

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121415\
 Data File : BF083780.D
 Acq On : 14 Dec 2015 20:30
 Operator : UM/IZ
 Sample : G4760-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC121015-SOIL-POPH

Quant Time: Dec 15 02:39:30 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 01:30:12 2015
 Response via : Initial Calibration

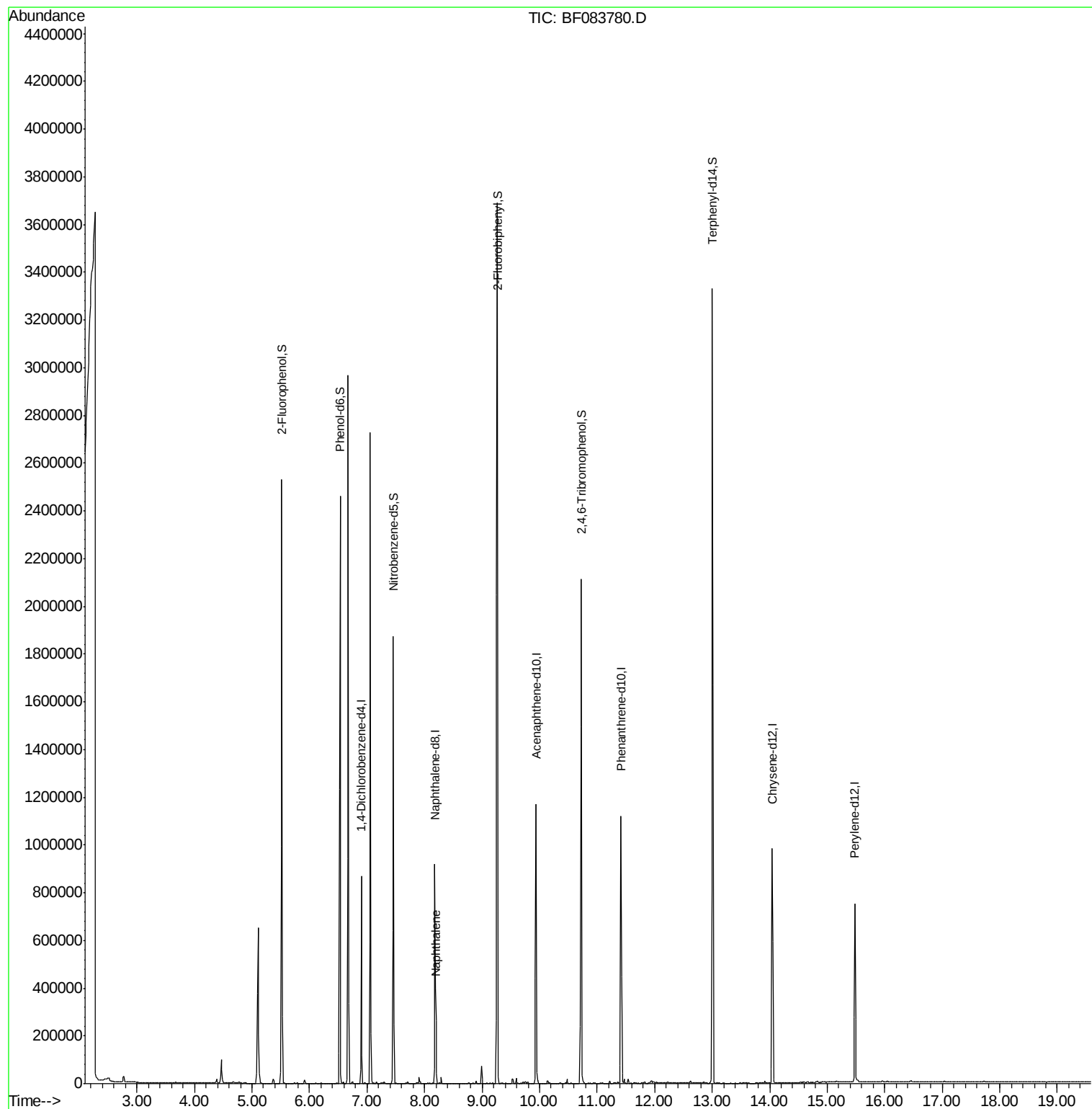
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	119998	20.00	ng	-0.02
21) Naphthalene-d8	8.18	136	469291	20.00	ng	-0.03
38) Acenaphthene-d10	9.94	164	247978	20.00	ng	-0.02
63) Phenanthrene-d10	11.41	188	445605	20.00	ng	-0.03
75) Chrysene-d12	14.04	240	407486	20.00	ng	-0.03
86) Perylene-d12	15.48	264	329249	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	784304	105.44	ng	-0.01
7) Phenol-d6	6.53	99	982052	104.26	ng	-0.01
23) Nitrobenzene-d5	7.46	82	657072	78.33	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	365121	144.50	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	1378387	79.99	ng	-0.02
78) Terphenyl-d14	13.00	244	1333336	70.38	ng	-0.02
Target Compounds						
31) Naphthalene	8.20	128	111458	4.56	ng	Qvalue 99

