

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071715\
 Data File : BF080551.D
 Acq On : 18 Jul 2015 00:05
 Operator : TP/UM
 Sample : G3008-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOILCUTTINGS

Quant Time: Jul 18 07:06:47 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 18 00:40:00 2015
 Response via : Initial Calibration

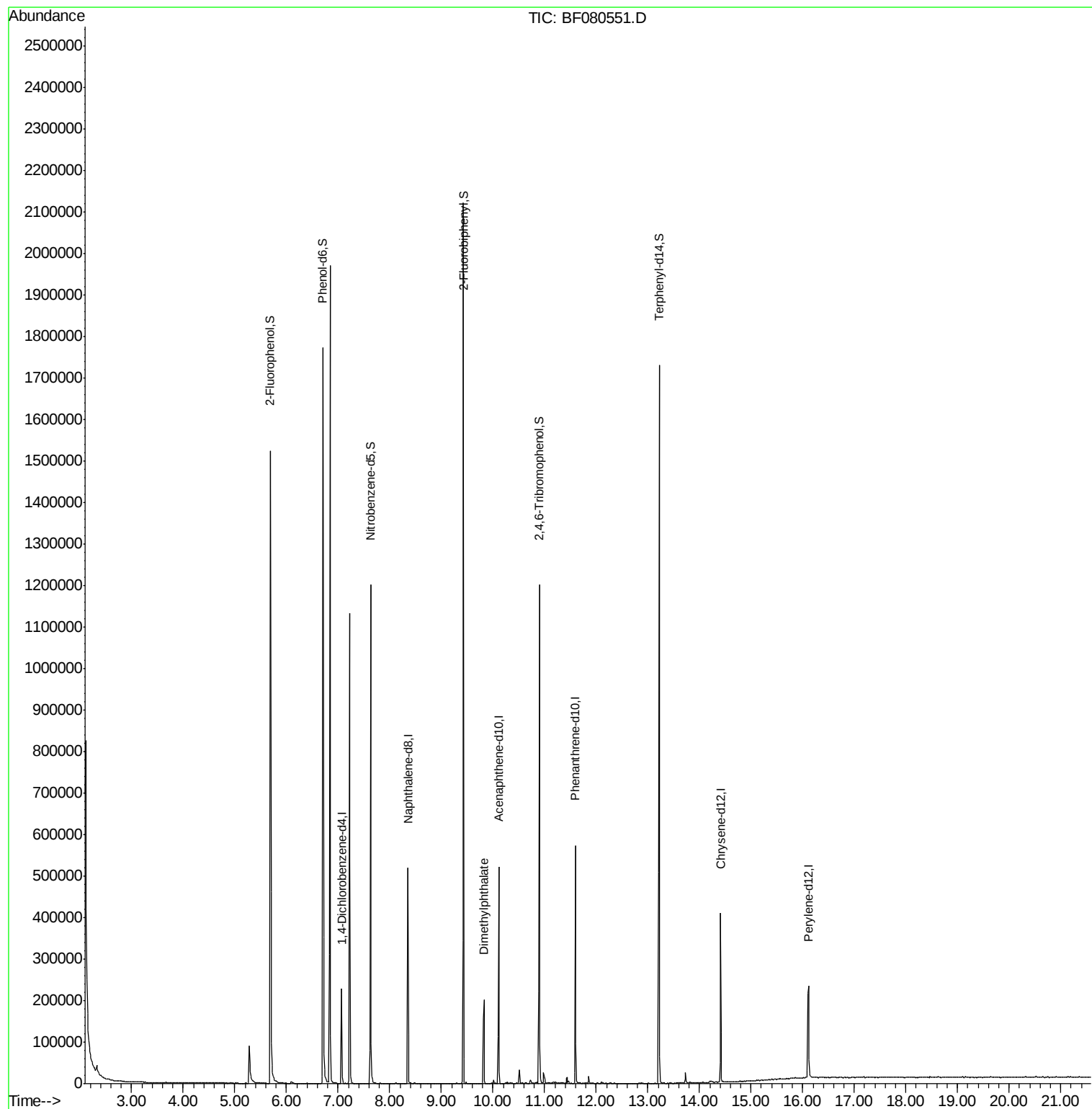
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	51595	20.00	ng	0.00
21) Naphthalene-d8	8.35	136	220018	20.00	ng	0.00
38) Acenaphthene-d10	10.11	164	95936	20.00	ng	0.00
63) Phenanthrene-d10	11.60	188	194104	20.00	ng	0.00
75) Chrysene-d12	14.41	240	155256	20.00	ng	0.06
86) Perylene-d12	16.11	264	133465	20.00	ng	0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	425191	128.48	ng	0.00
7) Phenol-d6	6.70	99	521441	138.46	ng	0.00
23) Nitrobenzene-d5	7.63	82	313893	90.96	ng	0.00
41) 2,4,6-Tribromophenol	10.90	330	126708	147.60	ng	0.00
44) 2-Fluorobiphenyl	9.42	172	591742	86.63	ng	0.00
78) Terphenyl-d14	13.22	244	542673	78.05	ng	0.02
Target Compounds						
49) Dimethylphthalate	9.82	163	114368	17.92	ng	Qvalue 99

