

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062518\
 Data File : BG035406.D
 Acq On : 26 Jun 2018 10:17
 Operator : JU/SJ
 Sample : PB110513BL
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB110513BL

Quant Time: Jun 26 11:47:23 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	53496	20.00	ng	-0.03
21) Naphthalene-d8	10.85	136	189816	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	133984	20.00	ng	-0.03
63) Phenanthrene-d10	17.41	188	360195	20.00	ng	-0.03
75) Chrysene-d12	21.68	240	410299	20.00	ng	-0.04
86) Perylene-d12	24.90	264	376006	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	301495	95.11	ng	-0.02
7) Phenol-d6	7.21	99	440773	94.21	ng	-0.02
23) Nitrobenzene-d5	9.21	82	419150	104.96	ng	-0.03
41) 2,4,6-Tribromophenol	16.16	330	187067	109.07	ng	-0.03
44) 2-Fluorobiphenyl	13.29	172	995435	96.58	ng	-0.03
78) Terphenyl-d14	20.02	244	1736851	88.67	ng	-0.03

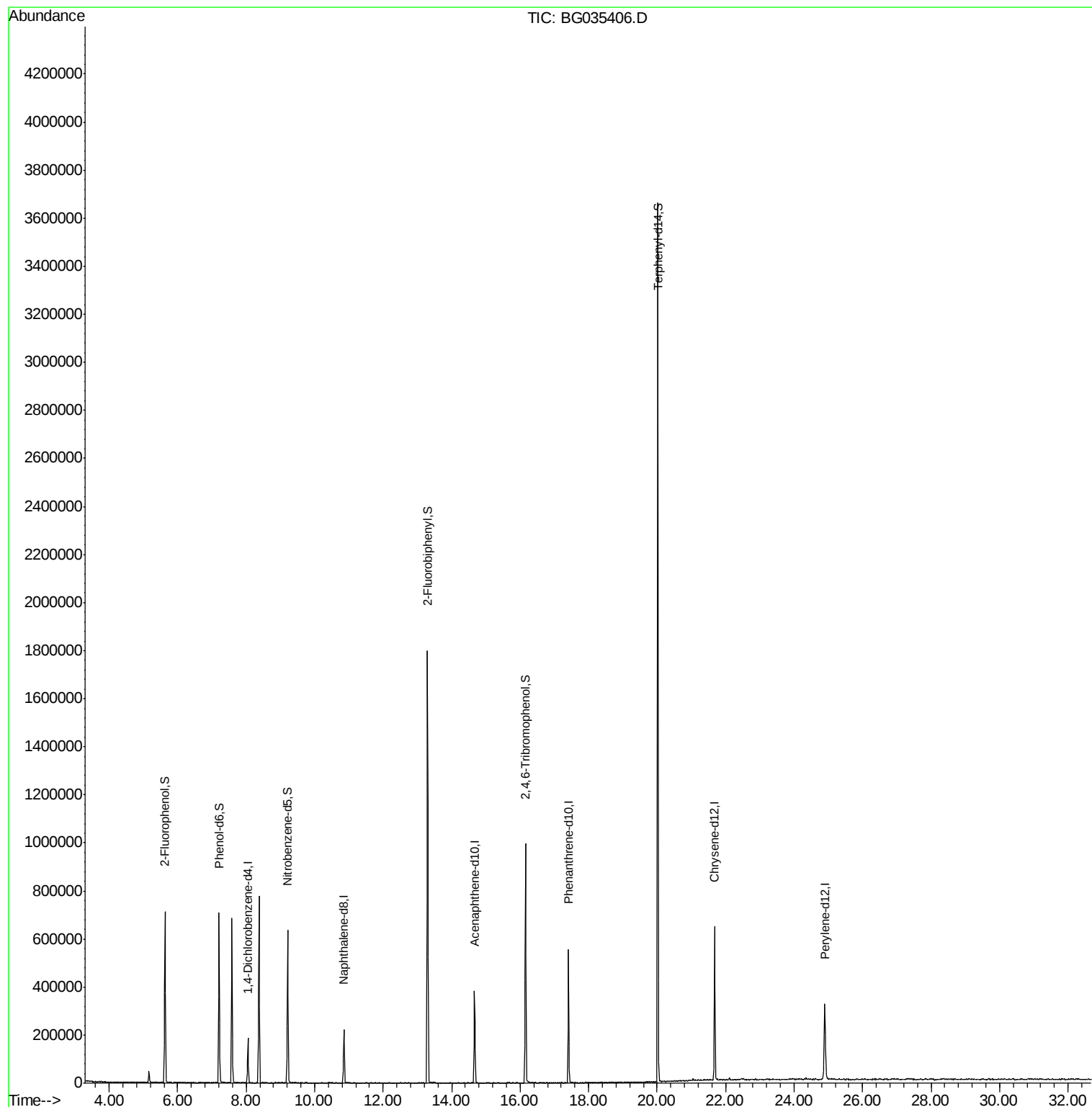
Target Compounds Qvalue

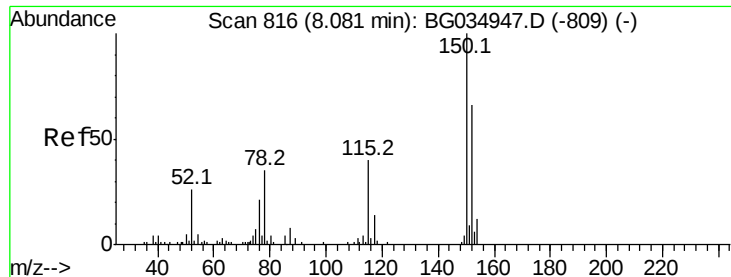
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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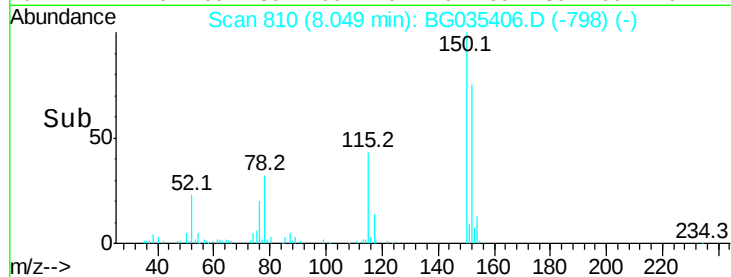
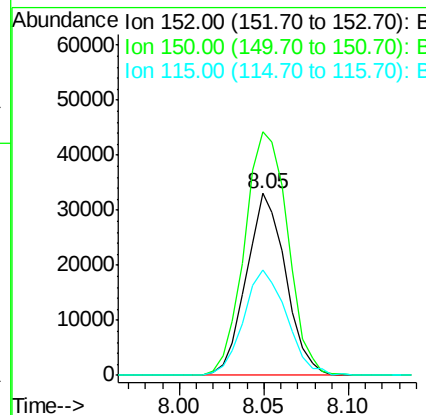
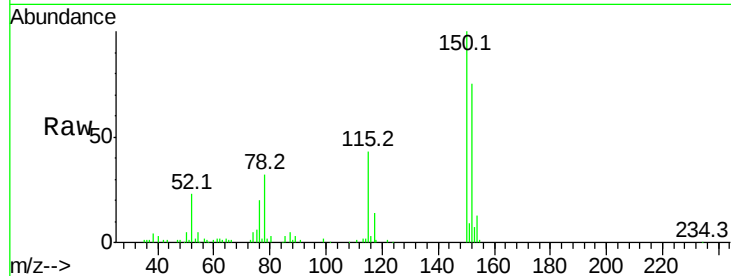


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.03 min
Lab File: BG035406.D
Acq: 26 Jun 2018 10:17

Instrument :
BNA_G
ClientSampleId :
PB110513BL

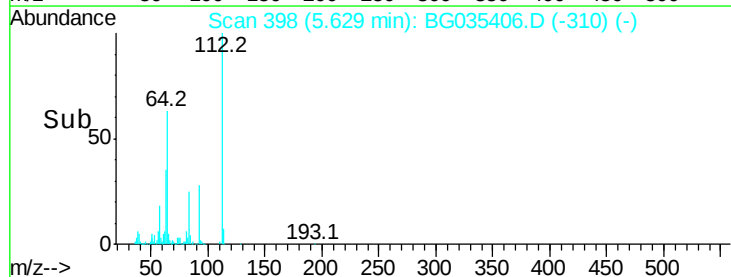
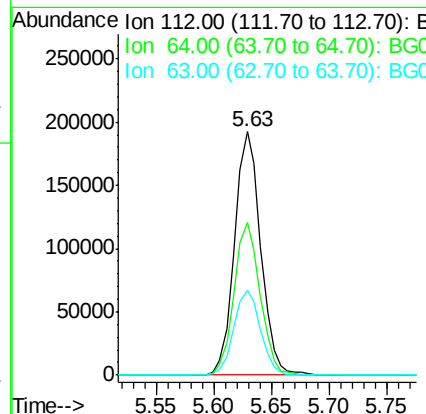
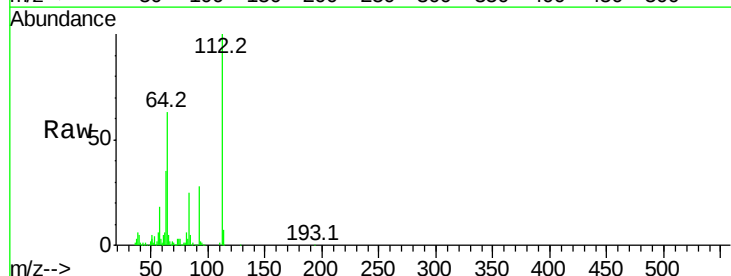
Tot Ion	Ratio	Lower	Upper
152	100		
150	133.8	126.6	189.8
115	58.0	53.0	79.4

