

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080615\
 Data File : BF080899.D
 Acq On : 6 Aug 2015 20:32
 Operator : TP/UM
 Sample : G3186-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-4

Quant Time: Aug 07 04:53:02 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 07 03:17:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	58038	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	226779	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	110139	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	229387	20.00	ng	0.00
75) Chrysene-d12	13.95	240	217276	20.00	ng	-0.01
86) Perylene-d12	15.36	264	188433	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	398239	109.39	ng	0.01
7) Phenol-d6	6.44	99	550623	109.87	ng	0.00
23) Nitrobenzene-d5	7.37	82	386950	80.38	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	170958	144.51	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	672147	86.98	ng	0.00
78) Terphenyl-d14	12.91	244	691689	67.12	ng	0.00

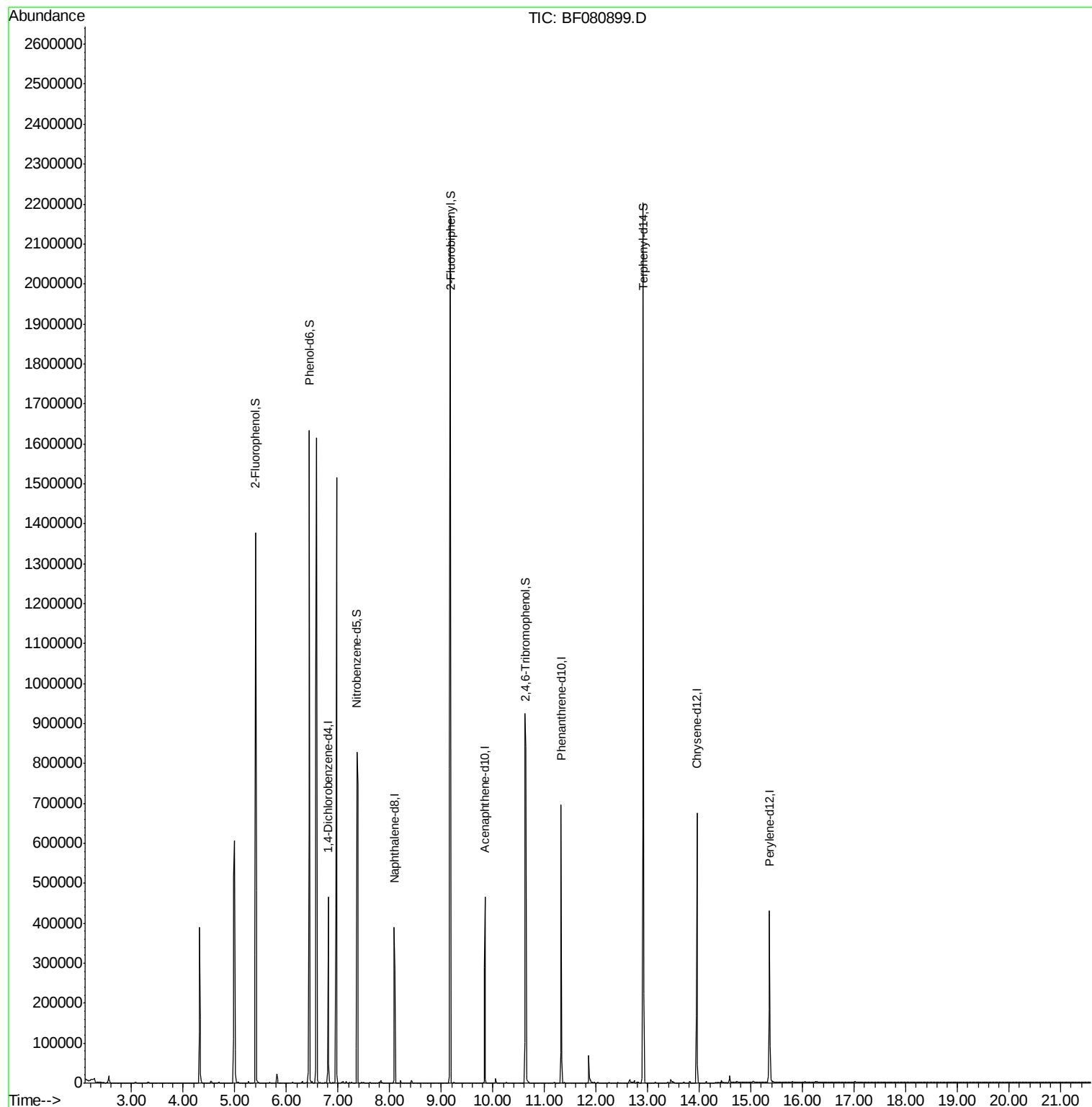
Target Compounds Qvalue

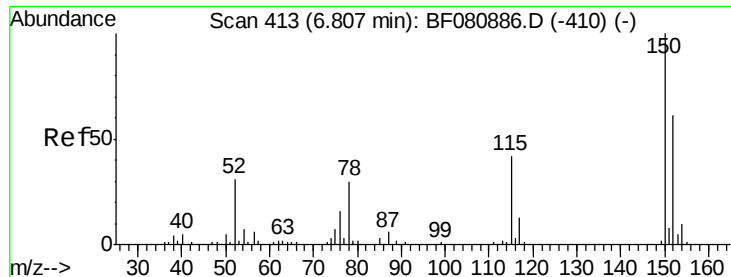
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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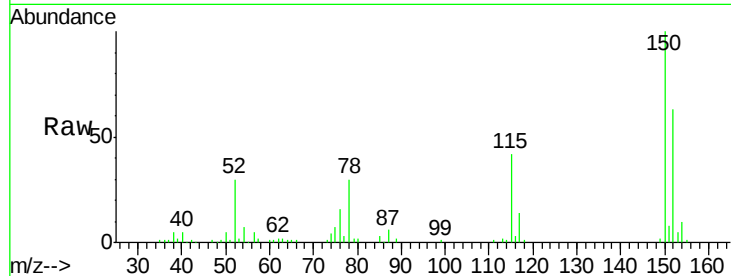


#1

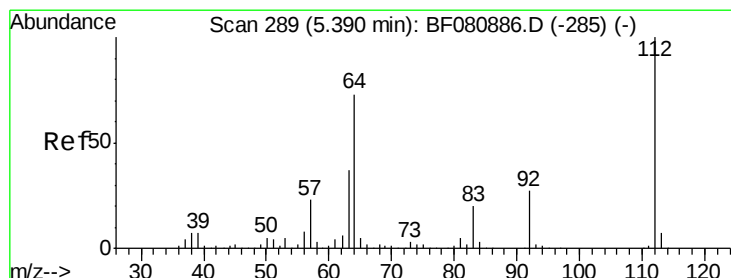
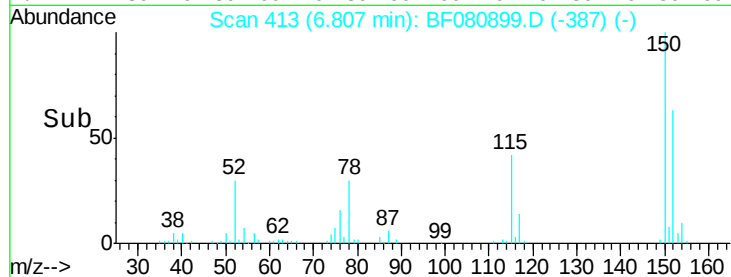
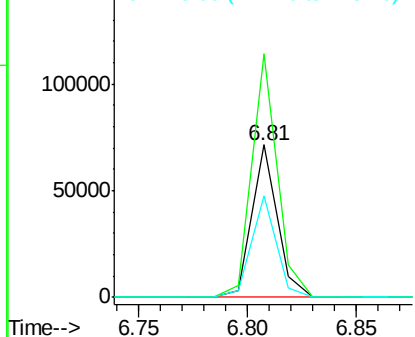
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.00 min
Lab File: BF080899.D
Acq: 6 Aug 2015 20:32

Instrument :
BNA_F
ClientSampleId :
SOIL-4

Tot Ion:152 Resp: 58038
Ion Ratio Lower Upper
152 100
150 159.8 132.2 198.2
115 66.7 54.9 82.3



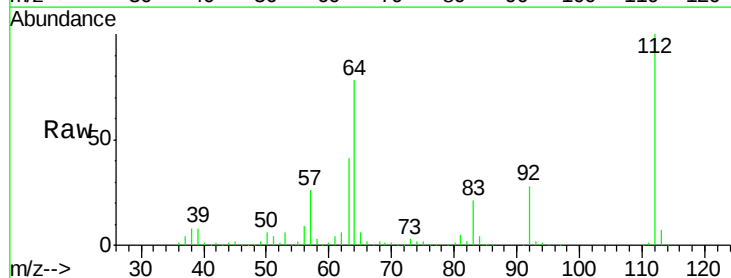
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



