

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040716\
 Data File : BF086128.D
 Acq On : 7 Apr 2016 13:21
 Operator : UM/SJ
 Sample : H2166-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 L-P-C-SOIL-PILE1

Quant Time: Apr 08 02:10:57 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

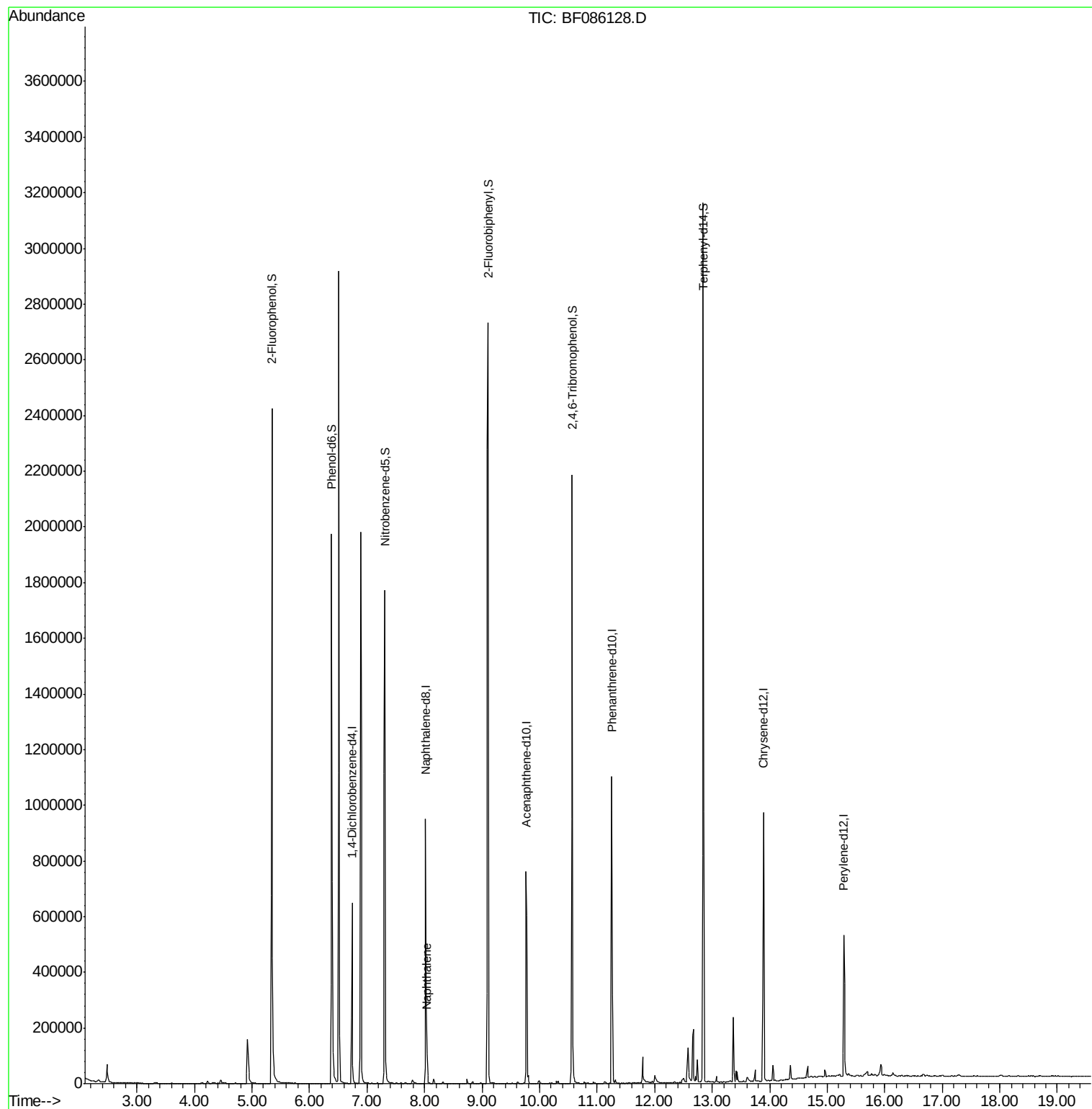
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	111310	20.00	ng	-0.03
21) Naphthalene-d8	8.02	136	444480	20.00	ng	-0.05
38) Acenaphthene-d10	9.77	164	207823	20.00	ng	-0.05
63) Phenanthrene-d10	11.25	188	403816	20.00	ng	-0.05
75) Chrysene-d12	13.89	240	336984	20.00	ng	-0.03
86) Perylene-d12	15.29	264	232760	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	807006	123.93	ng	-0.02
7) Phenol-d6	6.38	99	889547	107.54	ng	-0.03
23) Nitrobenzene-d5	7.31	82	760471	100.90	ng	-0.03
41) 2,4,6-Tribromophenol	10.57	330	302367	155.01	ng	-0.03
44) 2-Fluorobiphenyl	9.10	172	1272790	101.83	ng	-0.03
78) Terphenyl-d14	12.84	244	1143253	79.75	ng	-0.03
Target Compounds						
31) Naphthalene	8.04	128	45551	2.04	ng	Qvalue 98

