

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062118\
 Data File : BG035318.D
 Acq On : 22 Jun 2018 4:23
 Operator : JU/SJ
 Sample : J3603-08
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 26KV-TP-4

Quant Time: Jun 22 05:47:09 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	49635	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	174679	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	114394	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	323663	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	364178	20.00	ng	-0.04
86) Perylene-d12	24.90	264	348654	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	421542	143.33	ng	-0.01
7) Phenol-d6	7.22	99	543231	125.14	ng	0.00
23) Nitrobenzene-d5	9.22	82	420599	114.46	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	290442	198.34	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	914436	103.92	ng	-0.02
78) Terphenyl-d14	20.02	244	1765176	101.53	ng	-0.02

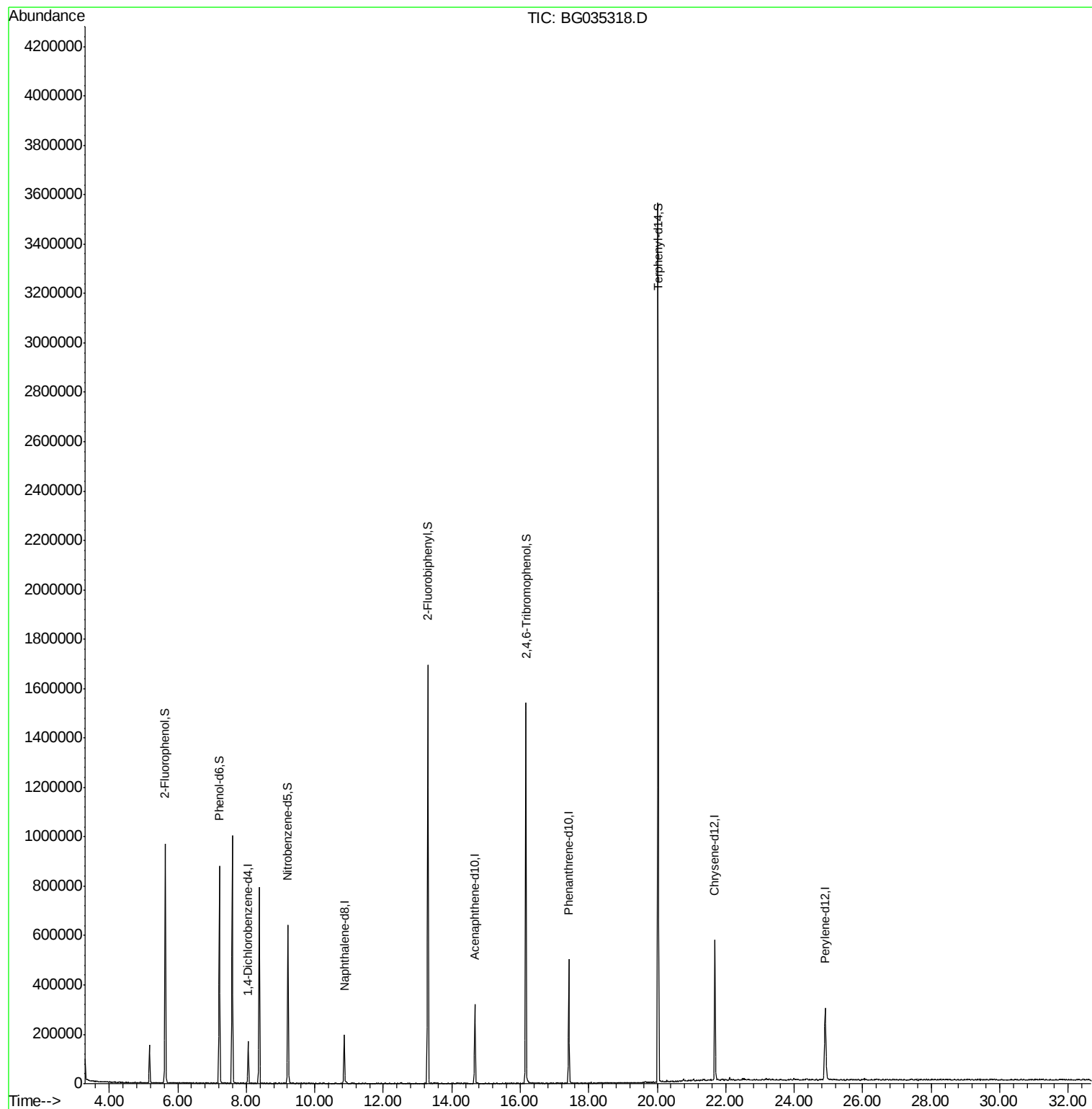
Target Compounds Qvalue

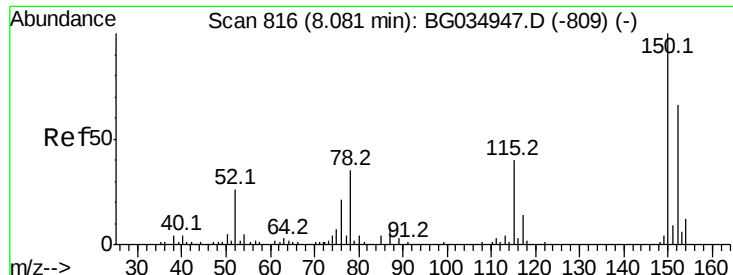
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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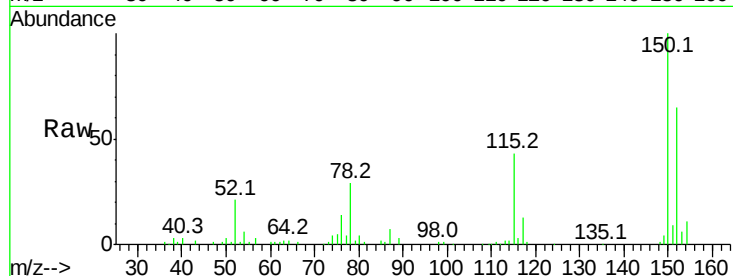


#1

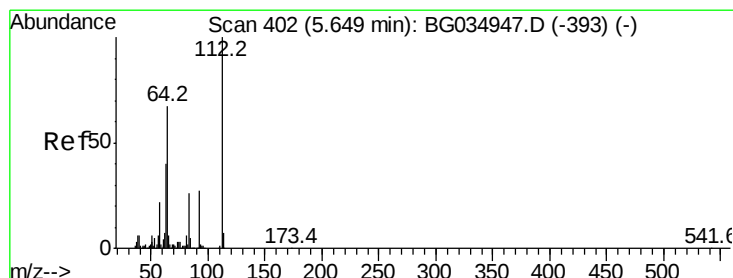
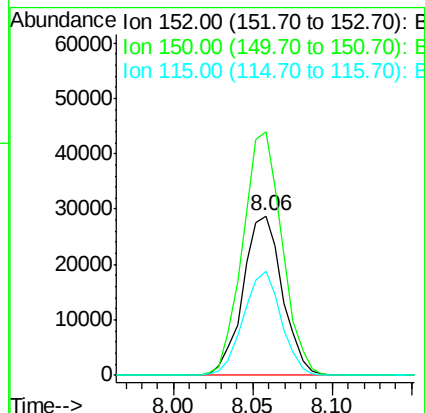
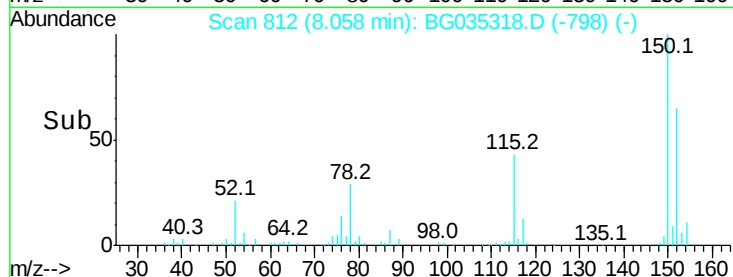
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035318.D
Acq: 22 Jun 2018 4:23

Instrument :
BNA_G
ClientSampleId :
26KV-TP-4

Tot Ion:152 Resp: 49635
Ion Ratio Lower Upper
152 100
150 152.8 126.6 189.8
115 65.3 53.0 79.4



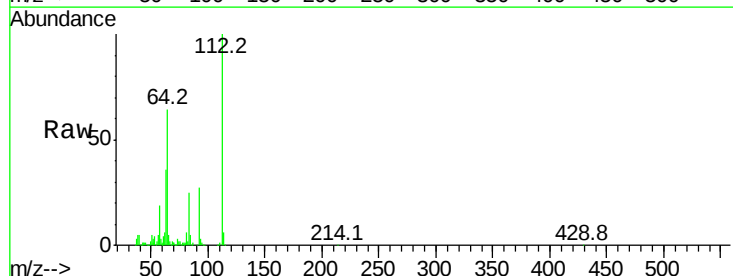
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



