

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
 Data File : BF084031.D
 Acq On : 23 Dec 2015 11:15
 Operator : UM/SJ
 Sample : G4919-05
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-FOR-MATRIX-SPIKE

Quant Time: Dec 23 11:41:37 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 22 18:54:09 2015
 Response via : Initial Calibration

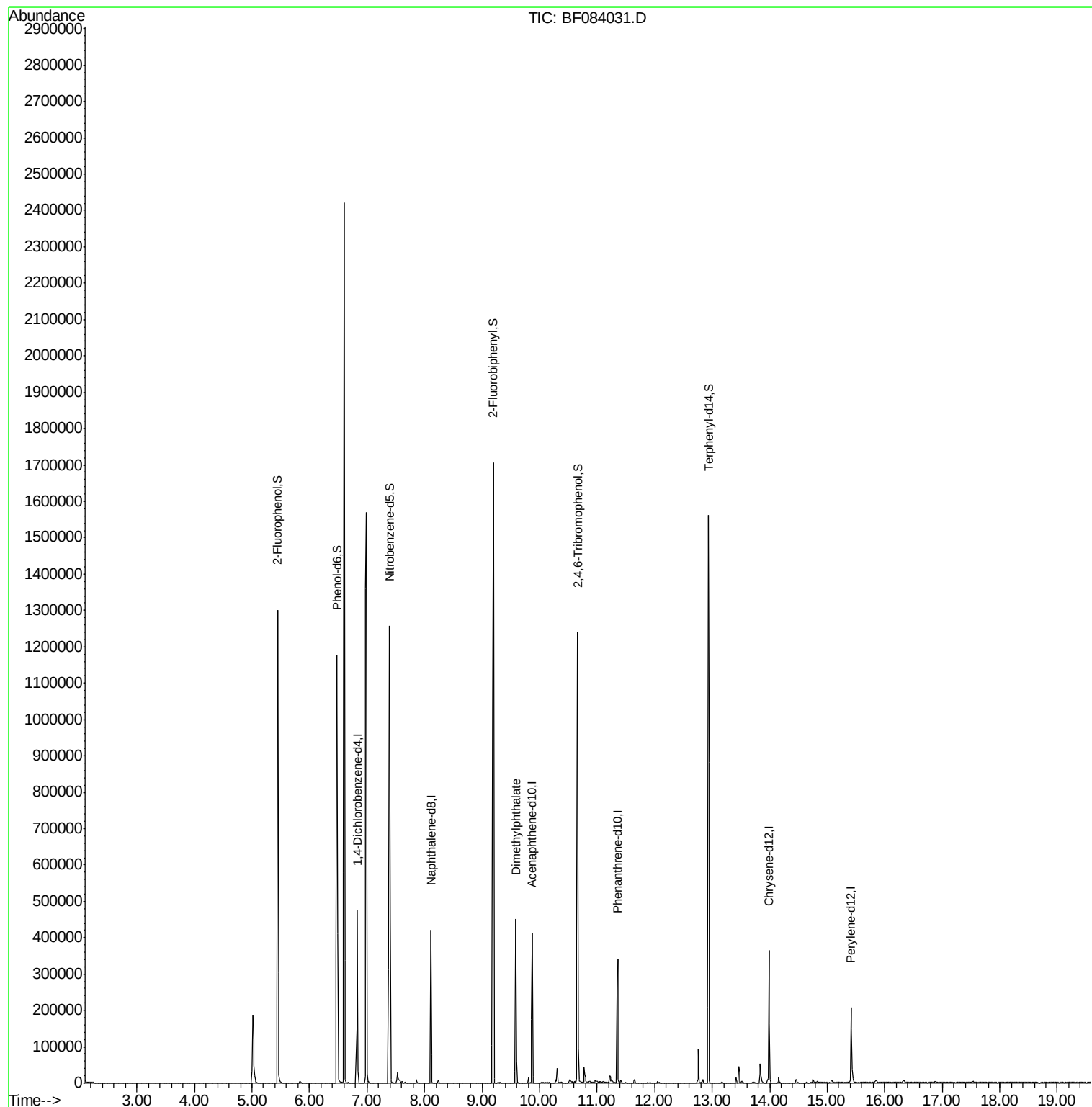
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	80254	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	188397	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	91962	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	169017	20.00	ng	0.00
75) Chrysene-d12	13.99	240	140218	20.00	ng	-0.01
86) Perylene-d12	15.41	264	105134	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	381011	80.95	ng	0.01
7) Phenol-d6	6.48	99	508065	91.80	ng	0.00
23) Nitrobenzene-d5	7.39	82	487872	159.08	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	142788	161.43	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	677745	99.18	ng	0.00
78) Terphenyl-d14	12.93	244	607548	103.33	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.58	163	169003	23.49	ng	Qvalue # 90

