

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061518\
 Data File : BG035180.D
 Acq On : 15 Jun 2018 20:22
 Operator : SJ/JU
 Sample : PB110279BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB110279BL

Quant Time: Jun 16 00:22:40 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	43451	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	166233	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	127928	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	371343	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	403063	20.00	ng	-0.02
86) Perylene-d12	24.92	264	342083	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	349725	135.83	ng	0.00
7) Phenol-d6	7.22	99	532144	140.03	ng	0.00
23) Nitrobenzene-d5	9.22	82	341606	97.68	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	237394	144.96	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	846090	85.98	ng	-0.02
78) Terphenyl-d14	20.03	244	1701434	88.42	ng	-0.01

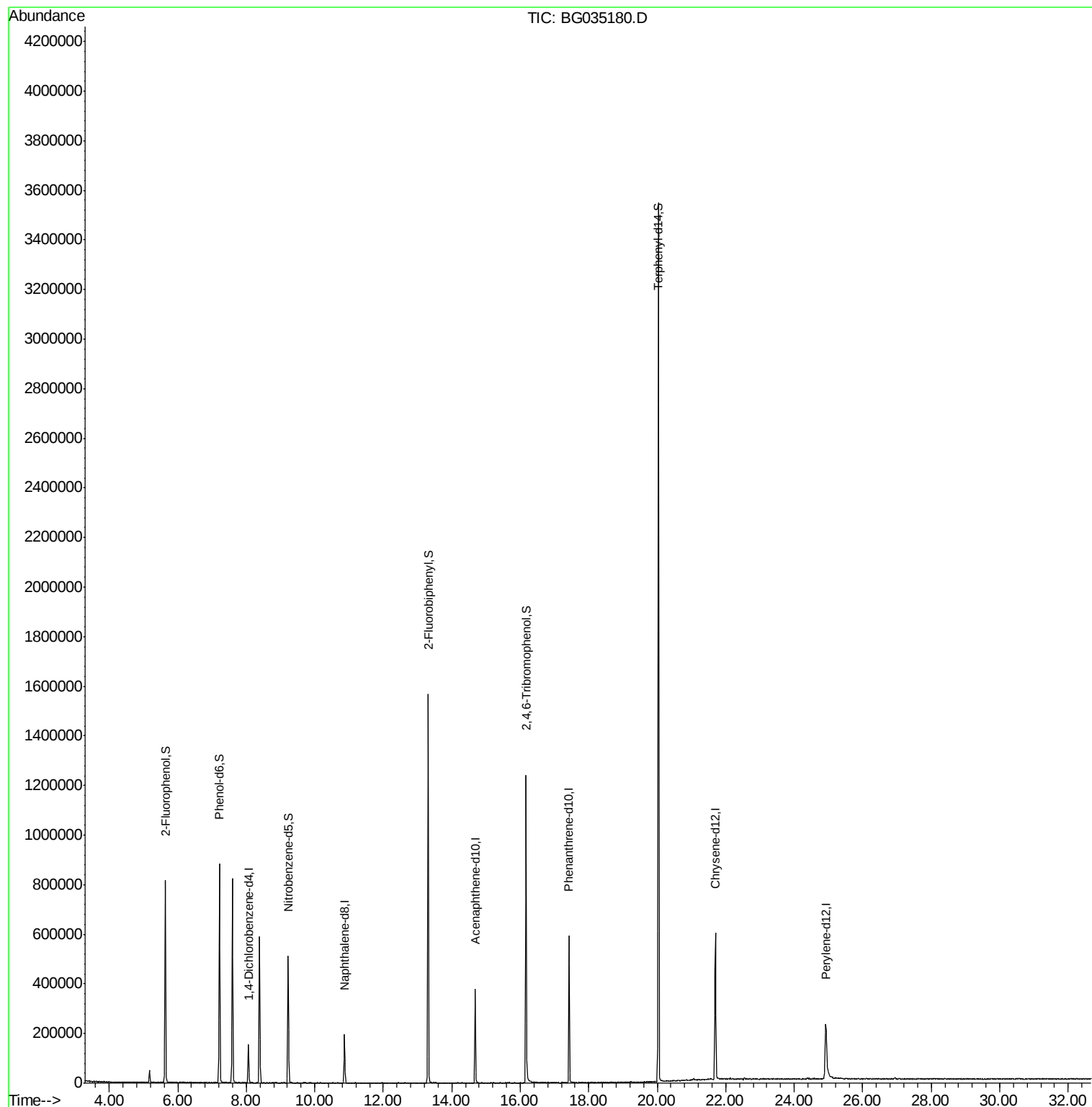
Target Compounds Qvalue

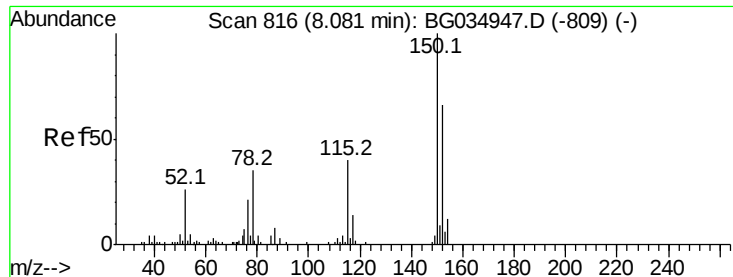
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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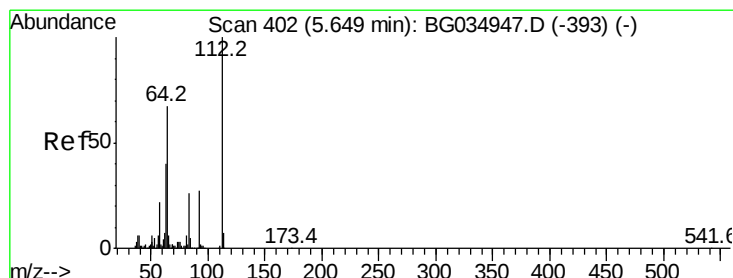
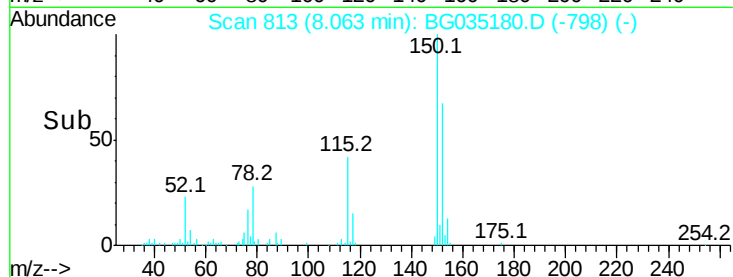
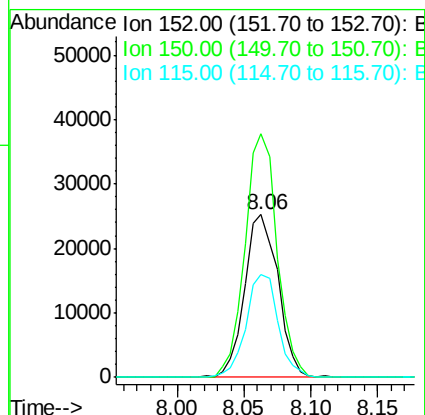
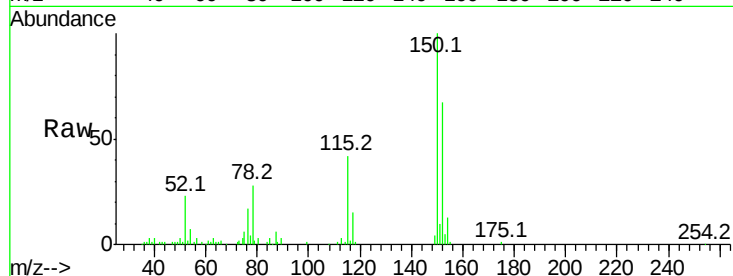


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035180.D
Acq: 15 Jun 2018 20:22

Instrument :
BNA_G
ClientSampleId :
PB110279BL

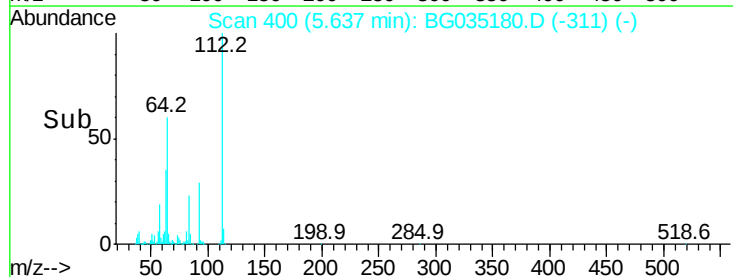
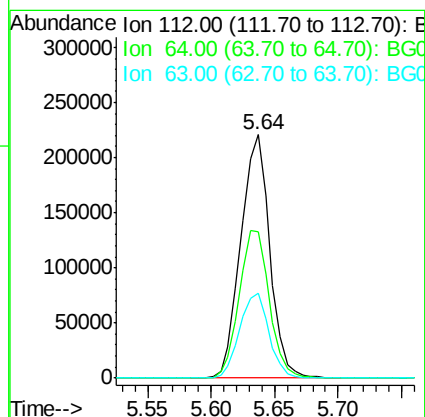
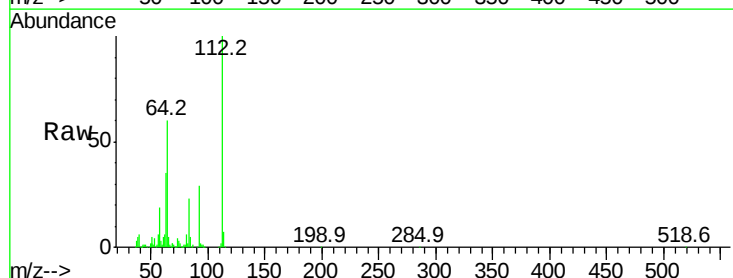
Tot Ion:152 Resp: 43451
Ion Ratio Lower Upper
152 100
150 149.8 126.6 189.8
115 63.3 53.0 79.4

