

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033115\
 Data File : BF078110.D
 Acq On : 31 Mar 2015 12:53
 Operator : TP/IZ
 Sample : G1614-03
 Misc : LOD-SOIL-8PPM
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

Quant Time: Apr 01 10:51:08 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 00:51:03 2015
 Response via : Initial Calibration

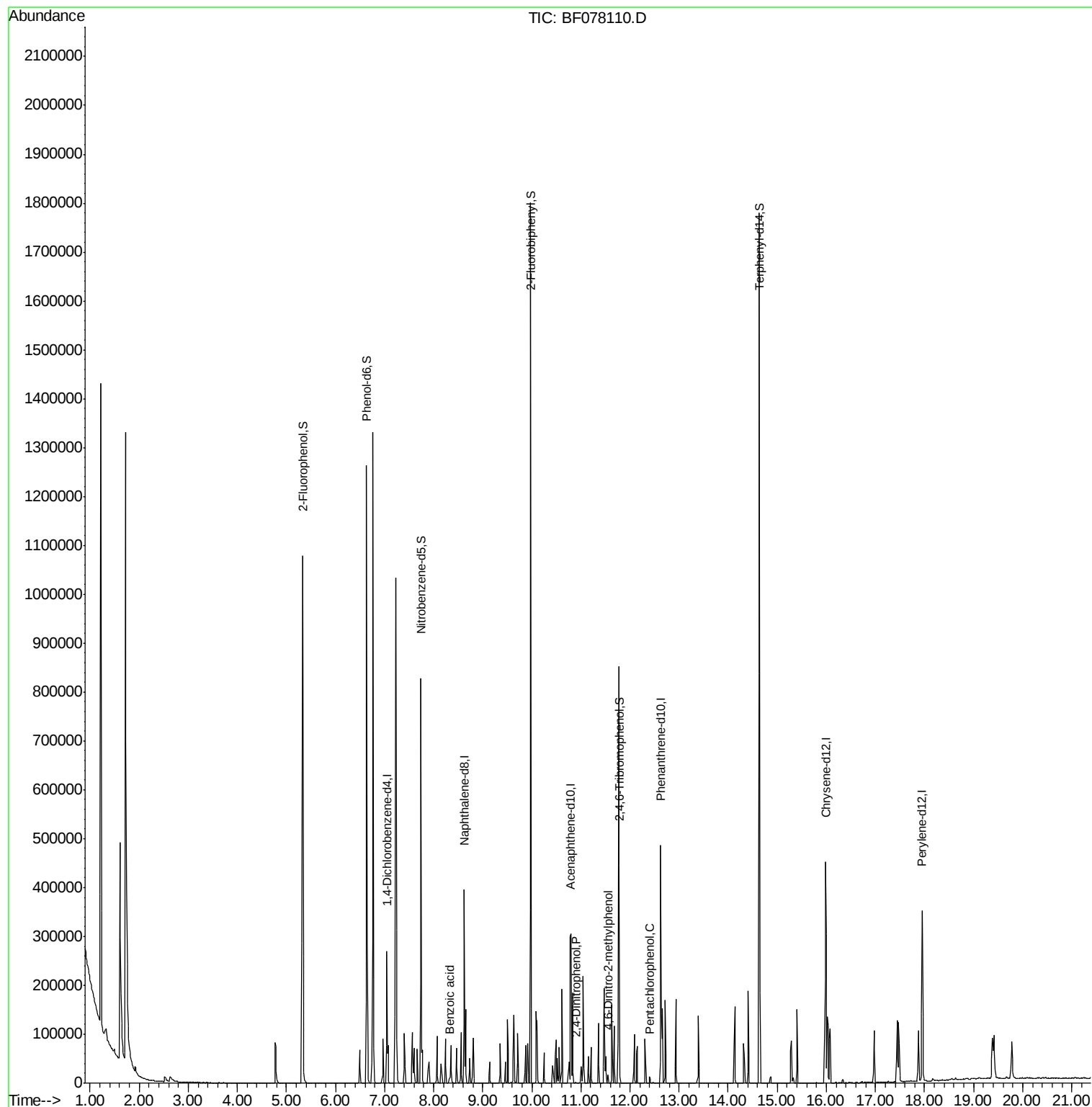
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.05	152	44843	20.00	ng	0.00
21) Naphthalene-d8	8.62	136	191563	20.00	ng	0.00
38) Acenaphthene-d10	10.80	164	95554	20.00	ng	0.01
63) Phenanthrene-d10	12.63	188	195730	20.00	ng	0.00
75) Chrysene-d12	15.99	240	195732m	20.00	ng	0.09
86) Perylene-d12	17.95	264	170484m	20.00	ng	0.34
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	349966	136.22	ng	0.00
7) Phenol-d6	6.64	99	419936	132.30	ng	0.00
23) Nitrobenzene-d5	7.74	82	261152	89.36	ng	0.00
41) 2,4,6-Tribromophenol	11.78	330	120449	131.75	ng	0.01
44) 2-Fluorobiphenyl	9.97	172	560343	86.18	ng	0.00
78) Terphenyl-d14	14.64	244	690855	86.22	ng	0.02
Target Compounds						
32) Benzoic acid	8.33	122	5294m	6.25	ng	Qvalue
53) 2,4-Dinitrophenol	10.90	184	793	9.38	ng	# 81
64) 4,6-Dinitro-2-methylphenol	11.55	198	3209m	7.46	ng	
69) Pentachlorophenol	12.41	266	3375m	5.78	ng	

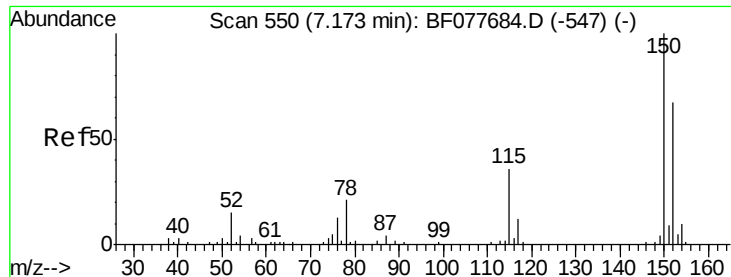
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033115\
Data File : BF078110.D
Acq On : 31 Mar 2015 12:53
Operator : TP/IZ
Sample : G1614-03
Misc : LOD-SOIL-8PPM
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2015-01

