

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062915\
 Data File : BF080225.D
 Acq On : 30 Jun 2015 2:15
 Operator : TP/IZ
 Sample : G2819-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL

Quant Time: Jun 30 05:13:54 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 23 00:53:56 2015
 Response via : Initial Calibration

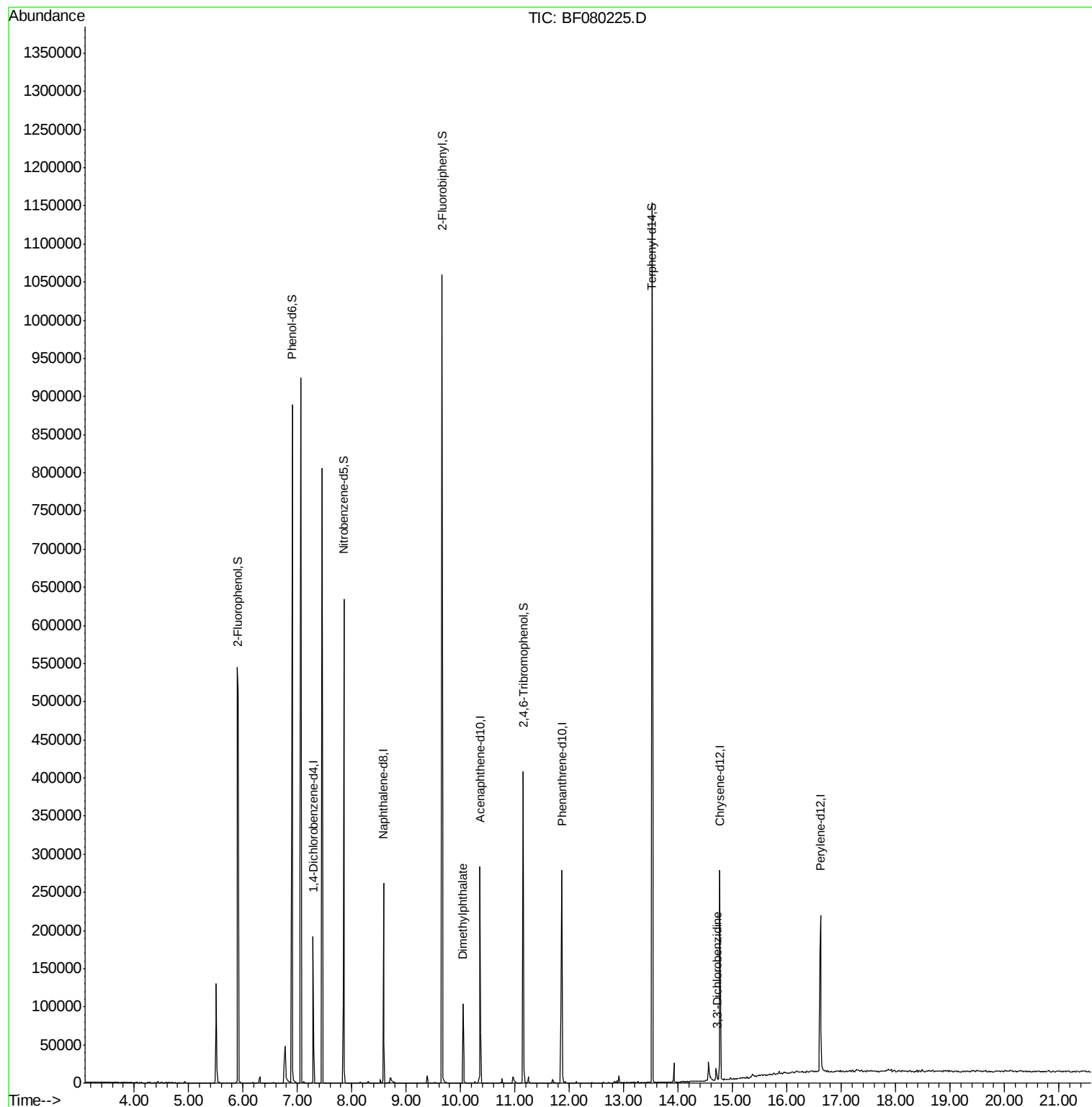
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	27101	20.00	ng	-0.03
21) Naphthalene-d8	8.58	136	109975	20.00	ng	-0.03
38) Acenaphthene-d10	10.36	164	55644	20.00	ng	-0.03
63) Phenanthrene-d10	11.86	188	110905	20.00	ng	-0.05
75) Chrysene-d12	14.77	240	120041	20.00	ng	-0.23
86) Perylene-d12	16.62	264	124202	20.00	ng	-0.31
System Monitoring Compounds						
5) 2-Fluorophenol	5.91	112	217454	142.04	ng	-0.02
7) Phenol-d6	6.90	99	323325	158.70	ng	-0.02
23) Nitrobenzene-d5	7.85	82	181886	96.28	ng	-0.02
41) 2,4,6-Tribromophenol	11.16	330	68066	125.10	ng	-0.02
44) 2-Fluorobiphenyl	9.66	172	345020	88.42	ng	-0.03
78) Terphenyl-d14	13.52	244	394943	76.84	ng	-0.15
Target Compounds						
49) Dimethylphthalate	10.05	163	46004	11.00	ng	# 97
81) 3,3'-Dichlorobenzidine	14.71	252	5413	2.15	ng	# 88

