

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070218\
 Data File : BG035561.D
 Acq On : 2 Jul 2018 21:36
 Operator : JU/SJ
 Sample : J3245-18
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Jul 03 05:16:49 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	34246	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	122942	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	87038	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	241805	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	274289	20.00	ng	-0.03
86) Perylene-d12	24.91	264	249570	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	282990	139.45	ng	0.00
7) Phenol-d6	7.23	99	364040	121.55	ng	0.00
23) Nitrobenzene-d5	9.23	82	292249	113.00	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	204676	183.70	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	667248	99.66	ng	-0.02
78) Terphenyl-d14	20.03	244	1329573	101.54	ng	-0.02

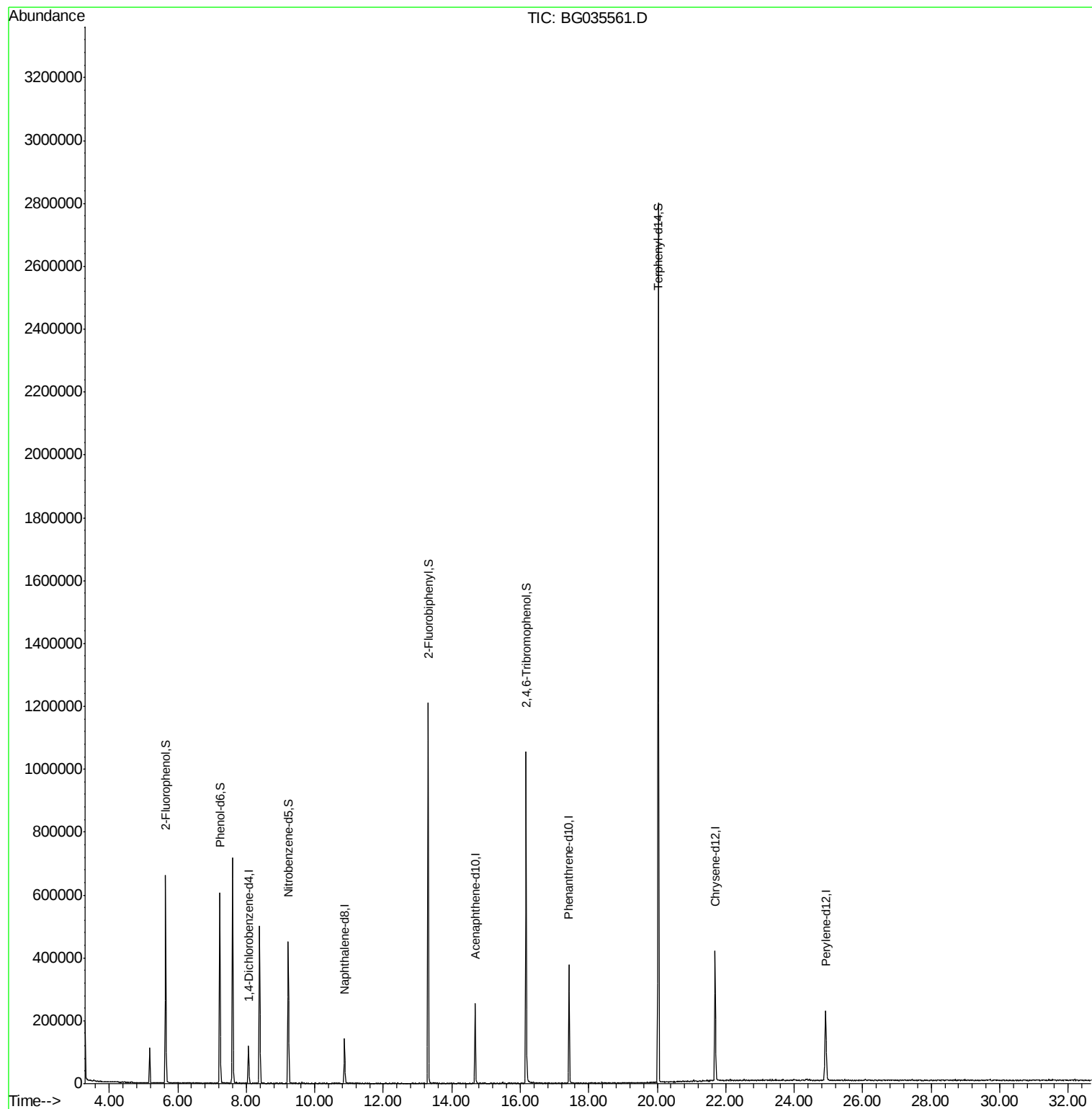
Target Compounds Qvalue

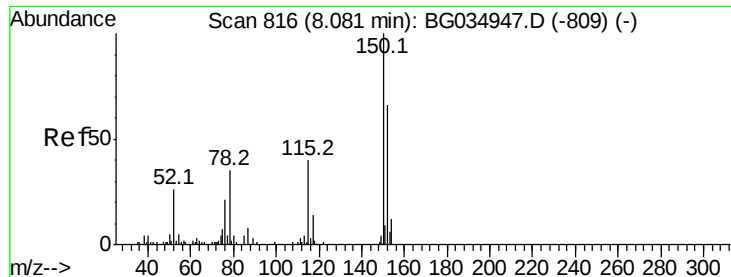
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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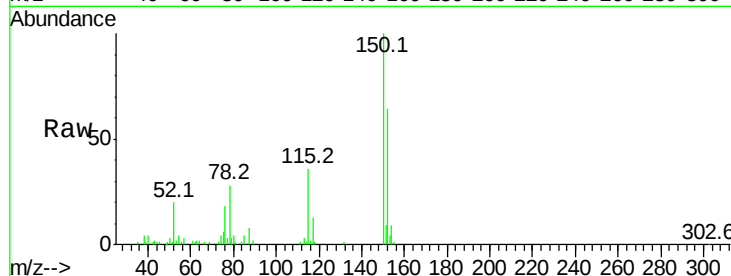


#1

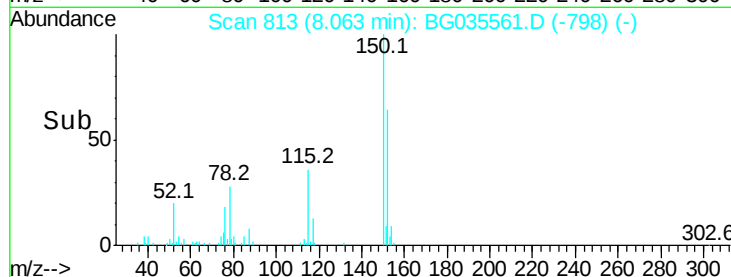
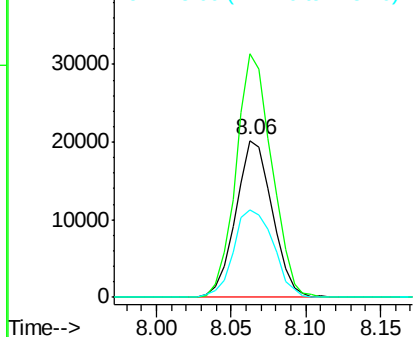
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035561.D
Acq: 2 Jul 2018 21:36

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

Tot Ion:152 Resp: 34246
Ion Ratio Lower Upper
152 100
150 155.3 126.6 189.8
115 55.8 53.0 79.4



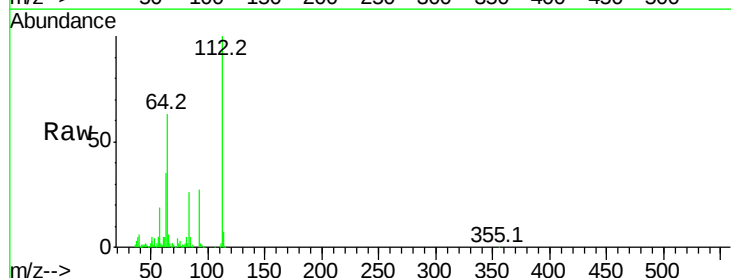
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



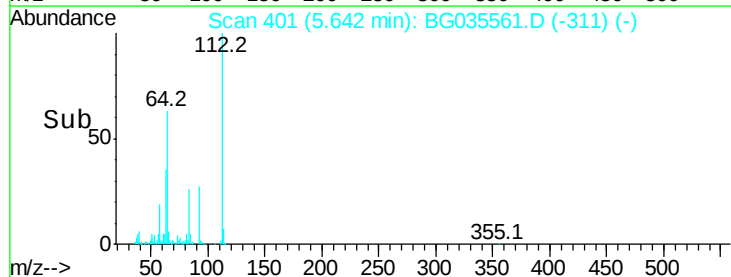
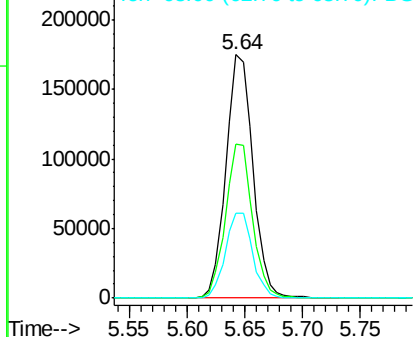
#5

