

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031815\
 Data File : BF077798.D
 Acq On : 18 Mar 2015 13:12
 Operator : TP/IZ
 Sample : PB82120BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82120BSD

Quant Time: Mar 19 00:48:02 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 13 14:04:45 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	49771	20.00	ng	-0.01
21) Naphthalene-d8	8.74	136	204249	20.00	ng	-0.01
38) Acenaphthene-d10	10.91	164	104524	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	196893	20.00	ng	0.00
75) Chrysene-d12	16.03	240	205095	20.00	ng	0.00
86) Perylene-d12	17.78	264	196361	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	380549	133.46	ng	-0.01
7) Phenol-d6	6.73	99	456756	129.65	ng	-0.01
23) Nitrobenzene-d5	7.86	82	271298	87.07	ng	0.00
41) 2,4,6-Tribromophenol	11.89	330	118463	118.46	ng	0.00
44) 2-Fluorobiphenyl	10.09	172	600735	84.46	ng	0.00
78) Terphenyl-d14	14.74	244	660056	78.61	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.06	88	34232	26.44	ng	# 100
3) Pyridine	2.75	79	102209	29.38	ng	100
4) n-Nitrosodimethylamine	2.68	42	50878	33.59	ng	99
6) Aniline	6.75	93	108467	21.53	ng	# 53
8) 2-Chlorophenol	6.89	128	136888	40.33	ng	100
9) Benzaldehyde	6.60	77	12226	8.47	ng	93
10) Phenol	6.74	94	158233	38.00	ng	99
11) bis(2-Chloroethyl)ether	6.85	93	129708	41.58	ng	98
12) 1,3-Dichlorobenzene	7.08	146	136214	36.08	ng	99
13) 1,4-Dichlorobenzene	7.18	146	139737	35.63	ng	100
14) 1,2-Dichlorobenzene	7.37	146	136091	37.85	ng	99
15) Benzyl Alcohol	7.34	79	104308	37.93	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.53	45	162008	38.54	ng	99
17) 2-Methylphenol	7.49	107	108694	39.34	ng	97
18) Hexachloroethane	7.78	117	47279	36.75	ng	98
19) n-Nitroso-di-n-propylamine	7.68	70	87173	35.77	ng	95
20) 3+4-Methylphenols	7.69	107	139399	38.45	ng	97
22) Acetophenone	7.68	105	183426	40.57	ng	# 93
24) Nitrobenzene	7.88	77	130120	38.76	ng	# 78
25) Isophorone	8.18	82	244189	38.81	ng	99
26) 2-Nitrophenol	8.27	139	67397	41.01	ng	96
27) 2,4-Dimethylphenol	8.34	122	127983	42.75	ng	98
28) bis(2-Chloroethoxy)methane	8.46	93	152684	39.98	ng	97
29) 2,4-Dichlorophenol	8.57	162	115864	40.60	ng	97
30) 1,2,4-Trichlorobenzene	8.67	180	118519	37.12	ng	98
31) Naphthalene	8.76	128	396587	37.81	ng	100
32) Benzoic acid	8.45	122	49835	31.01	ng	97
33) 4-Chloroaniline	8.84	127	97686	22.95	ng	98
34) Hexachlorobutadiene	8.92	225	65714	36.31	ng	97
35) Caprolactam	9.26	113	33495	40.16	ng	99
36) 4-Chloro-3-methylphenol	9.45	107	112232	39.09	ng	86
37) 2-Methylnaphthalene	9.62	142	266427	37.81	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.82	216	112886	36.21	ng	# 100
40) Hexachlorocyclopentadiene	9.81	237	111008	71.48	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 13 14:04:45 2015
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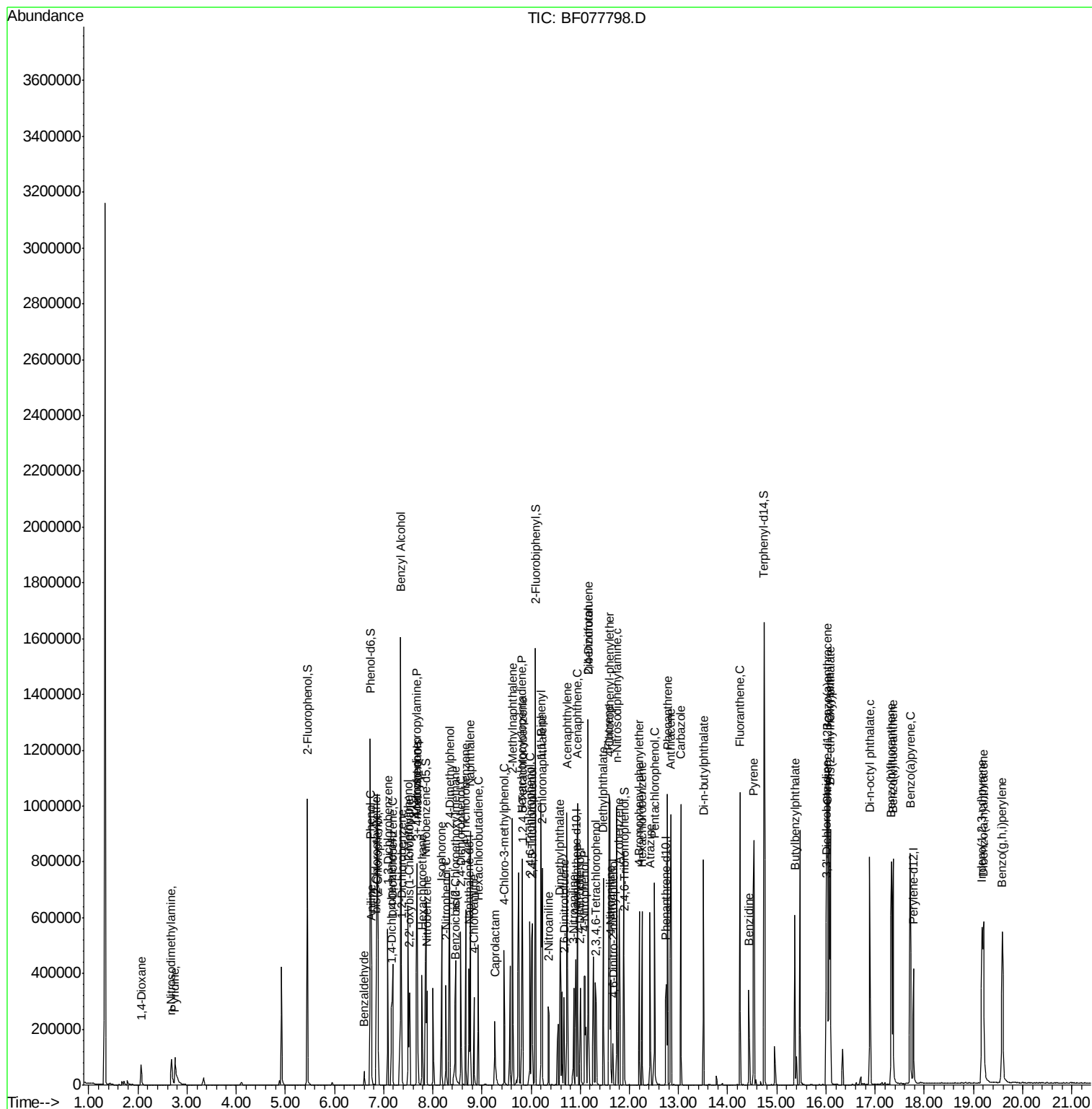
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.97	196	81471	37.73	ng	99
43) 2,4,5-Trichlorophenol	10.02	196	88775	38.05	ng #	88
45) 1,1'-Biphenyl	10.20	154	317225	37.97	ng	98
46) 2-Chloronaphthalene	10.22	162	258126	38.01	ng	97
47) 2-Nitroaniline	10.35	65	66438	39.40	ng #	81
48) Acenaphthylene	10.73	152	400630	35.48	ng	99
49) Dimethylphthalate	10.59	163	286871	37.00	ng	99
50) 2,6-Dinitrotoluene	10.67	165	68376	42.55	ng #	72
51) Acenaphthene	10.94	154	231478	35.75	ng	98
52) 3-Nitroaniline	10.86	138	53953	28.91	ng	87
53) 2,4-Dinitrophenol	11.00	184	47575	80.53	ng #	82
54) Dibenzofuran	11.16	168	358833	37.37	ng	94
55) 4-Nitrophenol	11.09	139	114916	83.12	ng	92
56) 2,4-Dinitrotoluene	11.16	165	89043	42.49	ng #	81
57) Fluorene	11.59	166	293338	36.79	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.32	232	68422	38.09	ng #	100
59) Diethylphthalate	11.47	149	285256	37.76	ng	97
60) 4-Chlorophenyl-phenylether	11.60	204	134213	36.88	ng	92
61) 4-Nitroaniline	11.62	138	68408	36.78	ng	81
62) Azobenzene	11.79	77	268305	37.16	ng	93
64) 4,6-Dinitro-2-methylphenol	11.67	198	33768	37.37	ng #	70
65) n-Nitrosodiphenylamine	11.75	169	253060	38.60	ng	99
66) 4-Bromophenyl-phenylether	12.20	248	81066	38.58	ng #	87
67) Hexachlorobenzene	12.26	284	86392	37.42	ng #	91
68) Atrazine	12.42	200	72523	39.47	ng	94
69) Pentachlorophenol	12.51	266	91313	75.69	ng	97
70) Phenanthrene	12.77	178	427467	37.82	ng	99
71) Anthracene	12.84	178	450965	40.38	ng	99
72) Carbazole	13.05	167	420802	39.61	ng	99
73) Di-n-butylphthalate	13.51	149	455501	38.24	ng	99
74) Fluoranthene	14.25	202	472392	37.89	ng	96
76) Benzidine	14.43	184	159594	31.35	ng	99
77) Pyrene	14.53	202	506376	39.26	ng	99
79) Butylbenzylphthalate	15.37	149	196236	38.59	ng	98
80) Benzo(a)anthracene	16.02	228	464178	38.18	ng	99
81) 3,3'-Dichlorobenzidine	16.01	252	119113	29.70	ng #	98
82) Chrysene	16.07	228	441659	40.40	ng	99
83) Bis(2-ethylhexyl)phthalate	16.09	149	284594	36.95	ng #	95
84) Di-n-octyl phthalate	16.89	149	475056	36.07	ng	100
85) Indeno(1,2,3-cd)pyrene	19.17	276	487954	35.76	ng #	100
87) Benzo(b)fluoranthene	17.33	252	454899	35.49	ng #	96
88) Benzo(k)fluoranthene	17.37	252	443895	44.33	ng	98
89) Benzo(a)pyrene	17.71	252	435929	40.76	ng #	96
90) Dibenzo(a,h)anthracene	19.21	278	407624	38.42	ng	99
91) Benzo(g,h,i)perylene	19.59	276	421026	38.98	ng	96

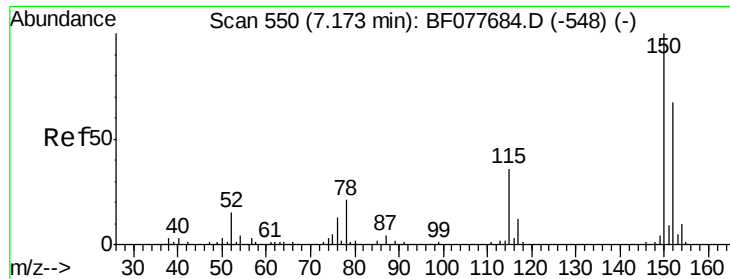
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Operator  : TP/IZ  
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Misc      :  
ALS Vial  : 10      Sample Multiplier: 1
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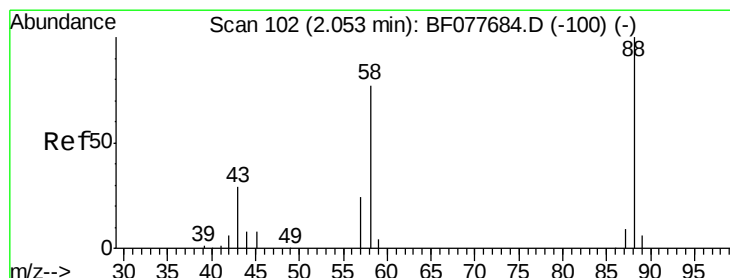
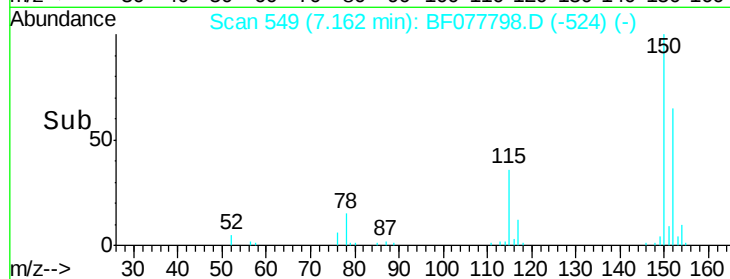
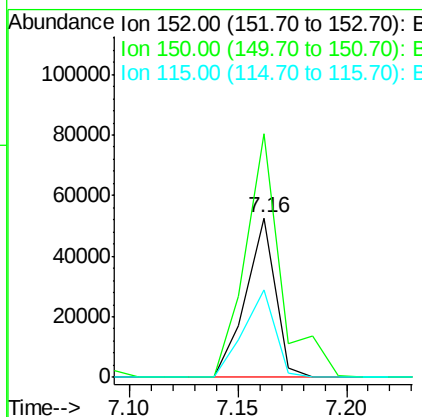
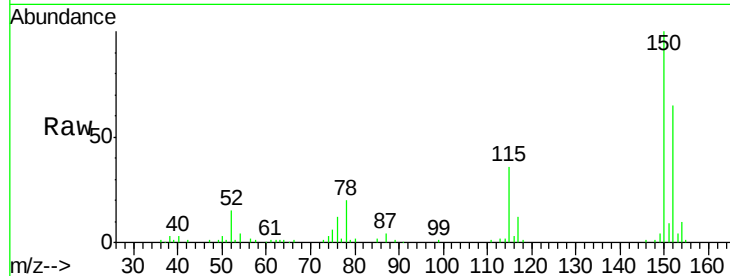




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.16 min Scan# 549
 Delta R.T. -0.01 min
 Lab File: BF077798.D
 Acq: 18 Mar 2015 13:12

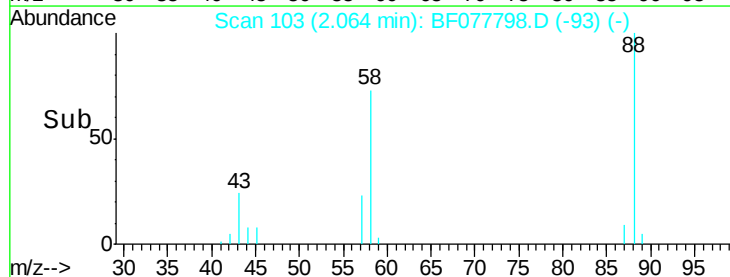
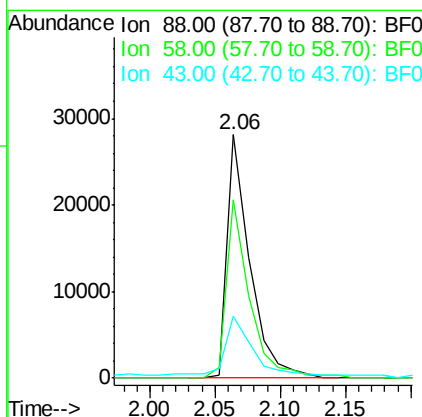
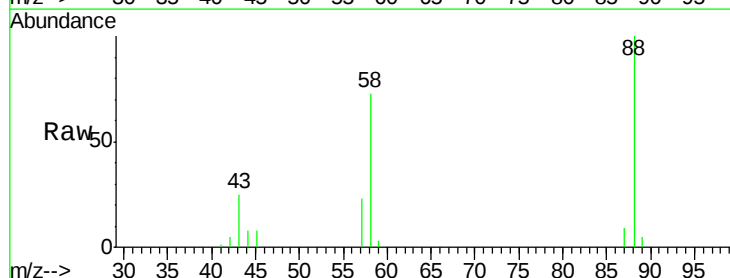
Instrument :
 BNA_F
 ClientSampleId :
 PB82120BSD

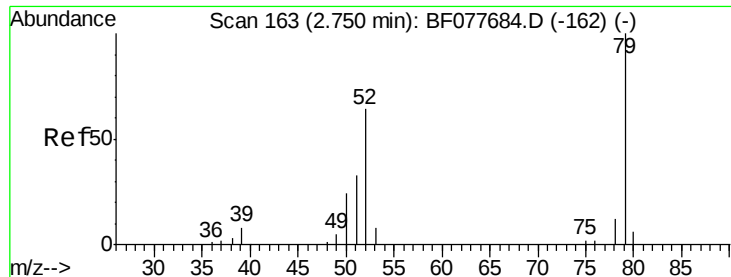
Tgt Ion:152 Resp: 49771
 Ion Ratio Lower Upper
 152 100
 150 152.9 119.5 179.3
 115 55.3 43.0 64.4



#2
 1,4-Dioxane
 Concen: 26.44 ng
 RT: 2.06 min Scan# 103
 Delta R.T. 0.01 min
 Lab File: BF077798.D
 Acq: 18 Mar 2015 13:12

Tgt Ion: 88 Resp: 34232
 Ion Ratio Lower Upper
 88 100
 58 75.2 0.0 0.0#
 43 38.4 0.0 0.0#

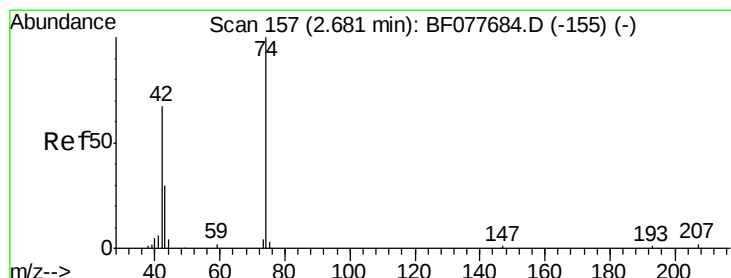
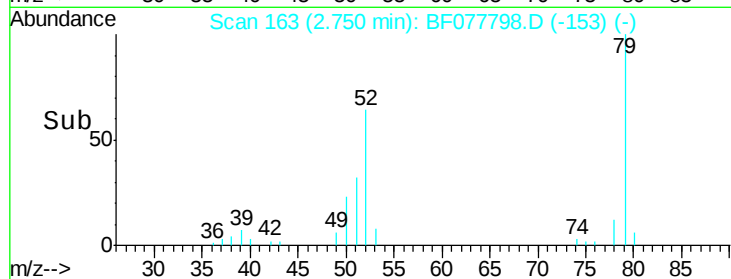
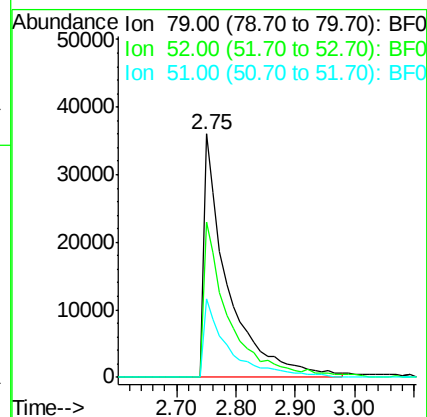
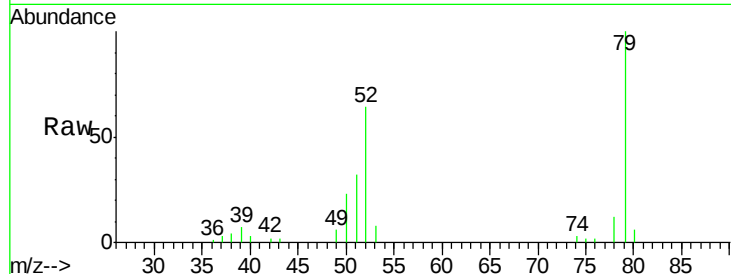




#3
 Pyridine
 Concen: 29.38 ng
 RT: 2.75 min Scan# 163
 Delta R.T. 0.01 min
 Lab File: BF077798.D
 Acq: 18 Mar 2015 13:12

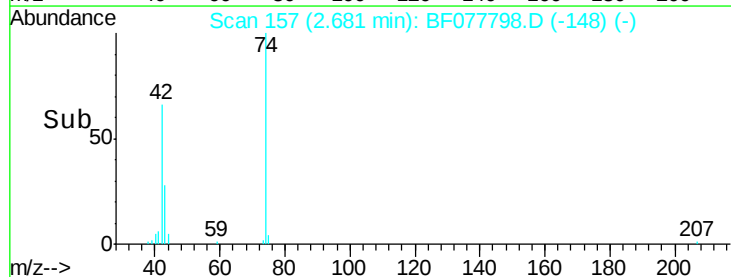
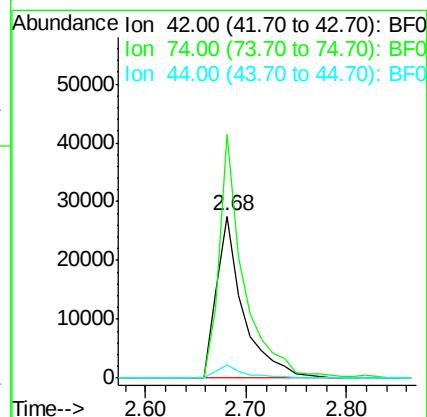
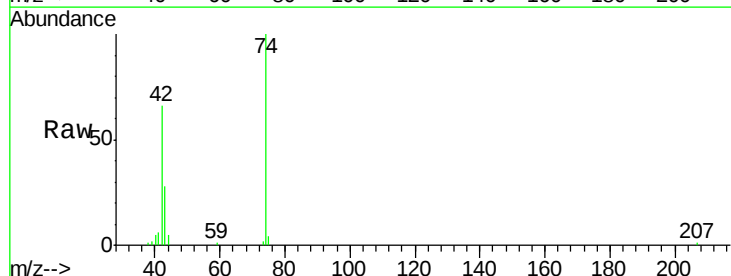
Instrument :
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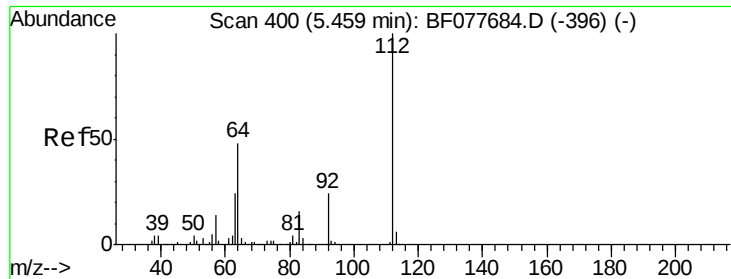
Tgt Ion: 79 Resp: 102209
 Ion Ratio Lower Upper
 79 100
 52 63.9 51.1 76.7
 51 32.5 26.1 39.1



#4
 n-Nitrosodimethylamine
 Concen: 33.59 ng
 RT: 2.68 min Scan# 157
 Delta R.T. -0.00 min
 Lab File: BF077798.D
 Acq: 18 Mar 2015 13:12

Tgt Ion: 42 Resp: 50878
 Ion Ratio Lower Upper
 42 100
 74 150.4 119.3 178.9
 44 7.8 5.4 8.2





#5

2-Fluorophenol

Concen: 133.46 ng

RT: 5.45 min Scan# 399

Delta R.T. -0.01 min

Lab File: BF077798.D

Acq: 18 Mar 2015 13:12

Instrument :

BNA_F

ClientSampleId :

PB82120BSD

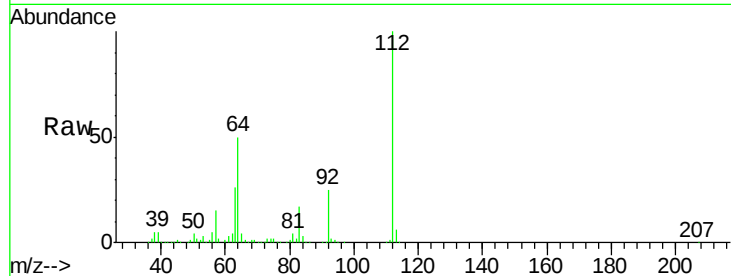
Tgt Ion: 112 Resp: 380549

Ion Ratio Lower Upper

112 100

64 50.0 38.6 57.8

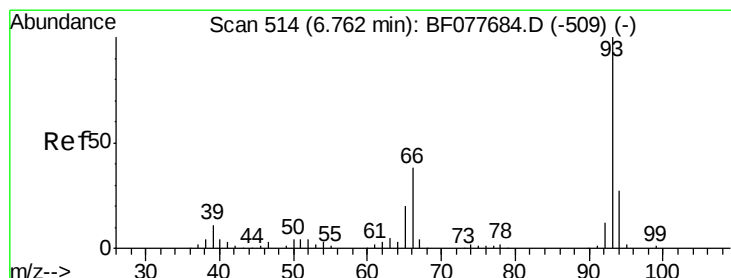
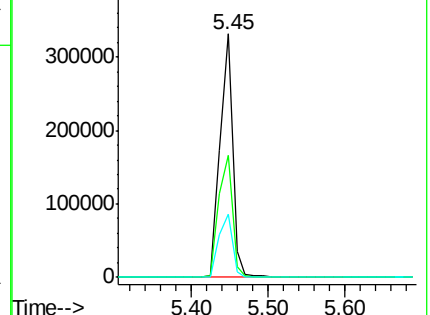
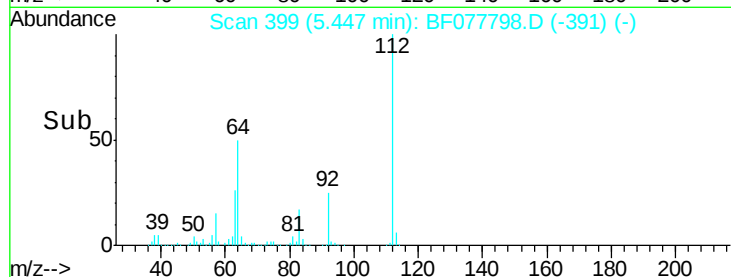
63 25.7 19.3 28.9



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 21.53 ng

RT: 6.75 min Scan# 513

Delta R.T. -0.00 min

Lab File: BF077798.D

Acq: 18 Mar 2015 13:12

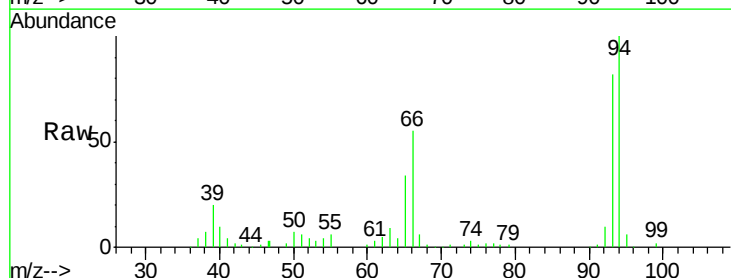
Tgt Ion: 93 Resp: 108467

Ion Ratio Lower Upper

93 100

66 67.2 30.8 46.2#

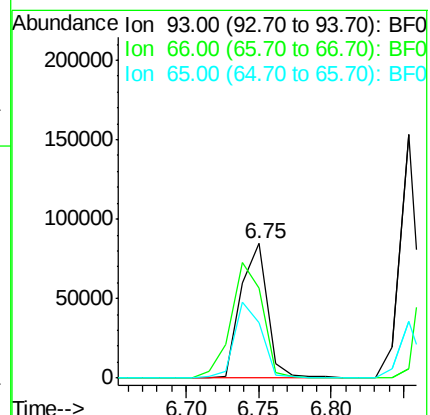
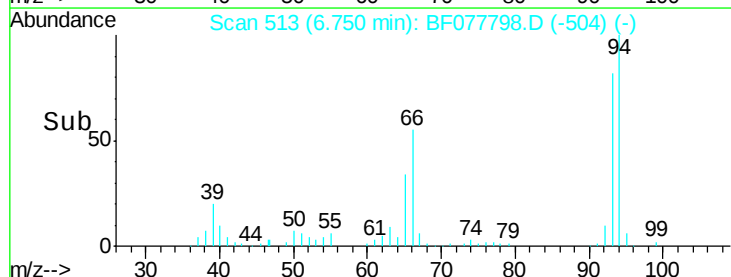
65 41.6 16.0 24.0#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 129.65 ng

RT: 6.73 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF077798.D

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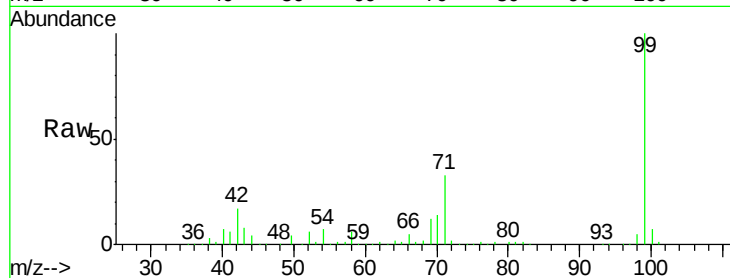
Tgt Ion: 99 Resp: 456756

Ion Ratio Lower Upper

99 100

42 16.9 11.0 16.4#

71 33.0 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF077684.D (-509) (-)

Ion 42.00 (41.70 to 42.70): BF077684.D (-509) (-)

Ion 71.00 (70.70 to 71.70): BF077684.D (-509) (-)

6.73

400000

300000

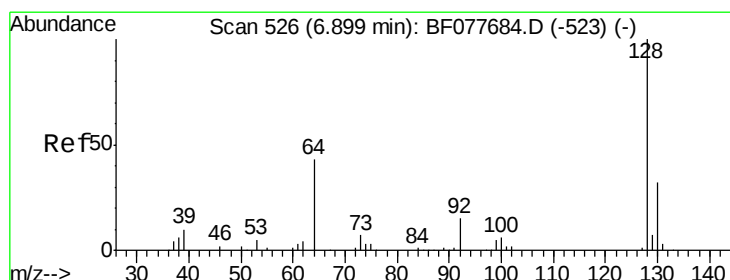
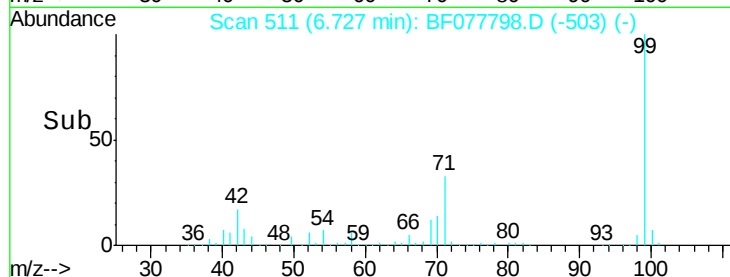
200000

