

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081015\
 Data File : BF080958.D
 Acq On : 10 Aug 2015 18:38
 Operator : TP/UM
 Sample : G3212-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-2

Quant Time: Aug 11 02:02:35 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	94224	20.00	ng	-0.02
21) Naphthalene-d8	8.06	136	362427	20.00	ng	-0.03
38) Acenaphthene-d10	9.82	164	187408	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	375983	20.00	ng	-0.02
75) Chrysene-d12	13.93	240	321880	20.00	ng	-0.03
86) Perylene-d12	15.32	264	264008	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	525061	91.05	ng	0.01
7) Phenol-d6	6.43	99	744829	94.25	ng	-0.01
23) Nitrobenzene-d5	7.36	82	562227	73.38	ng	-0.02
41) 2,4,6-Tribromophenol	10.61	330	220278	106.99	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	812650	61.05	ng	-0.02
78) Terphenyl-d14	12.89	244	838484	53.81	ng	-0.02

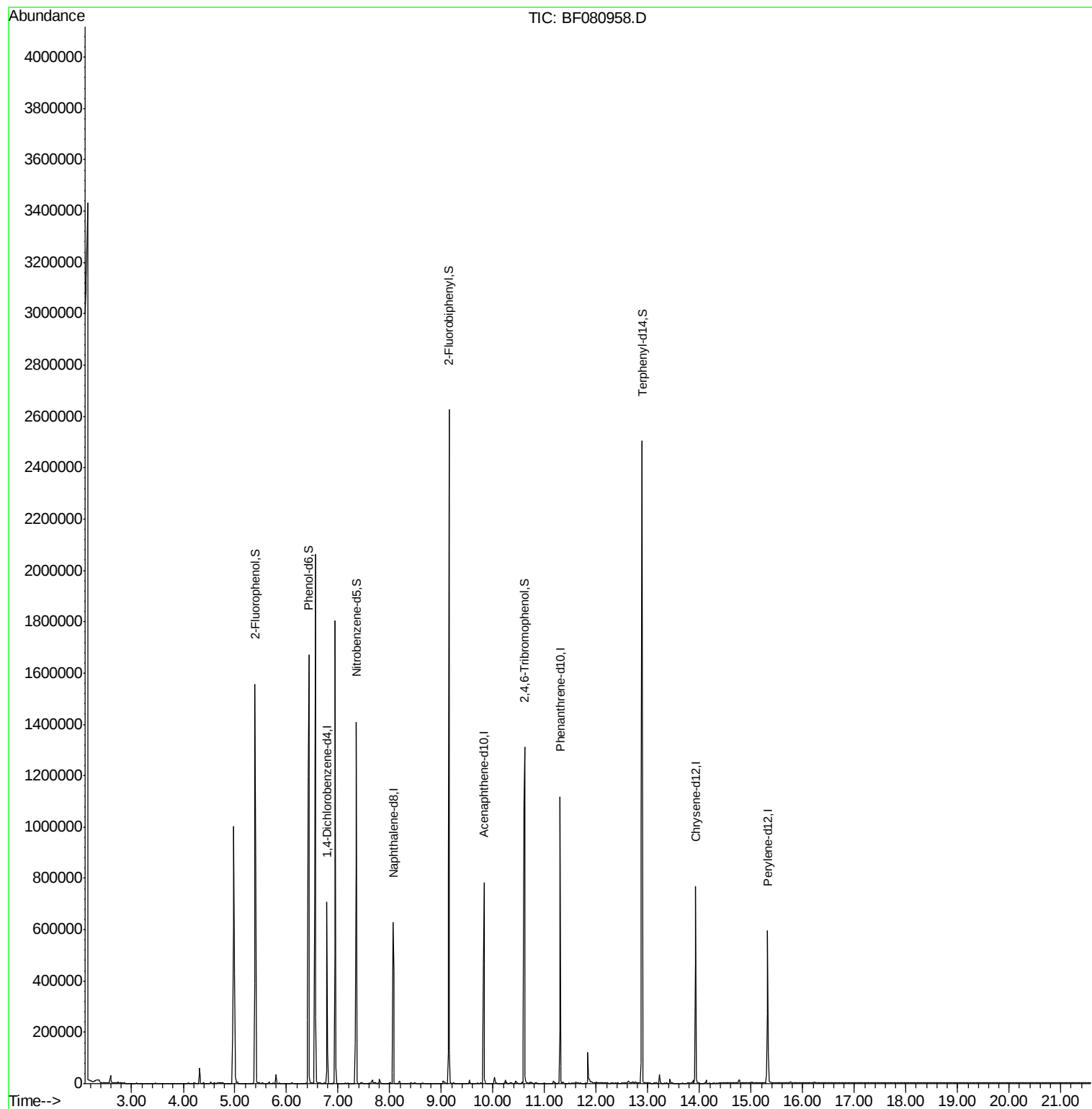
Target Compounds	Qvalue
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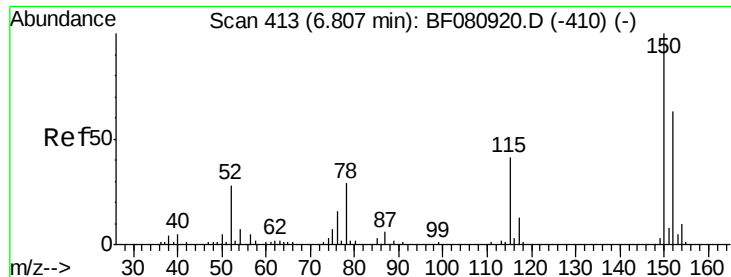
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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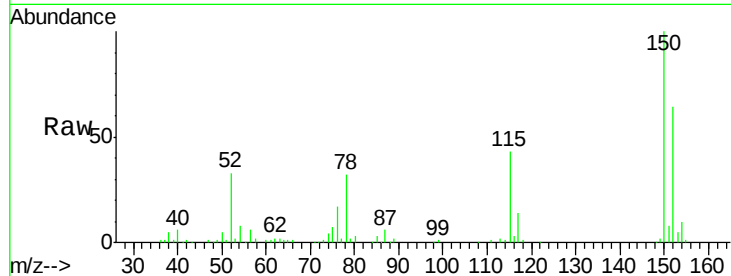