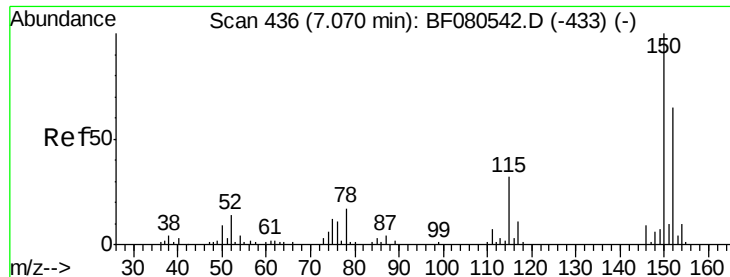
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.07 min Scan# 436

Delta R.T. -0.00 min

Lab File: BF080551.D

Acq: 18 Jul 2015 00:05

Instrument :

BNA_F

ClientSampleId :

SOILCUTTINGS

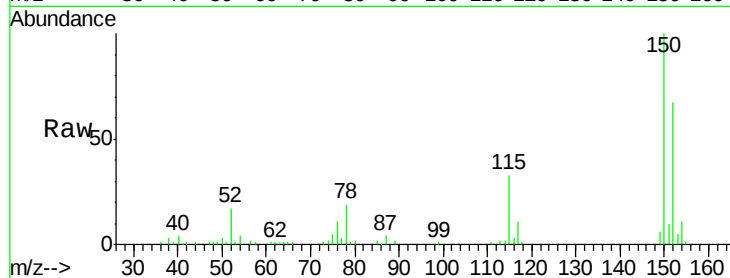
Tgt Ion:152 Resp: 51595

Ion Ratio Lower Upper

152 100

150 149.4 123.0 184.4

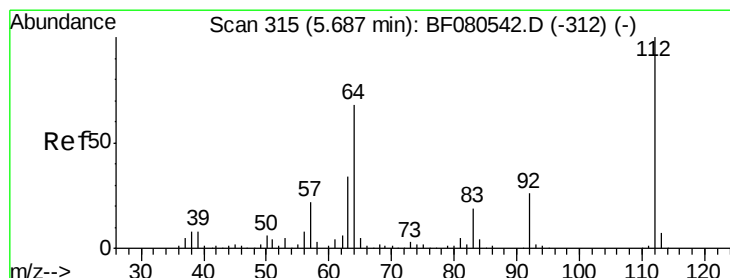
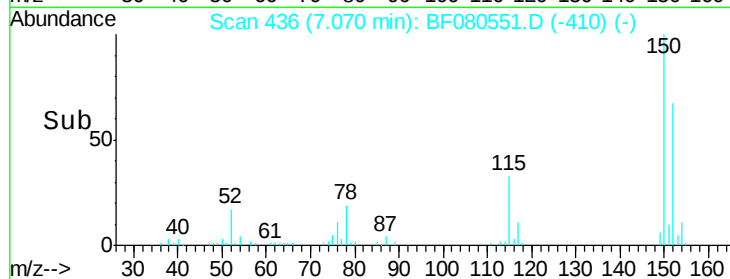
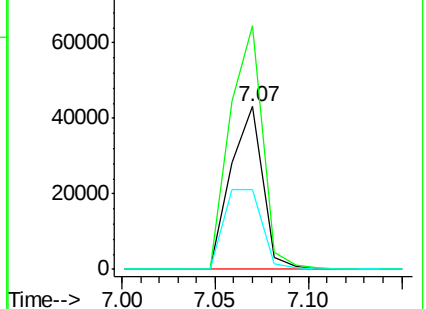
115 49.0 39.9 59.9



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: 128.48 ng

RT: 5.69 min Scan# 315

Delta R.T. 0.00 min

Lab File: BF080551.D

Acq: 18 Jul 2015 00:05

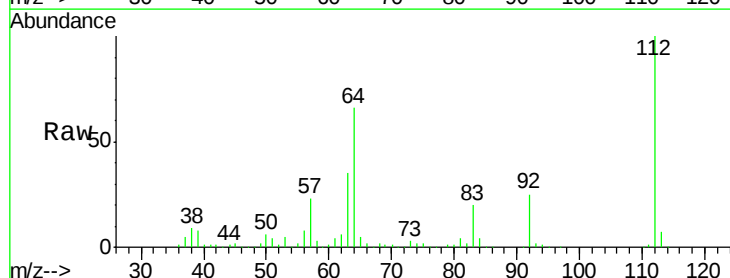
Tgt Ion:112 Resp: 425191

Ion Ratio Lower Upper

112 100

64 66.3 54.1 81.1

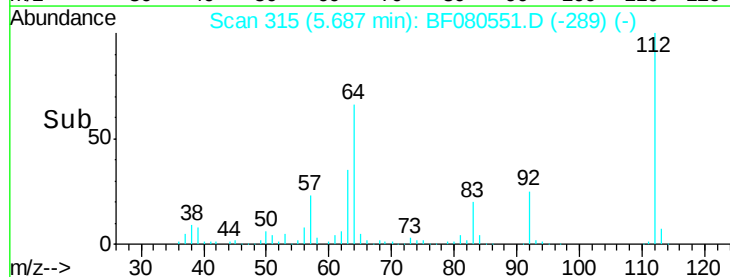
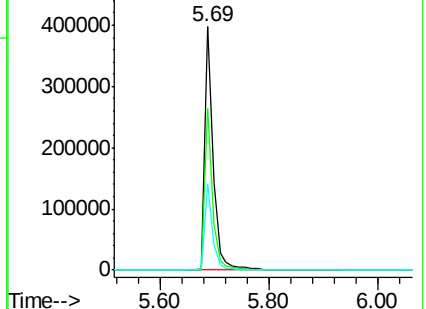
63 35.5 27.6 41.4

