

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070218\
 Data File : BG035559.D
 Acq On : 2 Jul 2018 20:18
 Operator : JU/SJ
 Sample : J3245-24
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-062918-D

Quant Time: Jul 03 05:10:07 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

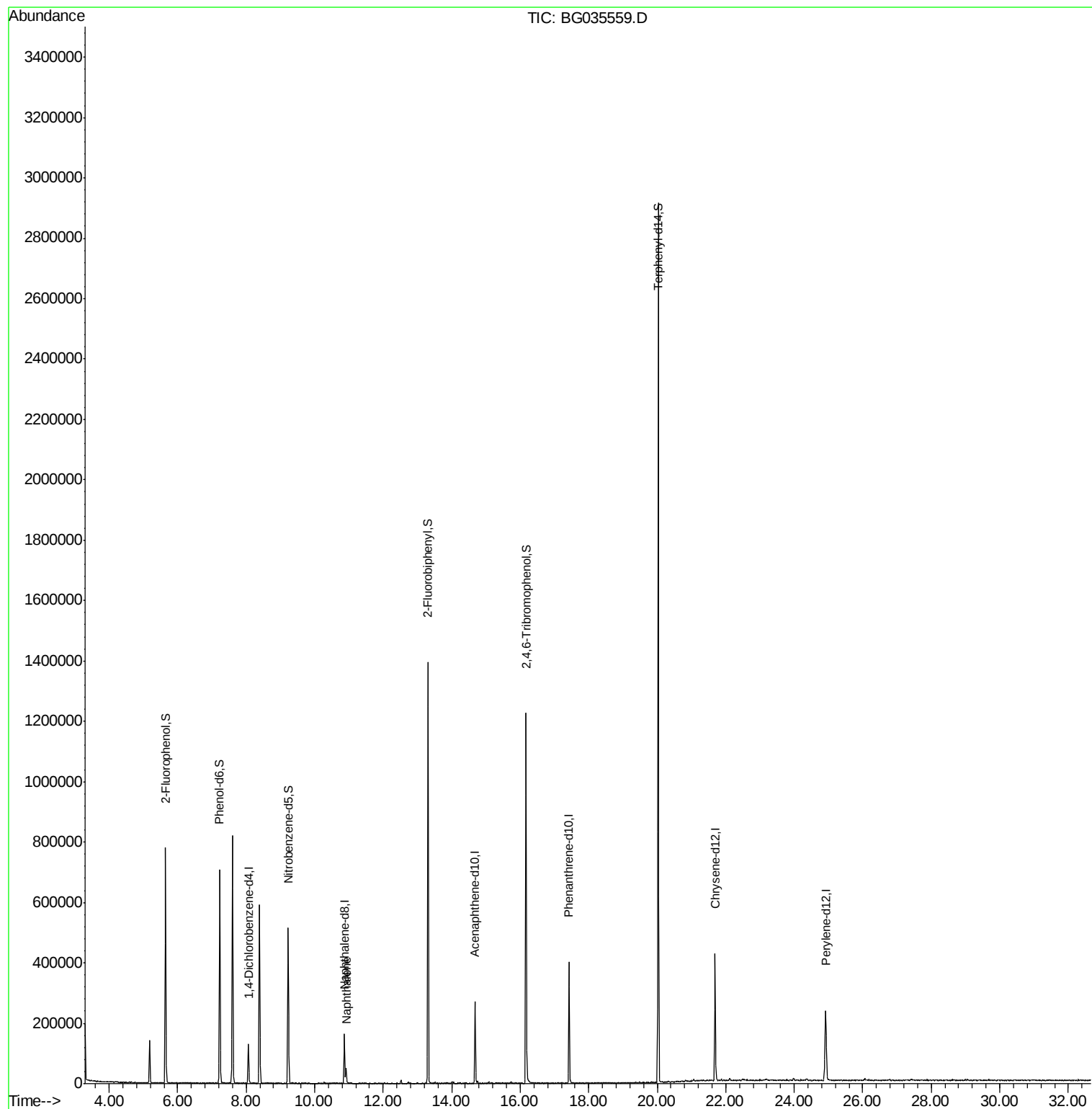
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	38806	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	137959	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	95908	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	255601	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	270902	20.00	ng	-0.03
86) Perylene-d12	24.92	264	259993	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	325700	141.64	ng	0.00
7) Phenol-d6	7.23	99	428434	126.24	ng	0.00
23) Nitrobenzene-d5	9.23	82	340046	117.16	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	233492	190.18	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	754878	102.32	ng	-0.02
78) Terphenyl-d14	20.03	244	1463803	113.18	ng	-0.01
Target Compounds						
31) Naphthalene	10.92	128	41596	5.804	ng	Qvalue # 95

