

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012215\
 Data File : BF077012.D
 Acq On : 22 Jan 2015 14:01
 Operator : TP/IZ
 Sample : G1100-12DL 5X
 Misc : ACID/W
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 8035DL

Quant Time: Jan 23 00:08:17 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 21 14:45:53 2015
 Response via : Initial Calibration

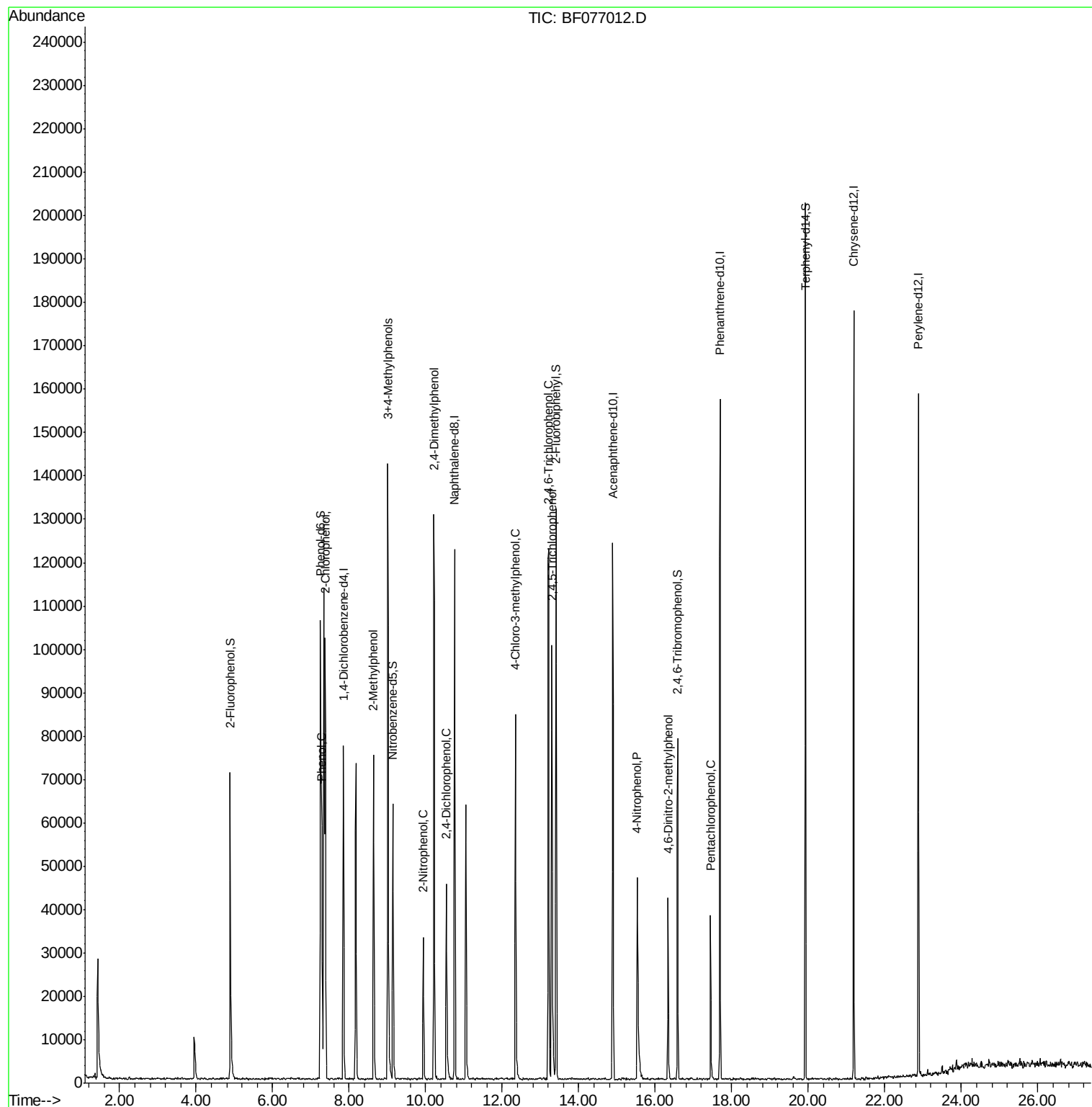
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	23377	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	92470	20.00	ng	-0.01
38) Acenaphthene-d10	14.88	164	49822	20.00	ng	-0.01
63) Phenanthrene-d10	17.69	188	87194	20.00	ng	0.00
75) Chrysene-d12	21.19	240	84216	20.00	ng	-0.01
86) Perylene-d12	22.87	264	76496	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.89	112	41839	29.43	ng	-0.01
7) Phenol-d6	7.25	99	54996	30.66	ng	-0.02
23) Nitrobenzene-d5	9.14	82	35796	21.45	ng	-0.02
41) 2,4,6-Tribromophenol	16.59	330	13081	32.35	ng	-0.01
44) 2-Fluorobiphenyl	13.41	172	74668	22.81	ng	-0.01
78) Terphenyl-d14	19.92	244	78513	21.46	ng	-0.01
Target Compounds						Qvalue
8) 2-Chlorophenol	7.37	128	47208	28.80	ng	97
10) Phenol	7.28	94	42680	22.41	ng	95
17) 2-Methylphenol	8.63	107	23847	17.80	ng	# 92
20) 3+4-Methylphenols	9.01	107	64767	36.52	ng	96
26) 2-Nitrophenol	9.93	139	10111	12.95	ng	# 67
27) 2,4-Dimethylphenol	10.21	122	39140	29.77	ng	91
29) 2,4-Dichlorophenol	10.54	162	19284	15.74	ng	96
36) 4-Chloro-3-methylphenol	12.35	107	30481	21.72	ng	95
42) 2,4,6-Trichlorophenol	13.21	196	32163	35.84	ng	97
43) 2,4,5-Trichlorophenol	13.29	196	30360	33.17	ng	96
55) 4-Nitrophenol	15.52	139	16929	30.57	ng	# 79
64) 4,6-Dinitro-2-methylphenol	16.33	198	8184	16.90	ng	89
69) Pentachlorophenol	17.44	266	6900	21.68	ng	90

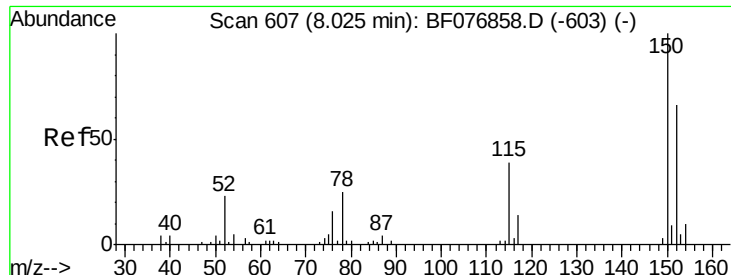
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012215\
Data File : BF077012.D
Acq On : 22 Jan 2015 14:01
Operator : TP/IZ
Sample : G1100-12DL 5X
Misc : ACID/W
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
8035DL

Quant Time: Jan 23 00:08:17 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 21 14:45:53 2015
Response via : Initial Calibration



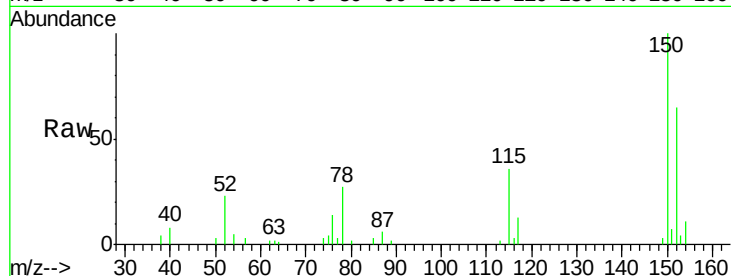


#1

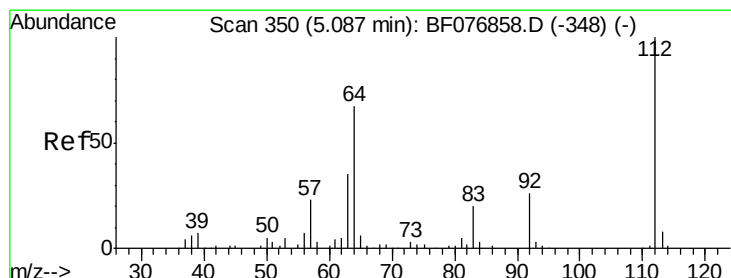
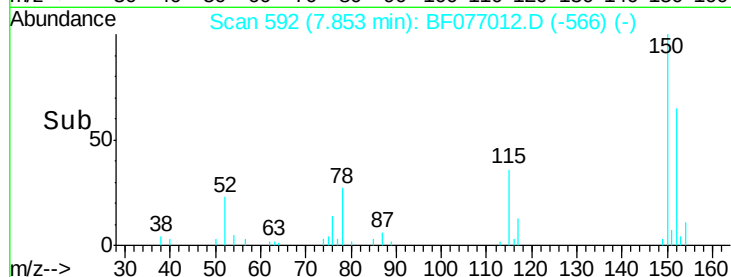
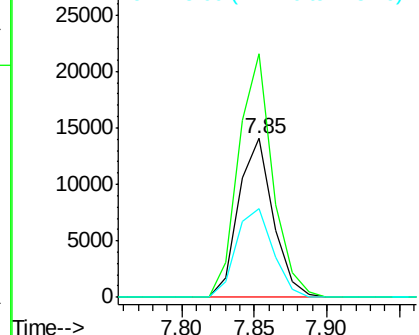
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.85 min Scan# 592
Delta R.T. -0.00 min
Lab File: BF077012.D
Acq: 22 Jan 2015 14:01

