

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 03:52:56 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

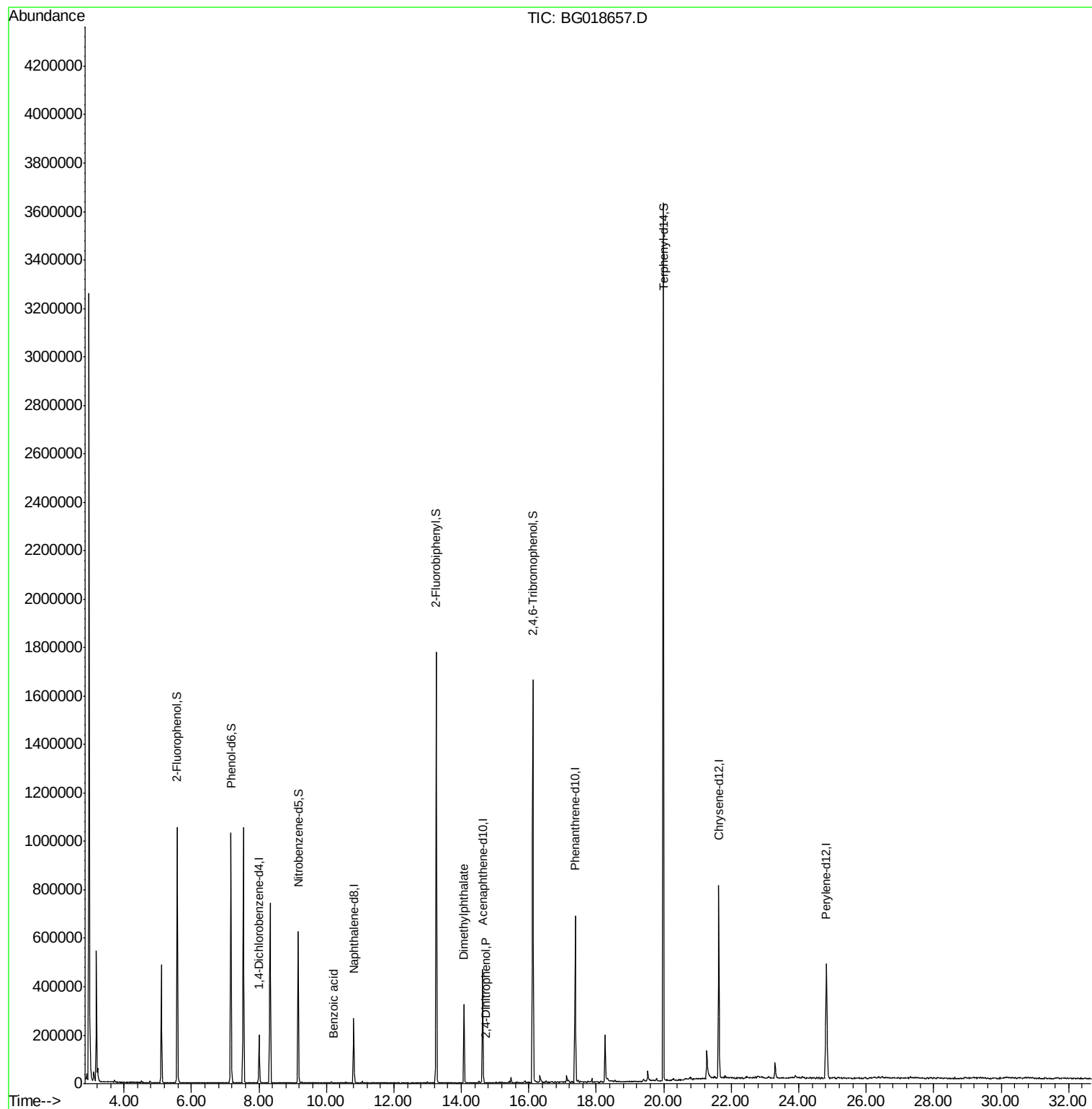
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	58252	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	236838	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	157965	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	440242	20.00	ng	0.00
75) Chrysene-d12	21.63	240	490824	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						
32) Benzoic acid	10.21	122	55	7.95	ng	# 1
49) Dimethylphthalate	14.07	163	227622	17.40	ng	97
53) 2,4-Dinitrophenol	14.73	184	54	7.68	ng	# 24

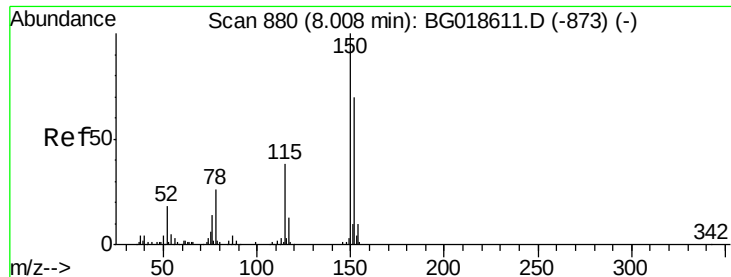
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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)

