

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073115\
 Data File : BF080758.D
 Acq On : 1 Aug 2015 3:35
 Operator : TP/UM
 Sample : G3115-01
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPAN19-SOIL

Quant Time: Aug 01 04:22:18 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 31 01:45:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	131324	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	502066	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	233214	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	474961	20.00	ng	0.00
75) Chrysene-d12	14.00	240	303394	20.00	ng	0.00
86) Perylene-d12	15.40	264	254627	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	925116	120.85	ng	0.02
7) Phenol-d6	6.49	99	1363457	130.83	ng	0.00
23) Nitrobenzene-d5	7.41	82	942458	90.90	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	390435	161.34	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1592253	101.86	ng	-0.01
78) Terphenyl-d14	12.96	244	1729629	107.82	ng	0.00

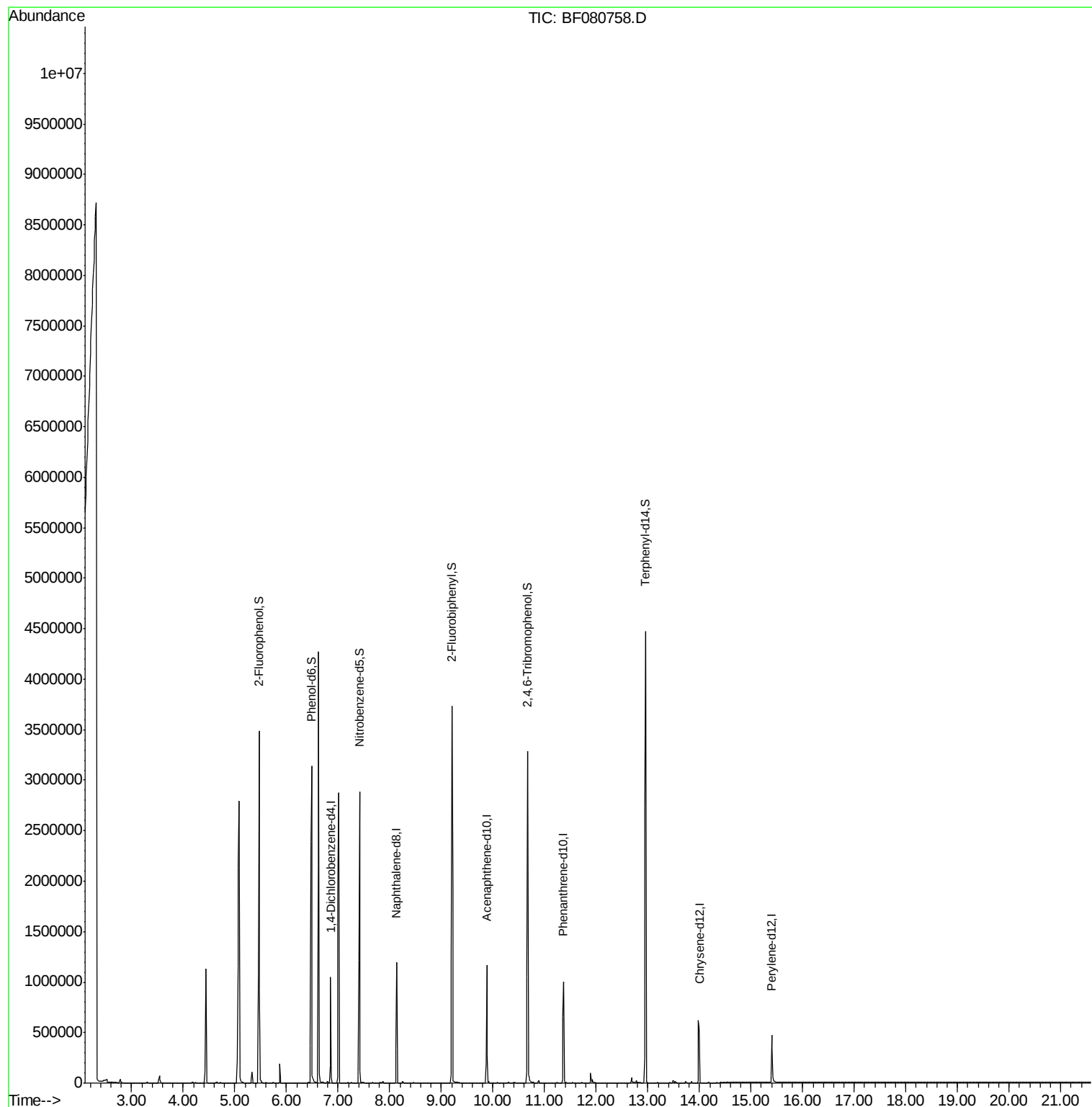
Target Compounds	Qvalue
------------------	--------