100000

0

6.70 6.80

Time-->



#8

2-Chlorophenol

Concen: 40.33 ng

RT: 6.89 min Scan# 525

Delta R.T. -0.01 min

Lab File: BF077798.D

Acq: 18 Mar 2015 13:12

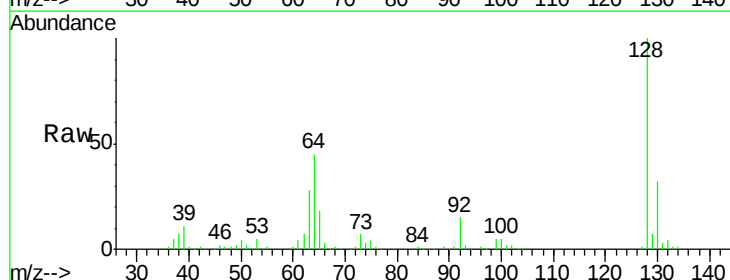
Tgt Ion: 128 Resp: 136888

Ion Ratio Lower Upper

128 100

130 31.6 12.0 52.0

64 45.0 24.9 64.9



Abundance Ion 128.00 (127.70 to 128.70): BF077684.D (-523) (-)

Ion 130.00 (129.70 to 130.70): BF077684.D (-523) (-)

Ion 64.00 (63.70 to 64.70): BF077684.D (-523) (-)

6.89

200000

150000

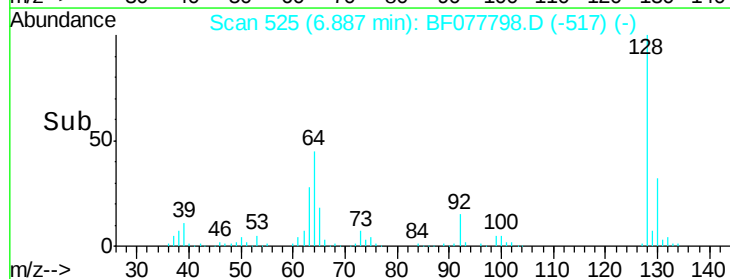
100000

50000

0

6.85 6.90 6.95

Time-->





#9

Benzaldehyde

Concen: 8.47 ng

RT: 6.60 min Scan# 500

Delta R.T. -0.01 min

Lab File: BF077798.D

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BNA_F

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PB82120BSD

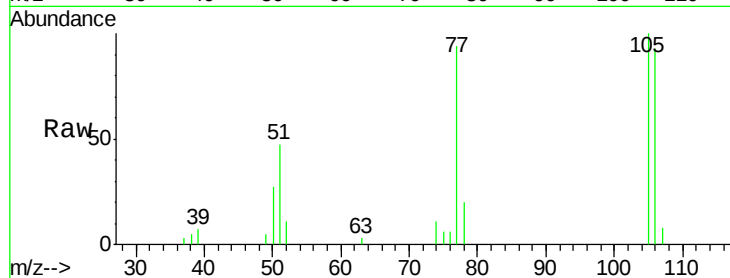
Tgt Ion: 77 Resp: 12226

Ion Ratio Lower Upper

77 100

105 106.9 78.8 118.8

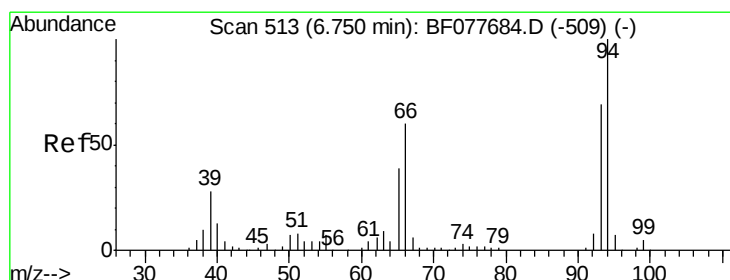
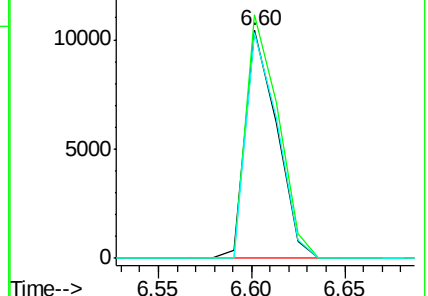
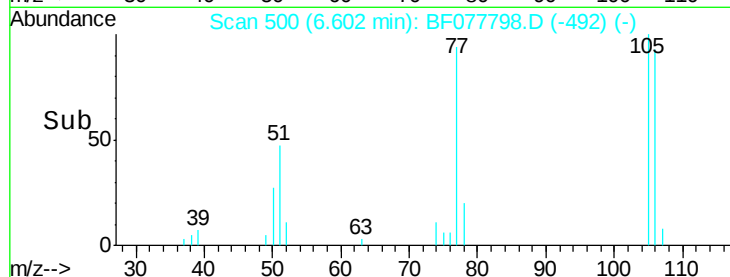
106 99.0 73.7 113.7



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 38.00 ng

RT: 6.74 min Scan# 512

Delta R.T. -0.01 min

Lab File: BF077798.D

Acq: 18 Mar 2015 13:12

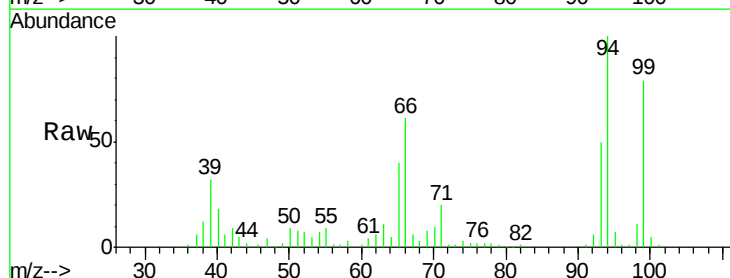
Tgt Ion: 94 Resp: 158233

Ion Ratio Lower Upper

94 100

65 39.7 18.8 58.8

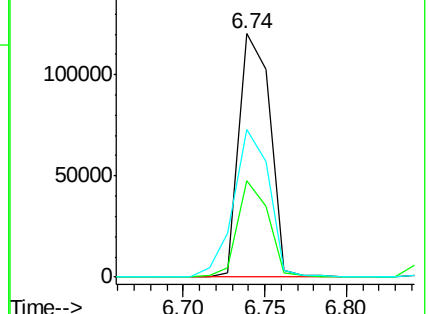
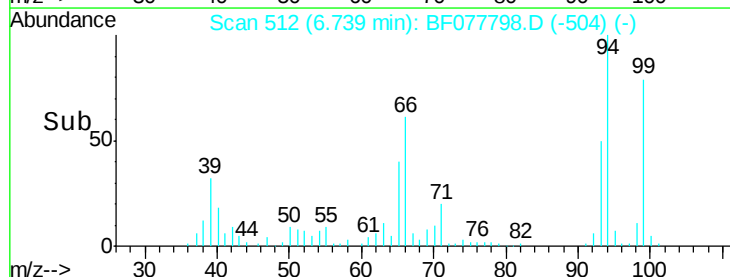
66 60.7 39.9 79.9



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

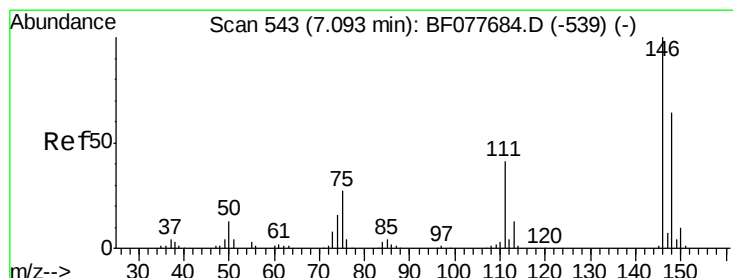
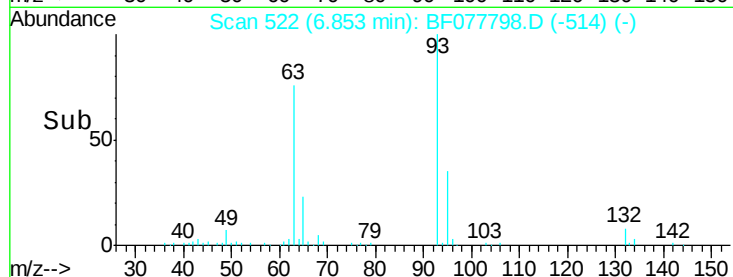
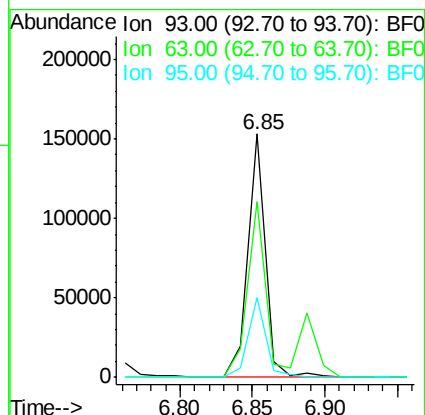
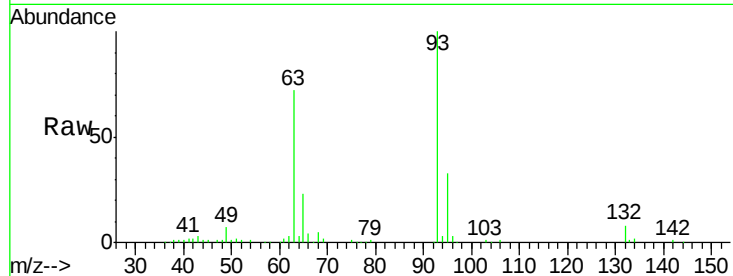




#11
bis(2-Chloroethyl)ether
Concen: 41.58 ng
RT: 6.85 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF077798.D
Acq: 18 Mar 2015 13:12

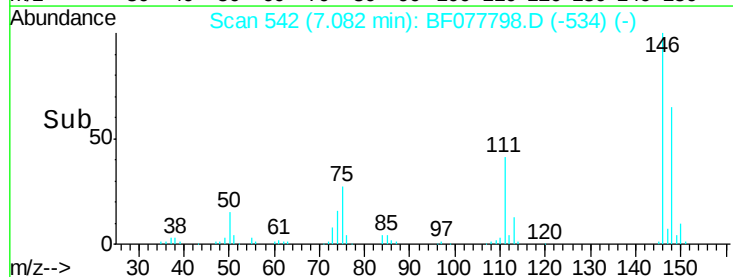
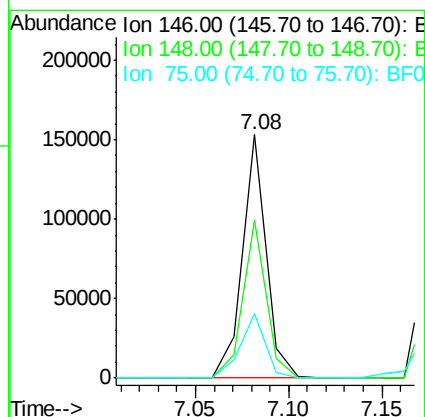
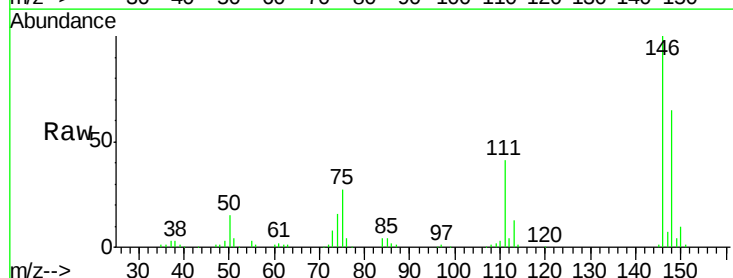
Instrument :
BNA_F
ClientSampleId :
PB82120BSD

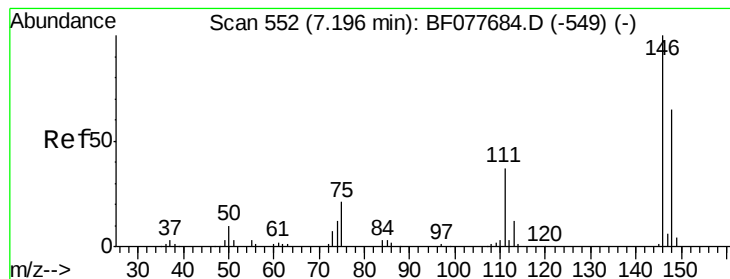
Tgt Ion: 93 Resp: 129708
Ion Ratio Lower Upper
93 100
63 72.0 49.5 89.5
95 33.0 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 36.08 ng
RT: 7.08 min Scan# 542
Delta R.T. -0.01 min
Lab File: BF077798.D
Acq: 18 Mar 2015 13:12

Tgt Ion: 146 Resp: 136214
Ion Ratio Lower Upper
146 100
148 64.6 50.9 76.3
75 26.7 21.4 32.2

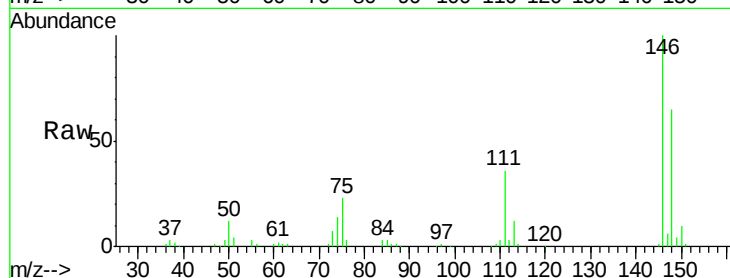




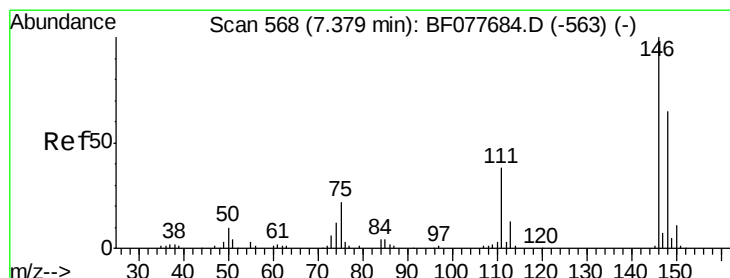
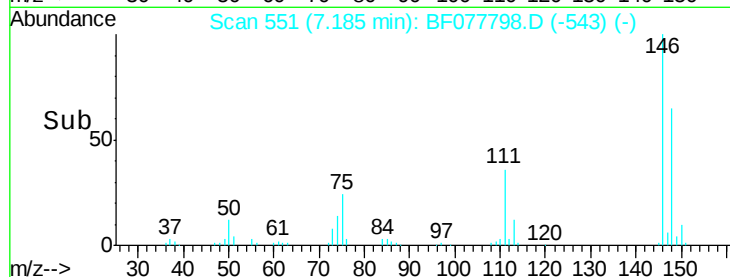
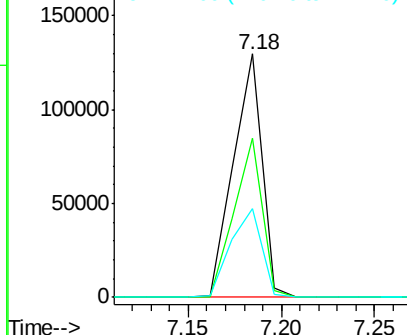
#13
 1,4-Dichlorobenzene
 Concen: 35.63 ng
 RT: 7.18 min Scan# 551
 Delta R.T. -0.01 min
 Lab File: BF077798.D
 Acq: 18 Mar 2015 13:12

Instrument :
 BNA_F
 ClientSampleId :
 PB82120BSD

Tgt Ion:146 Resp: 139737
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.9 77.9
 111 36.4 29.2 43.8

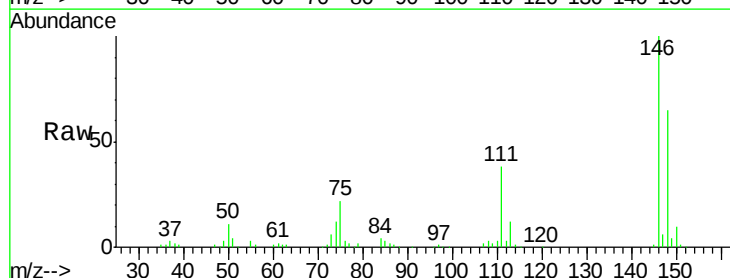


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

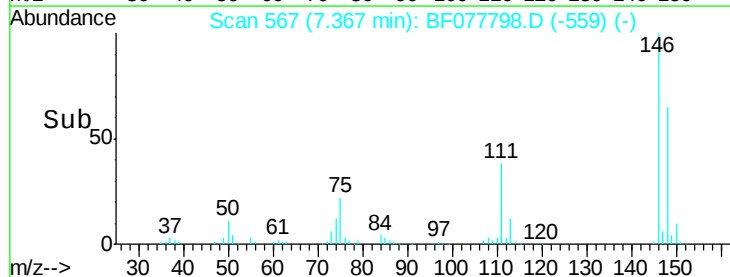
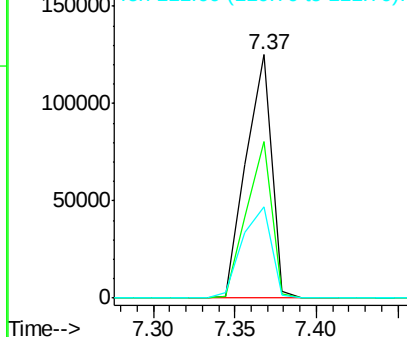


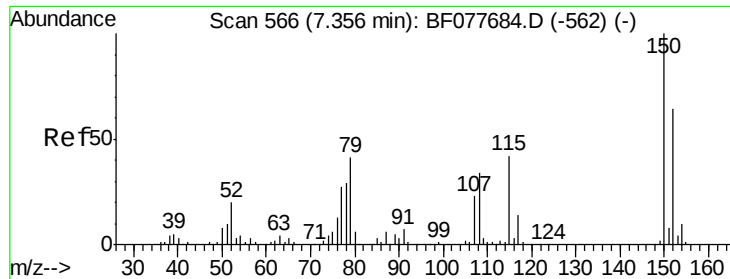
#14
 1,2-Dichlorobenzene
 Concen: 37.85 ng
 RT: 7.37 min Scan# 567
 Delta R.T. -0.01 min
 Lab File: BF077798.D
 Acq: 18 Mar 2015 13:12

Tgt Ion:146 Resp: 136091
 Ion Ratio Lower Upper
 146 100
 148 64.6 52.3 78.5
 111 37.6 30.6 45.8



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

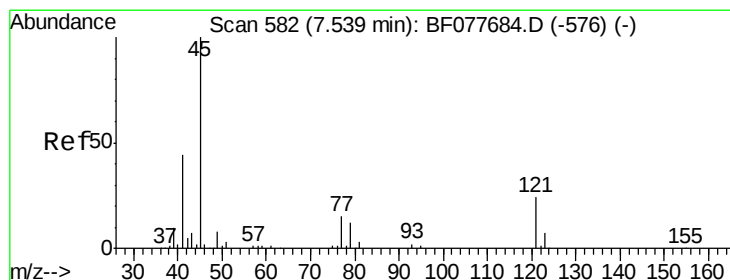
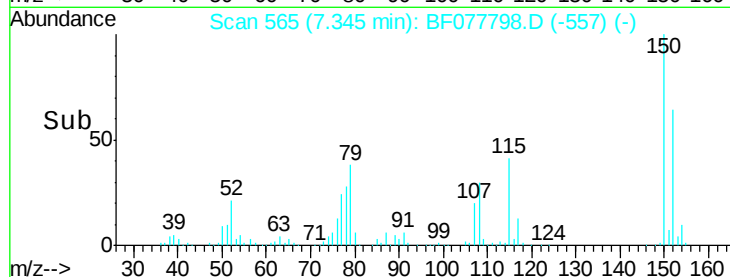
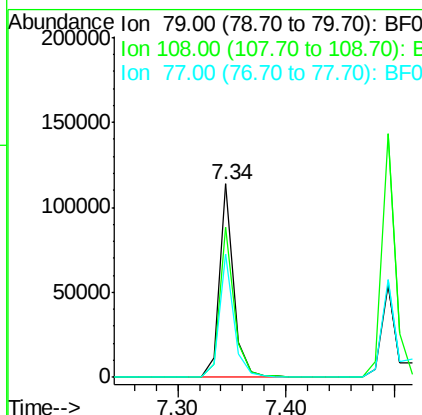
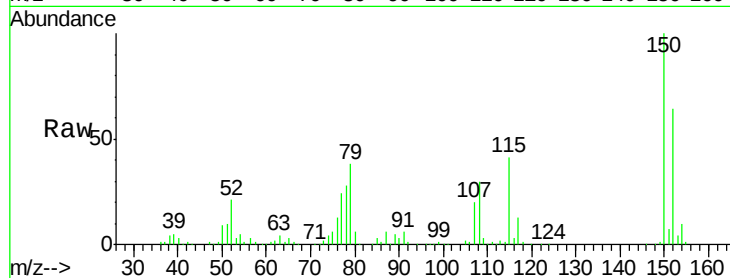




#15
Benzyl Alcohol
Concen: 37.93 ng
RT: 7.34 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF077798.D
Acq: 18 Mar 2015 13:12

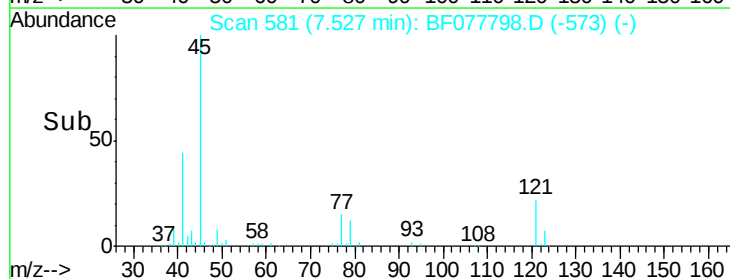
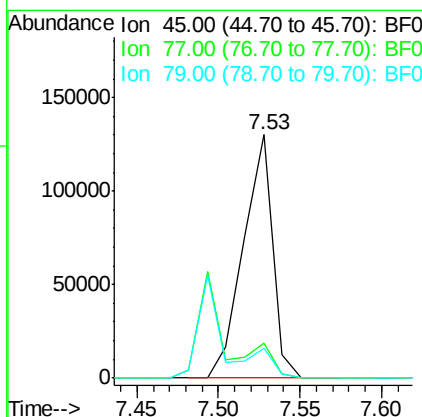
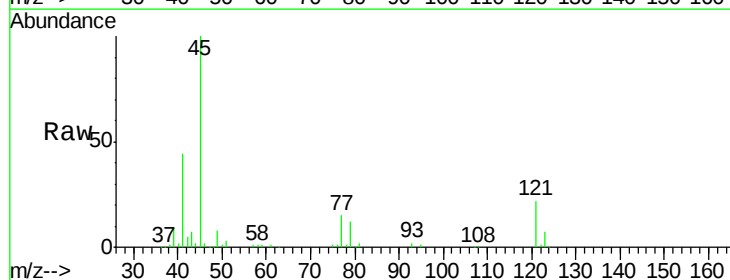
Instrument :
BNA_F
ClientSampleId :
PB82120BSD

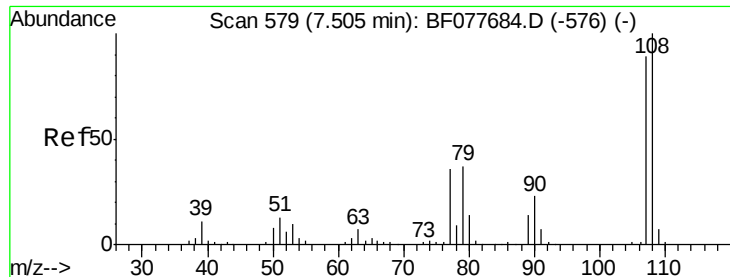
Tgt Ion: 79 Resp: 104308
Ion Ratio Lower Upper
79 100
108 77.7 65.0 97.4
77 64.1 53.0 79.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.54 ng
RT: 7.53 min Scan# 581
Delta R.T. -0.01 min
Lab File: BF077798.D
Acq: 18 Mar 2015 13:12

Tgt Ion: 45 Resp: 162008
Ion Ratio Lower Upper
45 100
77 14.6 0.0 35.2
79 12.3 0.0 32.0

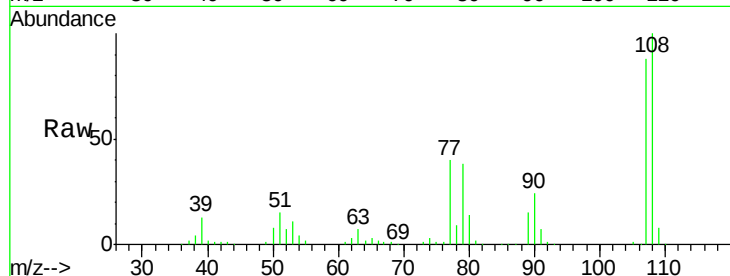




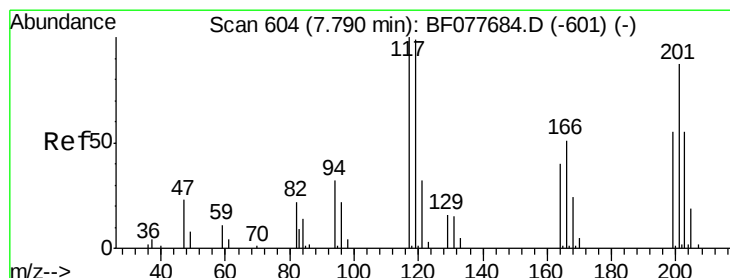
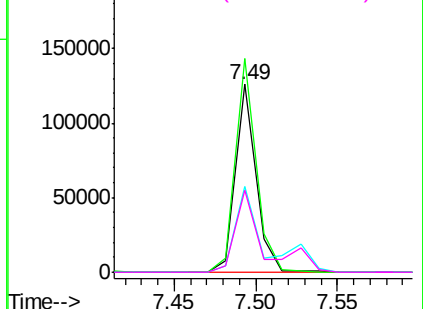
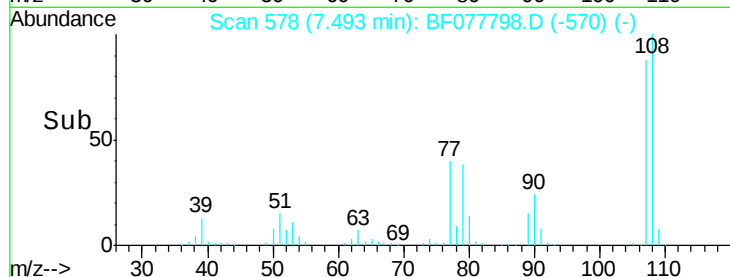
#17
2-Methylphenol
Concen: 39.34 ng
RT: 7.49 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF077798.D
Acq: 18 Mar 2015 13:12

Instrument :
BNA_F
ClientSampleId :
PB82120BSD

Tgt Ion:107 Resp: 108694
Ion Ratio Lower Upper
107 100
108 113.9 89.8 134.8
77 45.5 32.6 48.8
79 43.6 32.8 49.2

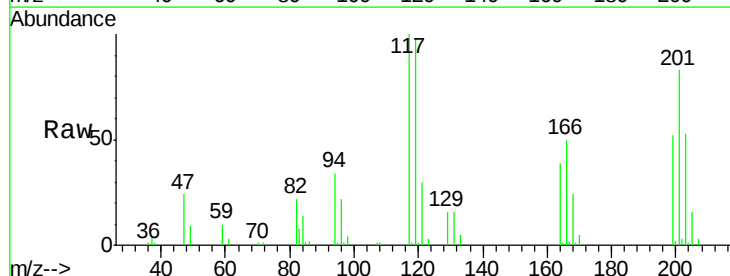


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

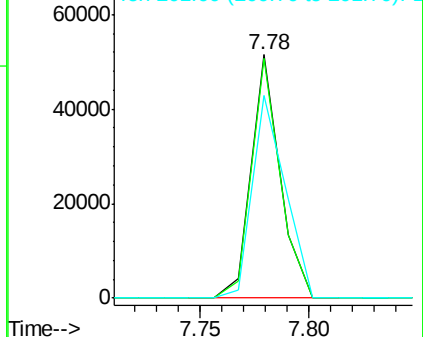
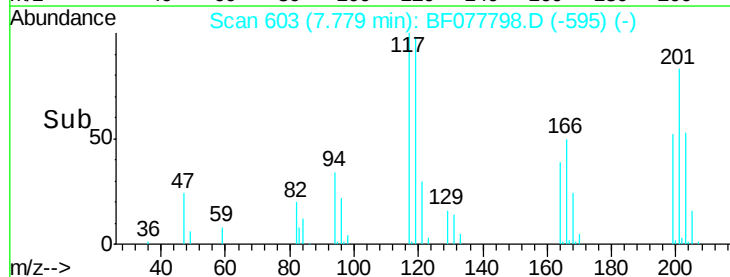


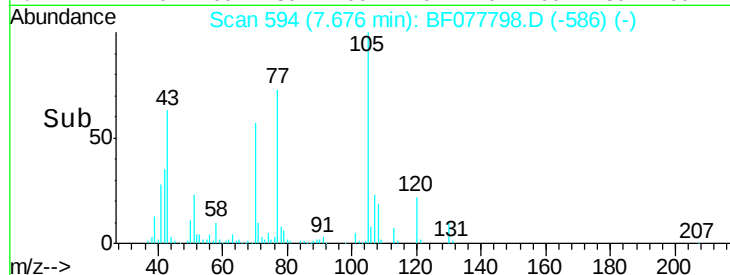
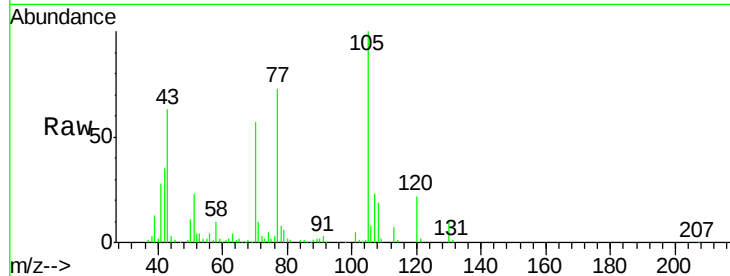
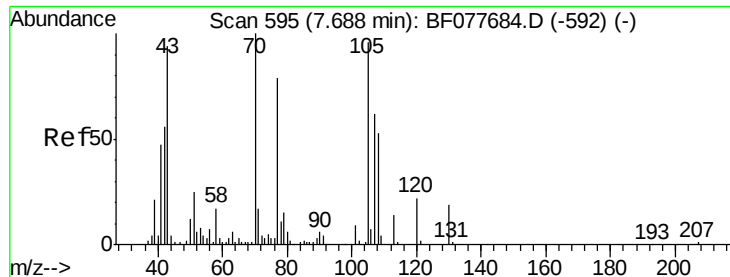
#18
Hexachloroethane
Concen: 36.75 ng
RT: 7.78 min Scan# 603
Delta R.T. -0.01 min
Lab File: BF077798.D
Acq: 18 Mar 2015 13:12

Tgt Ion:117 Resp: 47279
Ion Ratio Lower Upper
117 100
119 98.4 79.2 118.8
201 83.3 69.8 104.6