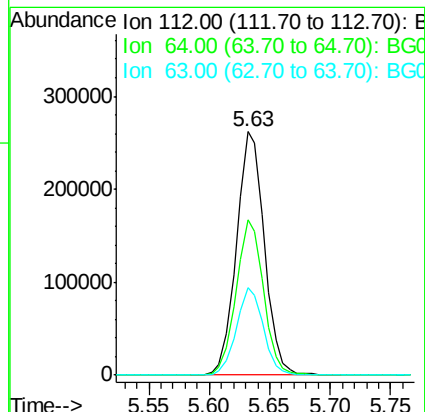
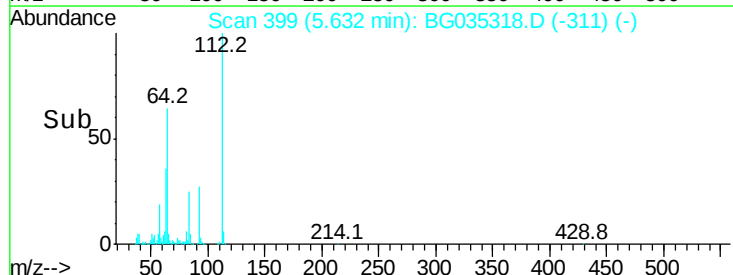
#5

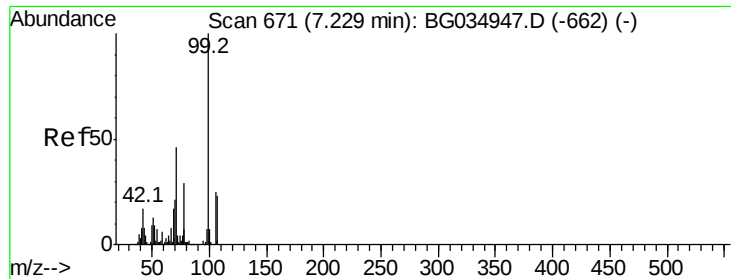
2-Fluorophenol
Concen: 143.326 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035318.D
Acq: 22 Jun 2018 4:23

Tgt Ion:112 Resp: 421542
Ion Ratio Lower Upper
112 100
64 64.0 56.3 84.5
63 35.7 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: 125.141 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035318.D

Acq: 22 Jun 2018 4:23

Instrument :

BNA_G

ClientSampleId :

26KV-TP-4

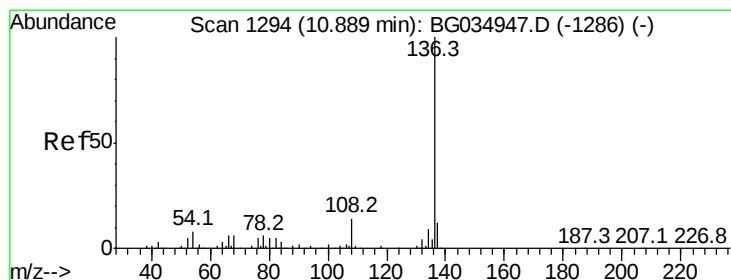
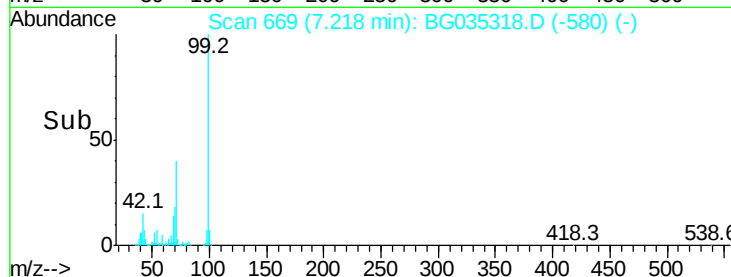
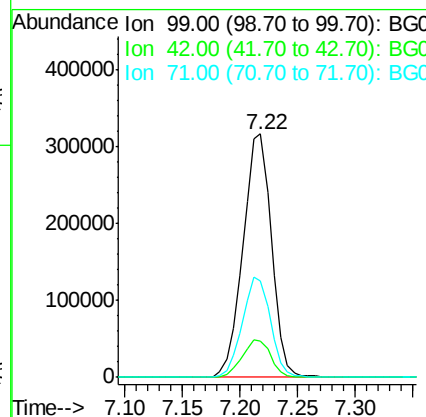
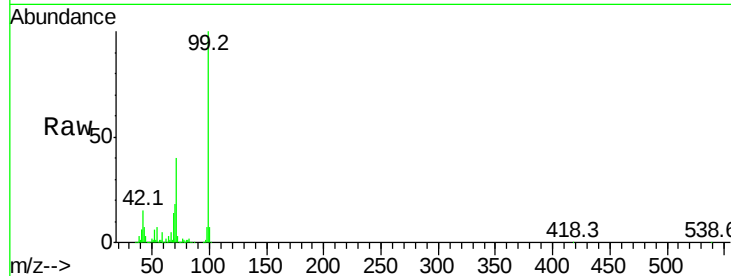
Tot Ion: 99 Resp: 543231

