

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061918\
 Data File : BG035251.D
 Acq On : 19 Jun 2018 17:03
 Operator : SJ/JU
 Sample : J3538-12
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SS-T-5-STONE

Quant Time: Jun 19 19:00:50 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	63454	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	218711	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	150414	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	444941	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	426216	20.00	ng	-0.03
86) Perylene-d12	24.92	264	380260	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	535453	142.41	ng	0.00
7) Phenol-d6	7.22	99	695154	125.26	ng	0.00
23) Nitrobenzene-d5	9.22	82	555371	120.70	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	444092	230.64	ng	-0.02
44) 2-Fluorobiphenyl	13.31	172	1272980	110.02	ng	-0.02
78) Terphenyl-d14	20.03	244	2576169	126.61	ng	-0.02

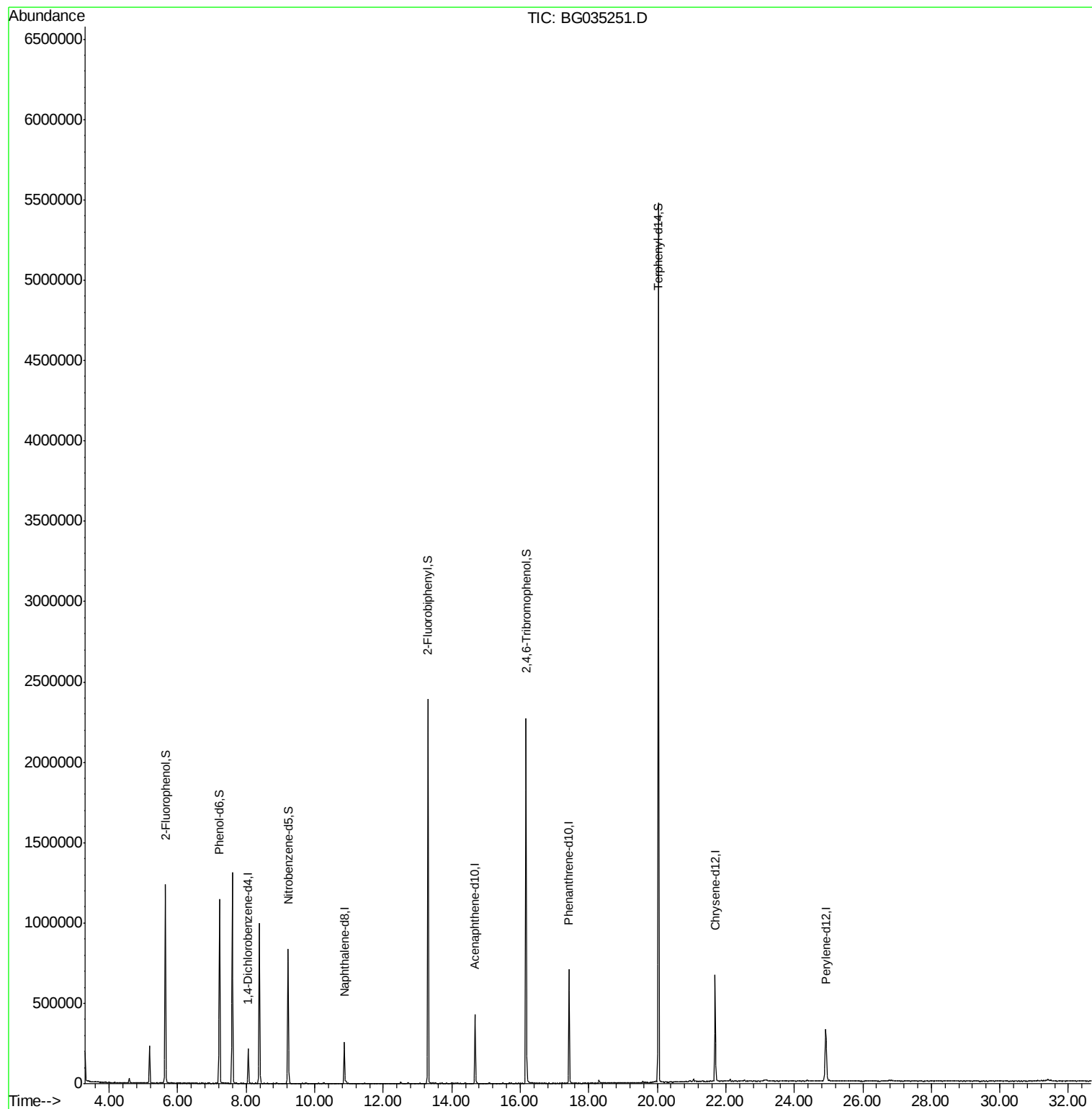
Target Compounds Qvalue

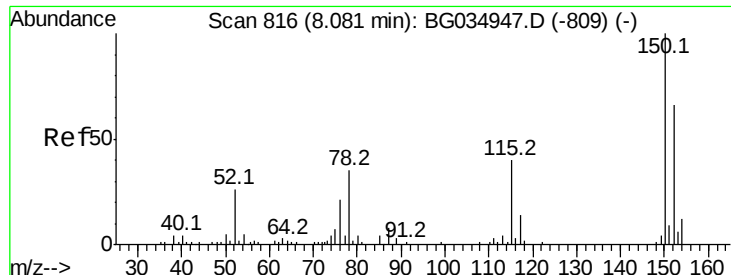
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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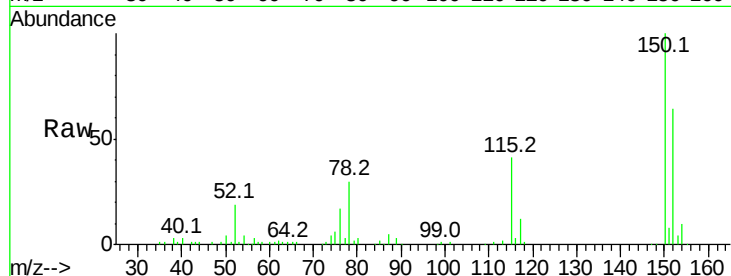


#1

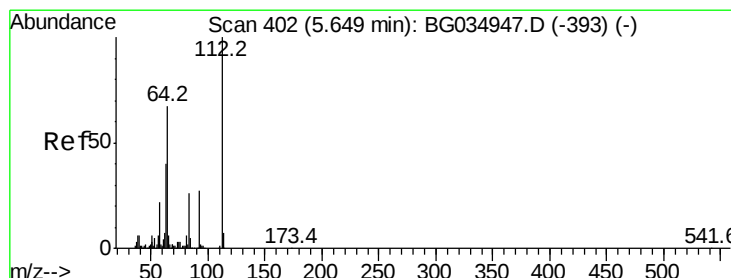
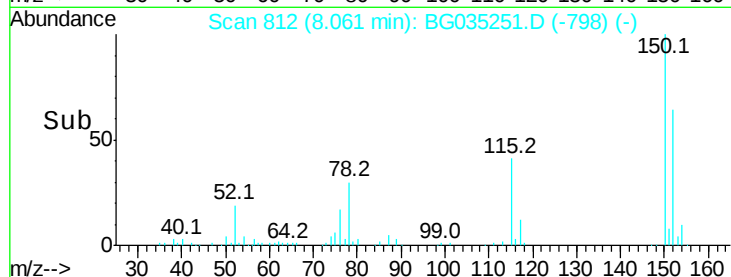
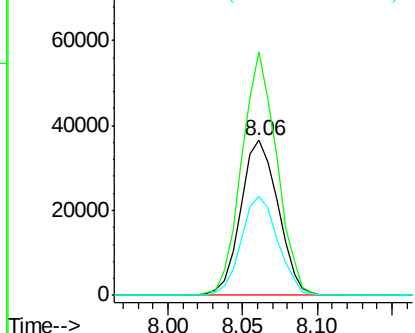
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035251.D
Acq: 19 Jun 2018 17:03

Instrument :
BNA_G
ClientSampleId :
SS-T-5-STONE

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	126.6	189.8
115	63.7	53.0	79.4



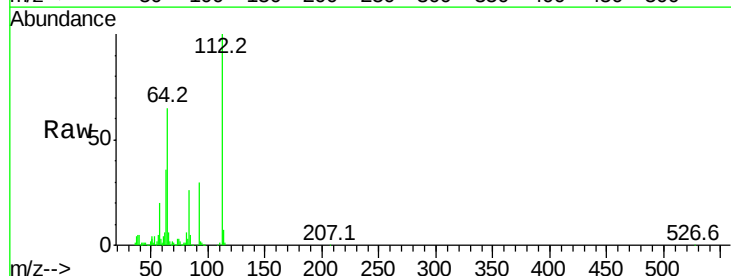
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



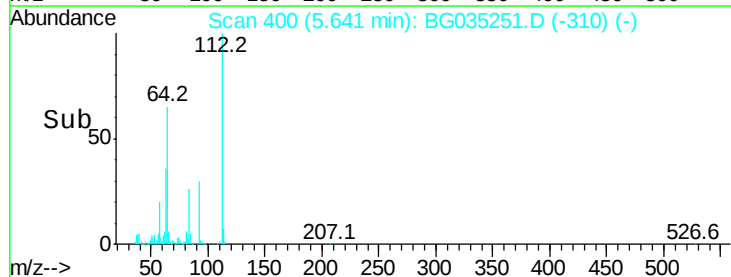
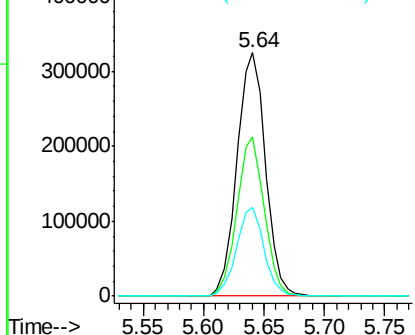
#5

