

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061915\
 Data File : BF080072.D
 Acq On : 20 Jun 2015 00:43
 Operator : TP/IZ
 Sample : G2653-03
 Misc : LOD-SVOC-SOIL-1PPM
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

Quant Time: Jun 20 01:54:31 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 17 16:41:53 2015
 Response via : Initial Calibration

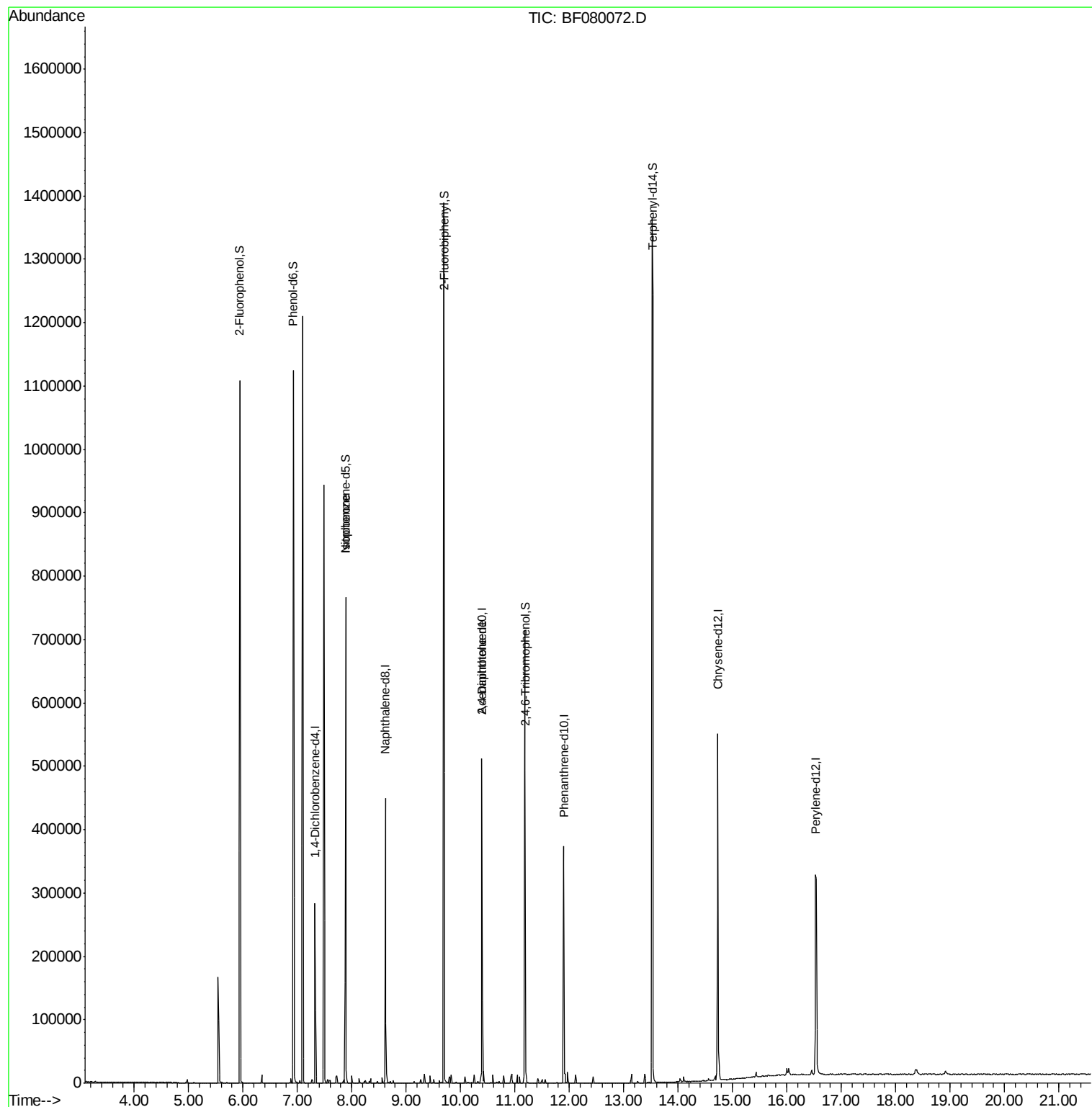
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	45674	20.00	ng	-0.01
21) Naphthalene-d8	8.62	136	186487	20.00	ng	-0.01
38) Acenaphthene-d10	10.39	164	99708	20.00	ng	-0.01
63) Phenanthrene-d10	11.90	188	207010	20.00	ng	-0.01
75) Chrysene-d12	14.73	240	237007	20.00	ng	-0.13
86) Perylene-d12	16.54	264	217842	20.00	ng	-0.21
System Monitoring Compounds						
5) 2-Fluorophenol	5.94	112	300785	116.57	ng	0.00
7) Phenol-d6	6.93	99	364350	106.12	ng	-0.01
23) Nitrobenzene-d5	7.89	82	225212	70.31	ng	-0.01
41) 2,4,6-Tribromophenol	11.19	330	104522	107.20	ng	-0.01
44) 2-Fluorobiphenyl	9.69	172	456881	65.35	ng	-0.01
78) Terphenyl-d14	13.53	244	666326	65.66	ng	-0.06
Target Compounds						
25) Isophorone	7.89	82	225200	34.93	ng	# 58
56) 2,4-Dinitrotoluene	10.39	165	12678	6.65	ng	# 31