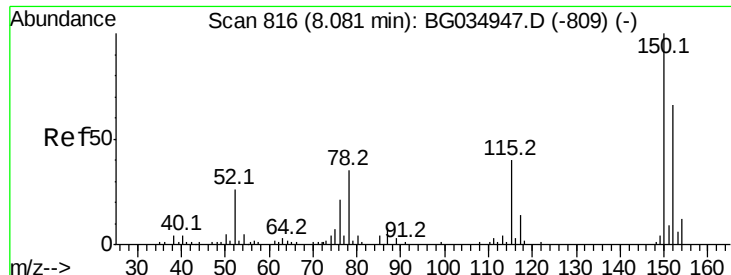
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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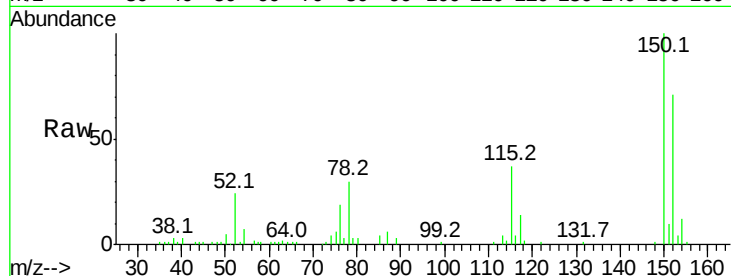


#1

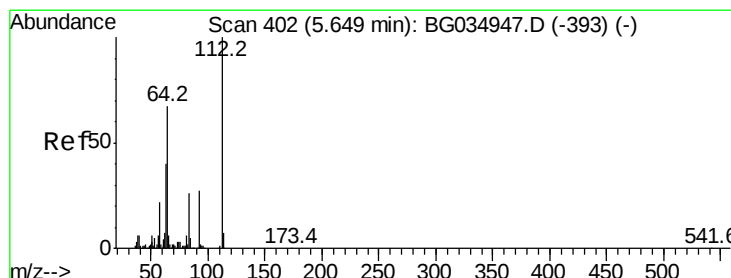
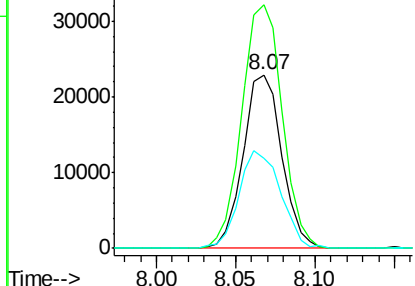
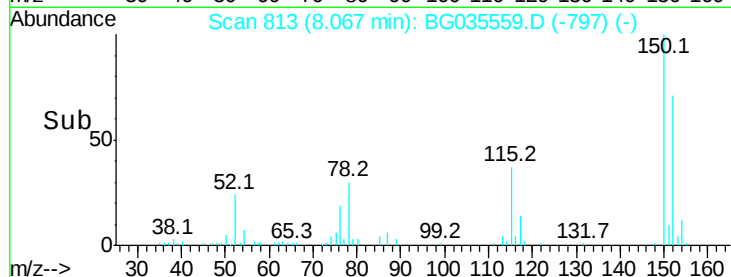
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035559.D
Acq: 2 Jul 2018 20:18

Instrument :
BNA_G
ClientSampleId :
CL-01-062918-D

Tot Ion:152 Resp: 38806
Ion Ratio Lower Upper
152 100
150 140.4 126.6 189.8
115 51.6 53.0 79.4#



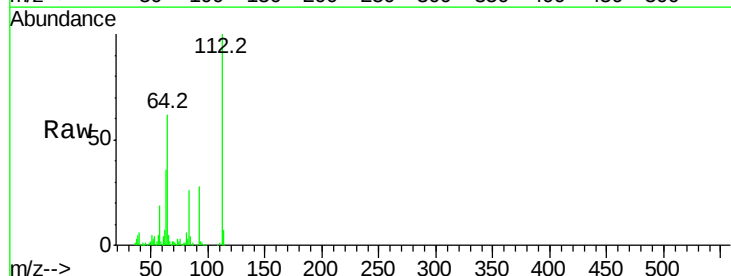
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



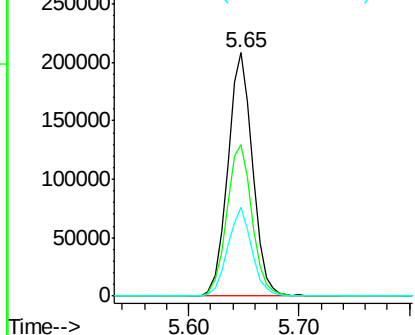
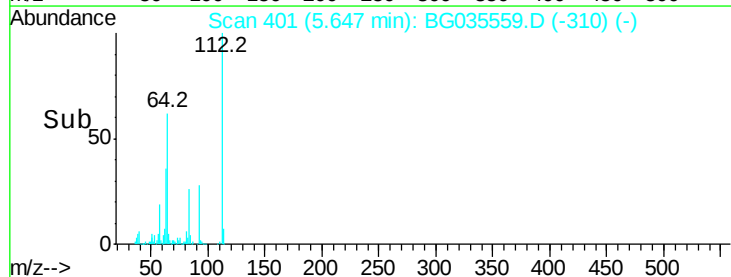
#5

