

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031815\
 Data File : BF077797.D
 Acq On : 18 Mar 2015 12:43
 Operator : TP/IZ
 Sample : G1457-06DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PT-ACIDS-WPDL

Quant Time: Mar 18 13:39:29 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 13:16:00 2015
 Response via : Initial Calibration

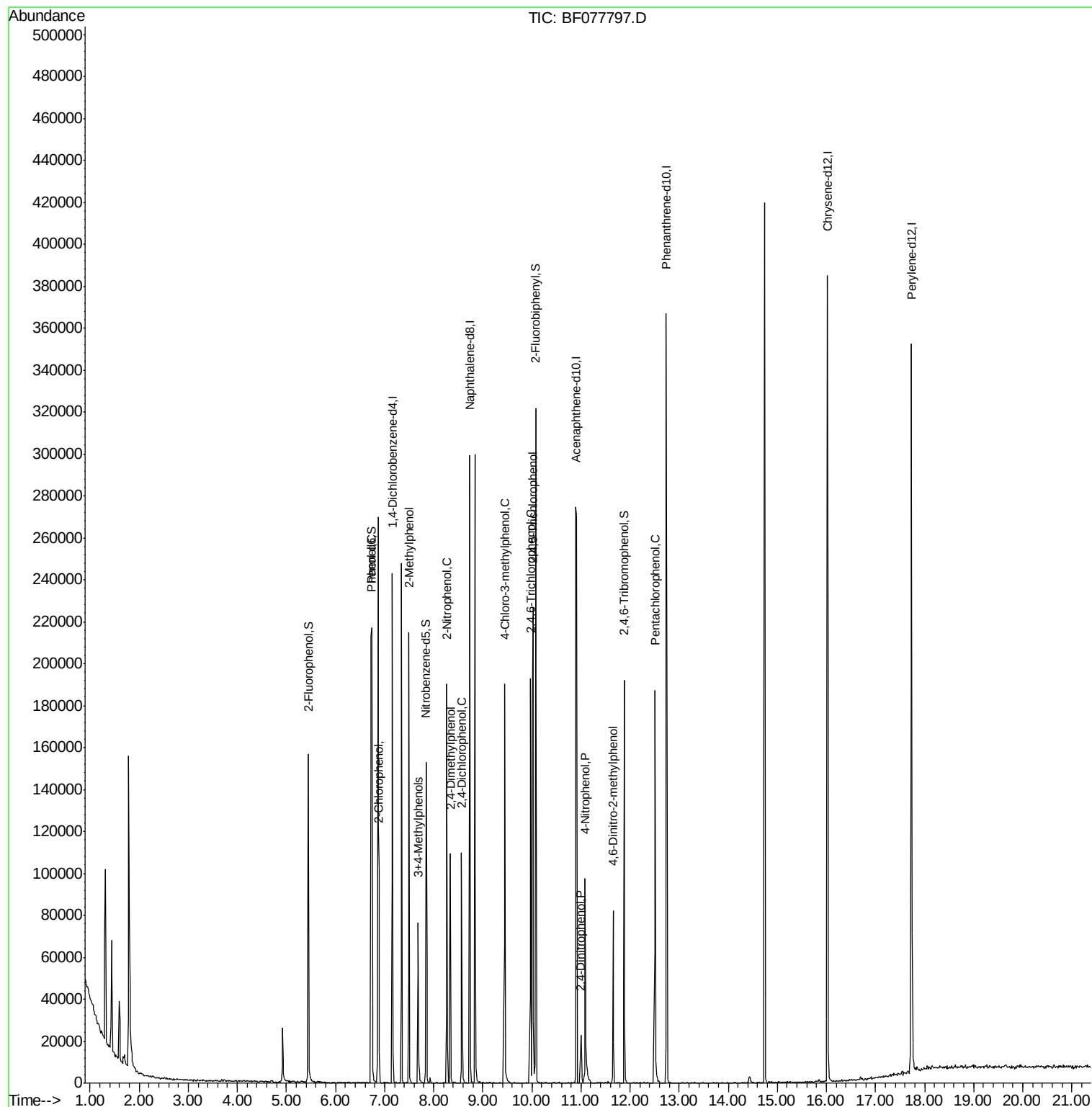
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	43217	20.00	ng	0.00
21) Naphthalene-d8	8.74	136	172381	20.00	ng	0.00
38) Acenaphthene-d10	10.90	164	83981	20.00	ng	-0.01
63) Phenanthrene-d10	12.74	188	171863	20.00	ng	-0.01
75) Chrysene-d12	16.02	240	170053	20.00	ng	-0.11
86) Perylene-d12	17.73	264	169924	20.00	ng	-0.37
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	76624	30.95	ng	0.01
7) Phenol-d6	6.73	99	97645	31.92	ng	0.00
23) Nitrobenzene-d5	7.85	82	53242	20.25	ng	-0.01
41) 2,4,6-Tribromophenol	11.88	330	24261	30.19	ng	-0.01
44) 2-Fluorobiphenyl	10.08	172	131239	22.97	ng	-0.01
78) Terphenyl-d14	0.00	244	0	0.00	ng	
Target Compounds						Qvalue
8) 2-Chlorophenol	6.89	128	26951	9.14	ng	98
10) Phenol	6.74	94	72427	20.03	ng	# 70
17) 2-Methylphenol	7.49	107	40261	16.78	ng	98
20) 3+4-Methylphenols	7.69	107	30476	9.68	ng	88
26) 2-Nitrophenol	8.27	139	36765	26.51	ng	93
27) 2,4-Dimethylphenol	8.34	122	20581	8.14	ng	96
29) 2,4-Dichlorophenol	8.57	162	26474	10.99	ng	99
36) 4-Chloro-3-methylphenol	9.45	107	47143	19.45	ng	97
42) 2,4,6-Trichlorophenol	9.97	196	28795	16.60	ng	98
43) 2,4,5-Trichlorophenol	10.02	196	53958	28.79	ng	97
53) 2,4-Dinitrophenol	11.00	184	4462	16.52	ng	# 87
55) 4-Nitrophenol	11.08	139	23475	21.13	ng	# 75
64) 4,6-Dinitro-2-methylphenol	11.65	198	12028	17.79	ng	92
69) Pentachlorophenol	12.51	266	28205	28.77	ng	97

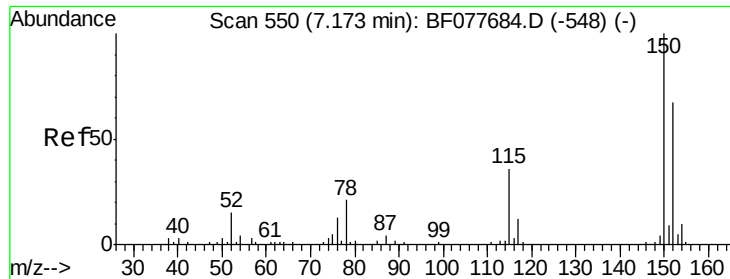
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 18 13:16:00 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.16 min Scan# 549

Delta R.T. -0.00 min

Lab File: BF077797.D

Acq: 18 Mar 2015 12:43

Instrument :

BNA_F

ClientSampleId :

PT-ACIDS-WPDL

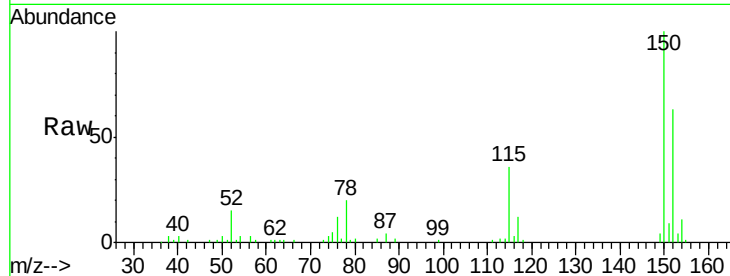
Tgt Ion:152 Resp: 43217

Ion Ratio Lower Upper

152 100

150 159.5 119.5 179.3

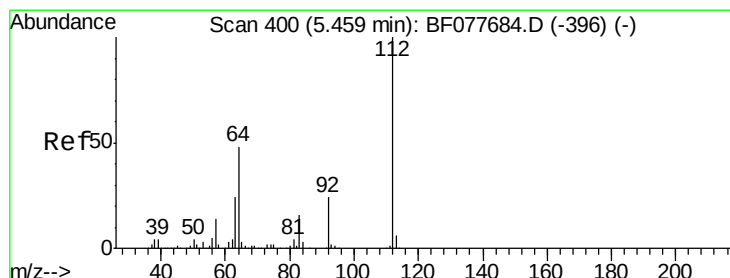
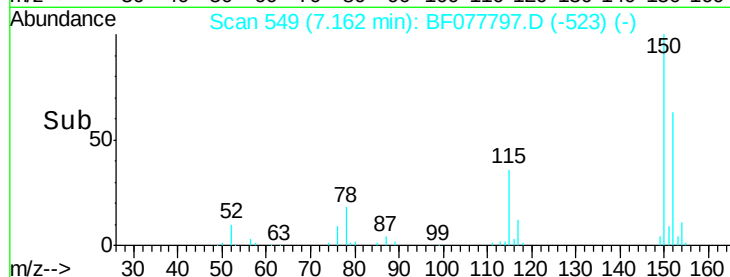
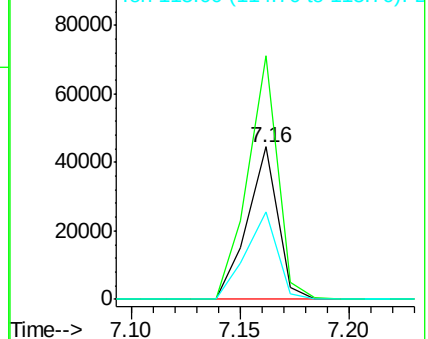
115 57.6 43.0 64.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 30.95 ng

