

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082615\
 Data File : BF081228.D
 Acq On : 26 Aug 2015 23:21
 Operator : UM/IZ
 Sample : G3385-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-6

Quant Time: Aug 27 01:26:25 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 13:58:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	52938	20.00	ng	-0.02
21) Naphthalene-d8	7.81	136	191675	20.00	ng	-0.02
38) Acenaphthene-d10	9.54	164	94188	20.00	ng	-0.04
63) Phenanthrene-d10	11.01	188	171590	20.00	ng	-0.04
75) Chrysene-d12	13.62	240	151452	20.00	ng	-0.04
86) Perylene-d12	14.95	264	113553	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	393186	111.71	ng	-0.01
7) Phenol-d6	6.17	99	517566	112.71	ng	-0.02
23) Nitrobenzene-d5	7.09	82	323856	77.18	ng	-0.04
41) 2,4,6-Tribromophenol	10.33	330	112910	138.29	ng	-0.02
44) 2-Fluorobiphenyl	8.88	172	525574	73.11	ng	-0.02
78) Terphenyl-d14	12.59	244	507413	71.82	ng	-0.04

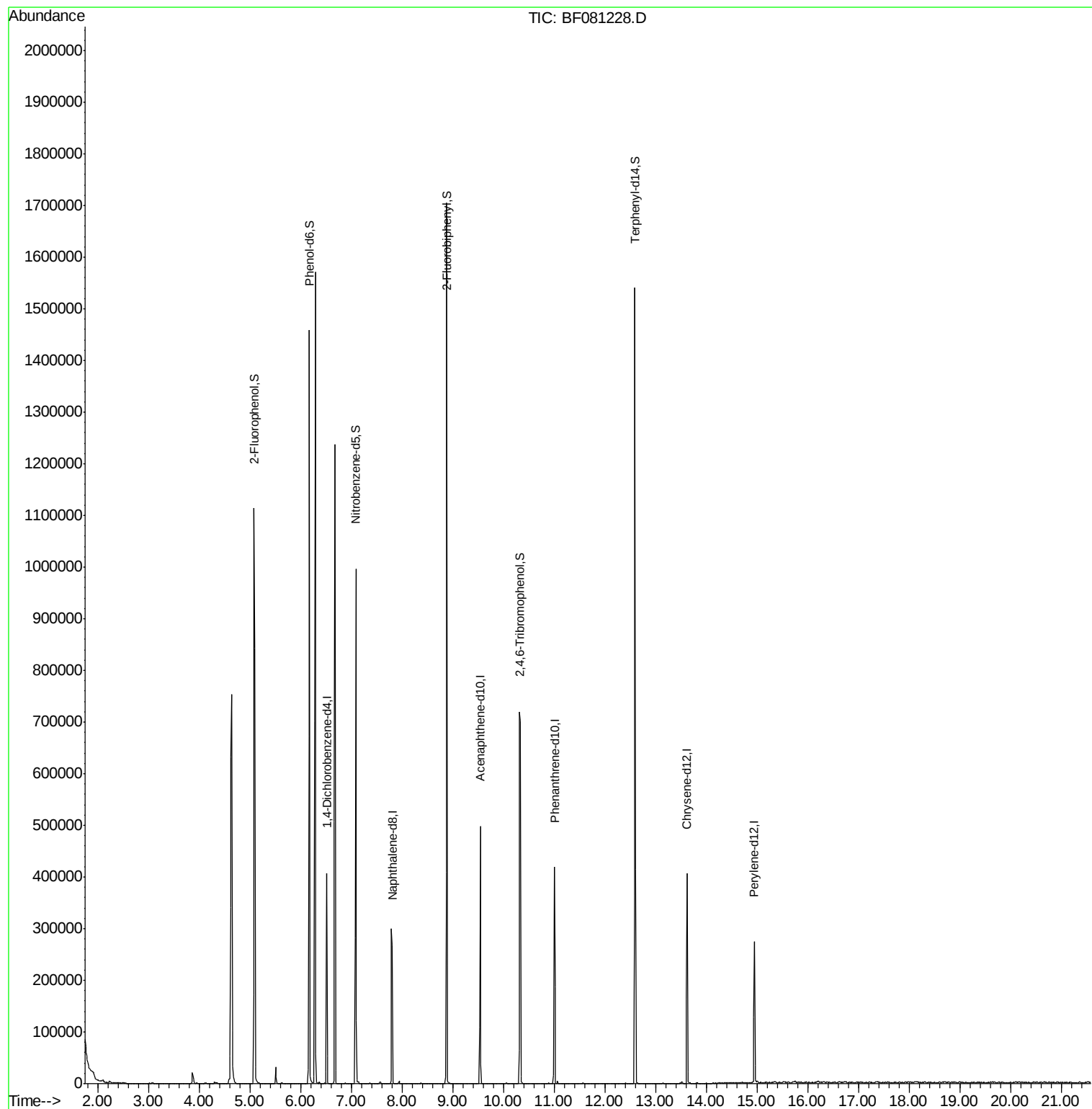
Target Compounds	Qvalue
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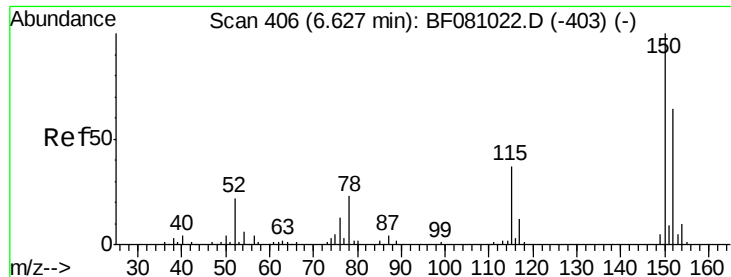
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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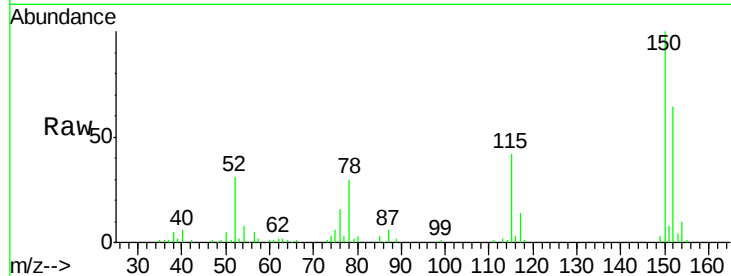