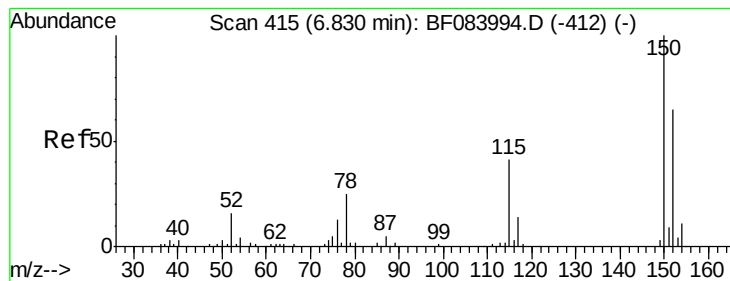
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 22 18:54:09 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF084031.D

Acq: 23 Dec 2015 11:15

Instrument :

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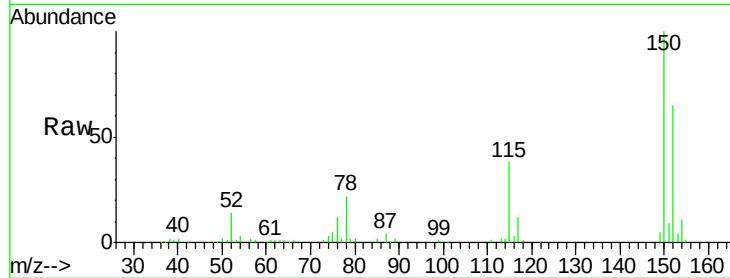
Tot Ion:152 Resp: 80254

Ion Ratio Lower Upper

152 100

150 153.3 123.0 184.4

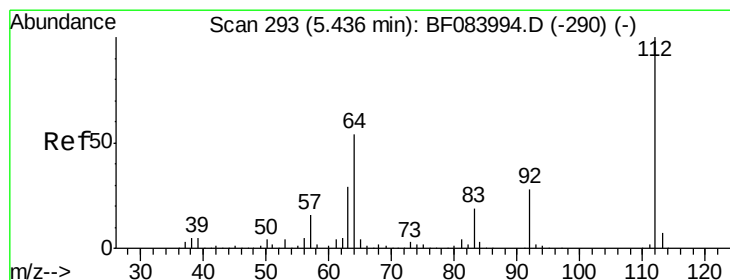
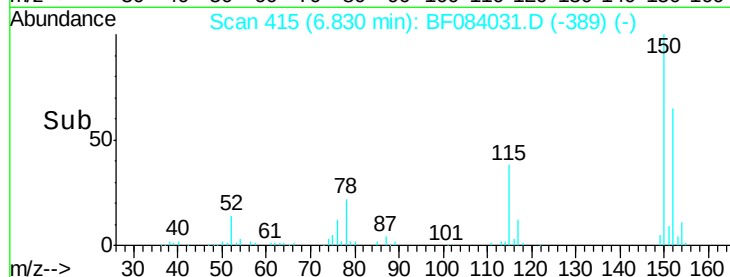
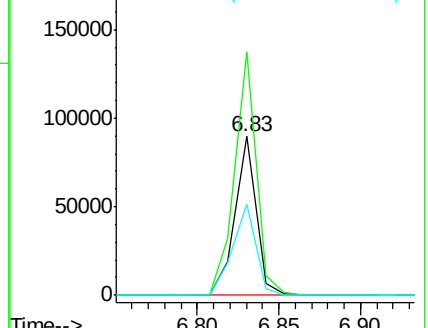
115 57.8 51.4 77.2



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: 80.95 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.01 min

Lab File: BF084031.D

Acq: 23 Dec 2015 11:15

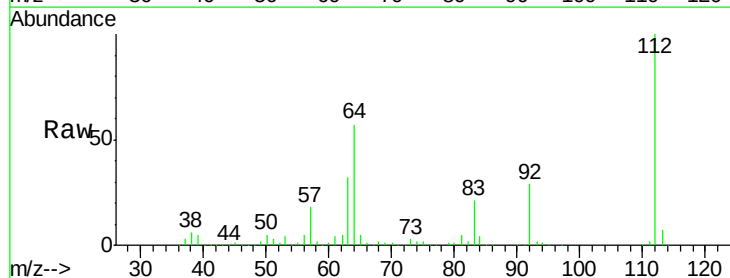
Tgt Ion:112 Resp: 381011

Ion Ratio Lower Upper

112 100

64 57.0 36.6 55.0#

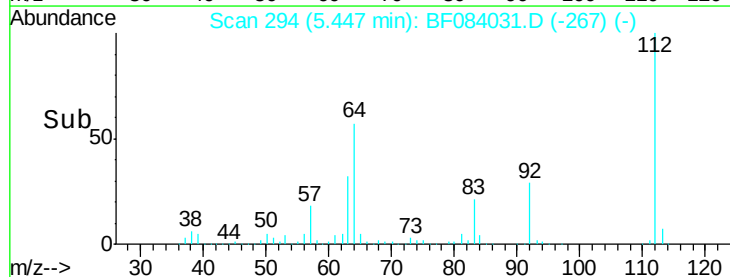
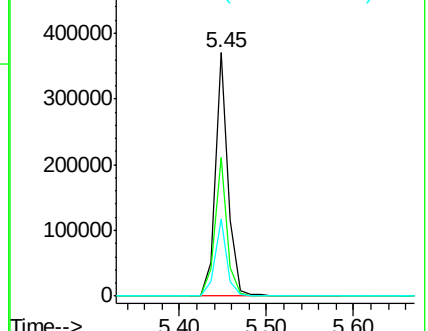
63 31.6 19.4 29.0#