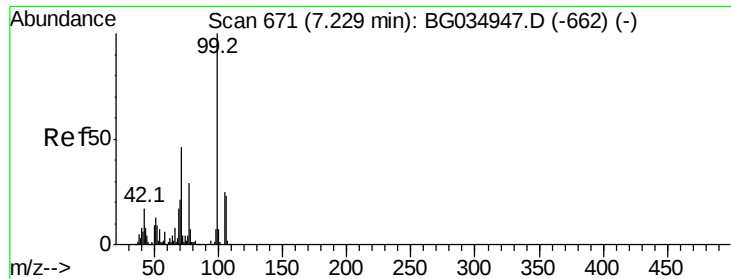
2-Fluorophenol
Concen: 142.408 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.00 min
Lab File: BG035251.D
Acq: 19 Jun 2018 17:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.1	56.3	84.5
63	36.2	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: 125.264 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG035251.D

Acq: 19 Jun 2018 17:03

Instrument :

BNA_G

ClientSampleId :

SS-T-5-STONE

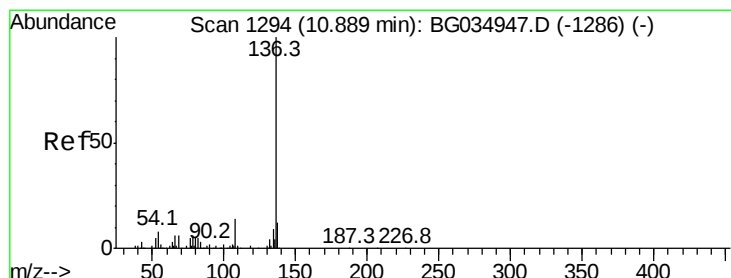
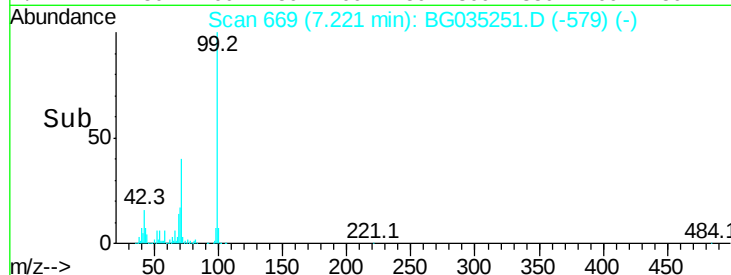
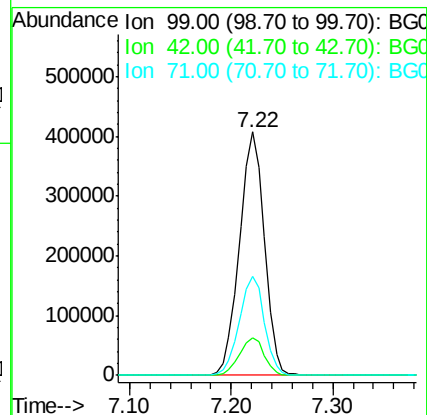
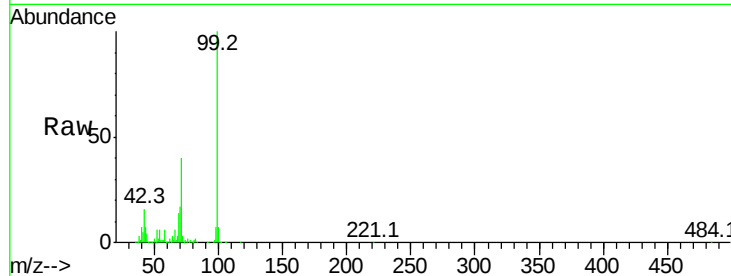
Tot Ion: 99 Resp: 695154