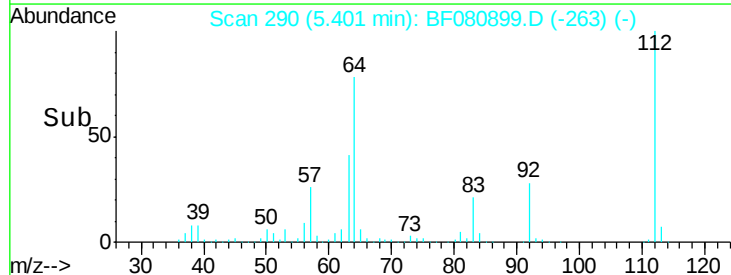
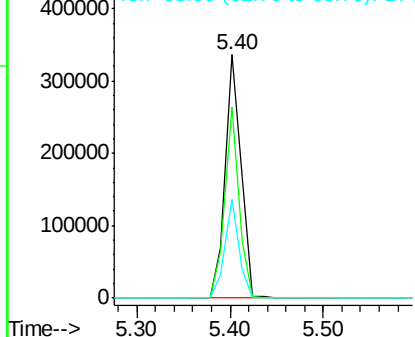
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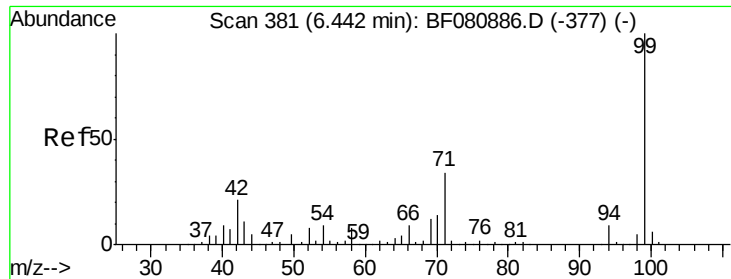
2-Fluorophenol
Concen: 109.39 ng
RT: 5.40 min Scan# 290
Delta R.T. 0.01 min
Lab File: BF080899.D
Acq: 6 Aug 2015 20:32

Tgt Ion:112 Resp: 398239
Ion Ratio Lower Upper
112 100
64 78.4 58.0 87.0
63 40.9 29.8 44.8



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: 109.87 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF080899.D

Acq: 6 Aug 2015 20:32

Instrument :

BNA_F

ClientSampled :

SOIL-4

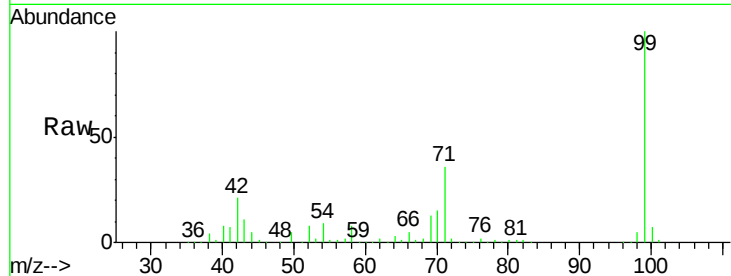
Tot Ion: 99 Resp: 550623

Ion Ratio Lower Upper

99 100

42 21.2 16.8 25.2

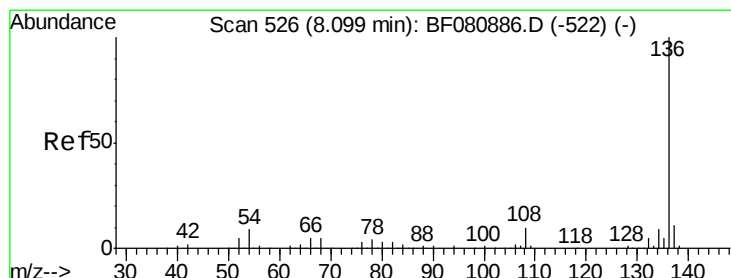
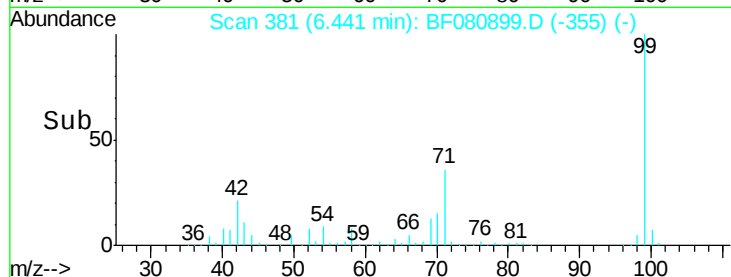
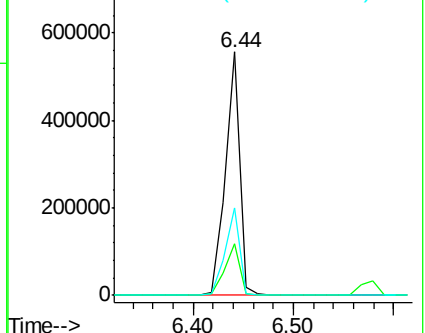
71 35.7 27.4 41.0