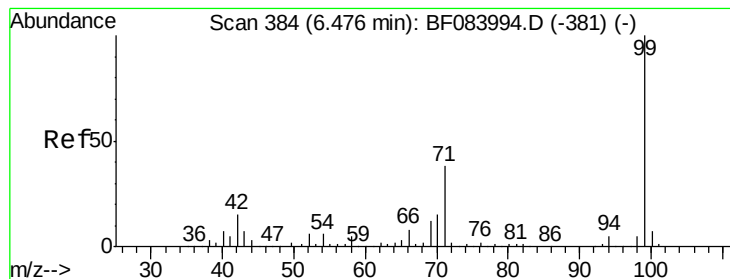


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 91.80 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF084031.D

Acq: 23 Dec 2015 11:15

Instrument :

BNA_F

ClientSampleId :

SOIL-FOR-MATRIX-SPIKE

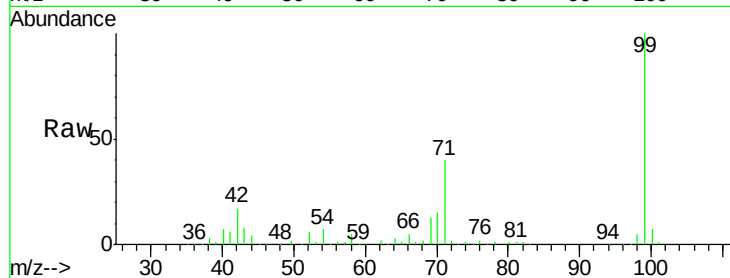
Tot Ion: 99 Resp: 508065

Ion Ratio Lower Upper

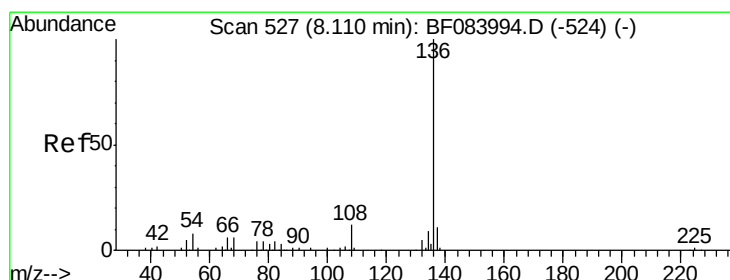
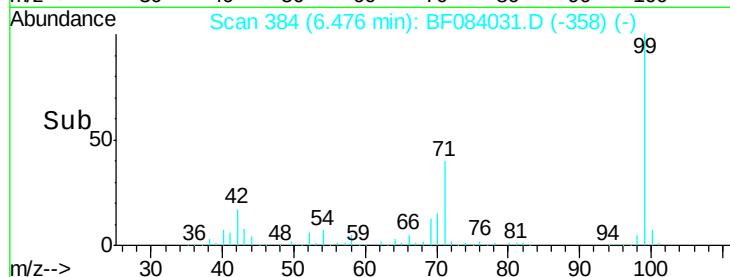
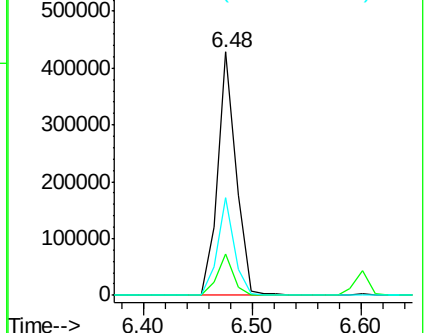
99 100

42 16.9 12.8 19.2

71 40.0 30.9 46.3



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: 8.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF084031.D