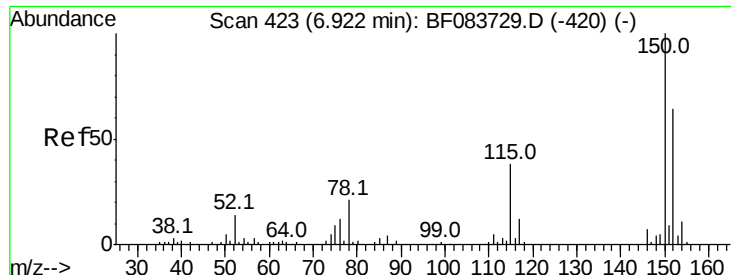
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.02 min

Lab File: BF083780.D

Acq: 14 Dec 2015 20:30

Instrument :

BNA_F

ClientSampleId :

WC121015-SOIL-POPH

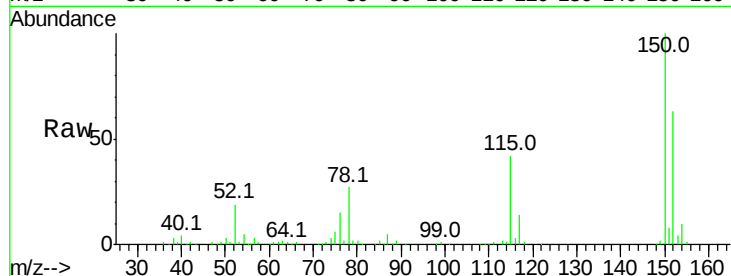
Tot Ion:152 Resp: 119998

Ion Ratio Lower Upper

152 100

150 159.4 126.5 189.7

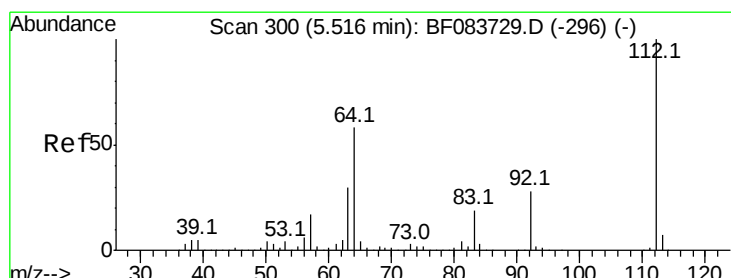
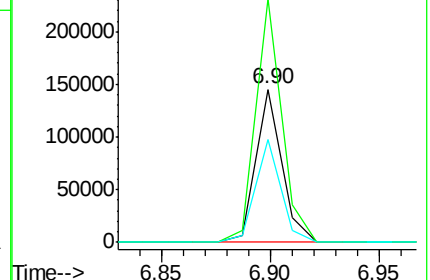
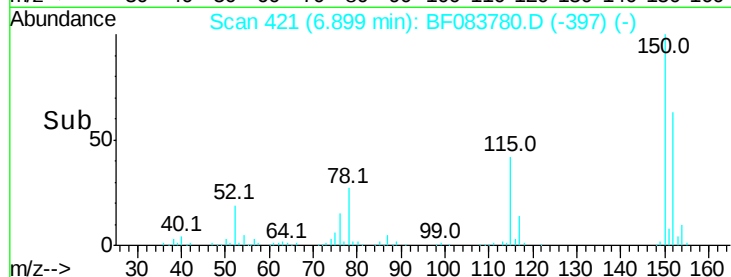
115 67.6 52.3 78.5



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: 105.44 ng

RT: 5.52 min Scan# 300

Delta R.T. -0.01 min

Lab File: BF083780.D

Acq: 14 Dec 2015 20:30

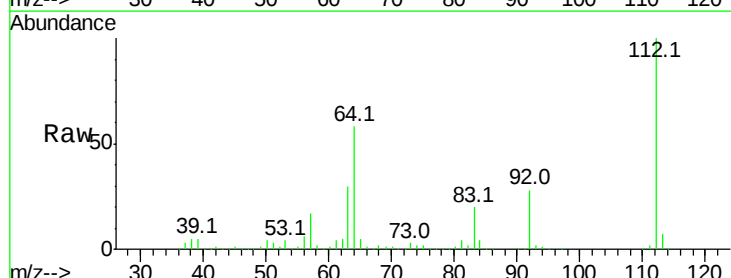
Tgt Ion:112 Resp: 784304

Ion Ratio Lower Upper

112 100

64 57.5 50.5 75.7

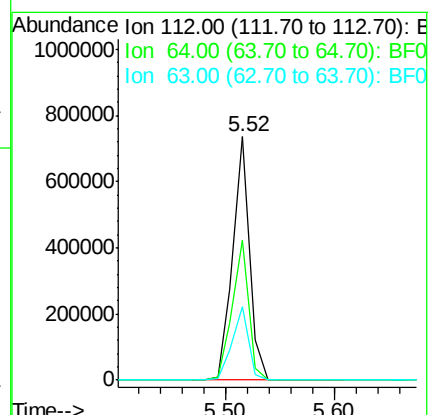
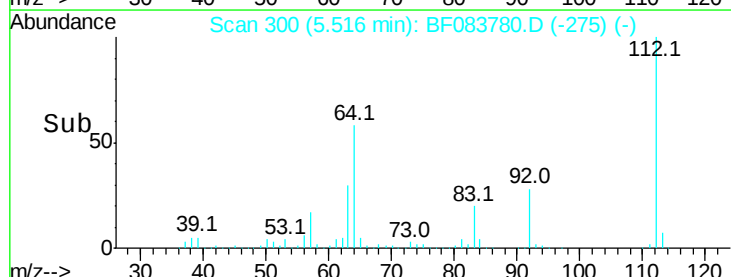
63 30.1 25.8 38.6