#1

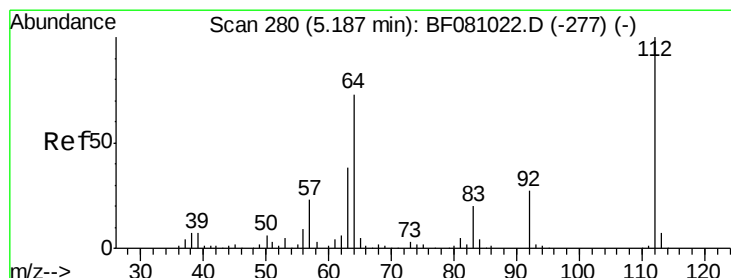
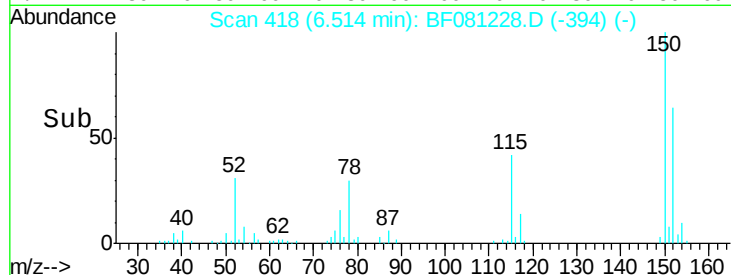
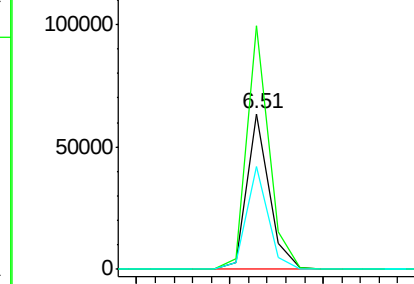
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.51 min Scan# 418
Delta R.T. -0.02 min
Lab File: BF081228.D
Acq: 26 Aug 2015 23:21

Instrument :
BNA_F
ClientSampleId :
SOIL-6

Tgt Ion:152 Resp: 52938
Ion Ratio Lower Upper
152 100
150 156.8 123.8 185.6
115 66.1 52.1 78.1



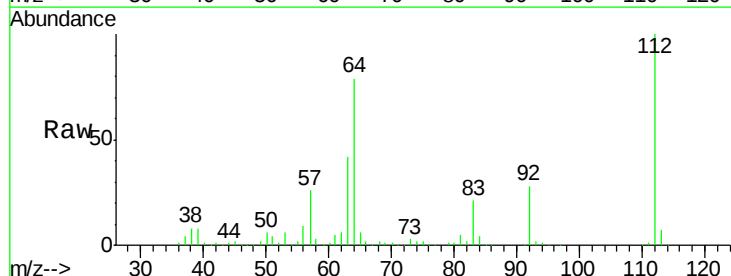
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



