

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031815\
 Data File : BF077801.D
 Acq On : 18 Mar 2015 17:46
 Operator : TP/IZ
 Sample : G1457-06DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PT-ACIDS-WPDL

Quant Time: Mar 19 00:49:27 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

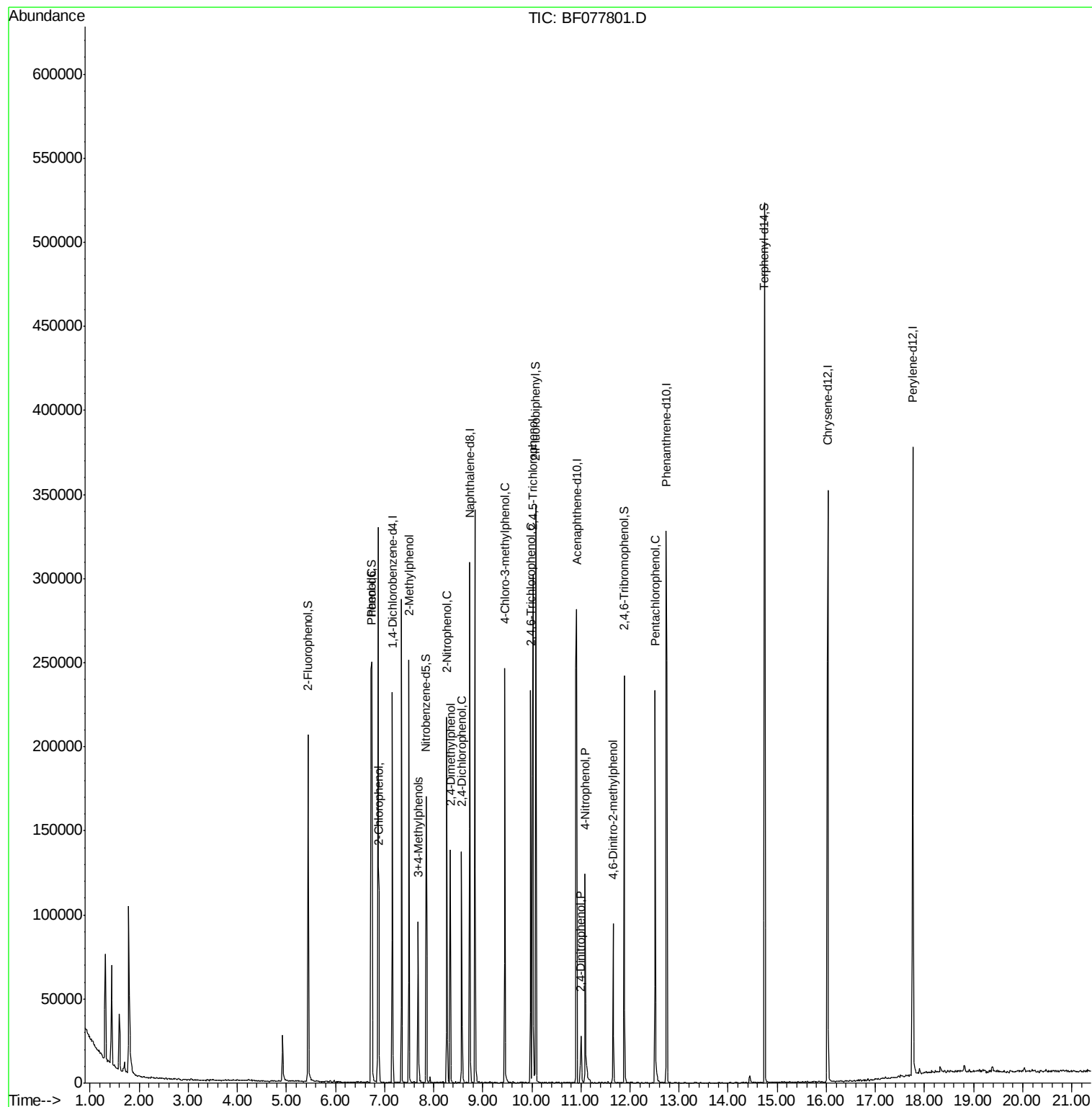
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	40788	20.00	ng	-0.01
21) Naphthalene-d8	8.74	136	169864	20.00	ng	-0.01
38) Acenaphthene-d10	10.91	164	82784	20.00	ng	0.00
63) Phenanthrene-d10	12.74	188	170488	20.00	ng	-0.01
75) Chrysene-d12	16.03	240	175668	20.00	ng	0.00
86) Perylene-d12	17.76	264	170455	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	86706	37.11	ng	-0.02
7) Phenol-d6	6.73	99	114667	39.72	ng	-0.01
23) Nitrobenzene-d5	7.85	82	61659	23.79	ng	-0.01
41) 2,4,6-Tribromophenol	11.88	330	28588	36.09	ng	-0.01
44) 2-Fluorobiphenyl	10.08	172	153819	27.31	ng	-0.01
78) Terphenyl-d14	14.74	244	185828	25.84	ng	0.00
Target Compounds						Qvalue
8) 2-Chlorophenol	6.89	128	31159	11.20	ng	96
10) Phenol	6.74	94	82183	24.08	ng	# 70
17) 2-Methylphenol	7.49	107	47147	20.82	ng	98
20) 3+4-Methylphenols	7.69	107	37273	12.54	ng	85
26) 2-Nitrophenol	8.27	139	41497	30.36	ng	92
27) 2,4-Dimethylphenol	8.34	122	25286	10.16	ng	98
29) 2,4-Dichlorophenol	8.57	162	31042	13.08	ng	94
36) 4-Chloro-3-methylphenol	9.45	107	56236	23.55	ng	96
42) 2,4,6-Trichlorophenol	9.97	196	34820	20.36	ng	98
43) 2,4,5-Trichlorophenol	10.02	196	63942	34.60	ng	97
53) 2,4-Dinitrophenol	11.00	184	5278	18.21	ng	# 77
55) 4-Nitrophenol	11.08	139	28668	26.18	ng	# 79
64) 4,6-Dinitro-2-methylphenol	11.65	198	13235	19.27	ng	86
69) Pentachlorophenol	12.51	266	32550	32.97	ng	97

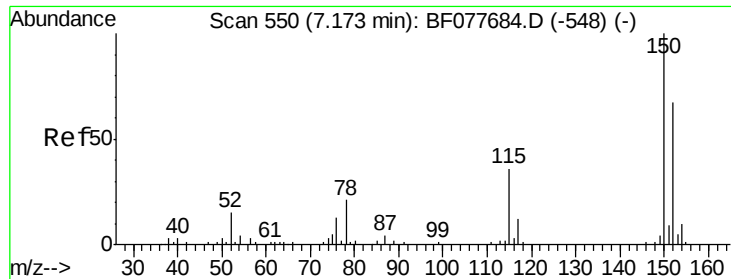
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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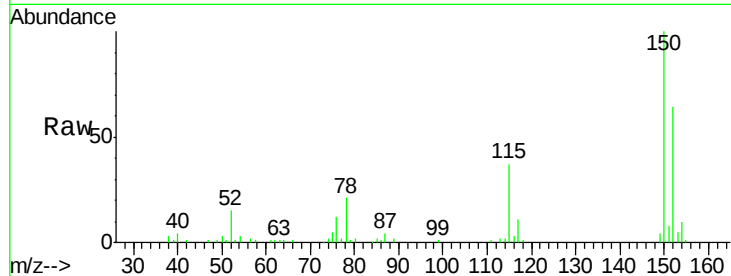


#1

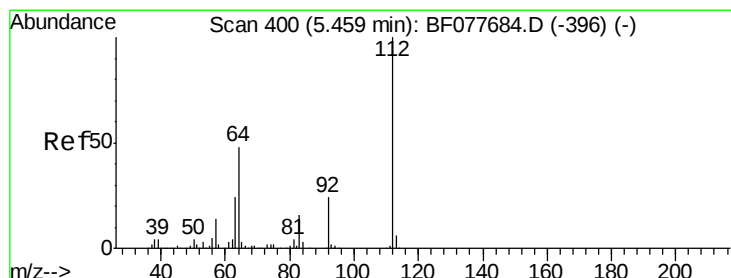
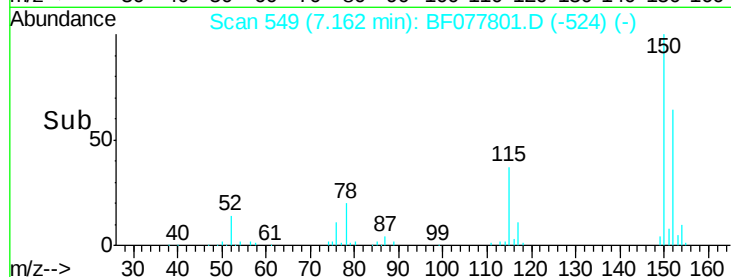
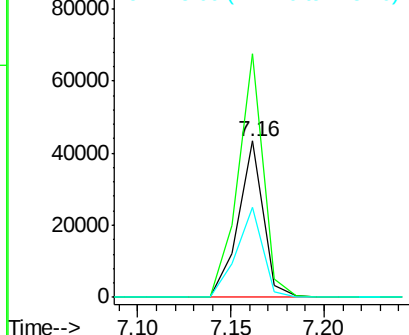
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.16 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF077801.D
Acq: 18 Mar 2015 17:46

Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion:152 Resp: 40788
Ion Ratio Lower Upper
152 100
150 155.6 119.5 179.3
115 57.6 43.0 64.4



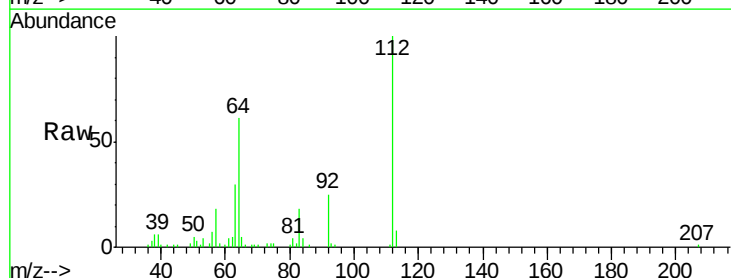
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