Acq: 23 Dec 2015 11:15

Tgt Ion: 136 Resp: 188397

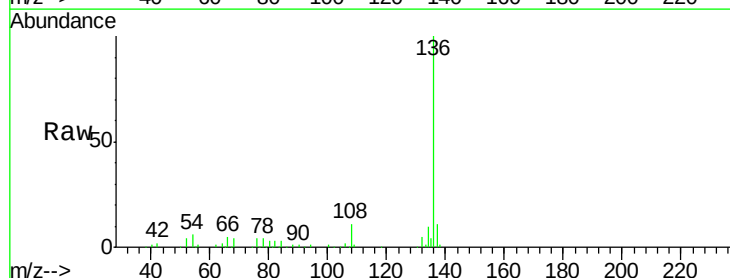
Ion Ratio Lower Upper

136 100

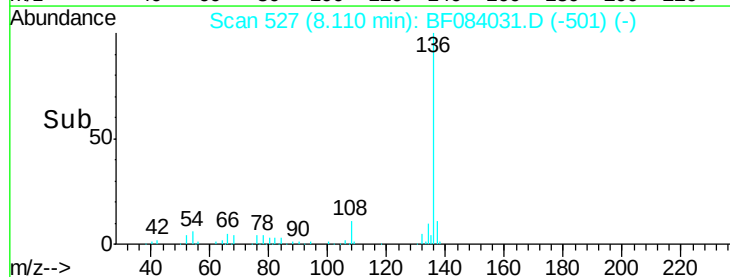
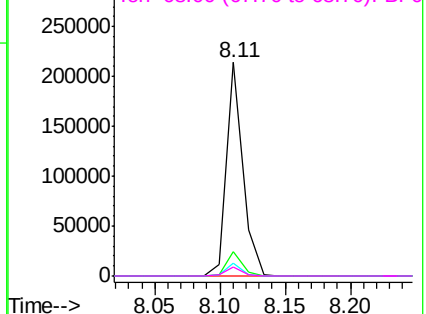
137 11.2 8.7 13.1

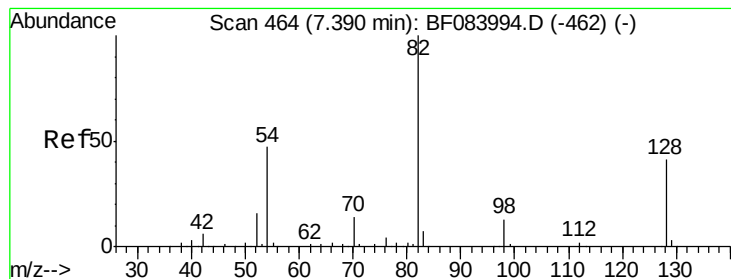
54 6.3 5.8 8.8

68 4.3 4.2 6.2



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: 159.08 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.00 min

Lab File: BF084031.D

Acq: 23 Dec 2015 11:15

Instrument :

BNA_F

ClientSampleId :

SOIL-FOR-MATRIX-SPIKE

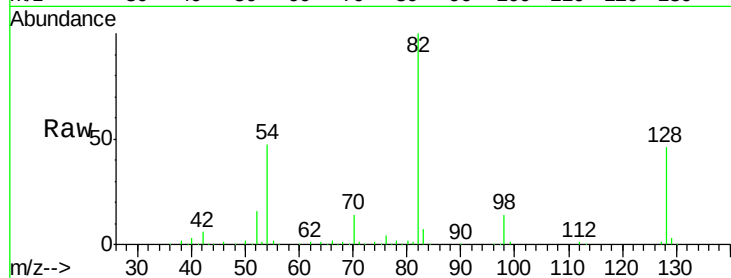
Tot Ion: 82 Resp: 487872

Ion Ratio Lower Upper

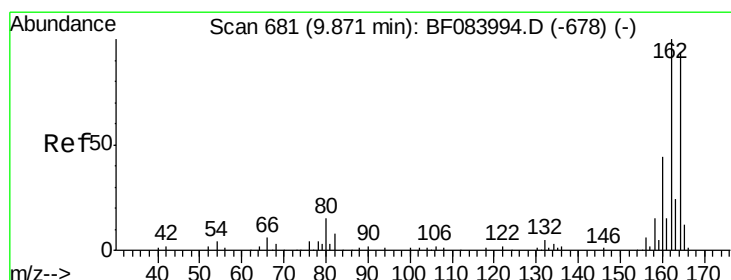
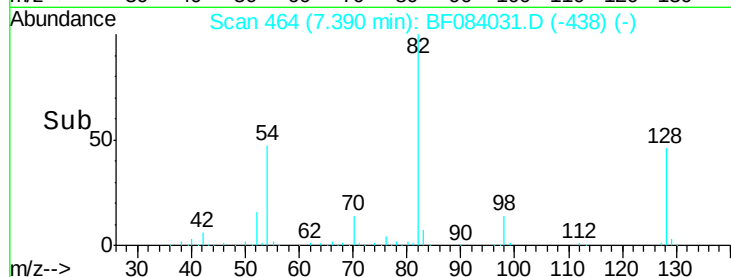
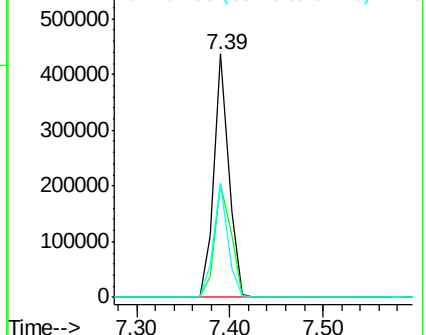
82 100

