

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071618\
 Data File : BG035663.D
 Acq On : 16 Jul 2018 10:46
 Operator : JU/SJ
 Sample : J3975-08
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PAR-8

Quant Time: Jul 16 11:33:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 12 14:43:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	45142	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	170453	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	121477	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	349253	20.00	ng	0.00
75) Chrysene-d12	21.69	240	374062	20.00	ng	0.00
86) Perylene-d12	24.91	264	343350	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	383824	141.16	ng	0.00
7) Phenol-d6	7.22	99	496987	122.51	ng	0.00
23) Nitrobenzene-d5	9.22	82	405549	99.39	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	269011	168.01	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	910940	100.47	ng	0.00
78) Terphenyl-d14	20.02	244	1704296	100.43	ng	0.00

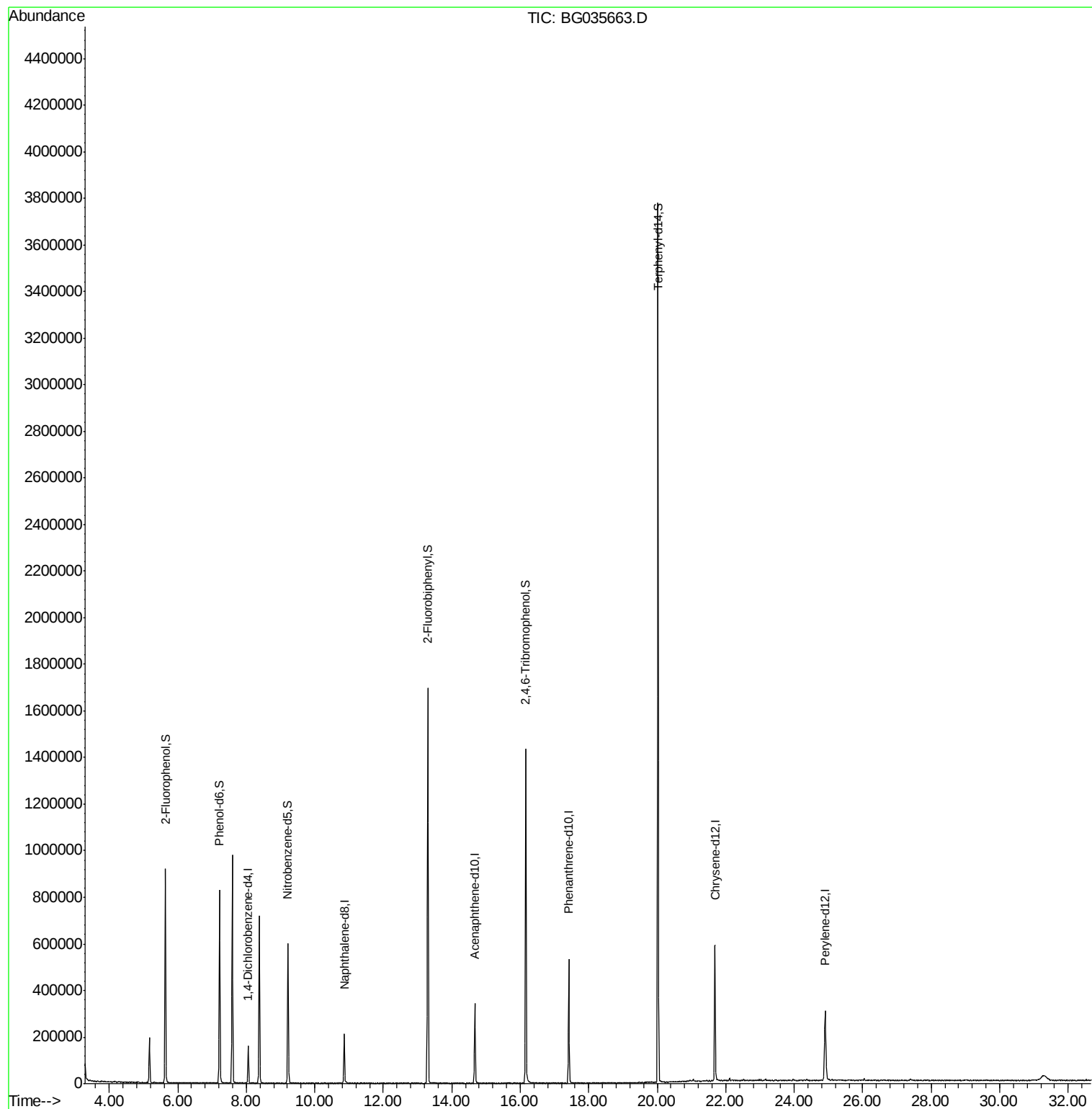
Target Compounds Qvalue

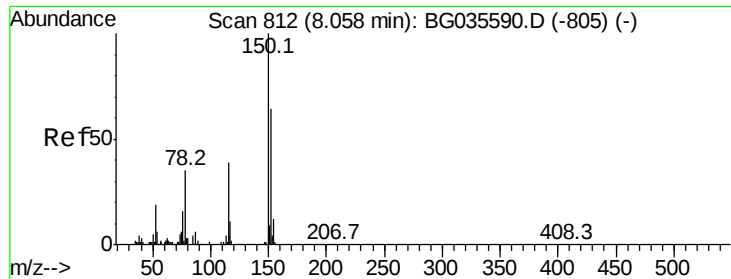
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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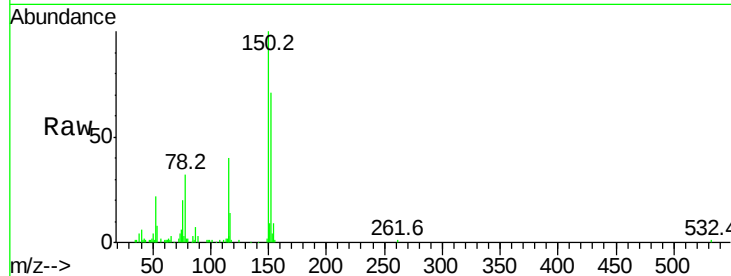


#1

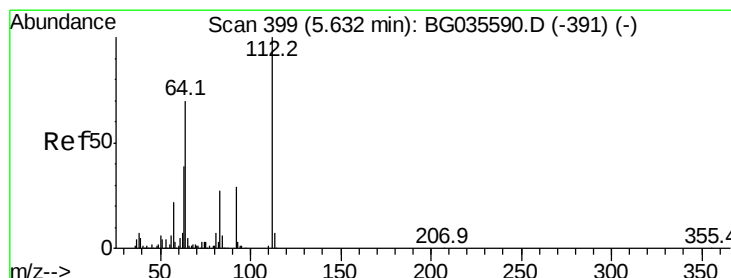
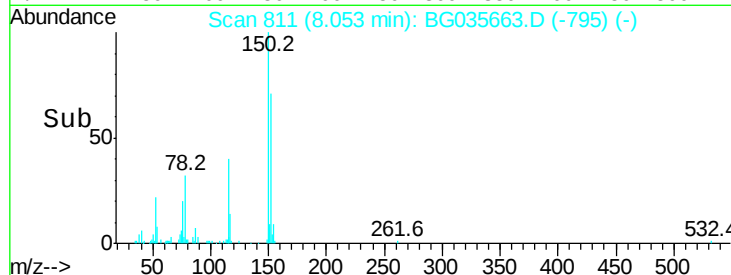
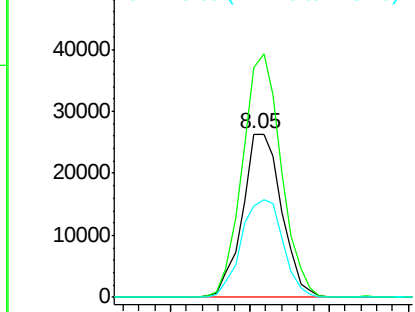
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG035663.D
Acq: 16 Jul 2018 10:46

Instrument :
BNA_G
ClientSampleId :
PAR-8

Tot Ion:152 Resp: 45142
Ion Ratio Lower Upper
152 100
150 140.5 126.6 189.8
115 56.1 53.0 79.4



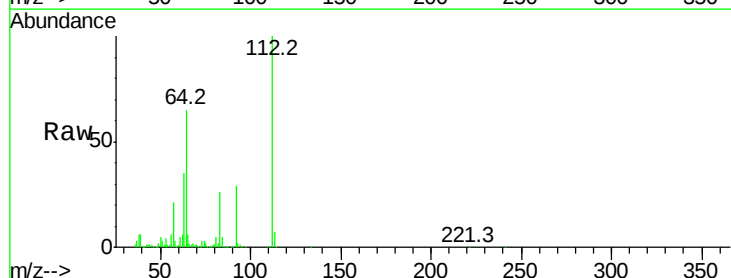
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



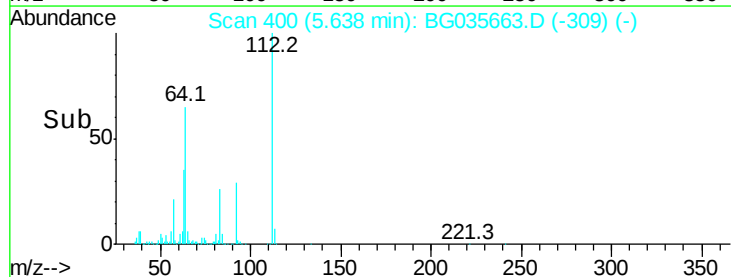
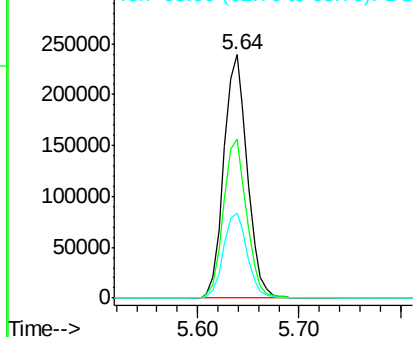
#5

