

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091215\
 Data File : BG018657.D
 Acq On : 12 Sep 2015 2:25
 Operator : UM/IZ
 Sample : G3620-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-14(7-9.5)

Quant Time: Sep 12 03:53:44 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

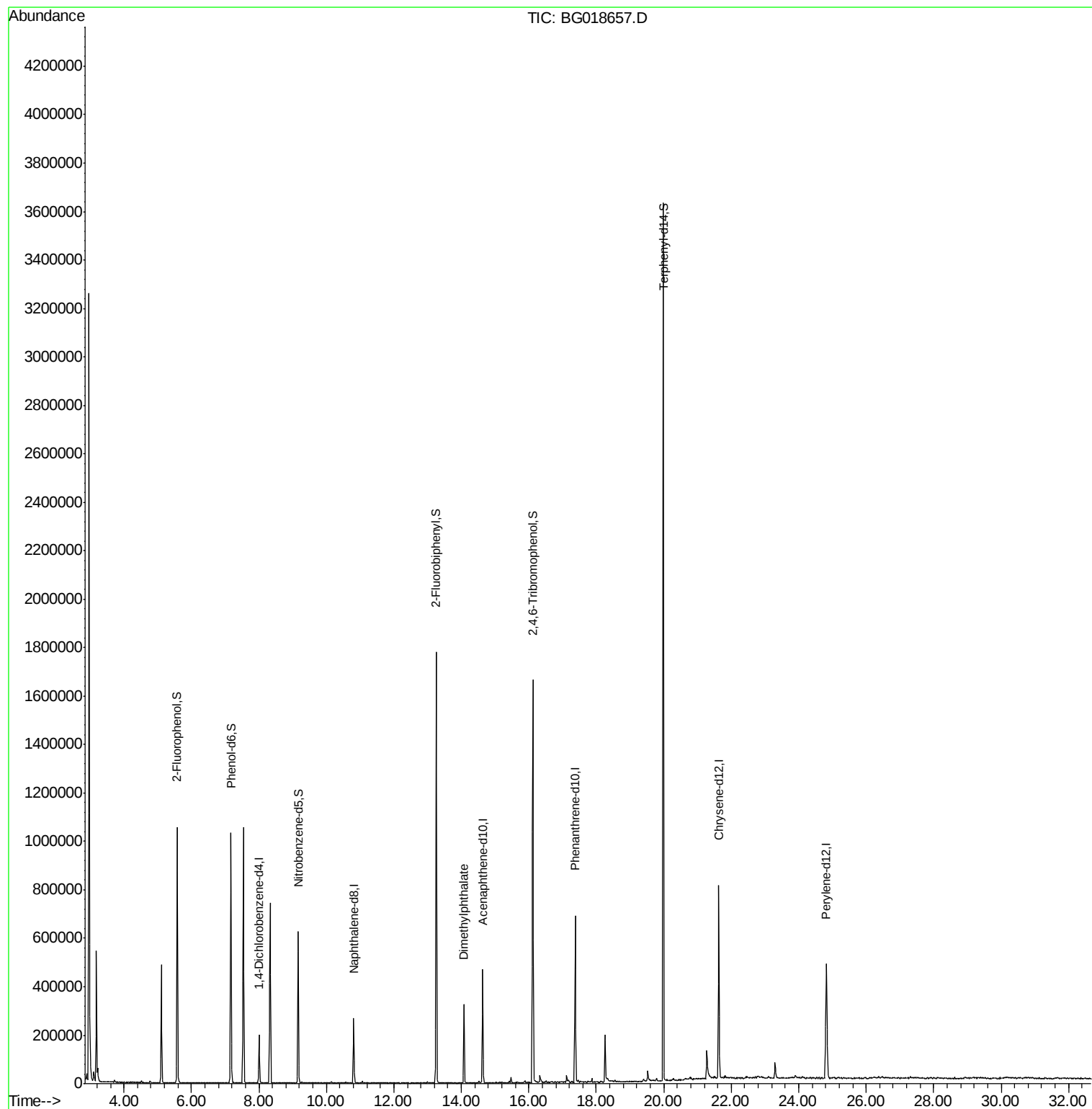
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	58252	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	236838	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	157965	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	440242	20.00	ng	0.00
75) Chrysene-d12	21.63	240	490824	20.00	ng	0.00
86) Perylene-d12	24.82	264	483785	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	492393	146.02	ng	0.00
7) Phenol-d6	7.17	99	685428	141.76	ng	0.00
23) Nitrobenzene-d5	9.16	82	392957	92.84	ng	0.00
41) 2,4,6-Tribromophenol	16.12	330	314565	147.89	ng	0.00
44) 2-Fluorobiphenyl	13.26	172	960382	84.40	ng	0.00
78) Terphenyl-d14	19.98	244	1549752	82.91	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.07	163	227622	17.40	ng	Qvalue 97