#1

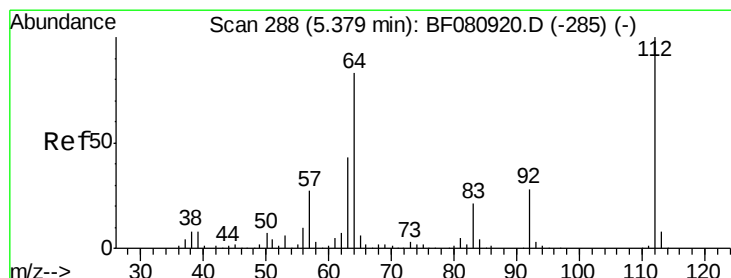
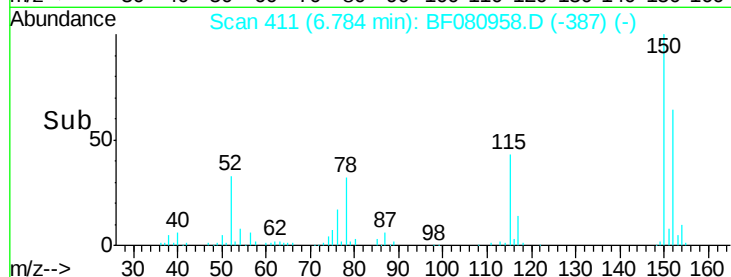
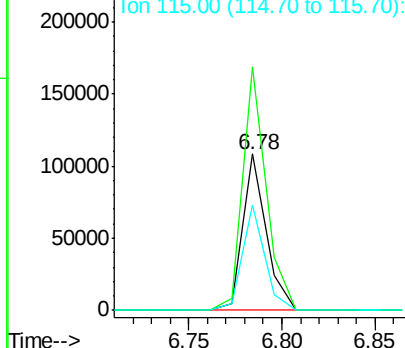
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.02 min
Lab File: BF080958.D
Acq: 10 Aug 2015 18:38

Instrument :
BNA_F
ClientSampleId :
SOIL-2

Tgt Ion:152 Resp: 94224
Ion Ratio Lower Upper
152 100
150 155.9 127.4 191.2
115 67.2 52.6 78.8



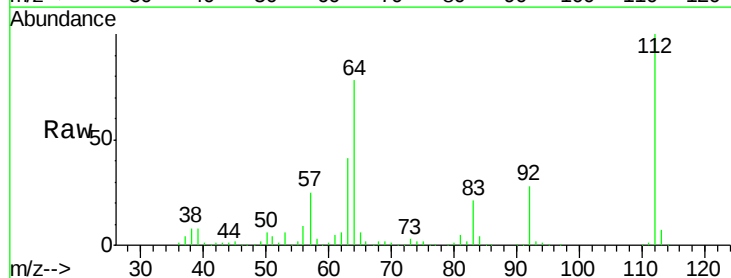
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