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061915\
Data File : BF080072.D
Acq On : 20 Jun 2015 00:43
Operator : TP/IZ
Sample : G2653-03
Misc : LOD-SVOC-SOIL-1PPM
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2015-01

Quant Time: Jun 20 01:54:31 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 17 16:41:53 2015
Response via : Initial Calibration



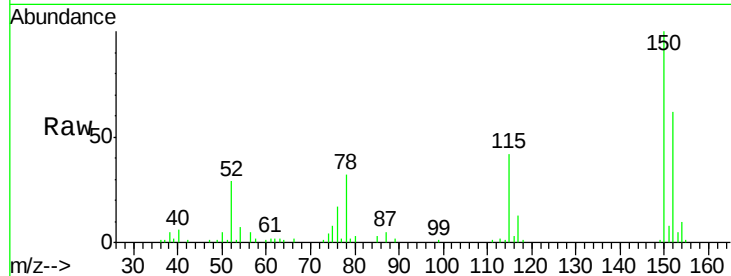


#1

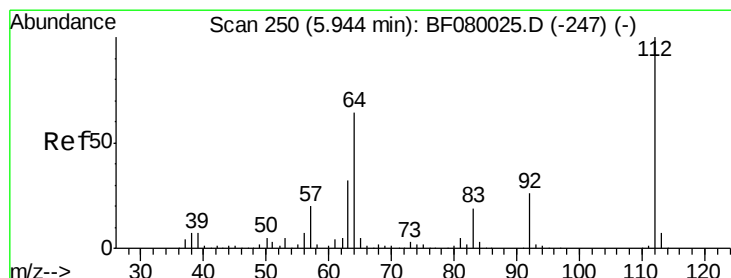
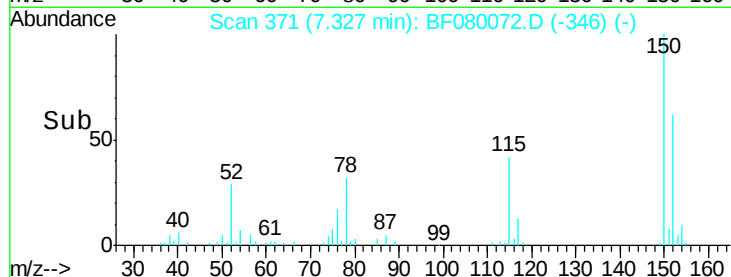
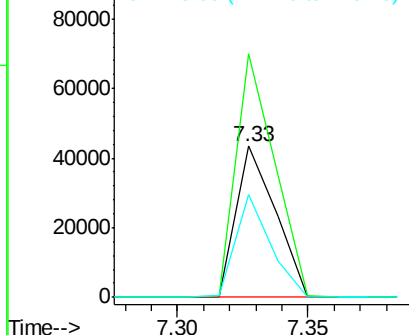
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.33 min Scan# 371
Delta R.T. -0.01 min
Lab File: BF080072.D
Acq: 20 Jun 2015 00:43

Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:152 Resp: 45674
Ion Ratio Lower Upper
152 100
150 161.4 124.7 187.1
115 68.0 39.0 58.4#



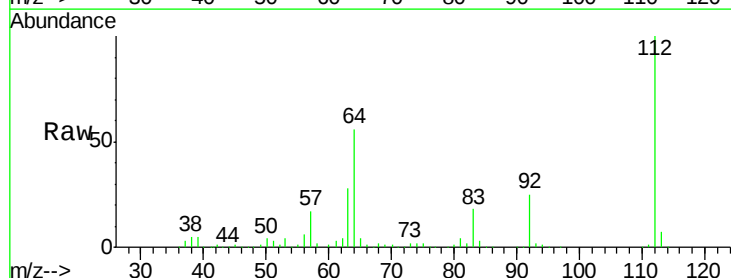
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



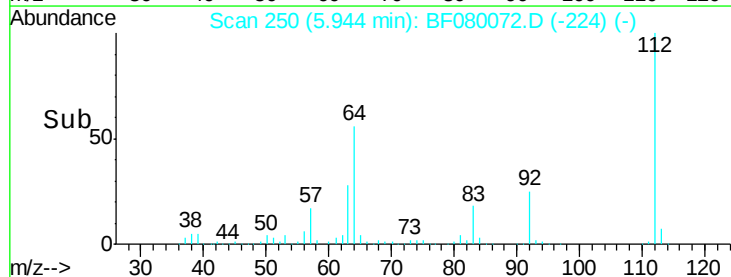
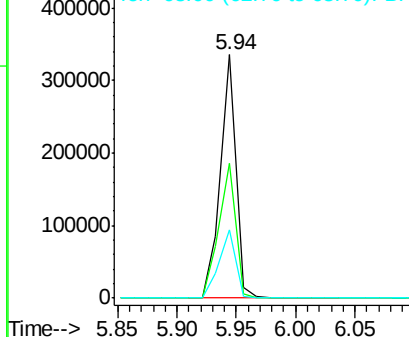
#5