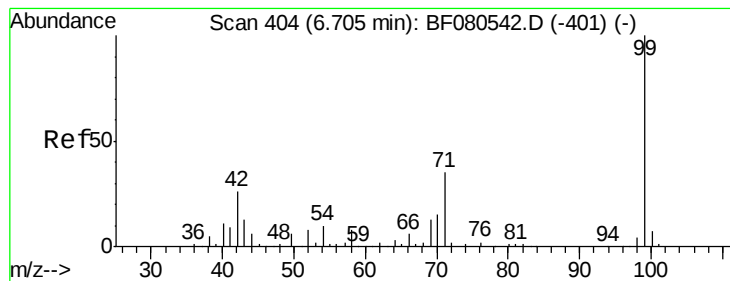


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 138.46 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF080551.D

Acq: 18 Jul 2015 00:05

Instrument :

BNA_F

ClientSampleId :

SOILCUTTINGS

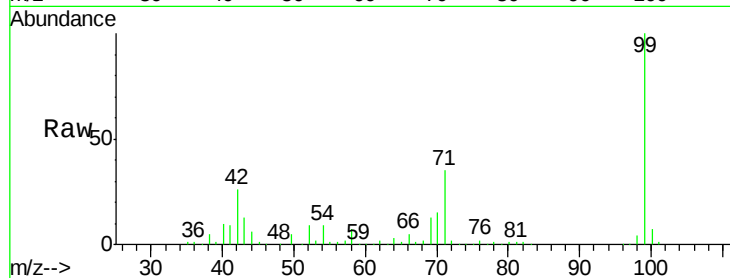
Tgt Ion: 99 Resp: 521441

Ion Ratio Lower Upper

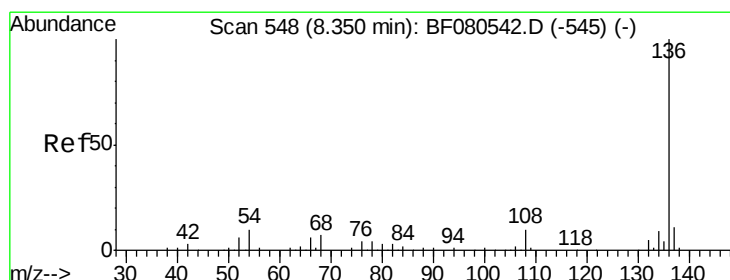
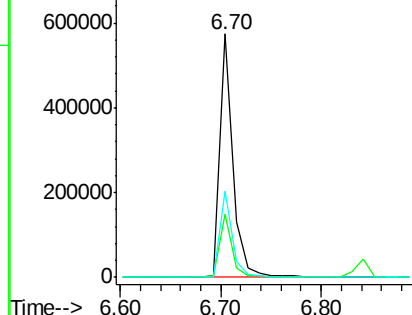
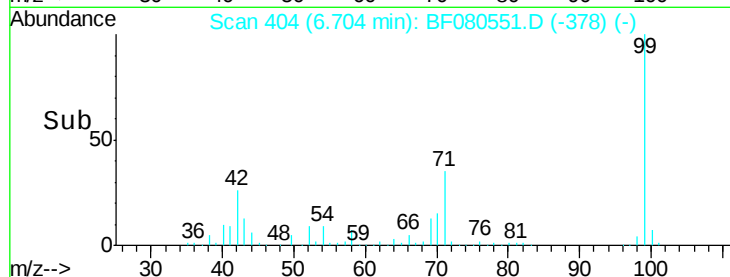
99 100

