

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 12 01:46:03 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

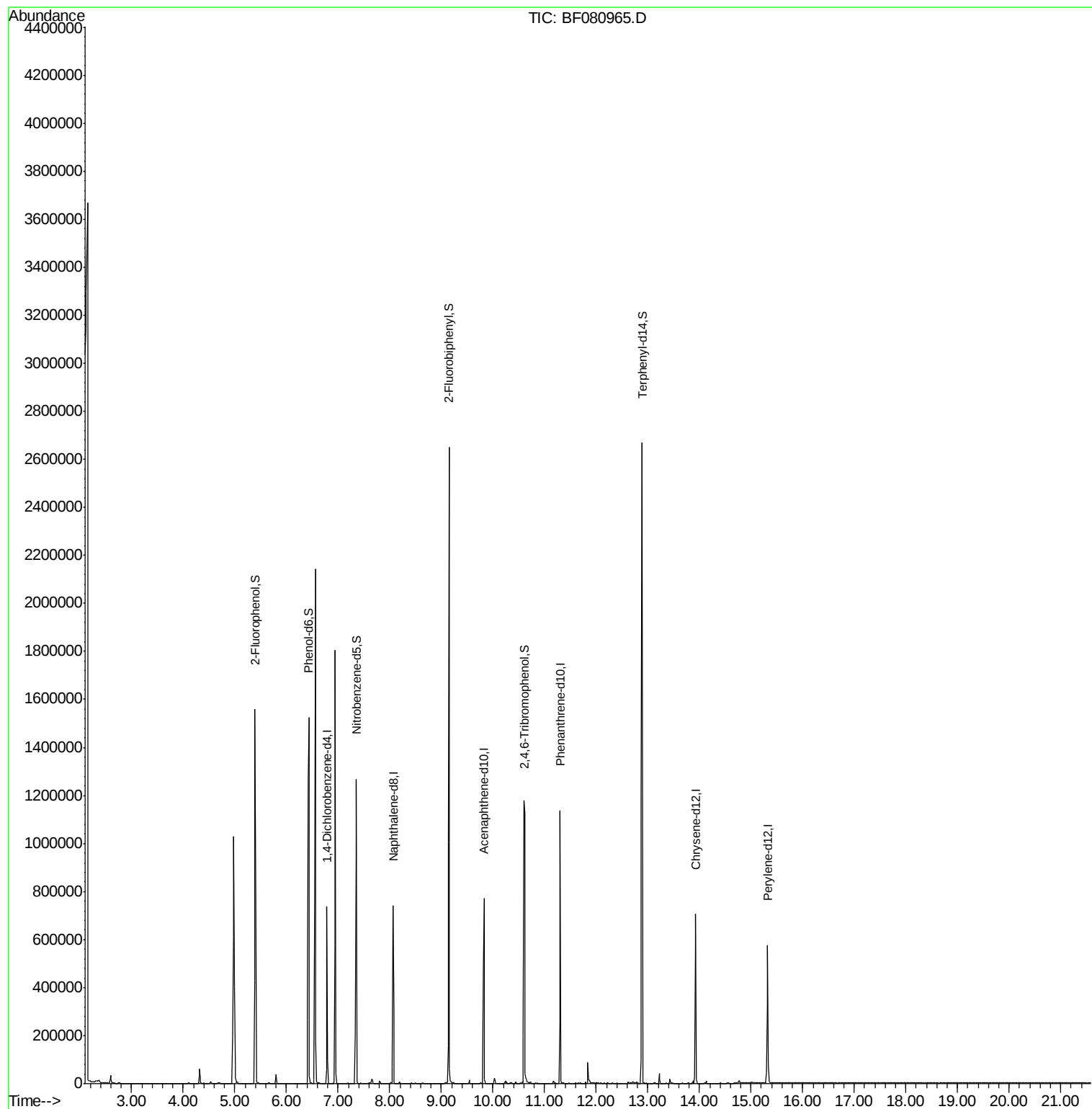
Target Compounds	Qvalue
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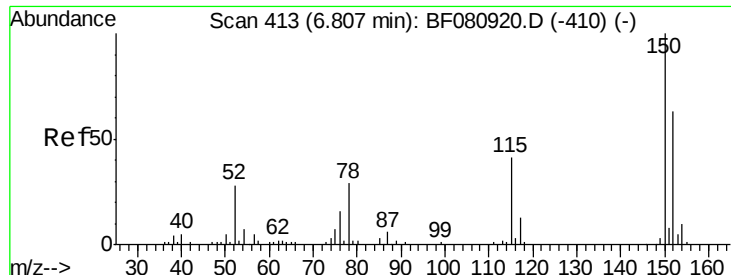
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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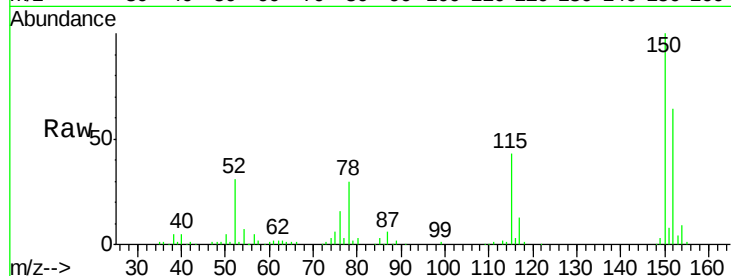