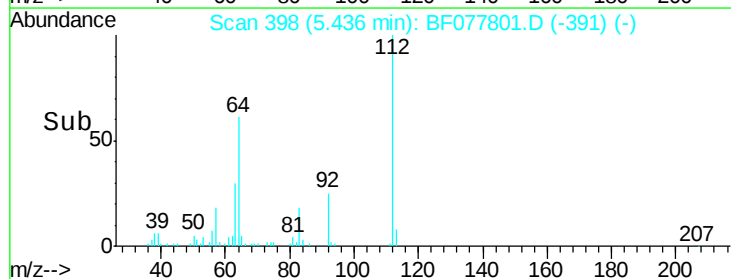
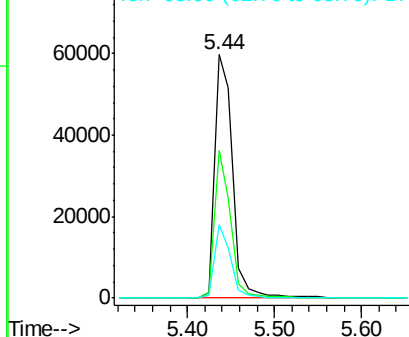
#5

2-Fluorophenol
Concen: 37.11 ng
RT: 5.44 min Scan# 398
Delta R.T. -0.02 min
Lab File: BF077801.D
Acq: 18 Mar 2015 17:46

Tgt Ion:112 Resp: 86706
Ion Ratio Lower Upper
112 100
64 60.8 38.6 57.8#
63 30.3 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: 39.72 ng

RT: 6.73 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF077801.D

Acq: 18 Mar 2015 17:46

Instrument :

BNA_F

ClientSampleId :

PT-ACIDS-WPDL

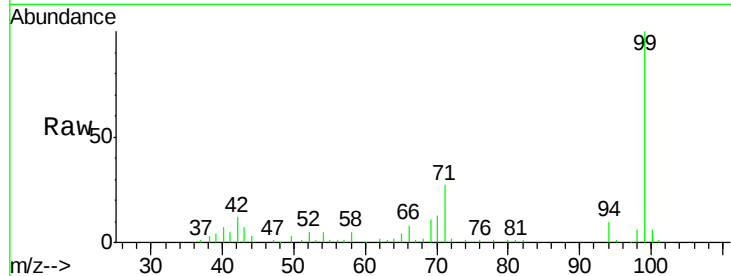
Tgt Ion: 99 Resp: 114667

Ion Ratio Lower Upper

99 100

42 12.2 11.0 16.4

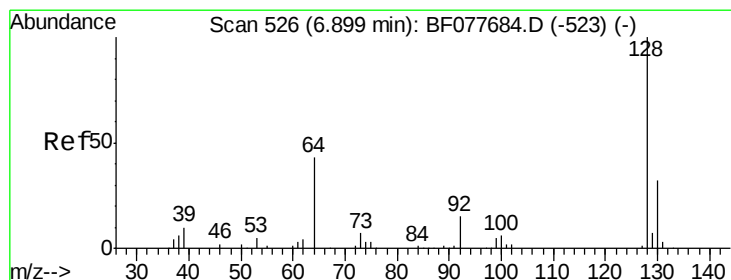
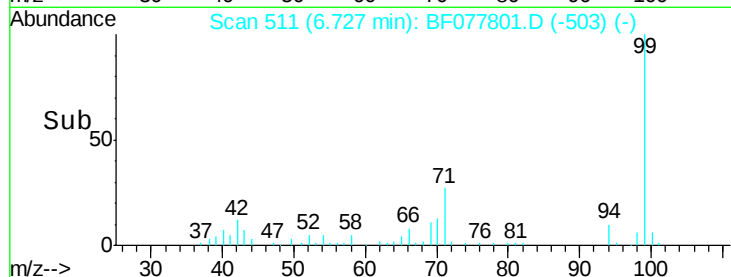
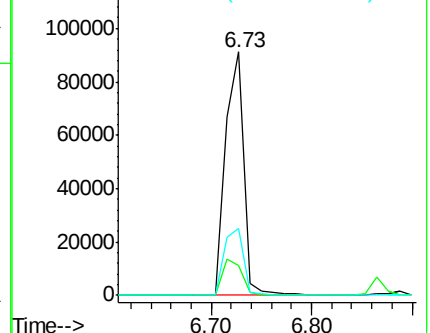
71 27.3 23.4 35.2



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: 11.20 ng

RT: 6.89 min Scan# 525

Delta R.T. -0.01 min

Lab File: BF077801.D

Acq: 18 Mar 2015 17:46

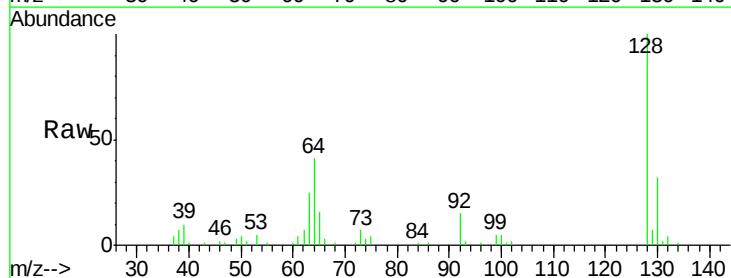
Tgt Ion: 128 Resp: 31159

Ion Ratio Lower Upper

128 100

130 32.3 12.0 52.0

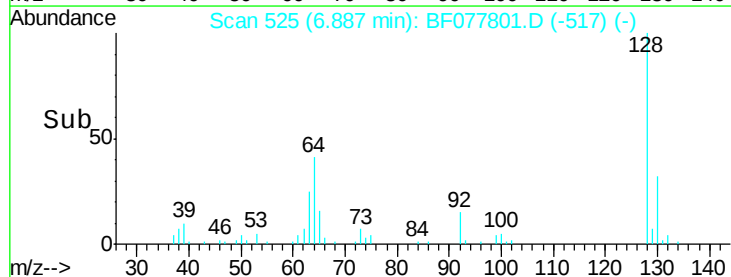
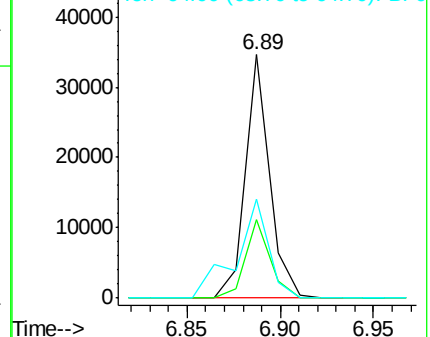
64 40.8 24.9 64.9

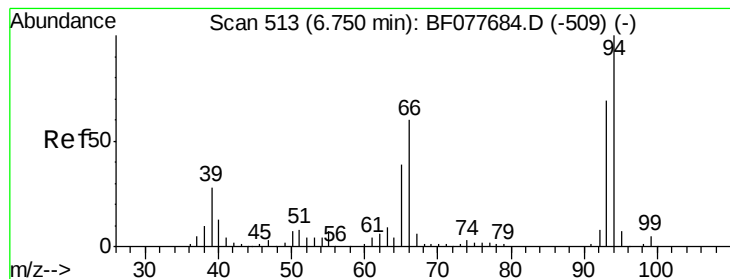


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#10

Phenol

Concen: 24.08 ng

RT: 6.74 min Scan# 512

Delta R.T. -0.01 min

Lab File: BF077801.D

Acq: 18 Mar 2015 17:46

Instrument :

BNA_F

ClientSampleId :

PT-ACIDS-WPDL

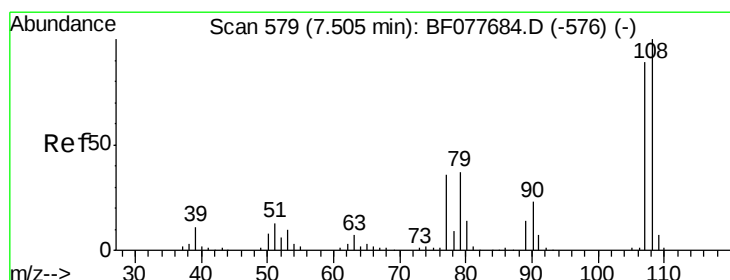
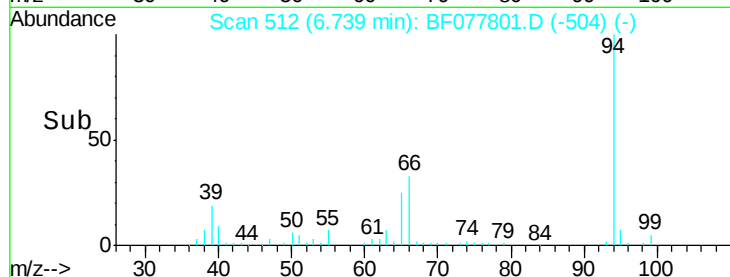
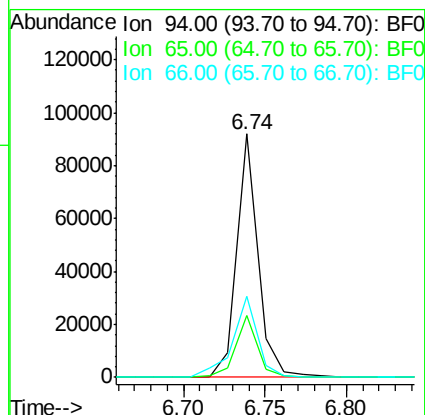
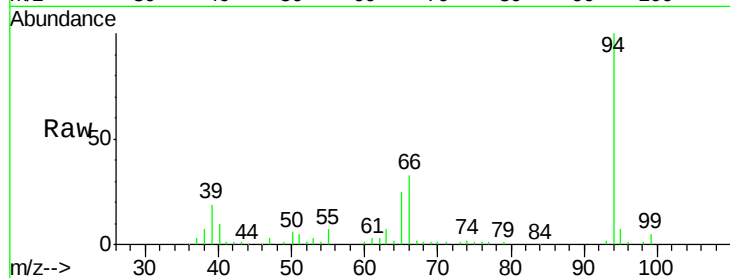
Tgt Ion: 94 Resp: 82183

