

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062218\
 Data File : BG035358.D
 Acq On : 23 Jun 2018 8:23
 Operator : JU/SJ
 Sample : J3587-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 061818-TIPC-F-D-S

Quant Time: Jun 25 06:50:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

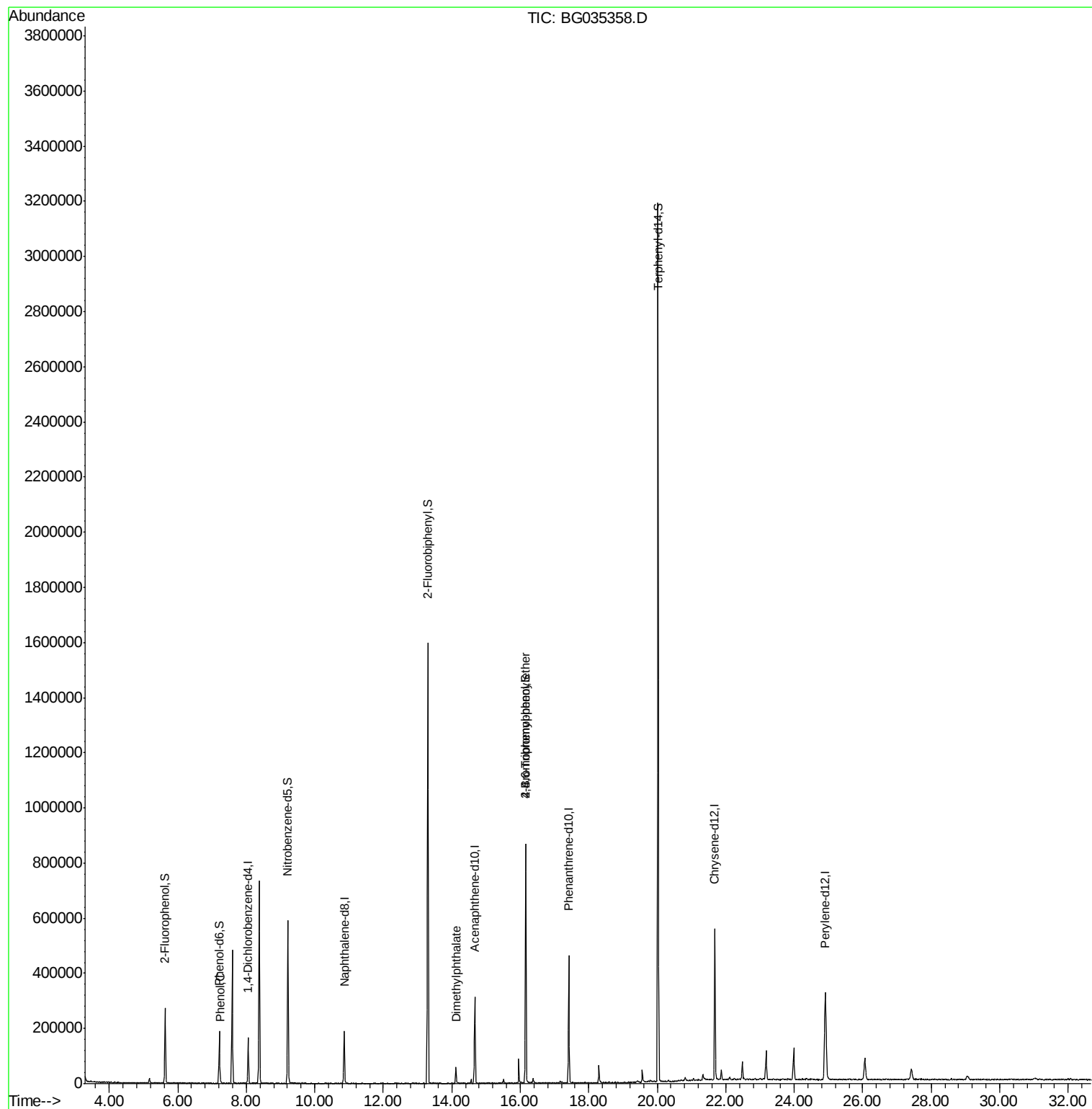
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	46604	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	159135	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	109814	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	295420	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	349140	20.00	ng	-0.04
86) Perylene-d12	24.90	264	335196	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	120315	43.57	ng	-0.01
7) Phenol-d6	7.21	99	122722	30.11	ng	-0.01
23) Nitrobenzene-d5	9.21	82	387351	115.70	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	161097	114.60	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	888758	105.21	ng	-0.03
78) Terphenyl-d14	20.02	244	1525126	91.50	ng	-0.02
Target Compounds						
10) Phenol	7.23	94	10082	2.390	ng	95
49) Dimethylphthalate	14.12	163	39067	4.080	ng	99
66) 4-Bromophenyl-phenylether	16.16	248	13685	3.847	ng	# 1

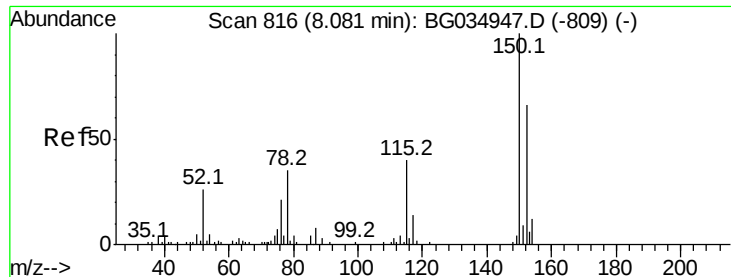
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062218\
Data File : BG035358.D
Acq On : 23 Jun 2018 8:23
Operator : JU/SJ
Sample : J3587-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
061818-TIPC-F-D-S

Quant Time: Jun 25 06:50:26 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 08 17:16:28 2018
Response via : Initial Calibration