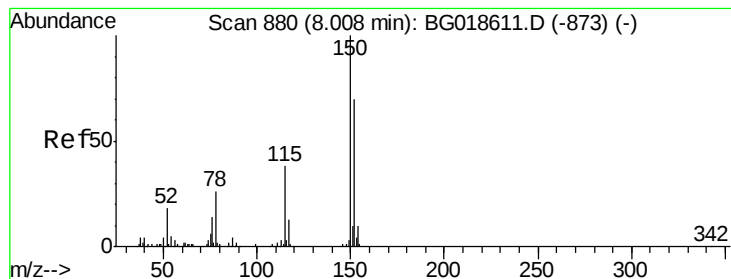
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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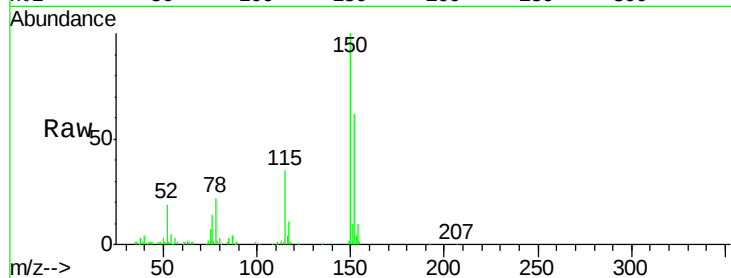


#1

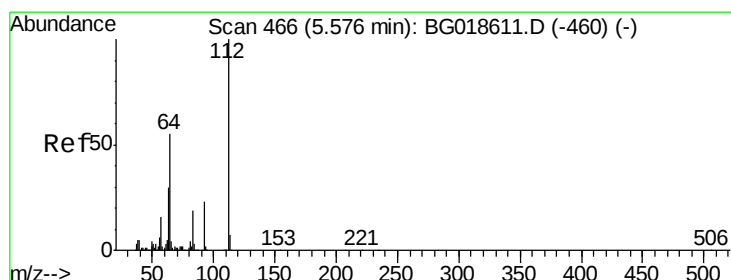
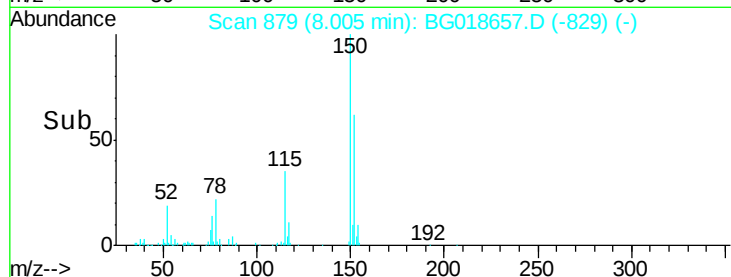
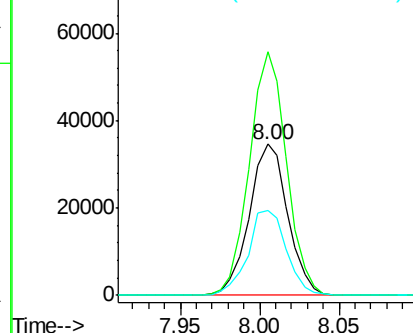
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.00 min Scan# 879
Delta R.T. -0.00 min
Lab File: BG018657.D
Acq: 12 Sep 2015 2:25

Instrument :
BNA_G
ClientSampleId :
SB-14(7-9.5)

Tgt Ion	Ratio	Lower	Upper
152	100		
150	161.3	115.0	172.4
115	56.5	43.9	65.9



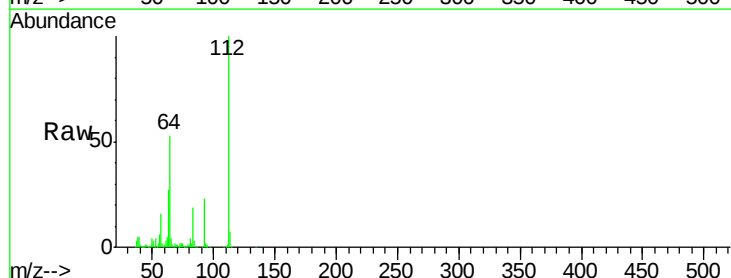
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



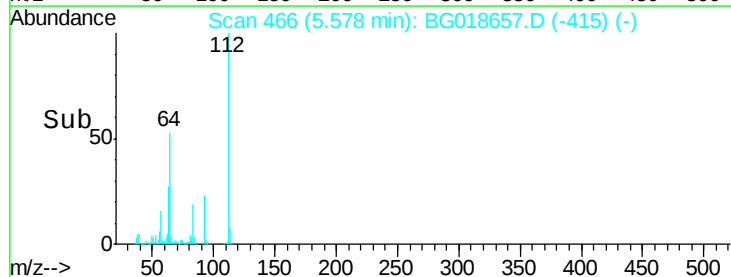
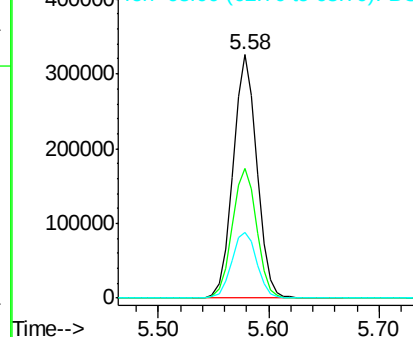
#5