Ion Ratio Lower Upper

99 100

42 15.1 14.1 21.1

71 39.7 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: BG035318.D

Acq: 22 Jun 2018 4:23

Tgt Ion: 136 Resp: 174679

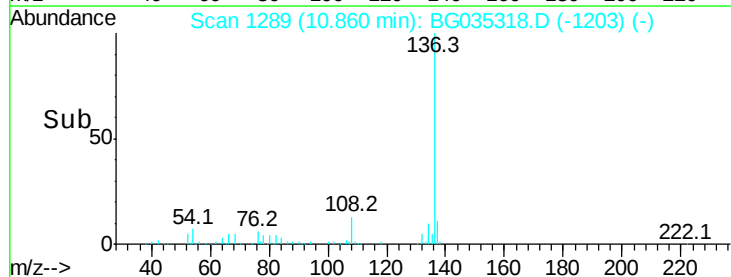
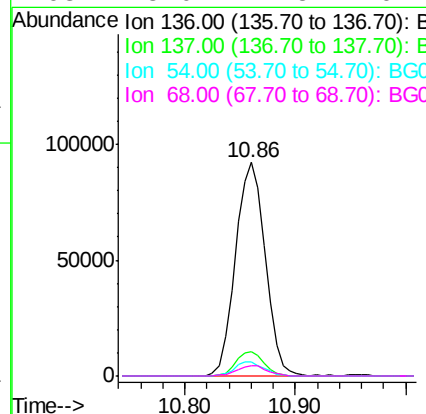
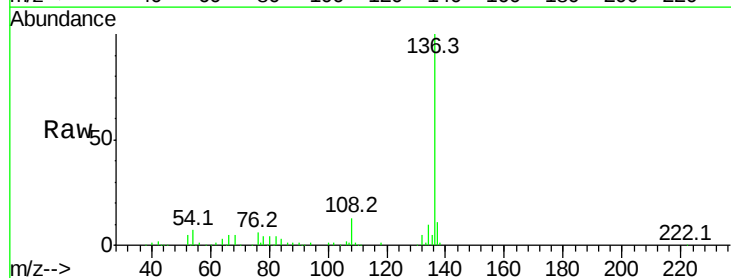
Ion Ratio Lower Upper

136 100

137 11.5 9.2 13.8

54 6.6 10.3 15.5#

68 5.0 4.5 6.7





#23

Nitrobenzene-d5

Concen: 114.455 ng

RT: 9.22 min Scan# 1009

Delta R.T. -0.02 min

Lab File: BG035318.D

Acq: 22 Jun 2018 4:23

Instrument :

BNA_G

ClientSampleId :

26KV-TP-4

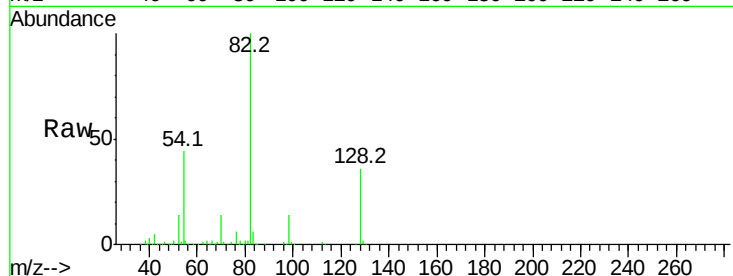
Tot Ion: 82 Resp: 420599

Ion Ratio Lower Upper

82 100

128 36.5 29.7 44.5

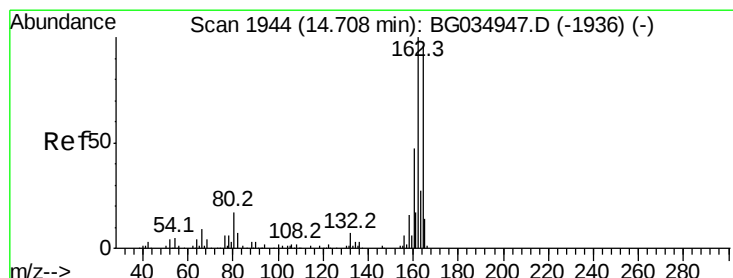
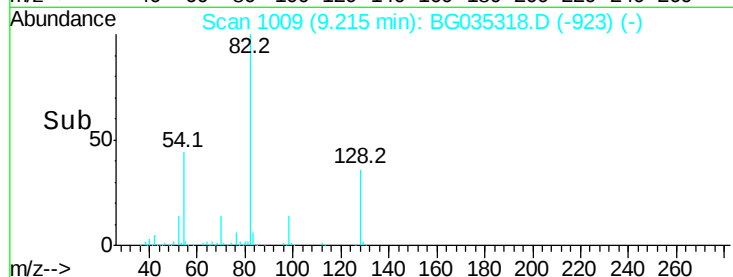
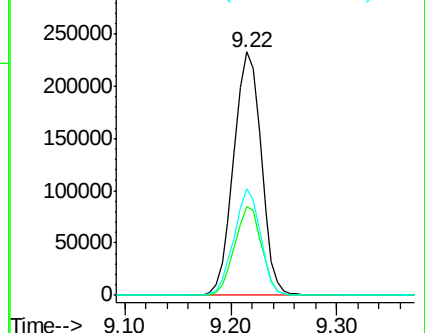
54 43.6 43.1 64.7