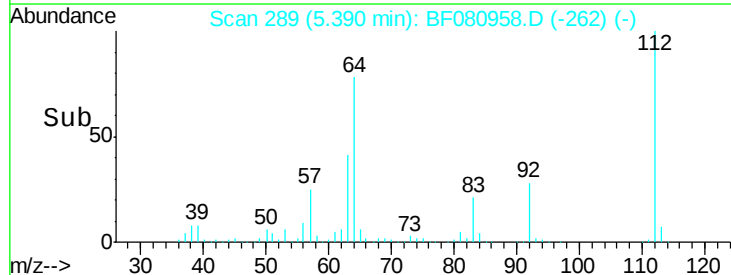
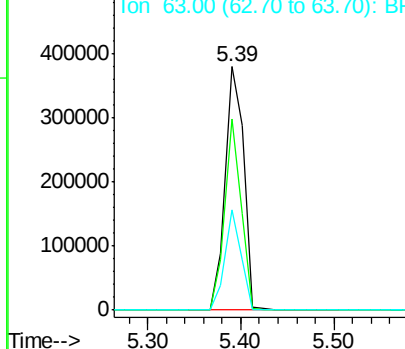
#5

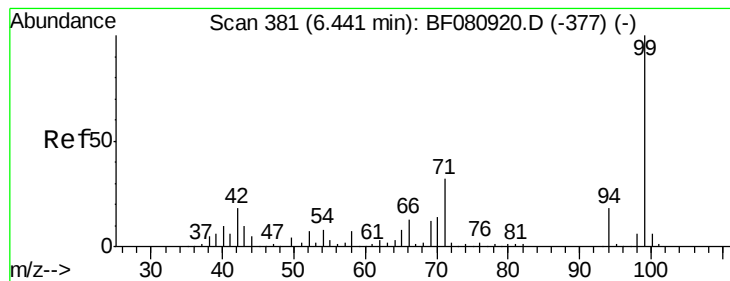
2-Fluorophenol
Concen: 91.05 ng
RT: 5.39 min Scan# 289
Delta R.T. 0.01 min
Lab File: BF080958.D
Acq: 10 Aug 2015 18:38

Tgt Ion:112 Resp: 525061
Ion Ratio Lower Upper
112 100
64 78.3 66.1 99.1
63 41.2 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: 94.25 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF080958.D

Acq: 10 Aug 2015 18:38

Instrument :

BNA_F

ClientSampleId :

SOIL-2

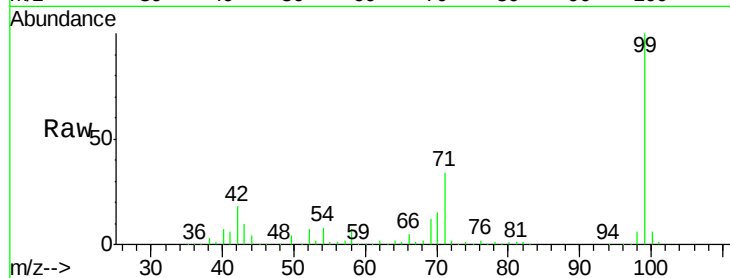
Tgt Ion: 99 Resp: 744829

Ion Ratio Lower Upper

99 100

42 18.4 14.4 21.6

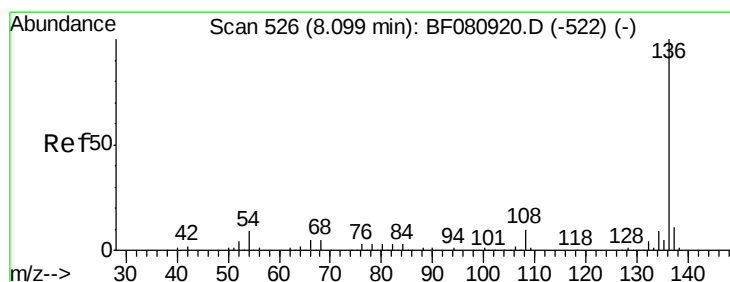
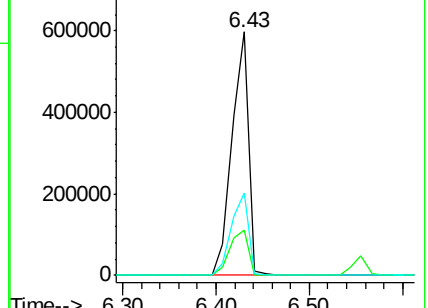
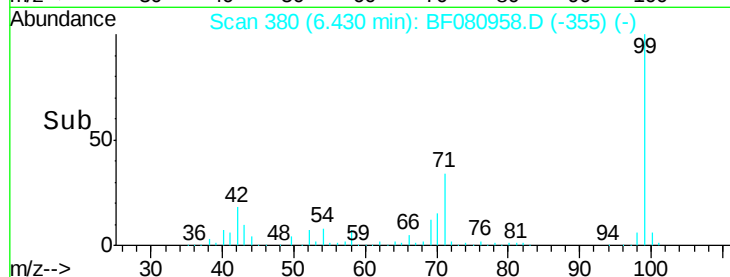
71 33.7 25.8 38.8