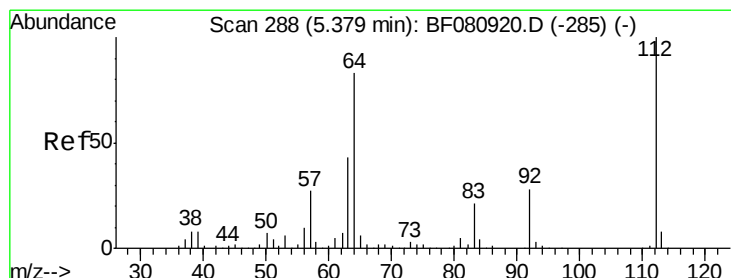
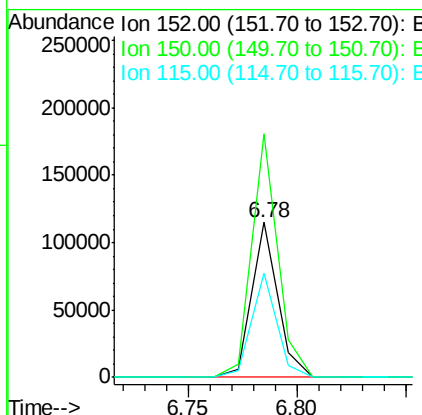
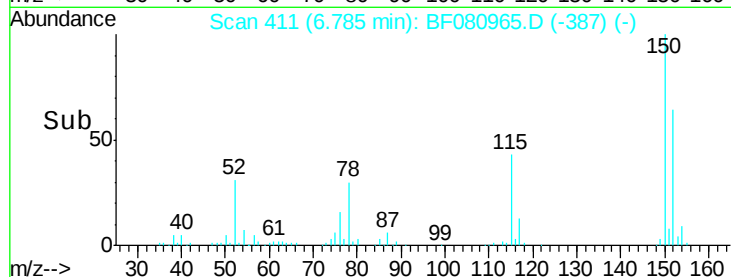
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.78 min Scan# 411
 Delta R.T. -0.02 min
 Lab File: BF080965.D
 Acq: 11 Aug 2015 17:00

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

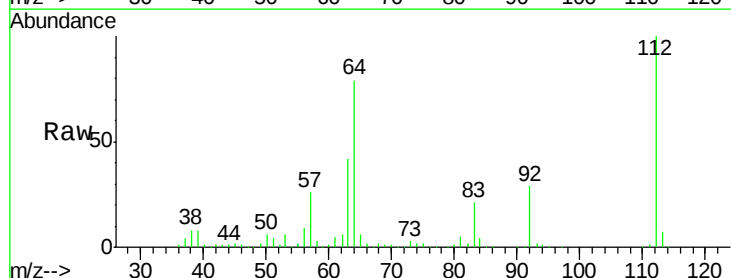


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

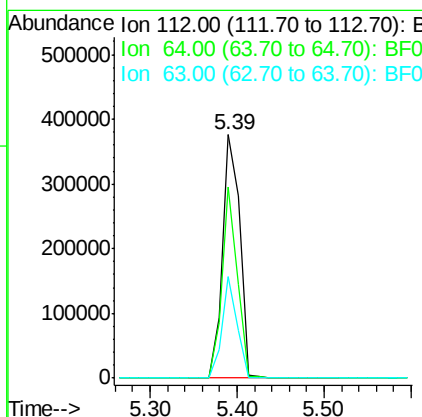
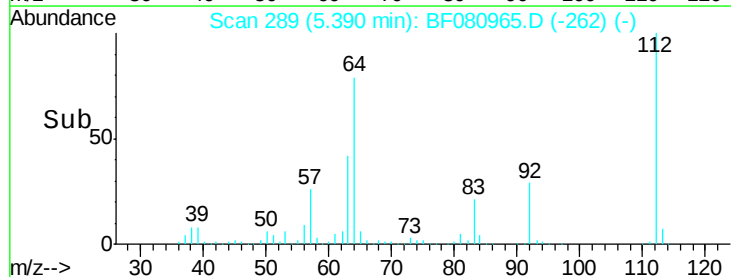


