

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091815\
 Data File : BG018752.D
 Acq On : 18 Sep 2015 00:15
 Operator : TP
 Sample : G3670-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-9-14-15-SOIL

Quant Time: Sep 18 02:51:39 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 11 10:44:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	42312	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	171766	20.00	ng	0.00
38) Acenaphthene-d10	14.62	164	121706	20.00	ng	0.00
63) Phenanthrene-d10	17.37	188	347175	20.00	ng	0.00
75) Chrysene-d12	21.63	240	373222	20.00	ng	0.00
86) Perylene-d12	24.82	264	364137	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	335262	136.88	ng	0.00
7) Phenol-d6	7.17	99	412619	117.49	ng	0.00
23) Nitrobenzene-d5	9.16	82	290494	94.64	ng	0.00
41) 2,4,6-Tribromophenol	16.12	330	233756	142.64	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	796716	90.87	ng	0.00
78) Terphenyl-d14	19.98	244	1347965	94.84	ng	0.00

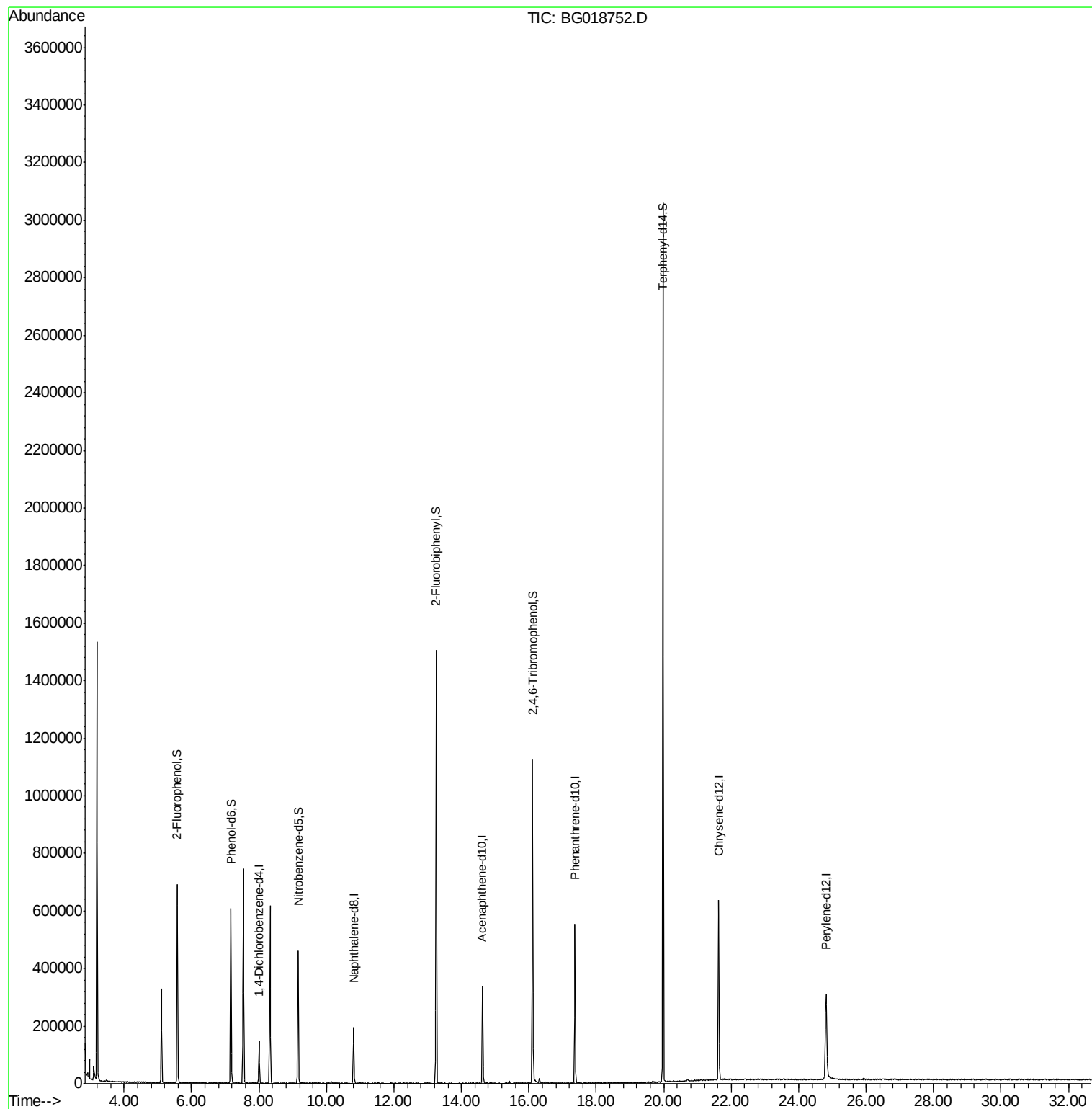
Target Compounds Qvalue

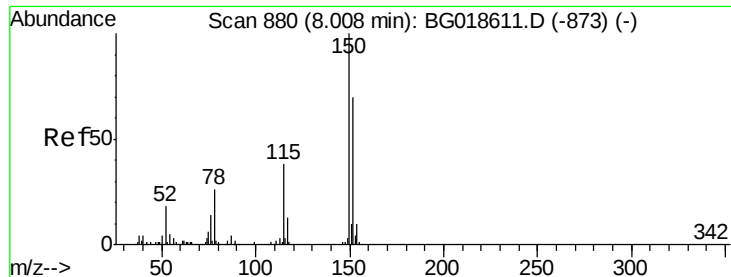
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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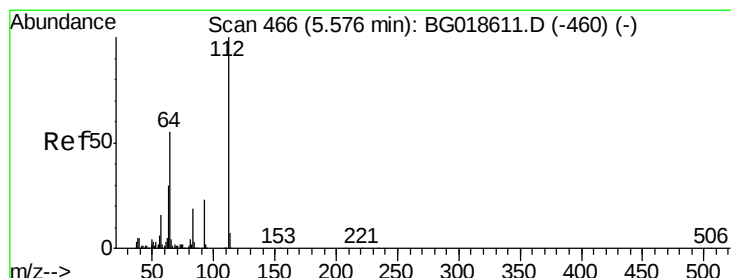
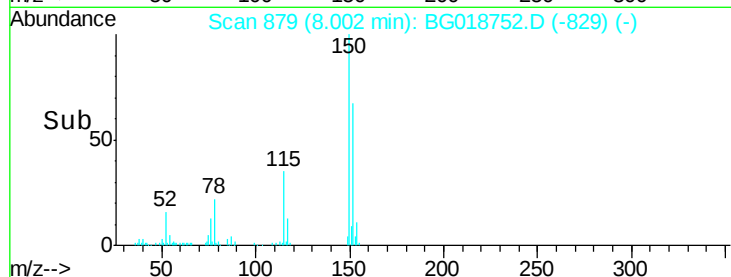
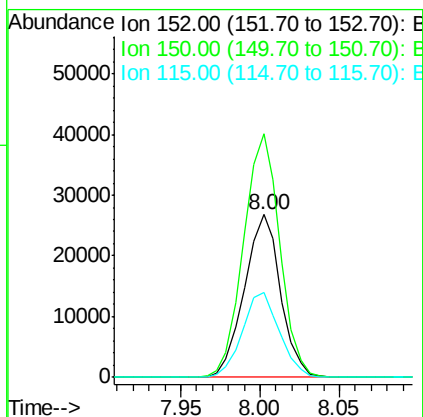
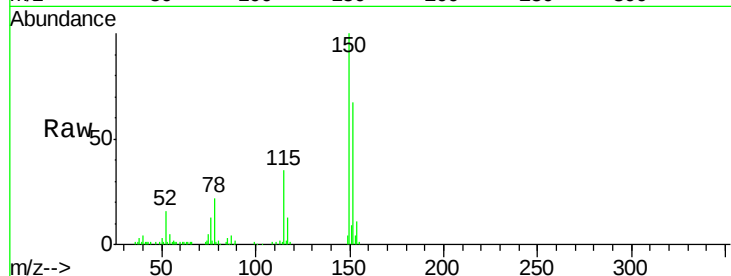


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.00 min Scan# 879
Delta R.T. -0.01 min
Lab File: BG018752.D
Acq: 18 Sep 2015 00:15

Instrument :
BNA_G
ClientSampleId :
WC-9-14-15-SOIL

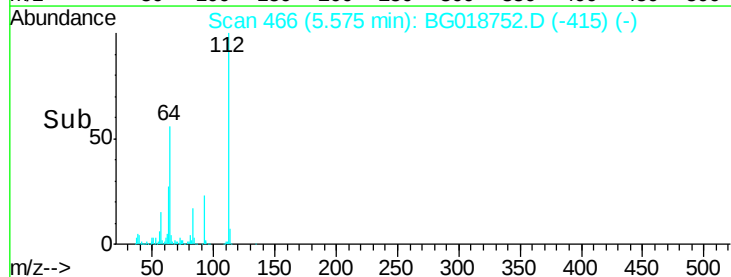
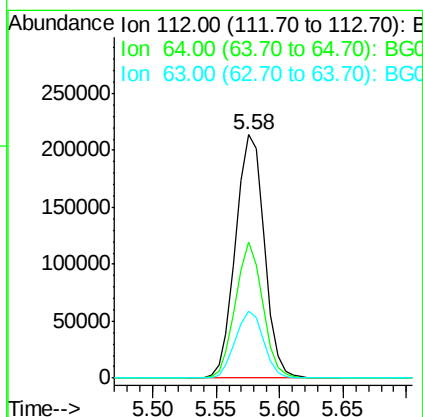
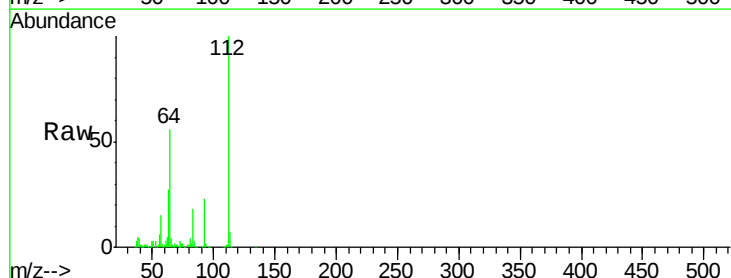
Tot Ion:152 Resp: 42312
Ion Ratio Lower Upper
152 100
150 149.9 115.0 172.4
115 52.6 43.9 65.9