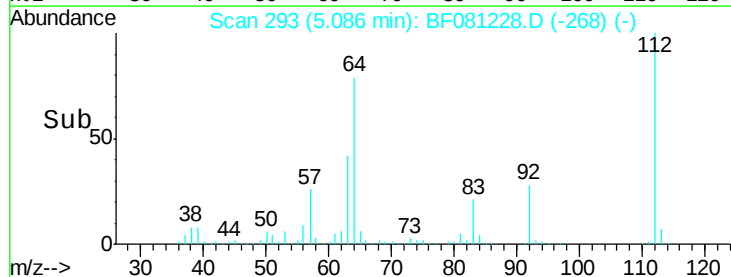
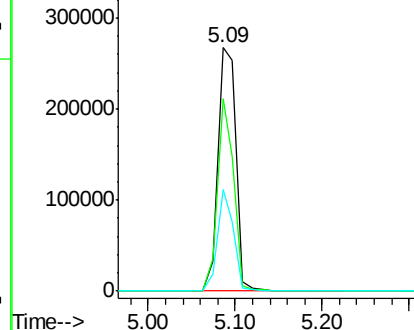
#5

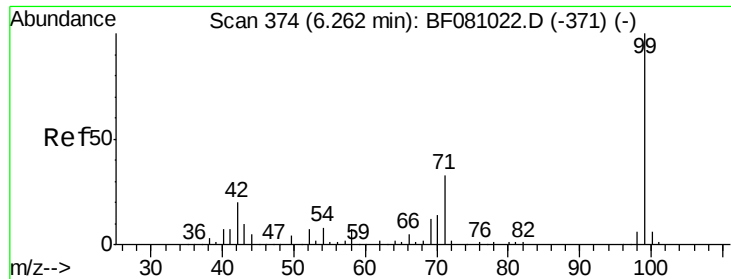
2-Fluorophenol
Concen: 111.71 ng
RT: 5.09 min Scan# 293
Delta R.T. -0.01 min
Lab File: BF081228.D
Acq: 26 Aug 2015 23:21

Tgt Ion:112 Resp: 393186
Ion Ratio Lower Upper
112 100
64 79.1 66.9 100.3
63 41.8 38.1 57.1



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: 112.71 ng

RT: 6.17 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF081228.D

Acq: 26 Aug 2015 23:21

Instrument :

BNA_F

ClientSampleId :

SOIL-6

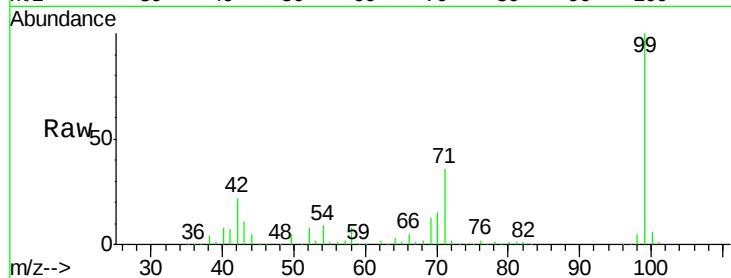
Tgt Ion: 99 Resp: 517566

Ion Ratio Lower Upper

99 100

42 21.6 19.6 29.4

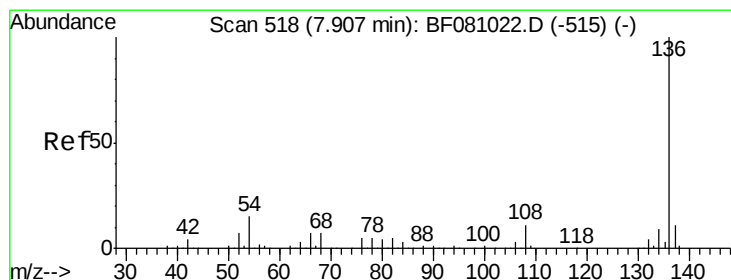
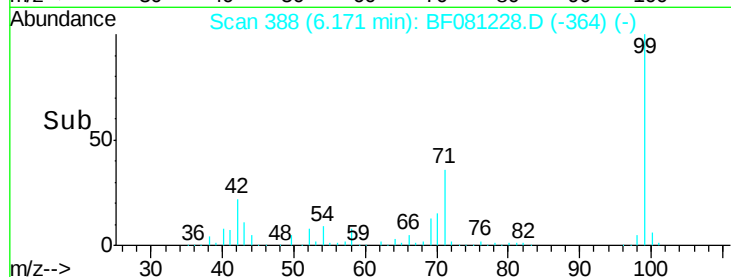
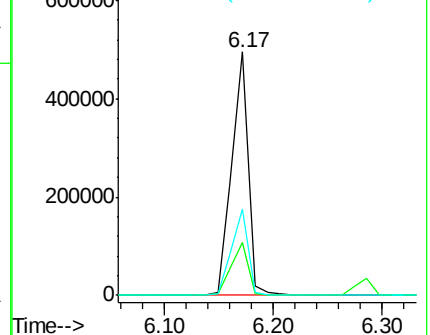
71 35.5 31.2 46.8



