

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

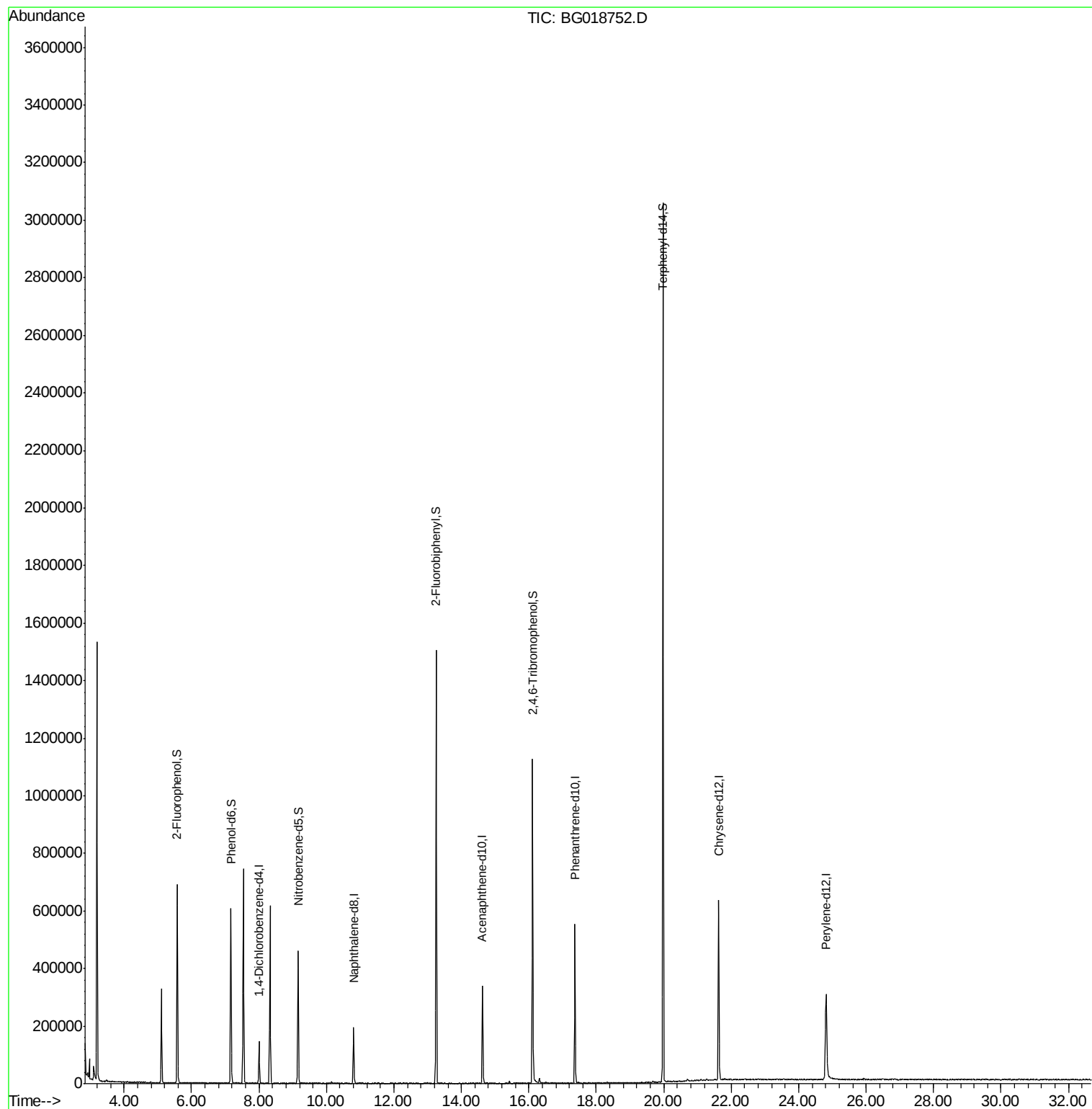
Target Compounds	Qvalue
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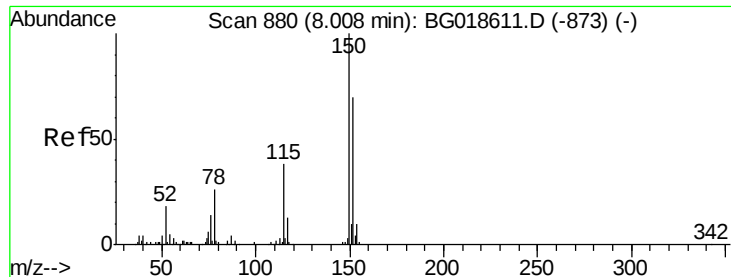
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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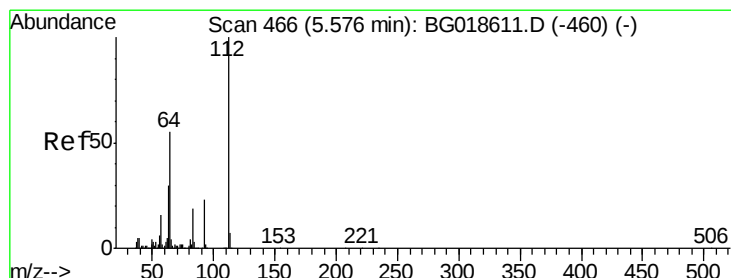
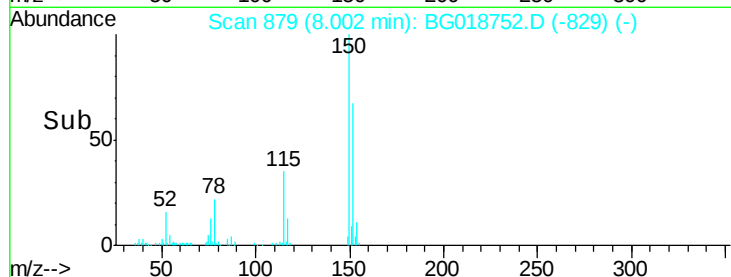
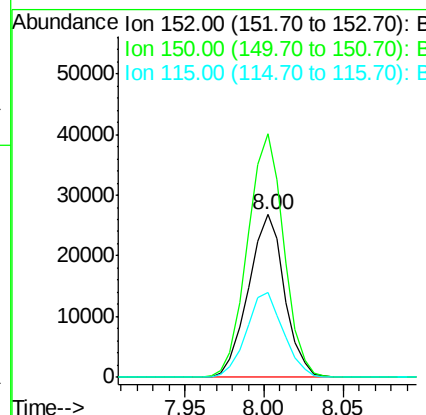
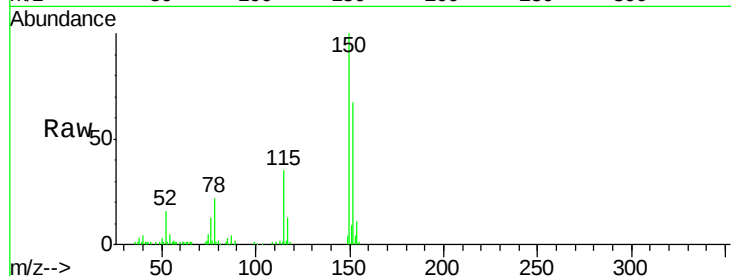