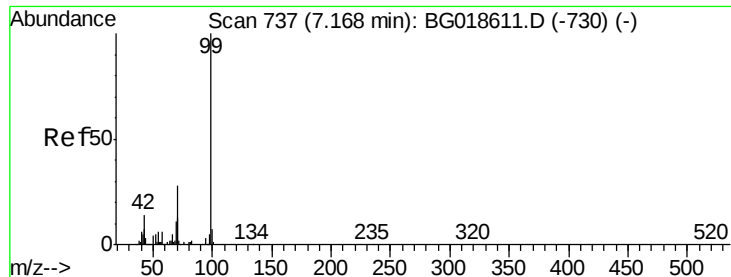


#5

2-Fluorophenol
Concen: 136.88 ng
RT: 5.58 min Scan# 466
Delta R.T. -0.00 min
Lab File: BG018752.D
Acq: 18 Sep 2015 00:15

Tgt Ion:112 Resp: 335262
Ion Ratio Lower Upper
112 100
64 55.7 43.7 65.5
63 27.4 24.0 36.0





#7

Phenol-d6

Concen: 117.49 ng

RT: 7.17 min Scan# 737

Delta R.T. 0.01 min

Lab File: BG018752.D

Acq: 18 Sep 2015 00:15

Instrument :

BNA_G

ClientSampleId :

WC-9-14-15-SOIL

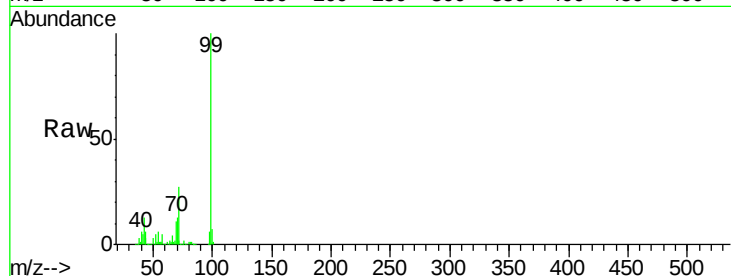
Tot Ion: 99 Resp: 412619

Ion Ratio Lower Upper

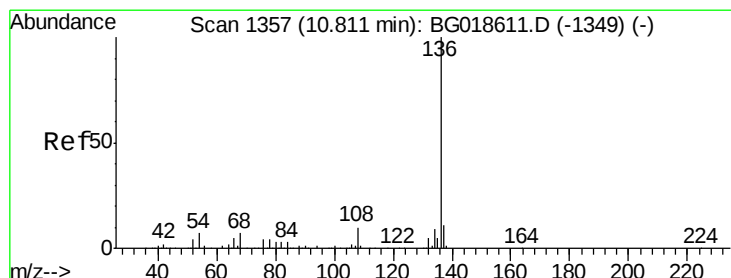
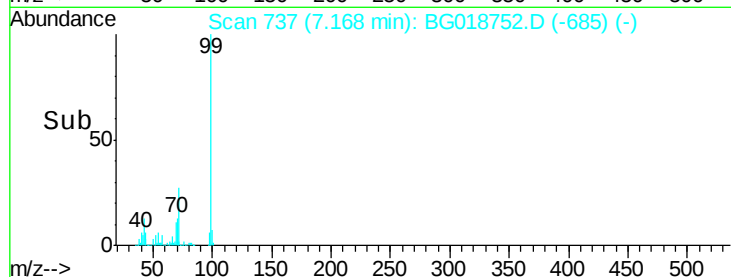
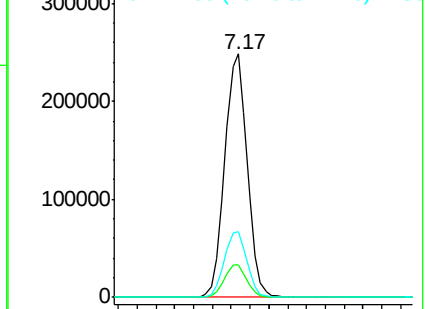
99 100