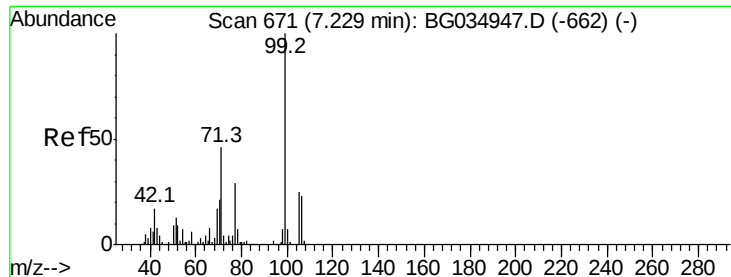


#5

2-Fluorophenol
Concen: 95.111 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.02 min
Lab File: BG035406.D
Acq: 26 Jun 2018 10:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.0	56.3	84.5
63	34.8	30.1	45.1





#7

Phenol-d6

Concen: 94.210 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.02 min

Lab File: BG035406.D

Acq: 26 Jun 2018 10:17

Instrument :

BNA_G

ClientSampleId :

PB110513BL

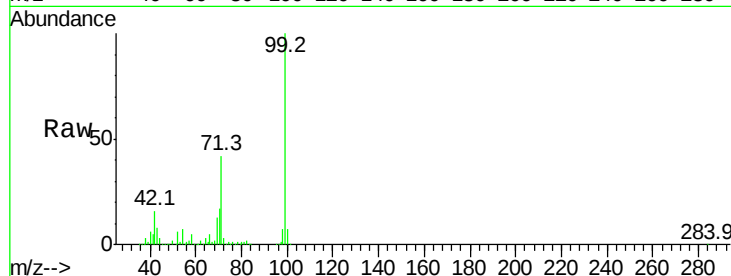
Tot Ion: 99 Resp: 440773

Ion Ratio Lower Upper

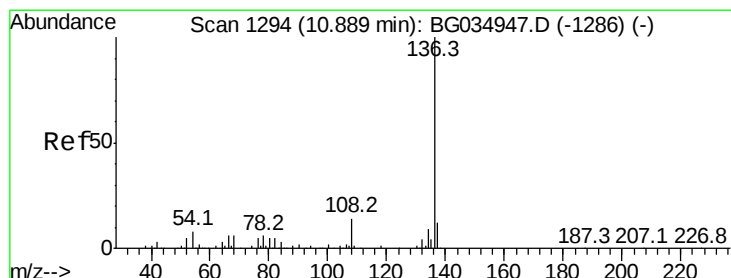
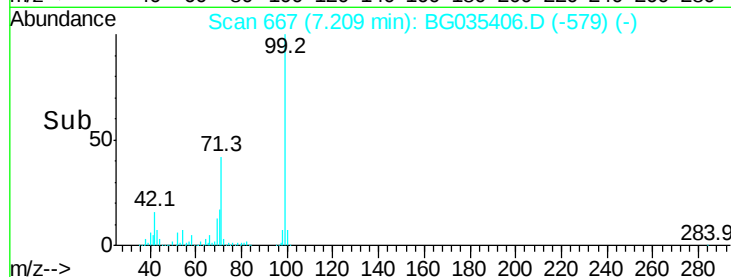
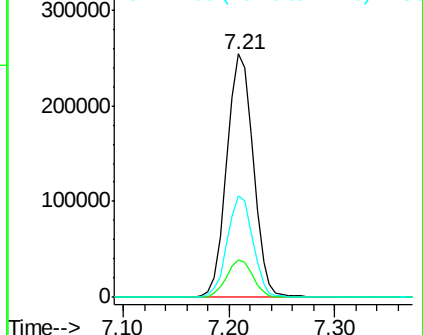
99 100