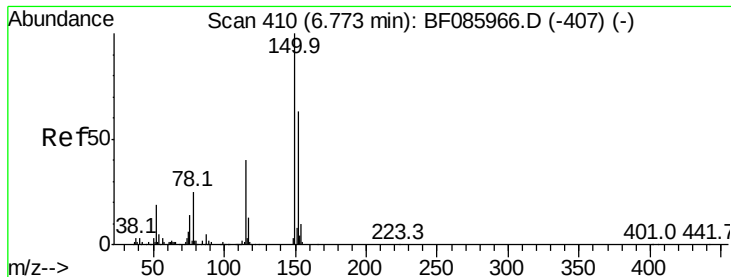
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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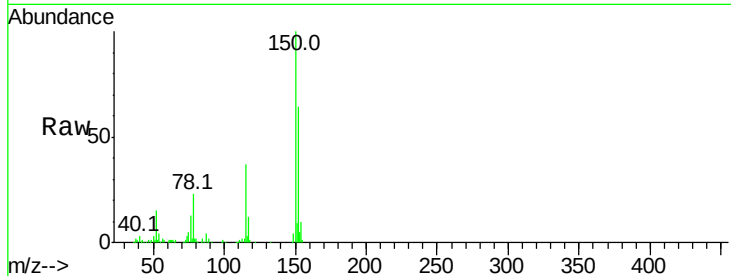


#1

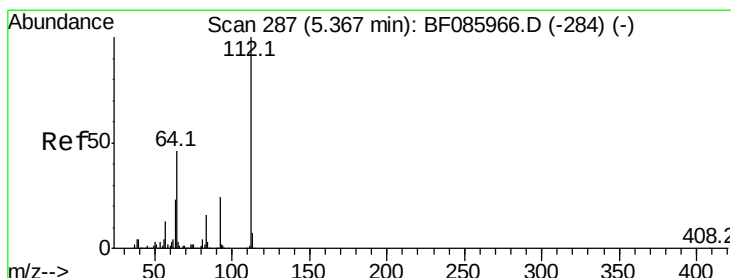
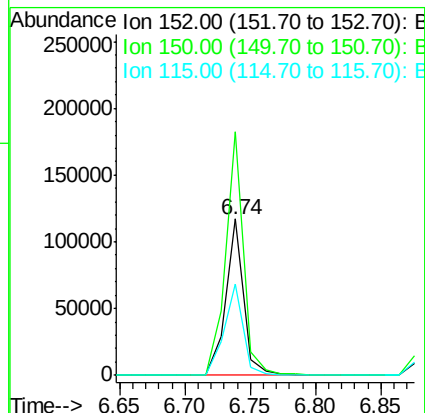
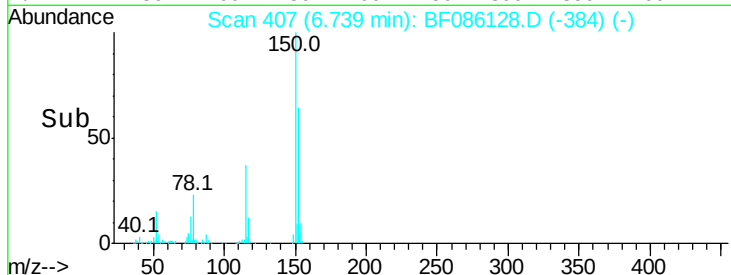
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.03 min
Lab File: BF086128.D
Acq: 7 Apr 2016 13:21

Instrument :
BNA_F
ClientSampleId :
L-P-C-SOIL-PILE1

Tot Ion	152	Resp	111310
Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.2	186.2
115	58.3	47.0	70.6



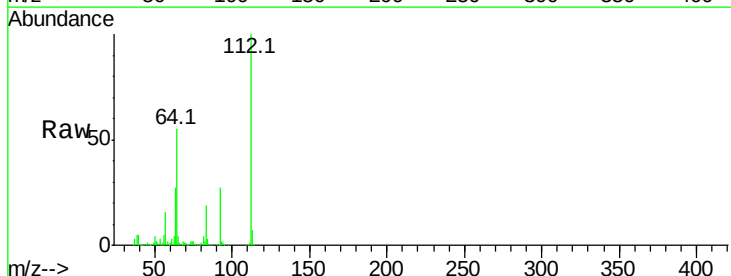
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



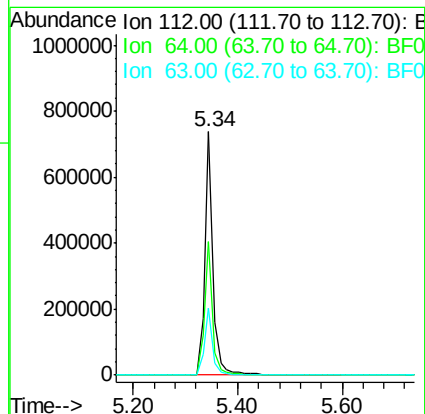
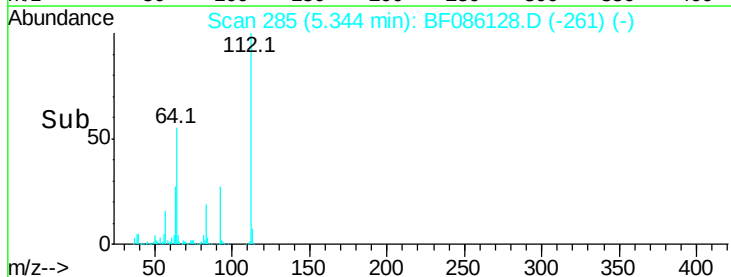
#5