42 13.3 11.5 17.3

71 27.1 22.6 34.0



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.80 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BG018752.D

Acq: 18 Sep 2015 00:15

Tgt Ion: 136 Resp: 171766

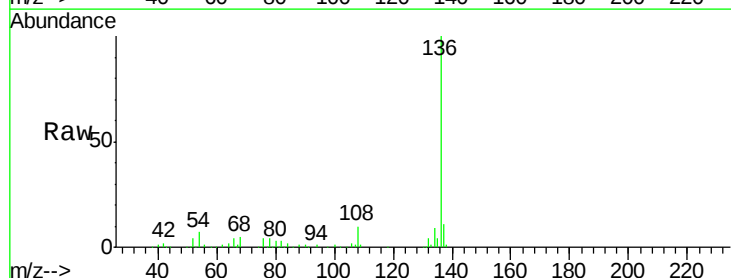
Ion Ratio Lower Upper

136 100

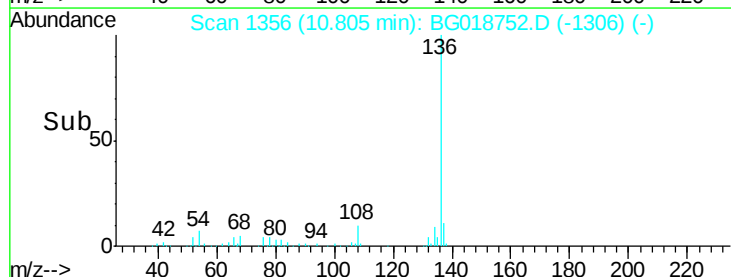
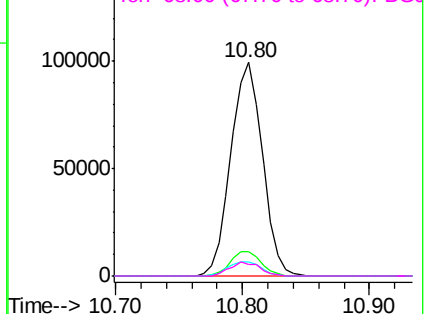
137 11.3 8.6 12.8

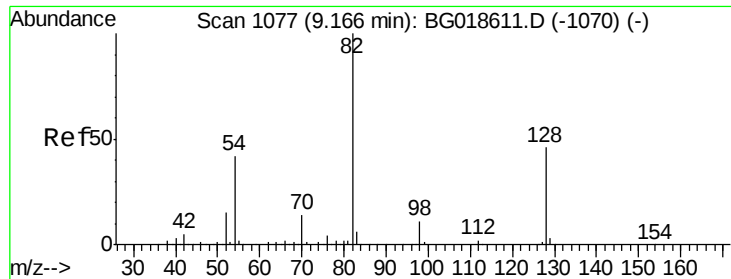
54 6.9 5.4 8.2

68 5.1 5.3 7.9#



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

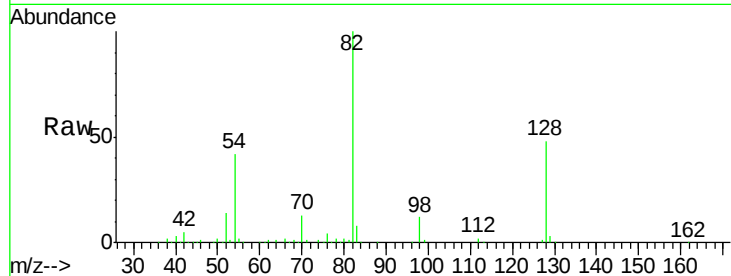




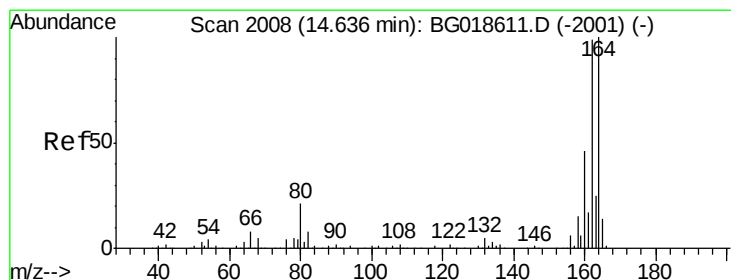
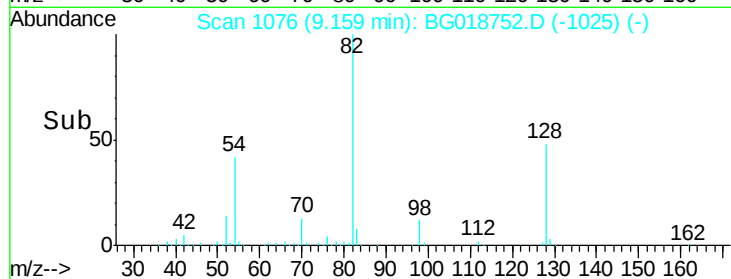
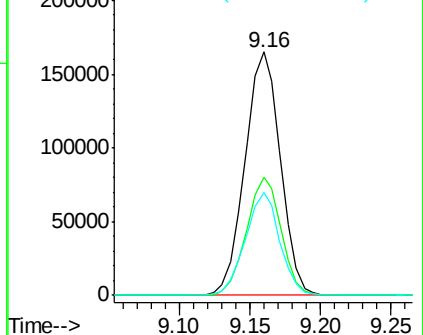
#23
 Nitrobenzene-d5
 Concen: 94.64 ng
 RT: 9.16 min Scan# 1076
 Delta R.T. -0.00 min
 Lab File: BG018752.D
 Acq: 18 Sep 2015 00:15