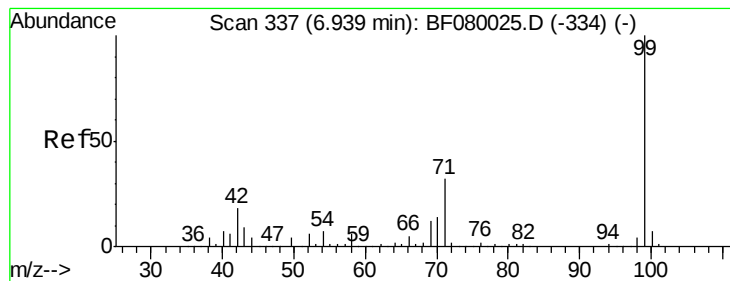
2-Fluorophenol
Concen: 116.57 ng
RT: 5.94 min Scan# 250
Delta R.T. 0.00 min
Lab File: BF080072.D
Acq: 20 Jun 2015 00:43

Tgt Ion:112 Resp: 300785
Ion Ratio Lower Upper
112 100
64 55.6 39.7 59.5
63 28.1 17.4 26.0#



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: 106.12 ng

RT: 6.93 min Scan# 336

Delta R.T. -0.01 min

Lab File: BF080072.D

Acq: 20 Jun 2015 00:43

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

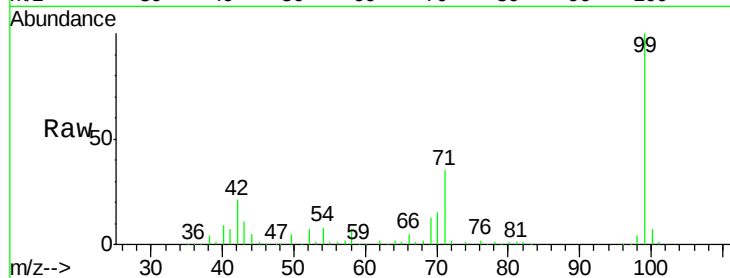
Tgt Ion: 99 Resp: 364350

Ion Ratio Lower Upper

99 100

42 20.7 13.7 20.5#

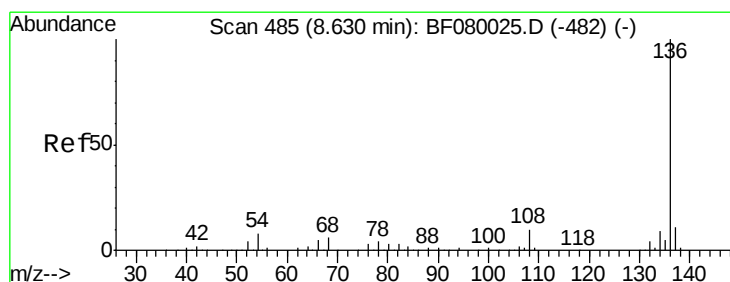
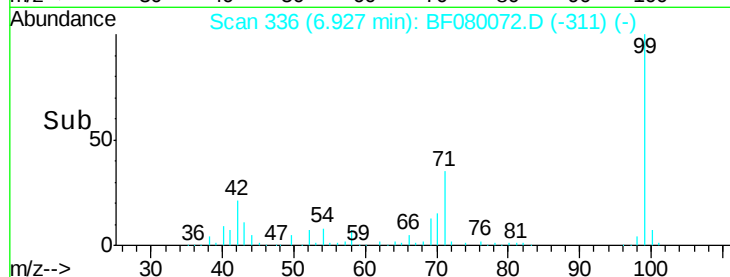
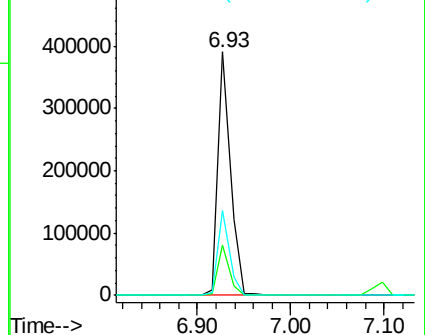
71 34.7 14.2 21.2#



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# 484

Delta R.T. -0.01 min

Lab File: BF080072.D

Acq: 20 Jun 2015 00:43

Tgt Ion: 136 Resp: 186487

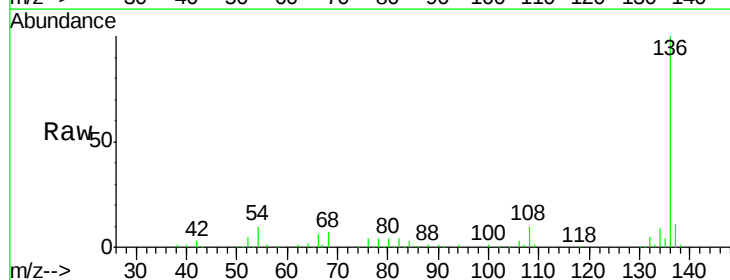
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 9.8 8.2 12.2

68 7.3 5.8 8.6

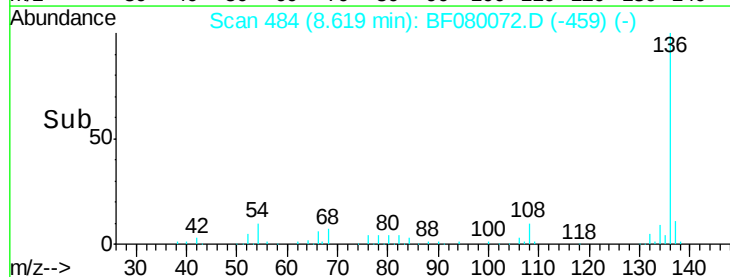
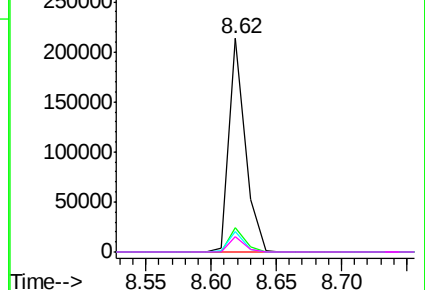