Instrument :
BNA_F
ClientSampleId :
8035DL

Tot Ion:152 Resp: 23377
Ion Ratio Lower Upper
152 100
150 153.5 121.7 182.5
115 55.6 47.0 70.6



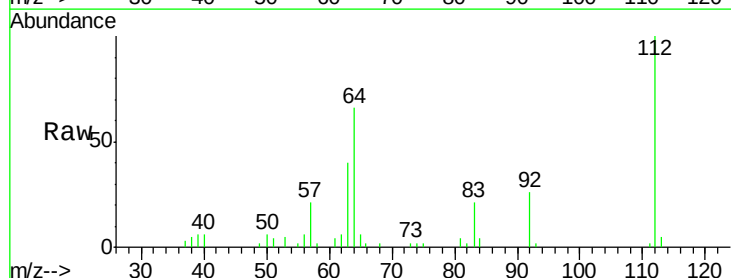
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



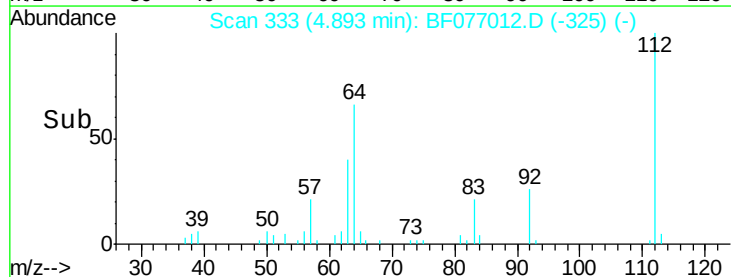
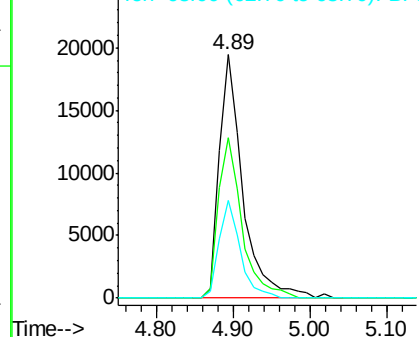
#5

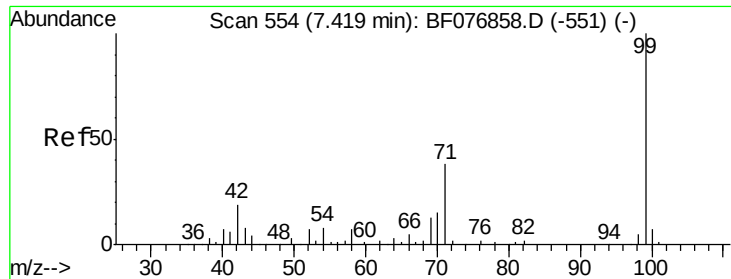
2-Fluorophenol
Concen: 29.43 ng
RT: 4.89 min Scan# 333
Delta R.T. -0.01 min
Lab File: BF077012.D
Acq: 22 Jan 2015 14:01

Tgt Ion:112 Resp: 41839
Ion Ratio Lower Upper
112 100
64 66.0 54.2 81.4
63 39.9 28.4 42.6



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: 30.66 ng

RT: 7.25 min Scan# 539

Delta R.T. -0.02 min

Lab File: BF077012.D

Acq: 22 Jan 2015 14:01

Instrument :

BNA_F

ClientSampleID :

8035DL

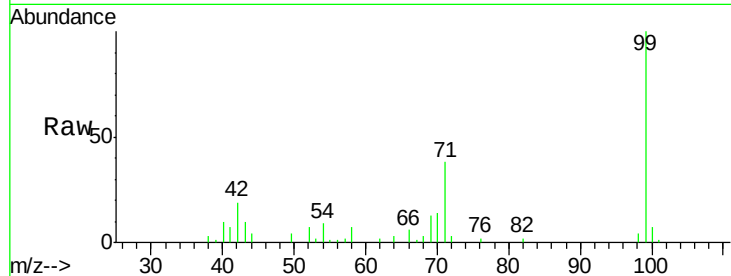
Tot Ion: 99 Resp: 54996

Ion Ratio Lower Upper

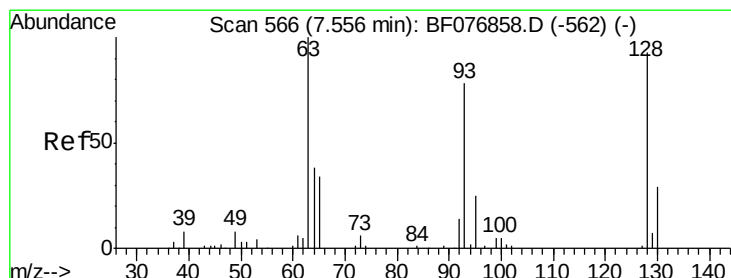
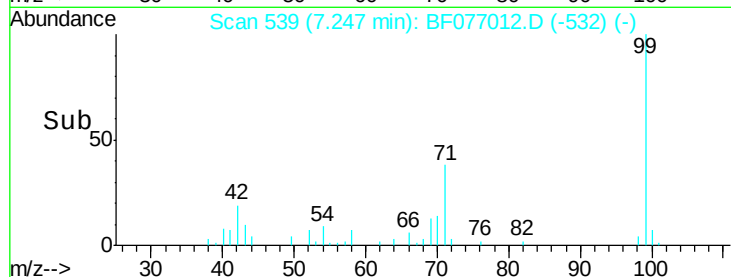
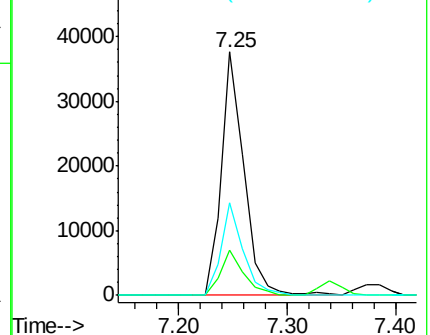
99 100

42 18.7 15.0 22.4

71 38.1 30.5 45.7



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: 28.80 ng

RT: 7.37 min Scan# 550

Delta R.T. -0.01 min

Lab File: BF077012.D

Acq: 22 Jan 2015 14:01

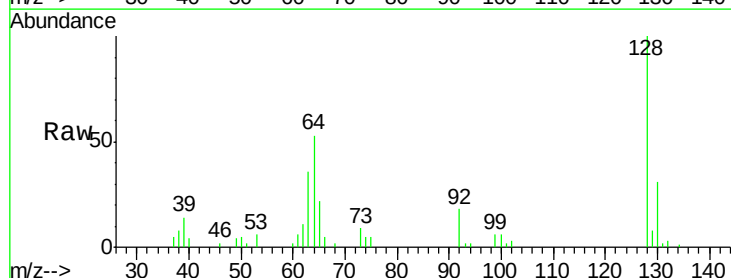
Tgt Ion: 128 Resp: 47208

Ion Ratio Lower Upper

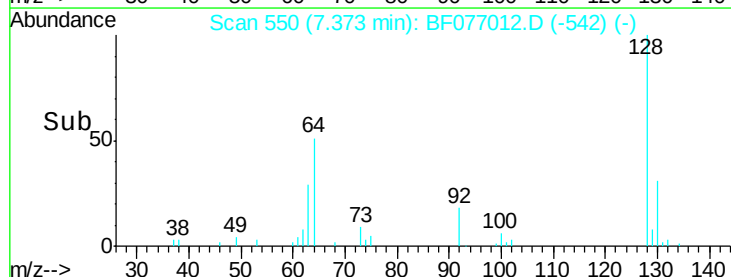
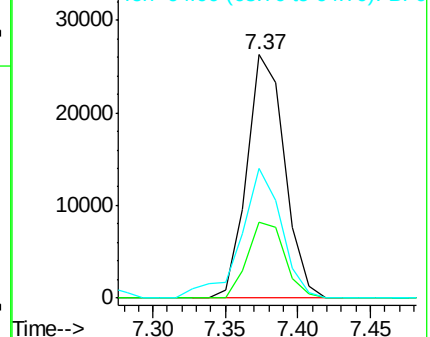
128 100

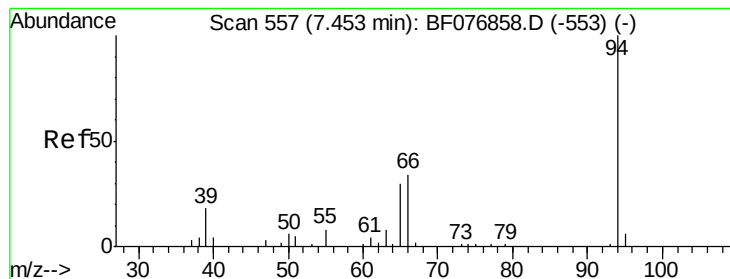
130 31.1 11.0 51.0

64 53.1 29.3 69.3



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: 22.41 ng

RT: 7.28 min Scan# 542

Delta R.T. -0.02 min

Lab File: BF077012.D

Acq: 22 Jan 2015 14:01

Instrument :

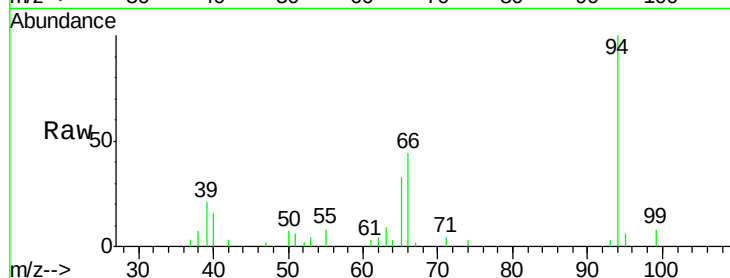
BNA_F

ClientSampled :