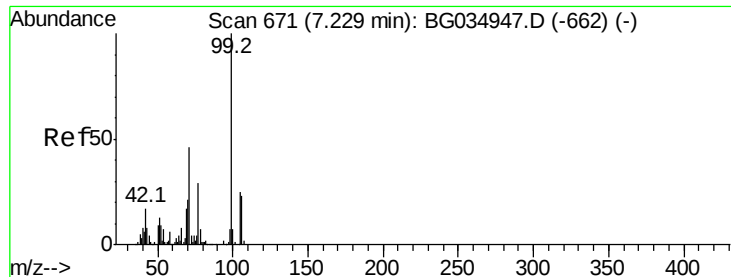
2-Fluorophenol
Concen: 139.455 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG035561.D
Acq: 2 Jul 2018 21:36

Tgt Ion:112 Resp: 282990
Ion Ratio Lower Upper
112 100
64 63.2 56.3 84.5
63 34.8 30.1 45.1



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: 121.546 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG035561.D

Acq: 2 Jul 2018 21:36

Instrument :

BNA_G

ClientSampleId :

CL-01-062918-A

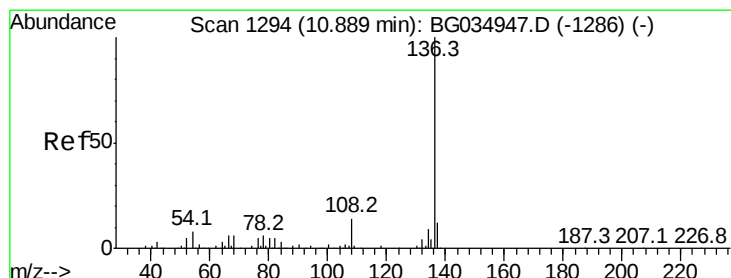
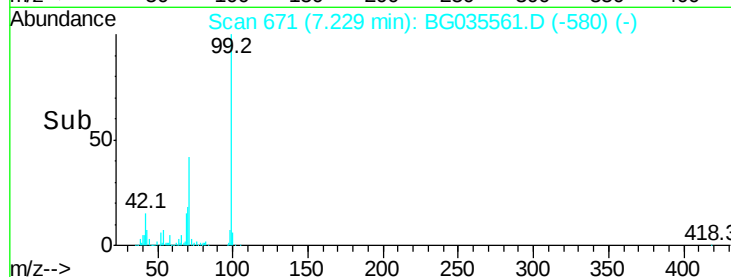
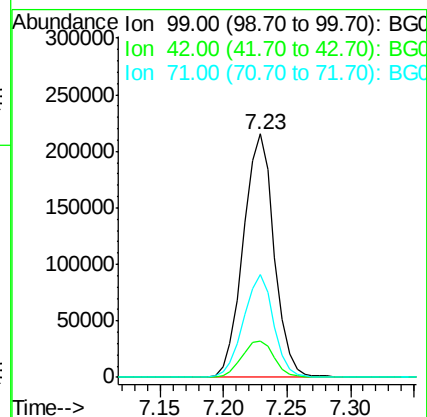
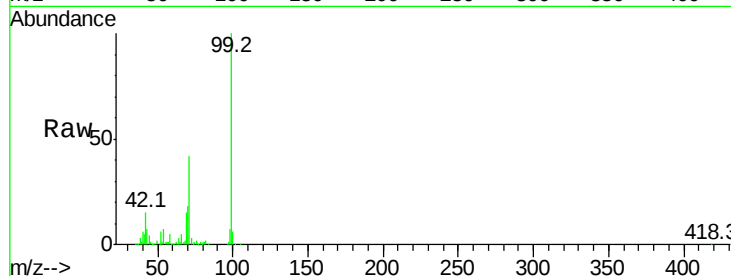
Tot Ion: 99 Resp: 364040