42 15.6 14.1 21.1

71 41.8 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: 10.85 min Scan# 1287

Delta R.T. -0.03 min

Lab File: BG035406.D

Acq: 26 Jun 2018 10:17

Tgt Ion: 136 Resp: 189816

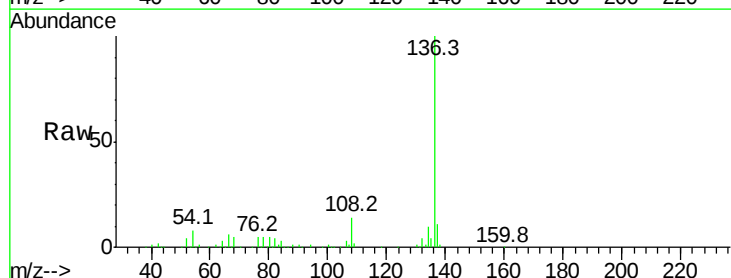
Ion Ratio Lower Upper

136 100

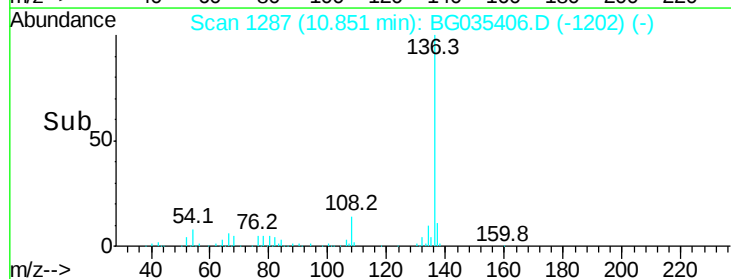
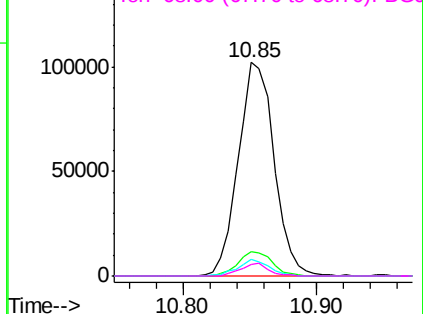
137 11.3 9.2 13.8

54 7.6 10.3 15.5#

68 5.5 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: 104.965 ng

RT: 9.21 min Scan# 1008

Delta R.T. -0.03 min

Lab File: BG035406.D

Acq: 26 Jun 2018 10:17

Instrument :

BNA_G

ClientSampleId :