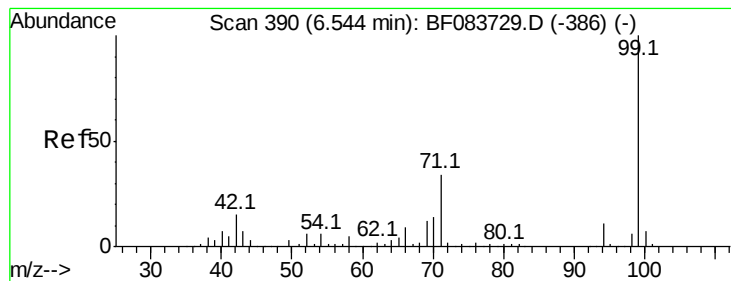


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 104.26 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF083780.D

Acq: 14 Dec 2015 20:30

Instrument :

BNA_F

ClientSampleId :

WC121015-SOIL-POPH

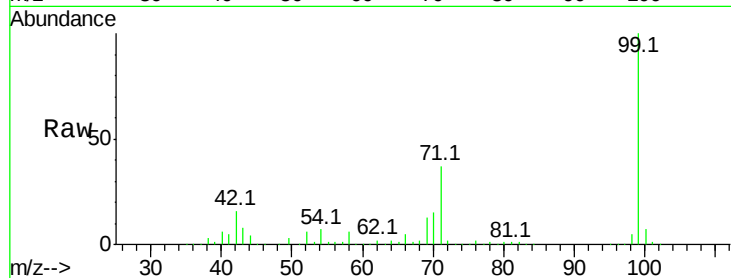
Tot Ion: 99 Resp: 982052

Ion Ratio Lower Upper

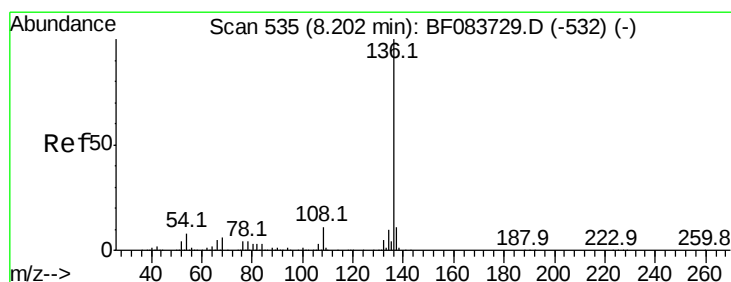
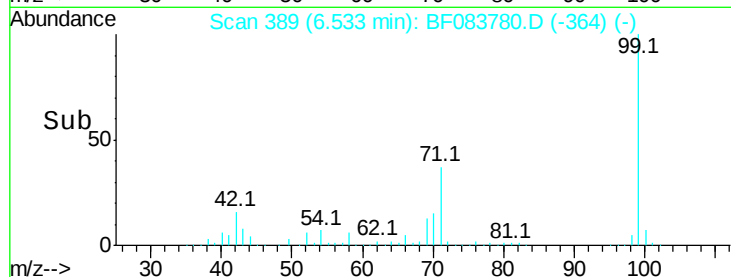
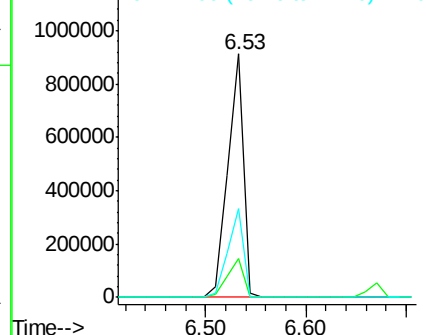
99 100

