

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 04:07:13 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

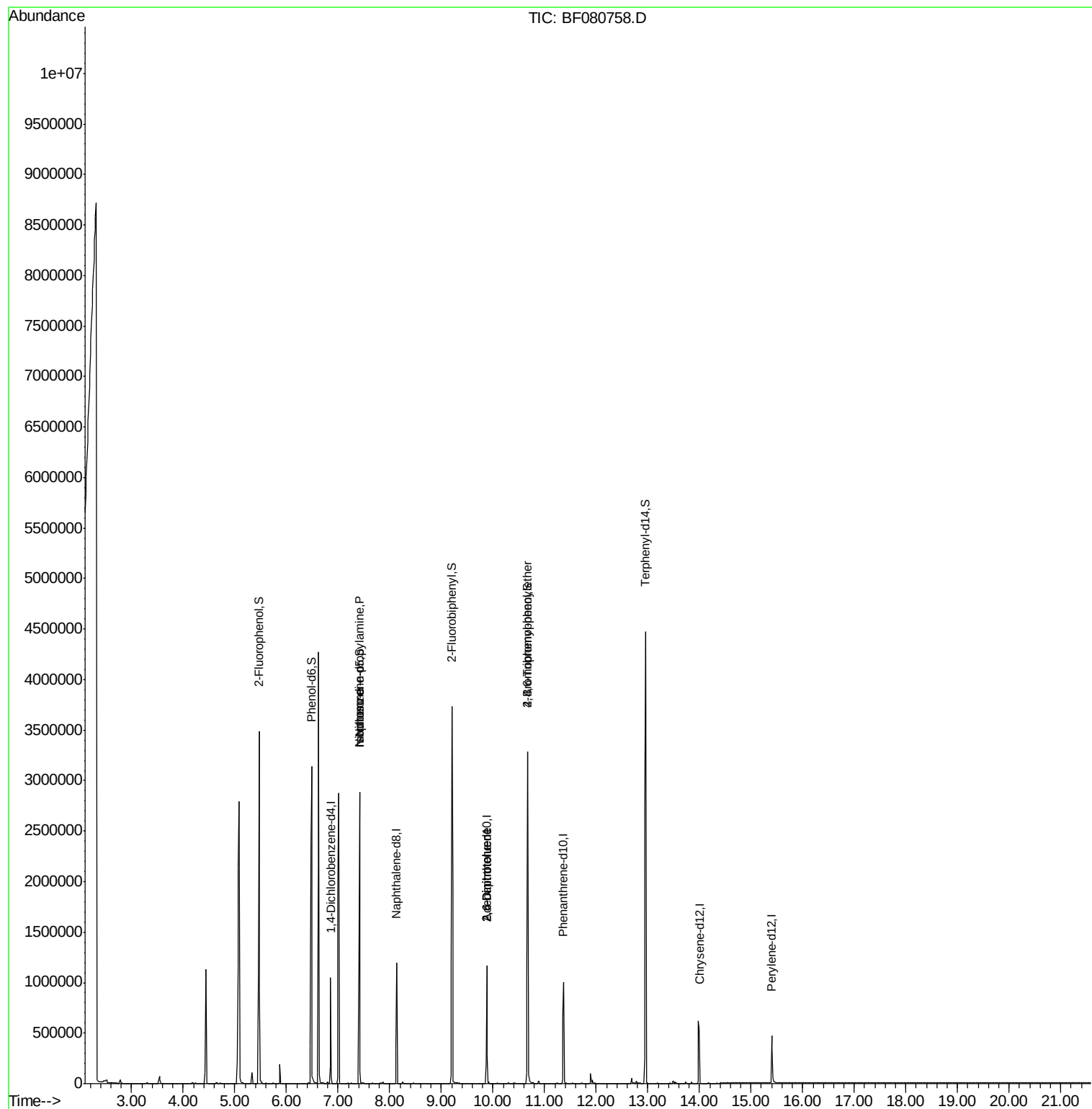
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	131324	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	502066	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	233214	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	474961	20.00	ng	0.00
75) Chrysene-d12	14.00	240	303394	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						
9) Benzaldehyde	6.49	77	1874	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.41	70	133277	18.99	ng	# 76
25) Isophorone	7.41	82	925747	50.21	ng	# 71
50) 2,6-Dinitrotoluene	9.88	165	30430	8.72	ng	# 15
56) 2,4-Dinitrotoluene	9.88	165	30431	6.65	ng	# 16
66) 4-Bromophenyl-phenylether	10.67	248	24702	5.04	ng	# 1

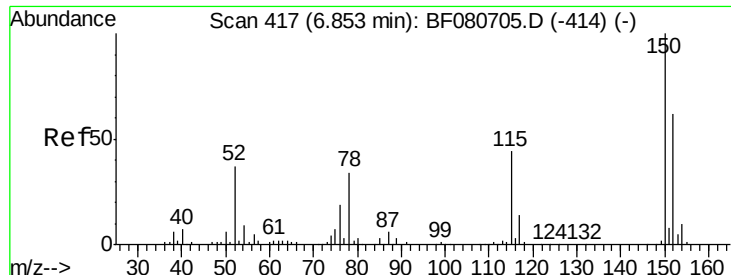
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 04:07:13 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