RT: 5.45 min Scan# 399

Delta R.T. 0.01 min

Lab File: BF077797.D

Acq: 18 Mar 2015 12:43

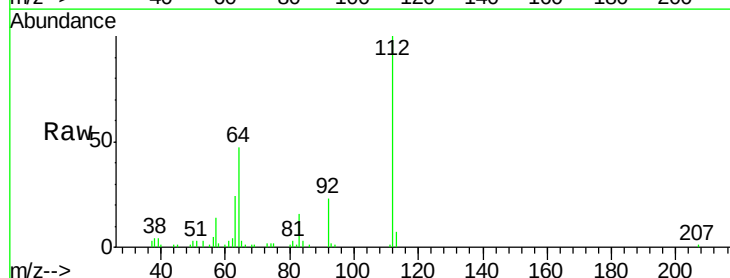
Tgt Ion:112 Resp: 76624

Ion Ratio Lower Upper

112 100

64 46.7 38.6 57.8

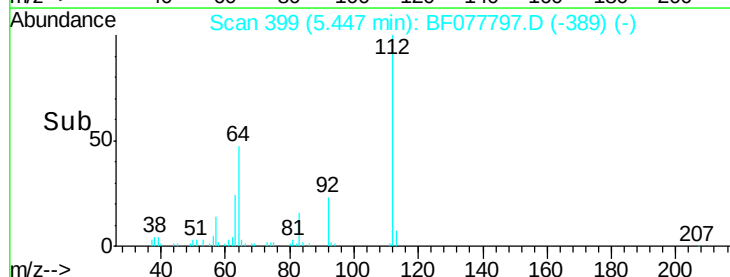
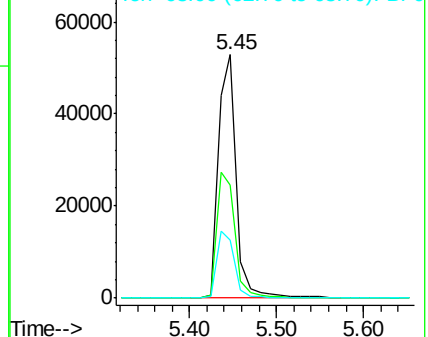
63 23.9 19.3 28.9

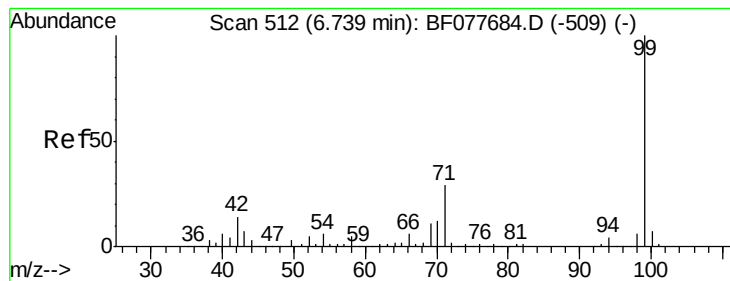


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 31.92 ng

RT: 6.73 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF077797.D

Acq: 18 Mar 2015 12:43

Instrument :

BNA_F

ClientSampleId :

PT-ACIDS-WPDL

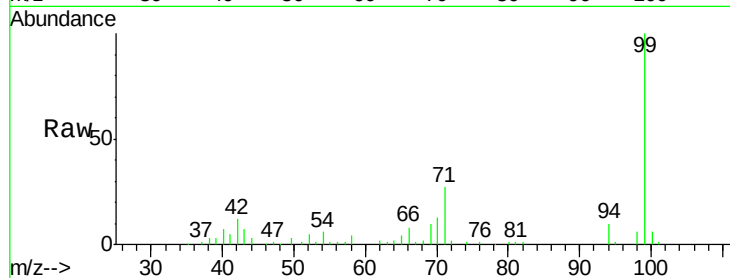
Tgt Ion: 99 Resp: 97645

Ion Ratio Lower Upper

99 100

42 12.4 11.0 16.4

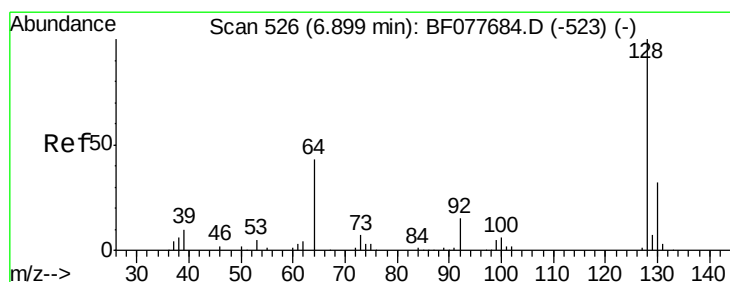
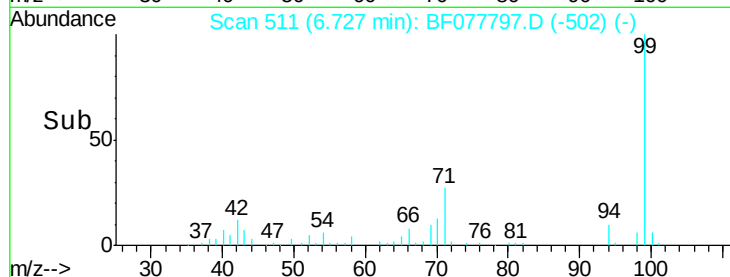
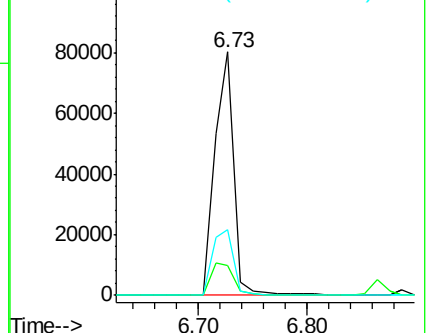
71 26.8 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 9.14 ng

RT: 6.89 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF077797.D

Acq: 18 Mar 2015 12:43

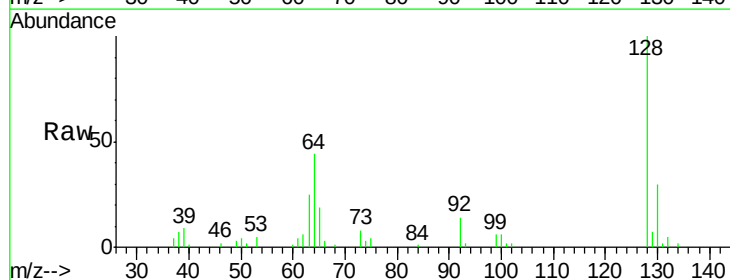
Tgt Ion: 128 Resp: 26951

Ion Ratio Lower Upper

128 100

130 30.3 12.0 52.0

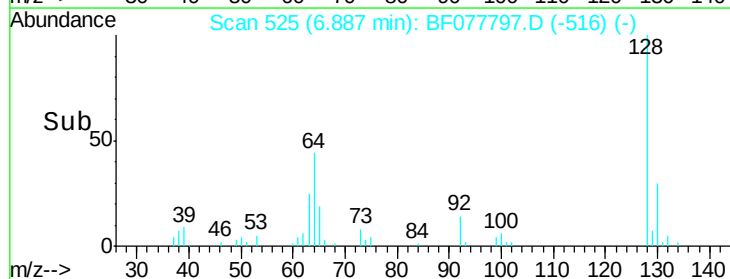
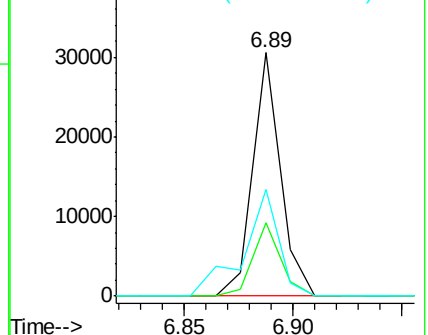
64 44.0 24.9 64.9

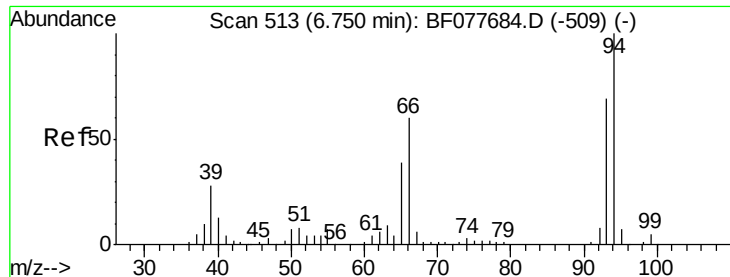


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

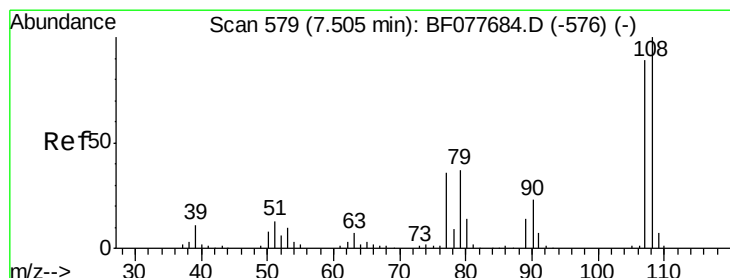
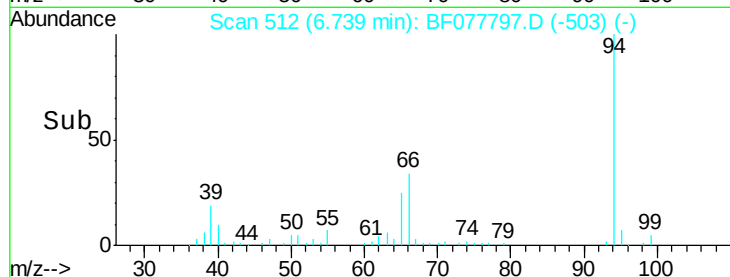
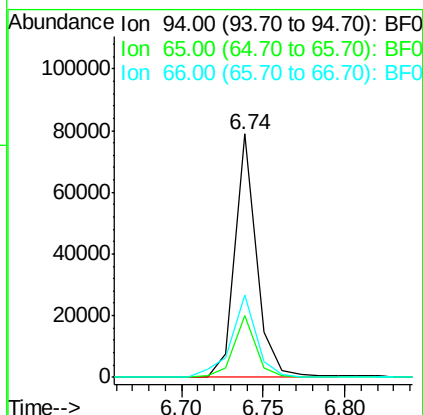
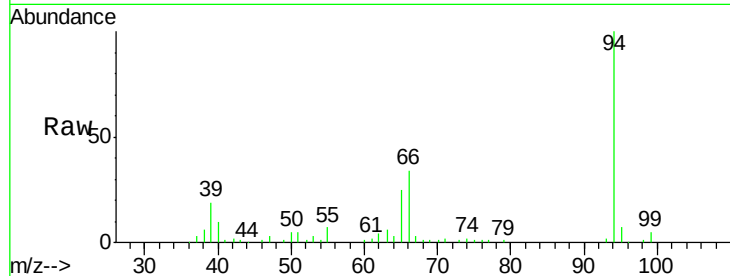