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: 7.81 min Scan# 531

Delta R.T. -0.02 min

Lab File: BF081228.D

Acq: 26 Aug 2015 23:21

Tgt Ion: 136 Resp: 191675

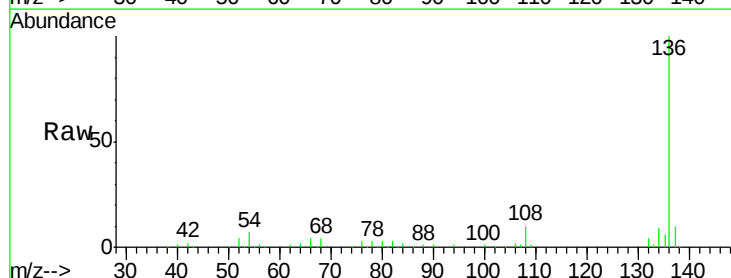
Ion Ratio Lower Upper

136 100

137 10.4 8.2 12.2

54 7.2 7.7 11.5#

68 4.1 3.4 5.2

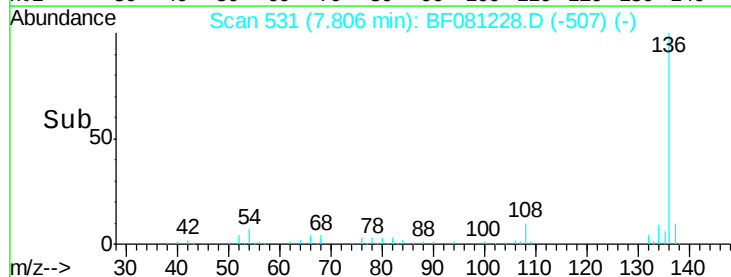
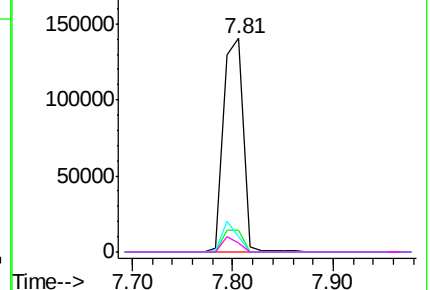


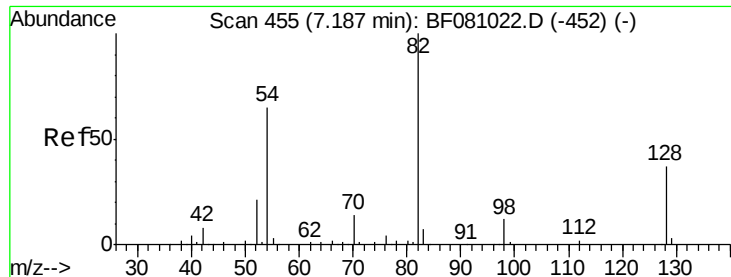
Abundance Ion 136.00 (135.70 to 136.70): E

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

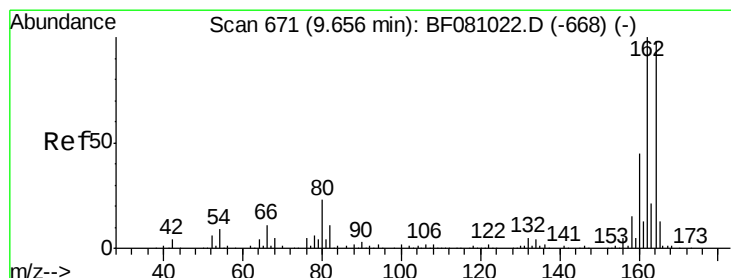
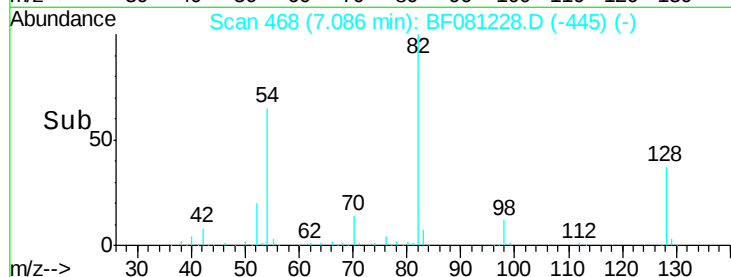
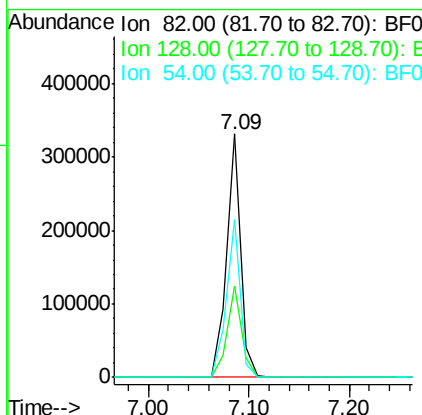
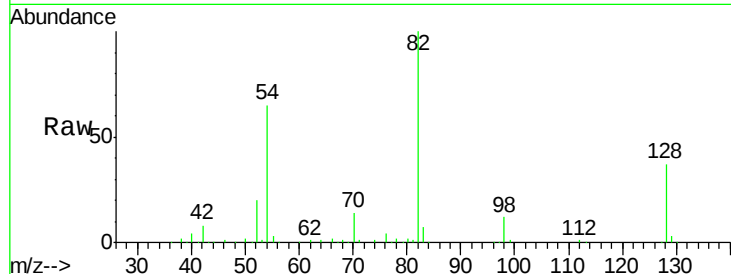