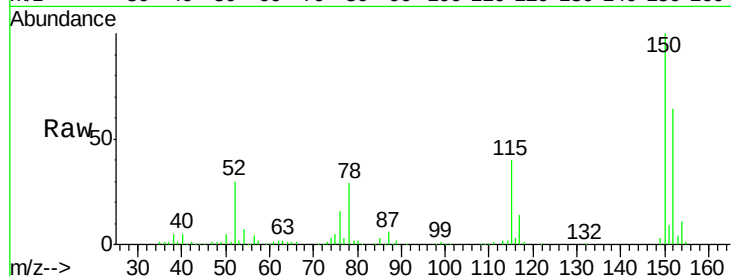
Tgt Ion:152 Resp: 131324

Ion Ratio Lower Upper

152 100

150 157.4 129.6 194.4

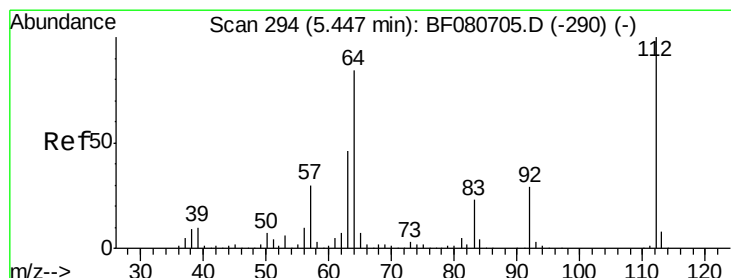
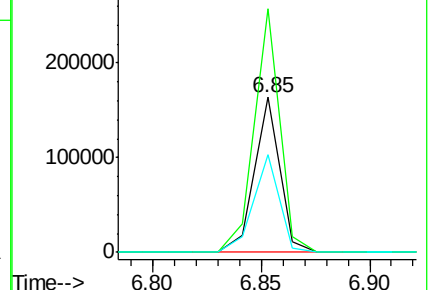
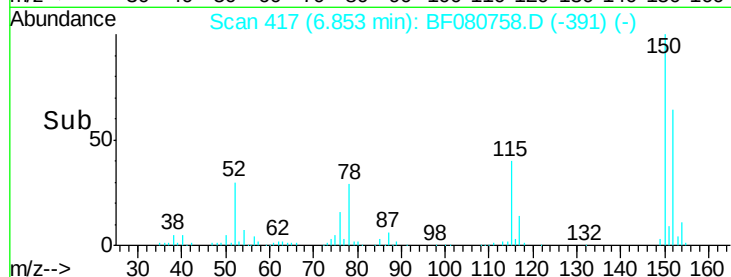
115 63.6 56.6 85.0



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

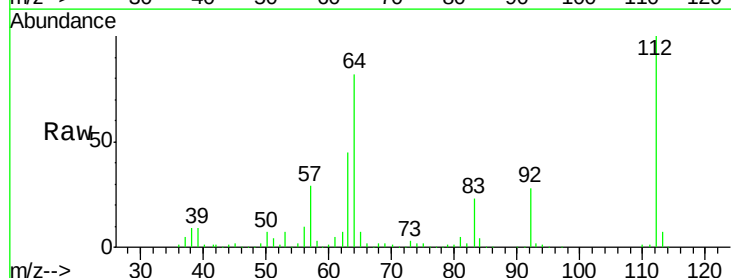
Tgt Ion:112 Resp: 925116

Ion Ratio Lower Upper

112 100

64 82.1 66.8 100.2

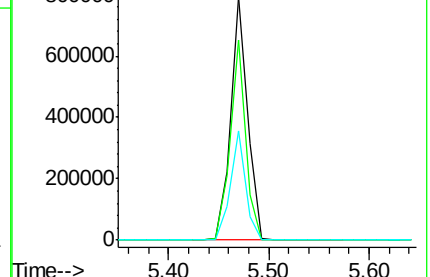
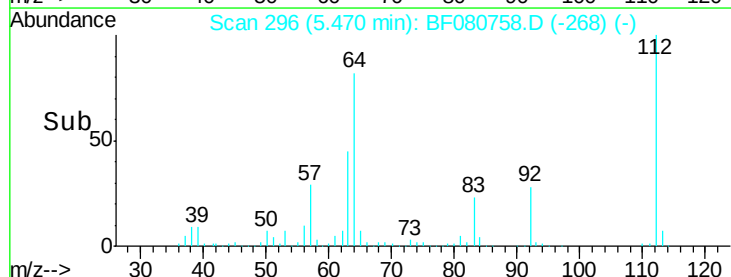
63 45.0 36.7 55.1

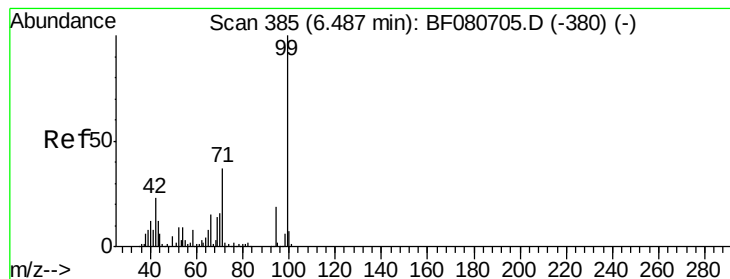


Abundance Ion 112.00 (111.70 to 112.70): E

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

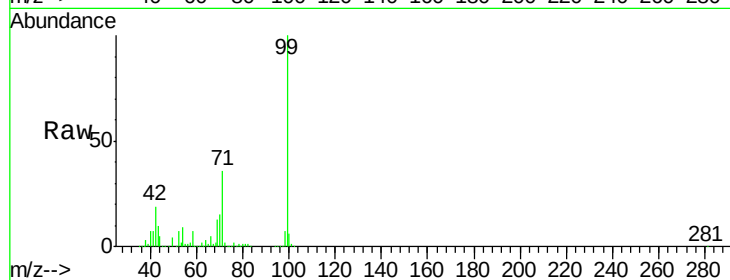
Tgt Ion: 99 Resp: 1363457

Ion Ratio Lower Upper

99 100

42 19.4 18.2 27.2

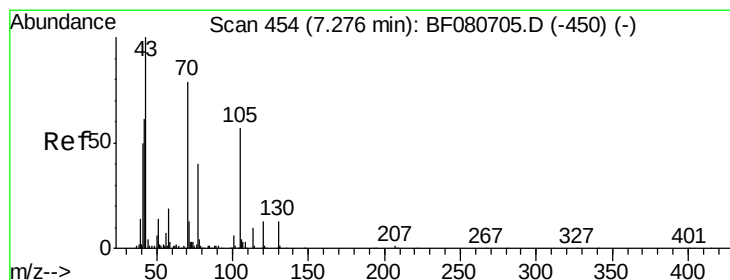
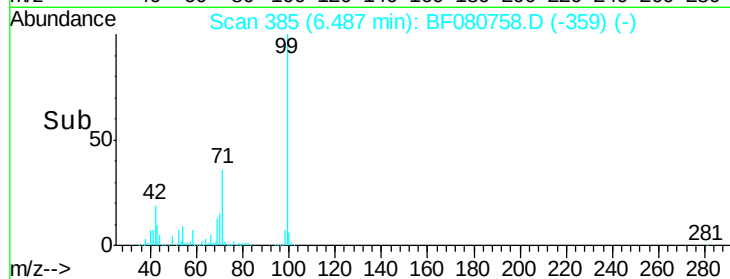
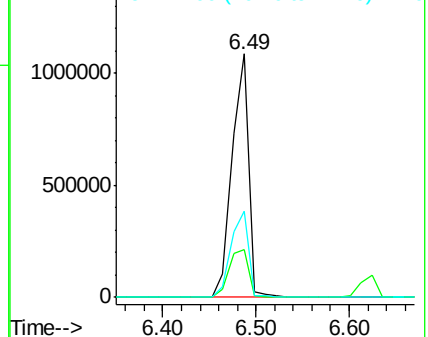
71 35.5 29.5 44.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 18.99 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.14 min