Ion Ratio Lower Upper

99 100

42 15.6 14.1 21.1

71 40.5 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1289

Delta R.T. -0.02 min

Lab File: BG035251.D

Acq: 19 Jun 2018 17:03

Tgt Ion: 136 Resp: 218711

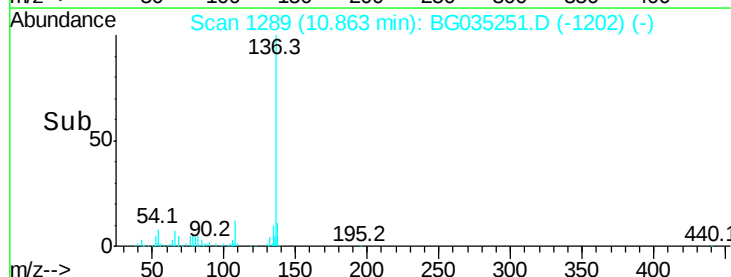
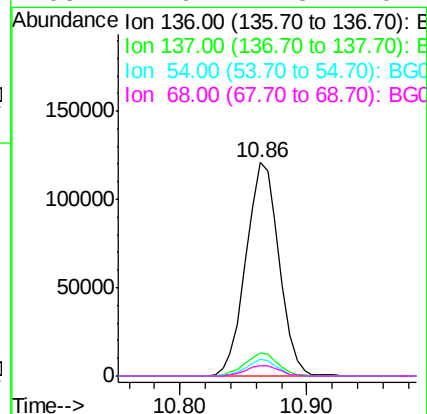
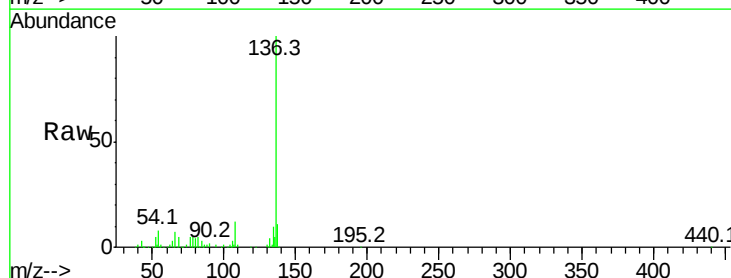
Ion Ratio Lower Upper

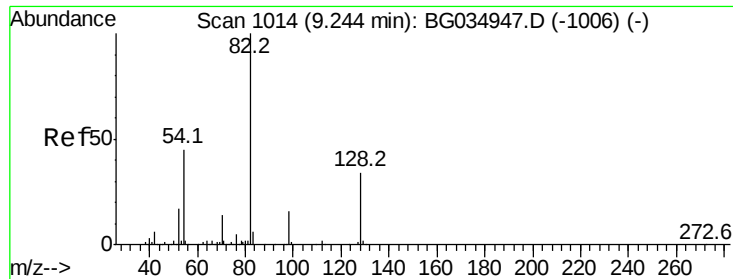
136 100

137 10.7 9.2 13.8

54 7.7 10.3 15.5#

68 4.9 4.5 6.7

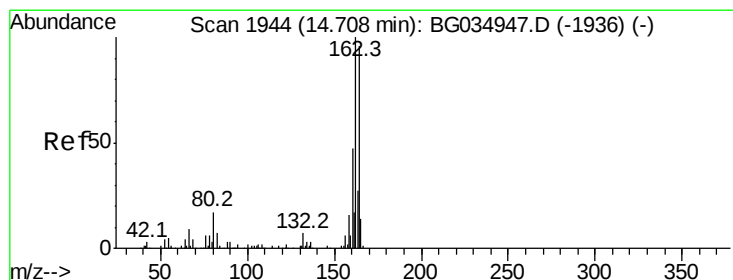
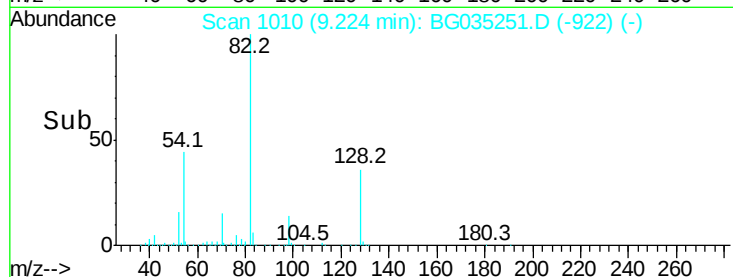
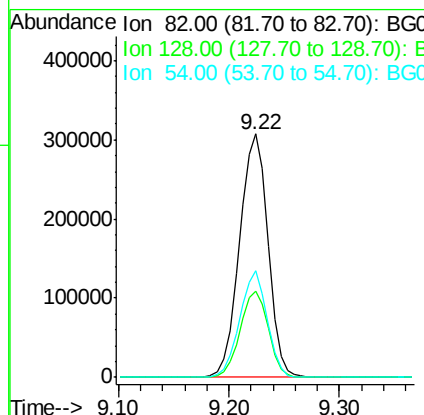
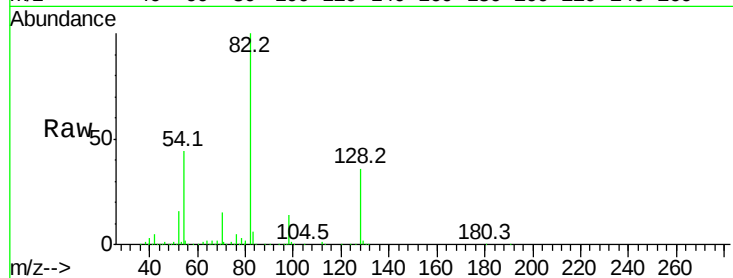