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1938

Delta R.T. -0.02 min

Lab File: BG035318.D

Acq: 22 Jun 2018 4:23

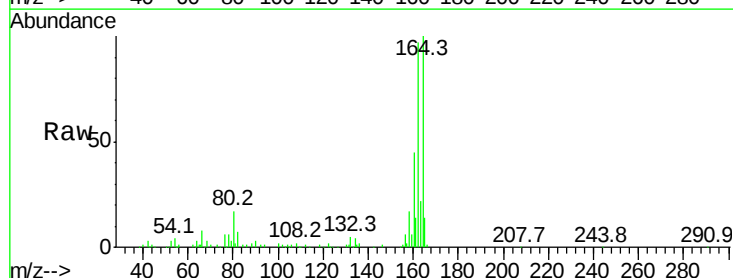
Tgt Ion: 164 Resp: 114394

Ion Ratio Lower Upper

164 100

162 97.3 78.8 118.2

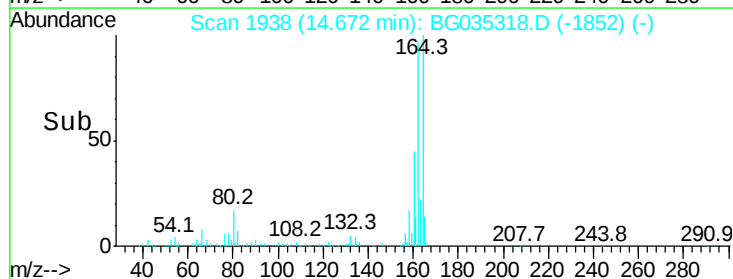
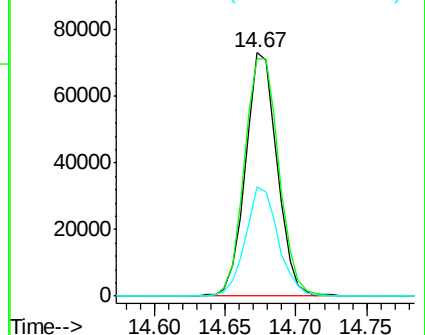
160 44.7 35.4 53.0