Ion Ratio Lower Upper

94 100

65 25.5 18.8 58.8

66 33.3 39.9 79.9#



#17

2-Methylphenol

Concen: 20.82 ng

RT: 7.49 min Scan# 578

Delta R.T. -0.01 min

Lab File: BF077801.D

Acq: 18 Mar 2015 17:46

Tgt Ion: 107 Resp: 47147

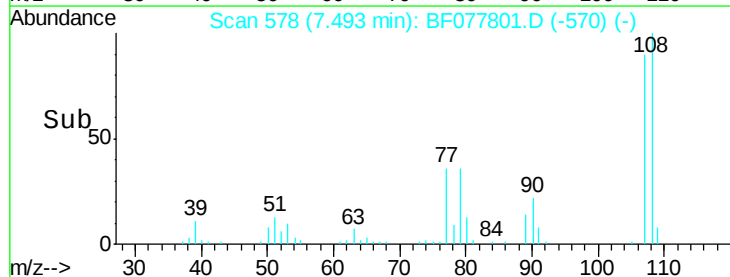
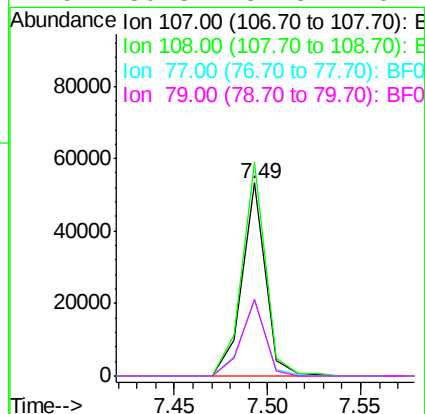
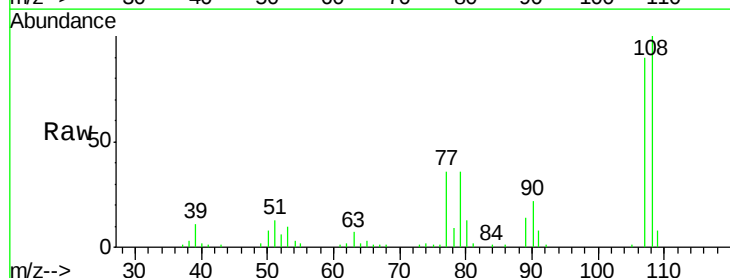
Ion Ratio Lower Upper

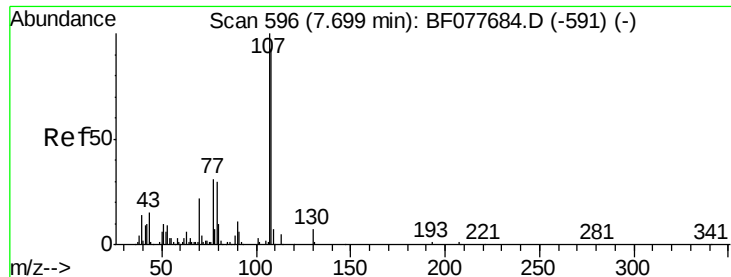
107 100

108 110.7 89.8 134.8

77 39.4 32.6 48.8

79 39.5 32.8 49.2





#20

3+4-Methylphenols

Concen: 12.54 ng

RT: 7.69 min Scan# 595

Delta R.T. -0.01 min

Lab File: BF077801.D

Acq: 18 Mar 2015 17:46

Instrument :

BNA_F

ClientSampleId :

PT-ACIDS-WPDL

Tgt Ion:107 Resp: 37273

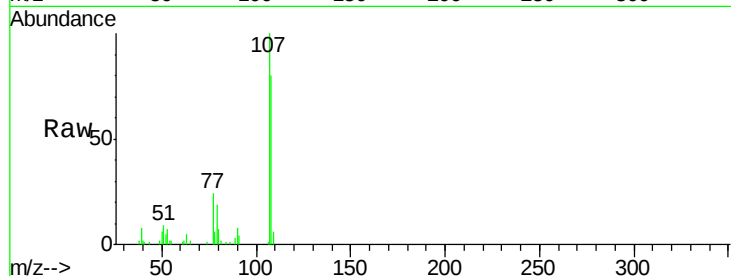
Ion Ratio Lower Upper

107 100

108 79.7 73.2 113.2

77 23.9 10.7 50.7

79 18.5 9.6 49.6

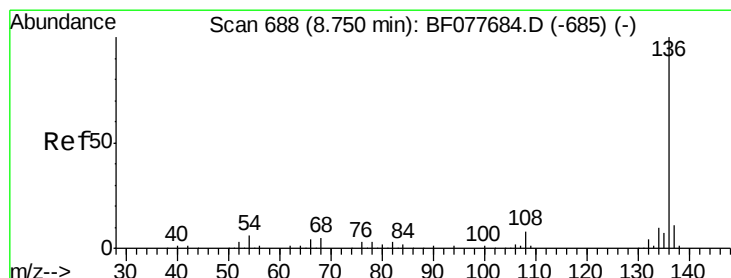
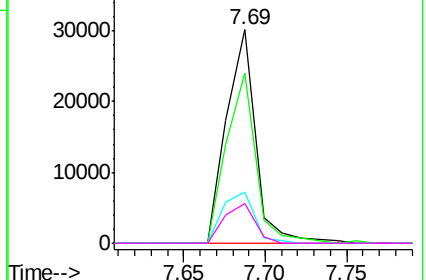
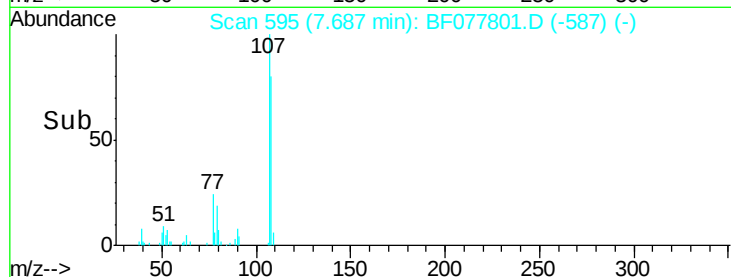


Abundance Ion 107.00 (106.70 to 107.70): E

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. -0.01 min

Lab File: BF077801.D

Acq: 18 Mar 2015 17:46

Tgt Ion:136 Resp: 169864

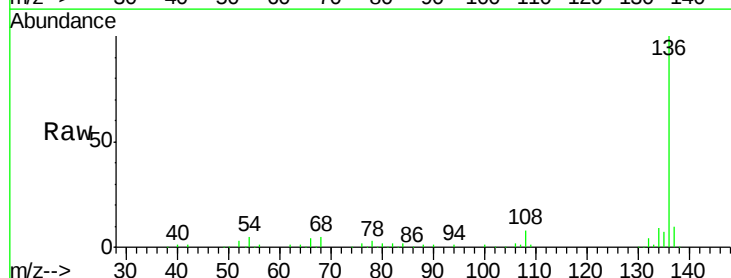
Ion Ratio Lower Upper

136 100

137 10.4 8.7 13.1

54 5.5 4.6 6.8

68 4.7 3.7 5.5

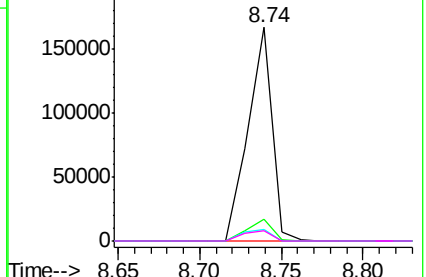
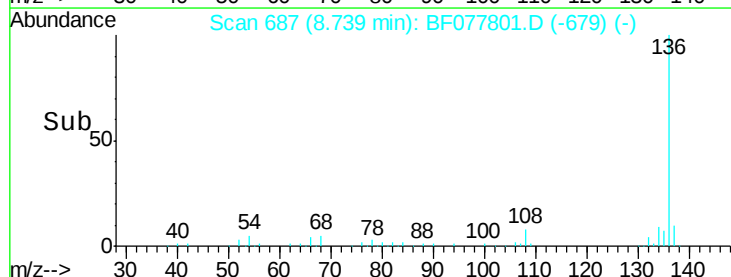


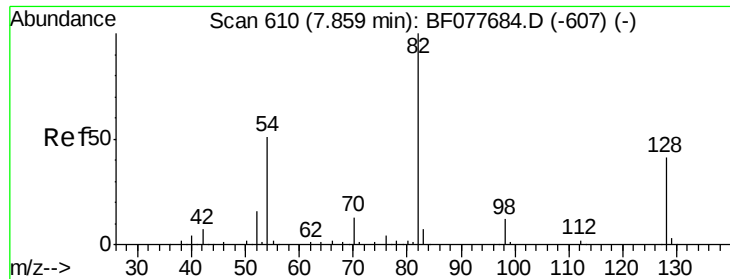
Abundance Ion 136.00 (135.70 to 136.70): E