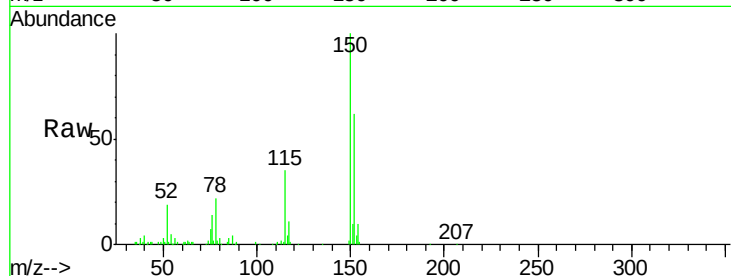
Tot Ion:152 Resp: 58252

Ion Ratio Lower Upper

152 100

150 161.3 115.0 172.4

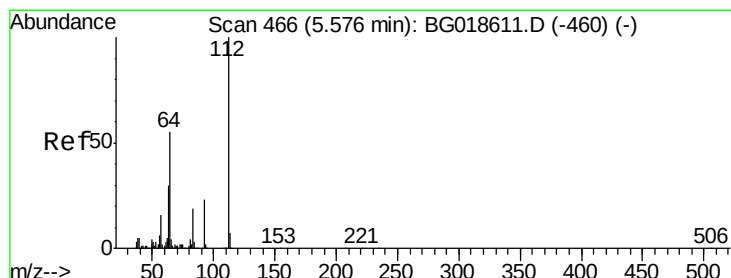
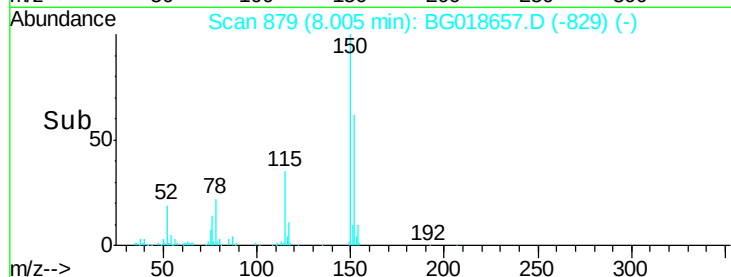
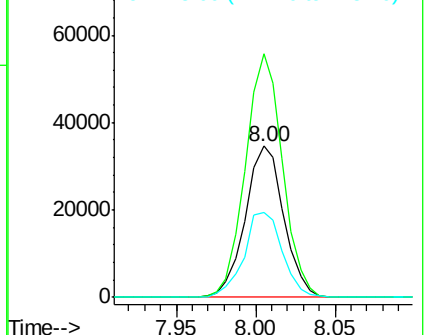
115 56.5 43.9 65.9



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

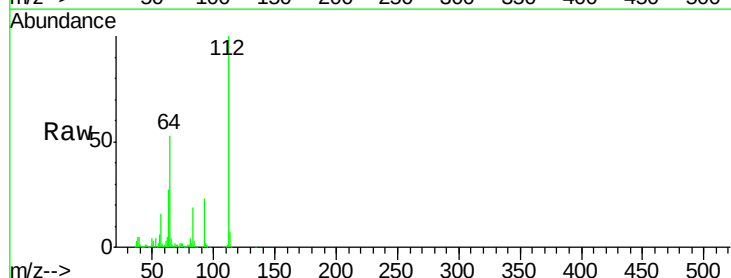
Tgt Ion:112 Resp: 492393

Ion Ratio Lower Upper

112 100

64 53.2 43.7 65.5

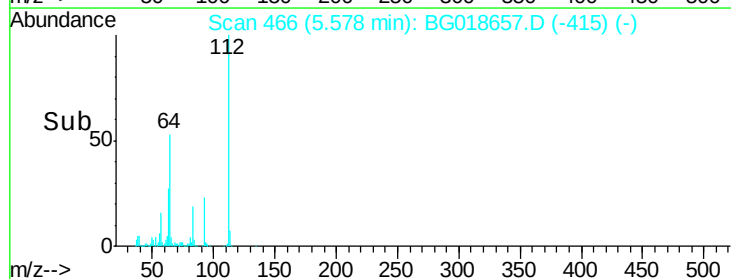
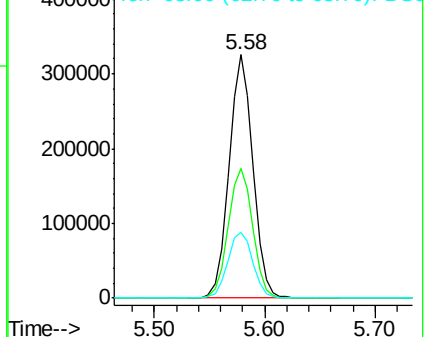
63 26.8 24.0 36.0

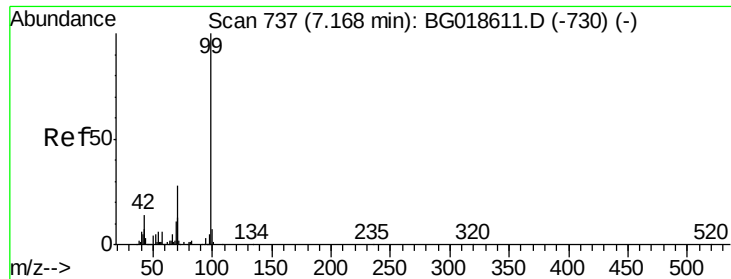


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#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)