#10
Phenol
Concen: 20.03 ng
RT: 6.74 min Scan# 512
Delta R.T. -0.00 min
Lab File: BF077797.D
Acq: 18 Mar 2015 12:43

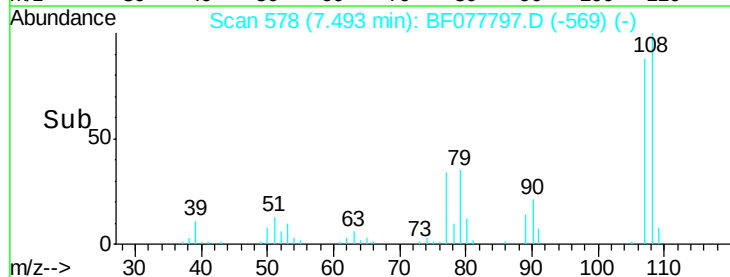
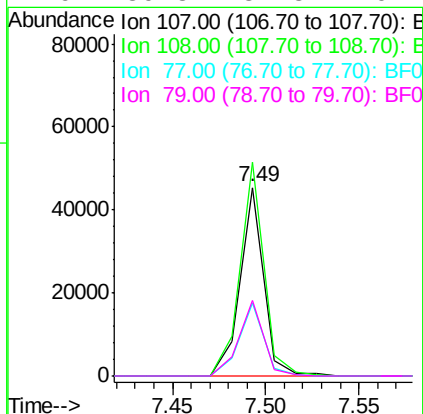
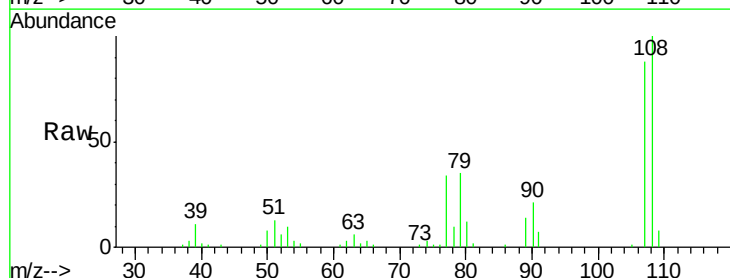
Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WPDL

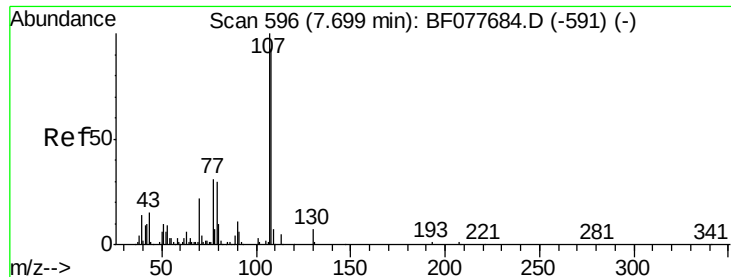
Tgt Ion: 94 Resp: 72427
Ion Ratio Lower Upper
94 100
65 25.3 18.8 58.8
66 33.9 39.9 79.9#



#17
2-Methylphenol
Concen: 16.78 ng
RT: 7.49 min Scan# 578
Delta R.T. -0.00 min
Lab File: BF077797.D
Acq: 18 Mar 2015 12:43

Tgt Ion: 107 Resp: 40261
Ion Ratio Lower Upper
107 100
108 113.4 89.8 134.8
77 39.1 32.6 48.8
79 39.8 32.8 49.2





#20

3+4-Methylphenols

Concen: 9.68 ng

RT: 7.69 min Scan# 595

Delta R.T. -0.00 min

Lab File: BF077797.D

Acq: 18 Mar 2015 12:43

Instrument :

BNA_F

ClientSampleId :

PT-ACIDS-WPDL

Tgt Ion:107 Resp: 30476

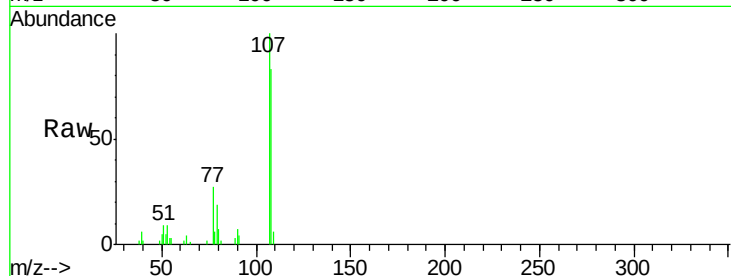
Ion Ratio Lower Upper

107 100

108 82.8 73.2 113.2

77 26.7 10.7 50.7

79 18.9 9.6 49.6

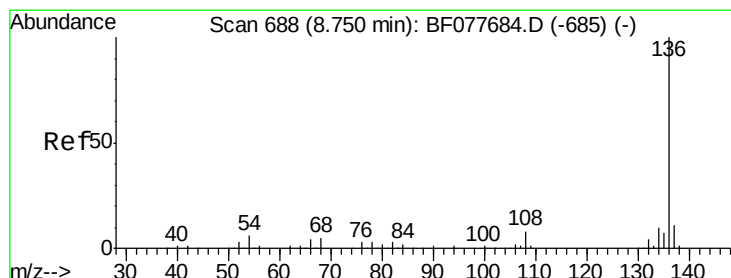
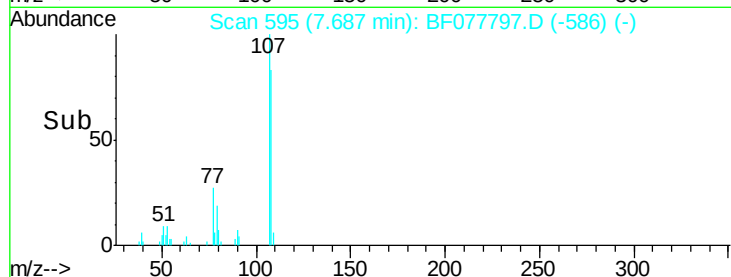
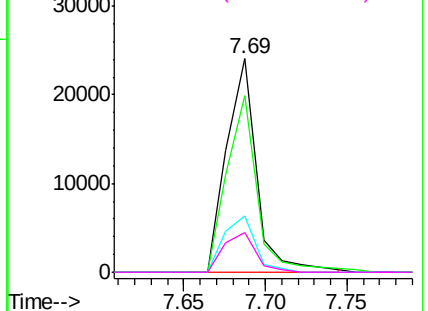


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.74 min Scan# 687

Delta R.T. -0.00 min

Lab File: BF077797.D

Acq: 18 Mar 2015 12:43

Tgt Ion:136 Resp: 172381

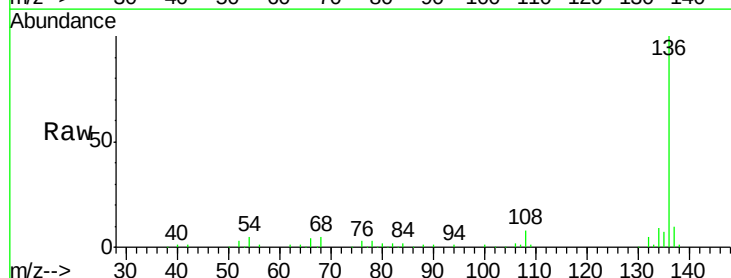
Ion Ratio Lower Upper

136 100

137 10.4 8.7 13.1

54 5.4 4.6 6.8

68 4.6 3.7 5.5

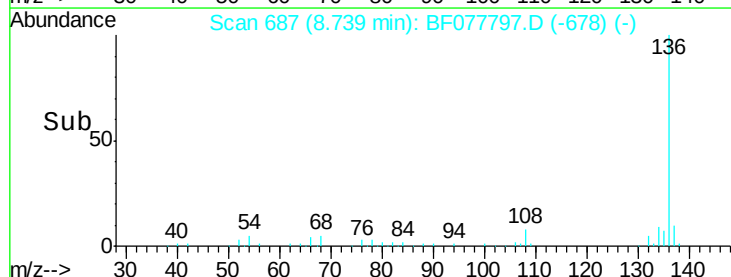
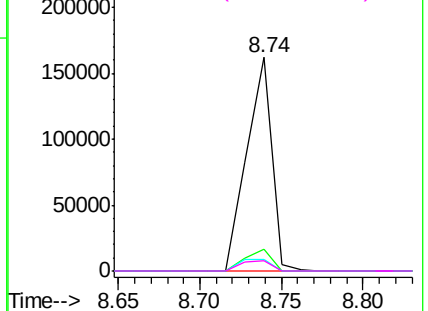