#23
 Nitrobenzene-d5
 Concen: 77.18 ng
 RT: 7.09 min Scan# 468
 Delta R.T. -0.04 min
 Lab File: BF081228.D
 Acq: 26 Aug 2015 23:21

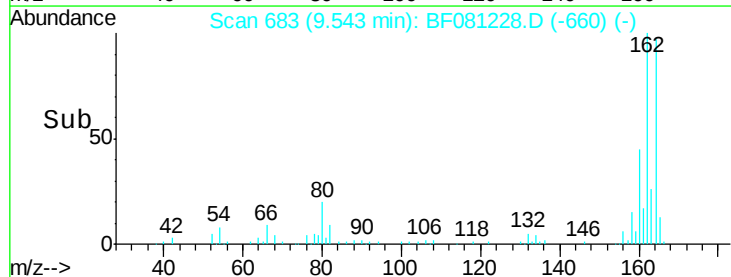
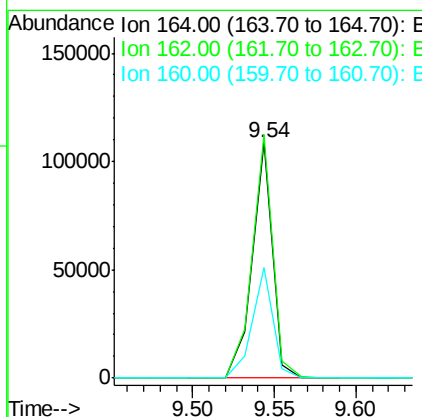
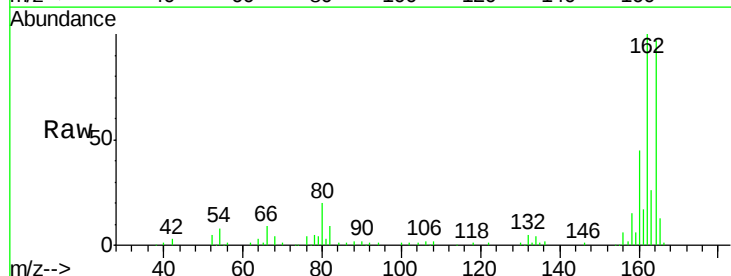
Instrument :
 BNA_F
 ClientSampled :
 SOIL-6

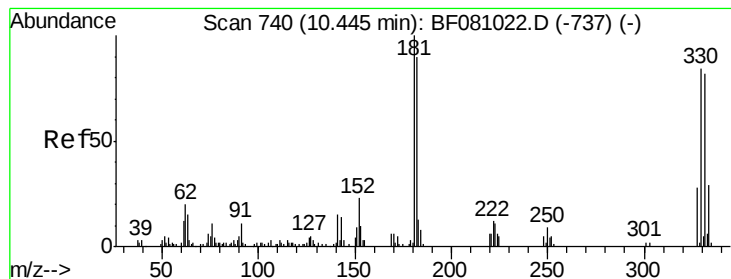
Tgt Ion: 82 Resp: 323856
 Ion Ratio Lower Upper
 82 100
 128 37.3 28.6 42.8
 54 64.9 55.1 82.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.54 min Scan# 683
 Delta R.T. -0.04 min
 Lab File: BF081228.D
 Acq: 26 Aug 2015 23:21

Tgt Ion: 164 Resp: 94188
 Ion Ratio Lower Upper
 164 100
 162 103.4 83.8 125.8
 160 46.7 39.8 59.8





#41

2,4,6-Tribromophenol

Concen: 138.29 ng

RT: 10.33 min Scan# 752

Delta R.T. -0.02 min

Lab File: BF081228.D

Acq: 26 Aug 2015 23:21

Instrument :

BNA_F

ClientSampleId :

