

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062518\
 Data File : BG035403.D
 Acq On : 26 Jun 2018 8:22
 Operator : JU/SJ
 Sample : J3581-08
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSP-C-COMPOSITE

Quant Time: Jun 26 11:24:27 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

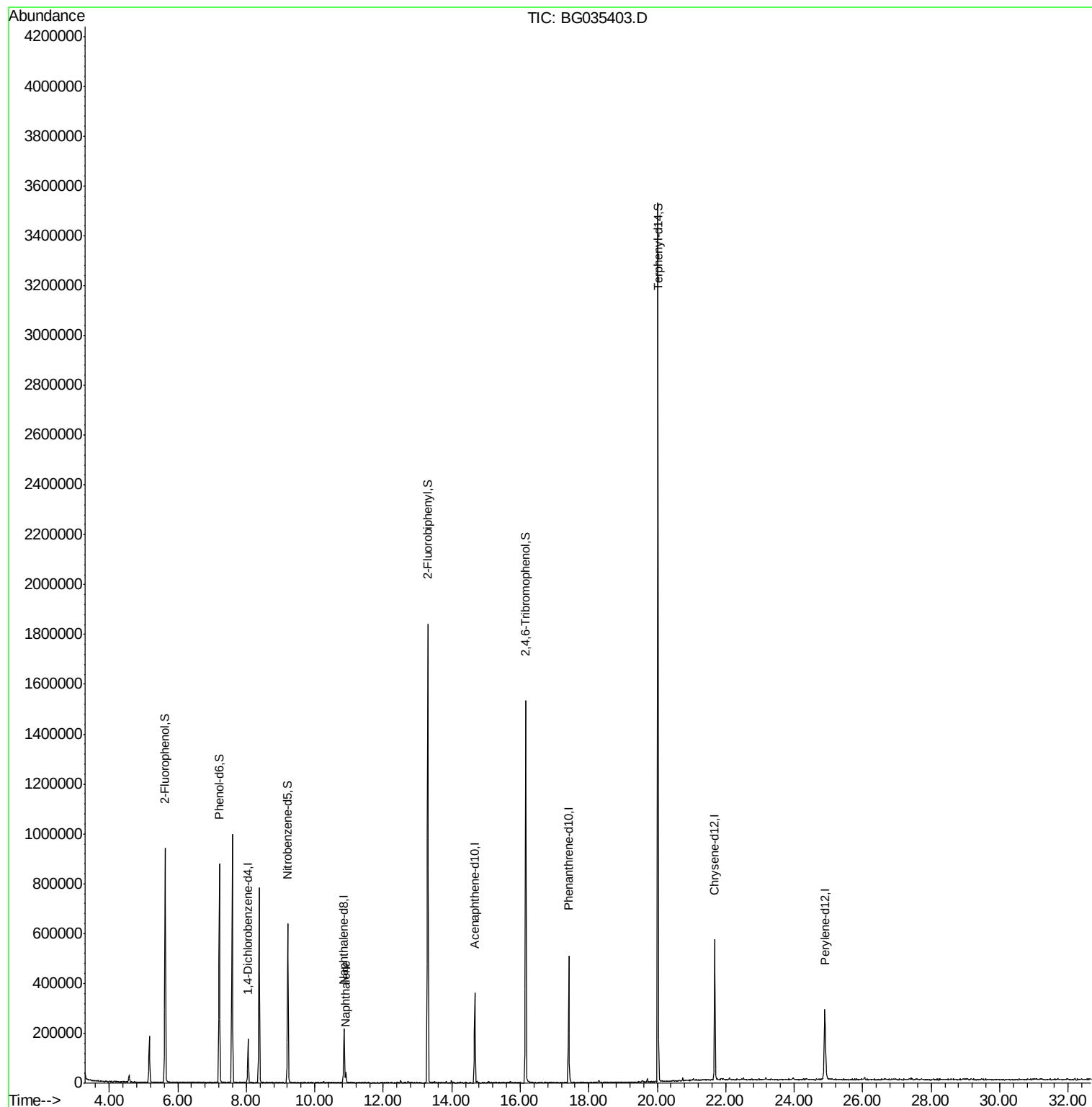
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	50132	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	182012	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	125265	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	332441	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	369041	20.00	ng	-0.04
86) Perylene-d12	24.89	264	339556	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	406364	136.80	ng	-0.01
7) Phenol-d6	7.21	99	512858	116.97	ng	-0.01
23) Nitrobenzene-d5	9.22	82	424376	110.83	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	285875	178.28	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	966804	100.33	ng	-0.03
78) Terphenyl-d14	20.02	244	1732748	98.35	ng	-0.02
Target Compounds						
31) Naphthalene	10.91	128	35334	3.737	ng	Qvalue 94