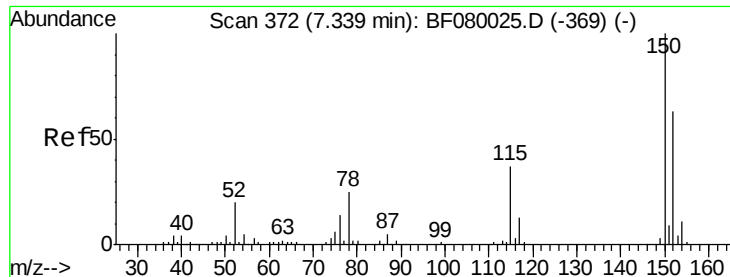
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.29 min Scan# 368

Delta R.T. -0.03 min

Lab File: BF080225.D

Acq: 30 Jun 2015 2:15

Instrument :

BNA_F

ClientSampleId :

SOIL

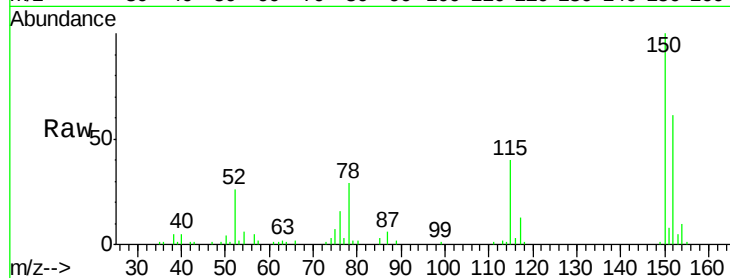
Tgt Ion:152 Resp: 27101

Ion Ratio Lower Upper

152 100

150 164.2 124.7 187.1

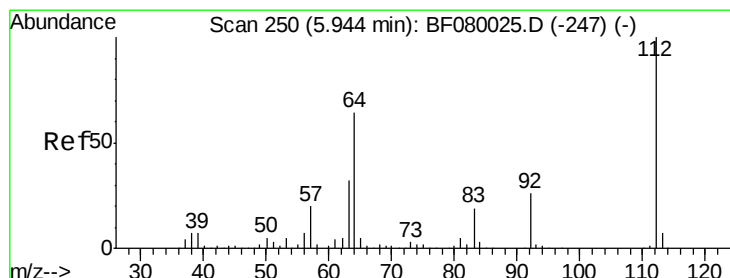
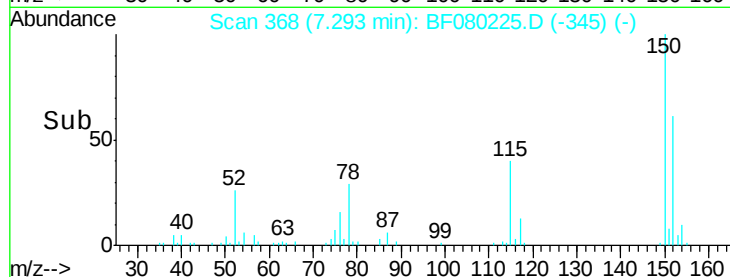
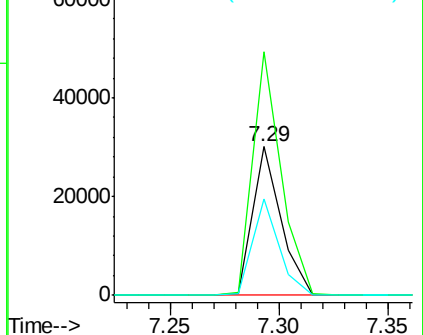
115 65.4 39.0 58.4#



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: 142.04 ng

RT: 5.91 min Scan# 247

Delta R.T. -0.02 min

Lab File: BF080225.D

Acq: 30 Jun 2015 2:15

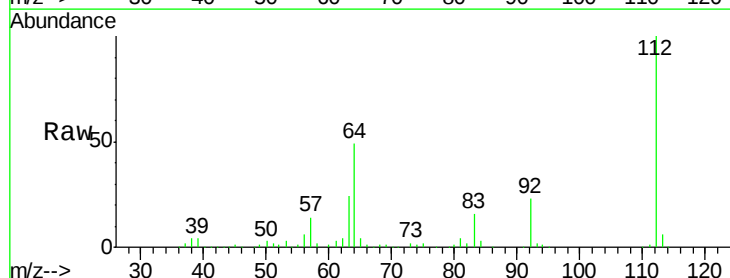
Tgt Ion:112 Resp: 217454

Ion Ratio Lower Upper

112 100

64 49.3 39.7 59.5

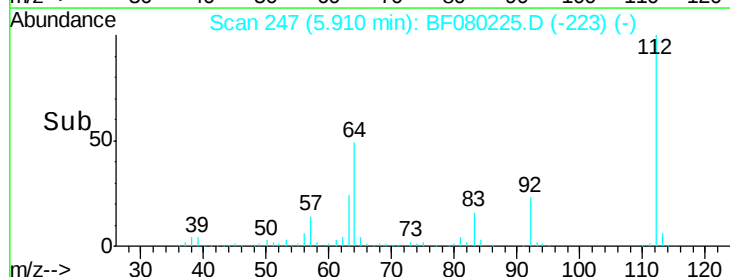
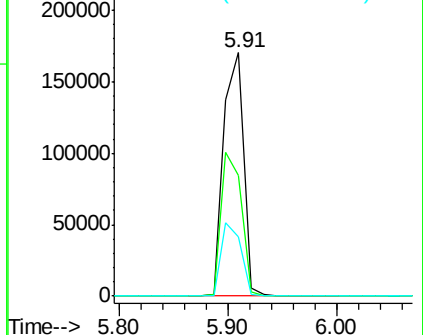
63 24.3 17.4 26.0