Abundance Ion 136.00 (135.70 to 136.70): E

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

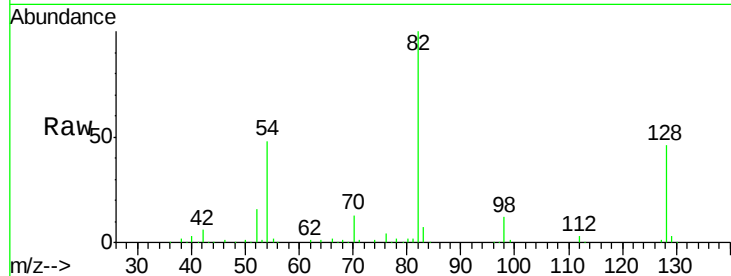




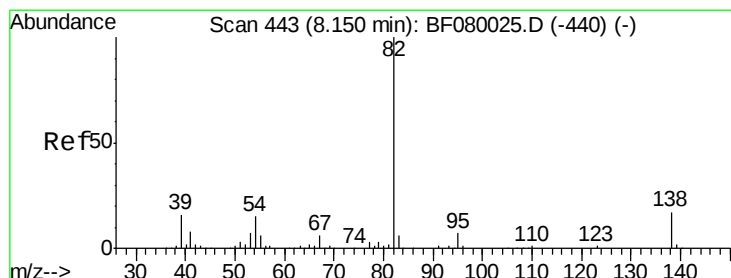
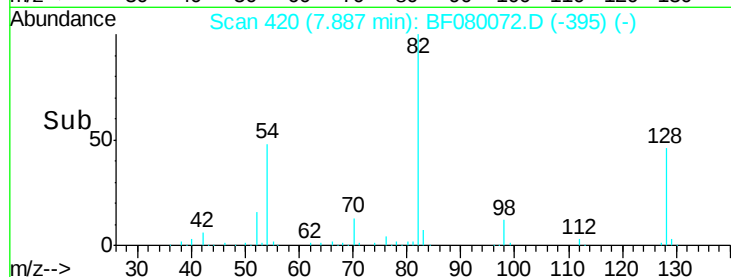
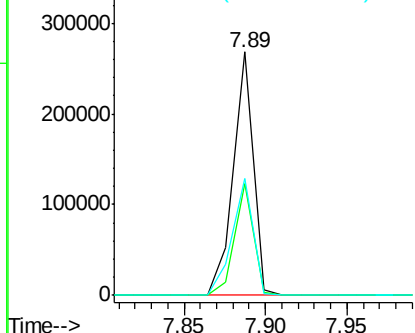
#23
 Nitrobenzene-d5
 Concen: 70.31 ng
 RT: 7.89 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: BF080072.D
 Acq: 20 Jun 2015 00:43

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

Tgt Ion: 82 Resp: 225212
 Ion Ratio Lower Upper
 82 100
 128 46.0 51.0 76.6#
 54 48.0 47.5 71.3

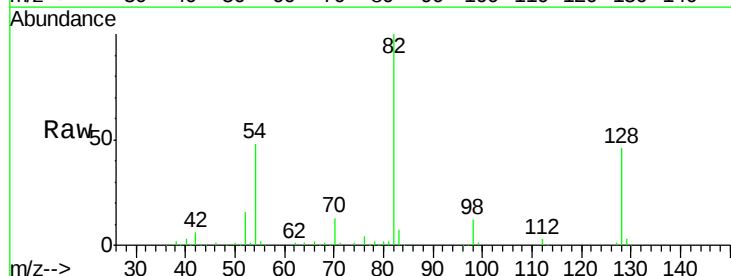


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

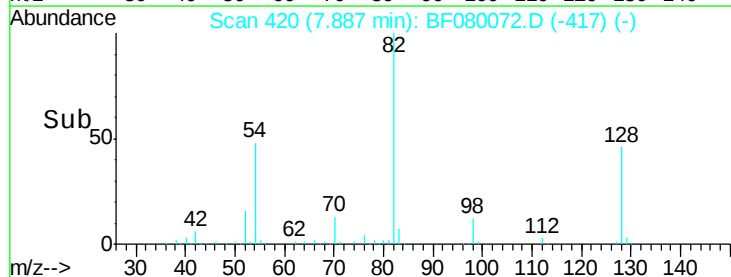
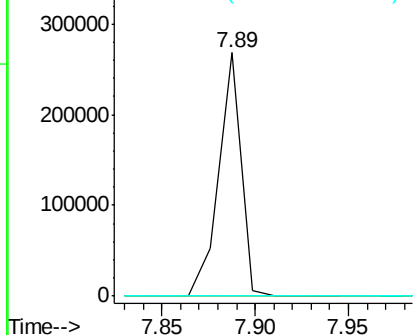