Quant Time: Apr 01 10:51:08 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 01 00:51:03 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.05 min Scan# 539

Delta R.T. -0.00 min

Lab File: BF078110.D

Acq: 31 Mar 2015 12:53

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

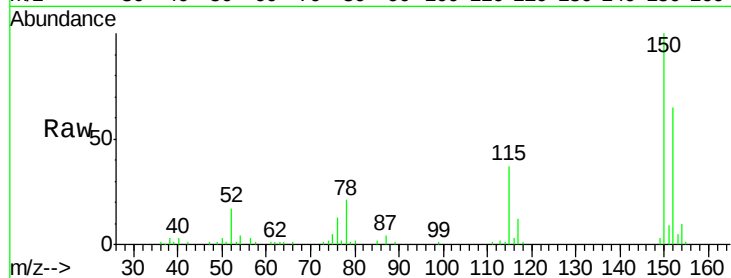
Tot Ion:152 Resp: 44843

Ion Ratio Lower Upper

152 100

150 154.6 119.5 179.3

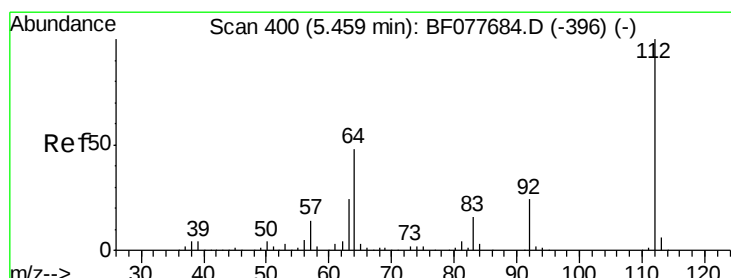
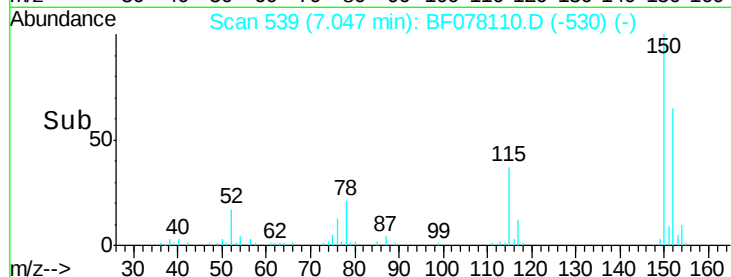
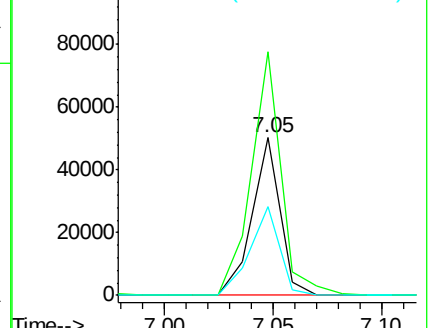
115 56.7 43.0 64.4



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: 136.22 ng

RT: 5.33 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF078110.D

Acq: 31 Mar 2015 12:53

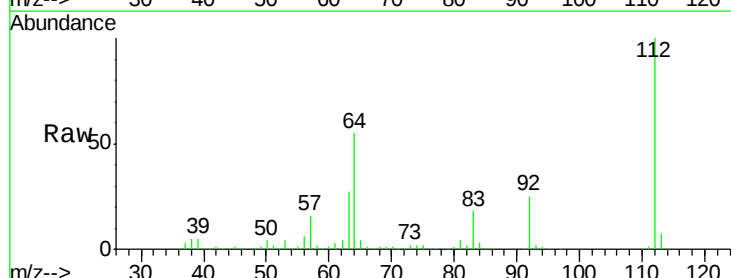
Tgt Ion:112 Resp: 349966

Ion Ratio Lower Upper

112 100

64 55.0 38.6 57.8

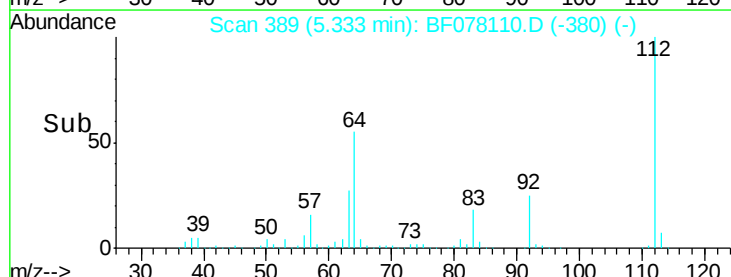
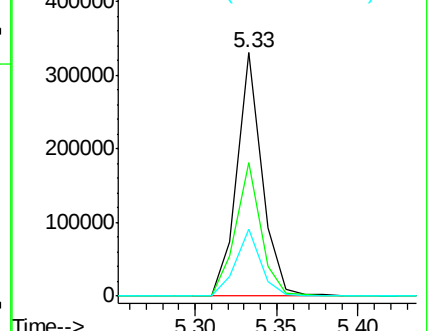
63 27.4 19.3 28.9