#23
Nitrobenzene-d5
Concen: 120.704 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BG035251.D
Acq: 19 Jun 2018 17:03

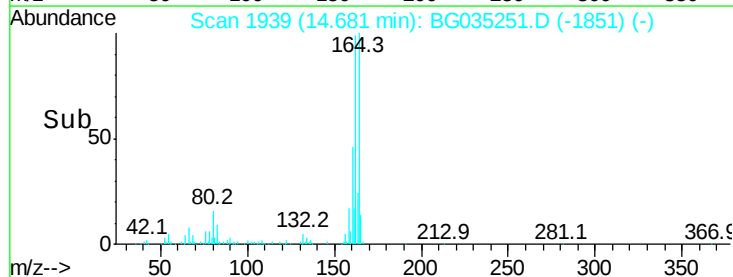
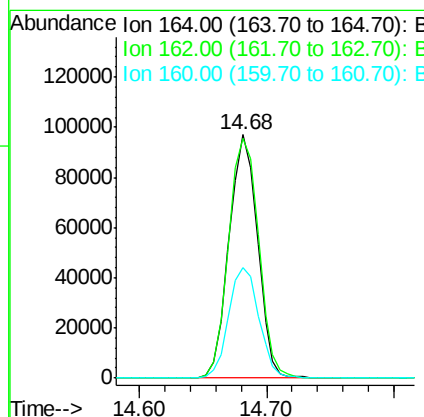
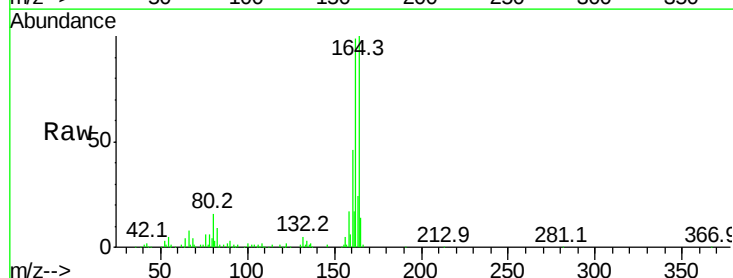
Instrument :
BNA_G
ClientSampleId :
SS-T-5-STONE

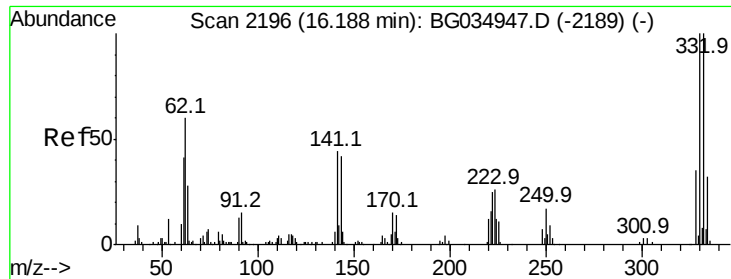
Tot Ion	82	Resp	555371
Ion Ratio	Lower	Upper	
82	100		
128	35.6	29.7	44.5
54	43.5	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.02 min
Lab File: BG035251.D
Acq: 19 Jun 2018 17:03

Tgt Ion	164	Resp	150414
Ion Ratio	Lower	Upper	
164	100		
162	98.7	78.8	118.2
160	45.6	35.4	53.0