PB110513BL

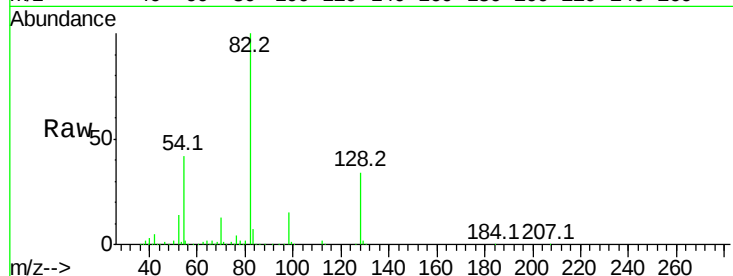
Tot Ion: 82 Resp: 419150

Ion Ratio Lower Upper

82 100

128 34.3 29.7 44.5

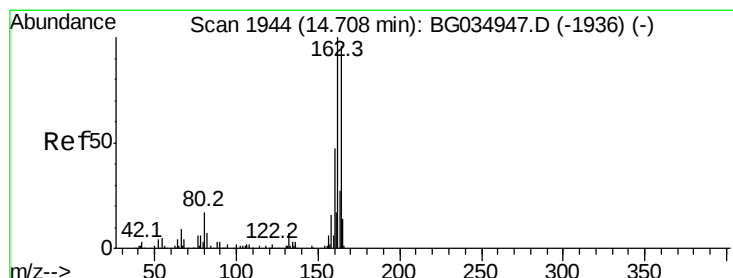
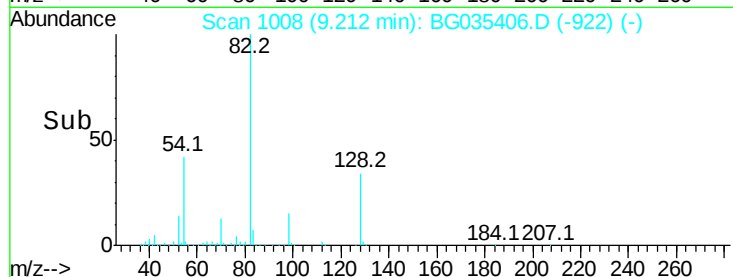
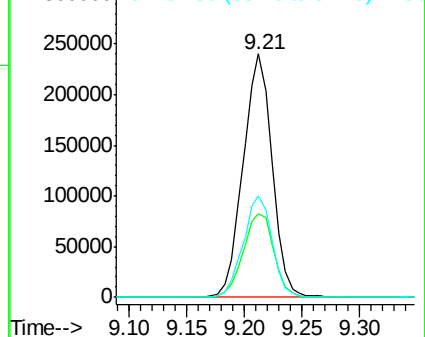
54 41.8 43.1 64.7#



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# 1937

Delta R.T. -0.03 min

Lab File: BG035406.D

Acq: 26 Jun 2018 10:17

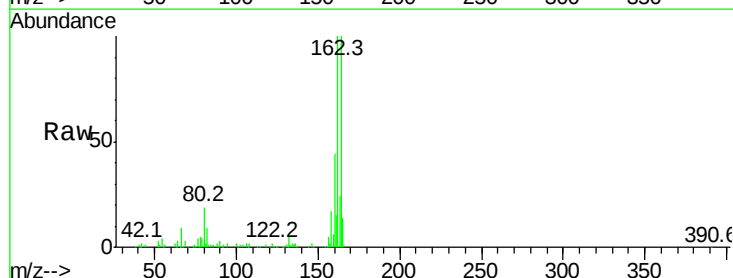
Tgt Ion: 164 Resp: 133984

Ion Ratio Lower Upper

164 100

162 99.9 78.8 118.2

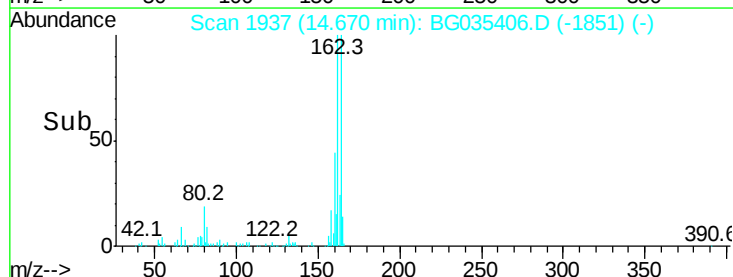
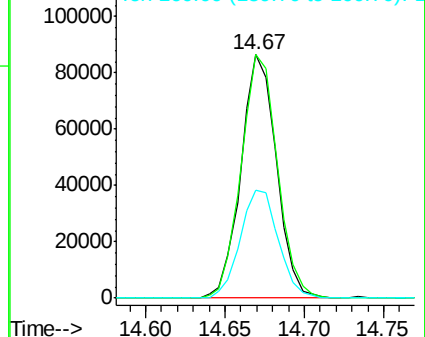
160 44.3 35.4 53.0