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 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

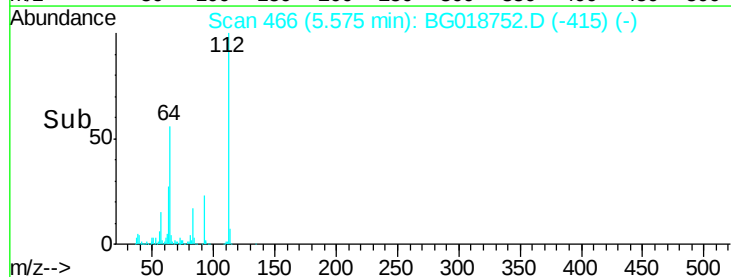
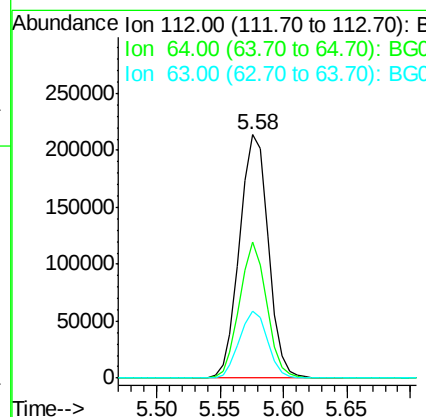
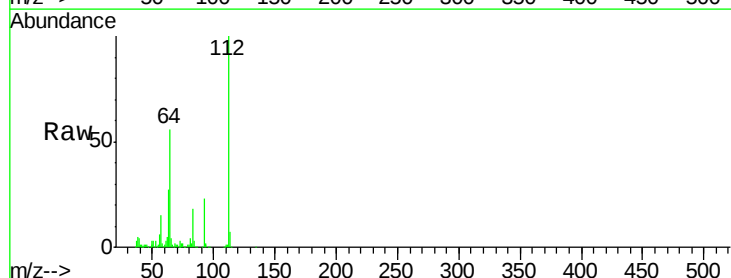
Tot Ion	Ratio	Lower	Upper
152	100		
150	149.9	115.0	172.4
115	52.6	43.9	65.9

