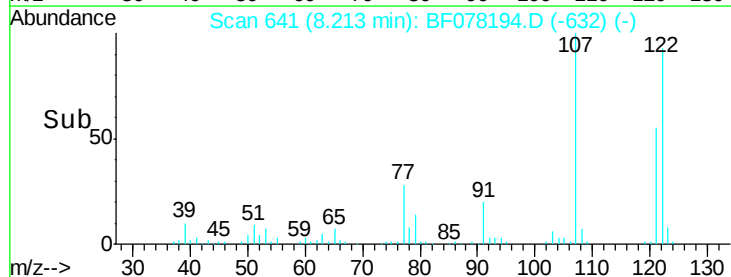
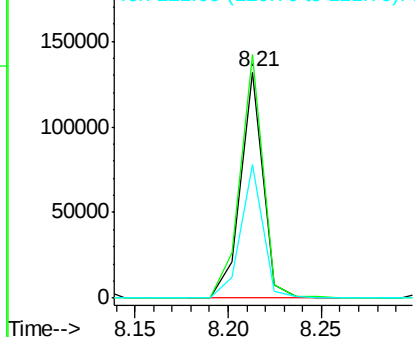


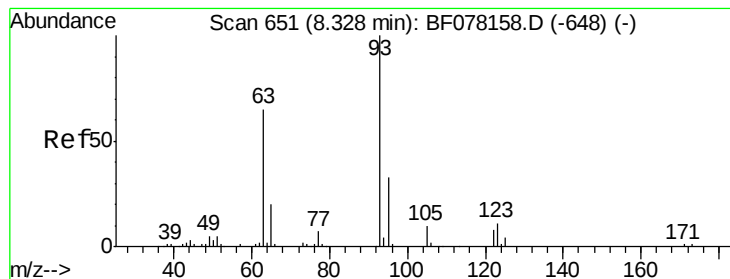
#27
2,4-Dimethylphenol
Concen: 45.20 ng
RT: 8.21 min Scan# 641
Delta R.T. -0.00 min
Lab File: BF078194.D
Acq: 2 Apr 2015 12:15

Tgt Ion:122 Resp: 111237
Ion Ratio Lower Upper
122 100
107 107.7 84.6 127.0
121 59.2 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: 44.25 ng

RT: 8.33 min Scan# 651

Delta R.T. -0.00 min

Lab File: BF078194.D

Acq: 2 Apr 2015 12:15

Instrument :

BNA_F

ClientSampleId :

PB82450BS

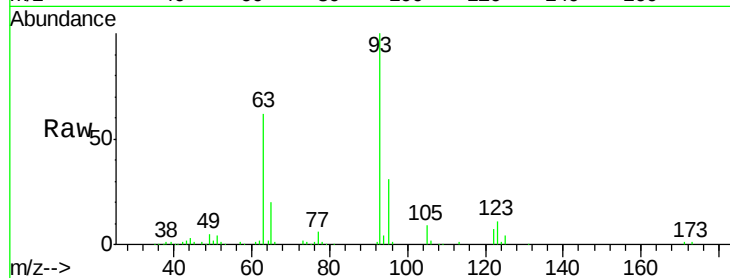
Tot Ion: 93 Resp: 143069

Ion Ratio Lower Upper

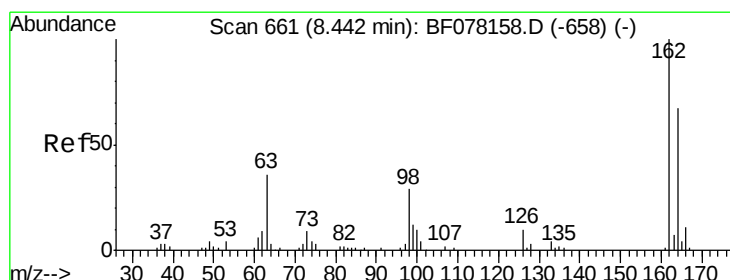
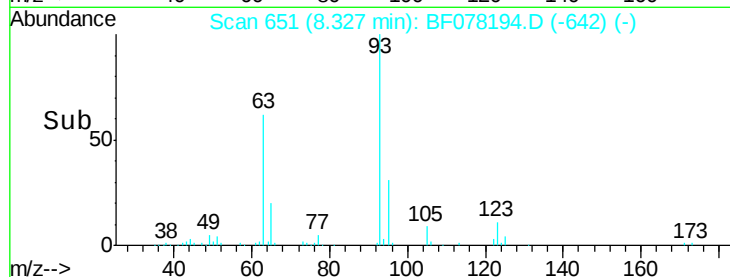
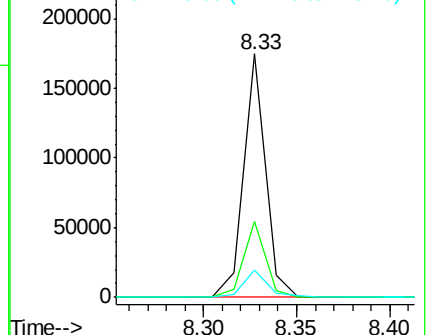
93 100

95 31.4 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): BF0



#29

2,4-Dichlorophenol

Concen: 43.70 ng

RT: 8.44 min Scan# 661

Delta R.T. -0.00 min

Lab File: BF078194.D

Acq: 2 Apr 2015 12:15

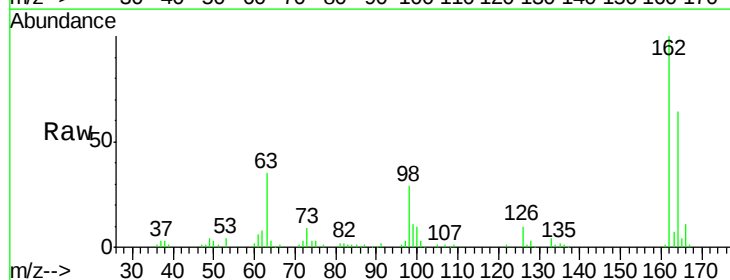
Tgt Ion:162 Resp: 97833

Ion Ratio Lower Upper

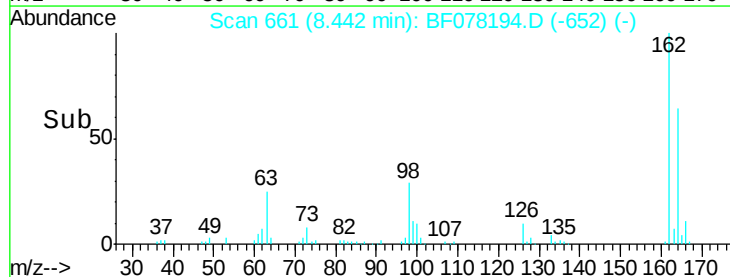
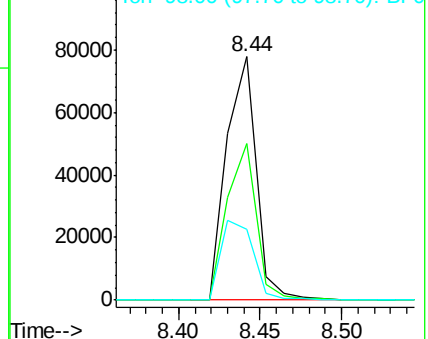
162 100

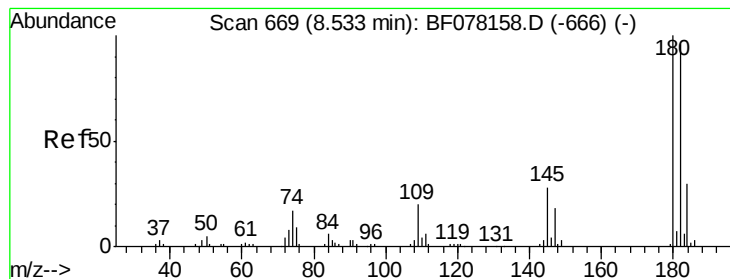
164 64.4 47.0 87.0

98 29.1 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: 39.93 ng

RT: 8.53 min Scan# 669

Delta R.T. -0.00 min

Lab File: BF078194.D

Acq: 2 Apr 2015 12:15

Instrument :

BNA_F

ClientSampleId :

PB82450BS

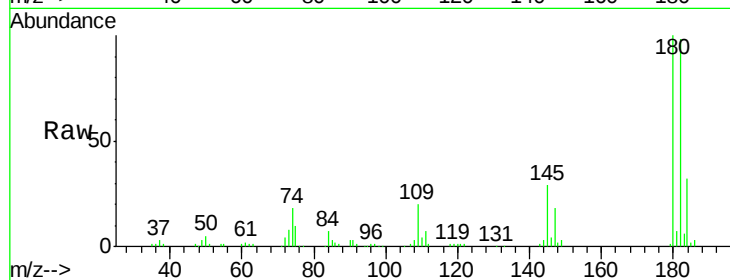
Tot Ion:180 Resp: 102494

Ion Ratio Lower Upper

180 100

182 97.9 76.9 115.3

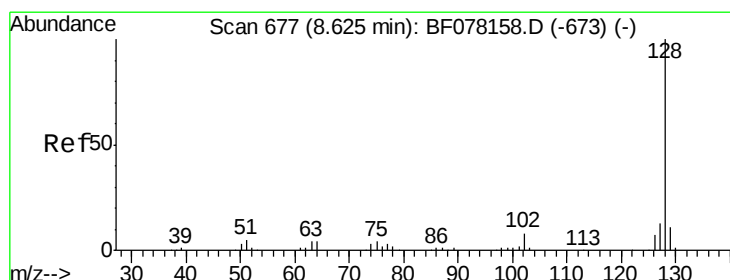
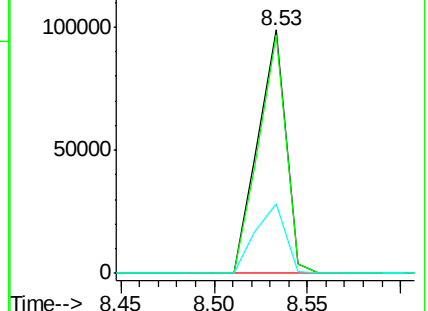
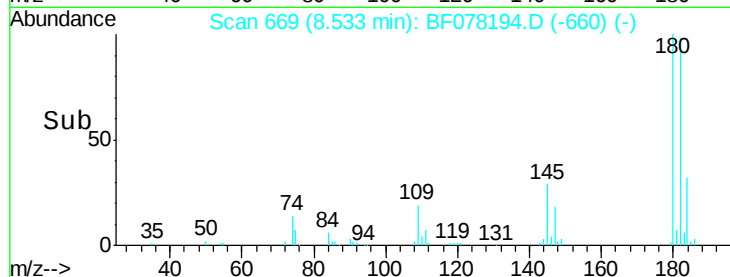
145 28.6 22.5 33.7



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: 40.73 ng

RT: 8.62 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF078194.D

Acq: 2 Apr 2015 12:15

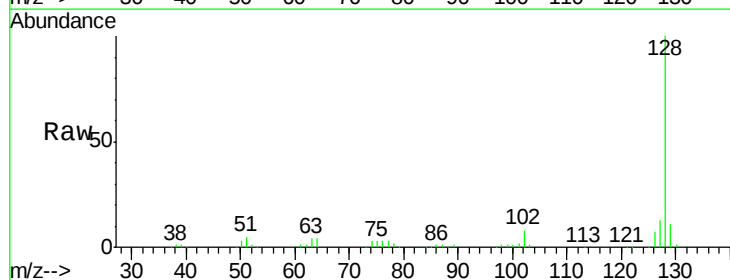
Tgt Ion:128 Resp: 341364

Ion Ratio Lower Upper

128 100

129 10.9 8.6 12.8

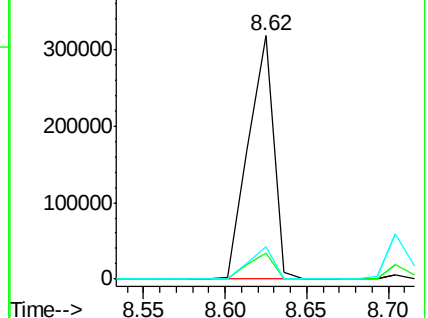
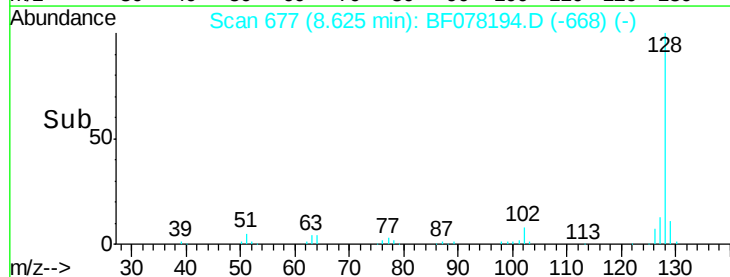
127 13.2 10.7 16.1

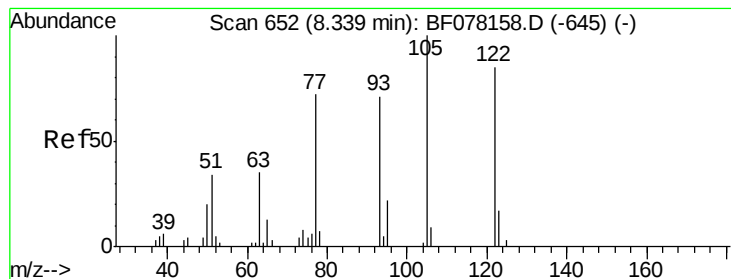


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 41.03 ng

RT: 8.34 min Scan# 652

Delta R.T. 0.00 min

Lab File: BF078194.D

Acq: 2 Apr 2015 12:15

Instrument :

BNA_F

ClientSampleId :

PB82450BS

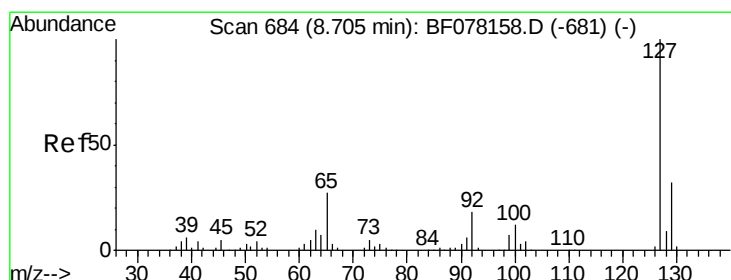
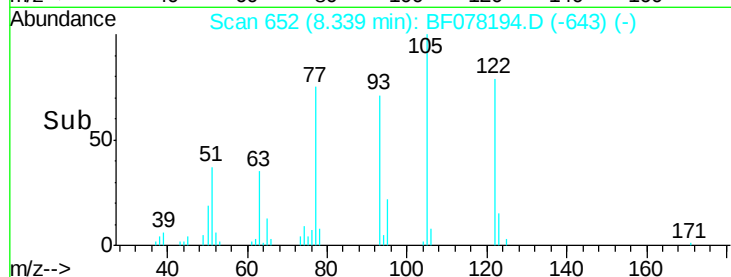
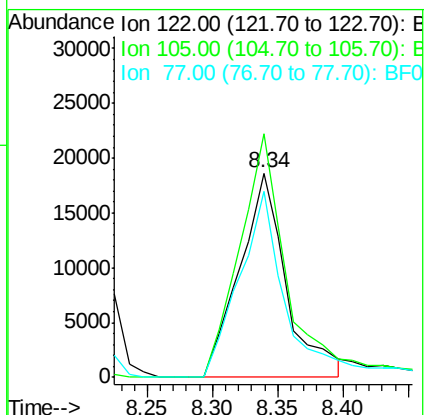
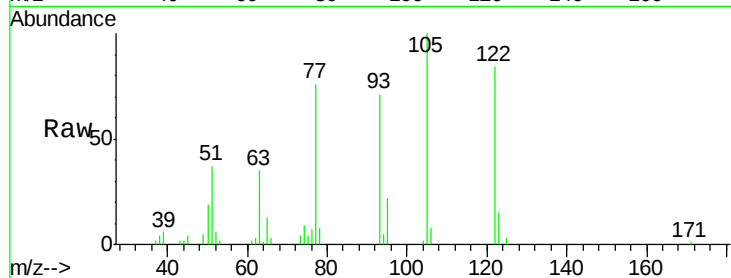
Tot Ion:122 Resp: 46381

Ion Ratio Lower Upper

122 100

105 119.0 96.1 136.1

77 90.9 64.1 104.1



#33

4-Chloroaniline

Concen: 17.01 ng

RT: 8.70 min Scan# 684

Delta R.T. -0.00 min

Lab File: BF078194.D

Acq: 2 Apr 2015 12:15

Tgt Ion:127 Resp: 59172

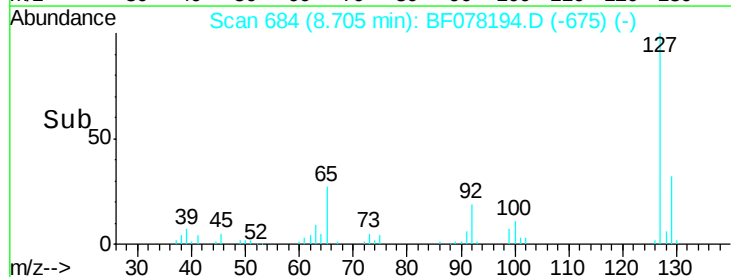
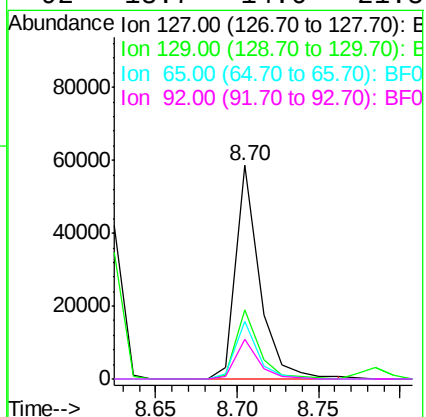
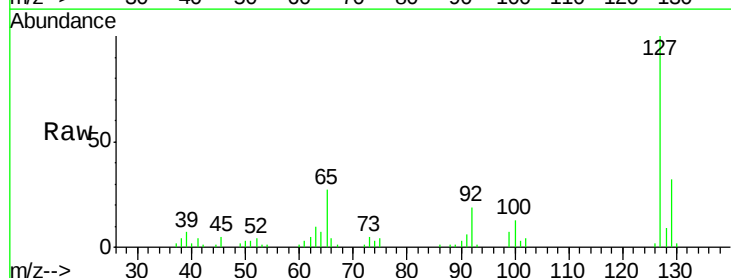
Ion Ratio Lower Upper

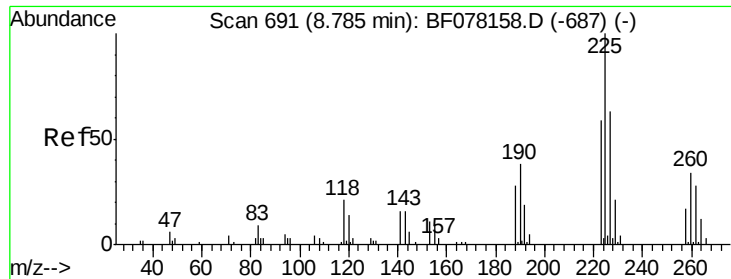
127 100

129 32.3 25.5 38.3

65 27.1 21.7 32.5

92 18.7 14.6 21.8

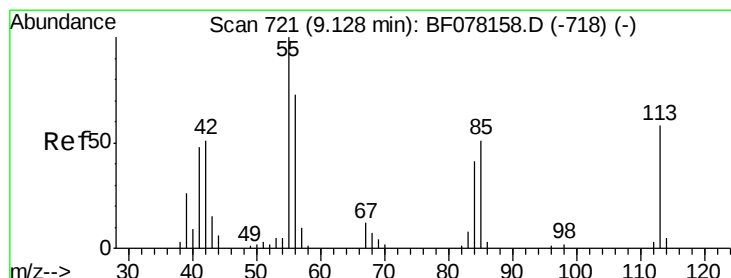
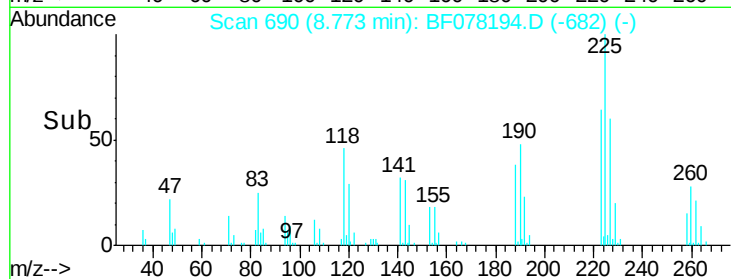
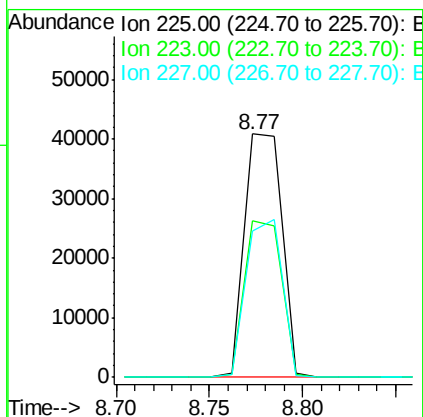
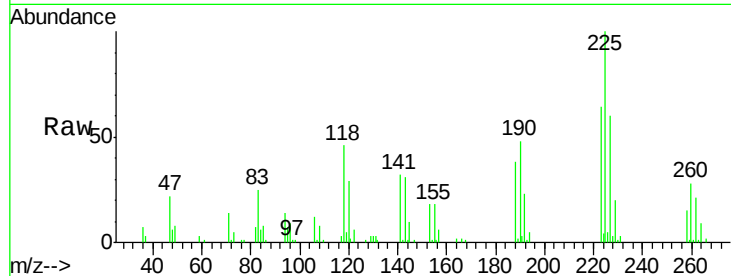




#34
Hexachlorobutadiene
Concen: 40.27 ng
RT: 8.77 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF078194.D
Acq: 2 Apr 2015 12:15