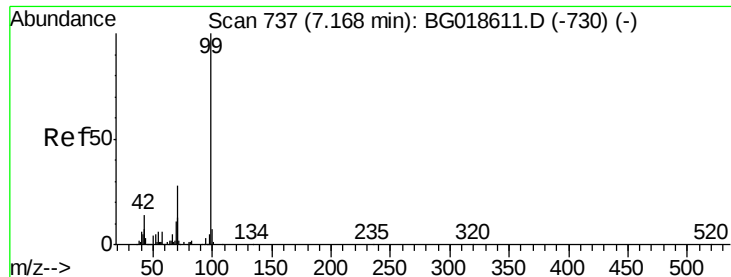
2-Fluorophenol
Concen: 146.02 ng
RT: 5.58 min Scan# 466
Delta R.T. 0.00 min
Lab File: BG018657.D
Acq: 12 Sep 2015 2:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.2	43.7	65.5
63	26.8	24.0	36.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 141.76 ng

RT: 7.17 min Scan# 737

Delta R.T. 0.01 min

Lab File: BG018657.D

Acq: 12 Sep 2015 2:25

Instrument :

BNA_G

ClientSampleId :

SB-14(7-9.5)

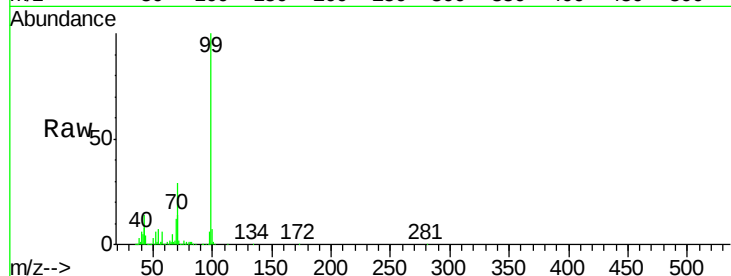
Tgt Ion: 99 Resp: 685428

Ion Ratio Lower Upper

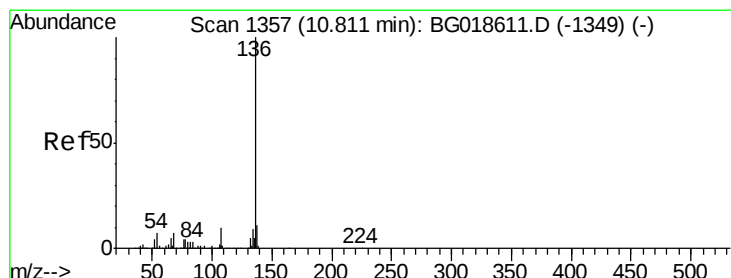
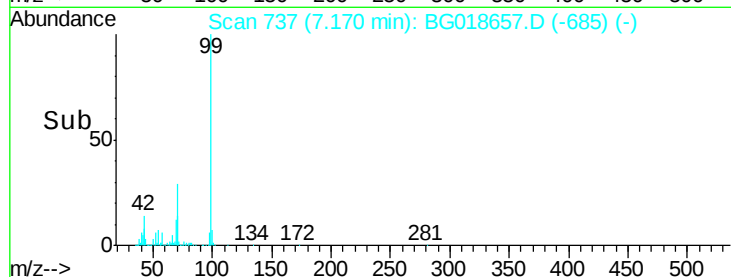
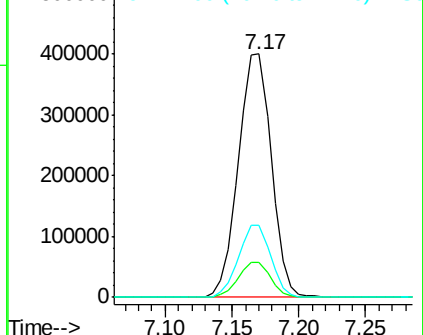
99 100

42 14.3 11.5 17.3

71 29.4 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: 10.81 min Scan# 1356