Ion Ratio Lower Upper

99 100

42 14.7 14.1 21.1

71 42.4 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BG035561.D

Acq: 2 Jul 2018 21:36

Tgt Ion: 136 Resp: 122942

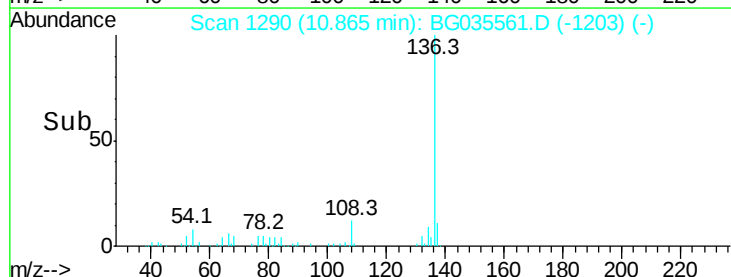
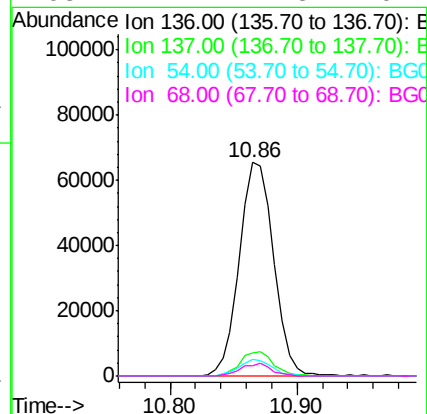
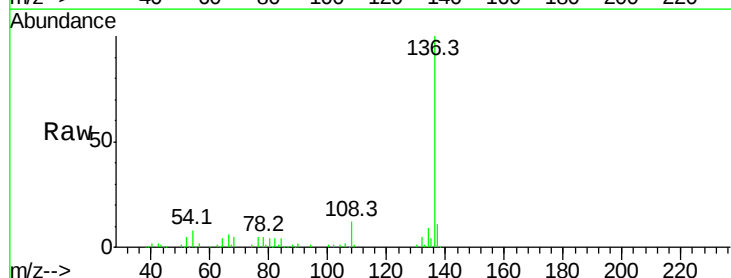
Ion Ratio Lower Upper

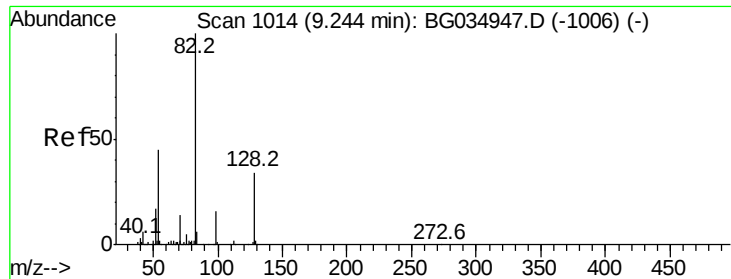
136 100

137 10.8 9.2 13.8

54 7.6 10.3 15.5#

68 4.7 4.5 6.7

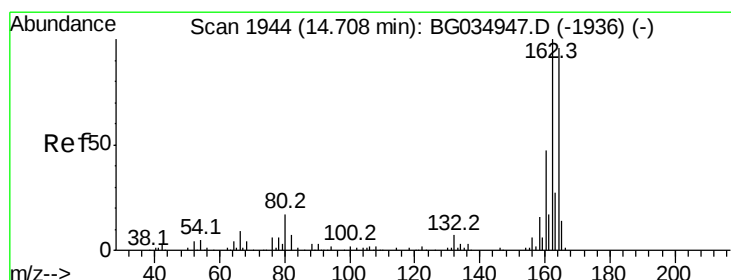
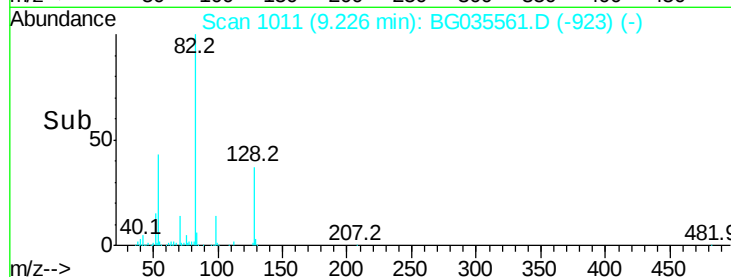
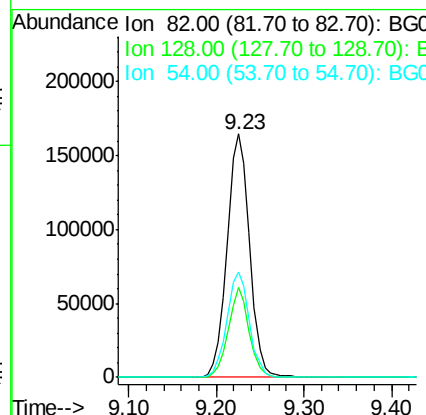
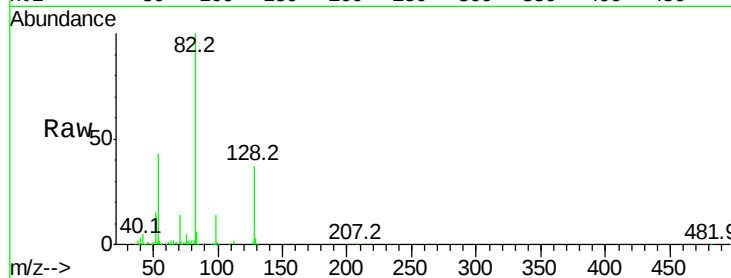