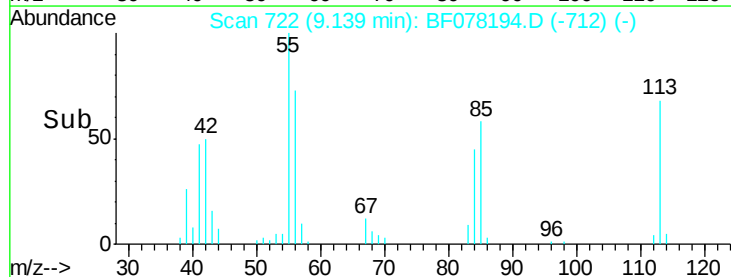
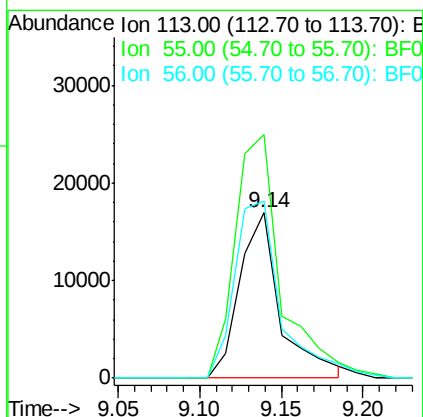
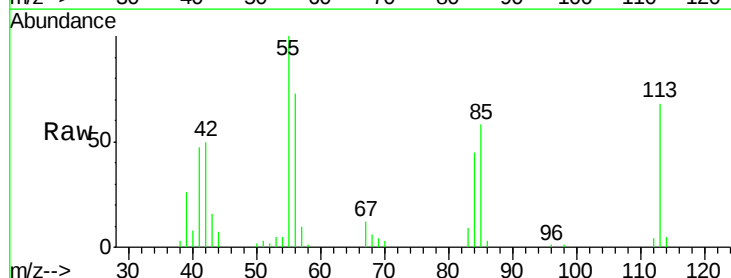
Instrument :
BNA_F
ClientSampleId :
PB82450BS

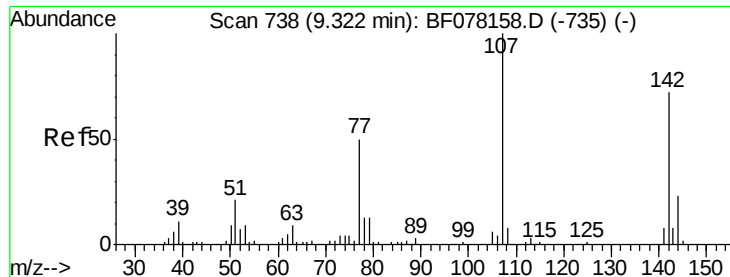
Tot Ion:225 Resp: 56765
Ion Ratio Lower Upper
225 100
223 64.2 47.5 71.3
227 60.2 50.2 75.2



#35
Caprolactam
Concen: 44.08 ng
RT: 9.14 min Scan# 722
Delta R.T. 0.01 min
Lab File: BF078194.D
Acq: 2 Apr 2015 12:15

Tgt Ion:113 Resp: 29457
Ion Ratio Lower Upper
113 100
55 147.6 151.9 191.9#
56 107.1 106.1 146.1

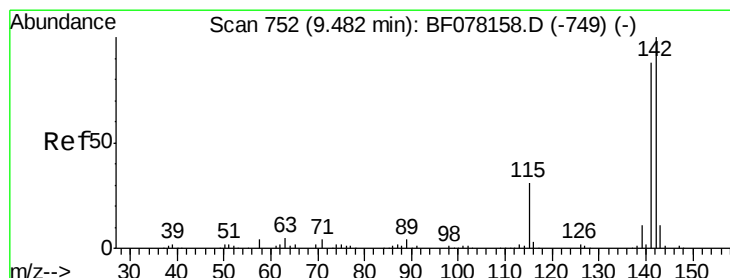
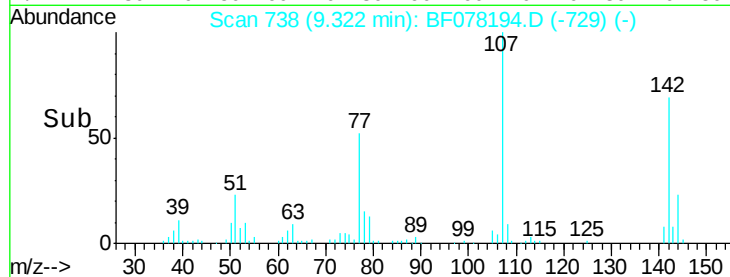
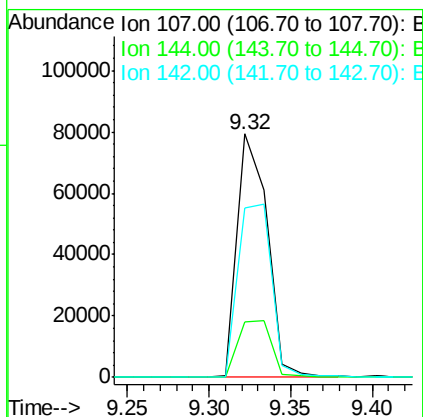
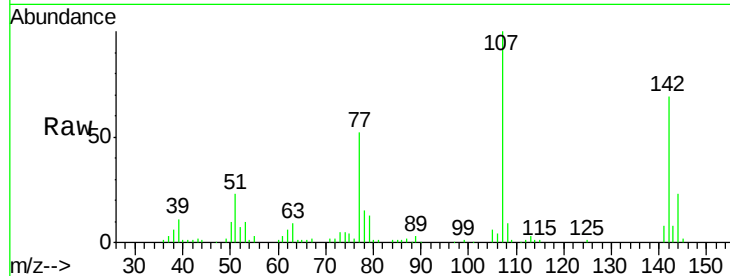




#36
 4-Chloro-3-methylphenol
 Concen: 44.76 ng
 RT: 9.32 min Scan# 738
 Delta R.T. -0.00 min
 Lab File: BF078194.D
 Acq: 2 Apr 2015 12:15

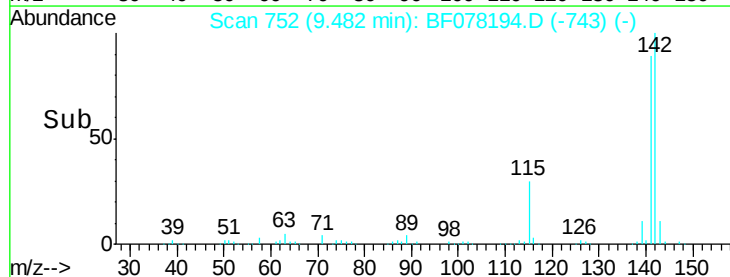
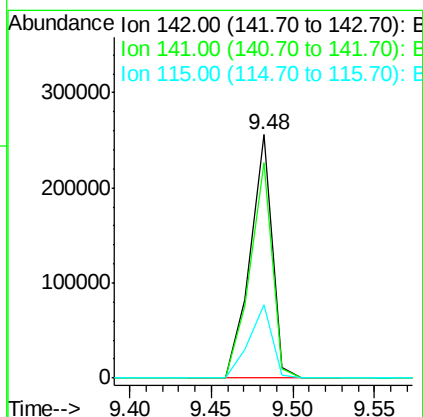
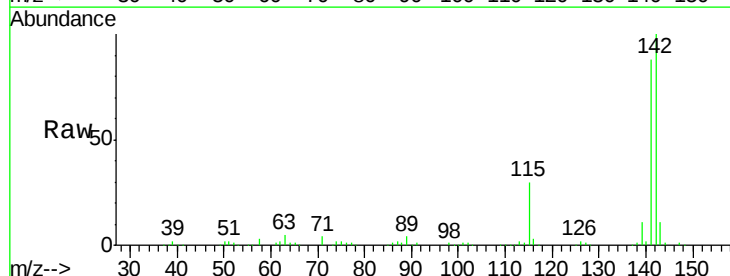
Instrument :
 BNA_F
 ClientSampleId :
 PB82450BS

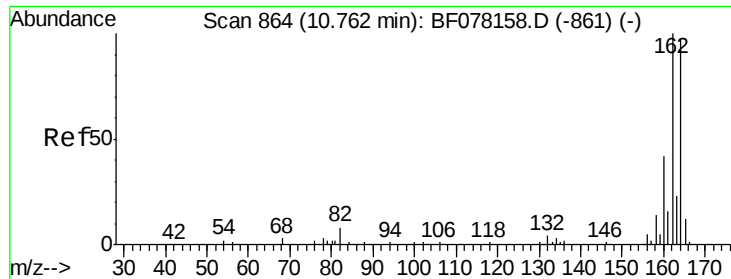
Tot Ion:107 Resp: 101108
 Ion Ratio Lower Upper
 107 100
 144 22.6 18.2 27.2
 142 69.4 58.0 87.0



#37
 2-Methylnaphthalene
 Concen: 42.46 ng
 RT: 9.48 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF078194.D
 Acq: 2 Apr 2015 12:15

Tgt Ion:142 Resp: 241623
 Ion Ratio Lower Upper
 142 100
 141 88.4 70.3 105.5
 115 30.0 24.6 37.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.76 min Scan# 864

Delta R.T. -0.00 min

Lab File: BF078194.D

Acq: 2 Apr 2015 12:15

Instrument :

BNA_F

ClientSampleId :

PB82450BS

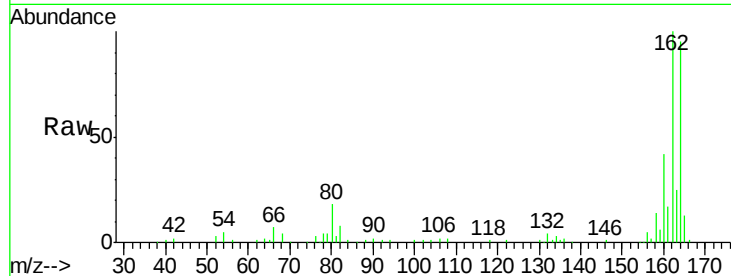
Tot Ion:164 Resp: 78616

Ion Ratio Lower Upper

164 100

162 105.5 82.2 123.2

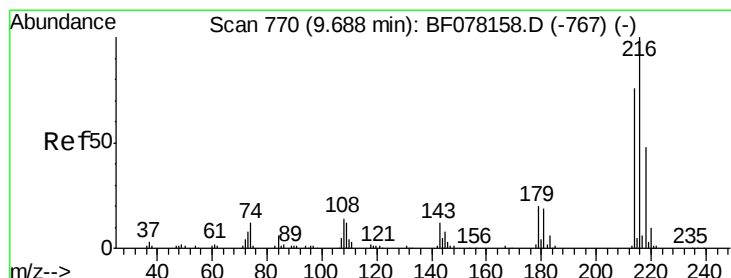
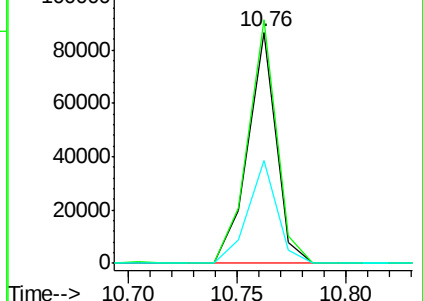
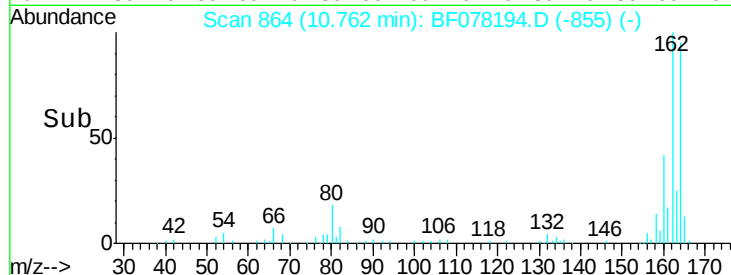
160 44.8 34.7 52.1



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: 42.64 ng

RT: 9.69 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF078194.D

Acq: 2 Apr 2015 12:15

Tgt Ion:216 Resp: 103866

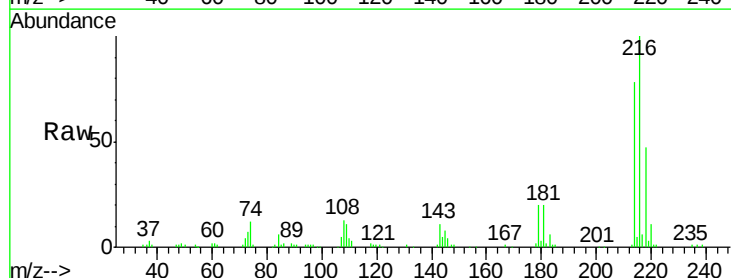
Ion Ratio Lower Upper

216 100

214 78.7 62.0 93.0

179 21.6 17.3 25.9

108 19.4 14.6 21.8

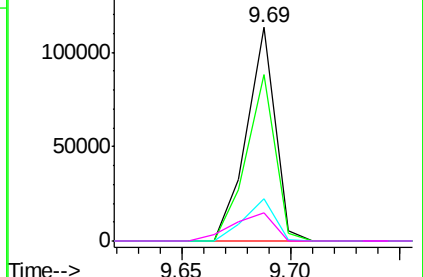
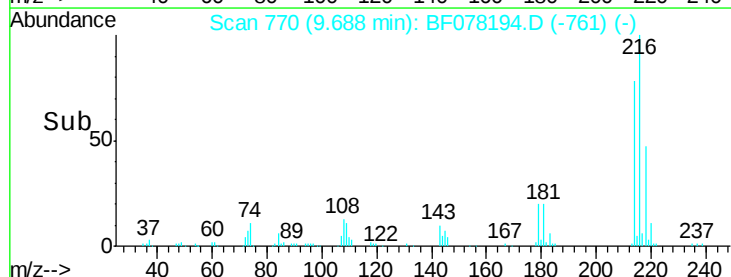


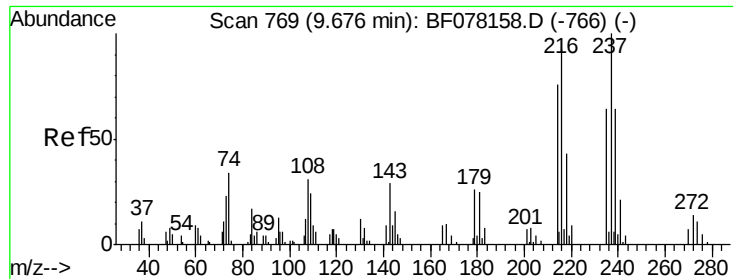
Abundance Ion 216.00 (215.70 to 216.70): E

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: 90.07 ng

RT: 9.68 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF078194.D

Acq: 2 Apr 2015 12:15

Instrument :

BNA_F

ClientSampleId :

PB82450BS

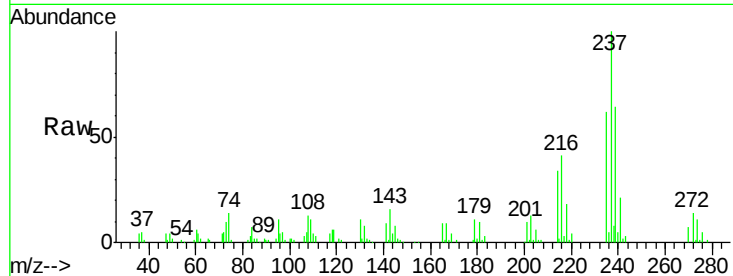
Tot Ion:237 Resp: 93920

Ion Ratio Lower Upper

237 100

235 62.2 44.1 84.1

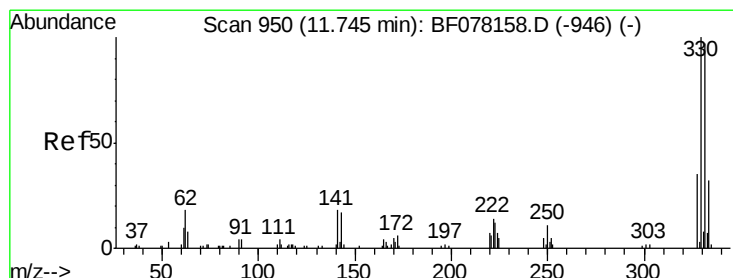
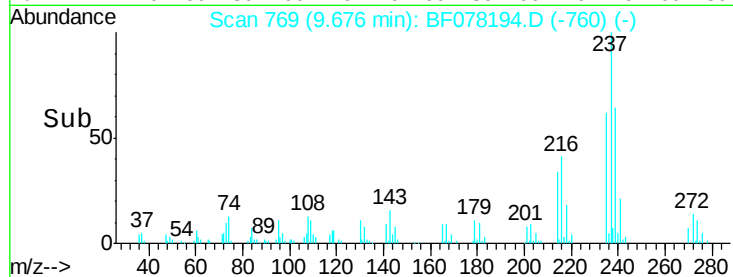
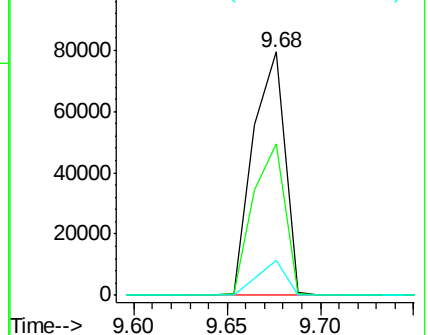
272 14.1 0.0 34.4



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: 143.01 ng

RT: 11.74 min Scan# 950

Delta R.T. -0.00 min

Lab File: BF078194.D

Acq: 2 Apr 2015 12:15

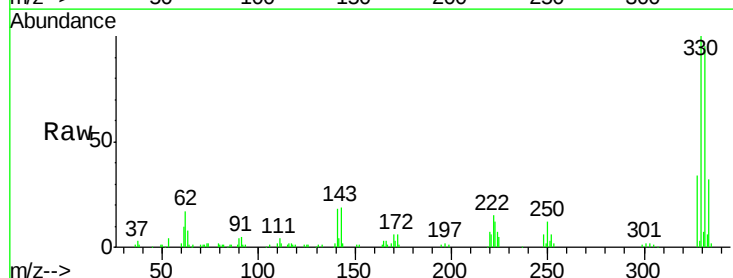
Tgt Ion:330 Resp: 93243

Ion Ratio Lower Upper

330 100

332 95.3 78.6 117.8

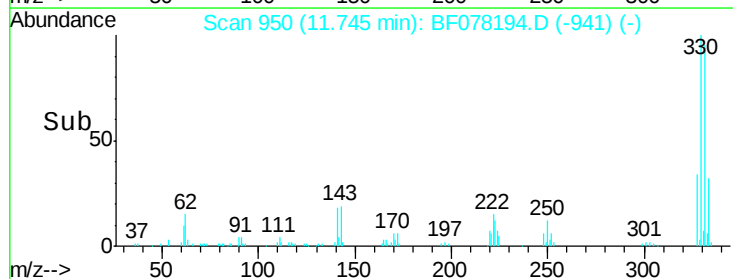
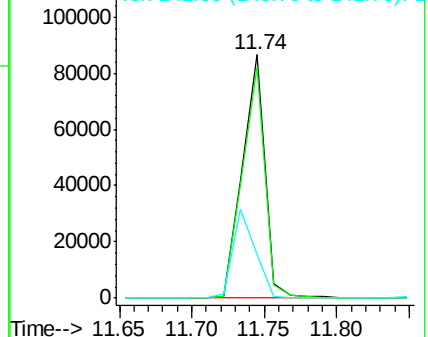
141 36.4 31.2 46.8

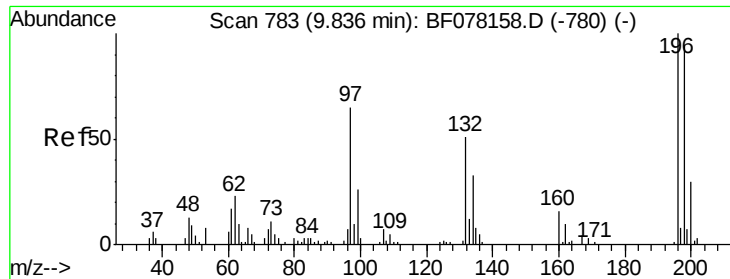


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

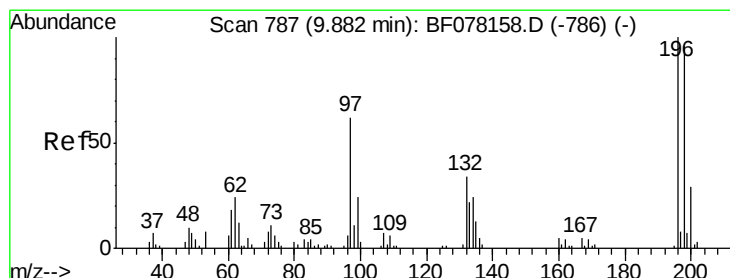
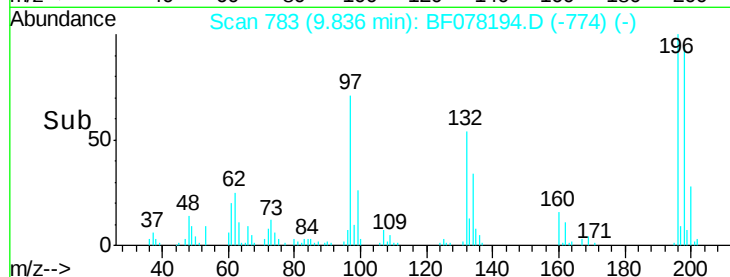
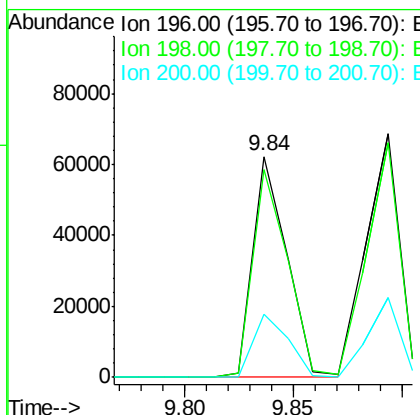
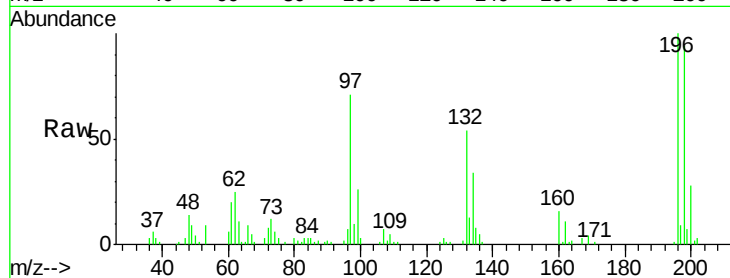




#42
 2,4,6-Trichlorophenol
 Concen: 44.26 ng
 RT: 9.84 min Scan# 783
 Delta R.T. -0.00 min
 Lab File: BF078194.D
 Acq: 2 Apr 2015 12:15