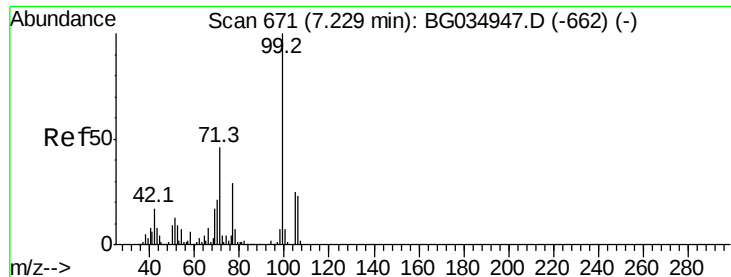
2-Fluorophenol
Concen: 141.641 ng
RT: 5.65 min Scan# 401
Delta R.T. 0.00 min
Lab File: BG035559.D
Acq: 2 Jul 2018 20:18

Tgt Ion:112 Resp: 325700
Ion Ratio Lower Upper
112 100
64 62.0 56.3 84.5
63 36.5 30.1 45.1



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: 126.237 ng

RT: 7.23 min Scan# 670

Delta R.T. 0.00 min

Lab File: BG035559.D

Acq: 2 Jul 2018 20:18

Instrument :

BNA_G

ClientSampleId :

CL-01-062918-D

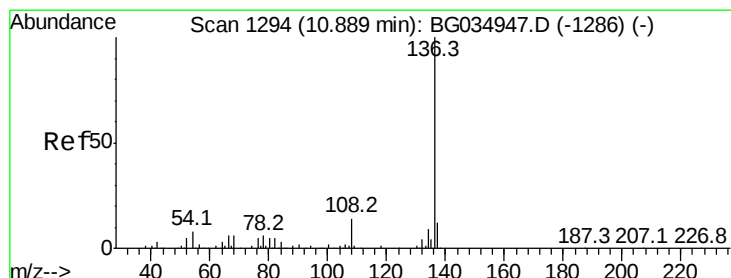
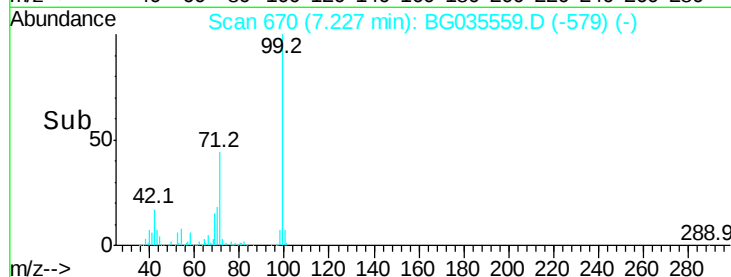
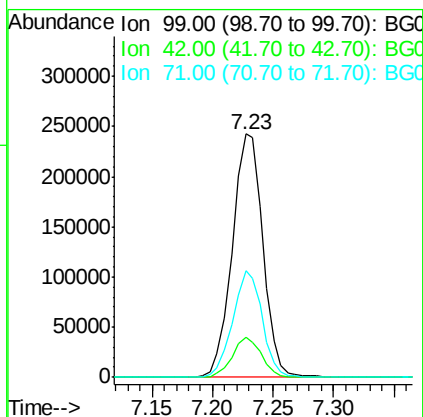
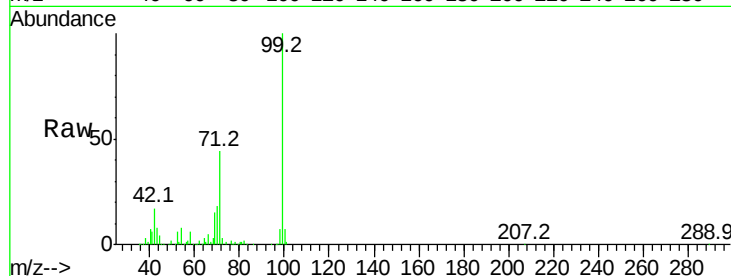
Tot Ion: 99 Resp: 428434

Ion Ratio Lower Upper

99 100

42 16.7 14.1 21.1

71 43.9 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BG035559.D

Acq: 2 Jul 2018 20:18

Tgt Ion: 136 Resp: 137959

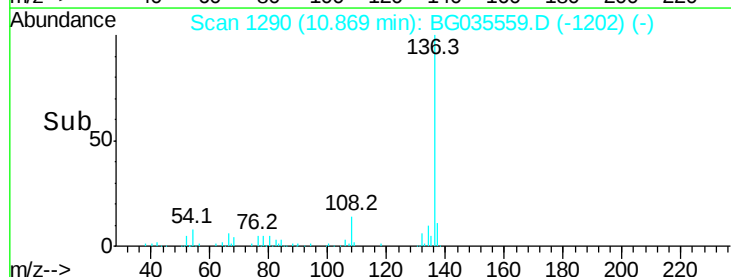
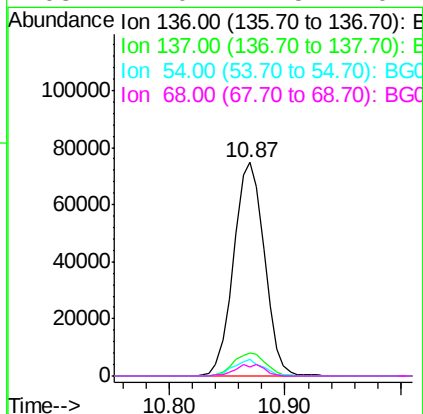
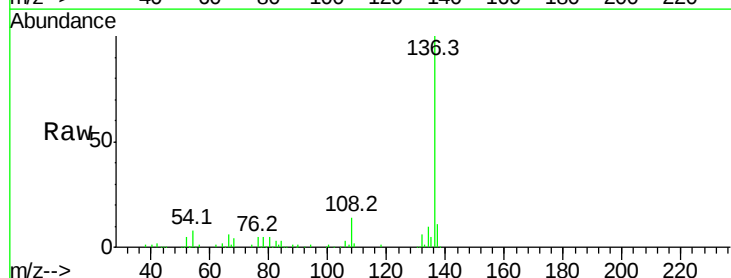
Ion Ratio Lower Upper

