

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062915\
 Data File : BF080211.D
 Acq On : 29 Jun 2015 17:37
 Operator : TP/IZ
 Sample : G2813-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-T

Quant Time: Jun 30 02:58:07 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	31136	20.00	ng	-0.03
21) Naphthalene-d8	8.58	136	126043	20.00	ng	-0.03
38) Acenaphthene-d10	10.36	164	61807	20.00	ng	-0.03
63) Phenanthrene-d10	11.86	188	120010	20.00	ng	-0.05
75) Chrysene-d12	14.81	240	128403	20.00	ng	-0.18
86) Perylene-d12	16.69	264	126789	20.00	ng	-0.24
System Monitoring Compounds						
5) 2-Fluorophenol	5.91	112	251428	142.94	ng	-0.02
7) Phenol-d6	6.90	99	292068	124.78	ng	-0.02
23) Nitrobenzene-d5	7.85	82	220052	101.64	ng	-0.02
41) 2,4,6-Tribromophenol	11.16	330	88497	146.43	ng	-0.02
44) 2-Fluorobiphenyl	9.66	172	425984	98.29	ng	-0.03
78) Terphenyl-d14	13.54	244	538947	98.03	ng	-0.13

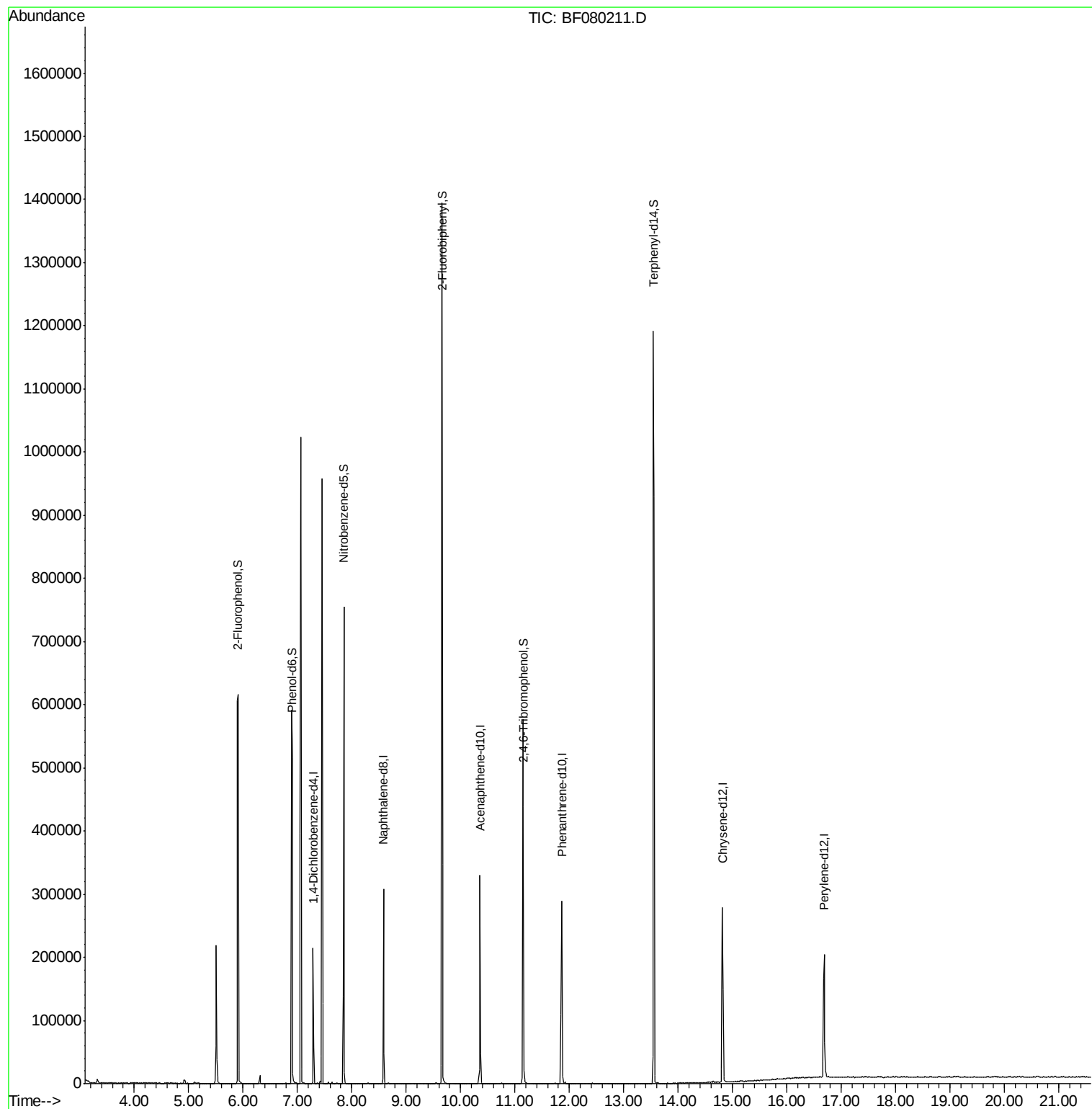
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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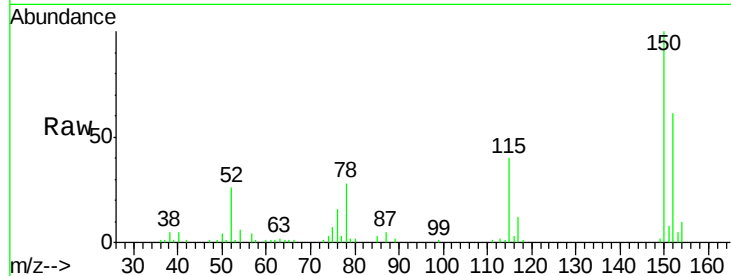