Instrument :
 BNA_G
 ClientSampleId :
 WC-9-14-15-SOIL

Tot Ion: 82 Resp: 290494
 Ion Ratio Lower Upper
 82 100
 128 48.3 36.7 55.1
 54 42.3 33.8 50.8

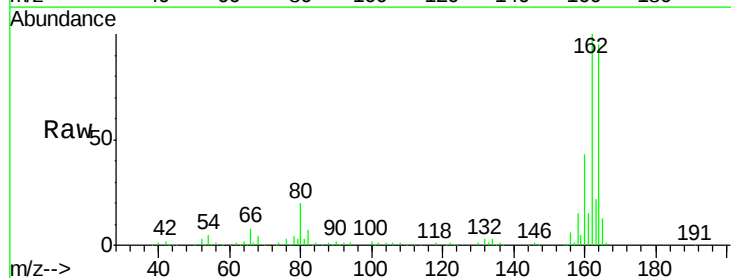


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

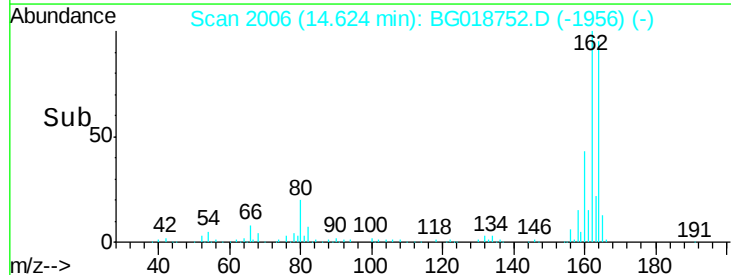
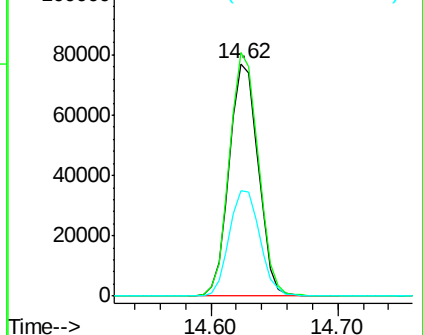


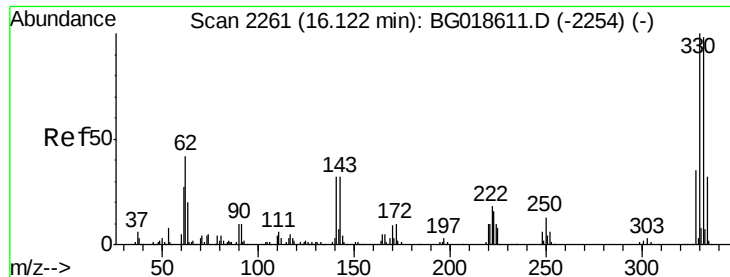
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.62 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BG018752.D
 Acq: 18 Sep 2015 00:15

Tgt Ion: 164 Resp: 121706
 Ion Ratio Lower Upper
 164 100
 162 104.8 78.8 118.2
 160 45.4 36.4 54.6