128 46.2 34.6 51.8

54 47.0 38.4 57.6



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF084031.D

Acq: 23 Dec 2015 11:15

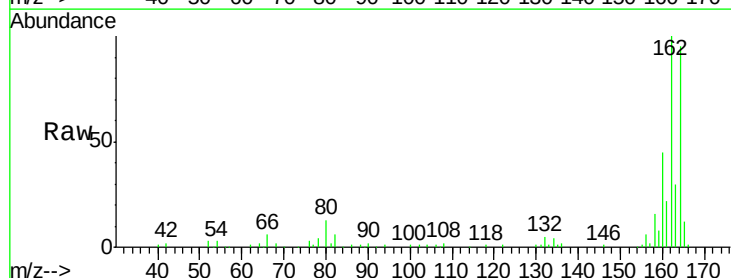
Tgt Ion:164 Resp: 91962

Ion Ratio Lower Upper

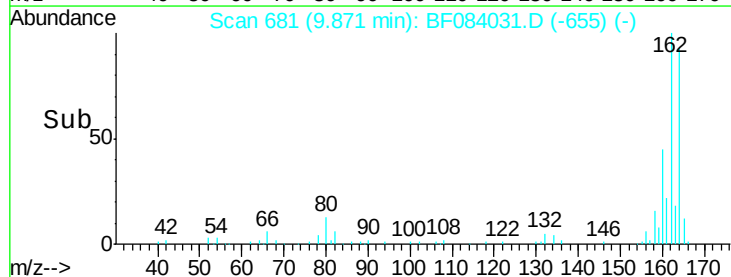
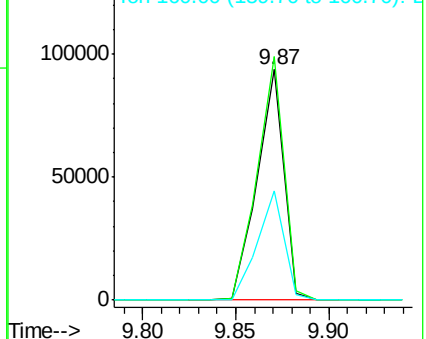
164 100

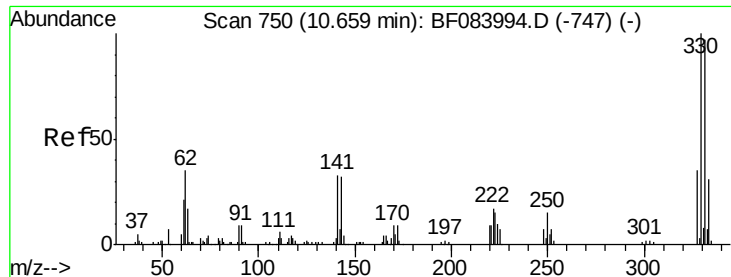
162 105.6 85.1 127.7

160 47.3 37.5 56.3



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

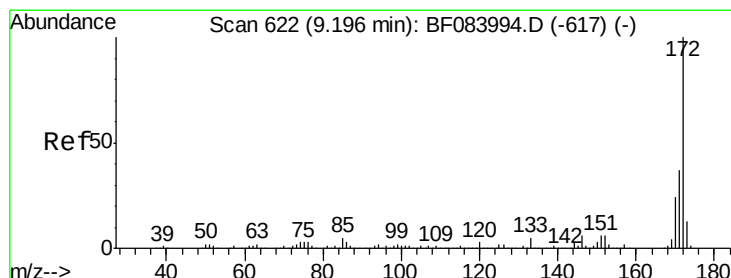
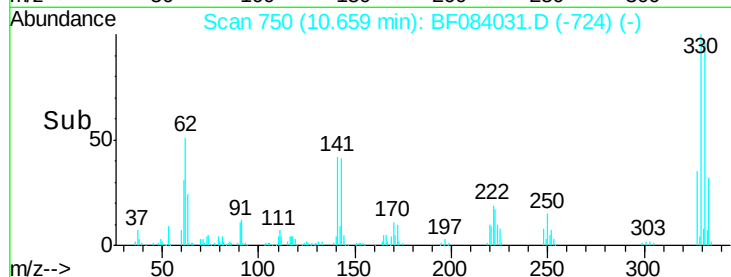
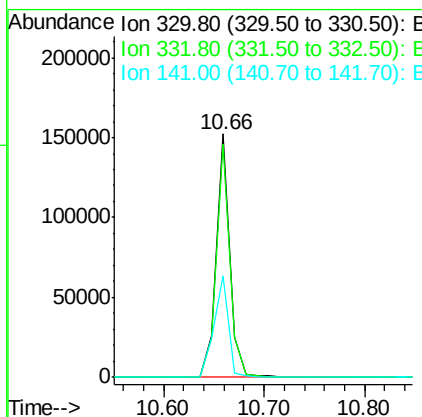
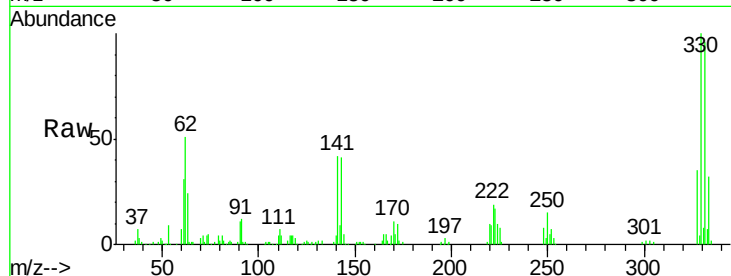




#41
 2,4,6-Tribromophenol
 Concen: 161.43 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF084031.D
 Acq: 23 Dec 2015 11:15