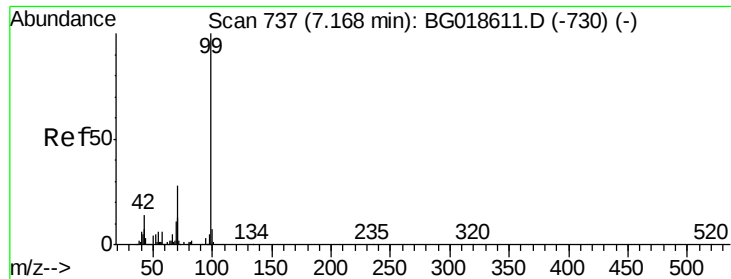


#5

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	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

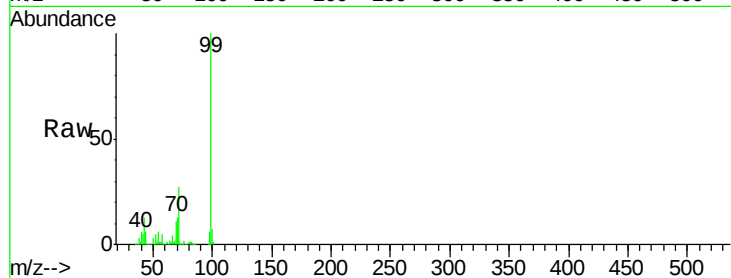
Tot Ion: 99 Resp: 412619

Ion	Ratio	Lower	Upper
99	100		
42	13.3	11.5	17.3
71	27.1	22.6	34.0

99 100

42 13.3 11.5 17.3

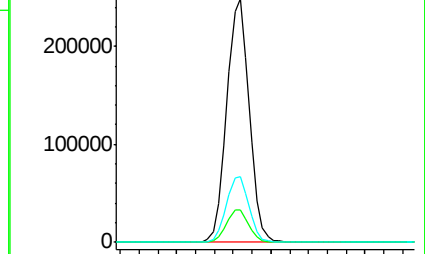
71 27.1 22.6 34.0



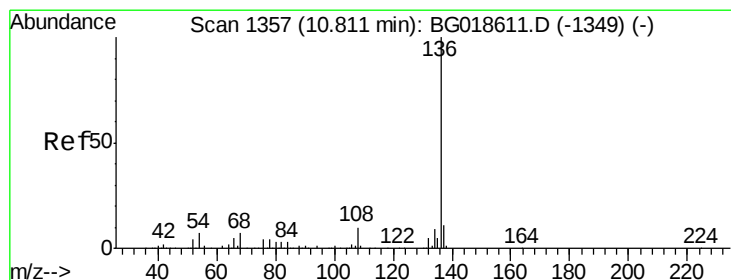
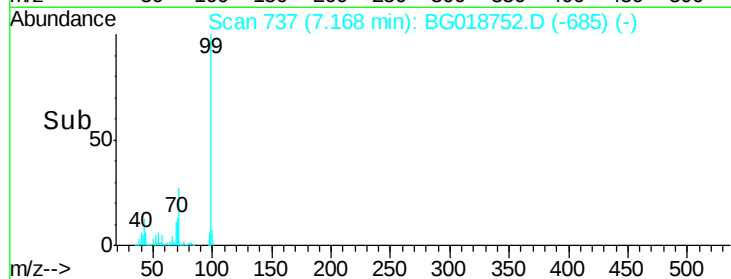
Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



Time-->



#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

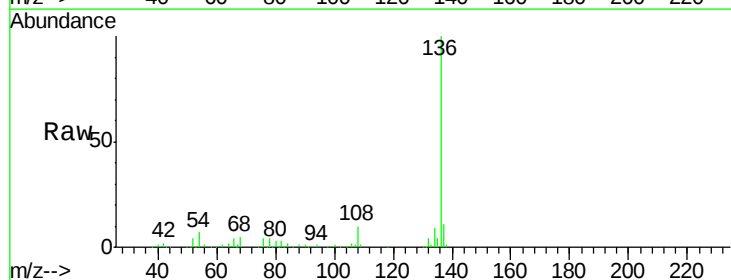
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	12.8
54	6.9	5.4	8.2
68	5.1	5.3	7.9#