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

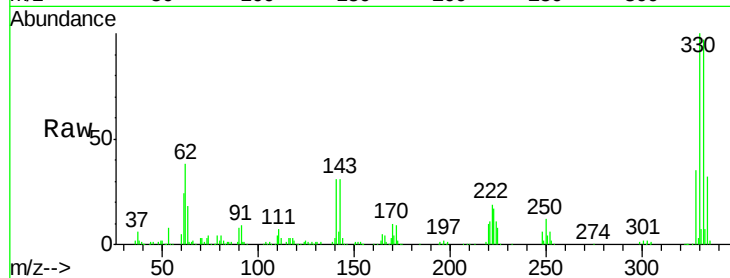




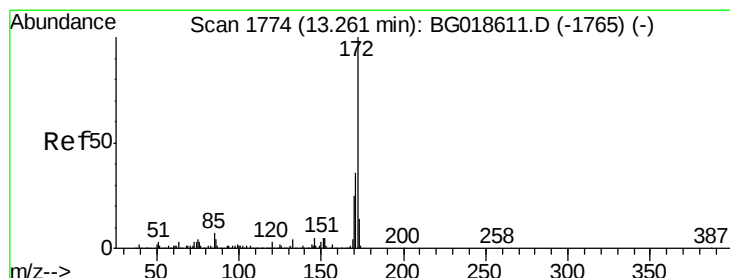
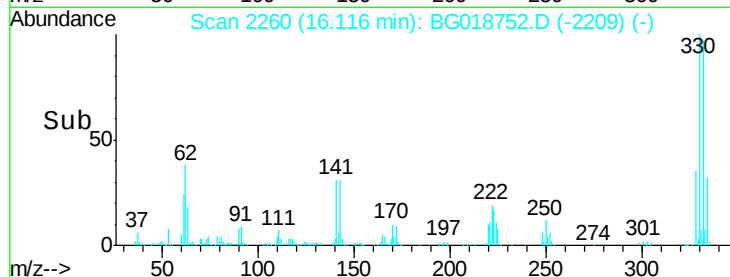
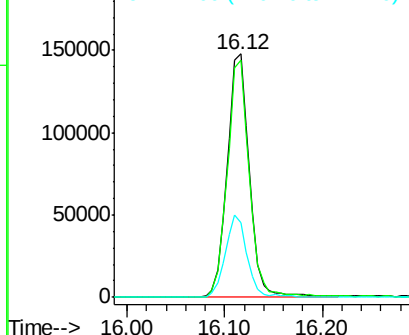
#41
 2,4,6-Tribromophenol
 Concen: 142.64 ng
 RT: 16.12 min Scan# 2260
 Delta R.T. -0.00 min
 Lab File: BG018752.D
 Acq: 18 Sep 2015 00:15

Instrument :
 BNA_G
 ClientSampleId :
 WC-9-14-15-SOIL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	78.1	117.1
141	33.2	28.2	42.2

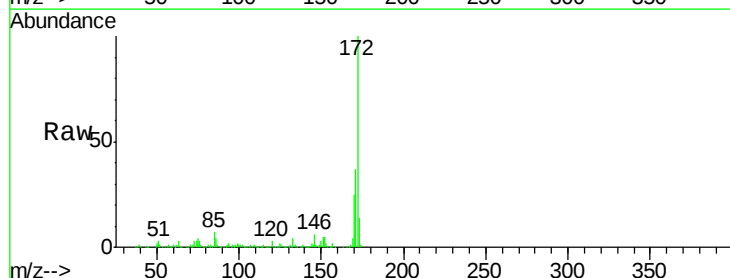


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

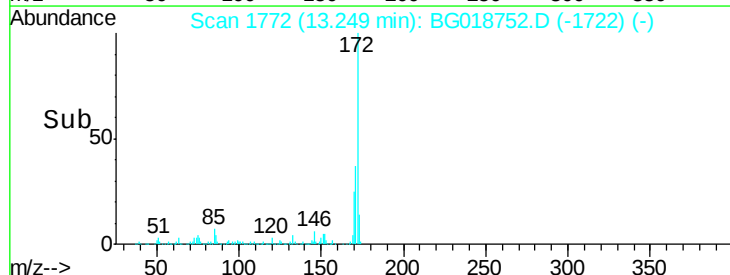
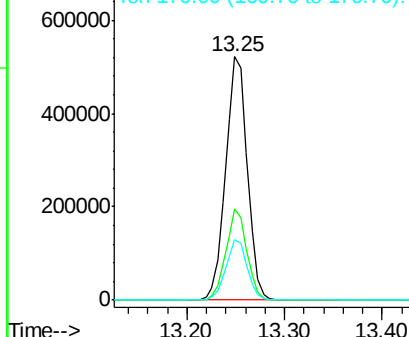


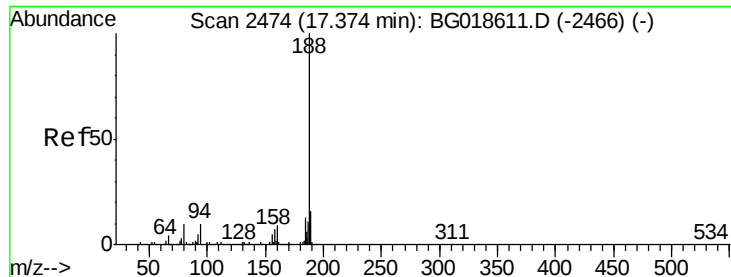
#44
 2-Fluorobiphenyl
 Concen: 90.87 ng
 RT: 13.25 min Scan# 1772
 Delta R.T. -0.01 min
 Lab File: BG018752.D
 Acq: 18 Sep 2015 00:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.0	43.6
170	24.9	19.9	29.9