42 16.2 17.3 25.9#

71 36.7 26.6 40.0



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: 8.18 min Scan# 533

Delta R.T. -0.03 min

Lab File: BF083780.D

Acq: 14 Dec 2015 20:30

Tgt Ion: 136 Resp: 469291

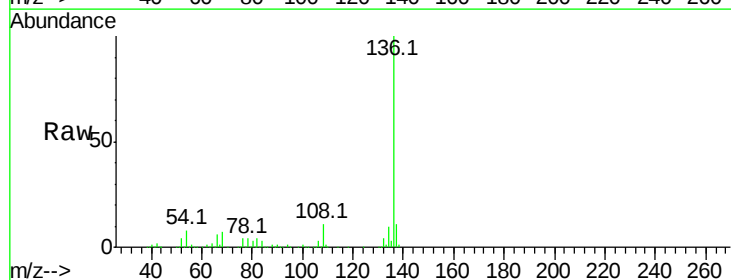
Ion Ratio Lower Upper

136 100

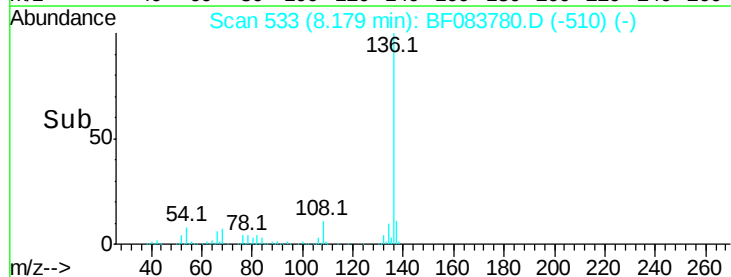
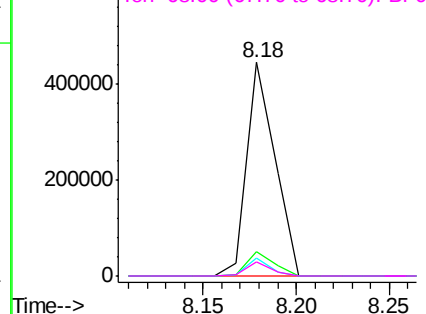
137 11.4 8.7 13.1

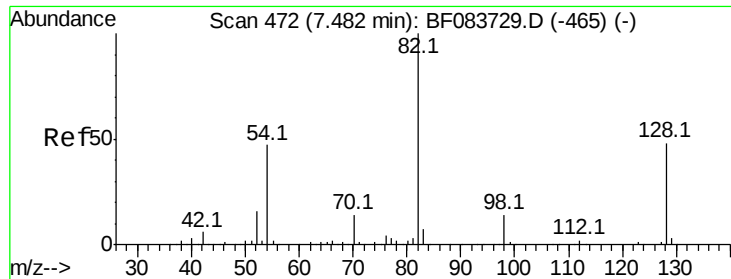
54 8.2 7.8 11.6

68 6.7 5.7 8.5



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

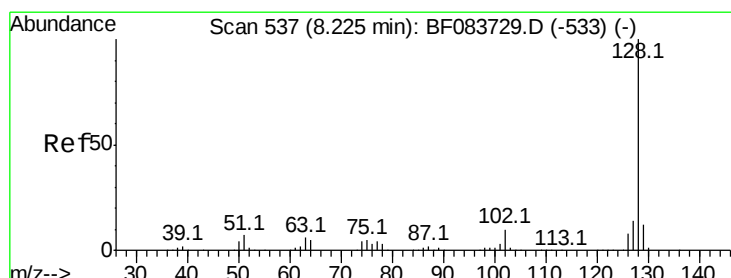
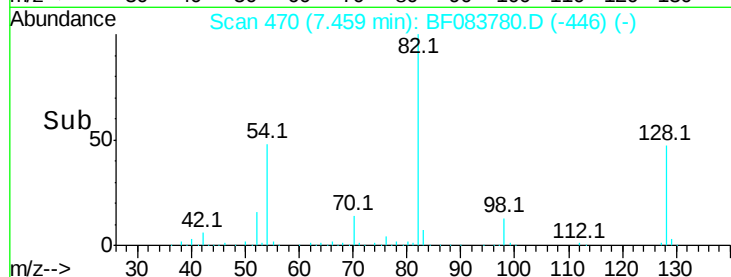
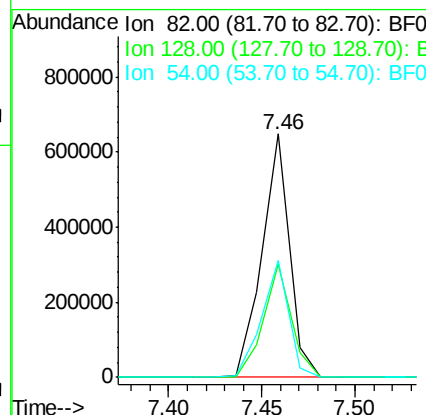
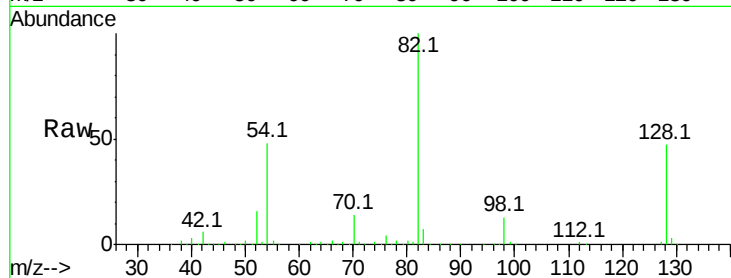




#23
 Nitrobenzene-d5
 Concen: 78.33 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.02 min
 Lab File: BF083780.D
 Acq: 14 Dec 2015 20:30