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

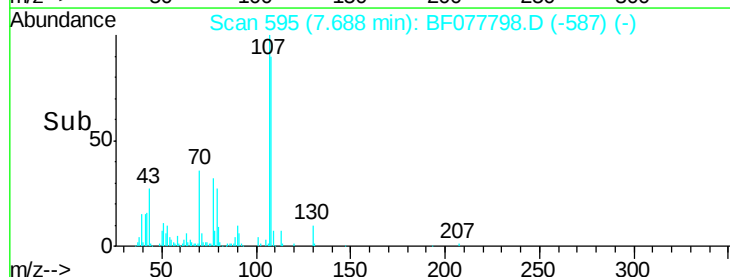
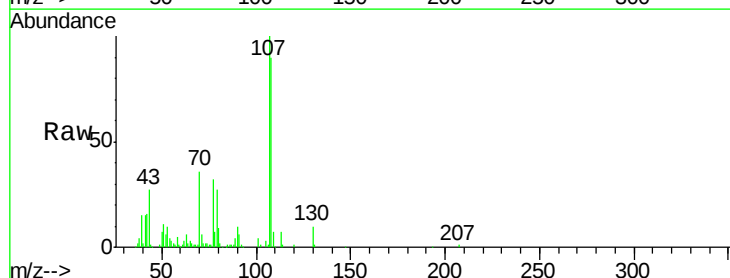
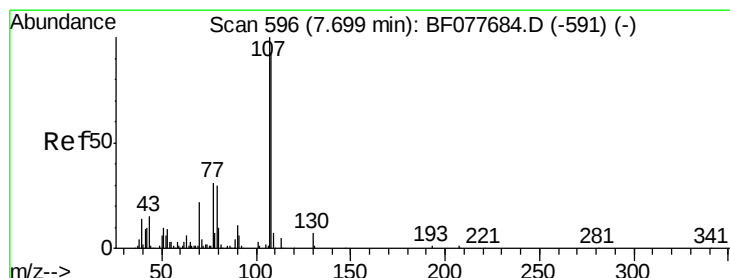
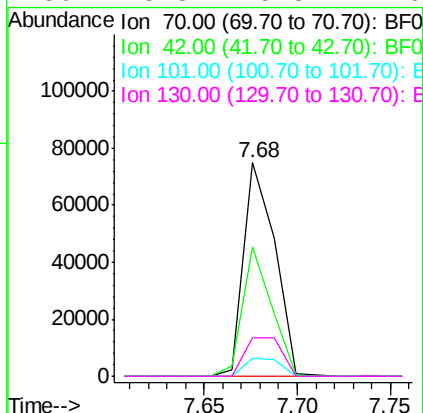




#19
n-Nitroso-di-n-propylamine
Concen: 35.77 ng
RT: 7.68 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF077798.D
Acq: 18 Mar 2015 13:12

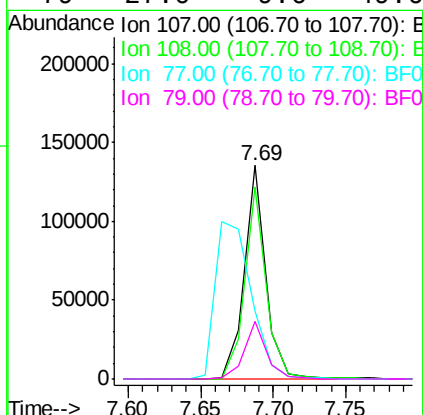
Instrument :
BNA_F
ClientSampleId :
PB82120BSD

Tgt Ion:	70	Resp:	87173
Ion	Ratio	Lower	Upper
70	100		
42	60.7	44.5	66.7
101	8.6	7.4	11.2
130	18.3	15.3	22.9



#20
3+4-Methylphenols
Concen: 38.45 ng
RT: 7.69 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF077798.D
Acq: 18 Mar 2015 13:12

Tgt Ion:	107	Resp:	139399
Ion	Ratio	Lower	Upper
107	100		
108	90.1	73.2	113.2
77	31.7	10.7	50.7
79	27.0	9.6	49.6

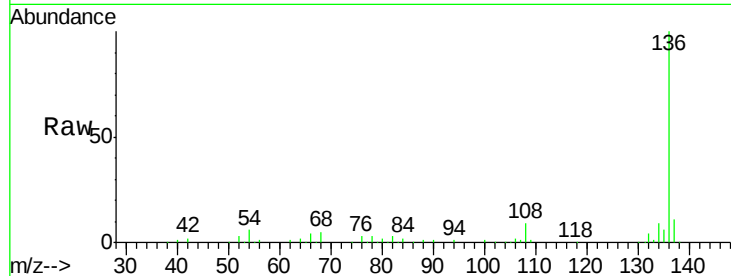




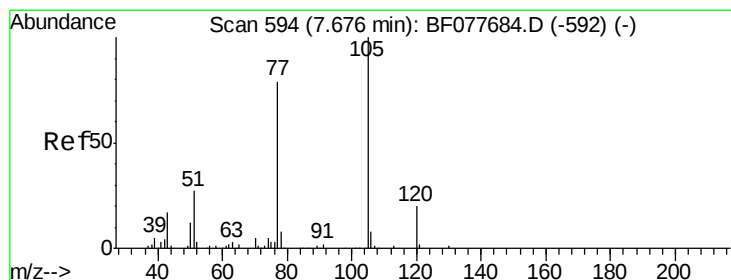
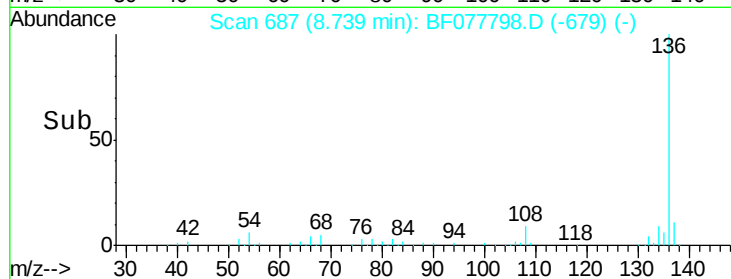
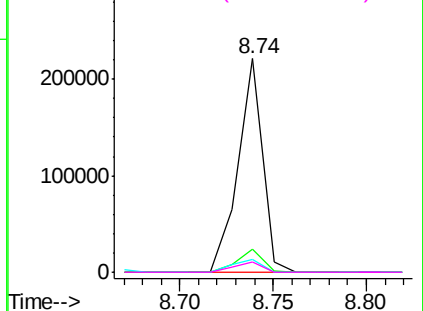
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.74 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF077798.D
Acq: 18 Mar 2015 13:12

Instrument :
BNA_F
ClientSampleId :
PB82120BSD

Tgt Ion:	136	Resp:	204249
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	5.8	4.6	6.8
68	4.5	3.7	5.5

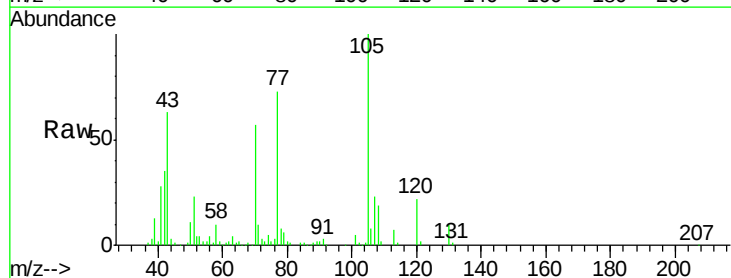


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

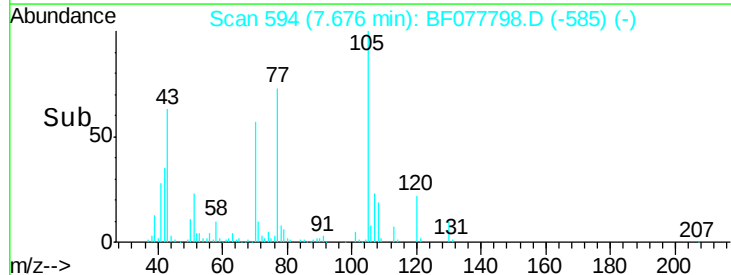
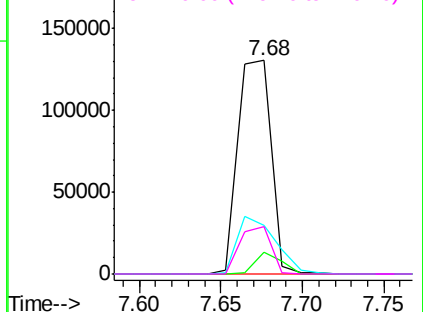


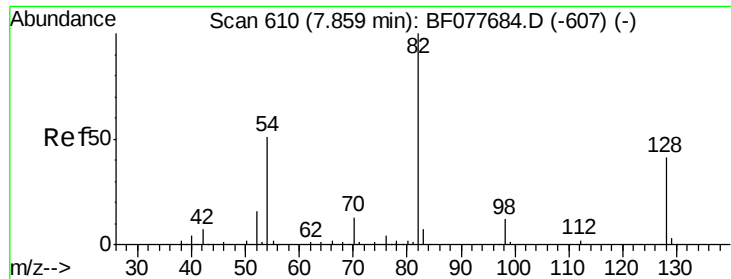
#22
Acetophenone
Concen: 40.57 ng
RT: 7.68 min Scan# 594
Delta R.T. -0.00 min
Lab File: BF077798.D
Acq: 18 Mar 2015 13:12

Tgt Ion:	105	Resp:	183426
Ion	Ratio	Lower	Upper
105	100		
71	10.1	0.6	1.0#
51	22.6	21.6	32.4
120	22.4	16.1	24.1



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

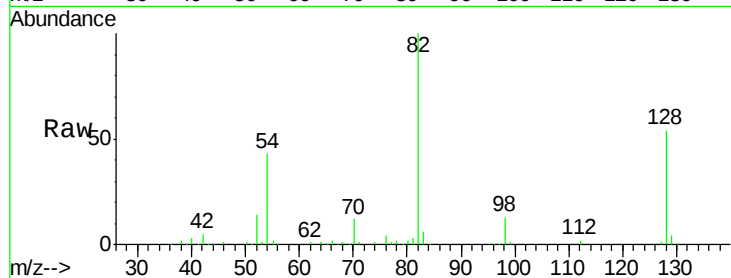




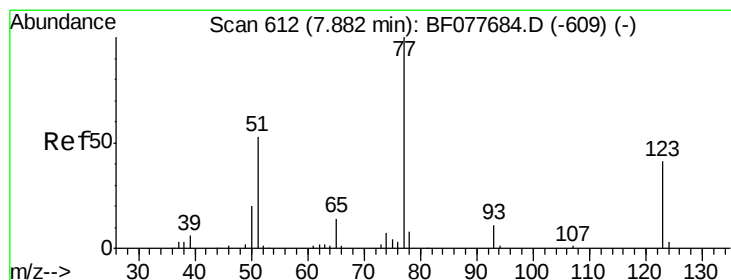
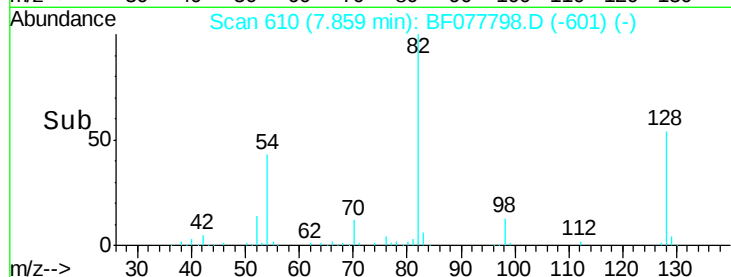
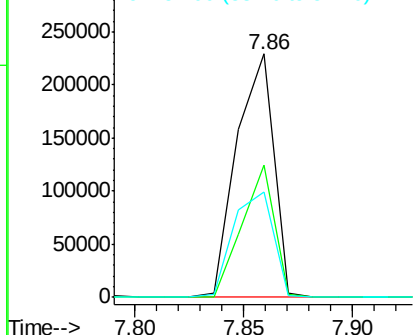
#23
 Nitrobenzene-d5
 Concen: 87.07 ng
 RT: 7.86 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF077798.D
 Acq: 18 Mar 2015 13:12

Instrument :
 BNA_F
 ClientSampleId :
 PB82120BSD

Tgt Ion: 82 Resp: 271298
 Ion Ratio Lower Upper
 82 100
 128 54.3 32.8 49.2#
 54 43.2 40.6 60.8

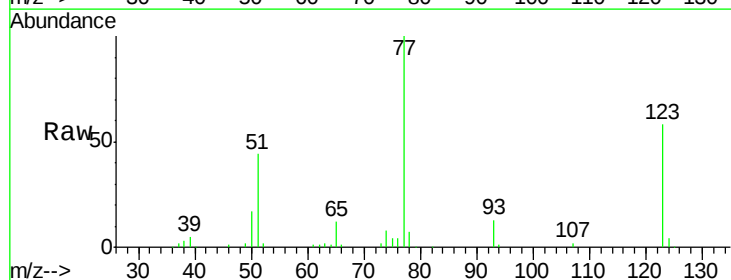


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

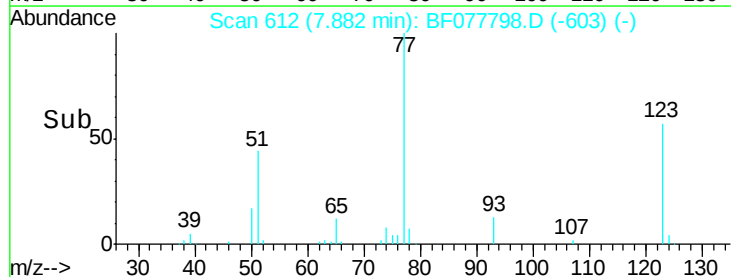
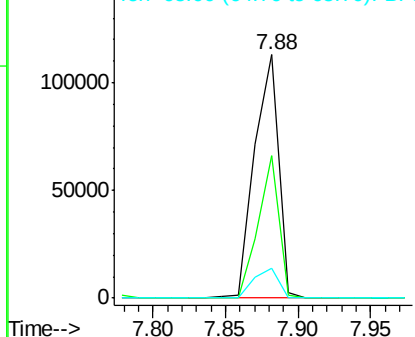


#24
 Nitrobenzene
 Concen: 38.76 ng
 RT: 7.88 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF077798.D
 Acq: 18 Mar 2015 13:12

Tgt Ion: 77 Resp: 130120
 Ion Ratio Lower Upper
 77 100
 123 58.3 32.6 49.0#
 65 12.2 10.9 16.3



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





#25

Isophorone

Concen: 38.81 ng

RT: 8.18 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF077798.D

Acq: 18 Mar 2015 13:12

Instrument :

BNA_F

ClientSampleId :

PB82120BSD

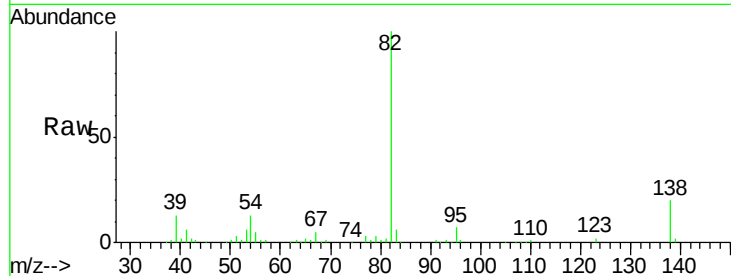
Tgt Ion: 82 Resp: 244189

Ion Ratio Lower Upper

82 100

95 7.1 5.8 8.6

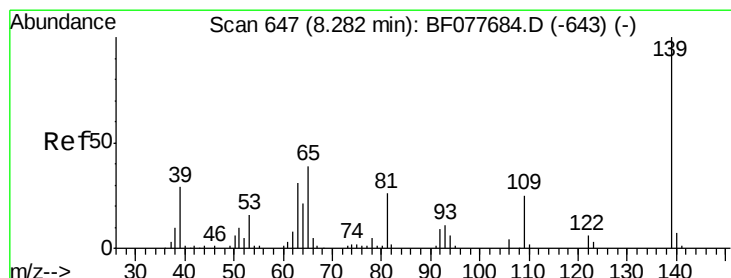
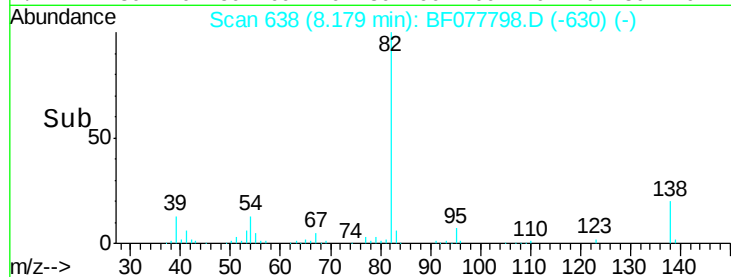
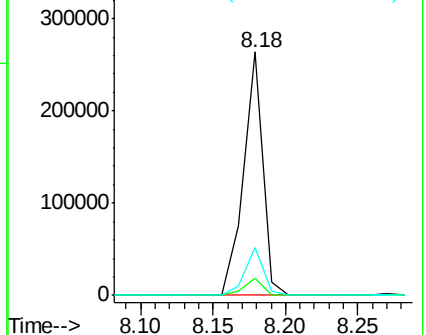
138 19.6 16.3 24.5



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 41.01 ng

RT: 8.27 min Scan# 646

Delta R.T. -0.01 min

Lab File: BF077798.D

Acq: 18 Mar 2015 13:12

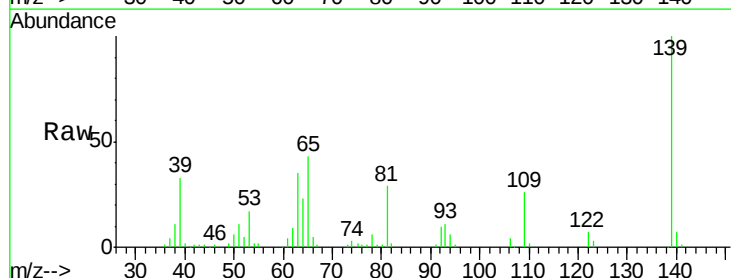
Tgt Ion: 139 Resp: 67397

Ion Ratio Lower Upper

139 100

109 26.2 20.1 30.1

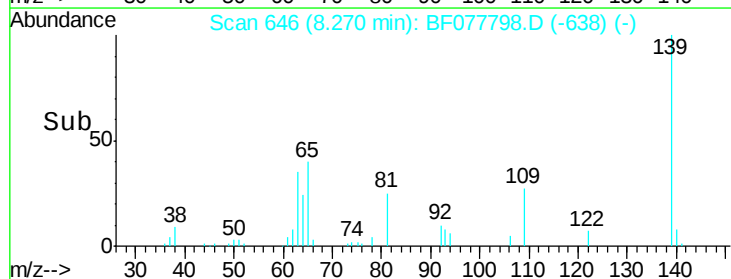
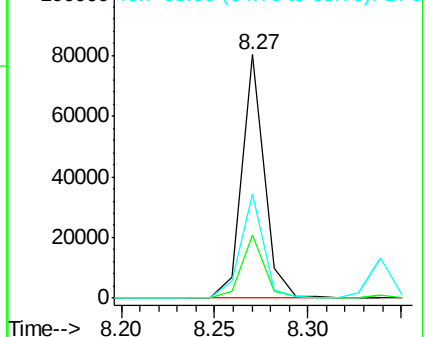
65 42.9 31.5 47.3



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 42.75 ng

RT: 8.34 min Scan# 652

Delta R.T. -0.01 min

Lab File: BF077798.D

Acq: 18 Mar 2015 13:12

Instrument :

BNA_F

ClientSampleId :

PB82120BSD

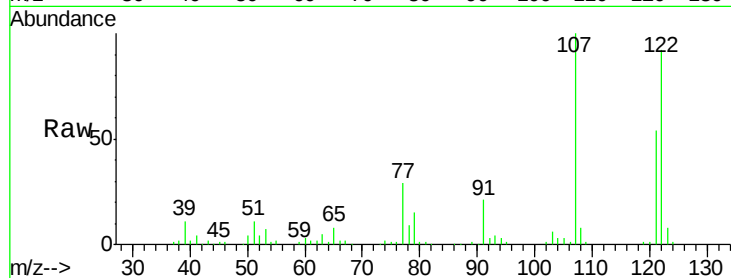
Tgt Ion: 122 Resp: 127983

Ion Ratio Lower Upper

122 100

107 109.2 84.7 127.1

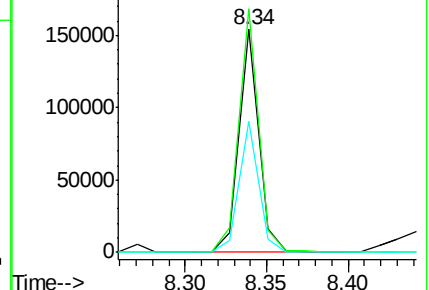
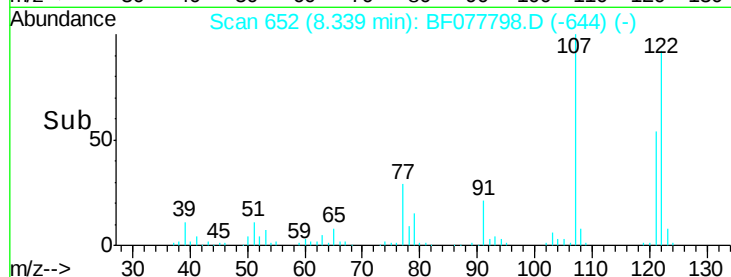
121 58.5 46.6 69.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.98 ng

RT: 8.46 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF077798.D

Acq: 18 Mar 2015 13:12

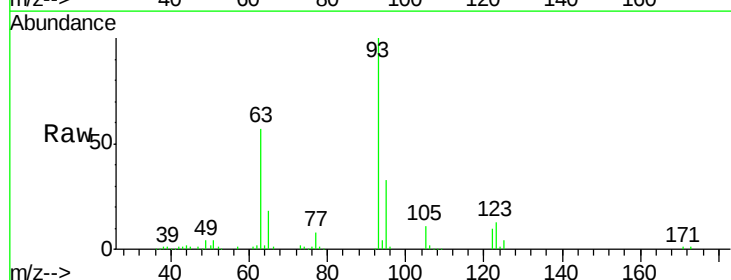
Tgt Ion: 93 Resp: 152684

Ion Ratio Lower Upper

93 100

95 33.0 25.5 38.3

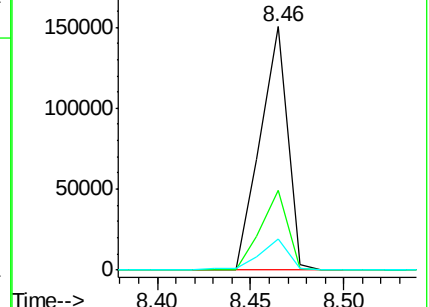
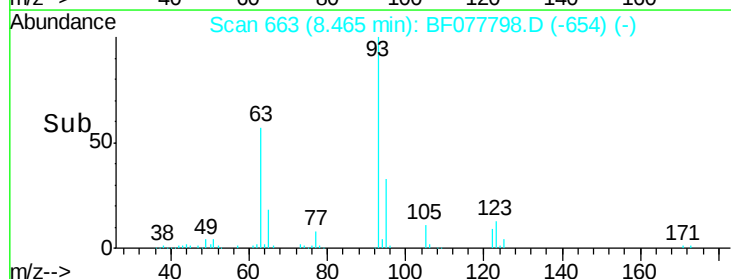
123 12.7 8.6 13.0

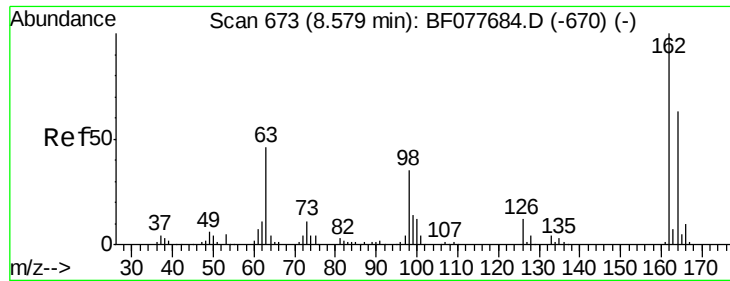


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

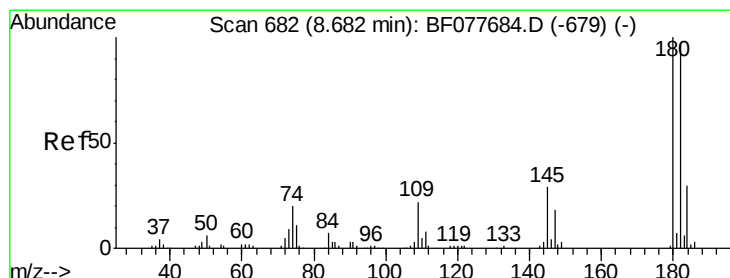
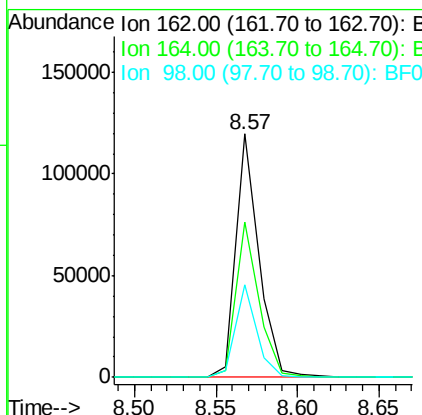
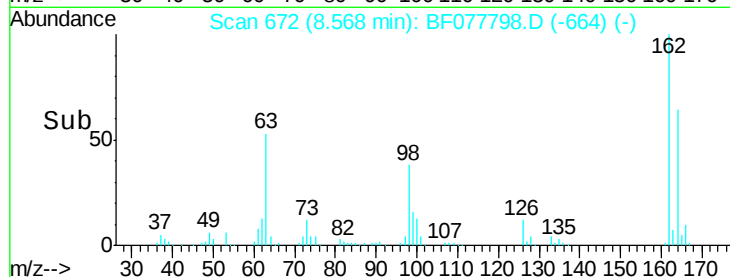
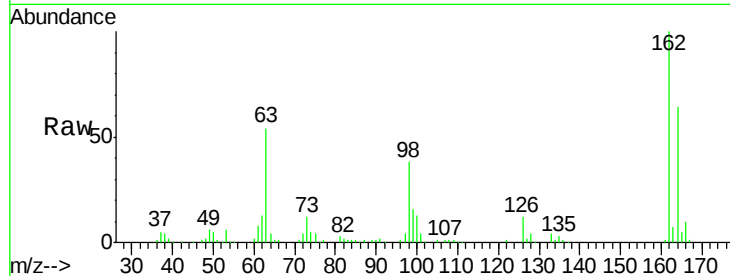




#29
 2,4-Dichlorophenol
 Concen: 40.60 ng
 RT: 8.57 min Scan# 672
 Delta R.T. -0.01 min
 Lab File: BF077798.D
 Acq: 18 Mar 2015 13:12

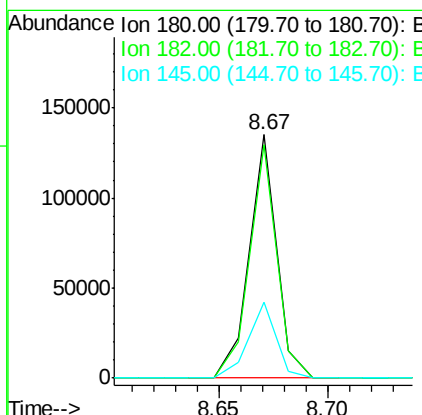
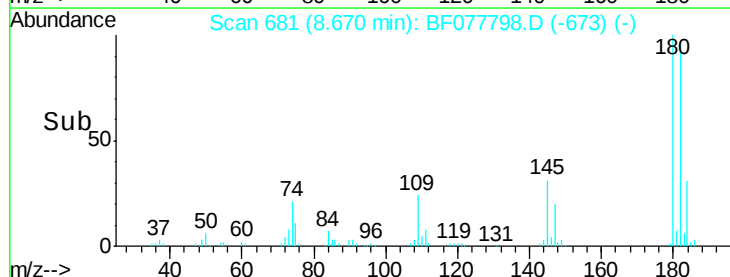
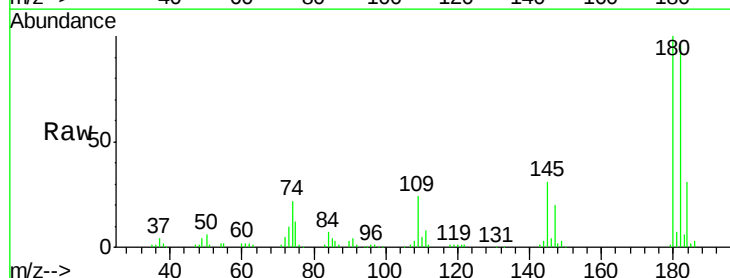
Instrument :
 BNA_F
 ClientSampleId :
 PB82120BSD

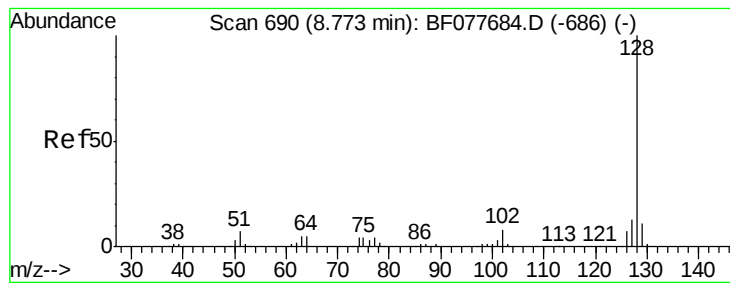
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.9	42.8	82.8
98	38.2	14.5	54.5



#30
 1,2,4-Trichlorobenzene
 Concen: 37.12 ng
 RT: 8.67 min Scan# 681
 Delta R.T. -0.01 min
 Lab File: BF077798.D
 Acq: 18 Mar 2015 13:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	77.6	116.4
145	31.1	23.4	35.2





#31

Naphthalene

Concen: 37.81 ng

RT: 8.76 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF077798.D

Acq: 18 Mar 2015 13:12

Instrument :

BNA_F

ClientSampleId :

PB82120BSD

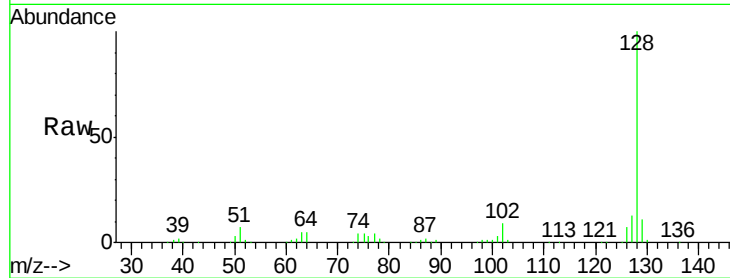
Tgt Ion:128 Resp: 396587

Ion Ratio Lower Upper

128 100

129 11.2 8.9 13.3

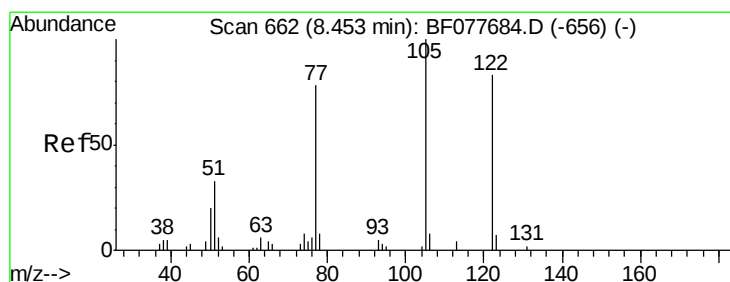
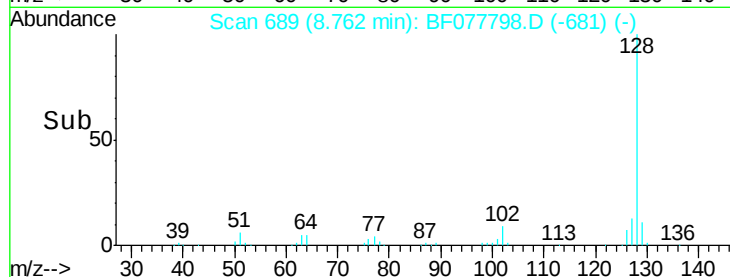
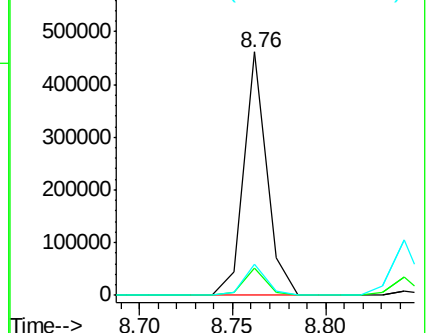
127 12.9 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 31.01 ng