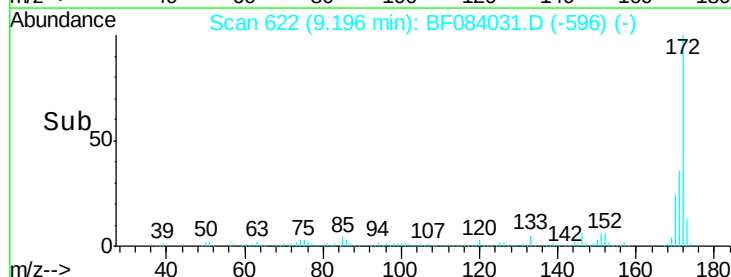
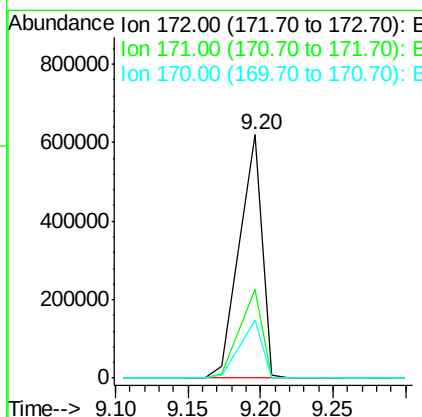
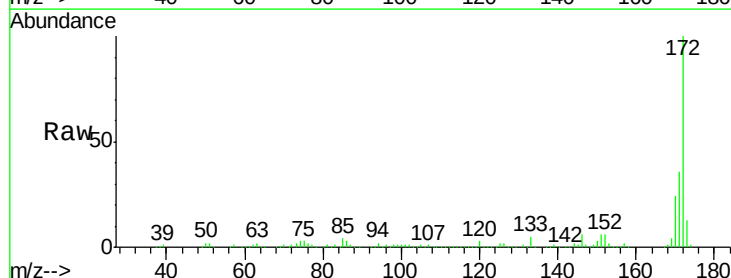
Instrument :
 BNA_F
 ClientSampleId :
 SOIL-FOR-MATRIX-SPIKE

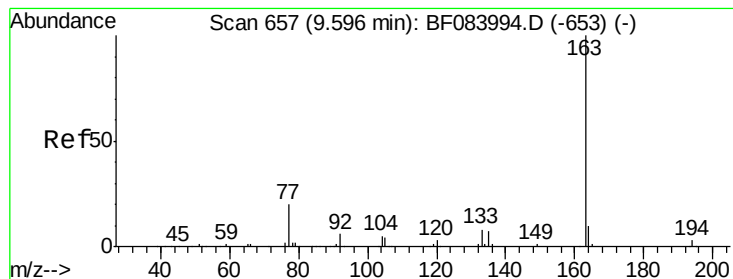
Tot Ion:330 Resp: 142788
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 114.8
 141 44.2 27.8 41.6#



#44
 2-Fluorobiphenyl
 Concen: 99.18 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF084031.D
 Acq: 23 Dec 2015 11:15

Tgt Ion:172 Resp: 677745
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.9 43.3
 170 23.7 18.6 27.8





#49

Dimethylphthalate

Concen: 23.49 ng

RT: 9.58 min Scan# 656

Delta R.T. -0.01 min

Lab File: BF084031.D

Acq: 23 Dec 2015 11:15

Instrument :

BNA_F

ClientSampleId :

SOIL-FOR-MATRIX-SPIKE

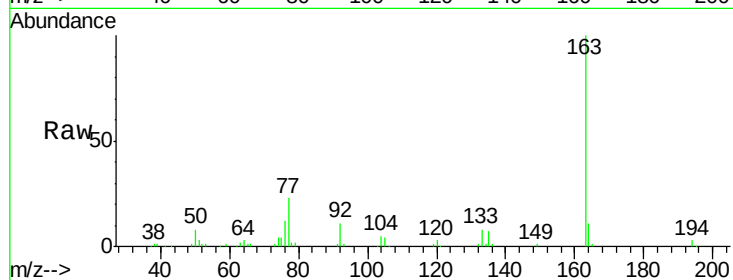
Tot Ion:163 Resp: 169003

Ion Ratio Lower Upper

163 100

194 3.1 8.0 12.0#

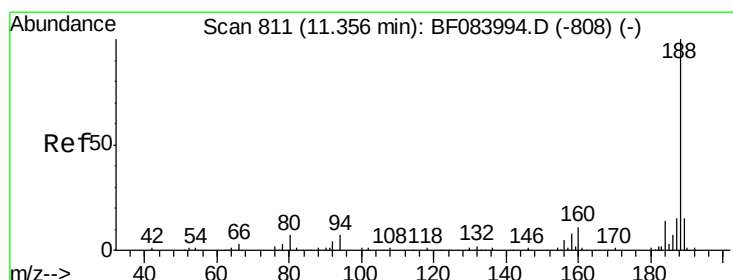
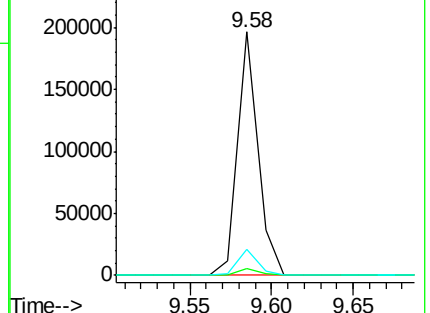
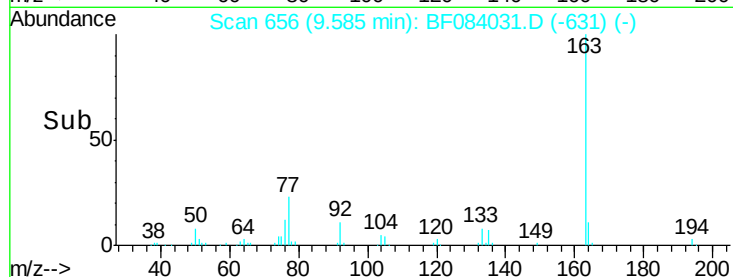
164 10.6 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF084031.D