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: 8.09 min Scan# 525

Delta R.T. -0.01 min

Lab File: BF080899.D

Acq: 6 Aug 2015 20:32

Tgt Ion: 136 Resp: 226779

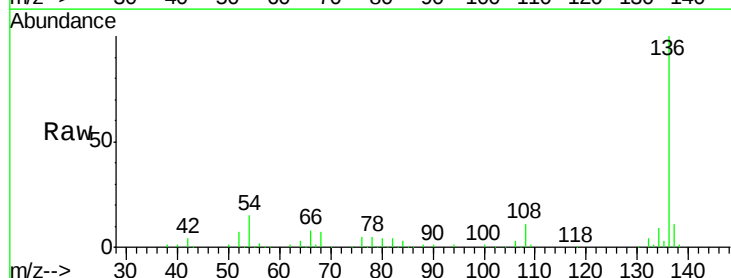
Ion Ratio Lower Upper

136 100

137 11.3 8.6 12.8

54 14.7 7.5 11.3#

68 7.1 4.2 6.2#

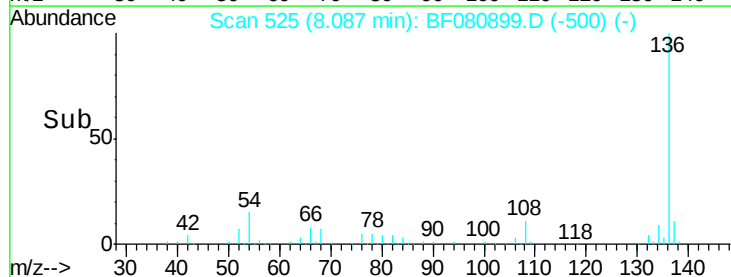
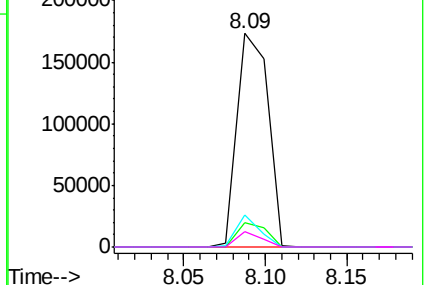


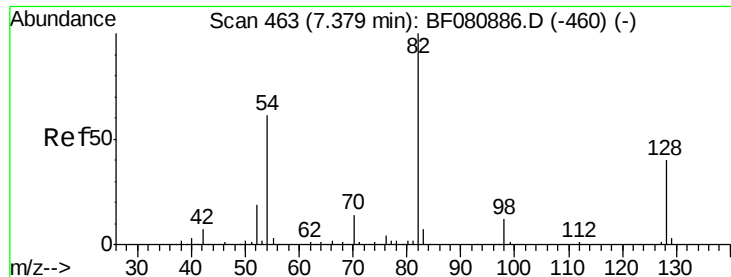
Abundance Ion 136.00 (135.70 to 136.70): E