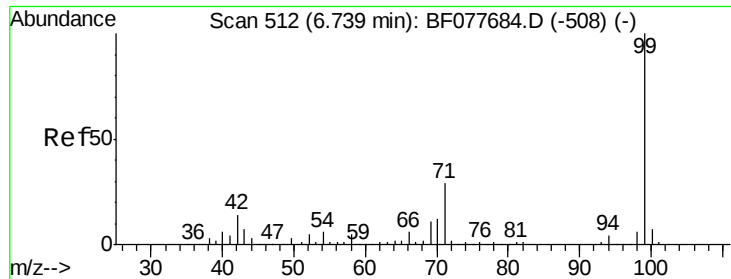


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 132.30 ng

RT: 6.64 min Scan# 503

Delta R.T. -0.00 min

Lab File: BF078110.D

Acq: 31 Mar 2015 12:53

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

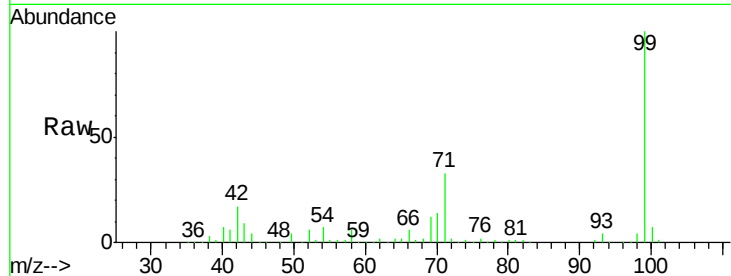
Tot Ion: 99 Resp: 419936

Ion Ratio Lower Upper

99 100

42 17.4 11.0 16.4#

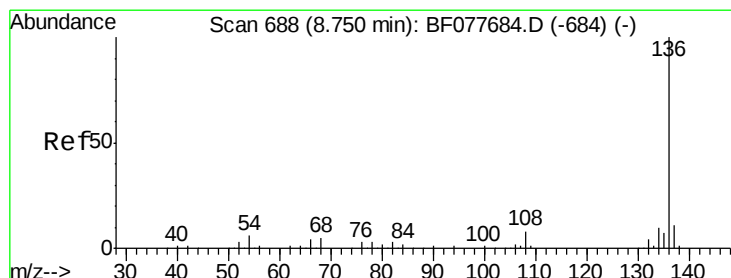
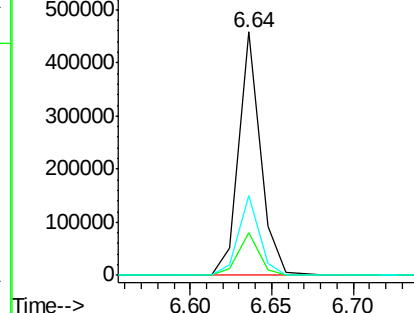
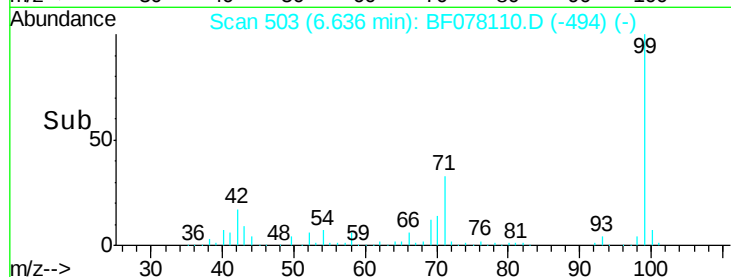
71 33.0 23.4 35.2



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.62 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF078110.D

Acq: 31 Mar 2015 12:53

Tgt Ion: 136 Resp: 191563

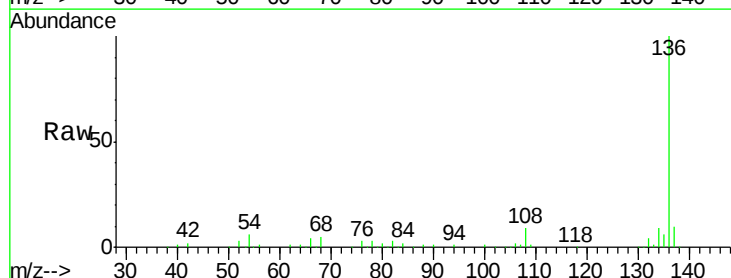
Ion Ratio Lower Upper

136 100

137 10.3 8.7 13.1

54 5.9 4.6 6.8

68 4.8 3.7 5.5

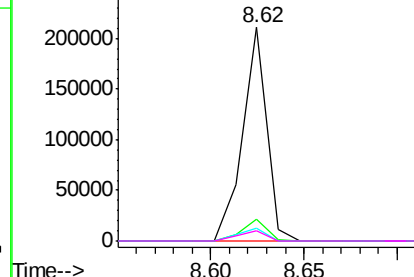
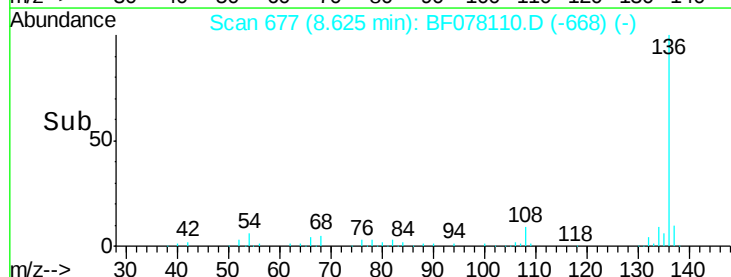


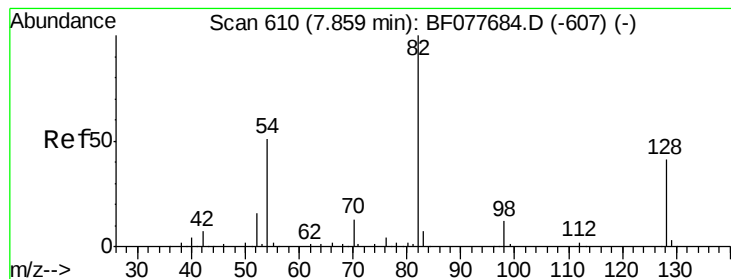
Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.36 ng