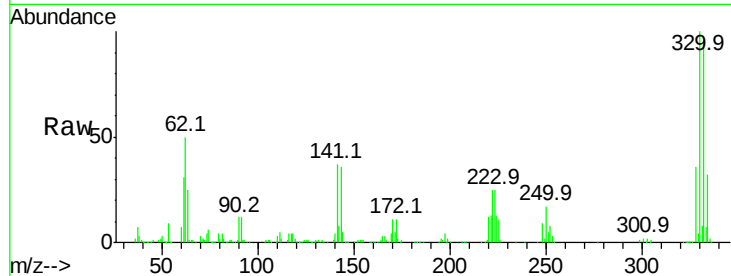




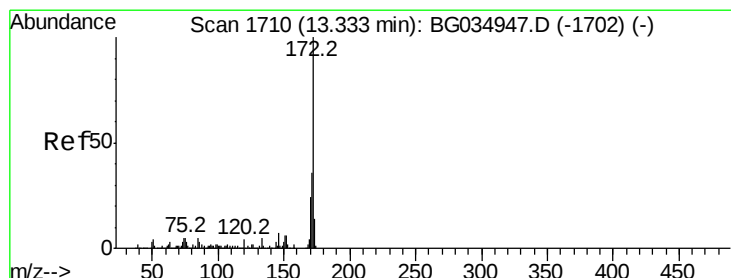
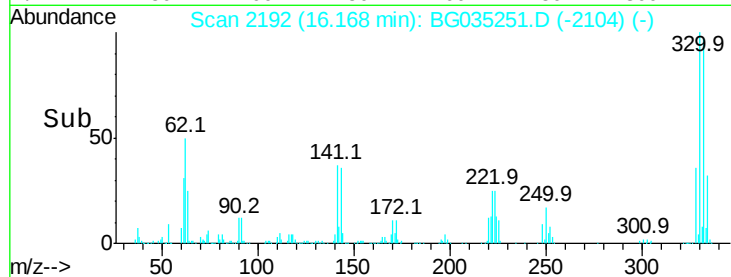
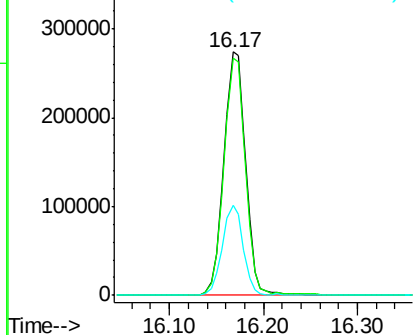
#41
 2,4,6-Tribromophenol
 Concen: 230.638 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.02 min
 Lab File: BG035251.D
 Acq: 19 Jun 2018 17:03

Instrument :
 BNA_G
 ClientSampleId :
 SS-T-5-STONE

Tot Ion:330 Resp: 444092
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 35.6 25.2 37.8

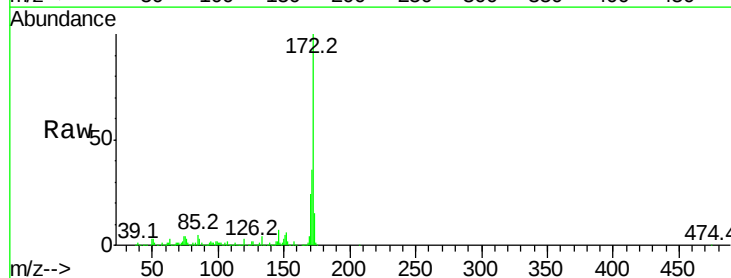


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

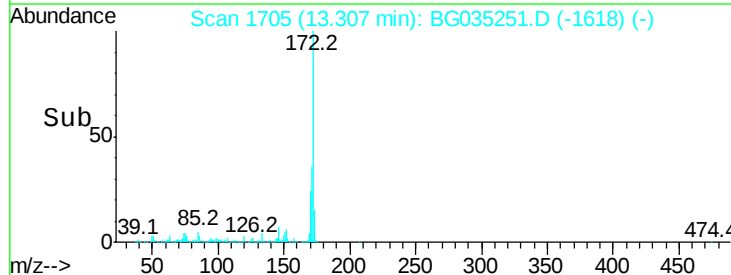
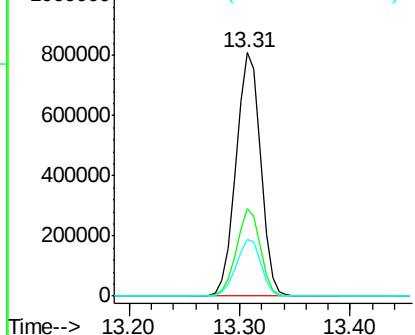


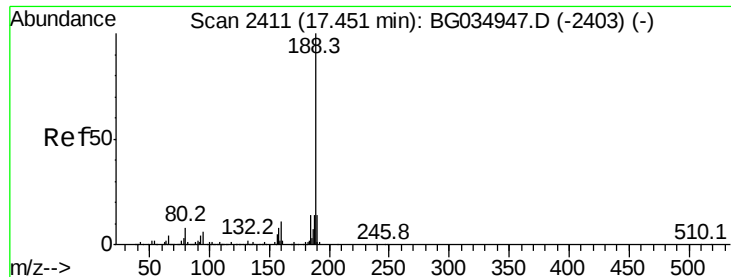
#44
 2-Fluorobiphenyl
 Concen: 110.021 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.02 min
 Lab File: BG035251.D
 Acq: 19 Jun 2018 17:03

Tgt Ion:172 Resp: 1272980
 Ion Ratio Lower Upper
 172 100
 171 35.7 30.0 45.0
 170 23.6 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: 17.42 min Scan# 2406

Delta R.T. -0.02 min

Lab File: BG035251.D

Acq: 19 Jun 2018 17:03

Instrument :