RT: 8.45 min Scan# 662

Delta R.T. -0.00 min

Lab File: BF077798.D

Acq: 18 Mar 2015 13:12

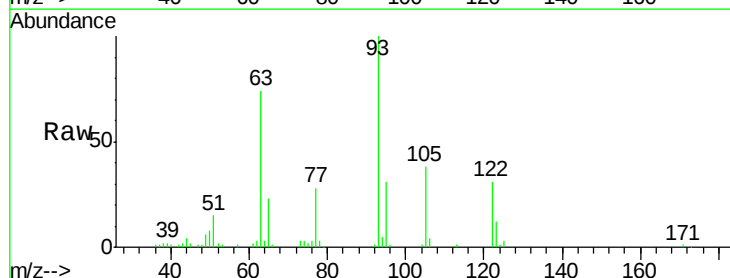
Tgt Ion:122 Resp: 49835

Ion Ratio Lower Upper

122 100

105 123.9 99.9 139.9

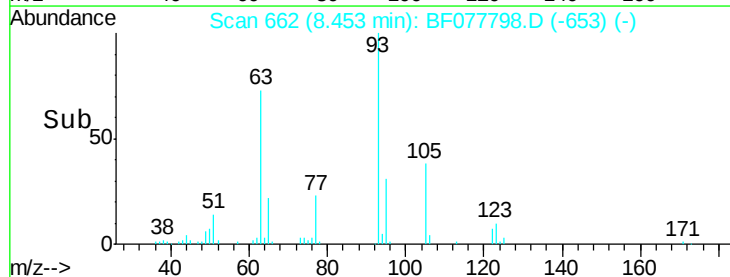
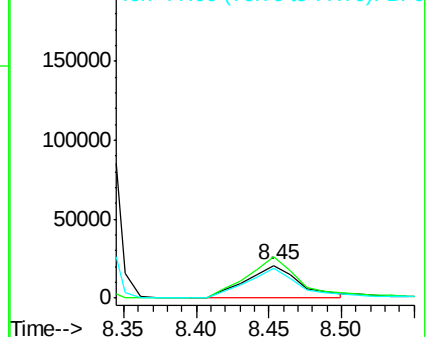
77 90.7 73.7 113.7

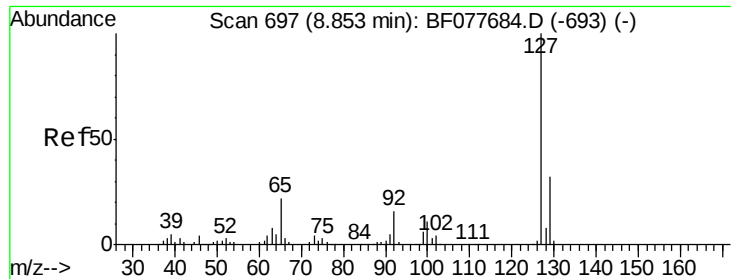


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

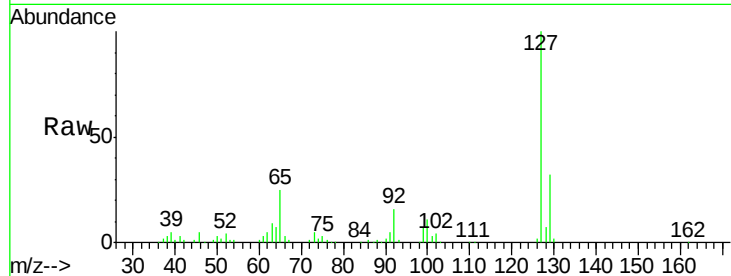




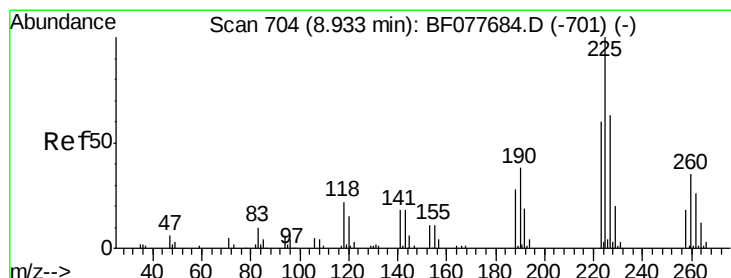
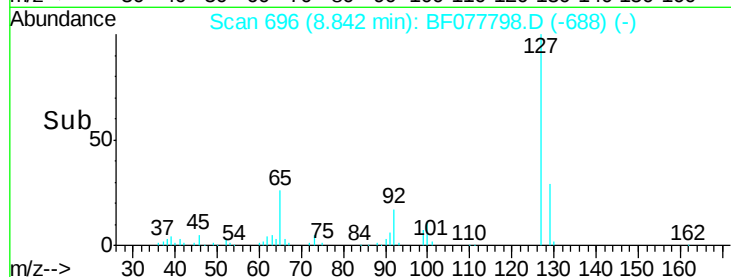
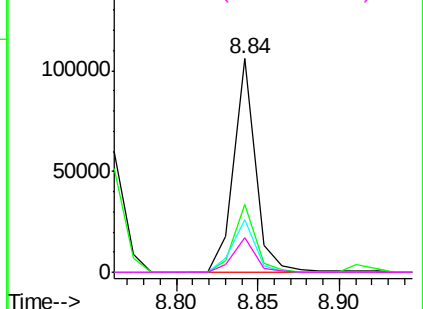
#33
4-Chloroaniline
Concen: 22.95 ng
RT: 8.84 min Scan# 696
Delta R.T. -0.01 min
Lab File: BF077798.D
Acq: 18 Mar 2015 13:12

Instrument :
BNA_F
ClientSampleId :
PB82120BSD

Tgt Ion:	127	Resp:	97686
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.3	37.9
65	24.6	17.6	26.4
92	16.3	13.1	19.7

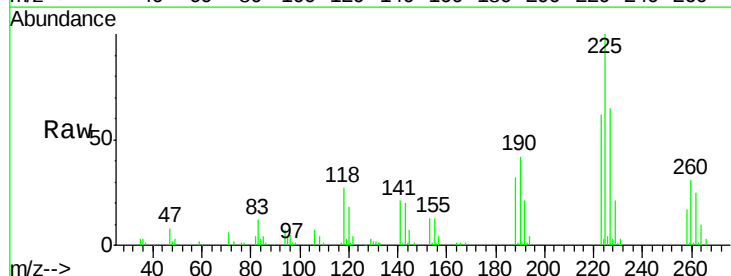


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

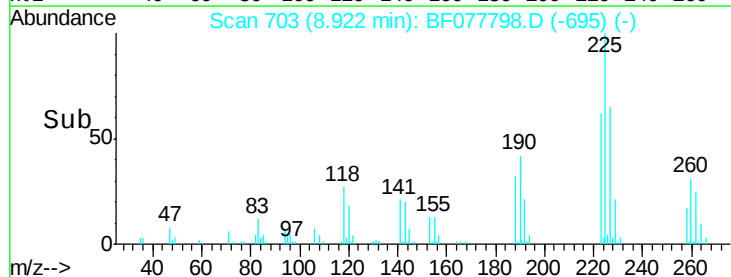
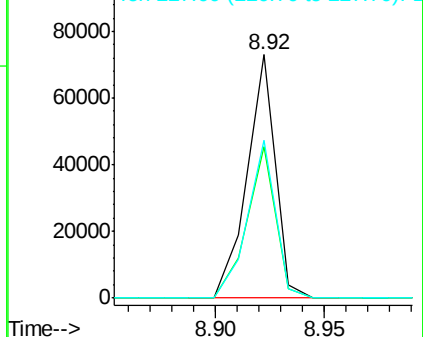


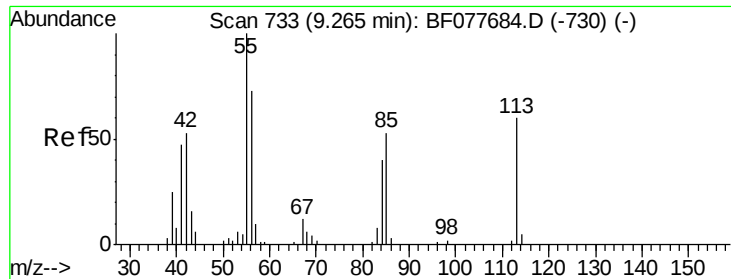
#34
Hexachlorobutadiene
Concen: 36.31 ng
RT: 8.92 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF077798.D
Acq: 18 Mar 2015 13:12

Tgt Ion:	225	Resp:	65714
Ion	Ratio	Lower	Upper
225	100		
223	62.2	47.9	71.9
227	64.9	50.1	75.1



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

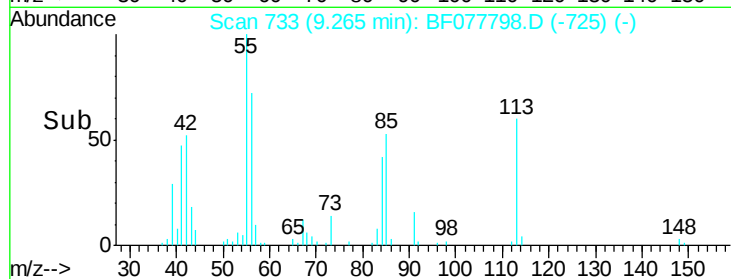
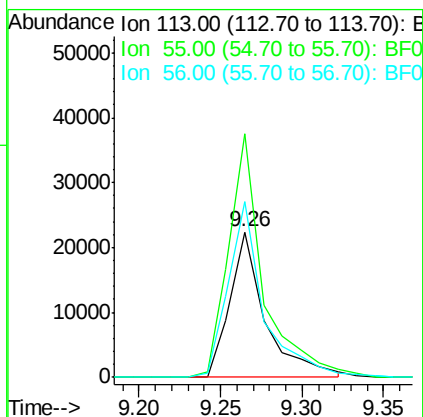
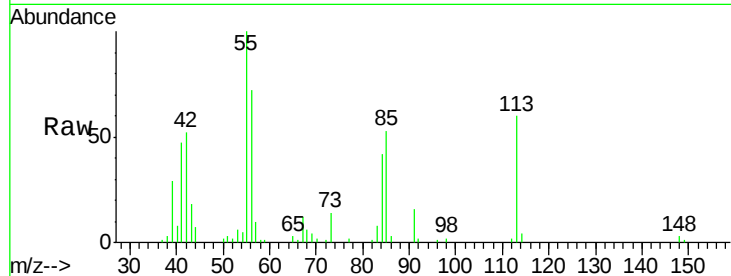




#35
 Caprolactam
 Concen: 40.16 ng
 RT: 9.26 min Scan# 733
 Delta R.T. -0.01 min
 Lab File: BF077798.D
 Acq: 18 Mar 2015 13:12

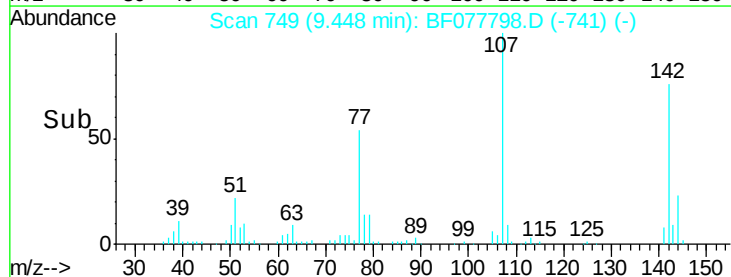
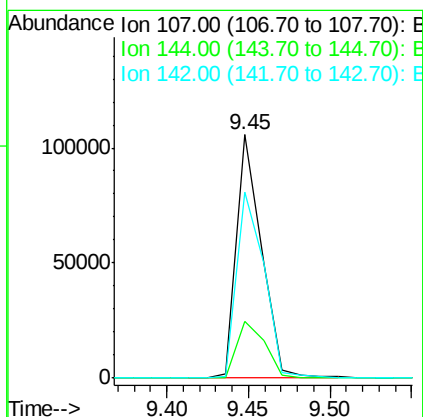
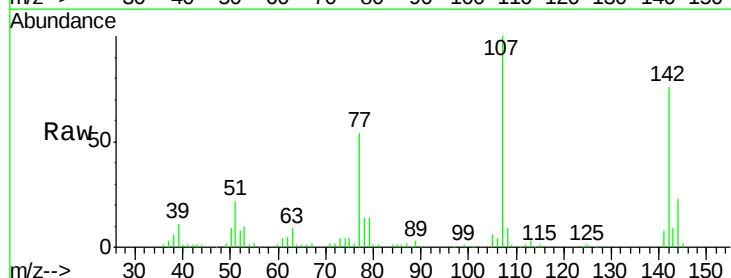
Instrument :
 BNA_F
 ClientSampleId :
 PB82120BSD

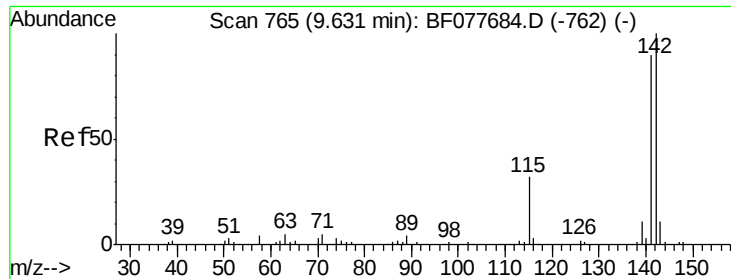
Tgt Ion:113 Resp: 33495
 Ion Ratio Lower Upper
 113 100
 55 167.2 145.9 185.9
 56 120.8 101.0 141.0



#36
 4-Chloro-3-methylphenol
 Concen: 39.09 ng
 RT: 9.45 min Scan# 749
 Delta R.T. -0.01 min
 Lab File: BF077798.D
 Acq: 18 Mar 2015 13:12

Tgt Ion:107 Resp: 112232
 Ion Ratio Lower Upper
 107 100
 144 23.5 23.3 34.9
 142 76.2 72.6 109.0

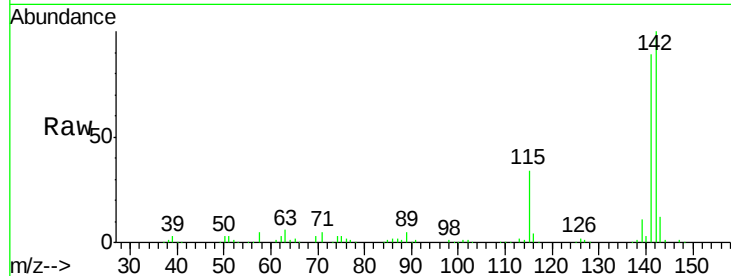




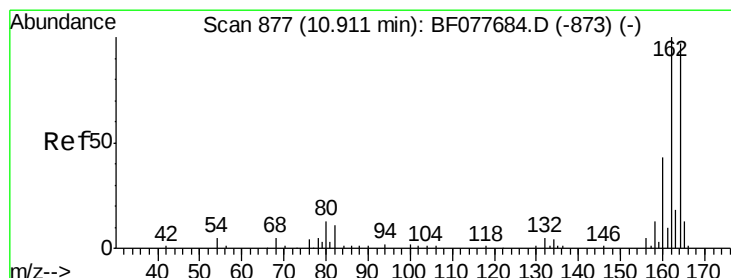
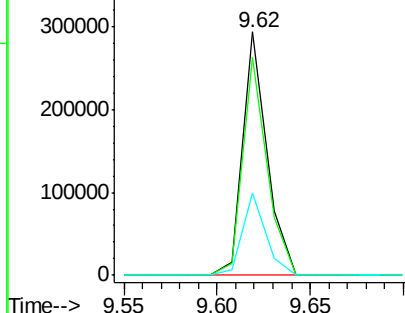
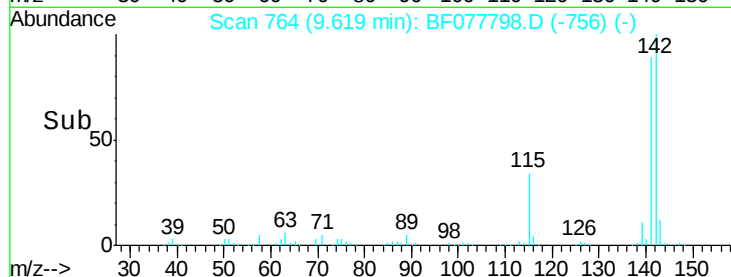
#37
 2-Methylnaphthalene
 Concen: 37.81 ng
 RT: 9.62 min Scan# 764
 Delta R.T. -0.01 min
 Lab File: BF077798.D
 Acq: 18 Mar 2015 13:12

Instrument :
 BNA_F
 ClientSampleId :
 PB82120BSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.9	107.9
115	34.0	25.4	38.0

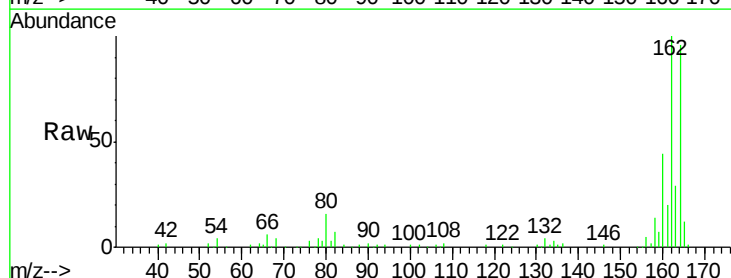


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

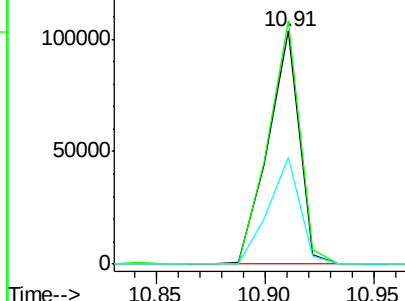
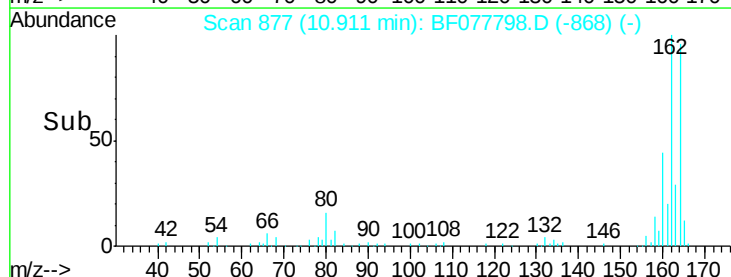


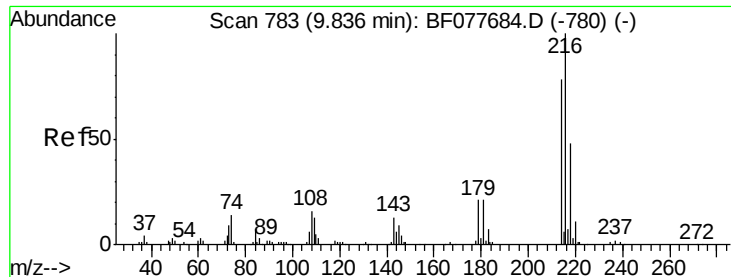
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.91 min Scan# 877
 Delta R.T. -0.00 min
 Lab File: BF077798.D
 Acq: 18 Mar 2015 13:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	82.4	123.6
160	45.6	35.8	53.6



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

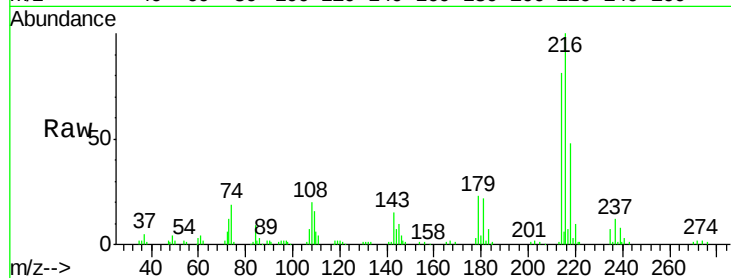




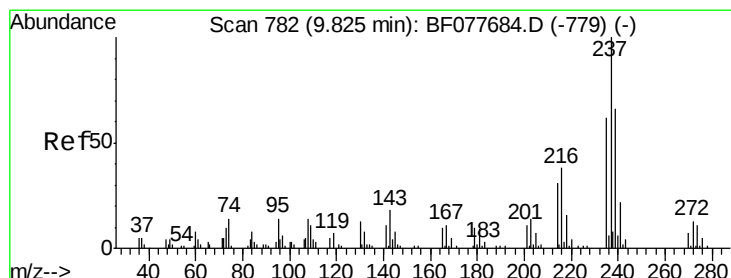
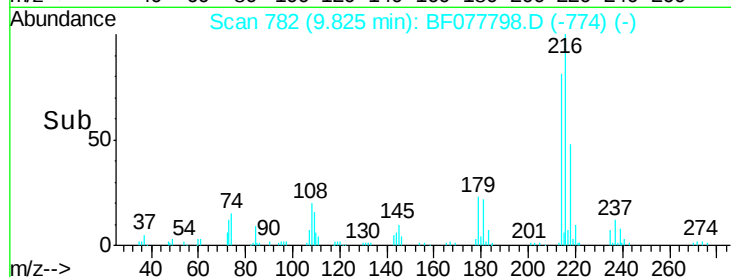
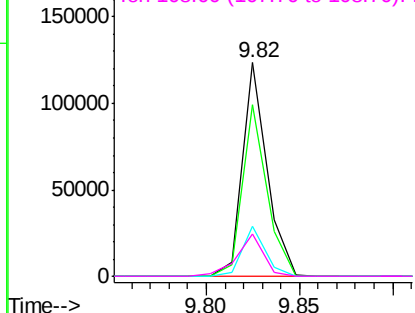
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.21 ng
 RT: 9.82 min Scan# 782
 Delta R.T. -0.01 min
 Lab File: BF077798.D
 Acq: 18 Mar 2015 13:12

Instrument :
 BNA_F
 ClientSampleId :
 PB82120BSD

Tgt Ion:	216	Resp:	112886
Ion	Ratio	Lower	Upper
216	100		
214	80.4	0.0	0.0#
179	22.0	0.0	0.0#
108	21.3	0.0	0.0#

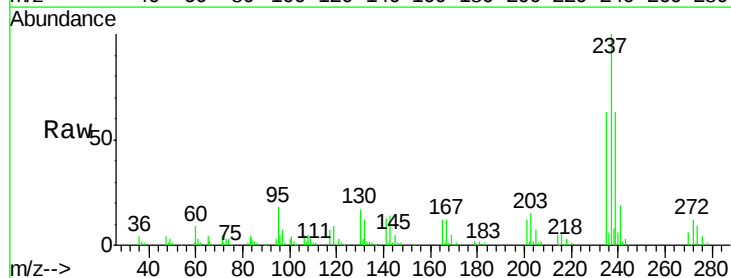


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

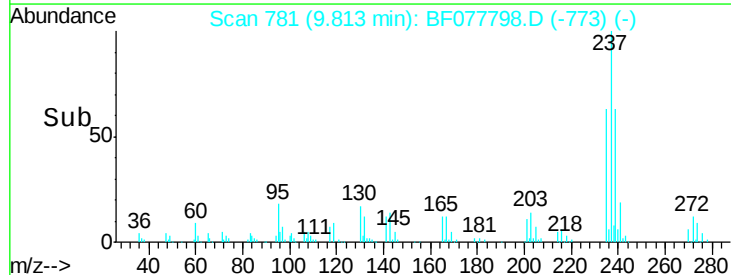
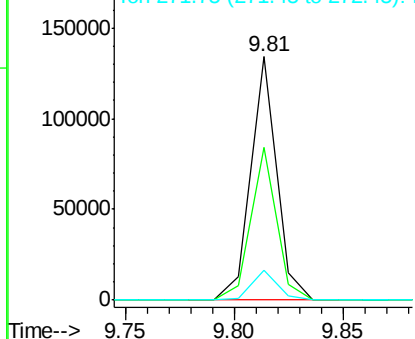


#40
 Hexachlorocyclopentadiene
 Concen: 71.48 ng
 RT: 9.81 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF077798.D
 Acq: 18 Mar 2015 13:12

Tgt Ion:	237	Resp:	111008
Ion	Ratio	Lower	Upper
237	100		
235	62.7	42.0	82.0
272	12.2	0.0	33.4



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

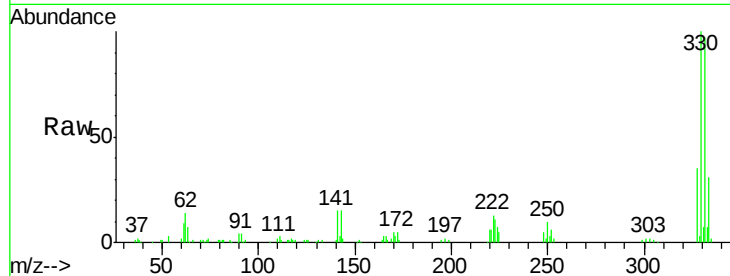




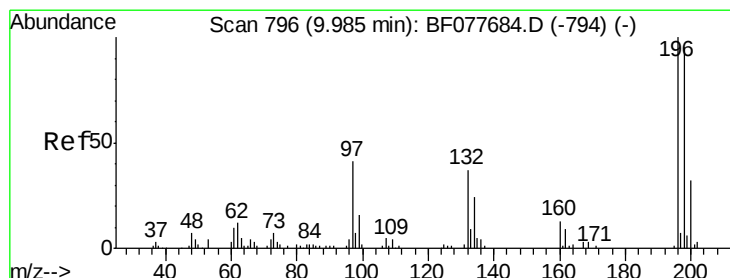
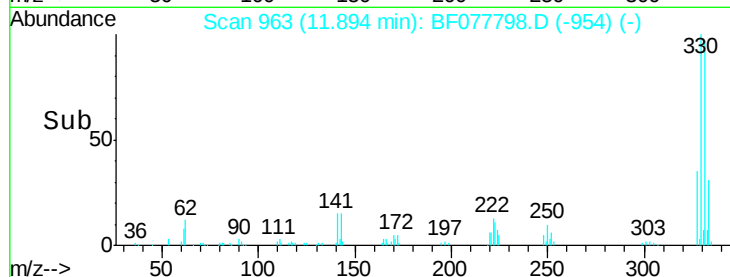
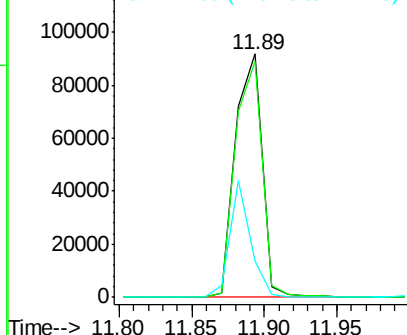
#41
 2,4,6-Tribromophenol
 Concen: 118.46 ng
 RT: 11.89 min Scan# 963
 Delta R.T. -0.00 min
 Lab File: BF077798.D
 Acq: 18 Mar 2015 13:12

Instrument :
 BNA_F
 ClientSampleId :
 PB82120BSD

Tgt Ion:330 Resp: 118463
 Ion Ratio Lower Upper
 330 100
 332 97.1 0.0 0.0#
 141 36.7 0.0 0.0#

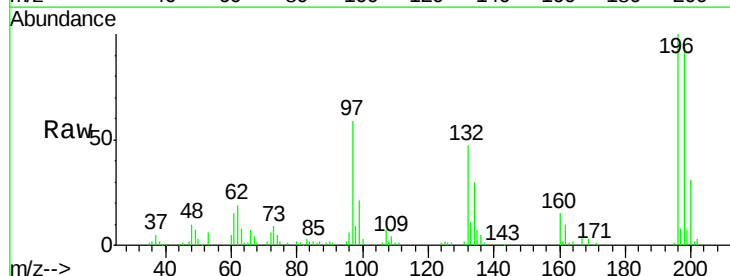


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

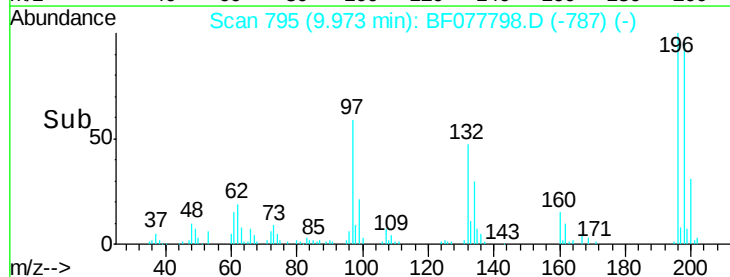
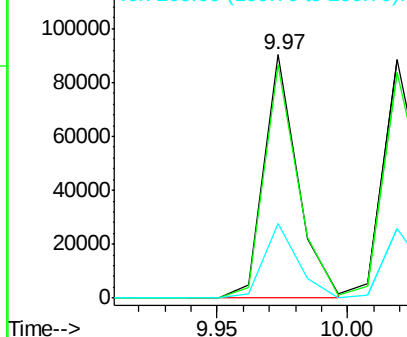


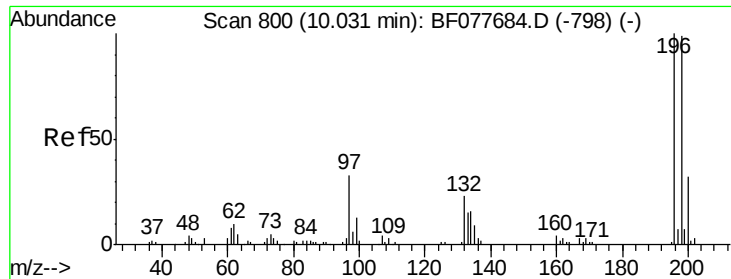
#42
 2,4,6-Trichlorophenol
 Concen: 37.73 ng
 RT: 9.97 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF077798.D
 Acq: 18 Mar 2015 13:12

Tgt Ion:196 Resp: 81471
 Ion Ratio Lower Upper
 196 100
 198 95.7 76.3 114.5
 200 30.7 25.6 38.4