8035DL

Tot Ion: 94 Resp: 42680

Ion	Ratio	Lower	Upper
94	100		
65	32.7	11.3	51.3
66	44.2	19.5	59.5

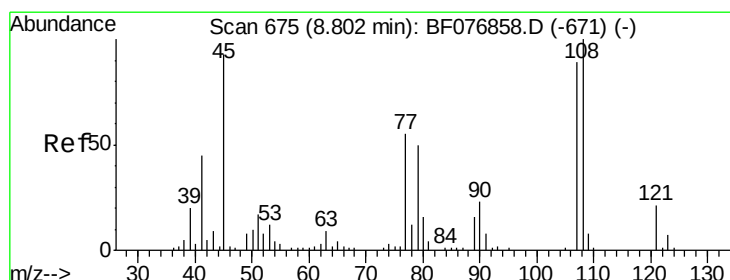
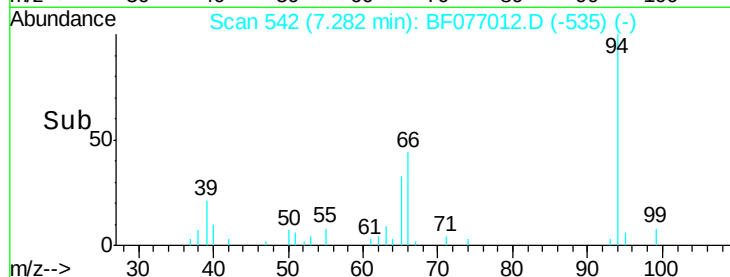
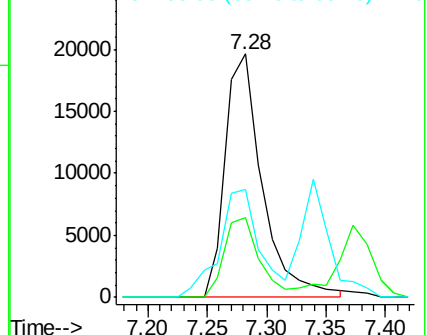


Abundance

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



#17

2-Methylphenol

Concen: 17.80 ng

RT: 8.63 min Scan# 660

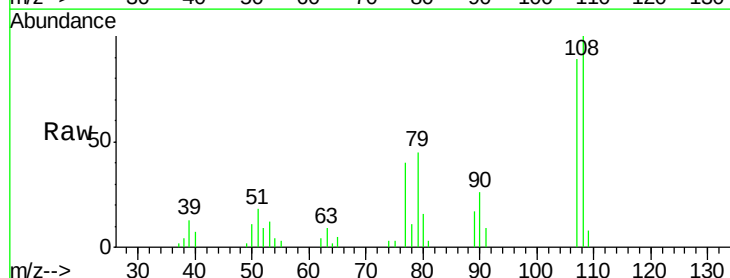
Delta R.T. -0.02 min

Lab File: BF077012.D

Acq: 22 Jan 2015 14:01

Tgt Ion: 107 Resp: 23847

Ion	Ratio	Lower	Upper
107	100		
108	112.4	89.7	134.5
77	45.3	50.1	75.1#
79	50.6	45.0	67.6



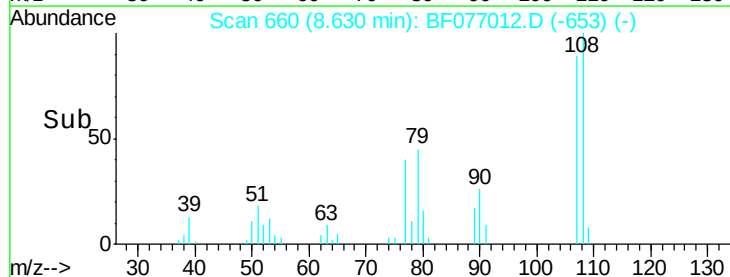
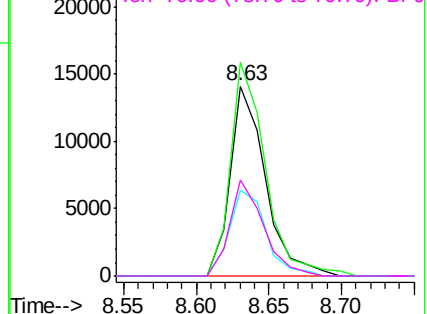
Abundance

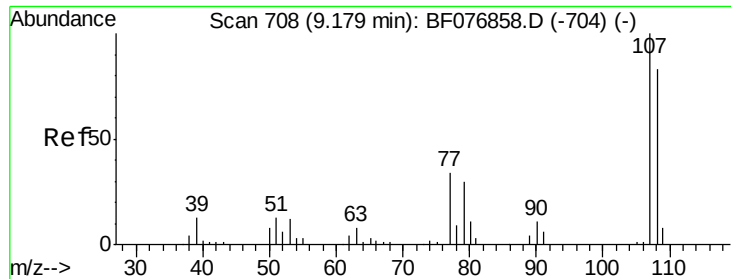
Ion 107.00 (106.70 to 107.70): E

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

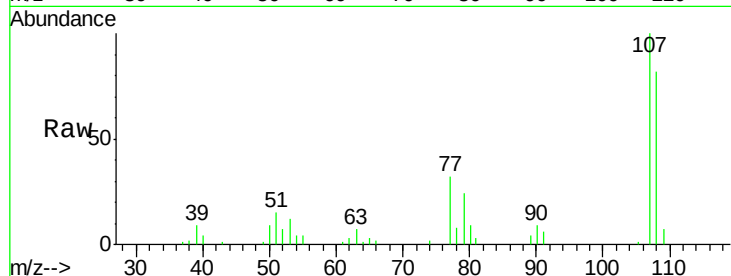




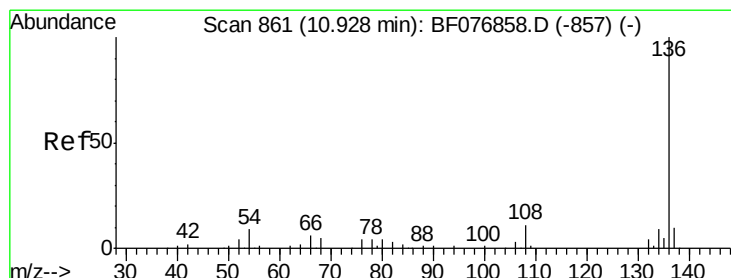
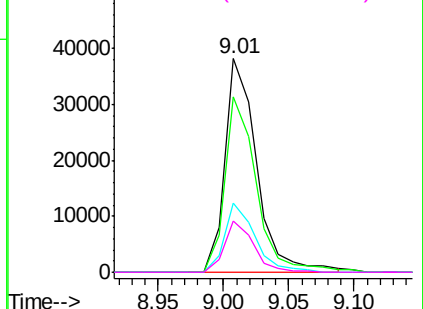
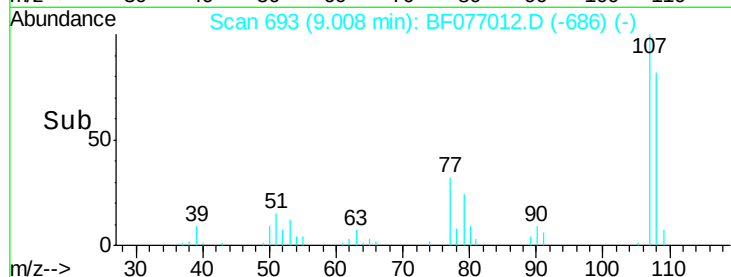
#20
3+4-Methylphenols
Concen: 36.52 ng
RT: 9.01 min Scan# 693
Delta R.T. -0.02 min
Lab File: BF077012.D
Acq: 22 Jan 2015 14:01

Instrument :
BNA_F
ClientSampleId :
8035DL

Tot Ion:	107	Resp:	64767
Ion	Ratio	Lower	Upper
107	100		
108	81.9	63.5	103.5
77	32.4	14.0	54.0
79	23.9	9.9	49.9

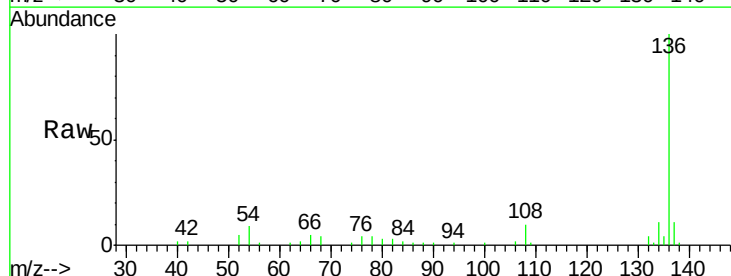


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

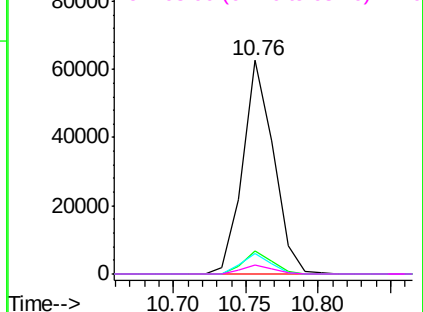
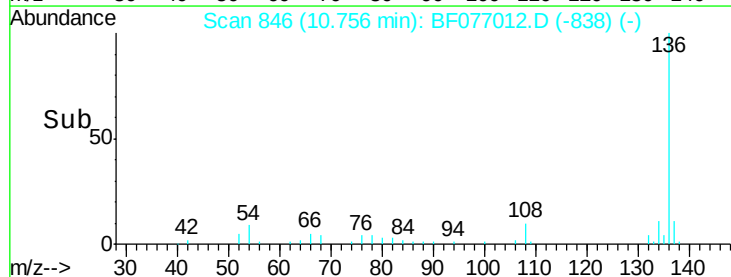


