

Data Path : Z:\HPCHEM1\BNA_F\Data\BF081115\
 Data File : BF080965.D
 Acq On : 11 Aug 2015 17:00
 Operator : UM/IZ
 Sample : G3212-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-2

Quant Time: Aug 11 17:35:48 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 08 01:33:05 2015
 Response via : Initial Calibration

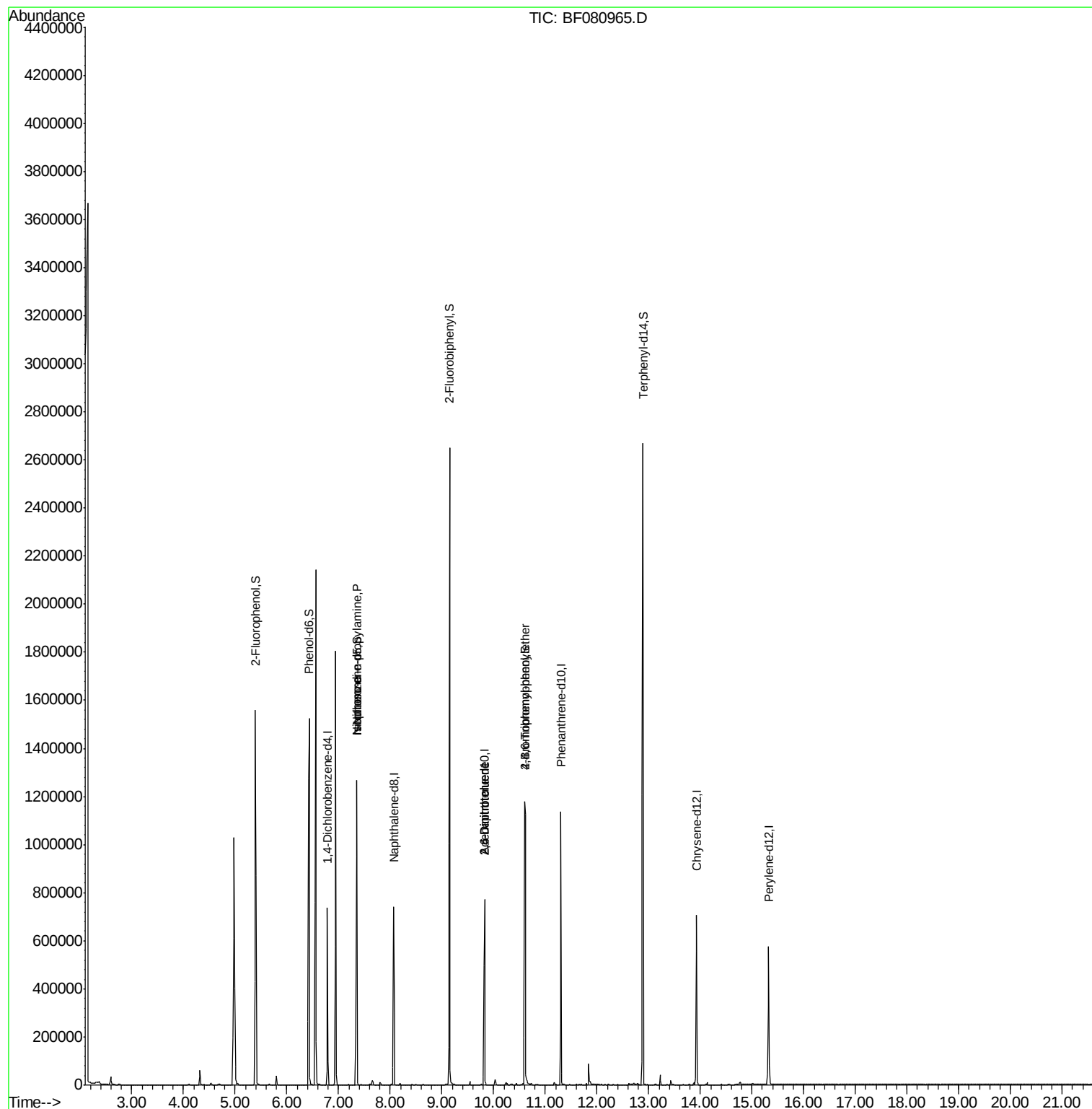
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	95962	20.00	ng	-0.02
21) Naphthalene-d8	8.06	136	358729	20.00	ng	-0.03
38) Acenaphthene-d10	9.82	164	187714	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	391081	20.00	ng	-0.02
75) Chrysene-d12	13.93	240	337026	20.00	ng	-0.03
86) Perylene-d12	15.32	264	264905	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	524120	89.24	ng	0.01
7) Phenol-d6	6.43	99	746629	92.77	ng	-0.01
23) Nitrobenzene-d5	7.36	82	562007	74.11	ng	-0.02
41) 2,4,6-Tribromophenol	10.61	330	232007	112.50	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	847079	63.53	ng	-0.02
78) Terphenyl-d14	12.89	244	912414	55.92	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	75343	12.81	ng	# 70
25) Isophorone	7.36	82	515671	35.36	ng	# 65
50) 2,6-Dinitrotoluene	9.82	165	23757	7.37	ng	# 7
56) 2,4-Dinitrotoluene	9.82	165	23757	5.51	ng	# 9
66) 4-Bromophenyl-phenylether	10.61	248	14211	3.43	ng	# 1

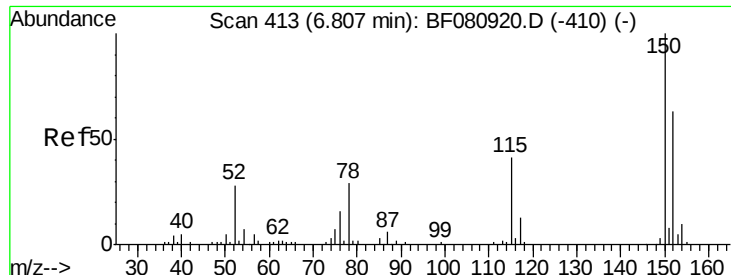
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\Data\BF081115\
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Acq On : 11 Aug 2015 17:00
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Misc :
ALS Vial : 6 Sample Multiplier: 1

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.02 min

Lab File: BF080965.D

Acq: 11 Aug 2015 17:00

Instrument :

BNA_F

ClientSampleId :