#1

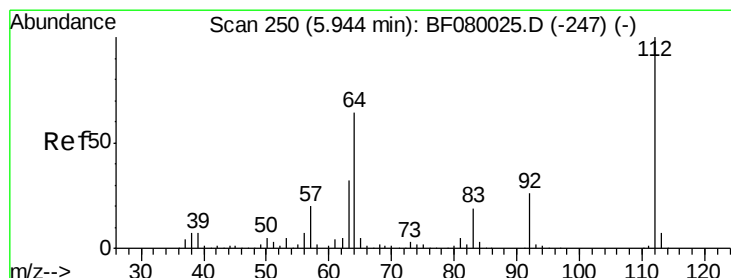
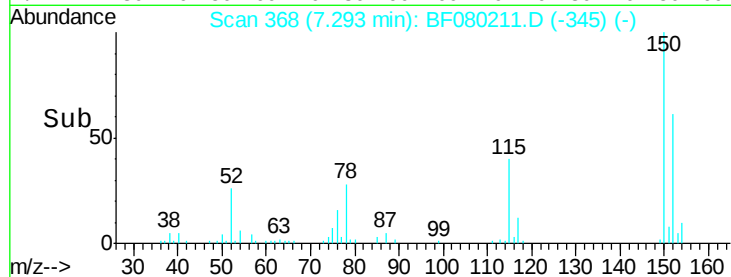
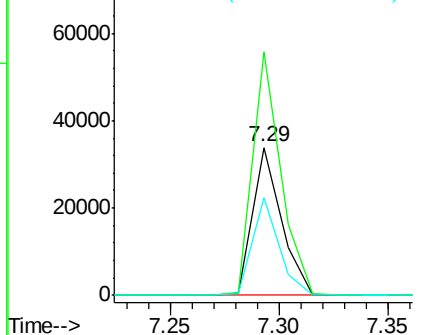
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.29 min Scan# 368
 Delta R.T. -0.03 min
 Lab File: BF080211.D
 Acq: 29 Jun 2015 17:37

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-T

Tgt Ion:152 Resp: 31136
 Ion Ratio Lower Upper
 152 100
 150 164.4 124.7 187.1
 115 65.6 39.0 58.4#



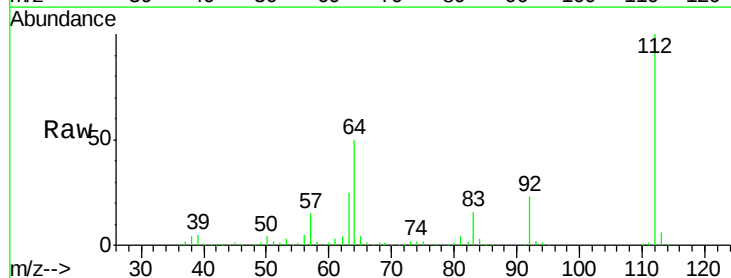
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