RT: 7.74 min Scan# 600

Delta R.T. -0.00 min

Lab File: BF078110.D

Acq: 31 Mar 2015 12:53

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

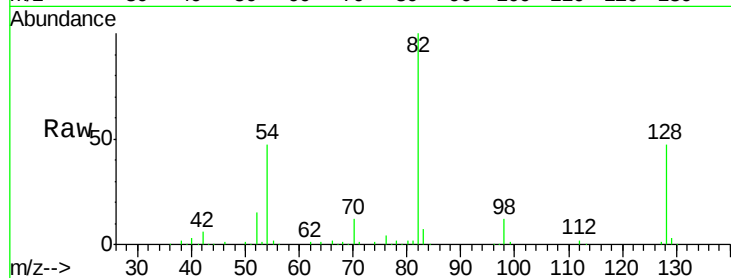
Tot Ion: 82 Resp: 261152

Ion Ratio Lower Upper

82 100

128 47.2 32.8 49.2

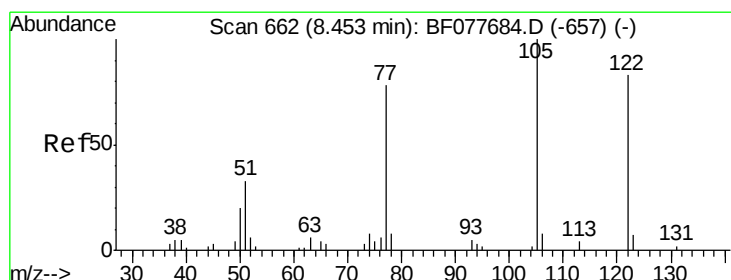
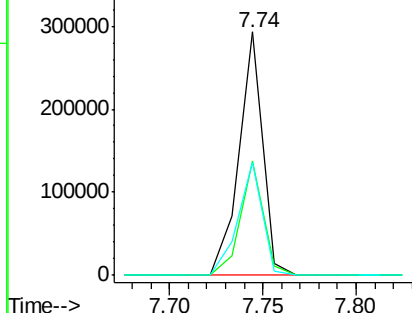
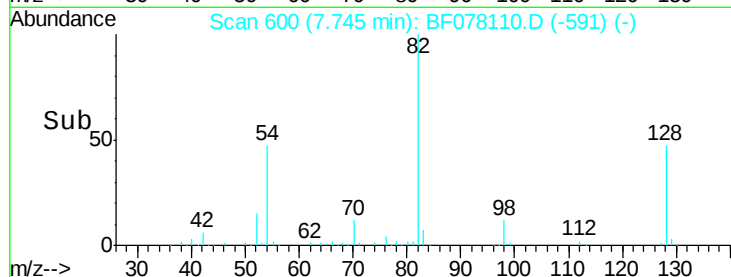
54 46.7 40.6 60.8



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



#32

Benzoic acid

Concen: 6.25 ng m

RT: 8.33 min Scan# 651

Delta R.T. -0.03 min

Lab File: BF078110.D

Acq: 31 Mar 2015 12:53

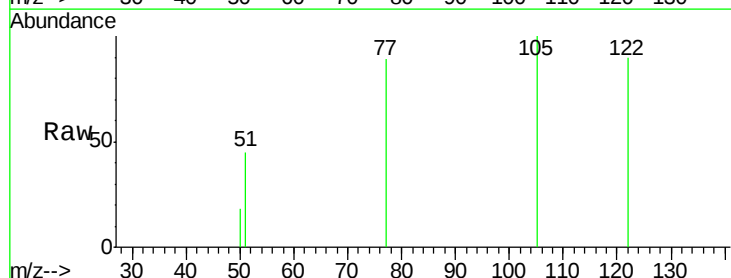
Tgt Ion: 122 Resp: 5294

Ion Ratio Lower Upper

122 100

105 111.4 99.9 139.9

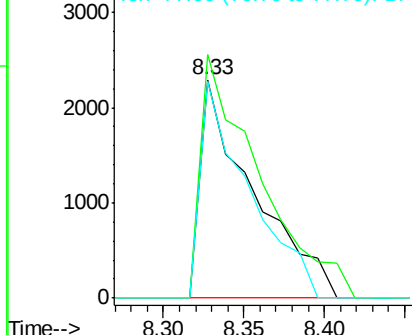
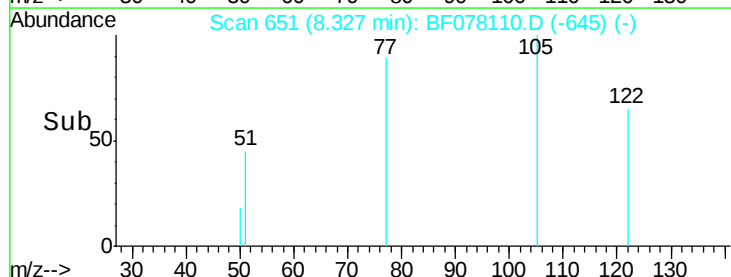
77 99.4 73.7 113.7

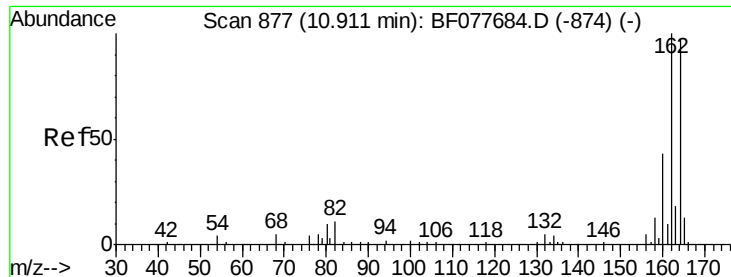


Abundance Ion 122.00 (121.70 to 122.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.80 min Scan# 867