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: 158.70 ng

RT: 6.90 min Scan# 334

Delta R.T. -0.02 min

Lab File: BF080225.D

Acq: 30 Jun 2015 2:15

Instrument :

BNA_F

ClientSampleId :

SOIL

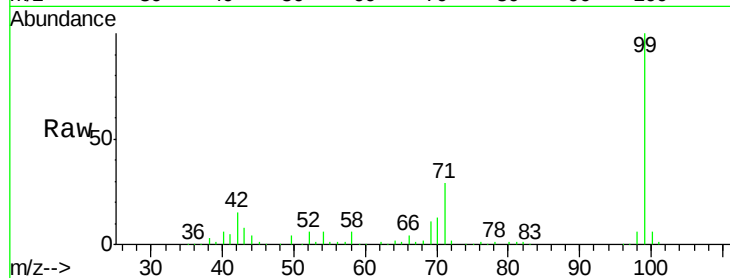
Tgt Ion: 99 Resp: 323325

Ion Ratio Lower Upper

99 100

42 15.1 13.7 20.5

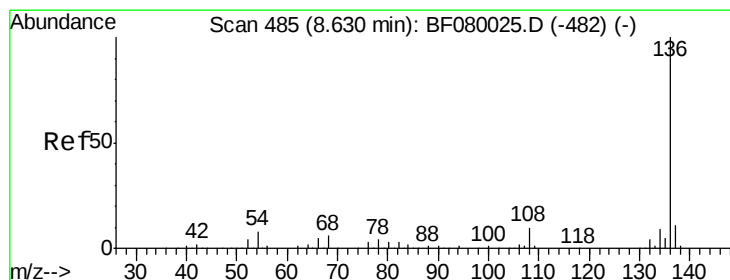
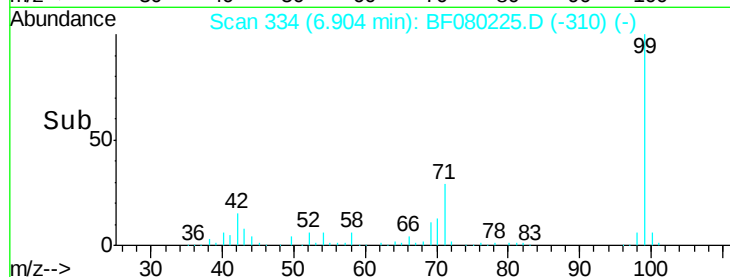
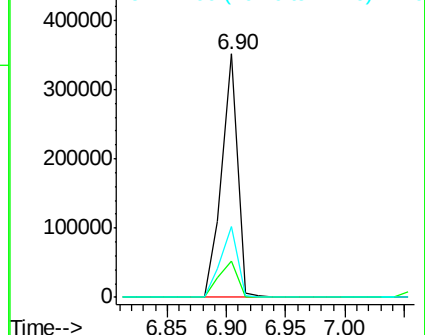
71 28.9 14.2 21.2#



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: 8.58 min Scan# 481

Delta R.T. -0.03 min

Lab File: BF080225.D

Acq: 30 Jun 2015 2:15

Tgt Ion: 136 Resp: 109975

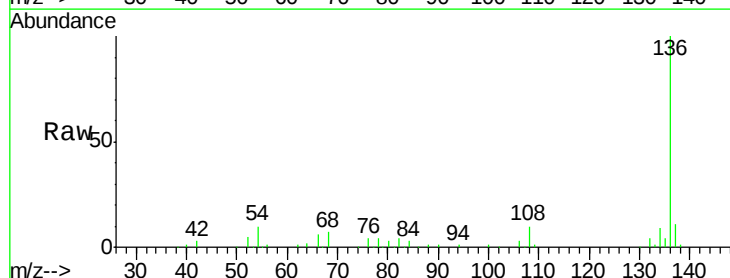
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 10.2 8.2 12.2

68 7.4 5.8 8.6

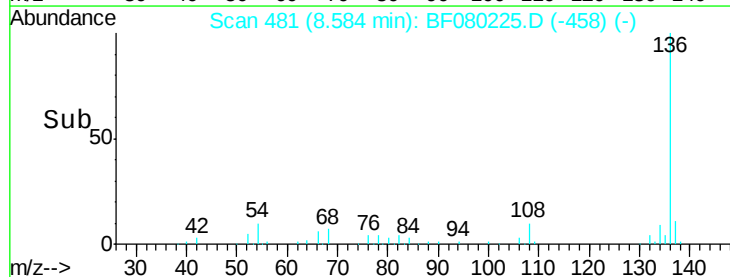
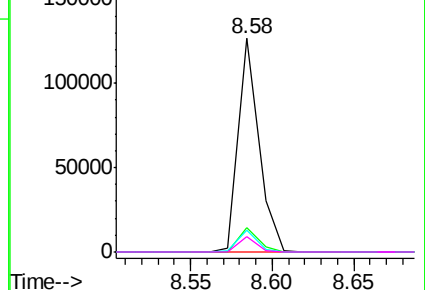