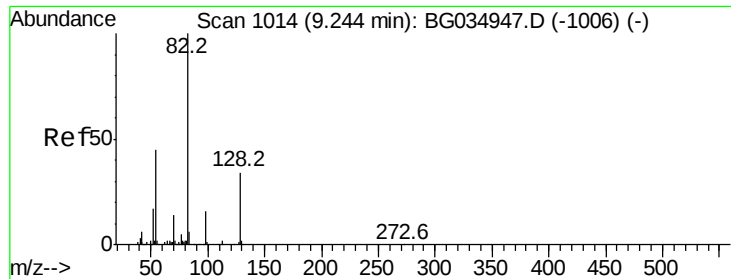
136 100

137 10.8 9.2 13.8

54 8.1 10.3 15.5#

68 4.0 4.5 6.7#





#23

Nitrobenzene-d5

Concen: 117.164 ng

RT: 9.23 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BG035559.D

Acq: 2 Jul 2018 20:18

Instrument :

BNA_G

ClientSampleId :

CL-01-062918-D

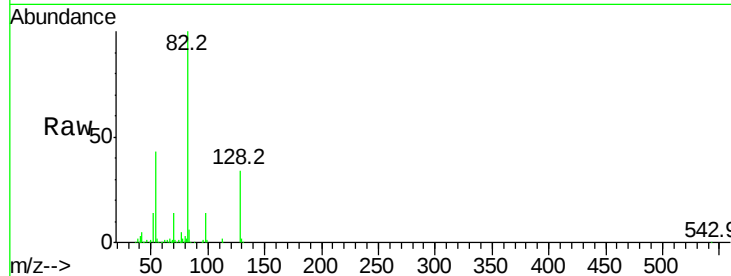
Tot Ion: 82 Resp: 340046

Ion Ratio Lower Upper

82 100

128 34.0 29.7 44.5

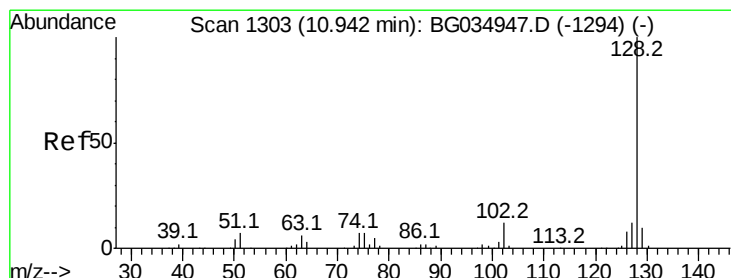
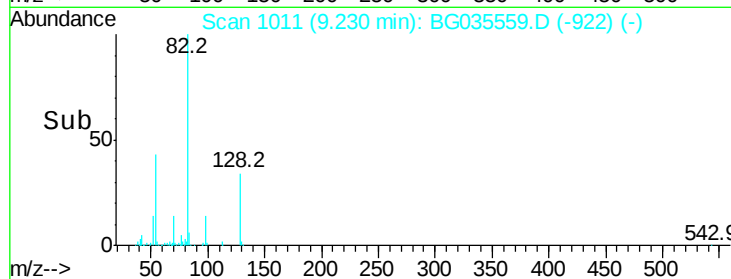
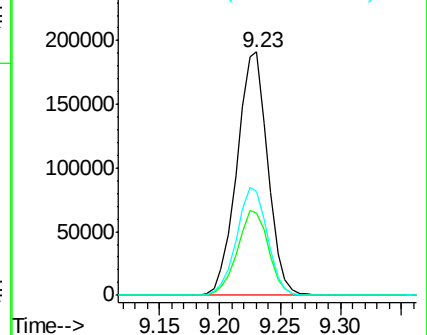
54 42.8 43.1 64.7#