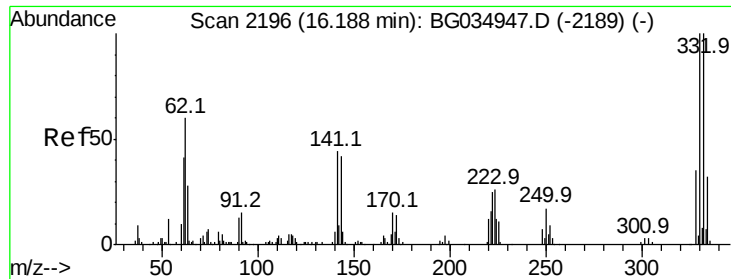


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

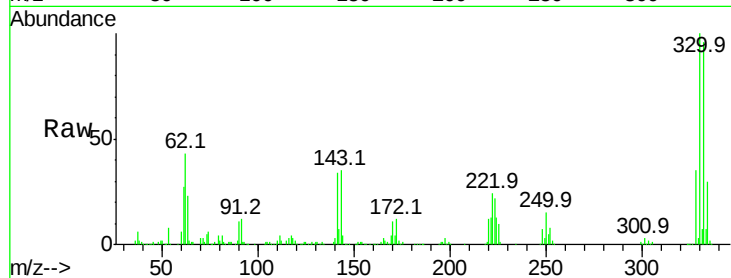




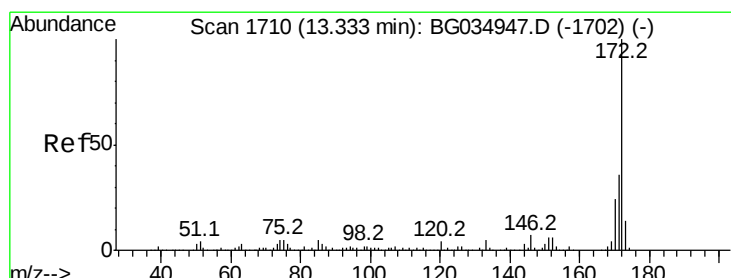
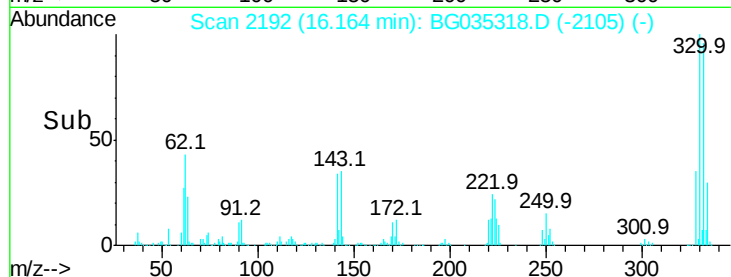
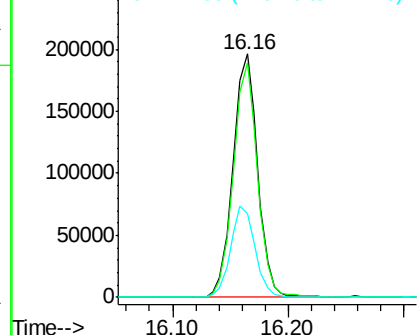
#41
 2,4,6-Tribromophenol
 Concen: 198.337 ng
 RT: 16.16 min Scan# 2192
 Delta R.T. -0.02 min
 Lab File: BG035318.D
 Acq: 22 Jun 2018 4:23

Instrument :
 BNA_G
 ClientSampleId :
 26KV-TP-4

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.1	77.0	115.6
141	37.5	25.2	37.8

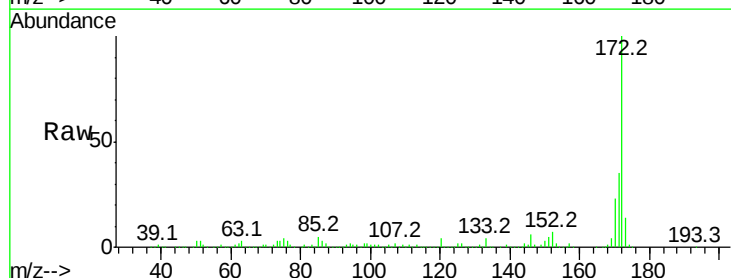


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

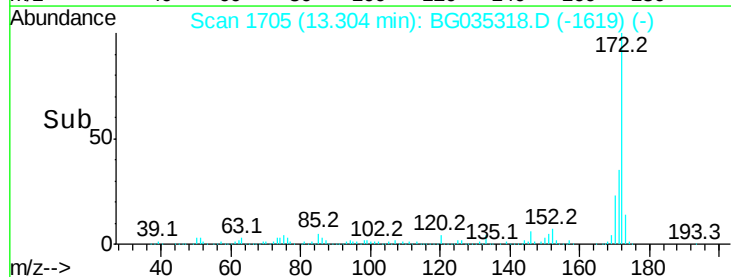
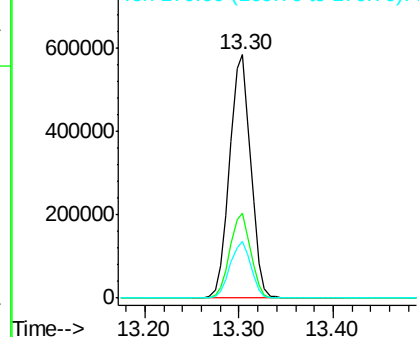


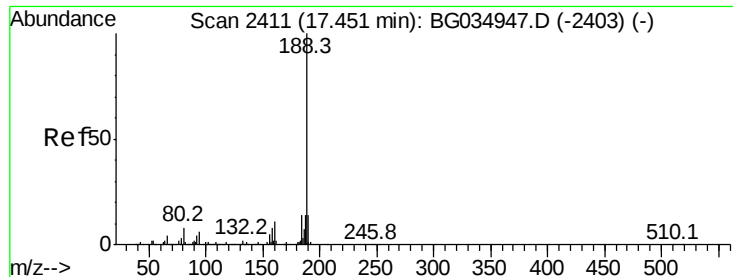
#44
 2-Fluorobiphenyl
 Concen: 103.918 ng
 RT: 13.30 min Scan# 1705
 Delta R.T. -0.02 min
 Lab File: BG035318.D
 Acq: 22 Jun 2018 4:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	30.0	45.0
170	23.4	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