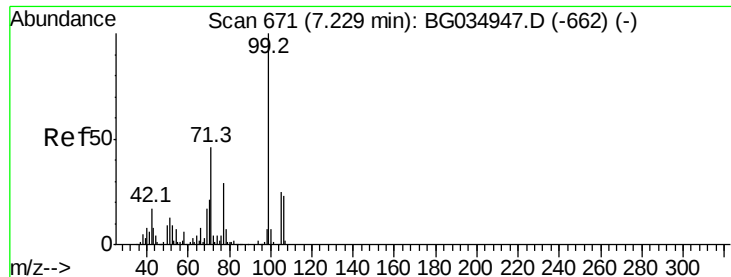


#5

2-Fluorophenol
Concen: 135.831 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG035180.D
Acq: 15 Jun 2018 20:22

Tgt Ion:112 Resp: 349725
Ion Ratio Lower Upper
112 100
64 60.1 56.3 84.5
63 34.7 30.1 45.1





#7

Phenol-d6

Concen: 140.034 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035180.D

Acq: 15 Jun 2018 20:22

Instrument :

BNA_G

ClientSampleId :

PB110279BL

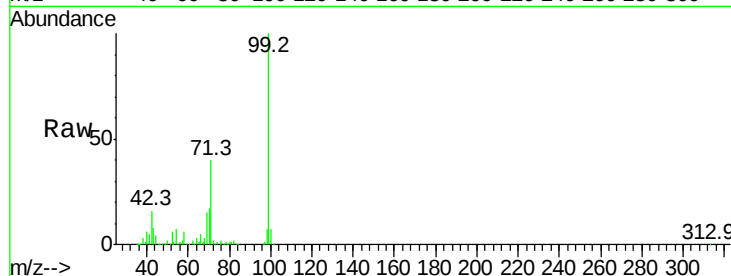
Tot Ion: 99 Resp: 532144

Ion Ratio Lower Upper

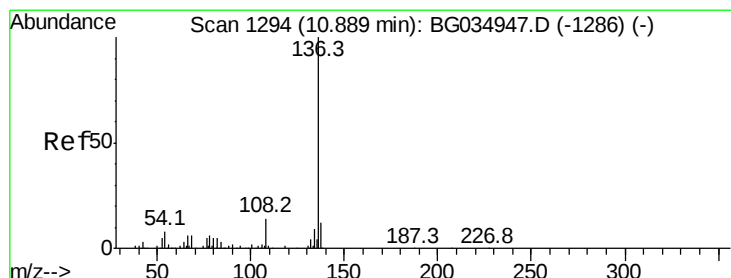
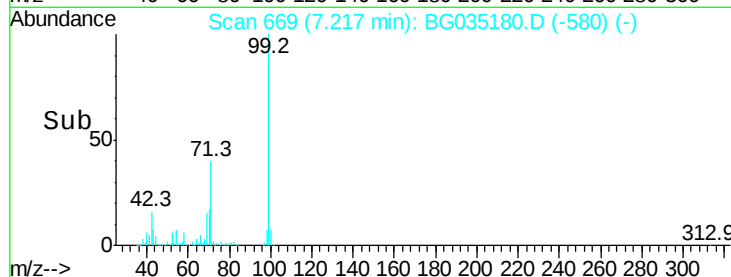
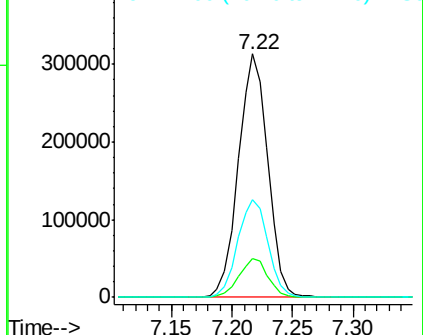
99 100