Delta R.T. 0.01 min

Lab File: BF078110.D

Acq: 31 Mar 2015 12:53

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

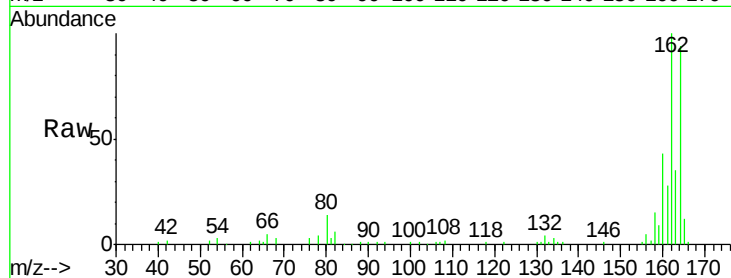
Tot Ion:164 Resp: 95554

Ion Ratio Lower Upper

164 100

162 106.2 82.4 123.6

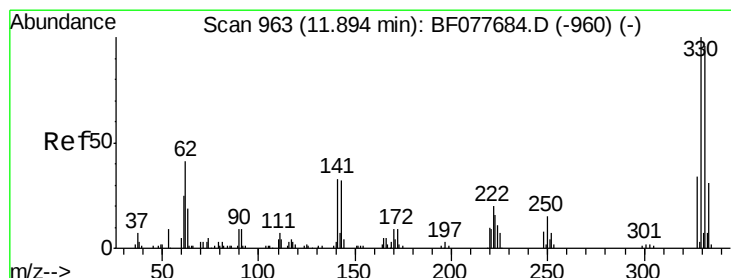
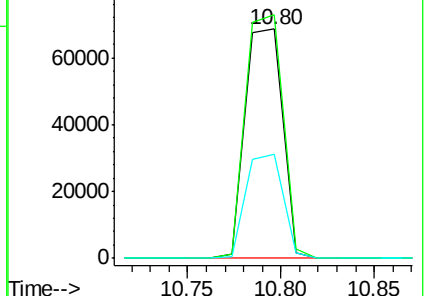
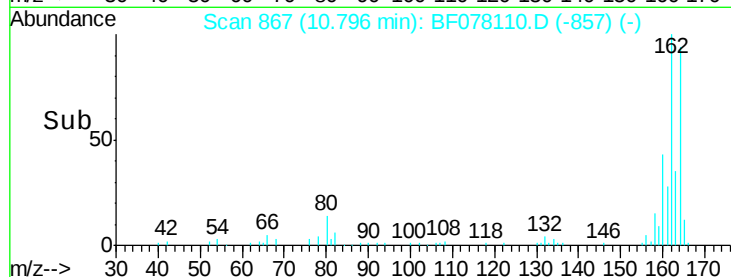
160 45.5 35.8 53.6



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: 131.75 ng

RT: 11.78 min Scan# 953

Delta R.T. 0.01 min

Lab File: BF078110.D

Acq: 31 Mar 2015 12:53

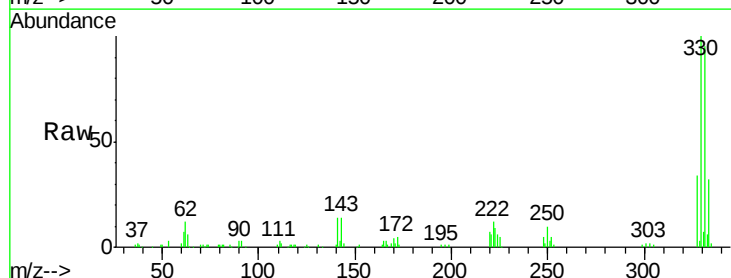
Tgt Ion:330 Resp: 120449

Ion Ratio Lower Upper

330 100

332 95.8 0.0 0.0#

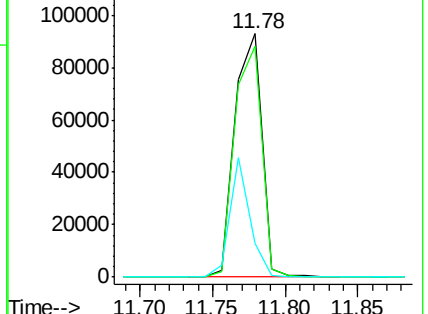
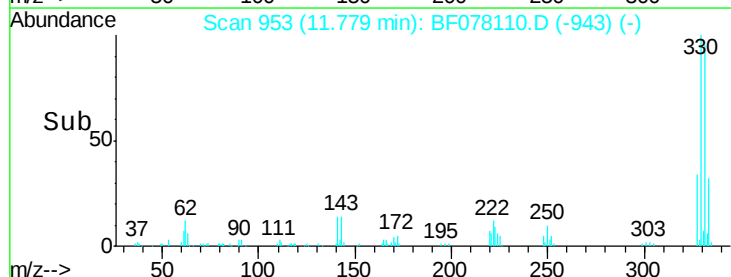
141 36.7 0.0 0.0#

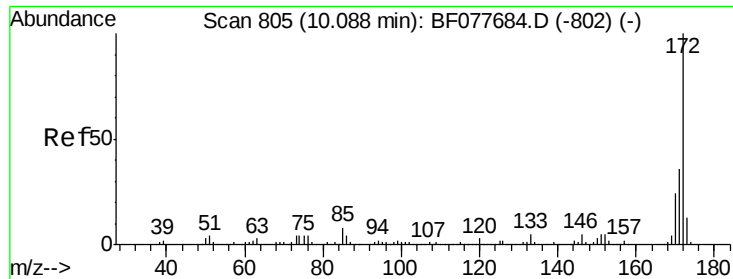


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

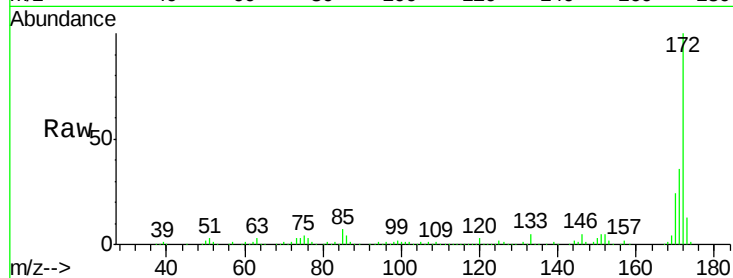




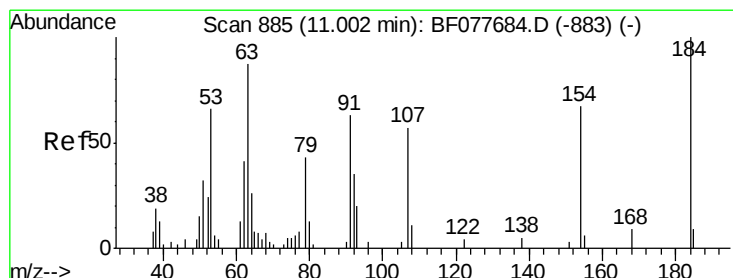
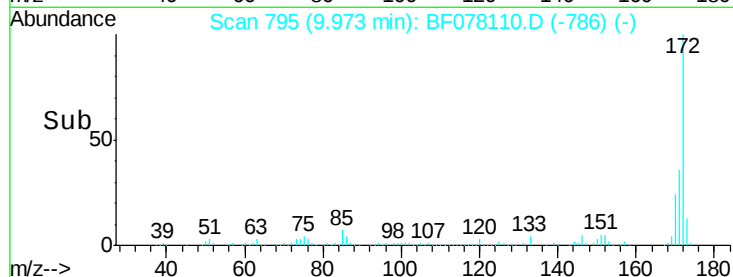
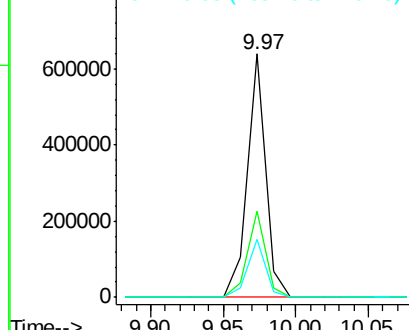
#44
2-Fluorobiphenyl
Concen: 86.18 ng
RT: 9.97 min Scan# 795
Delta R.T. -0.00 min
Lab File: BF078110.D
Acq: 31 Mar 2015 12:53

Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2015-01

Tot Ion:172 Resp: 560343
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 23.6 18.8 28.2

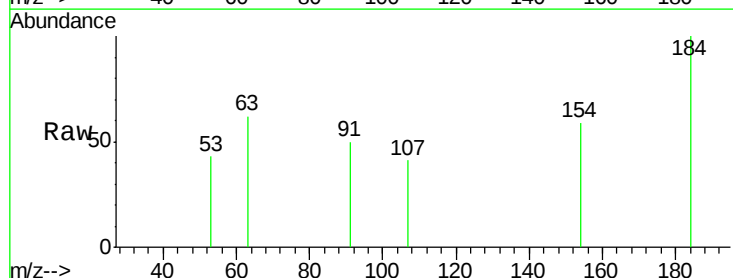


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

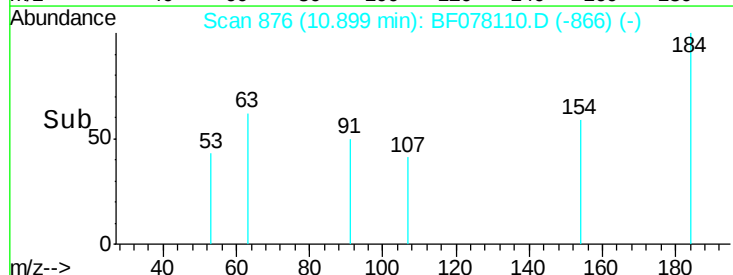
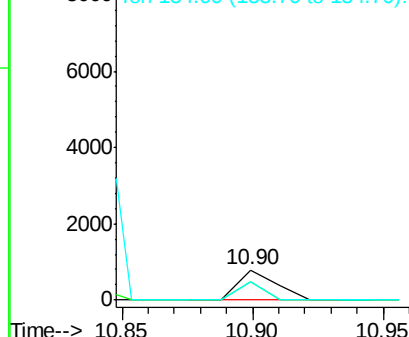


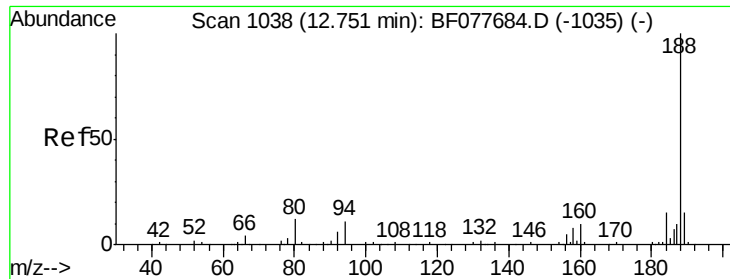
#53
2,4-Dinitrophenol
Concen: 9.38 ng
RT: 10.90 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF078110.D
Acq: 31 Mar 2015 12:53

Tgt Ion:184 Resp: 793
Ion Ratio Lower Upper
184 100
63 62.3 69.2 103.8#
154 59.5 53.3 79.9



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

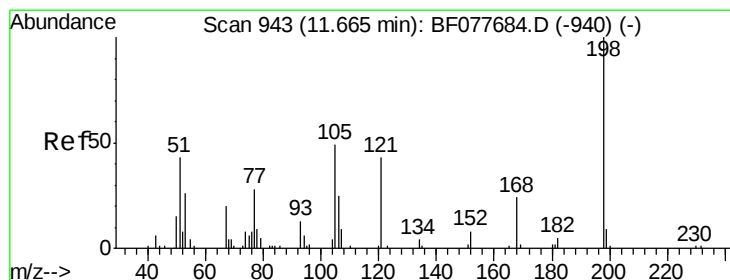
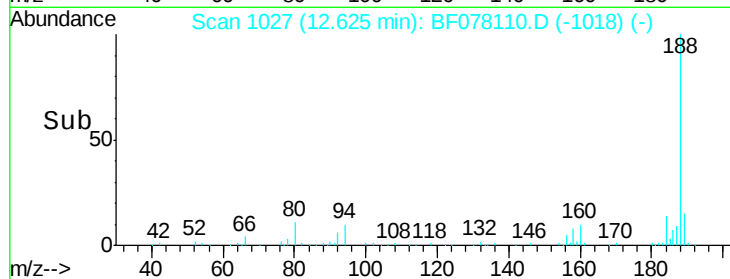
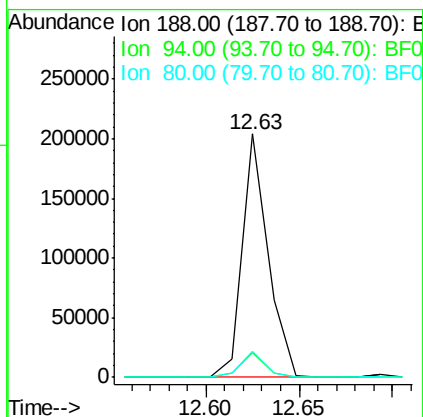
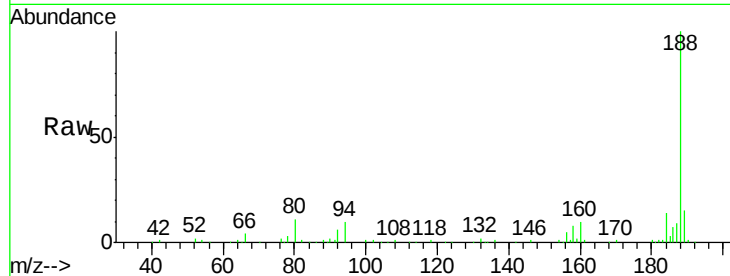