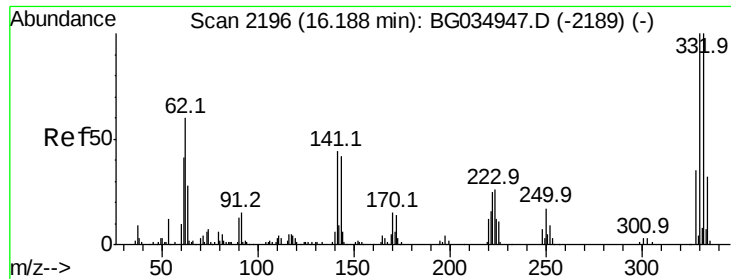


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

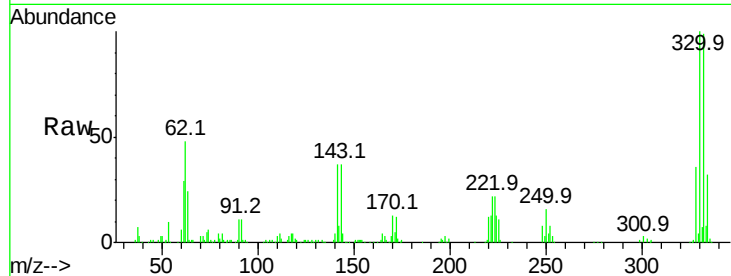




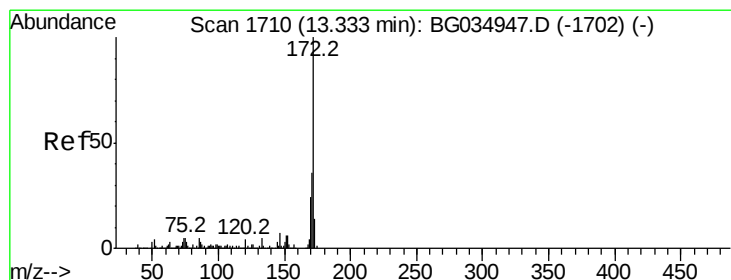
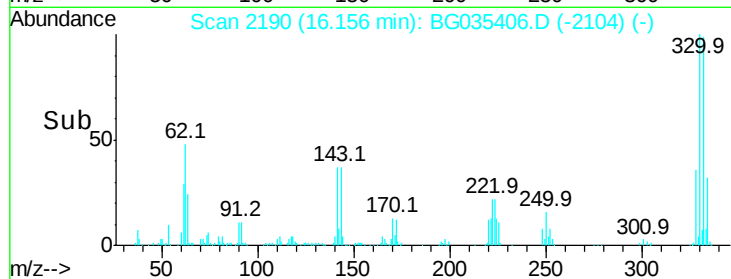
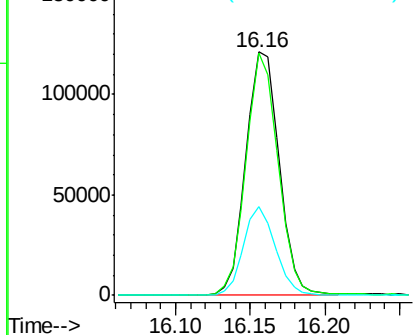
#41
 2,4,6-Tribromophenol
 Concen: 109.066 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.03 min
 Lab File: BG035406.D
 Acq: 26 Jun 2018 10:17

Instrument :
 BNA_G
 ClientSampleId :
 PB110513BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	35.0	25.2	37.8

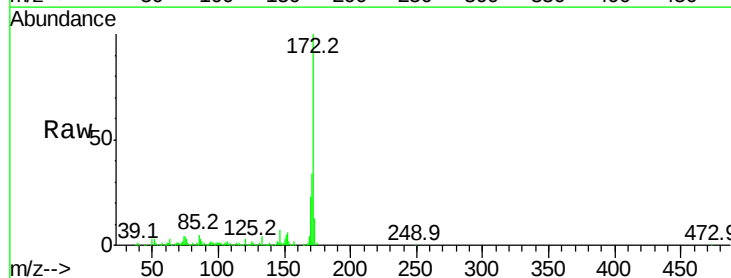


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

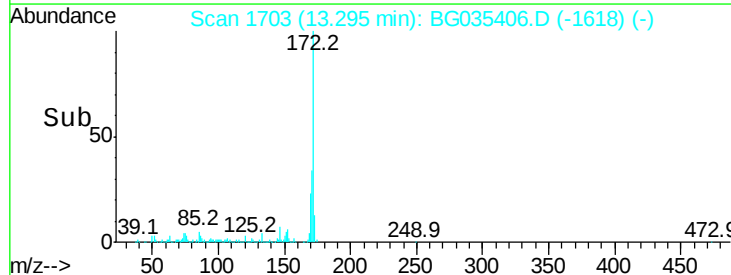
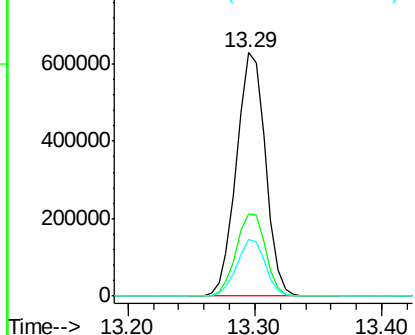


#44
 2-Fluorobiphenyl
 Concen: 96.583 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. -0.03 min
 Lab File: BG035406.D
 Acq: 26 Jun 2018 10:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.9	30.0	45.0
170	23.1	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: 17.41 min Scan# 2404

Delta R.T. -0.03 min

Lab File: BG035406.D

Acq: 26 Jun 2018 10:17

Instrument :

BNA_G

ClientSampleId :