42 16.1 14.1 21.1

71 40.4 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# 1291

Delta R.T. -0.01 min

Lab File: BG035180.D

Acq: 15 Jun 2018 20:22

Tgt Ion: 136 Resp: 166233

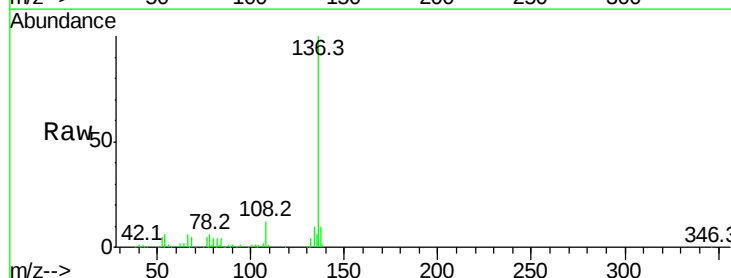
Ion Ratio Lower Upper

136 100

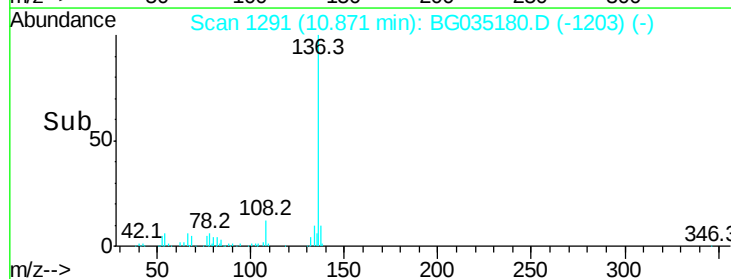
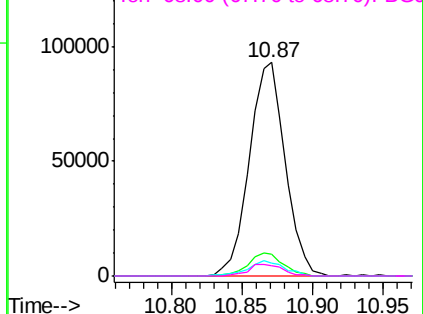
137 10.0 9.2 13.8

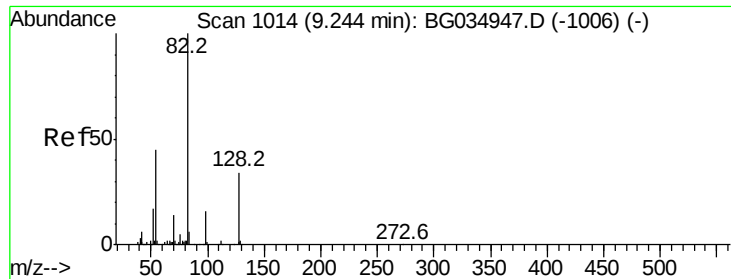
54 6.2 10.3 15.5#

68 4.7 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

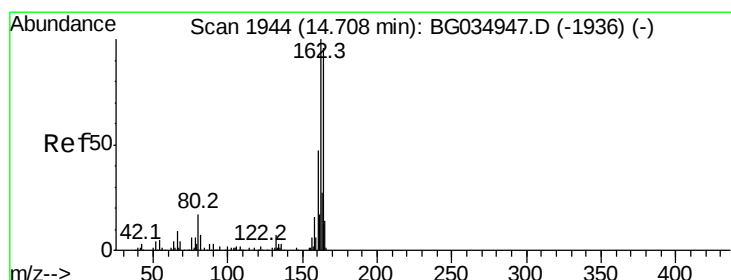
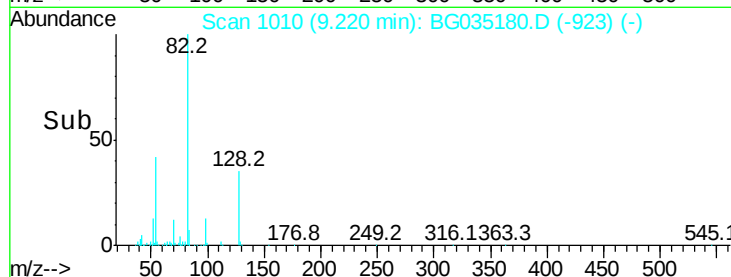
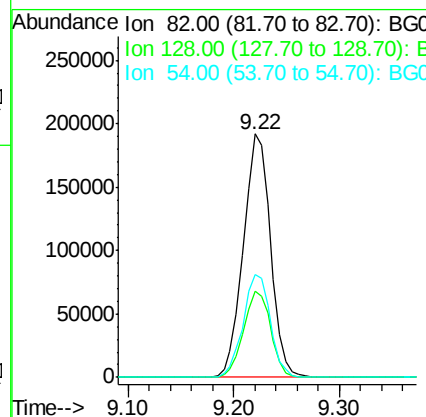
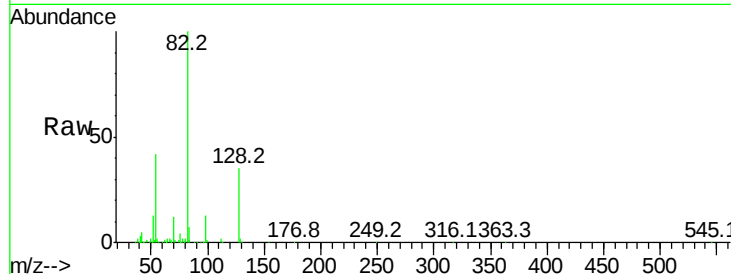