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073115\
Data File : BF080758.D
Acq On : 1 Aug 2015 3:35
Operator : TP/UM
Sample : G3115-01
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SPAN19-SOIL

Quant Time: Aug 01 04:22:18 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 31 01:45:22 2015
Response via : Initial Calibration

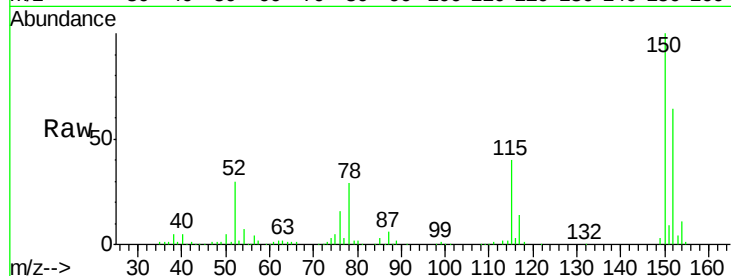




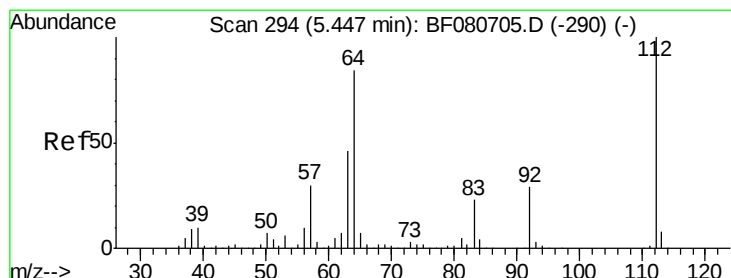
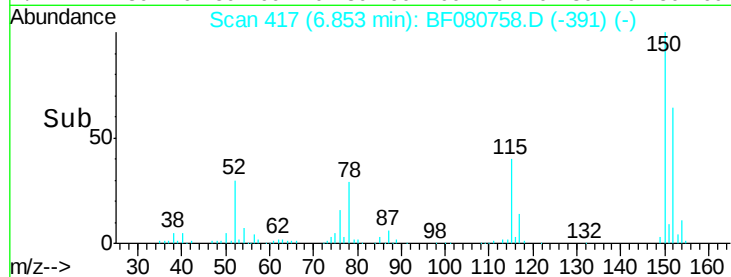
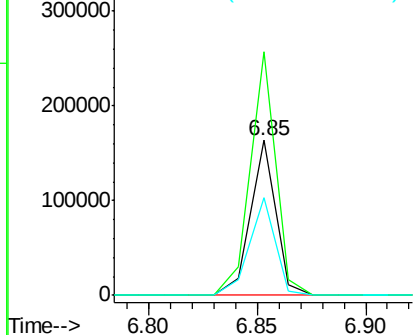
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: BF080758.D
 Acq: 1 Aug 2015 3:35

Instrument :
 BNA_F
 ClientSampleId :
 SPAN19-SOIL

Tgt Ion:152 Resp: 131324
 Ion Ratio Lower Upper
 152 100
 150 157.4 129.6 194.4
 115 63.6 56.6 85.0

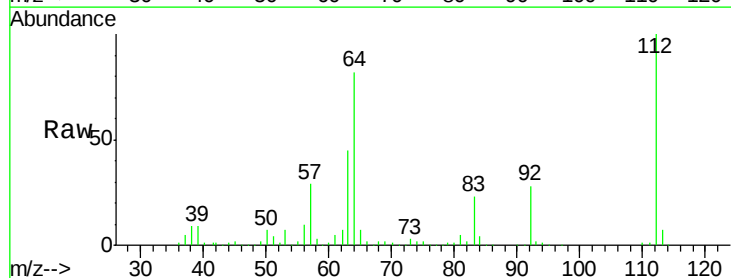


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

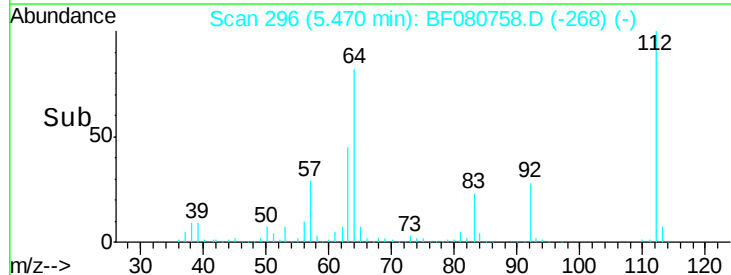
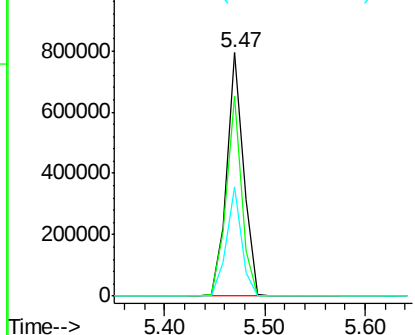