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.63 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF078110.D
Acq: 31 Mar 2015 12:53

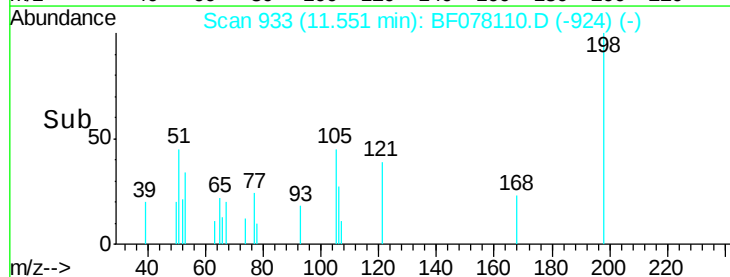
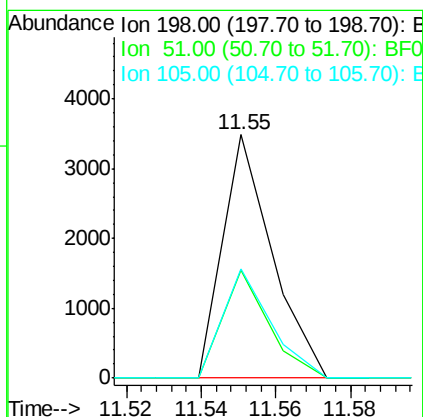
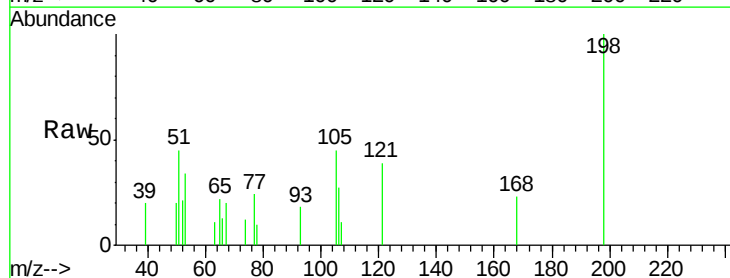
Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2015-01

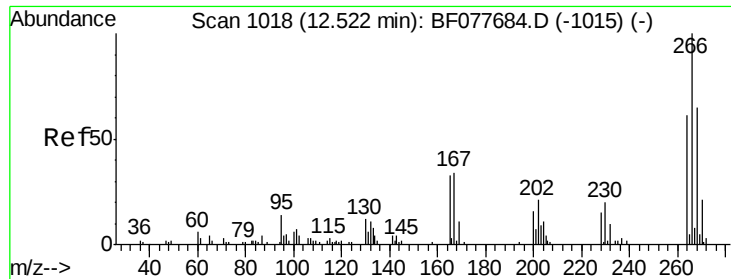
Tot Ion:188 Resp: 195730
Ion Ratio Lower Upper
188 100
94 10.0 8.7 13.1
80 10.9 9.3 13.9



#64
4,6-Dinitro-2-methylphenol
Concen: 7.46 ng m
RT: 11.55 min Scan# 933
Delta R.T. -0.00 min
Lab File: BF078110.D
Acq: 31 Mar 2015 12:53

Tgt Ion:198 Resp: 3209
Ion Ratio Lower Upper
198 100
51 44.5 28.8 68.8
105 44.9 30.5 70.5

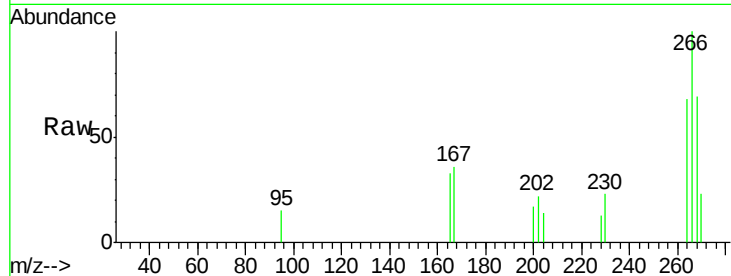




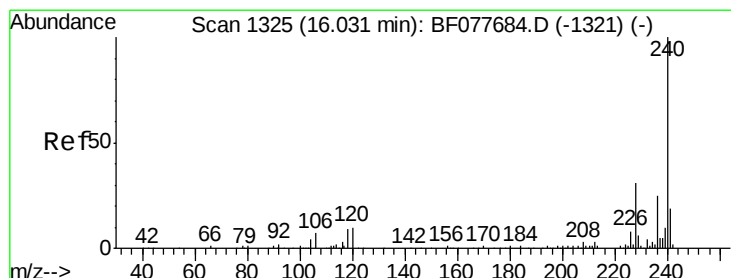
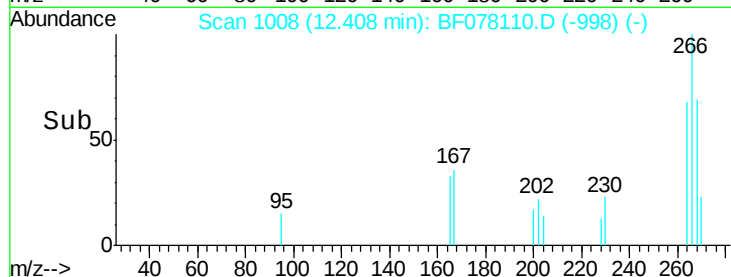
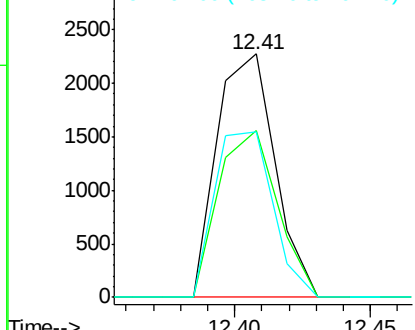
#69
 Pentachlorophenol
 Concen: 5.78 ng m
 RT: 12.41 min Scan# 1008
 Delta R.T. 0.01 min
 Lab File: BF078110.D
 Acq: 31 Mar 2015 12:53

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

Tot Ion:266 Resp: 3375
 Ion Ratio Lower Upper
 266 100
 268 68.8 52.0 78.0
 264 68.0 49.0 73.4