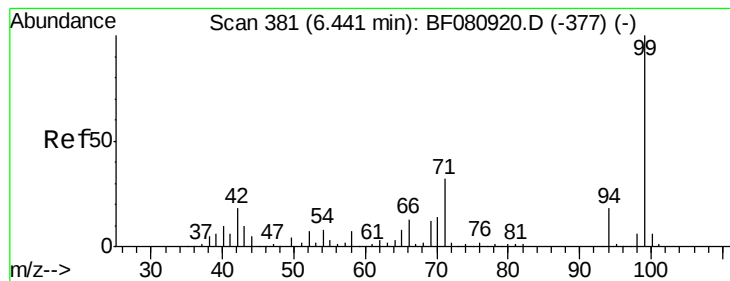
#5
 2-Fluorophenol
 Concen: 89.24 ng
 RT: 5.39 min Scan# 289
 Delta R.T. 0.01 min
 Lab File: BF080965.D
 Acq: 11 Aug 2015 17:00

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

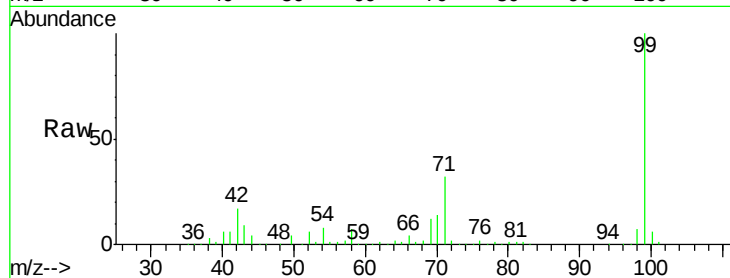
Tgt Ion: 99 Resp: 746629

Ion Ratio Lower Upper

99 100

42 16.9 14.4 21.6

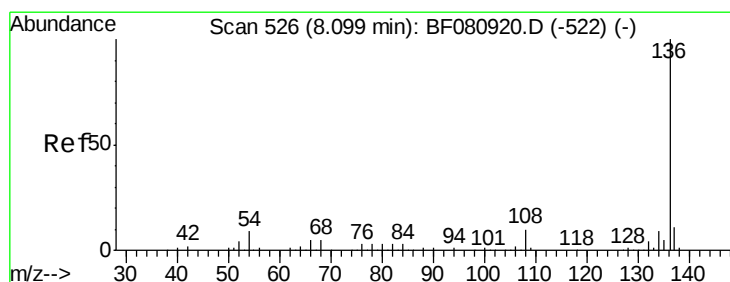
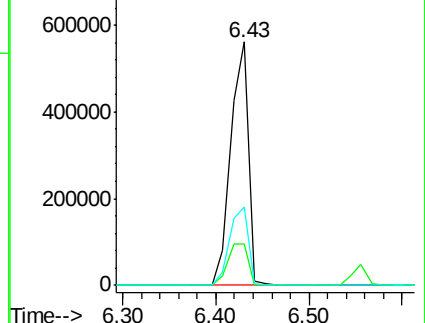
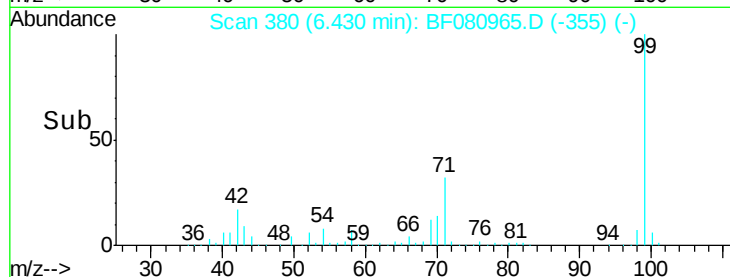
71 32.1 25.8 38.8