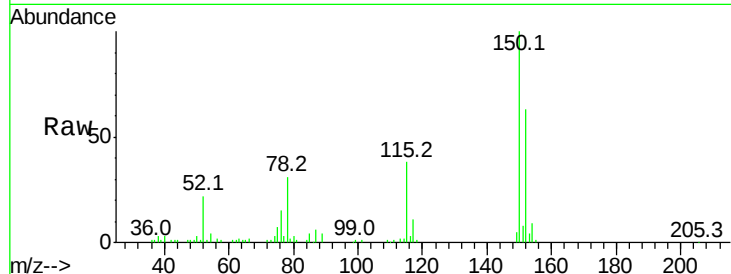


#1

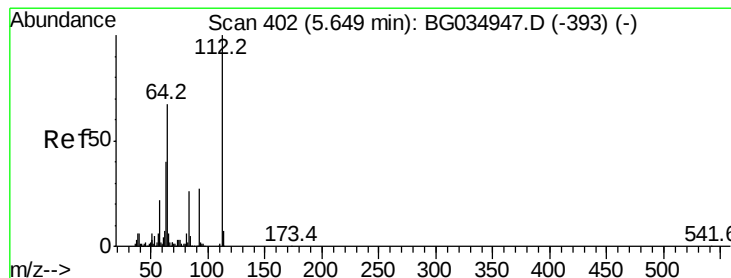
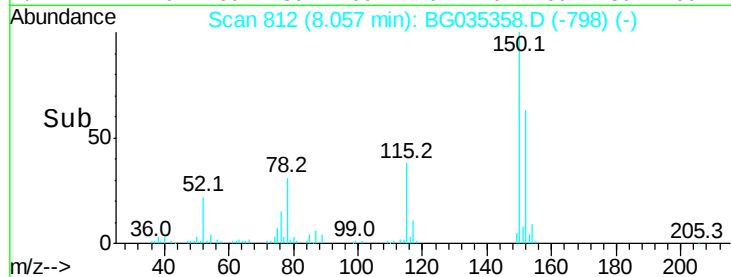
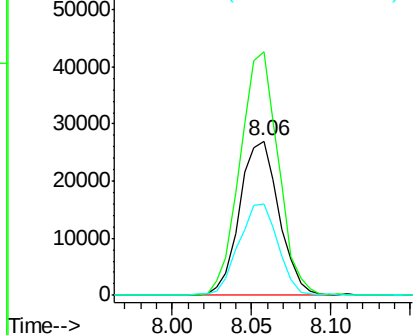
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035358.D
Acq: 23 Jun 2018 8:23

Instrument :
BNA_G
ClientSampleId :
061818-TIPC-F-D-S

Tot Ion:152 Resp: 46604
Ion Ratio Lower Upper
152 100
150 157.9 126.6 189.8
115 59.6 53.0 79.4



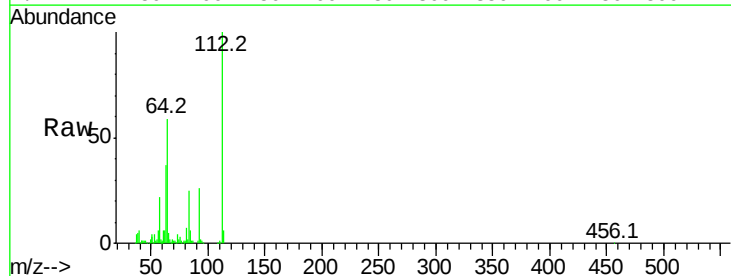
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



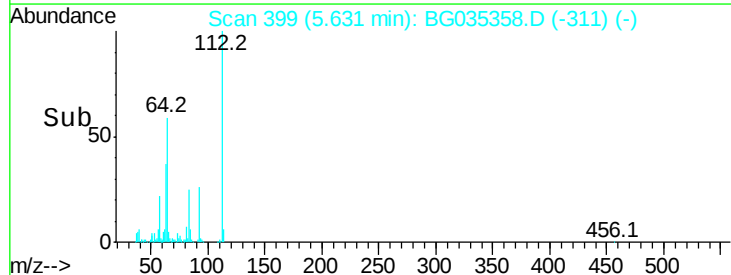
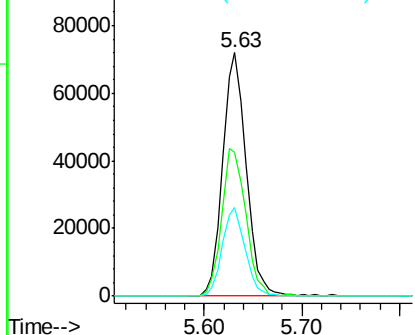
#5

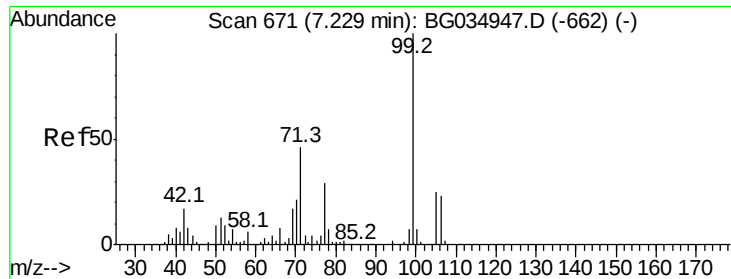
2-Fluorophenol
Concen: 43.568 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035358.D
Acq: 23 Jun 2018 8:23

Tgt Ion:112 Resp: 120315
Ion Ratio Lower Upper
112 100
64 59.2 56.3 84.5
63 36.7 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 30.109 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035358.D

Acq: 23 Jun 2018 8:23

Instrument :

BNA_G

ClientSampleId :