SOIL-2

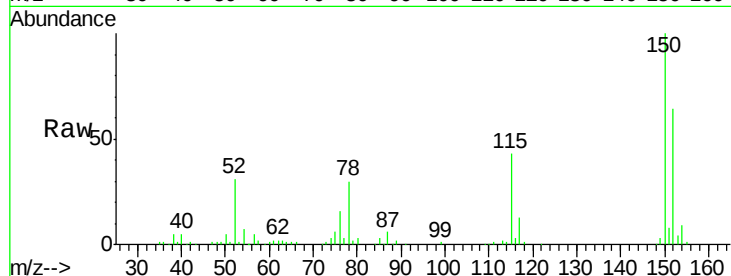
Tgt Ion:152 Resp: 95962

Ion Ratio Lower Upper

152 100

150 156.9 127.4 191.2

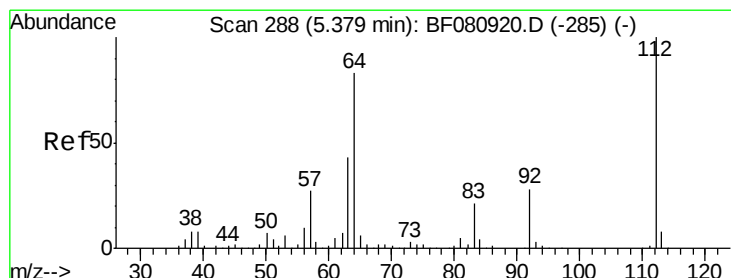
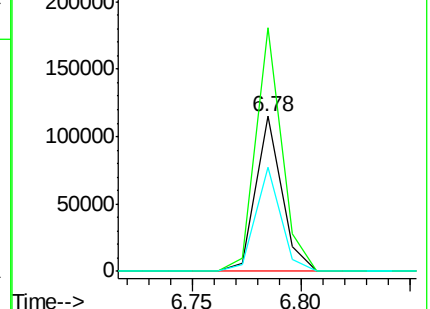
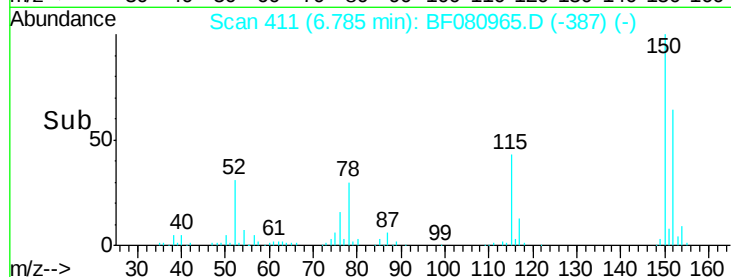
115 66.8 52.6 78.8



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: 89.24 ng

RT: 5.39 min Scan# 289

Delta R.T. 0.01 min

Lab File: BF080965.D

Acq: 11 Aug 2015 17:00

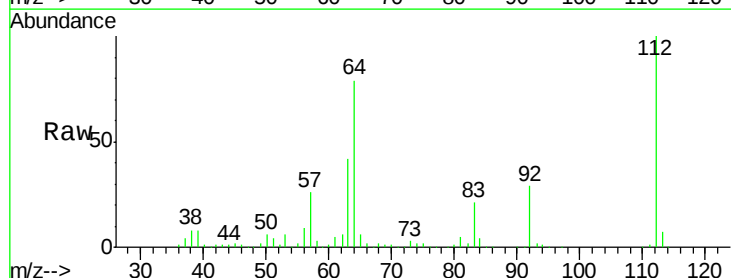
Tgt Ion:112 Resp: 524120

Ion Ratio Lower Upper

112 100

64 78.6 66.1 99.1

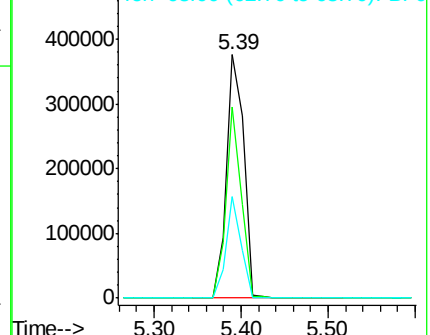
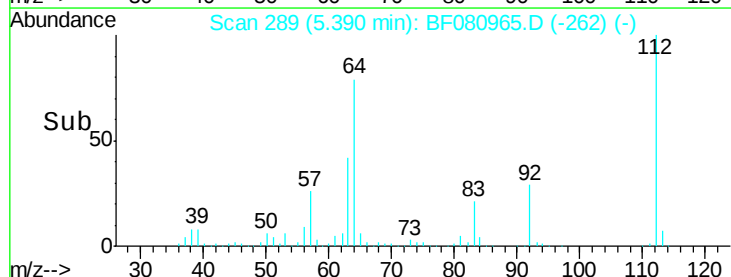
63 41.5 34.6 52.0

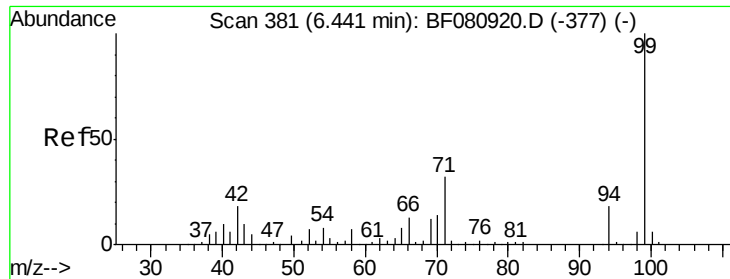


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 92.77 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF080965.D

Acq: 11 Aug 2015 17:00

Instrument :

BNA_F

ClientSampleId :