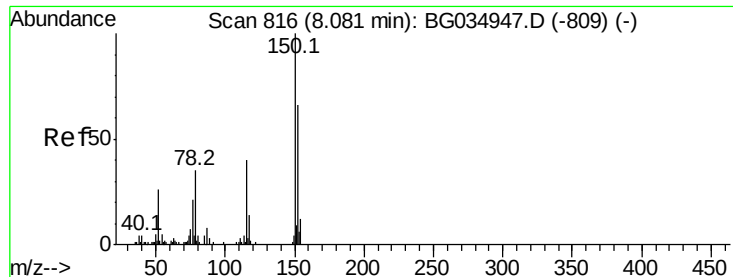
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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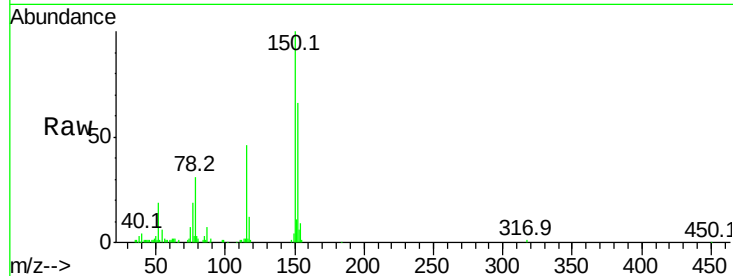


#1

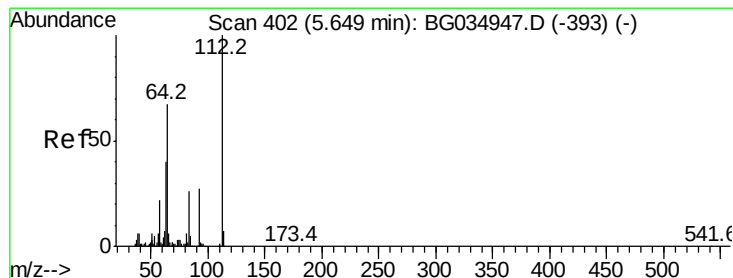
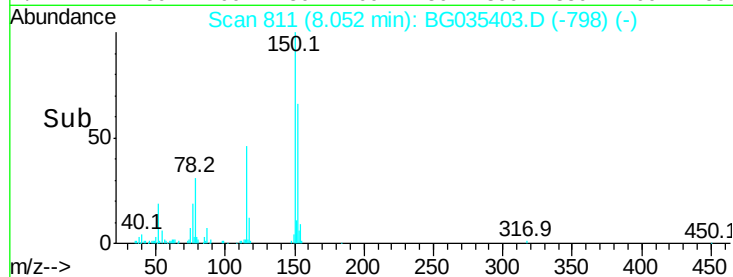
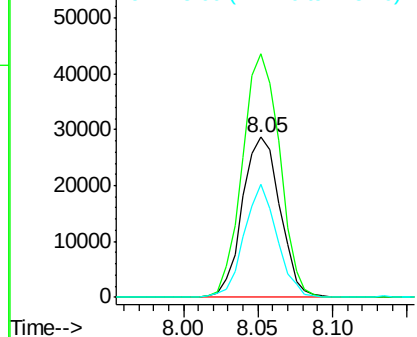
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035403.D
Acq: 26 Jun 2018 8:22

Instrument :
BNA_G
ClientSampleId :
SSP-C-COMPOSITE

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.2	126.6	189.8
115	70.3	53.0	79.4



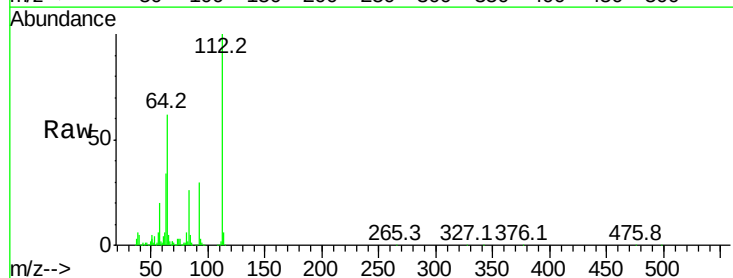
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



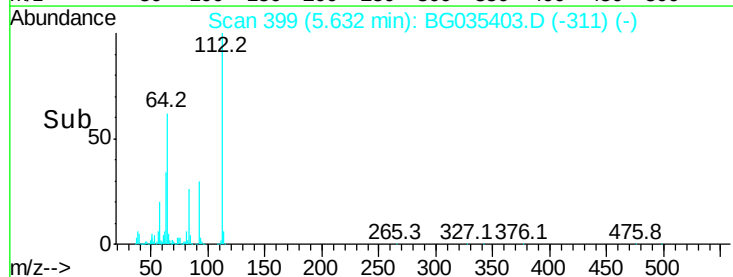
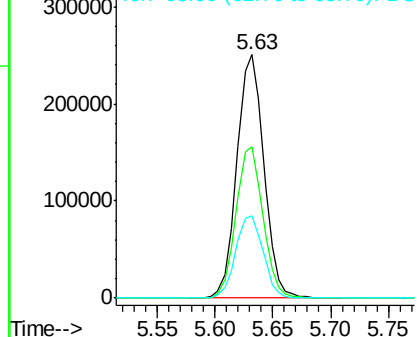
#5