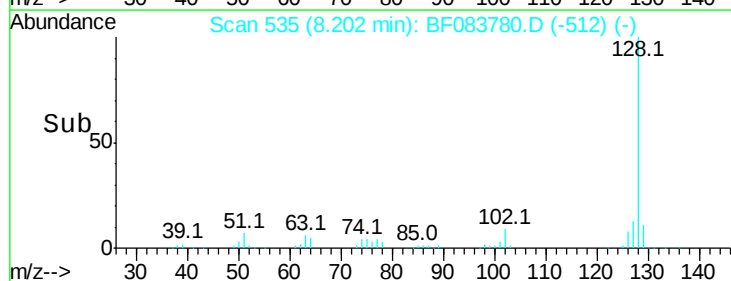
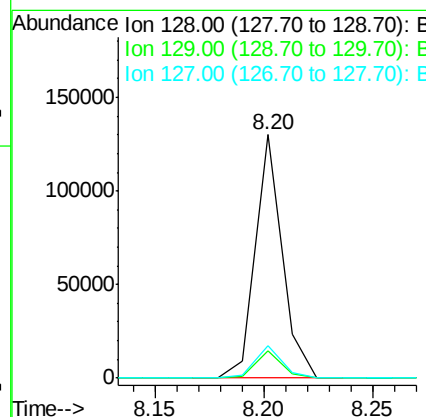
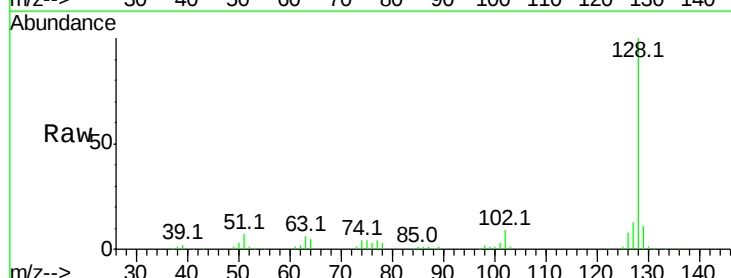
Instrument :
 BNA_F
 ClientSampleId :
 WC121015-SOIL-POPH

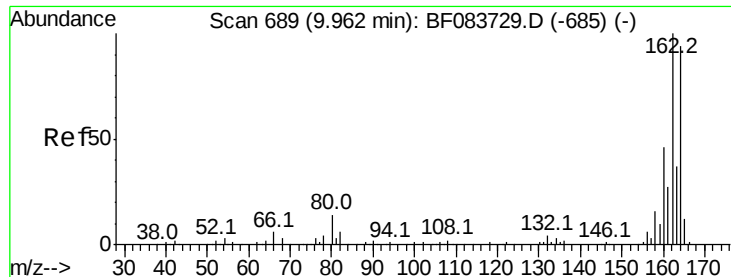
Tot Ion: 82 Resp: 657072
 Ion Ratio Lower Upper
 82 100
 128 46.7 30.7 46.1#
 54 47.8 42.5 63.7



#31
 Naphthalene
 Concen: 4.56 ng
 RT: 8.20 min Scan# 535
 Delta R.T. -0.03 min
 Lab File: BF083780.D
 Acq: 14 Dec 2015 20:30

Tgt Ion: 128 Resp: 111458
 Ion Ratio Lower Upper
 128 100
 129 11.3 8.6 13.0
 127 13.3 10.6 16.0

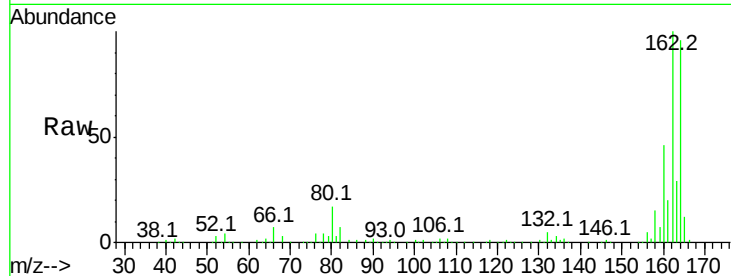




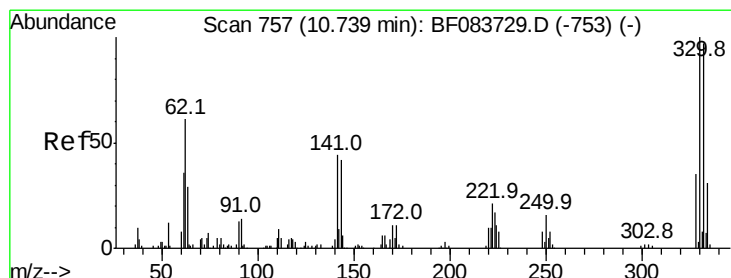
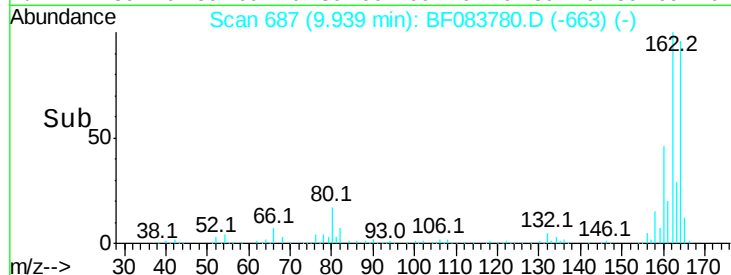
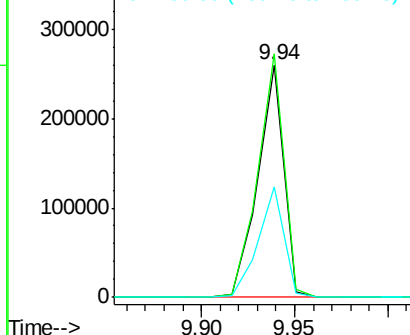
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF083780.D
Acq: 14 Dec 2015 20:30