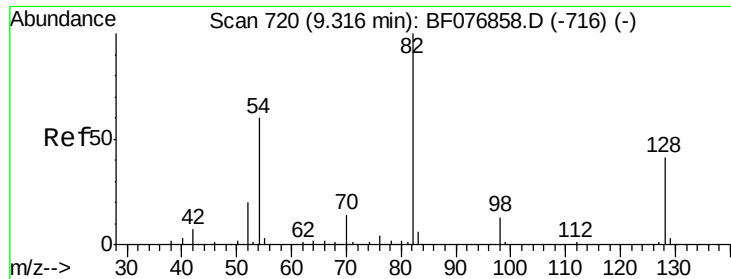
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.76 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF077012.D
Acq: 22 Jan 2015 14:01

Tgt Ion:	136	Resp:	92470
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.1	12.1
54	9.4	7.0	10.4
68	4.0	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

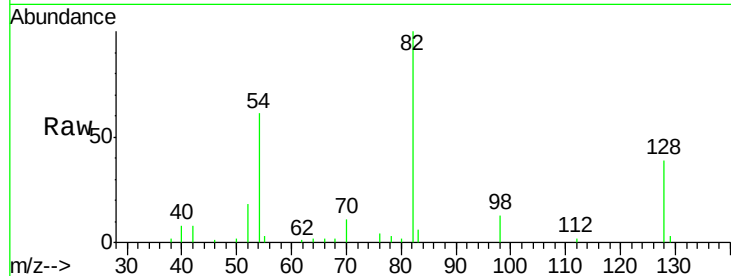




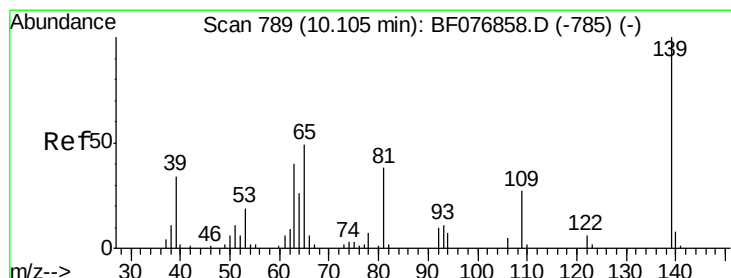
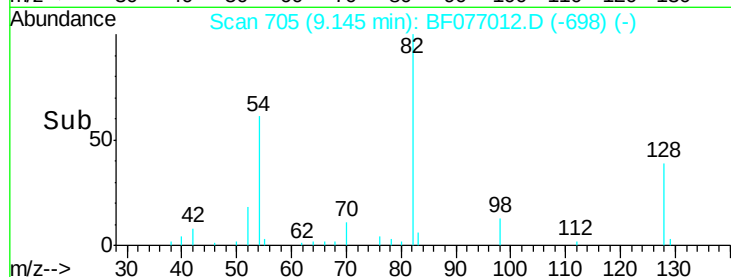
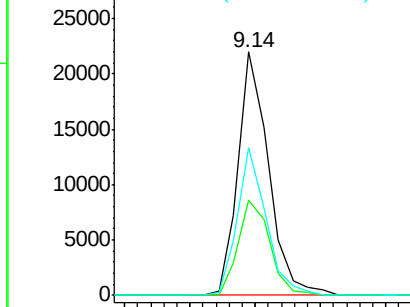
#23
 Nitrobenzene-d5
 Concen: 21.45 ng
 RT: 9.14 min Scan# 705
 Delta R.T. -0.02 min
 Lab File: BF077012.D
 Acq: 22 Jan 2015 14:01

Instrument :
 BNA_F
 ClientSampleID :
 8035DL

Tot Ion	82	Resp	35796
Ion Ratio	100	Lower	Upper
128	39.3	33.1	49.7
54	60.8	48.3	72.5

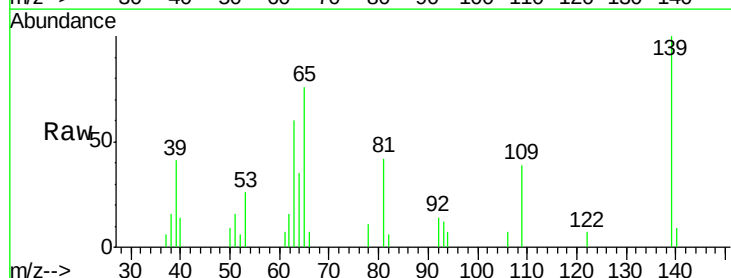


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

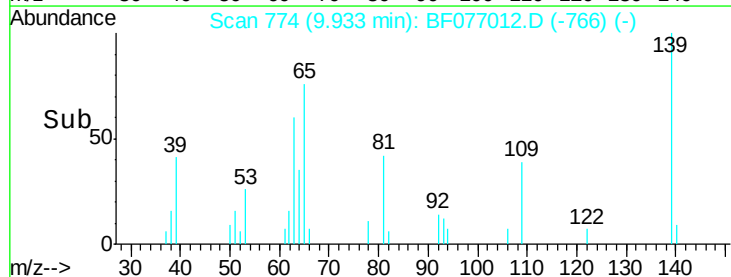
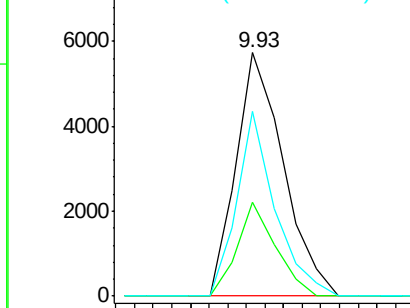


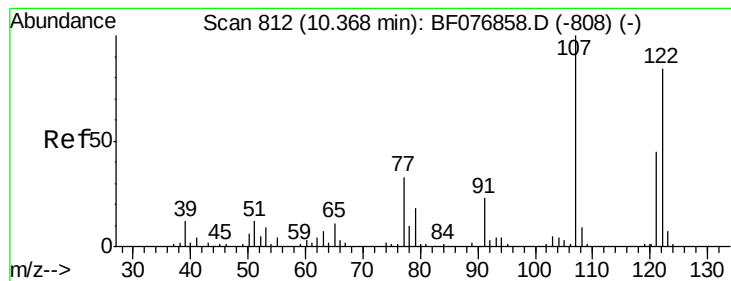
#26
 2-Nitrophenol
 Concen: 12.95 ng
 RT: 9.93 min Scan# 774
 Delta R.T. -0.01 min
 Lab File: BF077012.D
 Acq: 22 Jan 2015 14:01

Tgt Ion	139	Resp	10111
Ion Ratio	100	Lower	Upper
109	38.5	21.3	31.9#
65	75.7	39.4	59.0#



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: 29.77 ng

RT: 10.21 min Scan# 798

Delta R.T. -0.02 min

Lab File: BF077012.D

Acq: 22 Jan 2015 14:01

Instrument :

BNA_F

ClientSampleId :

8035DL

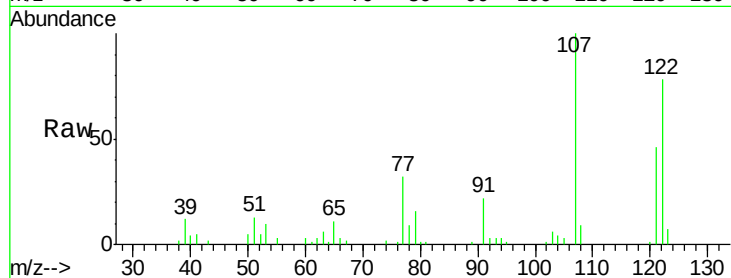
Tot Ion:122 Resp: 39140

Ion Ratio Lower Upper

122 100

107 128.8 95.2 142.8

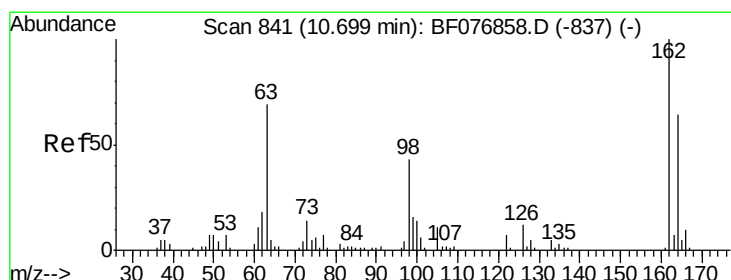
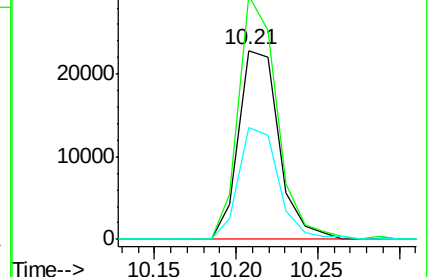
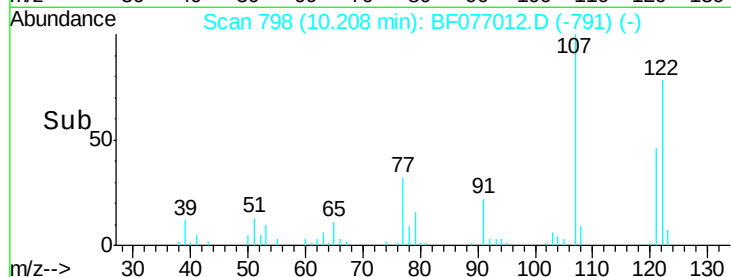
121 59.2 42.9 64.3