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: BF080958.D

Acq: 10 Aug 2015 18:38

Tgt Ion: 136 Resp: 362427

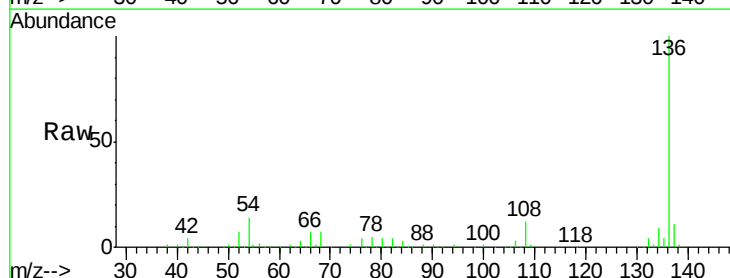
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 14.5 7.1 10.7#

68 7.0 3.8 5.8#

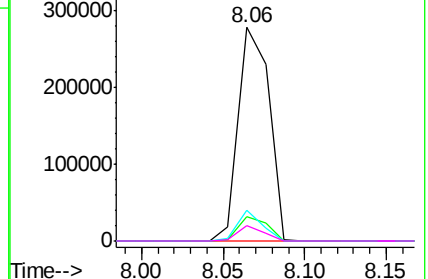
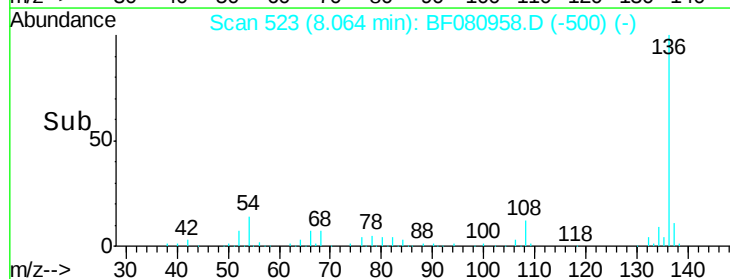


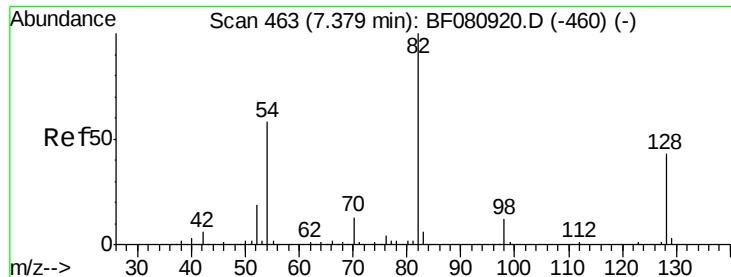
Abundance Ion 136.00 (135.70 to 136.70): E

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: 73.38 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.02 min

Lab File: BF080958.D

Acq: 10 Aug 2015 18:38

Instrument :

BNA_F

ClientSampled :