Lab File: BF080758.D

Acq: 1 Aug 2015 3:35

Tgt Ion: 70 Resp: 133277

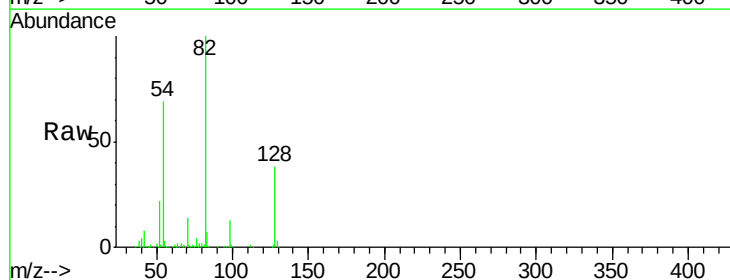
Ion Ratio Lower Upper

70 100

42 57.8 61.8 92.6#

101 0.0 6.1 9.1#

130 1.7 12.9 19.3#

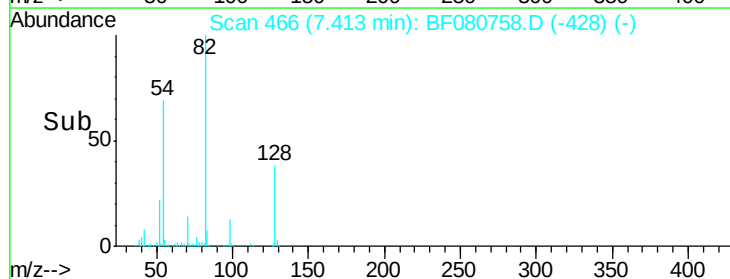
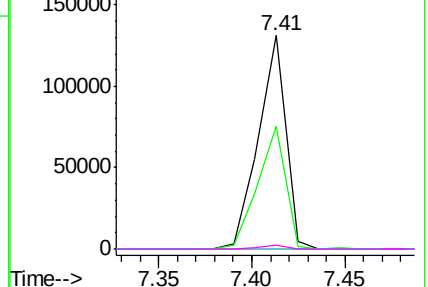


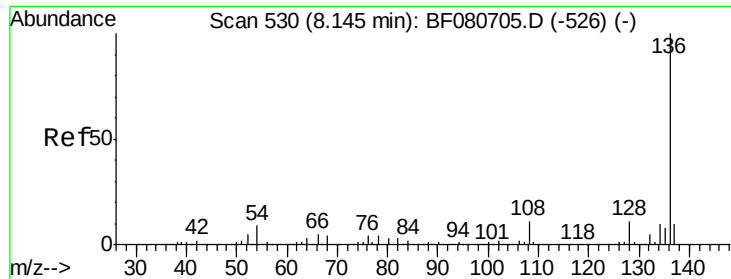
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

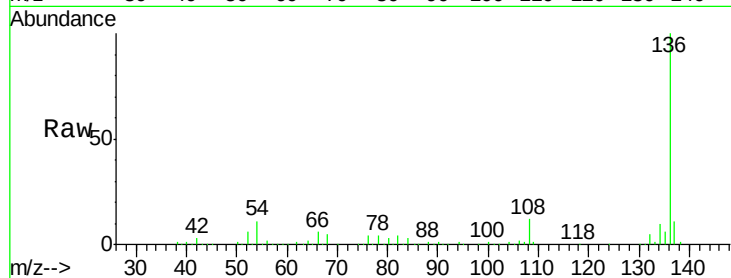




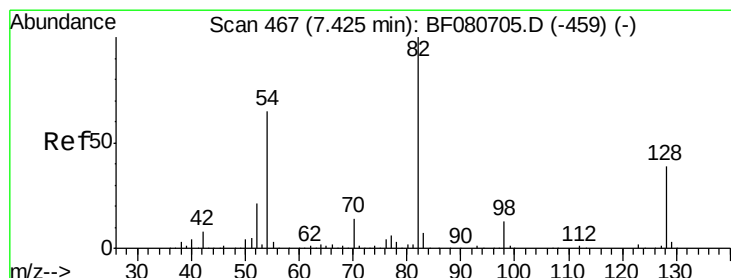
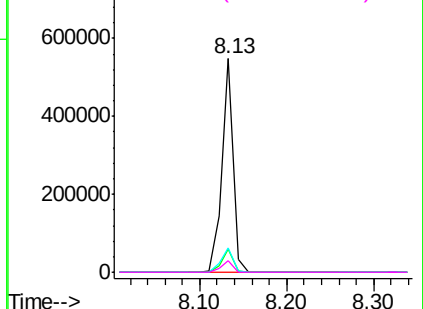
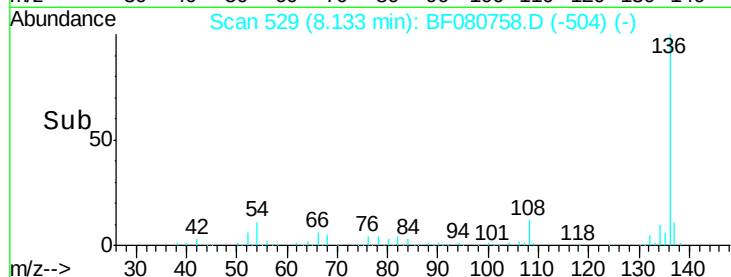
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF080758.D
Acq: 1 Aug 2015 3:35