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

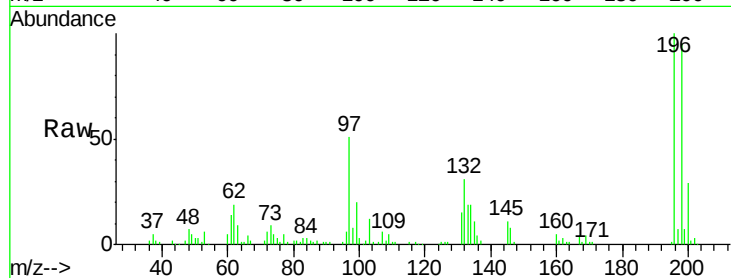




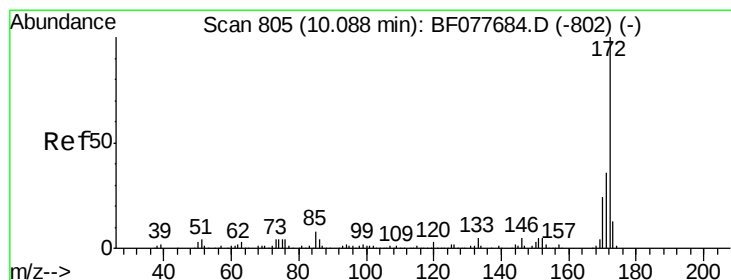
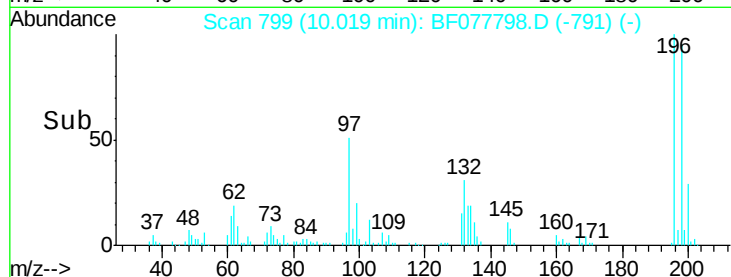
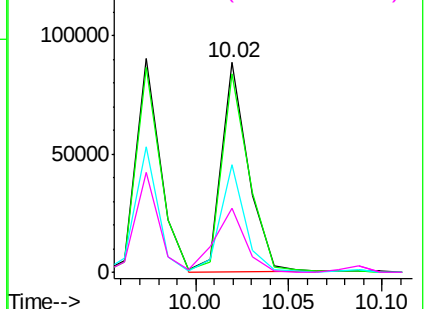
#43
 2,4,5-Trichlorophenol
 Concen: 38.05 ng
 RT: 10.02 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF077798.D
 Acq: 18 Mar 2015 13:12

Instrument :
 BNA_F
 ClientSampleId :
 PB82120BSD

Tgt Ion:196 Resp: 88775
 Ion Ratio Lower Upper
 196 100
 198 94.5 79.4 119.0
 97 51.4 26.8 40.2#
 132 30.8 18.6 28.0#

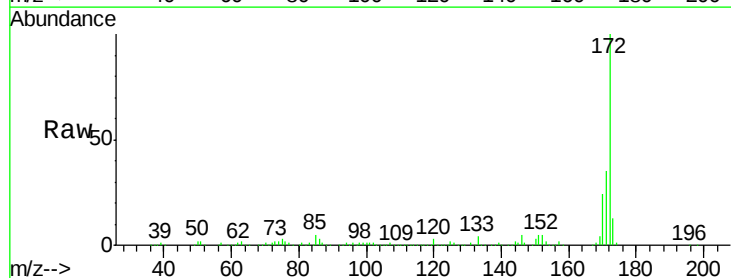


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

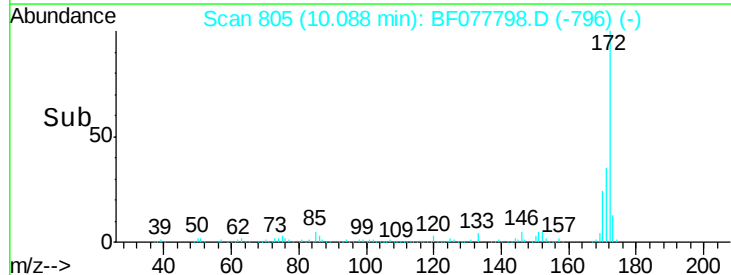
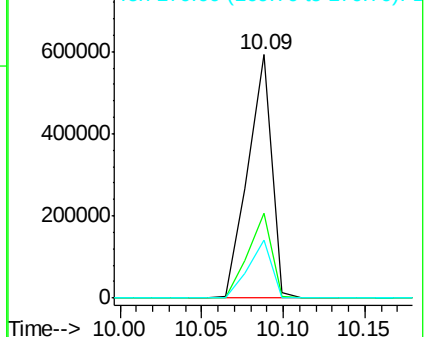


#44
 2-Fluorobiphenyl
 Concen: 84.46 ng
 RT: 10.09 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF077798.D
 Acq: 18 Mar 2015 13:12

Tgt Ion:172 Resp: 600735
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.5 42.7
 170 23.8 18.8 28.2



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

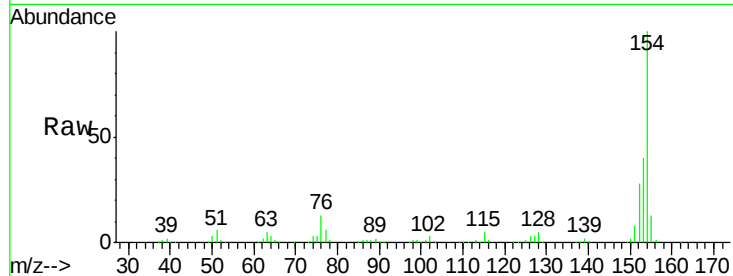




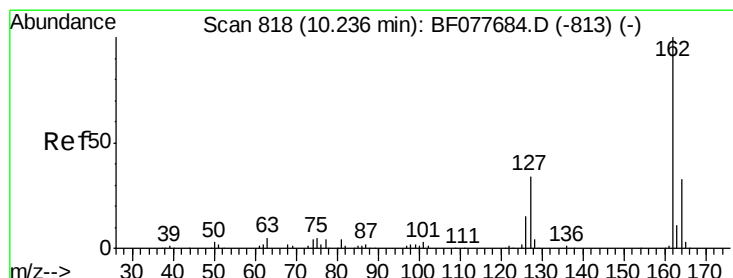
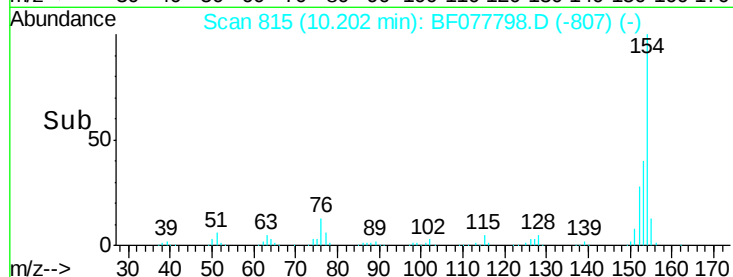
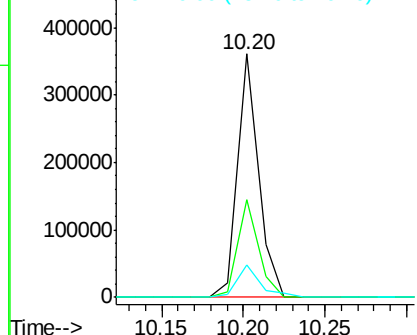
#45
 1,1'-Biphenyl
 Concen: 37.97 ng
 RT: 10.20 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF077798.D
 Acq: 18 Mar 2015 13:12

Instrument :
 BNA_F
 ClientSampleId :
 PB82120BSD

Tgt Ion:154 Resp: 317225
 Ion Ratio Lower Upper
 154 100
 153 39.9 20.7 60.7
 76 13.2 0.0 30.9

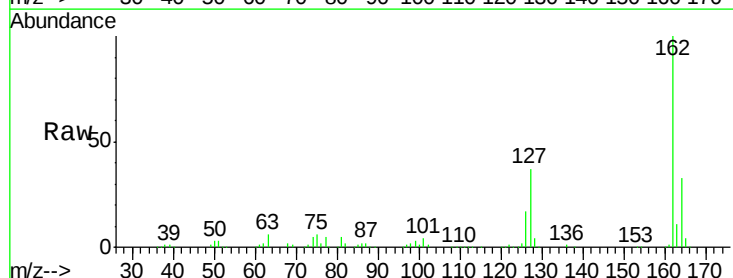


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

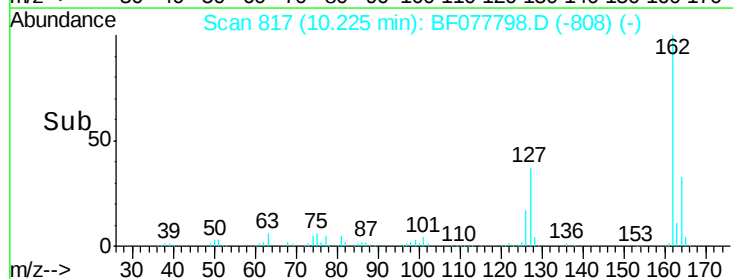
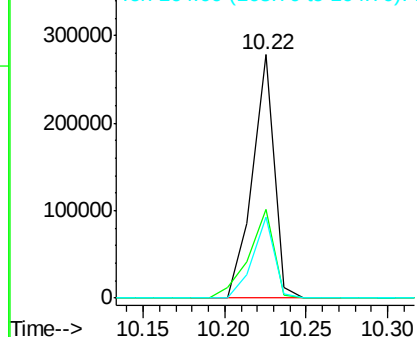


#46
 2-Chloronaphthalene
 Concen: 38.01 ng
 RT: 10.22 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BF077798.D
 Acq: 18 Mar 2015 13:12

Tgt Ion:162 Resp: 258126
 Ion Ratio Lower Upper
 162 100
 127 36.7 26.9 40.3
 164 33.1 26.8 40.2



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

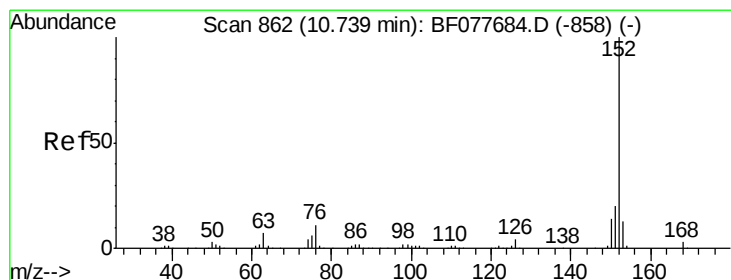
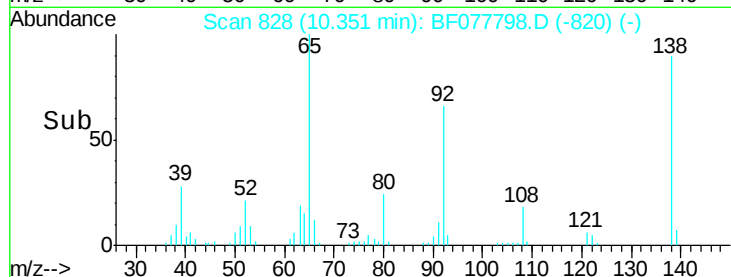
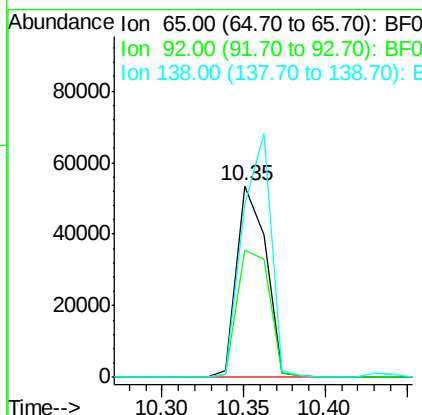
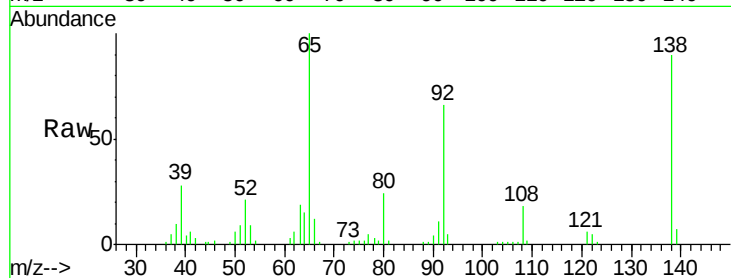




#47
2-Nitroaniline
Concen: 39.40 ng
RT: 10.35 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF077798.D
Acq: 18 Mar 2015 13:12

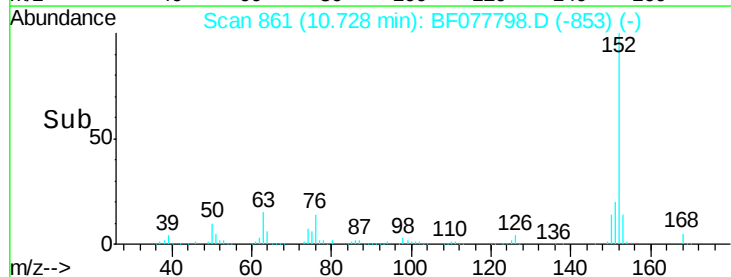
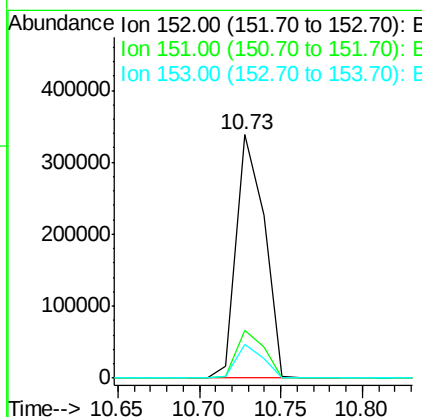
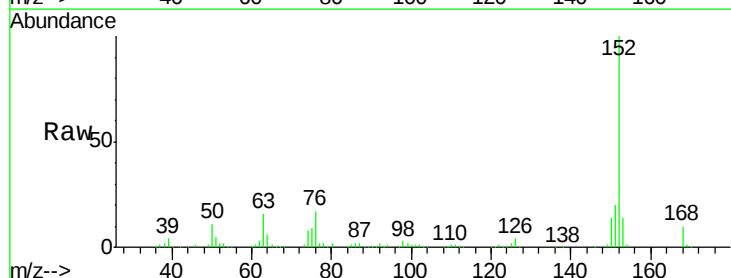
Instrument :
BNA_F
ClientSampleId :
PB82120BSD

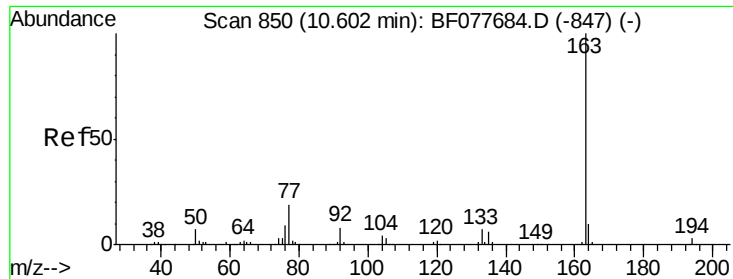
Tgt Ion: 65 Resp: 66438
Ion Ratio Lower Upper
65 100
92 66.4 59.1 88.7
138 90.4 93.9 140.9#



#48
Acenaphthylene
Concen: 35.48 ng
RT: 10.73 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF077798.D
Acq: 18 Mar 2015 13:12

Tgt Ion: 152 Resp: 400630
Ion Ratio Lower Upper
152 100
151 19.6 15.9 23.9
153 13.8 10.6 16.0





#49

Dimethylphthalate

Concen: 37.00 ng

RT: 10.59 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF077798.D

Acq: 18 Mar 2015 13:12

Instrument :

BNA_F

ClientSampleId :

PB82120BSD

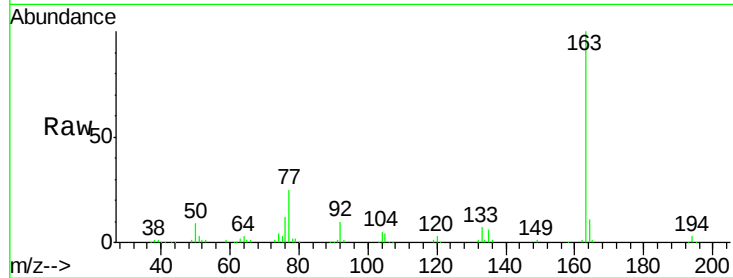
Tgt Ion:163 Resp: 286871

Ion Ratio Lower Upper

163 100

194 3.2 2.7 4.1

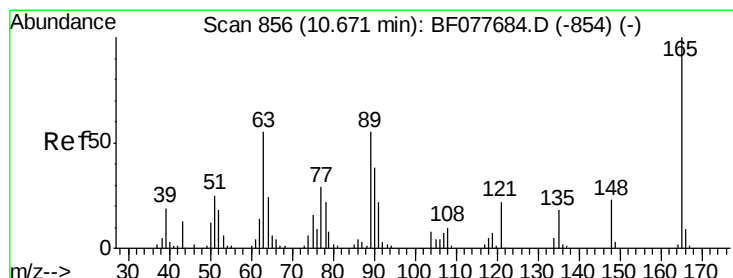
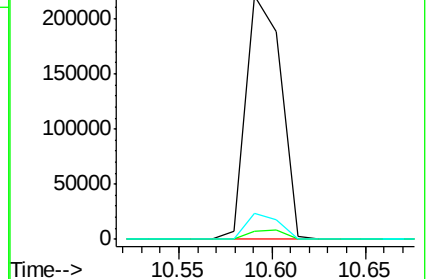
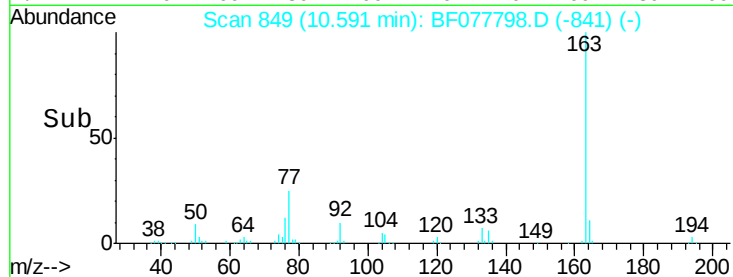
164 10.8 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 42.55 ng

RT: 10.67 min Scan# 856

Delta R.T. -0.00 min

Lab File: BF077798.D

Acq: 18 Mar 2015 13:12

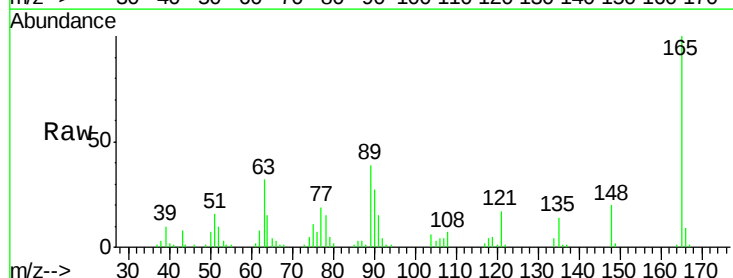
Tgt Ion:165 Resp: 68376

Ion Ratio Lower Upper

165 100

63 31.9 44.1 66.1#

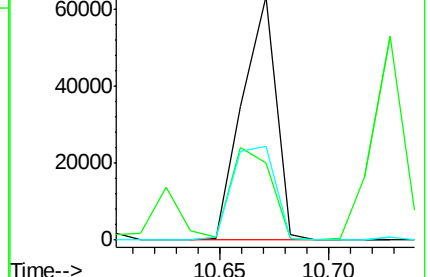
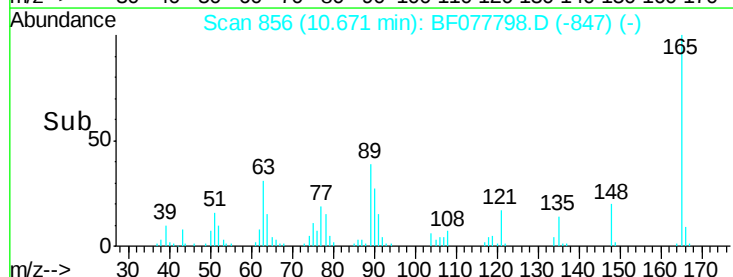
89 38.7 44.3 66.5#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 35.75 ng

RT: 10.94 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF077798.D

Acq: 18 Mar 2015 13:12

Instrument :

BNA_F

ClientSampleId :

PB82120BSD

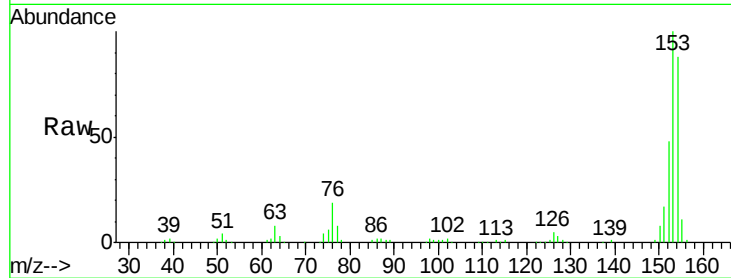
Tgt Ion:154 Resp: 231478

Ion Ratio Lower Upper

154 100

153 113.8 90.0 135.0

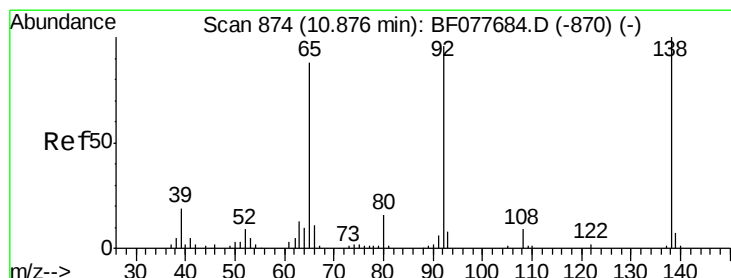
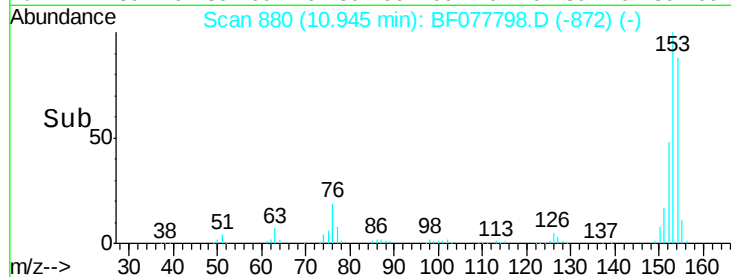
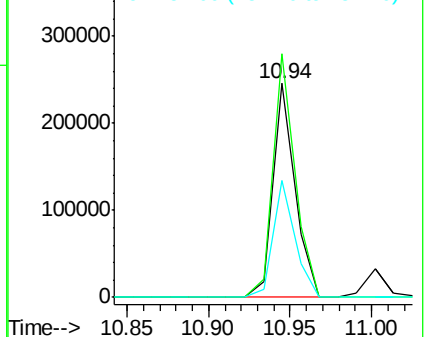
152 54.7 42.6 63.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 28.91 ng

RT: 10.86 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF077798.D

Acq: 18 Mar 2015 13:12

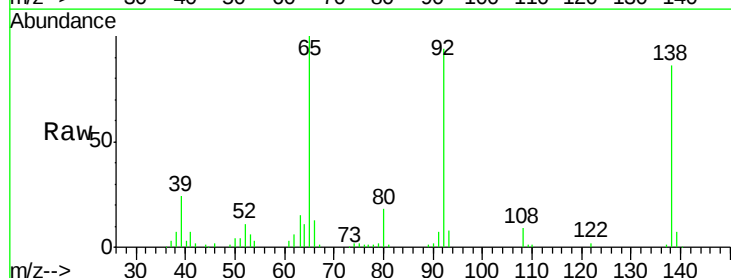
Tgt Ion:138 Resp: 53953

Ion Ratio Lower Upper

138 100

108 10.4 7.3 10.9

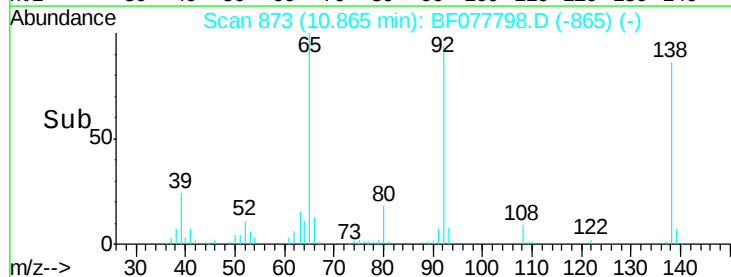
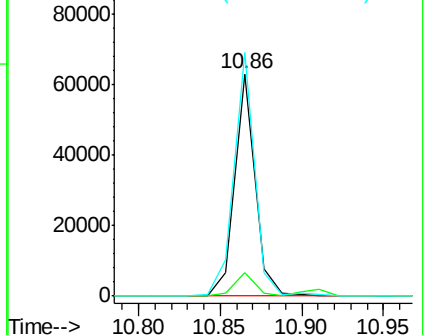
92 109.7 76.6 114.8

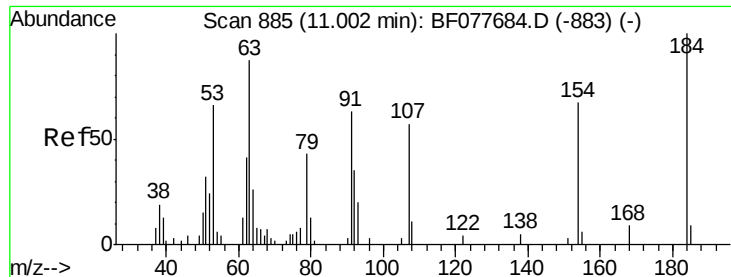


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

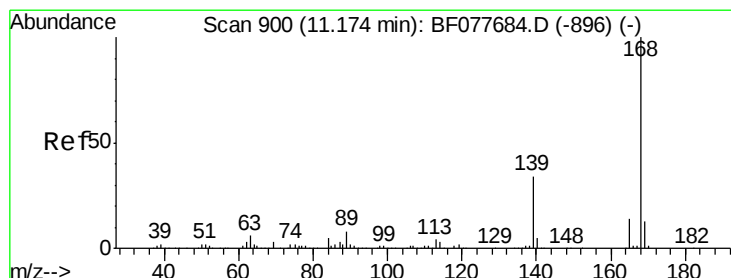
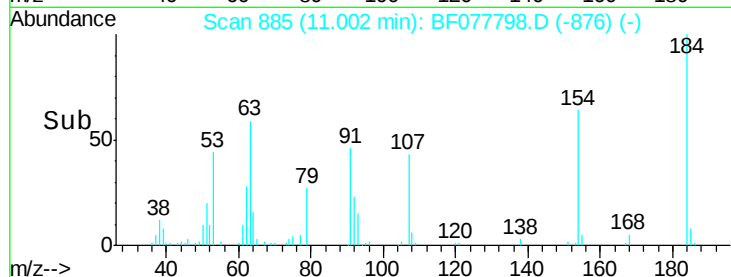
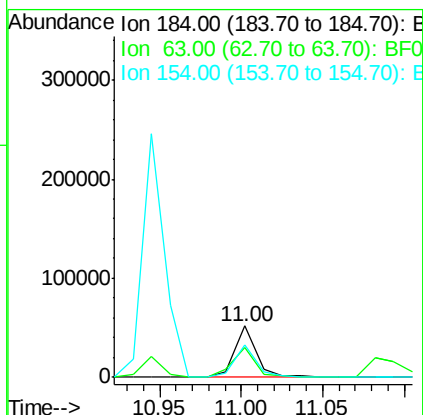
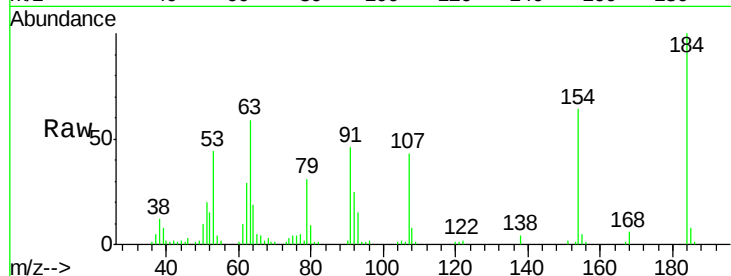




#53
 2,4-Dinitrophenol
 Concen: 80.53 ng
 RT: 11.00 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: BF077798.D
 Acq: 18 Mar 2015 13:12

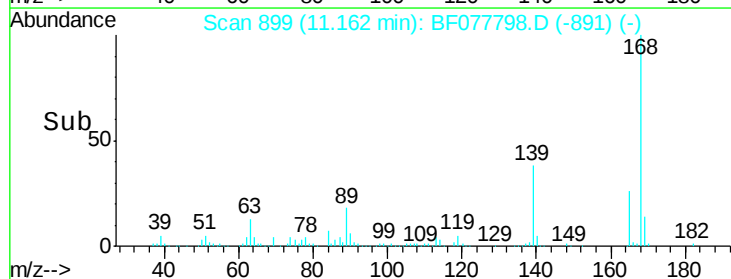
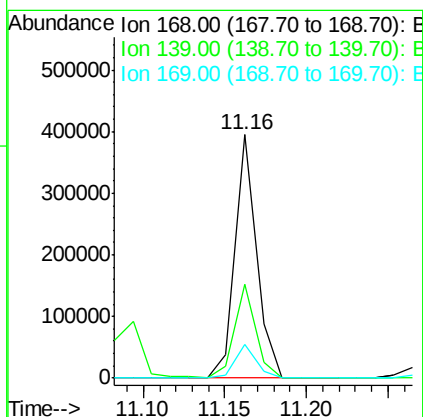
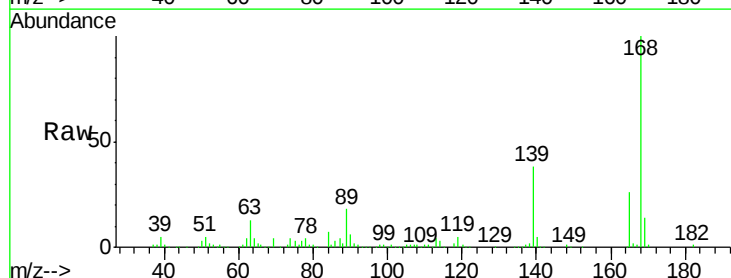
Instrument :
 BNA_F
 ClientSampleId :
 PB82120BSD

Tgt Ion:184 Resp: 47575
 Ion Ratio Lower Upper
 184 100
 63 59.0 69.2 103.8#
 154 63.9 53.3 79.9



#54
 Dibenzofuran
 Concen: 37.37 ng
 RT: 11.16 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF077798.D
 Acq: 18 Mar 2015 13:12

Tgt Ion:168 Resp: 358833
 Ion Ratio Lower Upper
 168 100
 139 38.4 27.3 40.9
 169 13.7 10.6 16.0