SOIL-2

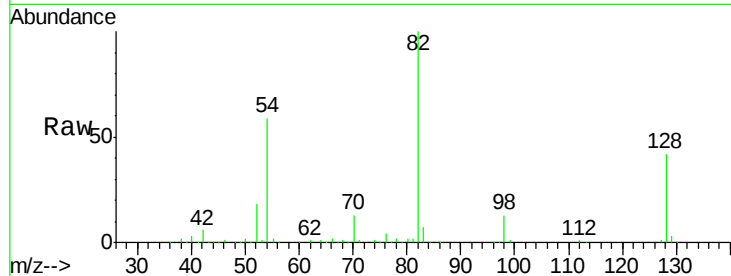
Tgt Ion: 82 Resp: 562227

Ion Ratio Lower Upper

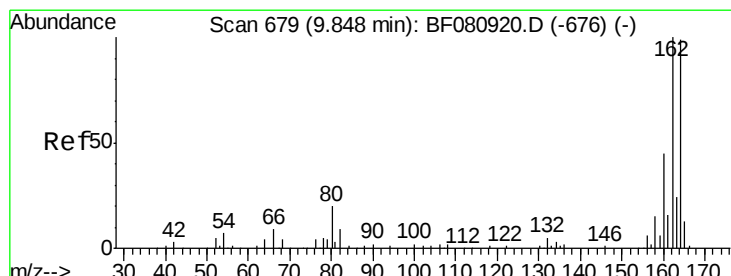
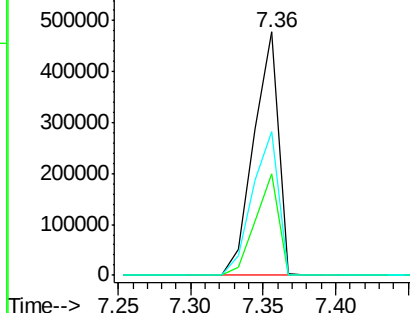
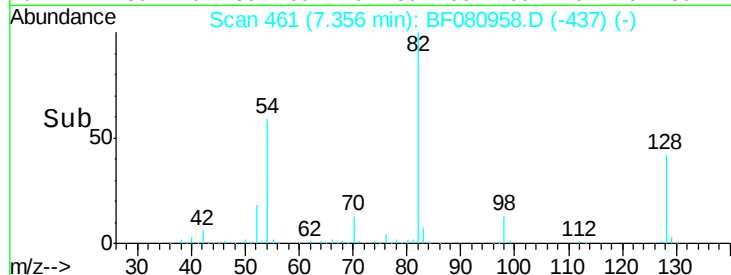
82 100

128 41.5 34.1 51.1

54 58.9 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): B



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.02 min

Lab File: BF080958.D

Acq: 10 Aug 2015 18:38

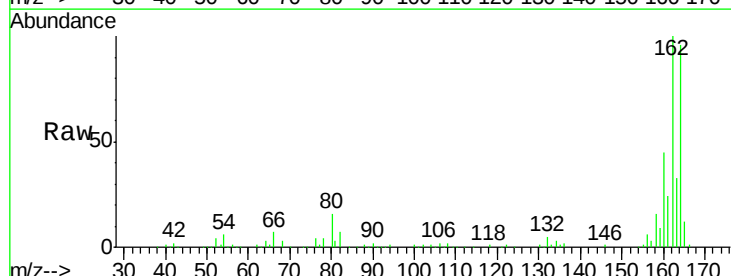
Tgt Ion: 164 Resp: 187408

Ion Ratio Lower Upper

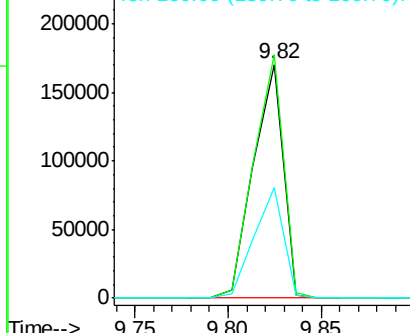
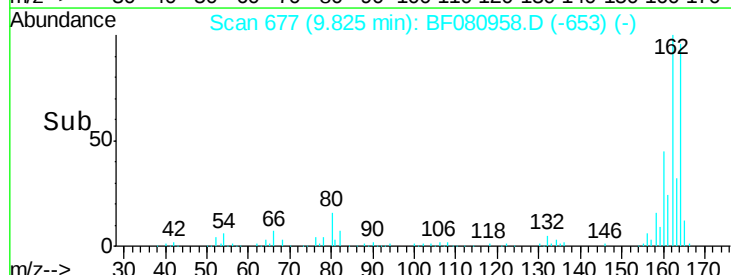
164 100

