

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121516\
 Data File : BF091658.D
 Acq On : 16 Dec 2016 6:33
 Operator : UM/SJ
 Sample : H6029-08
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IDW-SOIL-01

Quant Time: Dec 16 07:34:12 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 16 00:35:41 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	204381	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	754920	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	482782	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	615873	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	499520	20.00	ng	0.00
86) Perylene-d12	15.35	264	481271	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1407118	115.99	ng	0.02
7) Phenol-d6	6.43	99	1611140	106.53	ng	0.00
23) Nitrobenzene-d5	7.34	82	1348182	99.67	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	456503	113.84	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1992101	71.30	ng	0.00
78) Terphenyl-d14	12.89	244	1901609	86.38	ng	-0.01

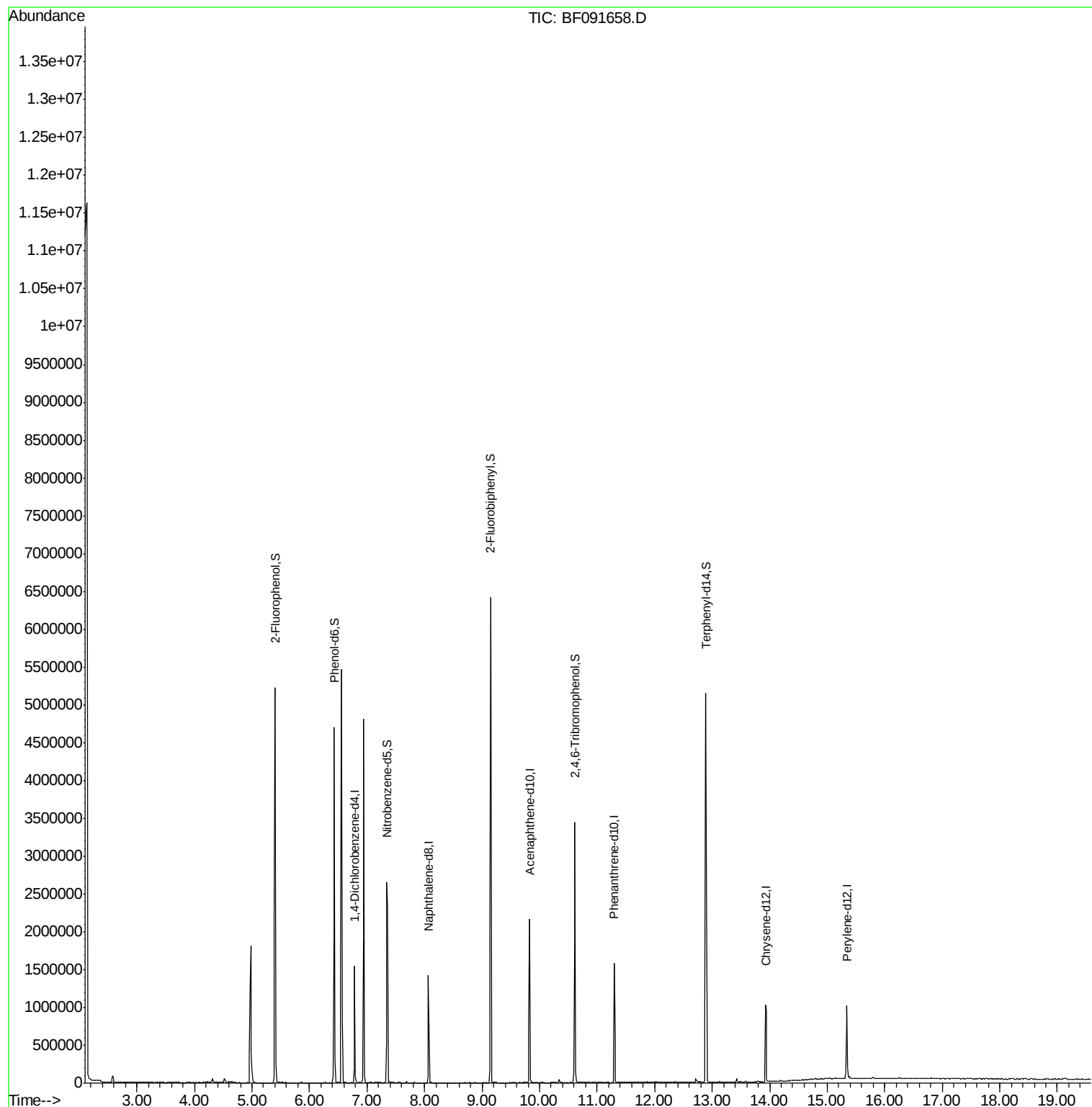
Target Compounds Qvalue

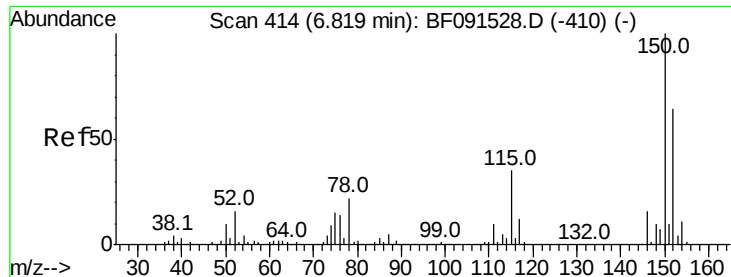
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121516\
Data File : BF091658.D
Acq On : 16 Dec 2016 6:33
Operator : UM/SJ
Sample : H6029-08
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IDW-SOIL-01

Quant Time: Dec 16 07:34:12 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 16 00:35:41 2016
Response via : Initial Calibration



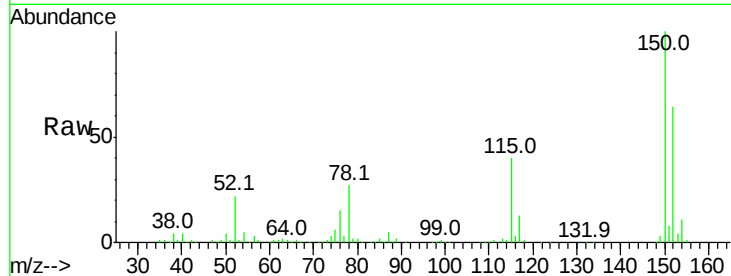


#1

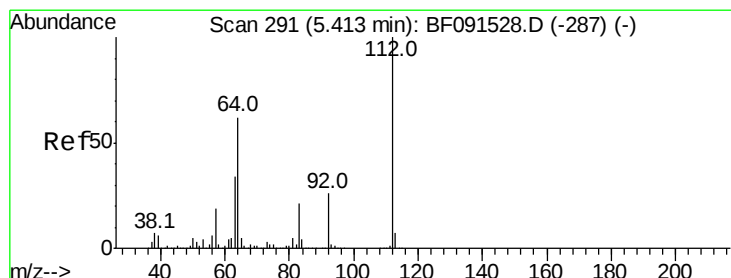
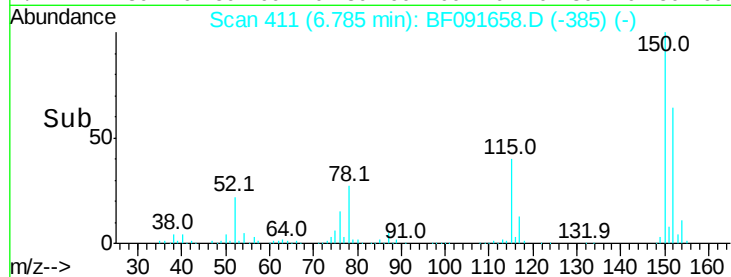
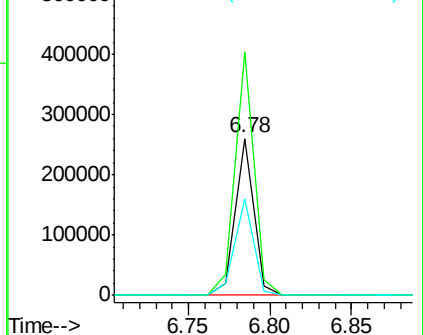
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF091658.D
Acq: 16 Dec 2016 6:33

Instrument :
BNA_F
ClientSampleId :
IDW-SOIL-01

Tot Ion:152 Resp: 204381
Ion Ratio Lower Upper
152 100
150 155.2 122.5 183.7
115 61.5 51.8 77.8



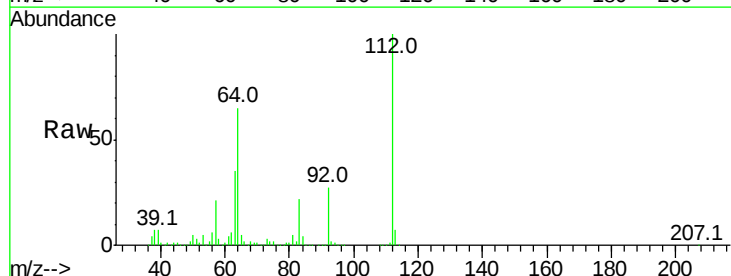
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