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

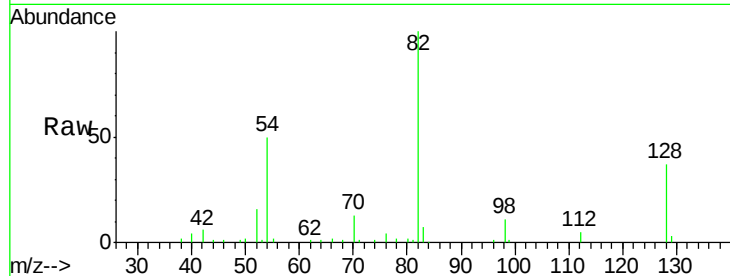




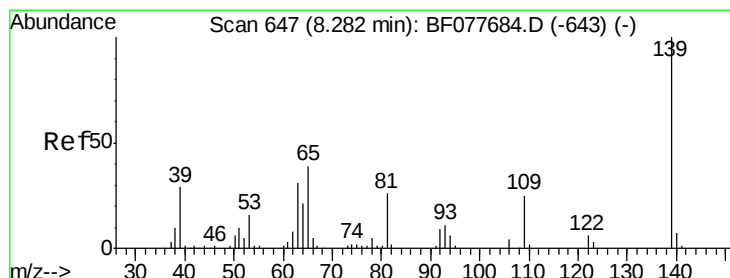
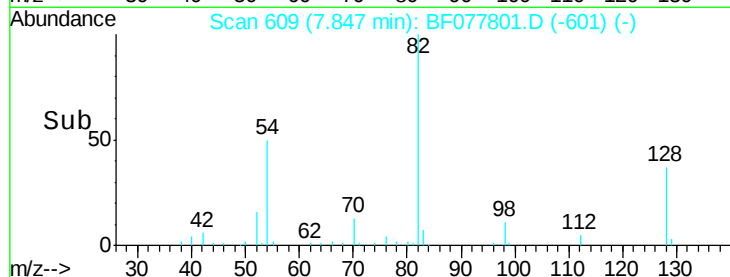
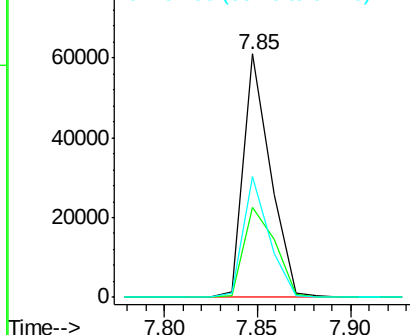
#23
 Nitrobenzene-d5
 Concen: 23.79 ng
 RT: 7.85 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF077801.D
 Acq: 18 Mar 2015 17:46

Instrument :
 BNA_F
 ClientSampleId :
 PT-ACIDS-WPDL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.2	32.8	49.2
54	49.8	40.6	60.8

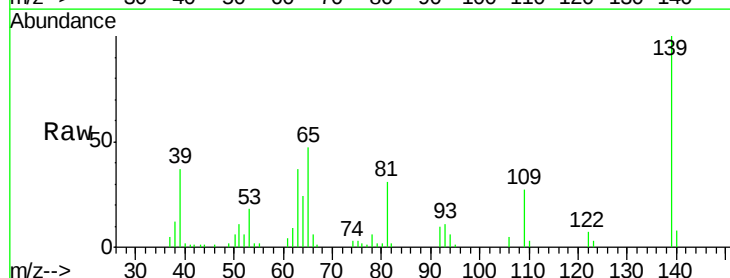


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

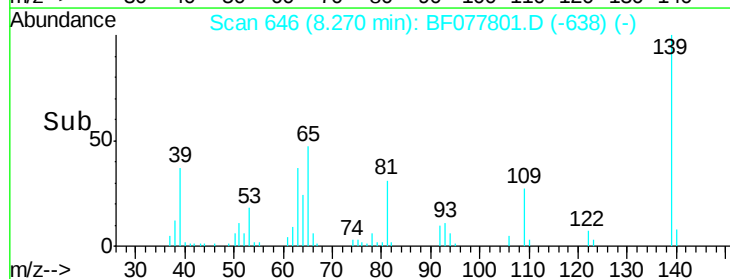
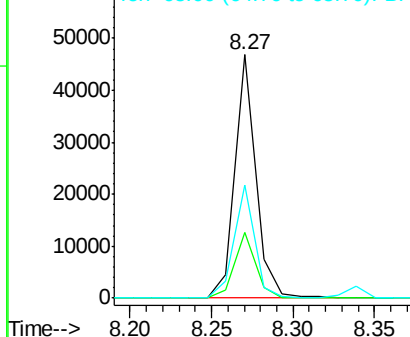


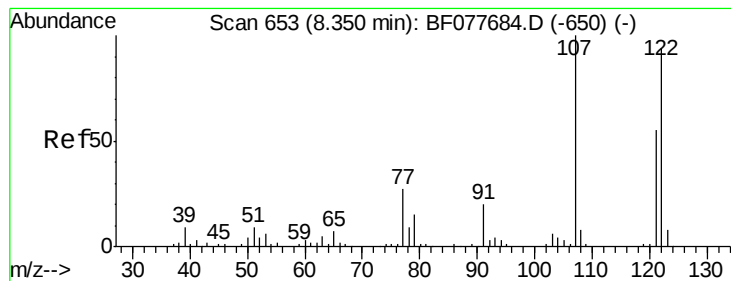
#26
 2-Nitrophenol
 Concen: 30.36 ng
 RT: 8.27 min Scan# 646
 Delta R.T. -0.01 min
 Lab File: BF077801.D
 Acq: 18 Mar 2015 17:46

Tgt Ion	Ratio	Lower	Upper
139	100		
109	26.8	20.1	30.1
65	46.5	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

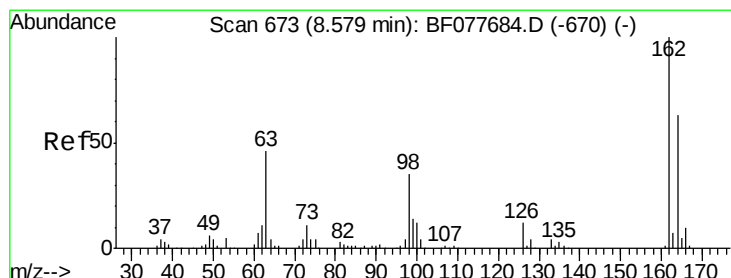
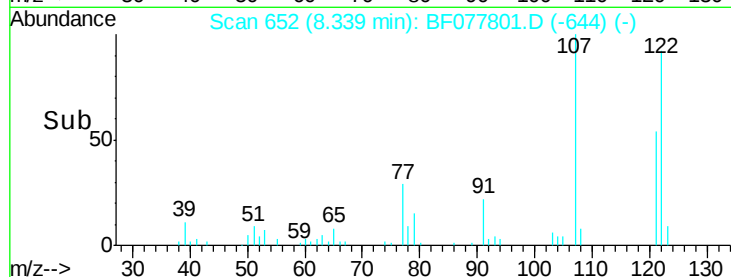
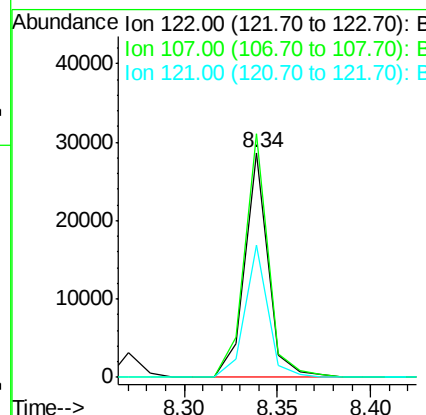
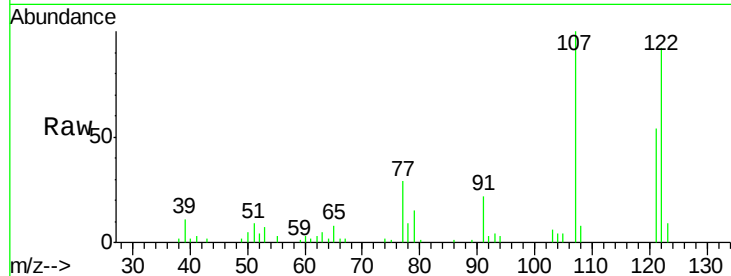




#27
 2,4-Dimethylphenol
 Concen: 10.16 ng
 RT: 8.34 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: BF077801.D
 Acq: 18 Mar 2015 17:46

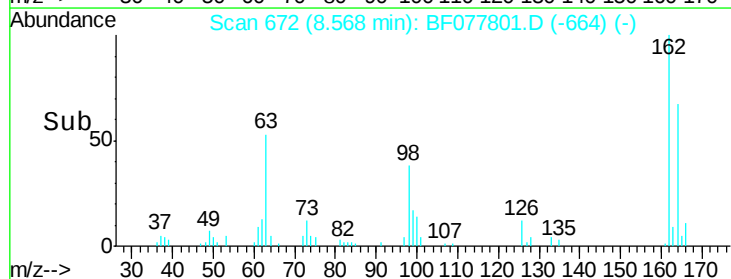
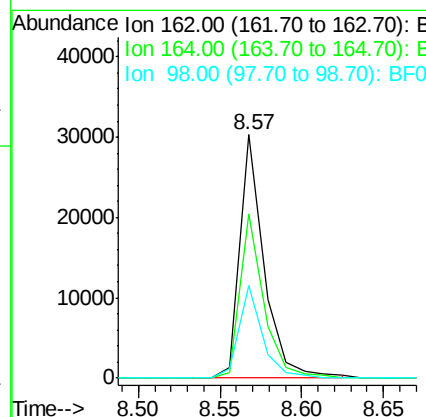
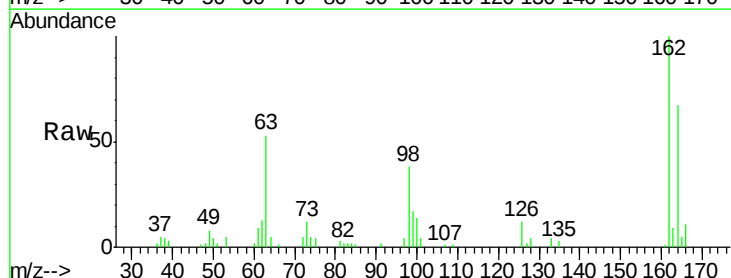
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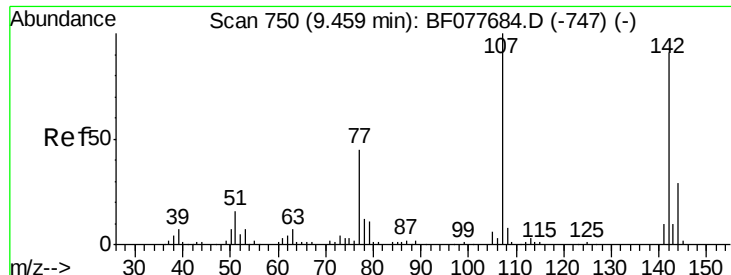
Tgt Ion:122 Resp: 25286
 Ion Ratio Lower Upper
 122 100
 107 108.2 84.7 127.1
 121 58.9 46.6 69.8