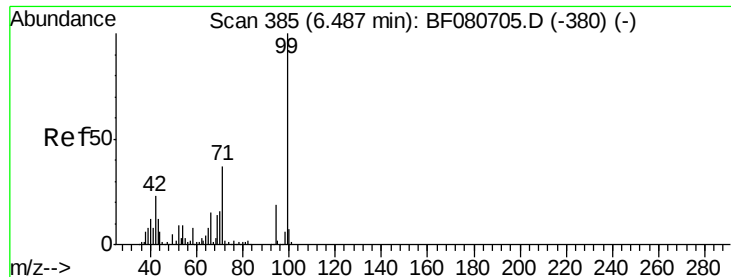
#5
 2-Fluorophenol
 Concen: 120.85 ng
 RT: 5.47 min Scan# 296
 Delta R.T. 0.02 min
 Lab File: BF080758.D
 Acq: 1 Aug 2015 3:35

Tgt Ion:112 Resp: 925116
 Ion Ratio Lower Upper
 112 100
 64 82.1 66.8 100.2
 63 45.0 36.7 55.1



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: 130.83 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF080758.D

Acq: 1 Aug 2015 3:35

Instrument :

BNA_F

ClientSampleId :

SPAN19-SOIL

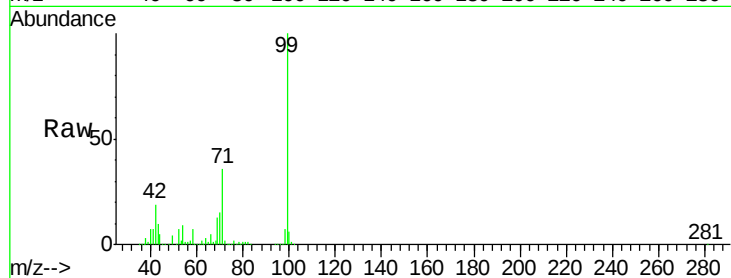
Tgt Ion: 99 Resp: 1363457

Ion Ratio Lower Upper

99 100

42 19.4 18.2 27.2

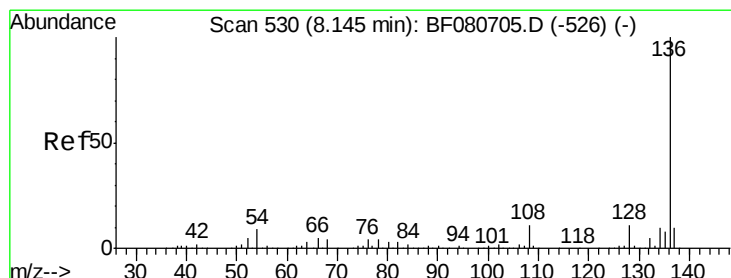
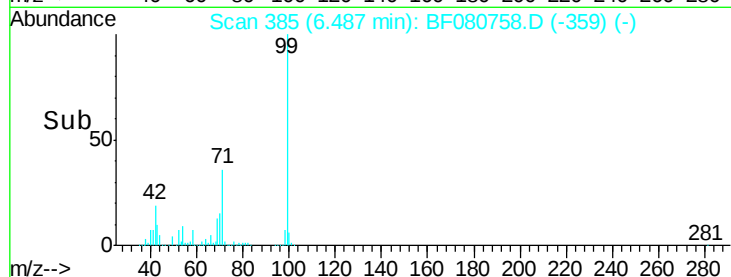
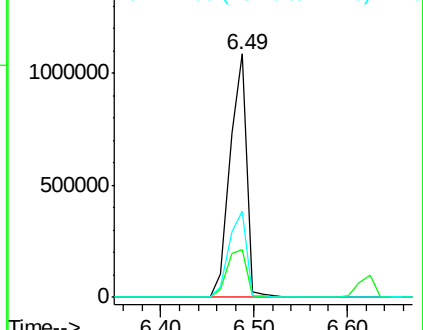
71 35.5 29.5 44.3



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: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF080758.D