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



#31

Naphthalene

Concen: 5.804 ng

RT: 10.92 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BG035559.D

Acq: 2 Jul 2018 20:18

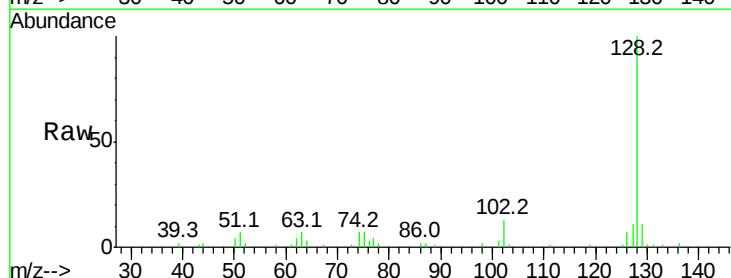
Tgt Ion: 128 Resp: 41596

Ion Ratio Lower Upper

128 100

129 11.1 8.6 12.8

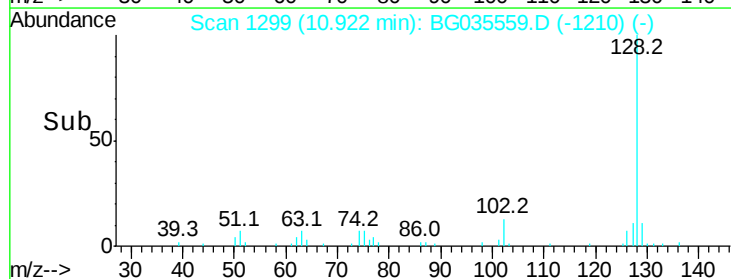
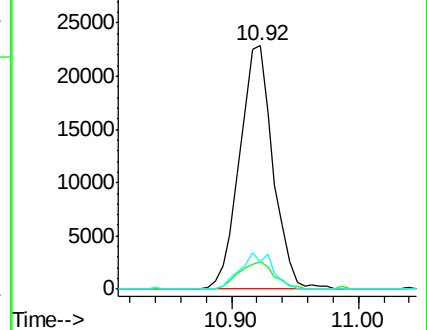
127 11.1 11.6 17.4#

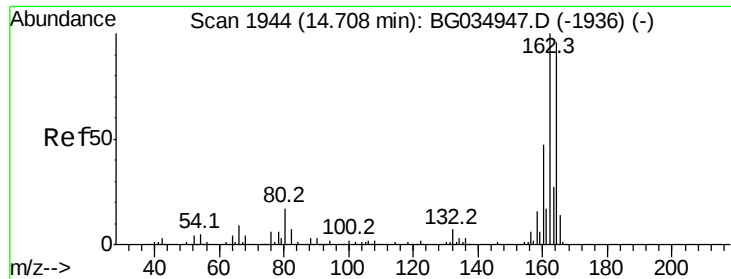


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 129.00 (128.70 to 129.70): BGC

Ion 127.00 (126.70 to 127.70): BGC

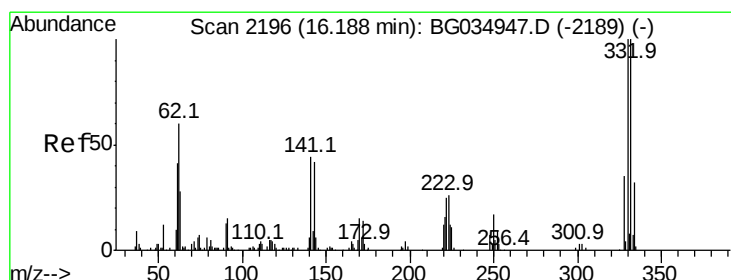
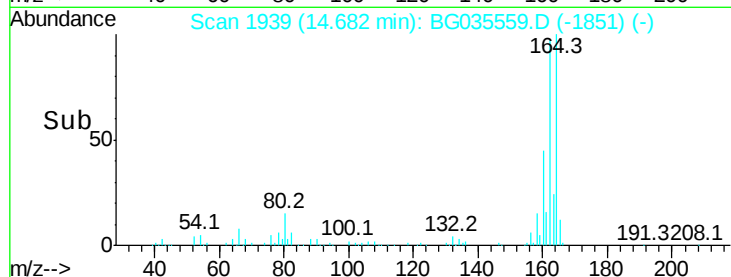
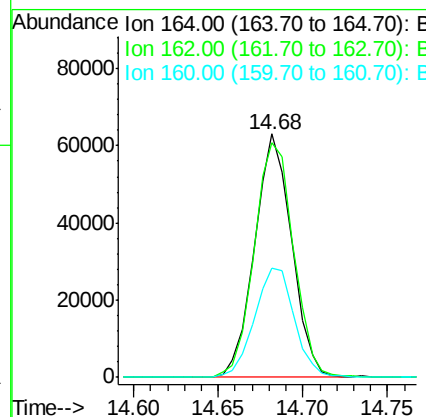
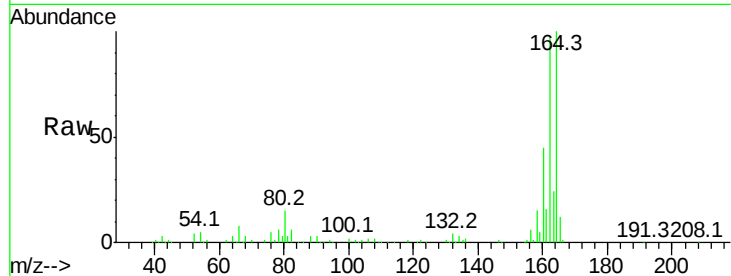