136 100

137 11.3 8.6 12.8

54 6.9 5.4 8.2

68 5.1 5.3 7.9#

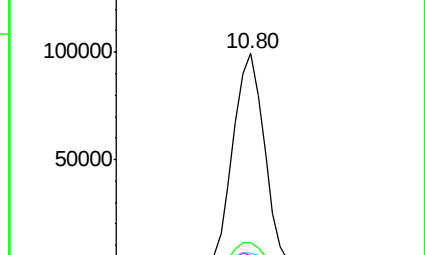


Abundance Ion 136.00 (135.70 to 136.70): BGC

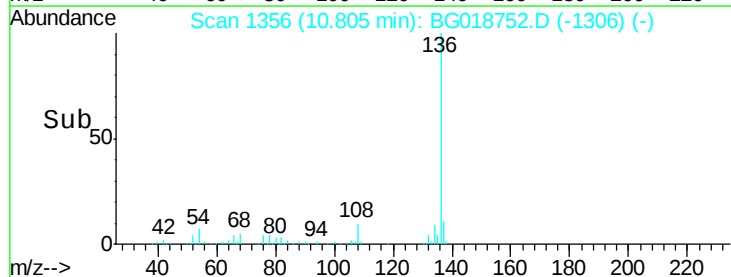
Ion 137.00 (136.70 to 137.70): BGC

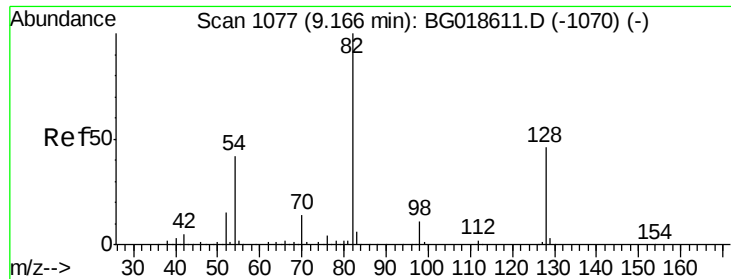
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time-->

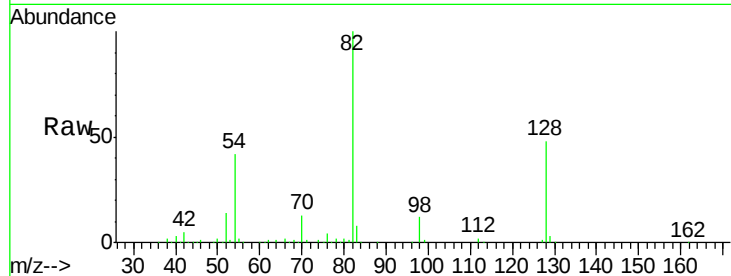




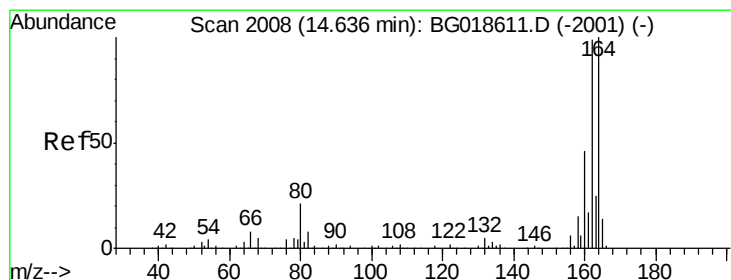
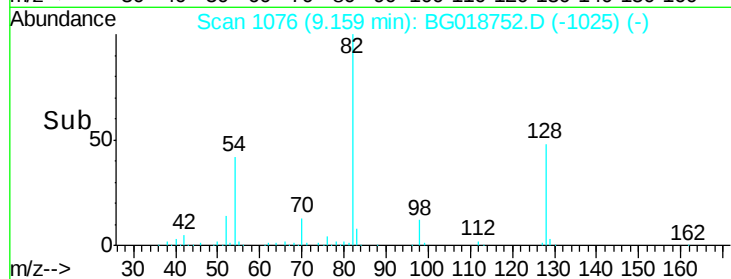
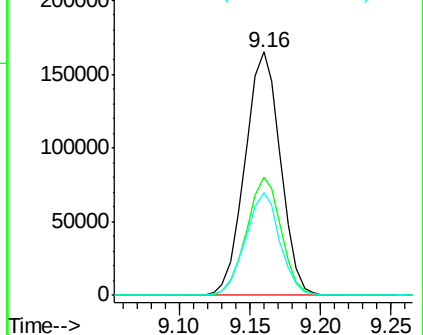
#23
Nitrobenzene-d5
Concen: 94.64 ng
RT: 9.16 min Scan# 1076
Delta R.T. -0.00 min
Lab File: BG018752.D
Acq: 18 Sep 2015 00:15