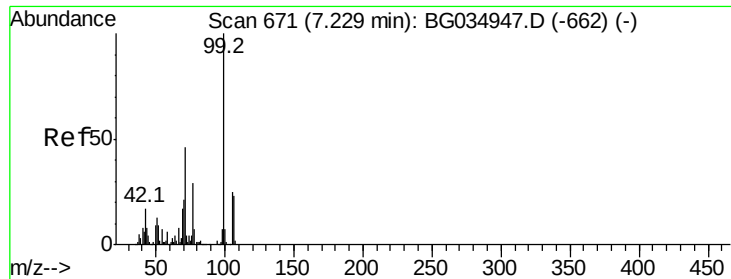
2-Fluorophenol
Concen: 136.795 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035403.D
Acq: 26 Jun 2018 8:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.0	56.3	84.5
63	33.8	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: 116.973 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035403.D

Acq: 26 Jun 2018 8:22

Instrument :

BNA_G

ClientSampleId :

SSP-C-COMPOSITE

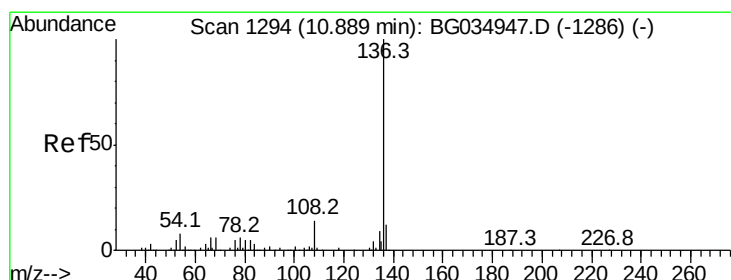
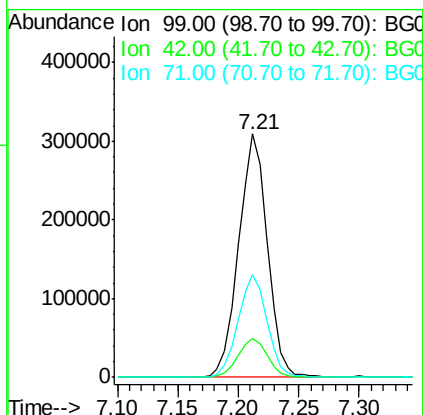
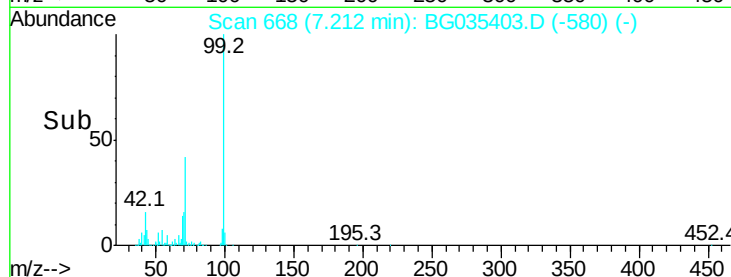
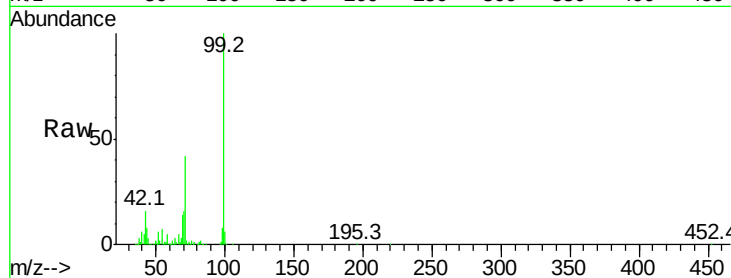
Tot Ion: 99 Resp: 512858

Ion Ratio Lower Upper

99 100

42 15.9 14.1 21.1

71 42.5 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1288

Delta R.T. -0.03 min

Lab File: BG035403.D

Acq: 26 Jun 2018 8:22

Tgt Ion: 136 Resp: 182012

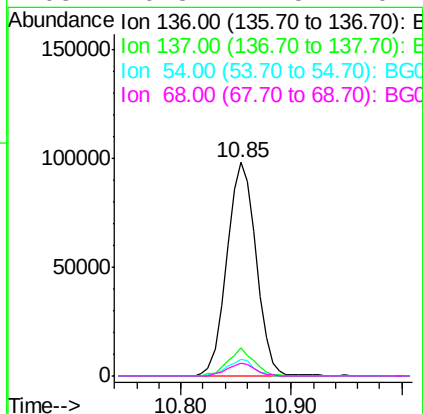
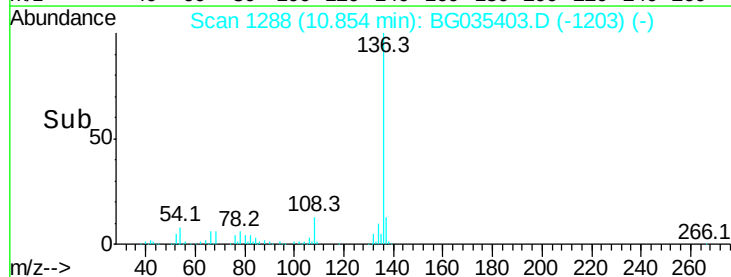
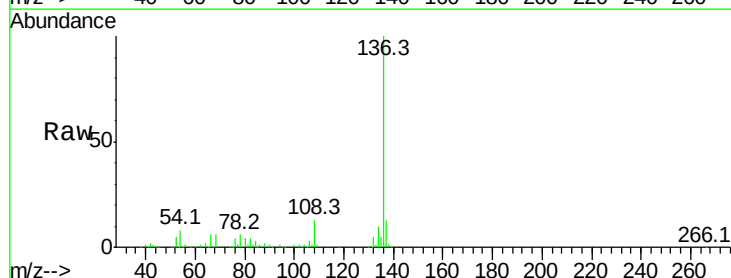
Ion Ratio Lower Upper