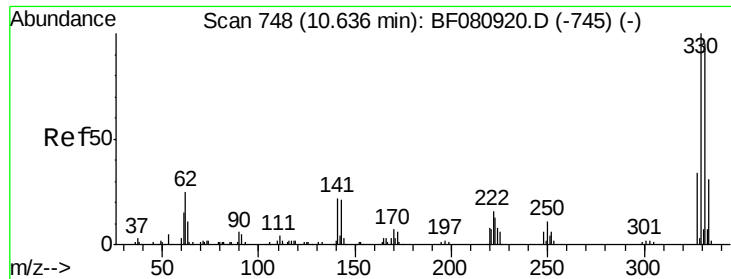
162 104.3 80.5 120.7

160 47.4 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

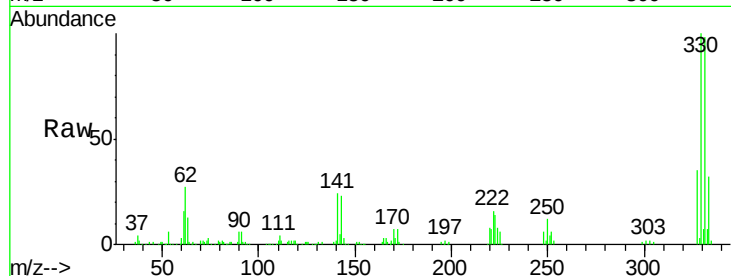




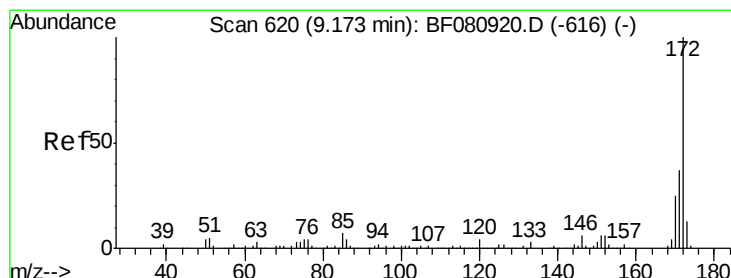
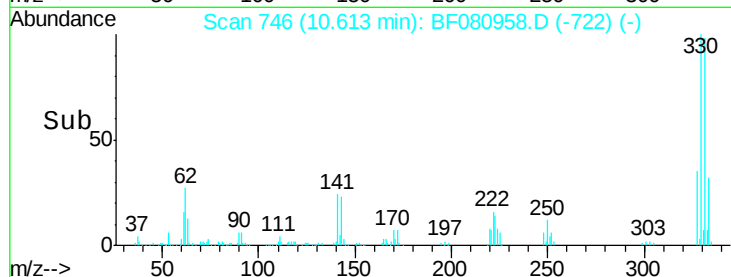
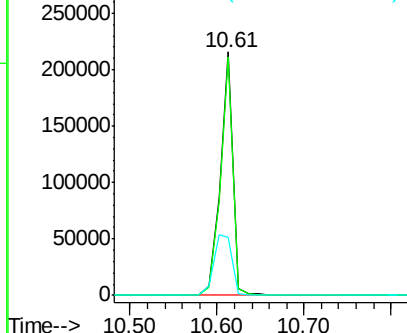
#41
 2,4,6-Tribromophenol
 Concen: 106.99 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.02 min
 Lab File: BF080958.D
 Acq: 10 Aug 2015 18:38

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-2

Tgt Ion:330 Resp: 220278
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.2 114.4
 141 36.1 27.8 41.8

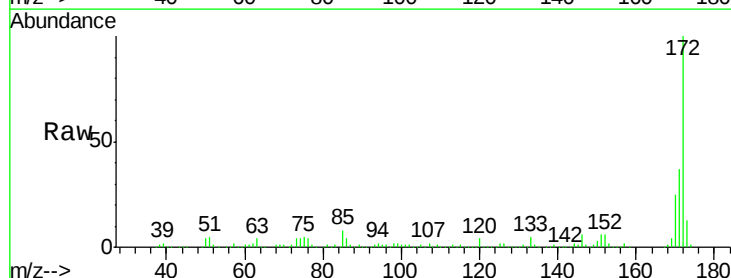


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

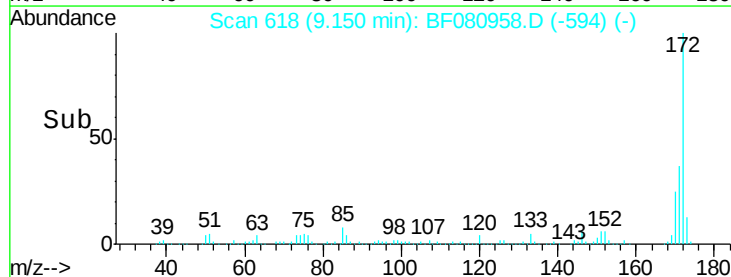
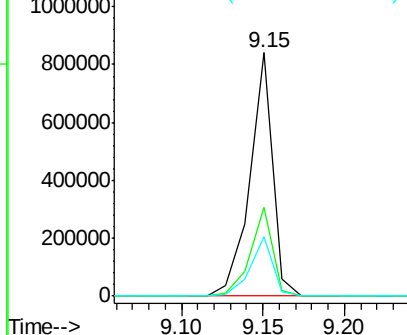


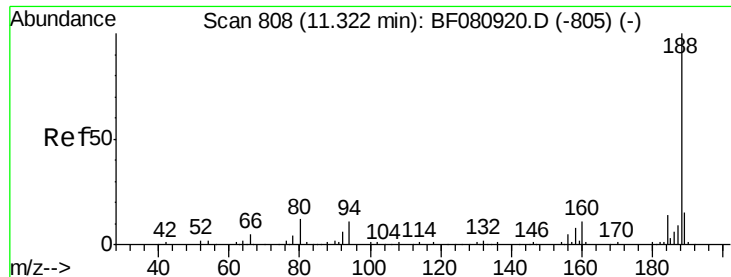
#44
 2-Fluorobiphenyl
 Concen: 61.05 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF080958.D
 Acq: 10 Aug 2015 18:38

