

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061818\
 Data File : BG035215.D
 Acq On : 18 Jun 2018 12:40
 Operator : SJ/JU
 Sample : J3505-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-55-COMP

Quant Time: Jun 18 16:45:09 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	53360	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	187048	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	130427	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	377084	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	493860	20.00	ng	-0.02
86) Perylene-d12	24.92	264	423735	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	406821	128.66	ng	0.00
7) Phenol-d6	7.22	99	507157	108.67	ng	0.00
23) Nitrobenzene-d5	9.22	82	439596	111.71	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	318507	190.76	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	953960	95.08	ng	-0.02
78) Terphenyl-d14	20.04	244	2399811	101.79	ng	-0.01

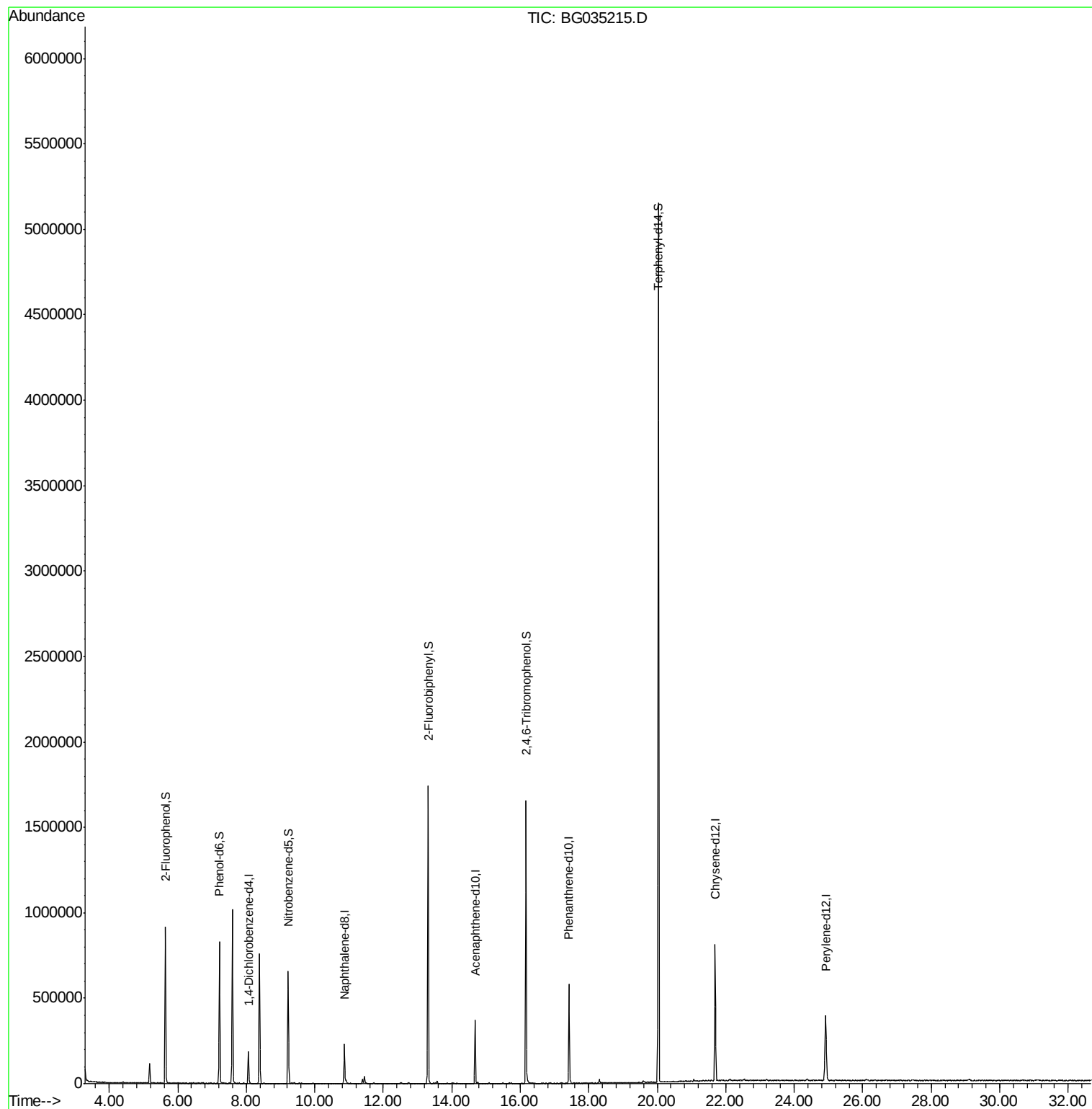
Target Compounds Qvalue

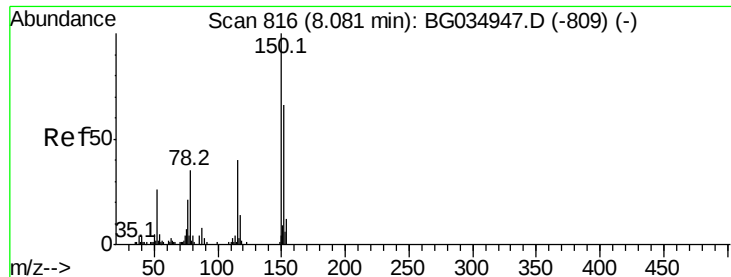
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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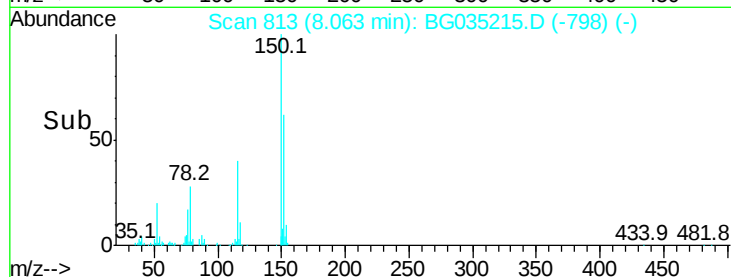
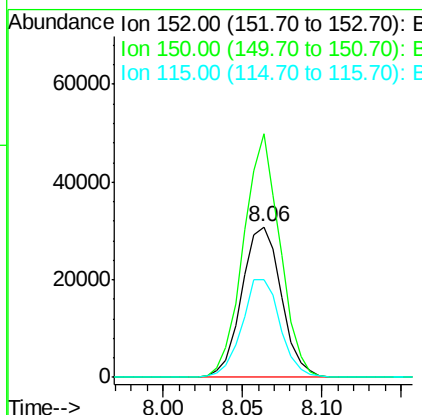
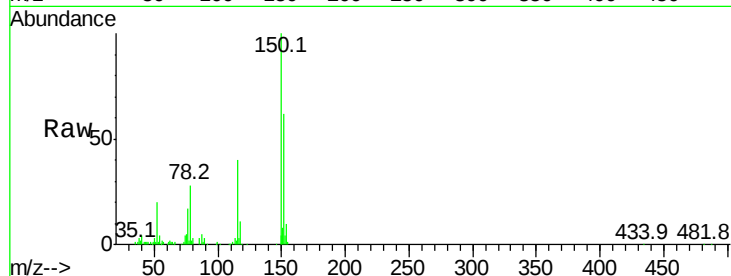


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BG035215.D
 Acq: 18 Jun 2018 12:40

Instrument :
 BNA_G
 ClientSampleId :
 SB-55-COMP

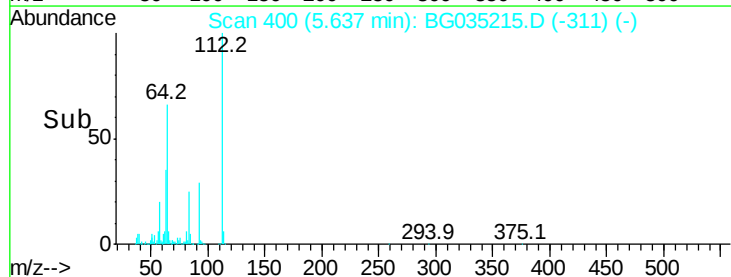
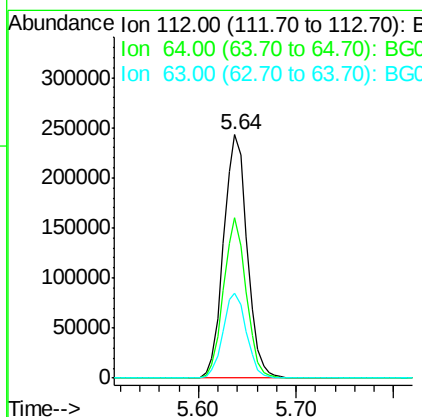
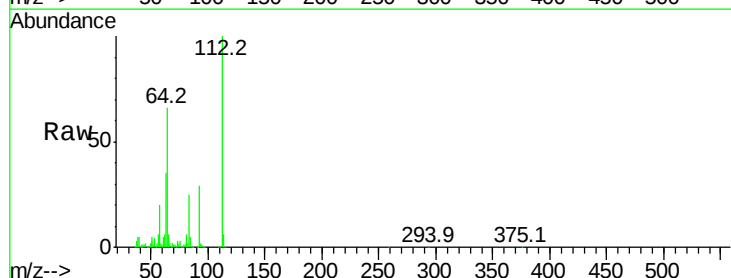
Tot Ion	Ratio	Lower	Upper
152	100		
150	161.8	126.6	189.8
115	65.0	53.0	79.4