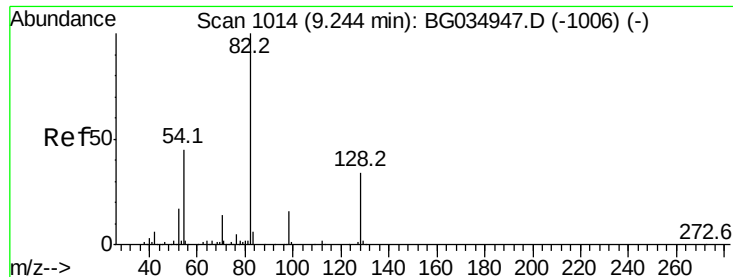
136 100

137 12.9 9.2 13.8

54 8.0 10.3 15.5#

68 6.3 4.5 6.7





#23

Nitrobenzene-d5

Concen: 110.830 ng

RT: 9.22 min Scan# 1009

Delta R.T. -0.02 min

Lab File: BG035403.D

Acq: 26 Jun 2018 8:22

Instrument :

BNA_G

ClientSampleId :

SSP-C-COMPOSITE

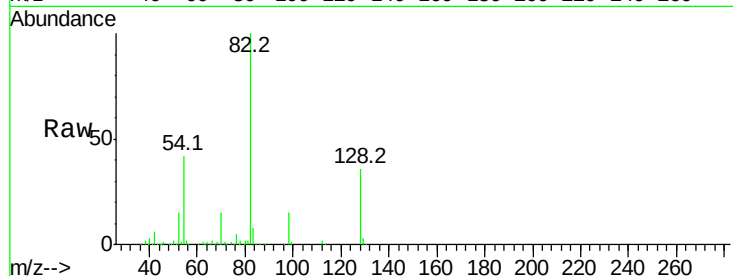
Tot Ion: 82 Resp: 424376

Ion Ratio Lower Upper

82 100

128 36.1 29.7 44.5

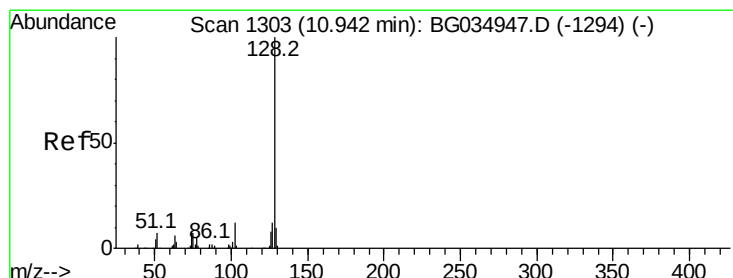
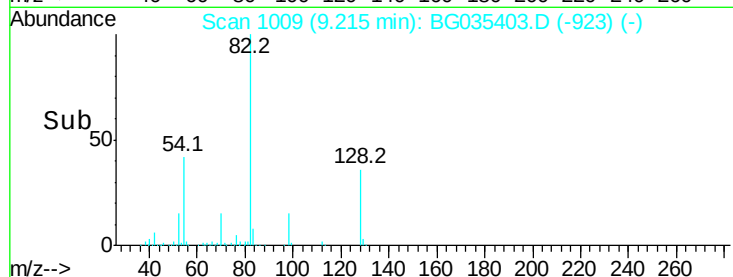
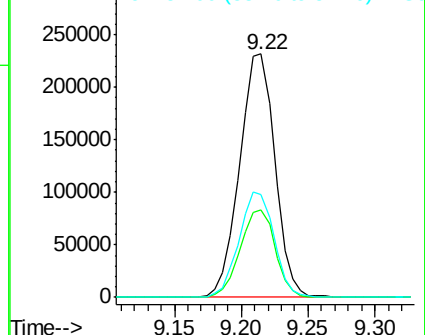
54 42.3 43.1 64.7#