#23
Nitrobenzene-d5
Concen: 97.682 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BG035180.D
Acq: 15 Jun 2018 20:22

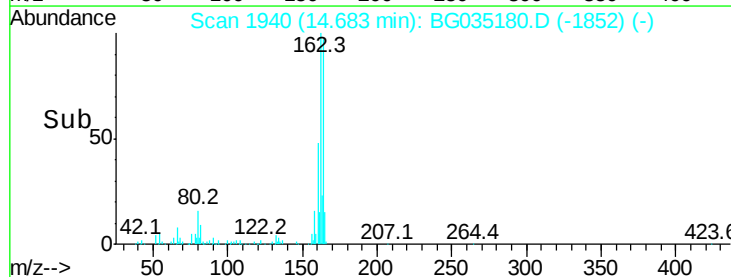
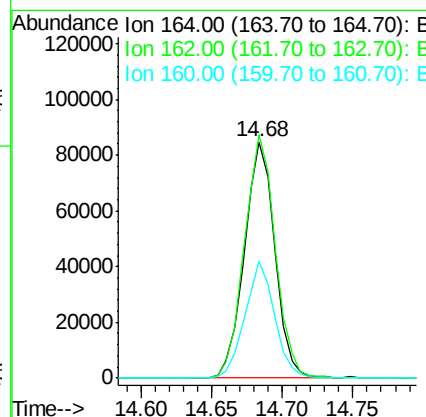
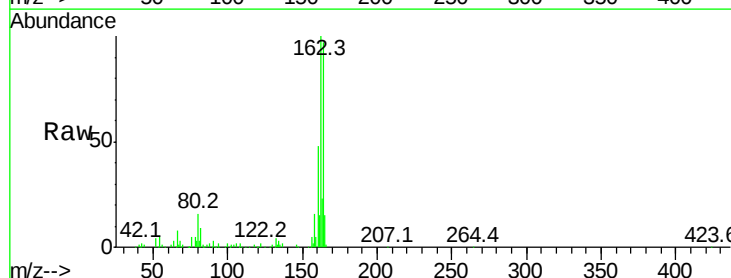
Instrument :
BNA_G
ClientSampleId :
PB110279BL

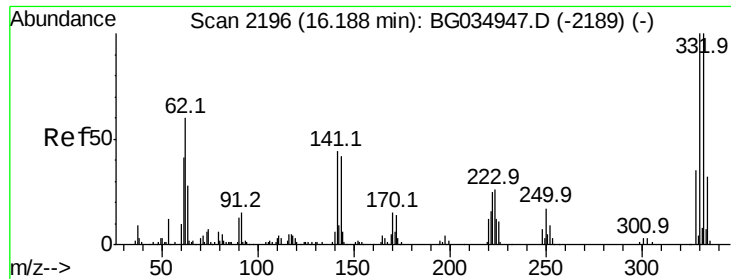
Tot Ion: 82 Resp: 341606
Ion Ratio Lower Upper
82 100
128 35.4 29.7 44.5
54 42.4 43.1 64.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG035180.D
Acq: 15 Jun 2018 20:22

Tgt Ion:164 Resp: 127928
Ion Ratio Lower Upper
164 100
162 103.1 78.8 118.2
160 49.6 35.4 53.0