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BG035559.D
Acq: 2 Jul 2018 20:18

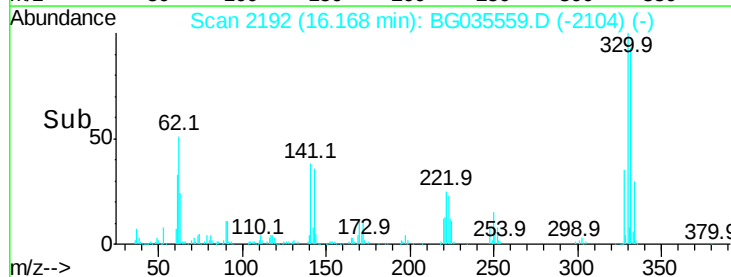
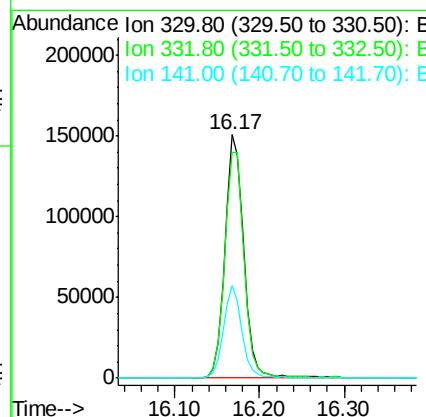
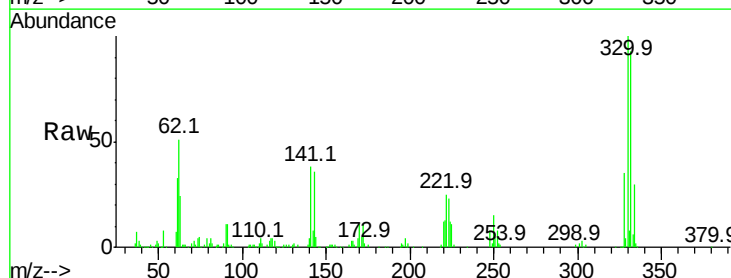
Instrument :
BNA_G
ClientSampleId :
CL-01-062918-D

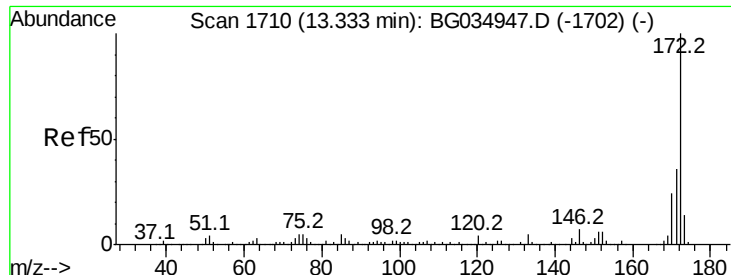
Tot Ion:164 Resp: 95908
Ion Ratio Lower Upper
164 100
162 96.6 78.8 118.2
160 45.1 35.4 53.0



#41
2,4,6-Tribromophenol
Concen: 190.180 ng
RT: 16.17 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BG035559.D
Acq: 2 Jul 2018 20:18

Tgt Ion:330 Resp: 233492
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.6
141 37.4 25.2 37.8

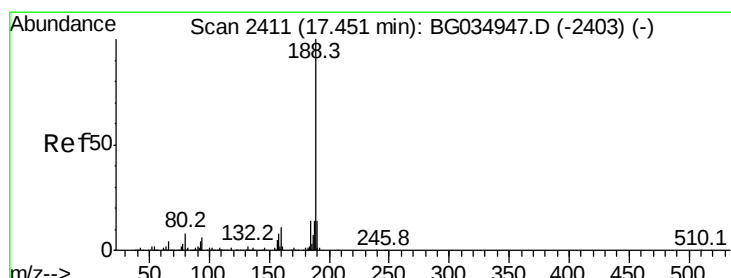
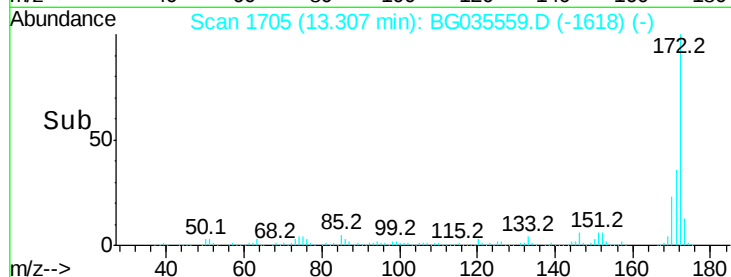
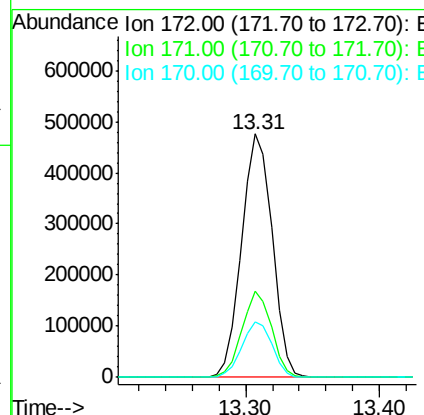
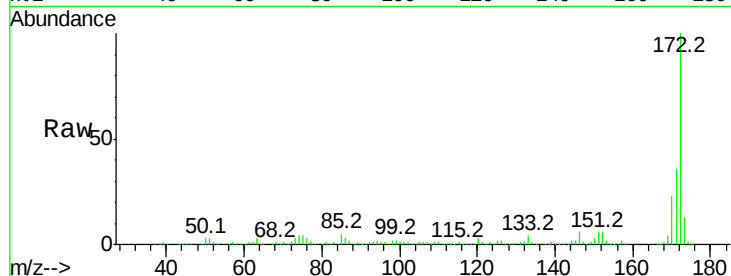