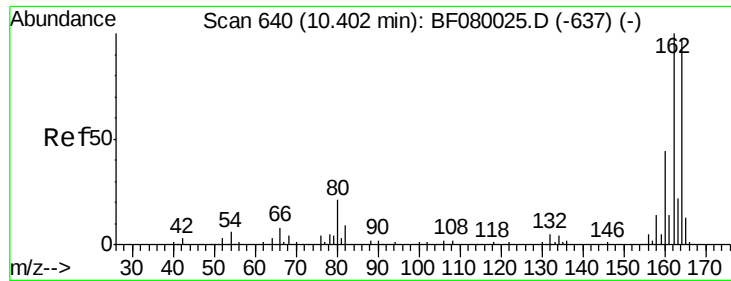
#25
 Isophorone
 Concen: 34.93 ng
 RT: 7.89 min Scan# 420
 Delta R.T. -0.26 min
 Lab File: BF080072.D
 Acq: 20 Jun 2015 00:43

Tgt Ion: 82 Resp: 225200
 Ion Ratio Lower Upper
 82 100
 95 0.0 4.0 6.0#
 138 0.0 18.3 27.5#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0

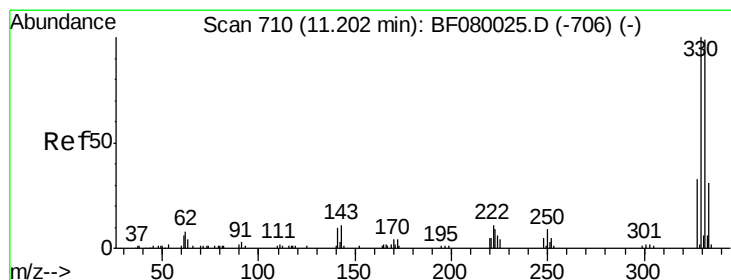
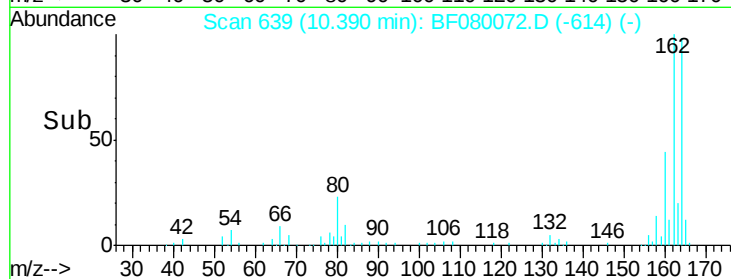
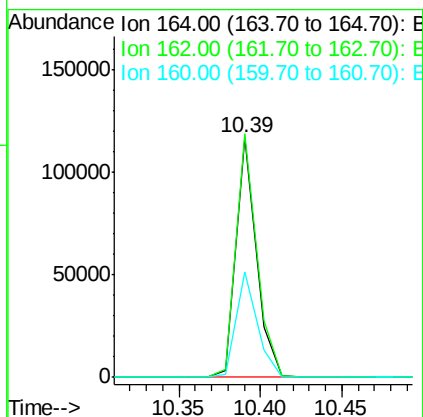
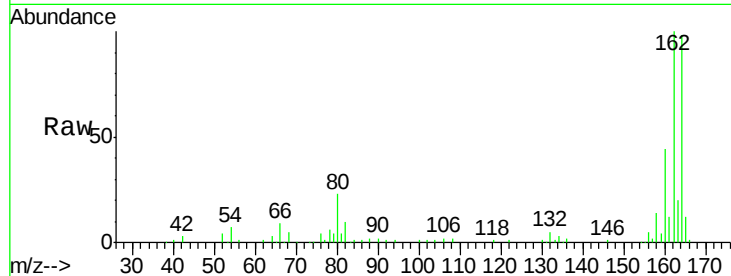




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.39 min Scan# 639
 Delta R.T. -0.01 min
 Lab File: BF080072.D
 Acq: 20 Jun 2015 00:43

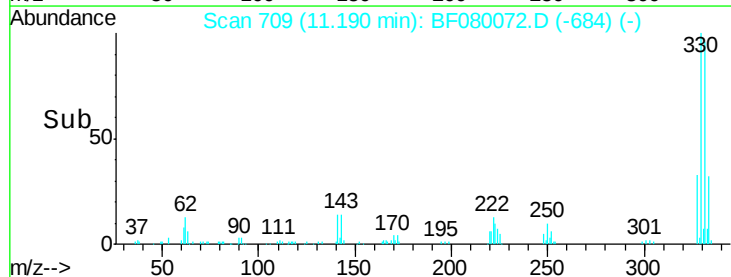
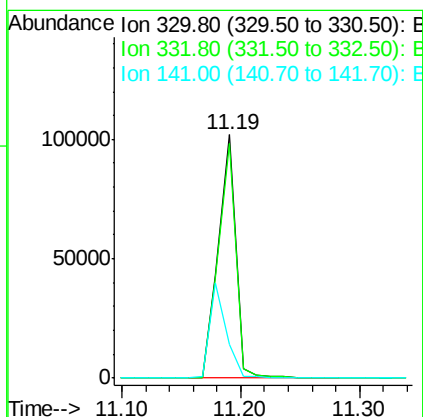
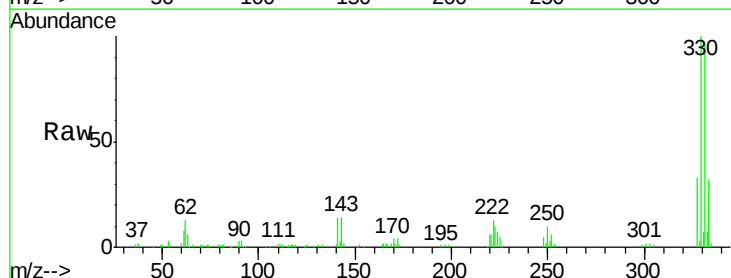
Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