SOIL-2

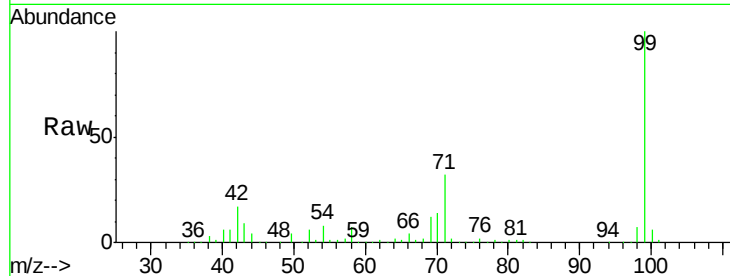
Tgt Ion: 99 Resp: 746629

Ion Ratio Lower Upper

99 100

42 16.9 14.4 21.6

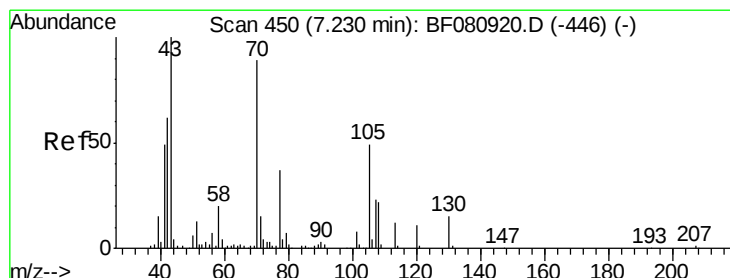
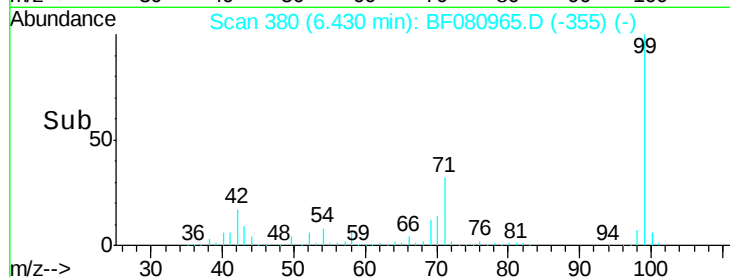
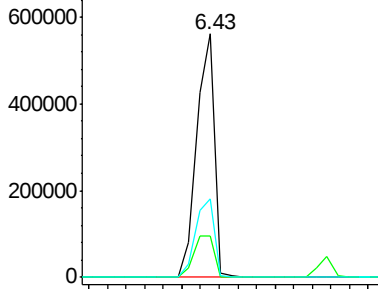
71 32.1 25.8 38.8



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: 12.81 ng

RT: 7.36 min Scan# 461

Delta R.T. 0.13 min

Lab File: BF080965.D

Acq: 11 Aug 2015 17:00

Tgt Ion: 70 Resp: 75343

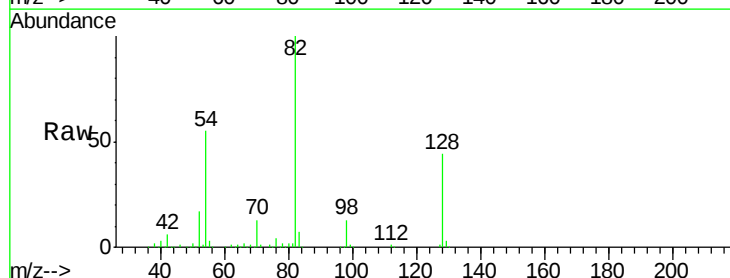
Ion Ratio Lower Upper

70 100

42 45.4 55.7 83.5#

101 0.0 7.0 10.6#

130 2.3 13.8 20.8#

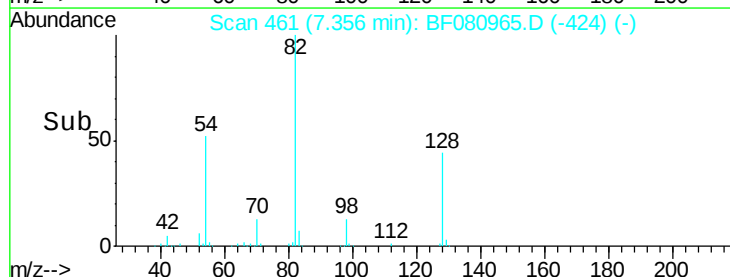
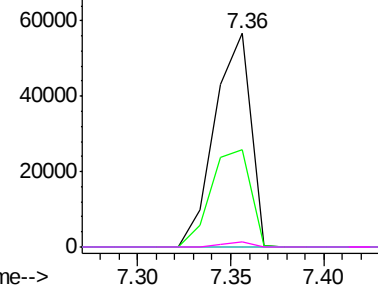


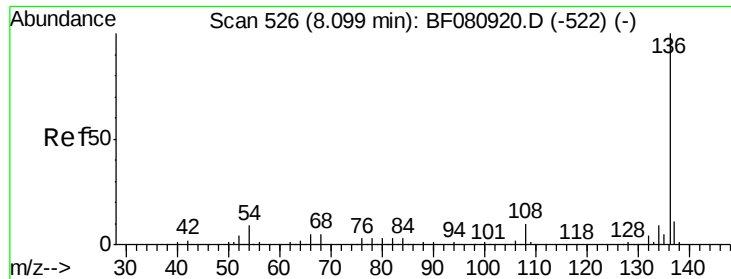
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

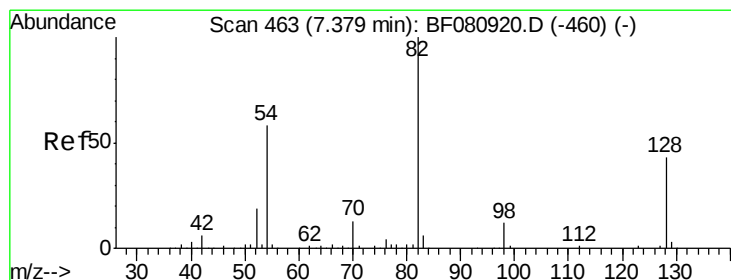
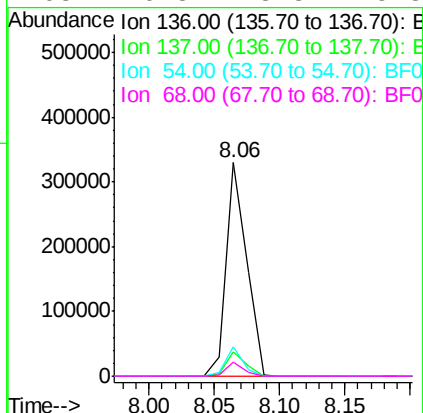
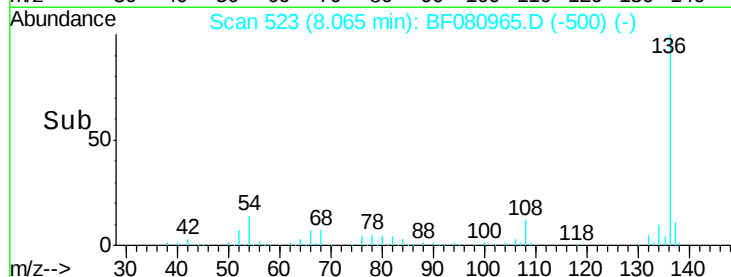
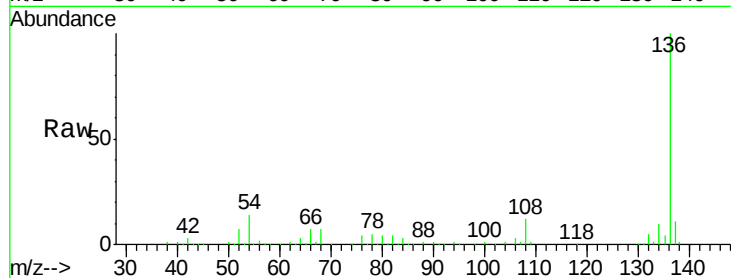