42 26.0 21.0 31.4

71 35.3 28.4 42.6



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: 8.35 min Scan# 548

Delta R.T. -0.00 min

Lab File: BF080551.D

Acq: 18 Jul 2015 00:05

Tgt Ion: 136 Resp: 220018

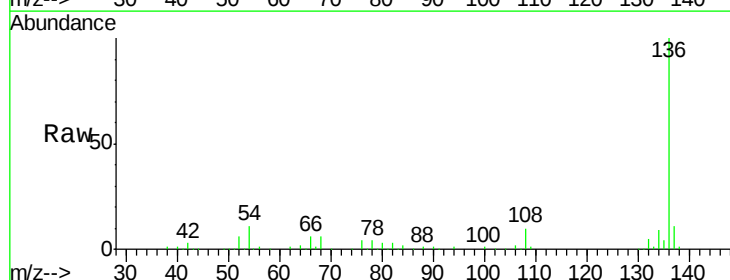
Ion Ratio Lower Upper

136 100

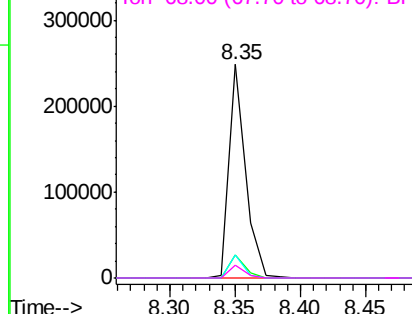
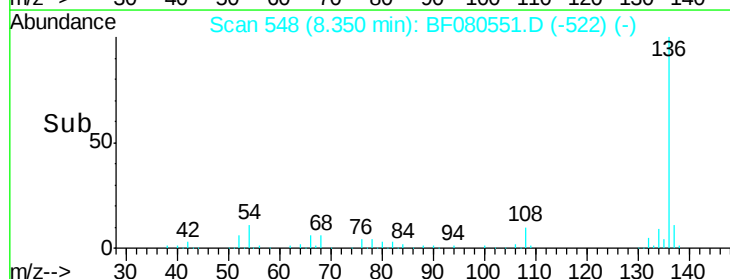
137 10.8 8.7 13.1

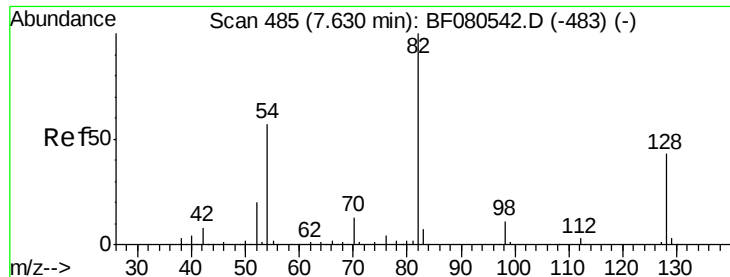
54 10.6 8.3 12.5

68 6.2 5.4 8.2



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

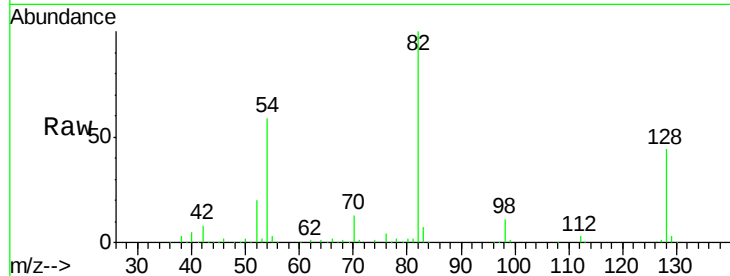




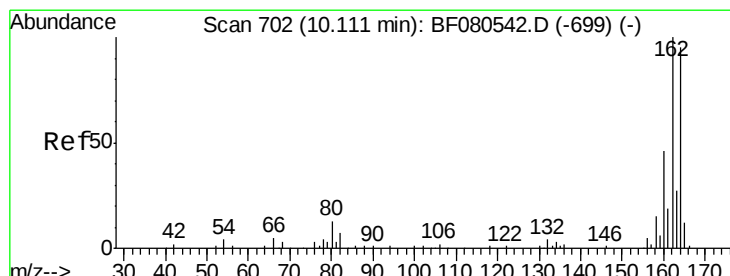
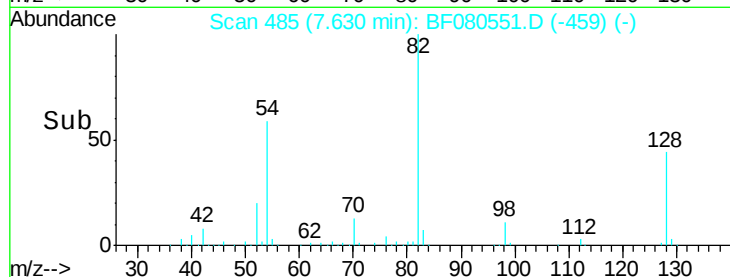
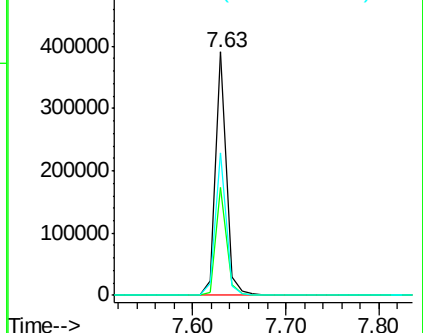
#23
Nitrobenzene-d5
Concen: 90.96 ng
RT: 7.63 min Scan# 485
Delta R.T. -0.00 min
Lab File: BF080551.D
Acq: 18 Jul 2015 00:05

Instrument :
BNA_F
ClientSampleId :
SOILCUTTINGS

Tgt Ion: 82 Resp: 313893
Ion Ratio Lower Upper
82 100
128 44.2 34.6 51.8
54 58.7 45.8 68.6