Delta R.T. -0.00 min

Lab File: BG018657.D

Acq: 12 Sep 2015 2:25

Tgt Ion: 136 Resp: 236838

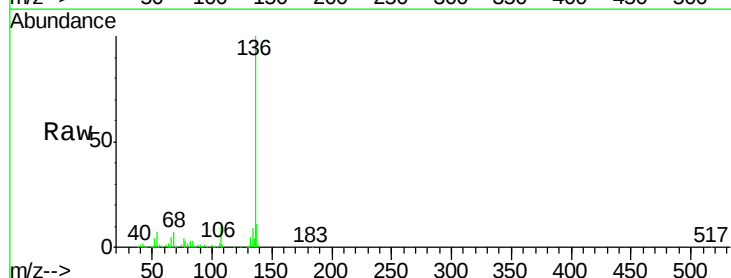
Ion Ratio Lower Upper

136 100

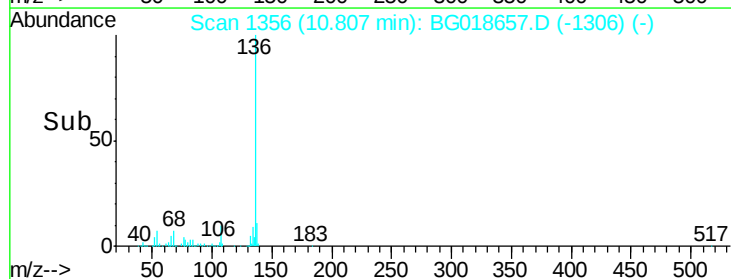
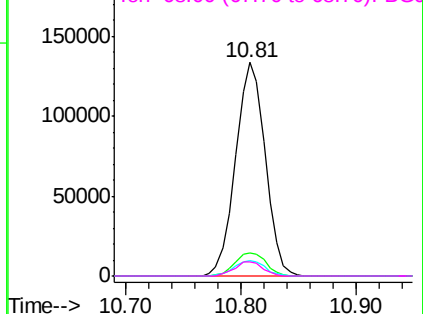
137 10.6 8.6 12.8

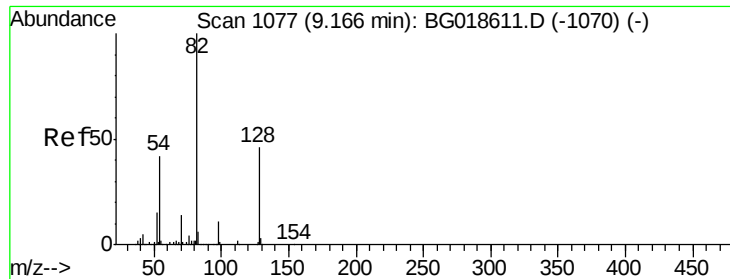
54 7.0 5.4 8.2

68 6.6 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

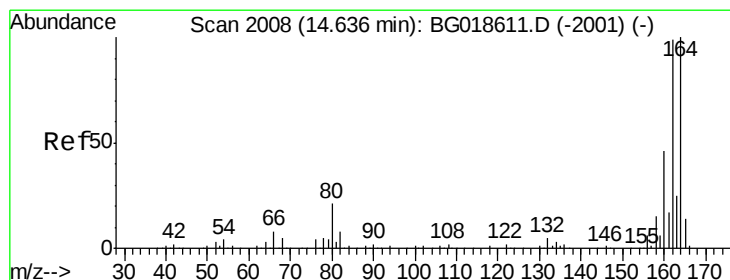
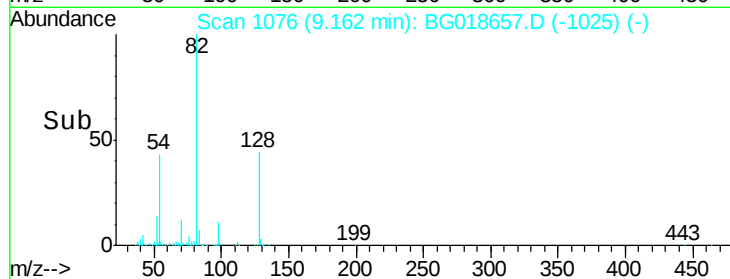
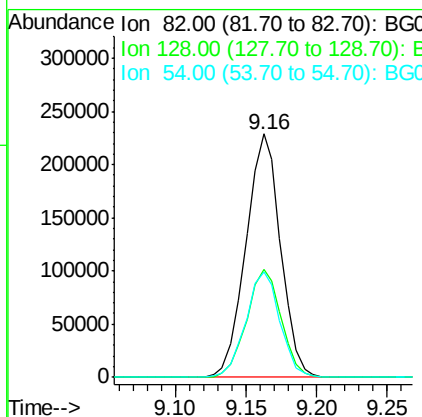
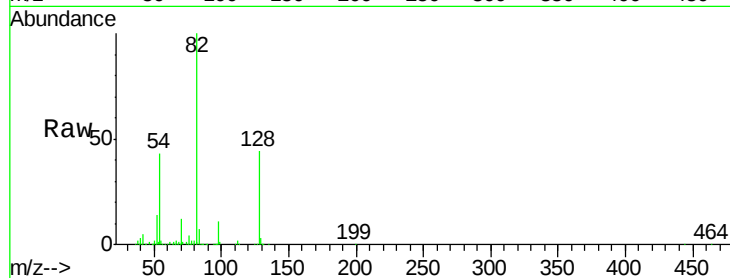




#23
 Nitrobenzene-d5
 Concen: 92.84 ng
 RT: 9.16 min Scan# 1076
 Delta R.T. 0.00 min
 Lab File: BG018657.D
 Acq: 12 Sep 2015 2:25