Abundance Ion 136.00 (135.70 to 136.70): E

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

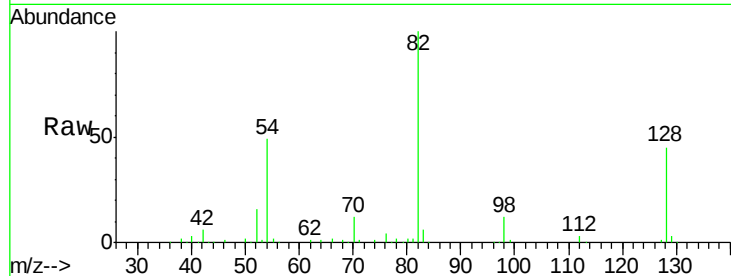




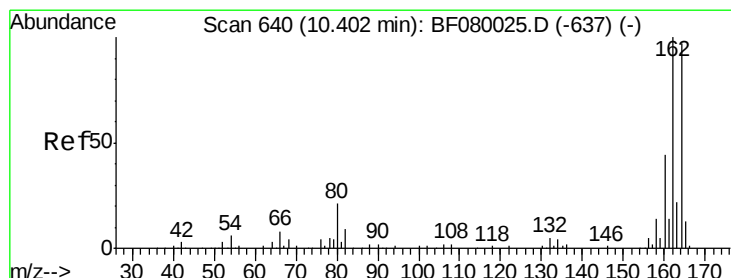
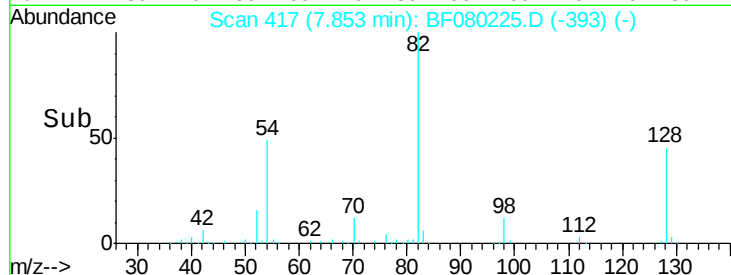
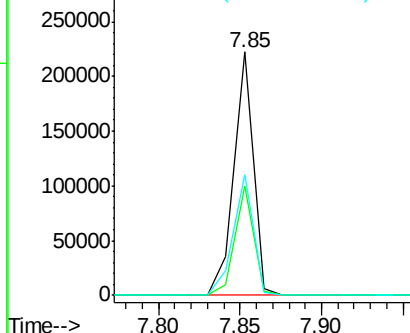
#23
 Nitrobenzene-d5
 Concen: 96.28 ng
 RT: 7.85 min Scan# 417
 Delta R.T. -0.02 min
 Lab File: BF080225.D
 Acq: 30 Jun 2015 2:15

Instrument :
 BNA_F
 ClientSampleId :
 SOIL

Tgt Ion: 82 Resp: 181886
 Ion Ratio Lower Upper
 82 100
 128 45.0 51.0 76.6#
 54 49.4 47.5 71.3

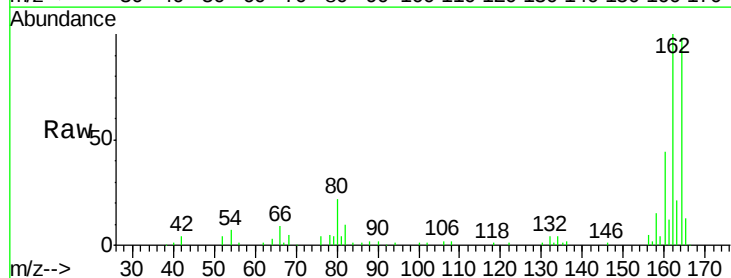


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

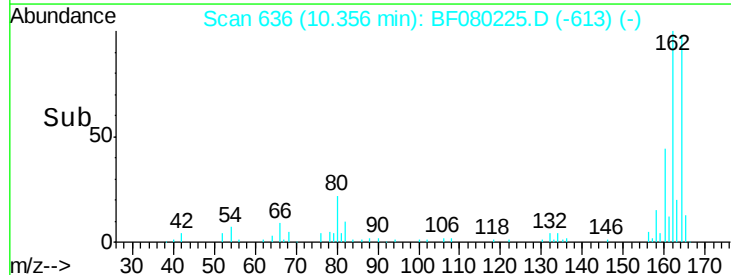
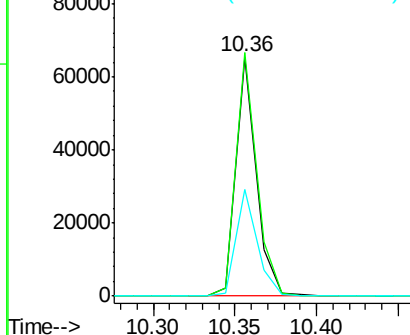


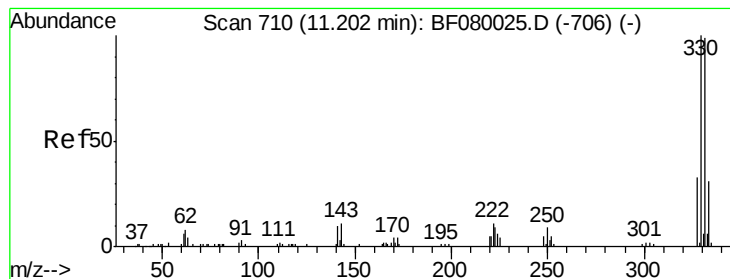
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.36 min Scan# 636
 Delta R.T. -0.03 min
 Lab File: BF080225.D
 Acq: 30 Jun 2015 2:15