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

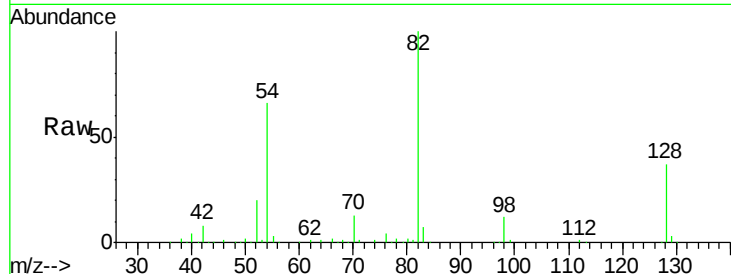




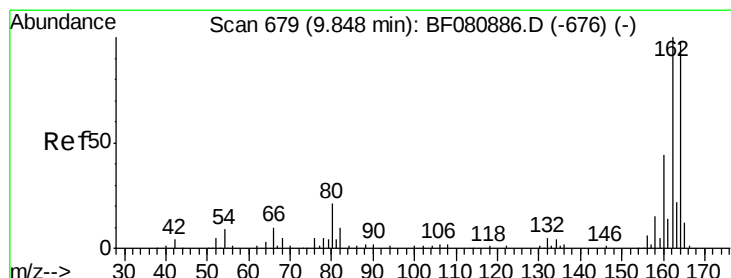
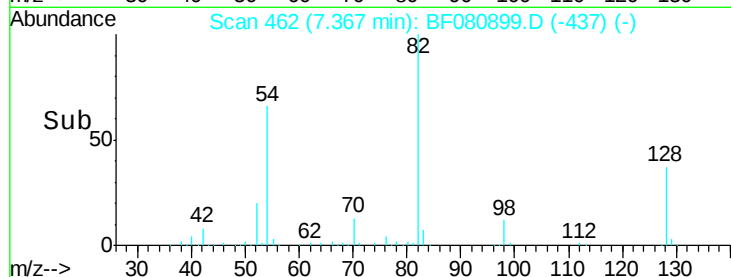
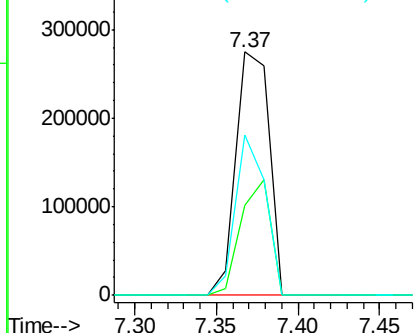
#23
 Nitrobenzene-d5
 Concen: 80.38 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.01 min
 Lab File: BF080899.D
 Acq: 6 Aug 2015 20:32

Instrument :
 BNA_F
 ClientSampled :
 SOIL-4

Tot Ion	82	Resp	386950
Ion Ratio	Lower	Upper	
82	100		
128	36.8	31.8	47.6
54	66.0	48.6	72.8

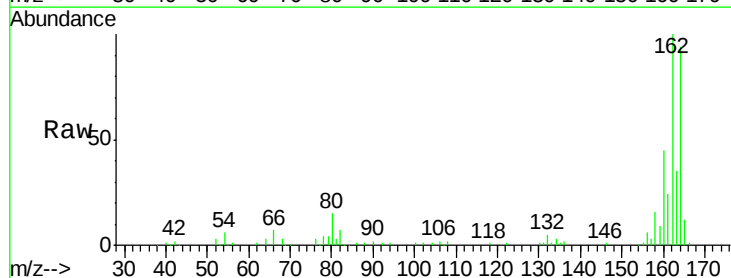


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

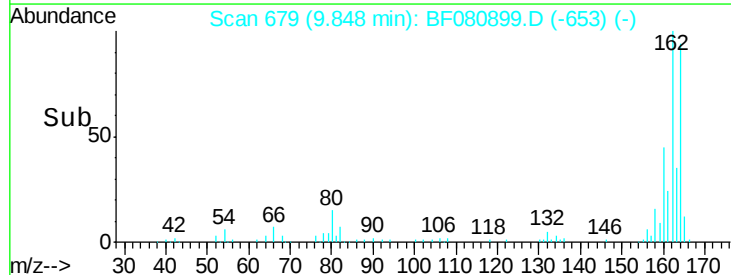
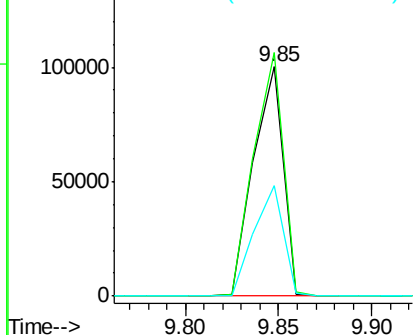


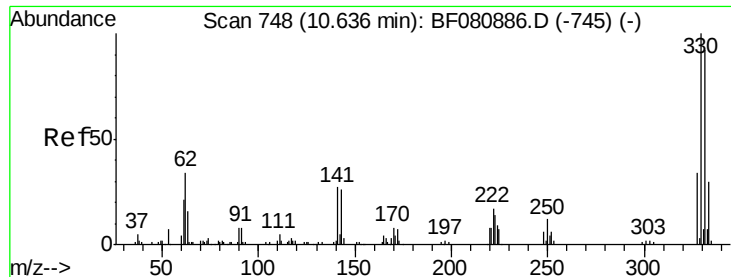
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.00 min
 Lab File: BF080899.D
 Acq: 6 Aug 2015 20:32

Tgt Ion	164	Resp	110139
Ion Ratio	Lower	Upper	
164	100		
162	106.2	81.5	122.3
160	48.3	35.9	53.9