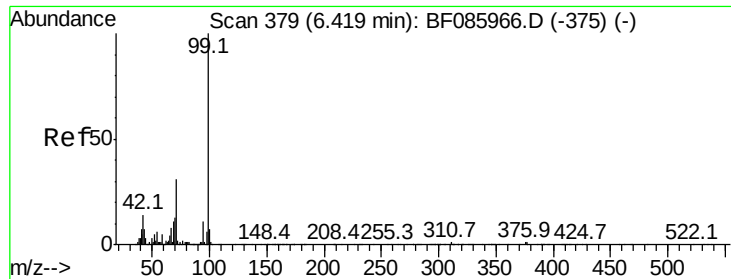
2-Fluorophenol
Concen: 123.93 ng
RT: 5.34 min Scan# 285
Delta R.T. -0.02 min
Lab File: BF086128.D
Acq: 7 Apr 2016 13:21

Tgt Ion	112	Resp	807006
Ion	Ratio	Lower	Upper
112	100		
64	54.7	39.9	59.9
63	27.3	20.2	30.2



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: 107.54 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.03 min

Lab File: BF086128.D

Acq: 7 Apr 2016 13:21

Instrument :

BNA_F

ClientSampleId :

L-P-C-SOIL-PILE1

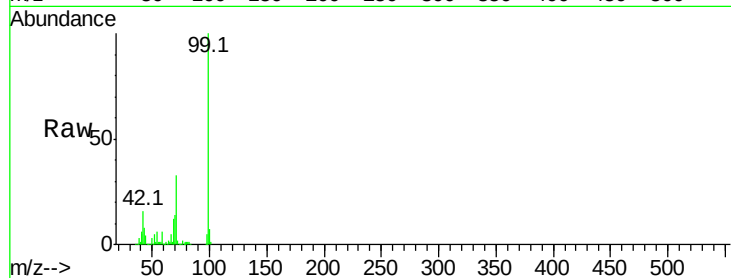
Tot Ion: 99 Resp: 889547

Ion Ratio Lower Upper

99 100

42 15.7 11.1 16.7

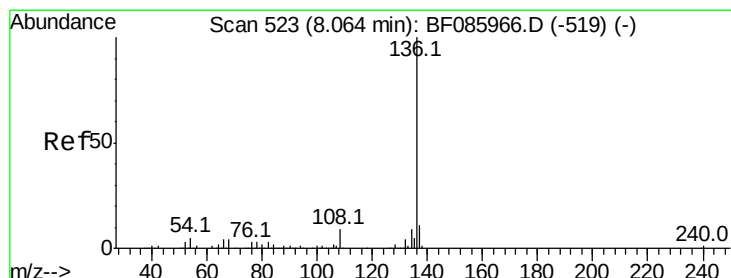
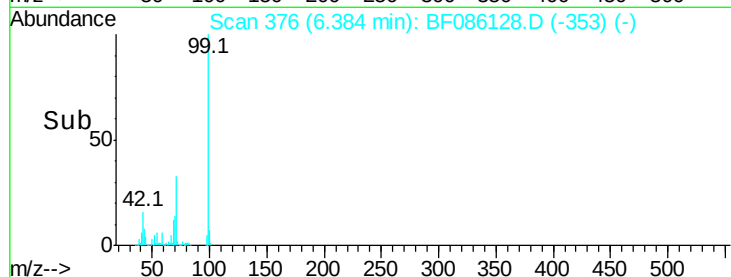
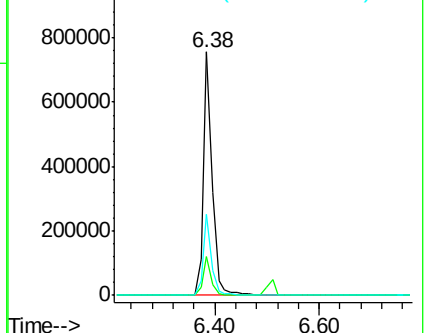
71 33.4 24.9 37.3



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: 8.02 min Scan# 519

Delta R.T. -0.05 min

Lab File: BF086128.D

Acq: 7 Apr 2016 13:21

Tgt Ion: 136 Resp: 444480

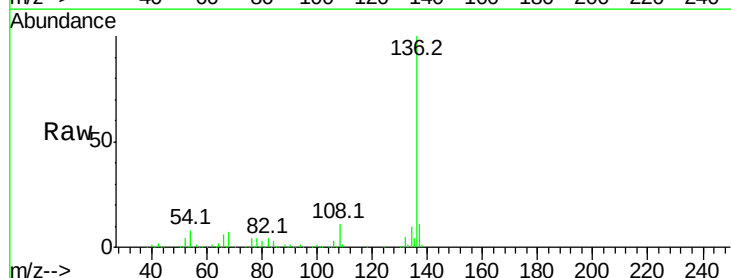
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 8.2 7.4 11.0