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



#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

Tgt Ion: 136 Resp: 358729

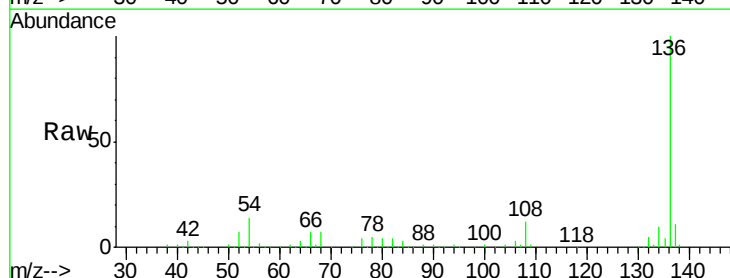
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 13.7 7.1 10.7#

68 6.8 3.8 5.8#

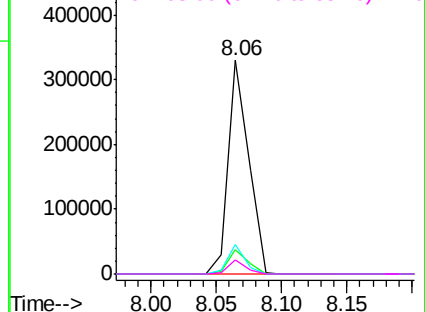
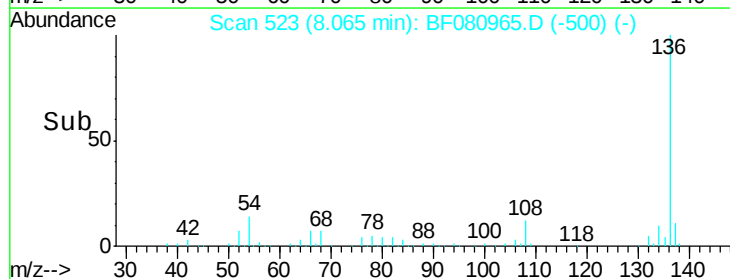


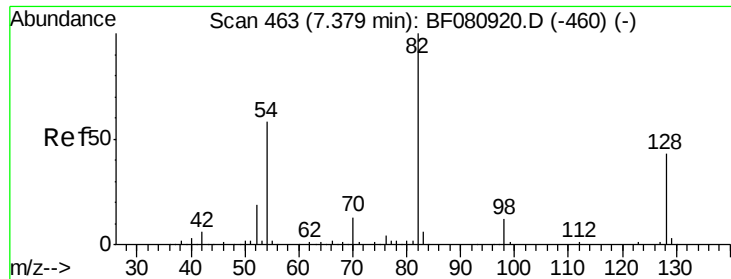
Abundance Ion 136.00 (135.70 to 136.70): E

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

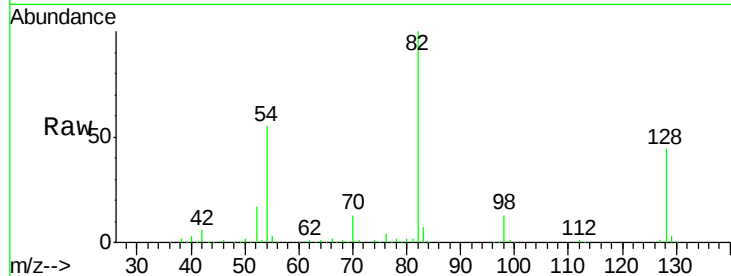




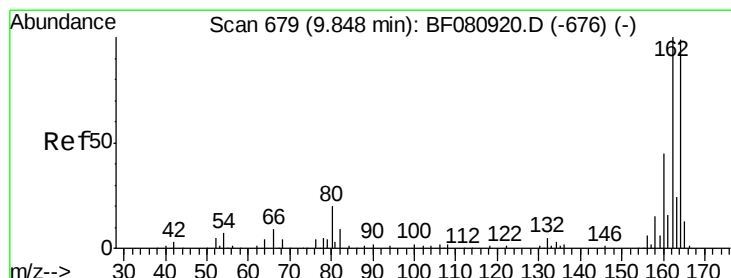
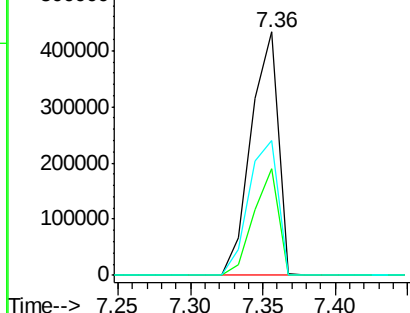
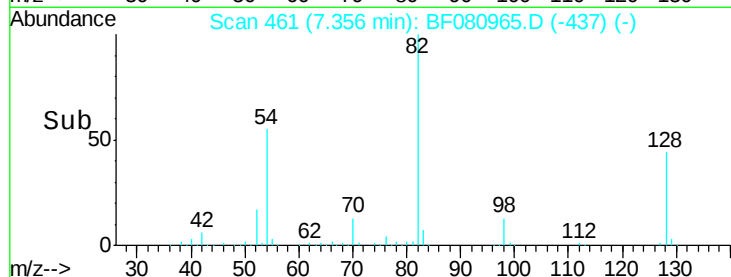
#23
 Nitrobenzene-d5
 Concen: 74.11 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.02 min
 Lab File: BF080965.D
 Acq: 11 Aug 2015 17:00