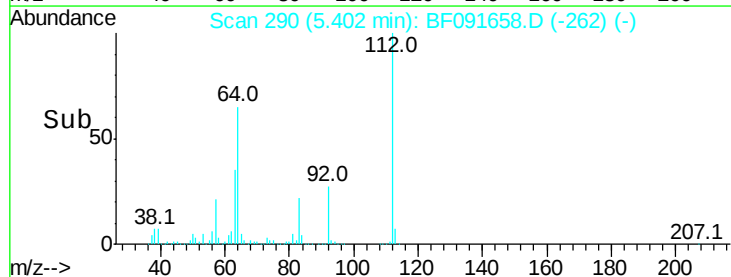
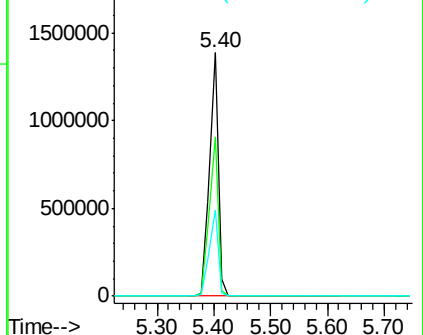
#5

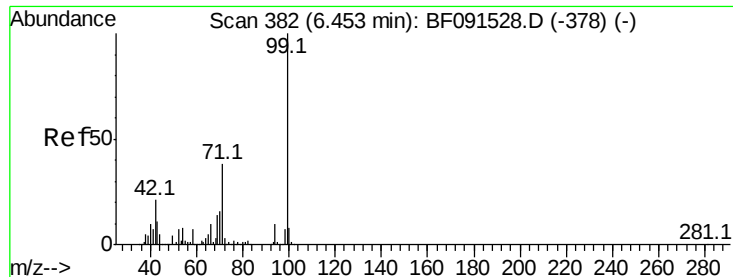
2-Fluorophenol
Concen: 115.99 ng
RT: 5.40 min Scan# 290
Delta R.T. 0.02 min
Lab File: BF091658.D
Acq: 16 Dec 2016 6:33

Tgt Ion:112 Resp: 1407118
Ion Ratio Lower Upper
112 100
64 65.3 61.5 92.3
63 35.3 33.3 49.9



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: 106.53 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF091658.D

Acq: 16 Dec 2016 6:33

Instrument :

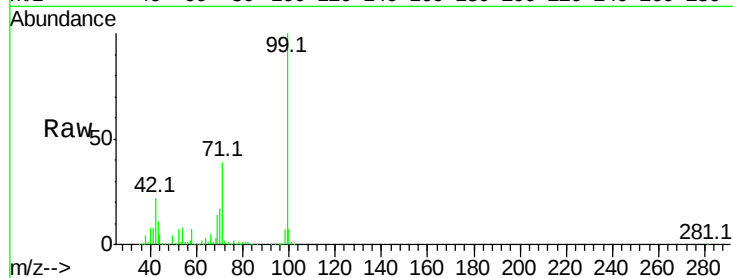
BNA_F

ClientSampleId :

IDW-SOIL-01

Tot Ion: 99 Resp: 1611140

Ion	Ratio	Lower	Upper
99	100		
42	21.6	20.6	31.0
71	38.6	29.9	44.9

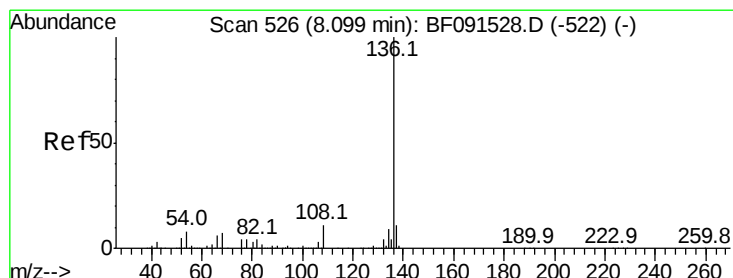
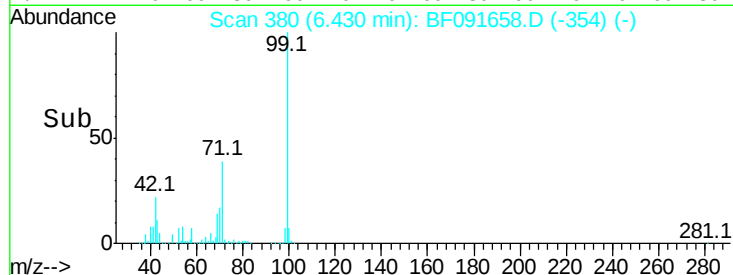
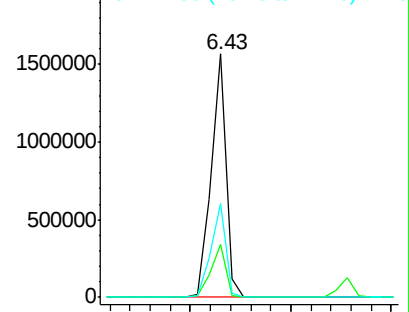