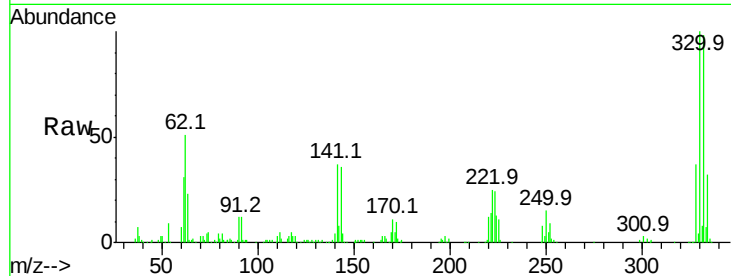




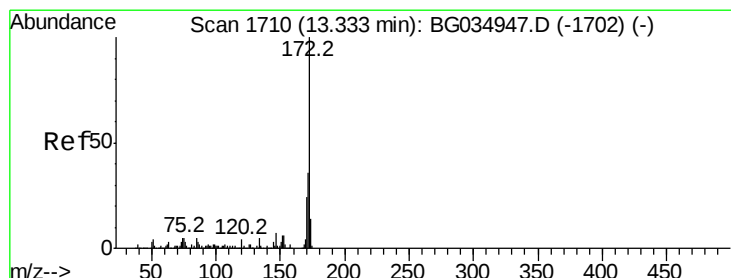
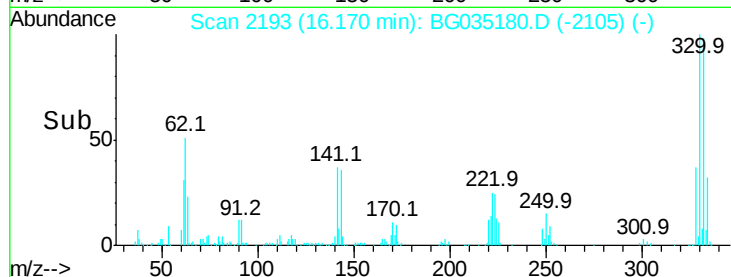
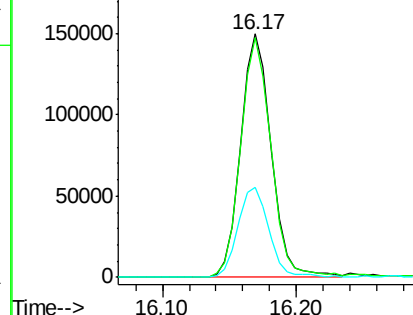
#41
 2,4,6-Tribromophenol
 Concen: 144.961 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035180.D
 Acq: 15 Jun 2018 20:22

Instrument :
 BNA_G
 ClientSampleId :
 PB110279BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.6	77.0	115.6
141	37.7	25.2	37.8

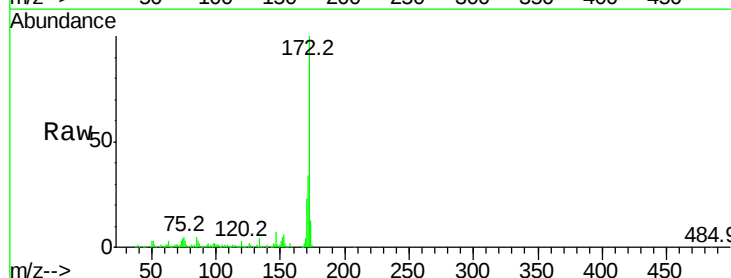


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

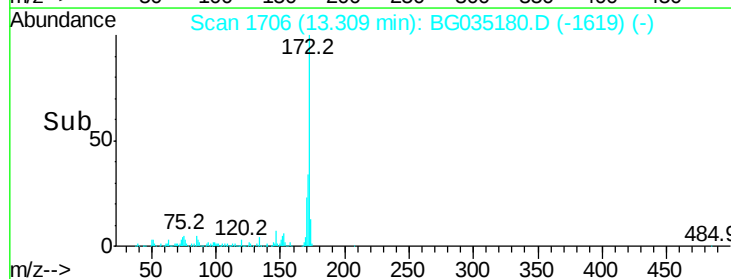
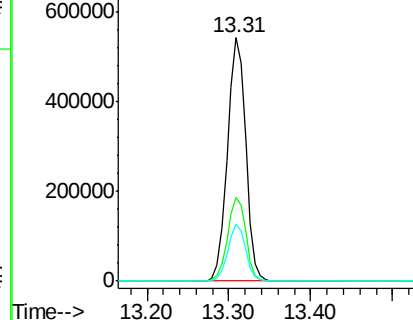


#44
 2-Fluorobiphenyl
 Concen: 85.979 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG035180.D
 Acq: 15 Jun 2018 20:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.3	30.0	45.0
170	23.3	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