68 6.8 5.8 8.8

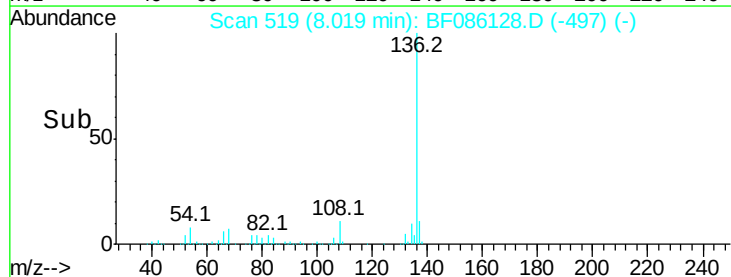
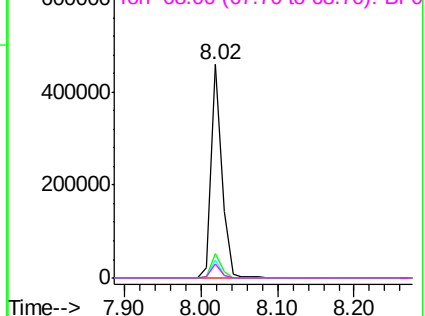


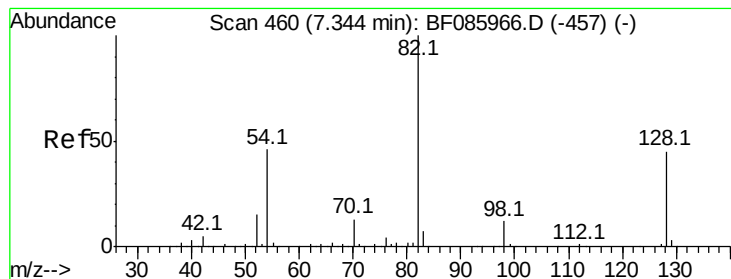
Abundance Ion 136.00 (135.70 to 136.70): E

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: 100.90 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.03 min

Lab File: BF086128.D

Acq: 7 Apr 2016 13:21

Instrument :

BNA_F

ClientSampleId :

L-P-C-SOIL-PILE1

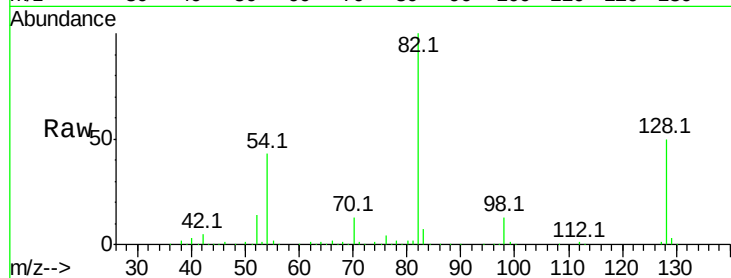
Tot Ion: 82 Resp: 760471

Ion Ratio Lower Upper

82 100

128 49.8 41.8 62.8

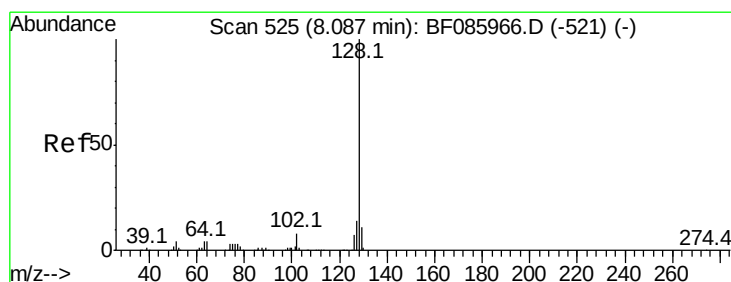
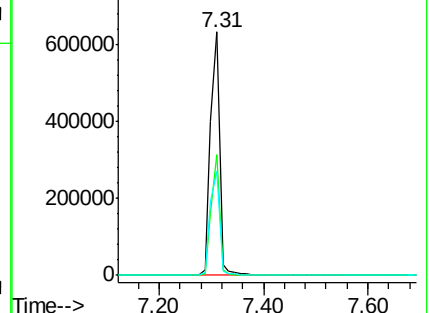
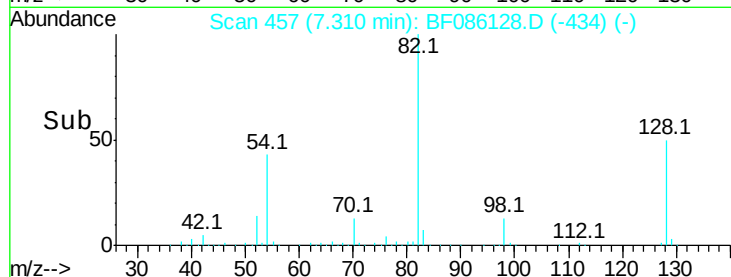
54 42.8 33.4 50.0