Instrument :
BNA_F
ClientSampleId :
SPAN19-SOIL

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#

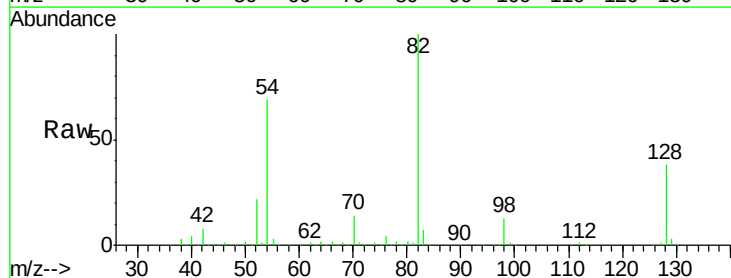


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

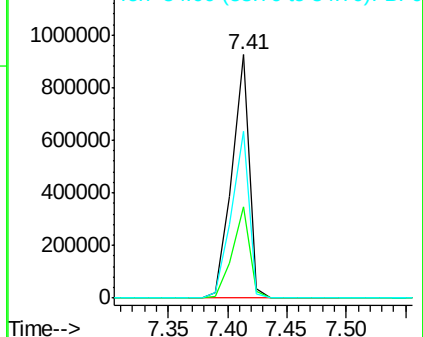
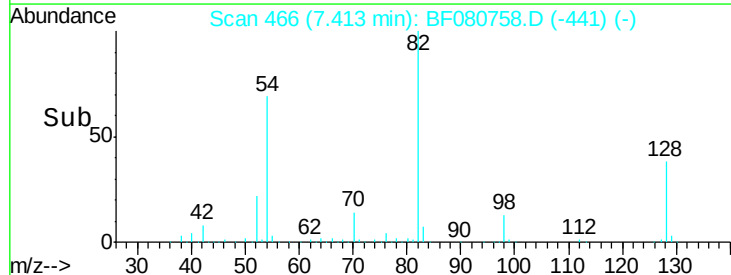


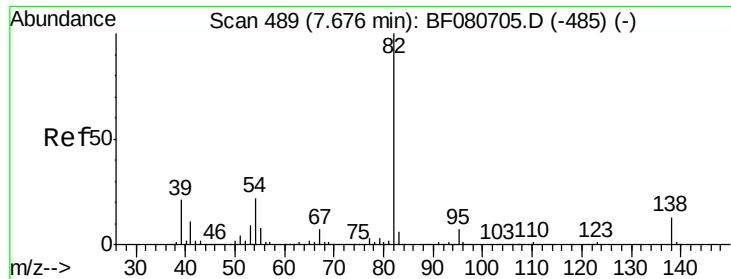
#23
Nitrobenzene-d5
Concen: 90.90 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF080758.D
Acq: 1 Aug 2015 3:35

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): E
Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 50.21 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.26 min

Lab File: BF080758.D

Acq: 1 Aug 2015 3:35

Instrument :

BNA_F

ClientSampleId :

SPAN19-SOIL

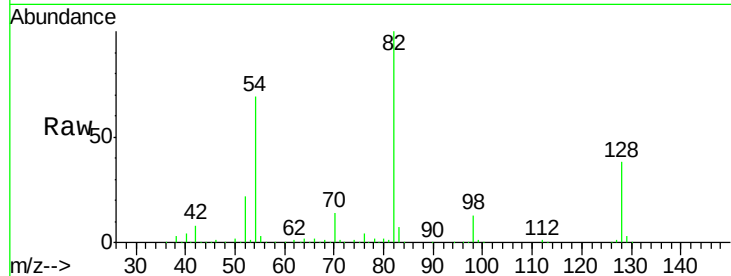
Tgt Ion: 82 Resp: 925747

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

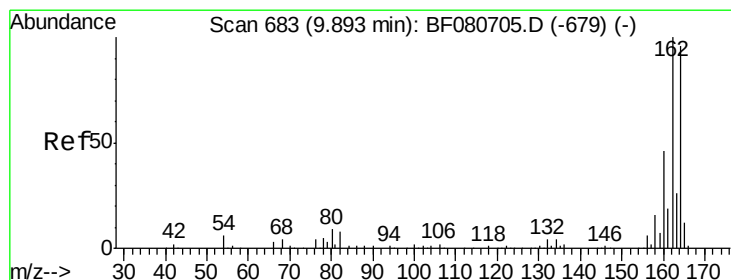
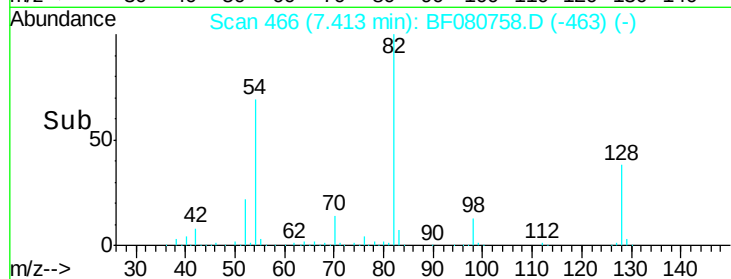
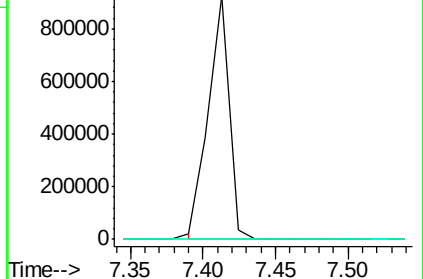
138 0.0 10.7 16.1#



Abundance Ion 82.00 (81.70 to 82.70): BF080705.D (-485) (-)

Ion 95.00 (94.70 to 95.70): BF080705.D (-485) (-)

Ion 138.00 (137.70 to 138.70): BF080705.D (-485) (-)



#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

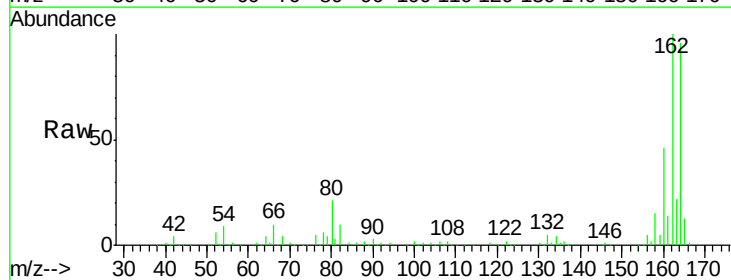
Tgt Ion: 164 Resp: 233214

Ion Ratio Lower Upper

164 100

162 104.3 83.4 125.0

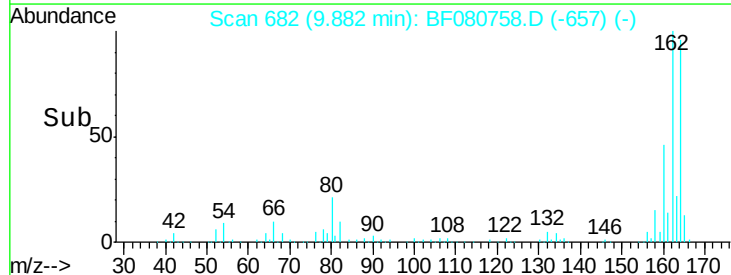
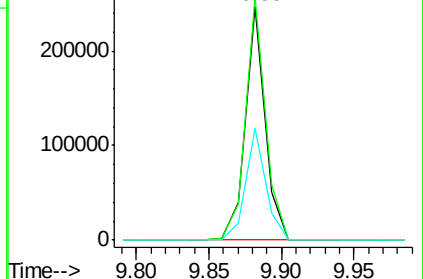
160 47.7 38.0 57.0