Abundance

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

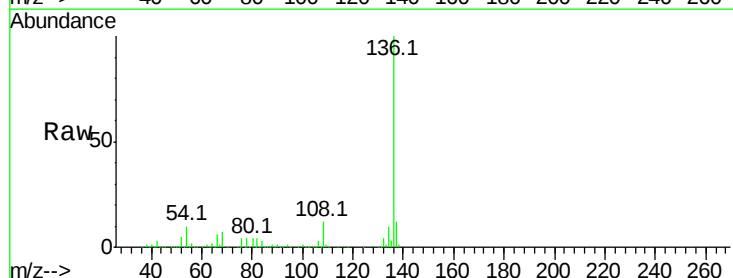
Delta R.T. -0.01 min

Lab File: BF091658.D

Acq: 16 Dec 2016 6:33

Tgt Ion: 136 Resp: 754920

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	9.8	9.1	13.7
68	6.8	5.9	8.9



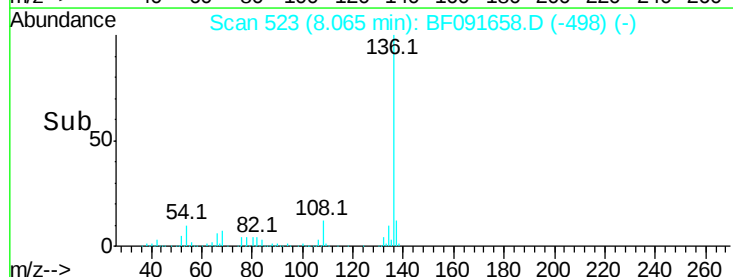
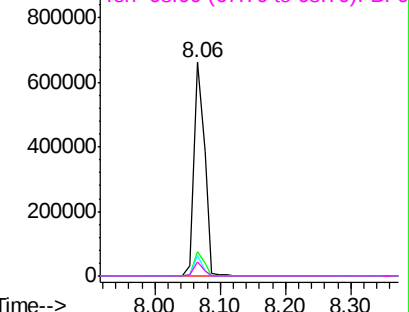
Abundance

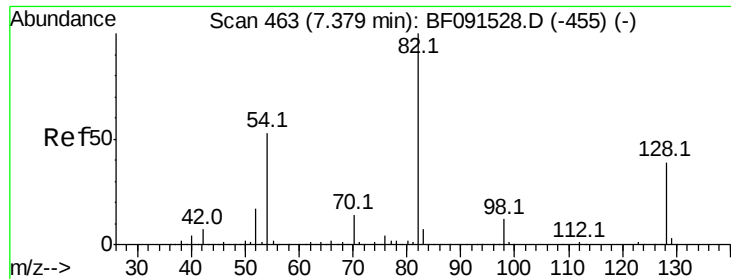
Ion 136.00 (135.70 to 136.70): E

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



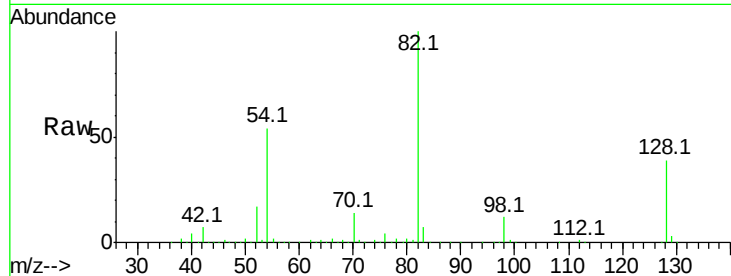


#23
 Nitrobenzene-d5
 Concen: 99.67 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.01 min
 Lab File: BF091658.D
 Acq: 16 Dec 2016 6:33