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

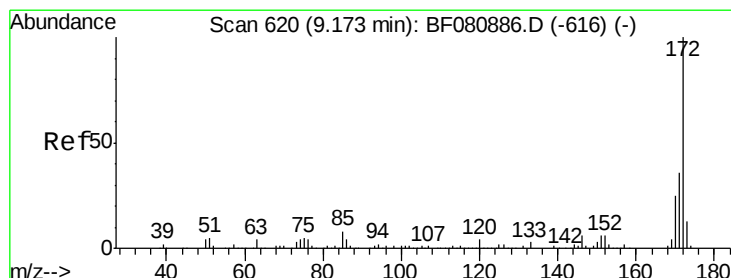
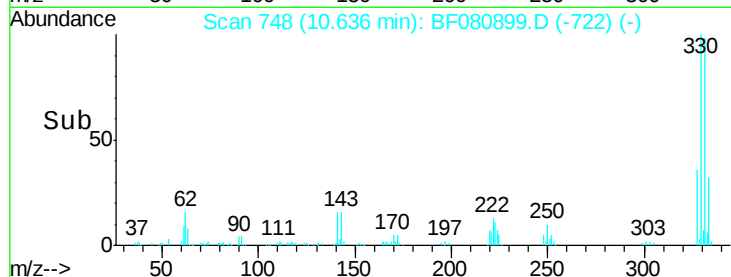
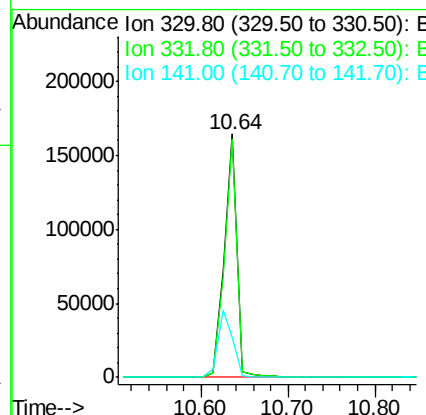
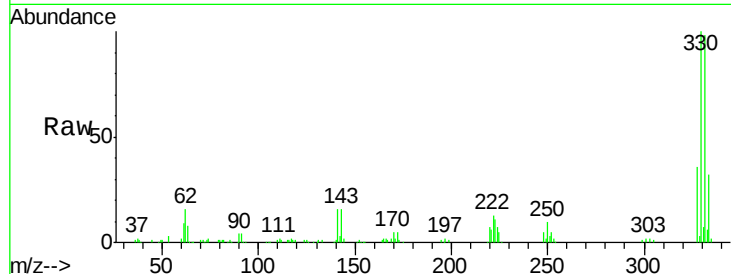




#41
 2,4,6-Tribromophenol
 Concen: 144.51 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF080899.D
 Acq: 6 Aug 2015 20:32

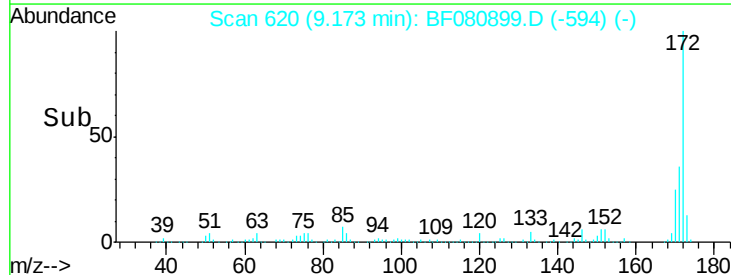
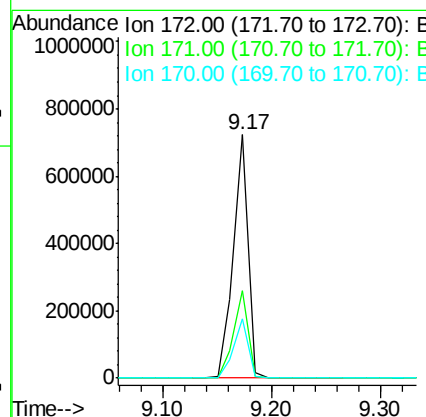
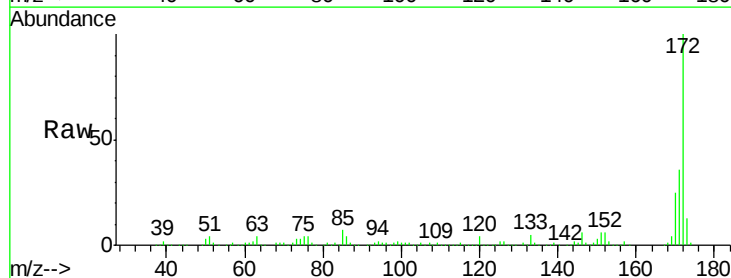
Instrument :
 BNA_F
 ClientSampled :
 SOIL-4