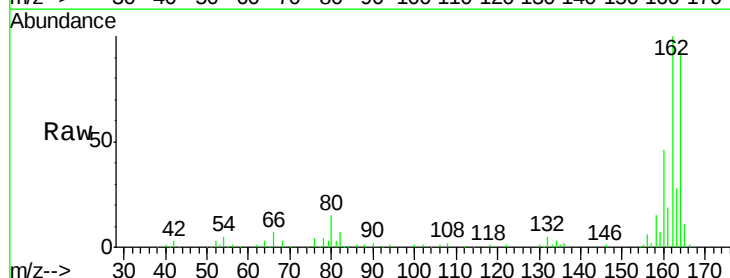


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

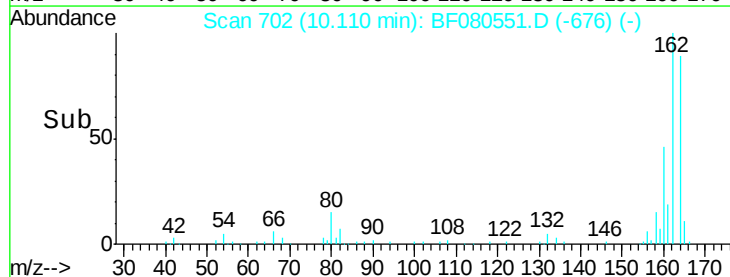
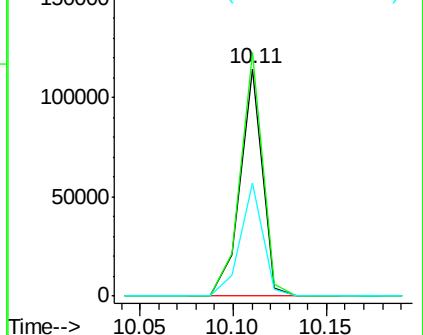


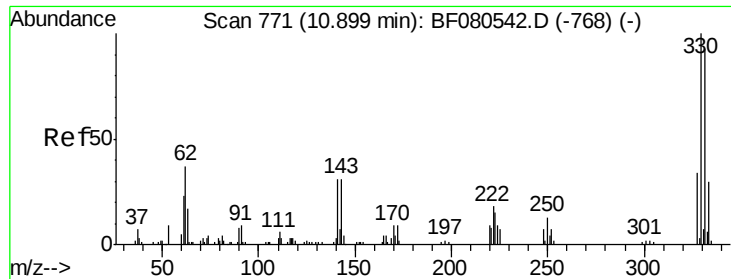
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.11 min Scan# 702
Delta R.T. -0.00 min
Lab File: BF080551.D
Acq: 18 Jul 2015 00:05

Tgt Ion: 164 Resp: 95936
Ion Ratio Lower Upper
164 100
162 107.2 84.1 126.1
160 49.7 38.8 58.2



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

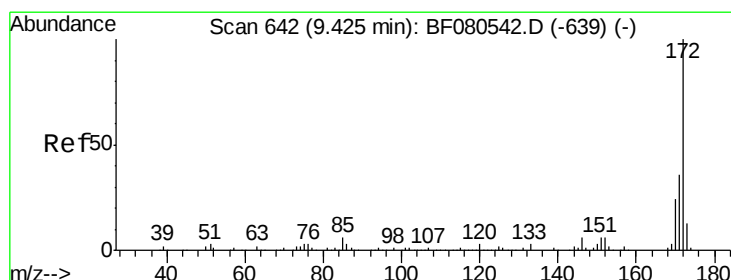
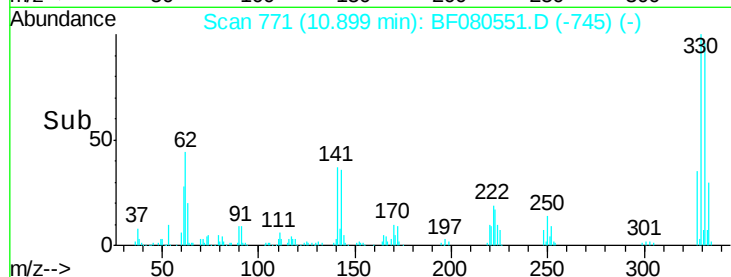
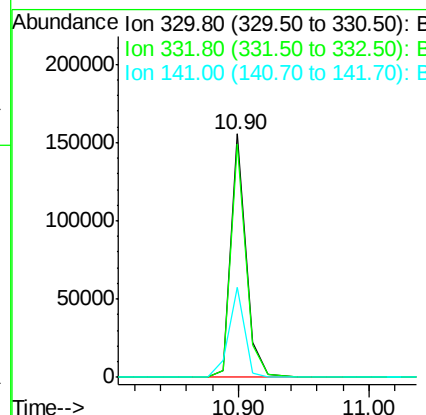
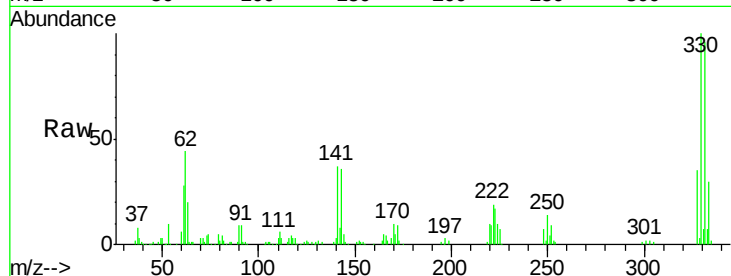