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: 15.74 ng

RT: 10.54 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF077012.D

Acq: 22 Jan 2015 14:01

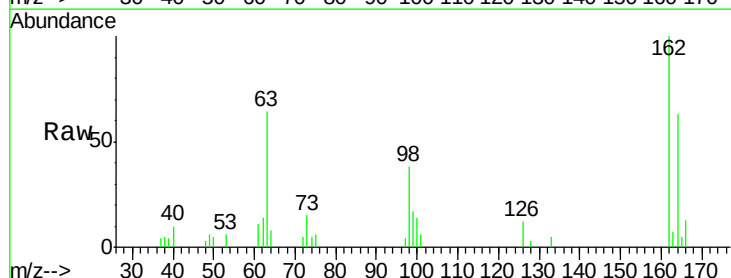
Tgt Ion:162 Resp: 19284

Ion Ratio Lower Upper

162 100

164 62.8 43.8 83.8

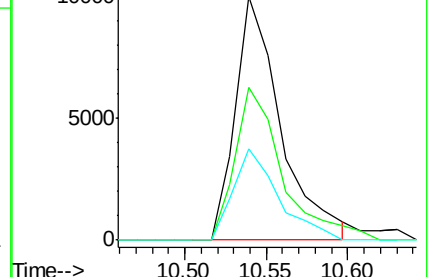
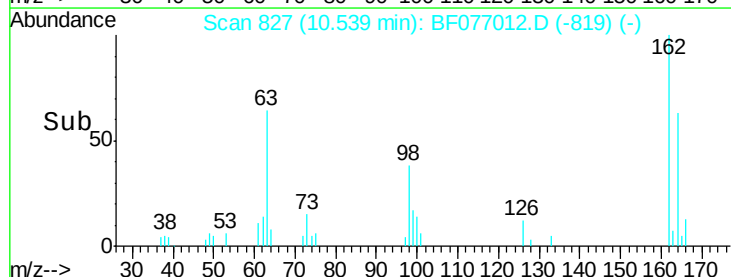
98 37.6 22.5 62.5

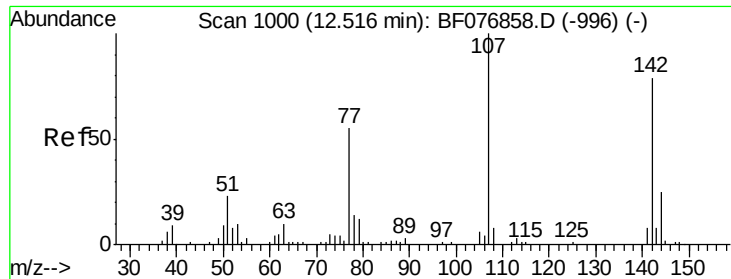


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0

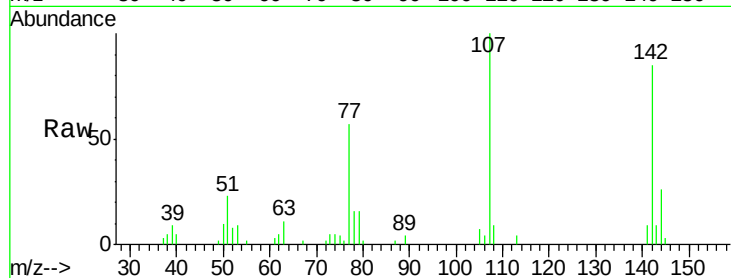




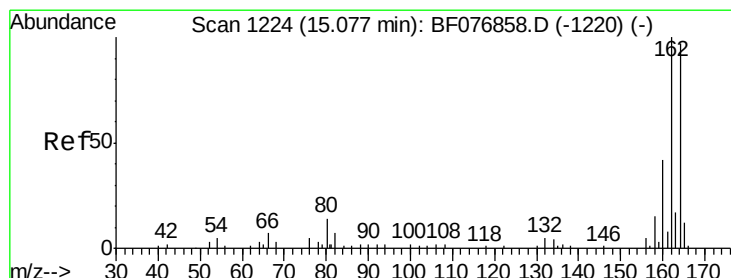
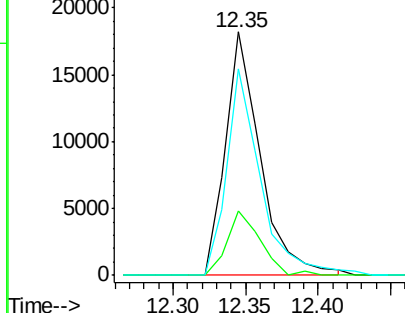
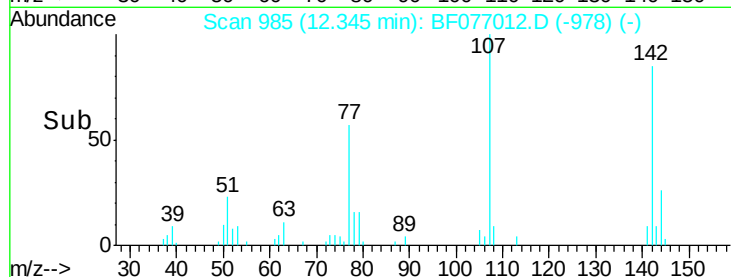
#36
 4-Chloro-3-methylphenol
 Concen: 21.72 ng
 RT: 12.35 min Scan# 985
 Delta R.T. -0.02 min
 Lab File: BF077012.D
 Acq: 22 Jan 2015 14:01

Instrument :
 BNA_F
 ClientSampleId :
 8035DL

Tot Ion:107 Resp: 30481
 Ion Ratio Lower Upper
 107 100
 144 26.3 20.0 30.0
 142 85.0 63.5 95.3

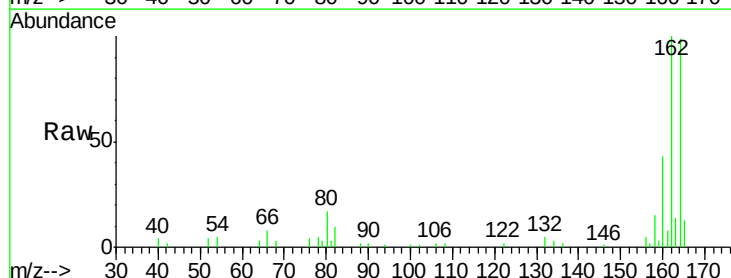


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

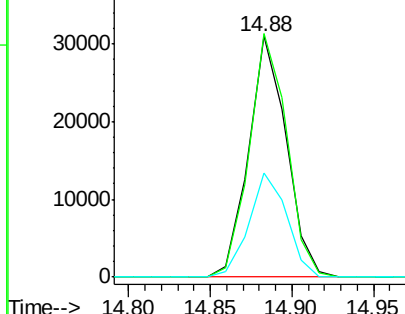
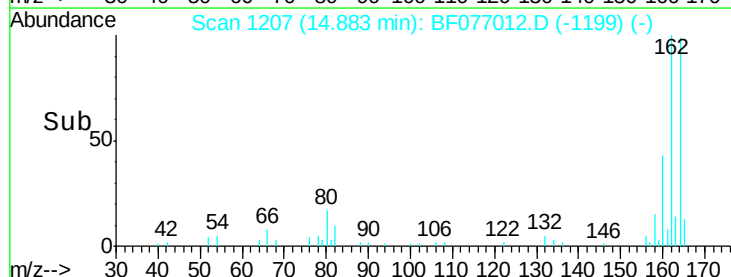


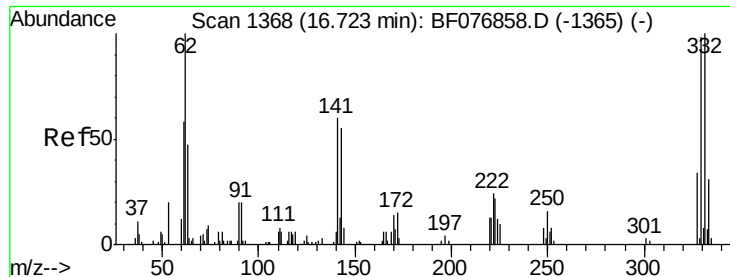
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.88 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF077012.D
 Acq: 22 Jan 2015 14:01

Tgt Ion:164 Resp: 49822
 Ion Ratio Lower Upper
 164 100
 162 101.3 82.4 123.6
 160 43.1 34.8 52.2



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: 32.35 ng

RT: 16.59 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BF077012.D

Acq: 22 Jan 2015 14:01

Instrument :

BNA_F

ClientSampleId :