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



#31

Naphthalene

Concen: 2.04 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.05 min

Lab File: BF086128.D

Acq: 7 Apr 2016 13:21

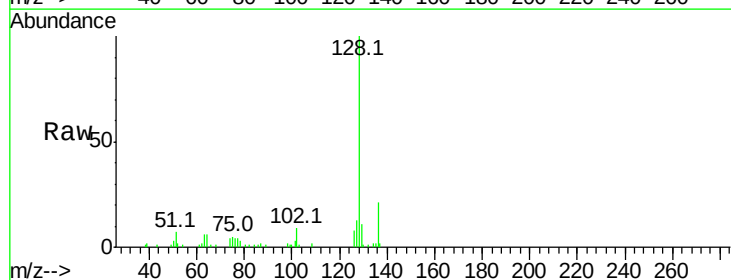
Tgt Ion:128 Resp: 45551

Ion Ratio Lower Upper

128 100

129 11.1 9.4 14.0

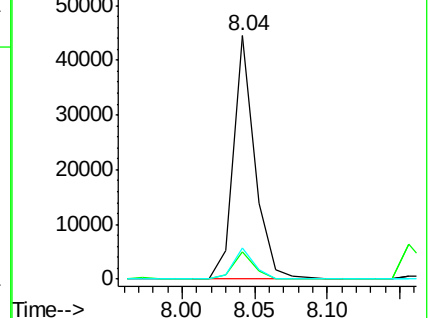
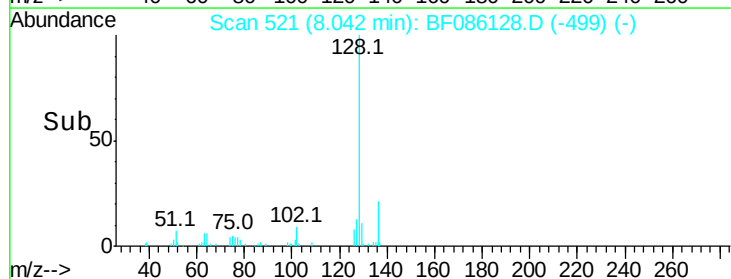
127 13.0 11.0 16.6

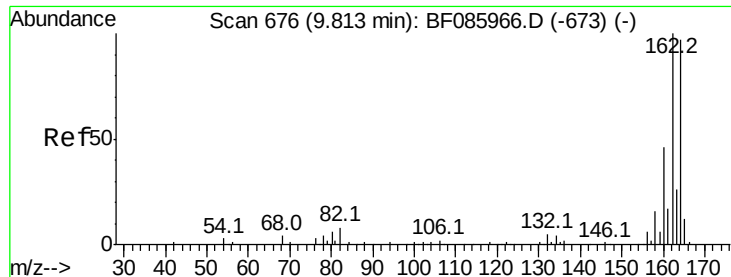


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

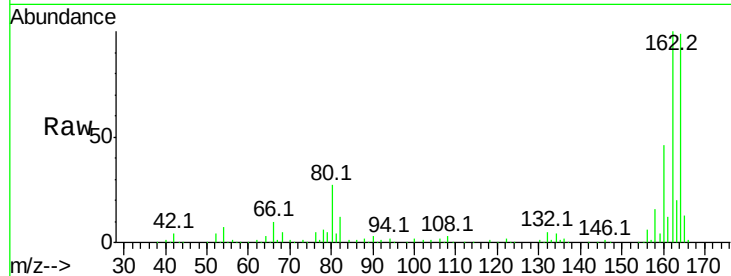




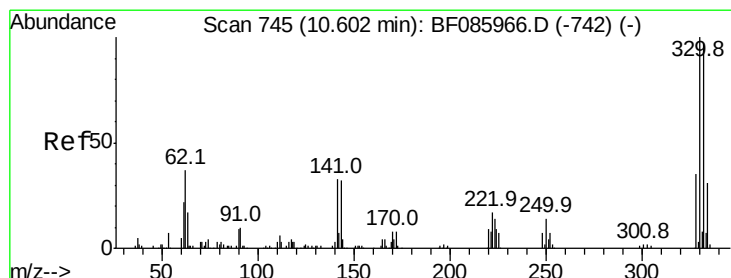
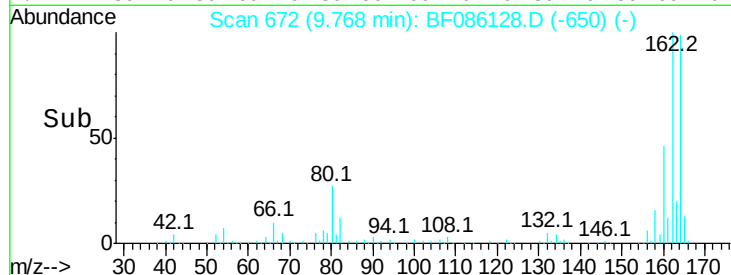
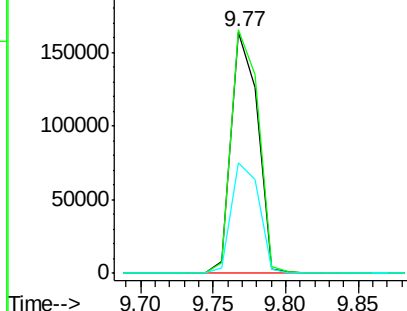
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.05 min
 Lab File: BF086128.D
 Acq: 7 Apr 2016 13:21