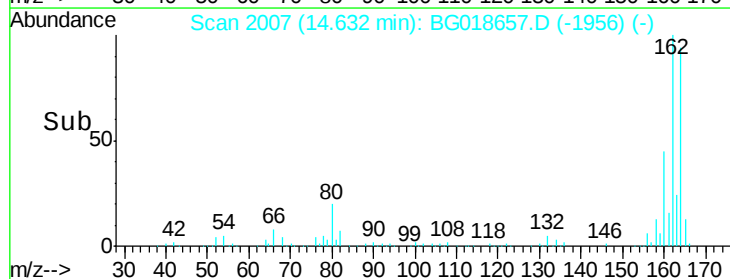
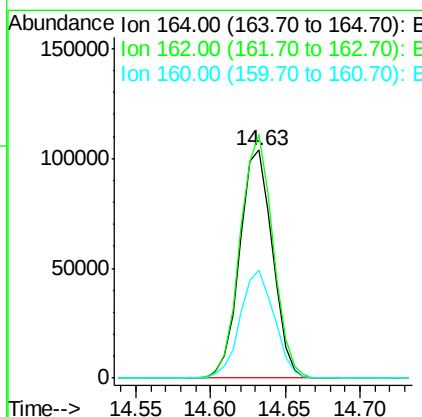
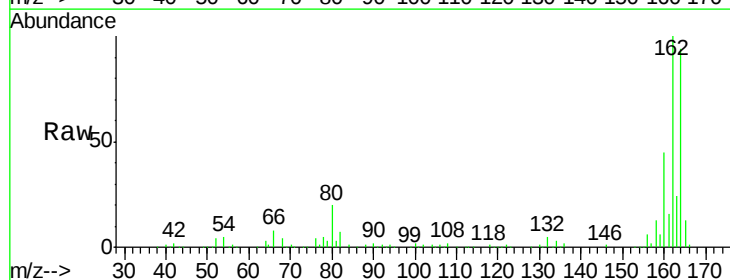
Instrument :
 BNA_G
 ClientSampleId :
 SB-14(7-9.5)

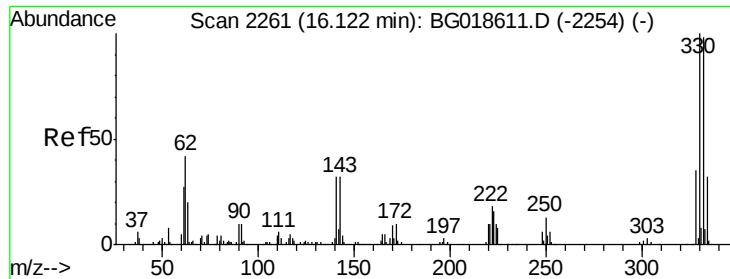
Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.1	36.7	55.1
54	43.1	33.8	50.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.63 min Scan# 2007
 Delta R.T. 0.00 min
 Lab File: BG018657.D
 Acq: 12 Sep 2015 2:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.9	78.8	118.2
160	47.7	36.4	54.6





#41

2,4,6-Tribromophenol

Concen: 147.89 ng

RT: 16.12 min Scan# 2260

Delta R.T. 0.00 min

Lab File: BG018657.D

Acq: 12 Sep 2015 2:25

Instrument :

BNA_G

ClientSampleId :

SB-14(7-9.5)

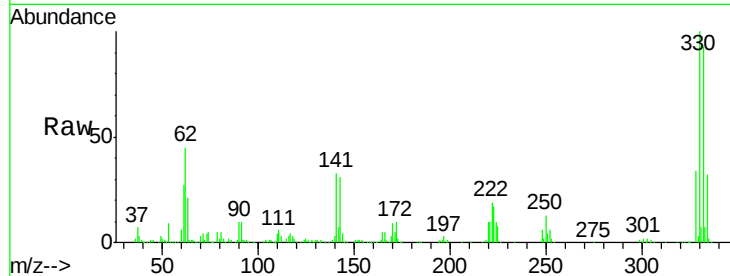
Tgt Ion:330 Resp: 314565

Ion Ratio Lower Upper

330 100

332 96.0 78.1 117.1

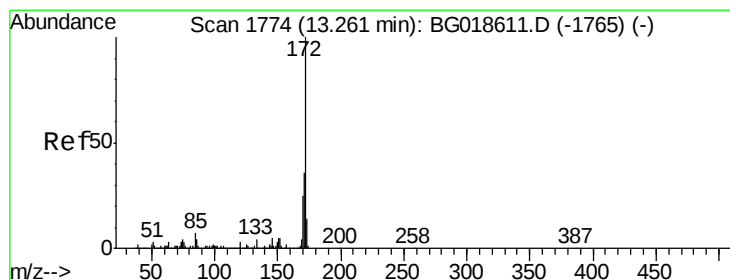
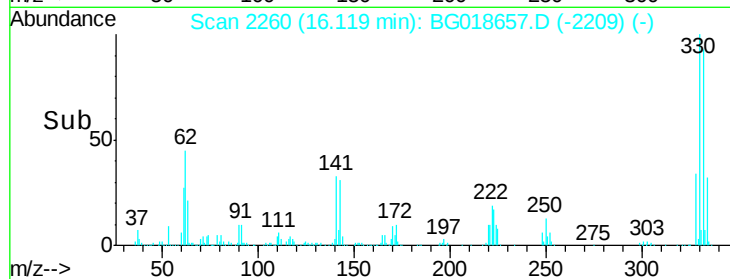
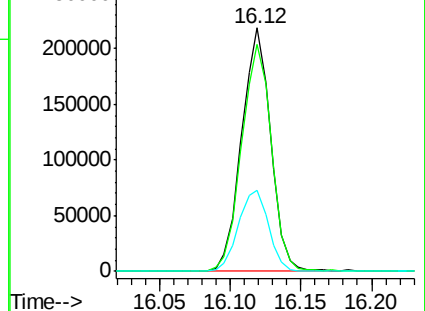
141 34.8 28.2 42.2