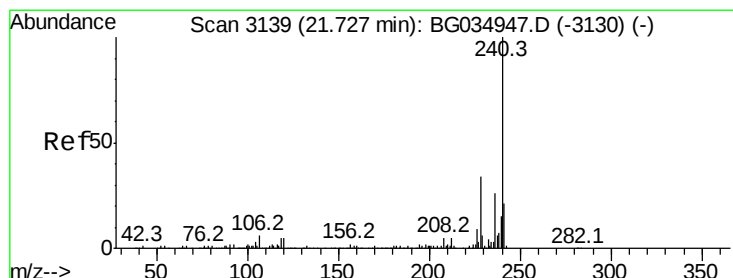
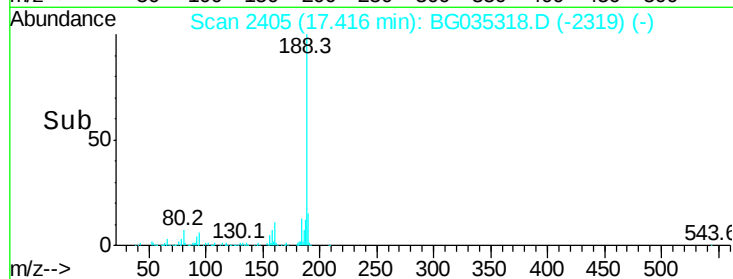
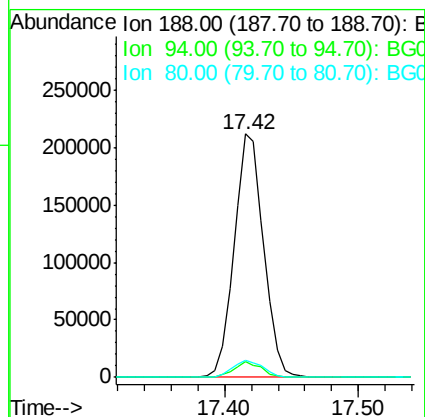
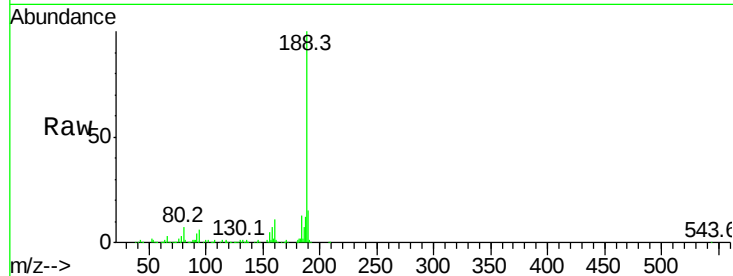




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.02 min
Lab File: BG035318.D
Acq: 22 Jun 2018 4:23

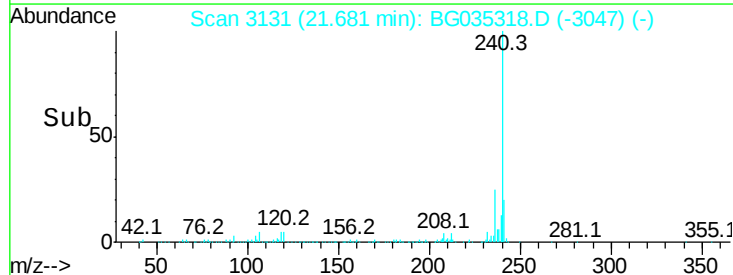
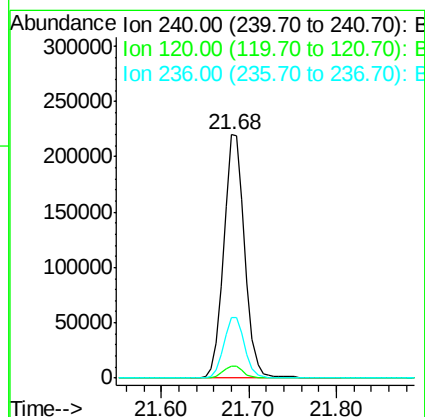
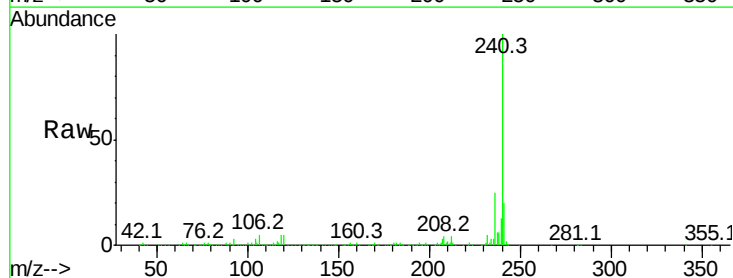
Instrument :
BNA_G
ClientSampled :
26KV-TP-4