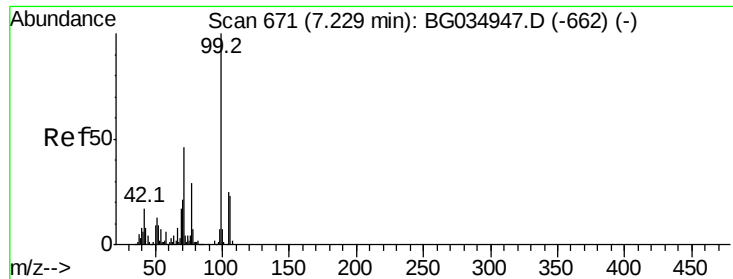


#5

2-Fluorophenol
 Concen: 128.665 ng
 RT: 5.64 min Scan# 400
 Delta R.T. -0.01 min
 Lab File: BG035215.D
 Acq: 18 Jun 2018 12:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.7	56.3	84.5
63	35.1	30.1	45.1





#7

Phenol-d6

Concen: 108.675 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035215.D

Acq: 18 Jun 2018 12:40

Instrument :

BNA_G

ClientSampleId :

SB-55-COMP

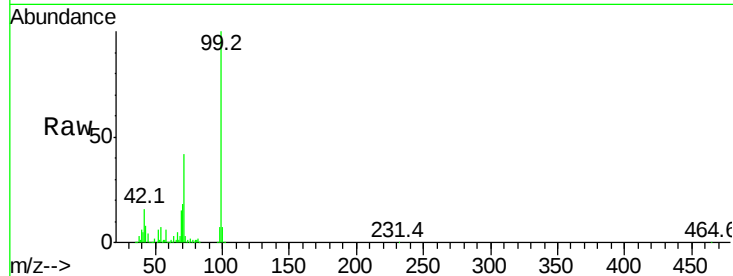
Tot Ion: 99 Resp: 507157

Ion Ratio Lower Upper

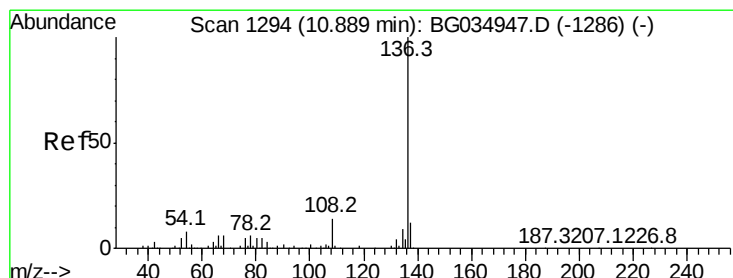
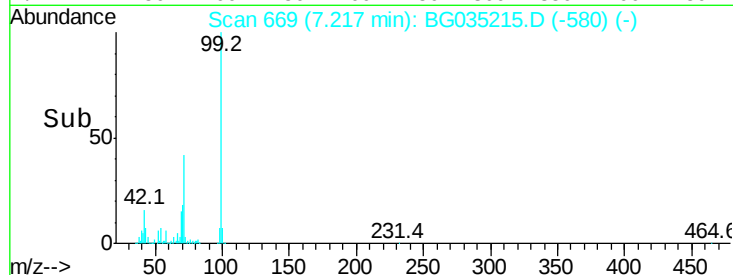
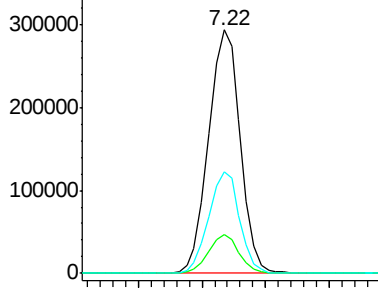
99 100