SOIL-6

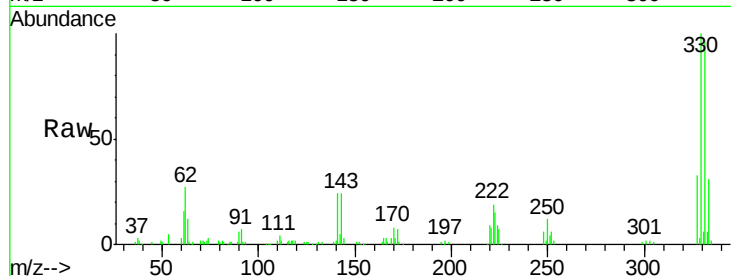
Tgt Ion:330 Resp: 112910

Ion Ratio Lower Upper

330 100

332 96.3 77.3 115.9

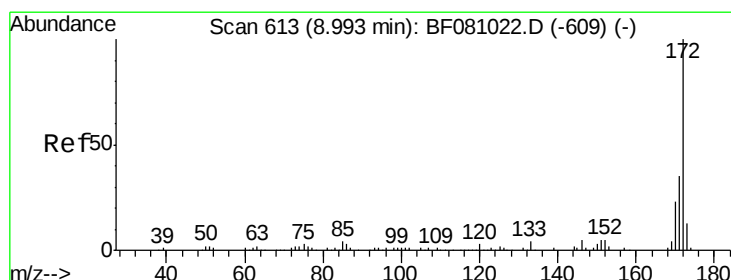
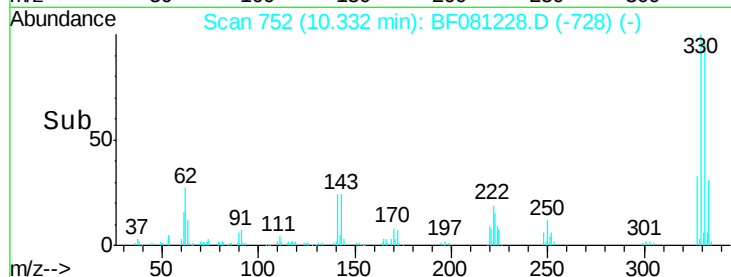
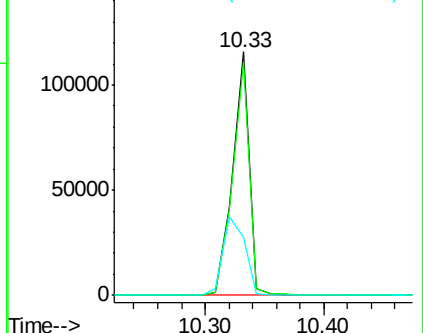
141 42.1 44.9 67.3#



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: 73.11 ng

RT: 8.88 min Scan# 625

Delta R.T. -0.02 min

Lab File: BF081228.D

Acq: 26 Aug 2015 23:21

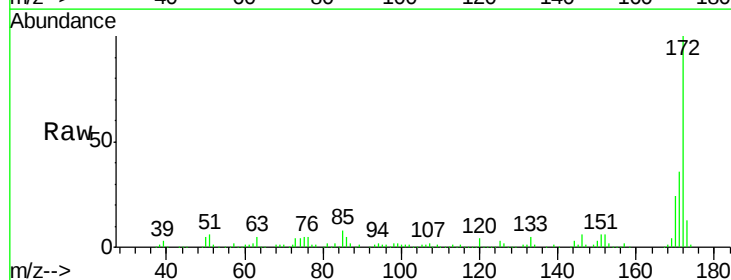
Tgt Ion:172 Resp: 525574

Ion Ratio Lower Upper

172 100

171 36.3 28.9 43.3

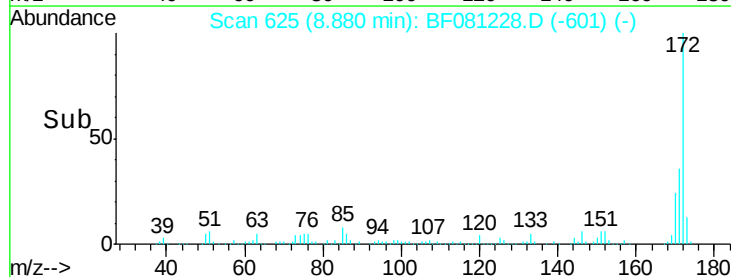
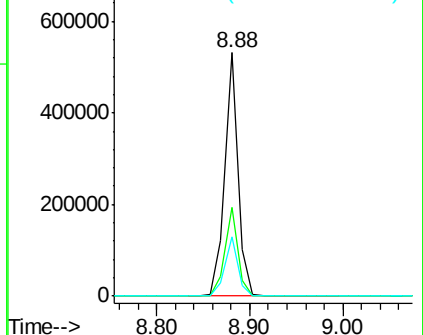
170 24.1 19.4 29.2