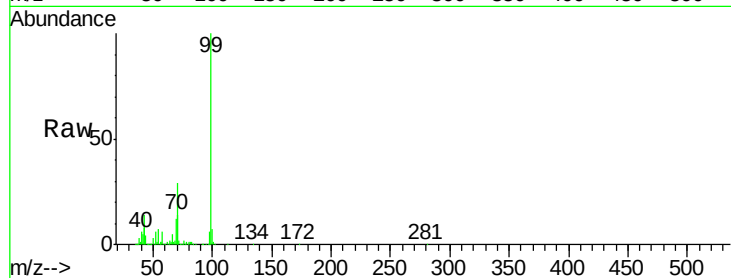
Tot Ion: 99 Resp: 685428

Ion Ratio Lower Upper

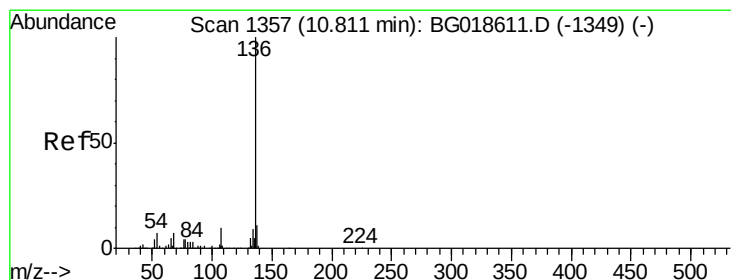
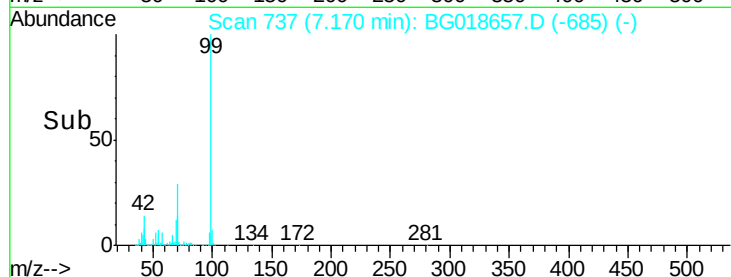
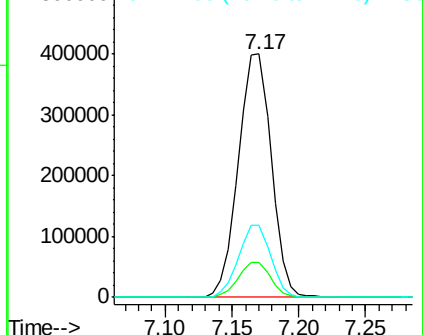
99 100

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

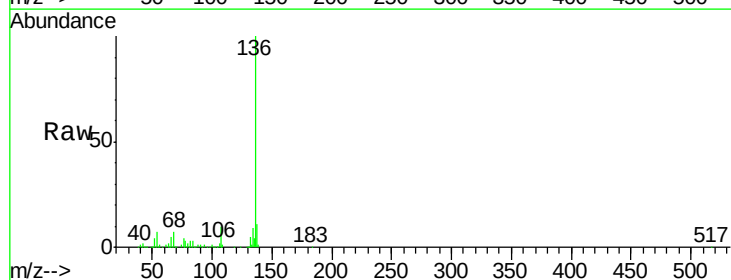
Ion Ratio Lower Upper

136 100

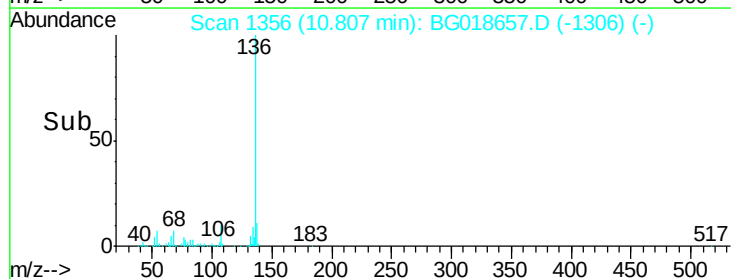
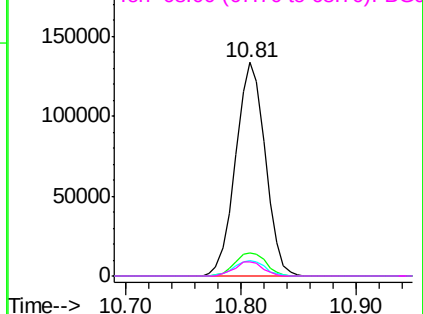
137 10.6 8.6 12.8

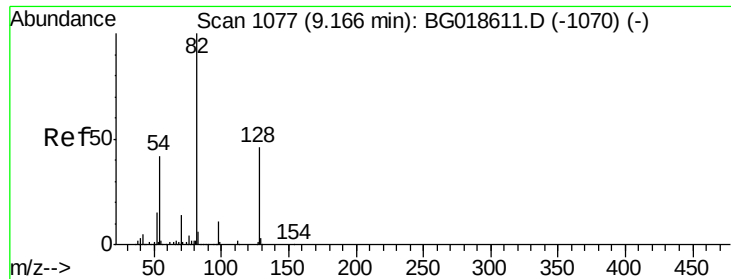
54 7.0 5.4 8.2

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

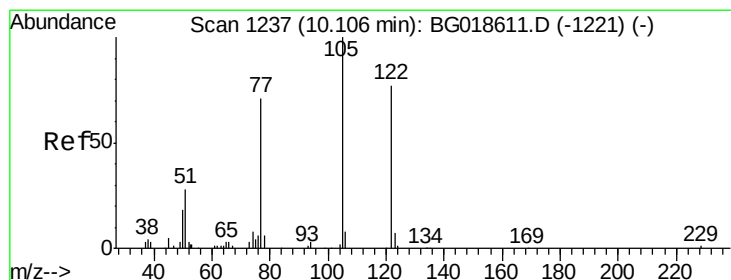
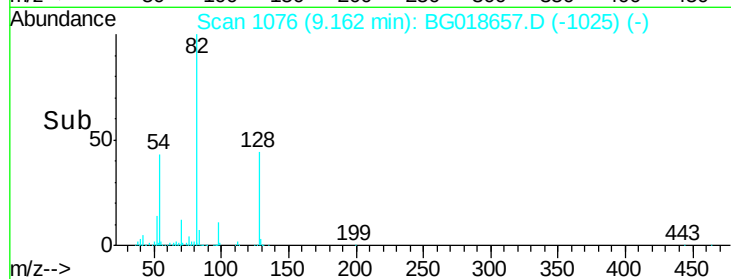
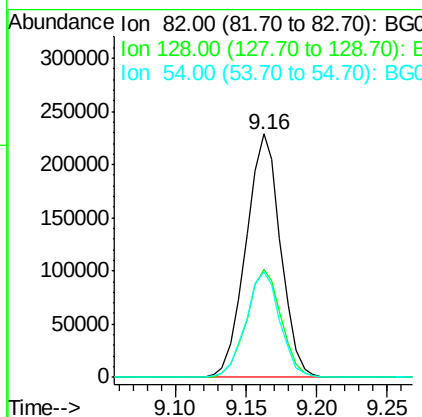
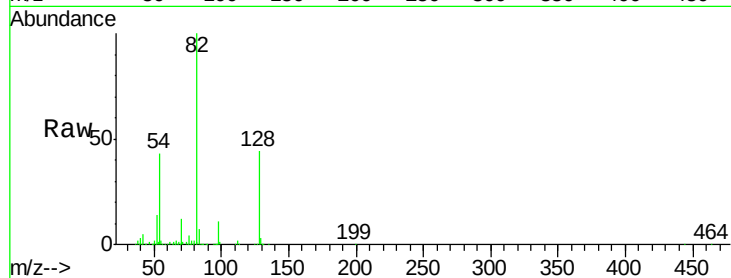