Acq: 1 Aug 2015 3:35

Tgt Ion: 136 Resp: 502066

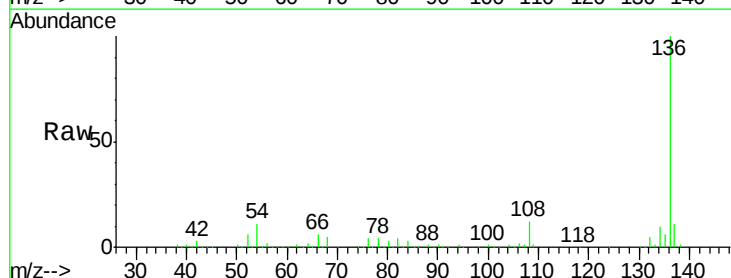
Ion Ratio Lower Upper

136 100

137 10.5 8.4 12.6

54 11.3 6.9 10.3#

68 5.4 3.5 5.3#

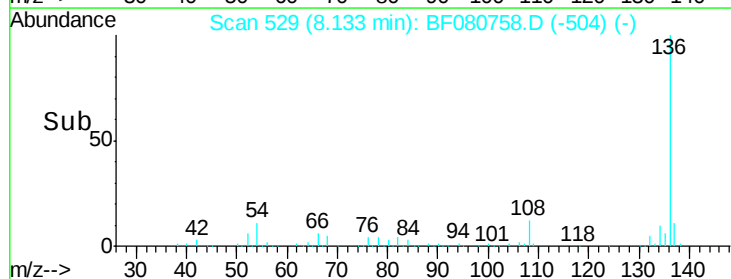
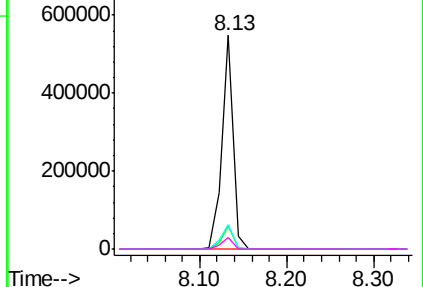


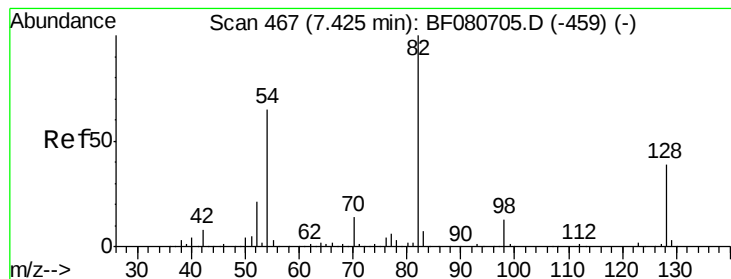
Abundance Ion 136.00 (135.70 to 136.70): E

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: 90.90 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.01 min

Lab File: BF080758.D

Acq: 1 Aug 2015 3:35

Instrument :

BNA_F

ClientSampleId :

SPAN19-SOIL

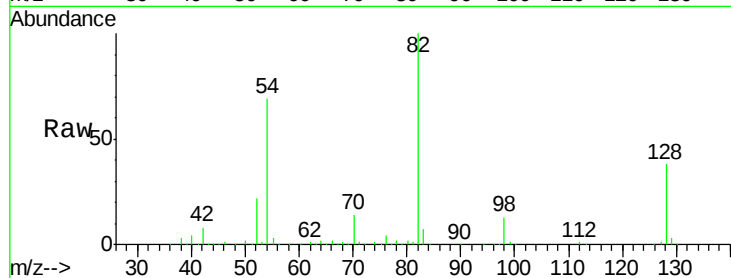
Tgt Ion: 82 Resp: 942458

Ion Ratio Lower Upper

82 100

128 37.6 31.5 47.3

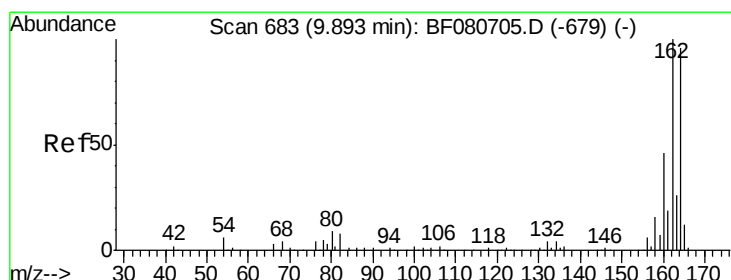
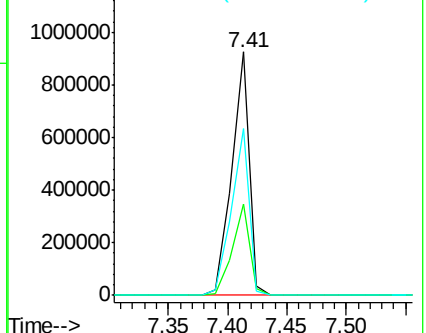
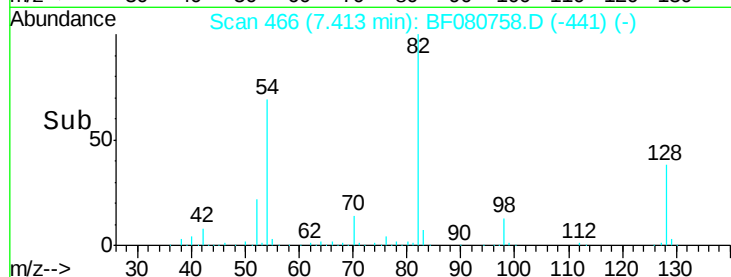
54 68.6 51.8 77.8