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: 3.737 ng

RT: 10.91 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BG035403.D

Acq: 26 Jun 2018 8:22

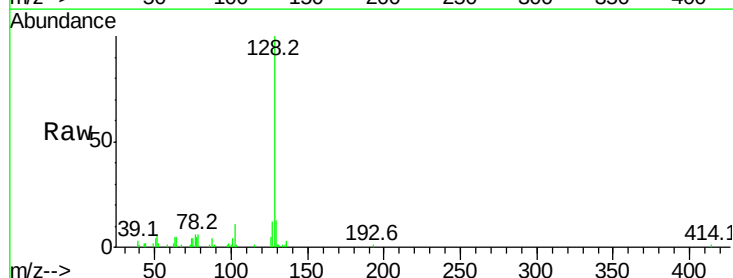
Tgt Ion: 128 Resp: 35334

Ion Ratio Lower Upper

128 100

129 12.8 8.6 12.8

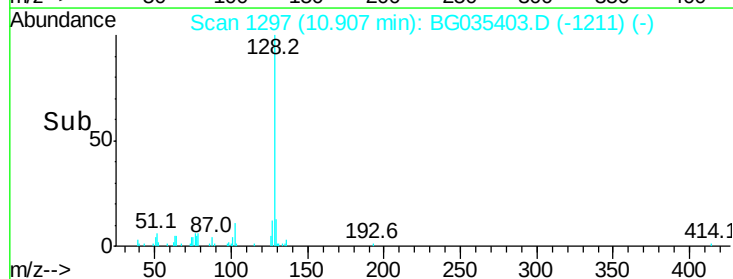
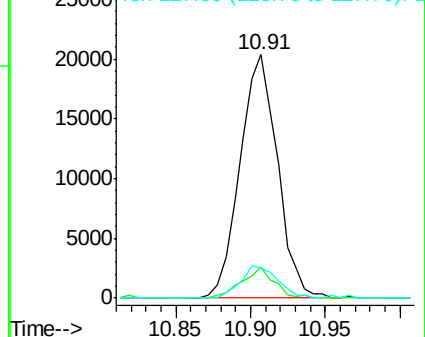
127 12.2 11.6 17.4

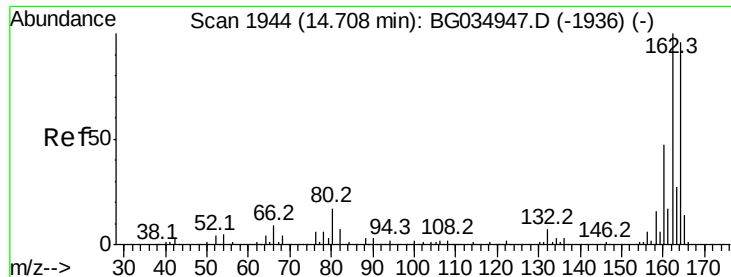


Abundance Ion 128.00 (127.70 to 128.70): BGC

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: 14.67 min Scan# 1938

Delta R.T. -0.02 min

Lab File: BG035403.D

Acq: 26 Jun 2018 8:22

Instrument :

BNA_G

ClientSampleId :

SSP-C-COMPOSITE

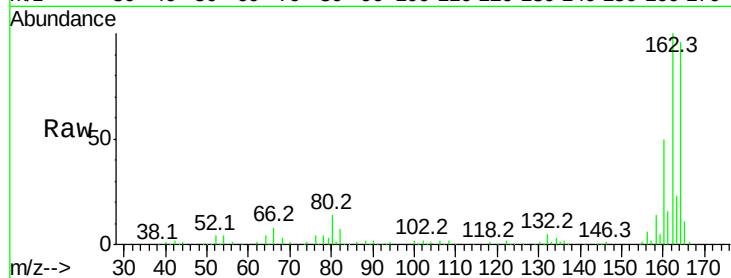
Tot Ion:164 Resp: 125265

Ion Ratio Lower Upper

164 100

162 104.4 78.8 118.2

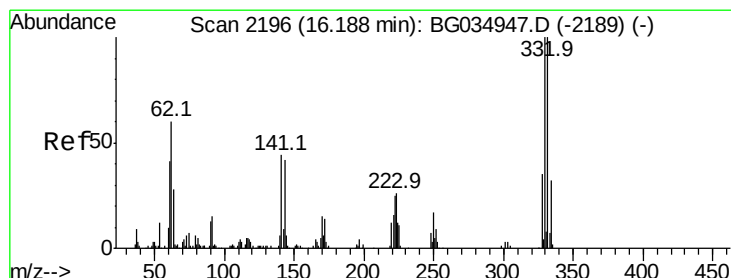
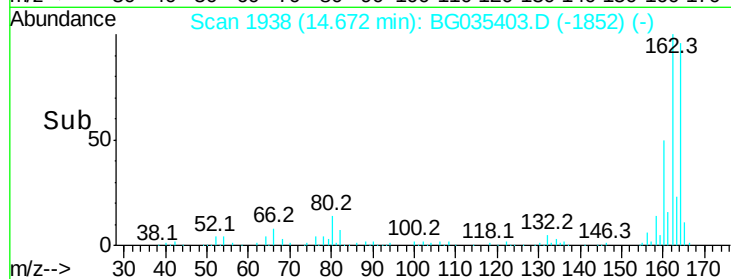
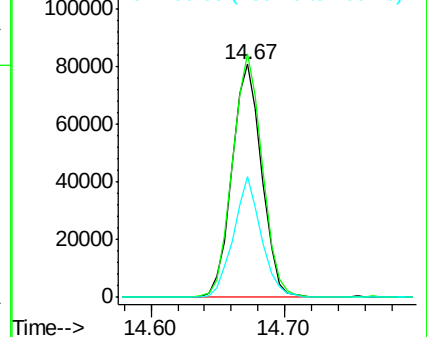
160 51.9 35.4 53.0