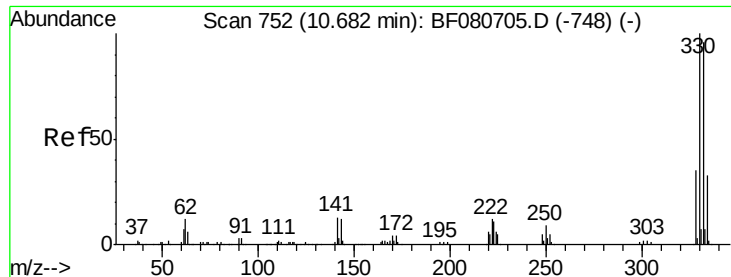


Abundance Ion 164.00 (163.70 to 164.70): BF080705.D (-679) (-)

Ion 162.00 (161.70 to 162.70): BF080705.D (-679) (-)

Ion 160.00 (159.70 to 160.70): BF080705.D (-679) (-)

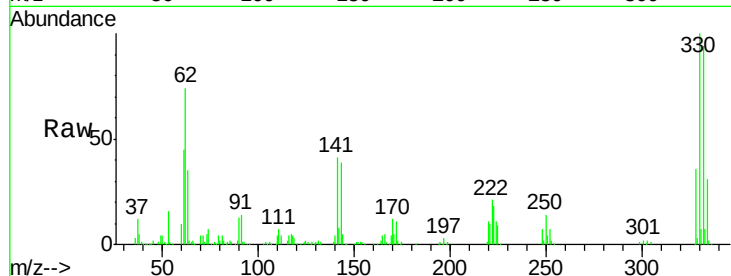




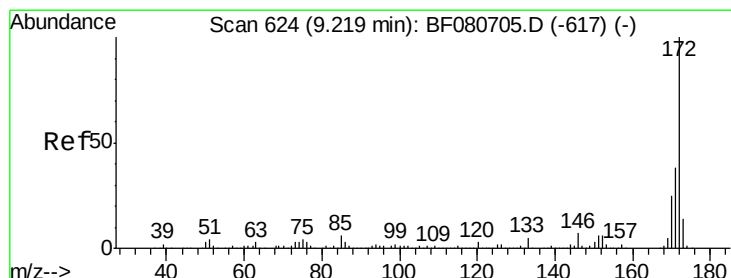
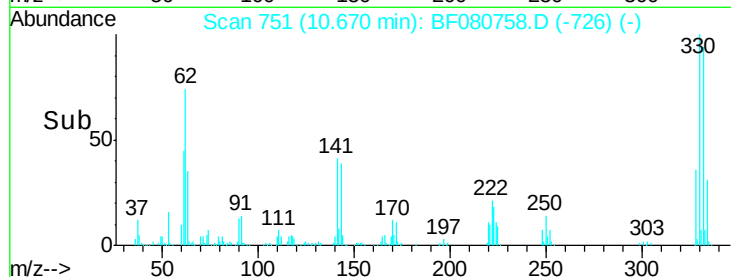
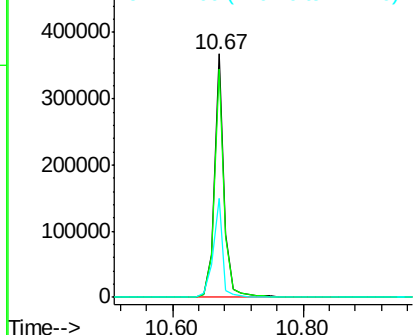
#41
 2,4,6-Tribromophenol
 Concen: 161.34 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF080758.D
 Acq: 1 Aug 2015 3:35

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#

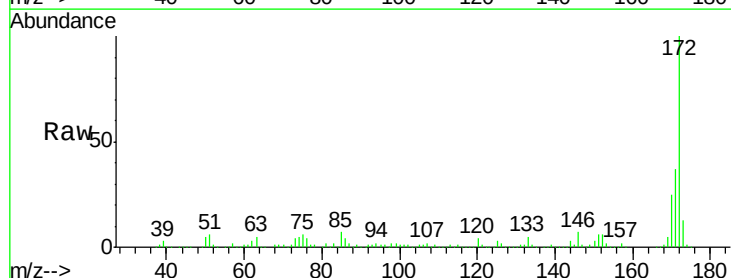


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

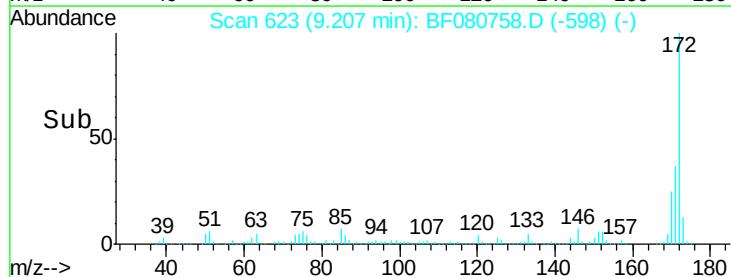
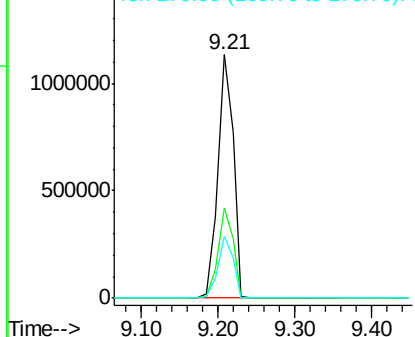