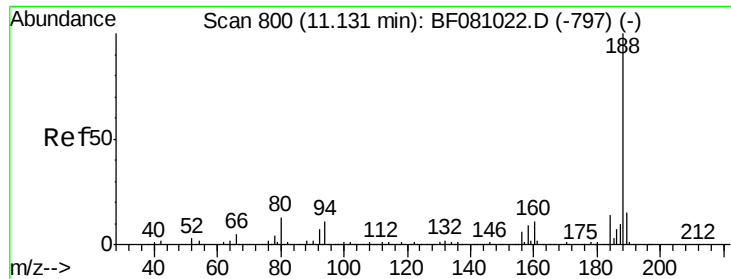


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

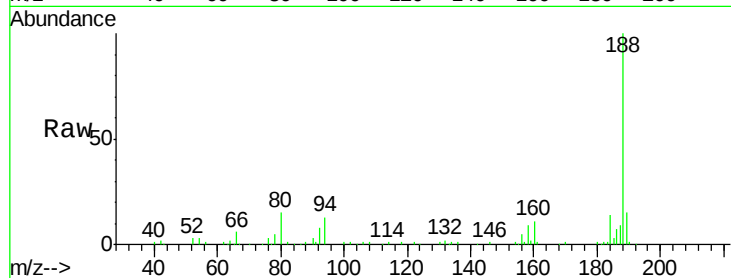




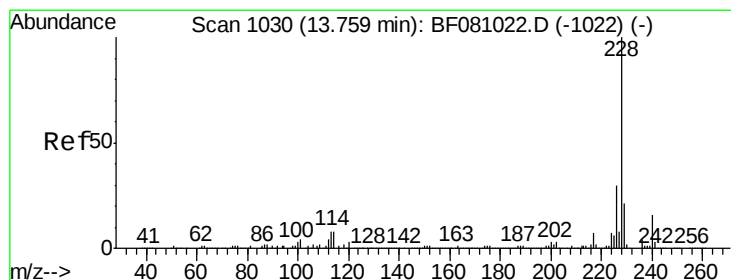
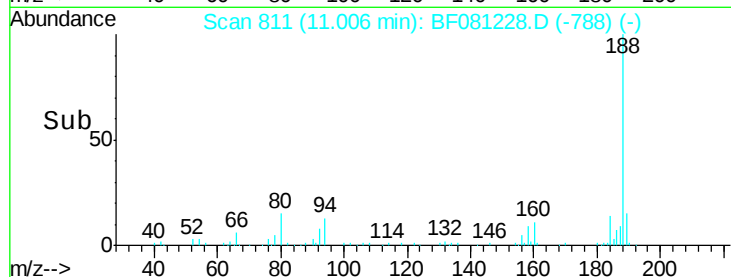
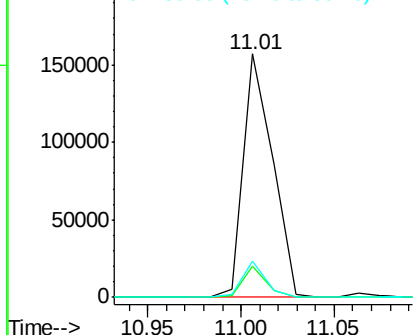
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.01 min Scan# 811
Delta R.T. -0.04 min
Lab File: BF081228.D
Acq: 26 Aug 2015 23:21

Instrument :
BNA_F
ClientSampleId :
SOIL-6

Tgt Ion:188 Resp: 171590
Ion Ratio Lower Upper
188 100
94 12.6 8.2 12.2#
80 14.8 9.5 14.3#

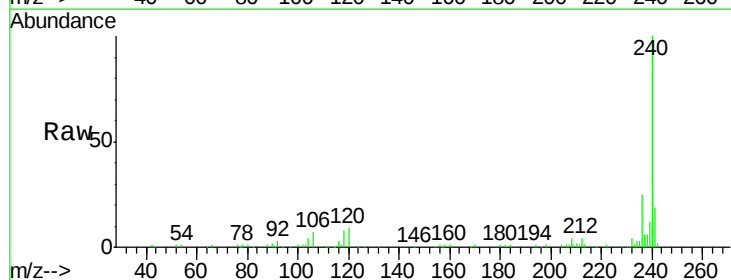


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

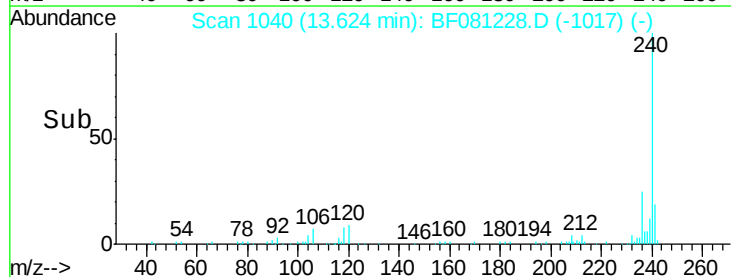
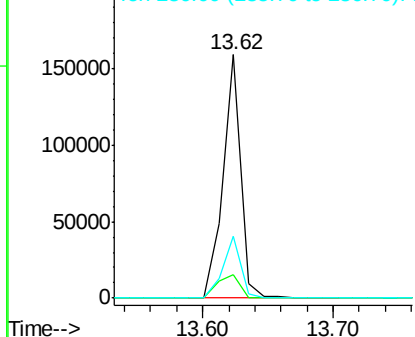