42 15.9 14.1 21.1

71 41.9 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BG035215.D

Acq: 18 Jun 2018 12:40

Tgt Ion: 136 Resp: 187048

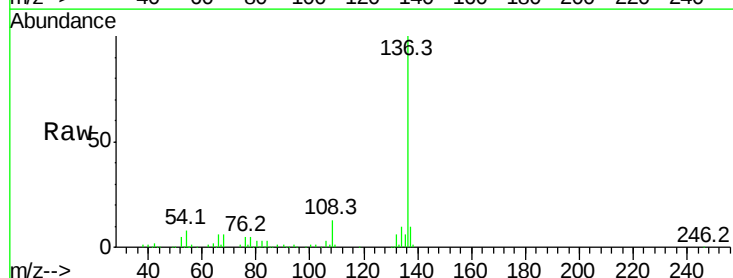
Ion Ratio Lower Upper

136 100

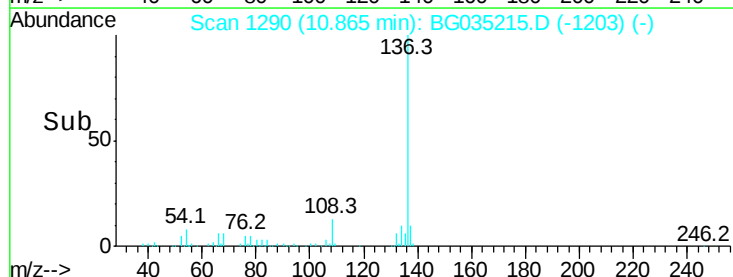
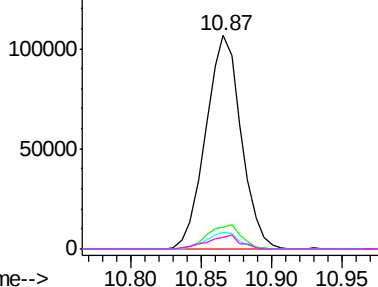
137 10.2 9.2 13.8

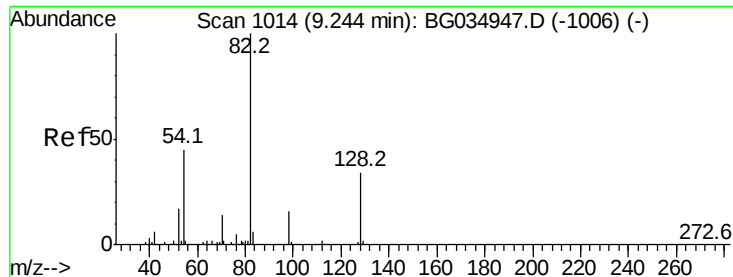
54 7.7 10.3 15.5#

68 5.7 4.5 6.7



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





#23

Nitrobenzene-d5

Concen: 111.714 ng

RT: 9.22 min Scan# 1010

Delta R.T. -0.02 min

Lab File: BG035215.D

Acq: 18 Jun 2018 12:40

Instrument :

BNA_G

ClientSampleId :

SB-55-COMP

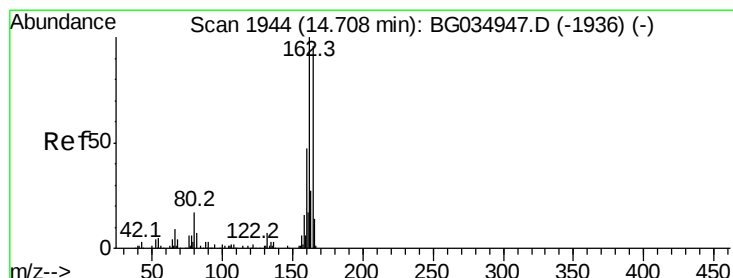
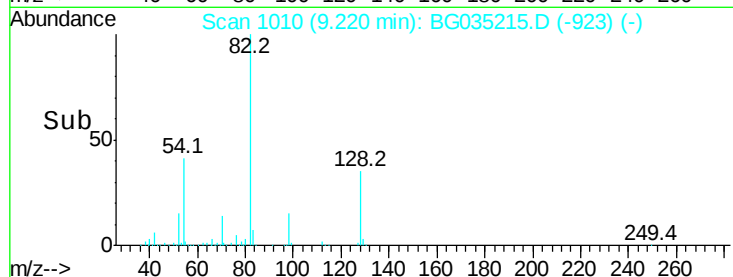
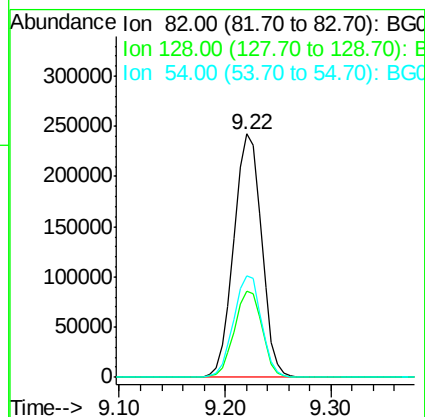
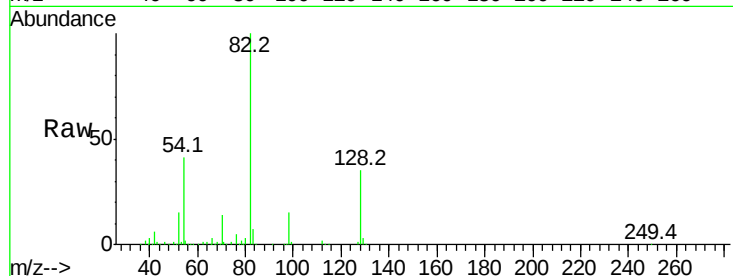
Tot Ion: 82 Resp: 439596