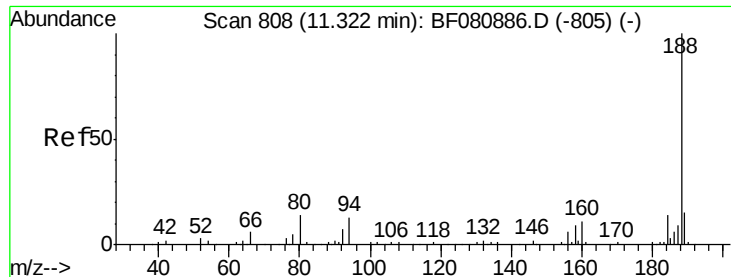
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	74.1	111.1
141	32.1	30.1	45.1



#44
 2-Fluorobiphenyl
 Concen: 86.98 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF080899.D
 Acq: 6 Aug 2015 20:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.4
170	24.6	19.9	29.9

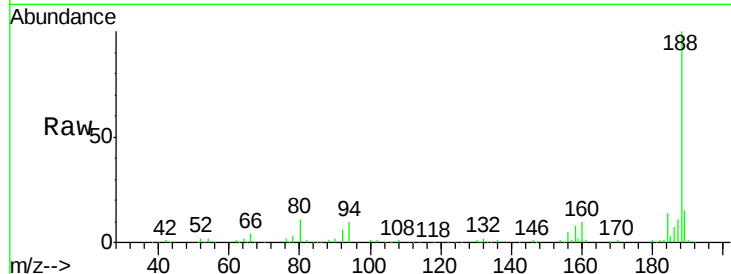




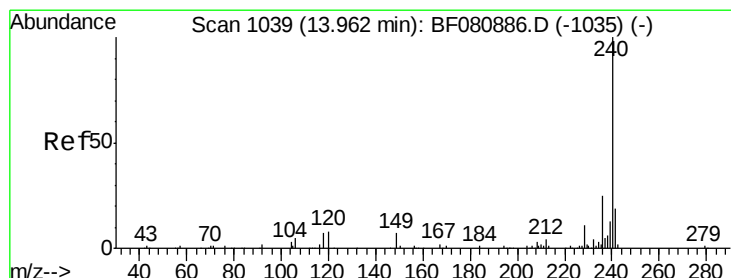
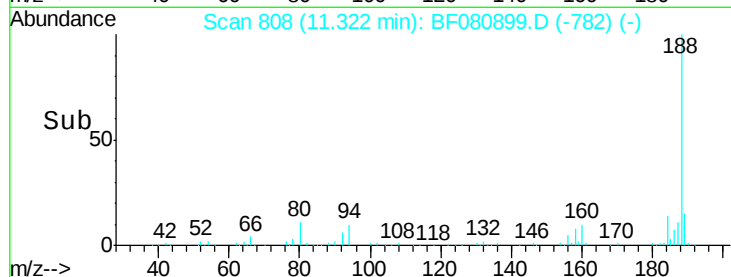
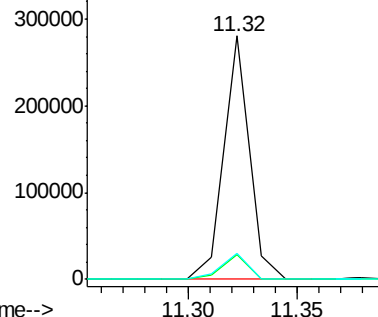
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF080899.D
Acq: 6 Aug 2015 20:32

Instrument :
BNA_F
ClientSampleId :
SOIL-4

Tot Ion:188 Resp: 229387
Ion Ratio Lower Upper
188 100
94 10.2 10.2 15.2
80 10.8 11.4 17.2#

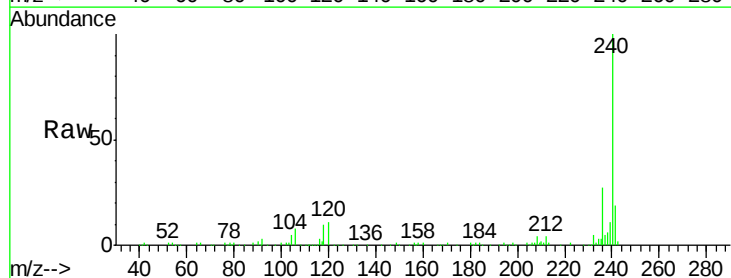


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

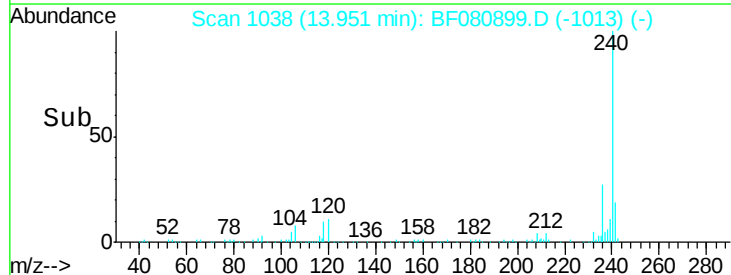
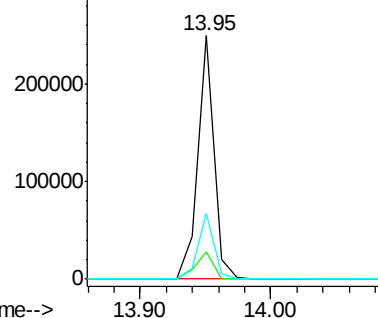