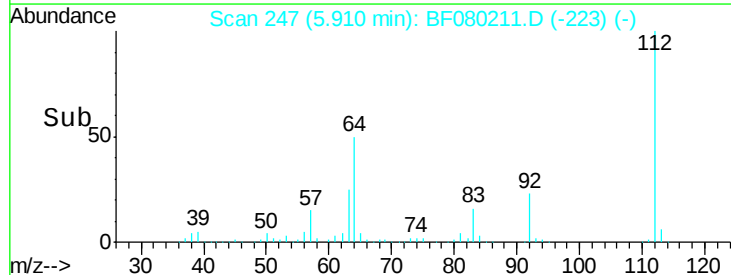
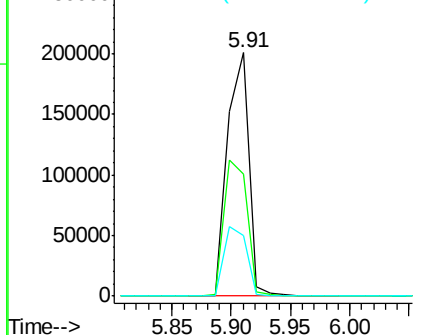
#5

2-Fluorophenol
 Concen: 142.94 ng
 RT: 5.91 min Scan# 247
 Delta R.T. -0.02 min
 Lab File: BF080211.D
 Acq: 29 Jun 2015 17:37

Tgt Ion:112 Resp: 251428
 Ion Ratio Lower Upper
 112 100
 64 50.2 39.7 59.5
 63 24.9 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: 124.78 ng

RT: 6.90 min Scan# 334

Delta R.T. -0.02 min

Lab File: BF080211.D

Acq: 29 Jun 2015 17:37

Instrument :

BNA_F

ClientSampleId :

SOIL-STOCKPILE-T

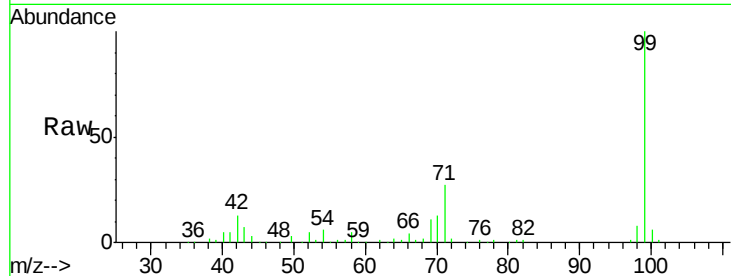
Tgt Ion: 99 Resp: 292068

Ion Ratio Lower Upper

99 100

42 12.7 13.7 20.5#

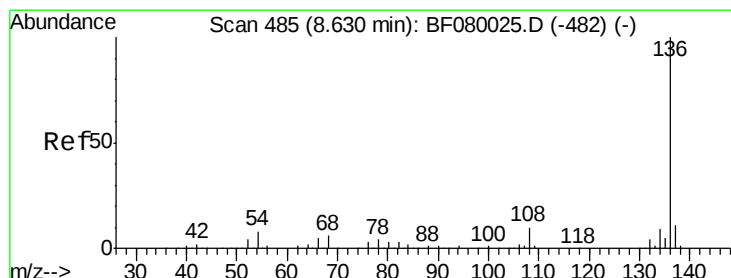
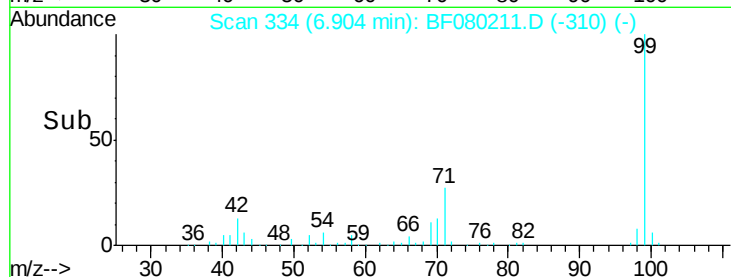
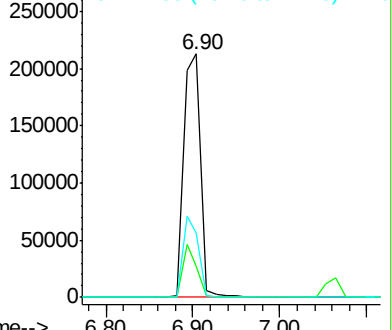
71 26.7 14.2 21.2#