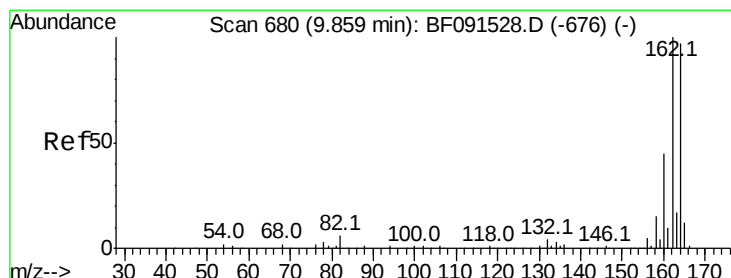
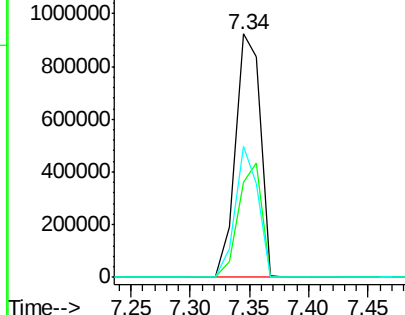
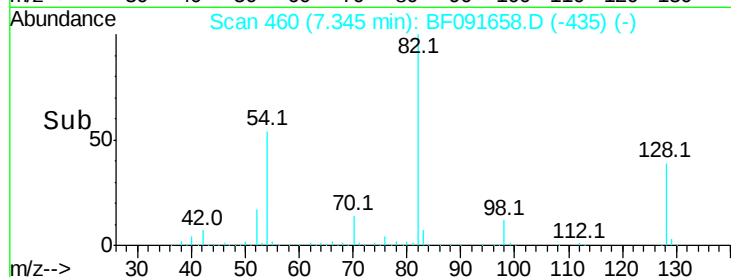
Instrument :
 BNA_F
 ClientSampleId :
 IDW-SOIL-01

Tot Ion: 82 Resp: 1348182

Ion	Ratio	Lower	Upper
82	100		
128	39.1	31.8	47.6
54	53.8	49.1	73.7



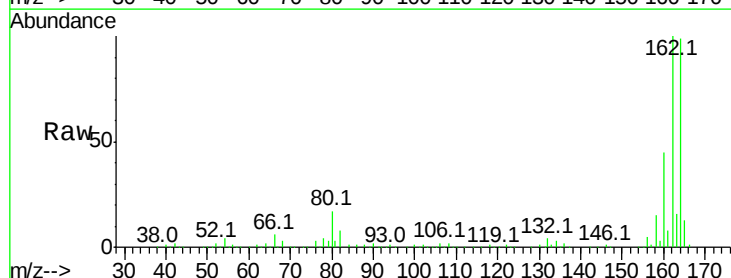
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0



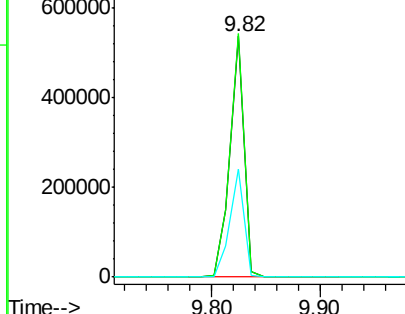
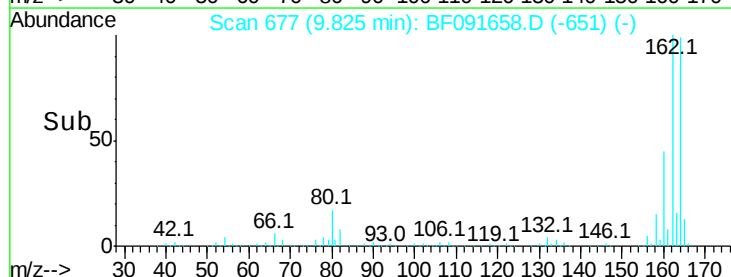
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF091658.D
 Acq: 16 Dec 2016 6:33