#23
 Nitrobenzene-d5
 Concen: 112.995 ng
 RT: 9.23 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BG035561.D
 Acq: 2 Jul 2018 21:36

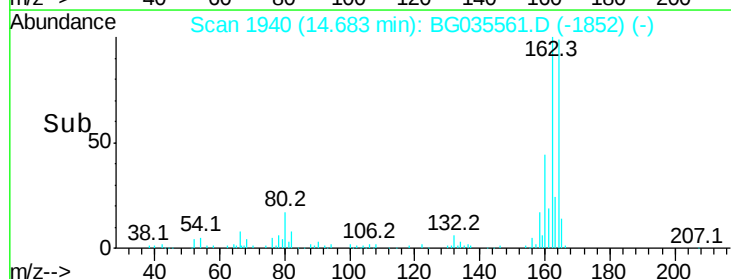
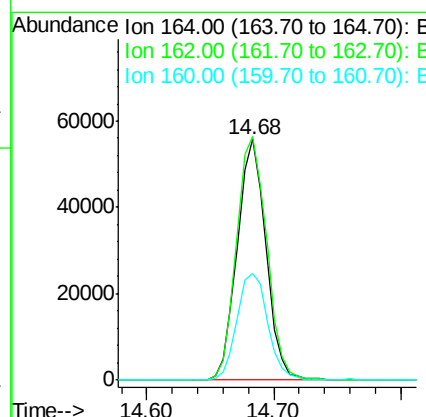
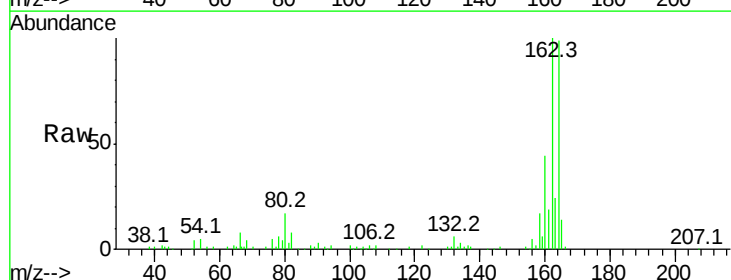
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-062918-A

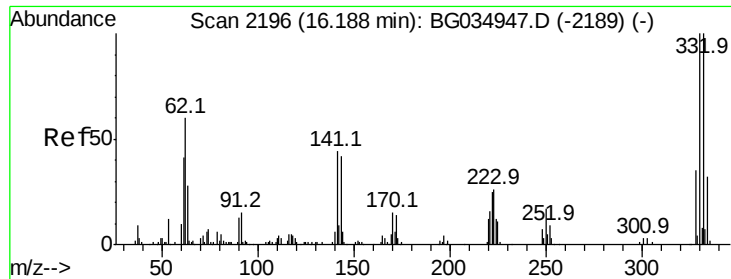
Tot Ion: 82 Resp: 292249
 Ion Ratio Lower Upper
 82 100
 128 36.7 29.7 44.5
 54 43.2 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BG035561.D
 Acq: 2 Jul 2018 21:36

Tgt Ion:164 Resp: 87038
 Ion Ratio Lower Upper
 164 100
 162 101.2 78.8 118.2
 160 44.5 35.4 53.0