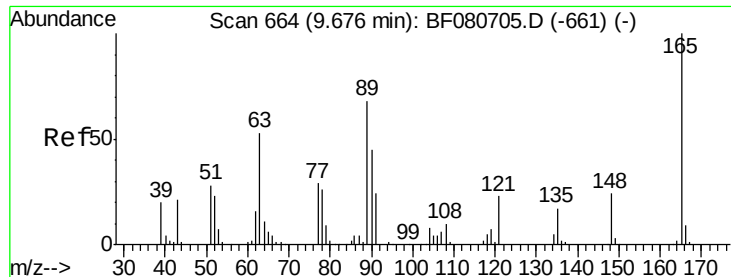
#44
 2-Fluorobiphenyl
 Concen: 101.86 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF080758.D
 Acq: 1 Aug 2015 3:35

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

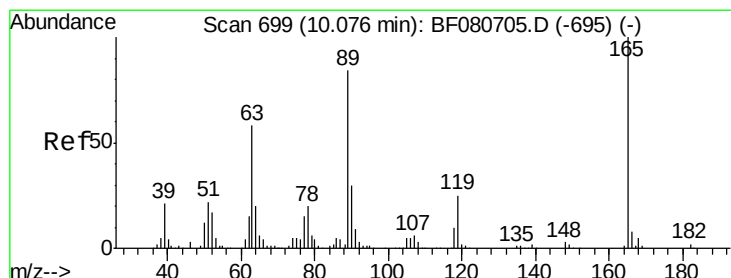
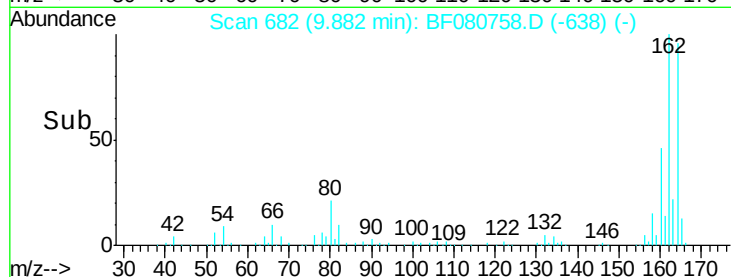
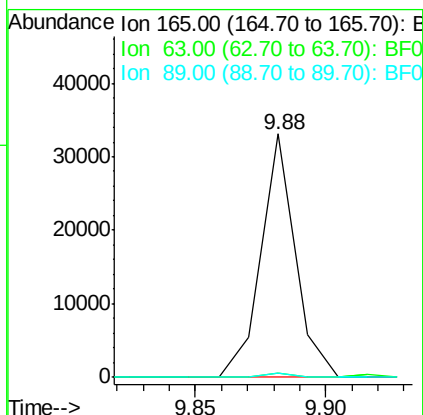
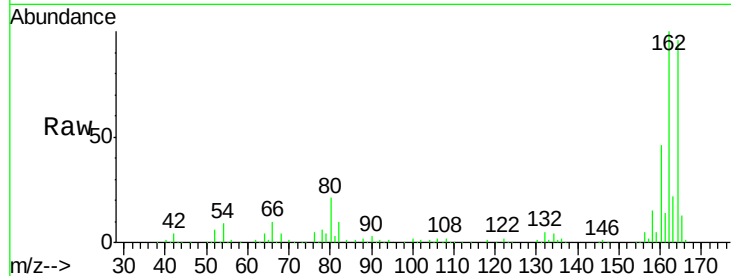




#50
 2,6-Dinitrotoluene
 Concen: 8.72 ng
 RT: 9.88 min Scan# 682
 Delta R.T. 0.21 min
 Lab File: BF080758.D
 Acq: 1 Aug 2015 3:35

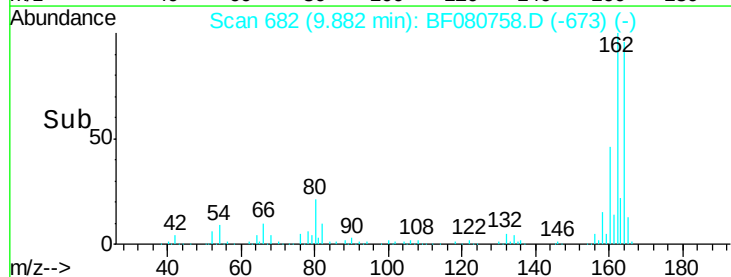
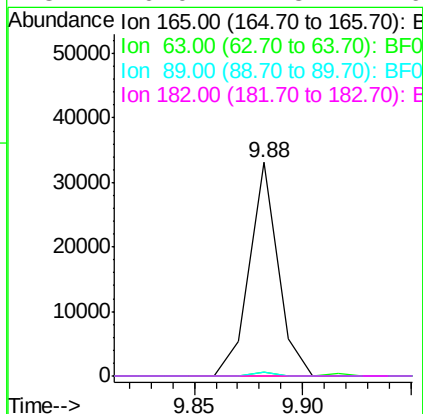
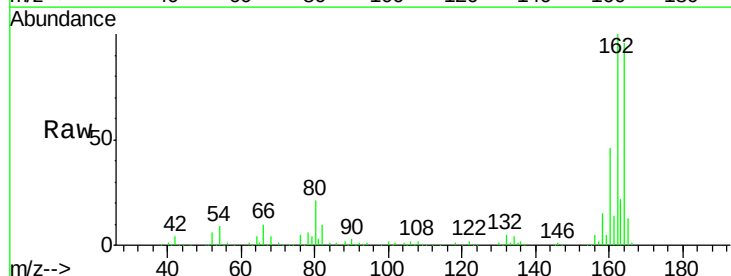
Instrument :
 BNA_F
 ClientSampleId :
 SPAN19-SOIL

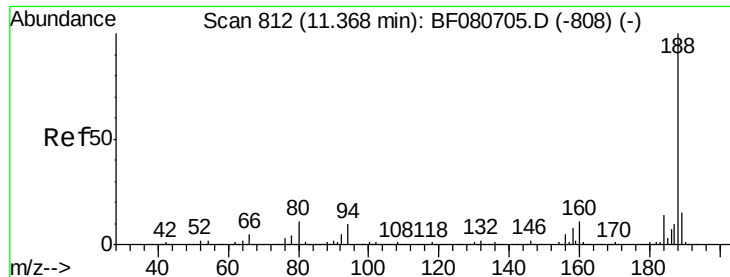
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	62.3	93.5#
89	1.7	54.8	82.2#