Ion Ratio Lower Upper

82 100

128 35.3 29.7 44.5

54 41.5 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: BG035215.D

Acq: 18 Jun 2018 12:40

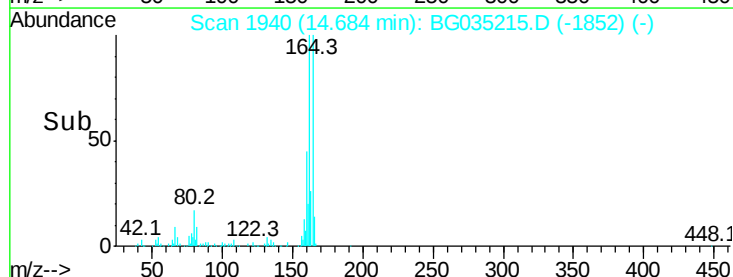
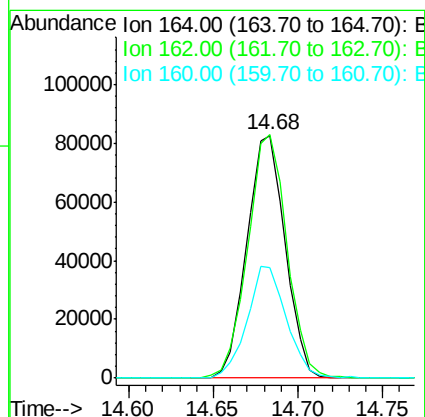
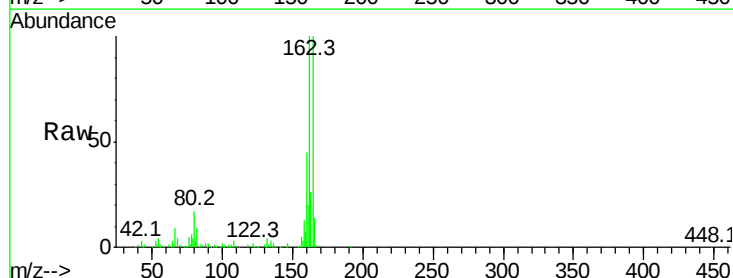
Tgt Ion:164 Resp: 130427