BNA_G

ClientSampleId :

SS-T-5-STONE

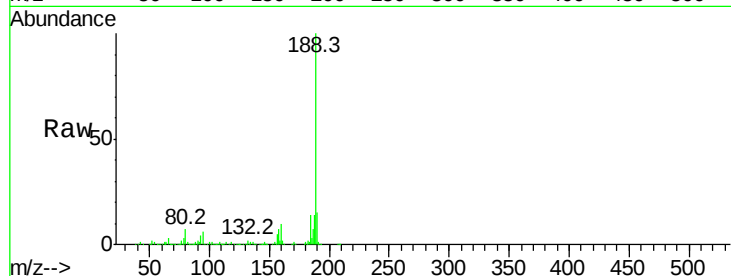
Tot Ion:188 Resp: 444941

Ion Ratio Lower Upper

188 100

94 6.2 6.9 10.3#

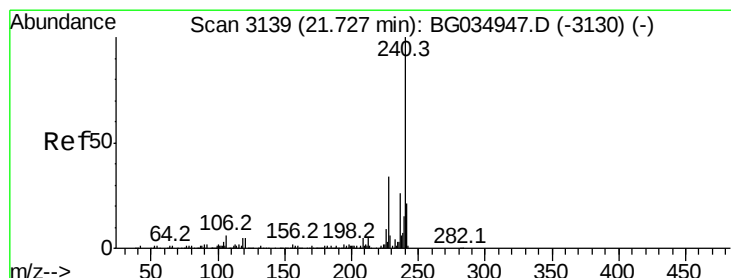
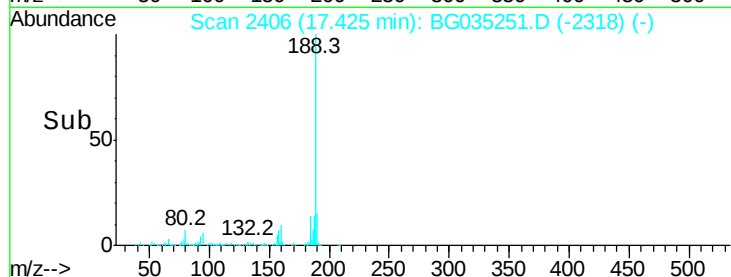
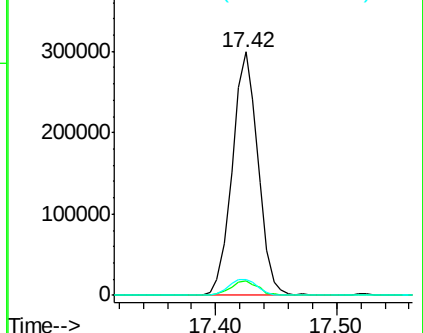
80 6.6 7.7 11.5#



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# 3132

Delta R.T. -0.03 min

Lab File: BG035251.D

Acq: 19 Jun 2018 17:03

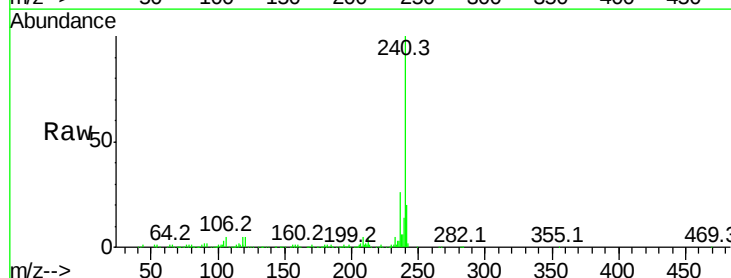
Tgt Ion:240 Resp: 426216

Ion Ratio Lower Upper

240 100

120 5.4 6.8 10.2#

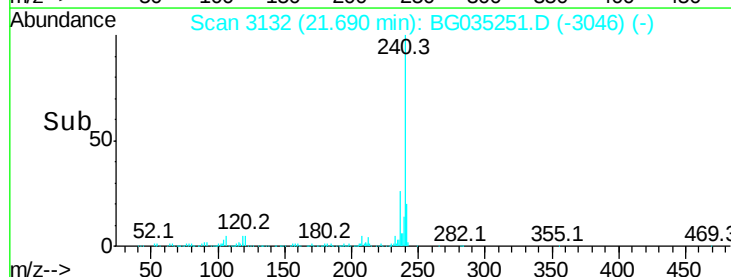
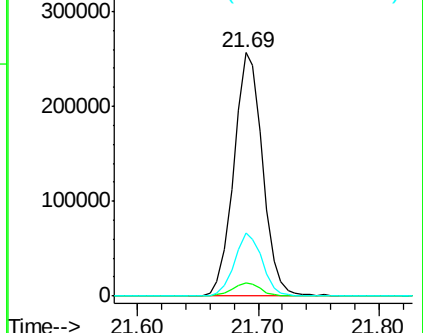
236 26.1 20.9 31.3