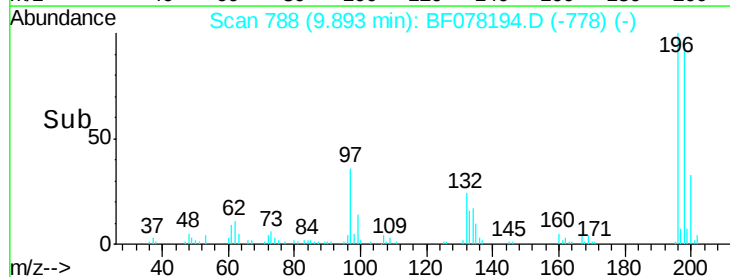
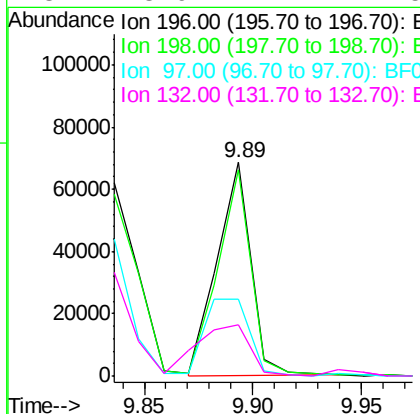
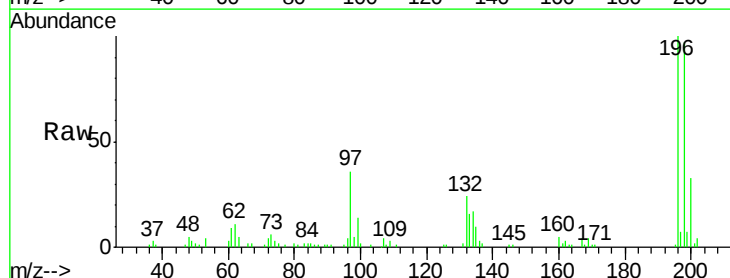
Instrument :
 BNA_F
 ClientSampleId :
 PB82450BS

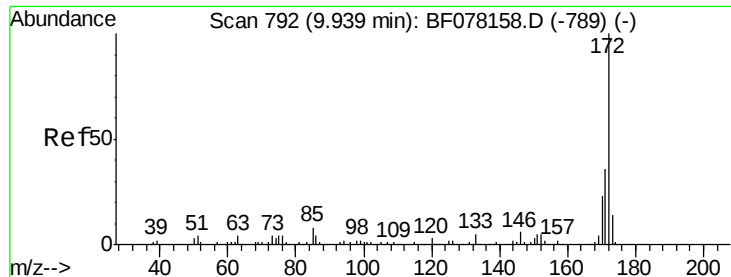
Tot Ion:196 Resp: 67988
 Ion Ratio Lower Upper
 196 100
 198 93.8 75.4 113.2
 200 28.4 24.0 36.0



#43
 2,4,5-Trichlorophenol
 Concen: 45.87 ng
 RT: 9.89 min Scan# 788
 Delta R.T. 0.01 min
 Lab File: BF078194.D
 Acq: 2 Apr 2015 12:15

Tgt Ion:196 Resp: 73626
 Ion Ratio Lower Upper
 196 100
 198 96.5 76.6 115.0
 97 35.9 50.6 75.8#
 132 23.9 27.7 41.5#





#44

2-Fluorobiphenyl

Concen: 84.79 ng

RT: 9.94 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF078194.D

Acq: 2 Apr 2015 12:15

Instrument :

BNA_F

ClientSampleId :

PB82450BS

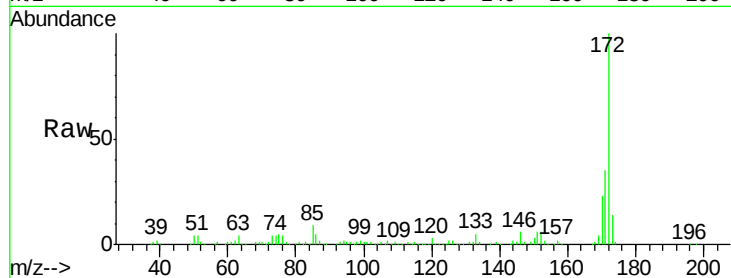
Tot Ion:172 Resp: 466322

Ion Ratio Lower Upper

172 100

171 35.1 28.6 42.8

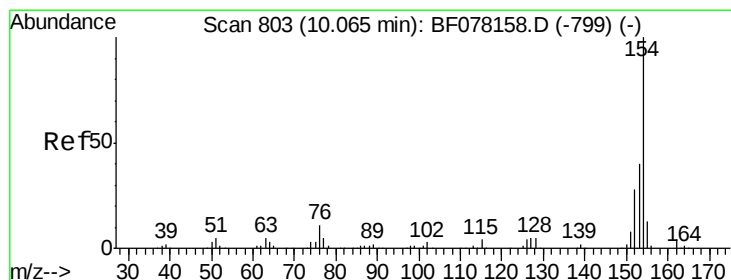
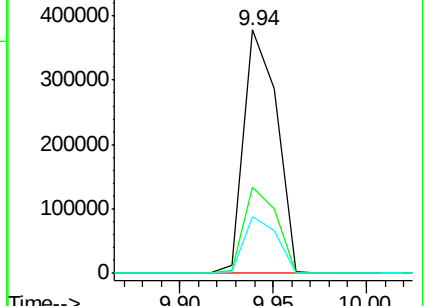
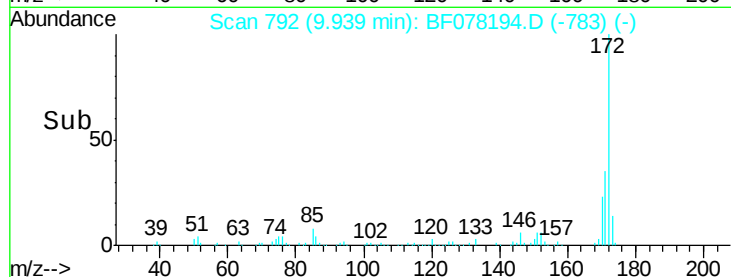
170 23.2 18.5 27.7



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 44.50 ng

RT: 10.06 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF078194.D

Acq: 2 Apr 2015 12:15

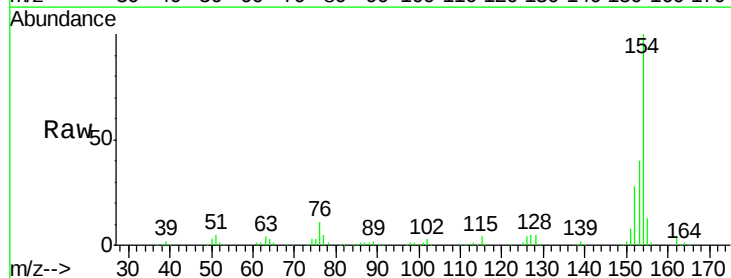
Tgt Ion:154 Resp: 286160

Ion Ratio Lower Upper

154 100

153 39.7 20.0 60.0

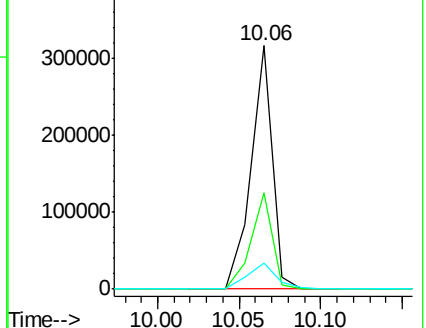
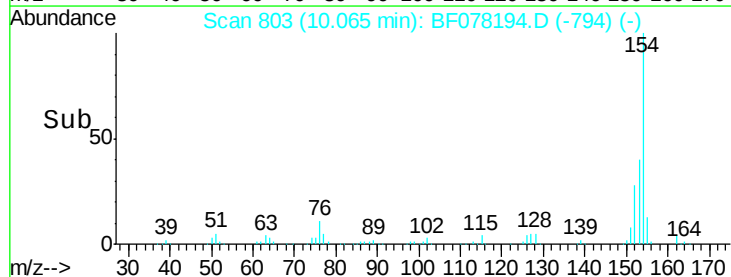
76 10.8 0.0 30.6

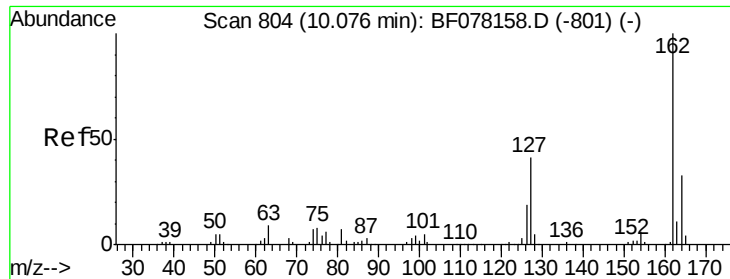


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

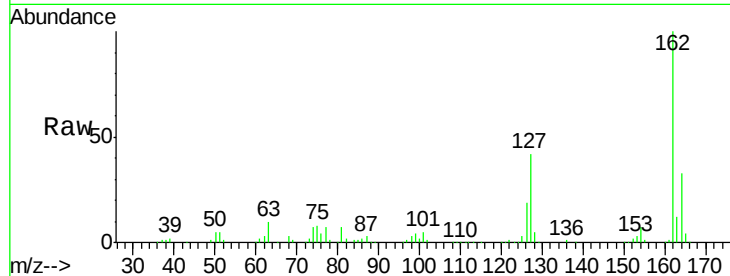




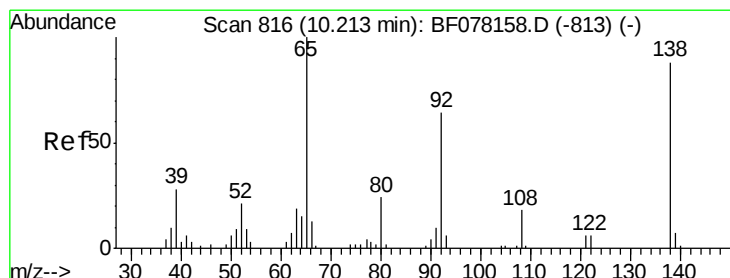
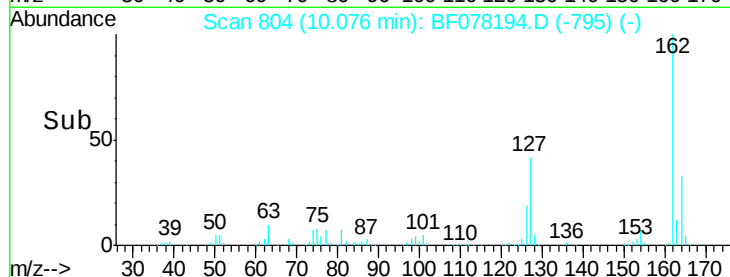
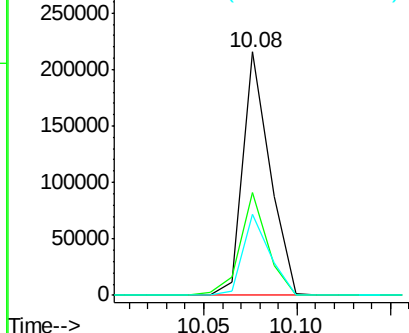
#46
 2-Chloronaphthalene
 Concen: 42.88 ng
 RT: 10.08 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: BF078194.D
 Acq: 2 Apr 2015 12:15

Instrument :
 BNA_F
 ClientSampleId :
 PB82450BS

Tot Ion:162 Resp: 216970
 Ion Ratio Lower Upper
 162 100
 127 42.0 32.6 49.0
 164 33.1 26.0 39.0

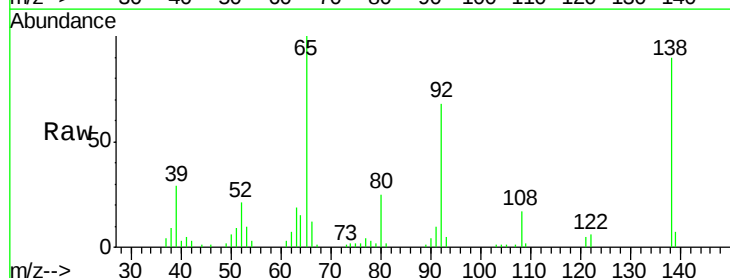


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

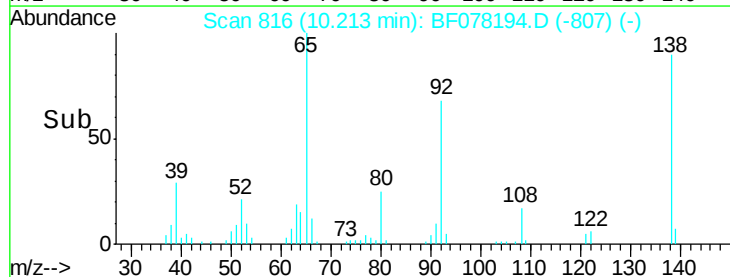
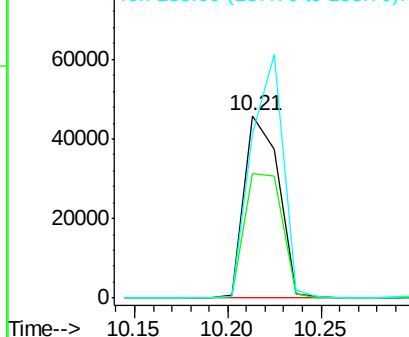


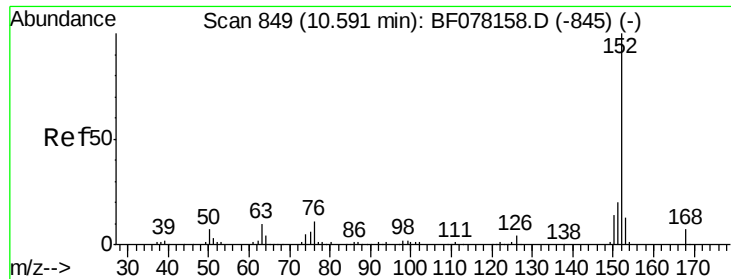
#47
 2-Nitroaniline
 Concen: 46.88 ng
 RT: 10.21 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF078194.D
 Acq: 2 Apr 2015 12:15

Tgt Ion: 65 Resp: 58682
 Ion Ratio Lower Upper
 65 100
 92 68.1 51.3 76.9
 138 90.1 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: 43.48 ng

RT: 10.59 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF078194.D

Acq: 2 Apr 2015 12:15

Instrument :

BNA_F

ClientSampleId :

PB82450BS

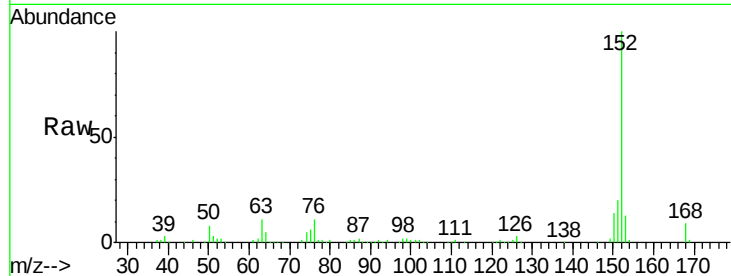
Tot Ion:152 Resp: 355199

Ion Ratio Lower Upper

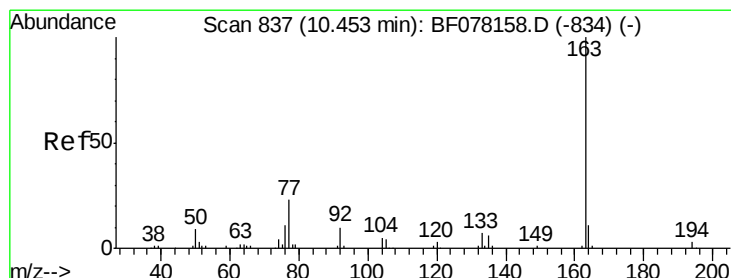
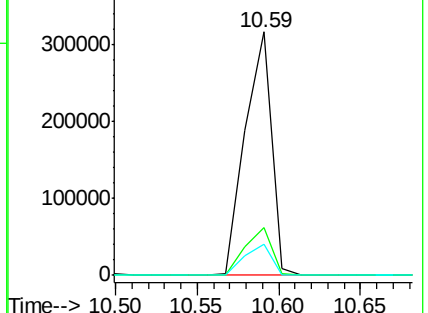
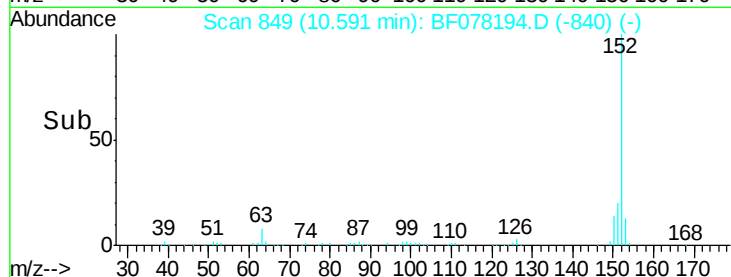
152 100

151 19.6 15.7 23.5

153 12.6 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: 43.46 ng

RT: 10.45 min Scan# 837

Delta R.T. -0.00 min

Lab File: BF078194.D

Acq: 2 Apr 2015 12:15

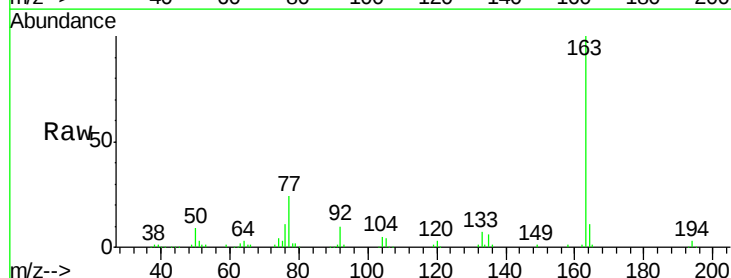
Tgt Ion:163 Resp: 256683

Ion Ratio Lower Upper

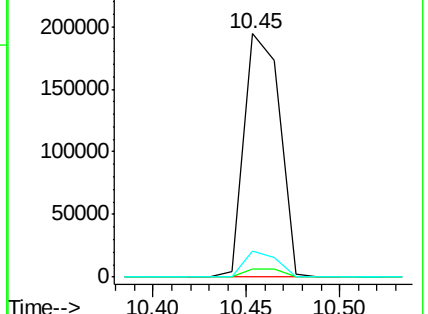
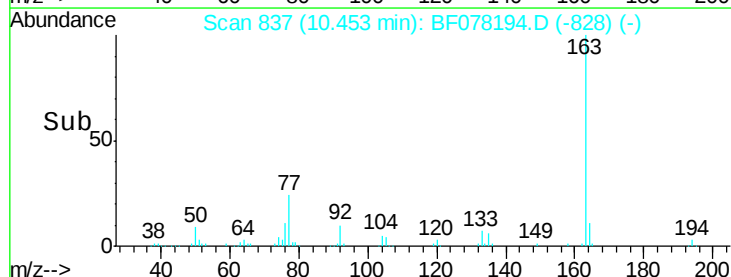
163 100

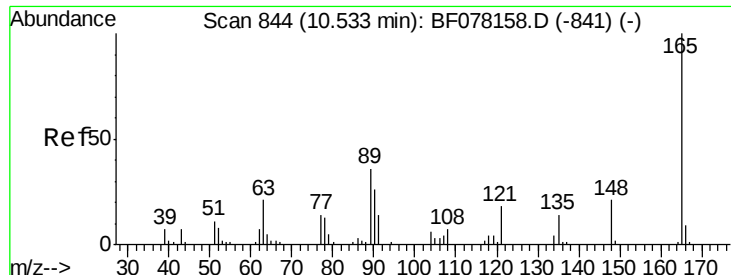
194 3.2 2.3 3.5

164 10.7 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

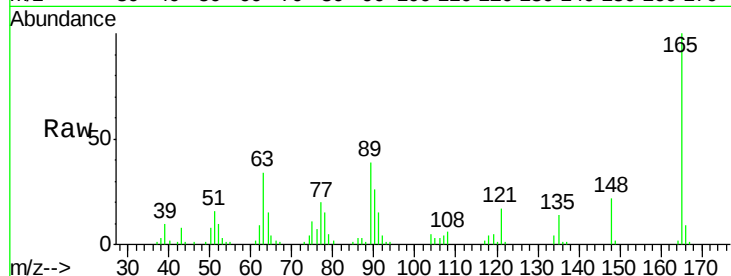




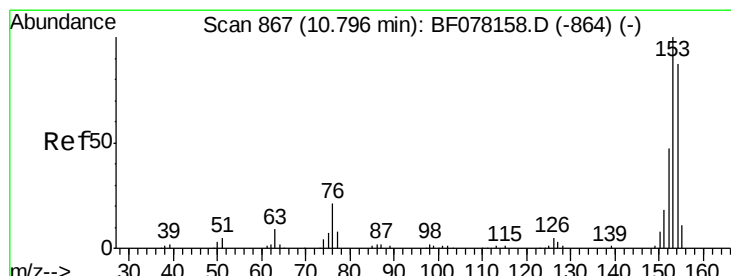
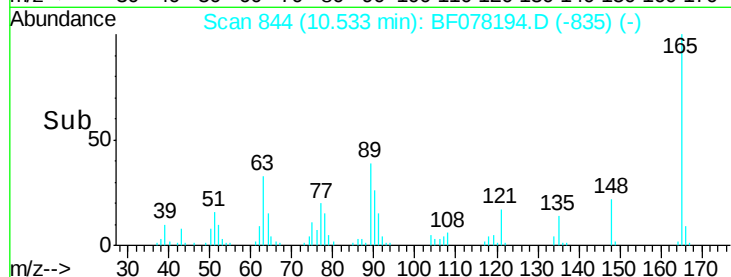
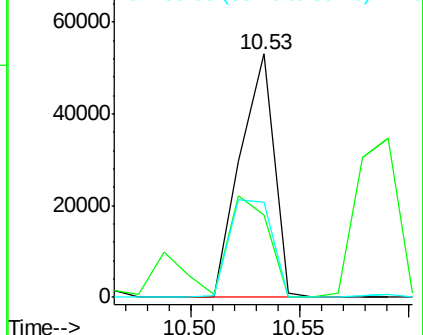
#50
 2,6-Dinitrotoluene
 Concen: 47.21 ng
 RT: 10.53 min Scan# 844
 Delta R.T. -0.00 min
 Lab File: BF078194.D
 Acq: 2 Apr 2015 12:15

Instrument :
 BNA_F
 ClientSampleId :
 PB82450BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	33.8	24.1	36.1
89	39.1	28.9	43.3

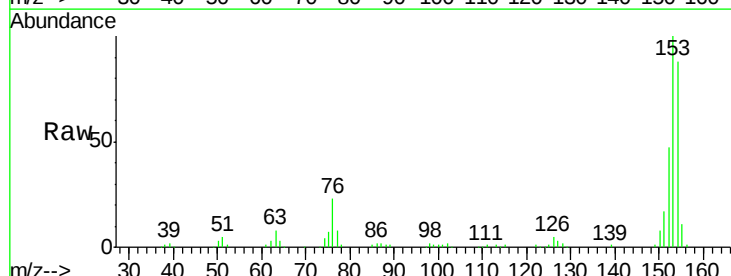


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

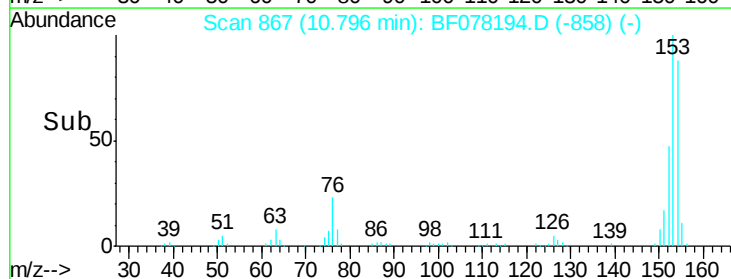
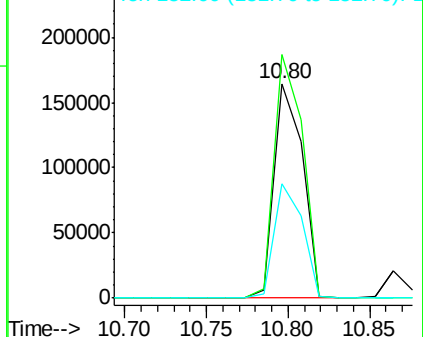