#41
 2,4,6-Tribromophenol
 Concen: 147.60 ng
 RT: 10.90 min Scan# 771
 Delta R.T. -0.00 min
 Lab File: BF080551.D
 Acq: 18 Jul 2015 00:05

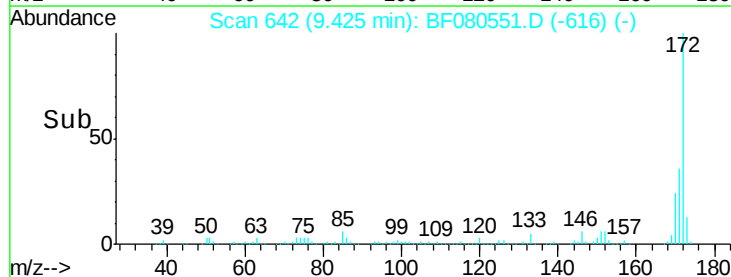
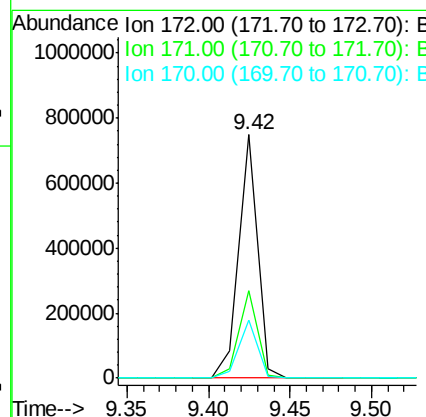
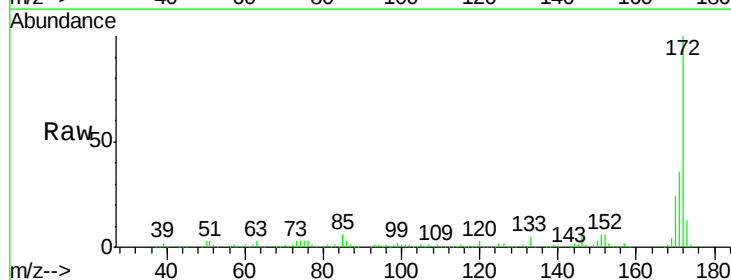
Instrument :
 BNA_F
 ClientSampleId :
 SOILCUTTINGS

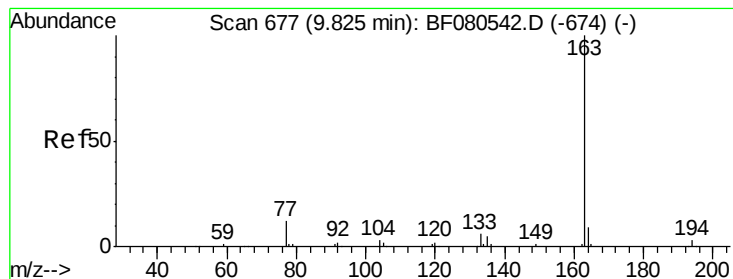
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	74.3	111.5
141	39.0	29.0	43.4



#44
 2-Fluorobiphenyl
 Concen: 86.63 ng
 RT: 9.42 min Scan# 642
 Delta R.T. -0.00 min
 Lab File: BF080551.D
 Acq: 18 Jul 2015 00:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.8	43.2
170	23.7	19.0	28.4





#49

Dimethylphthalate

Concen: 17.92 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF080551.D

Acq: 18 Jul 2015 00:05

Instrument :

BNA_F

ClientSampleId :