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF080758.D

Acq: 1 Aug 2015 3:35

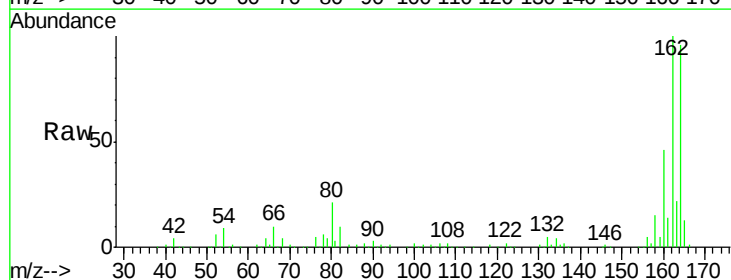
Tgt Ion: 164 Resp: 233214

Ion Ratio Lower Upper

164 100

162 104.3 83.4 125.0

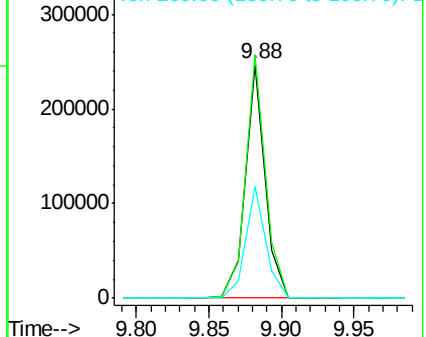
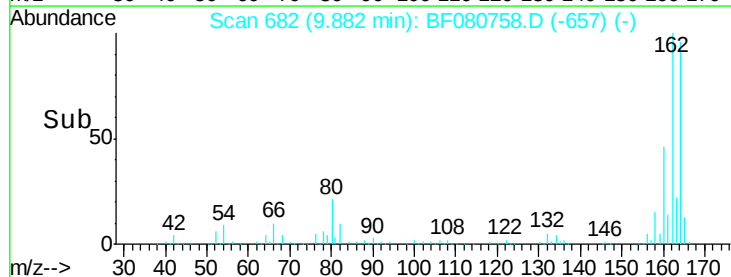
160 47.7 38.0 57.0