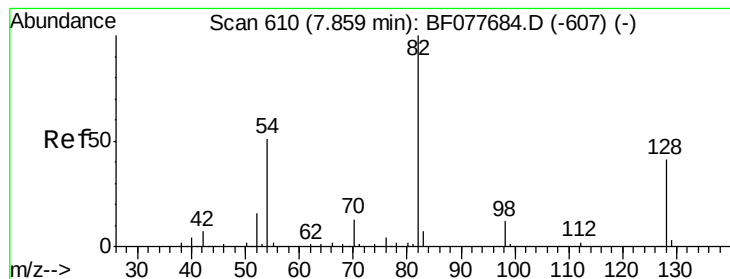
Abundance Ion 136.00 (135.70 to 136.70): E

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





#23

Nitrobenzene-d5

Concen: 20.25 ng

RT: 7.85 min Scan# 609

Delta R.T. -0.01 min

Lab File: BF077797.D

Acq: 18 Mar 2015 12:43

Instrument :

BNA_F

ClientSampleId :

PT-ACIDS-WPDL

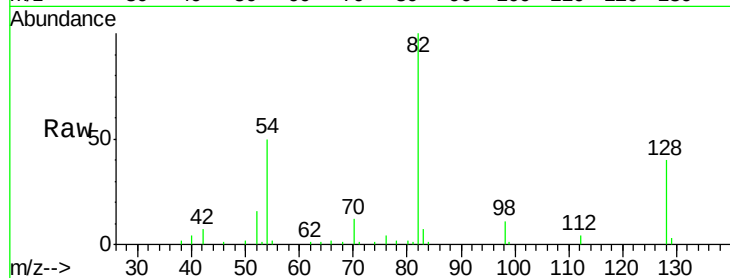
Tgt Ion: 82 Resp: 53242

Ion Ratio Lower Upper

82 100

128 39.9 32.8 49.2

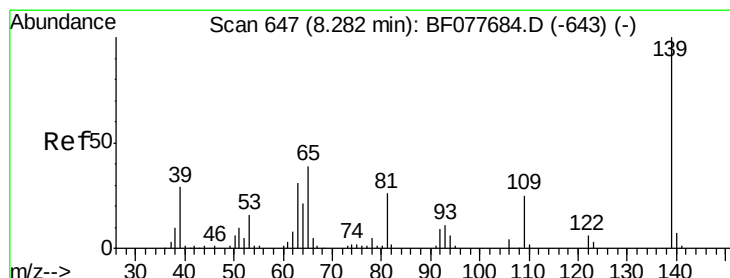
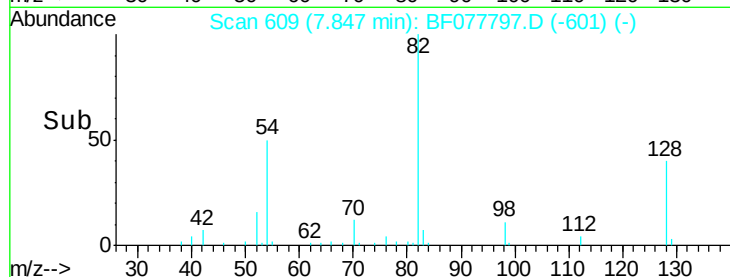
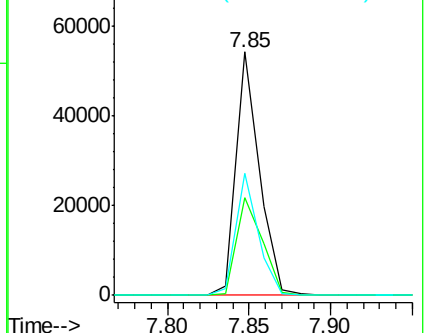
54 50.3 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#26

2-Nitrophenol

Concen: 26.51 ng

RT: 8.27 min Scan# 646

Delta R.T. -0.00 min

Lab File: BF077797.D

Acq: 18 Mar 2015 12:43

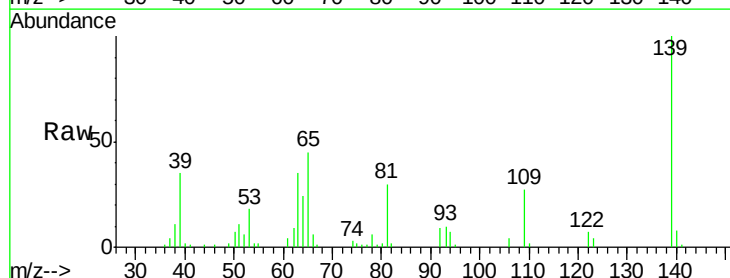
Tgt Ion: 139 Resp: 36765

Ion Ratio Lower Upper

139 100

109 27.0 20.1 30.1

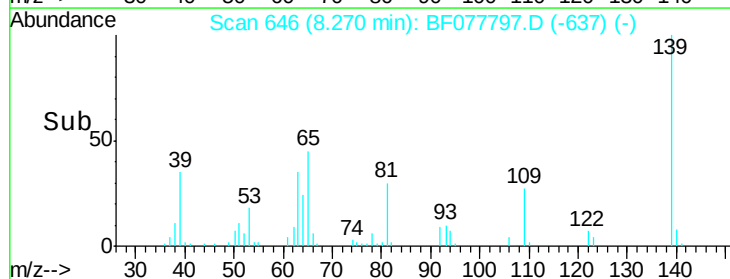
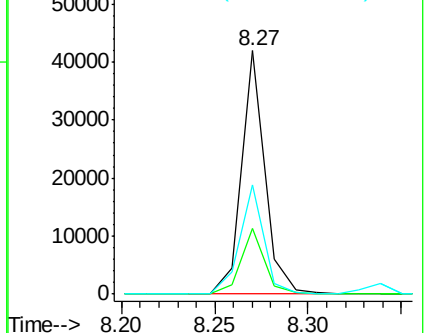
65 44.6 31.5 47.3

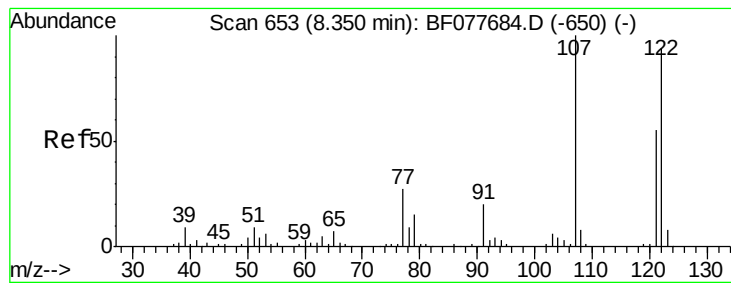


Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

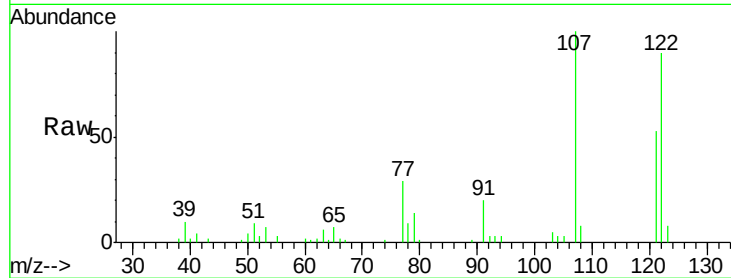




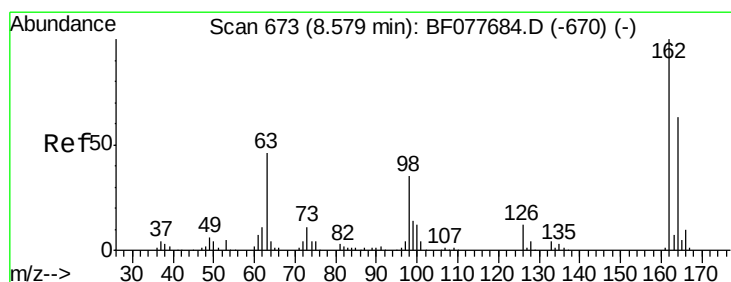
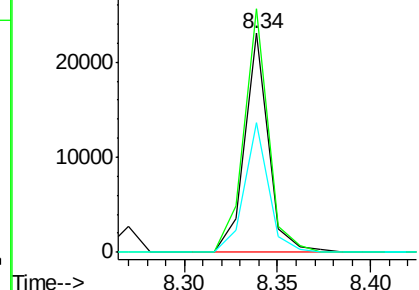
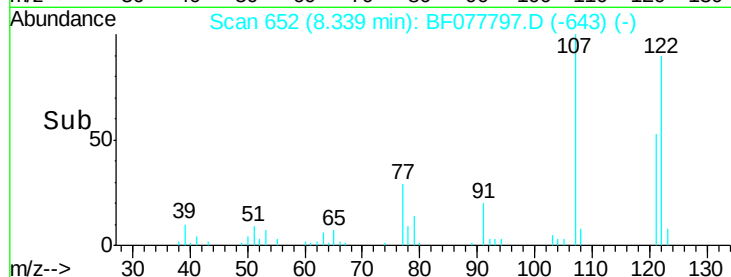
#27
 2,4-Dimethylphenol
 Concen: 8.14 ng
 RT: 8.34 min Scan# 652
 Delta R.T. -0.00 min
 Lab File: BF077797.D
 Acq: 18 Mar 2015 12:43

Instrument :
 BNA_F
 ClientSampleId :
 PT-ACIDS-WPDL

Tgt Ion:122 Resp: 20581
 Ion Ratio Lower Upper
 122 100
 107 111.1 84.7 127.1
 121 59.3 46.6 69.8