SOILCUTTINGS

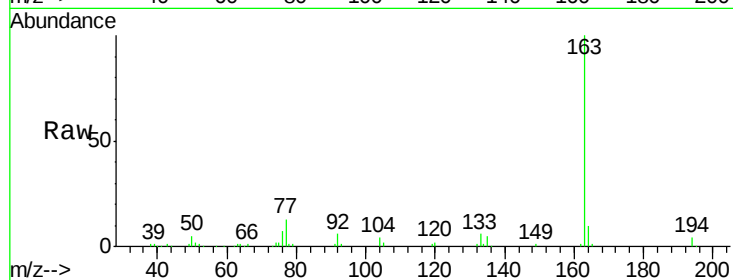
Tgt Ion:163 Resp: 114368

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

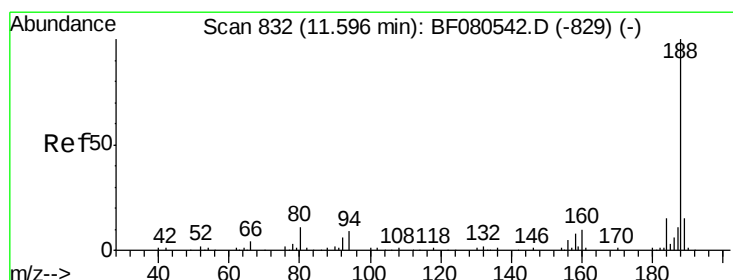
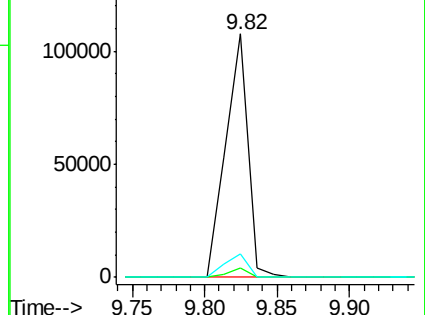
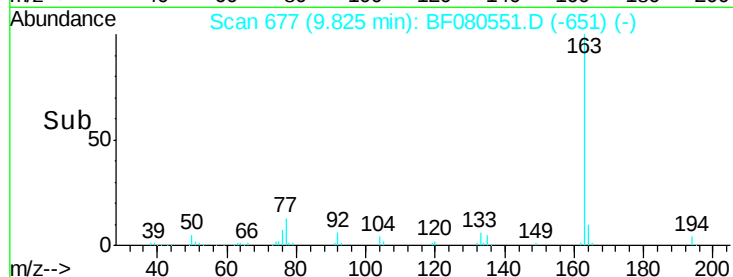
164 9.5 7.4 11.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.60 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF080551.D

Acq: 18 Jul 2015 00:05

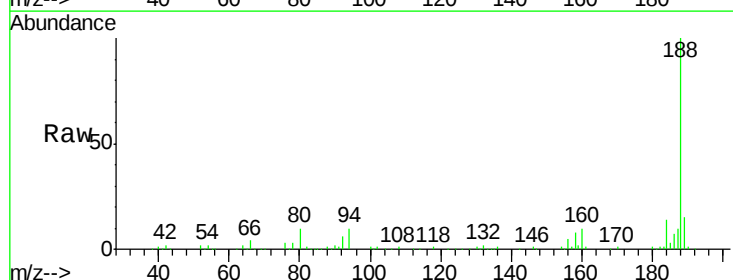
Tgt Ion:188 Resp: 194104

Ion Ratio Lower Upper

188 100

94 10.0 7.6 11.4

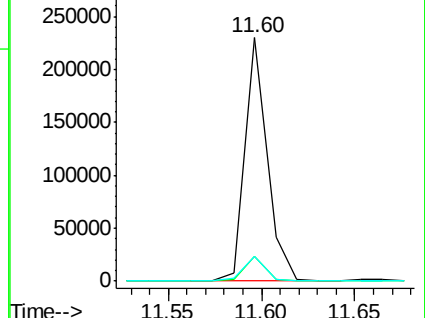
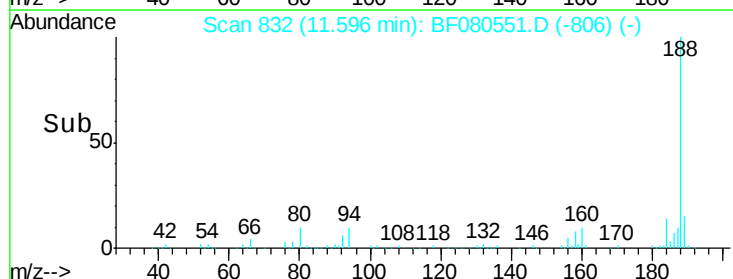
80 10.3 8.6 12.8

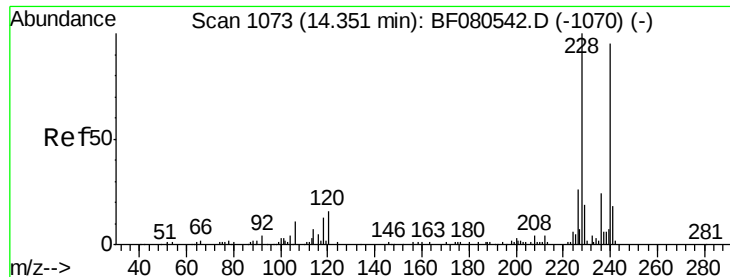


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.41 min Scan# 1078

Delta R.T. 0.06 min

Lab File: BF080551.D

Acq: 18 Jul 2015 00:05

Instrument :

BNA_F

ClientSampleId :