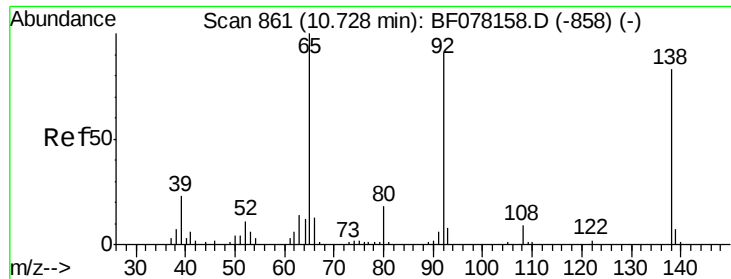
#51
 Acenaphthene
 Concen: 43.56 ng
 RT: 10.80 min Scan# 867
 Delta R.T. -0.00 min
 Lab File: BF078194.D
 Acq: 2 Apr 2015 12:15

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.6	91.4	137.2
152	53.5	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

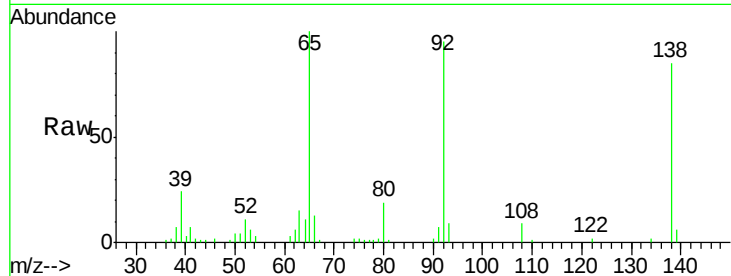




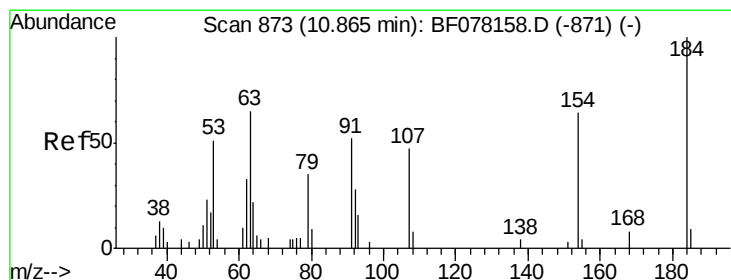
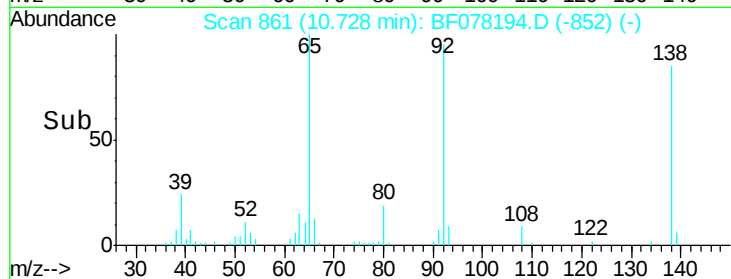
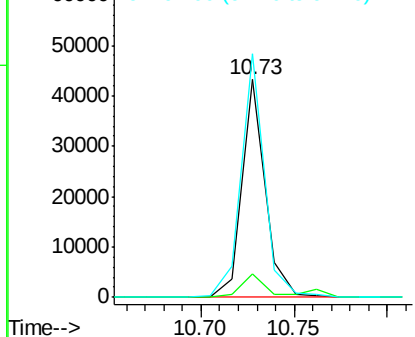
#52
3-Nitroaniline
Concen: 27.25 ng
RT: 10.73 min Scan# 861
Delta R.T. -0.00 min
Lab File: BF078194.D
Acq: 2 Apr 2015 12:15

Instrument :
BNA_F
ClientSampleId :
PB82450BS

Tot Ion:138 Resp: 37657
Ion Ratio Lower Upper
138 100
108 10.5 8.2 12.4
92 111.9 88.4 132.6

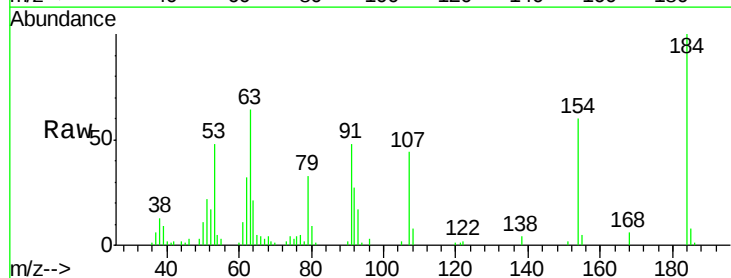


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0

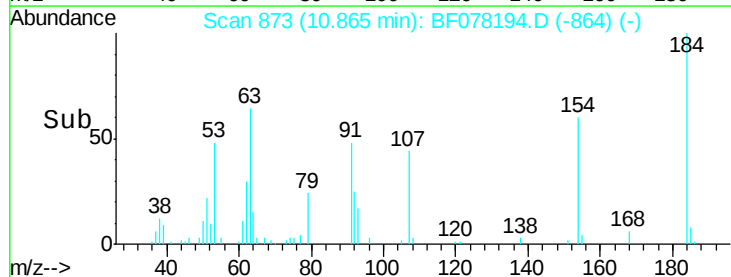
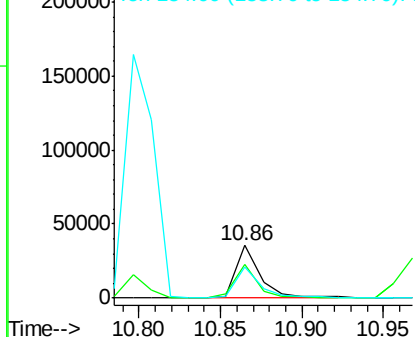


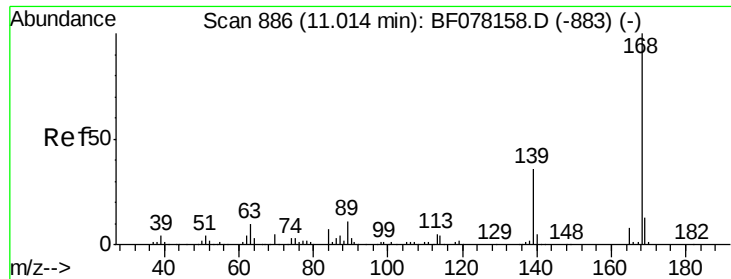
#53
2,4-Dinitrophenol
Concen: 77.48 ng
RT: 10.86 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF078194.D
Acq: 2 Apr 2015 12:15

Tgt Ion:184 Resp: 36040
Ion Ratio Lower Upper
184 100
63 63.8 51.9 77.9
154 60.4 51.0 76.4



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

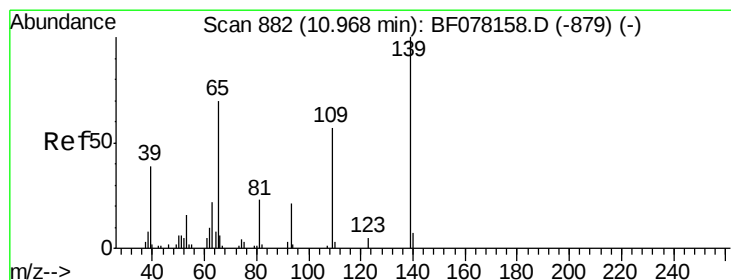
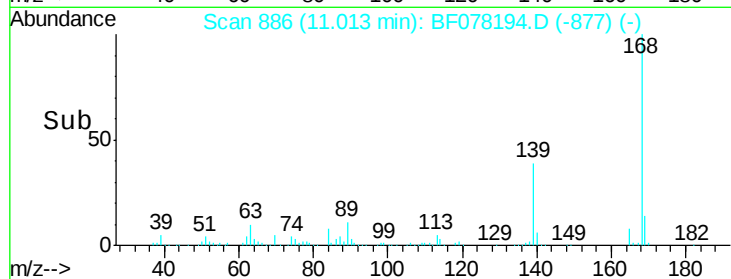
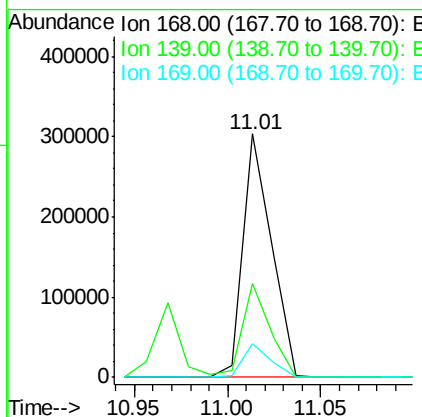
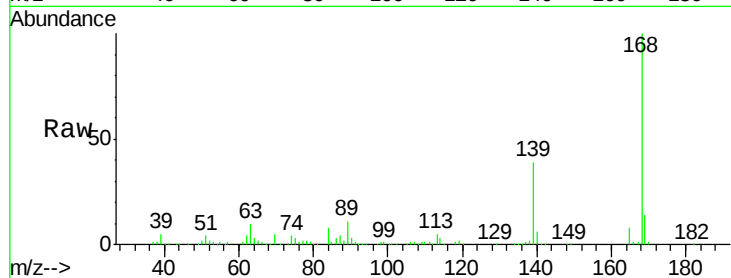




#54
Dibenzenofuran
Concen: 45.75 ng
RT: 11.01 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF078194.D
Acq: 2 Apr 2015 12:15

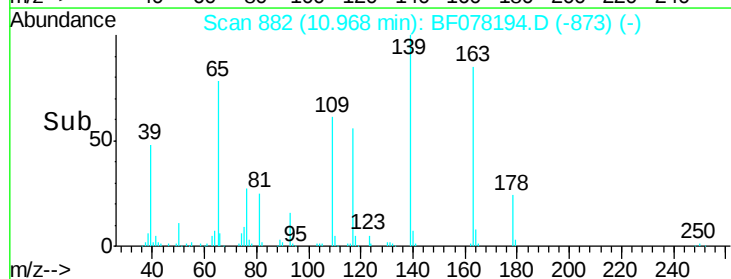
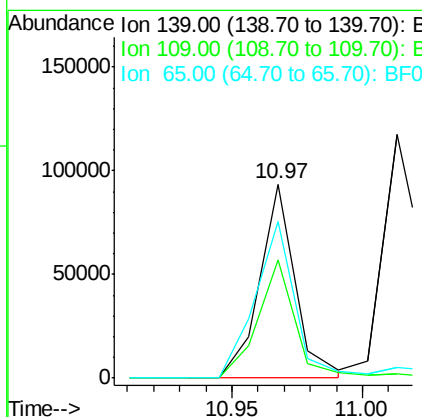
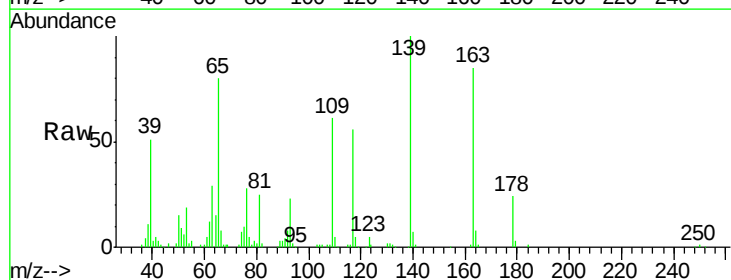
Instrument :
BNA_F
ClientSampleId :
PB82450BS

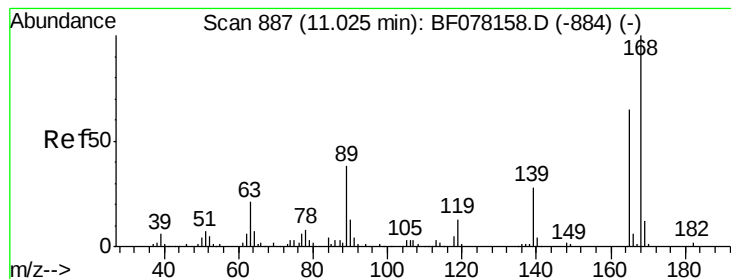
Tot Ion:168 Resp: 321403
Ion Ratio Lower Upper
168 100
139 38.7 31.0 46.4
169 13.7 10.7 16.1



#55
4-Nitrophenol
Concen: 87.84 ng
RT: 10.97 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF078194.D
Acq: 2 Apr 2015 12:15

Tgt Ion:139 Resp: 89655
Ion Ratio Lower Upper
139 100
109 60.9 36.7 76.7
65 80.3 49.9 89.9

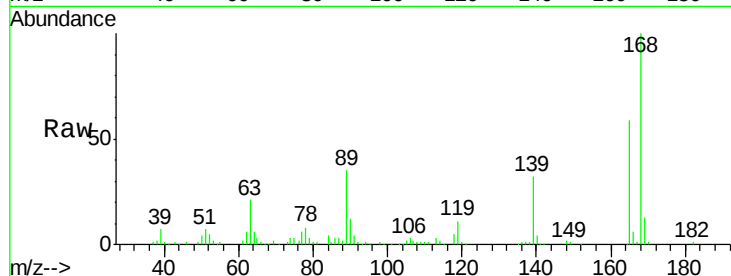




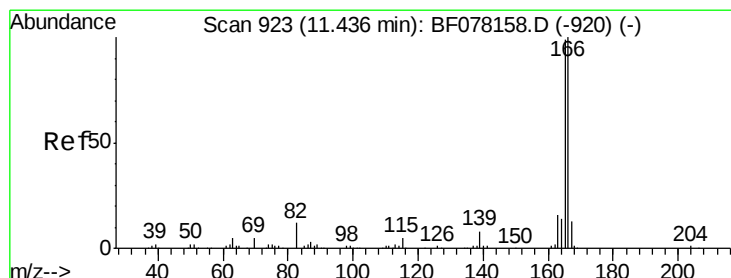
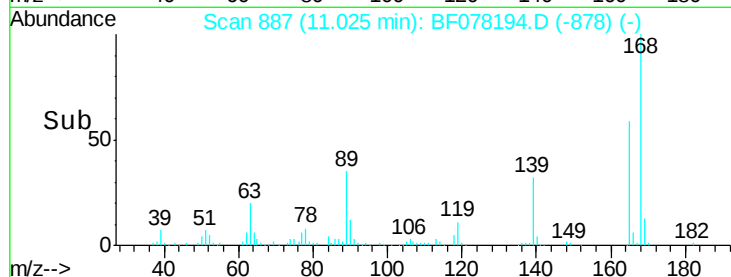
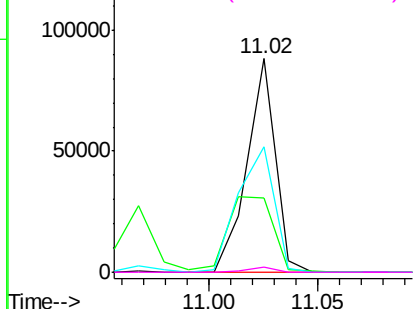
#56
2,4-Dinitrotoluene
Concen: 50.66 ng
RT: 11.02 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF078194.D
Acq: 2 Apr 2015 12:15

Instrument :
BNA_F
ClientSampleId :
PB82450BS

Tot Ion:165 Resp: 79727
Ion Ratio Lower Upper
165 100
63 34.6 26.5 39.7
89 58.7 46.4 69.6
182 2.2 2.0 3.0

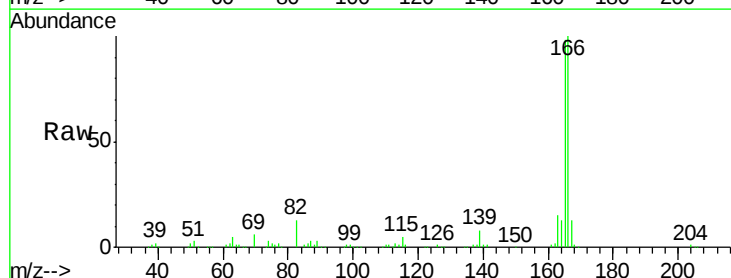


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

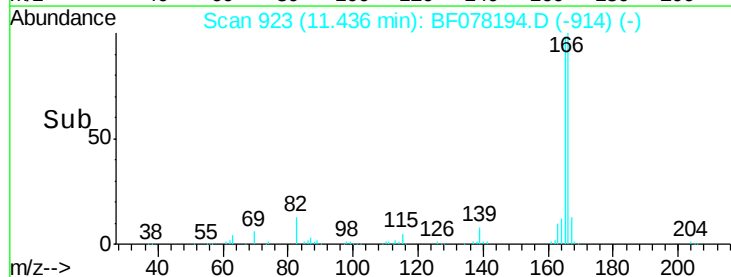
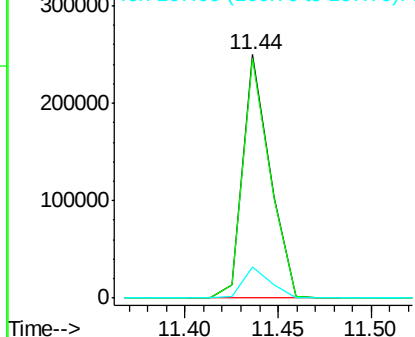


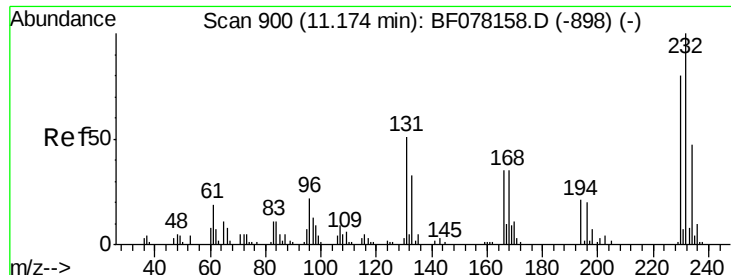
#57
Fluorene
Concen: 44.28 ng
RT: 11.44 min Scan# 923
Delta R.T. -0.00 min
Lab File: BF078194.D
Acq: 2 Apr 2015 12:15

Tgt Ion:166 Resp: 252197
Ion Ratio Lower Upper
166 100
165 98.4 78.9 118.3
167 13.0 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

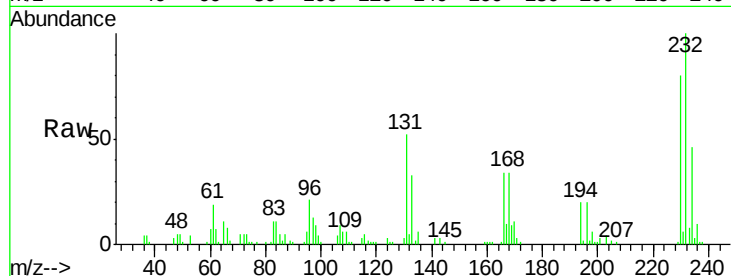




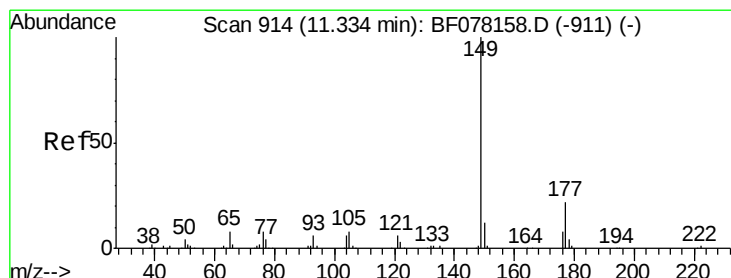
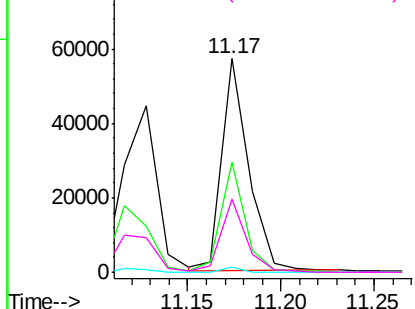
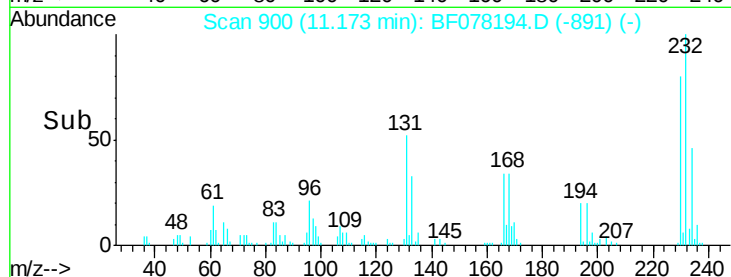
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.51 ng
 RT: 11.17 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BF078194.D
 Acq: 2 Apr 2015 12:15

Instrument :
 BNA_F
 ClientSampleId :
 PB82450BS

Tot Ion:232 Resp: 57718
 Ion Ratio Lower Upper
 232 100
 131 47.7 37.8 56.8
 130 1.8 1.5 2.3
 166 32.3 25.8 38.6

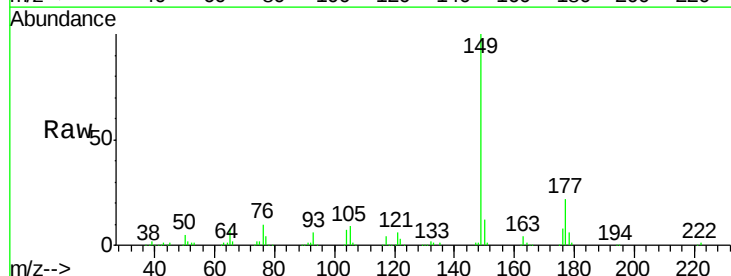


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

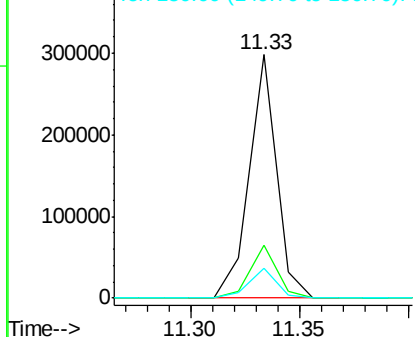
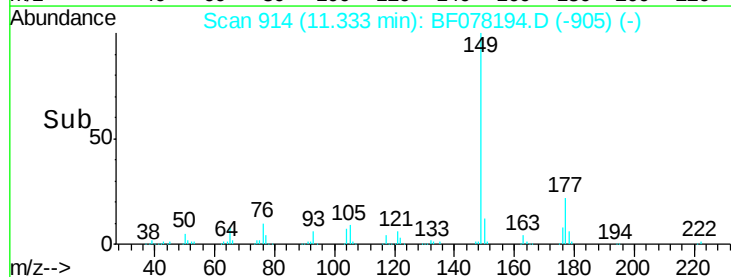