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: 8.58 min Scan# 481

Delta R.T. -0.03 min

Lab File: BF080211.D

Acq: 29 Jun 2015 17:37

Tgt Ion: 136 Resp: 126043

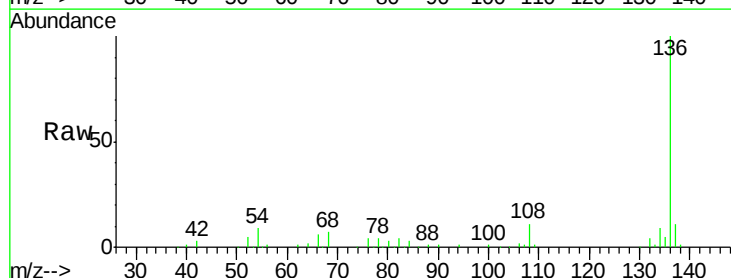
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.6

54 9.0 8.2 12.2

68 6.9 5.8 8.6

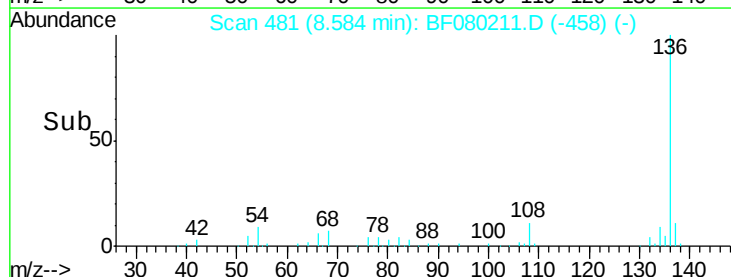
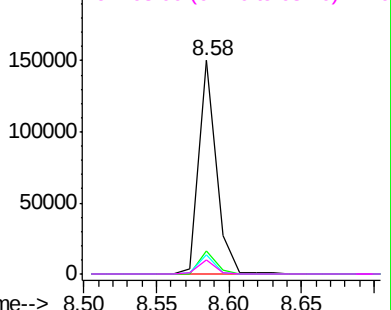


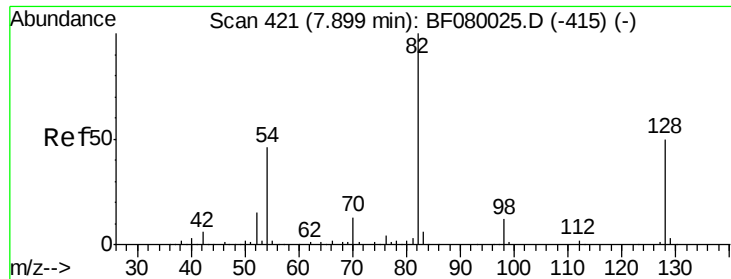
Abundance Ion 136.00 (135.70 to 136.70): E

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

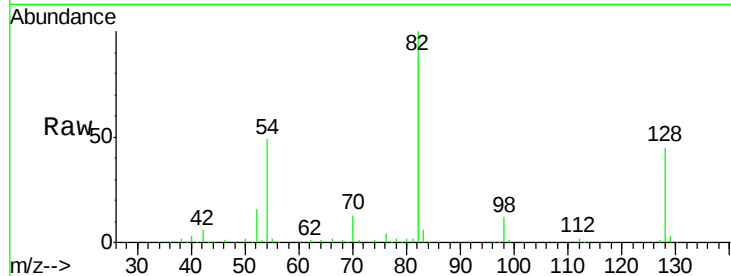




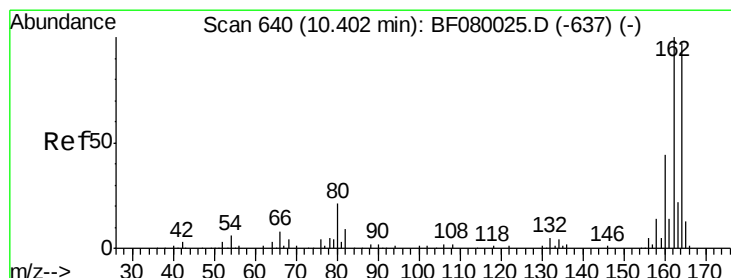
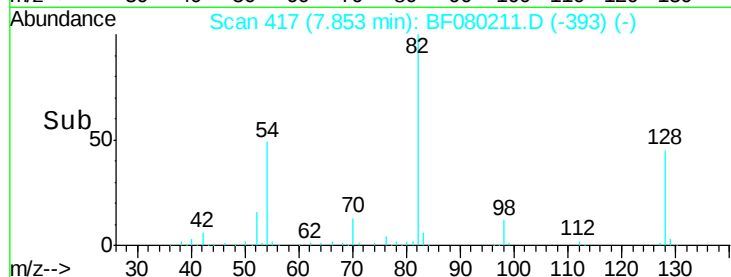
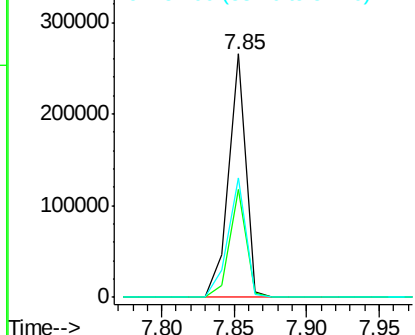
#23
 Nitrobenzene-d5
 Concen: 101.64 ng
 RT: 7.85 min Scan# 417
 Delta R.T. -0.02 min
 Lab File: BF080211.D
 Acq: 29 Jun 2015 17:37