#23
 Nitrobenzene-d5
 Concen: 92.84 ng
 RT: 9.16 min Scan# 1076
 Delta R.T. 0.00 min
 Lab File: BG018657.D
 Acq: 12 Sep 2015 2:25

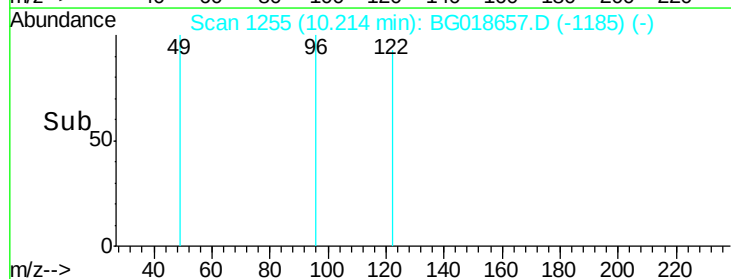
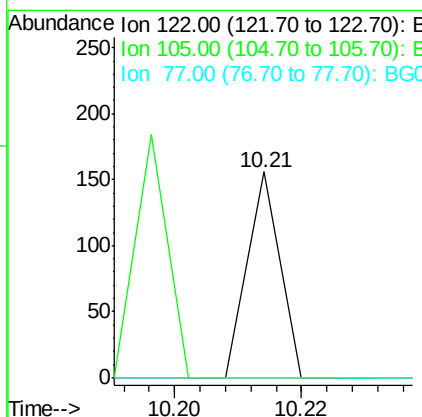
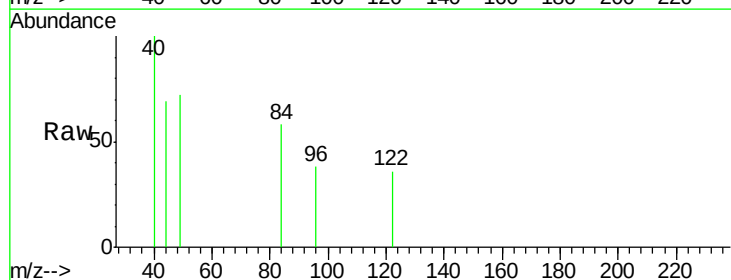
Instrument :
 BNA_G
 ClientSampleId :
 SB-14(7-9.5)

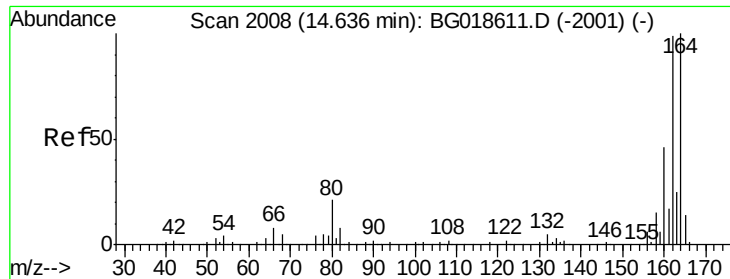
Tot Ion	82	Resp	392957
Ion	Ratio	Lower	Upper
82	100		
128	44.1	36.7	55.1
54	43.1	33.8	50.8



#32
 Benzoic acid
 Concen: 7.95 ng
 RT: 10.21 min Scan# 1255
 Delta R.T. 0.11 min
 Lab File: BG018657.D
 Acq: 12 Sep 2015 2:25

Tgt Ion	122	Resp	55
Ion	Ratio	Lower	Upper
122	100		
105	0.0	103.8	143.8#
77	0.0	68.8	108.8#





#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

Instrument :

BNA_G

ClientSampleId :

SB-14(7-9.5)