Tgt Ion:172 Resp: 812650
 Ion Ratio Lower Upper
 172 100
 171 36.5 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

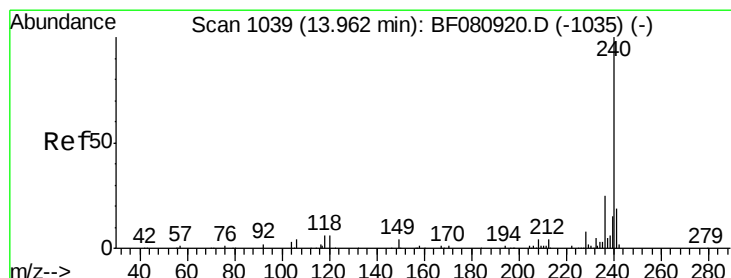
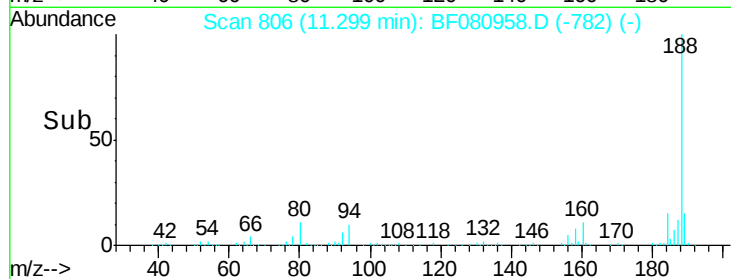
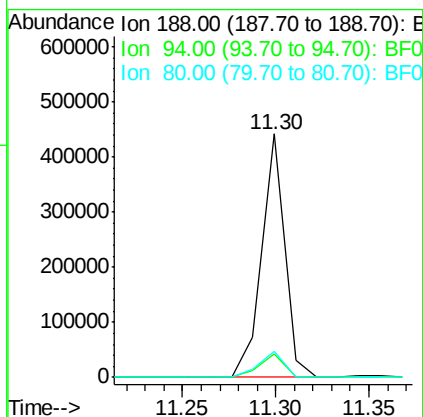
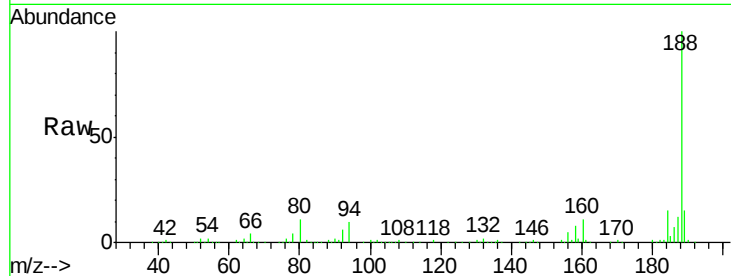




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.02 min
Lab File: BF080958.D
Acq: 10 Aug 2015 18:38

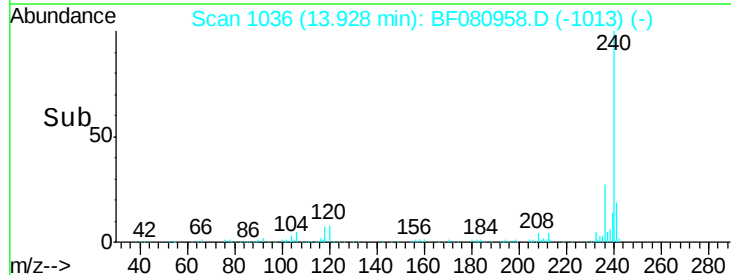
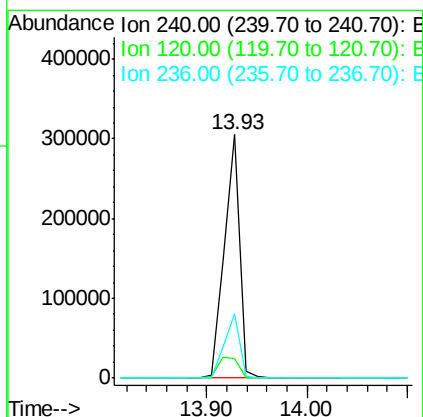
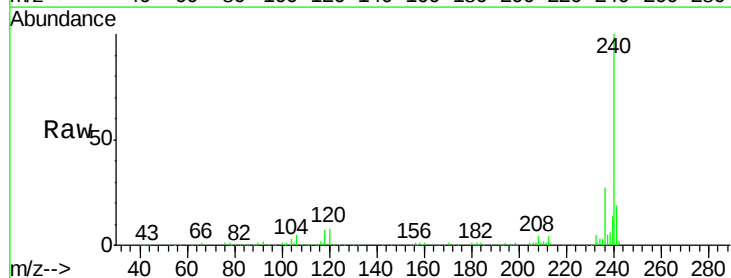
Instrument :
BNA_F
ClientSampleId :
SOIL-2