061818-TIPC-F-D-S

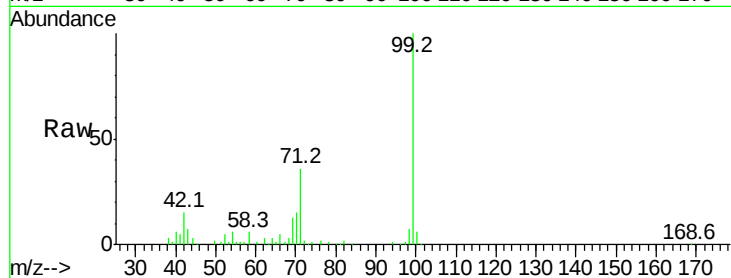
Tot Ion: 99 Resp: 122722

Ion Ratio Lower Upper

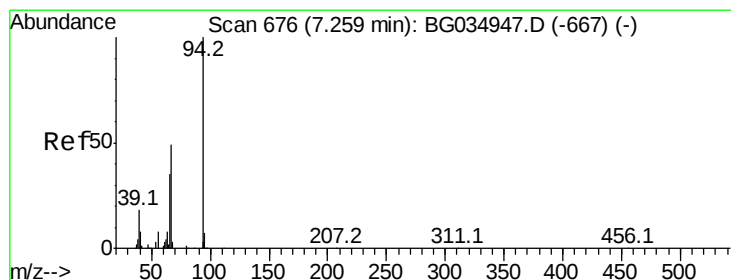
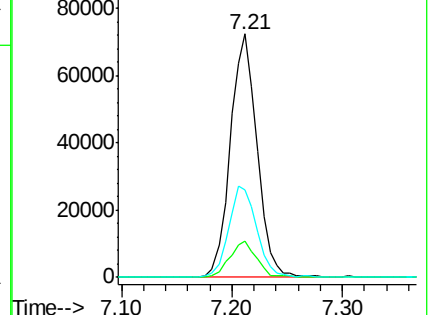
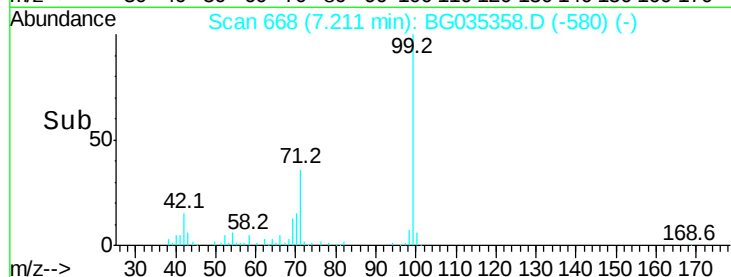
99 100

42 14.8 14.1 21.1

71 35.9 26.1 39.1



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



#10

Phenol

Concen: 2.390 ng

RT: 7.23 min Scan# 672

Delta R.T. -0.02 min

Lab File: BG035358.D

Acq: 23 Jun 2018 8:23

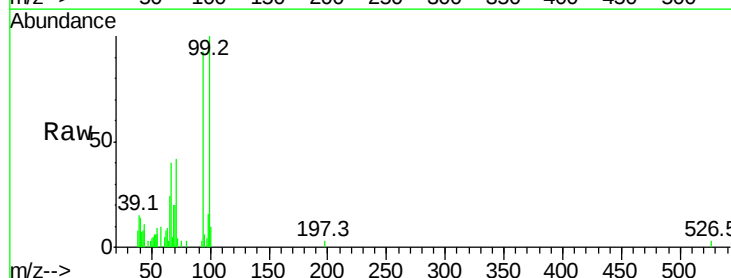
Tgt Ion: 94 Resp: 10082

Ion Ratio Lower Upper

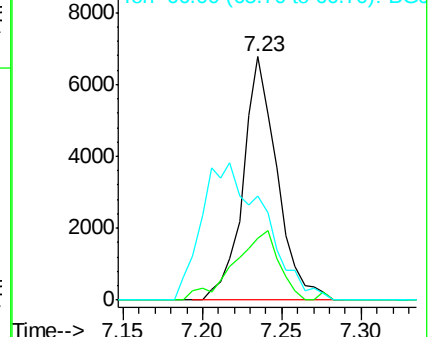
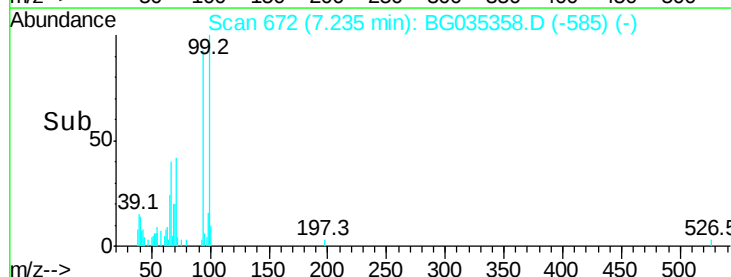
94 100