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.03 min
Lab File: BF080965.D
Acq: 11 Aug 2015 17:00

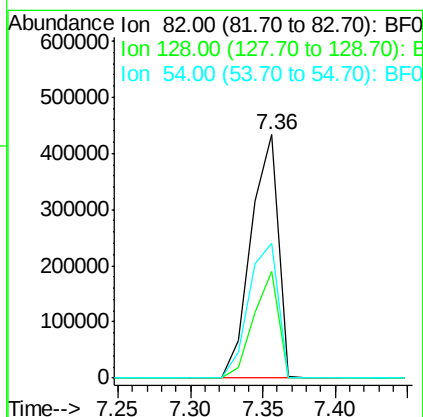
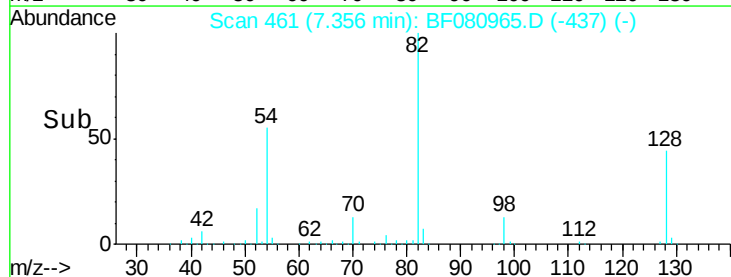
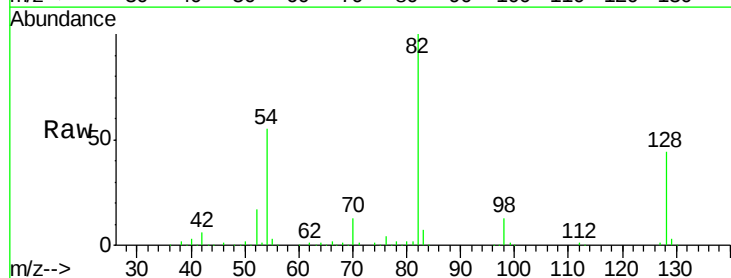
Instrument :
BNA_F
ClientSampleId :
SOIL-2

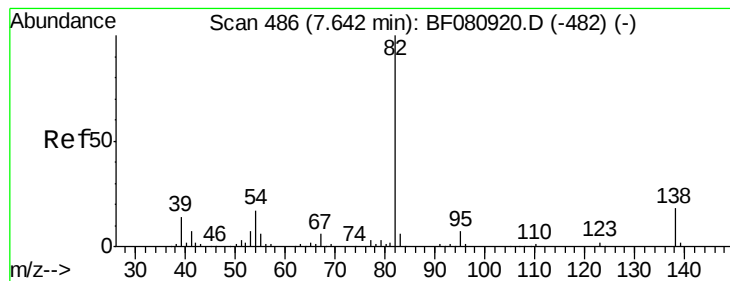
Tgt Ion:	136	Resp:	358729
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.5	12.7
54	13.7	7.1	10.7#
68	6.8	3.8	5.8#



#23
Nitrobenzene-d5
Concen: 74.11 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.02 min
Lab File: BF080965.D
Acq: 11 Aug 2015 17:00

Tgt Ion:	82	Resp:	562007
Ion	Ratio	Lower	Upper
82	100		
128	43.6	34.1	51.1
54	55.4	46.5	69.7





#25

Isophorone

Concen: 35.36 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.29 min

Lab File: BF080965.D

Acq: 11 Aug 2015 17:00

Instrument :

BNA_F

ClientSampled :

SOIL-2

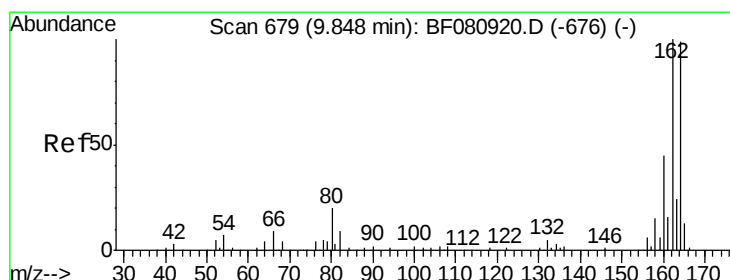
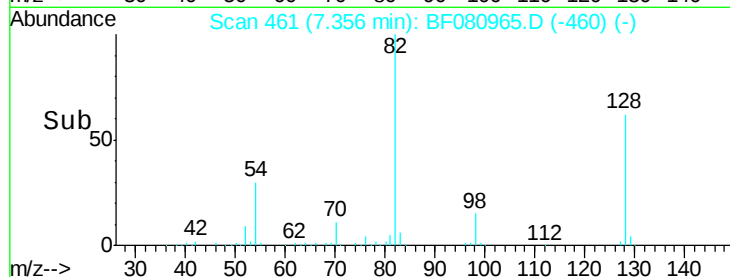
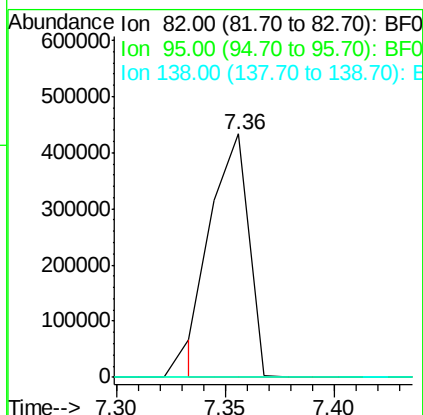
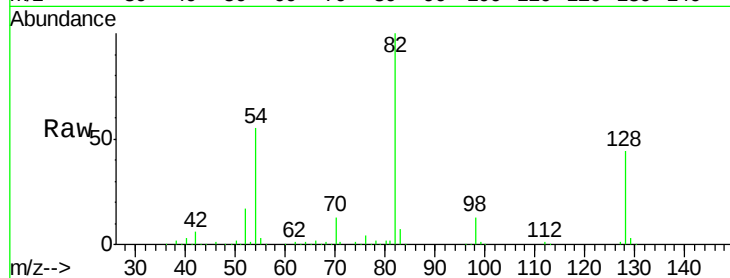
Tgt Ion: 82 Resp: 515671

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 14.1 21.1#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.02 min