Instrument :
BNA_F
ClientSampleId :
WC121015-SOIL-POPH

Tot Ion:164 Resp: 247978
Ion Ratio Lower Upper
164 100
162 104.7 78.8 118.2
160 47.7 33.4 50.2

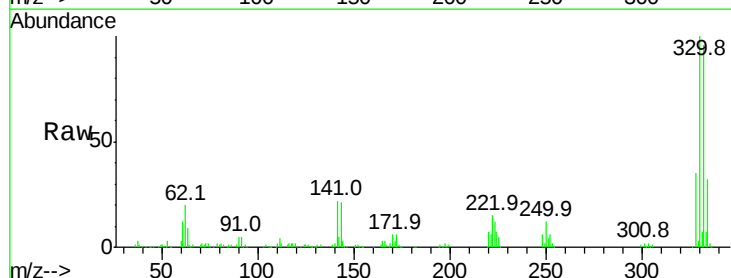


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

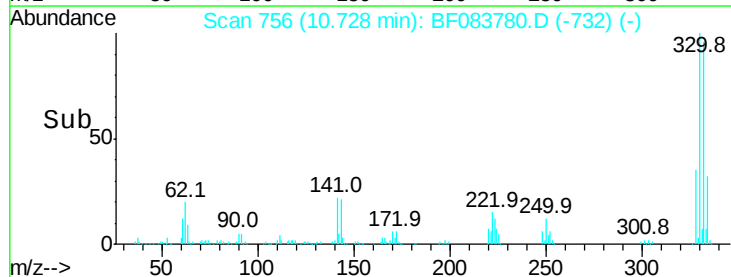
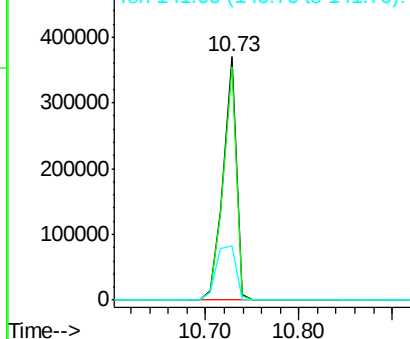


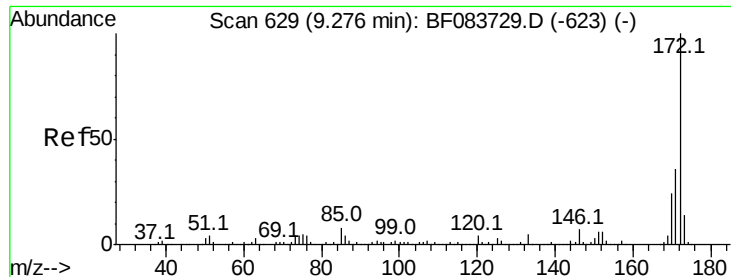
#41
2,4,6-Tribromophenol
Concen: 144.50 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.02 min
Lab File: BF083780.D
Acq: 14 Dec 2015 20:30

Tgt Ion:330 Resp: 365121
Ion Ratio Lower Upper
330 100
332 95.9 0.0 0.0#
141 33.3 0.0 0.0#



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



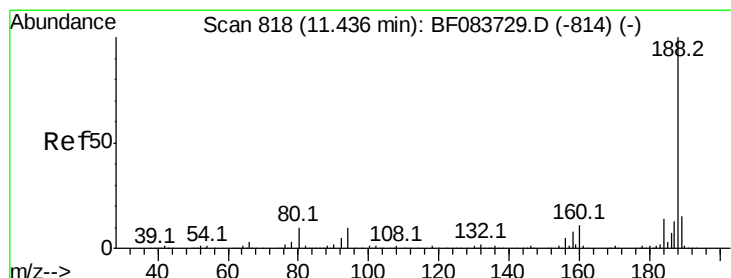
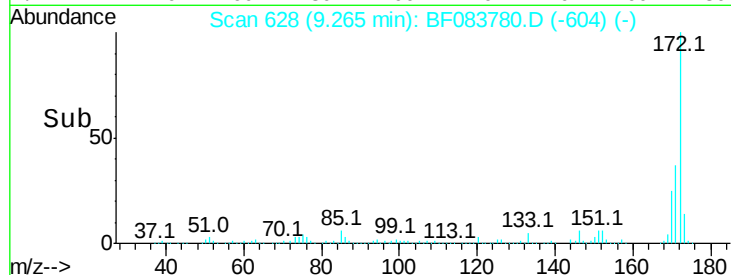
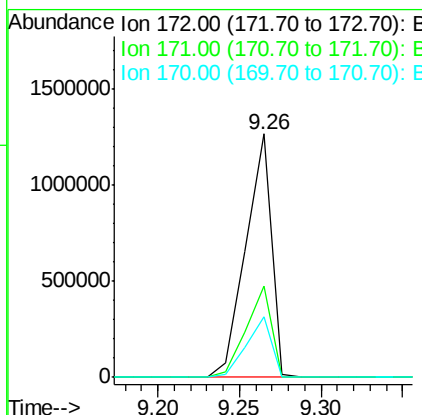
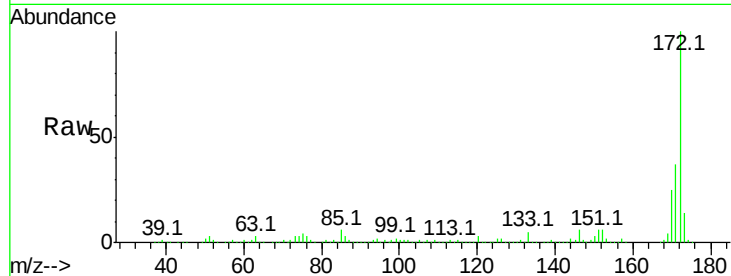