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: 178.276 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.02 min

Lab File: BG035403.D

Acq: 26 Jun 2018 8:22

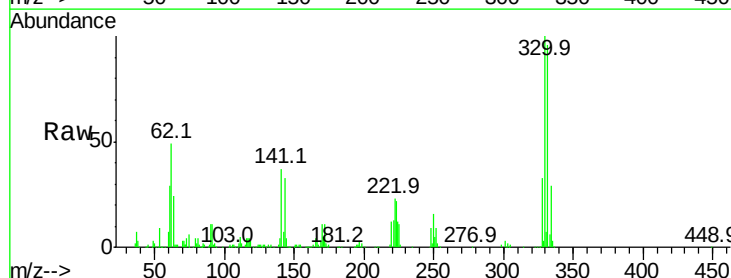
Tgt Ion:330 Resp: 285875

Ion Ratio Lower Upper

330 100

332 96.6 77.0 115.6

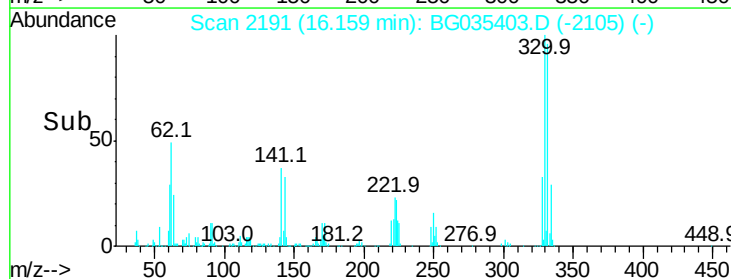
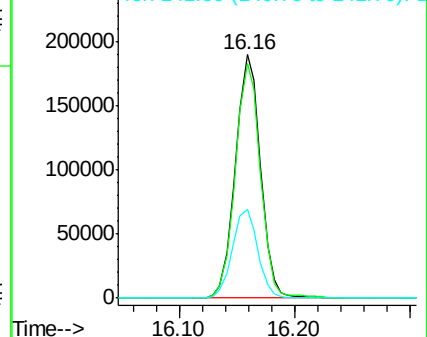
141 37.2 25.2 37.8

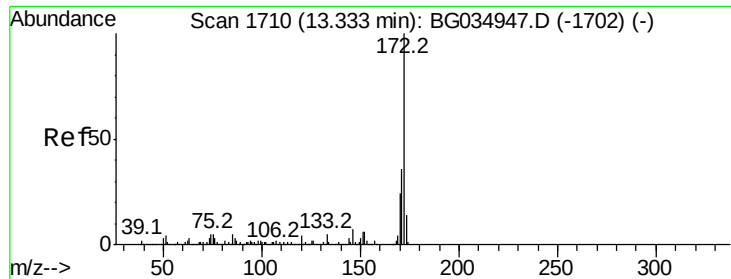


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

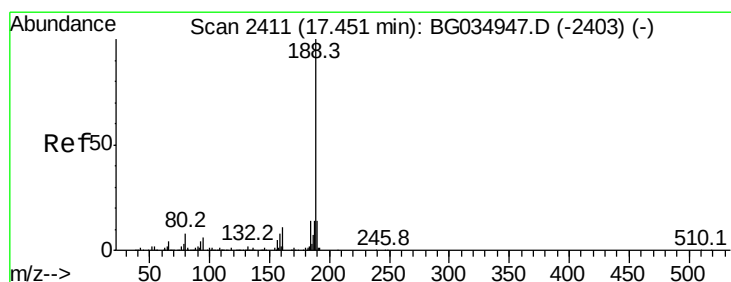
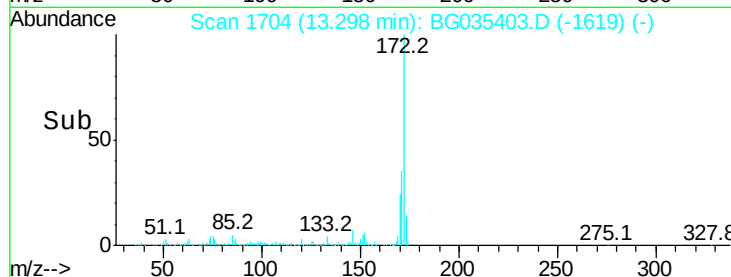
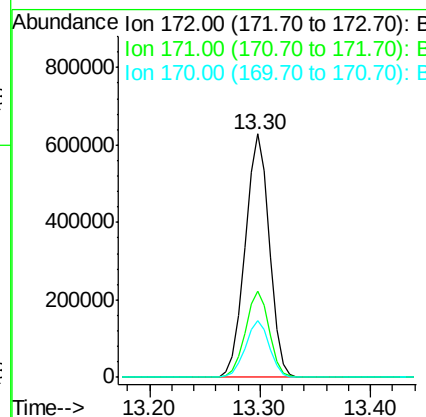
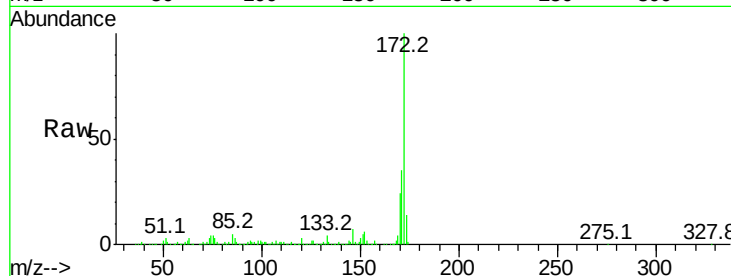