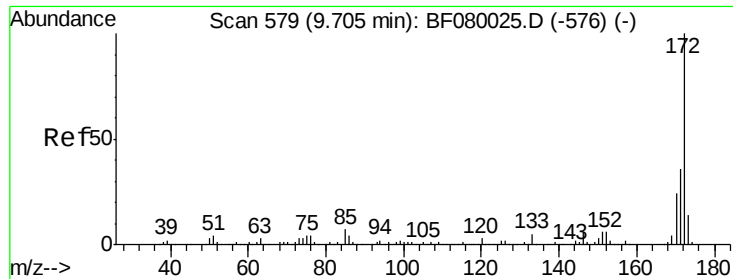
Tgt Ion:164 Resp: 99708
 Ion Ratio Lower Upper
 164 100
 162 101.6 75.2 112.8
 160 44.2 31.5 47.3



#41
 2,4,6-Tribromophenol
 Concen: 107.20 ng
 RT: 11.19 min Scan# 709
 Delta R.T. -0.01 min
 Lab File: BF080072.D
 Acq: 20 Jun 2015 00:43

Tgt Ion:330 Resp: 104522
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.6 114.8
 141 36.5 29.7 44.5

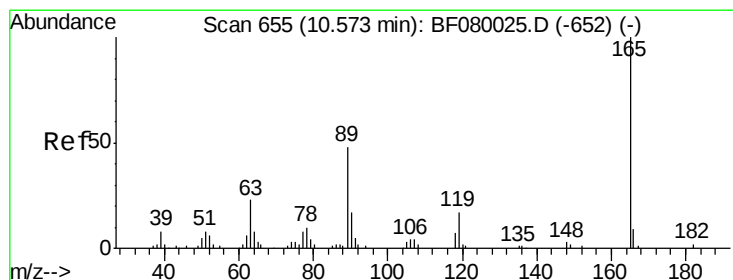
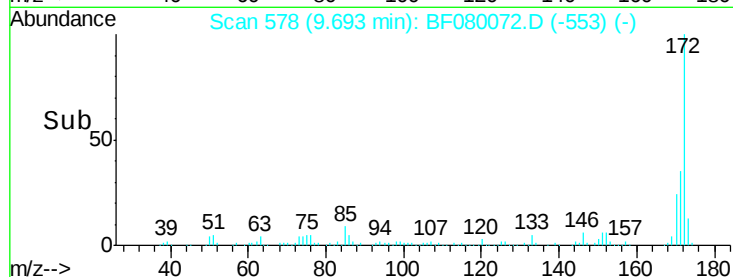
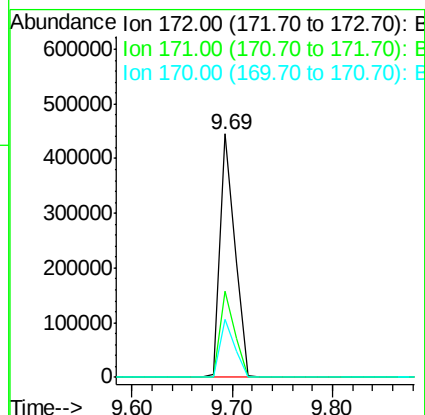
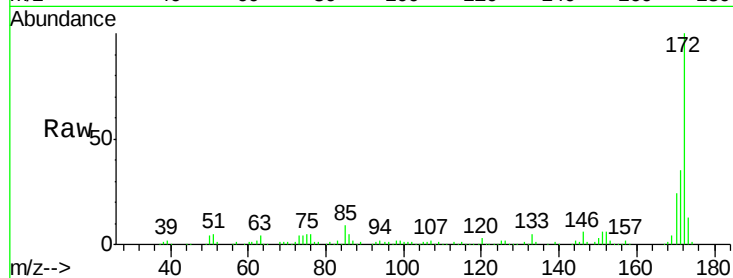




#44
 2-Fluorobiphenyl
 Concen: 65.35 ng
 RT: 9.69 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: BF080072.D
 Acq: 20 Jun 2015 00:43

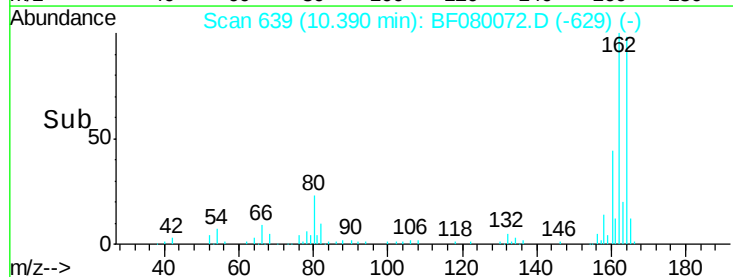
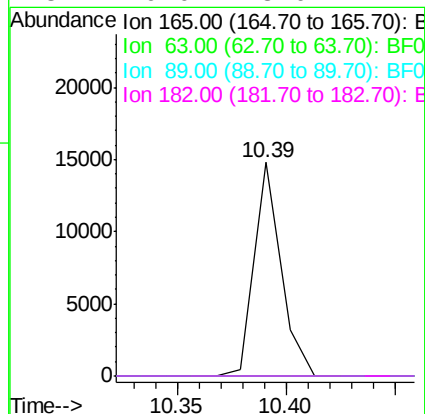
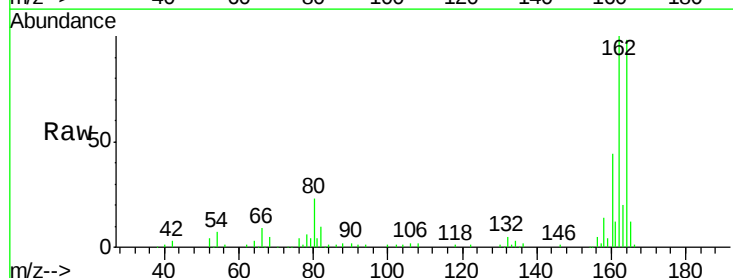
Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