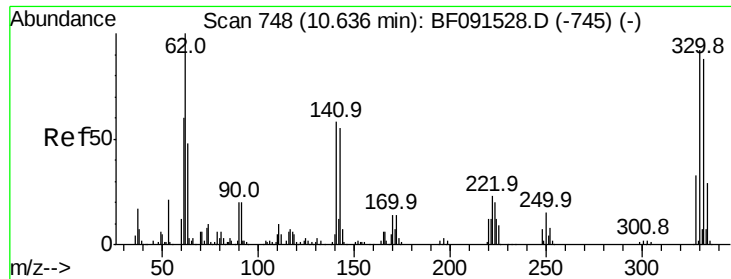
Tgt Ion:164 Resp: 482782

Ion	Ratio	Lower	Upper
164	100		
162	101.1	82.6	124.0
160	45.0	36.7	55.1



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

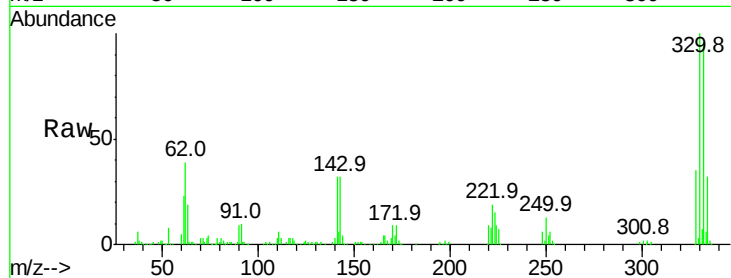




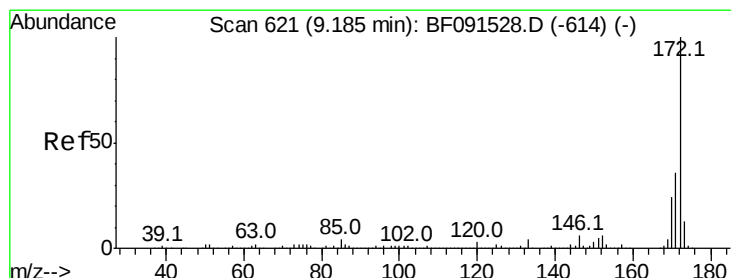
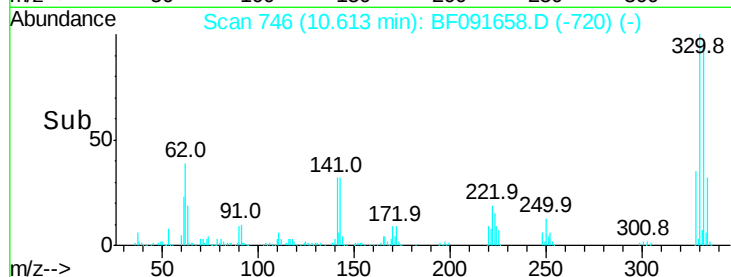
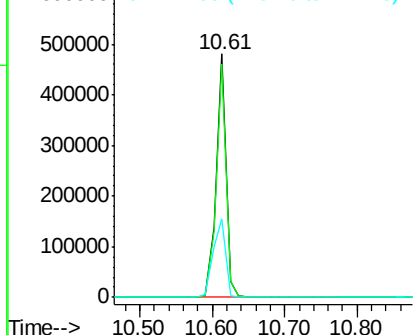
#41
 2,4,6-Tribromophenol
 Concen: 113.84 ng
 RT: 10.61 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: BF091658.D
 Acq: 16 Dec 2016 6:33

Instrument :
 BNA_F
 ClientSampleId :
 IDW-SOIL-01

Tot Ion:330 Resp: 456503
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.2 114.4
 141 40.4 33.6 50.4

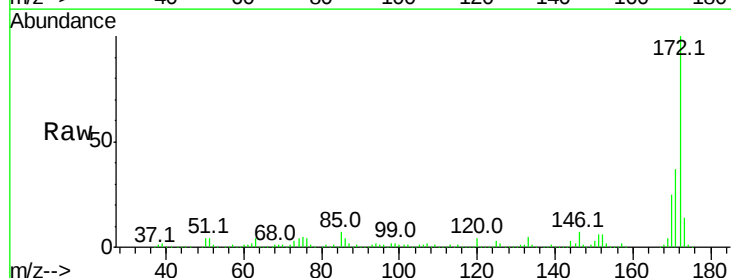


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

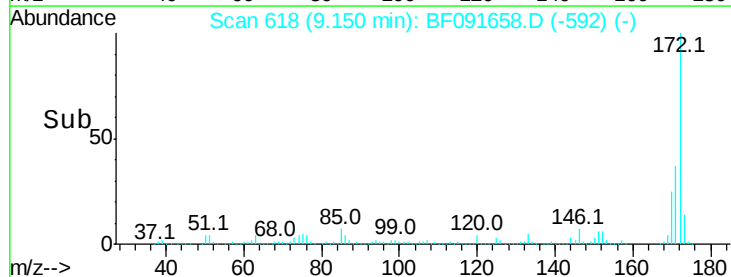
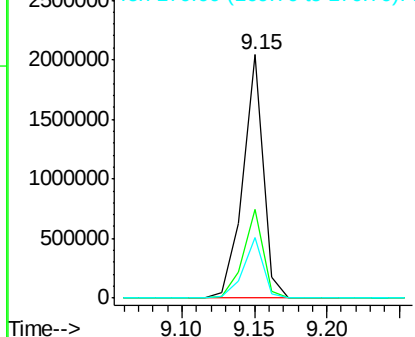


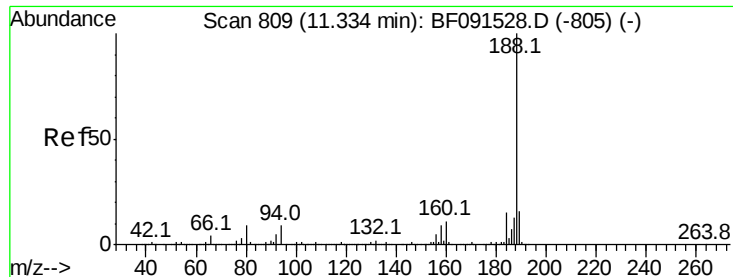
#44
 2-Fluorobiphenyl
 Concen: 71.30 ng
 RT: 9.15 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF091658.D
 Acq: 16 Dec 2016 6:33