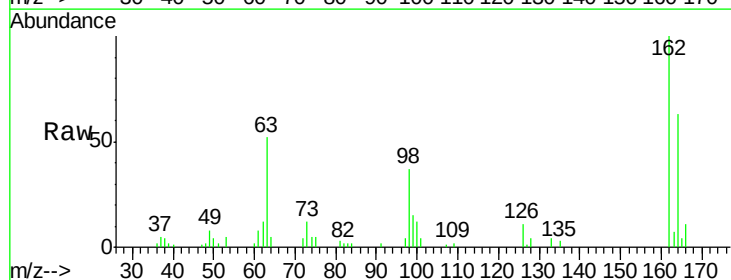


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

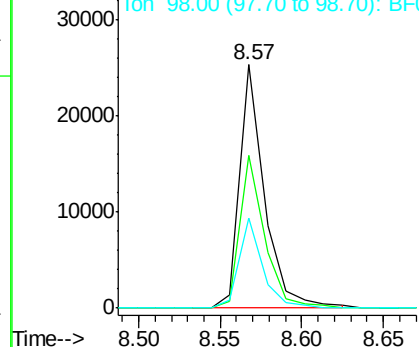
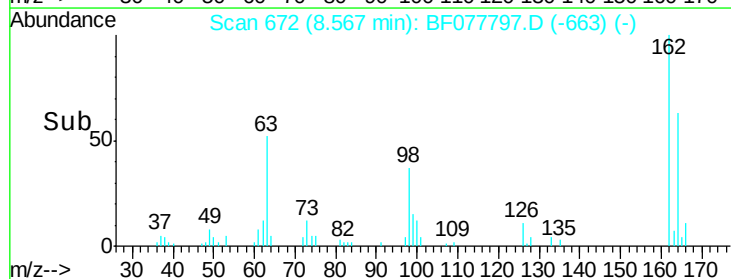


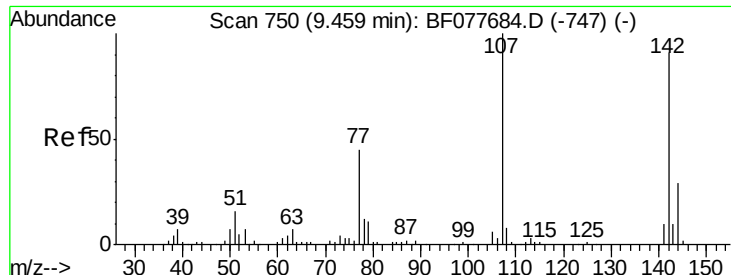
#29
 2,4-Dichlorophenol
 Concen: 10.99 ng
 RT: 8.57 min Scan# 672
 Delta R.T. -0.00 min
 Lab File: BF077797.D
 Acq: 18 Mar 2015 12:43

Tgt Ion:162 Resp: 26474
 Ion Ratio Lower Upper
 162 100
 164 62.8 42.8 82.8
 98 36.8 14.5 54.5



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

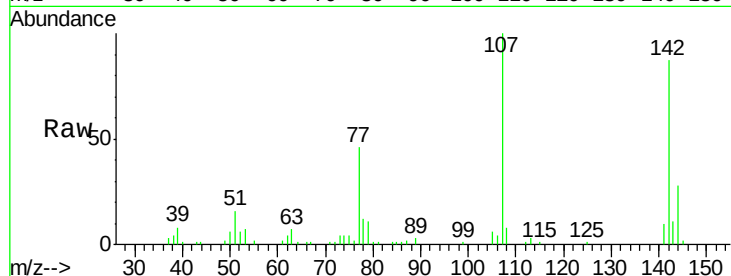




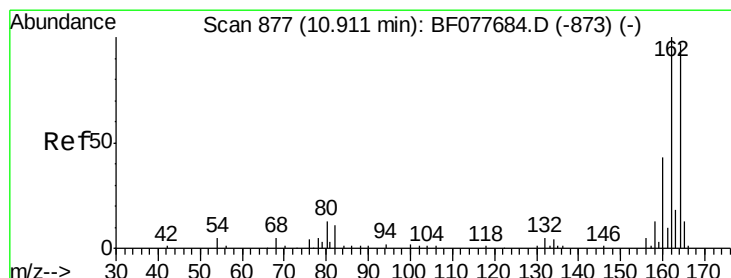
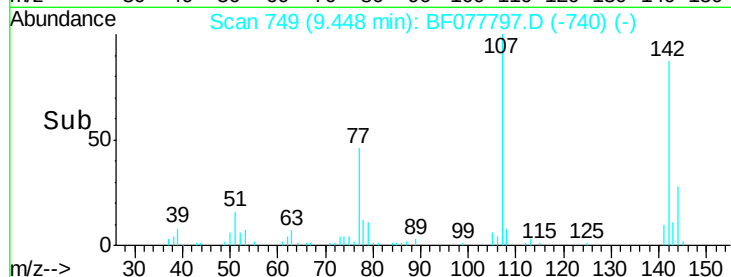
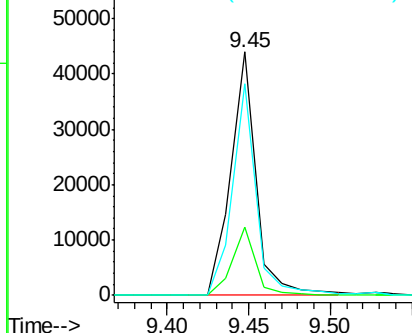
#36
 4-Chloro-3-methylphenol
 Concen: 19.45 ng
 RT: 9.45 min Scan# 749
 Delta R.T. -0.00 min
 Lab File: BF077797.D
 Acq: 18 Mar 2015 12:43

Instrument :
 BNA_F
 ClientSampleId :
 PT-ACIDS-WPDL

Tgt Ion:107 Resp: 47143
 Ion Ratio Lower Upper
 107 100
 144 28.3 23.3 34.9
 142 86.9 72.6 109.0

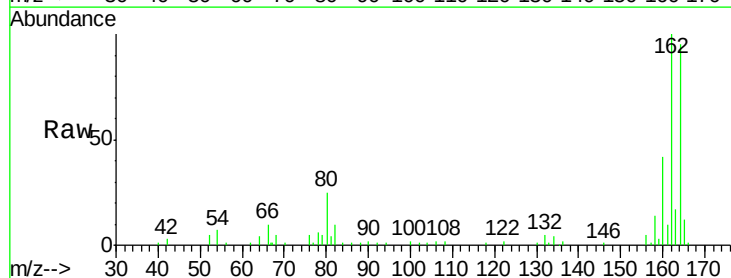


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

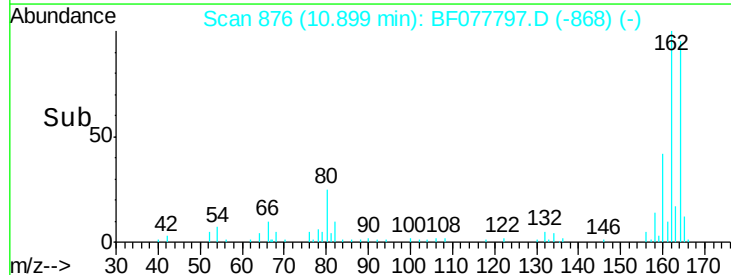
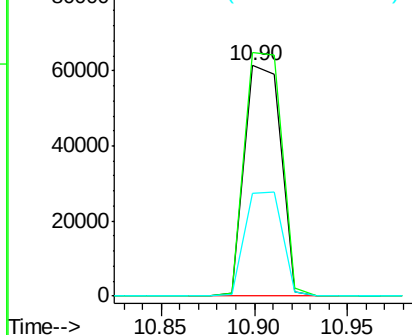


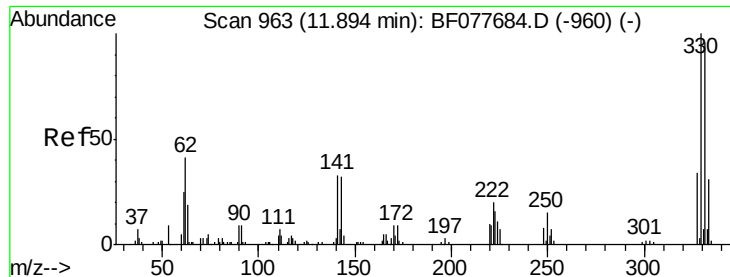
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.90 min Scan# 876
 Delta R.T. -0.01 min
 Lab File: BF077797.D
 Acq: 18 Mar 2015 12:43

Tgt Ion:164 Resp: 83981
 Ion Ratio Lower Upper
 164 100
 162 105.7 82.4 123.6
 160 44.4 35.8 53.6



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

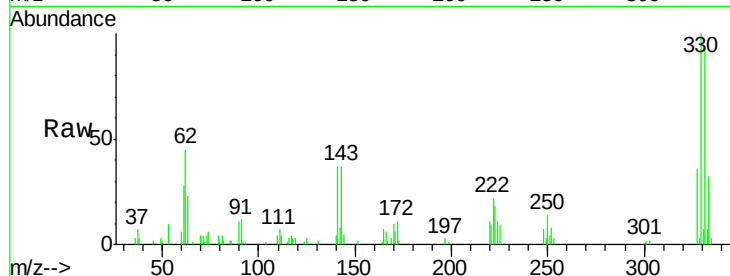




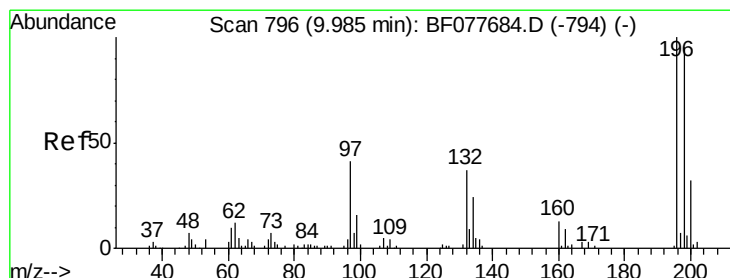
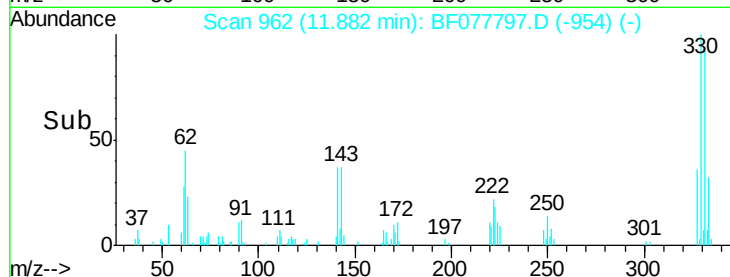
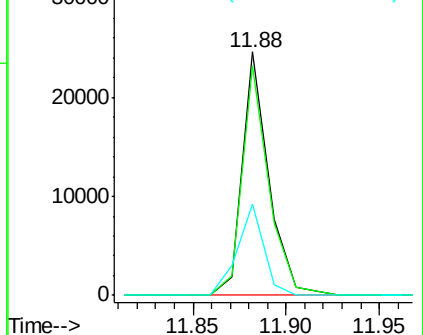
#41
 2,4,6-Tribromophenol
 Concen: 30.19 ng
 RT: 11.88 min Scan# 962
 Delta R.T. -0.01 min
 Lab File: BF077797.D
 Acq: 18 Mar 2015 12:43