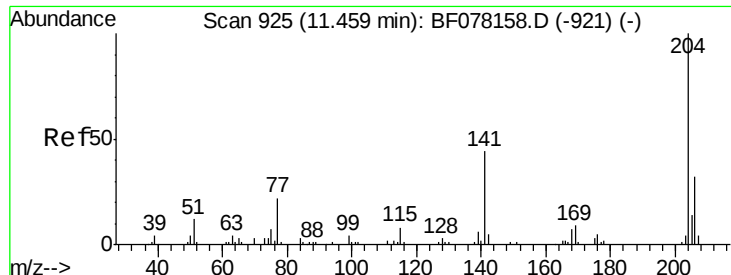
#59
 Diethylphthalate
 Concen: 45.75 ng
 RT: 11.33 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: BF078194.D
 Acq: 2 Apr 2015 12:15

Tgt Ion:149 Resp: 260545
 Ion Ratio Lower Upper
 149 100
 177 21.6 17.4 26.2
 150 12.1 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

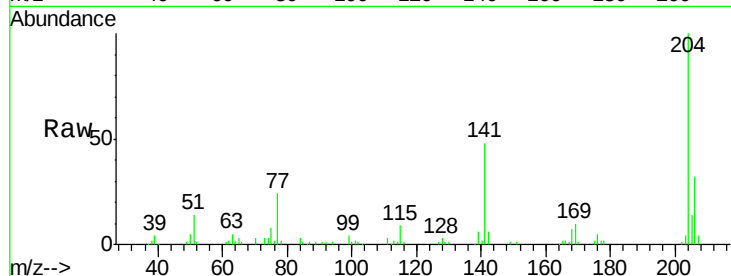




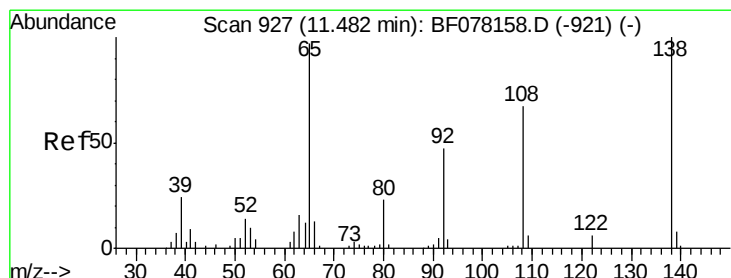
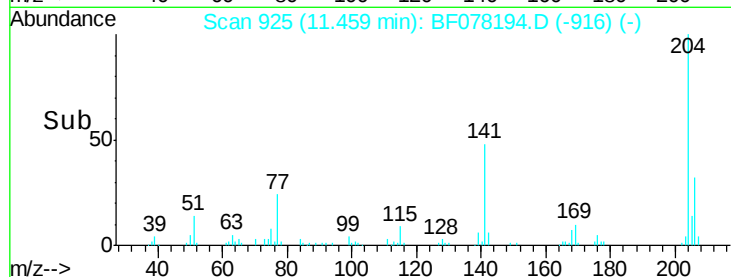
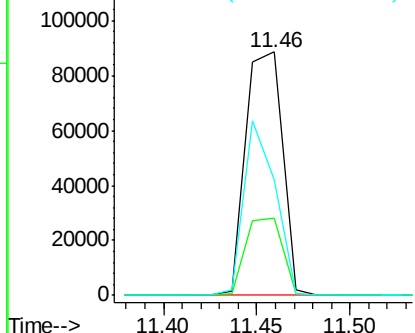
#60
 4-Chlorophenyl-phenylether
 Concen: 46.44 ng
 RT: 11.46 min Scan# 925
 Delta R.T. -0.00 min
 Lab File: BF078194.D
 Acq: 2 Apr 2015 12:15

Instrument :
 BNA_F
 ClientSampleId :
 PB82450BS

Tot Ion:204 Resp: 121672
 Ion Ratio Lower Upper
 204 100
 206 31.6 25.6 38.4
 141 47.5 35.4 53.0

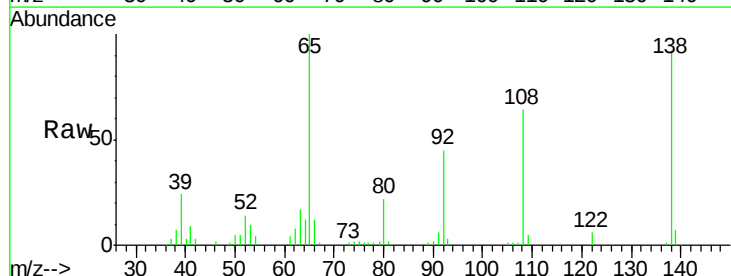


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

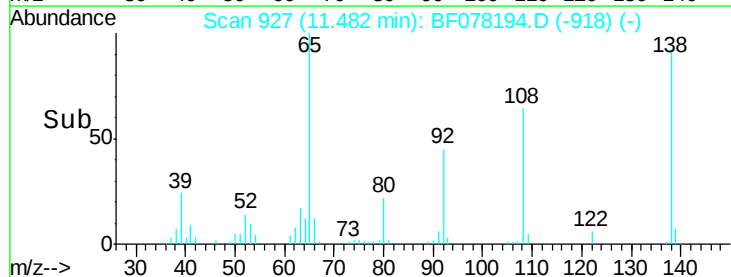
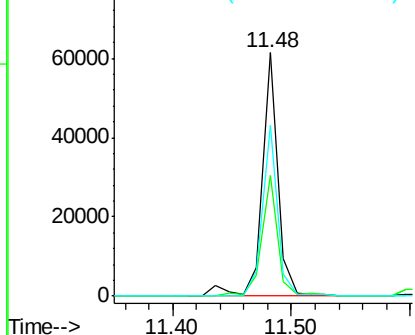


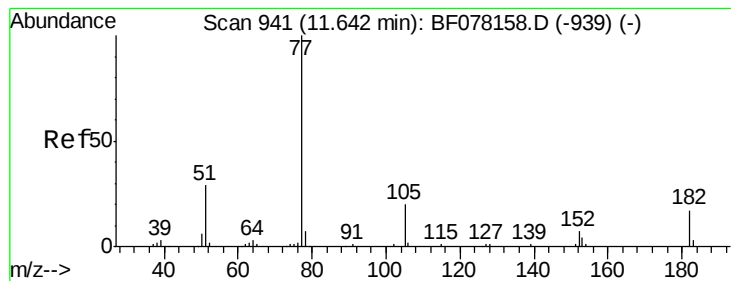
#61
 4-Nitroaniline
 Concen: 41.34 ng
 RT: 11.48 min Scan# 927
 Delta R.T. -0.00 min
 Lab File: BF078194.D
 Acq: 2 Apr 2015 12:15

Tgt Ion:138 Resp: 57744
 Ion Ratio Lower Upper
 138 100
 92 49.5 27.3 67.3
 108 70.2 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: 45.95 ng

RT: 11.64 min Scan# 941

Delta R.T. -0.00 min

Lab File: BF078194.D

Acq: 2 Apr 2015 12:15

Instrument :

BNA_F

ClientSampleId :

PB82450BS

Tot Ion: 77 Resp: 238821

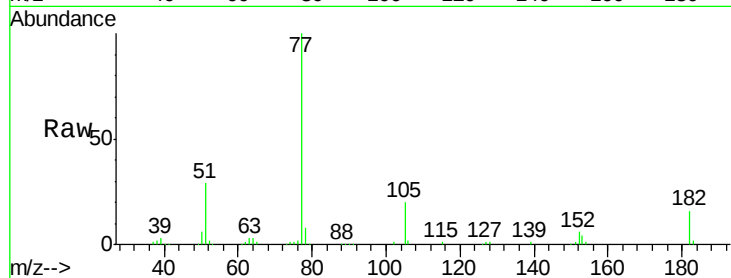
Ion Ratio Lower Upper

77 100

182 15.8 0.0 36.8

105 20.1 0.3 40.3

51 29.0 9.1 49.1

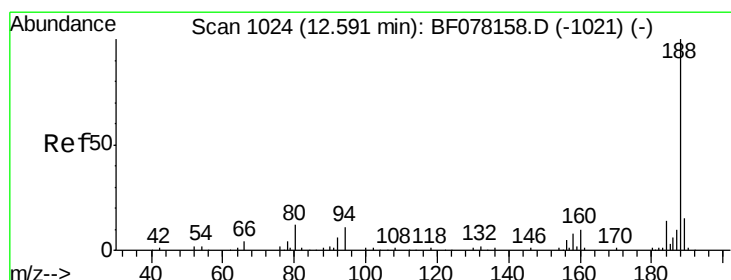
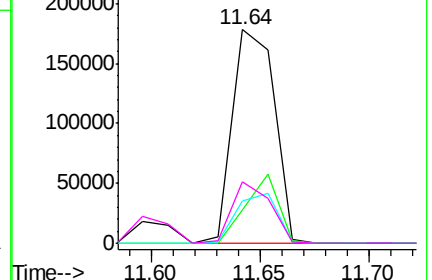
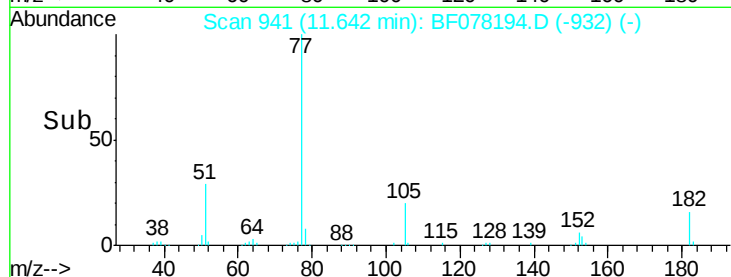


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF078194.D

Acq: 2 Apr 2015 12:15

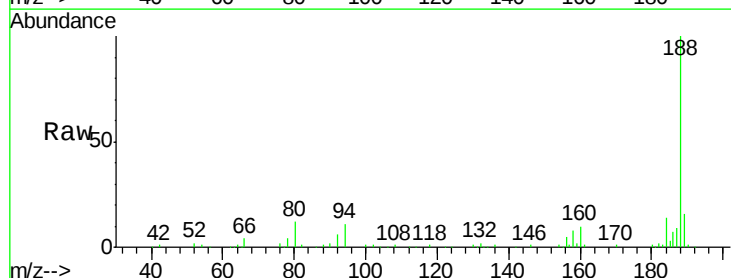
Tgt Ion: 188 Resp: 153011

Ion Ratio Lower Upper

188 100

94 10.8 9.0 13.4

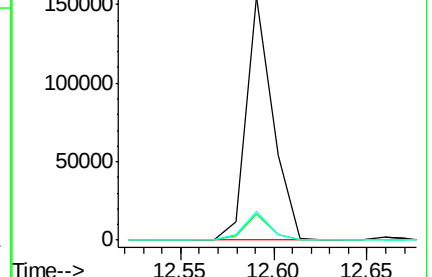
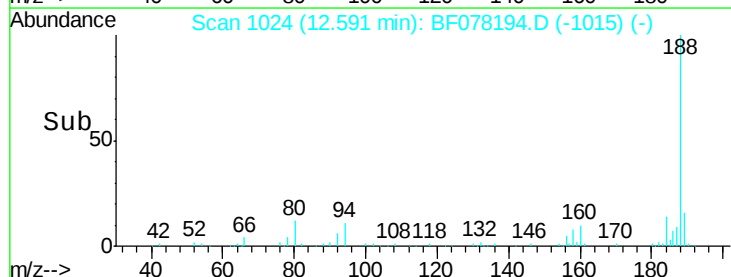
80 11.8 9.5 14.3

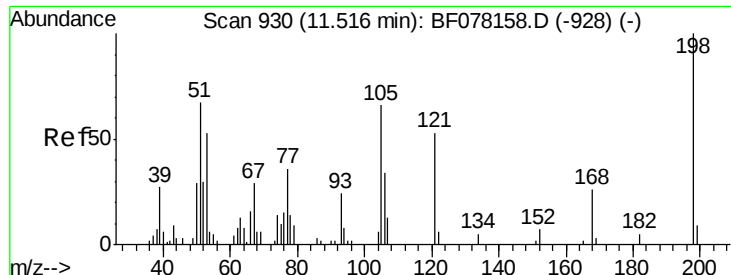


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

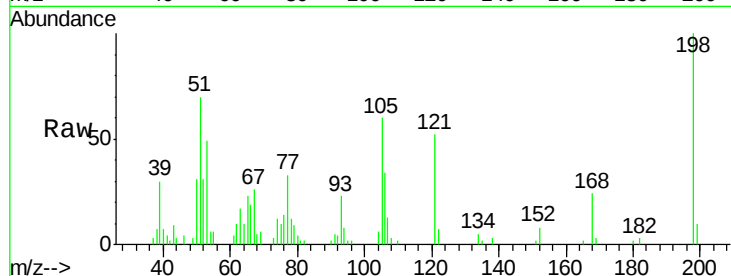




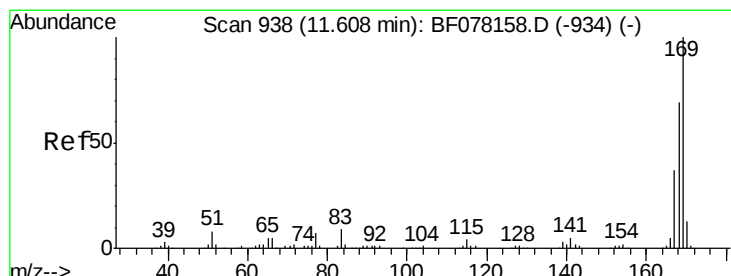
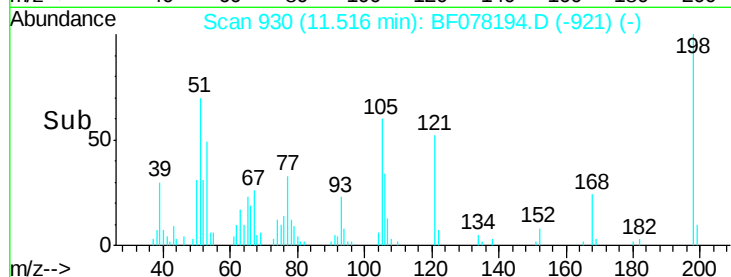
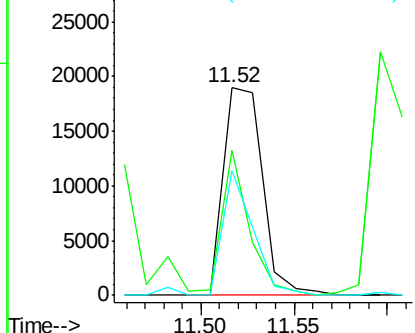
#64
 4,6-Dinitro-2-methylphenol
 Concen: 38.75 ng
 RT: 11.52 min Scan# 930
 Delta R.T. 0.00 min
 Lab File: BF078194.D
 Acq: 2 Apr 2015 12:15

Instrument :
 BNA_F
 ClientSampleId :
 PB82450BS

Tot Ion:198 Resp: 27910
 Ion Ratio Lower Upper
 198 100
 51 69.7 48.6 88.6
 105 60.2 45.8 85.8

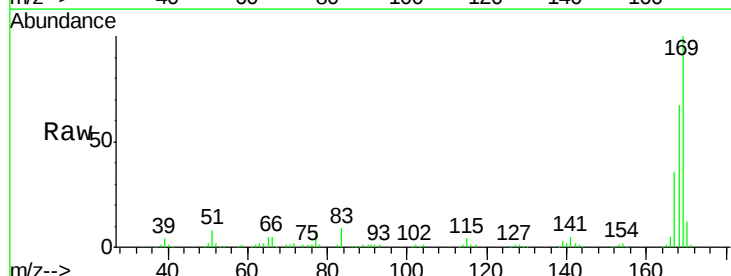


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

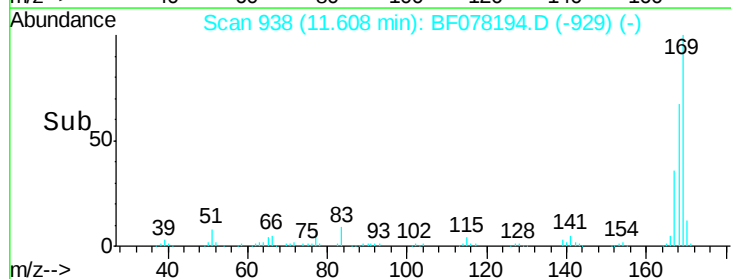
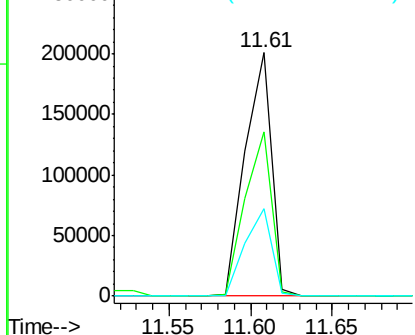


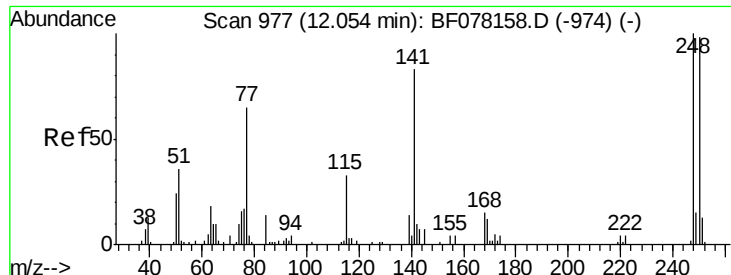
#65
 n-Nitrosodiphenylamine
 Concen: 42.49 ng
 RT: 11.61 min Scan# 938
 Delta R.T. -0.00 min
 Lab File: BF078194.D
 Acq: 2 Apr 2015 12:15

Tgt Ion:169 Resp: 224888
 Ion Ratio Lower Upper
 169 100
 168 67.2 55.0 82.4
 167 36.2 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

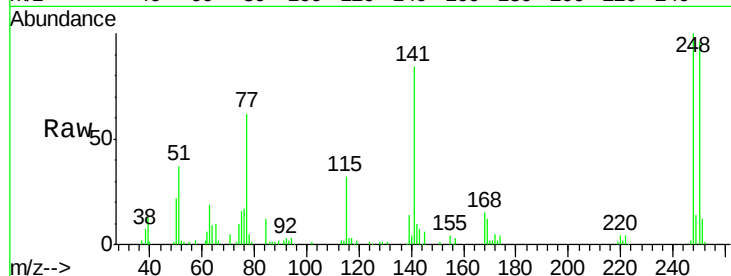




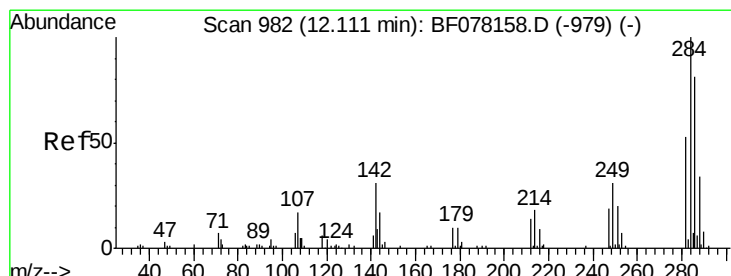
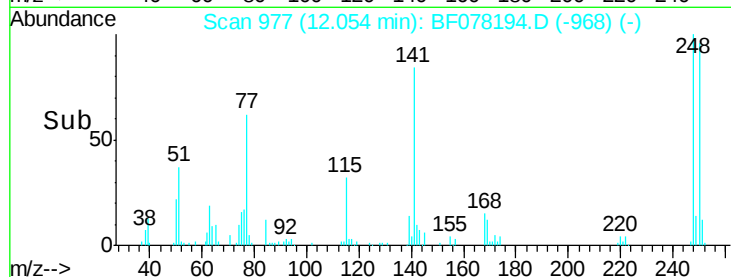
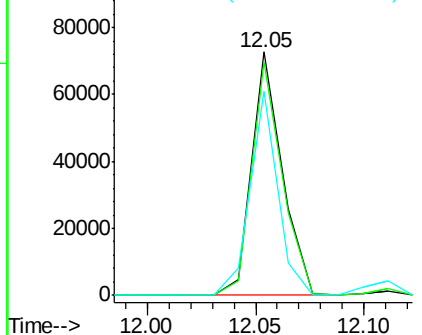
#66
4-Bromophenyl-phenylether
Concen: 43.72 ng
RT: 12.05 min Scan# 977
Delta R.T. -0.00 min
Lab File: BF078194.D
Acq: 2 Apr 2015 12:15

Instrument :
BNA_F
ClientSampleId :
PB82450BS

Tot Ion:248 Resp: 70853
Ion Ratio Lower Upper
248 100
250 96.0 78.2 117.2
141 83.7 66.4 99.6

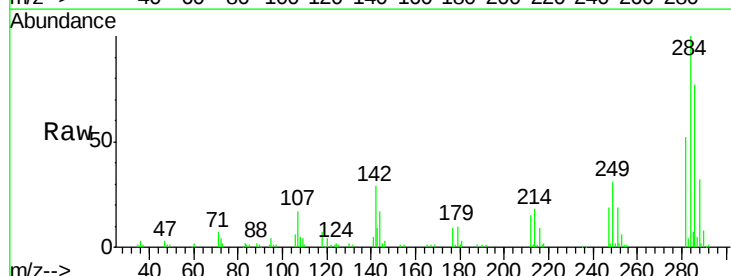


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

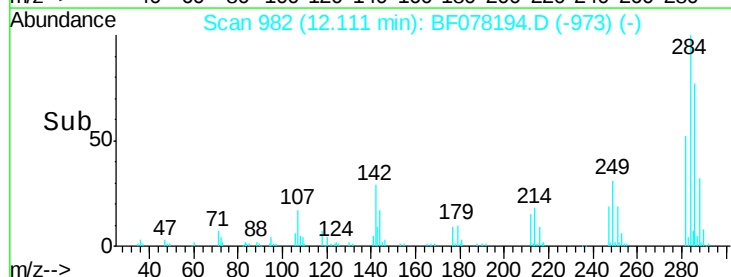
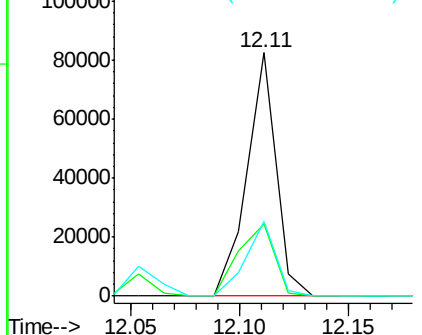