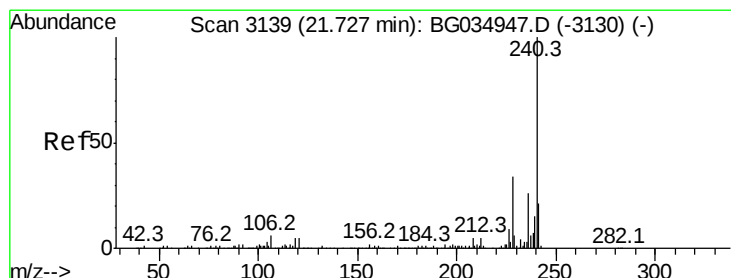
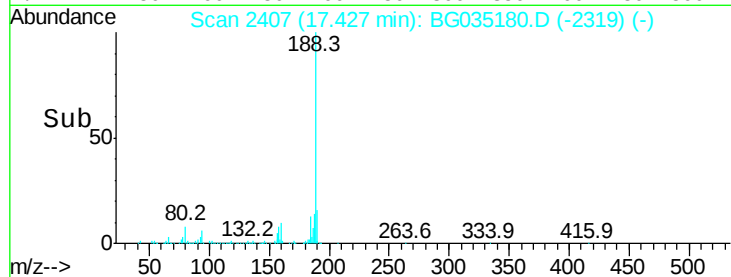
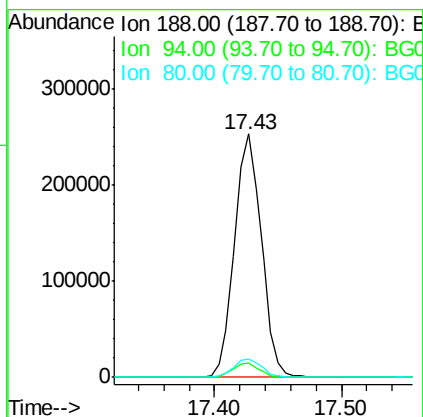
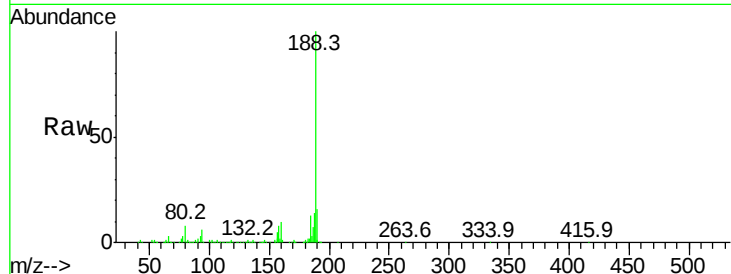




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BG035180.D
Acq: 15 Jun 2018 20:22

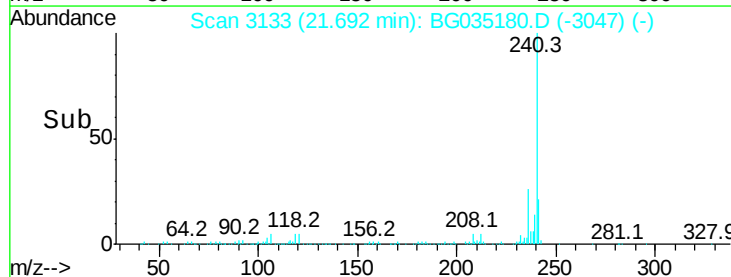
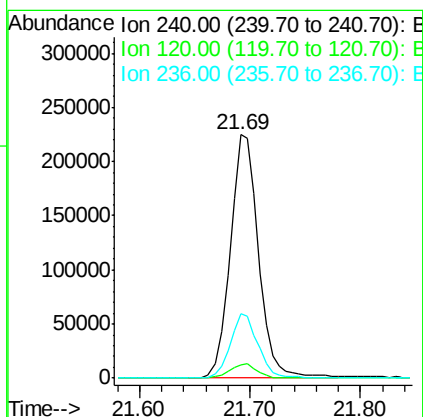
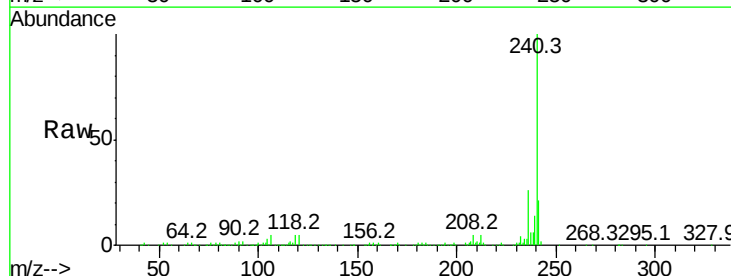
Instrument :
BNA_G
ClientSampleId :
PB110279BL