Instrument :
 BNA_F
 ClientSampleId :
 PT-ACIDS-WPDL

Tgt Ion:330 Resp: 24261
 Ion Ratio Lower Upper
 330 100
 332 95.0 0.0 0.0#
 141 37.6 0.0 0.0#

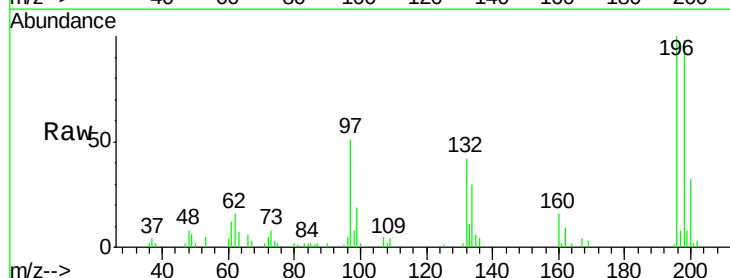


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

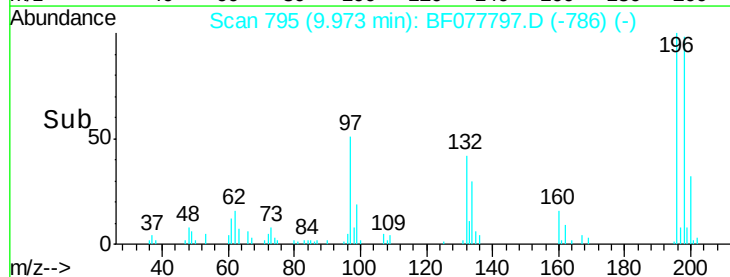
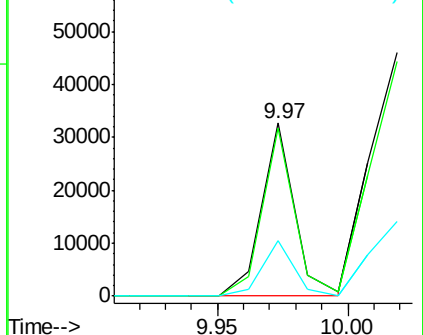


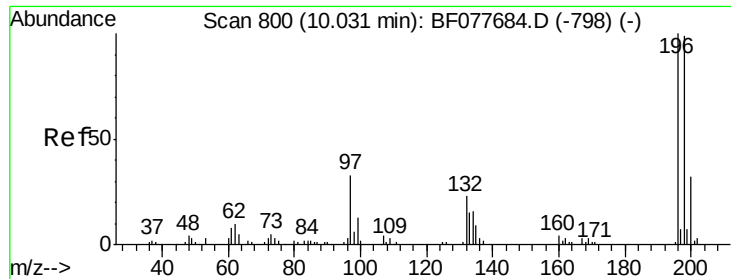
#42
 2,4,6-Trichlorophenol
 Concen: 16.60 ng
 RT: 9.97 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: BF077797.D
 Acq: 18 Mar 2015 12:43

Tgt Ion:196 Resp: 28795
 Ion Ratio Lower Upper
 196 100
 198 97.5 76.3 114.5
 200 31.9 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

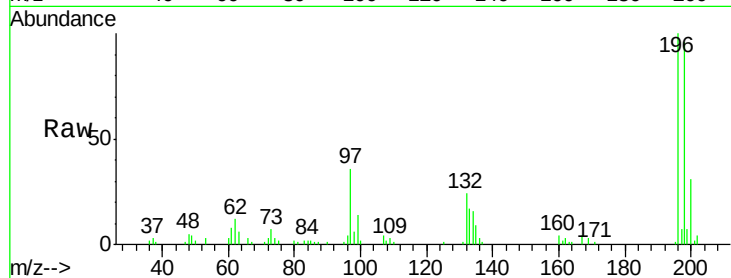




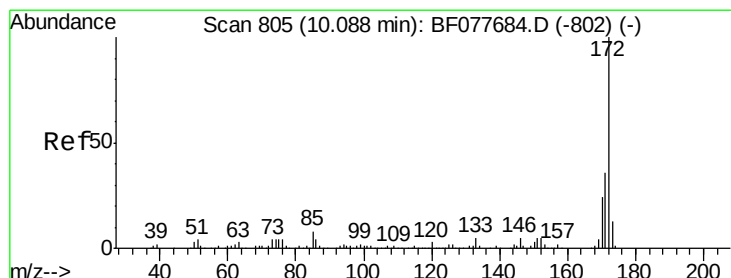
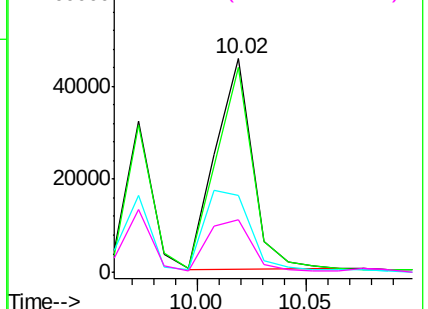
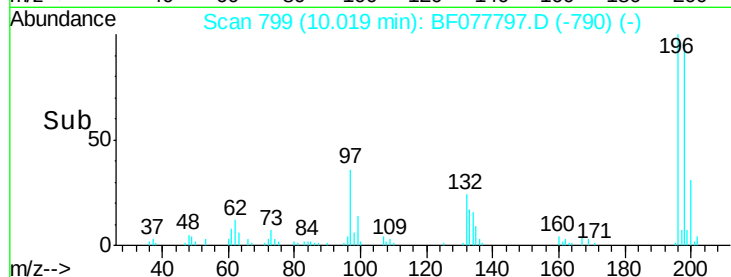
#43
 2,4,5-Trichlorophenol
 Concen: 28.79 ng
 RT: 10.02 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF077797.D
 Acq: 18 Mar 2015 12:43

Instrument :
 BNA_F
 ClientSampleId :
 PT-ACIDS-WPDL

Tgt Ion:196 Resp: 53958
 Ion Ratio Lower Upper
 196 100
 198 96.2 79.4 119.0
 97 36.2 26.8 40.2
 132 24.4 18.6 28.0

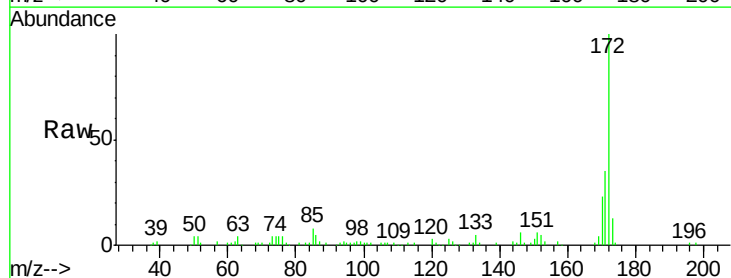


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

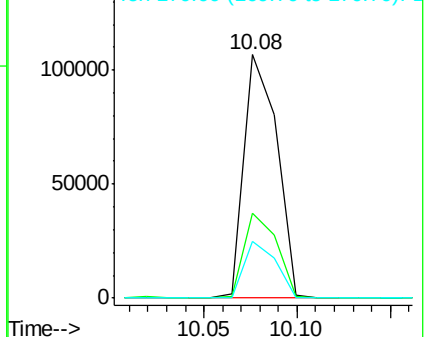
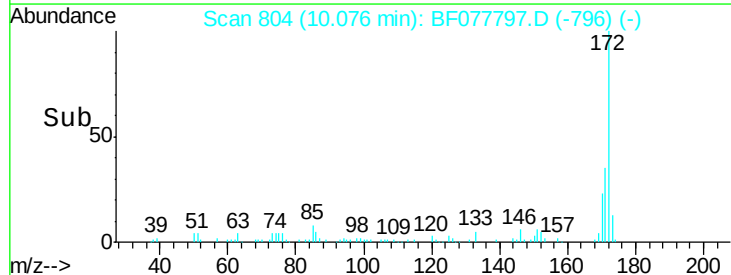


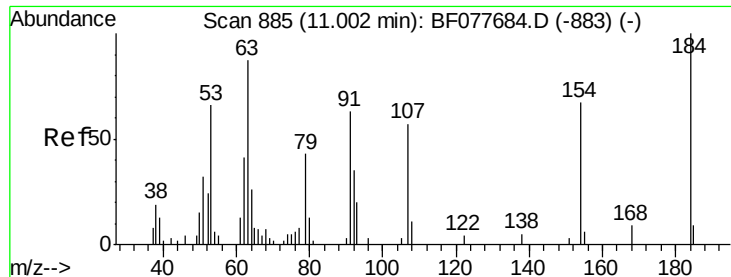
#44
 2-Fluorobiphenyl
 Concen: 22.97 ng
 RT: 10.08 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF077797.D
 Acq: 18 Mar 2015 12:43

Tgt Ion:172 Resp: 131239
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.5 42.7
 170 23.3 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