Tgt Ion: 164 Resp: 55644
 Ion Ratio Lower Upper
 164 100
 162 102.1 75.2 112.8
 160 44.6 31.5 47.3



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

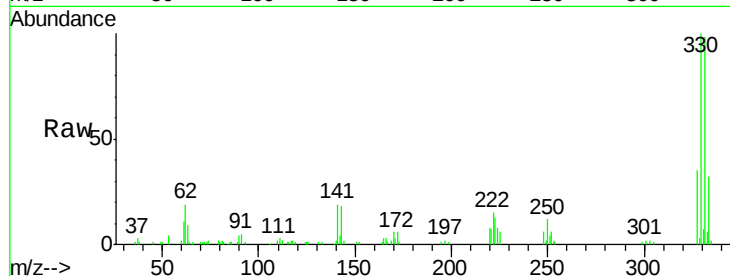




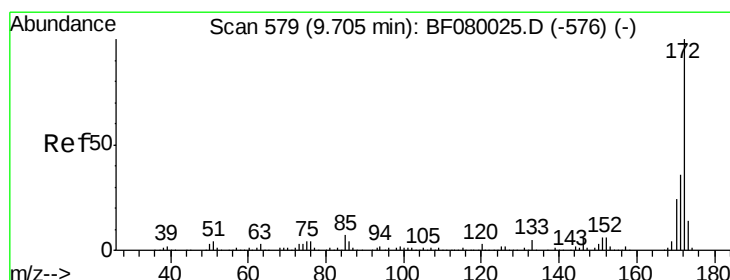
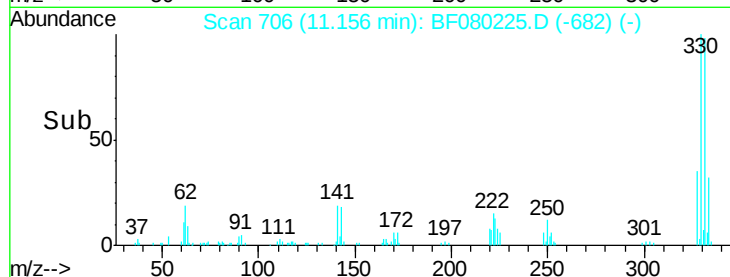
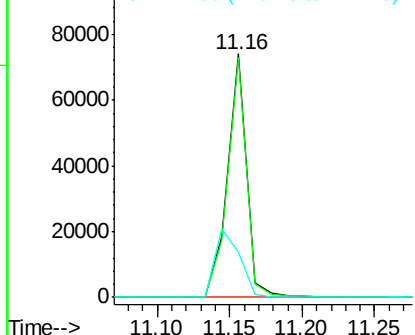
#41
 2,4,6-Tribromophenol
 Concen: 125.10 ng
 RT: 11.16 min Scan# 706
 Delta R.T. -0.02 min
 Lab File: BF080225.D
 Acq: 30 Jun 2015 2:15

Instrument :
 BNA_F
 ClientSampleId :
 SOIL

Tgt Ion: 330 Resp: 68066
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 114.8
 141 36.1 29.7 44.5

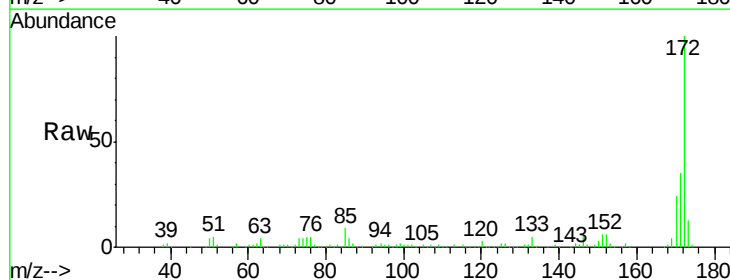


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

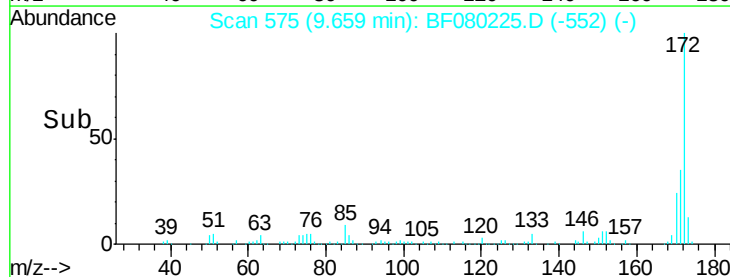
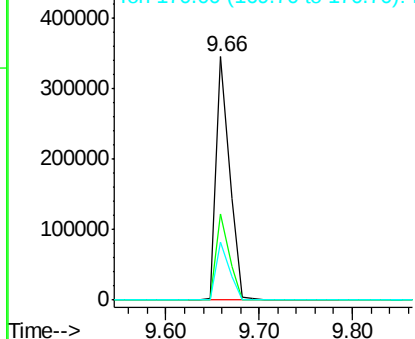