Lab File: BF080965.D

Acq: 11 Aug 2015 17:00

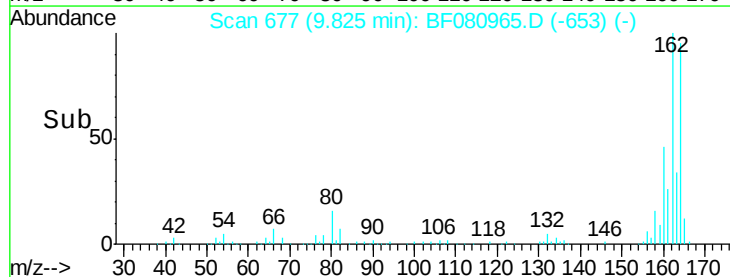
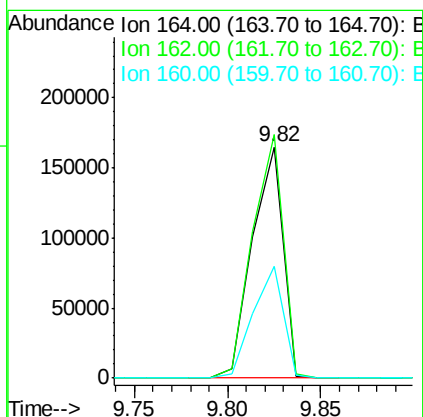
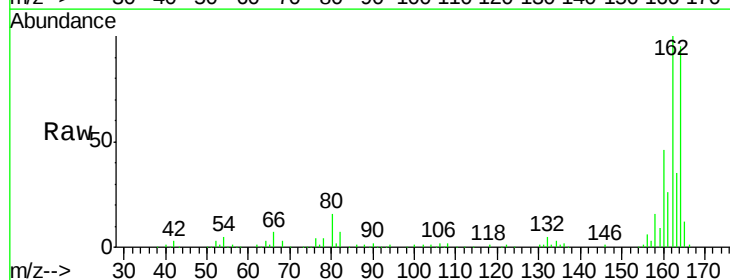
Tgt Ion: 164 Resp: 187714

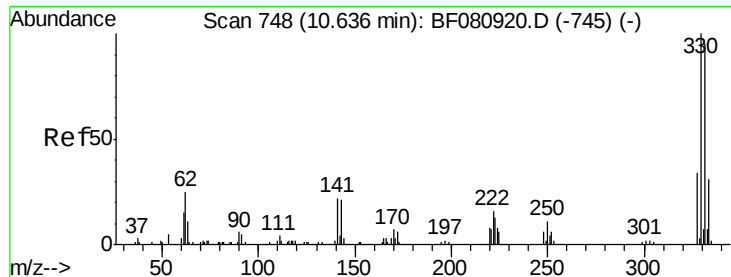
Ion Ratio Lower Upper

164 100

162 105.2 80.5 120.7

160 48.3 36.6 54.8

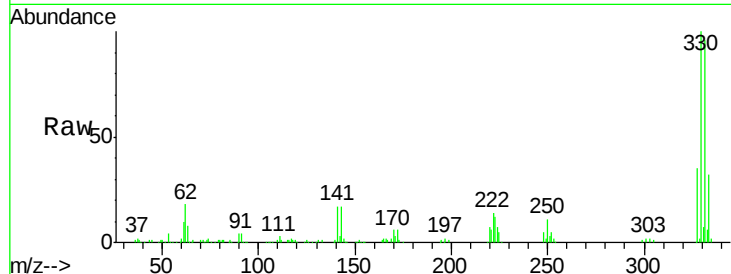




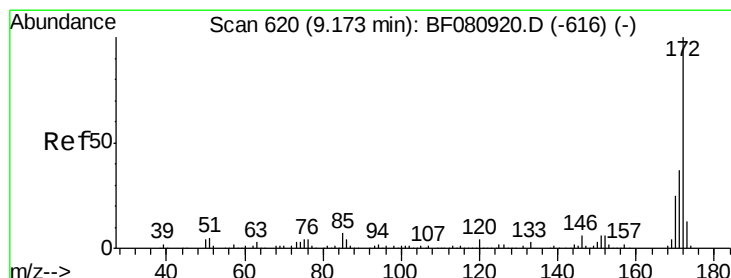
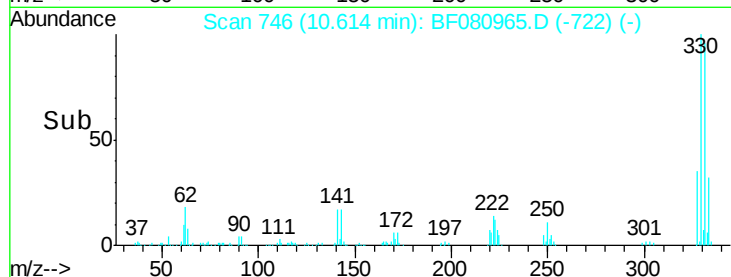
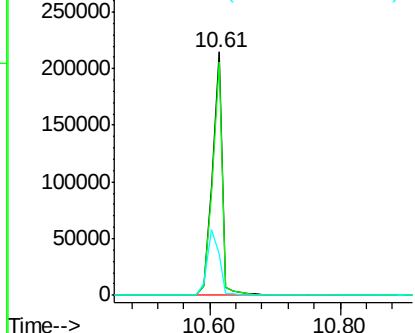
#41
 2,4,6-Tribromophenol
 Concen: 112.50 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.02 min
 Lab File: BF080965.D
 Acq: 11 Aug 2015 17:00

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-2

Tgt Ion:330 Resp: 232007
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.2 114.4
 141 32.3 27.8 41.8

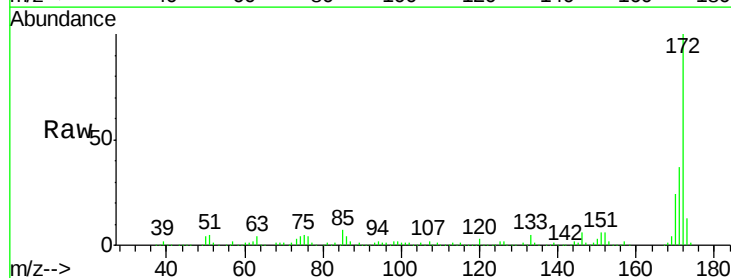


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

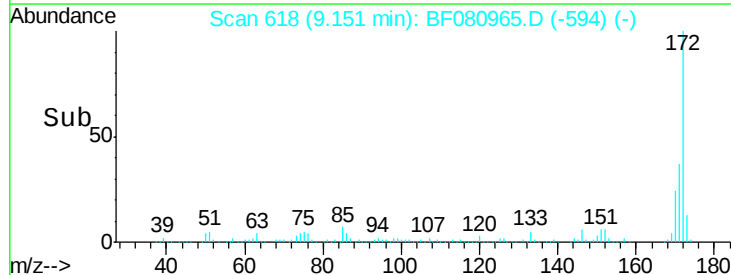
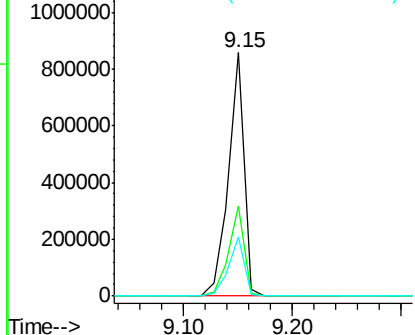