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-T

Tgt Ion: 82 Resp: 220052
 Ion Ratio Lower Upper
 82 100
 128 44.5 51.0 76.6#
 54 48.9 47.5 71.3

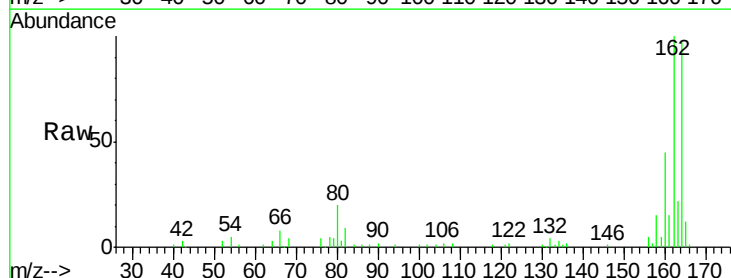


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

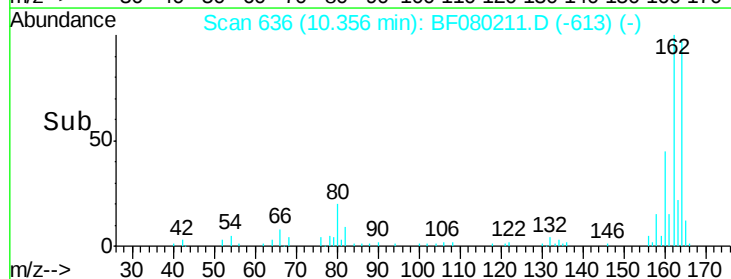
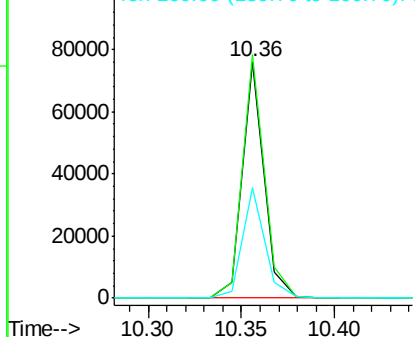


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.36 min Scan# 636
 Delta R.T. -0.03 min
 Lab File: BF080211.D
 Acq: 29 Jun 2015 17:37

Tgt Ion:164 Resp: 61807
 Ion Ratio Lower Upper
 164 100
 162 103.0 75.2 112.8
 160 46.6 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