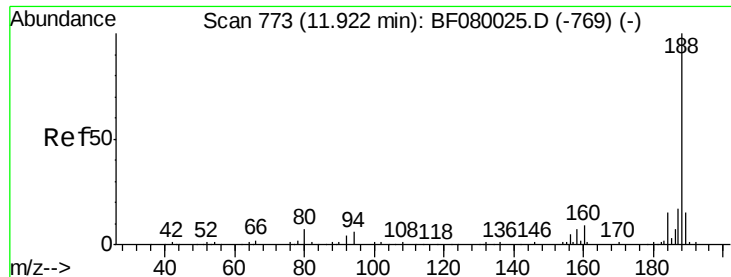
Tgt Ion:172 Resp: 456881
 Ion Ratio Lower Upper
 172 100
 171 35.3 26.1 39.1
 170 23.6 17.4 26.2



#56
 2,4-Dinitrotoluene
 Concen: 6.65 ng
 RT: 10.39 min Scan# 639
 Delta R.T. -0.18 min
 Lab File: BF080072.D
 Acq: 20 Jun 2015 00:43

Tgt Ion:165 Resp: 12678
 Ion Ratio Lower Upper
 165 100
 63 0.0 29.8 44.6#
 89 0.0 44.5 66.7#
 182 0.0 3.0 4.4#

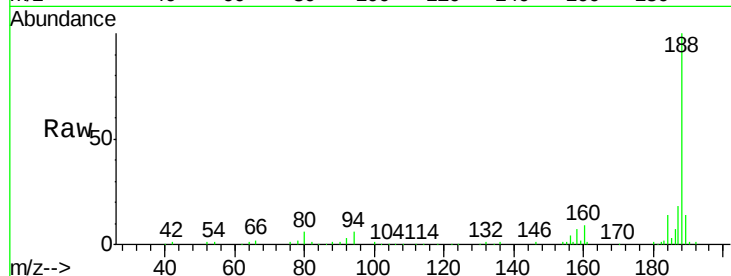




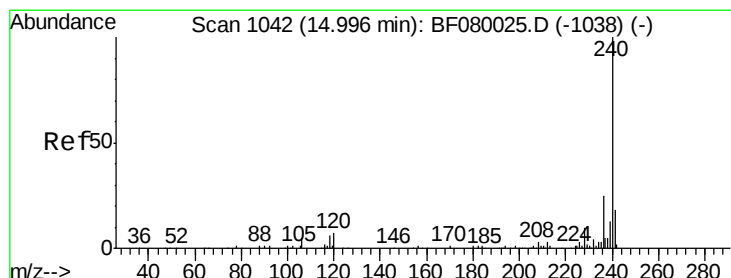
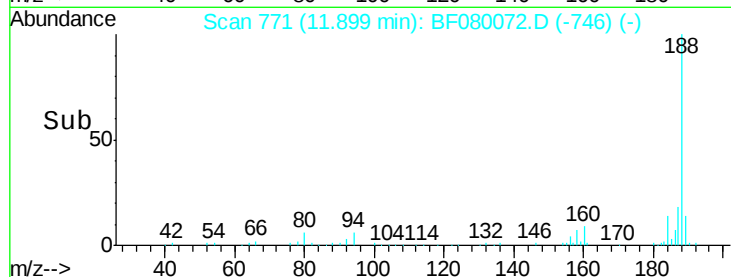
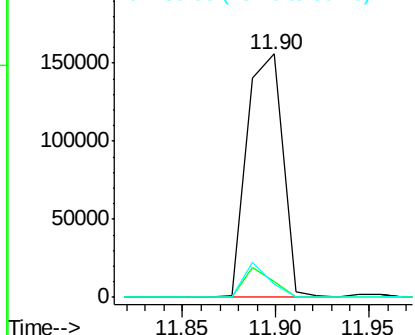
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.90 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF080072.D
Acq: 20 Jun 2015 00:43

Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:188 Resp: 207010
Ion Ratio Lower Upper
188 100
94 6.4 11.1 16.7#
80 5.6 11.0 16.4#