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-2

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

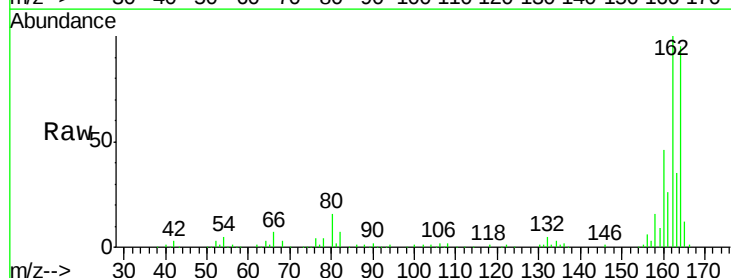


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

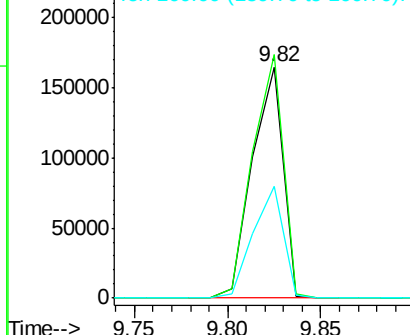
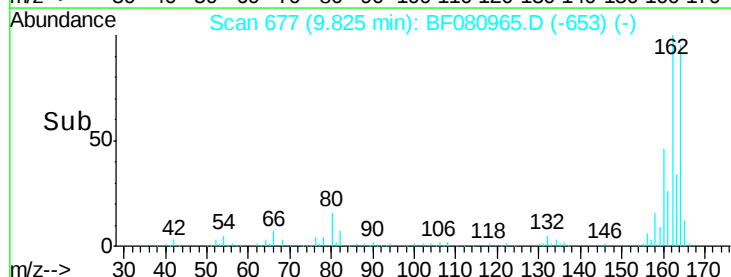


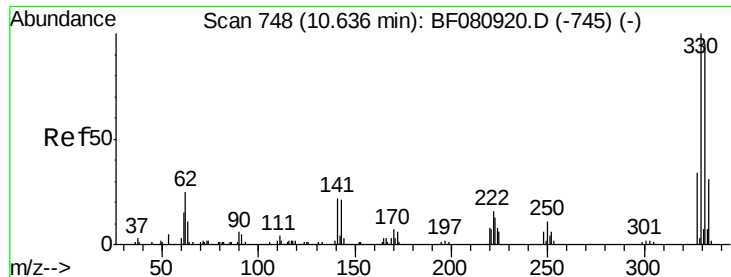
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.02 min
 Lab File: BF080965.D
 Acq: 11 Aug 2015 17:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.2	80.5	120.7
160	48.3	36.6	54.8