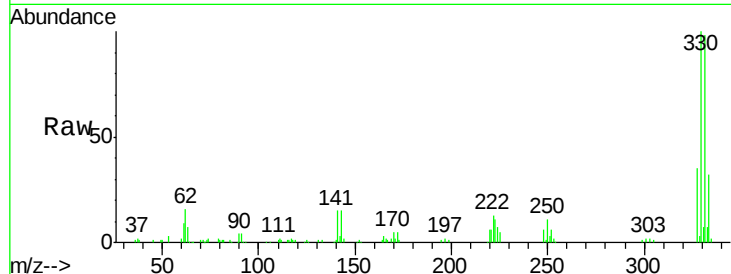




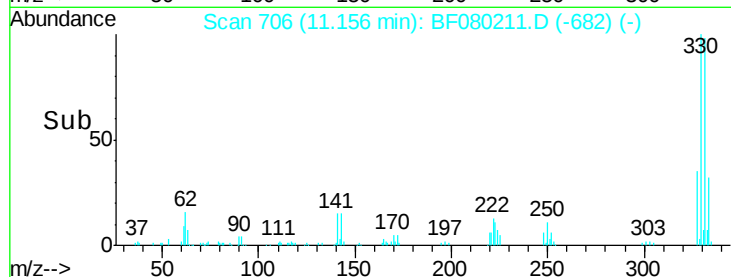
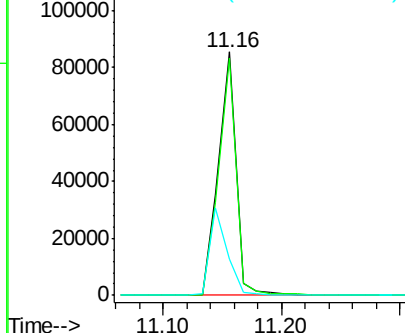
#41
 2,4,6-Tribromophenol
 Concen: 146.43 ng
 RT: 11.16 min Scan# 706
 Delta R.T. -0.02 min
 Lab File: BF080211.D
 Acq: 29 Jun 2015 17:37

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-T

Tgt Ion:330 Resp: 88497
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.6 114.8
 141 35.5 29.7 44.5

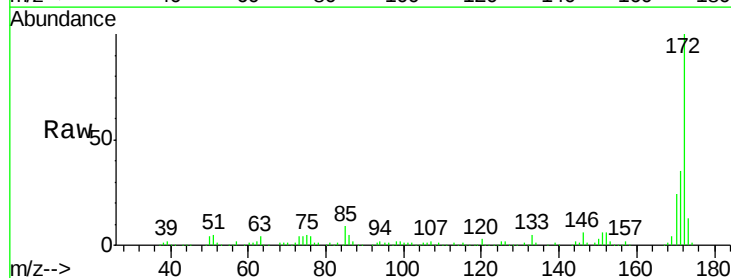


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

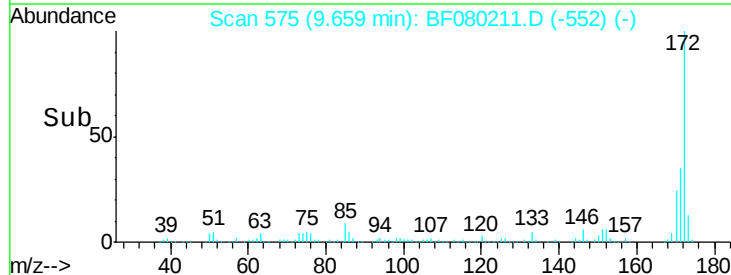
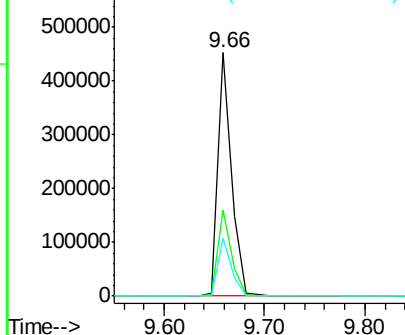


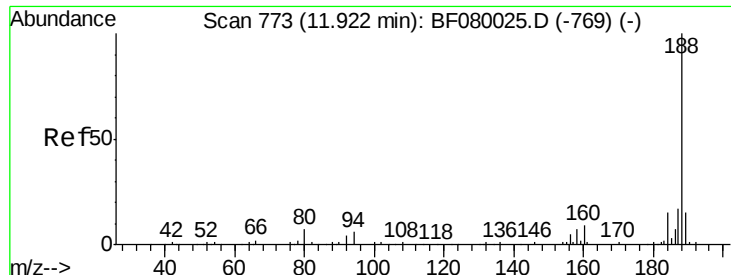
#44
 2-Fluorobiphenyl
 Concen: 98.29 ng
 RT: 9.66 min Scan# 575
 Delta R.T. -0.03 min
 Lab File: BF080211.D
 Acq: 29 Jun 2015 17:37

Tgt Ion:172 Resp: 425984
 Ion Ratio Lower Upper
 172 100
 171 35.3 26.1 39.1
 170 24.0 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