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

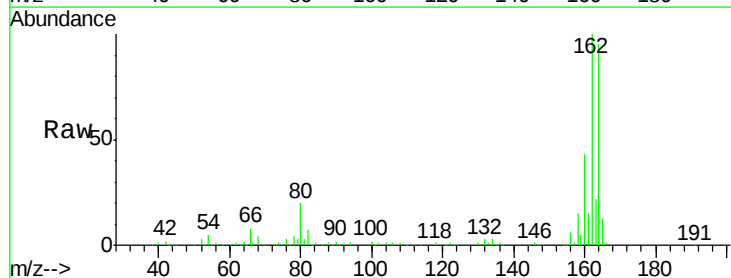


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

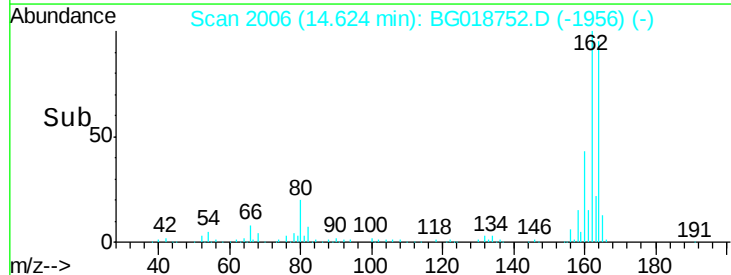
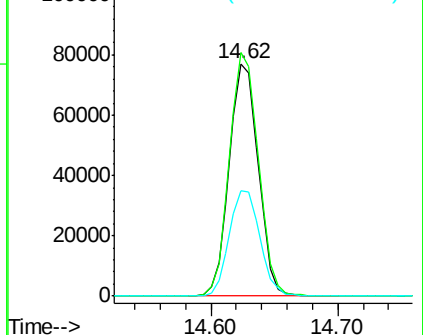


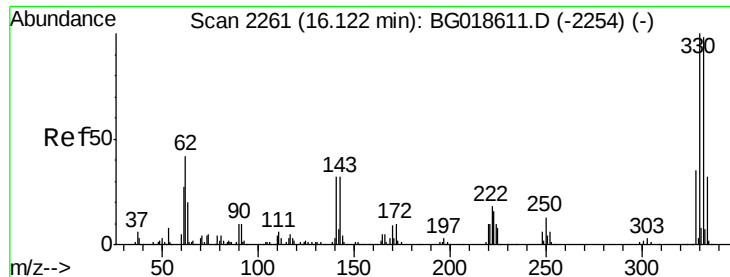
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.62 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BG018752.D
Acq: 18 Sep 2015 00:15

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

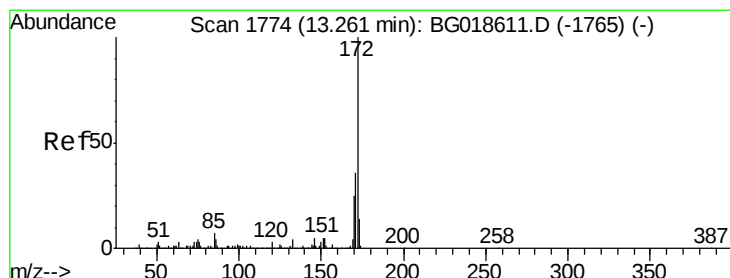
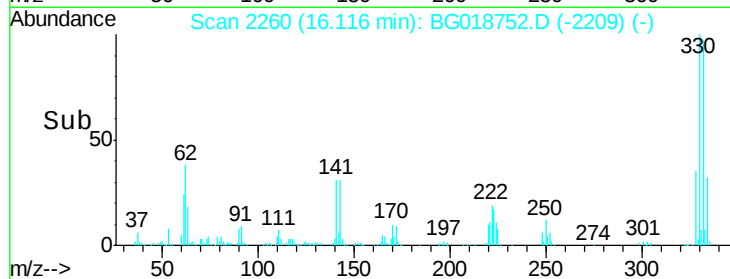
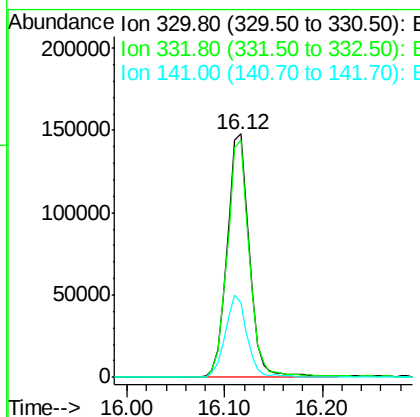
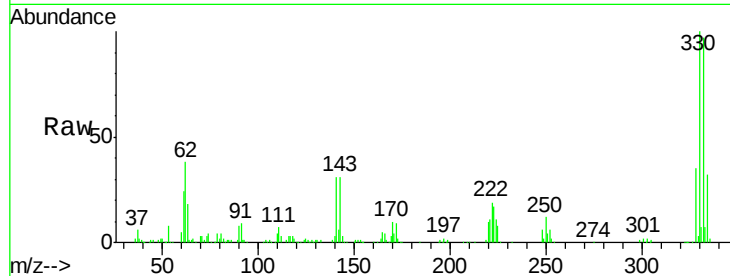