8035DL

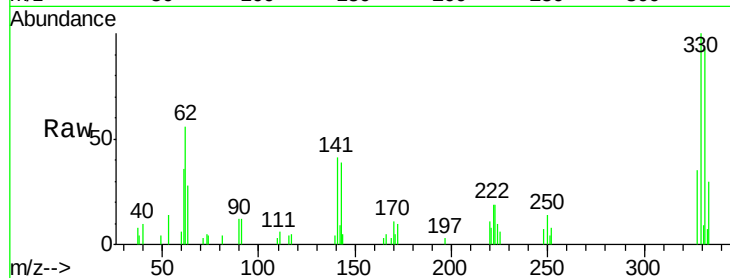
Tot Ion:330 Resp: 13081

Ion Ratio Lower Upper

330 100

332 94.8 77.8 116.6

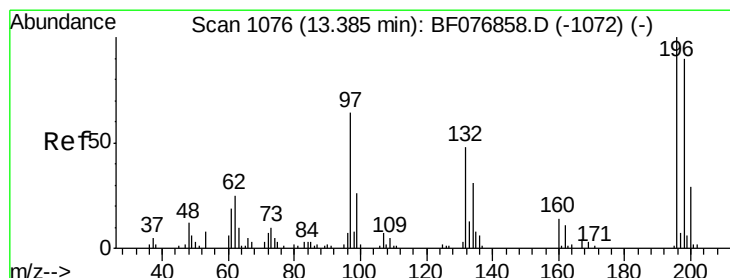
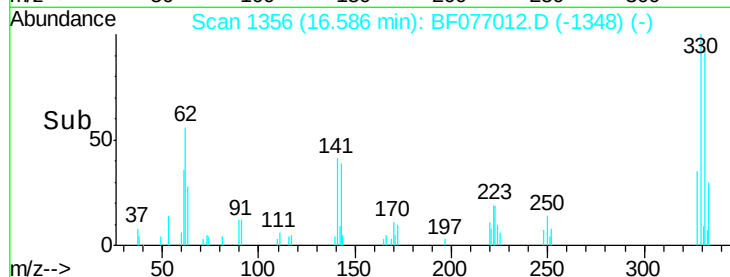
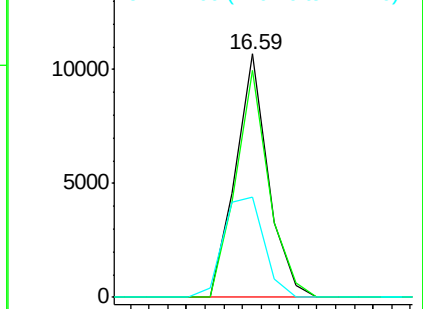
141 51.1 38.5 57.7



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: 35.84 ng

RT: 13.21 min Scan# 1061

Delta R.T. -0.01 min

Lab File: BF077012.D

Acq: 22 Jan 2015 14:01

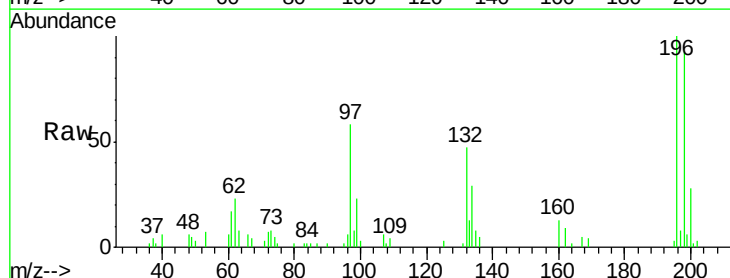
Tgt Ion:196 Resp: 32163

Ion Ratio Lower Upper

196 100

198 93.3 72.0 108.0

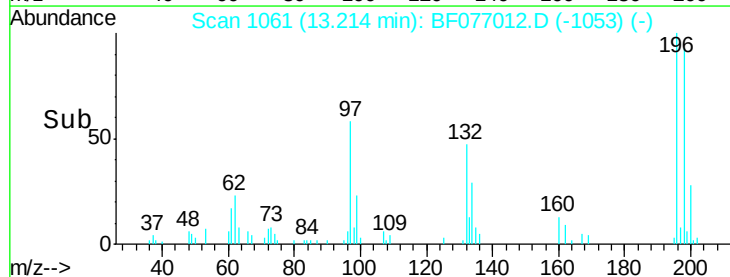
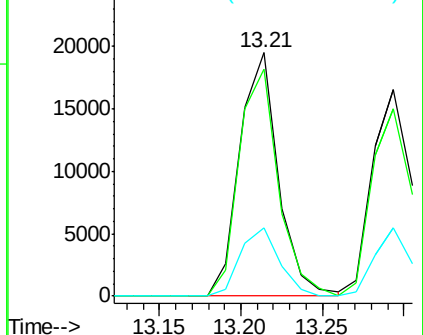
200 27.9 23.4 35.2

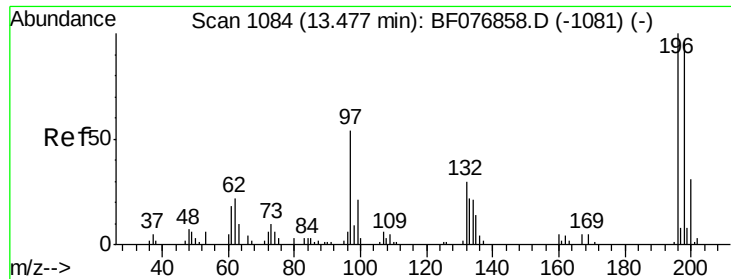


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

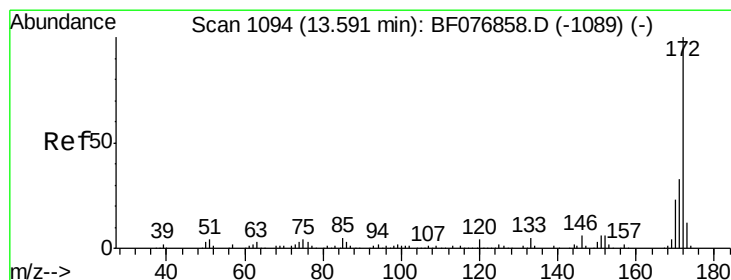
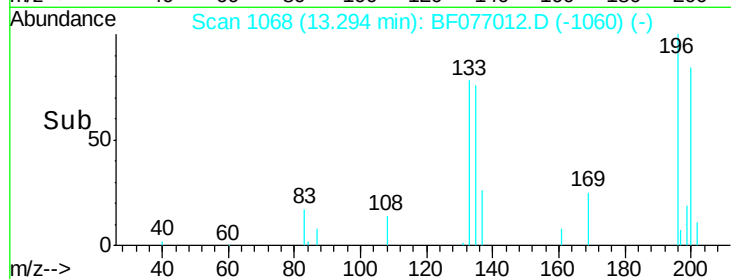
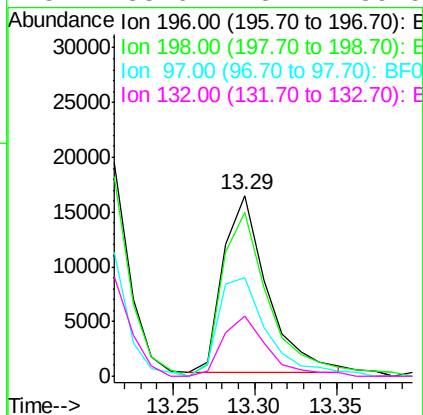
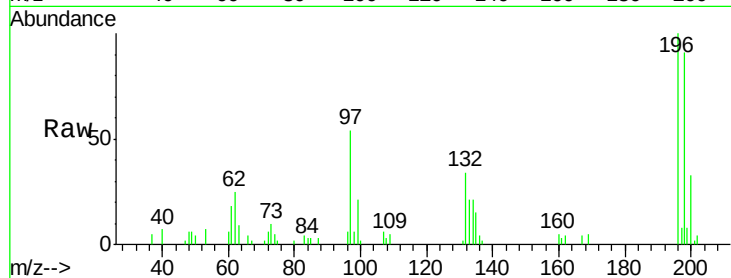




#43
 2,4,5-Trichlorophenol
 Concen: 33.17 ng
 RT: 13.29 min Scan# 1068
 Delta R.T. -0.01 min
 Lab File: BF077012.D
 Acq: 22 Jan 2015 14:01

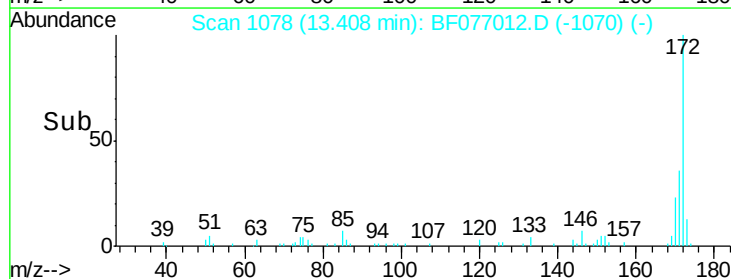
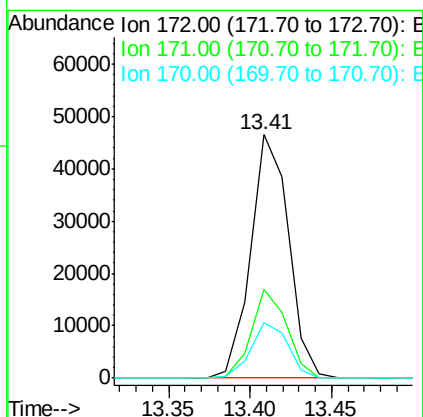
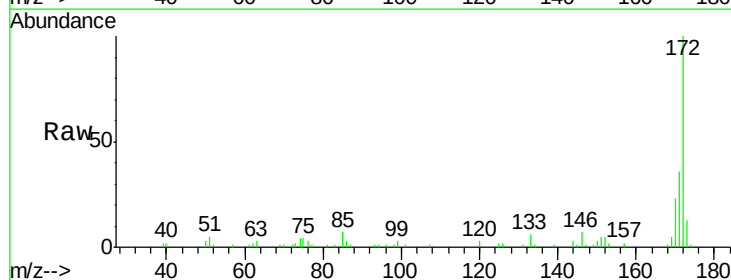
Instrument :
 BNA_F
 ClientSampled :
 8035DL