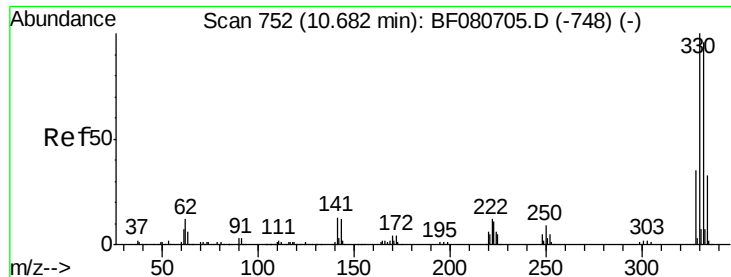


Abundance Ion 164.00 (163.70 to 164.70): BF0

Ion 162.00 (161.70 to 162.70): BF0

Ion 160.00 (159.70 to 160.70): BF0

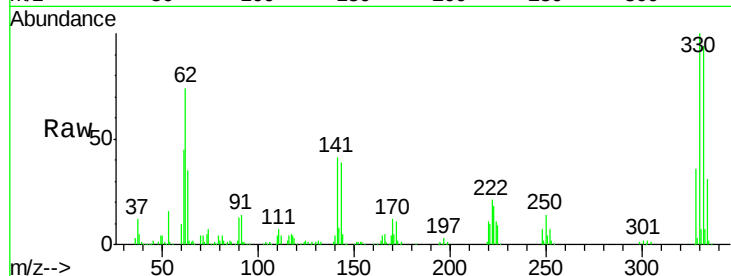




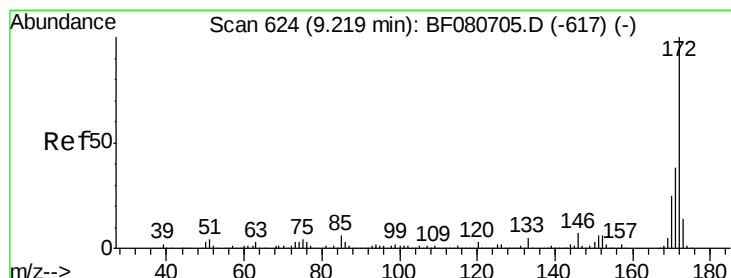
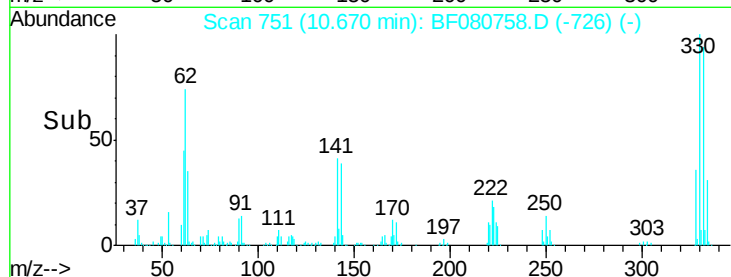
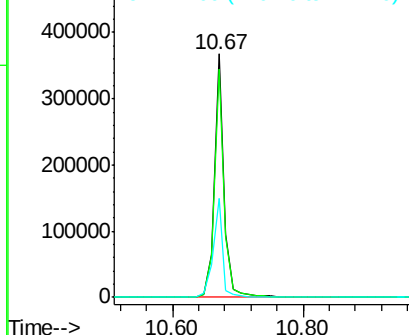
#41
 2,4,6-Tribromophenol
 Concen: 161.34 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF080758.D
 Acq: 1 Aug 2015 3:35

Instrument :
 BNA_F
 ClientSampleId :
 SPAN19-SOIL

Tgt Ion:330 Resp: 390435
 Ion Ratio Lower Upper
 330 100
 332 94.8 76.6 114.8
 141 39.5 26.0 39.0#

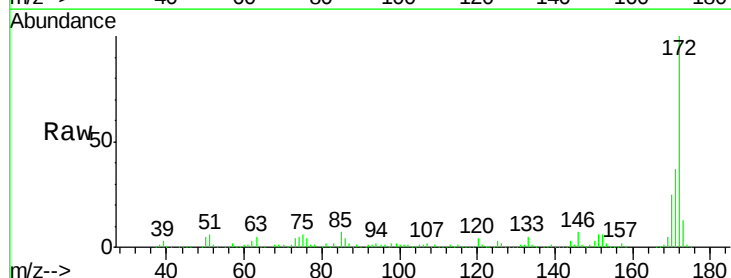


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

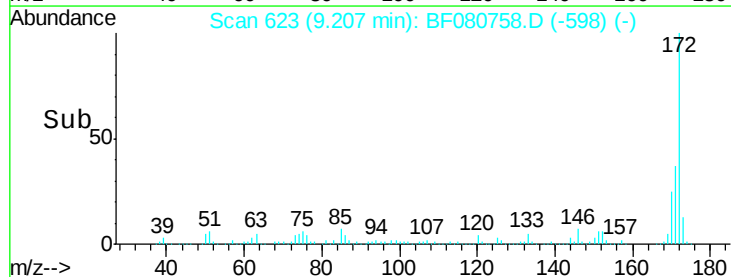
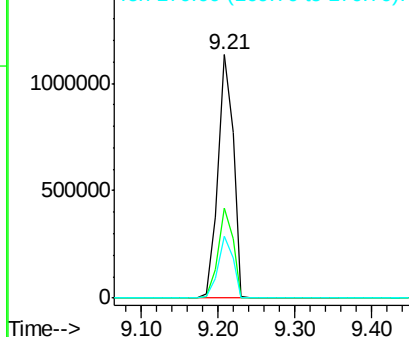


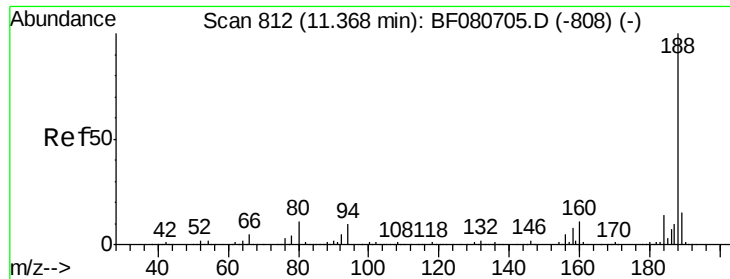
#44
 2-Fluorobiphenyl
 Concen: 101.86 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF080758.D
 Acq: 1 Aug 2015 3:35