#44
 2-Fluorobiphenyl
 Concen: 100.335 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035403.D
 Acq: 26 Jun 2018 8:22

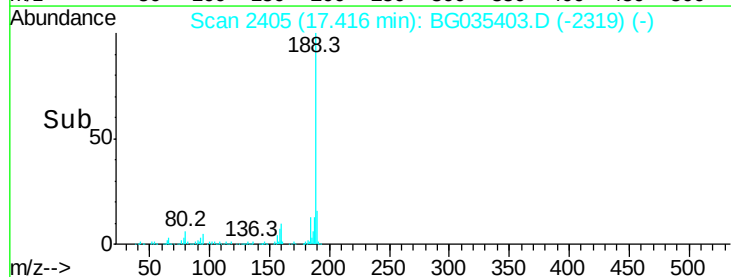
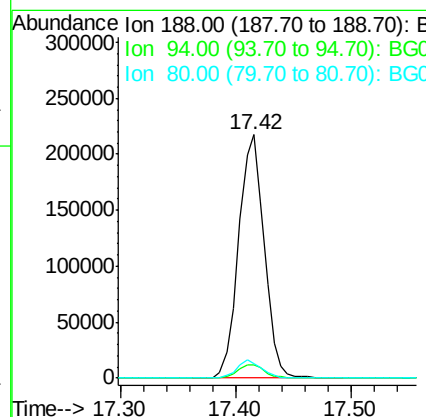
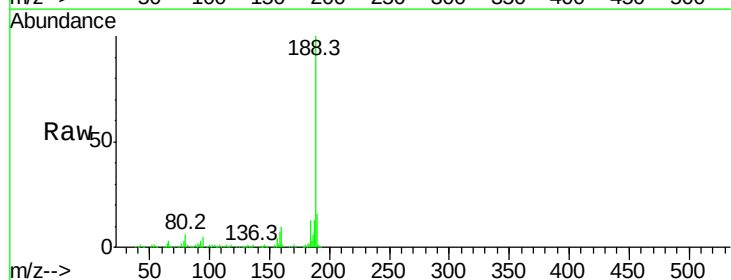
Instrument :
 BNA_G
 ClientSampleId :
 SSP-C-COMPOSITE

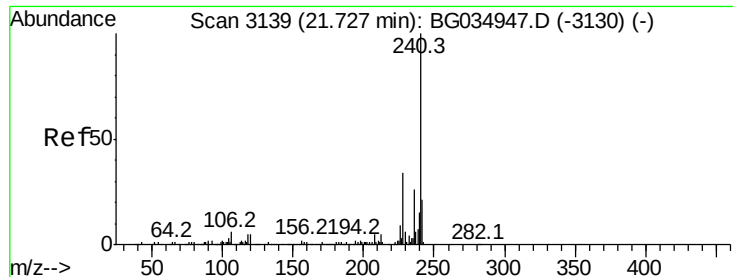
Tot Ion:172 Resp: 966804
 Ion Ratio Lower Upper
 172 100
 171 35.3 30.0 45.0
 170 23.5 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.02 min
 Lab File: BG035403.D
 Acq: 26 Jun 2018 8:22

Tgt Ion:188 Resp: 332441
 Ion Ratio Lower Upper
 188 100
 94 5.3 6.9 10.3#
 80 6.1 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.04 min

Lab File: BG035403.D

Acq: 26 Jun 2018 8:22

Instrument :

BNA_G

ClientSampleId :