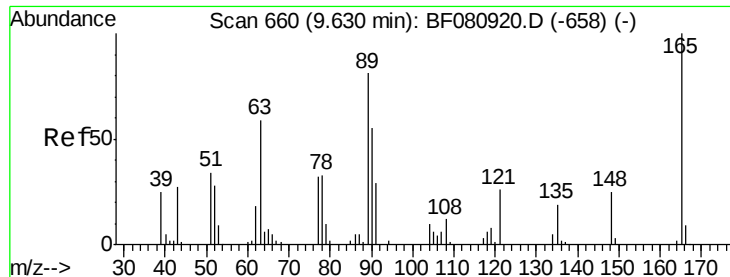
#44
 2-Fluorobiphenyl
 Concen: 63.53 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF080965.D
 Acq: 11 Aug 2015 17:00

Tgt Ion:172 Resp: 847079
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.4 44.0
 170 24.5 19.7 29.5



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

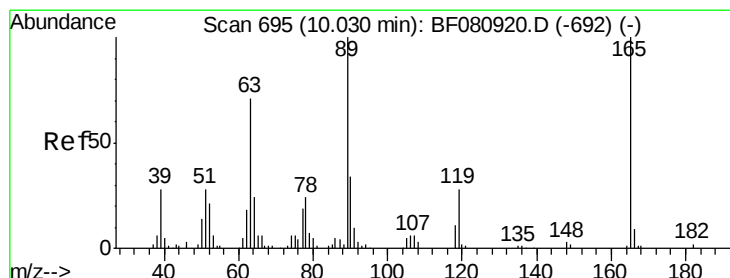
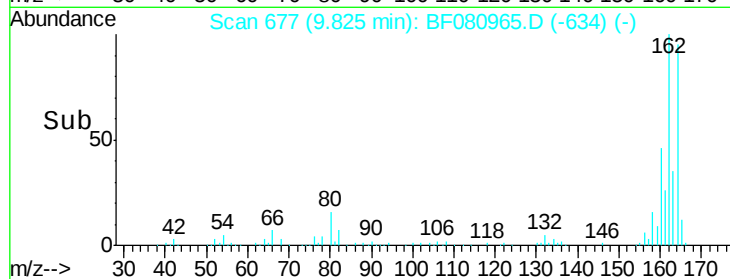
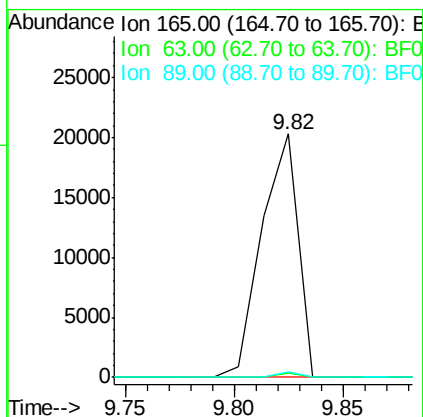
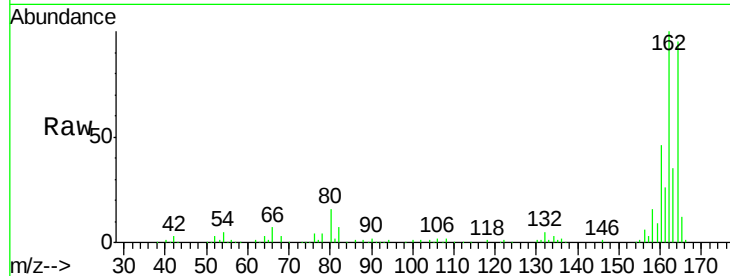




#50
 2,6-Dinitrotoluene
 Concen: 7.37 ng
 RT: 9.82 min Scan# 677
 Delta R.T. 0.19 min
 Lab File: BF080965.D
 Acq: 11 Aug 2015 17:00

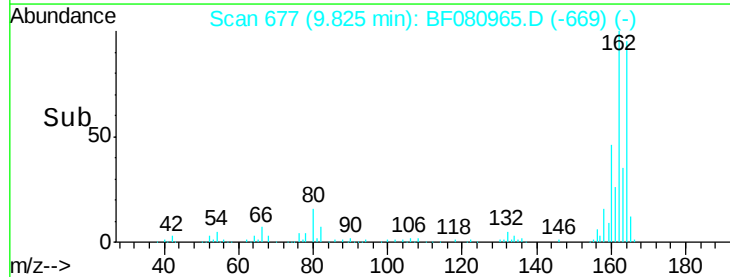
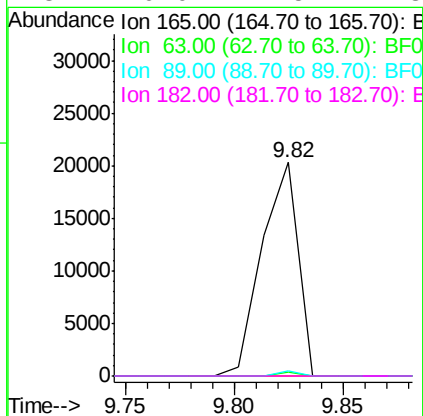
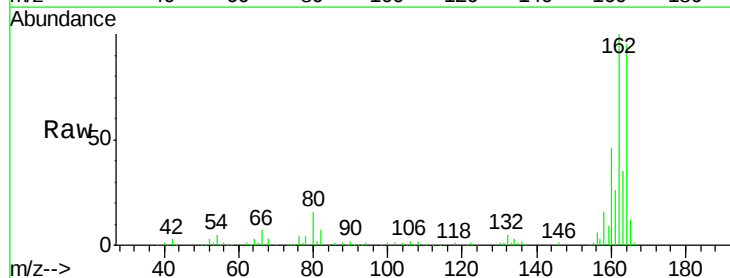
Instrument :
 BNA_F
 ClientSampled :
 SOIL-2