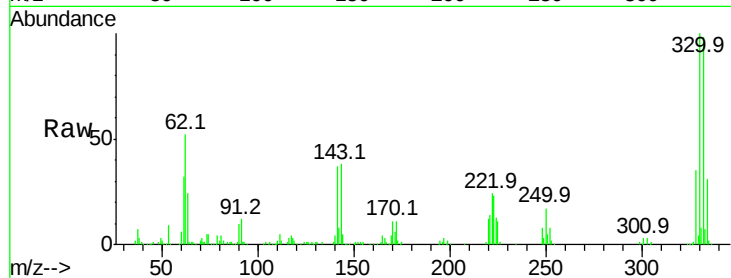




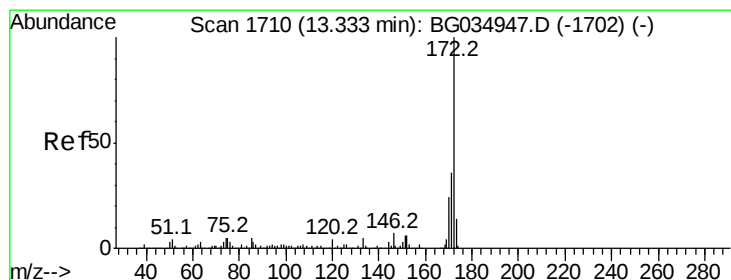
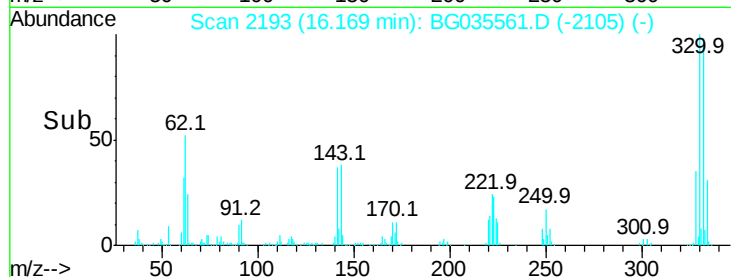
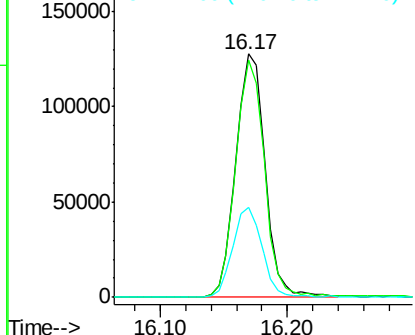
#41
 2,4,6-Tribromophenol
 Concen: 183.698 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035561.D
 Acq: 2 Jul 2018 21:36

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

Tot Ion:330 Resp: 204676
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.0 115.6
 141 37.0 25.2 37.8

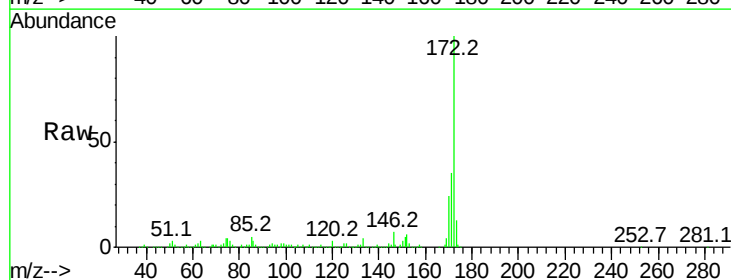


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

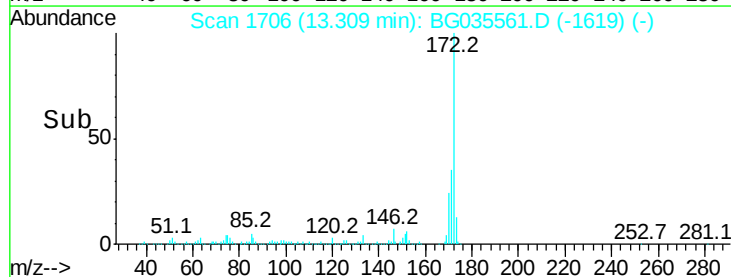
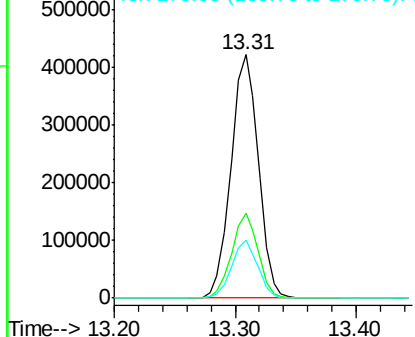


#44
 2-Fluorobiphenyl
 Concen: 99.660 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG035561.D
 Acq: 2 Jul 2018 21:36

Tgt Ion:172 Resp: 667248
 Ion Ratio Lower Upper
 172 100
 171 34.8 30.0 45.0
 170 23.7 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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BG035561.D

Acq: 2 Jul 2018 21:36

Instrument :

BNA_G

ClientSampleId :