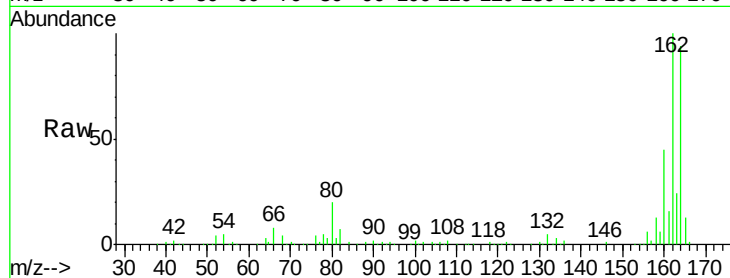
Tot Ion:164 Resp: 157965

Ion Ratio Lower Upper

164 100

162 106.9 78.8 118.2

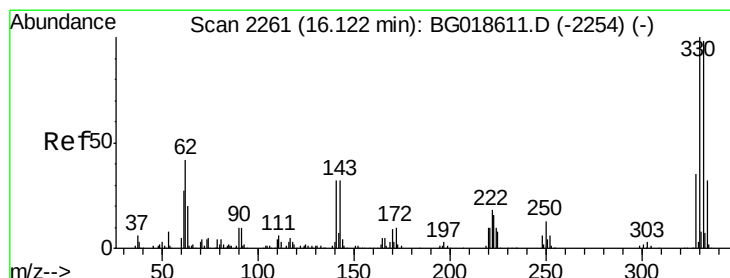
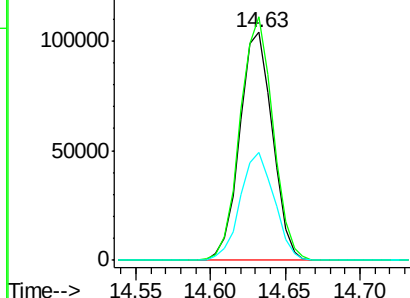
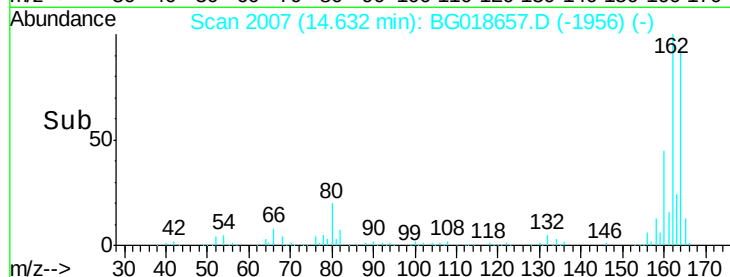
160 47.7 36.4 54.6



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: 147.89 ng

RT: 16.12 min Scan# 2260

Delta R.T. 0.00 min

Lab File: BG018657.D

Acq: 12 Sep 2015 2:25

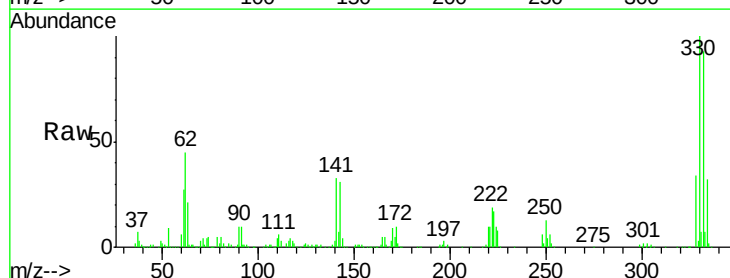
Tgt Ion:330 Resp: 314565

Ion Ratio Lower Upper

330 100

332 96.0 78.1 117.1

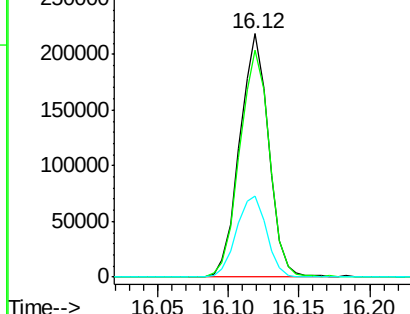
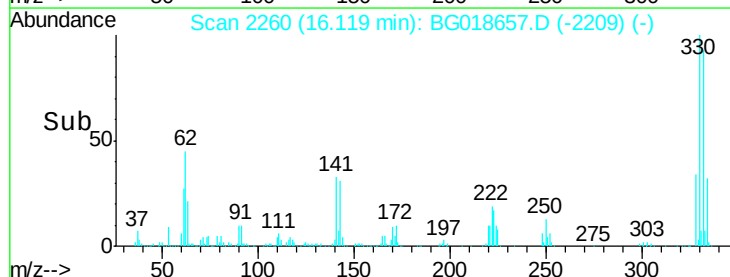
141 34.8 28.2 42.2