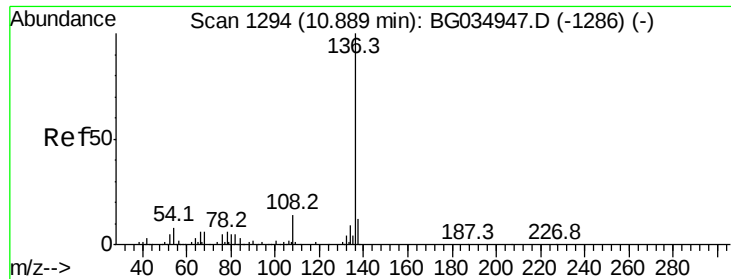
65 25.3 11.9 51.9

66 42.6 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

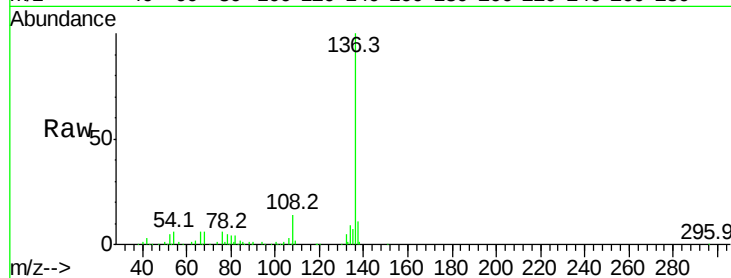




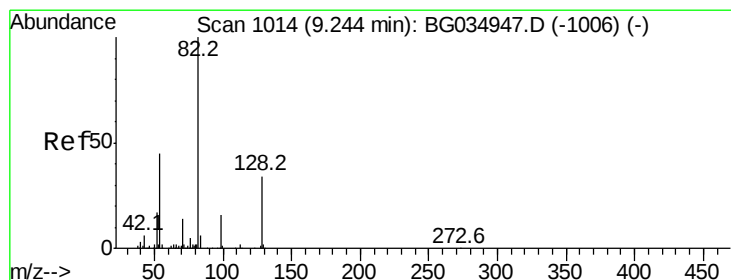
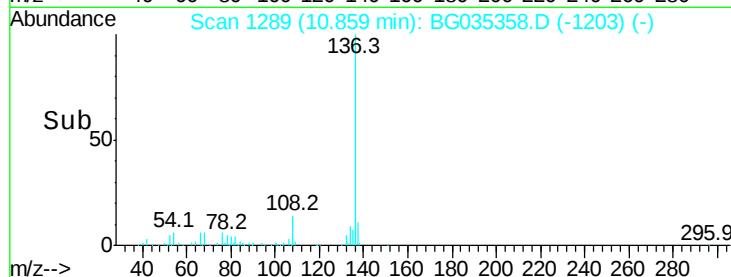
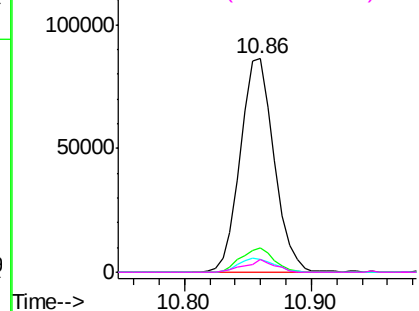
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BG035358.D
Acq: 23 Jun 2018 8:23

Instrument :
BNA_G
ClientSampleId :
061818-TIPC-F-D-S

Tot Ion:136	Resp:	159135
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.2 13.8
54	6.1	10.3 15.5#
68	5.8	4.5 6.7

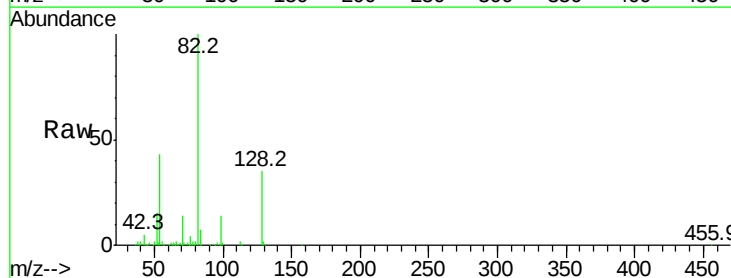


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

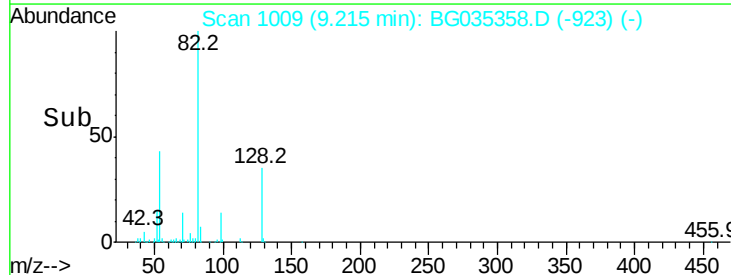
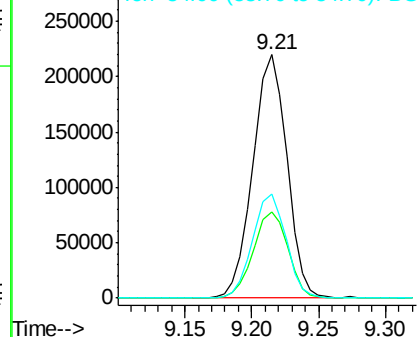


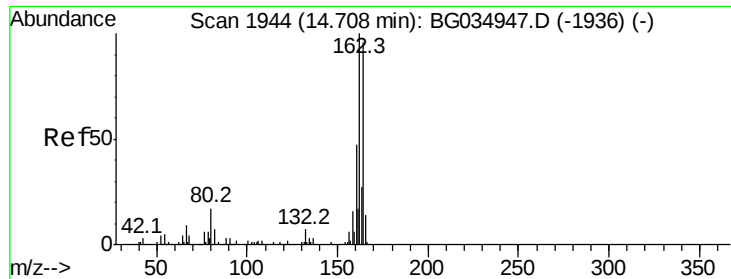
#23
Nitrobenzene-d5
Concen: 115.703 ng
RT: 9.21 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BG035358.D
Acq: 23 Jun 2018 8:23

Tgt Ion: 82	Resp:	387351
Ion Ratio	Lower	Upper
82	100	
128	35.3	29.7 44.5
54	42.9	43.1 64.7#



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.02 min

Lab File: BG035358.D

Acq: 23 Jun 2018 8:23

Instrument :

BNA_G

ClientSampleId :