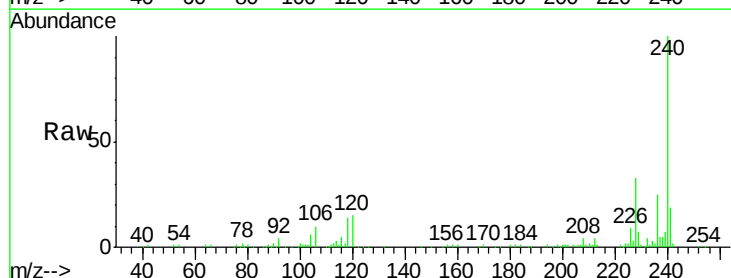


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

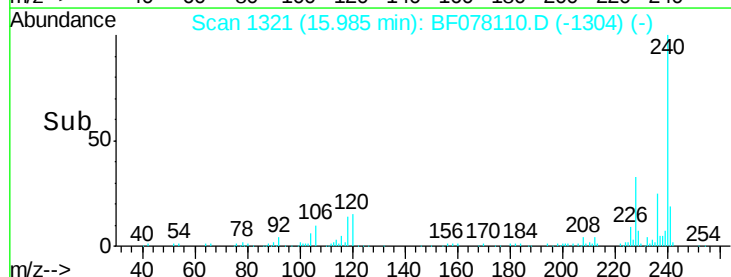
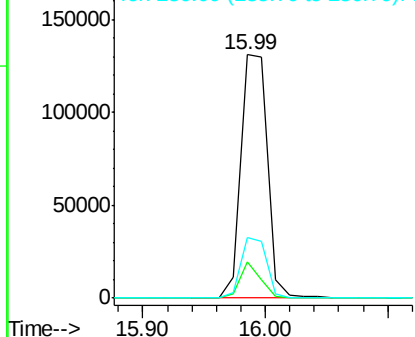


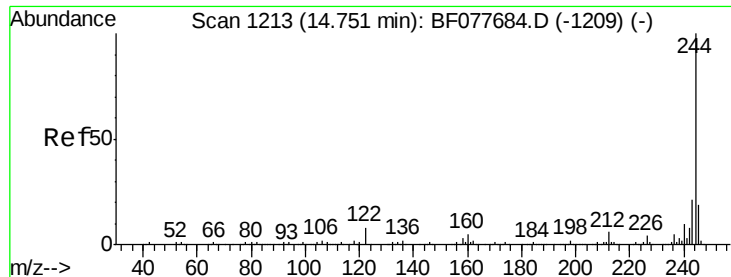
#75
 Chrysene-d12
 Concen: 20.00 ng m
 RT: 15.99 min Scan# 1321
 Delta R.T. 0.09 min
 Lab File: BF078110.D
 Acq: 31 Mar 2015 12:53

Tgt Ion:240 Resp: 195732
 Ion Ratio Lower Upper
 240 100
 120 15.0 8.2 12.2#
 236 24.8 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

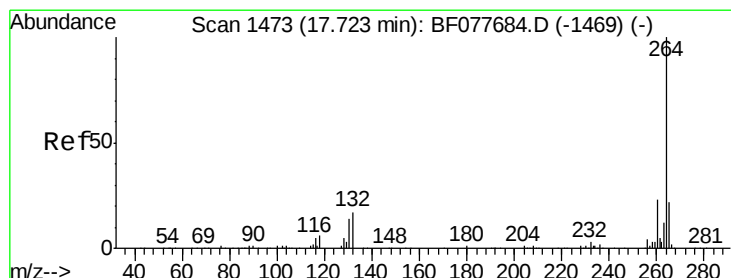
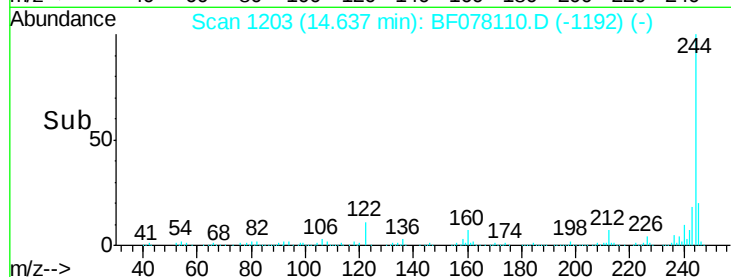
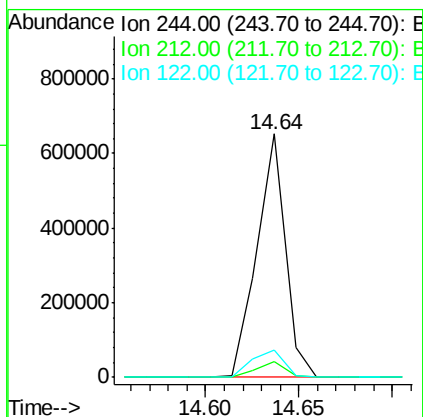
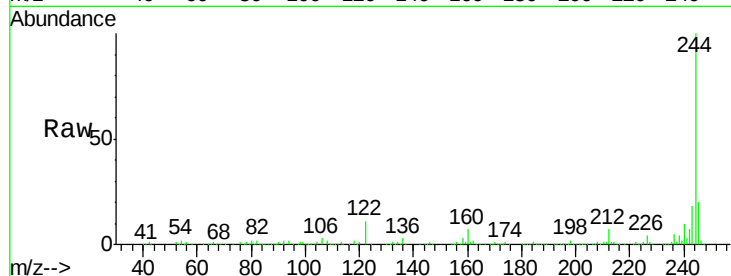




#78
 Terphenyl-d14
 Concen: 86.22 ng
 RT: 14.64 min Scan# 1203
 Delta R.T. 0.02 min
 Lab File: BF078110.D
 Acq: 31 Mar 2015 12:53

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

Tot Ion:244 Resp: 690855
 Ion Ratio Lower Upper
 244 100
 212 6.7 4.9 7.3
 122 11.1 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.00 ng m
 RT: 17.95 min Scan# 1493
 Delta R.T. 0.34 min
 Lab File: BF078110.D
 Acq: 31 Mar 2015 12:53

Tgt Ion:264 Resp: 170484
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.6 27.8
 265 20.5 17.3 25.9