#44
 2-Fluorobiphenyl
 Concen: 79.99 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF083780.D
 Acq: 14 Dec 2015 20:30

Instrument :
 BNA_F
 ClientSampleId :
 WC121015-SOIL-POPH

Tot Ion:172 Resp: 1378387

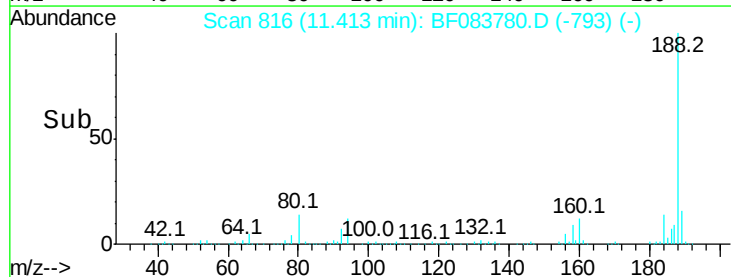
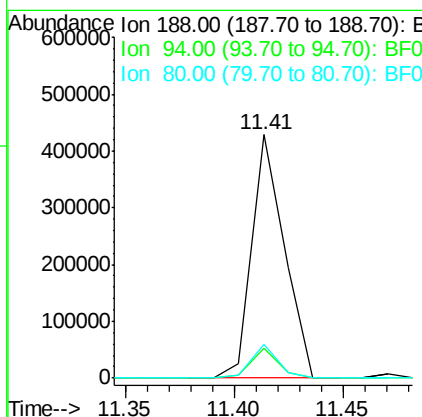
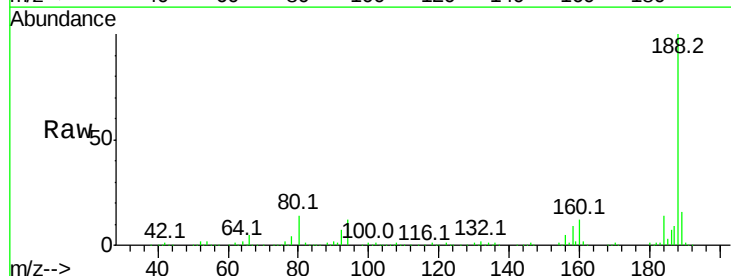
Ion	Ratio	Lower	Upper
172	100		
171	37.4	28.6	42.8
170	24.9	19.4	29.0

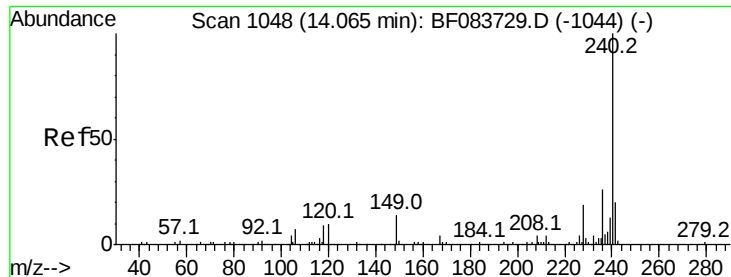


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.03 min
 Lab File: BF083780.D
 Acq: 14 Dec 2015 20:30

Tgt Ion:188 Resp: 445605

Ion	Ratio	Lower	Upper
188	100		
94	12.4	9.4	14.2
80	14.0	10.6	16.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 1046

Delta R.T. -0.03 min

Lab File: BF083780.D

Acq: 14 Dec 2015 20:30

Instrument :

BNA_F

ClientSampleId :