061818-TIPC-F-D-S

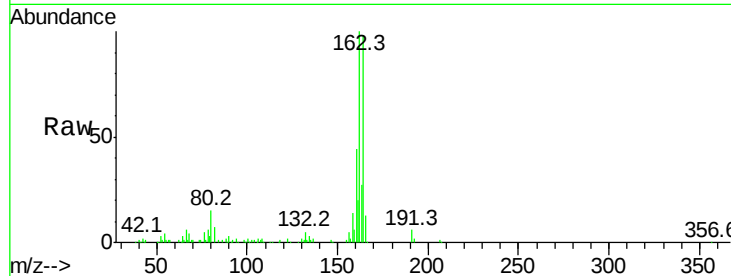
Tot Ion:164 Resp: 109814

Ion Ratio Lower Upper

164 100

162 101.8 78.8 118.2

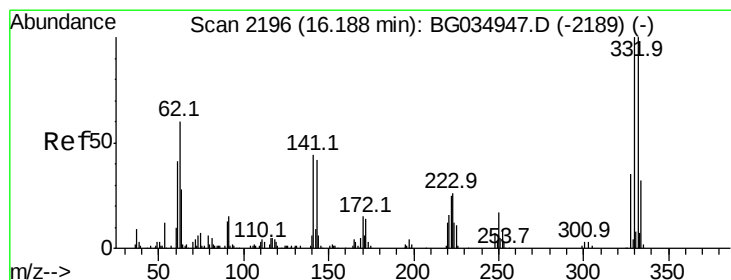
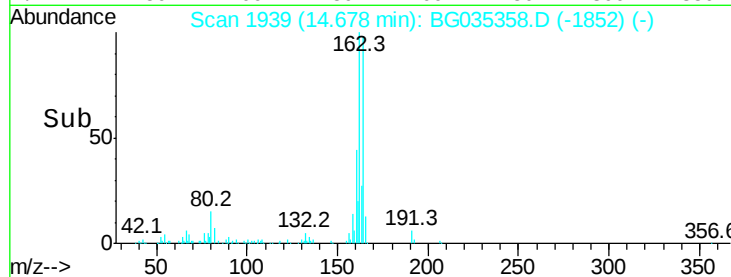
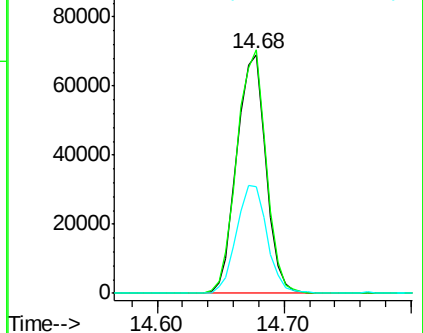
160 44.7 35.4 53.0



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: 114.598 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.02 min

Lab File: BG035358.D

Acq: 23 Jun 2018 8:23

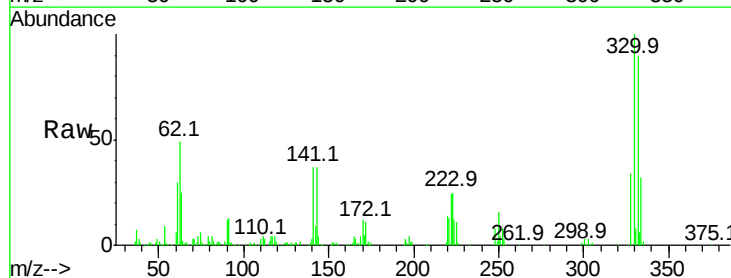
Tgt Ion:330 Resp: 161097

Ion Ratio Lower Upper

330 100

332 96.1 77.0 115.6

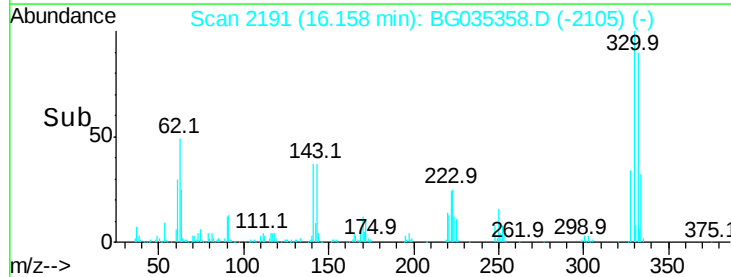
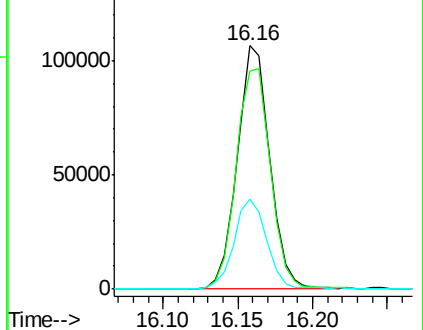
141 37.4 25.2 37.8

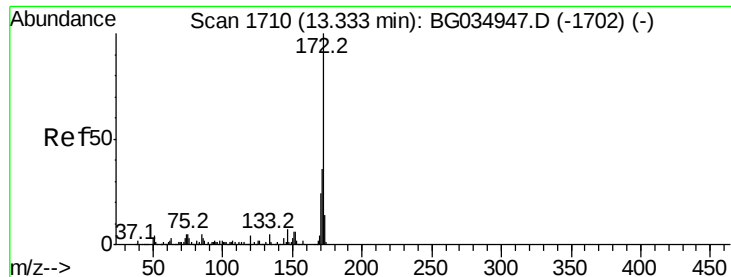


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 105.213 ng

RT: 13.30 min Scan# 1704

Delta R.T. -0.03 min

Lab File: BG035358.D

Acq: 23 Jun 2018 8:23

Instrument :

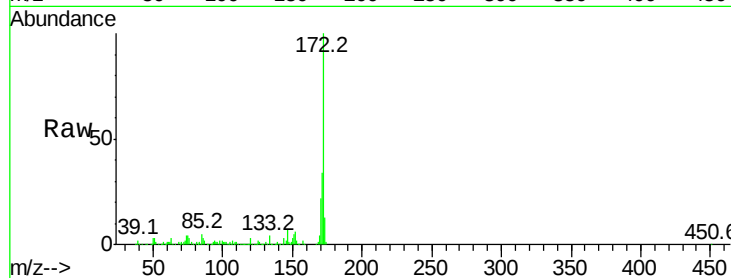
BNA_G

ClientSampleId :