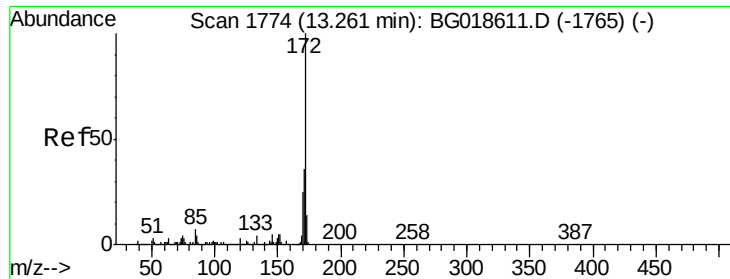


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

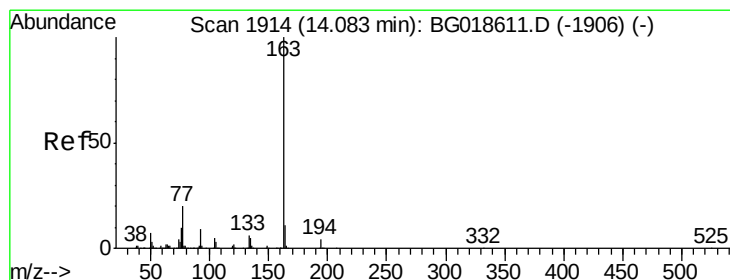
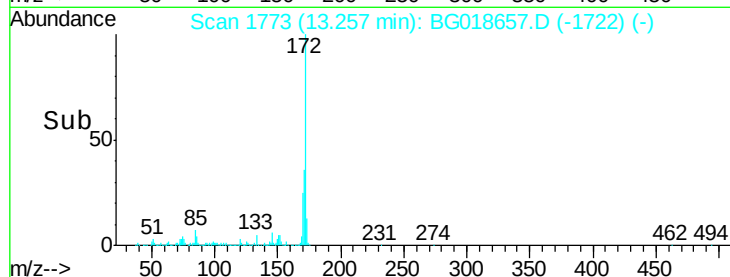
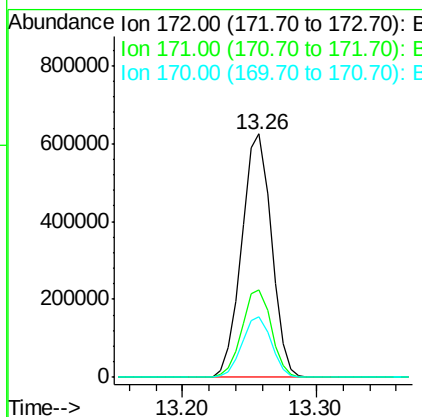
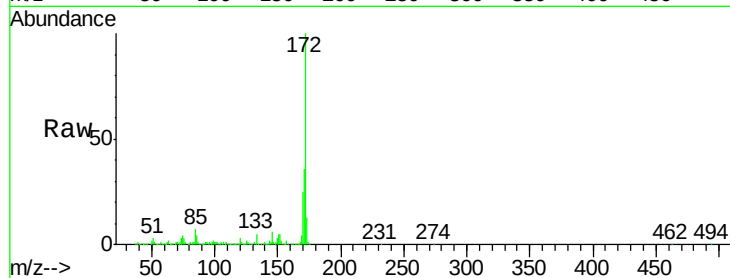




#44
2-Fluorobiphenyl
Concen: 84.40 ng
RT: 13.26 min Scan# 1773
Delta R.T. 0.00 min
Lab File: BG018657.D
Acq: 12 Sep 2015 2:25

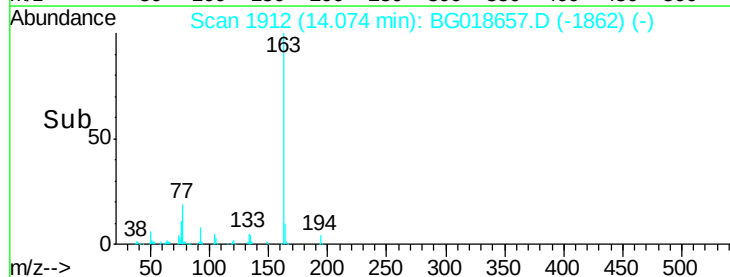
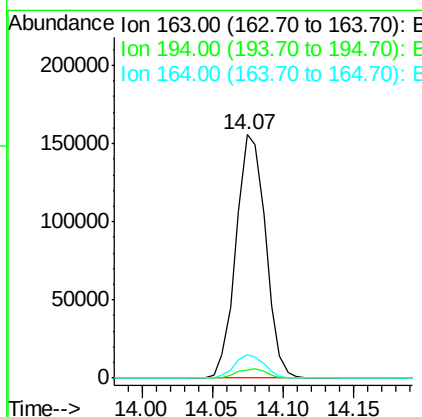
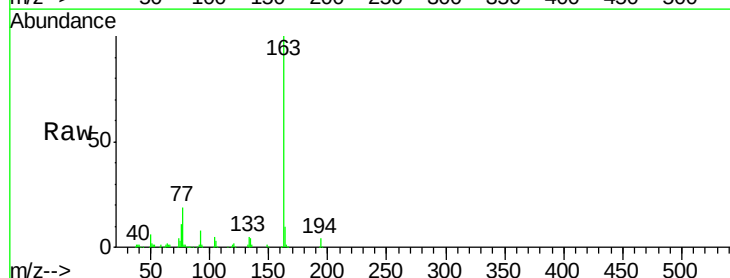
Instrument :
BNA_G
ClientSampleId :
SB-14(7-9.5)

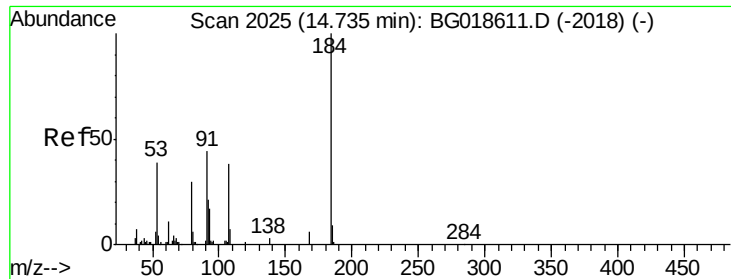
Tot Ion:172 Resp: 960382
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.6
170 25.1 19.9 29.9