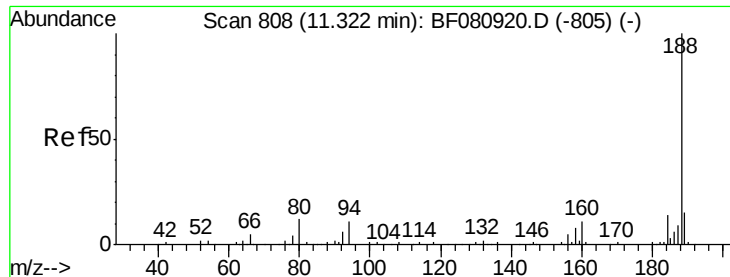
Tgt Ion:165 Resp: 23757
 Ion Ratio Lower Upper
 165 100
 63 1.7 77.6 116.4#
 89 2.3 64.5 96.7#



#56
 2,4-Dinitrotoluene
 Concen: 5.51 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.21 min
 Lab File: BF080965.D
 Acq: 11 Aug 2015 17:00

Tgt Ion:165 Resp: 23757
 Ion Ratio Lower Upper
 165 100
 63 1.7 56.7 85.1#
 89 2.3 80.4 120.6#
 182 0.0 1.5 2.3#

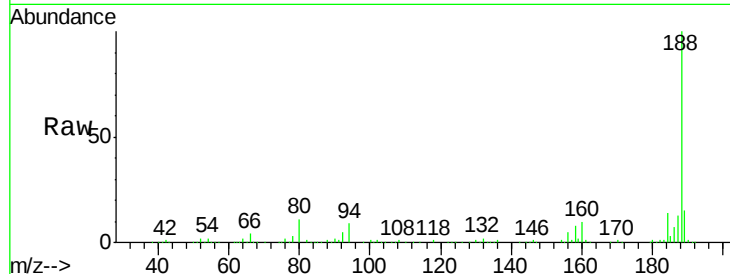




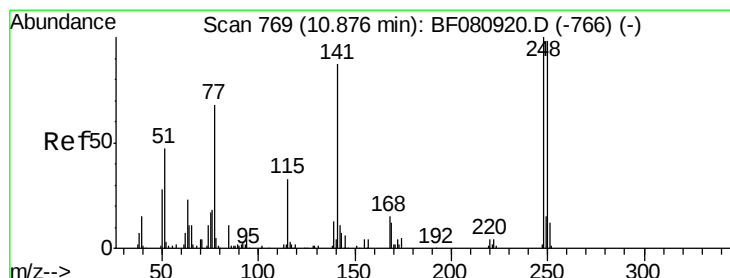
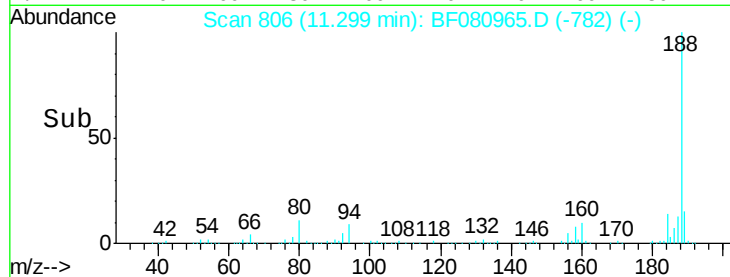
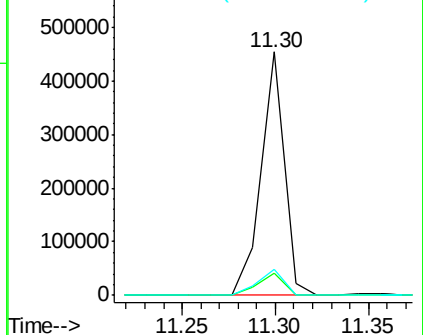
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 806
 Delta R.T. -0.02 min
 Lab File: BF080965.D
 Acq: 11 Aug 2015 17:00

Instrument :
 BNA_F
 ClientSampled :
 SOIL-2

Tgt Ion:188 Resp: 391081
 Ion Ratio Lower Upper
 188 100
 94 9.2 8.8 13.2
 80 10.5 9.5 14.3

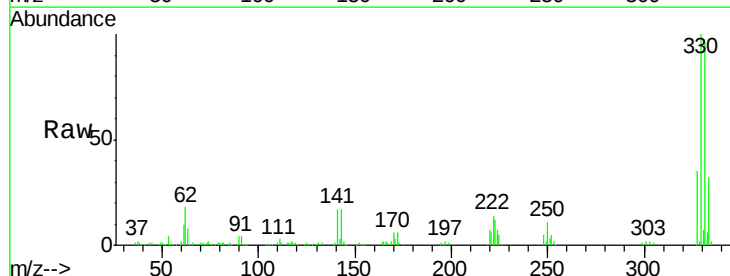


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

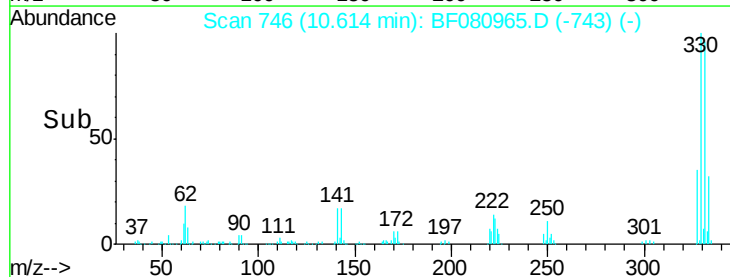
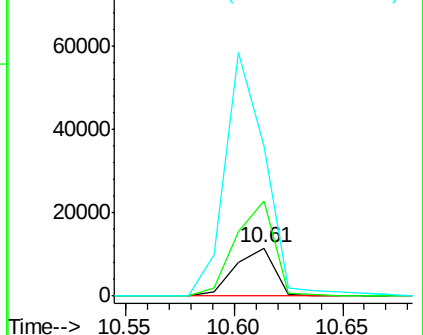


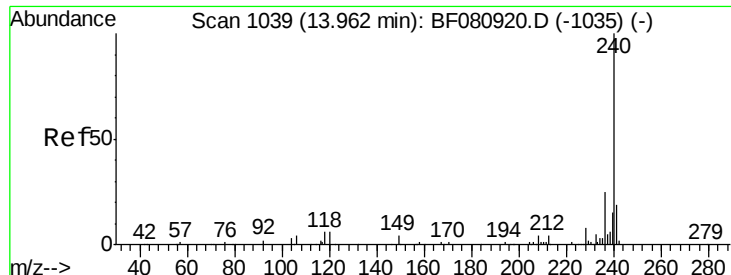
#66
 4-Bromophenyl-phenylether
 Concen: 3.43 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.26 min
 Lab File: BF080965.D
 Acq: 11 Aug 2015 17:00