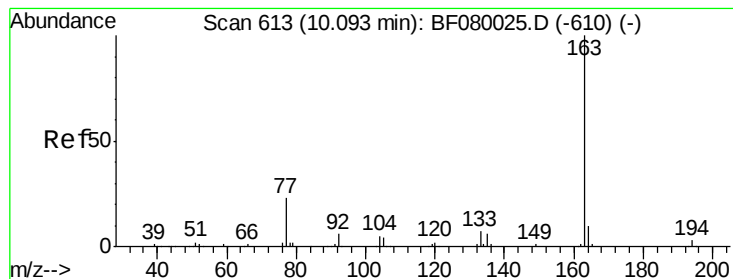
#44
 2-Fluorobiphenyl
 Concen: 88.42 ng
 RT: 9.66 min Scan# 575
 Delta R.T. -0.03 min
 Lab File: BF080225.D
 Acq: 30 Jun 2015 2:15

Tgt Ion: 172 Resp: 345020
 Ion Ratio Lower Upper
 172 100
 171 35.5 26.1 39.1
 170 23.6 17.4 26.2



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





#49

Dimethylphthalate

Concen: 11.00 ng

RT: 10.05 min Scan# 609

Delta R.T. -0.03 min

Lab File: BF080225.D

Acq: 30 Jun 2015 2:15

Instrument :

BNA_F

ClientSampleId :

SOIL

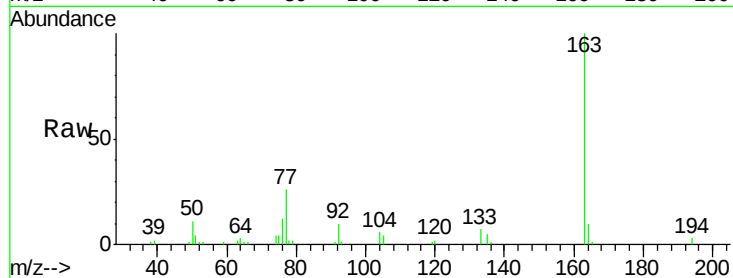
Tgt Ion:163 Resp: 46004

Ion Ratio Lower Upper

163 100

194 3.4 4.4 6.6#

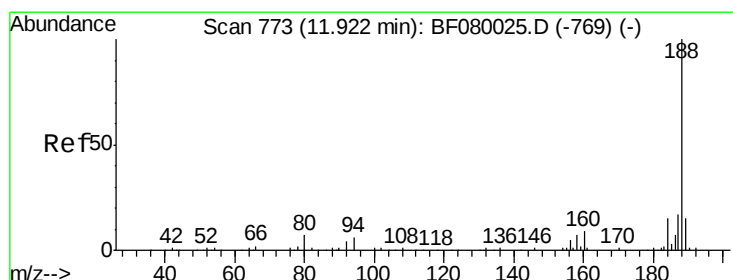
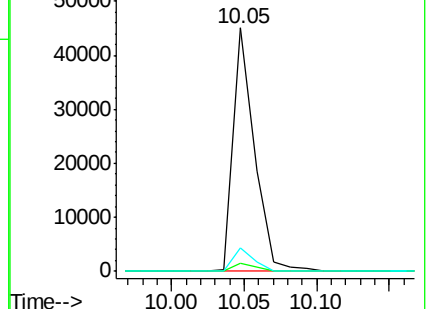
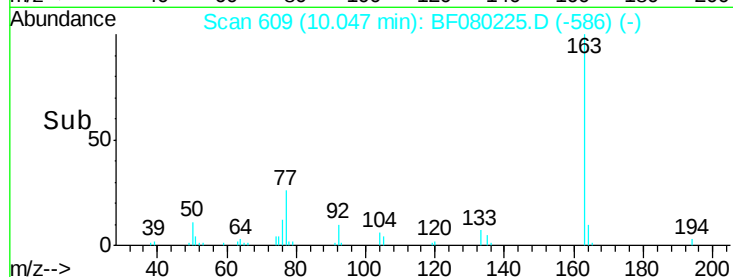
164 9.9 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.86 min Scan# 768

Delta R.T. -0.05 min

Lab File: BF080225.D

Acq: 30 Jun 2015 2:15

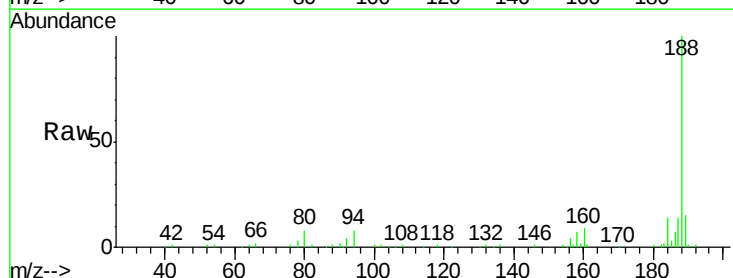
Tgt Ion:188 Resp: 110905

Ion Ratio Lower Upper

188 100

94 7.6 11.1 16.7#

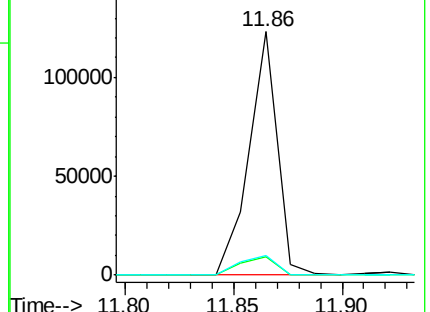
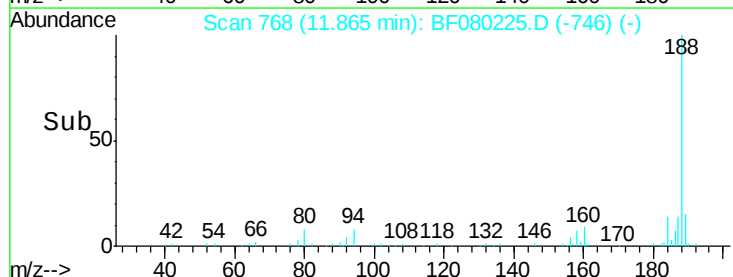
80 7.9 11.0 16.4#