#44
 2-Fluorobiphenyl
 Concen: 102.321 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.02 min
 Lab File: BG035559.D
 Acq: 2 Jul 2018 20:18

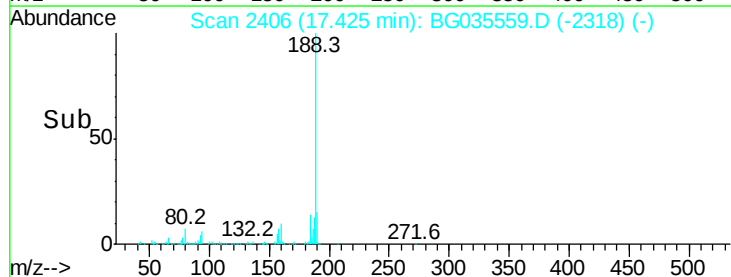
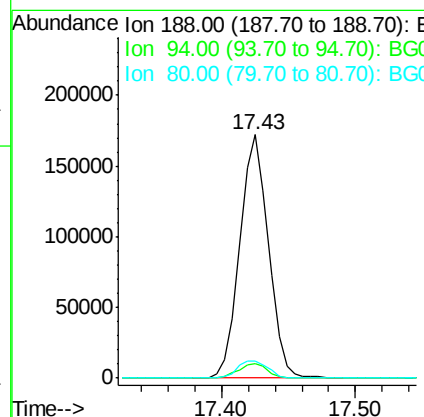
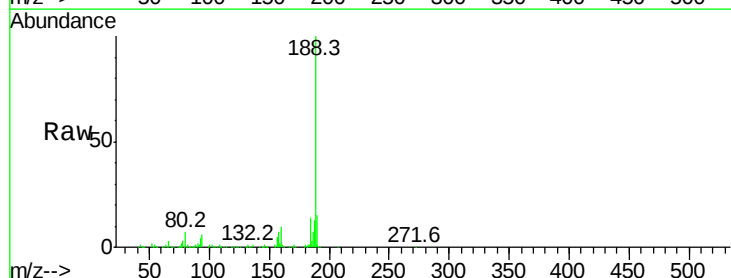
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-062918-D

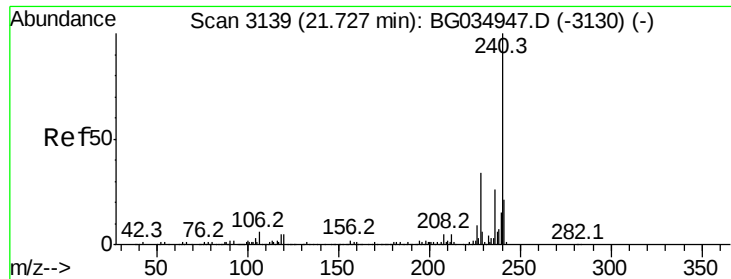
Tot Ion:172 Resp: 754878
 Ion Ratio Lower Upper
 172 100
 171 35.6 30.0 45.0
 170 22.9 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2406
 Delta R.T. -0.01 min
 Lab File: BG035559.D
 Acq: 2 Jul 2018 20:18

Tgt Ion:188 Resp: 255601
 Ion Ratio Lower Upper
 188 100
 94 5.9 6.9 10.3#
 80 7.2 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3132

Delta R.T. -0.03 min

Lab File: BG035559.D

Acq: 2 Jul 2018 20:18

Instrument :

BNA_G

ClientSampleId :