SOILCUTTINGS

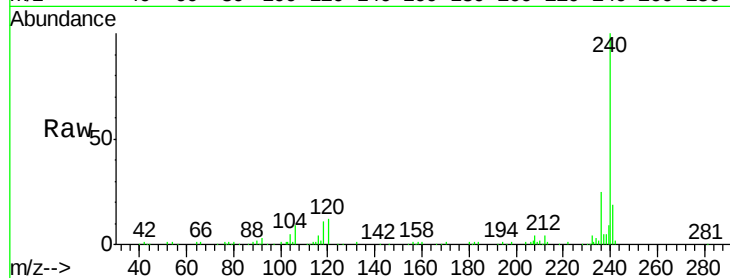
Tgt Ion:240 Resp: 155256

Ion Ratio Lower Upper

240 100

120 12.2 13.6 20.4#

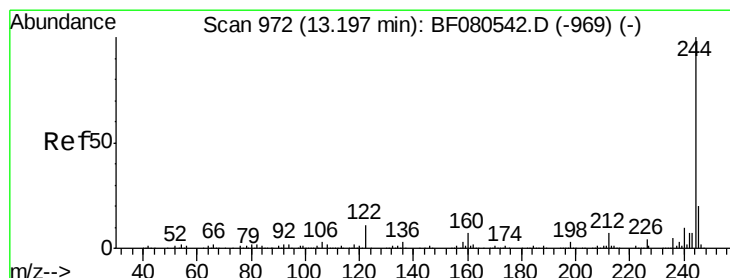
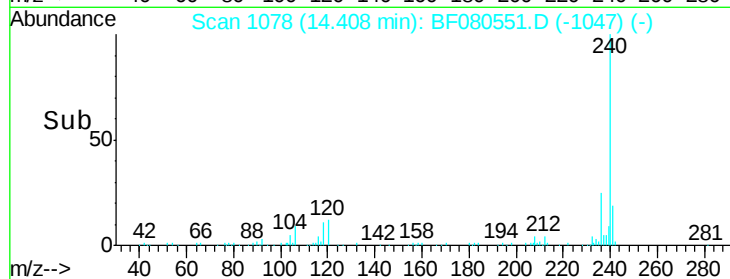
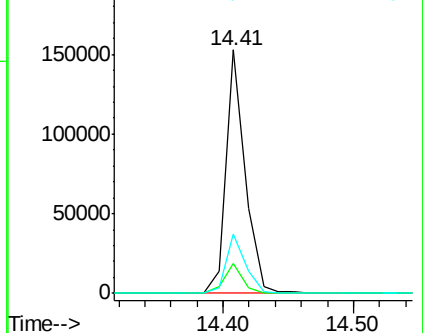
236 24.6 20.2 30.4



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: 78.05 ng

RT: 13.22 min Scan# 974

Delta R.T. 0.02 min

Lab File: BF080551.D

Acq: 18 Jul 2015 00:05

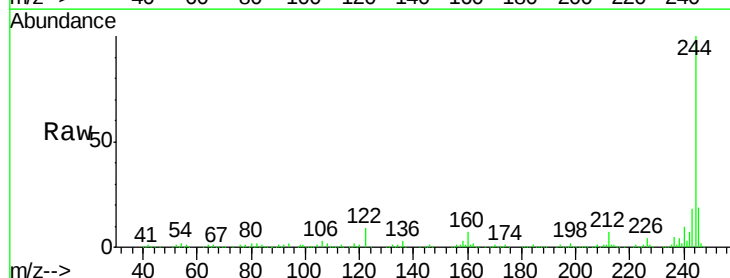
Tgt Ion:244 Resp: 542673

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

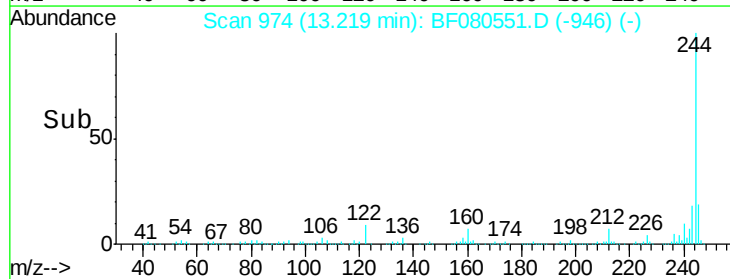
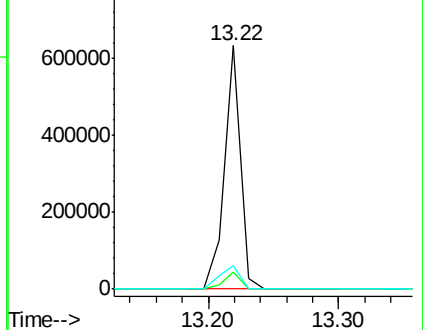
122 9.4 9.0 13.4

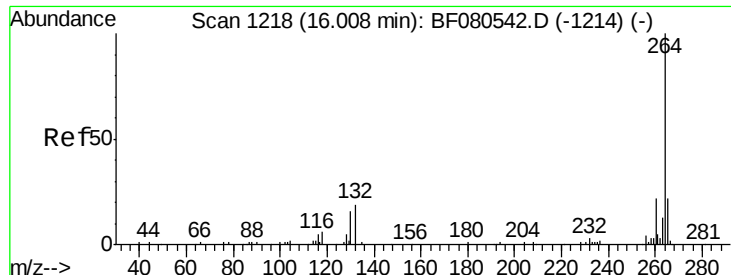


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 16.11 min Scan# 1227
Delta R.T. 0.10 min
Lab File: BF080551.D
Acq: 18 Jul 2015 00:05

Instrument :
BNA_F
ClientSampleId :
SOILCUTTINGS

Tgt Ion: 264 Resp: 133465
Ion Ratio Lower Upper
264 100
260 23.7 17.8 26.8
265 21.2 17.2 25.8