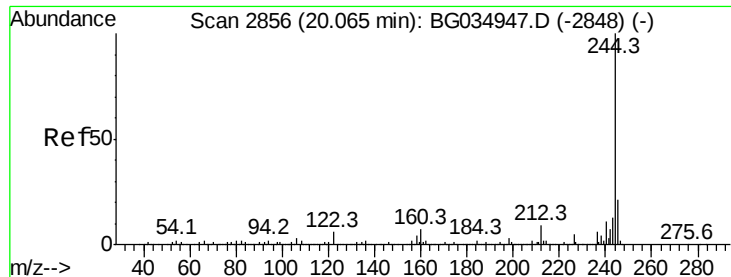
Tot Ion:188 Resp: 371343
Ion Ratio Lower Upper
188 100
94 5.7 6.9 10.3#
80 7.7 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3133
Delta R.T. -0.02 min
Lab File: BG035180.D
Acq: 15 Jun 2018 20:22

Tgt Ion:240 Resp: 403063
Ion Ratio Lower Upper
240 100
120 5.4 6.8 10.2#
236 26.3 20.9 31.3





#78

Terphenyl-d14

Concen: 88.422 ng

RT: 20.03 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG035180.D

Acq: 15 Jun 2018 20:22

Instrument :

BNA_G

ClientSampleId :

PB110279BL

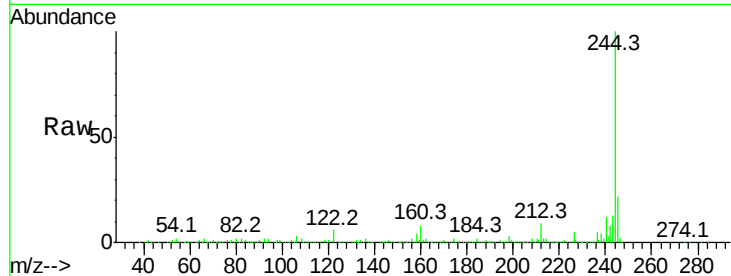
Tot Ion:244 Resp: 1701434

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

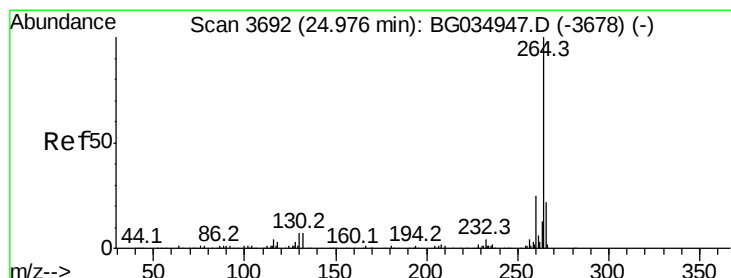
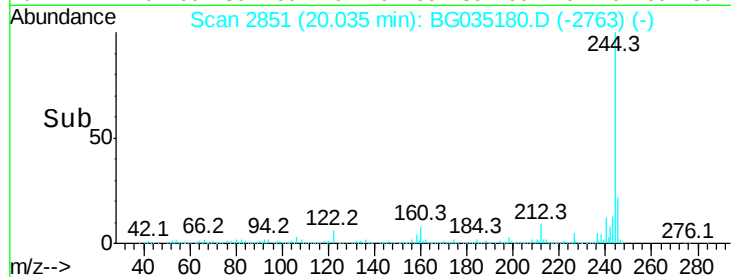
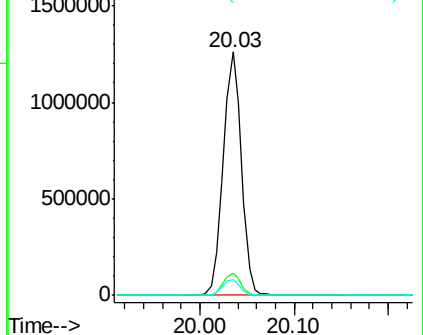
122 6.3 7.0 10.4#



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# 3683

Delta R.T. -0.03 min

Lab File: BG035180.D

Acq: 15 Jun 2018 20:22

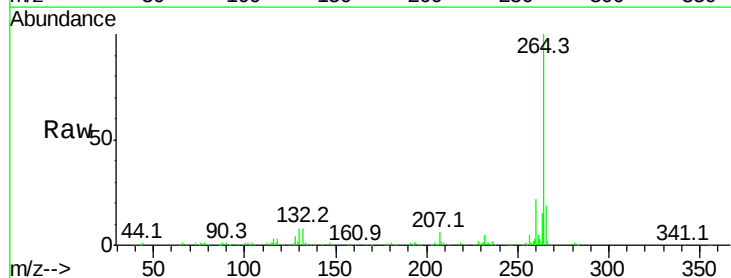
Tgt Ion:264 Resp: 342083

Ion Ratio Lower Upper

264 100

260 21.5 17.4 26.0

265 19.1 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