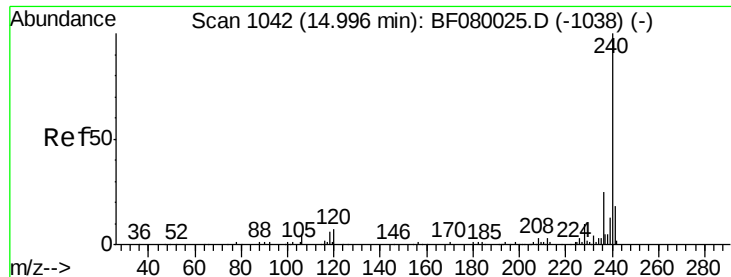


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.77 min Scan# 1022

Delta R.T. -0.23 min

Lab File: BF080225.D

Acq: 30 Jun 2015 2:15

Instrument :

BNA_F

ClientSampled :

SOIL

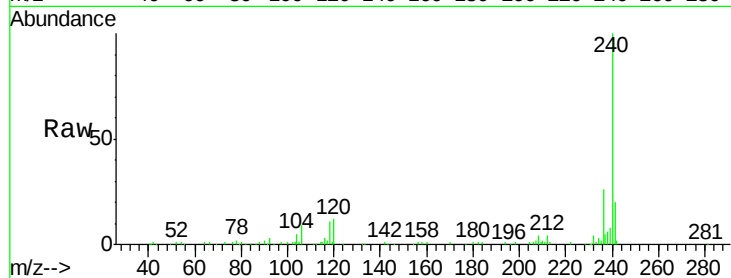
Tgt Ion:240 Resp: 120041

Ion Ratio Lower Upper

240 100

120 12.1 16.2 24.2#

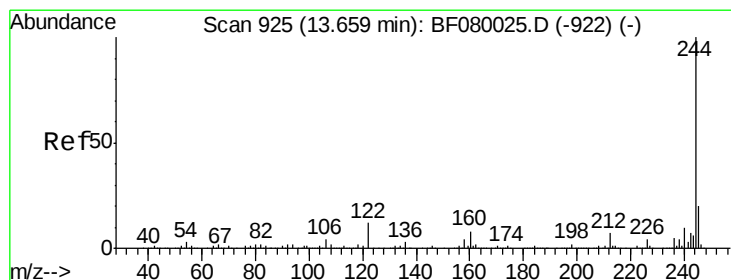
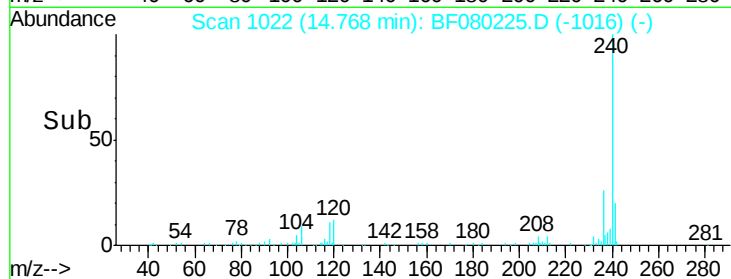
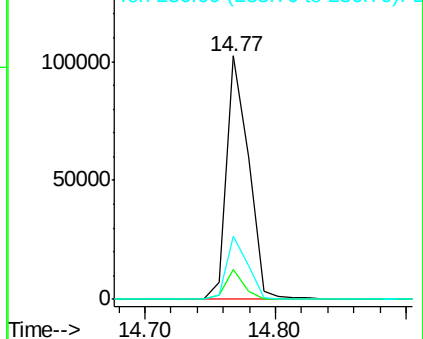
236 25.7 18.4 27.6