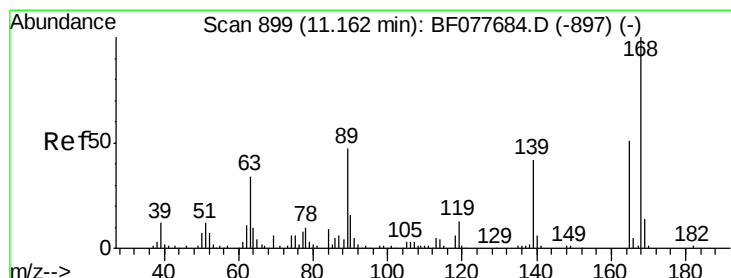
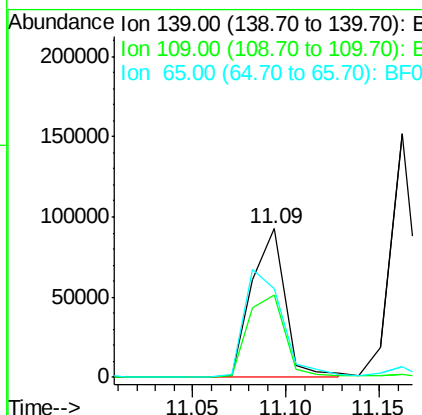
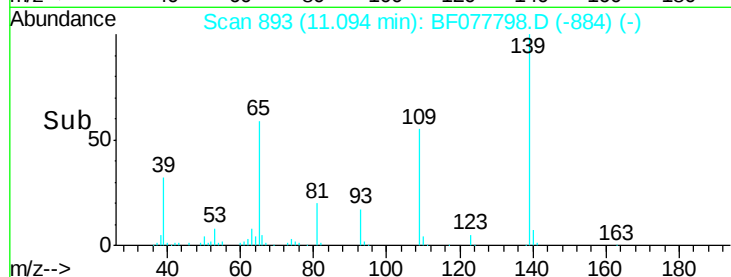
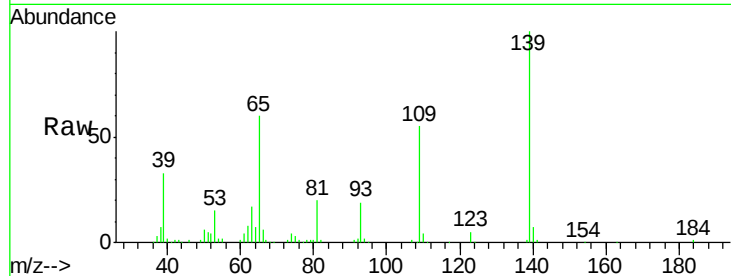




#55
4-Nitrophenol
Concen: 83.12 ng
RT: 11.09 min Scan# 893
Delta R.T. -0.00 min
Lab File: BF077798.D
Acq: 18 Mar 2015 13:12

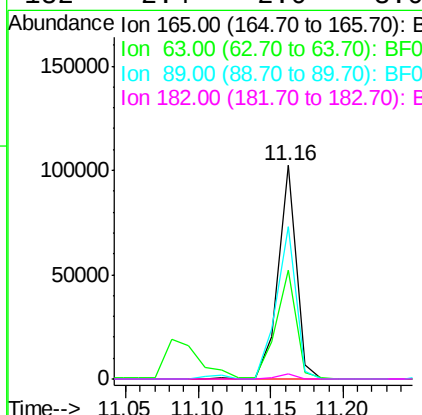
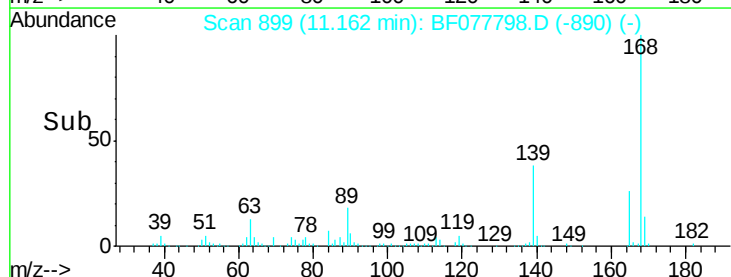
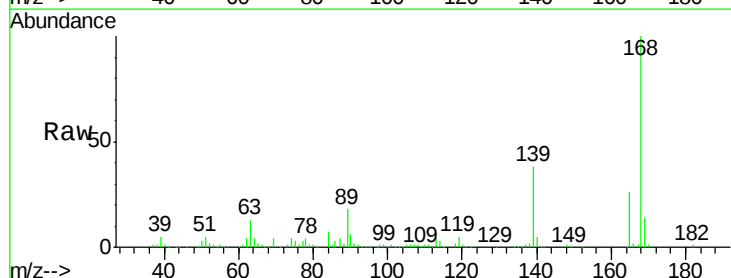
Instrument :
BNA_F
ClientSampleId :
PB82120BSD

Tgt Ion:139 Resp: 114916
Ion Ratio Lower Upper
139 100
109 55.0 37.7 77.7
65 60.1 49.9 89.9



#56
2,4-Dinitrotoluene
Concen: 42.49 ng
RT: 11.16 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF077798.D
Acq: 18 Mar 2015 13:12

Tgt Ion:165 Resp: 89043
Ion Ratio Lower Upper
165 100
63 51.0 52.4 78.6#
89 71.3 72.4 108.6#
182 2.4 2.0 3.0





#57

Fluorene

Concen: 36.79 ng

RT: 11.59 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF077798.D

Acq: 18 Mar 2015 13:12

Instrument :

BNA_F

ClientSampleId :

PB82120BSD

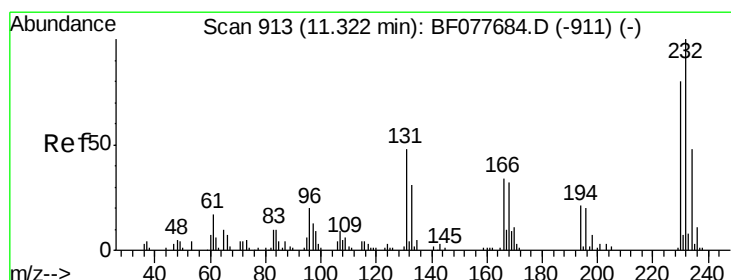
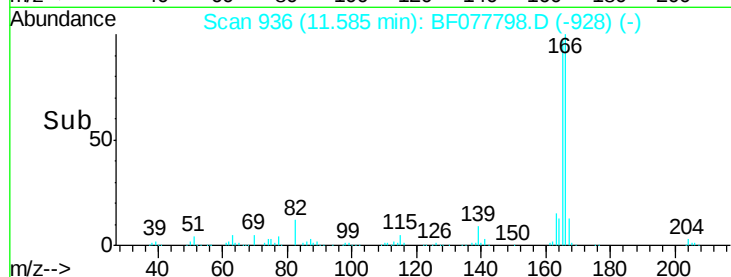
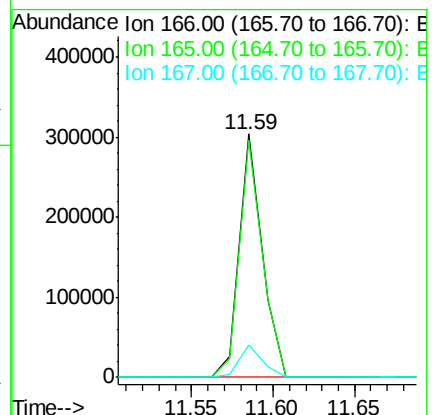
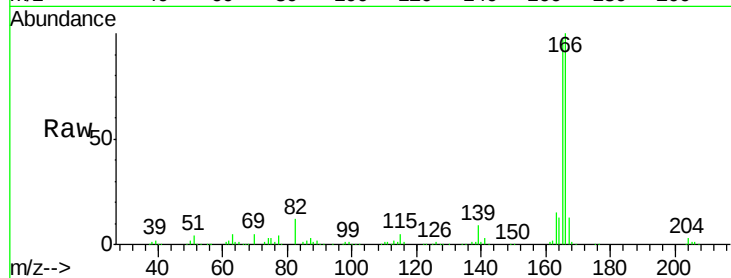
Tgt Ion:166 Resp: 293338

Ion Ratio Lower Upper

166 100

165 97.2 79.0 118.4

167 13.3 10.3 15.5



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.09 ng

RT: 11.32 min Scan# 913

Delta R.T. -0.00 min

Lab File: BF077798.D

Acq: 18 Mar 2015 13:12

Tgt Ion:232 Resp: 68422

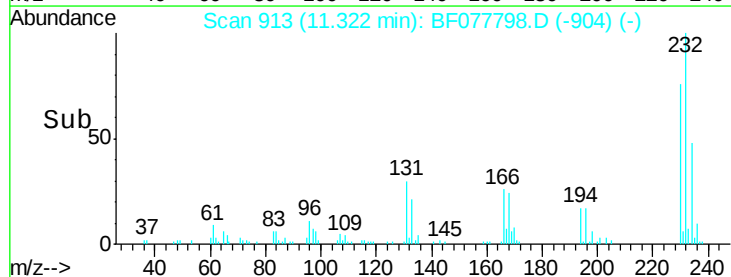
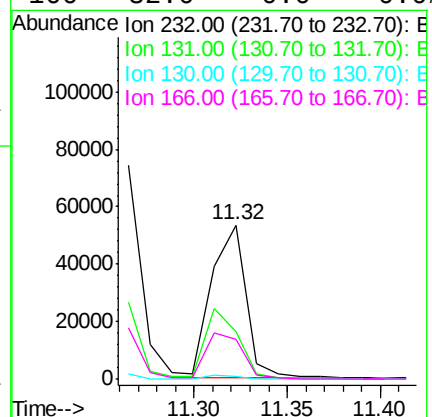
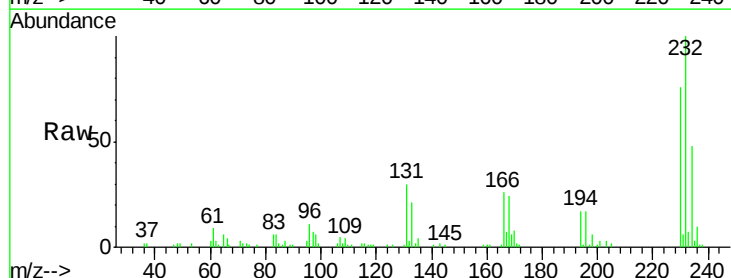
Ion Ratio Lower Upper

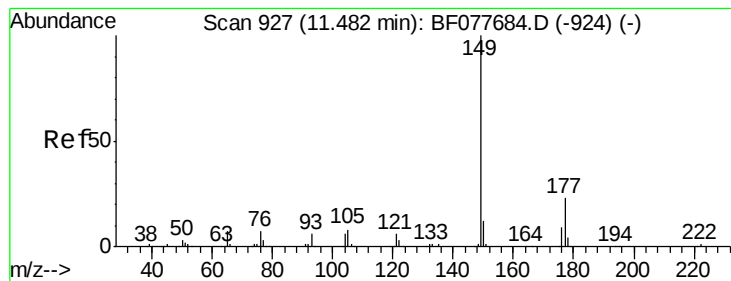
232 100

131 45.7 0.0 0.0#

130 1.9 0.0 0.0#

166 32.0 0.0 0.0#





#59

Diethylphthalate

Concen: 37.76 ng

RT: 11.47 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF077798.D

Acq: 18 Mar 2015 13:12

Instrument :

BNA_F

ClientSampleId :

PB82120BSD

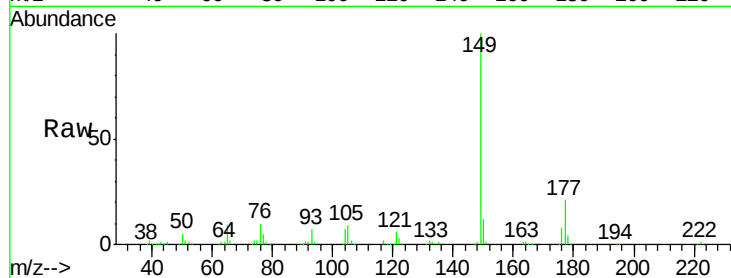
Tgt Ion:149 Resp: 285256

Ion Ratio Lower Upper

149 100

177 20.8 18.3 27.5

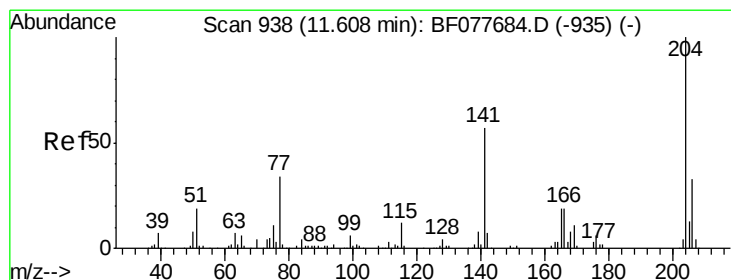
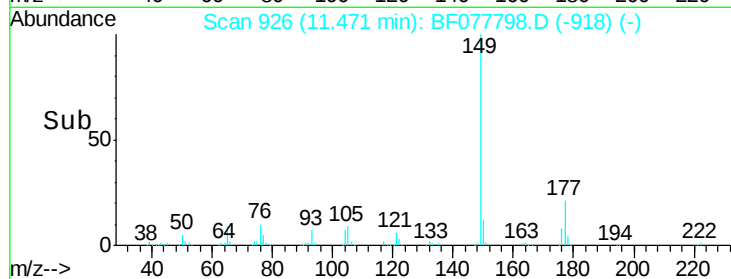
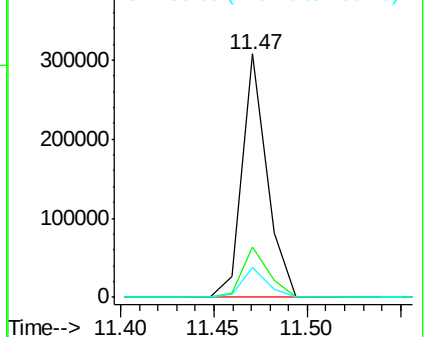
150 12.5 9.8 14.8



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: 36.88 ng

RT: 11.60 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF077798.D

Acq: 18 Mar 2015 13:12

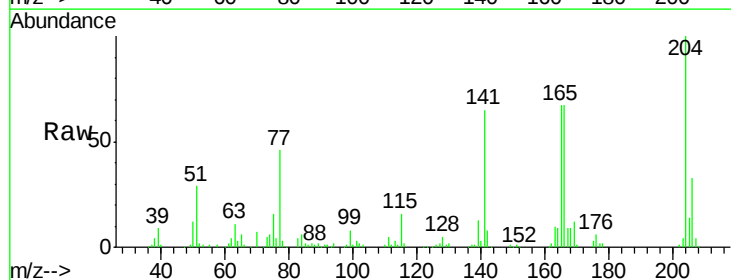
Tgt Ion:204 Resp: 134213

Ion Ratio Lower Upper

204 100

206 32.9 26.6 39.8

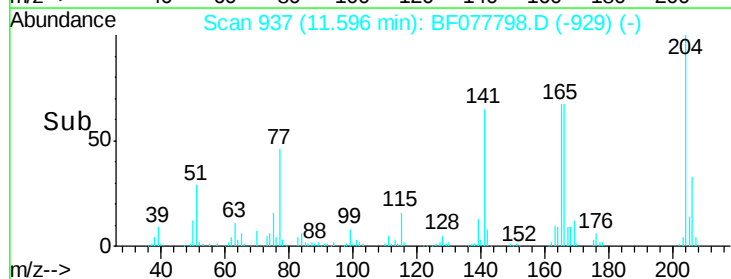
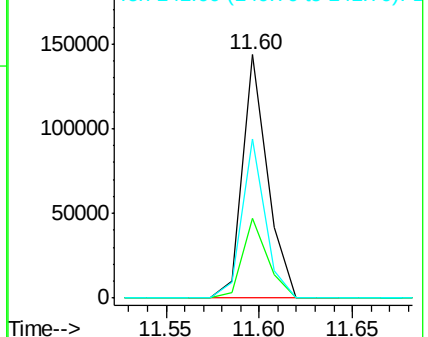
141 65.3 45.2 67.8

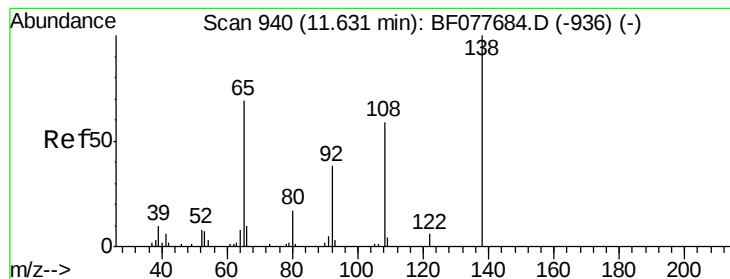


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 36.78 ng

RT: 11.62 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF077798.D

Acq: 18 Mar 2015 13:12

Instrument :

BNA_F

ClientSampleId :

PB82120BSD

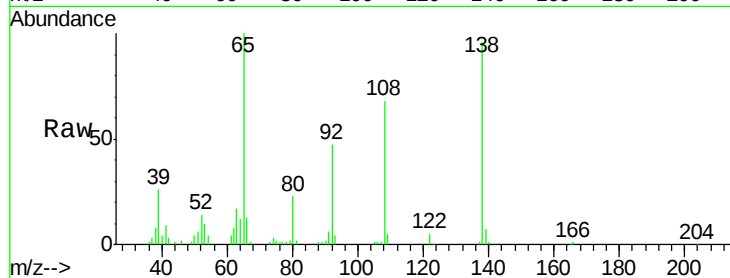
Tgt Ion:138 Resp: 68408

Ion Ratio Lower Upper

138 100

92 49.0 16.7 56.7

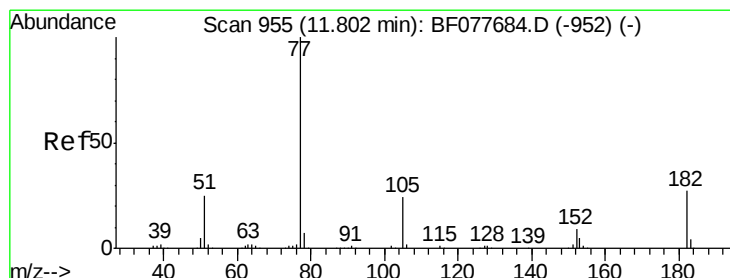
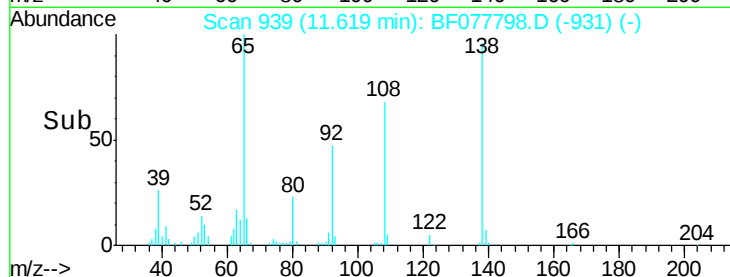
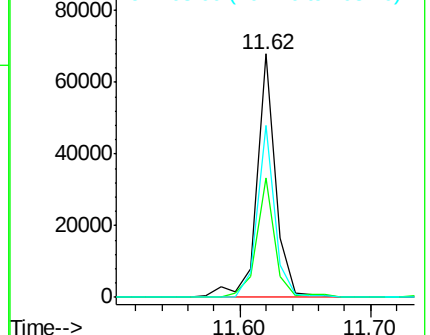
108 70.4 37.6 77.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 37.16 ng

RT: 11.79 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF077798.D

Acq: 18 Mar 2015 13:12

Tgt Ion: 77 Resp: 268305

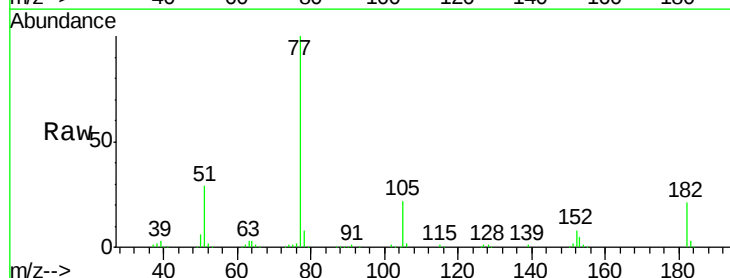
Ion Ratio Lower Upper

77 100

182 20.9 6.5 46.5

105 22.0 3.8 43.8

51 28.7 5.5 45.5

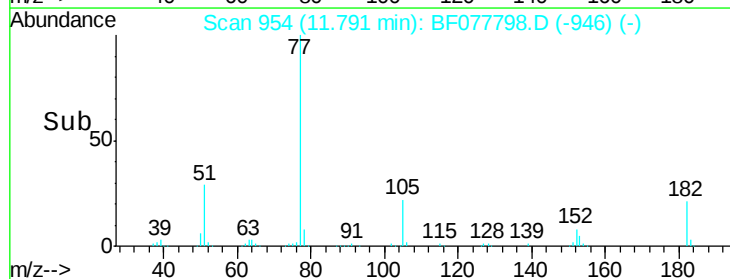
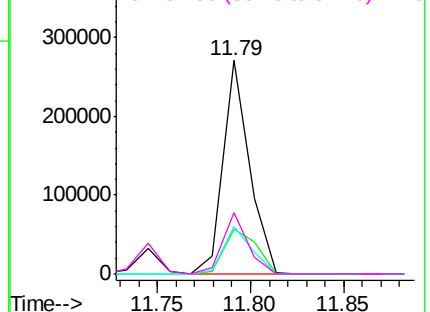


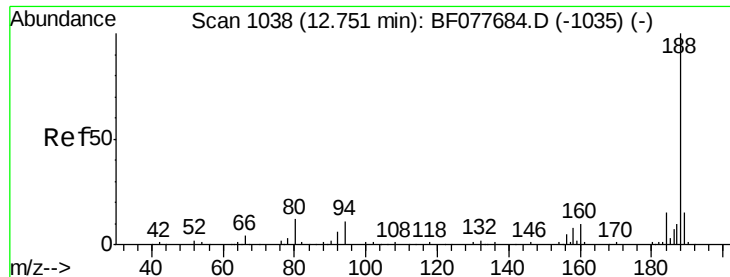
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

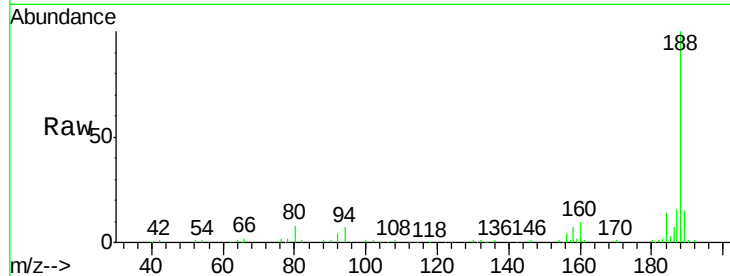




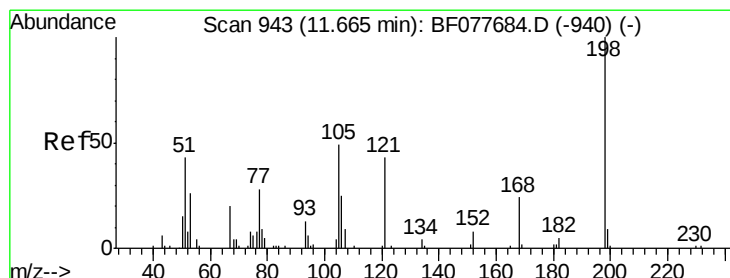
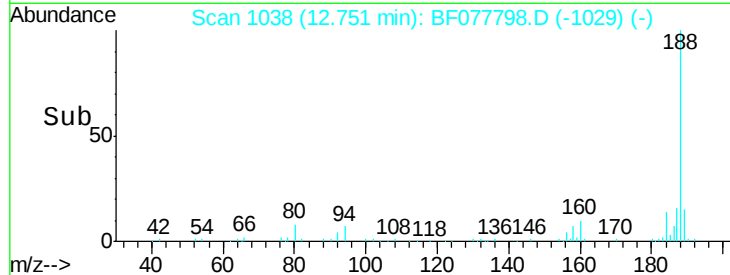
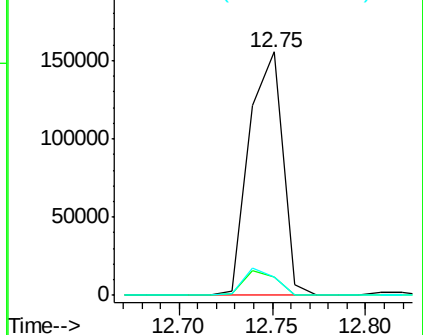
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.75 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF077798.D
Acq: 18 Mar 2015 13:12

Instrument :
BNA_F
ClientSampleId :
PB82120BSD

Tgt Ion:188 Resp: 196893
Ion Ratio Lower Upper
188 100
94 7.4 8.7 13.1#
80 7.8 9.3 13.9#

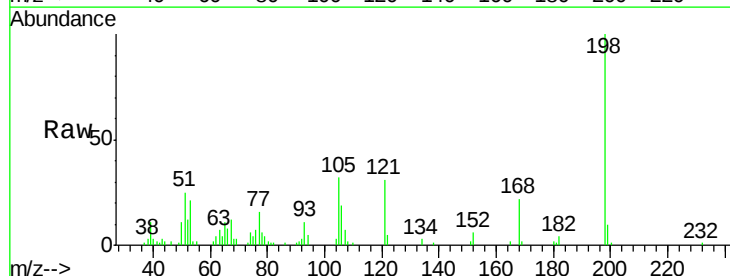


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

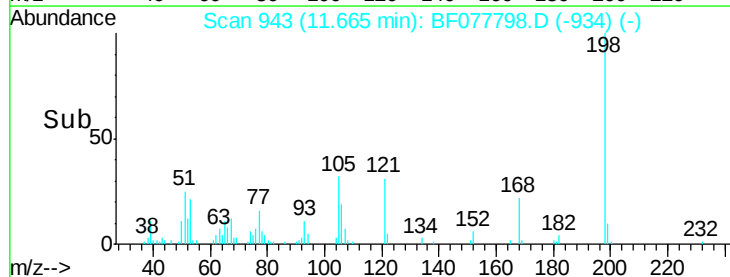
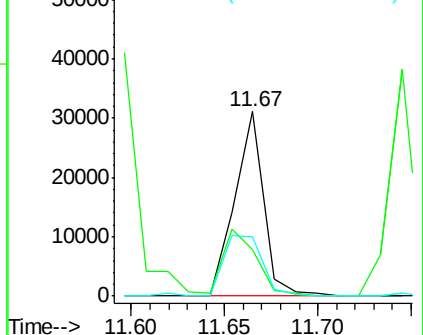


#64
4,6-Dinitro-2-methylphenol
Concen: 37.37 ng
RT: 11.67 min Scan# 943
Delta R.T. -0.00 min
Lab File: BF077798.D
Acq: 18 Mar 2015 13:12

Tgt Ion:198 Resp: 33768
Ion Ratio Lower Upper
198 100
51 25.4 28.8 68.8#
105 32.1 30.5 70.5



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





#65

n-Nitrosodiphenylamine

Concen: 38.60 ng

RT: 11.75 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF077798.D

Acq: 18 Mar 2015 13:12

Instrument :

BNA_F

ClientSampleId :

PB82120BSD

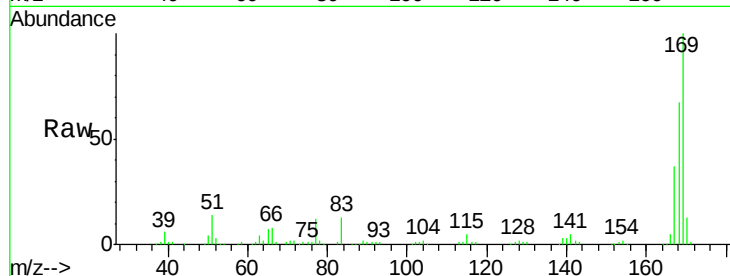
Tgt Ion:169 Resp: 253060

Ion Ratio Lower Upper

169 100

168 66.8 53.9 80.9

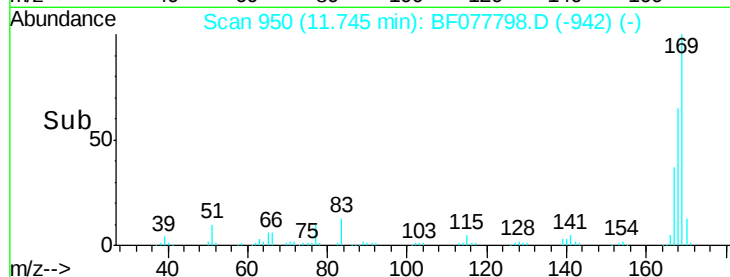
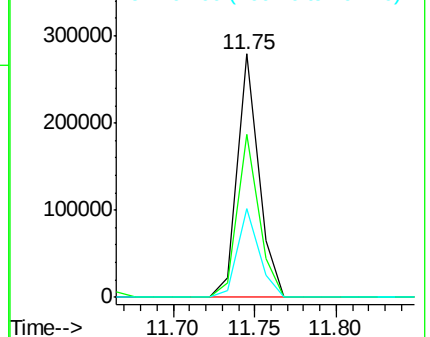
167 36.6 28.9 43.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.58 ng

RT: 12.20 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF077798.D

Acq: 18 Mar 2015 13:12

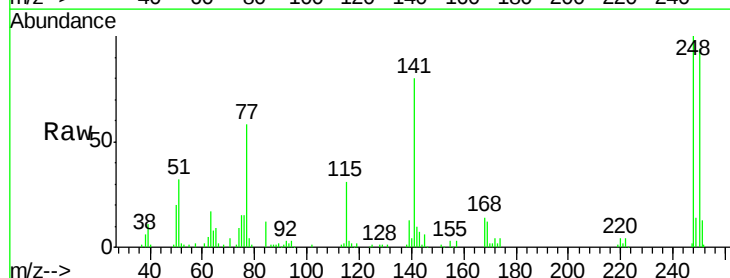
Tgt Ion:248 Resp: 81066

Ion Ratio Lower Upper

248 100

250 94.4 77.4 116.0

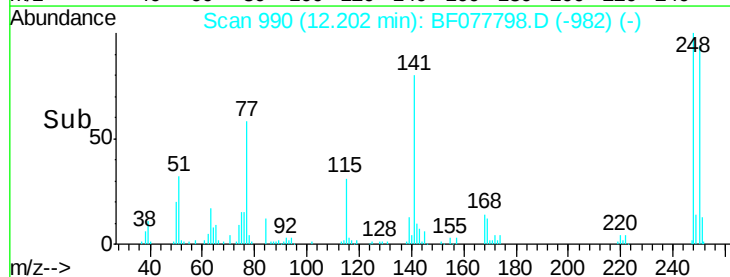
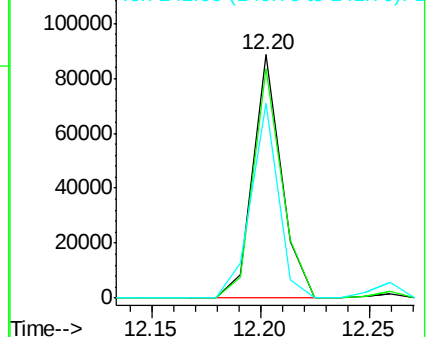
141 79.9 45.2 67.8#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 37.42 ng

RT: 12.26 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF077798.D

Acq: 18 Mar 2015 13:12

Instrument :

BNA_F

ClientSampleId :