#41
 2,4,6-Tribromophenol
 Concen: 142.64 ng
 RT: 16.12 min Scan# 2260
 Delta R.T. -0.00 min
 Lab File: BG018752.D
 Acq: 18 Sep 2015 00:15

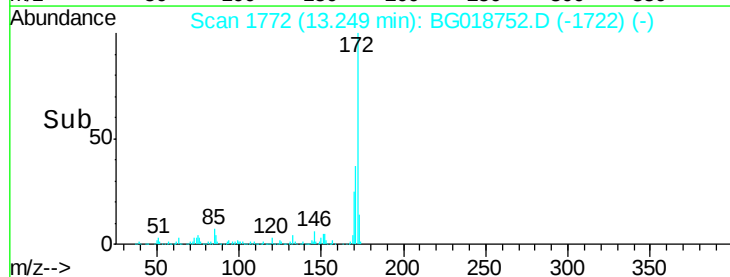
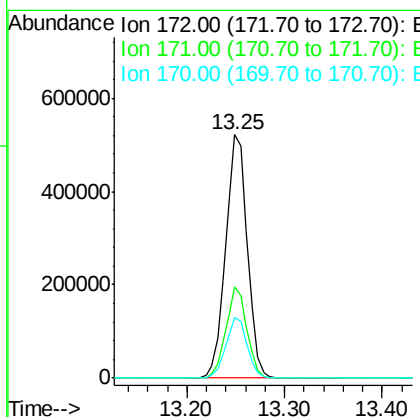
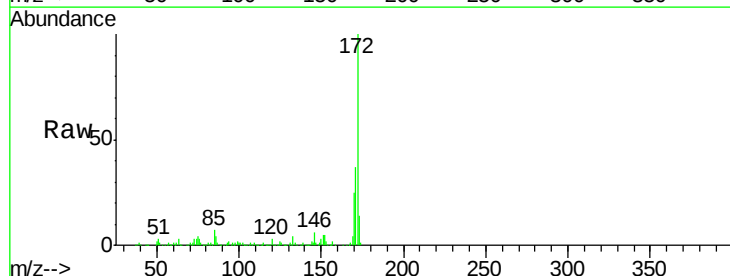
Instrument :
 BNA_G
 ClientSampleId :
 WC-9-14-15-SOIL

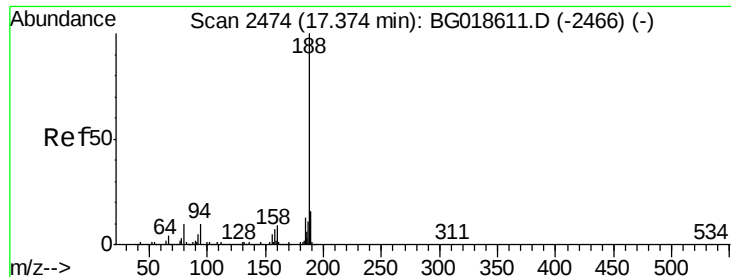
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	78.1	117.1
141	33.2	28.2	42.2