#29
 2,4-Dichlorophenol
 Concen: 13.08 ng
 RT: 8.57 min Scan# 672
 Delta R.T. -0.01 min
 Lab File: BF077801.D
 Acq: 18 Mar 2015 17:46

Tgt Ion:162 Resp: 31042
 Ion Ratio Lower Upper
 162 100
 164 67.3 42.8 82.8
 98 38.1 14.5 54.5

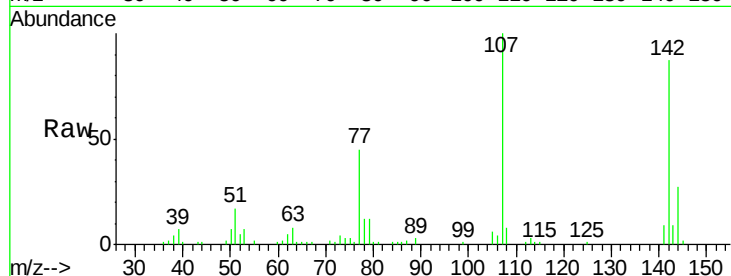




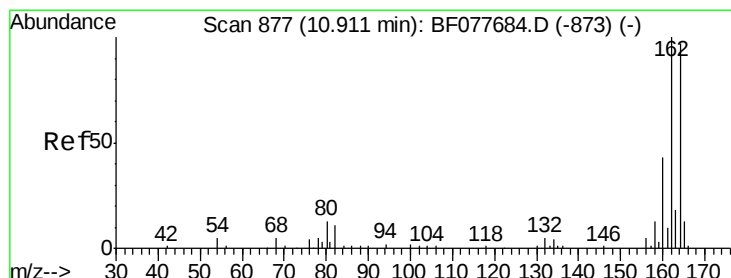
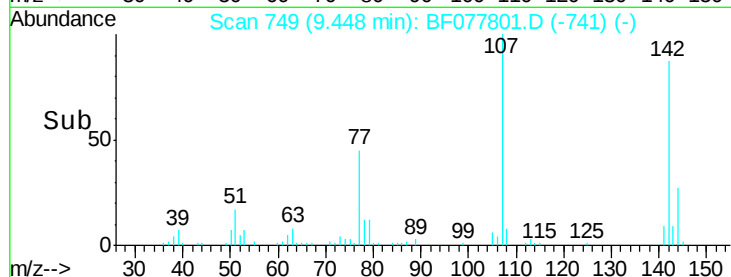
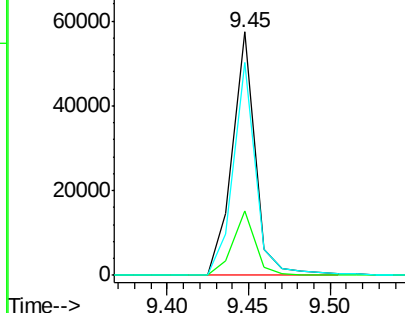
#36
 4-Chloro-3-methylphenol
 Concen: 23.55 ng
 RT: 9.45 min Scan# 749
 Delta R.T. -0.01 min
 Lab File: BF077801.D
 Acq: 18 Mar 2015 17:46

Instrument :
 BNA_F
 ClientSampleId :
 PT-ACIDS-WPDL

Tgt Ion:107 Resp: 56236
 Ion Ratio Lower Upper
 107 100
 144 26.7 23.3 34.9
 142 87.3 72.6 109.0

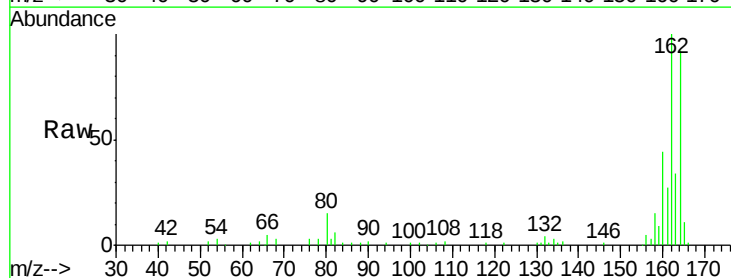


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

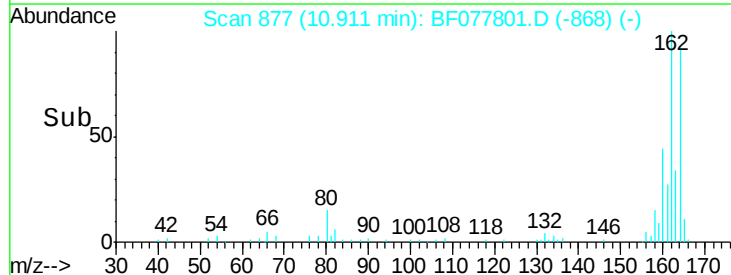
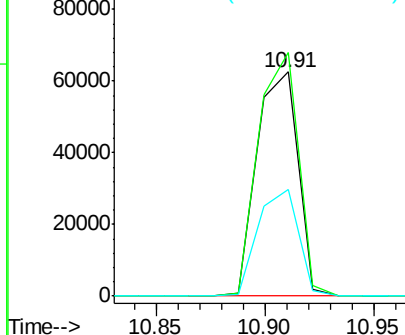


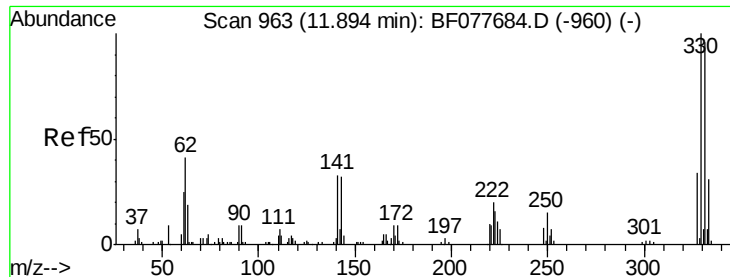
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.91 min Scan# 877
 Delta R.T. -0.00 min
 Lab File: BF077801.D
 Acq: 18 Mar 2015 17:46

Tgt Ion:164 Resp: 82784
 Ion Ratio Lower Upper
 164 100
 162 108.6 82.4 123.6
 160 47.5 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

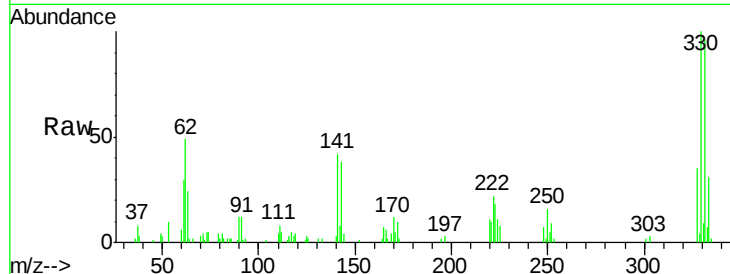




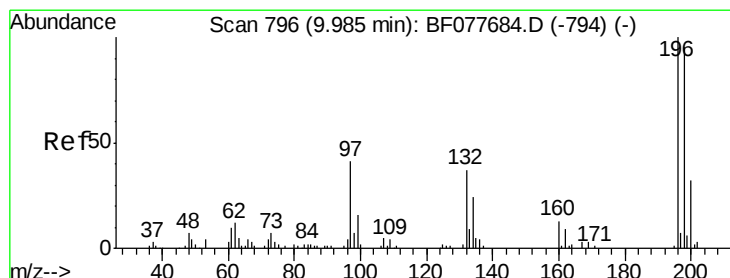
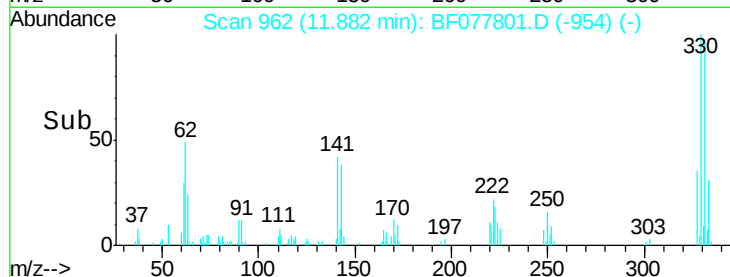
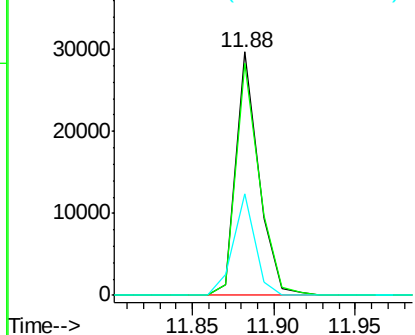
#41
 2,4,6-Tribromophenol
 Concen: 36.09 ng
 RT: 11.88 min Scan# 962
 Delta R.T. -0.01 min
 Lab File: BF077801.D
 Acq: 18 Mar 2015 17:46

Instrument :
 BNA_F
 ClientSampleId :
 PT-ACIDS-WPDL

Tgt Ion:330 Resp: 28588
 Ion Ratio Lower Upper
 330 100
 332 98.1 0.0 0.0#
 141 39.7 0.0 0.0#