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

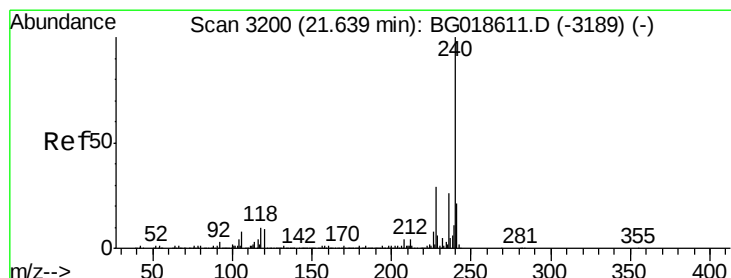
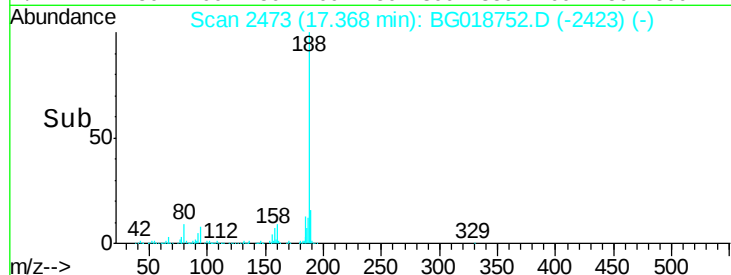
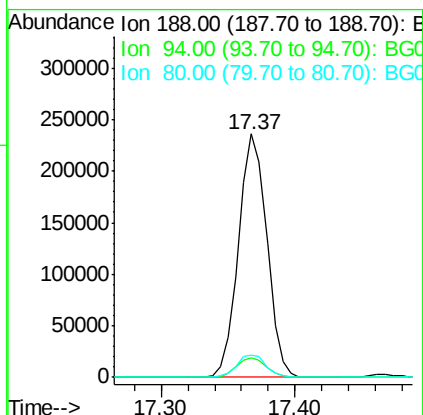
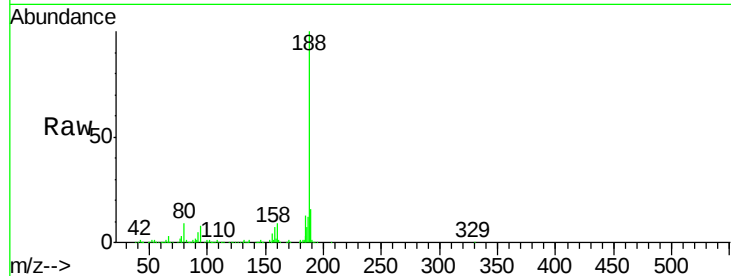




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.37 min Scan# 2473
Delta R.T. -0.01 min
Lab File: BG018752.D
Acq: 18 Sep 2015 00:15

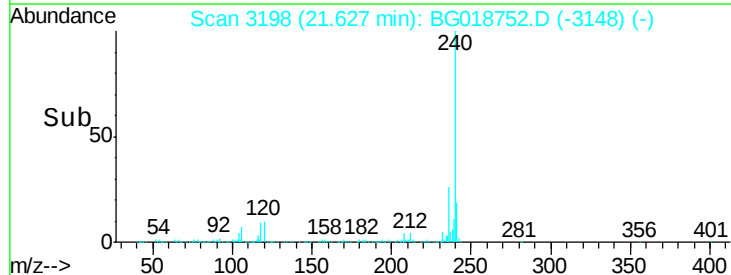
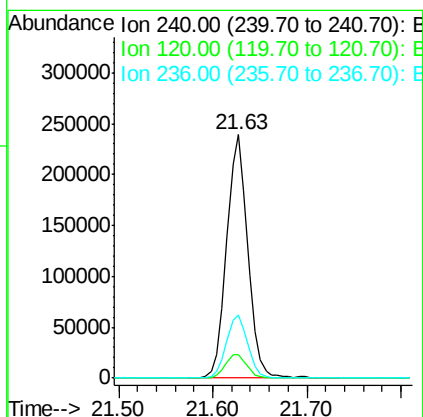
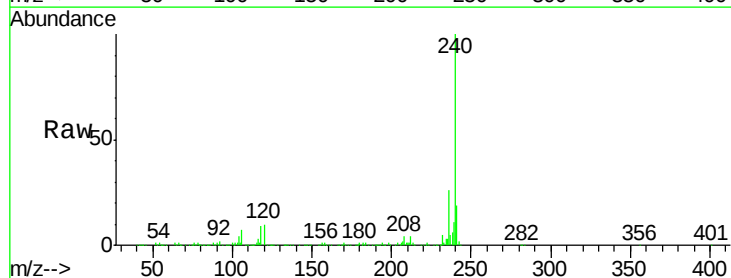
Instrument :
BNA_G
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WC-9-14-15-SOIL