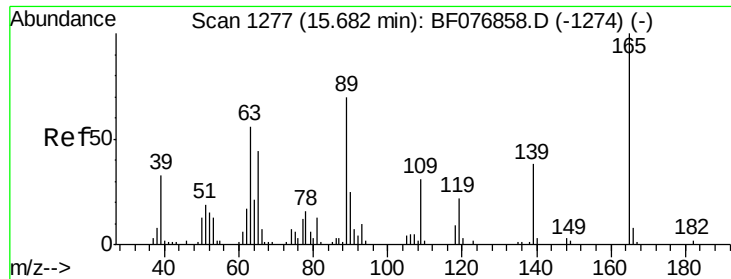
Tot Ion:196	Resp:	30360
Ion	Ratio	Lower Upper
196	100	
198	90.7	76.6 115.0
97	54.2	43.4 65.0
132	33.6	23.7 35.5



#44
 2-Fluorobiphenyl
 Concen: 22.81 ng
 RT: 13.41 min Scan# 1078
 Delta R.T. -0.01 min
 Lab File: BF077012.D
 Acq: 22 Jan 2015 14:01

Tgt Ion:172	Resp:	74668
Ion	Ratio	Lower Upper
172	100	
171	36.3	26.6 40.0
170	23.0	18.0 27.0

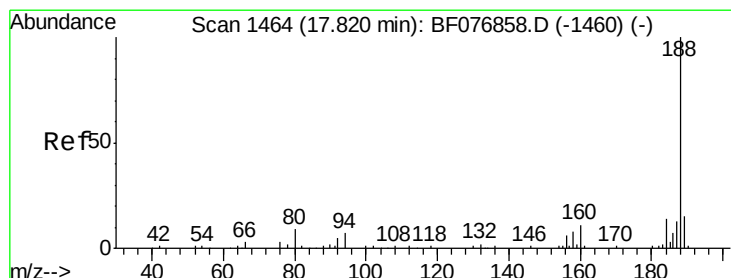
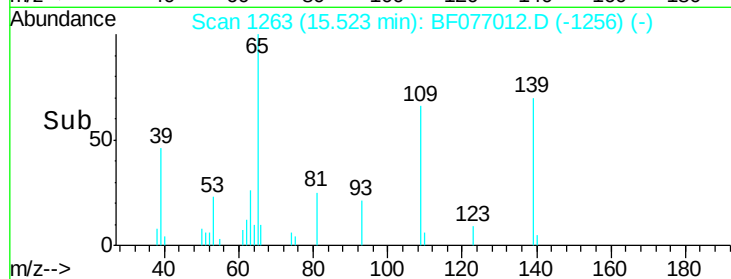
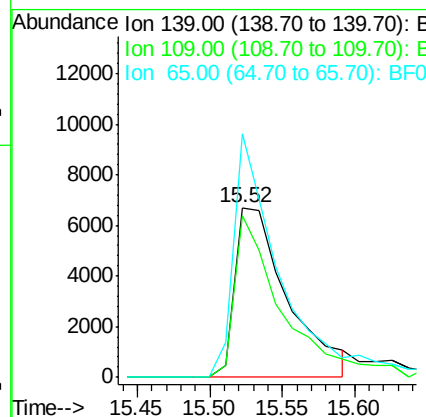
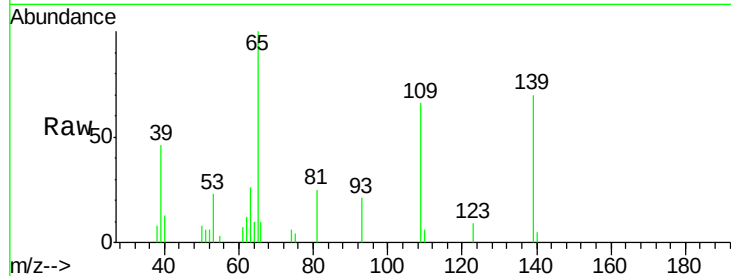




#55
4-Nitrophenol
Concen: 30.57 ng
RT: 15.52 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BF077012.D
Acq: 22 Jan 2015 14:01

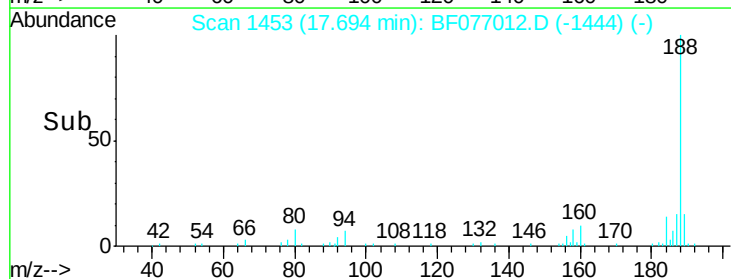
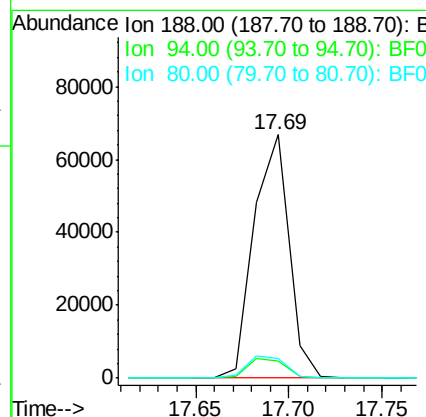
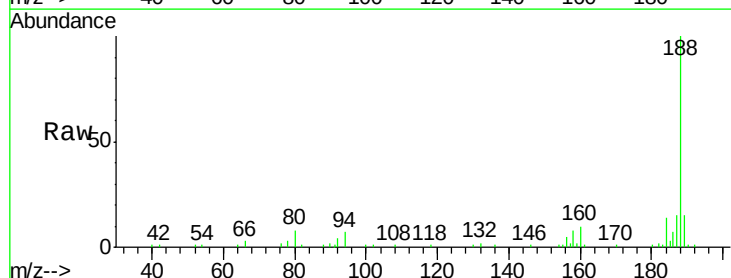
Instrument :
BNA_F
ClientSampleId :
8035DL

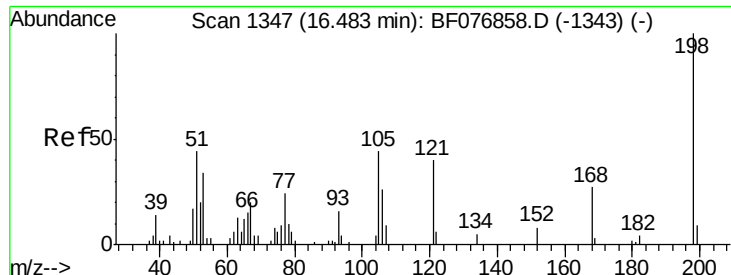
Tot Ion:139 Resp: 16929
Ion Ratio Lower Upper
139 100
109 95.3 61.0 101.0
65 143.4 96.6 136.6#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.69 min Scan# 1453
Delta R.T. -0.00 min
Lab File: BF077012.D
Acq: 22 Jan 2015 14:01

Tgt Ion:188 Resp: 87194
Ion Ratio Lower Upper
188 100
94 7.0 6.0 9.0
80 7.9 6.9 10.3

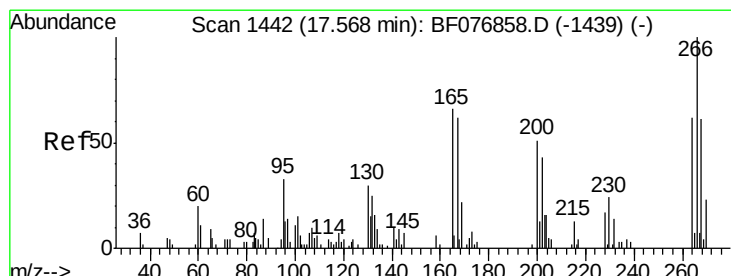
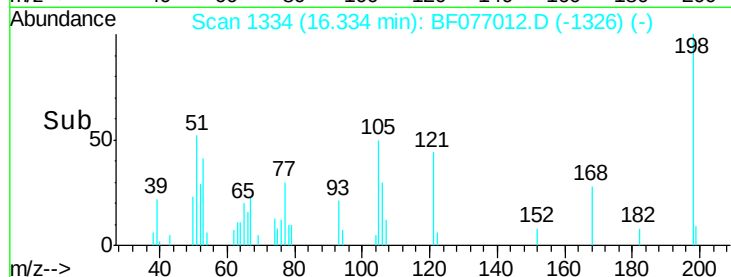
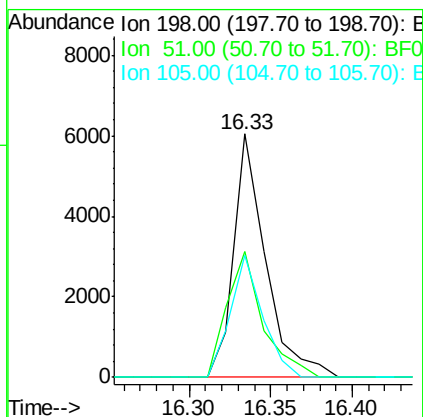
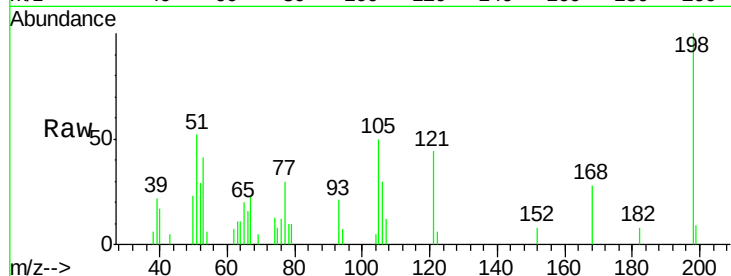




#64
 4,6-Dinitro-2-methylphenol
 Concen: 16.90 ng
 RT: 16.33 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: BF077012.D
 Acq: 22 Jan 2015 14:01