Tgt Ion:172 Resp: 1592253
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.2 45.4
 170 25.3 20.2 30.2



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

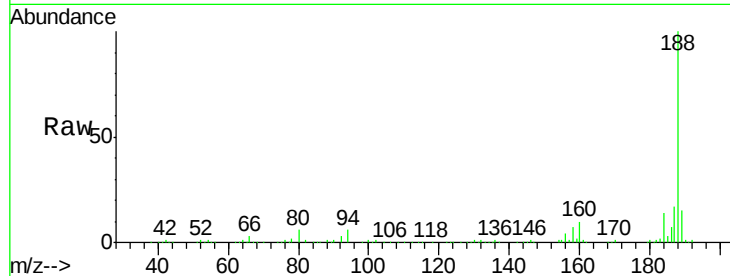




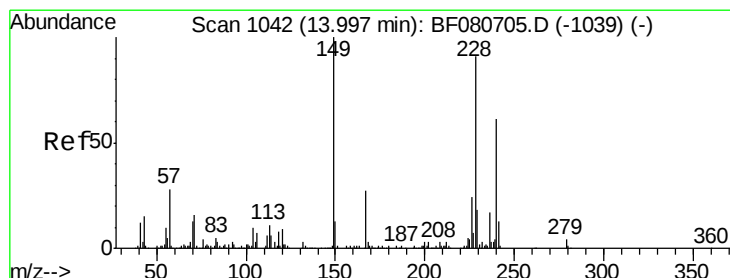
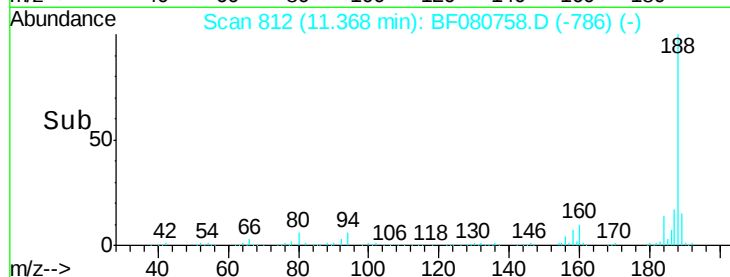
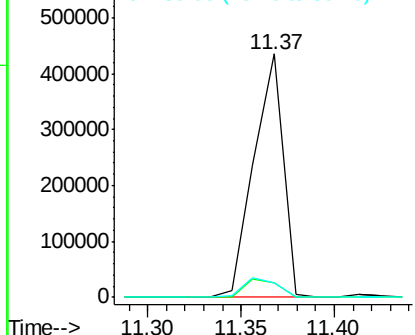
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF080758.D
Acq: 1 Aug 2015 3:35

Instrument :
BNA_F
ClientSampleId :
SPAN19-SOIL

Tgt Ion:188 Resp: 474961
Ion Ratio Lower Upper
188 100
94 5.7 8.1 12.1#
80 6.0 9.1 13.7#

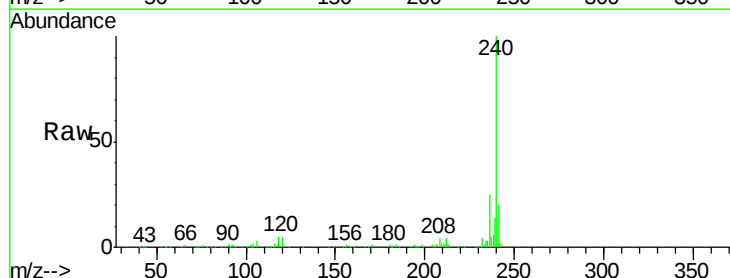


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

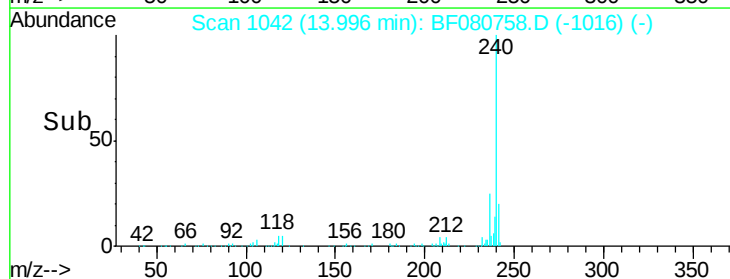
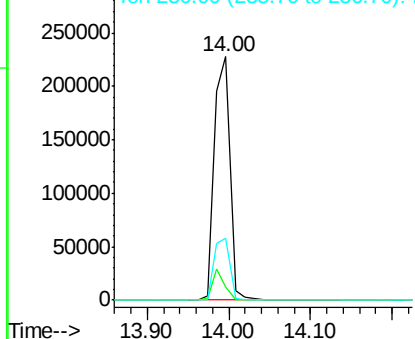