PB110513BL

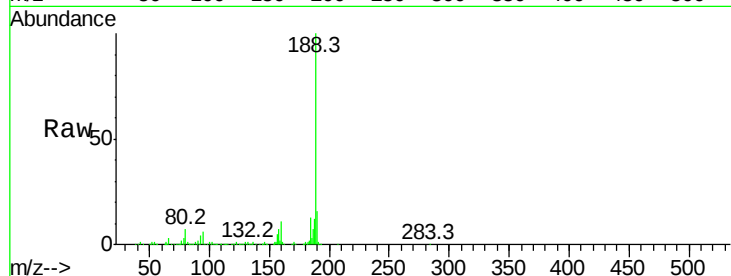
Tot Ion:188 Resp: 360195

Ion Ratio Lower Upper

188 100

94 5.7 6.9 10.3#

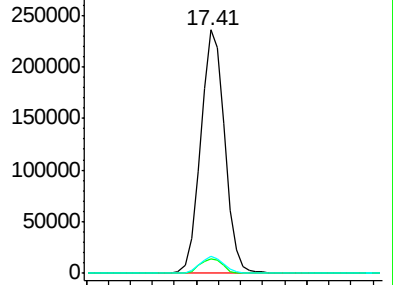
80 7.0 7.7 11.5#



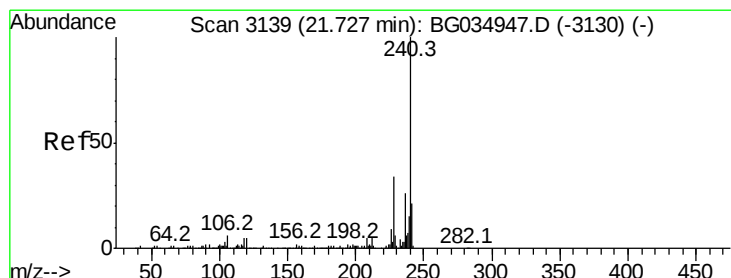
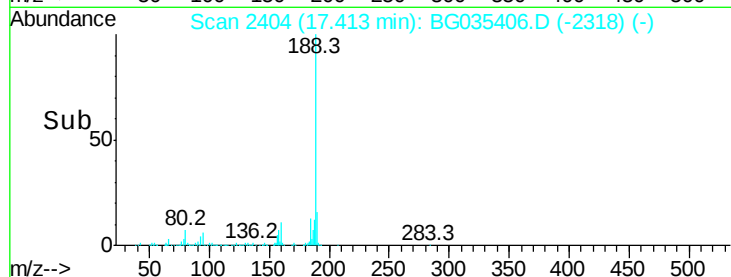
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time--> 17.30 17.40 17.50



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3130

Delta R.T. -0.04 min

Lab File: BG035406.D

Acq: 26 Jun 2018 10:17

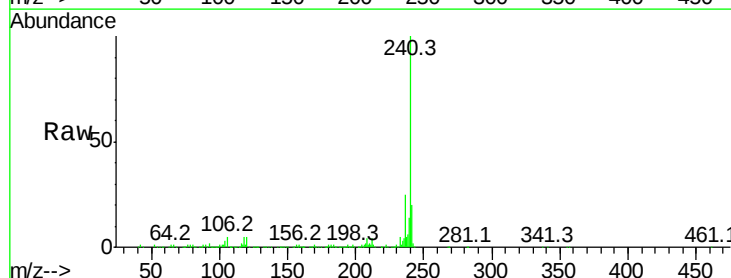
Tgt Ion:240 Resp: 410299

Ion Ratio Lower Upper

240 100

120 5.2 6.8 10.2#

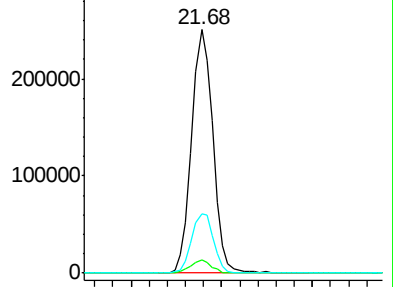
236 24.5 20.9 31.3



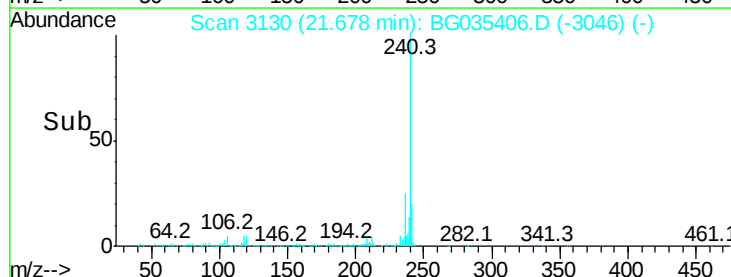
Abundance Ion 240.00 (239.70 to 240.70): E