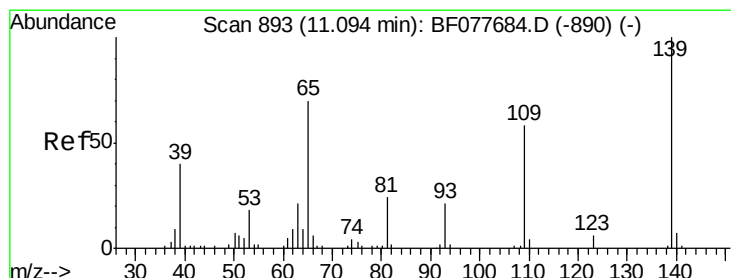
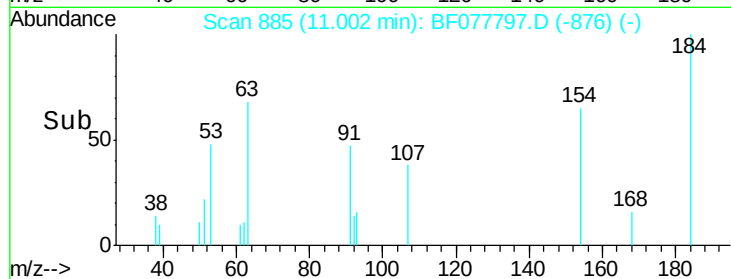
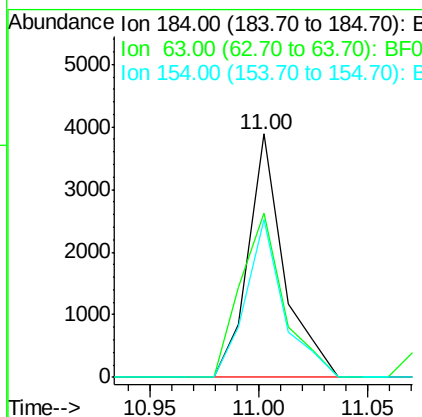
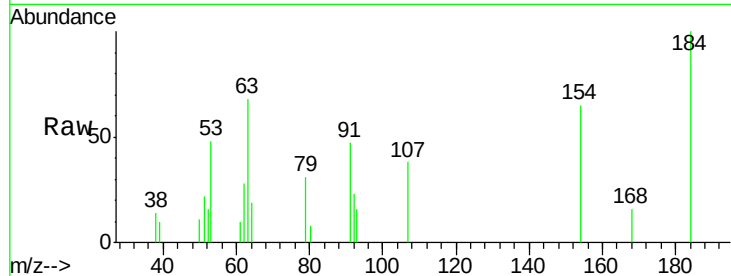




#53
 2,4-Dinitrophenol
 Concen: 16.52 ng
 RT: 11.00 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: BF077797.D
 Acq: 18 Mar 2015 12:43

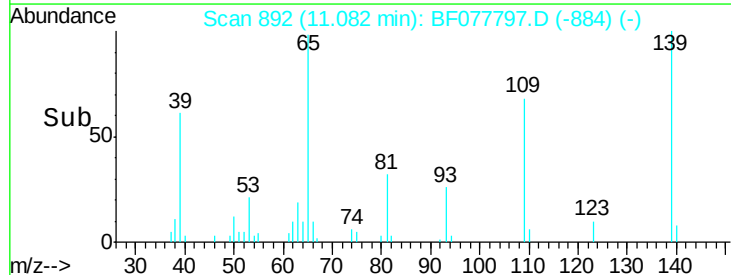
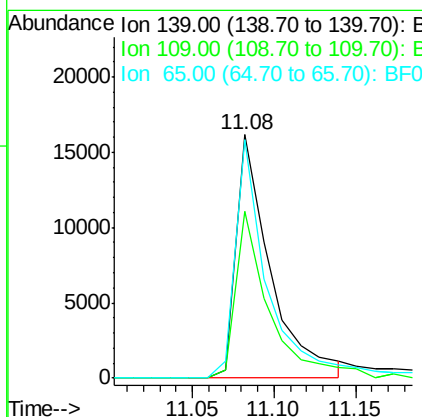
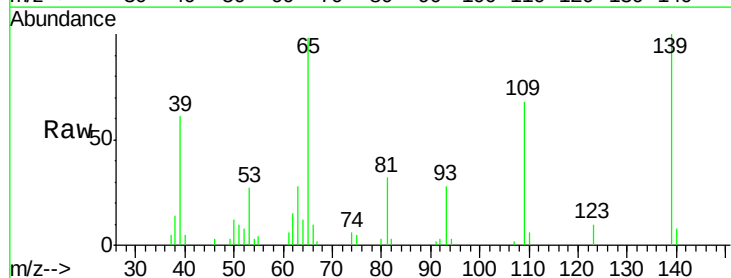
Instrument :
 BNA_F
 ClientSampleId :
 PT-ACIDS-WPDL

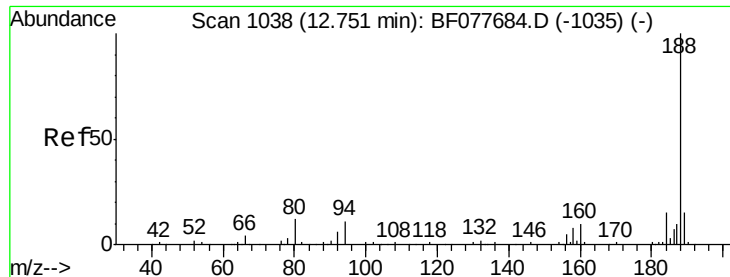
Tgt Ion:184 Resp: 4462
 Ion Ratio Lower Upper
 184 100
 63 67.6 69.2 103.8#
 154 64.7 53.3 79.9



#55
 4-Nitrophenol
 Concen: 21.13 ng
 RT: 11.08 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF077797.D
 Acq: 18 Mar 2015 12:43

Tgt Ion:139 Resp: 23475
 Ion Ratio Lower Upper
 139 100
 109 68.3 37.7 77.7
 65 97.8 49.9 89.9#

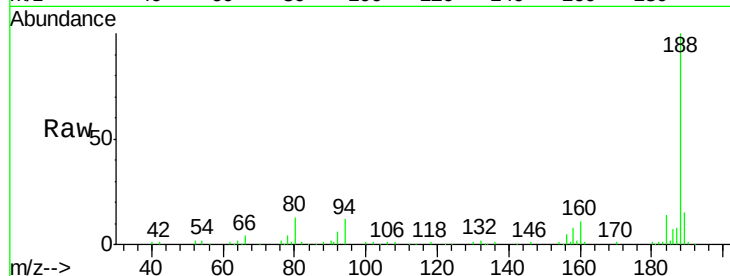




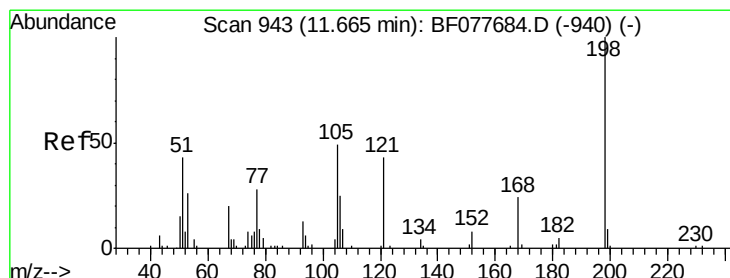
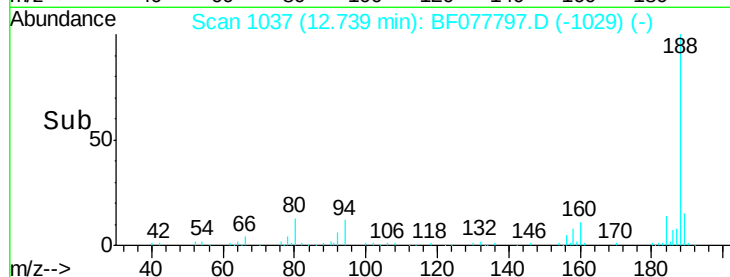
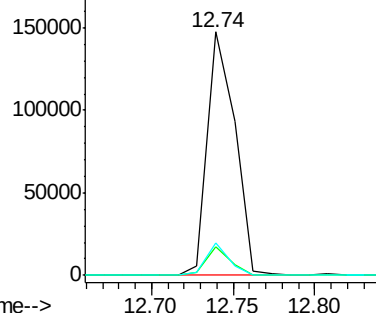
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.74 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF077797.D
 Acq: 18 Mar 2015 12:43

Instrument :
 BNA_F
 ClientSampleId :
 PT-ACIDS-WPDL

Tgt Ion:188 Resp: 171863
 Ion Ratio Lower Upper
 188 100
 94 11.8 8.7 13.1
 80 13.3 9.3 13.9

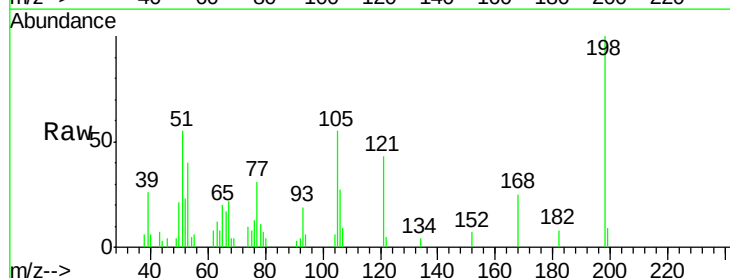


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

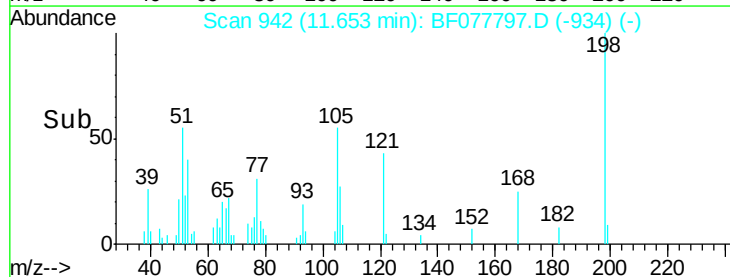
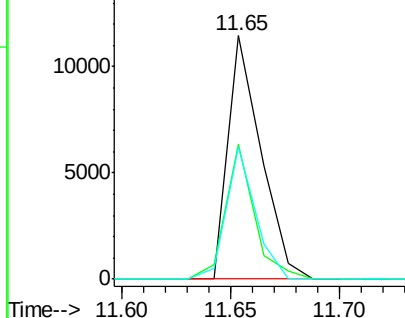