#56
 2,4-Dinitrotoluene
 Concen: 6.65 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.19 min
 Lab File: BF080758.D
 Acq: 1 Aug 2015 3:35

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	46.7	70.1#
89	1.7	67.4	101.2#
182	0.0	1.8	2.6#

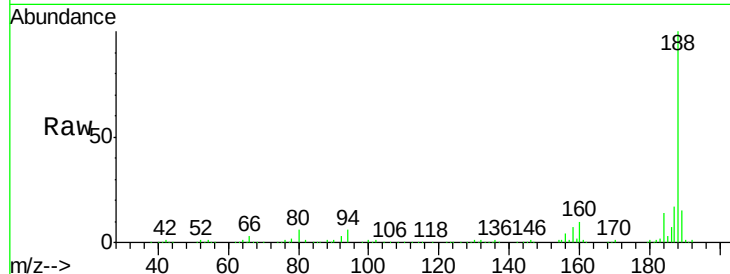




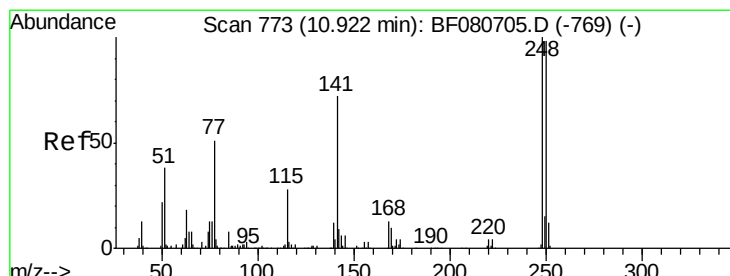
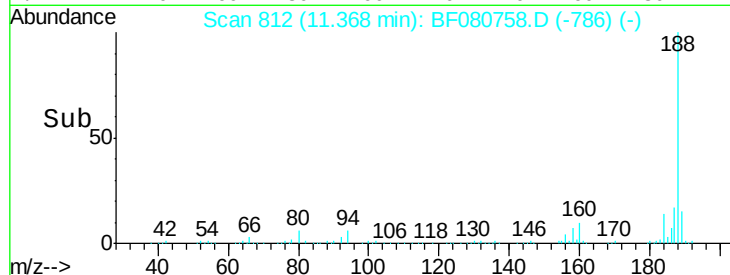
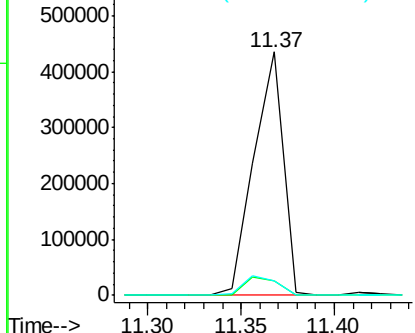
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF080758.D
 Acq: 1 Aug 2015 3:35

Instrument :
 BNA_F
 ClientSampleId :
 SPAN19-SOIL

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

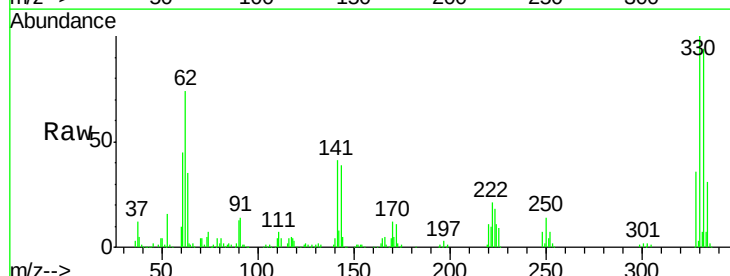


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

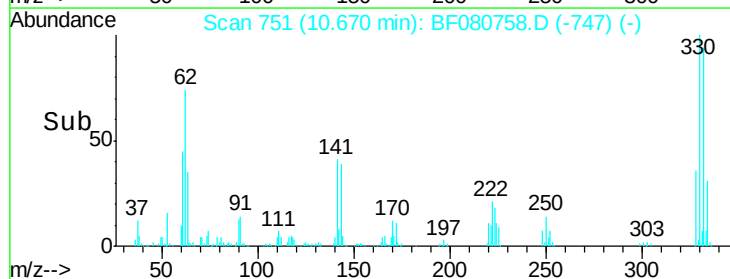
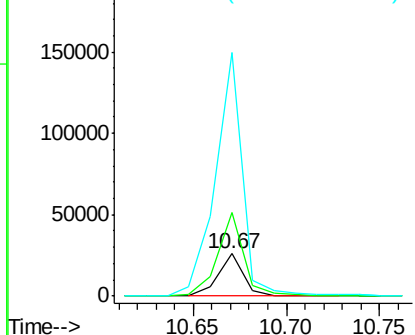


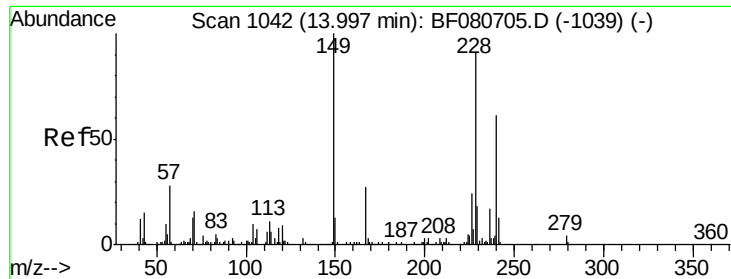
#66
 4-Bromophenyl-phenylether
 Concen: 5.04 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.25 min
 Lab File: BF080758.D
 Acq: 1 Aug 2015 3:35

Tgt Ion	Ratio	Lower	Upper
248	100		
250	198.3	78.4	117.6#
141	575.3	57.5	86.3#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#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

Instrument :

BNA_F

ClientSampleId :