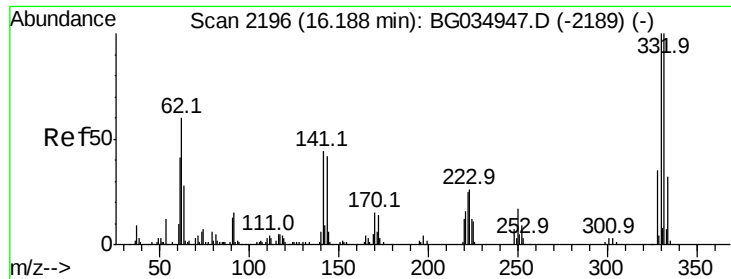
Ion Ratio Lower Upper

164 100

162 100.3 78.8 118.2

160 45.4 35.4 53.0

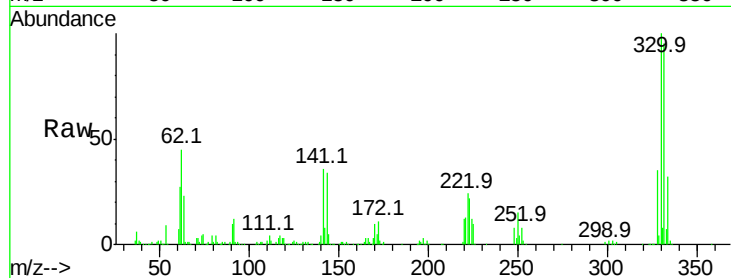




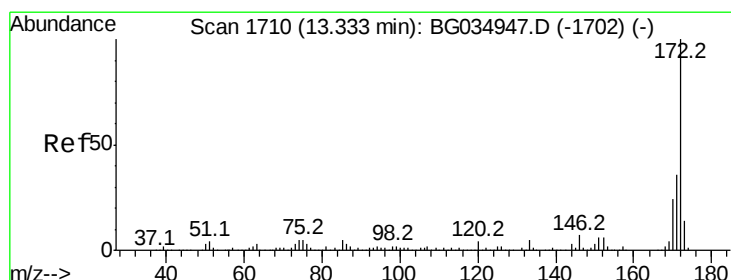
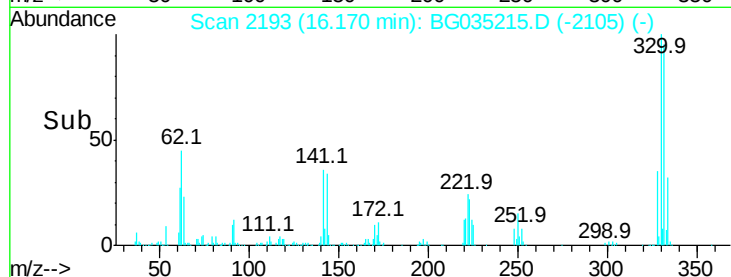
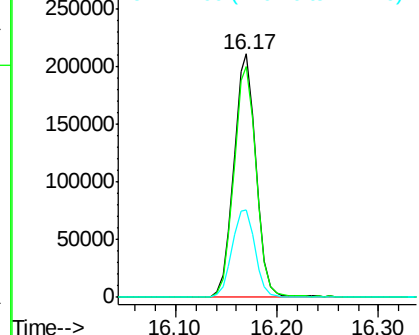
#41
 2,4,6-Tribromophenol
 Concen: 190.765 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035215.D
 Acq: 18 Jun 2018 12:40

Instrument :
 BNA_G
 ClientSampleId :
 SB-55-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	37.6	25.2	37.8

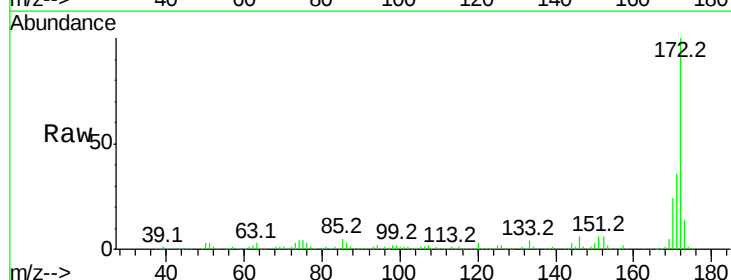


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

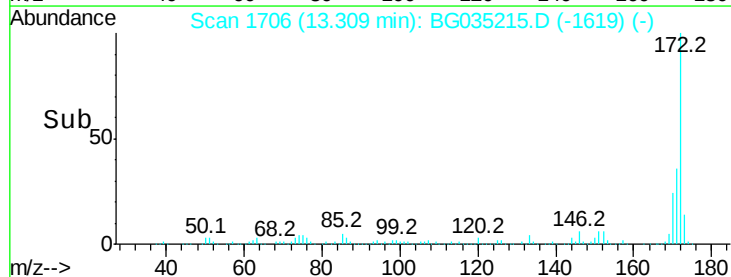
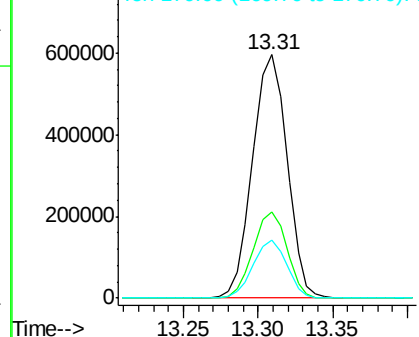


#44
 2-Fluorobiphenyl
 Concen: 95.083 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG035215.D
 Acq: 18 Jun 2018 12:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	30.0	45.0
170	23.8	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