Instrument :
 BNA_F
 ClientSampleId :
 L-P-C-SOIL-PILE1

Tot Ion:164 Resp: 207823
 Ion Ratio Lower Upper
 164 100
 162 100.8 82.1 123.1
 160 45.9 37.4 56.2

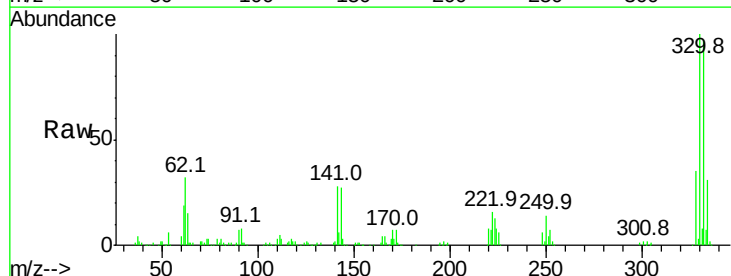


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

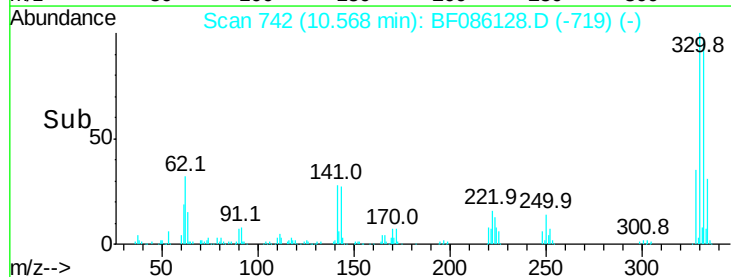
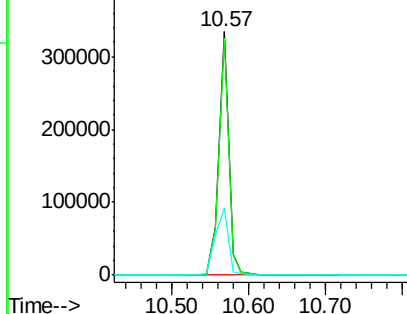


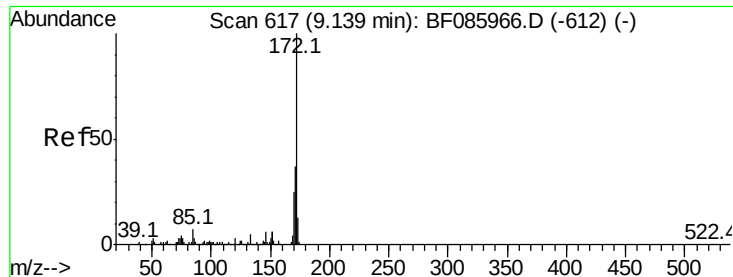
#41
 2,4,6-Tribromophenol
 Concen: 155.01 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.03 min
 Lab File: BF086128.D
 Acq: 7 Apr 2016 13:21

Tgt Ion:330 Resp: 302367
 Ion Ratio Lower Upper
 330 100
 332 97.4 78.2 117.2
 141 35.6 31.5 47.3



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: 101.83 ng

RT: 9.10 min Scan# 614

Delta R.T. -0.03 min

Lab File: BF086128.D

Acq: 7 Apr 2016 13:21

Instrument :

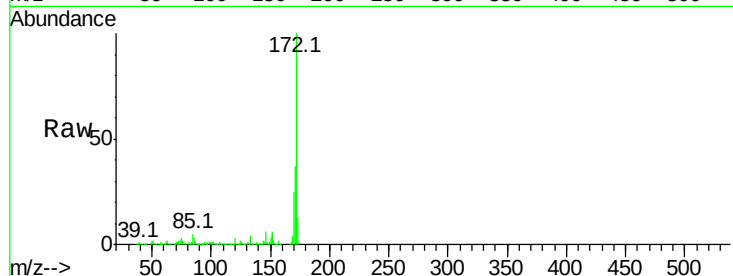
BNA_F

ClientSampleId :