Tgt Ion:248 Resp: 14211
 Ion Ratio Lower Upper
 248 100
 250 197.9 78.1 117.1#
 141 312.4 69.6 104.4#



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: 13.93 min Scan# 1036

Delta R.T. -0.03 min

Lab File: BF080965.D

Acq: 11 Aug 2015 17:00

Instrument :

BNA_F

ClientSampleId :

SOIL-2

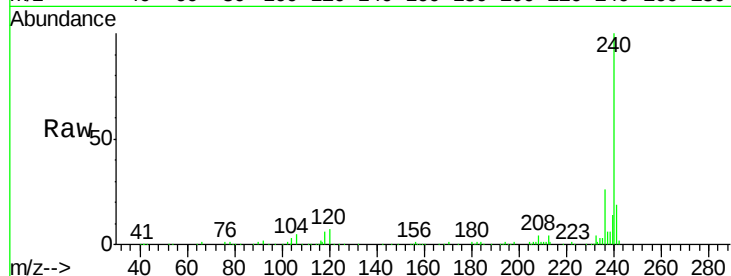
Tgt Ion:240 Resp: 337026

Ion Ratio Lower Upper

240 100

120 7.1 5.2 7.8

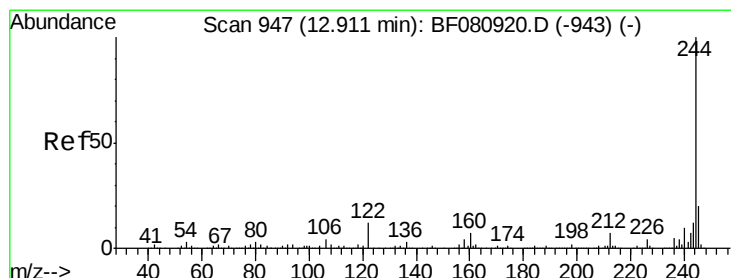
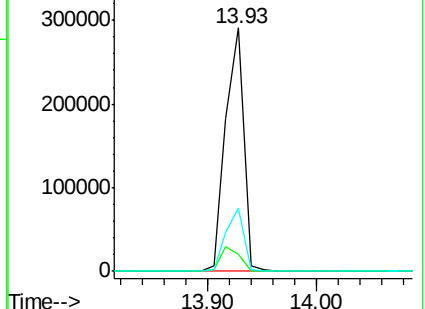
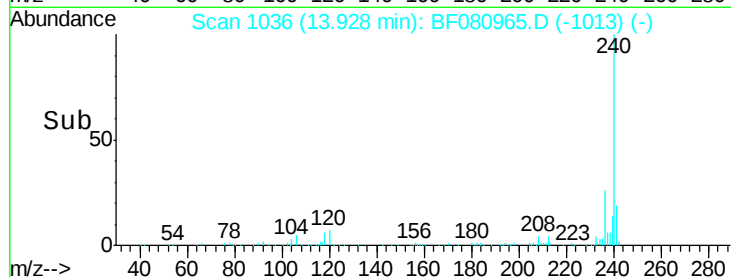
236 26.1 20.2 30.4



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: 55.92 ng

RT: 12.89 min Scan# 945

Delta R.T. -0.02 min

Lab File: BF080965.D

Acq: 11 Aug 2015 17:00

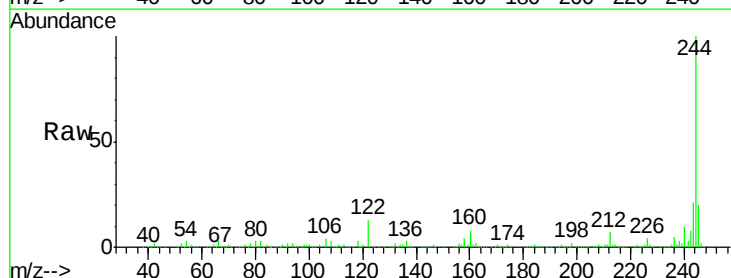
Tgt Ion:244 Resp: 912414

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

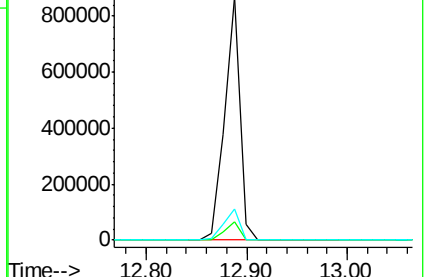
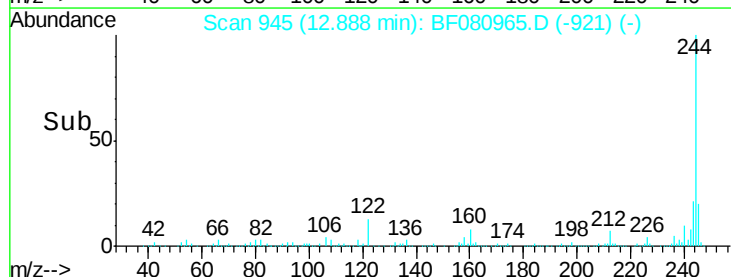
122 12.8 9.4 14.2

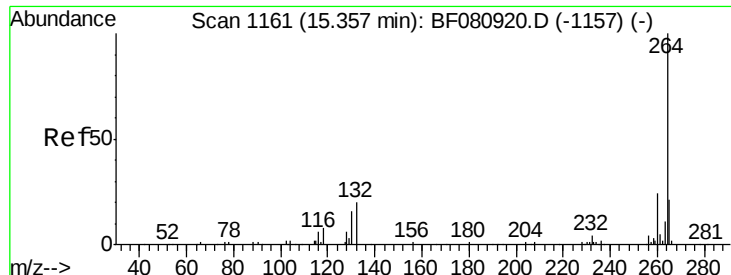


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

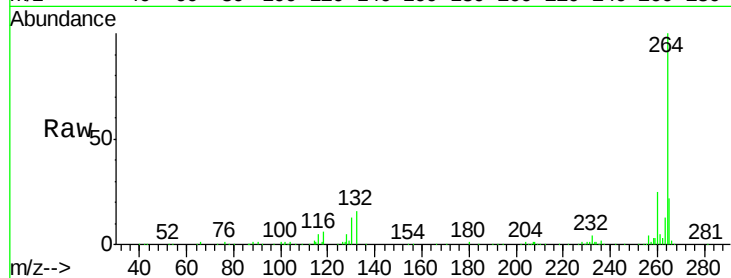




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.32 min Scan# 1158
Delta R.T. -0.03 min
Lab File: BF080965.D
Acq: 11 Aug 2015 17:00

Instrument :
BNA_F
ClientSampleId :
SOIL-2

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.0
265	21.9	17.0	25.4



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