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

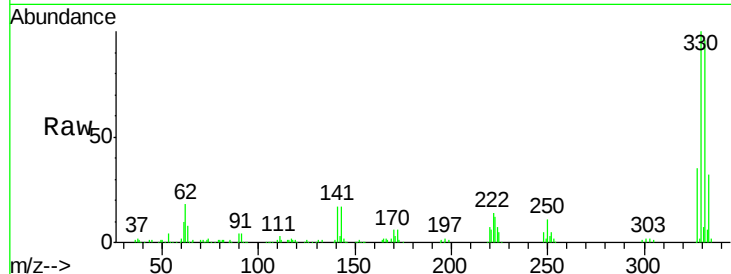




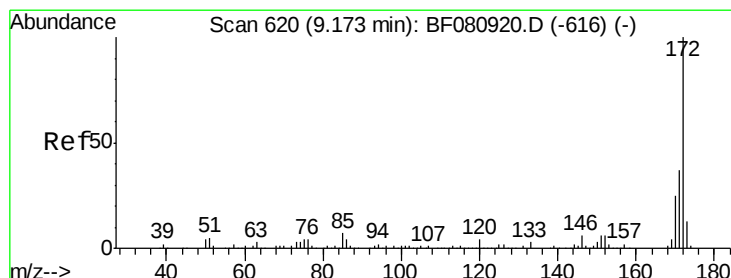
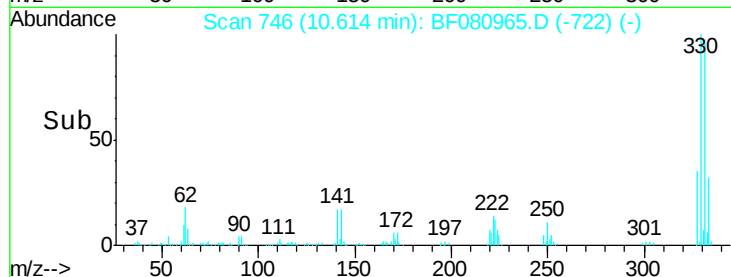
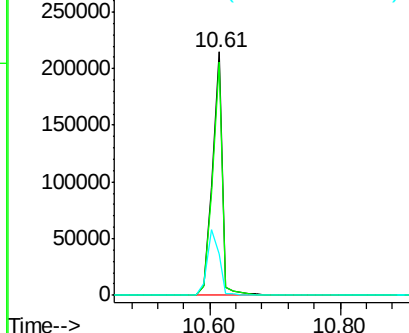
#41
 2,4,6-Tribromophenol
 Concen: 112.50 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.02 min
 Lab File: BF080965.D
 Acq: 11 Aug 2015 17:00

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-2

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

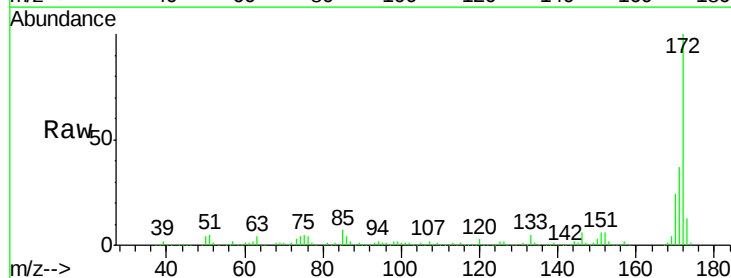


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

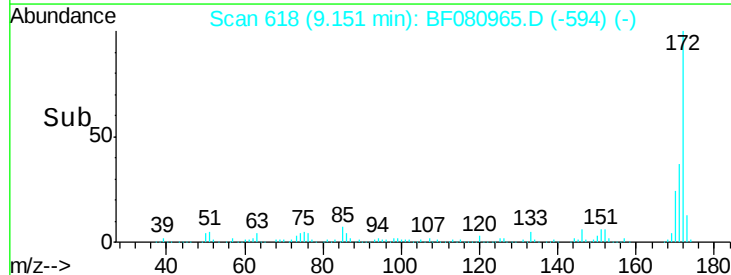
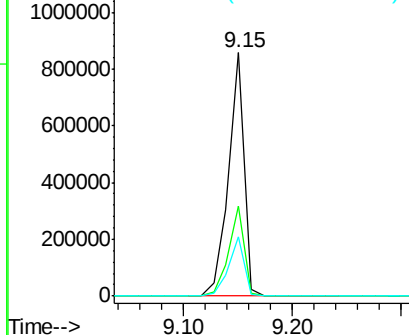


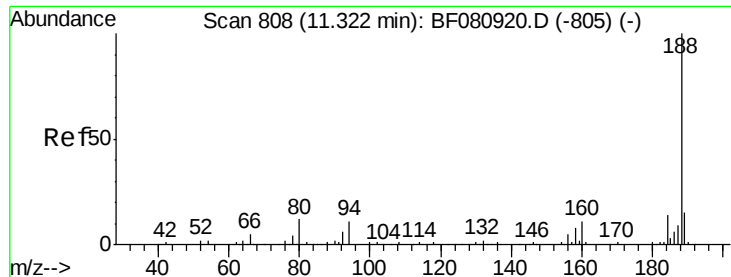
#44
 2-Fluorobiphenyl
 Concen: 63.53 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF080965.D
 Acq: 11 Aug 2015 17:00