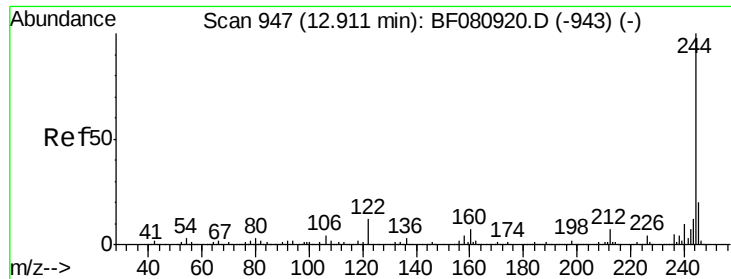
Tgt Ion:188 Resp: 375983
Ion Ratio Lower Upper
188 100
94 9.8 8.8 13.2
80 10.9 9.5 14.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1036
Delta R.T. -0.03 min
Lab File: BF080958.D
Acq: 10 Aug 2015 18:38

Tgt Ion:240 Resp: 321880
Ion Ratio Lower Upper
240 100
120 7.9 5.2 7.8#
236 26.6 20.2 30.4

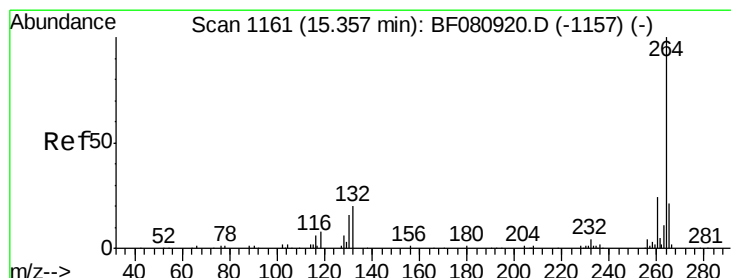
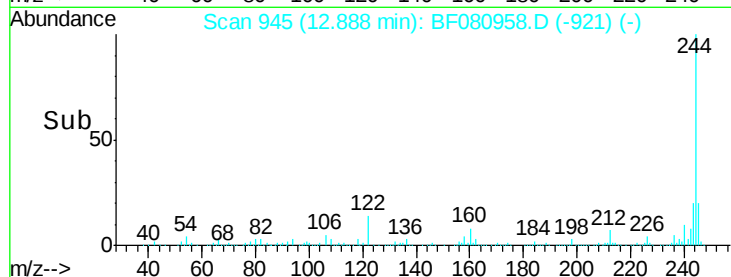
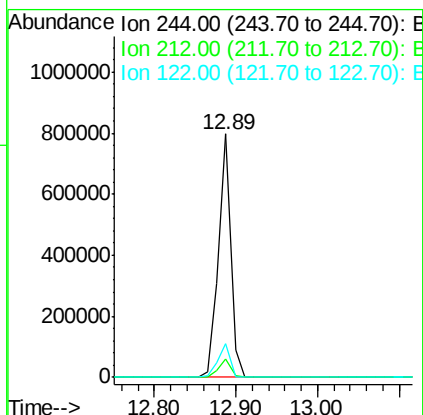
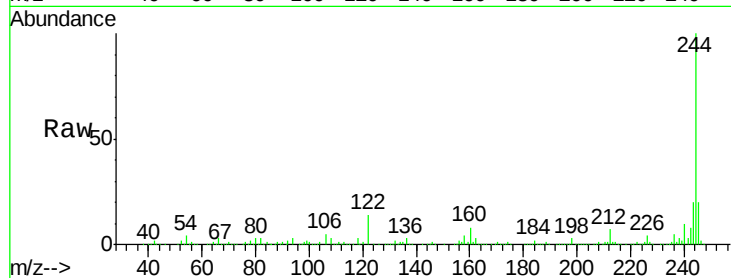




#78
 Terphenyl-d14
 Concen: 53.81 ng
 RT: 12.89 min Scan# 945
 Delta R.T. -0.02 min
 Lab File: BF080958.D
 Acq: 10 Aug 2015 18:38

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-2

Tgt Ion:244 Resp: 838484
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.8
 122 13.6 9.4 14.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 1158
 Delta R.T. -0.03 min
 Lab File: BF080958.D
 Acq: 10 Aug 2015 18:38

Tgt Ion:264 Resp: 264008
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.4 29.0
 265 21.5 17.0 25.4