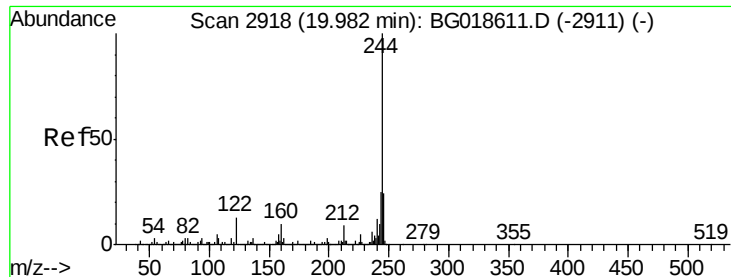
Tot Ion:188 Resp: 347175
Ion Ratio Lower Upper
188 100
94 8.3 7.7 11.5
80 9.0 7.8 11.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.63 min Scan# 3198
Delta R.T. -0.01 min
Lab File: BG018752.D
Acq: 18 Sep 2015 00:15

Tgt Ion:240 Resp: 373222
Ion Ratio Lower Upper
240 100
120 9.5 7.4 11.0
236 25.7 20.7 31.1





#78

Terphenyl-d14

Concen: 94.84 ng

RT: 19.98 min Scan# 2917

Delta R.T. -0.01 min

Lab File: BG018752.D

Acq: 18 Sep 2015 00:15

Instrument :

BNA_G

ClientSampleId :

WC-9-14-15-SOIL

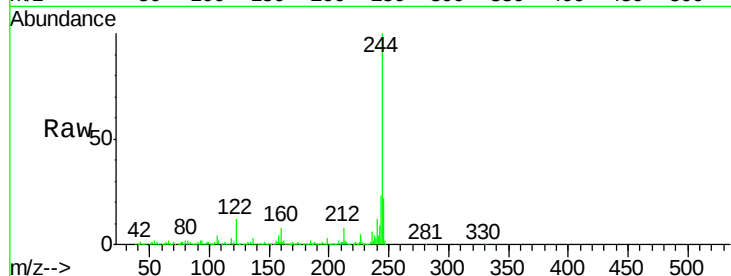
Tot Ion:244 Resp: 1347965

Ion Ratio Lower Upper

244 100

212 8.1 6.9 10.3

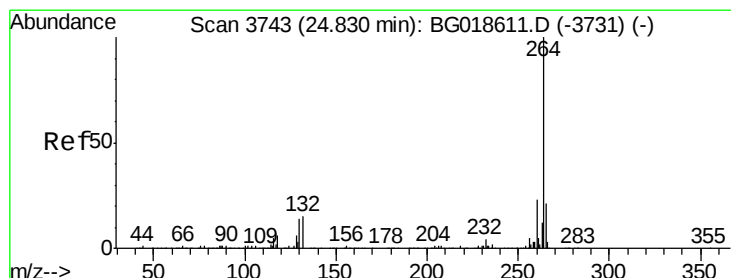
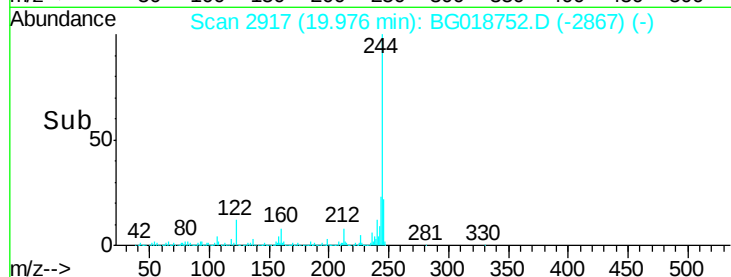
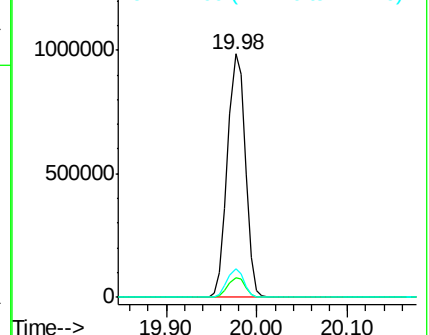
122 11.6 10.2 15.2



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: 24.82 min Scan# 3741

Delta R.T. -0.01 min

Lab File: BG018752.D

Acq: 18 Sep 2015 00:15

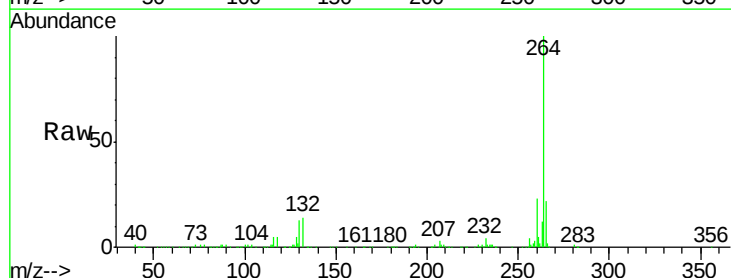
Tgt Ion:264 Resp: 364137

Ion Ratio Lower Upper

264 100

260 23.1 18.5 27.7

265 22.5 17.2 25.8



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