Tgt Ion:172 Resp: 1992101
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.8 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

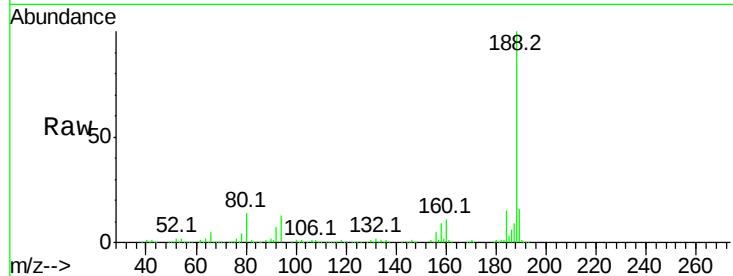




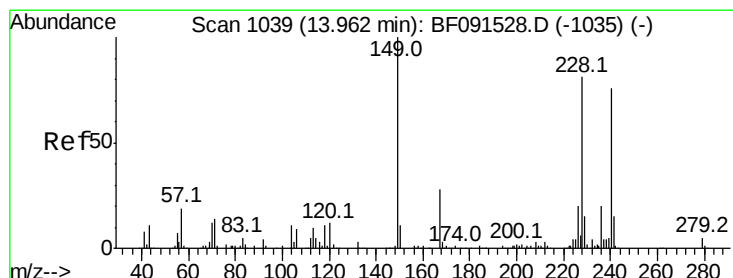
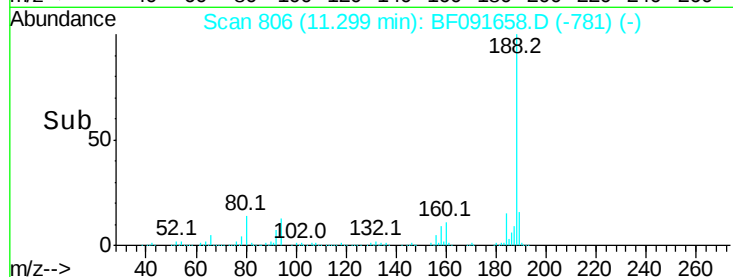
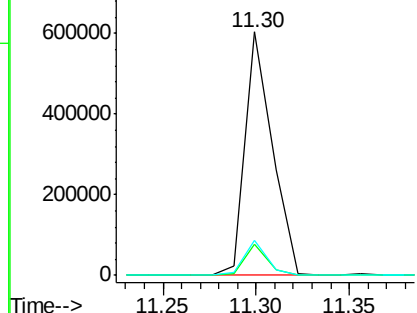
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF091658.D
Acq: 16 Dec 2016 6:33

Instrument :
BNA_F
ClientSampleId :
IDW-SOIL-01

Tot Ion:188 Resp: 615873
Ion Ratio Lower Upper
188 100
94 12.6 9.2 13.8
80 14.1 10.5 15.7

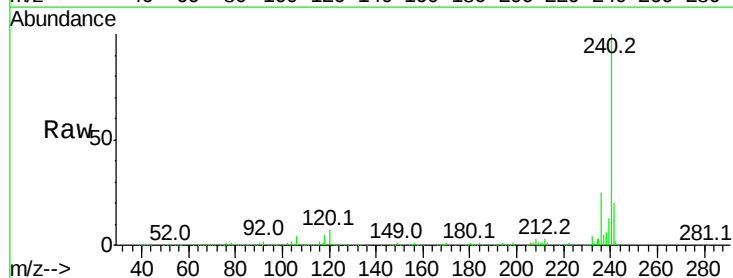


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

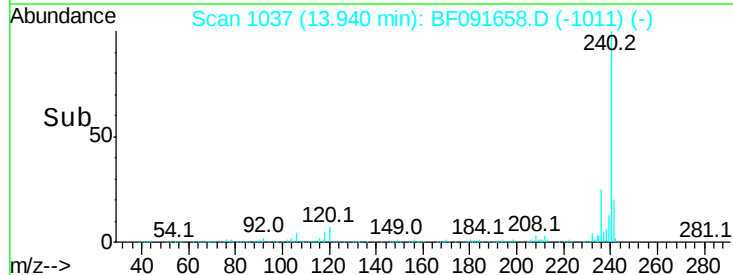
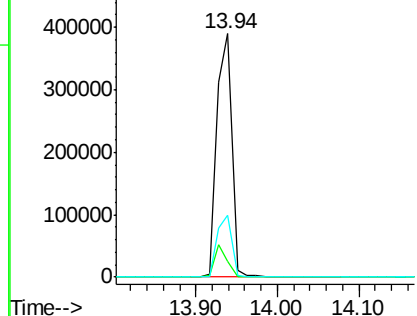