Tgt Ion	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

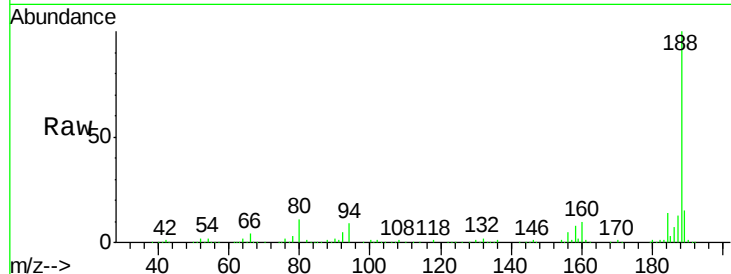




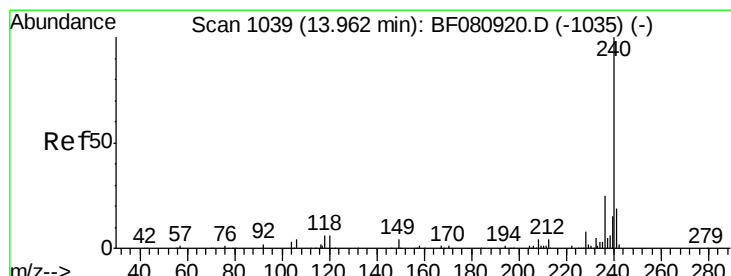
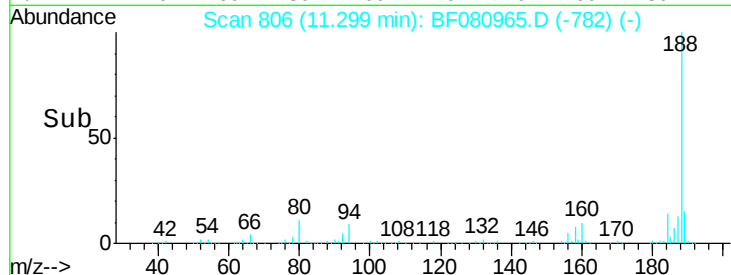
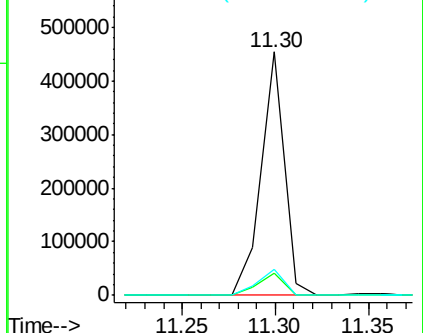
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.02 min
Lab File: BF080965.D
Acq: 11 Aug 2015 17:00

Instrument :
BNA_F
ClientSampleId :
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

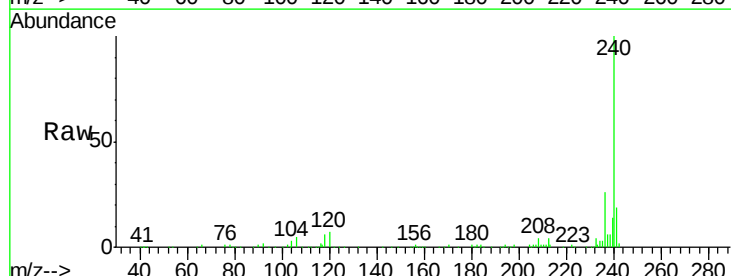


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

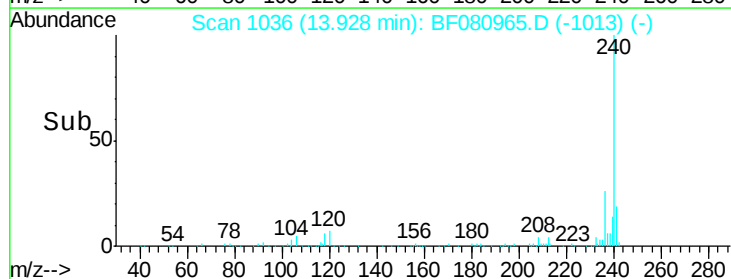
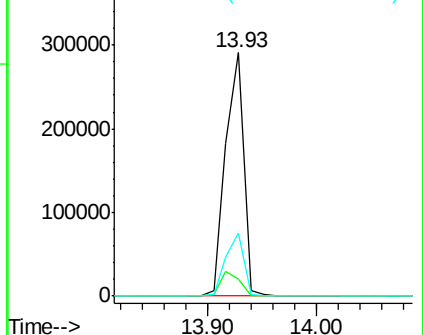