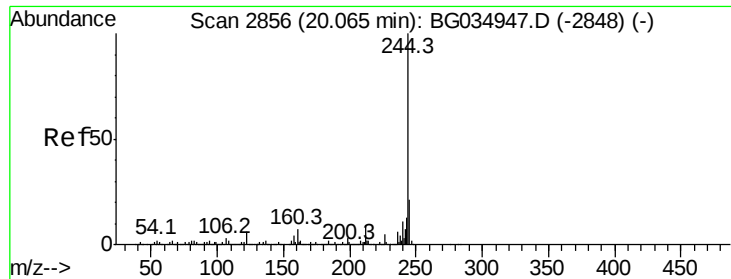
Tot Ion:188 Resp: 323663
Ion Ratio Lower Upper
188 100
94 6.3 6.9 10.3#
80 7.1 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.04 min
Lab File: BG035318.D
Acq: 22 Jun 2018 4:23

Tgt Ion:240 Resp: 364178
Ion Ratio Lower Upper
240 100
120 5.1 6.8 10.2#
236 25.1 20.9 31.3





#78

Terphenyl-d14

Concen: 101.529 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035318.D

Acq: 22 Jun 2018 4:23

Instrument :

BNA_G

ClientSampleId :

26KV-TP-4

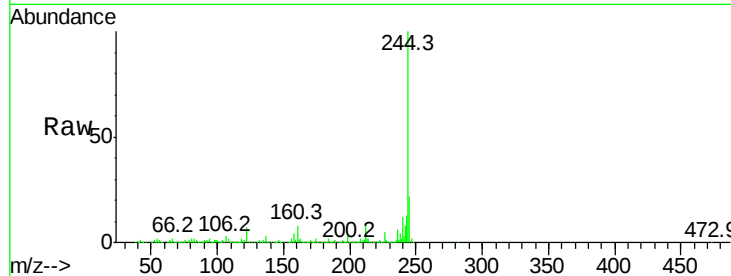
Tot Ion:244 Resp: 1765176

Ion Ratio Lower Upper

244 100

212 9.3 5.8 8.8#

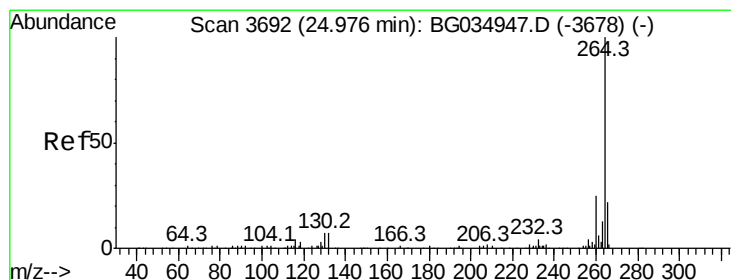
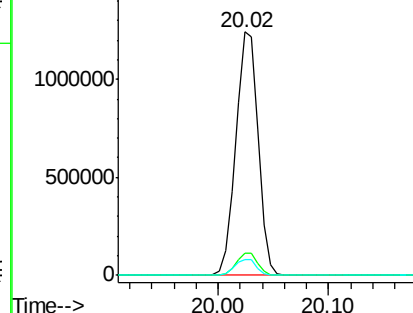
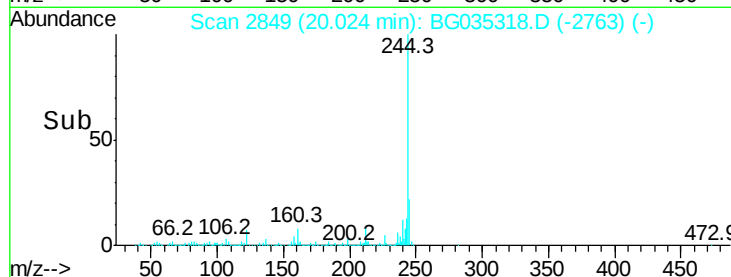
122 6.6 7.0 10.4#



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: 24.90 min Scan# 3679

Delta R.T. -0.05 min

Lab File: BG035318.D

Acq: 22 Jun 2018 4:23

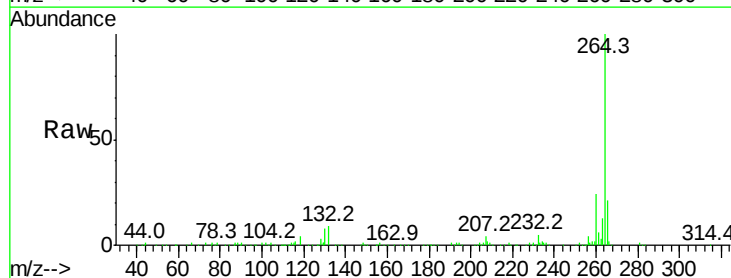
Tgt Ion:264 Resp: 348654

Ion Ratio Lower Upper

264 100

260 24.2 17.4 26.0

265 21.4 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