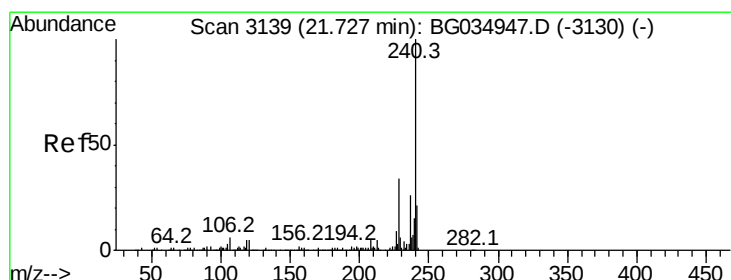
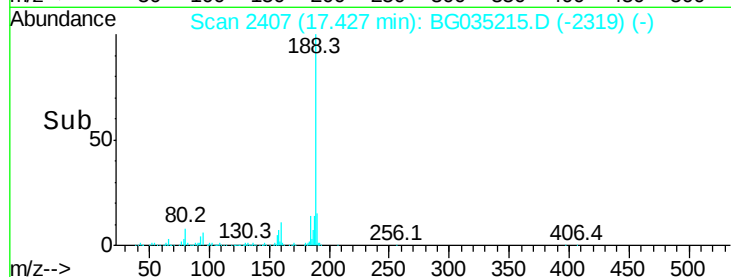
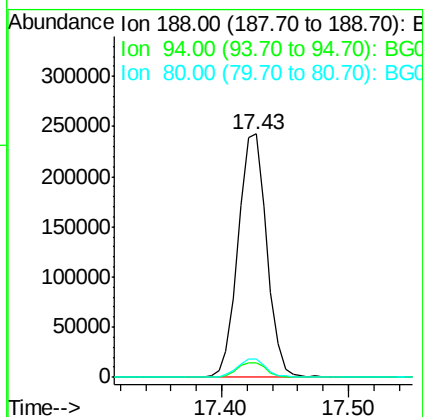
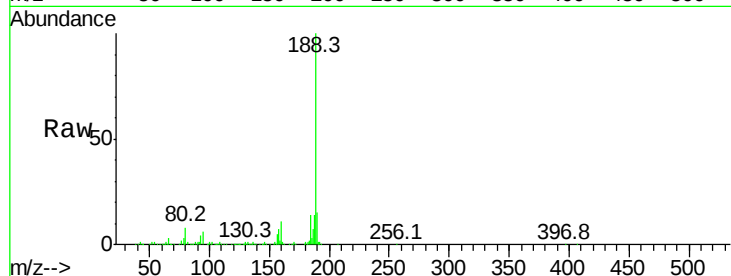




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BG035215.D
Acq: 18 Jun 2018 12:40

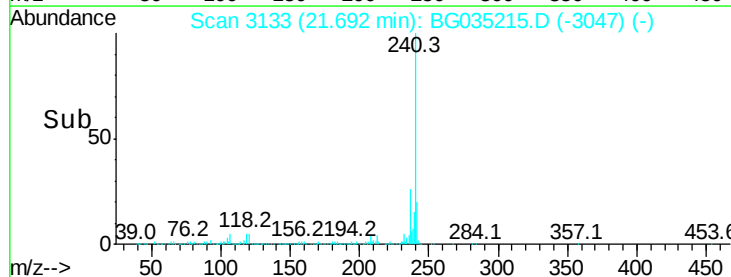
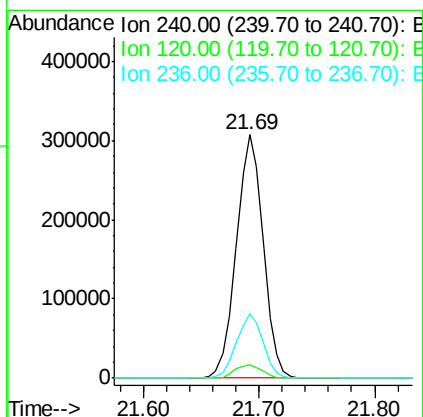
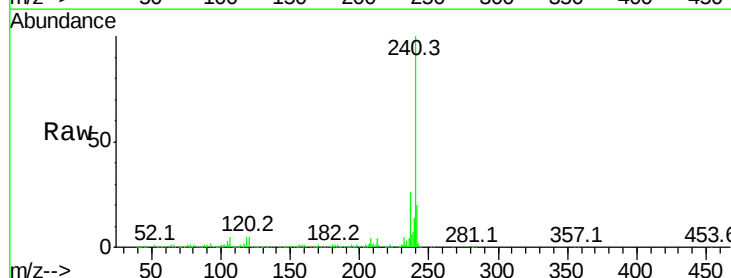
Instrument :
BNA_G
ClientSampleId :
SB-55-COMP