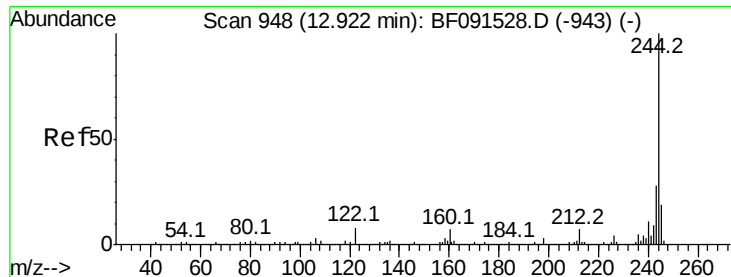
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF091658.D
Acq: 16 Dec 2016 6:33

Tgt Ion:240 Resp: 499520
Ion Ratio Lower Upper
240 100
120 6.7 12.1 18.1#
236 25.3 21.0 31.6



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: 86.38 ng

RT: 12.89 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF091658.D

Acq: 16 Dec 2016 6:33

Instrument :

BNA_F

ClientSampleId :

IDW-SOIL-01

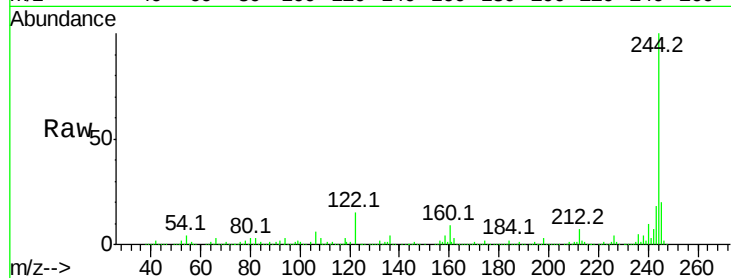
Tot Ion:244 Resp: 1901609

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

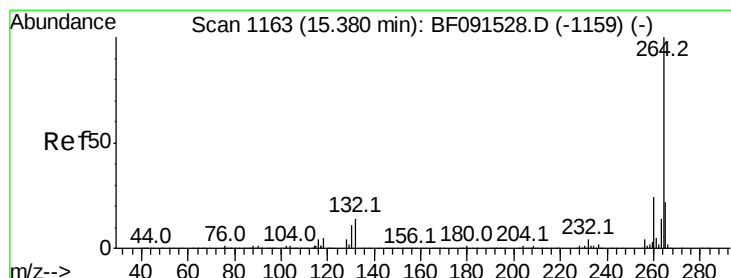
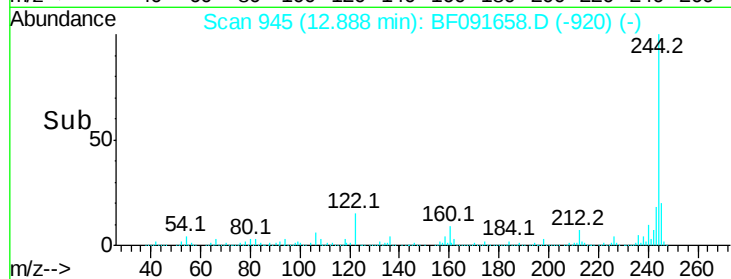
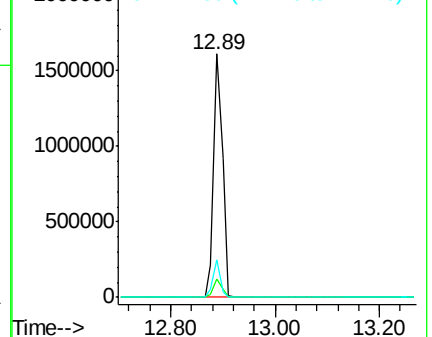
122 15.4 9.5 14.3#



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: 15.35 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BF091658.D

Acq: 16 Dec 2016 6:33

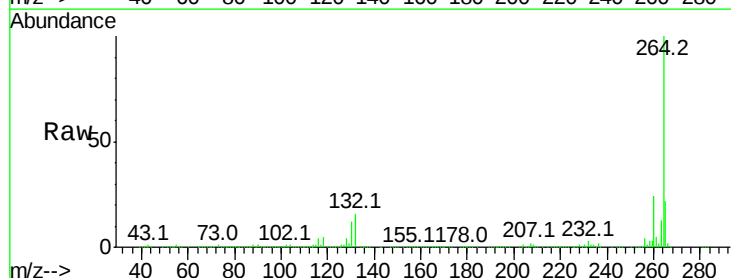
Tgt Ion:264 Resp: 481271

Ion Ratio Lower Upper

264 100

260 23.8 18.8 28.2

265 21.6 17.0 25.6



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