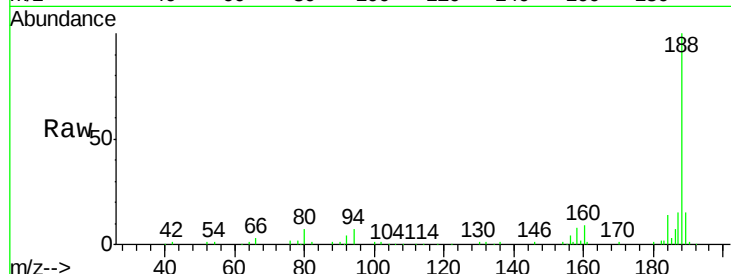




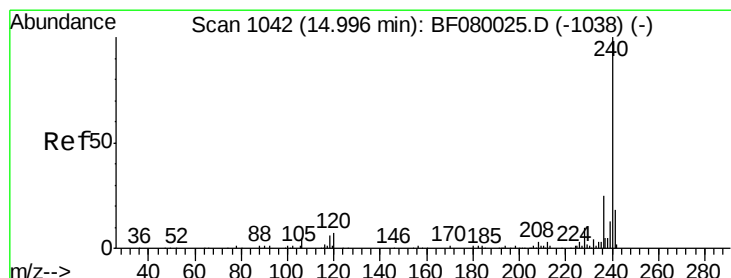
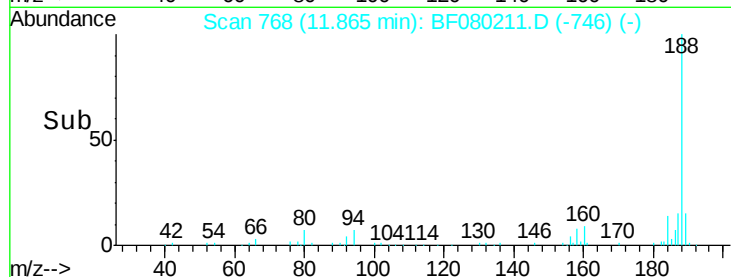
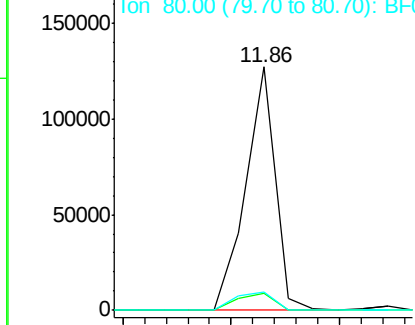
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.86 min Scan# 768
Delta R.T. -0.05 min
Lab File: BF080211.D
Acq: 29 Jun 2015 17:37

Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-T

Tgt Ion:188 Resp: 120010
Ion Ratio Lower Upper
188 100
94 6.9 11.1 16.7#
80 7.4 11.0 16.4#

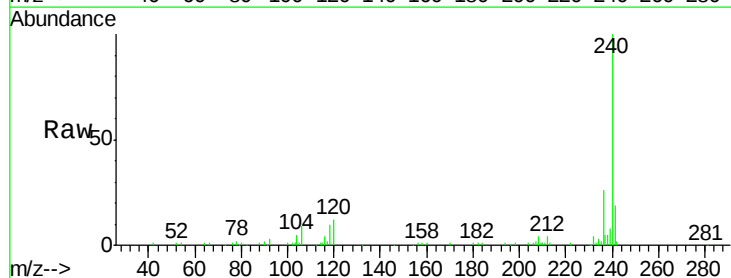


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

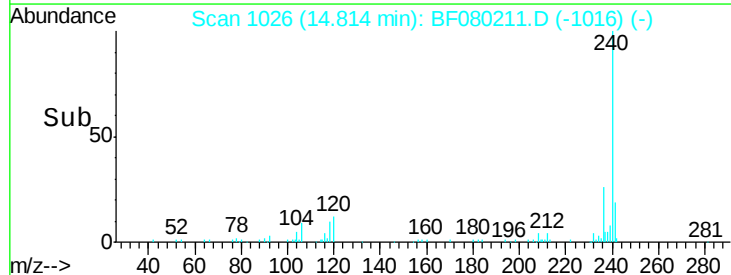
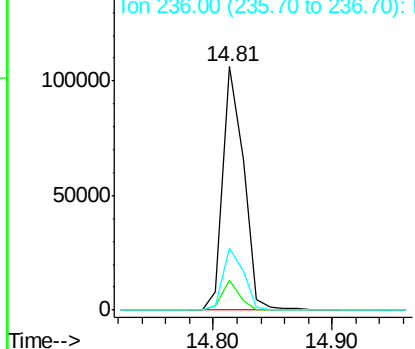


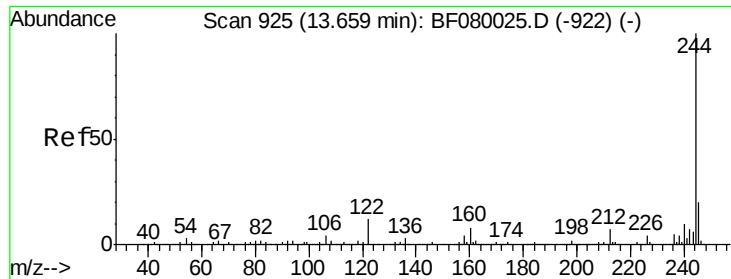
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.81 min Scan# 1026
Delta R.T. -0.18 min
Lab File: BF080211.D
Acq: 29 Jun 2015 17:37