CL-01-062918-A

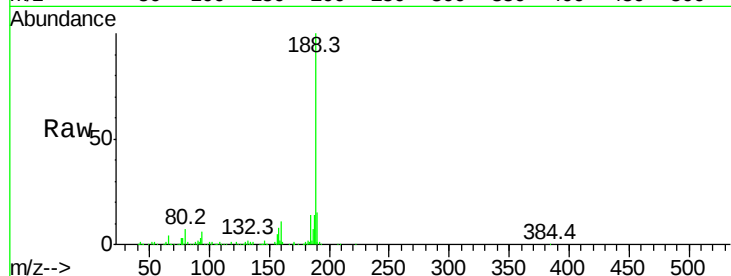
Tot Ion:188 Resp: 241805

Ion Ratio Lower Upper

188 100

94 6.1 6.9 10.3#

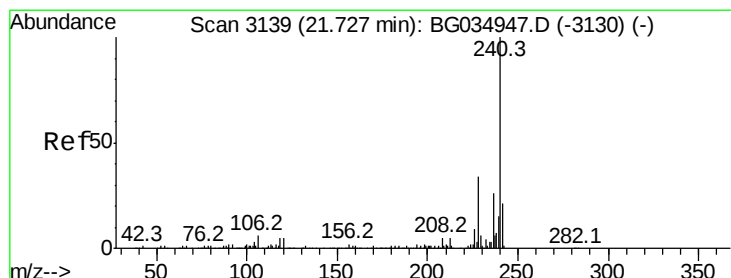
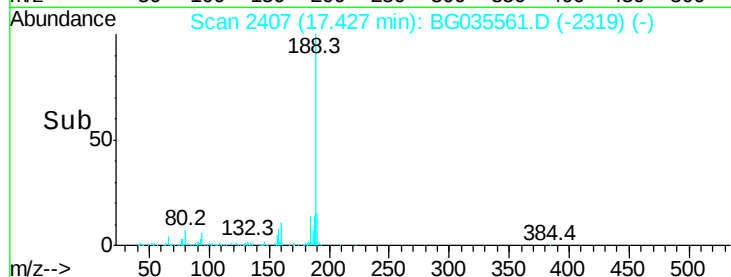
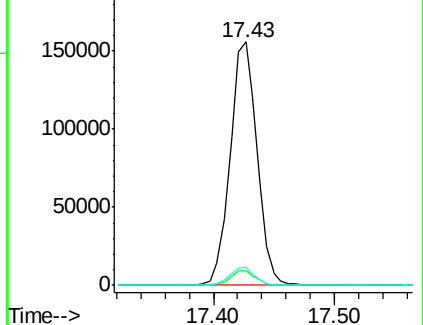
80 7.3 7.7 11.5#



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: 20.000 ng

RT: 21.69 min Scan# 3133

Delta R.T. -0.03 min

Lab File: BG035561.D

Acq: 2 Jul 2018 21:36

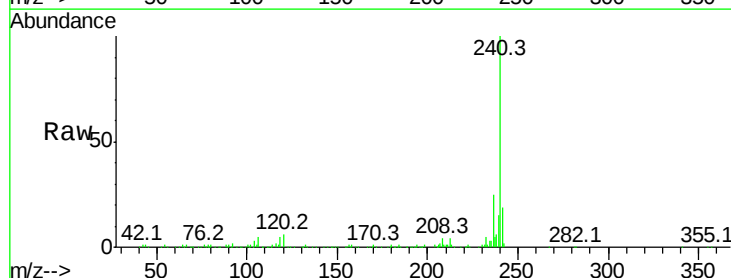
Tgt Ion:240 Resp: 274289

Ion Ratio Lower Upper

240 100

120 5.7 6.8 10.2#

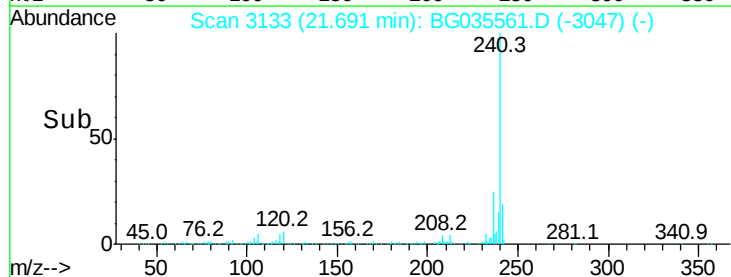
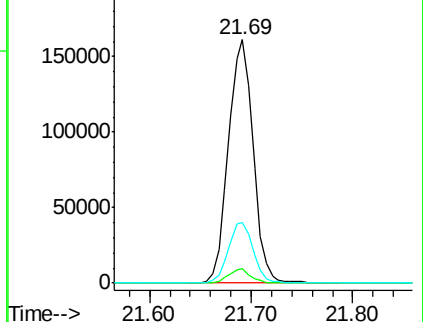
236 25.0 20.9 31.3