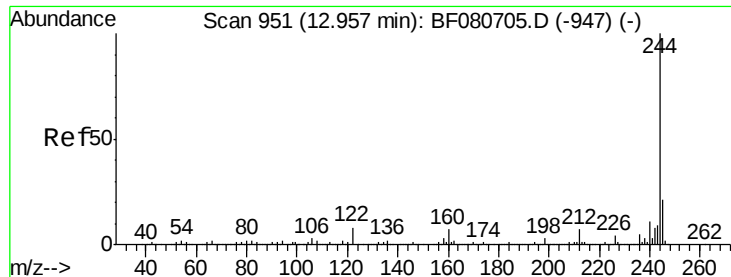
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF080758.D
Acq: 1 Aug 2015 3:35

Tgt Ion:240 Resp: 303394
Ion Ratio Lower Upper
240 100
120 5.5 11.8 17.8#
236 25.5 21.8 32.8



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: 107.82 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF080758.D

Acq: 1 Aug 2015 3:35

Instrument :

BNA_F

ClientSampleId :

SPAN19-SOIL

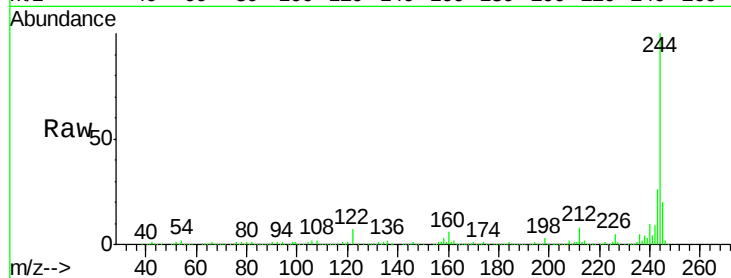
Tgt Ion:244 Resp: 1729629

Ion Ratio Lower Upper

244 100

212 7.8 5.9 8.9

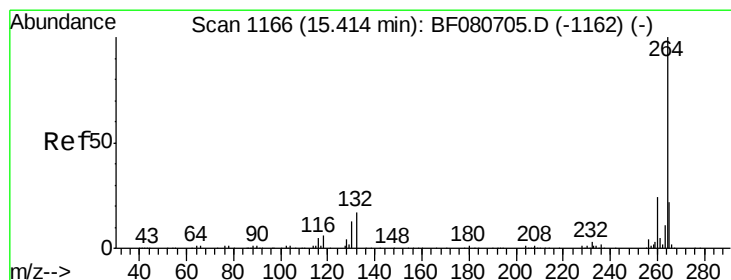
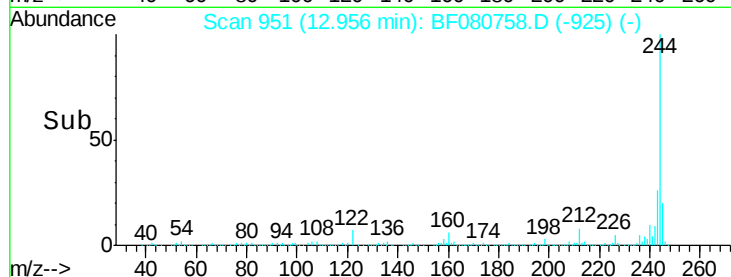
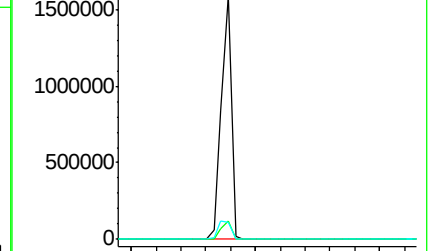
122 7.2 6.6 9.8



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: 15.40 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF080758.D

Acq: 1 Aug 2015 3:35

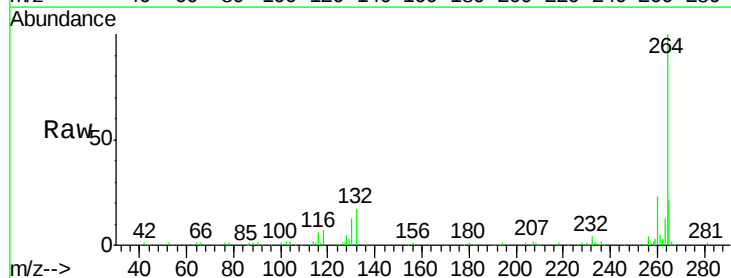
Tgt Ion:264 Resp: 254627

Ion Ratio Lower Upper

264 100

260 22.8 19.4 29.0

265 20.8 17.3 25.9



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