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: 76.84 ng

RT: 13.52 min Scan# 913

Delta R.T. -0.15 min

Lab File: BF080225.D

Acq: 30 Jun 2015 2:15

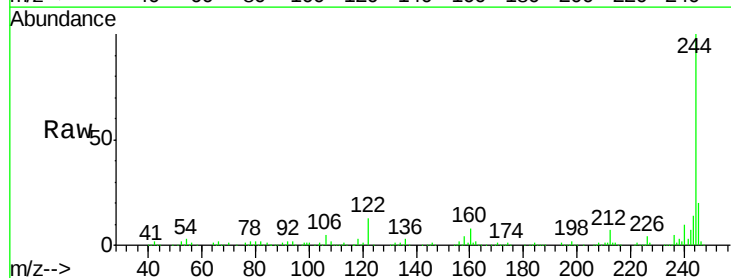
Tgt Ion:244 Resp: 394943

Ion Ratio Lower Upper

244 100

212 7.3 4.3 6.5#

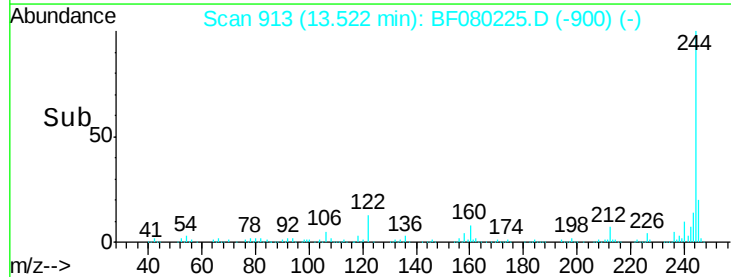
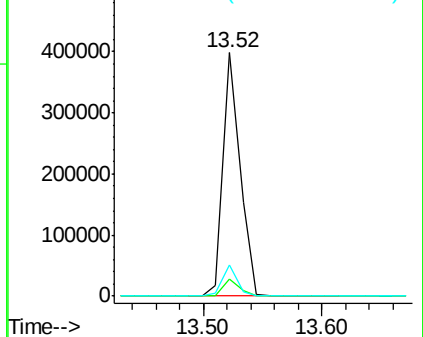
122 13.0 17.4 26.2#

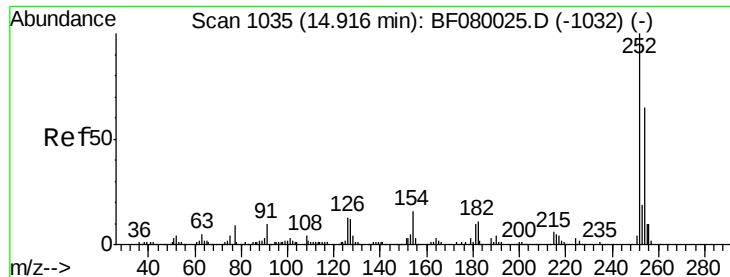


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

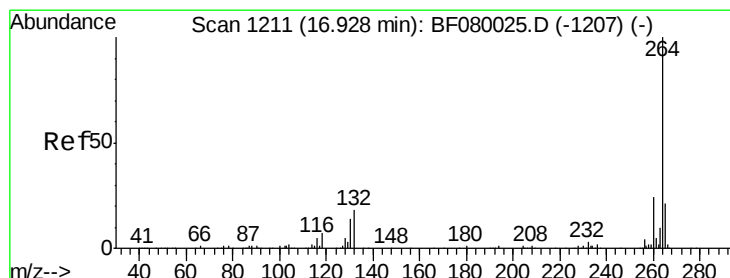
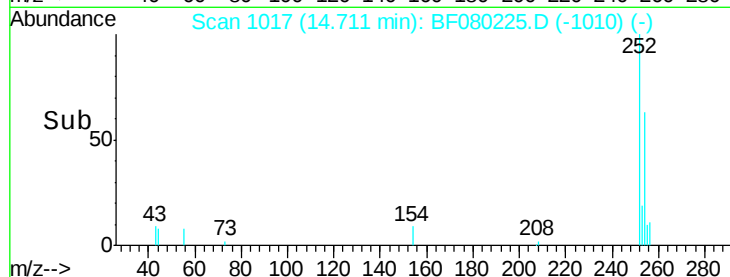
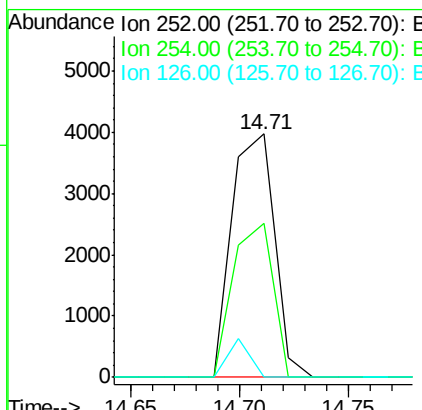
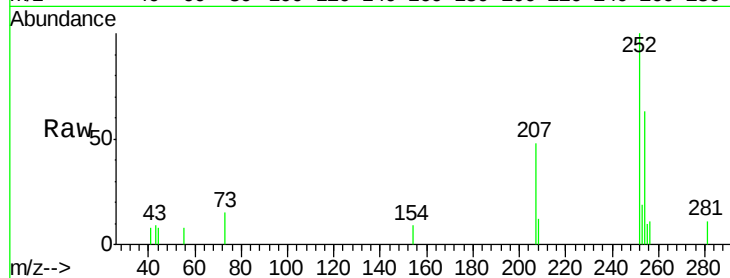




#81
 3,3'-Dichlorobenzidine
 Concen: 2.15 ng
 RT: 14.71 min Scan# 1017
 Delta R.T. -0.22 min
 Lab File: BF080225.D
 Acq: 30 Jun 2015 2:15

Instrument :
 BNA_F
 ClientSampled :
 SOIL

Tgt Ion: 252 Resp: 5413
 Ion Ratio Lower Upper
 252 100
 254 63.1 51.4 77.2
 126 0.0 16.4 24.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.62 min Scan# 1184
 Delta R.T. -0.31 min
 Lab File: BF080225.D
 Acq: 30 Jun 2015 2:15

Tgt Ion: 264 Resp: 124202
 Ion Ratio Lower Upper
 264 100
 260 22.6 16.7 25.1
 265 21.3 17.2 25.8