Acq: 23 Dec 2015 11:15

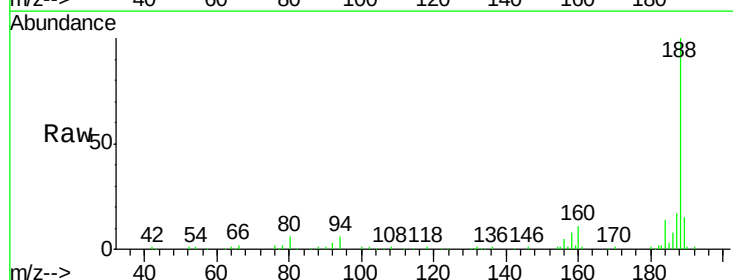
Tgt Ion:188 Resp: 169017

Ion Ratio Lower Upper

188 100

94 6.1 9.0 13.4#

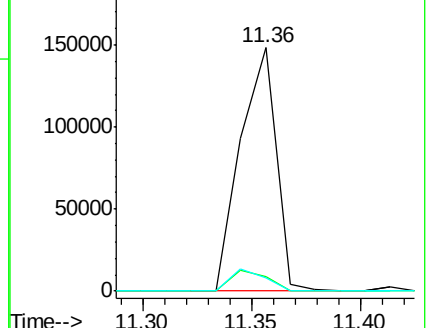
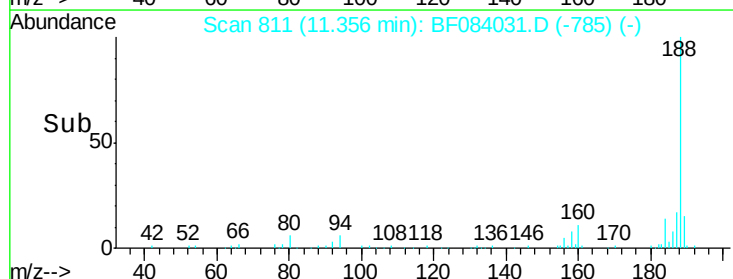
80 5.7 9.6 14.4#