L-P-C-SOIL-PILE1

Tot Ion:172 Resp: 1272790

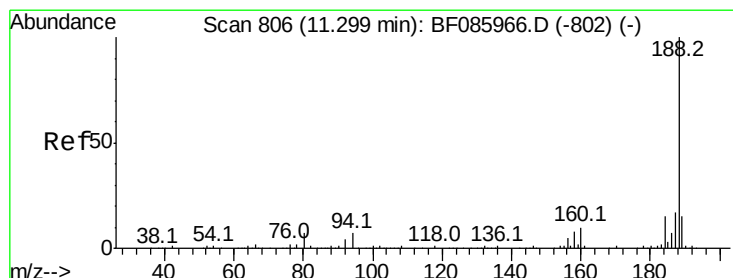
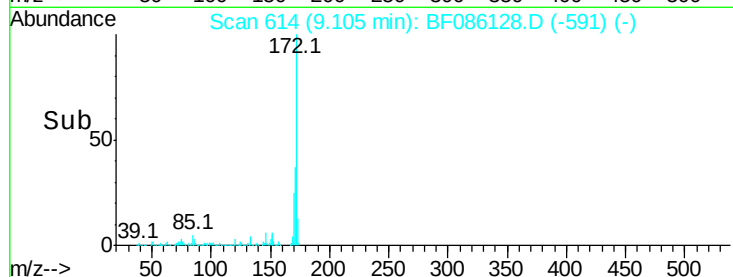
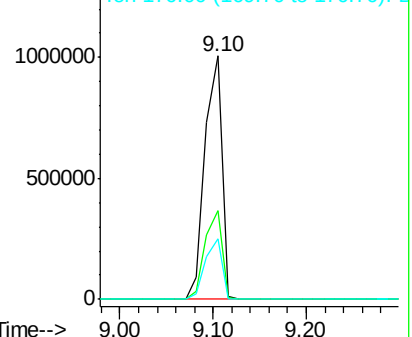
Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.2
170	24.6	19.8	29.6



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: 11.25 min Scan# 802

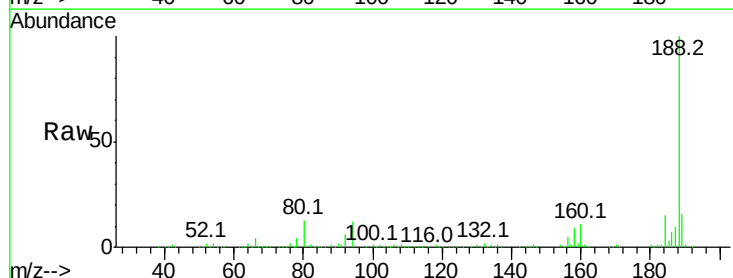
Delta R.T. -0.05 min

Lab File: BF086128.D

Acq: 7 Apr 2016 13:21

Tgt Ion:188 Resp: 403816

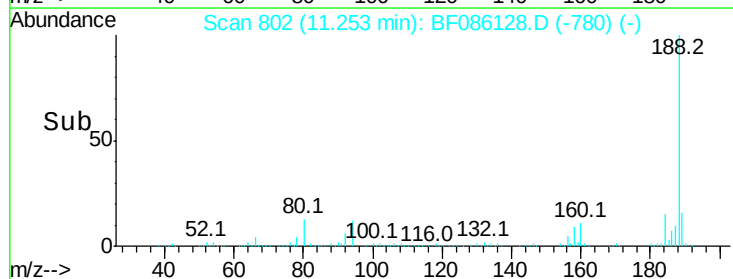
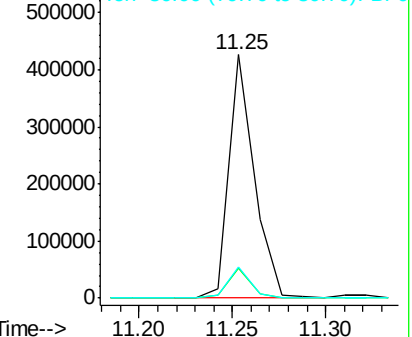
Ion	Ratio	Lower	Upper
188	100		
94	12.0	5.4	8.0#
80	13.0	5.5	8.3#

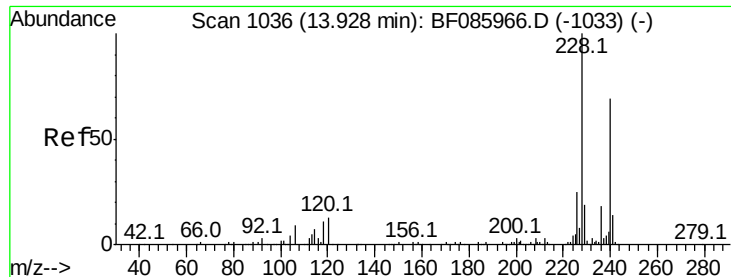


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.89 min Scan# 1033

Delta R.T. -0.03 min

Lab File: BF086128.D

Acq: 7 Apr 2016 13:21

Instrument :

BNA_F

ClientSampleId :