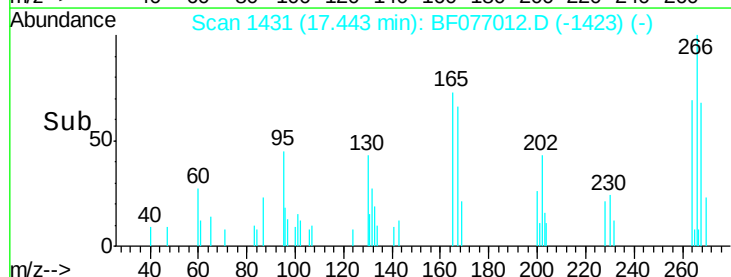
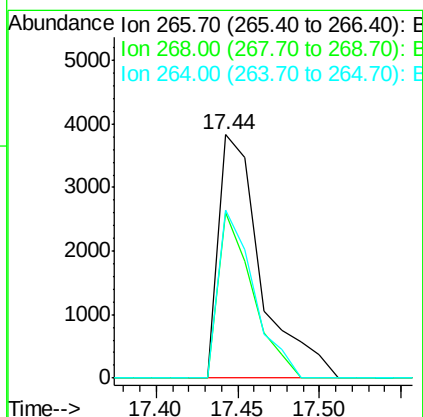
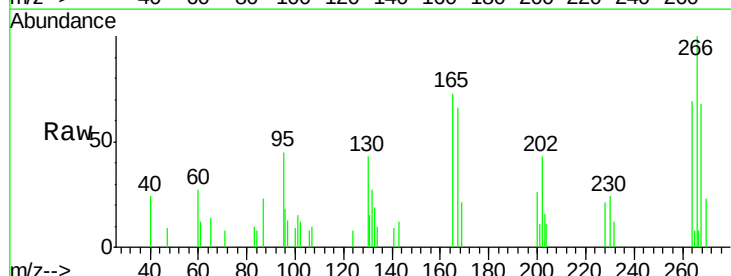
Instrument :
 BNA_F
 ClientSampleId :
 8035DL

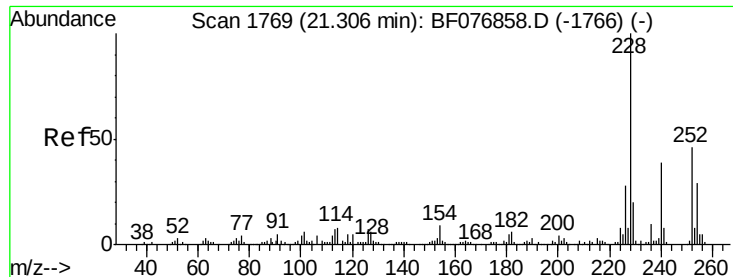
Tot Ion:198 Resp: 8184
 Ion Ratio Lower Upper
 198 100
 51 51.8 24.2 64.2
 105 50.1 24.0 64.0



#69
 Pentachlorophenol
 Concen: 21.68 ng
 RT: 17.44 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF077012.D
 Acq: 22 Jan 2015 14:01

Tgt Ion:266 Resp: 6900
 Ion Ratio Lower Upper
 266 100
 268 68.1 48.6 72.8
 264 69.1 49.5 74.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.19 min Scan# 1759

Delta R.T. -0.01 min

Lab File: BF077012.D

Acq: 22 Jan 2015 14:01

Instrument :

BNA_F

ClientSampleID :

8035DL

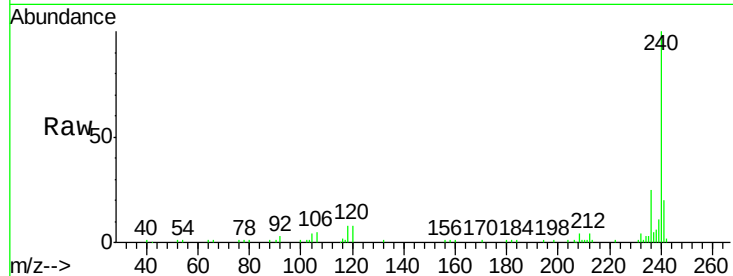
Tot Ion:240 Resp: 84216

Ion Ratio Lower Upper

240 100

120 8.4 10.4 15.6#

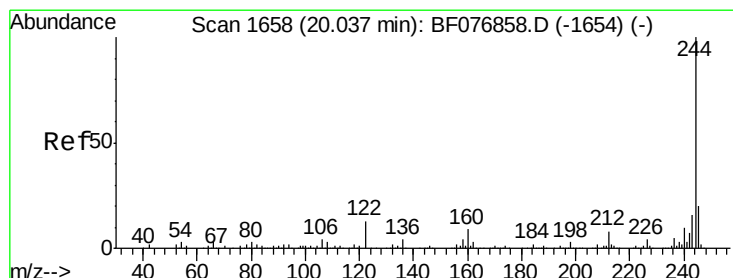
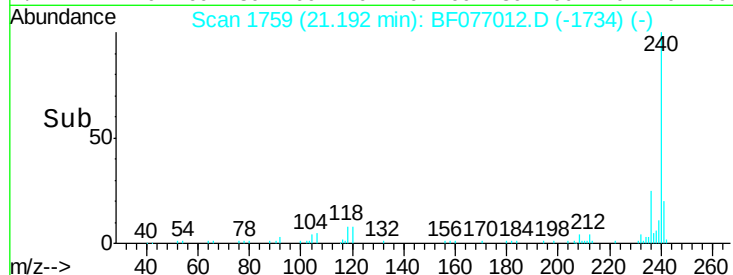
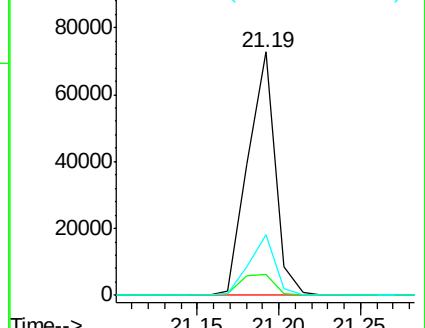
236 24.8 20.2 30.2



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: 21.46 ng

RT: 19.92 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BF077012.D

Acq: 22 Jan 2015 14:01

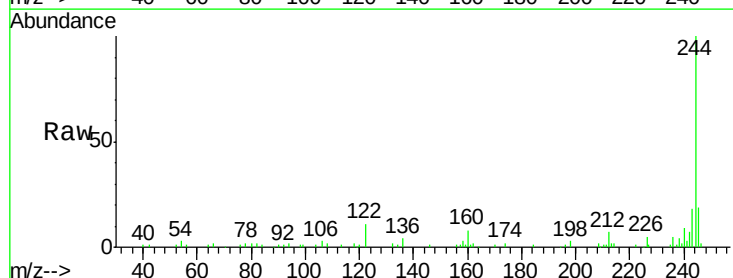
Tgt Ion:244 Resp: 78513

Ion Ratio Lower Upper

244 100

212 7.2 6.3 9.5

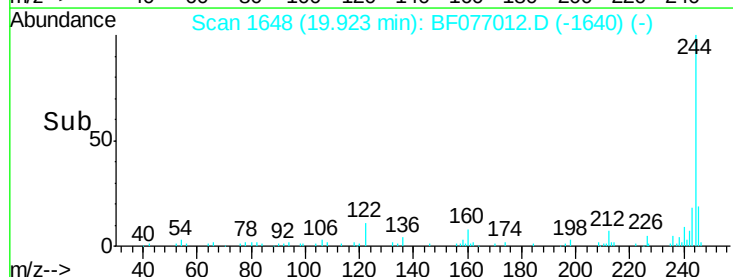
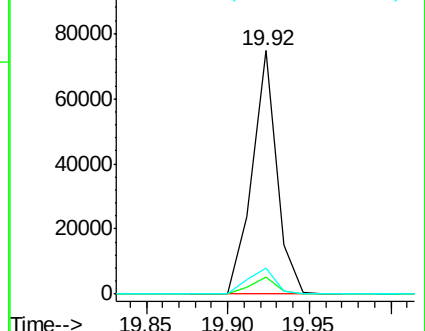
122 10.9 10.1 15.1

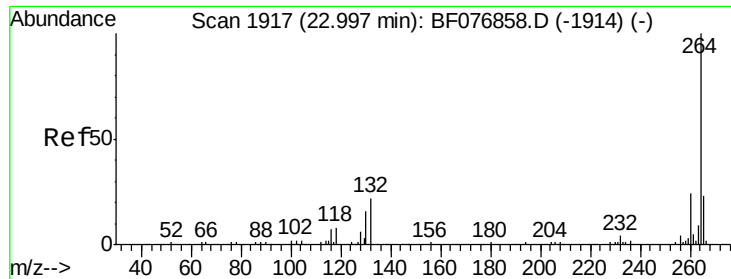


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

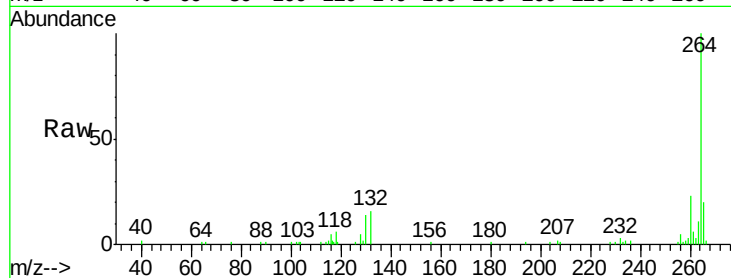




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 22.87 min Scan# 1906
 Delta R.T. 0.01 min
 Lab File: BF077012.D
 Acq: 22 Jan 2015 14:01

Instrument :
 BNA_F
 ClientSampleId :
 8035DL

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.0	28.4
265	20.5	18.1	27.1



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