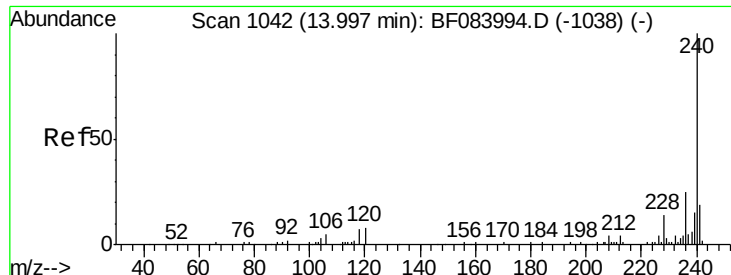


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

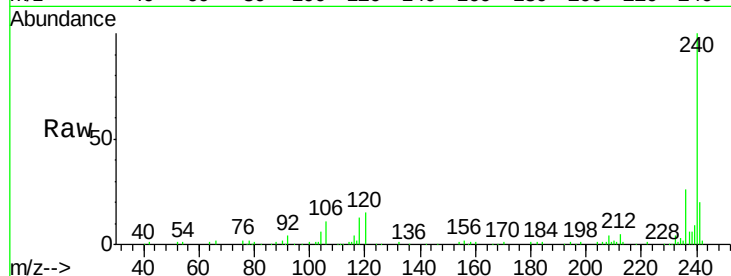




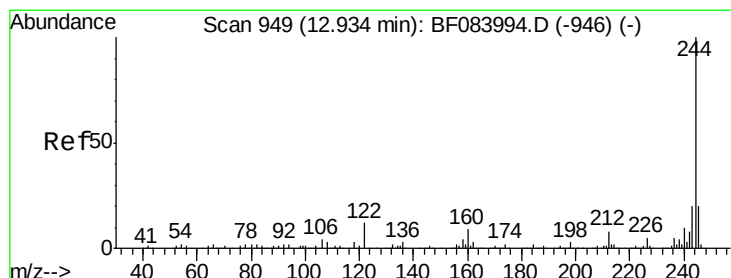
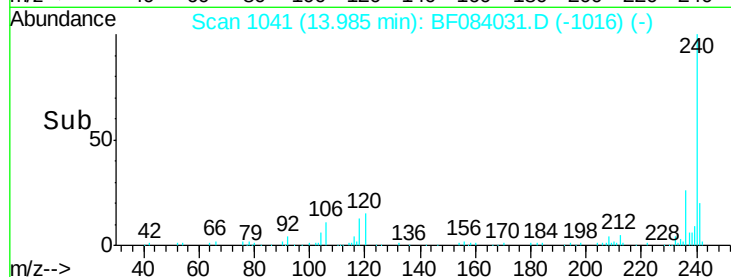
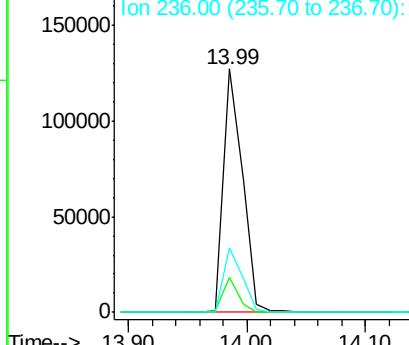
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF084031.D
Acq: 23 Dec 2015 11:15

Instrument :
BNA_F
ClientSampleId :
SOIL-FOR-MATRIX-SPIKE

Tot Ion:240 Resp: 140218
Ion Ratio Lower Upper
240 100
120 14.5 9.5 14.3#
236 26.4 20.6 31.0

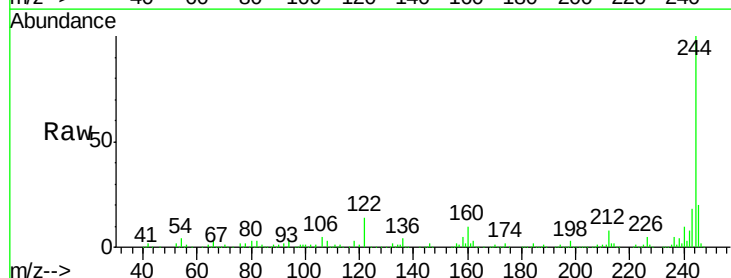


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

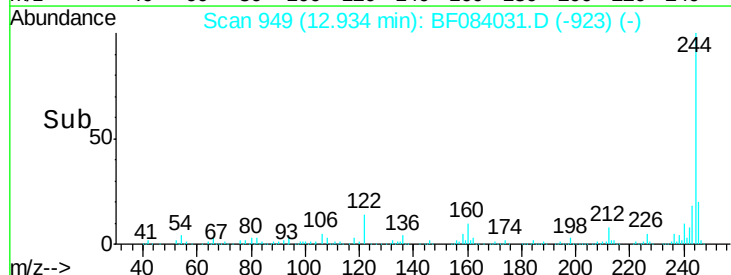
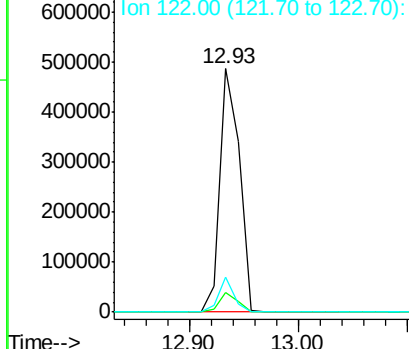


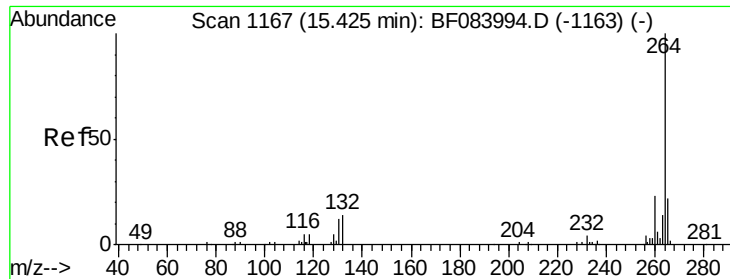
#78
Terphenyl-d14
Concen: 103.33 ng
RT: 12.93 min Scan# 949
Delta R.T. 0.00 min
Lab File: BF084031.D
Acq: 23 Dec 2015 11:15

Tgt Ion:244 Resp: 607548
Ion Ratio Lower Upper
244 100
212 7.9 5.7 8.5
122 14.4 7.4 11.0#



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

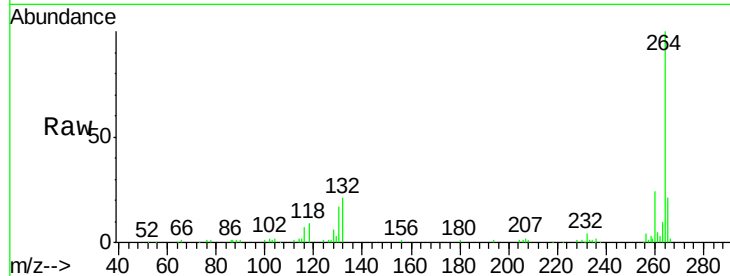




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BF084031.D
 Acq: 23 Dec 2015 11:15

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-FOR-MATRIX-SPIKE

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	21.0	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