#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

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

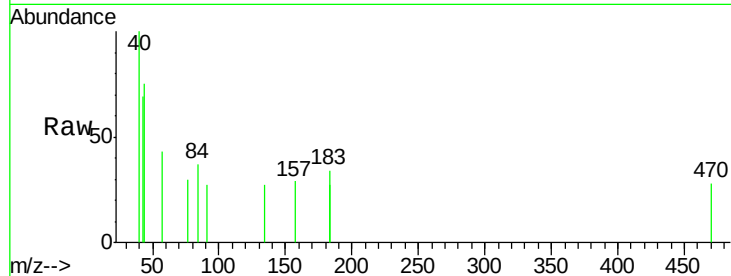




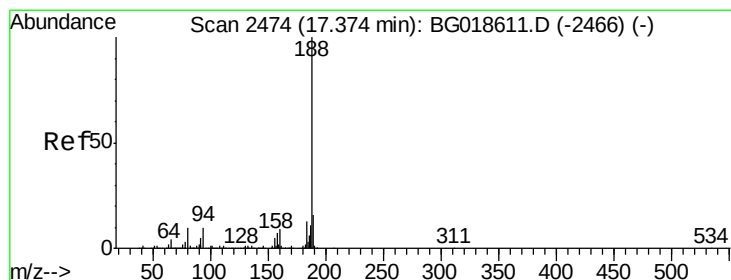
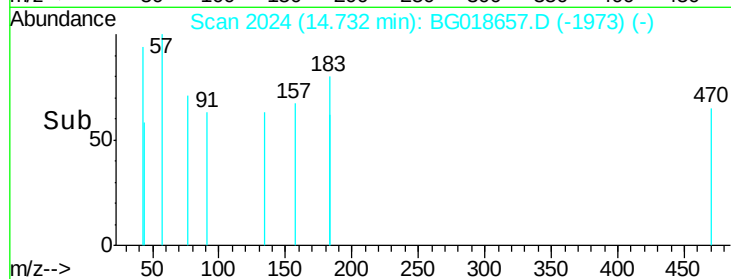
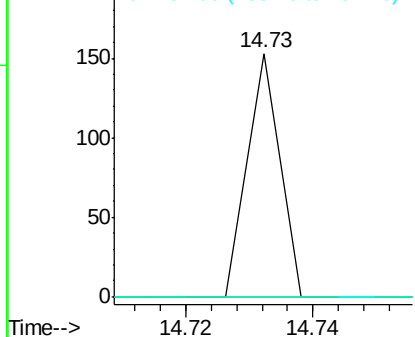
#53
 2,4-Dinitrophenol
 Concen: 7.68 ng
 RT: 14.73 min Scan# 2024
 Delta R.T. -0.00 min
 Lab File: BG018657.D
 Acq: 12 Sep 2015 2:25

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

Tot Ion	Ratio	Lower	Upper
184	100		
63	0.0	42.7	64.1#
154	0.0	44.3	66.5#

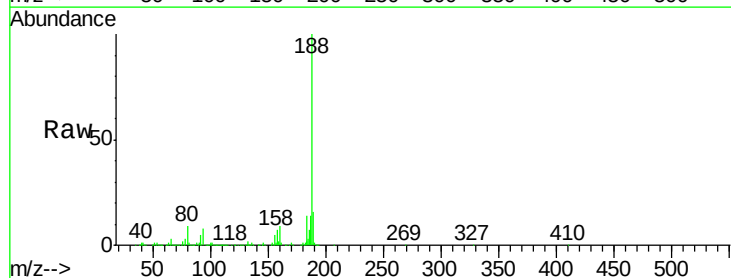


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

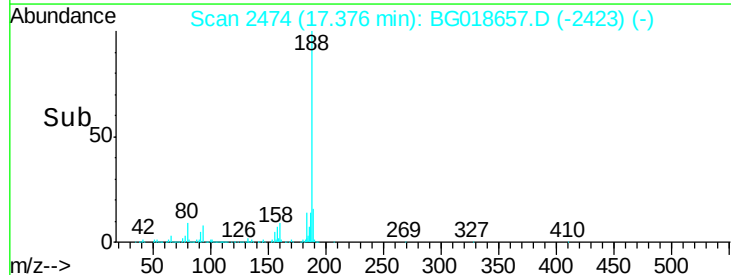
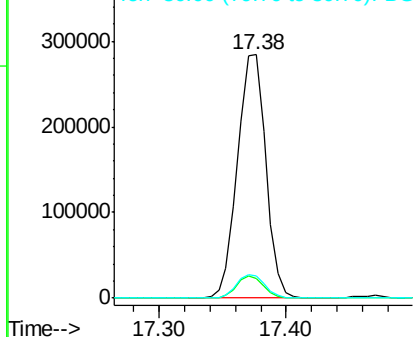


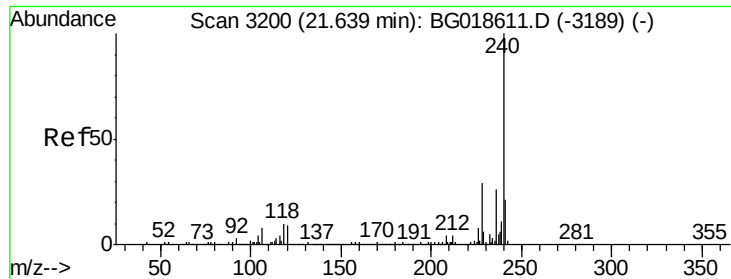
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.38 min Scan# 2474
 Delta R.T. 0.00 min
 Lab File: BG018657.D
 Acq: 12 Sep 2015 2:25

Tgt Ion	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): BG
 Ion 80.00 (79.70 to 80.70): BG





#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 :

BNA_G

ClientSampleId :

SB-14(7-9.5)