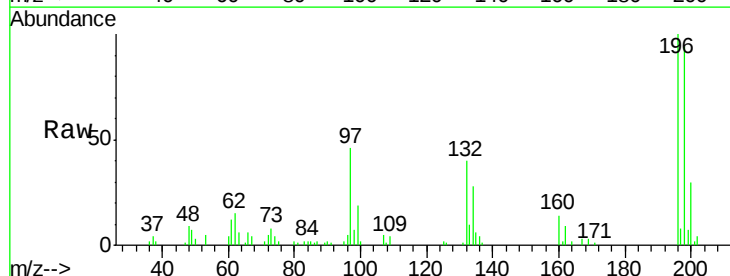


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

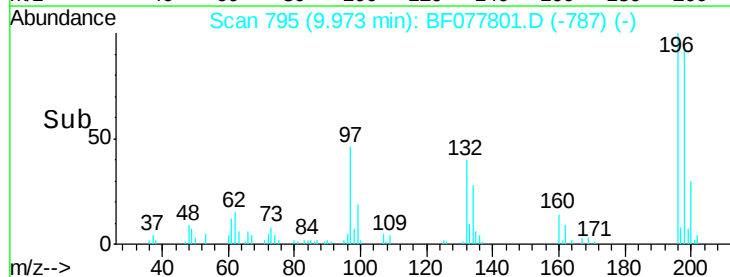
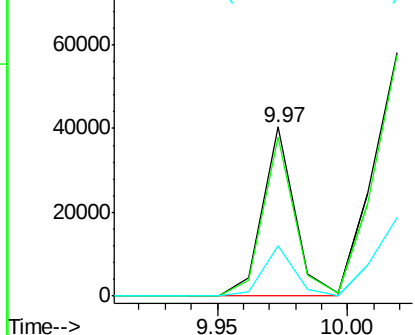


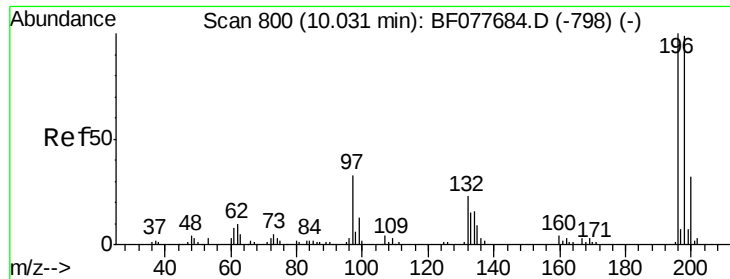
#42
 2,4,6-Trichlorophenol
 Concen: 20.36 ng
 RT: 9.97 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF077801.D
 Acq: 18 Mar 2015 17:46

Tgt Ion:196 Resp: 34820
 Ion Ratio Lower Upper
 196 100
 198 94.2 76.3 114.5
 200 29.9 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

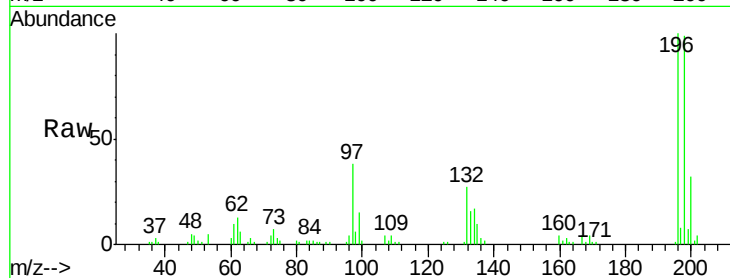




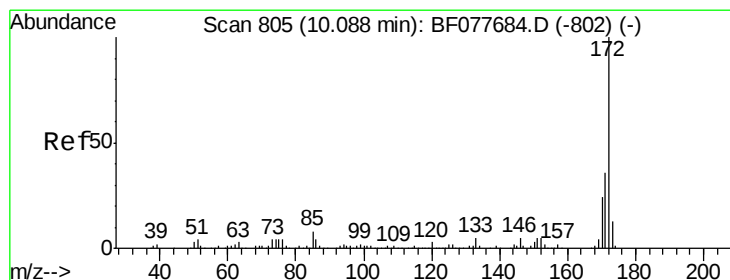
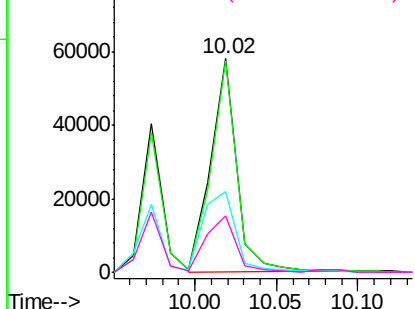
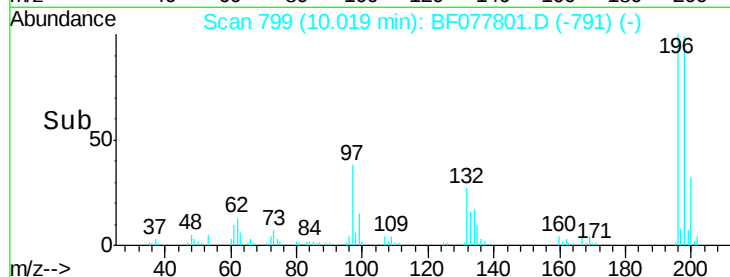
#43
 2,4,5-Trichlorophenol
 Concen: 34.60 ng
 RT: 10.02 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF077801.D
 Acq: 18 Mar 2015 17:46

Instrument :
 BNA_F
 ClientSampleId :
 PT-ACIDS-WPDL

Tgt Ion:196 Resp: 63942
 Ion Ratio Lower Upper
 196 100
 198 99.0 79.4 119.0
 97 37.8 26.8 40.2
 132 26.6 18.6 28.0

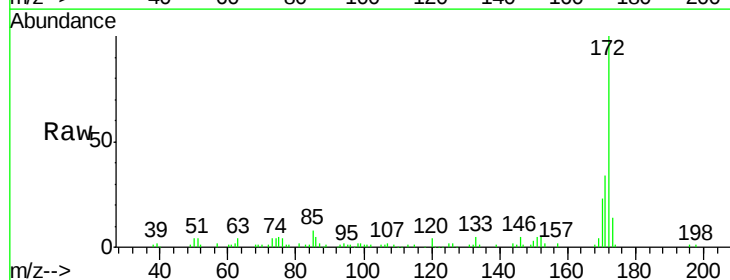


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

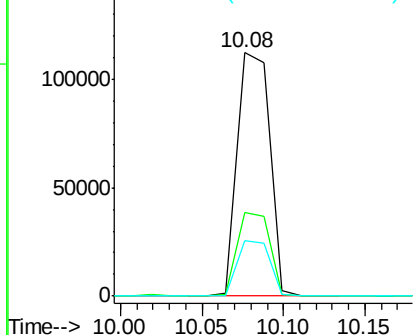
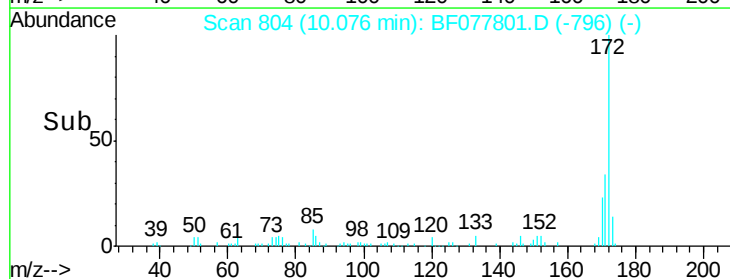


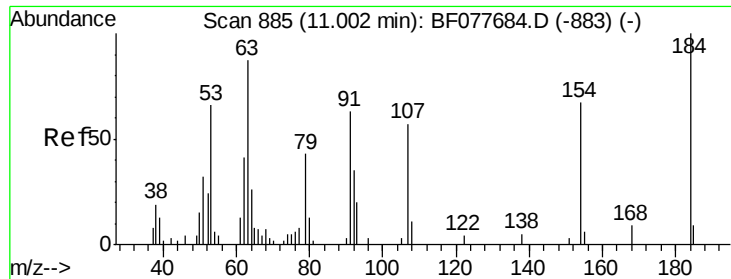
#44
 2-Fluorobiphenyl
 Concen: 27.31 ng
 RT: 10.08 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF077801.D
 Acq: 18 Mar 2015 17:46

Tgt Ion:172 Resp: 153819
 Ion Ratio Lower Upper
 172 100
 171 34.1 28.5 42.7
 170 23.0 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