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: 84.40 ng

RT: 13.26 min Scan# 1773

Delta R.T. 0.00 min

Lab File: BG018657.D

Acq: 12 Sep 2015 2:25

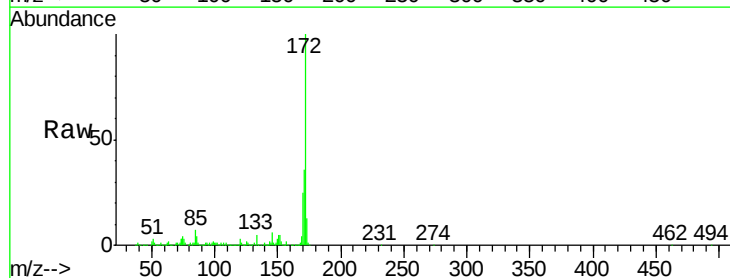
Tgt Ion:172 Resp: 960382

Ion Ratio Lower Upper

172 100

171 36.0 29.0 43.6

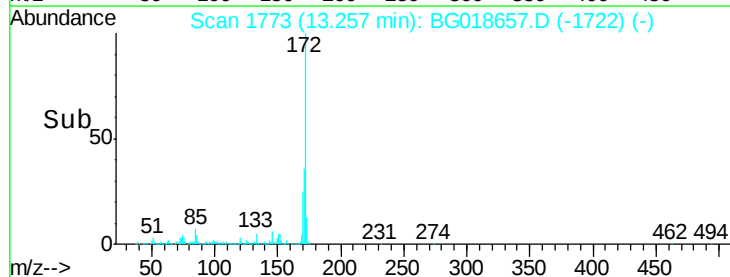
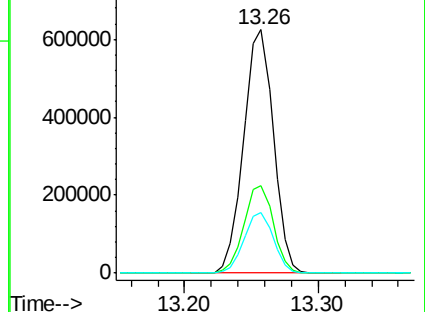
170 25.1 19.9 29.9

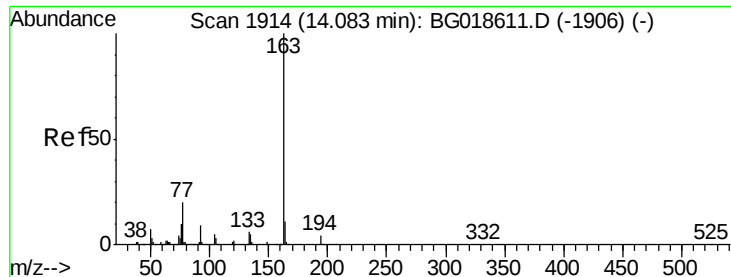


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 17.40 ng

RT: 14.07 min Scan# 1912

Delta R.T. -0.00 min

Lab File: BG018657.D

Acq: 12 Sep 2015 2:25

Instrument :

BNA_G

ClientSampleId :

SB-14(7-9.5)