Tgt Ion:240 Resp: 128403
Ion Ratio Lower Upper
240 100
120 12.3 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

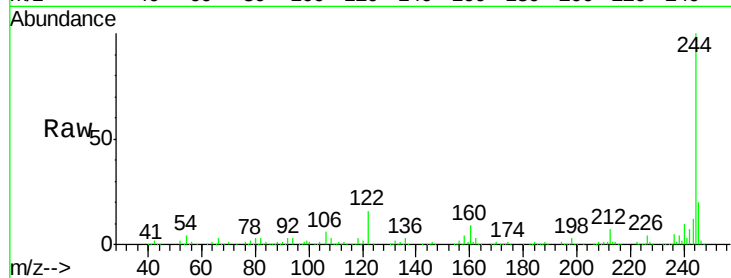




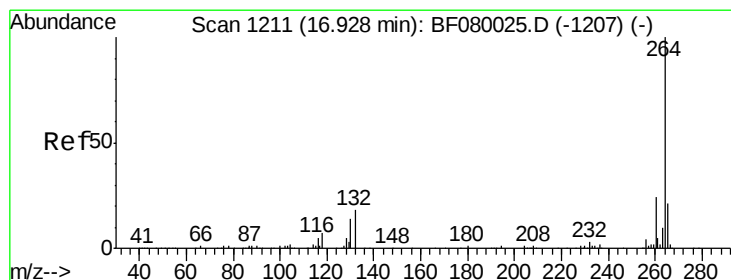
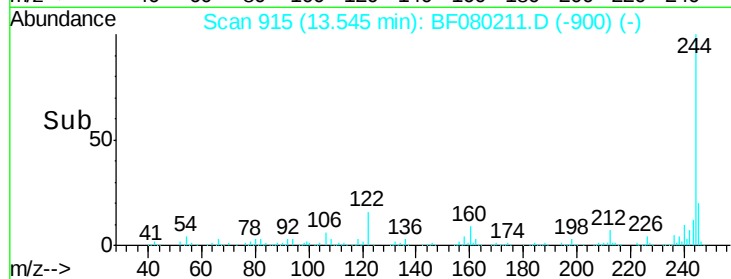
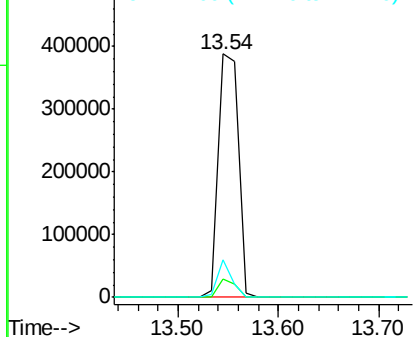
#78
 Terphenyl-d14
 Concen: 98.03 ng
 RT: 13.54 min Scan# 915
 Delta R.T. -0.13 min
 Lab File: BF080211.D
 Acq: 29 Jun 2015 17:37

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-T

Tgt Ion:244 Resp: 538947
 Ion Ratio Lower Upper
 244 100
 212 7.4 4.3 6.5#
 122 15.7 17.4 26.2#

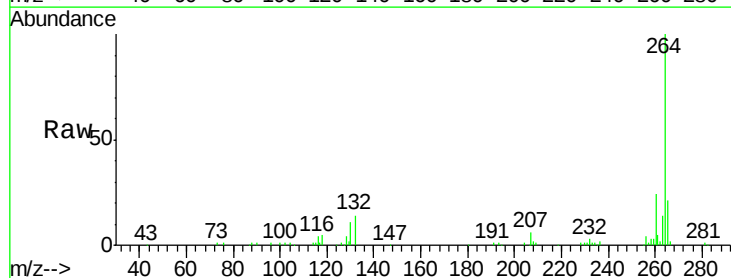


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.69 min Scan# 1190
 Delta R.T. -0.24 min
 Lab File: BF080211.D
 Acq: 29 Jun 2015 17:37

Tgt Ion:264 Resp: 126789
 Ion Ratio Lower Upper
 264 100
 260 23.8 16.7 25.1
 265 21.5 17.2 25.8



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