#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

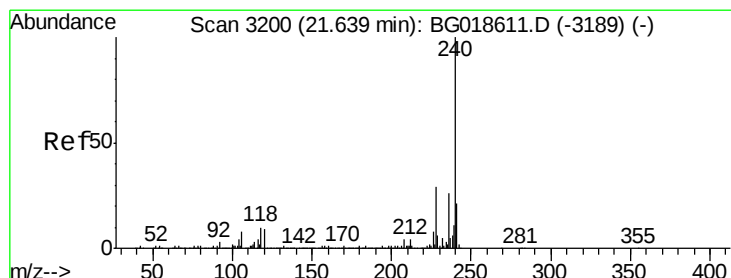
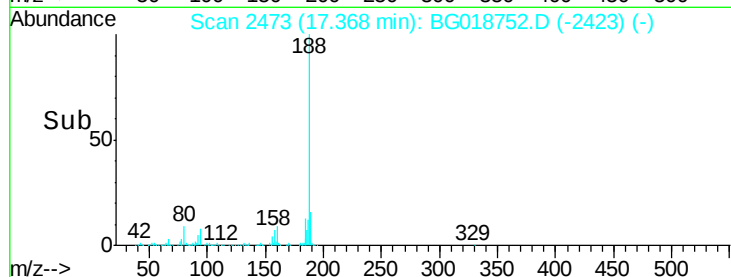
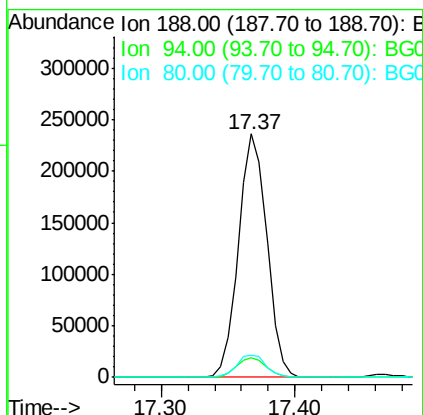
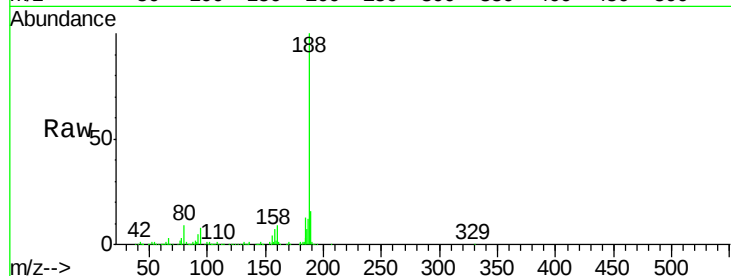




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.37 min Scan# 2473
Delta R.T. -0.01 min
Lab File: BG018752.D
Acq: 18 Sep 2015 00:15

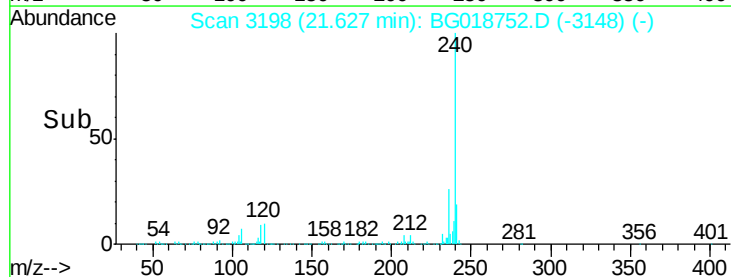
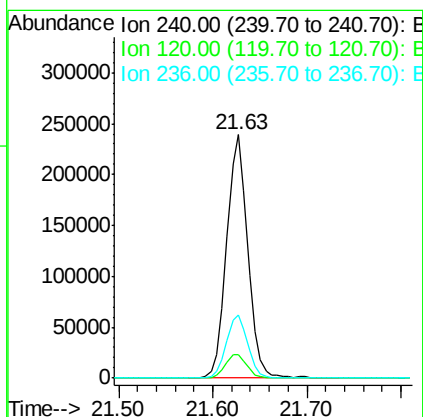
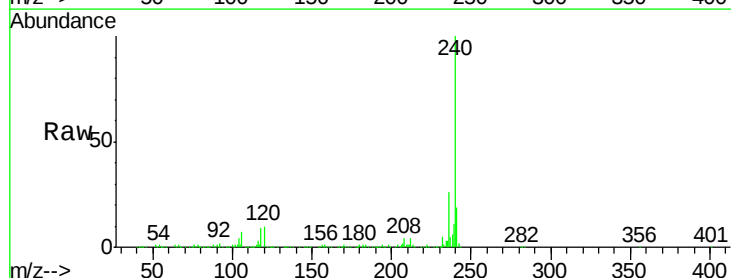
Instrument :
BNA_G
ClientSampleId :
WC-9-14-15-SOIL