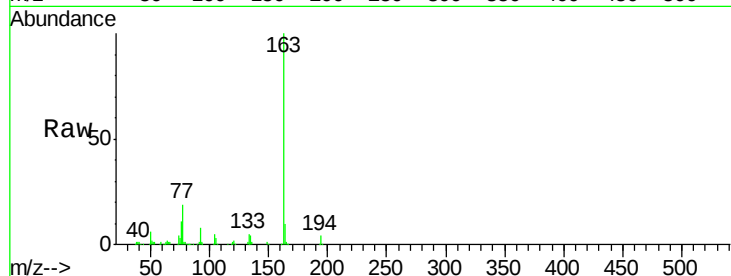
Tgt Ion:163 Resp: 227622

Ion Ratio Lower Upper

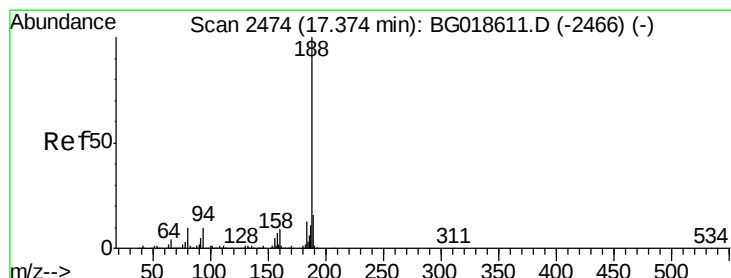
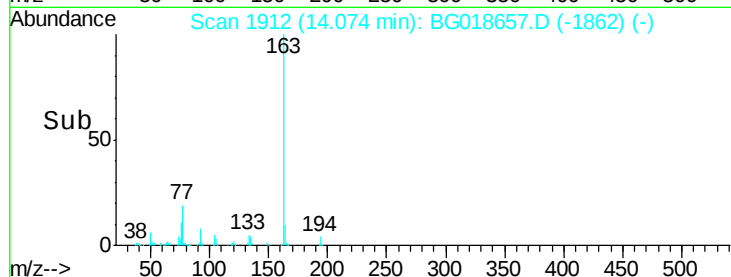
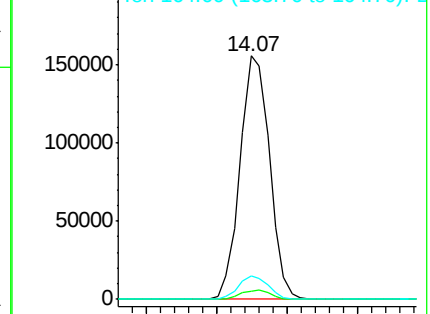
163 100

194 3.5 3.1 4.7

164 9.9 8.8 13.2



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: 17.38 min Scan# 2474

Delta R.T. 0.00 min

Lab File: BG018657.D

Acq: 12 Sep 2015 2:25

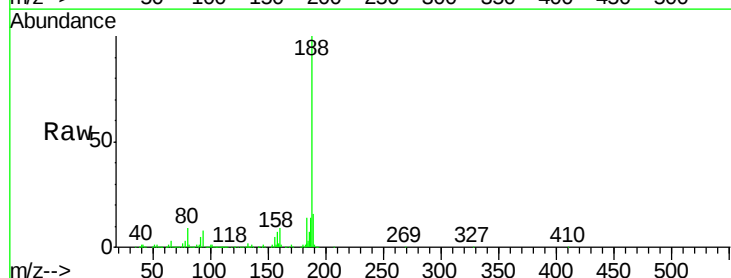
Tgt Ion:188 Resp: 440242

Ion Ratio Lower Upper

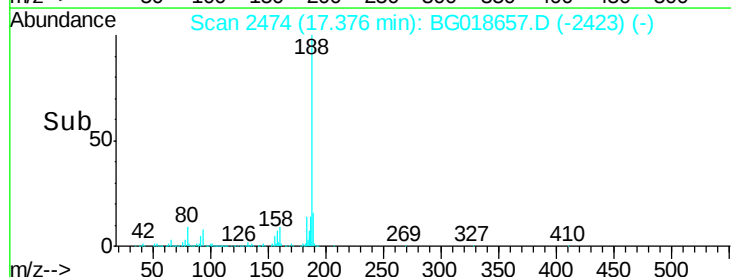
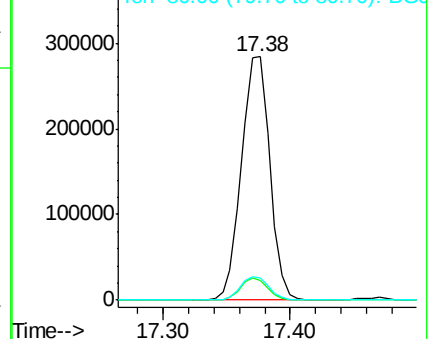
188 100