CL-01-062918-D

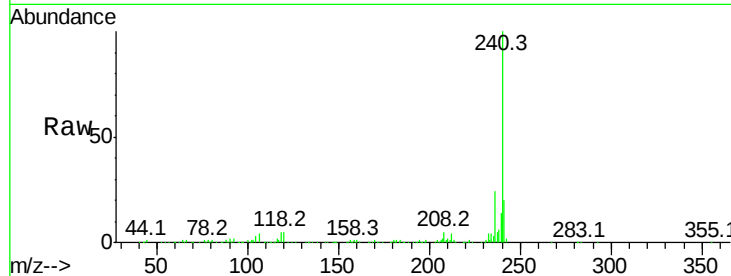
Tot Ion:240 Resp: 270902

Ion Ratio Lower Upper

240 100

120 5.3 6.8 10.2#

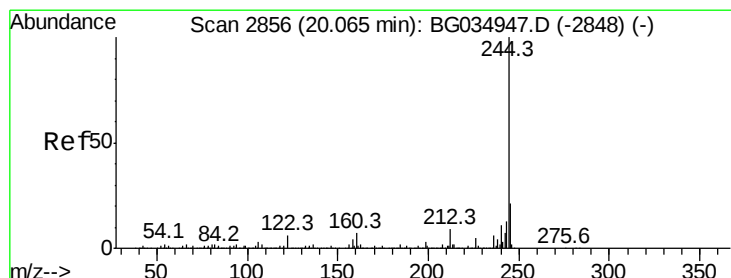
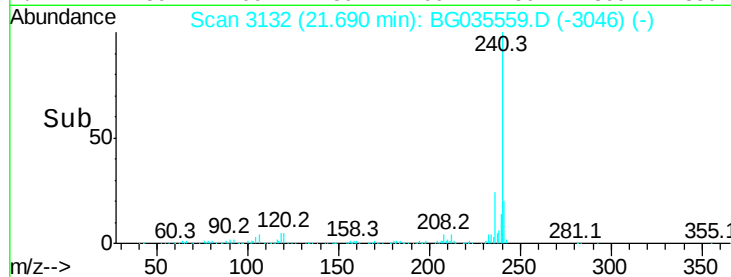
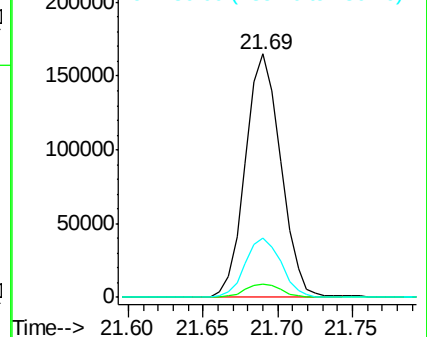
236 24.1 20.9 31.3



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: 113.184 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BG035559.D

Acq: 2 Jul 2018 20:18

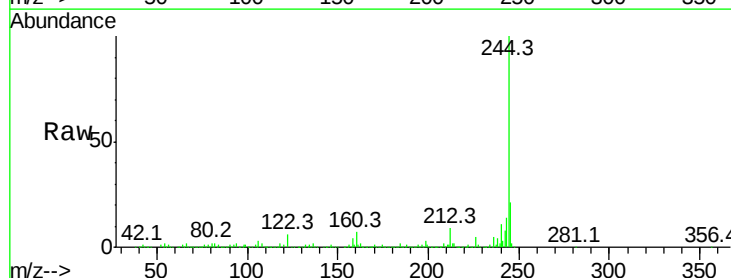
Tgt Ion:244 Resp: 1463803

Ion Ratio Lower Upper

244 100

212 9.3 5.8 8.8#

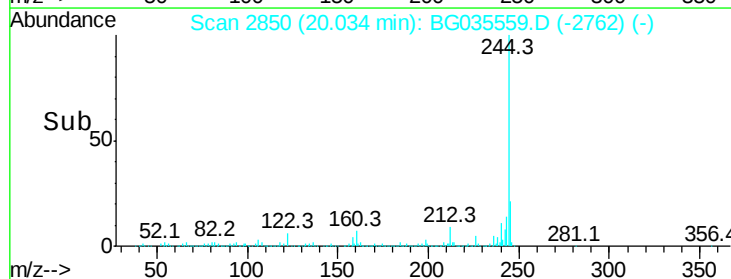
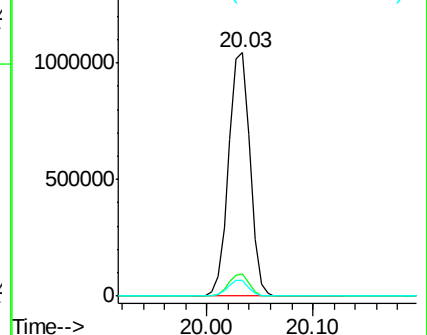
122 6.3 7.0 10.4#

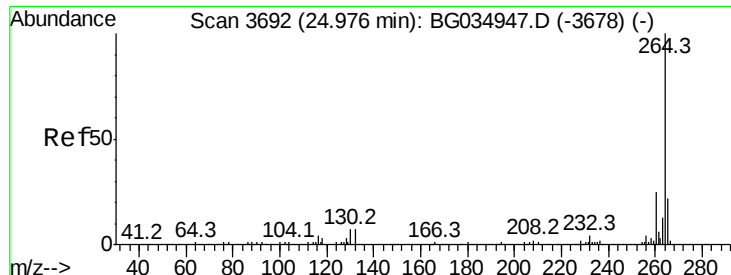


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.92 min Scan# 3682
Delta R.T. -0.03 min
Lab File: BG035559.D
Acq: 2 Jul 2018 20:18

Instrument :
BNA_G
ClientSampleId :
CL-01-062918-D

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.0	17.4	26.0
265	21.5	17.7	26.5