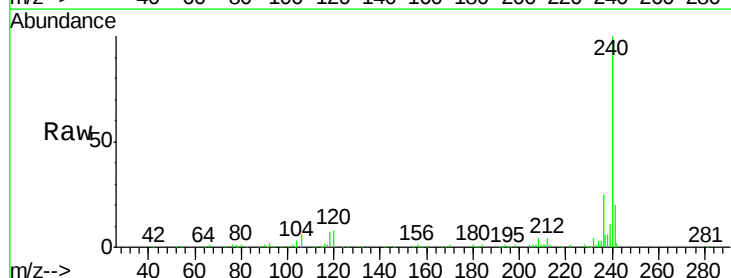


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

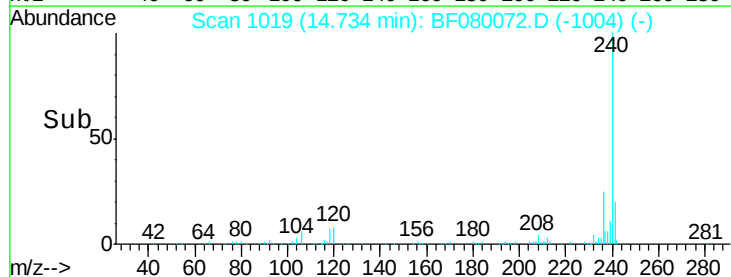
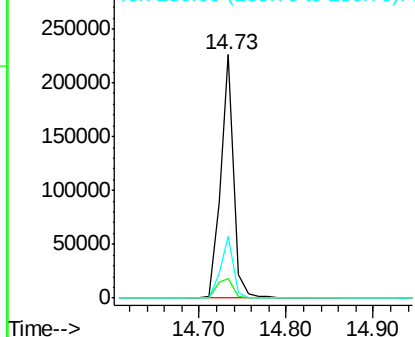


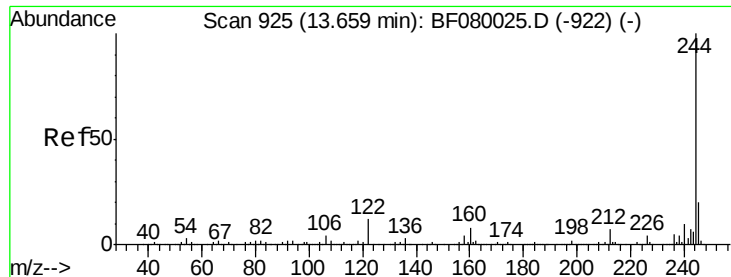
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.73 min Scan# 1019
Delta R.T. -0.13 min
Lab File: BF080072.D
Acq: 20 Jun 2015 00:43

Tgt Ion:240 Resp: 237007
Ion Ratio Lower Upper
240 100
120 8.2 16.2 24.2#
236 25.4 18.4 27.6



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

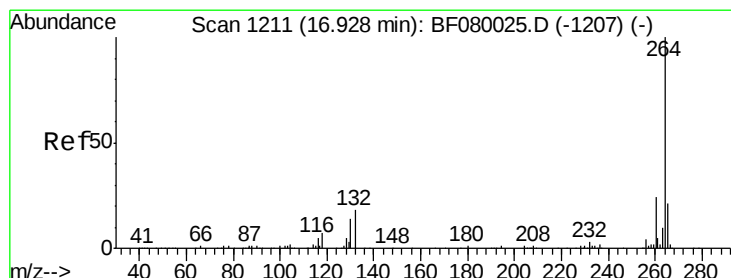
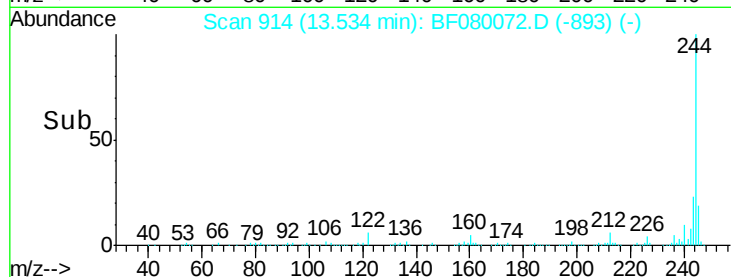
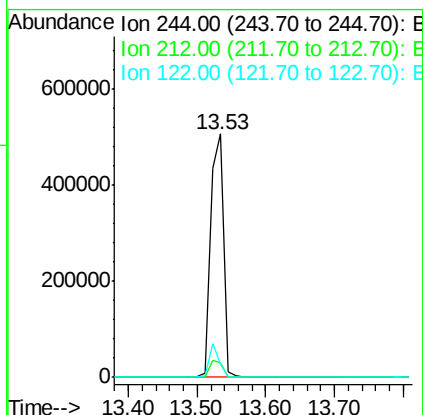
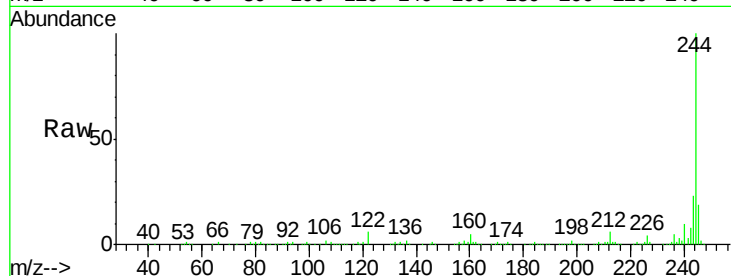




#78
 Terphenyl-d14
 Concen: 65.66 ng
 RT: 13.53 min Scan# 914
 Delta R.T. -0.06 min
 Lab File: BF080072.D
 Acq: 20 Jun 2015 00:43

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

Tgt Ion:244 Resp: 666326
 Ion Ratio Lower Upper
 244 100
 212 5.9 4.3 6.5
 122 5.5 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.54 min Scan# 1177
 Delta R.T. -0.21 min
 Lab File: BF080072.D
 Acq: 20 Jun 2015 00:43

Tgt Ion:264 Resp: 217842
 Ion Ratio Lower Upper
 264 100
 260 23.5 16.7 25.1
 265 21.2 17.2 25.8