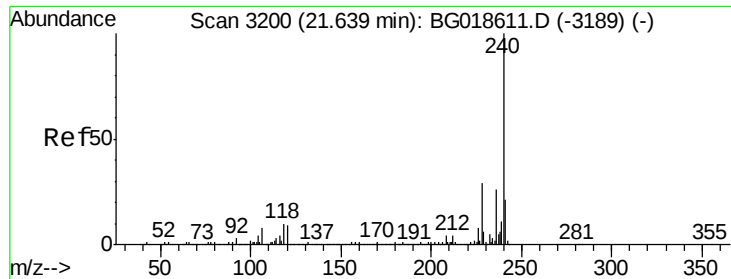
94 8.3 7.7 11.5

80 9.0 7.8 11.8



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

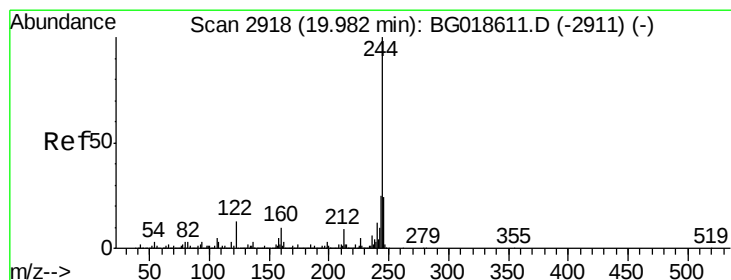
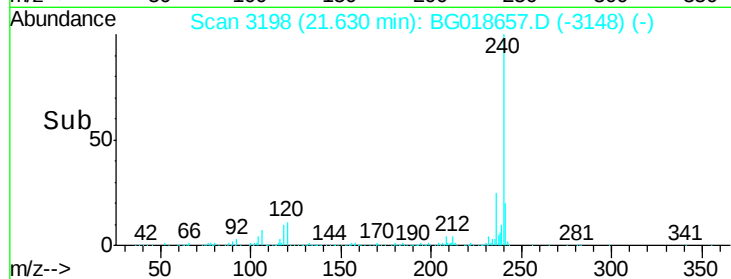
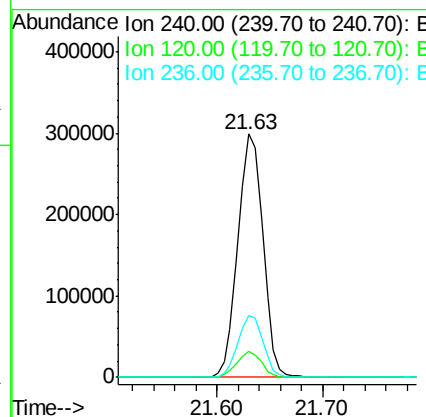
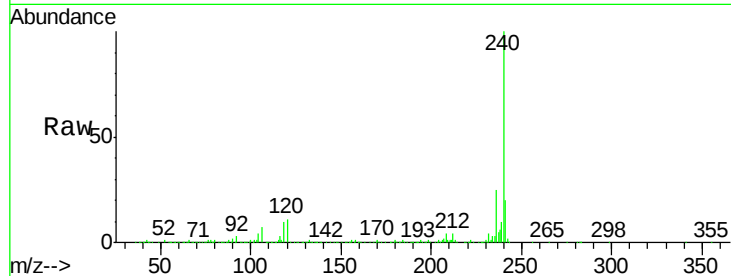




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.63 min Scan# 3198
 Delta R.T. -0.00 min
 Lab File: BG018657.D
 Acq: 12 Sep 2015 2:25

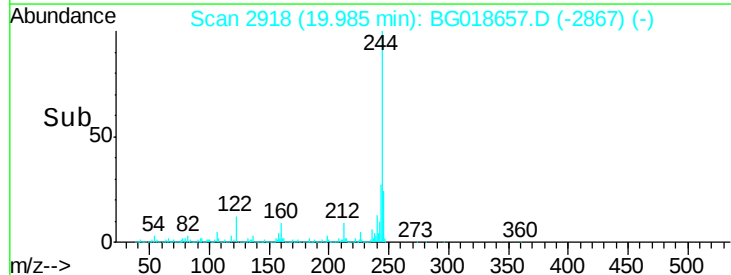
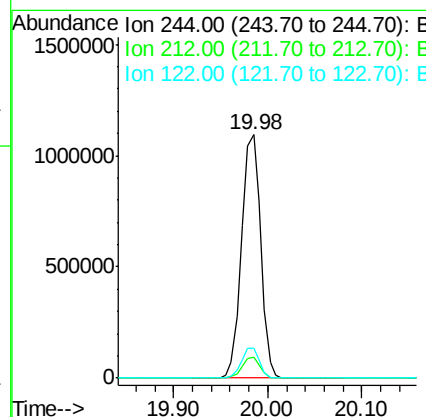
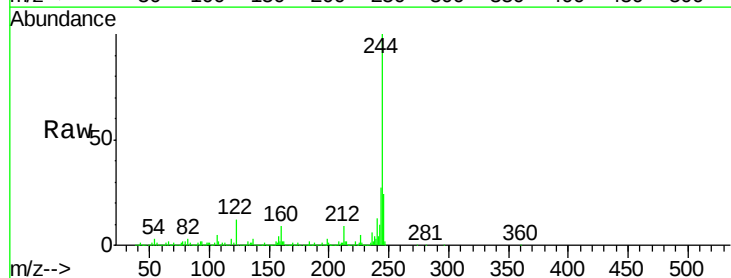
Instrument :
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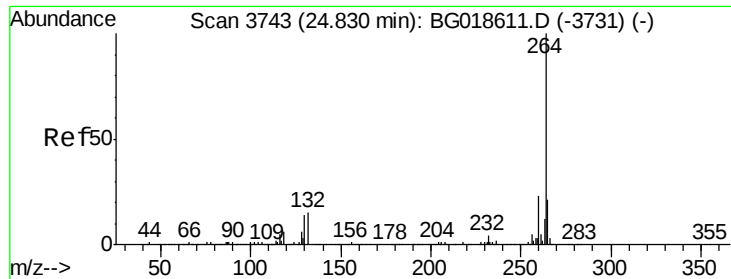
Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.5	7.4	11.0
236	25.4	20.7	31.1



#78
 Terphenyl-d14
 Concen: 82.91 ng
 RT: 19.98 min Scan# 2918
 Delta R.T. 0.00 min
 Lab File: BG018657.D
 Acq: 12 Sep 2015 2:25

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.9	10.3
122	12.0	10.2	15.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.82 min Scan# 3741
Delta R.T. -0.00 min
Lab File: BG018657.D
Acq: 12 Sep 2015 2:25

Instrument :
BNA_G
ClientSampleId :
SB-14(7-9.5)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.5	27.7
265	22.0	17.2	25.8