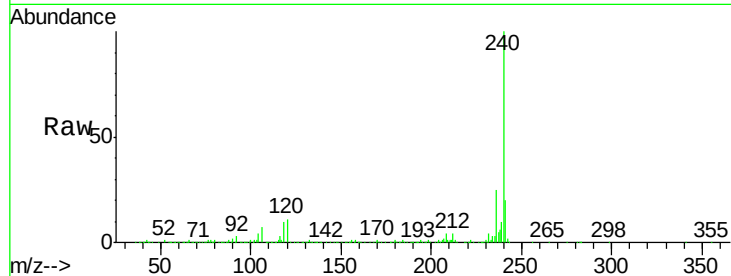
Tot Ion:240 Resp: 490824

Ion Ratio Lower Upper

240 100

120 10.5 7.4 11.0

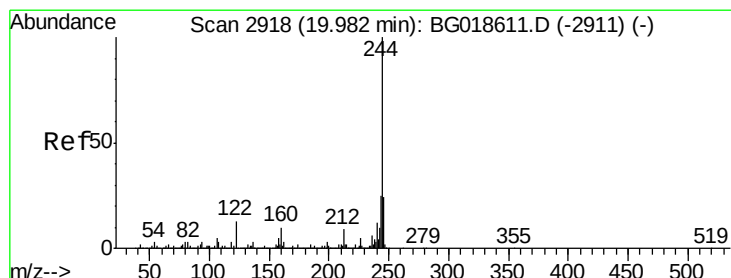
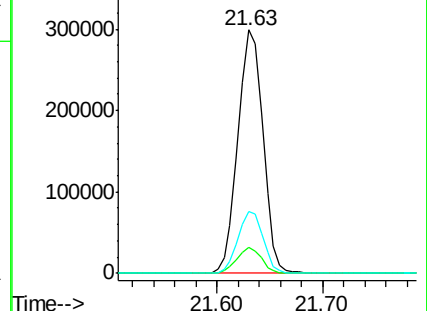
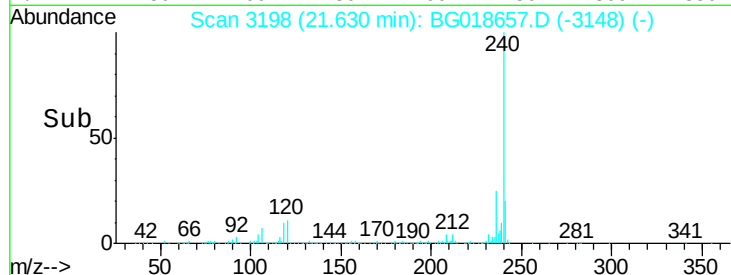
236 25.4 20.7 31.1



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: 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

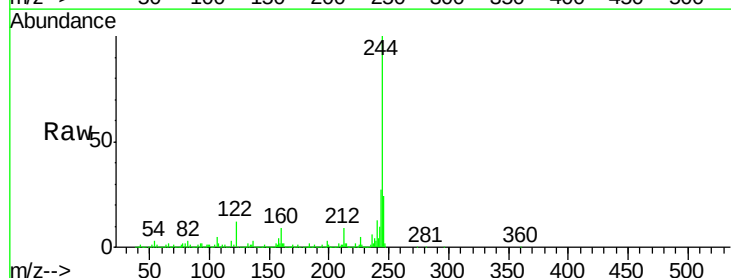
Tgt Ion:244 Resp: 1549752

Ion Ratio Lower Upper

244 100

212 8.5 6.9 10.3

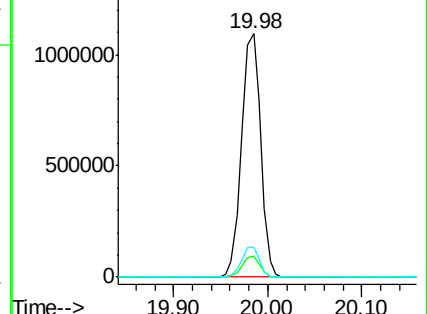
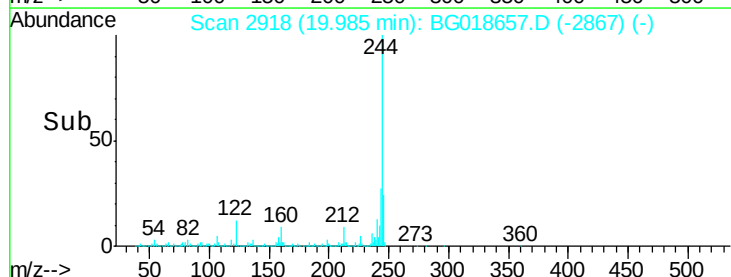
122 12.0 10.2 15.2

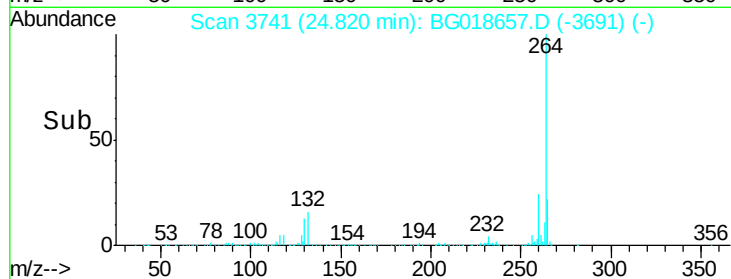
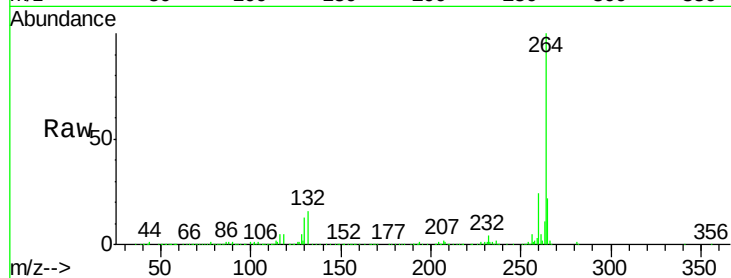
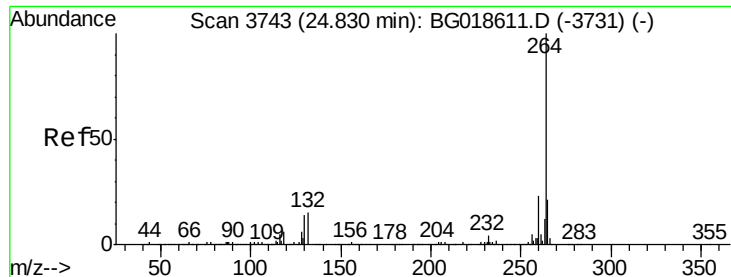


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-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)

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