061818-TIPC-F-D-S

Tot Ion:172 Resp: 888758

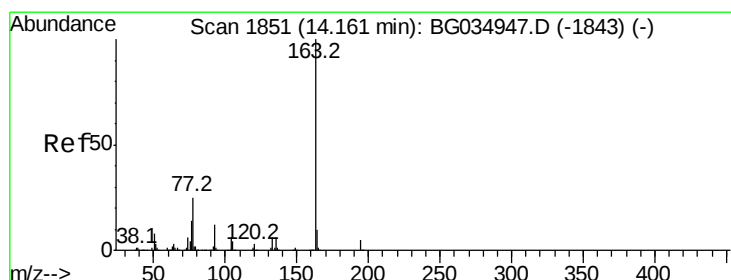
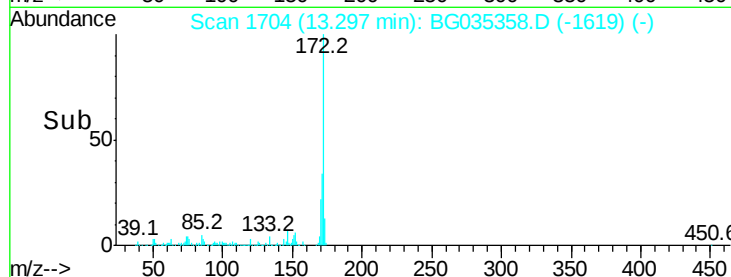
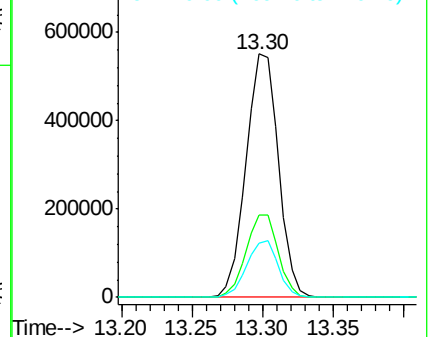
Ion	Ratio	Lower	Upper
172	100		
171	33.8	30.0	45.0
170	22.3	19.5	29.3



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: 4.080 ng

RT: 14.12 min Scan# 1844

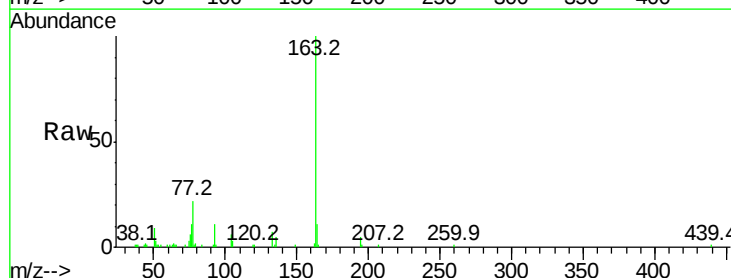
Delta R.T. -0.04 min

Lab File: BG035358.D

Acq: 23 Jun 2018 8:23

Tgt Ion:163 Resp: 39067

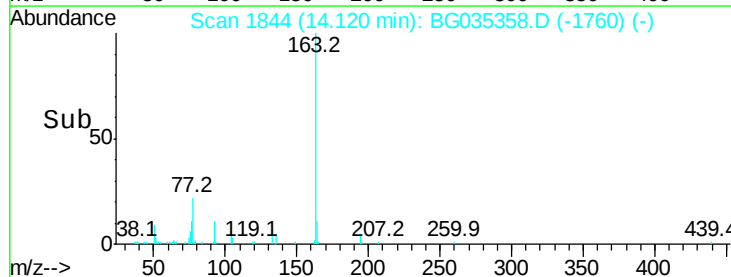
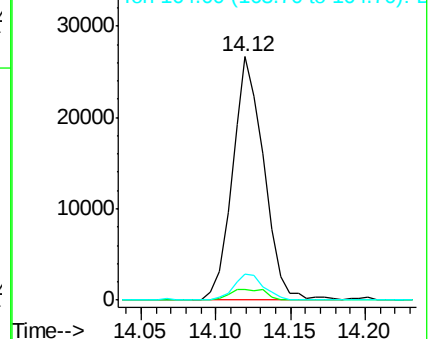
Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.2
164	10.7	8.2	12.4

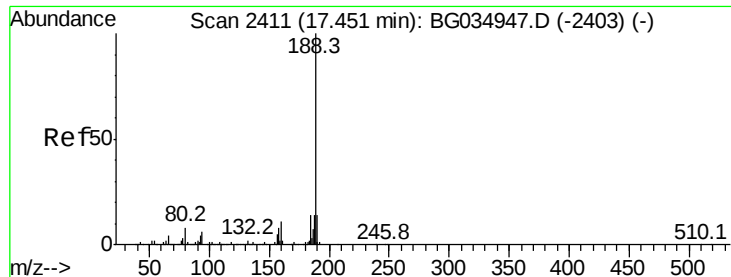


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2405

Delta R.T. -0.02 min

Lab File: BG035358.D

Acq: 23 Jun 2018 8:23

Instrument :

BNA_G

ClientSampleId :