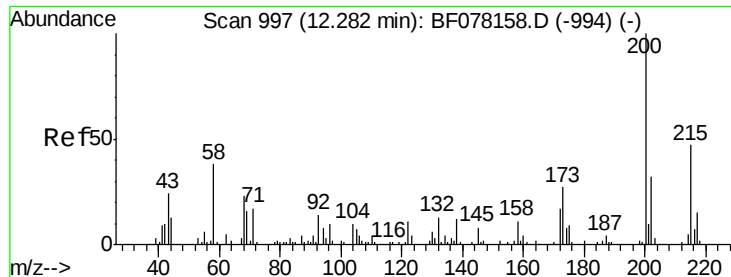
#67
Hexachlorobenzene
Concen: 43.26 ng
RT: 12.11 min Scan# 982
Delta R.T. -0.00 min
Lab File: BF078194.D
Acq: 2 Apr 2015 12:15

Tgt Ion:284 Resp: 76819
Ion Ratio Lower Upper
284 100
142 29.5 24.5 36.7
249 30.5 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: 44.89 ng

RT: 12.28 min Scan# 997

Delta R.T. -0.00 min

Lab File: BF078194.D

Acq: 2 Apr 2015 12:15

Instrument :

BNA_F

ClientSampleId :

PB82450BS

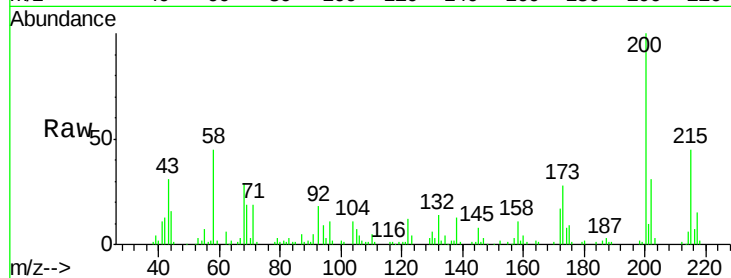
Tot Ion:200 Resp: 68823

Ion Ratio Lower Upper

200 100

173 27.7 6.9 46.9

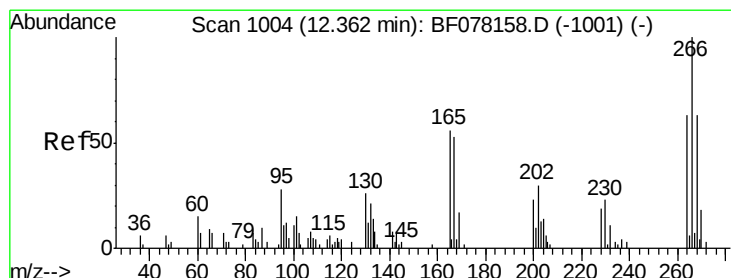
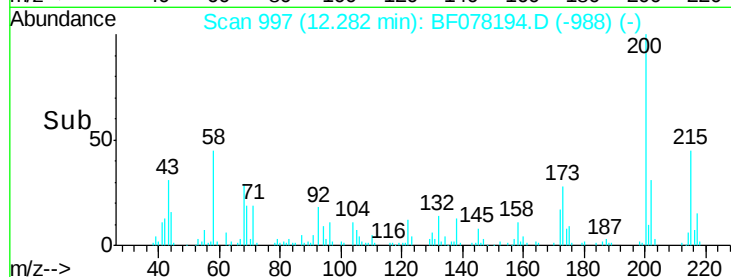
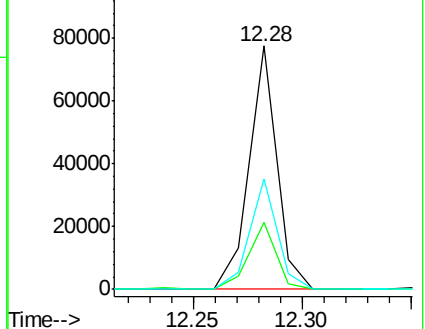
215 45.2 27.1 67.1



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: 83.52 ng

RT: 12.36 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BF078194.D

Acq: 2 Apr 2015 12:15

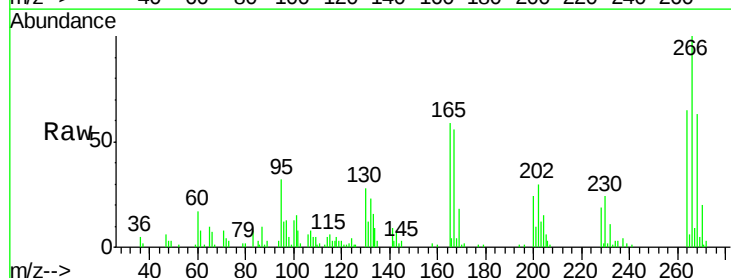
Tgt Ion:266 Resp: 66066

Ion Ratio Lower Upper

266 100

268 63.4 50.1 75.1

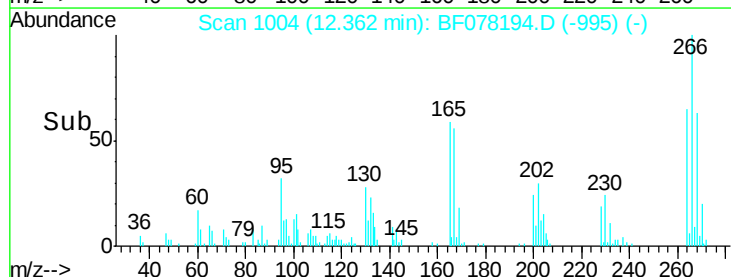
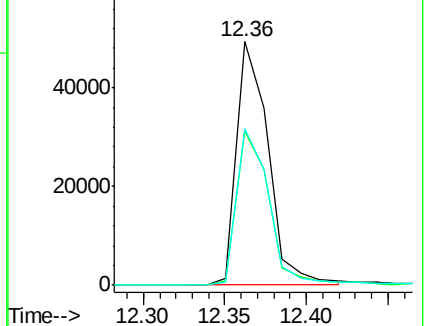
264 64.5 50.0 75.0

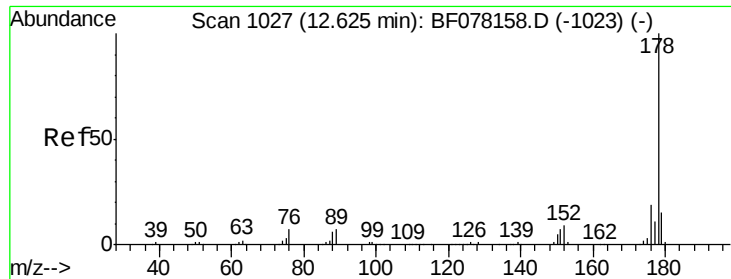


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

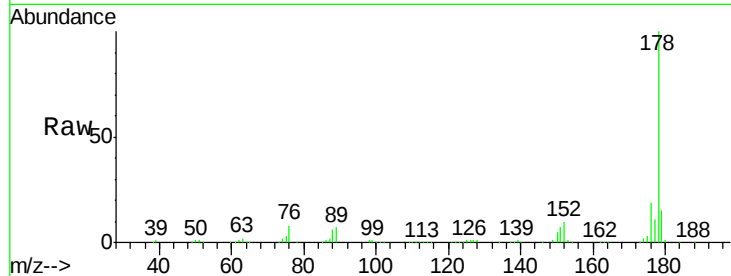




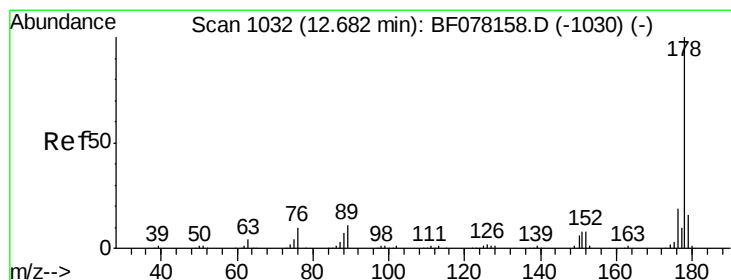
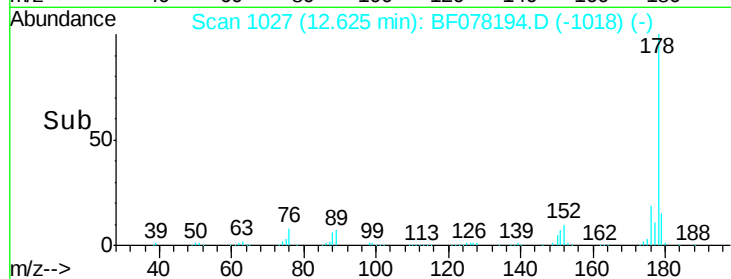
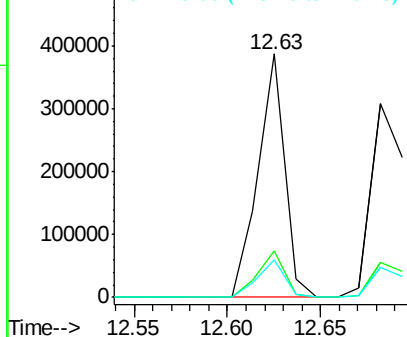
#70
Phenanthrene
Concen: 43.21 ng
RT: 12.63 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF078194.D
Acq: 2 Apr 2015 12:15

Instrument :
BNA_F
ClientSampleId :
PB82450BS

Tot Ion:178 Resp: 382460
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.3 12.2 18.2

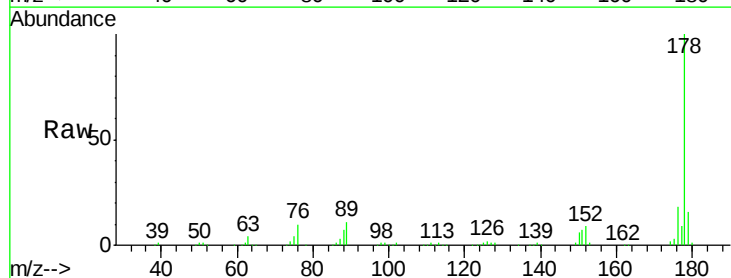


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

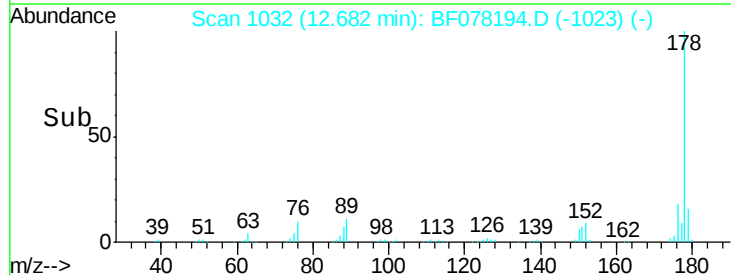
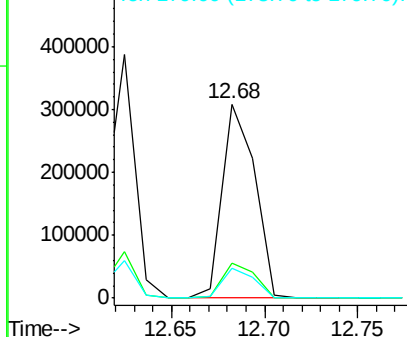


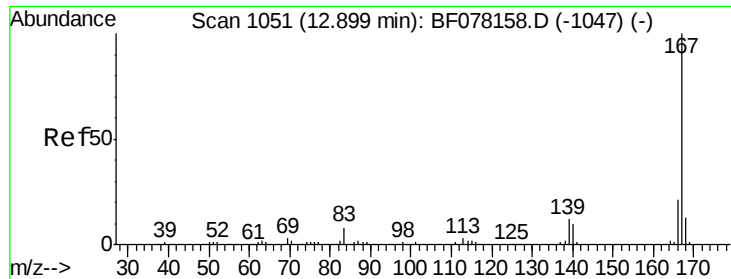
#71
Anthracene
Concen: 43.28 ng
RT: 12.68 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF078194.D
Acq: 2 Apr 2015 12:15

Tgt Ion:178 Resp: 377475
Ion Ratio Lower Upper
178 100
176 18.3 14.8 22.2
179 15.5 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

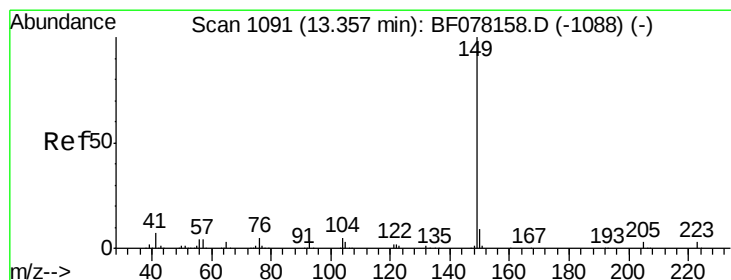
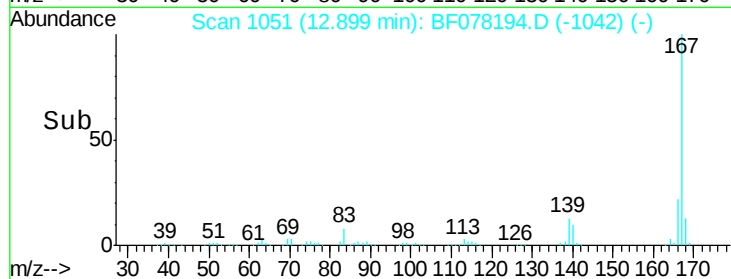
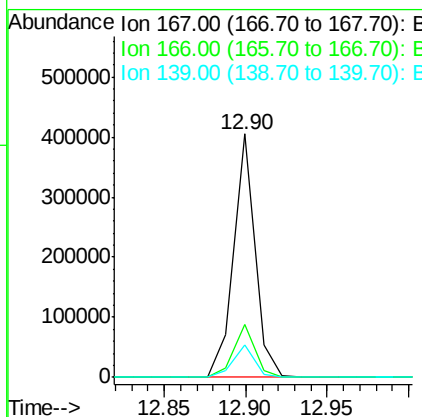
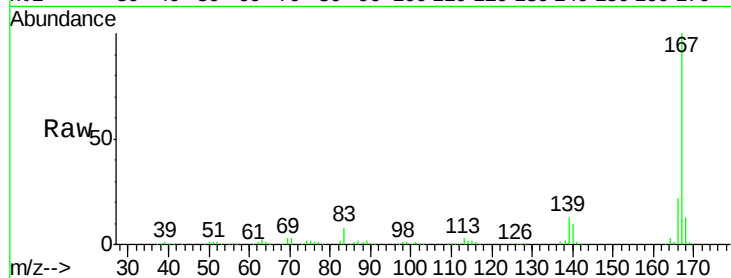




#72
 Carbazole
 Concen: 44.77 ng
 RT: 12.90 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: BF078194.D
 Acq: 2 Apr 2015 12:15

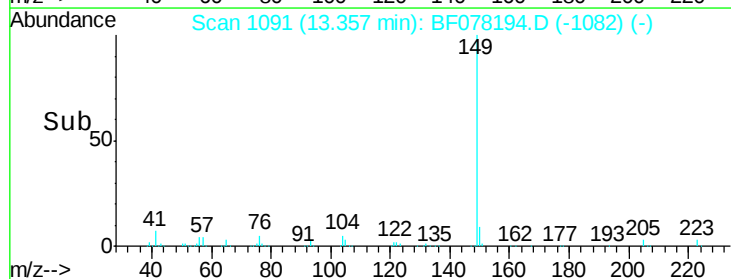
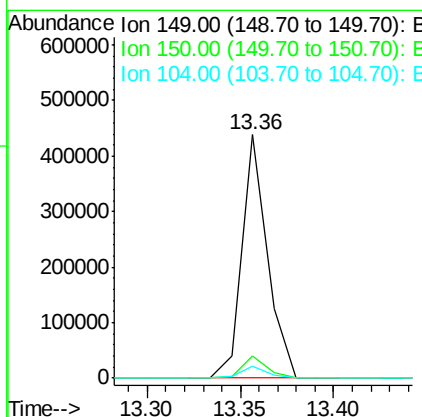
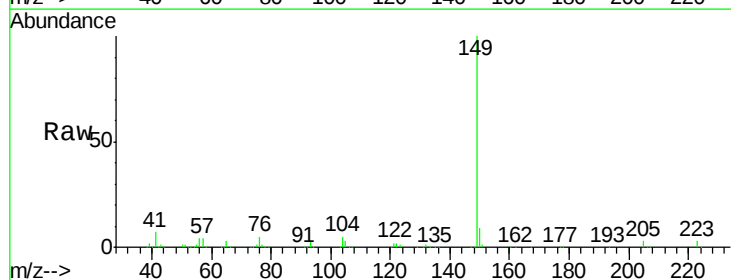
Instrument :
 BNA_F
 ClientSampleId :
 PB82450BS

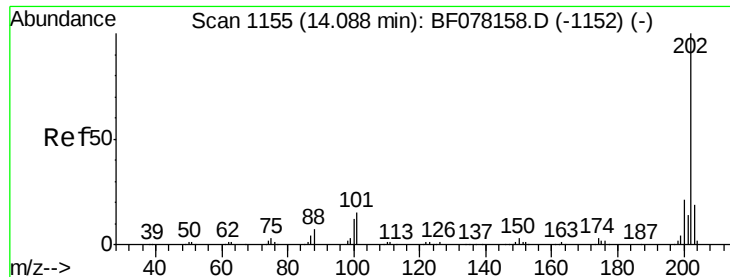
Tot Ion:167 Resp: 365939
 Ion Ratio Lower Upper
 167 100
 166 21.7 16.8 25.2
 139 13.1 10.0 15.0



#73
 Di-n-butylphthalate
 Concen: 44.80 ng
 RT: 13.36 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: BF078194.D
 Acq: 2 Apr 2015 12:15

Tgt Ion:149 Resp: 414827
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.1 10.7
 104 4.7 3.8 5.6

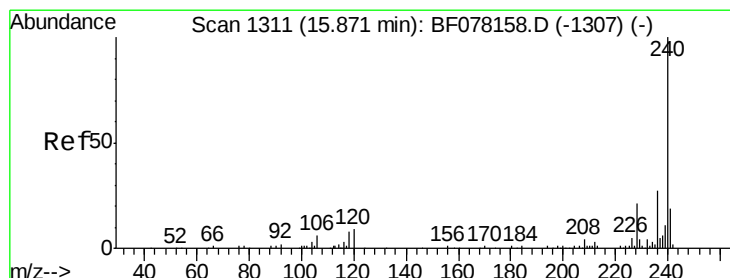
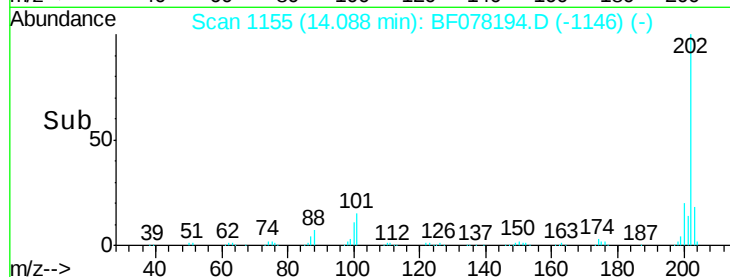
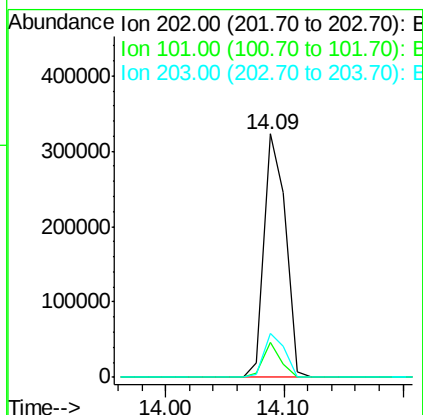
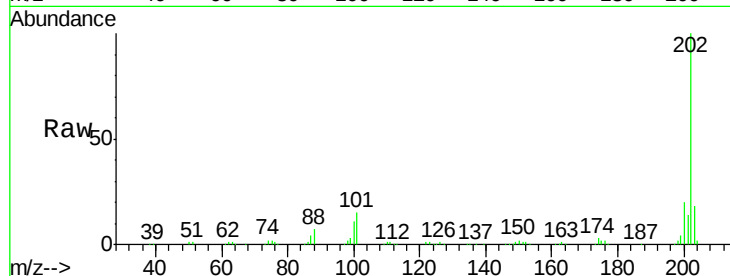




#74
 Fluoranthene
 Concen: 43.91 ng
 RT: 14.09 min Scan# 1155
 Delta R.T. -0.00 min
 Lab File: BF078194.D
 Acq: 2 Apr 2015 12:15

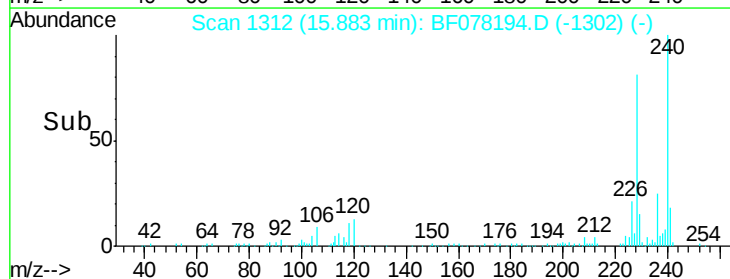
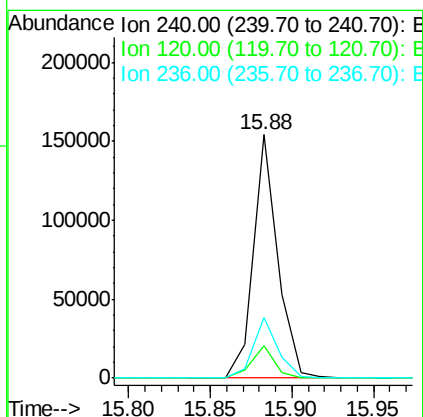
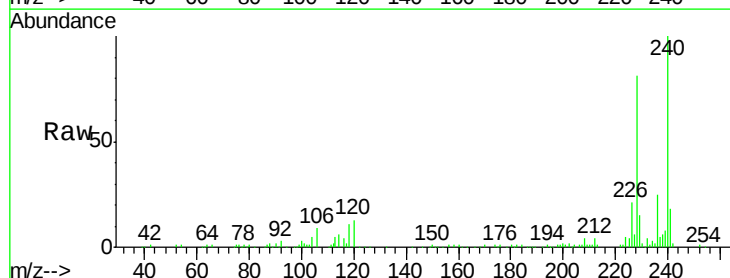
Instrument :
 BNA_F
 ClientSampleId :
 PB82450BS