SPAN19-SOIL

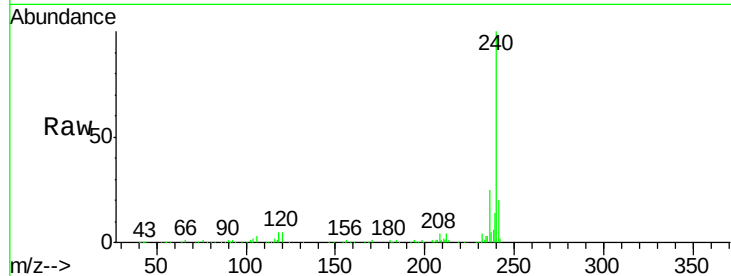
Tgt Ion:240 Resp: 303394

Ion Ratio Lower Upper

240 100

120 5.5 11.8 17.8#

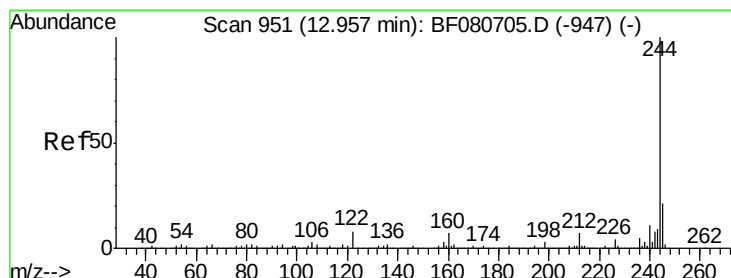
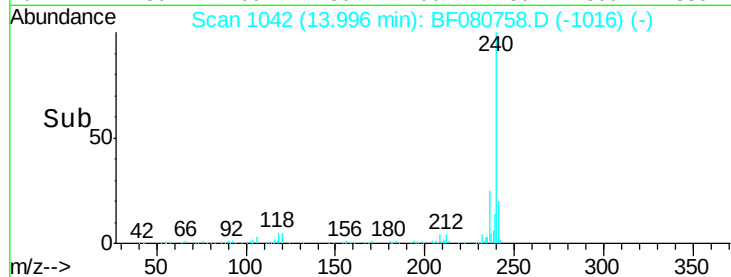
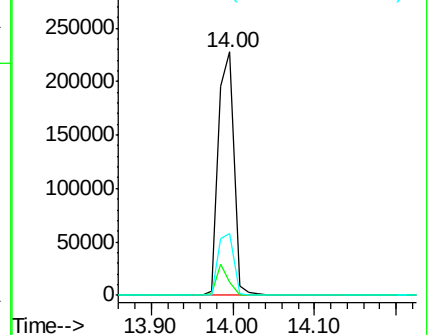
236 25.5 21.8 32.8



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

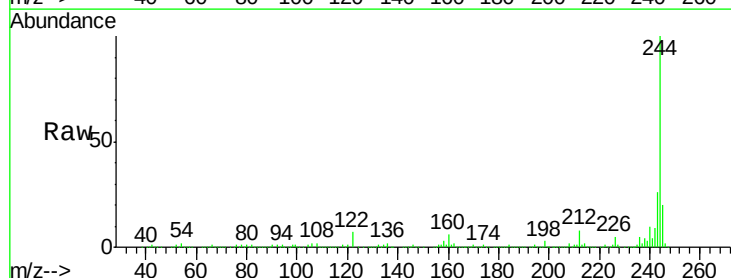
Tgt Ion:244 Resp: 1729629

Ion Ratio Lower Upper

244 100

212 7.8 5.9 8.9

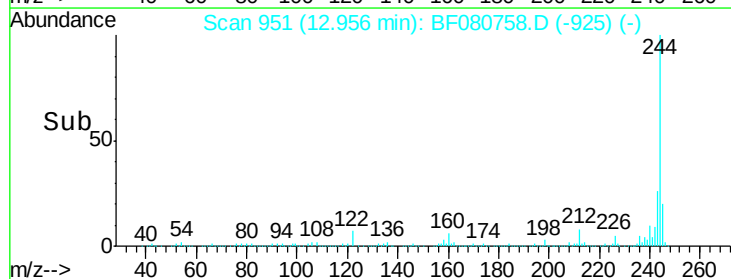
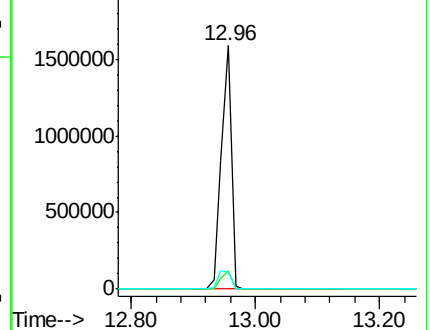
122 7.2 6.6 9.8

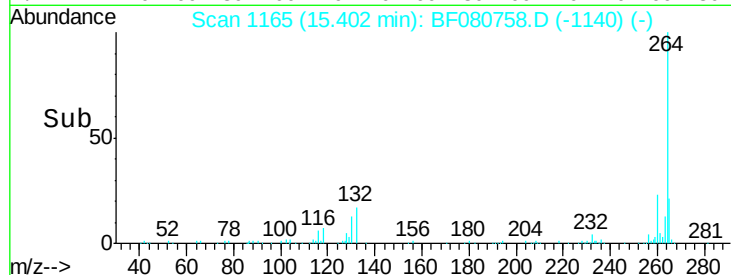
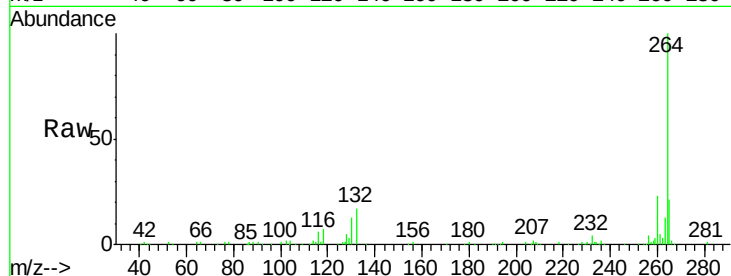
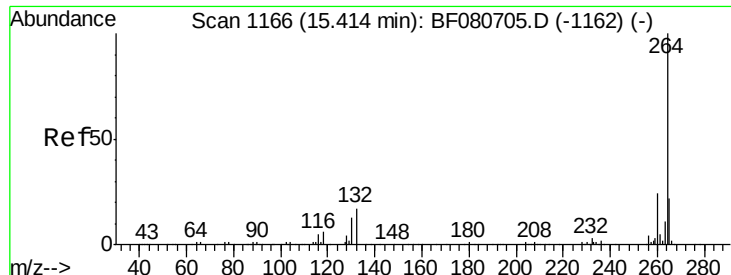


Abundance Ion 244.00 (243.70 to 244.70): E

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

Instrument :
BNA_F
ClientSampleId :
SPAN19-SOIL

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