Tot Ion:188 Resp: 377084
Ion Ratio Lower Upper
188 100
94 6.2 6.9 10.3#
80 7.8 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3133
Delta R.T. -0.02 min
Lab File: BG035215.D
Acq: 18 Jun 2018 12:40

Tgt Ion:240 Resp: 493860
Ion Ratio Lower Upper
240 100
120 5.4 6.8 10.2#
236 26.2 20.9 31.3





#78

Terphenyl-d14

Concen: 101.786 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG035215.D

Acq: 18 Jun 2018 12:40

Instrument :

BNA_G

ClientSampleId :

SB-55-COMP

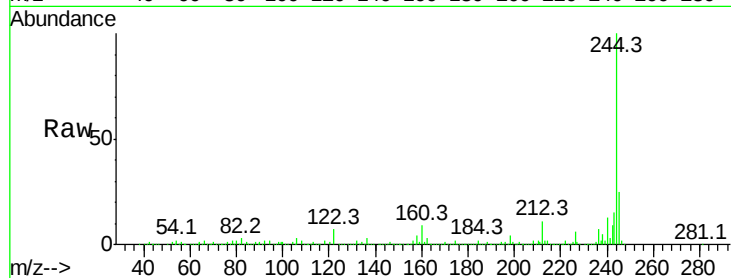
Tot Ion:244 Resp: 2399811

Ion Ratio Lower Upper

244 100

212 10.6 5.8 8.8#

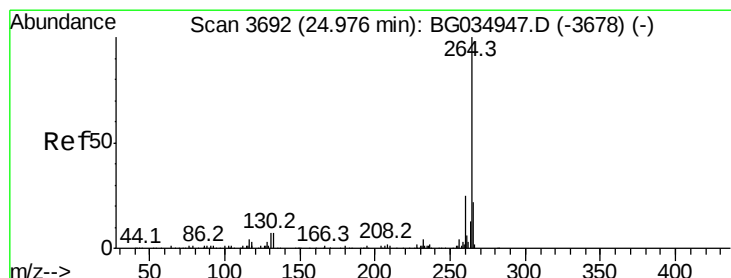
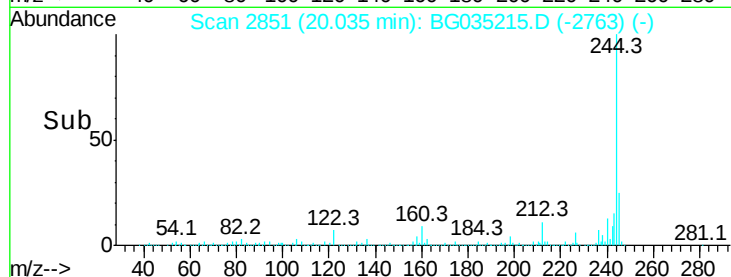
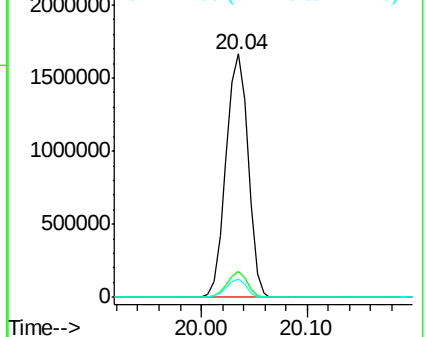
122 7.5 7.0 10.4



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. -0.04 min

Lab File: BG035215.D

Acq: 18 Jun 2018 12:40

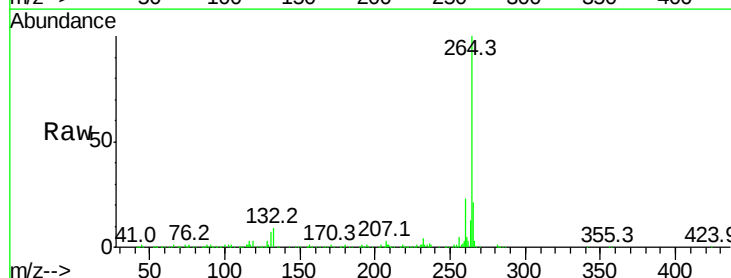
Tgt Ion:264 Resp: 423735

Ion Ratio Lower Upper

264 100

260 23.2 17.4 26.0

265 21.0 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