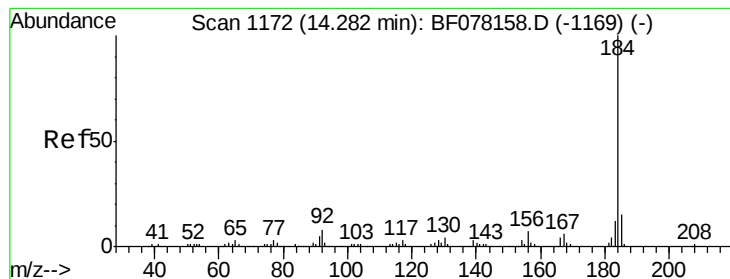
Tot Ion	Ratio	Lower	Upper
202	100		
101	14.5	0.0	35.2
203	17.9	0.0	38.5



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.88 min Scan# 1312
 Delta R.T. 0.01 min
 Lab File: BF078194.D
 Acq: 2 Apr 2015 12:15

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.3	7.1	10.7#
236	24.7	21.4	32.2





#76

Benzidine

Concen: 25.09 ng

RT: 14.28 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BF078194.D

Acq: 2 Apr 2015 12:15

Instrument :

BNA_F

ClientSampleId :

PB82450BS

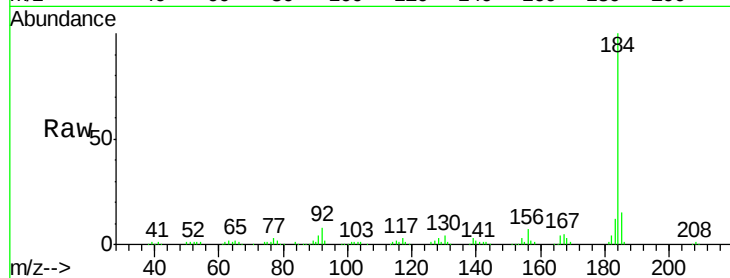
Tot Ion:184 Resp: 159639

Ion Ratio Lower Upper

184 100

185 14.7 12.2 18.2

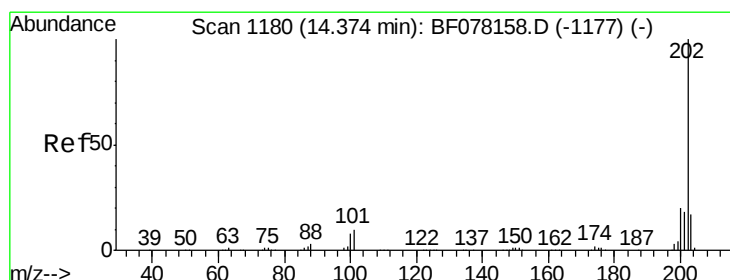
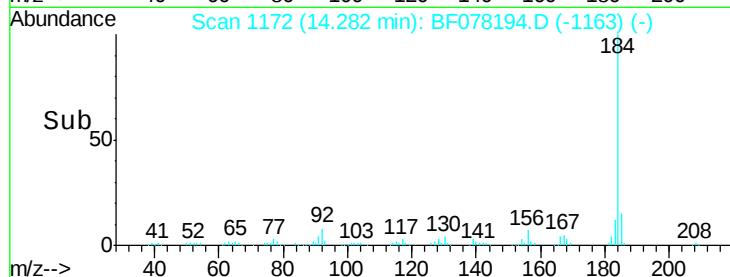
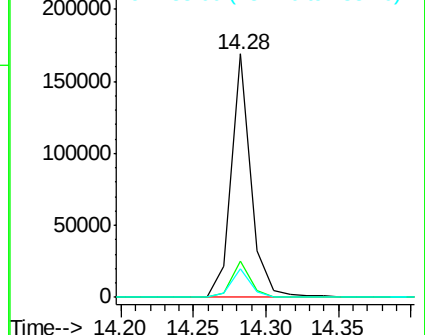
183 11.8 9.5 14.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 42.40 ng

RT: 14.37 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BF078194.D

Acq: 2 Apr 2015 12:15

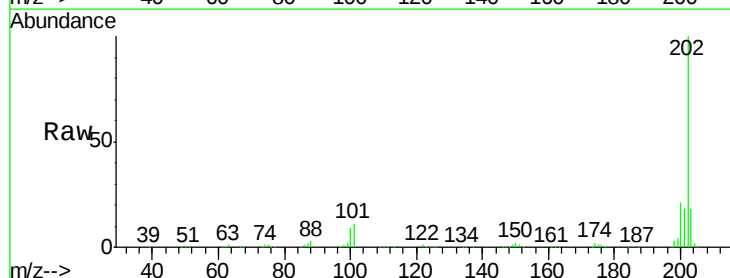
Tgt Ion:202 Resp: 428360

Ion Ratio Lower Upper

202 100

200 20.9 16.3 24.5

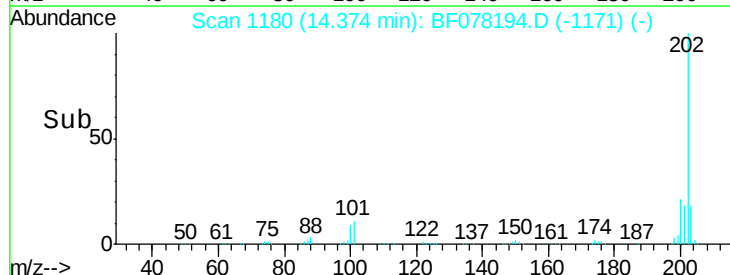
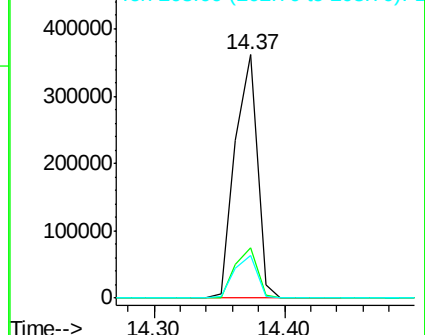
203 17.7 13.8 20.6

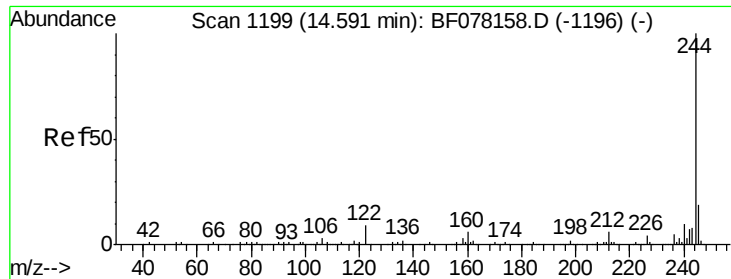


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 76.91 ng

RT: 14.59 min Scan# 1199

Delta R.T. -0.00 min

Lab File: BF078194.D

Acq: 2 Apr 2015 12:15

Instrument :

BNA_F

ClientSampleId :

PB82450BS

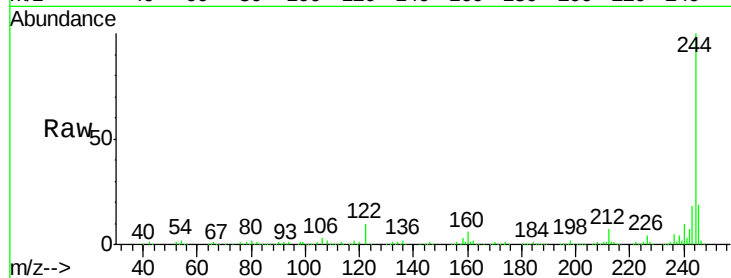
Tot Ion:244 Resp: 547741

Ion Ratio Lower Upper

244 100

212 6.5 5.0 7.4

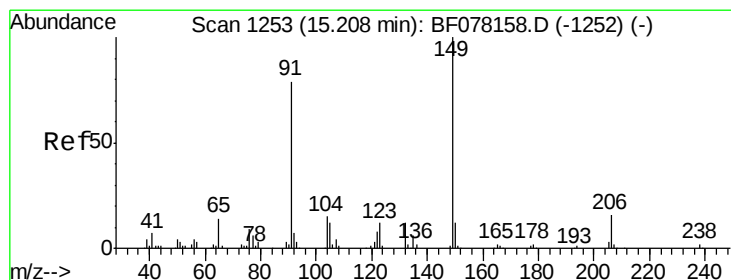
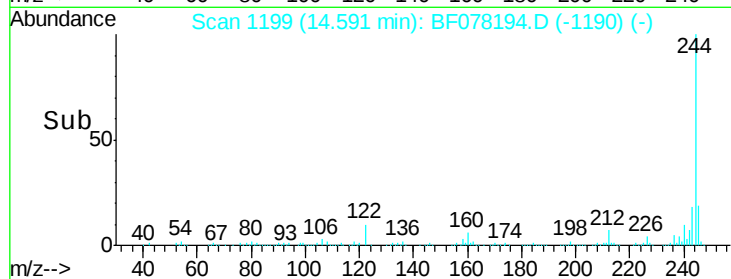
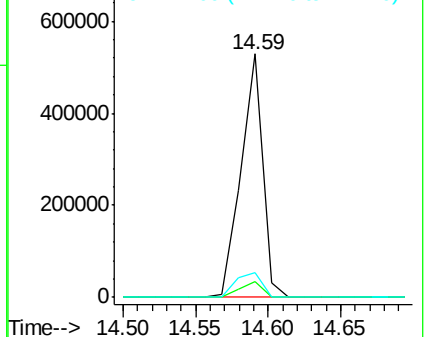
122 10.0 7.1 10.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 48.92 ng

RT: 15.22 min Scan# 1254

Delta R.T. 0.01 min

Lab File: BF078194.D

Acq: 2 Apr 2015 12:15

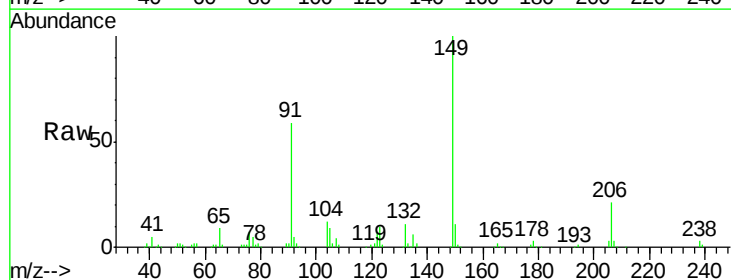
Tgt Ion:149 Resp: 188378

Ion Ratio Lower Upper

149 100

91 58.6 64.2 96.2#

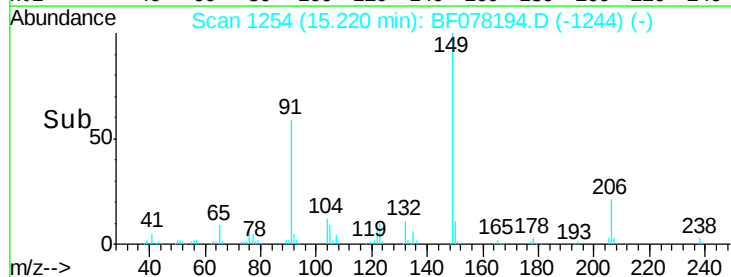
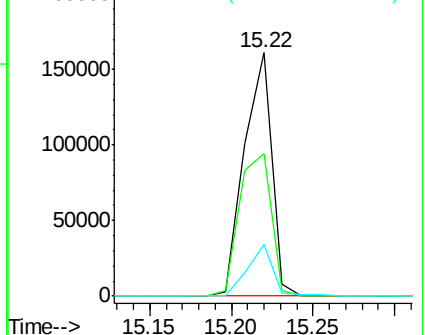
206 21.1 12.6 18.8#

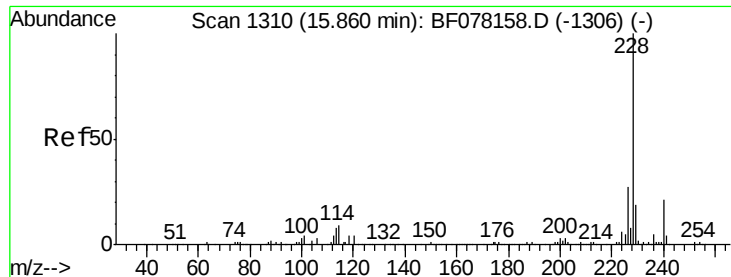


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

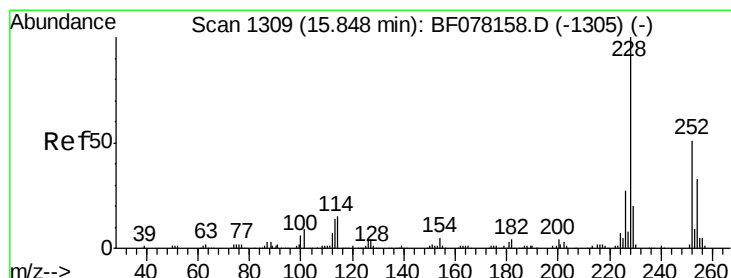
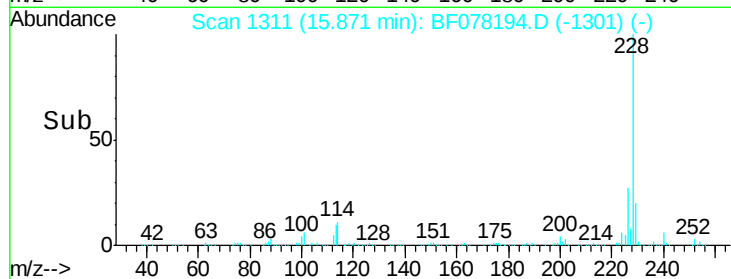
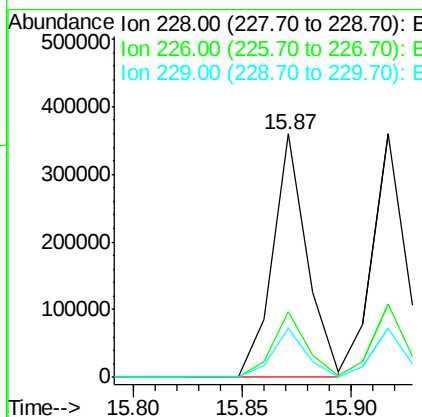
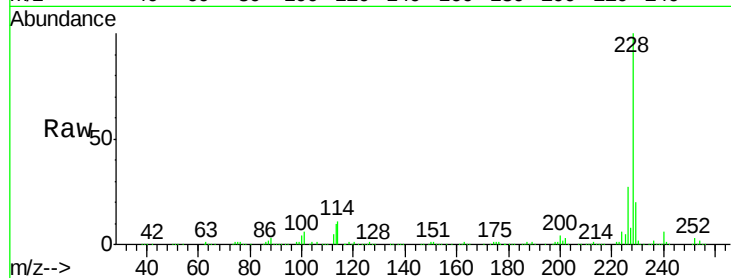




#80
Benzo(a)anthracene
Concen: 41.55 ng
RT: 15.87 min Scan# 1311
Delta R.T. 0.01 min
Lab File: BF078194.D
Acq: 2 Apr 2015 12:15

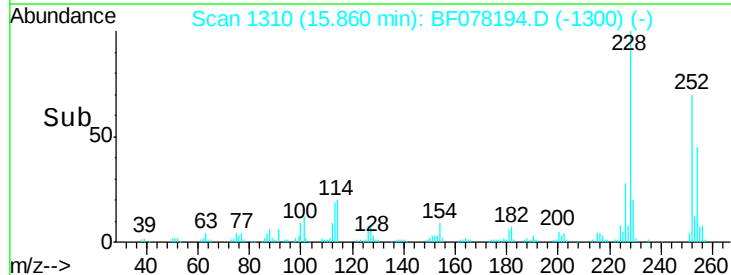
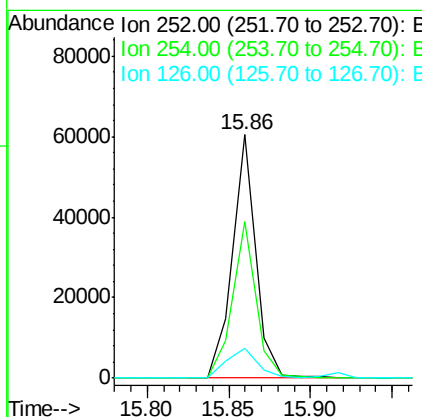
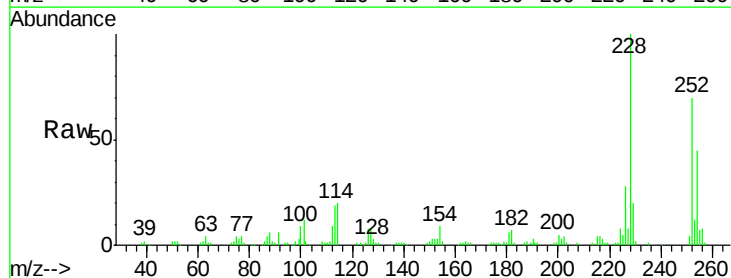
Instrument :
BNA_F
ClientSampleId :
PB82450BS

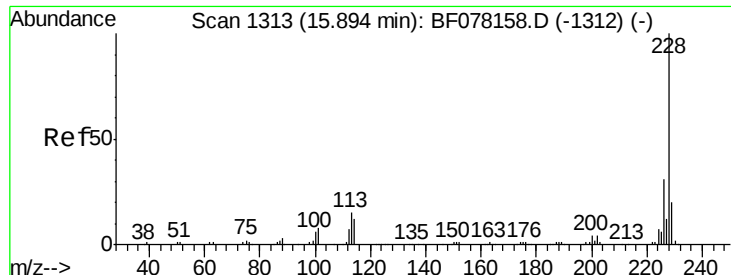
Tot Ion:228 Resp: 397879
Ion Ratio Lower Upper
228 100
226 27.0 21.3 31.9
229 19.9 15.4 23.2



#81
3,3'-Dichlorobenzidine
Concen: 18.57 ng
RT: 15.86 min Scan# 1310
Delta R.T. 0.01 min
Lab File: BF078194.D
Acq: 2 Apr 2015 12:15

Tgt Ion:252 Resp: 59539
Ion Ratio Lower Upper
252 100
254 64.2 51.2 76.8
126 12.1 6.3 9.5#

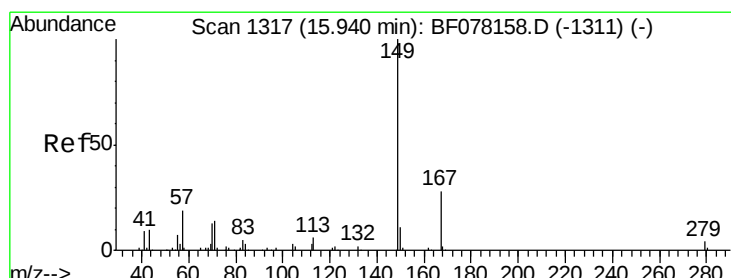
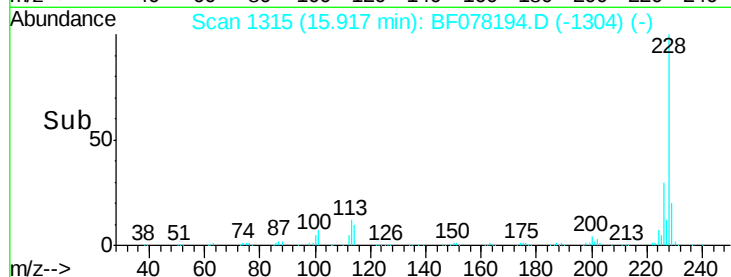
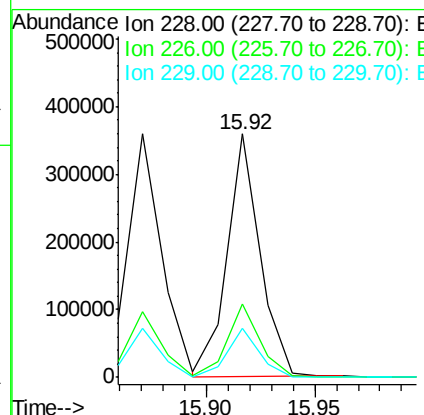
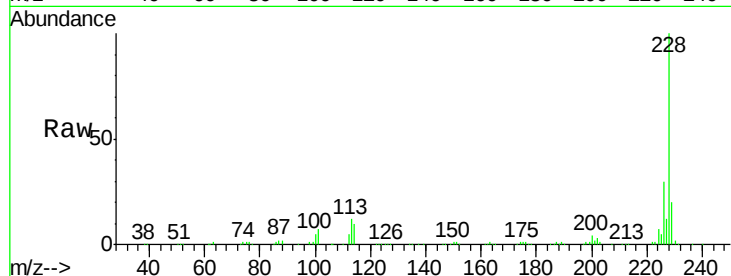




#82
Chrysene
Concen: 41.64 ng
RT: 15.92 min Scan# 1315
Delta R.T. 0.02 min
Lab File: BF078194.D
Acq: 2 Apr 2015 12:15

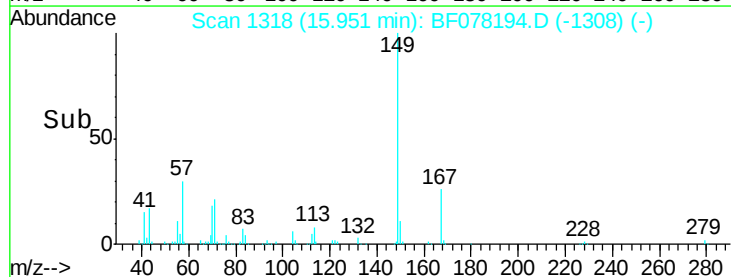
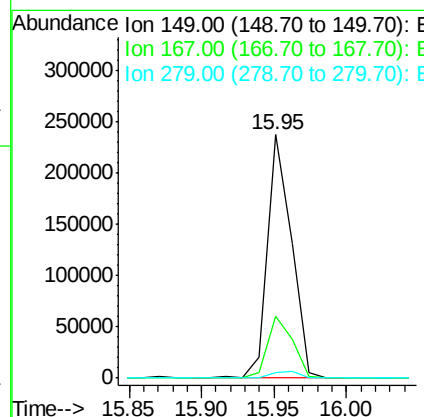
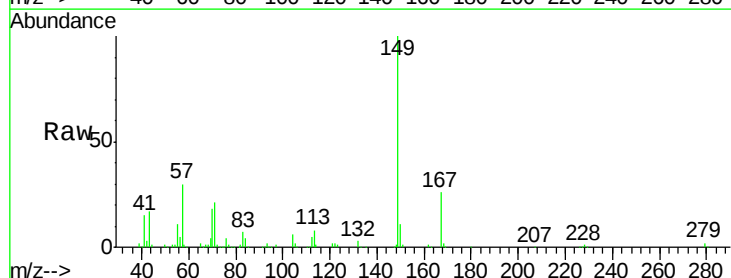
Instrument :
BNA_F
ClientSampleId :
PB82450BS