PB82120BSD

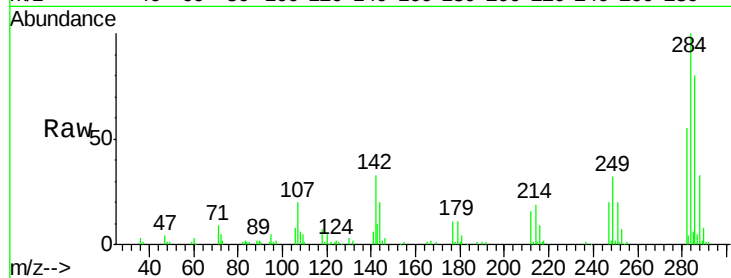
Tgt Ion:284 Resp: 86392

Ion Ratio Lower Upper

284 100

142 32.9 20.4 30.6#

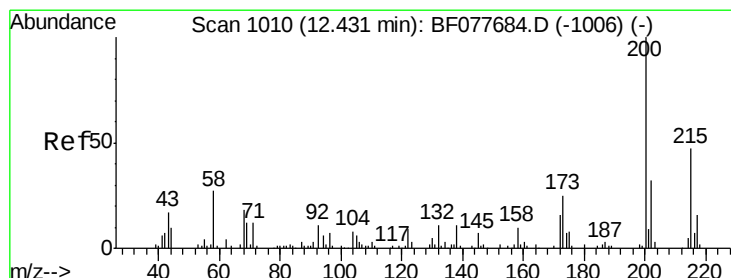
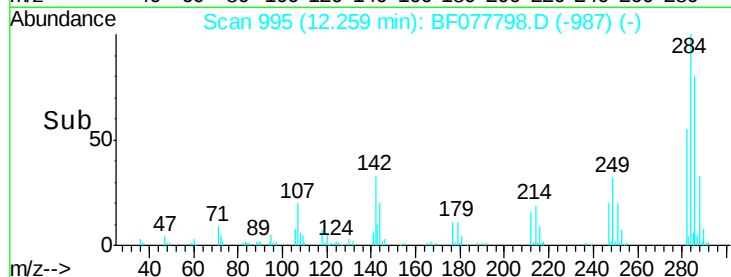
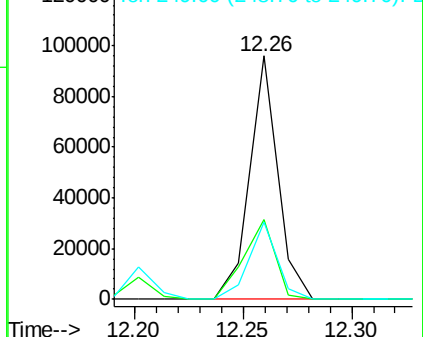
249 31.7 23.8 35.6



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 39.47 ng

RT: 12.42 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF077798.D

Acq: 18 Mar 2015 13:12

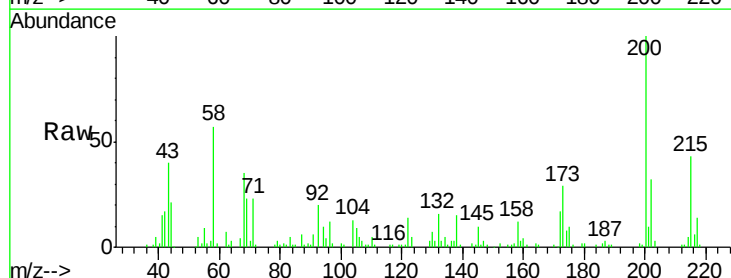
Tgt Ion:200 Resp: 72523

Ion Ratio Lower Upper

200 100

173 28.9 4.8 44.8

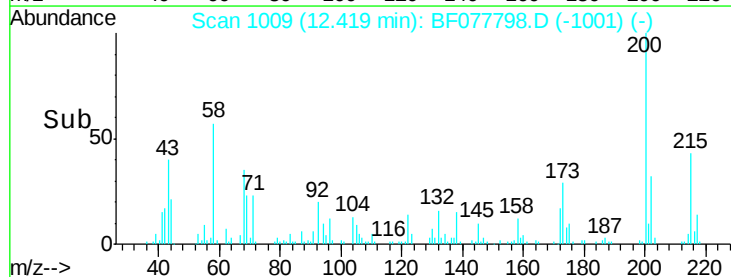
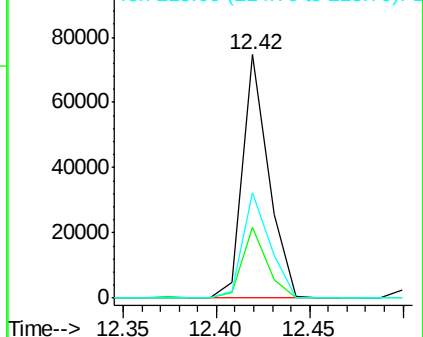
215 43.4 26.9 66.9

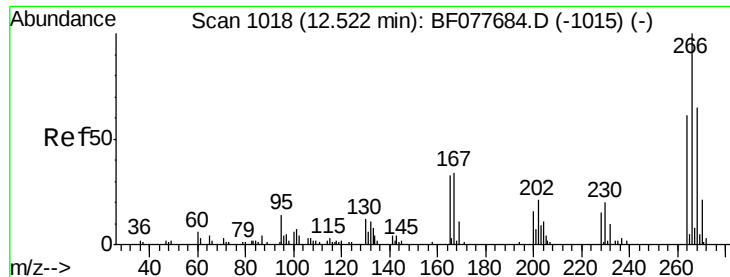


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

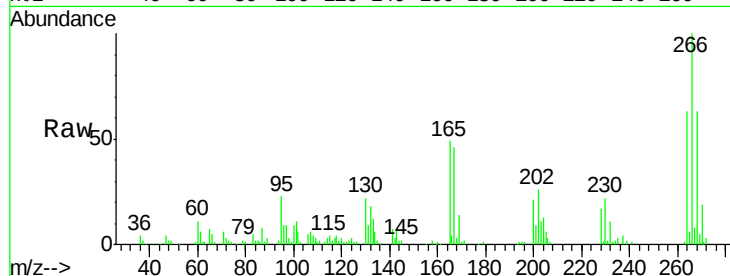




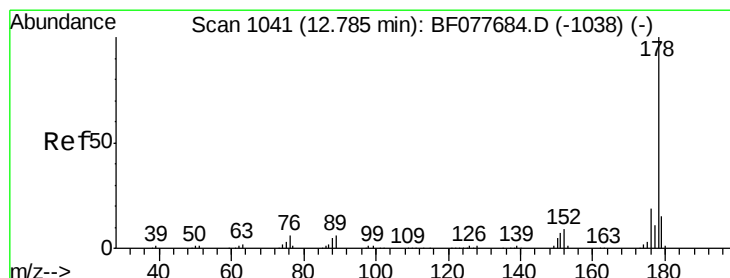
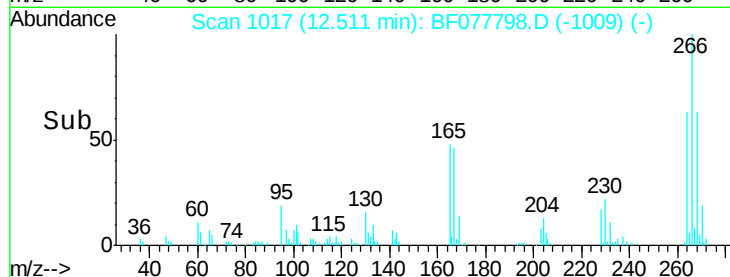
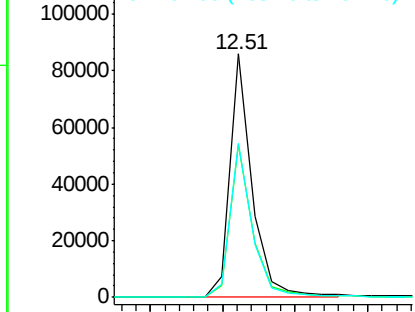
#69
 Pentachlorophenol
 Concen: 75.69 ng
 RT: 12.51 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: BF077798.D
 Acq: 18 Mar 2015 13:12

Instrument :
 BNA_F
 ClientSampleId :
 PB82120BSD

Tgt Ion:266 Resp: 91313
 Ion Ratio Lower Upper
 266 100
 268 62.7 52.0 78.0
 264 63.5 49.0 73.4

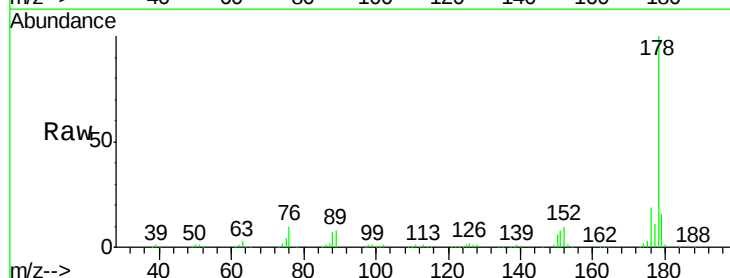


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

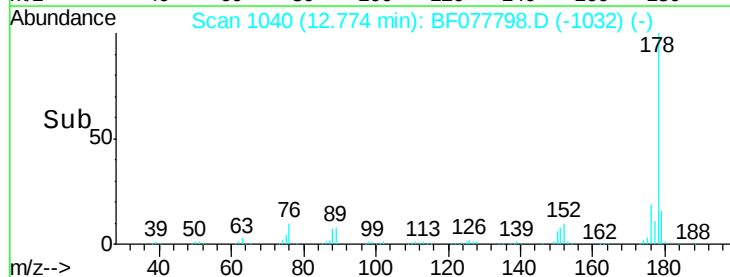
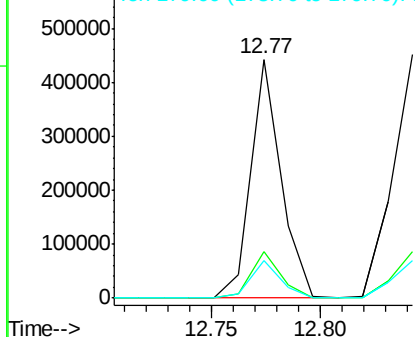


#70
 Phenanthrene
 Concen: 37.82 ng
 RT: 12.77 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BF077798.D
 Acq: 18 Mar 2015 13:12

Tgt Ion:178 Resp: 427467
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.2 22.8
 179 15.8 12.1 18.1



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

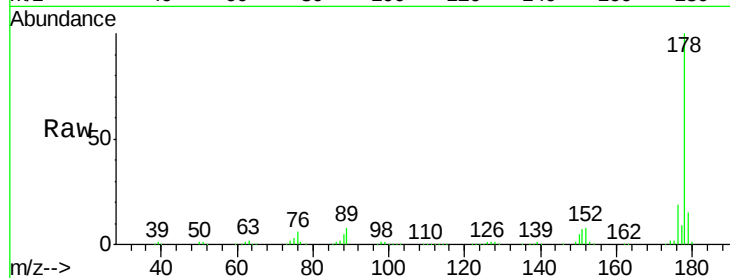




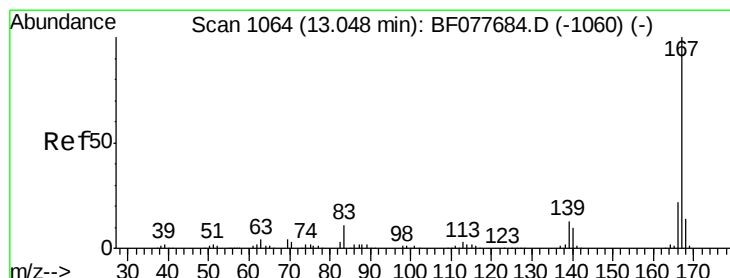
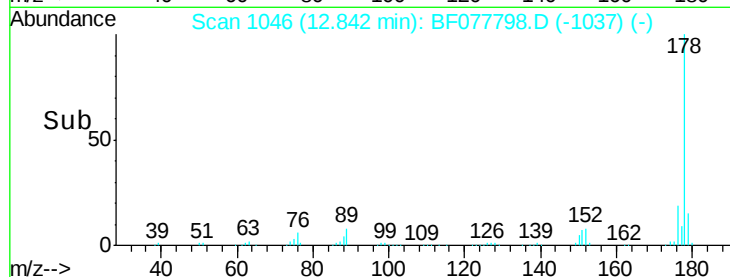
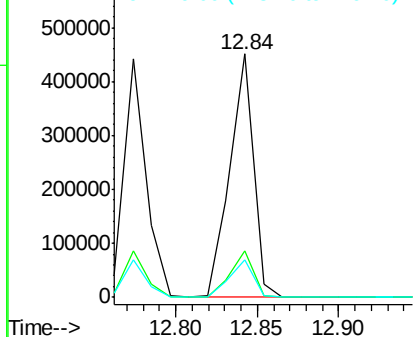
#71
 Anthracene
 Concen: 40.38 ng
 RT: 12.84 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BF077798.D
 Acq: 18 Mar 2015 13:12

Instrument :
 BNA_F
 ClientSampleId :
 PB82120BSD

Tgt Ion:178 Resp: 450965
 Ion Ratio Lower Upper
 178 100
 176 18.9 14.6 22.0
 179 15.3 12.6 19.0

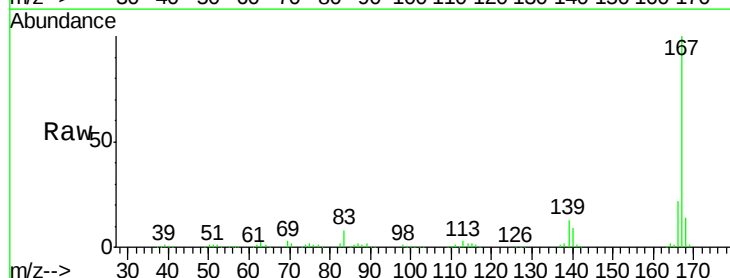


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

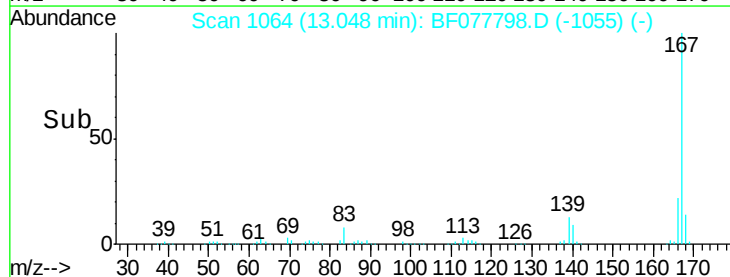
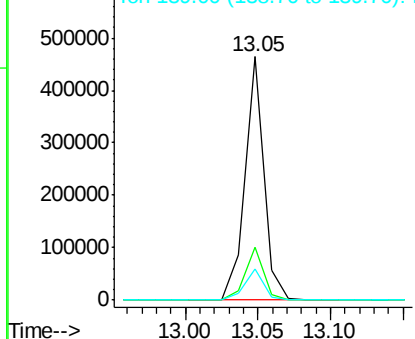


#72
 Carbazole
 Concen: 39.61 ng
 RT: 13.05 min Scan# 1064
 Delta R.T. -0.00 min
 Lab File: BF077798.D
 Acq: 18 Mar 2015 13:12

Tgt Ion:167 Resp: 420802
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.2 25.8
 139 12.7 10.8 16.2



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





#73

Di-n-butylphthalate

Concen: 38.24 ng

RT: 13.51 min Scan# 1104

Delta R.T. -0.00 min

Lab File: BF077798.D

Acq: 18 Mar 2015 13:12

Instrument :

BNA_F

ClientSampleId :

PB82120BSD

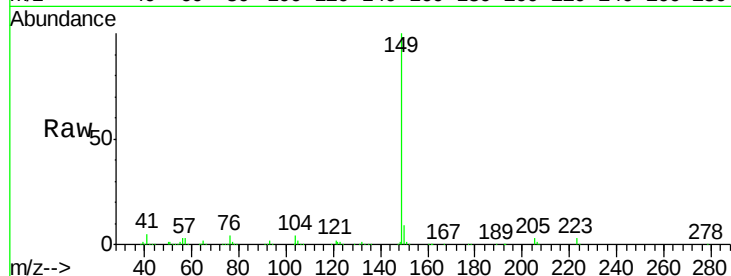
Tgt Ion:149 Resp: 455501

Ion Ratio Lower Upper

149 100

150 9.1 7.5 11.3

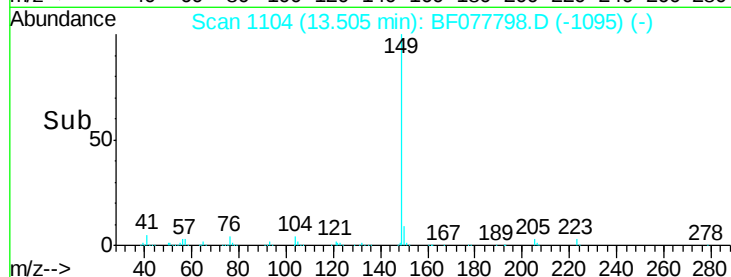
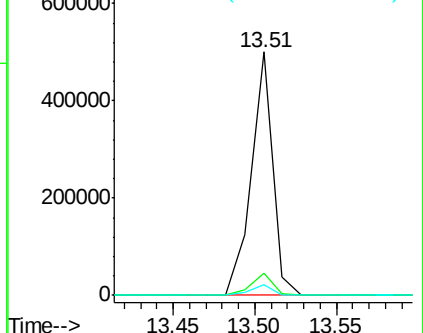
104 4.3 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.89 ng

RT: 14.25 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BF077798.D

Acq: 18 Mar 2015 13:12

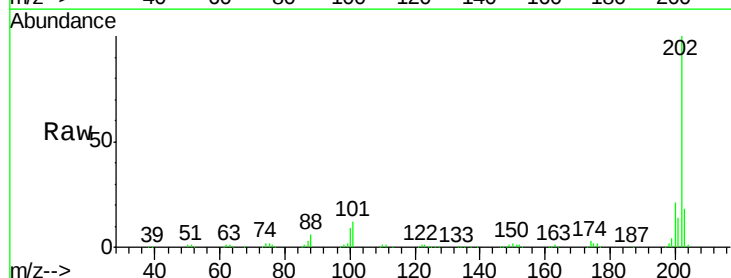
Tgt Ion:202 Resp: 472392

Ion Ratio Lower Upper

202 100

101 11.9 0.0 28.7

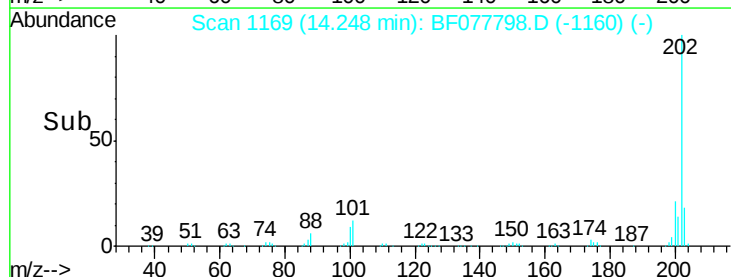
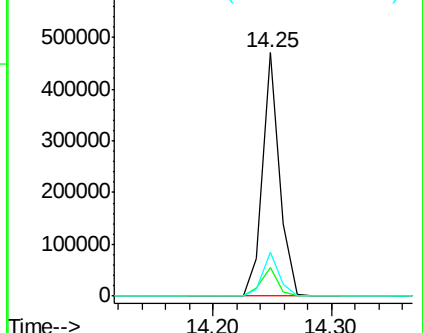
203 17.9 0.0 37.2

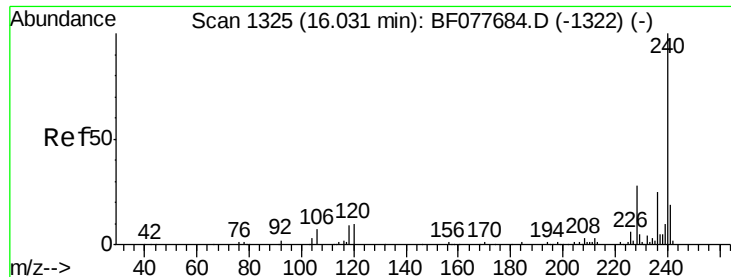


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

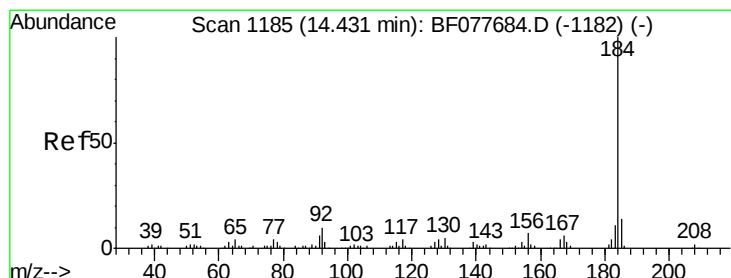
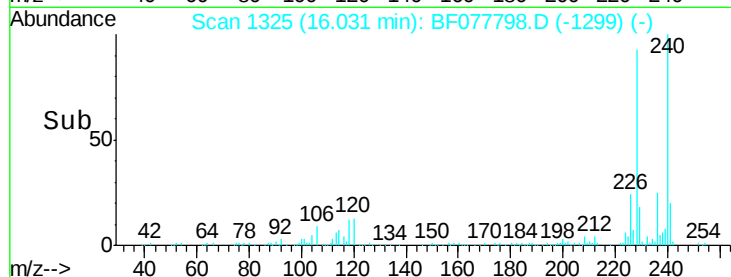
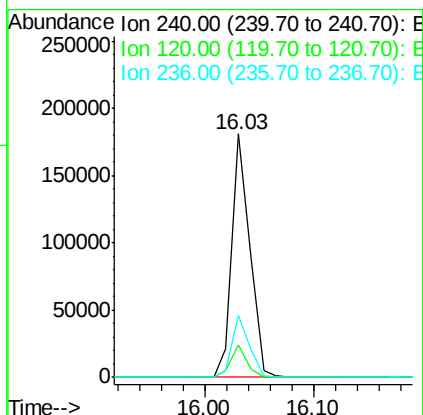
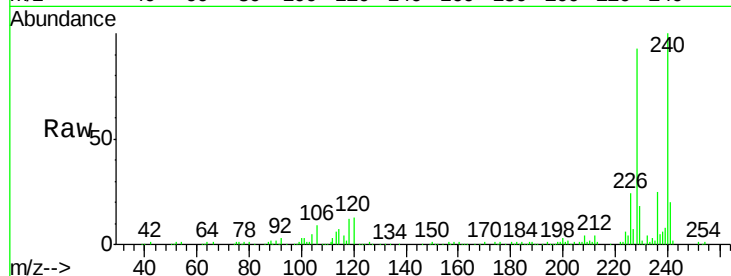




#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.03 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BF077798.D
Acq: 18 Mar 2015 13:12

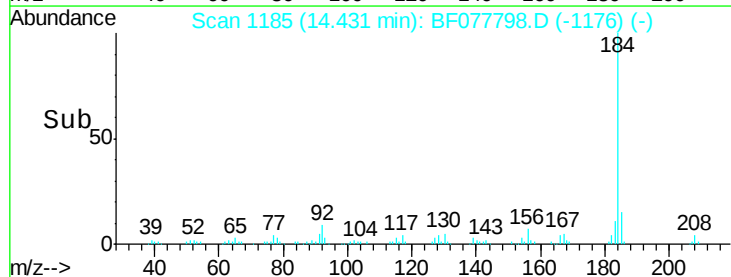
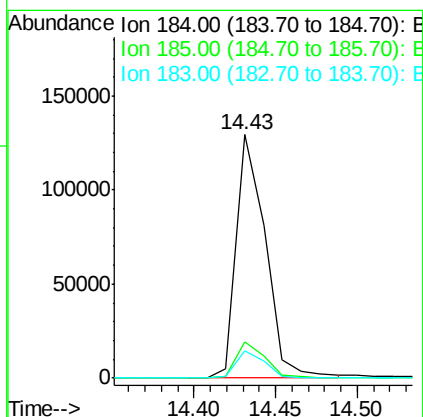
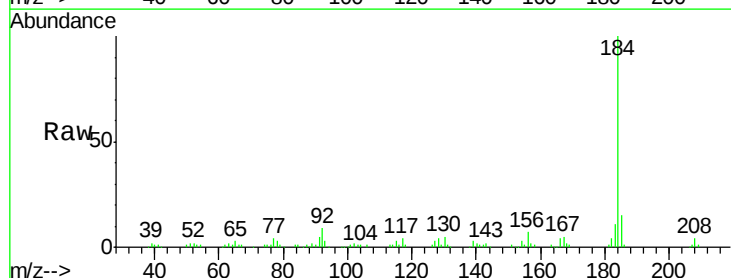
Instrument :
BNA_F
ClientSampleId :
PB82120BSD

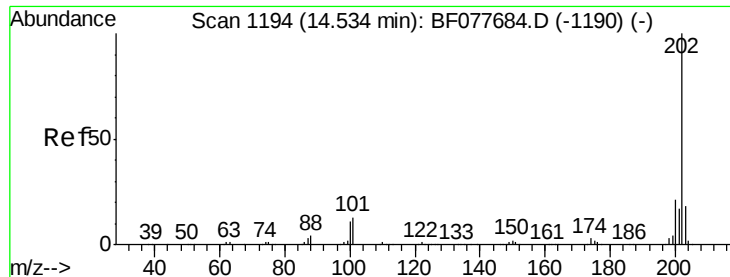
Tgt Ion:240 Resp: 205095
Ion Ratio Lower Upper
240 100
120 13.2 8.2 12.2#
236 25.2 20.0 30.0



#76
Benzidine
Concen: 31.35 ng
RT: 14.43 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BF077798.D
Acq: 18 Mar 2015 13:12

Tgt Ion:184 Resp: 159594
Ion Ratio Lower Upper
184 100
185 14.9 11.3 16.9
183 11.3 8.9 13.3

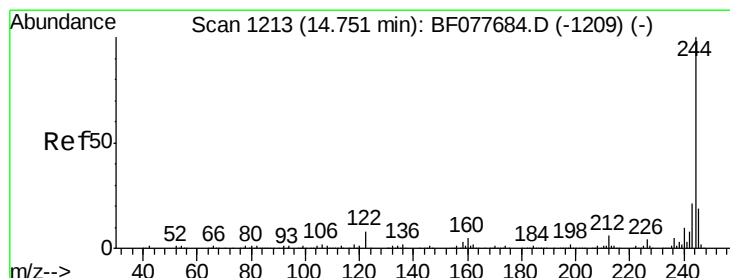
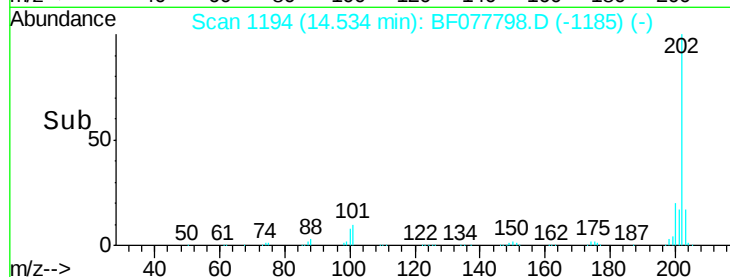
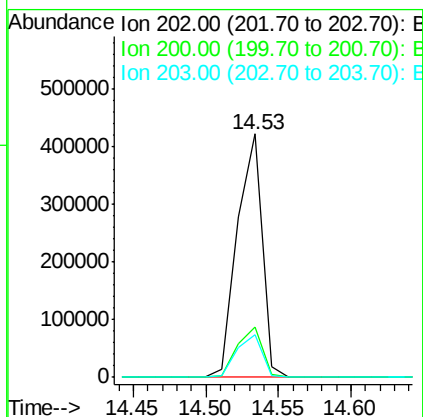
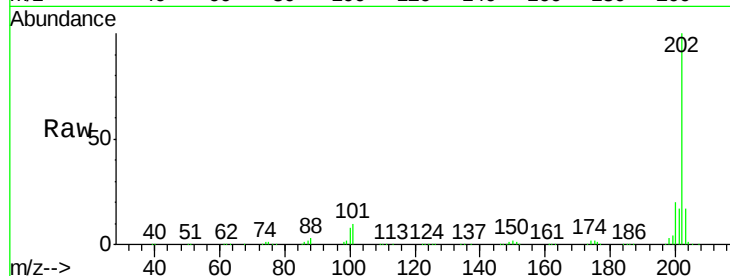




#77
 Pyrene
 Concen: 39.26 ng
 RT: 14.53 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: BF077798.D
 Acq: 18 Mar 2015 13:12

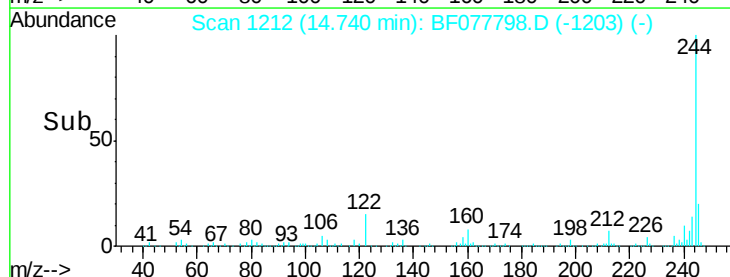
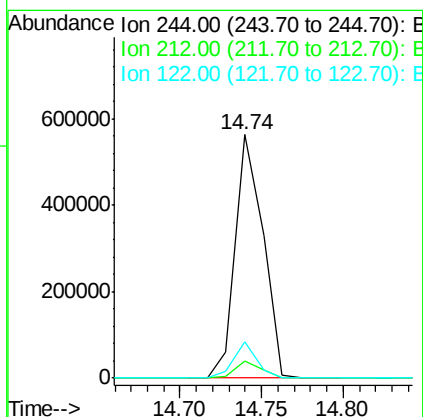
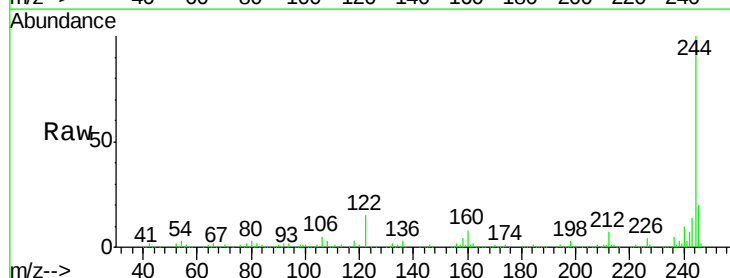
Instrument :
 BNA_F
 ClientSampleId :
 PB82120BSD

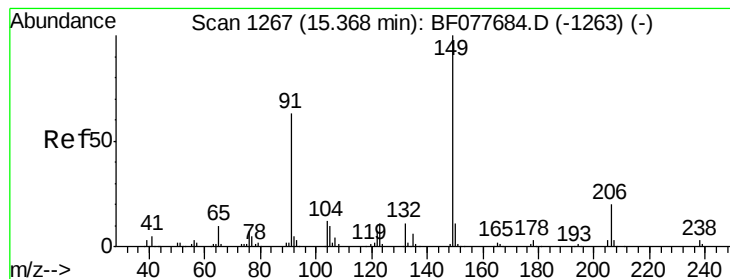
Tgt Ion: 202 Resp: 506376
 Ion Ratio Lower Upper
 202 100
 200 20.5 16.9 25.3
 203 17.3 14.1 21.1



#78
 Terphenyl-d14
 Concen: 78.61 ng
 RT: 14.74 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF077798.D
 Acq: 18 Mar 2015 13:12