061818-TIPC-F-D-S

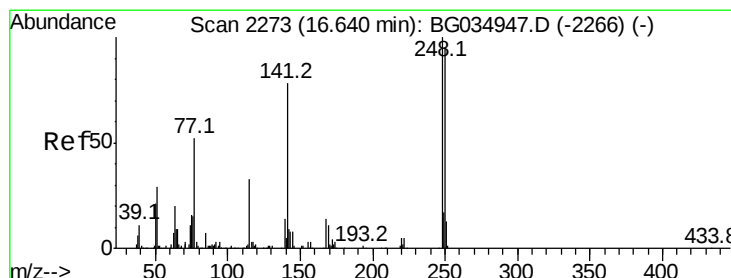
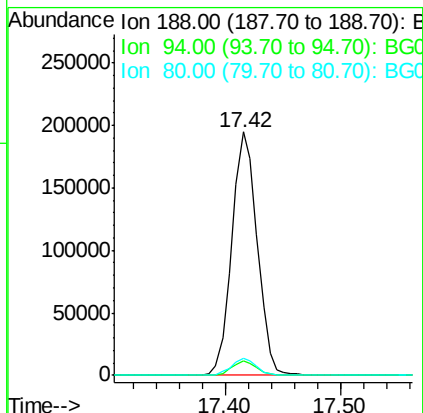
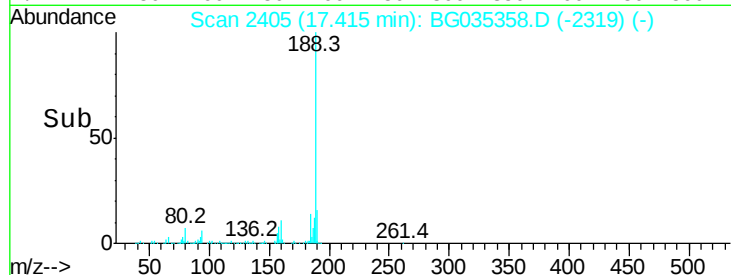
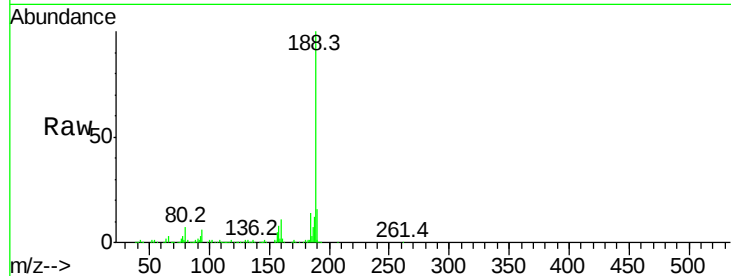
Tot Ion:188 Resp: 295420

Ion Ratio Lower Upper

188 100

94 6.1 6.9 10.3#

80 6.9 7.7 11.5#



#66

4-Bromophenyl-phenylether

Concen: 3.847 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.48 min

Lab File: BG035358.D

Acq: 23 Jun 2018 8:23

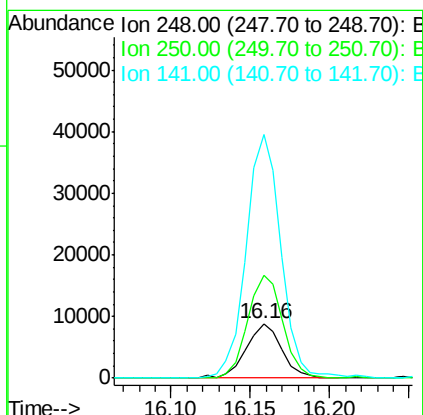
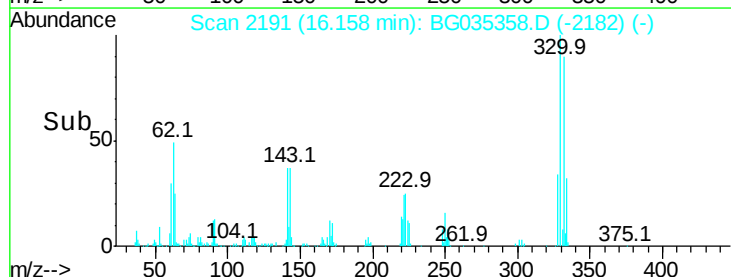
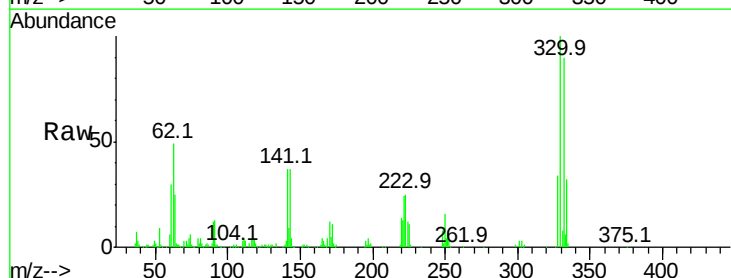
Tgt Ion:248 Resp: 13685

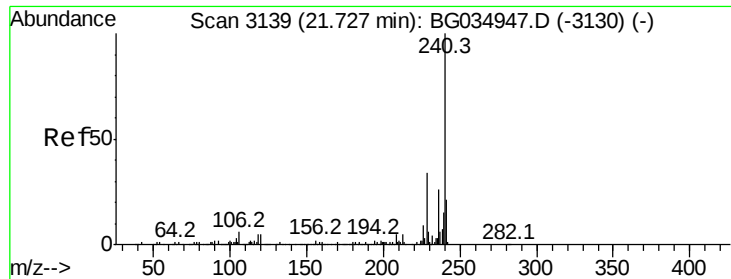
Ion Ratio Lower Upper

248 100

250 186.7 77.1 115.7#

141 444.8 50.8 76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.04 min

Lab File: BG035358.D

Acq: 23 Jun 2018 8:23

Instrument :

BNA_G

ClientSampleId :