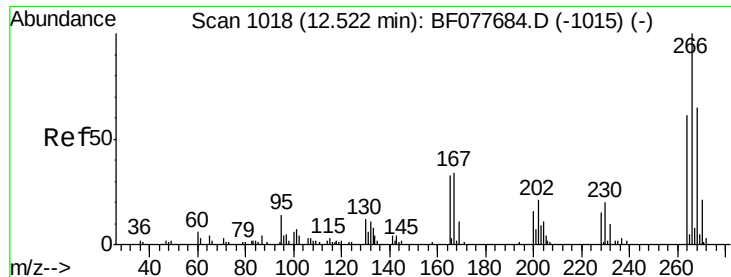
#64
 4,6-Dinitro-2-methylphenol
 Concen: 17.79 ng
 RT: 11.65 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: BF077797.D
 Acq: 18 Mar 2015 12:43

Tgt Ion:198 Resp: 12028
 Ion Ratio Lower Upper
 198 100
 51 55.4 28.8 68.8
 105 54.5 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

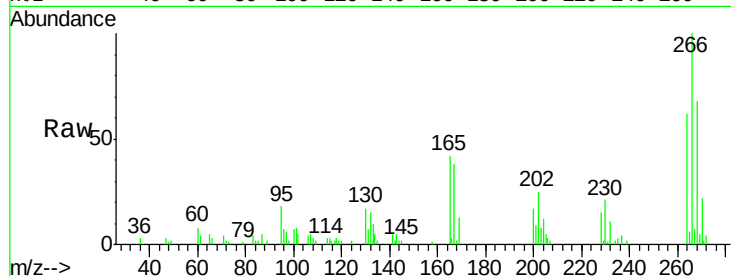




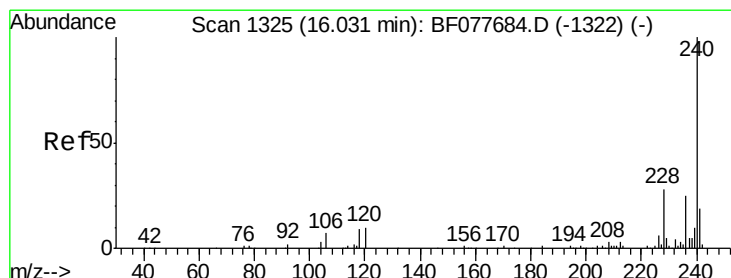
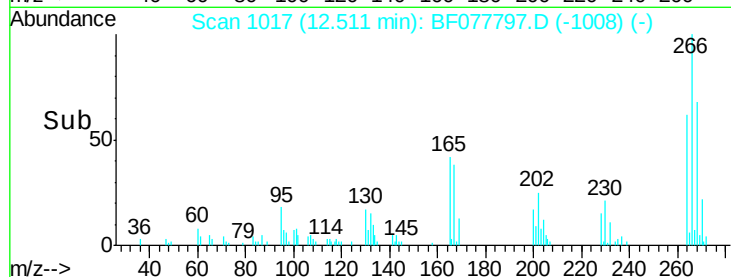
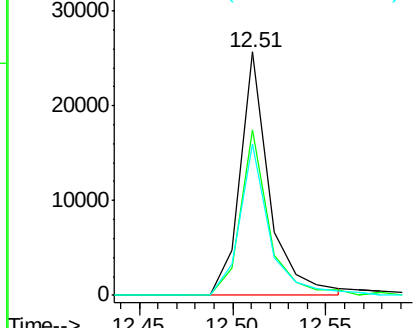
#69
 Pentachlorophenol
 Concen: 28.77 ng
 RT: 12.51 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: BF077797.D
 Acq: 18 Mar 2015 12:43

Instrument :
 BNA_F
 ClientSampleId :
 PT-ACIDS-WPDL

Tgt Ion:266 Resp: 28205
 Ion Ratio Lower Upper
 266 100
 268 67.9 52.0 78.0
 264 62.4 49.0 73.4

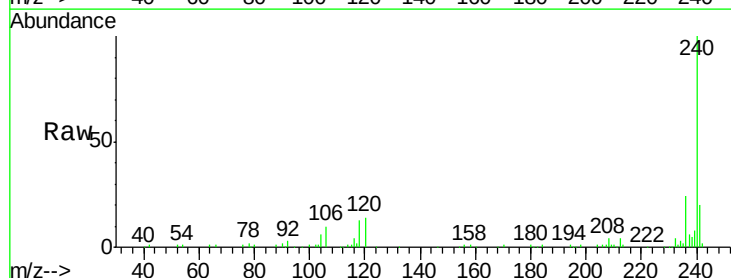


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

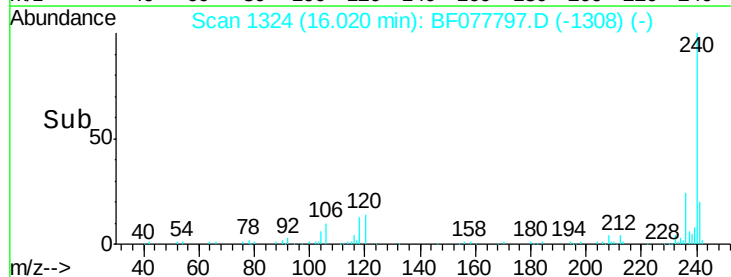
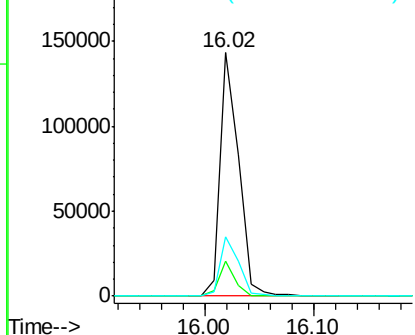


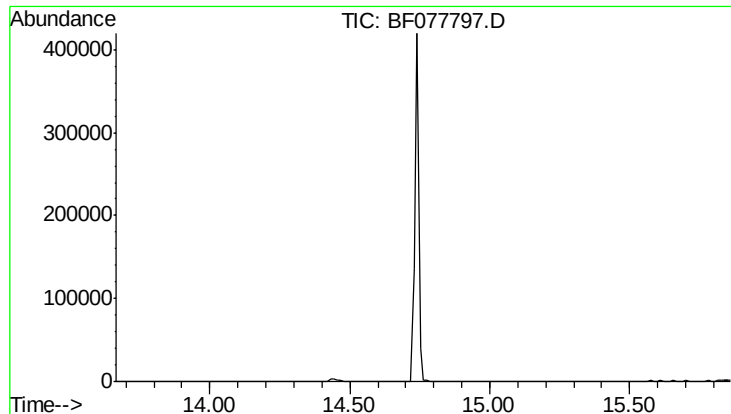
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.02 min Scan# 1324
 Delta R.T. -0.11 min
 Lab File: BF077797.D
 Acq: 18 Mar 2015 12:43

Tgt Ion:240 Resp: 170053
 Ion Ratio Lower Upper
 240 100
 120 14.2 8.2 12.2#
 236 24.4 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 0.00 ng

Expected RT: 14.76 min

Lab File: BF077797.D

Acq: 18 Mar 2015 12:43

Instrument :

BNA_F

ClientSampleId :

PT-ACIDS-WPDL

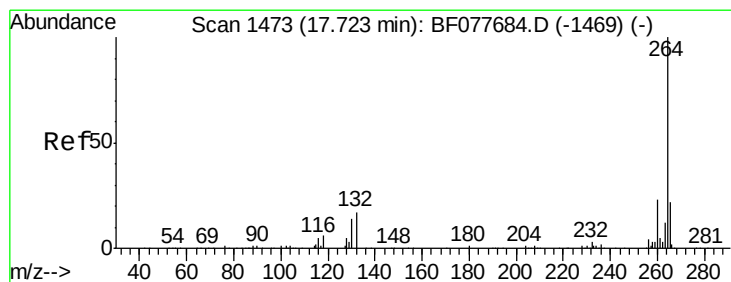
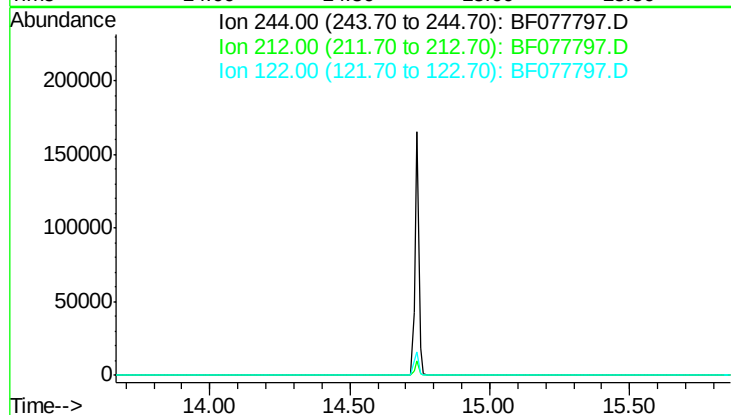
Tgt Ion: 244

Sig Exp Ratio

244 100

212 6.1

122 7.8



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.73 min Scan# 1474

Delta R.T. -0.37 min

Lab File: BF077797.D

Acq: 18 Mar 2015 12:43

Tgt Ion: 264 Resp: 169924

Ion Ratio Lower Upper

264 100

260 23.3 18.6 27.8

265 20.8 17.3 25.9