L-P-C-SOIL-PILE1

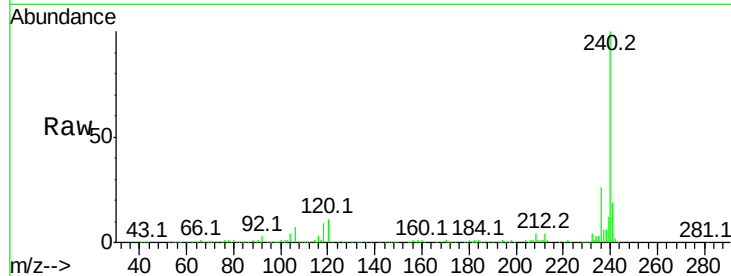
Tot Ion:240 Resp: 336984

Ion Ratio Lower Upper

240 100

120 10.9 13.8 20.8#

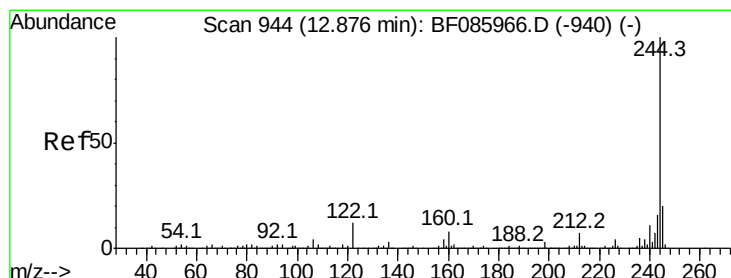
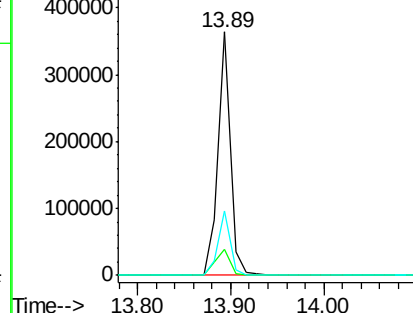
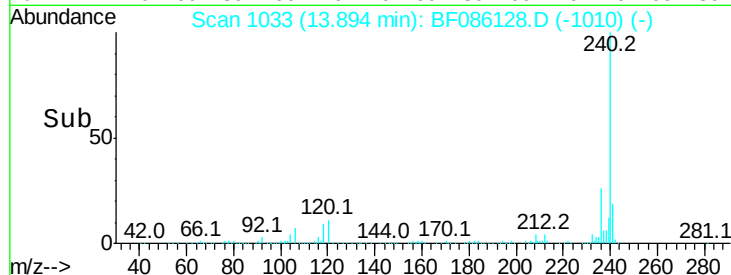
236 26.4 20.6 30.8



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: 79.75 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.03 min

Lab File: BF086128.D

Acq: 7 Apr 2016 13:21

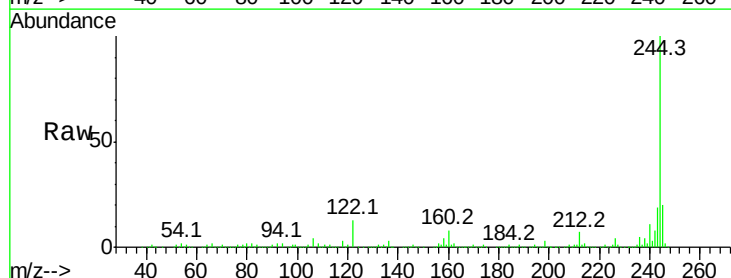
Tgt Ion:244 Resp: 1143253

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

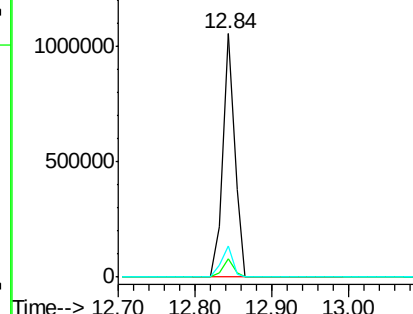
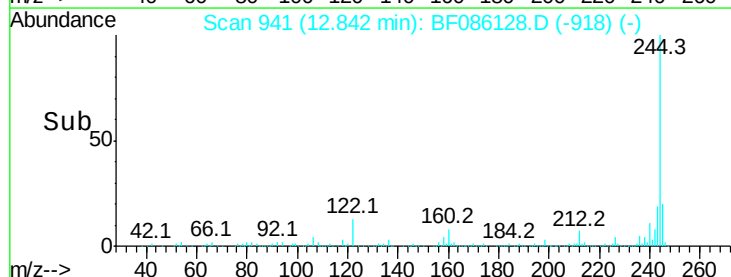
122 12.7 10.2 15.4

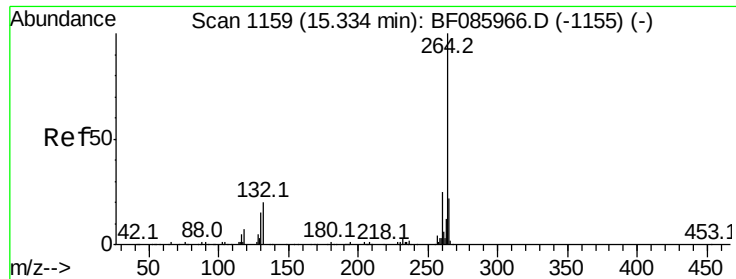


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.29 min Scan# 1155
 Delta R.T. -0.05 min
 Lab File: BF086128.D
 Acq: 7 Apr 2016 13:21

Instrument :
 BNA_F
 ClientSampleId :
 L-P-C-SOIL-PILE1

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.2
265	21.1	17.2	25.8