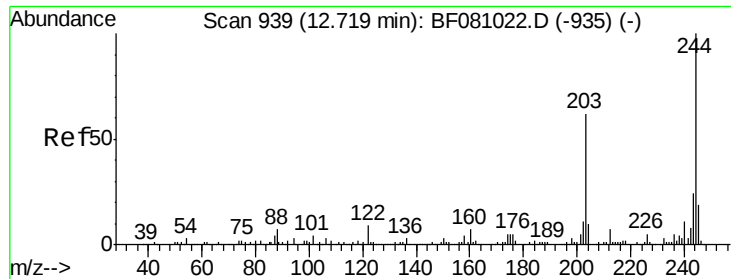
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.62 min Scan# 1040
Delta R.T. -0.04 min
Lab File: BF081228.D
Acq: 26 Aug 2015 23:21

Tgt Ion:240 Resp: 151452
Ion Ratio Lower Upper
240 100
120 9.5 5.6 8.4#
236 25.3 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

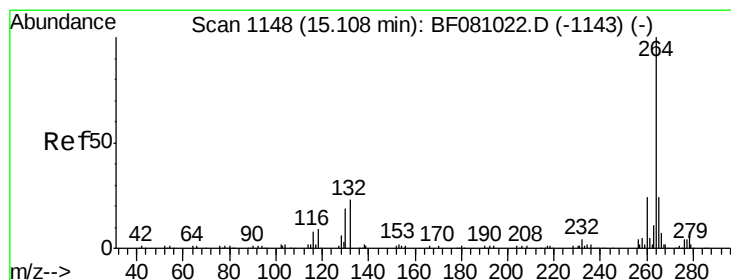
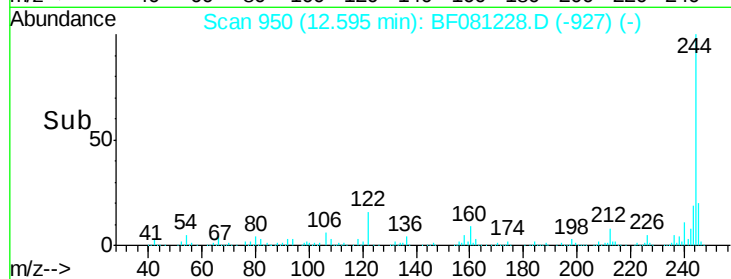
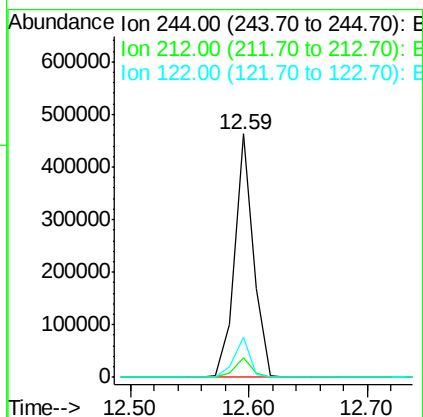
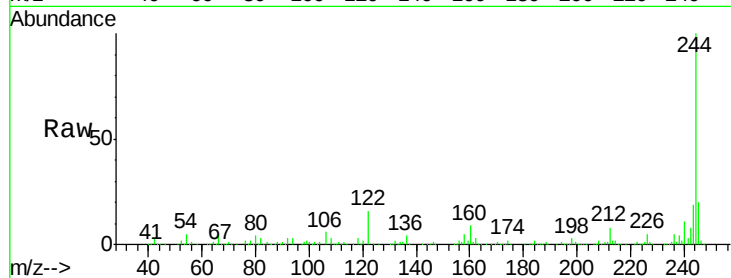




#78
 Terphenyl-d14
 Concen: 71.82 ng
 RT: 12.59 min Scan# 950
 Delta R.T. -0.04 min
 Lab File: BF081228.D
 Acq: 26 Aug 2015 23:21

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-6

Tgt Ion:244 Resp: 507413
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.8 8.8
 122 16.2 8.2 12.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.95 min Scan# 1156
 Delta R.T. -0.04 min
 Lab File: BF081228.D
 Acq: 26 Aug 2015 23:21

Tgt Ion:264 Resp: 113553
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.6 29.4
 265 21.5 17.5 26.3