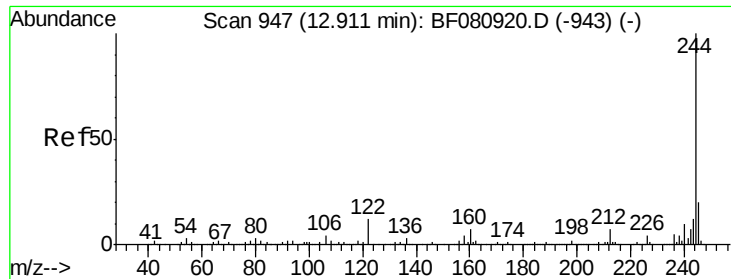
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1036
Delta R.T. -0.03 min
Lab File: BF080965.D
Acq: 11 Aug 2015 17:00

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

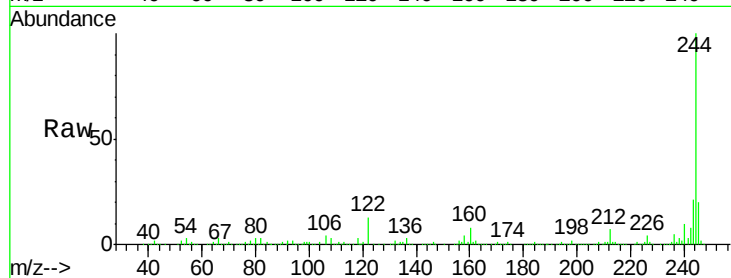




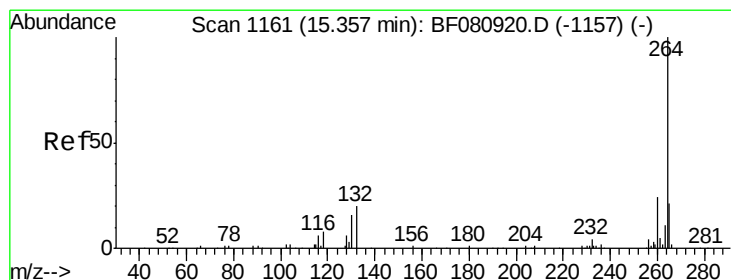
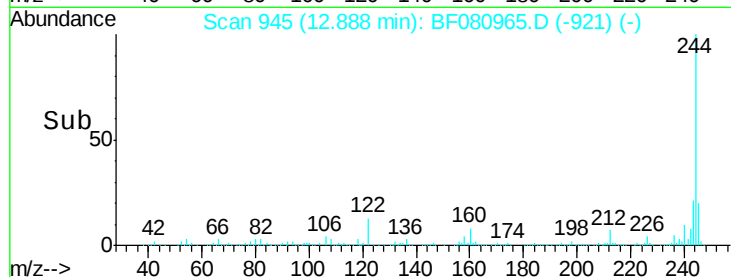
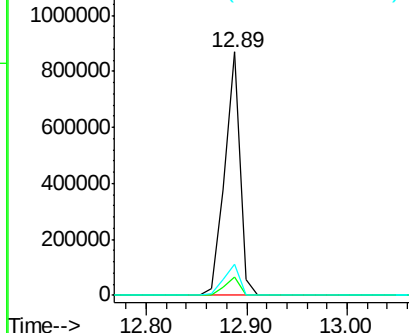
#78
 Terphenyl-d14
 Concen: 55.92 ng
 RT: 12.89 min Scan# 945
 Delta R.T. -0.02 min
 Lab File: BF080965.D
 Acq: 11 Aug 2015 17:00

Instrument :
 BNA_F
 ClientSampled :
 SOIL-2

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	12.8	9.4	14.2

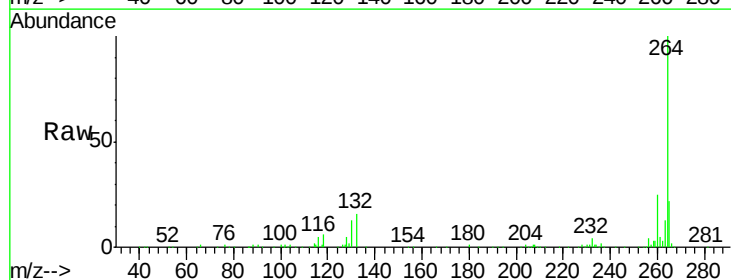


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#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

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