061818-TIPC-F-D-S

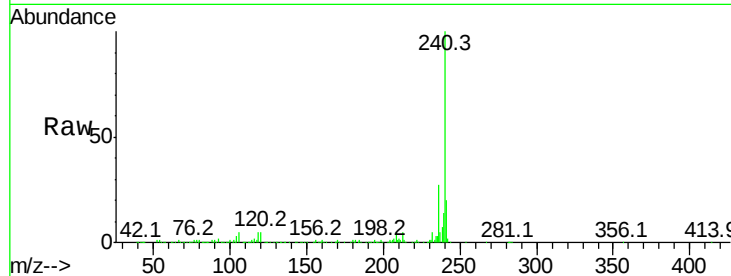
Tot Ion:240 Resp: 349140

Ion Ratio Lower Upper

240 100

120 4.7 6.8 10.2#

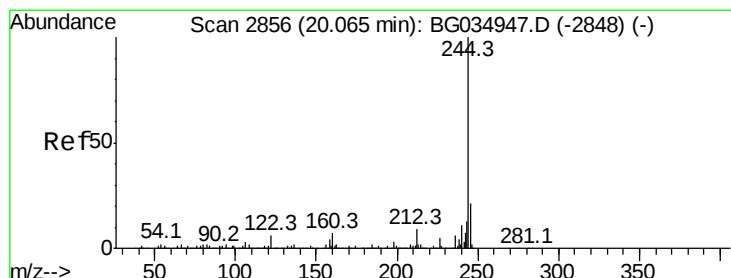
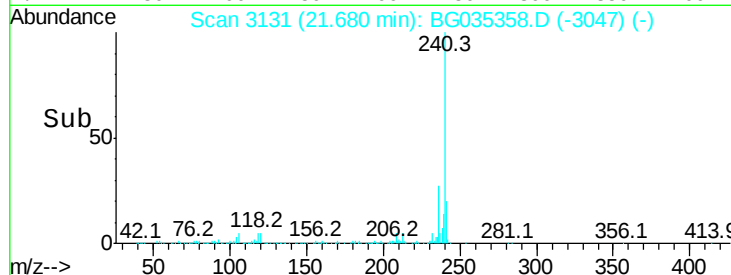
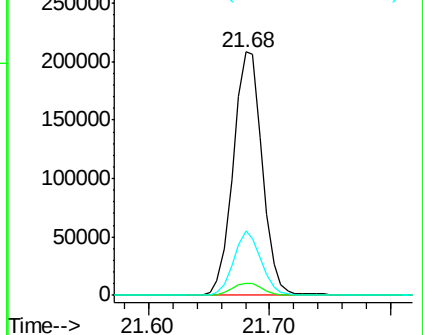
236 26.7 20.9 31.3



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: 91.500 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035358.D

Acq: 23 Jun 2018 8:23

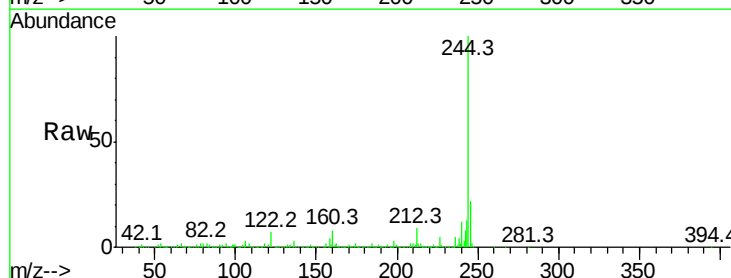
Tgt Ion:244 Resp: 1525126

Ion Ratio Lower Upper

244 100

212 9.4 5.8 8.8#

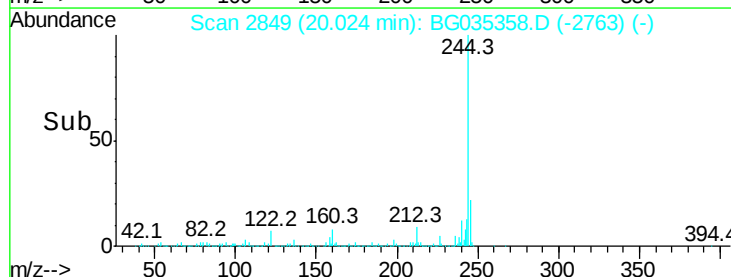
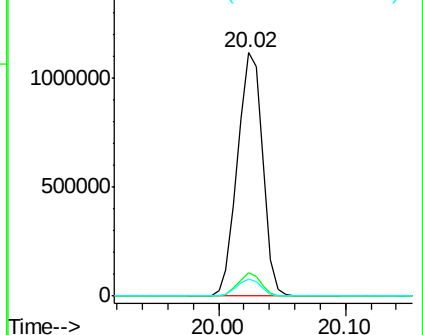
122 7.2 7.0 10.4

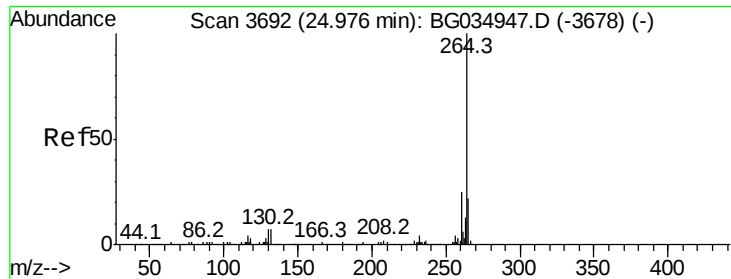


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

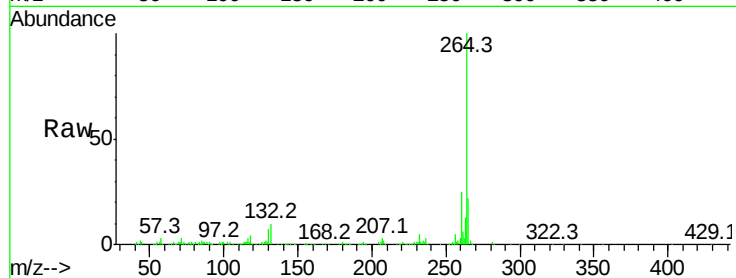




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3679
Delta R.T. -0.05 min
Lab File: BG035358.D
Acq: 23 Jun 2018 8:23

Instrument :
BNA_G
ClientSampleId :
061818-TIPC-F-D-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	17.4	26.0
265	21.7	17.7	26.5



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