WC121015-SOIL-POPH

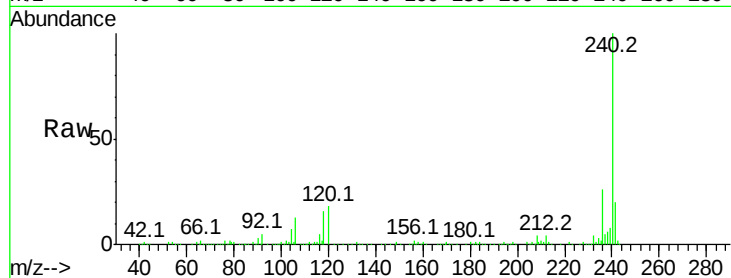
Tot Ion:240 Resp: 407486

Ion Ratio Lower Upper

240 100

120 18.1 8.1 12.1#

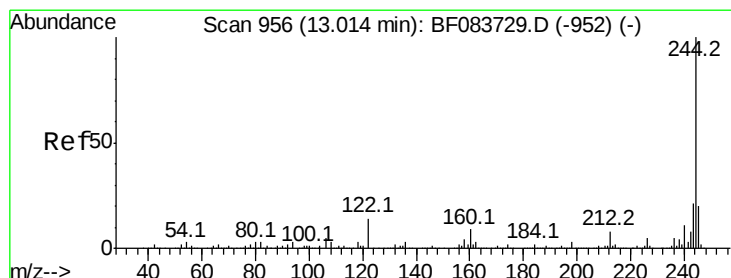
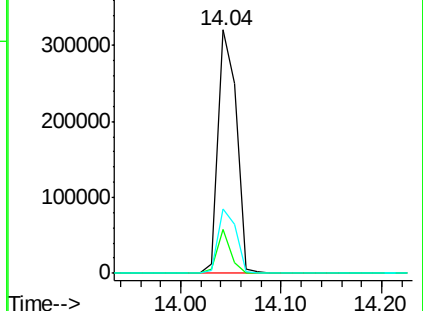
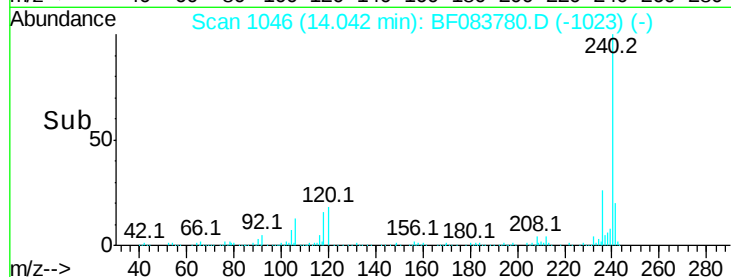
236 26.4 20.8 31.2



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: 70.38 ng

RT: 13.00 min Scan# 955

Delta R.T. -0.02 min

Lab File: BF083780.D

Acq: 14 Dec 2015 20:30

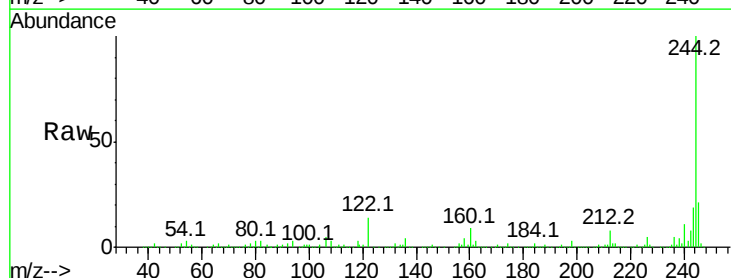
Tgt Ion:244 Resp: 1333336

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

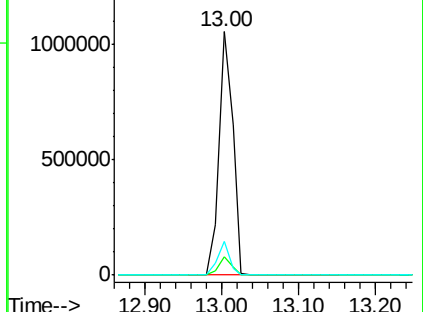
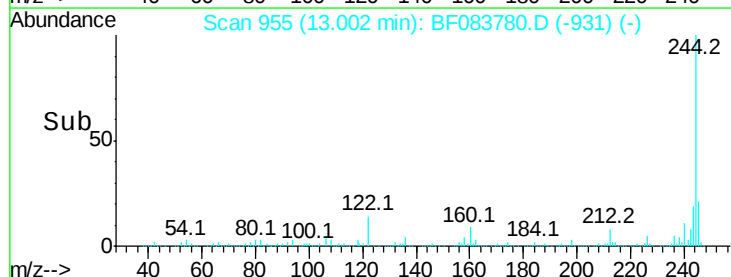
122 13.8 11.0 16.6

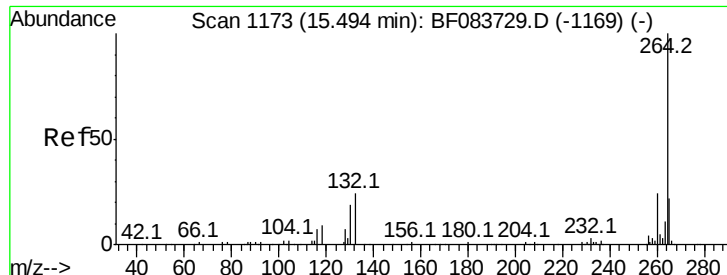


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

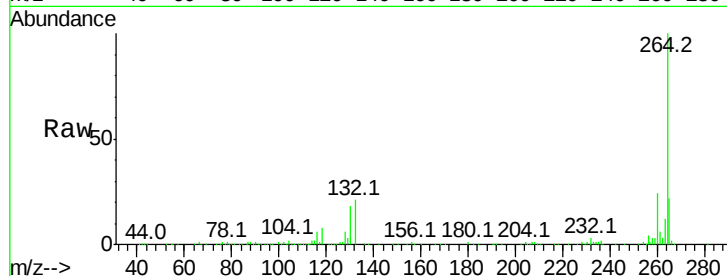




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. -0.02 min
 Lab File: BF083780.D
 Acq: 14 Dec 2015 20:30

Instrument :
 BNA_F
 ClientSampleId :
 WC121015-SOIL-POPH

Tot Ion: 264 Resp: 329249
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.0
 265 21.7 17.8 26.6



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