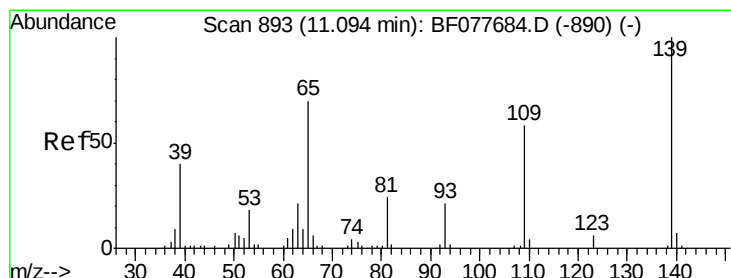
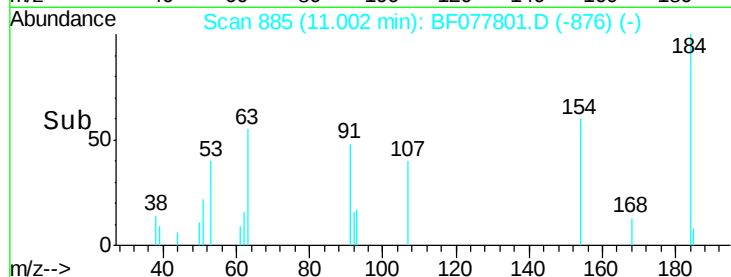
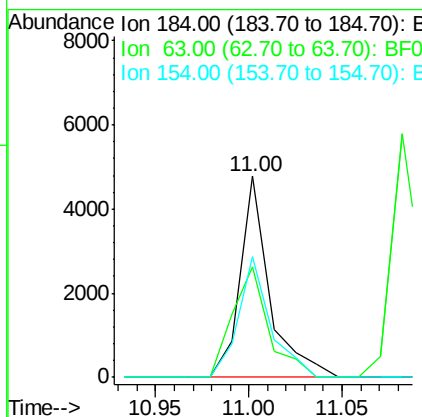
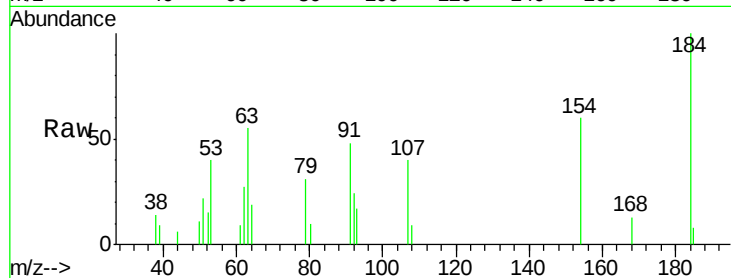




#53
 2,4-Dinitrophenol
 Concen: 18.21 ng
 RT: 11.00 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: BF077801.D
 Acq: 18 Mar 2015 17:46

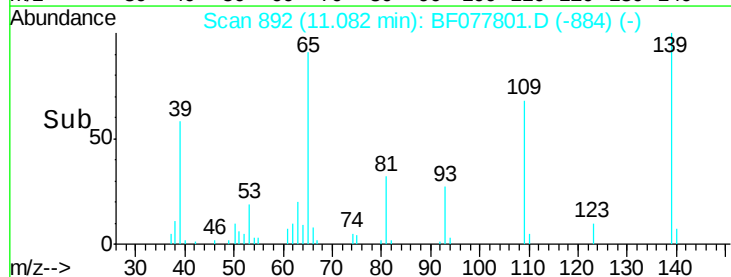
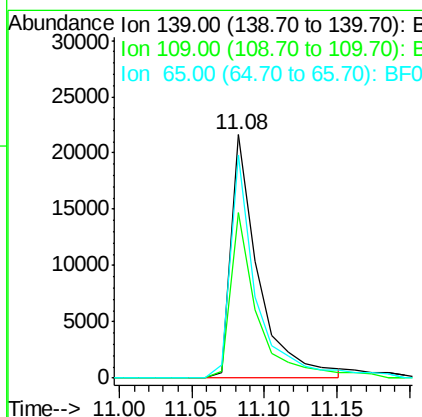
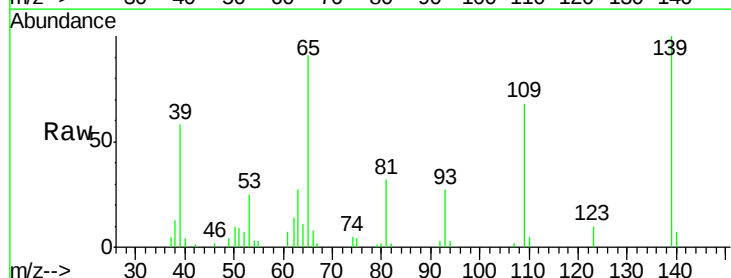
Instrument :
 BNA_F
 ClientSampleId :
 PT-ACIDS-WPDL

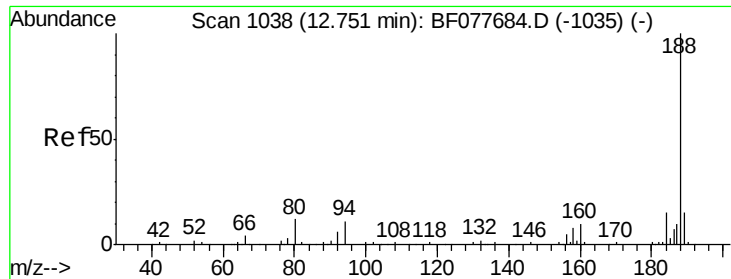
Tgt Ion:184 Resp: 5278
 Ion Ratio Lower Upper
 184 100
 63 54.7 69.2 103.8#
 154 59.7 53.3 79.9



#55
 4-Nitrophenol
 Concen: 26.18 ng
 RT: 11.08 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF077801.D
 Acq: 18 Mar 2015 17:46

Tgt Ion:139 Resp: 28668
 Ion Ratio Lower Upper
 139 100
 109 68.0 37.7 77.7
 65 91.5 49.9 89.9#

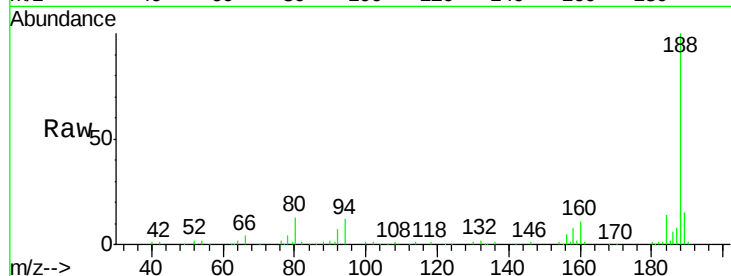




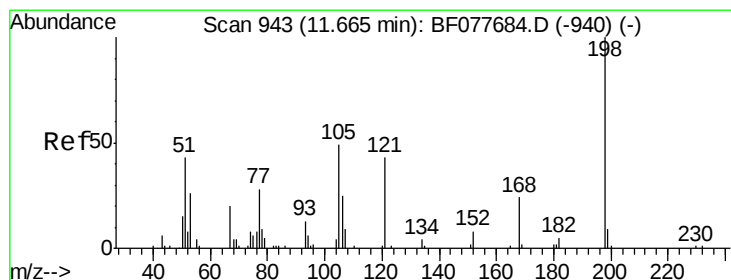
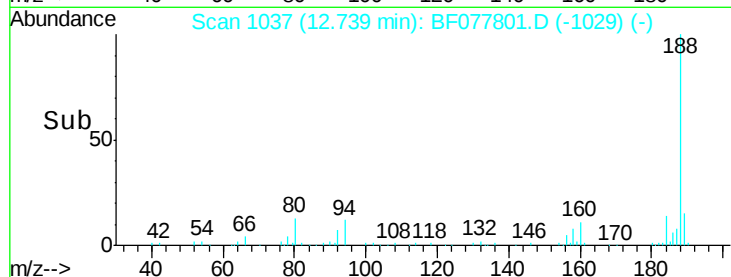
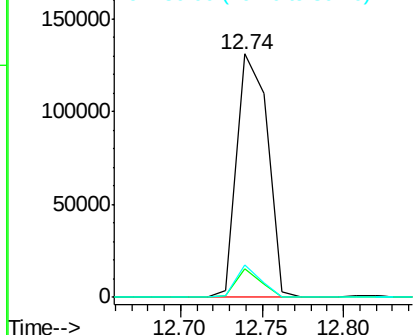
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.74 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF077801.D
Acq: 18 Mar 2015 17:46

Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion:188 Resp: 170488
Ion Ratio Lower Upper
188 100
94 11.9 8.7 13.1
80 13.3 9.3 13.9

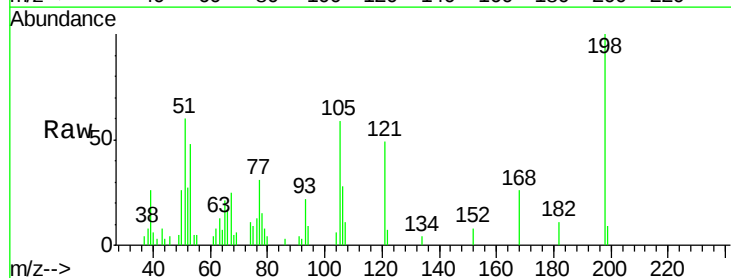


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

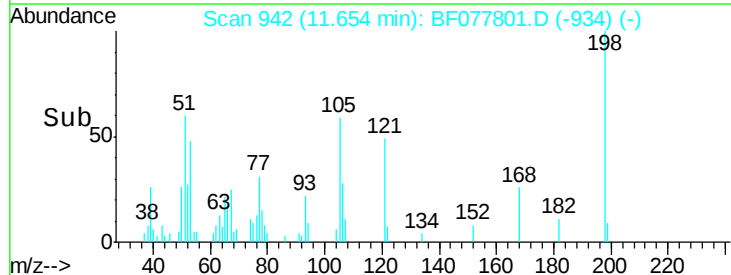
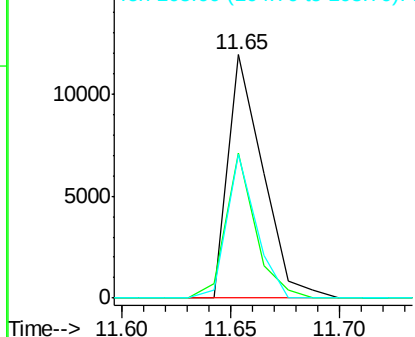


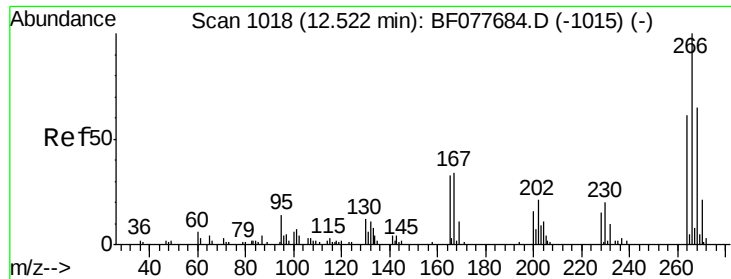
#64
4,6-Dinitro-2-methylphenol
Concen: 19.27 ng
RT: 11.65 min Scan# 942
Delta R.T. -0.01 min
Lab File: BF077801.D
Acq: 18 Mar 2015 17:46