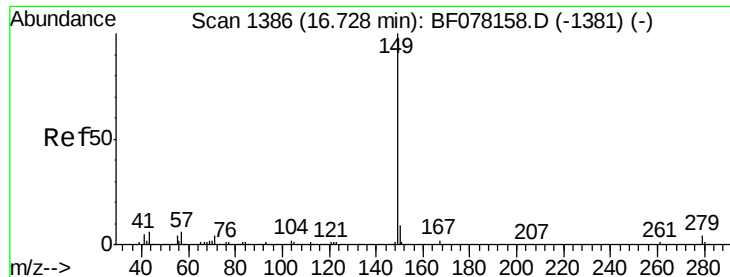
Tot Ion:228 Resp: 374647
Ion Ratio Lower Upper
228 100
226 30.3 24.2 36.4
229 20.1 15.8 23.8



#83
Bis(2-ethylhexyl)phthalate
Concen: 45.27 ng
RT: 15.95 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BF078194.D
Acq: 2 Apr 2015 12:15

Tgt Ion:149 Resp: 273367
Ion Ratio Lower Upper
149 100
167 25.6 22.2 33.2
279 2.2 3.2 4.8#

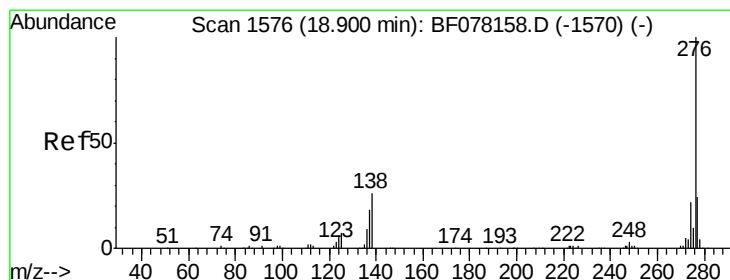
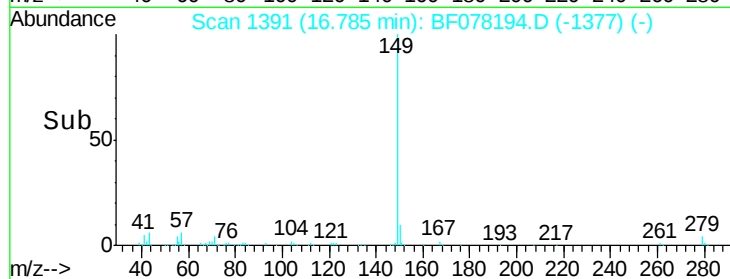
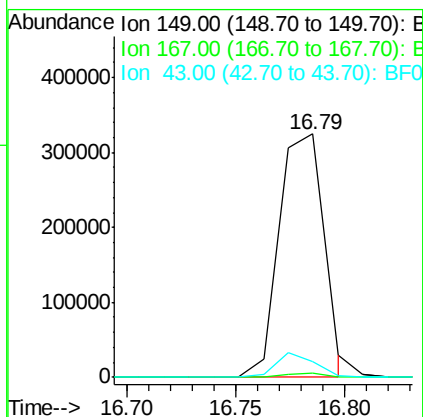
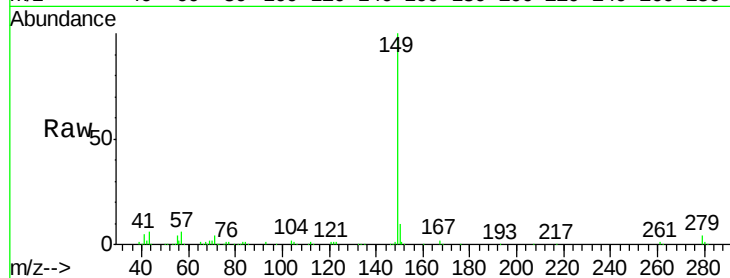




#84
Di-n-octyl phthalate
Concen: 47.34 ng
RT: 16.79 min Scan# 1391
Delta R.T. 0.06 min
Lab File: BF078194.D
Acq: 2 Apr 2015 12:15

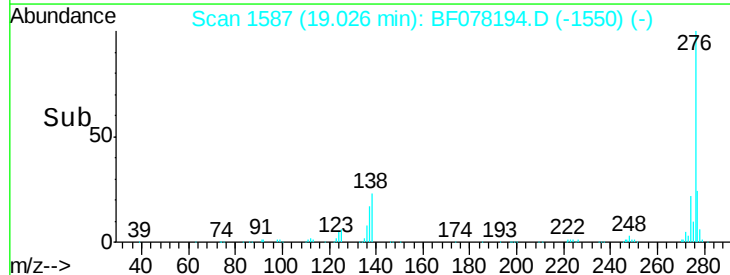
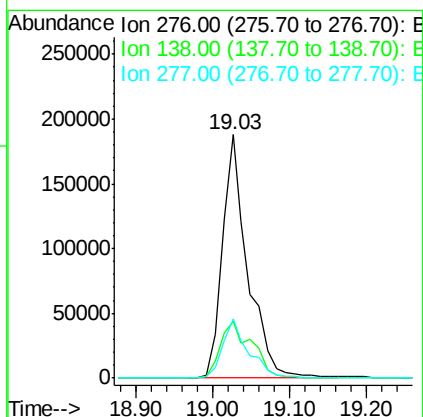
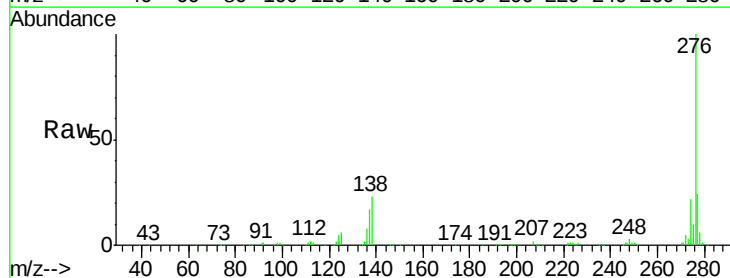
Instrument :
BNA_F
ClientSampleId :
PB82450BS

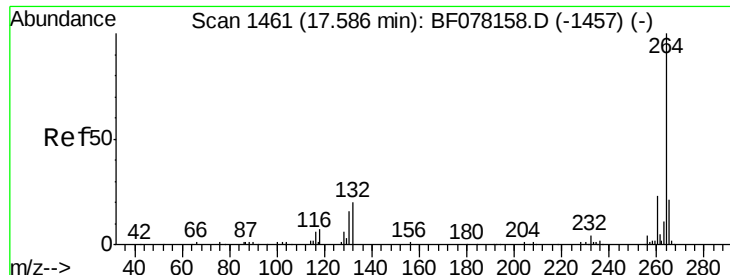
Tot Ion:149 Resp: 469468
Ion Ratio Lower Upper
149 100
167 1.6 0.0 0.0#
43 9.0 0.0 0.0#



#85
Indeno(1,2,3-cd)pyrene
Concen: 42.46 ng
RT: 19.03 min Scan# 1587
Delta R.T. 0.13 min
Lab File: BF078194.D
Acq: 2 Apr 2015 12:15

Tgt Ion:276 Resp: 433436
Ion Ratio Lower Upper
276 100
138 29.6 16.9 25.3#
277 25.1 15.8 23.6#

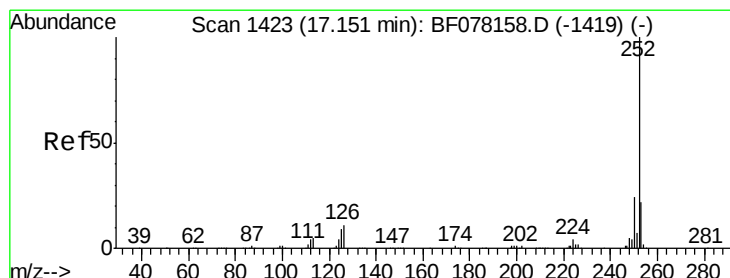
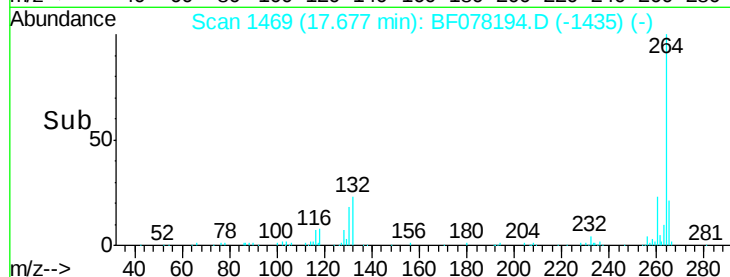
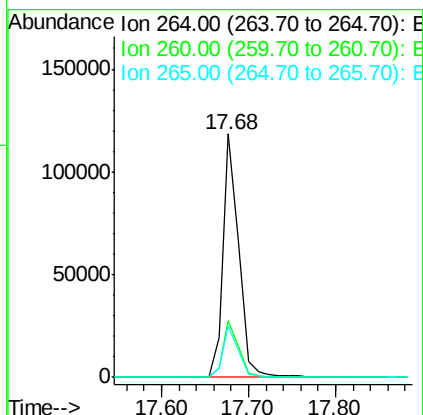
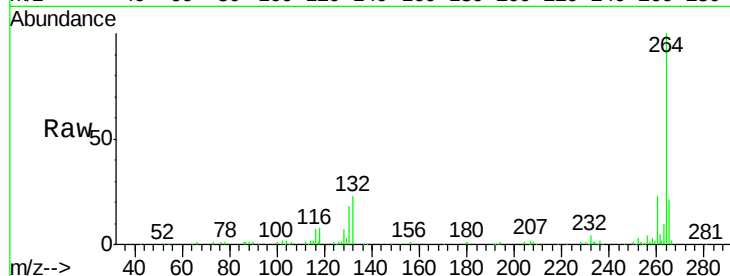




#86
Pervlene-d12
Concen: 20.00 ng
RT: 17.68 min Scan# 1469
Delta R.T. 0.09 min
Lab File: BF078194.D
Acq: 2 Apr 2015 12:15

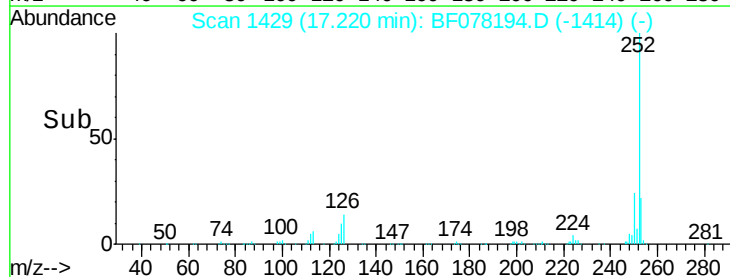
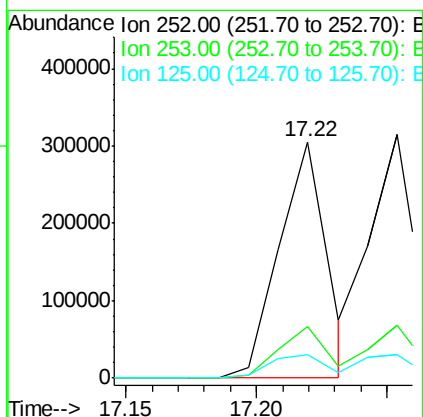
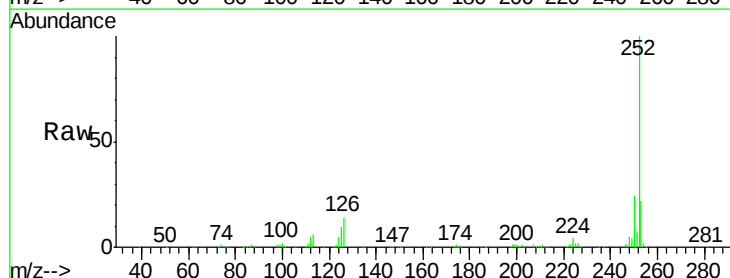
Instrument :
BNA_F
ClientSampleId :
PB82450BS

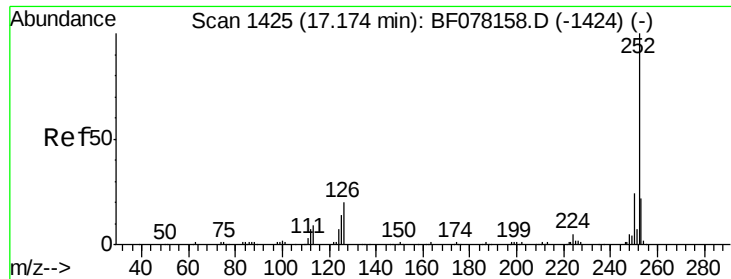
Tot Ion:264 Resp: 150222
Ion Ratio Lower Upper
264 100
260 23.1 18.6 27.8
265 21.5 17.0 25.6



#87
Benzo(b)fluoranthene
Concen: 41.36 ng
RT: 17.22 min Scan# 1429
Delta R.T. 0.07 min
Lab File: BF078194.D
Acq: 2 Apr 2015 12:15

Tgt Ion:252 Resp: 383970
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 10.1 7.0 10.4

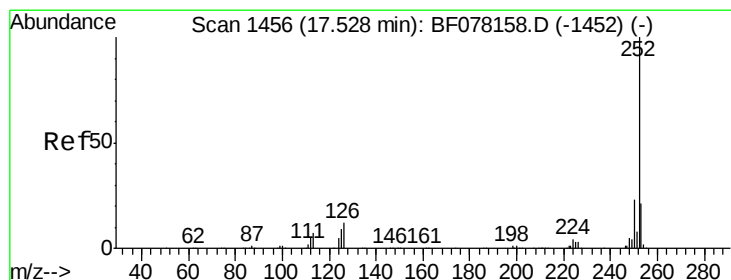
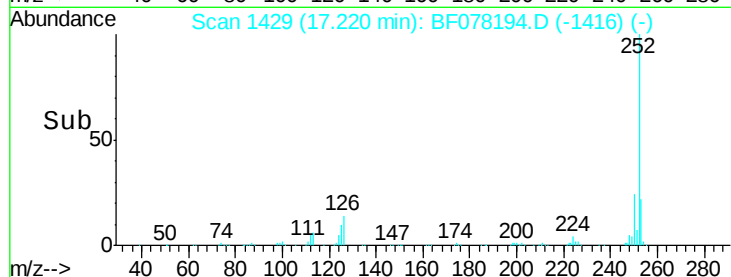
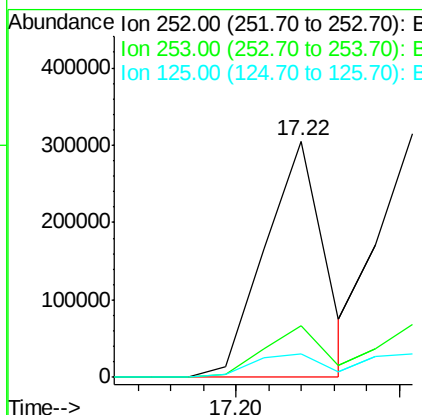
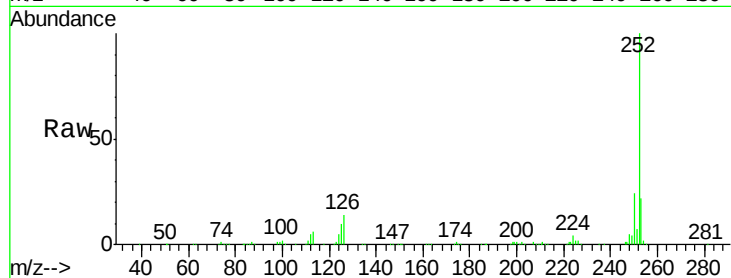




#88
Benzo(k)fluoranthene
Concen: 46.54 ng
RT: 17.22 min Scan# 1429
Delta R.T. 0.05 min
Lab File: BF078194.D
Acq: 2 Apr 2015 12:15

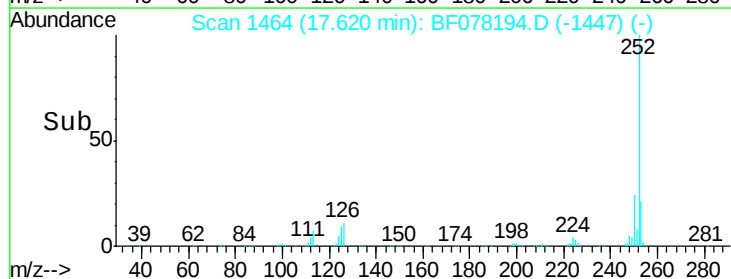
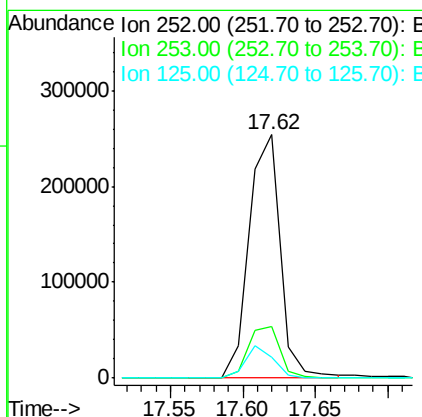
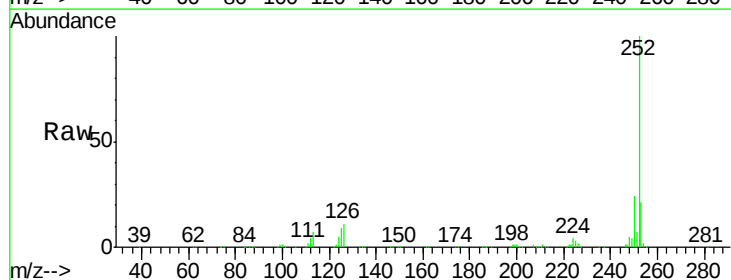
Instrument :
BNA_F
ClientSampleId :
PB82450BS

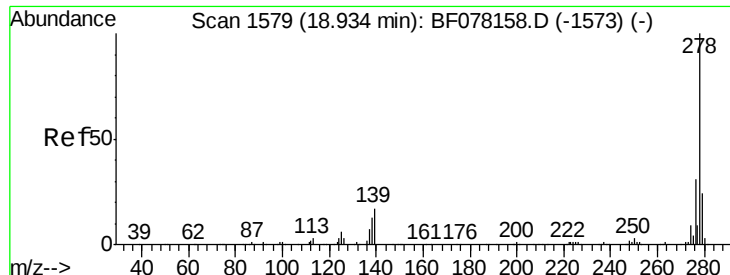
Tot Ion:252 Resp: 383942
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 10.1 11.6 17.4#



#89
Benzo(a)pyrene
Concen: 46.90 ng
RT: 17.62 min Scan# 1464
Delta R.T. 0.09 min
Lab File: BF078194.D
Acq: 2 Apr 2015 12:15

Tgt Ion:252 Resp: 380018
Ion Ratio Lower Upper
252 100
253 21.3 16.8 25.2
125 8.7 7.4 11.0





#90

Dibenzo(a,h)anthracene

Concen: 42.13 ng

RT: 19.06 min Scan# 1590

Delta R.T. 0.13 min

Lab File: BF078194.D

Acq: 2 Apr 2015 12:15

Instrument :

BNA_F

ClientSampleId :

PB82450BS

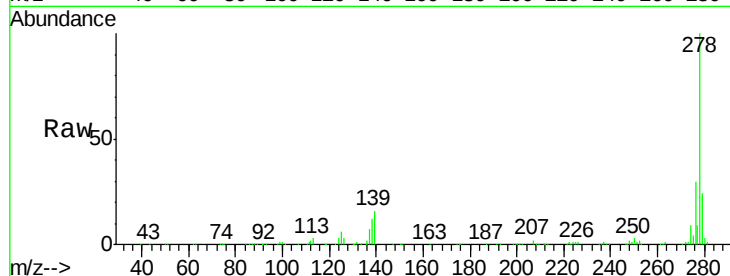
Tot Ion:278 Resp: 341770

Ion Ratio Lower Upper

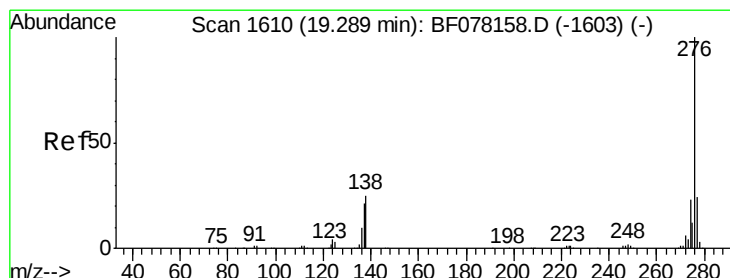
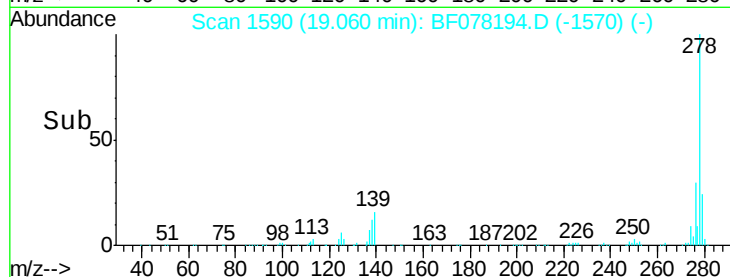
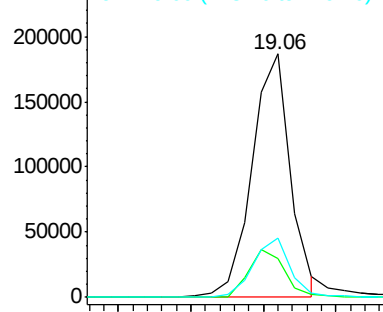
278 100

139 15.9 13.6 20.4

279 24.4 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: 43.68 ng

RT: 19.41 min Scan# 1621

Delta R.T. 0.13 min

Lab File: BF078194.D

Acq: 2 Apr 2015 12:15

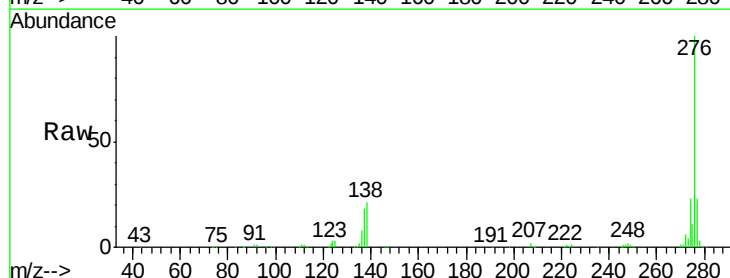
Tgt Ion:276 Resp: 355240

Ion Ratio Lower Upper

276 100

277 22.9 19.0 28.4

138 21.5 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