Tgt Ion: 244 Resp: 660056
 Ion Ratio Lower Upper
 244 100
 212 7.1 4.9 7.3
 122 14.8 6.2 9.4#





#79

Butylbenzylphthalate

Concen: 38.59 ng

RT: 15.37 min Scan# 1267

Delta R.T. -0.00 min

Lab File: BF077798.D

Acq: 18 Mar 2015 13:12

Instrument :

BNA_F

ClientSampleId :

PB82120BSD

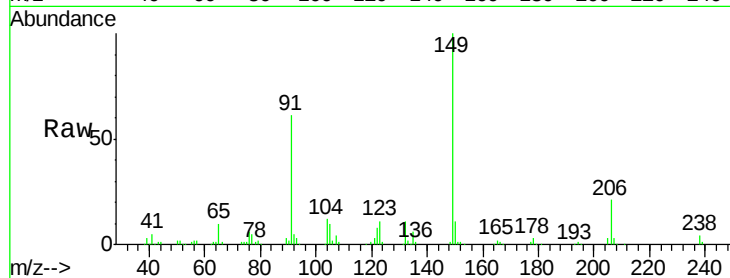
Tgt Ion:149 Resp: 196236

Ion Ratio Lower Upper

149 100

91 60.8 50.1 75.1

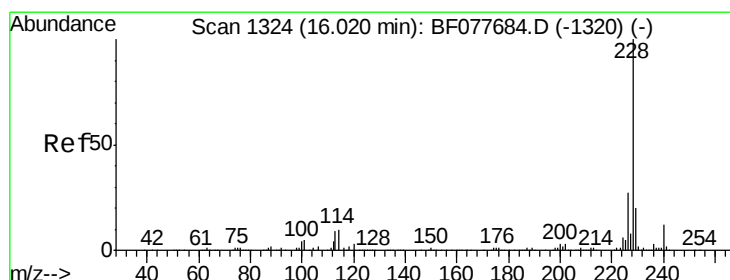
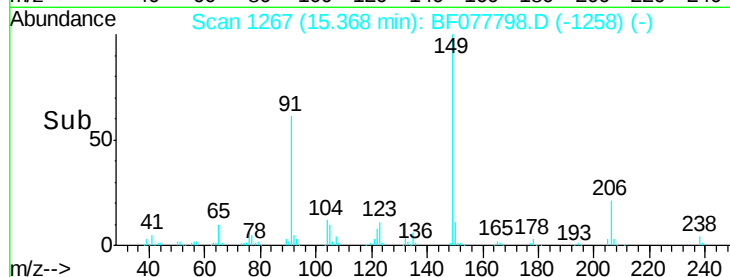
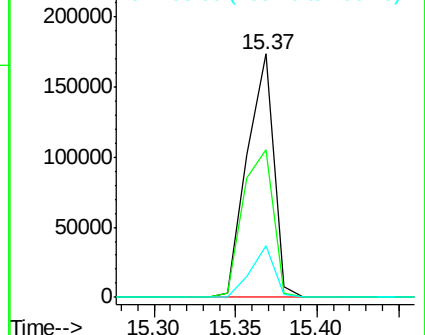
206 21.3 16.2 24.2



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: 38.18 ng

RT: 16.02 min Scan# 1324

Delta R.T. -0.00 min

Lab File: BF077798.D

Acq: 18 Mar 2015 13:12

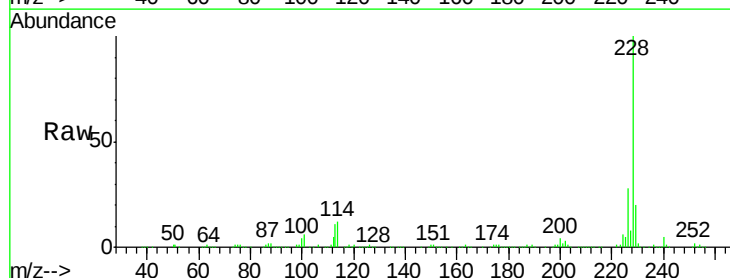
Tgt Ion:228 Resp: 464178

Ion Ratio Lower Upper

228 100

226 27.6 21.7 32.5

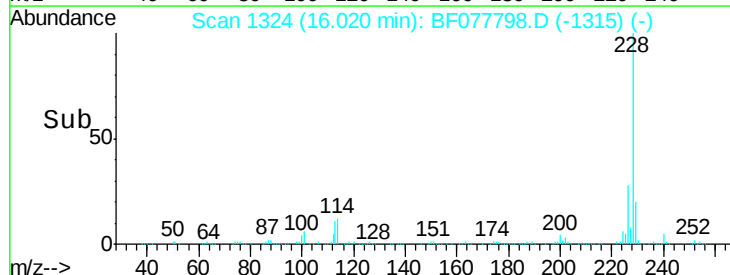
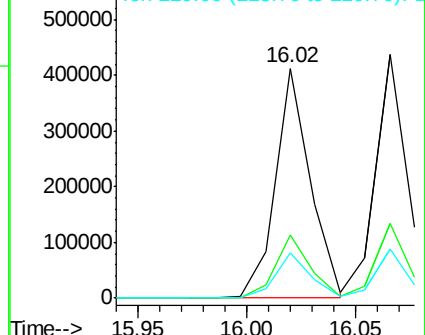
229 19.9 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

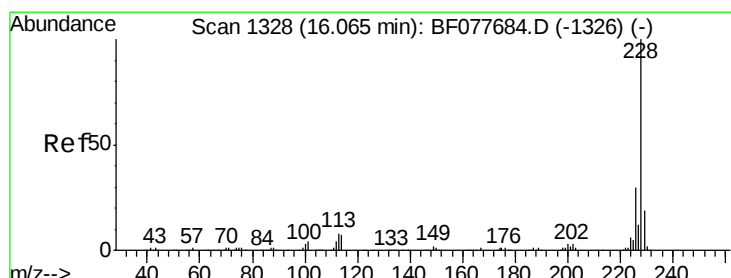
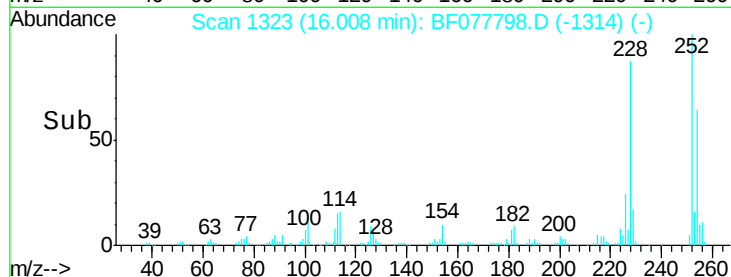
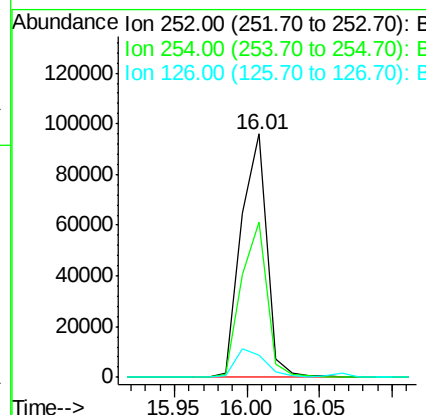
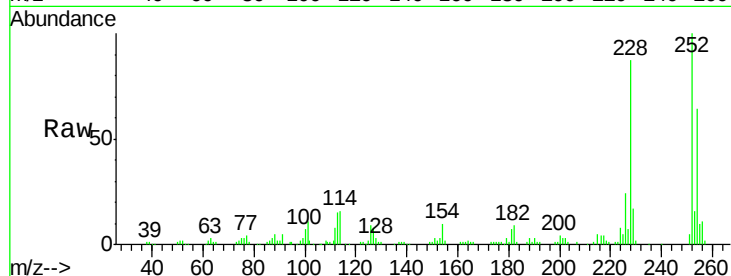




#81
 3,3'-Dichlorobenzidine
 Concen: 29.70 ng
 RT: 16.01 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: BF077798.D
 Acq: 18 Mar 2015 13:12

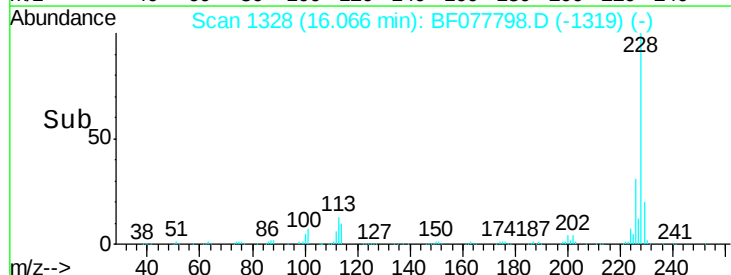
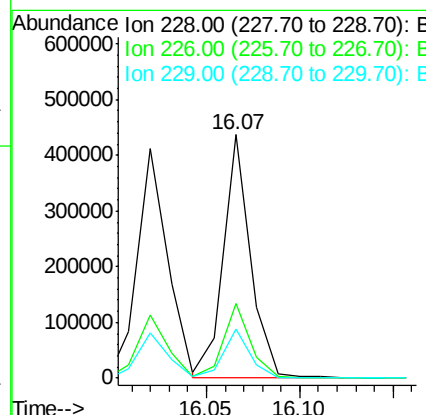
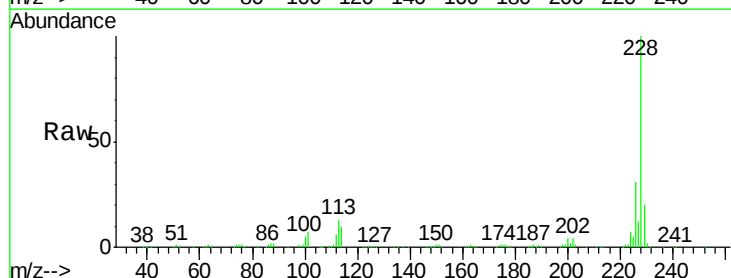
Instrument :
 BNA_F
 ClientSampleId :
 PB82120BSD

Tgt Ion:252 Resp: 119113
 Ion Ratio Lower Upper
 252 100
 254 63.9 51.9 77.9
 126 9.2 9.8 14.8#



#82
 Chrysene
 Concen: 40.40 ng
 RT: 16.07 min Scan# 1328
 Delta R.T. -0.00 min
 Lab File: BF077798.D
 Acq: 18 Mar 2015 13:12

Tgt Ion:228 Resp: 441659
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.1 36.1
 229 19.9 15.5 23.3

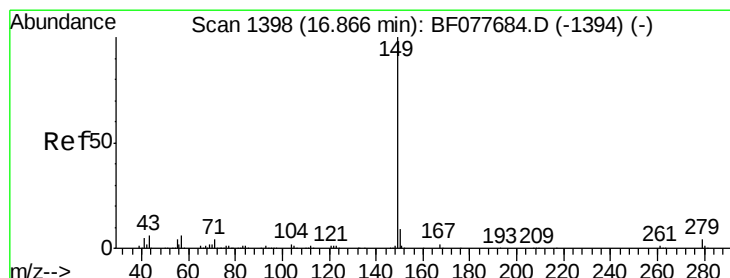
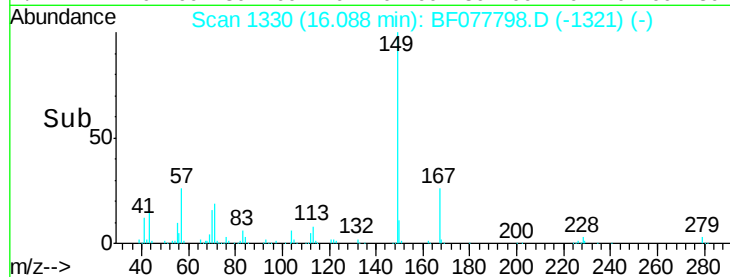
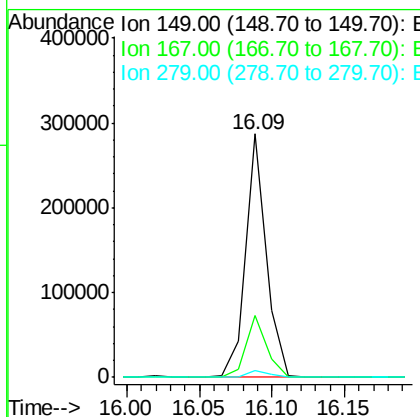
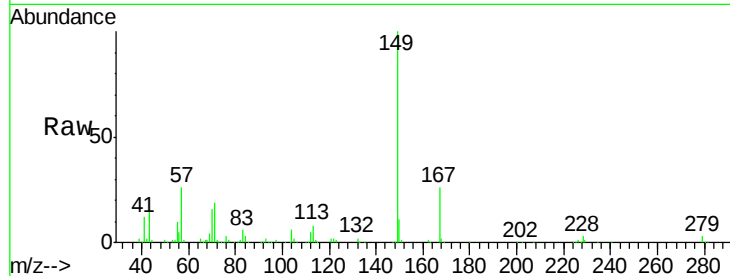




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.95 ng
 RT: 16.09 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: BF077798.D
 Acq: 18 Mar 2015 13:12

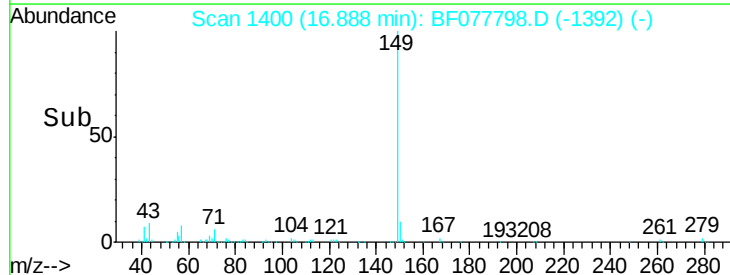
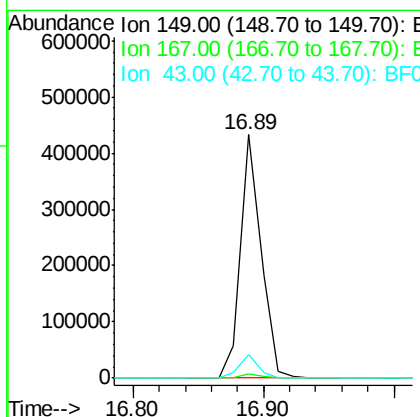
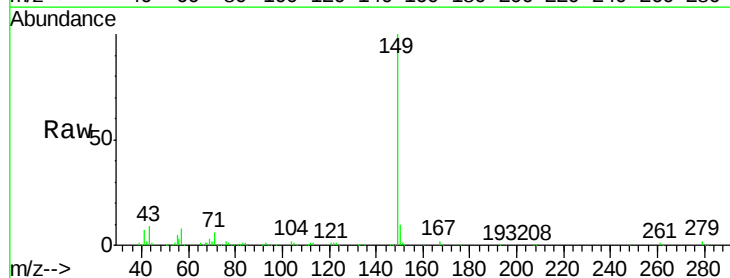
Instrument :
 BNA_F
 ClientSampleId :
 PB82120BSD

Tgt Ion:149 Resp: 284594
 Ion Ratio Lower Upper
 149 100
 167 25.6 22.4 33.6
 279 2.6 3.4 5.0#



#84
 Di-n-octyl phthalate
 Concen: 36.07 ng
 RT: 16.89 min Scan# 1400
 Delta R.T. -0.01 min
 Lab File: BF077798.D
 Acq: 18 Mar 2015 13:12

Tgt Ion:149 Resp: 475056
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 9.1 7.3 10.9

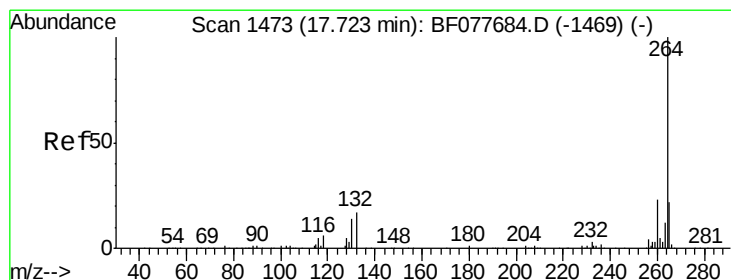
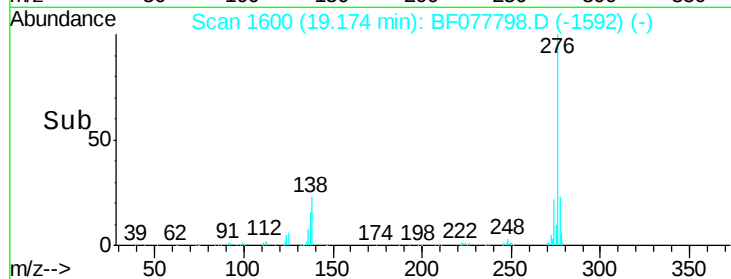
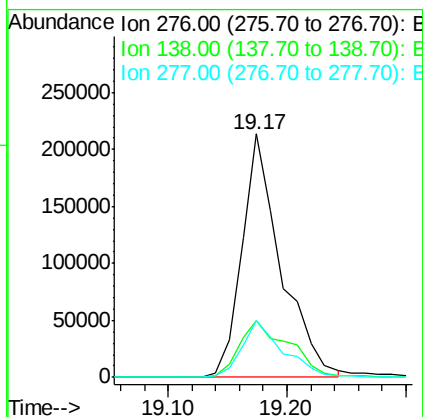
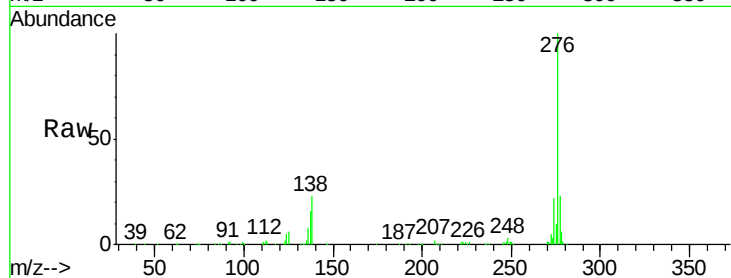




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.76 ng
 RT: 19.17 min Scan# 1600
 Delta R.T. -0.01 min
 Lab File: BF077798.D
 Acq: 18 Mar 2015 13:12

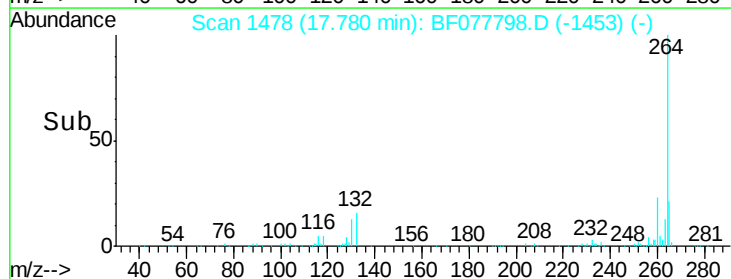
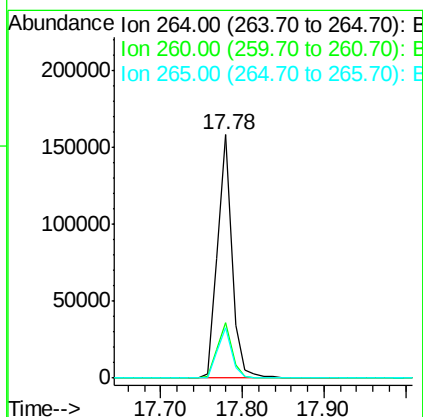
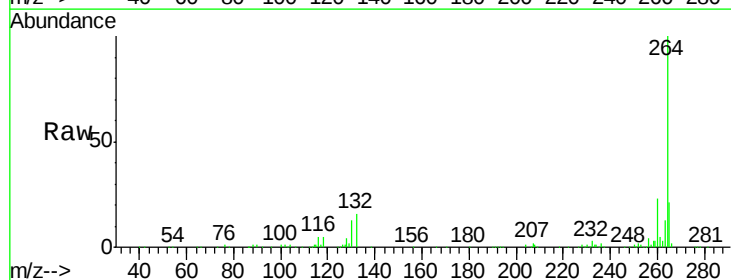
Instrument :
 BNA_F
 ClientSampleId :
 PB82120BSD

Tgt Ion: 276 Resp: 487954
 Ion Ratio Lower Upper
 276 100
 138 29.2 0.0 0.0#
 277 24.6 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF077798.D
 Acq: 18 Mar 2015 13:12

Tgt Ion: 264 Resp: 196361
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.6 27.8
 265 20.7 17.3 25.9

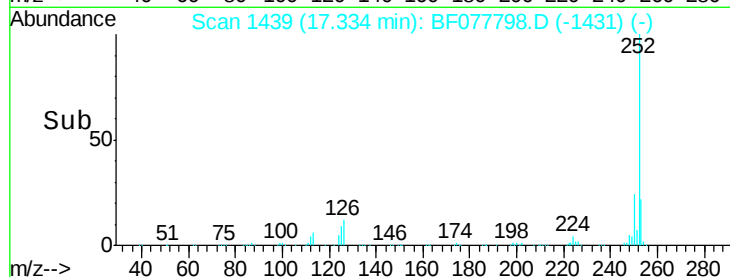
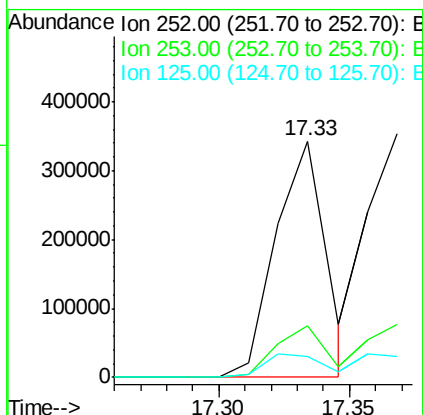
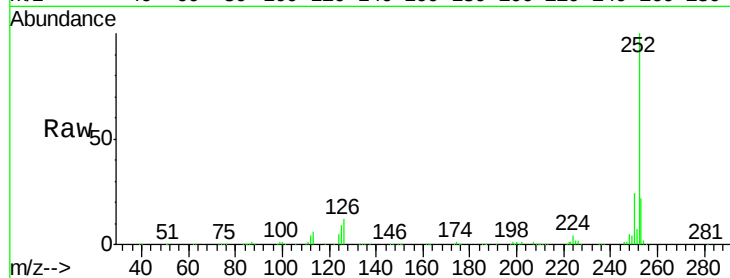




#87
Benzo(b)fluoranthene
Concen: 35.49 ng
RT: 17.33 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF077798.D
Acq: 18 Mar 2015 13:12

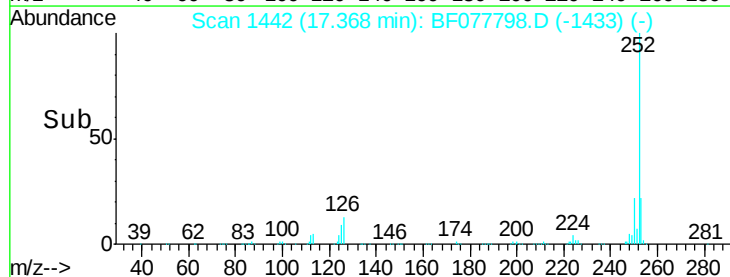
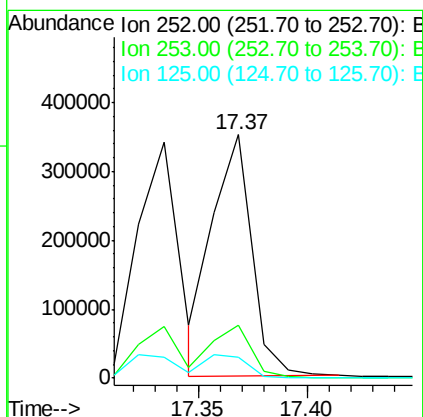
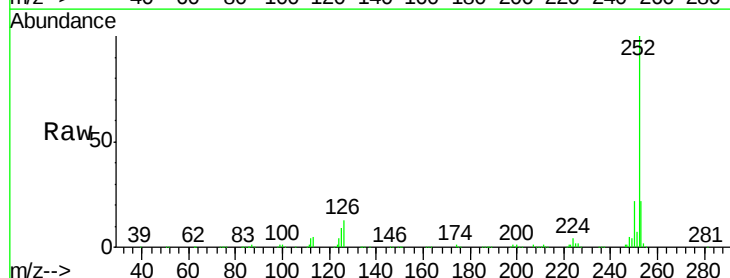
Instrument :
BNA_F
ClientSampleId :
PB82120BSD

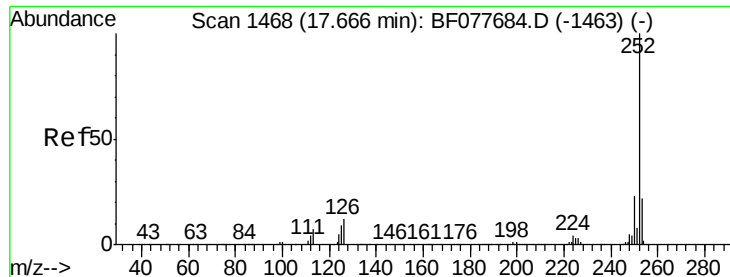
Tgt Ion:252 Resp: 454899
Ion Ratio Lower Upper
252 100
253 21.9 18.0 27.0
125 8.8 9.9 14.9#



#88
Benzo(k)fluoranthene
Concen: 44.33 ng
RT: 17.37 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BF077798.D
Acq: 18 Mar 2015 13:12

Tgt Ion:252 Resp: 443895
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 8.7 8.1 12.1





#89

Benzo(a)pyrene

Concen: 40.76 ng

RT: 17.71 min Scan# 1472

Delta R.T. -0.02 min

Lab File: BF077798.D

Acq: 18 Mar 2015 13:12

Instrument :

BNA_F

ClientSampleId :

PB82120BSD

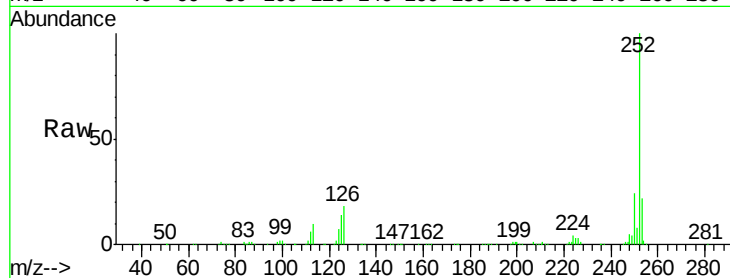
Tgt Ion:252 Resp: 435929

Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

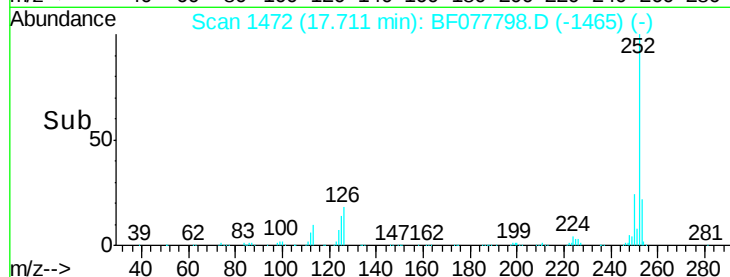
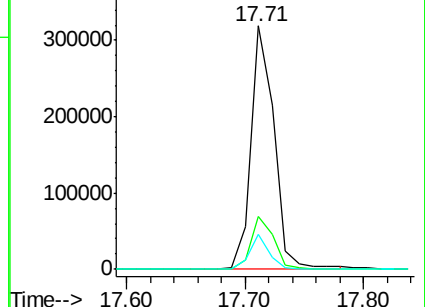
125 14.1 7.4 11.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 38.42 ng

RT: 19.21 min Scan# 1603

Delta R.T. -0.01 min

Lab File: BF077798.D

Acq: 18 Mar 2015 13:12

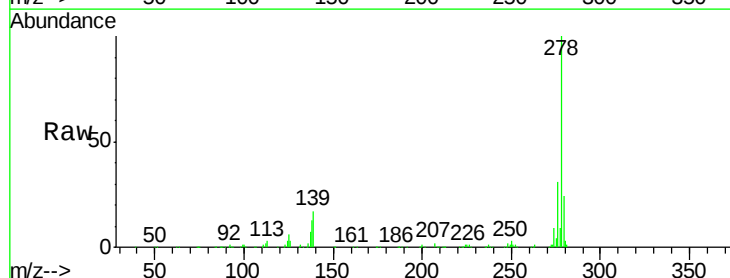
Tgt Ion:278 Resp: 407624

Ion Ratio Lower Upper

278 100

139 16.6 13.4 20.0

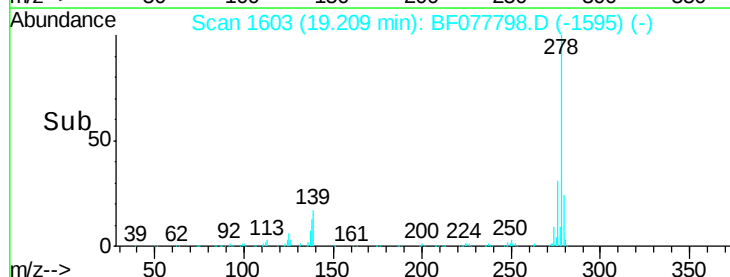
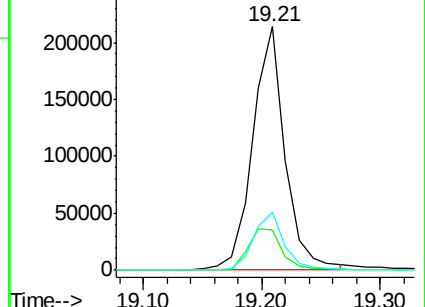
279 24.1 19.0 28.4

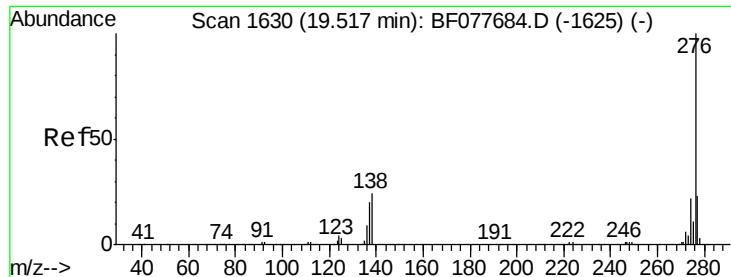


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 38.98 ng

RT: 19.59 min Scan# 1636

Delta R.T. -0.01 min

Lab File: BF077798.D

Acq: 18 Mar 2015 13:12

Instrument :

BNA_F

ClientSampleId :

PB82120BSD

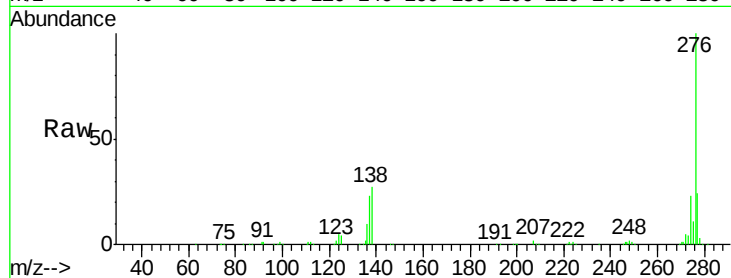
Tgt Ion: 276 Resp: 421026

Ion Ratio Lower Upper

276 100

277 23.9 18.5 27.7

138 26.7 19.0 28.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