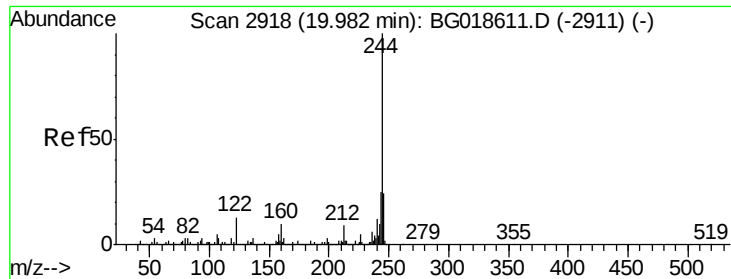
Tot Ion:188 Resp: 347175
Ion Ratio Lower Upper
188 100
94 8.3 7.7 11.5
80 9.0 7.8 11.8



#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

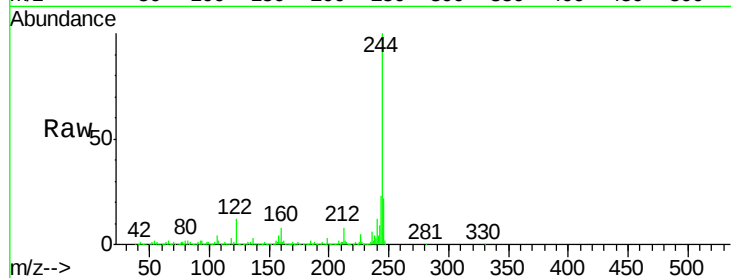
Tot Ion:244 Resp: 1347965

Ion Ratio Lower Upper

244 100

212 8.1 6.9 10.3

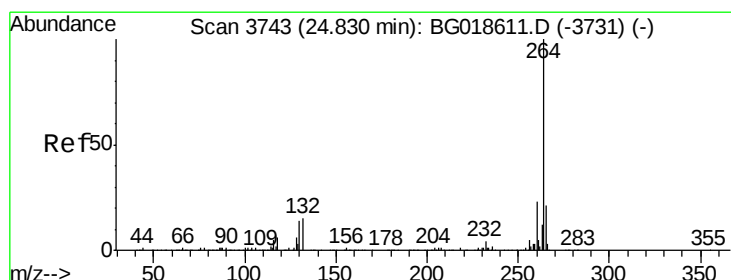
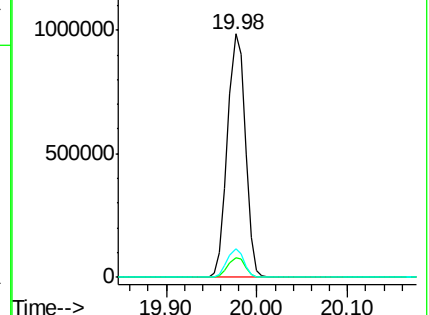
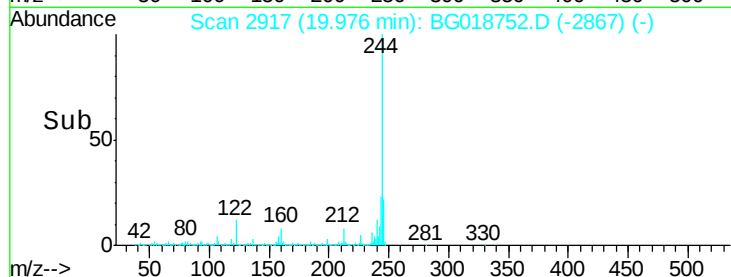
122 11.6 10.2 15.2



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

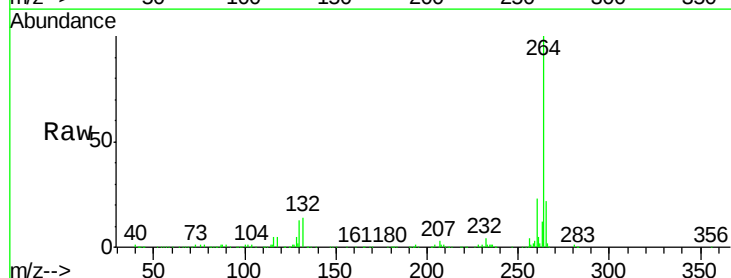
Tgt Ion:264 Resp: 364137

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