SSP-C-COMPOSITE

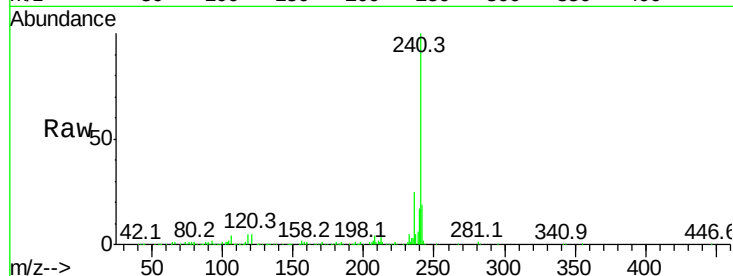
Tot Ion:240 Resp: 369041

Ion Ratio Lower Upper

240 100

120 5.0 6.8 10.2#

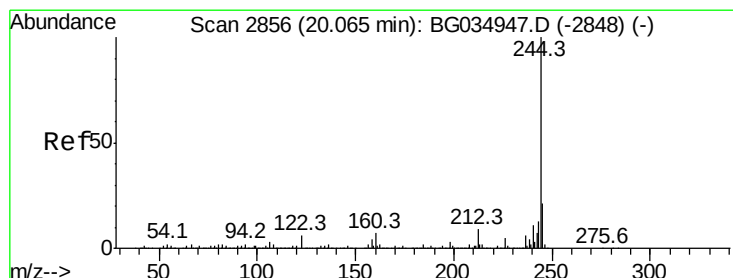
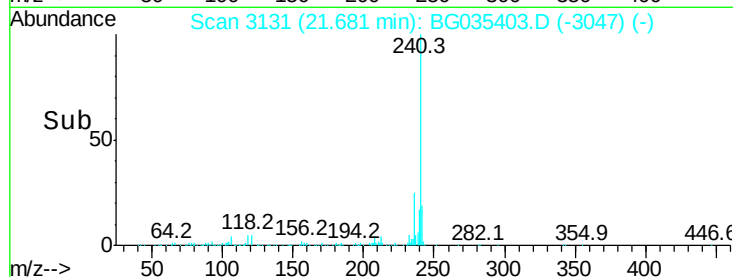
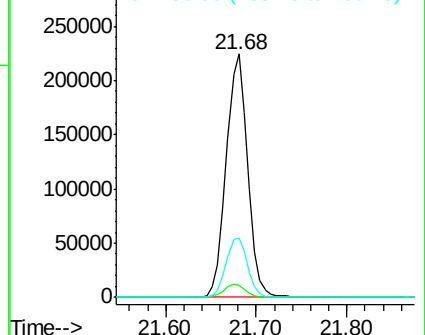
236 24.6 20.9 31.3



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: 98.351 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035403.D

Acq: 26 Jun 2018 8:22

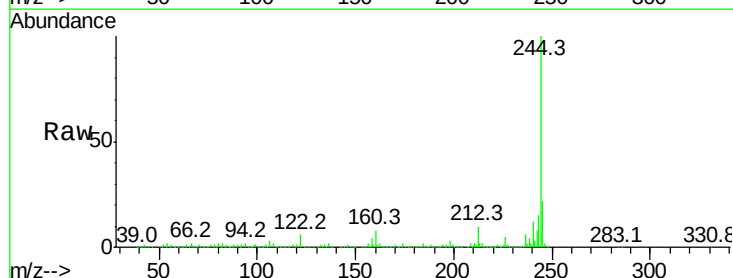
Tgt Ion:244 Resp: 1732748

Ion Ratio Lower Upper

244 100

212 9.6 5.8 8.8#

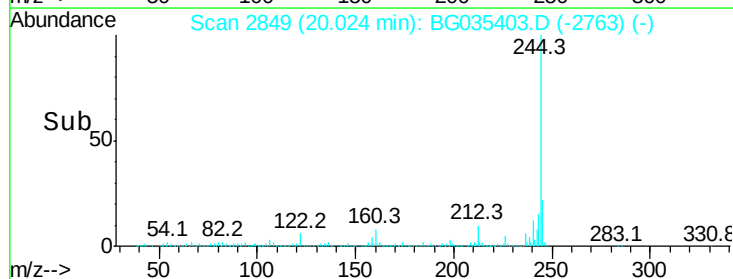
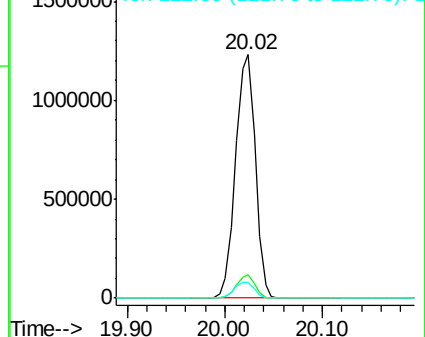
122 6.4 7.0 10.4#

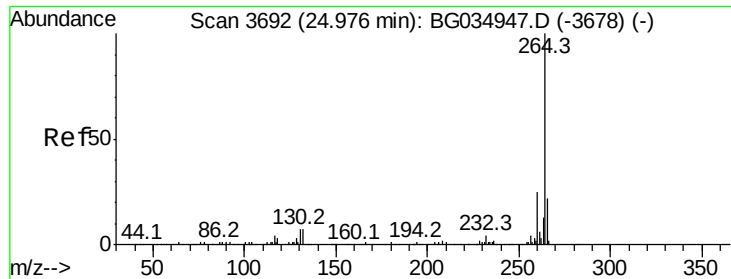


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.89 min Scan# 3678
 Delta R.T. -0.06 min
 Lab File: BG035403.D
 Acq: 26 Jun 2018 8:22

Instrument :
 BNA_G
 ClientSampleId :
 SSP-C-COMPOSITE

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.4	26.0
265	22.0	17.7	26.5