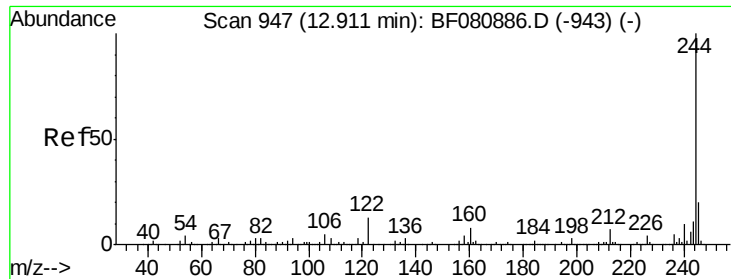
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF080899.D
Acq: 6 Aug 2015 20:32

Tgt Ion:240 Resp: 217276
Ion Ratio Lower Upper
240 100
120 11.3 6.4 9.6#
236 26.8 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

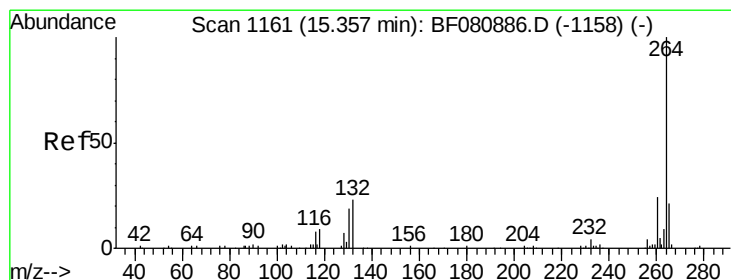
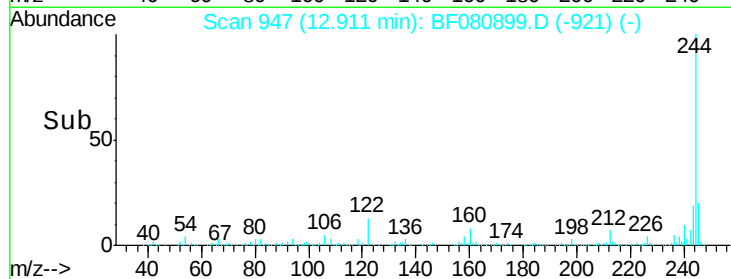
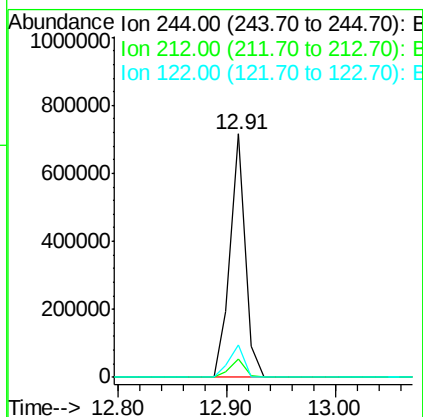
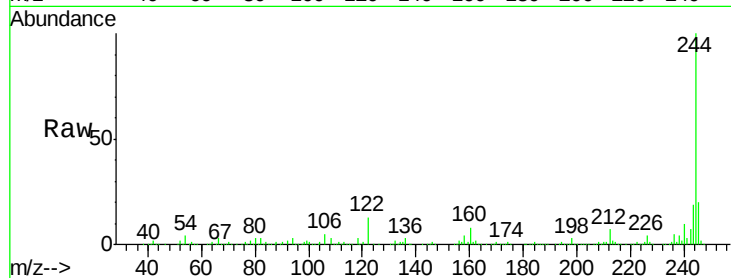




#78
 Terphenyl-d14
 Concen: 67.12 ng
 RT: 12.91 min Scan# 947
 Delta R.T. -0.00 min
 Lab File: BF080899.D
 Acq: 6 Aug 2015 20:32

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-4

Tot Ion:244 Resp: 691689
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 13.1 10.6 16.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: BF080899.D
 Acq: 6 Aug 2015 20:32

Tgt Ion:264 Resp: 188433
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.4
 265 21.0 17.0 25.6