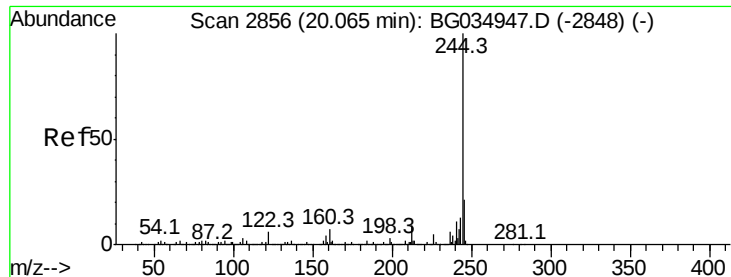
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 21.60 21.70 21.80

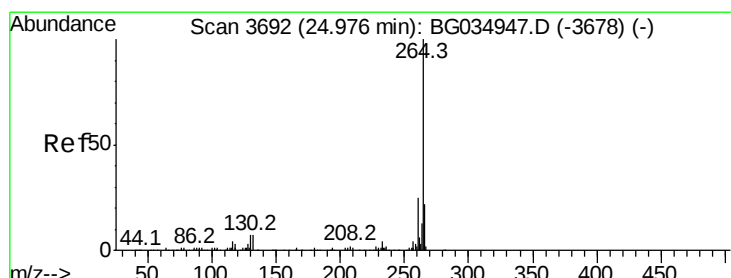
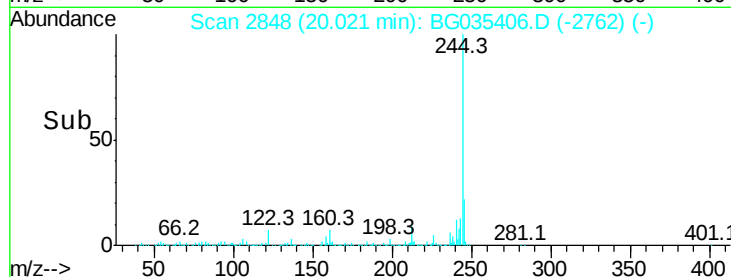
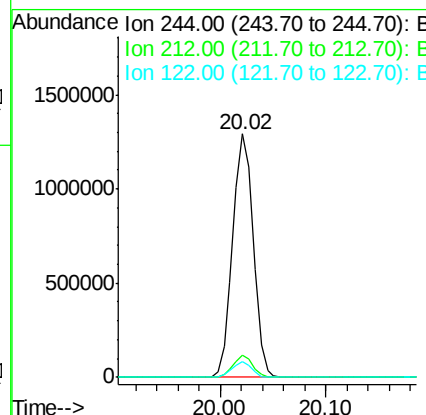
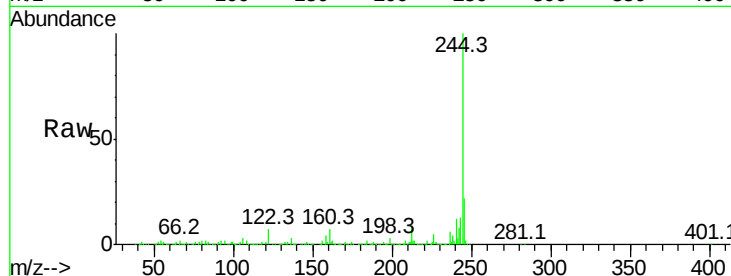




#78
 Terphenyl-d14
 Concen: 88.670 ng
 RT: 20.02 min Scan# 2848
 Delta R.T. -0.03 min
 Lab File: BG035406.D
 Acq: 26 Jun 2018 10:17

Instrument :
 BNA_G
 ClientSampleId :
 PB110513BL

Tot Ion:244 Resp: 1736851
 Ion Ratio Lower Upper
 244 100
 212 9.3 5.8 8.8#
 122 6.5 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.90 min Scan# 3678
 Delta R.T. -0.06 min
 Lab File: BG035406.D
 Acq: 26 Jun 2018 10:17

Tgt Ion:264 Resp: 376006
 Ion Ratio Lower Upper
 264 100
 260 21.9 17.4 26.0
 265 22.3 17.7 26.5