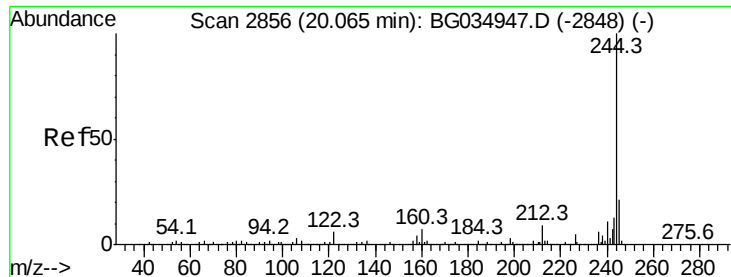


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 126.608 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035251.D

Acq: 19 Jun 2018 17:03

Instrument :

BNA_G

ClientSampleId :

SS-T-5-STONE

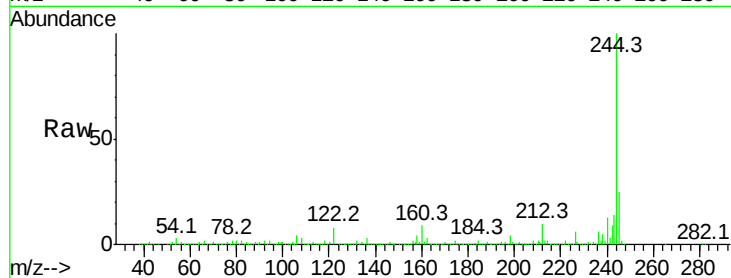
Tot Ion:244 Resp: 2576169

Ion Ratio Lower Upper

244 100

212 10.3 5.8 8.8#

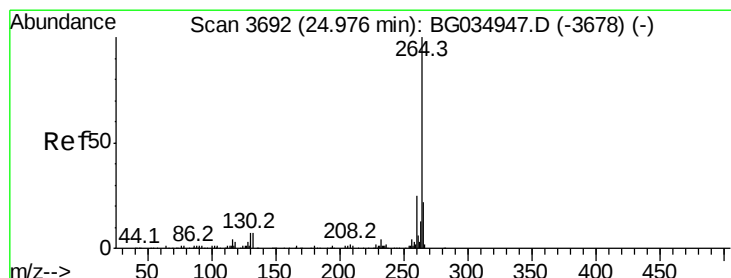
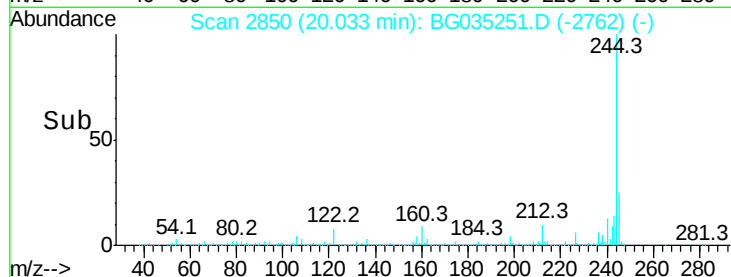
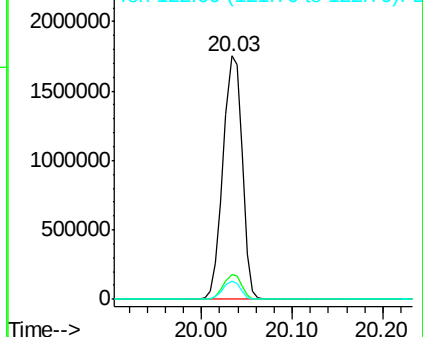
122 7.8 7.0 10.4



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: 24.92 min Scan# 3682

Delta R.T. -0.03 min

Lab File: BG035251.D

Acq: 19 Jun 2018 17:03

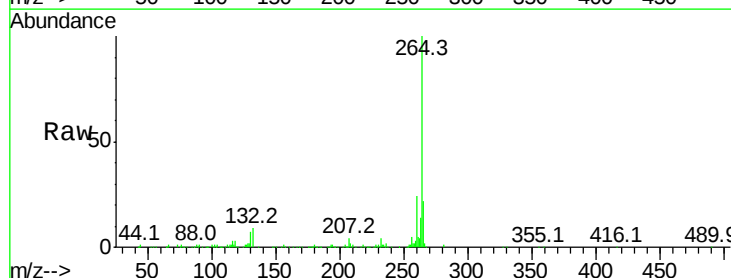
Tgt Ion:264 Resp: 380260

Ion Ratio Lower Upper

264 100

260 24.2 17.4 26.0

265 21.6 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