Tgt Ion:198 Resp: 13235
Ion Ratio Lower Upper
198 100
51 59.8 28.8 68.8
105 59.3 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

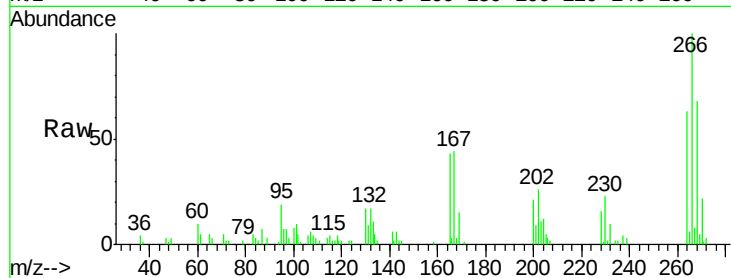




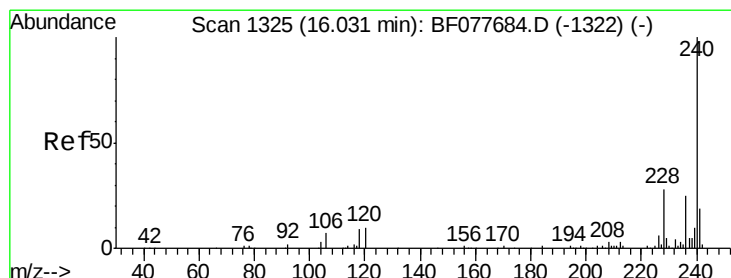
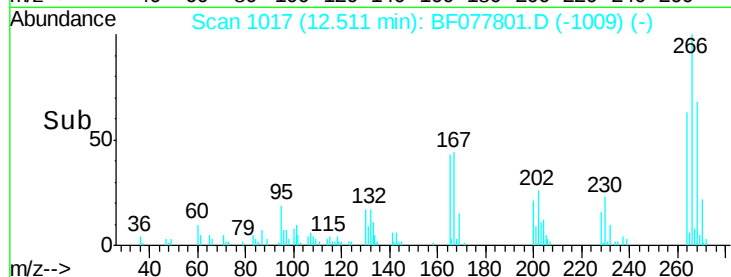
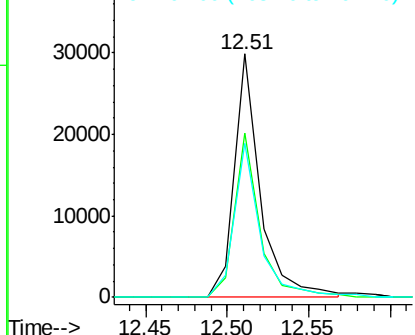
#69
 Pentachlorophenol
 Concen: 32.97 ng
 RT: 12.51 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: BF077801.D
 Acq: 18 Mar 2015 17:46

Instrument :
 BNA_F
 ClientSampleId :
 PT-ACIDS-WPDL

Tgt Ion: 266 Resp: 32550
 Ion Ratio Lower Upper
 266 100
 268 67.7 52.0 78.0
 264 63.5 49.0 73.4

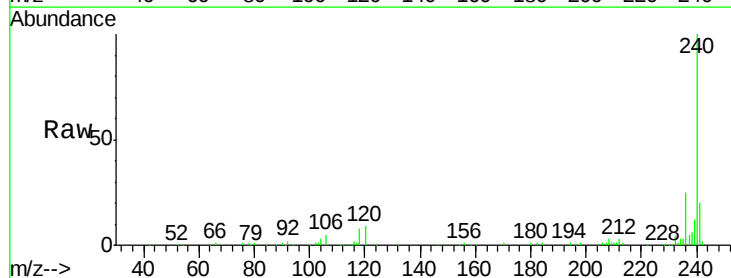


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

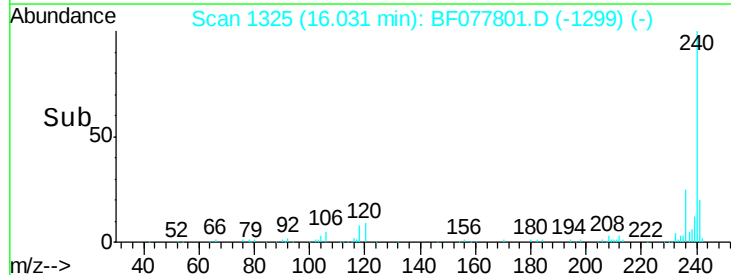
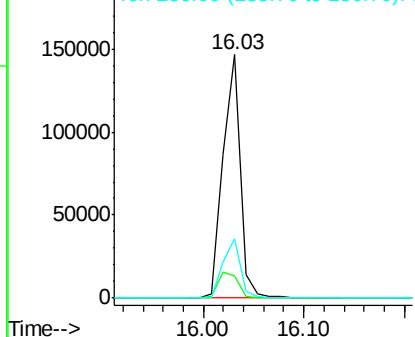


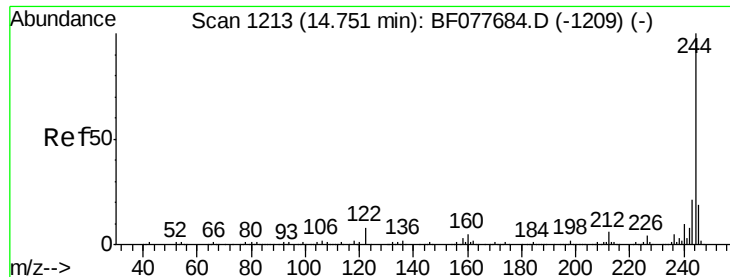
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.03 min Scan# 1325
 Delta R.T. -0.00 min
 Lab File: BF077801.D
 Acq: 18 Mar 2015 17:46

Tgt Ion: 240 Resp: 175668
 Ion Ratio Lower Upper
 240 100
 120 9.1 8.2 12.2
 236 24.6 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: 25.84 ng

RT: 14.74 min Scan# 1212

Delta R.T. -0.00 min

Lab File: BF077801.D

Acq: 18 Mar 2015 17:46

Instrument :

BNA_F

ClientSampleId :

PT-ACIDS-WPDL

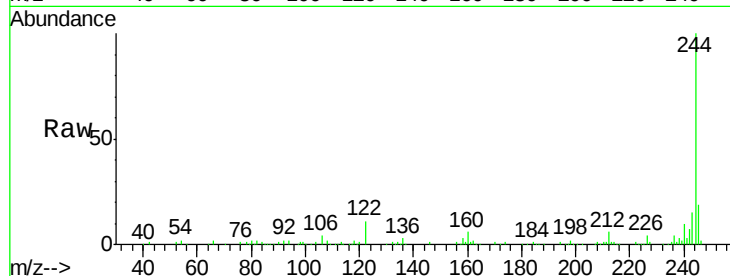
Tgt Ion:244 Resp: 185828

Ion Ratio Lower Upper

244 100

212 6.3 4.9 7.3

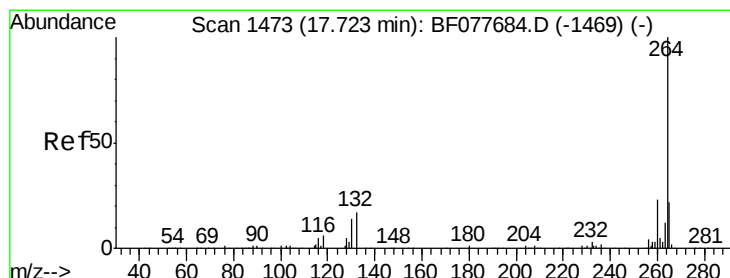
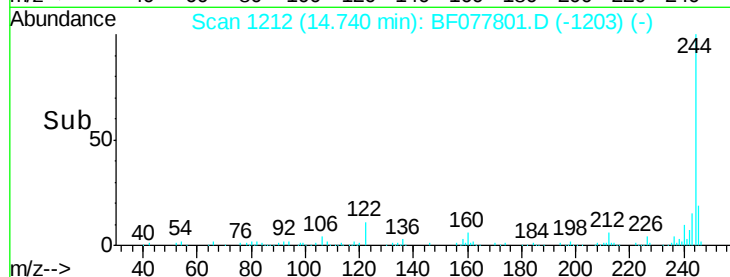
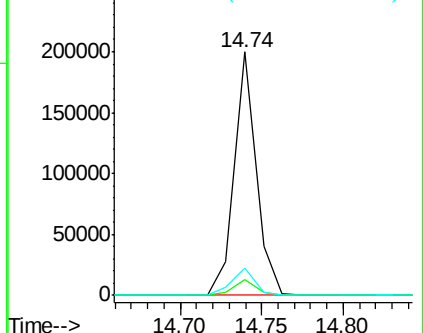
122 11.0 6.2 9.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.76 min Scan# 1476

Delta R.T. -0.03 min

Lab File: BF077801.D

Acq: 18 Mar 2015 17:46

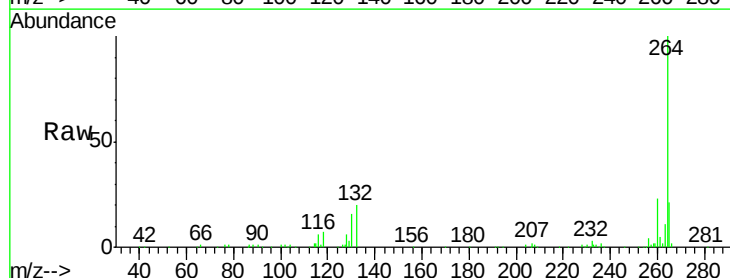
Tgt Ion:264 Resp: 170455

Ion Ratio Lower Upper

264 100

260 23.0 18.6 27.8

265 20.9 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