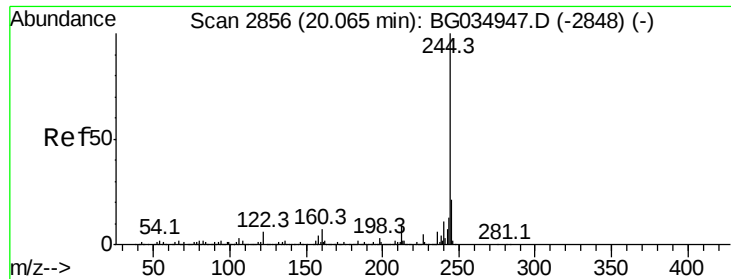


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 101.536 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035561.D

Acq: 2 Jul 2018 21:36

Instrument :

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CL-01-062918-A

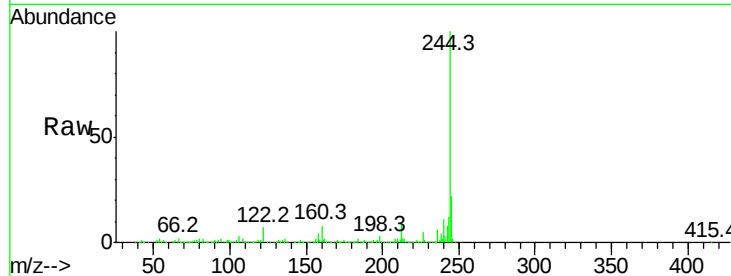
Tot Ion:244 Resp: 1329573

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

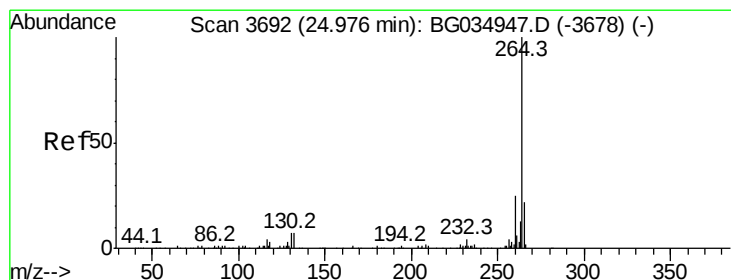
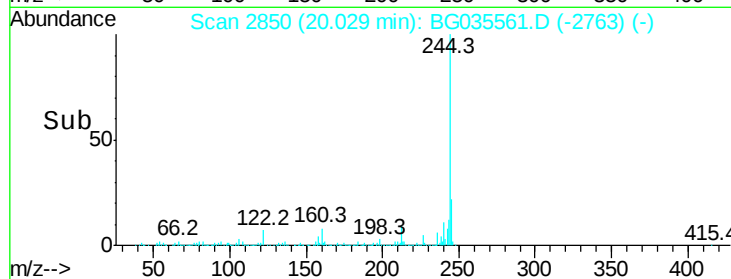
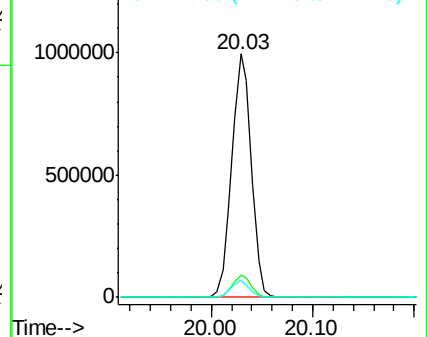
122 6.9 7.0 10.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 24.91 min Scan# 3681

Delta R.T. -0.04 min

Lab File: BG035561.D

Acq: 2 Jul 2018 21:36

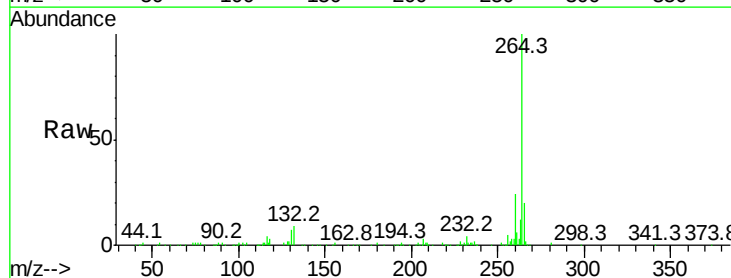
Tgt Ion:264 Resp: 249570

Ion Ratio Lower Upper

264 100

260 23.8 17.4 26.0

265 20.3 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