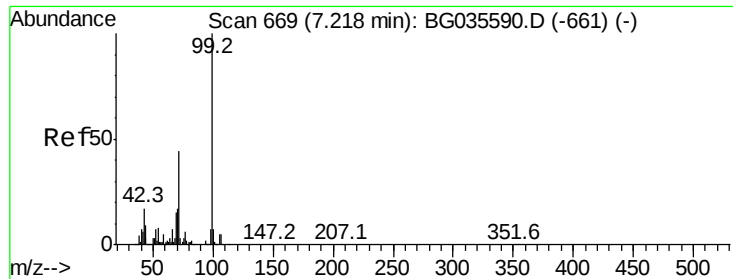
2-Fluorophenol
Concen: 141.163 ng
RT: 5.64 min Scan# 400
Delta R.T. 0.01 min
Lab File: BG035663.D
Acq: 16 Jul 2018 10:46

Tgt Ion:112 Resp: 383824
Ion Ratio Lower Upper
112 100
64 65.5 56.3 84.5
63 34.8 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: 122.509 ng

RT: 7.22 min Scan# 669

Delta R.T. 0.00 min

Lab File: BG035663.D

Acq: 16 Jul 2018 10:46

Instrument :

BNA_G

ClientSampleId :

PAR-8

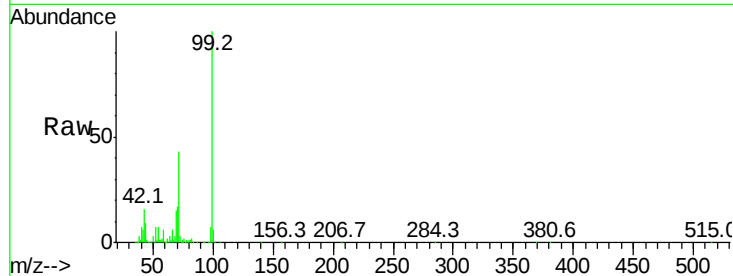
Tot Ion: 99 Resp: 496987

Ion Ratio Lower Upper

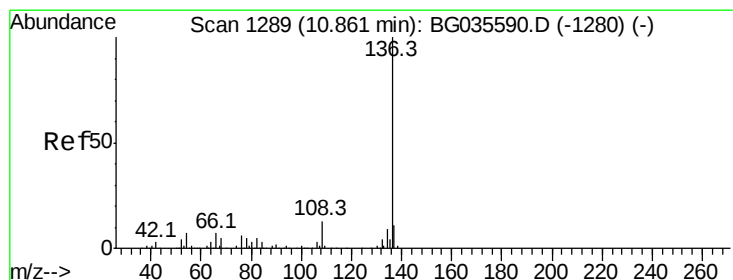
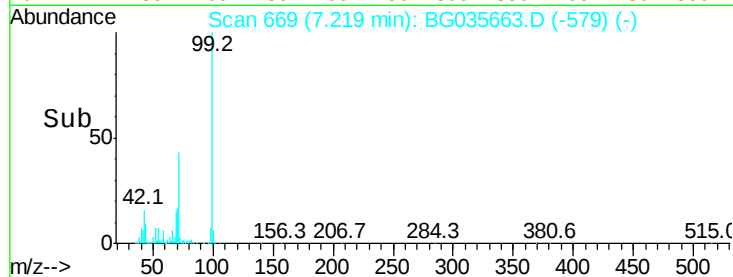
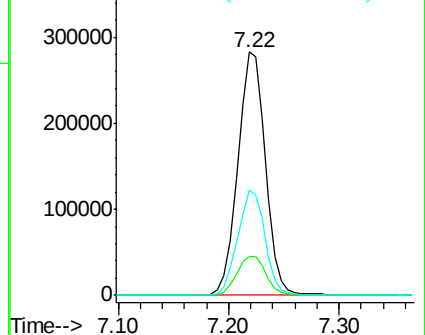
99 100

42 16.0 14.1 21.1

71 43.3 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: 10.86 min Scan# 1289

Delta R.T. 0.00 min

Lab File: BG035663.D

Acq: 16 Jul 2018 10:46

Tgt Ion: 136 Resp: 170453

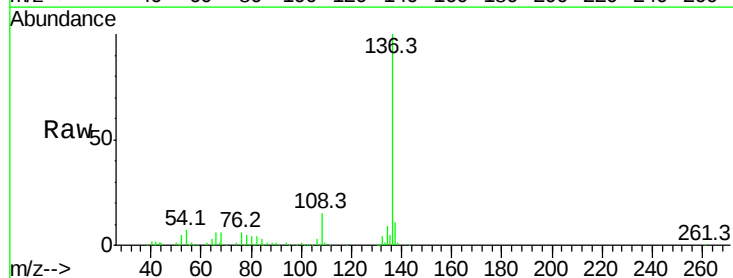
Ion Ratio Lower Upper

136 100

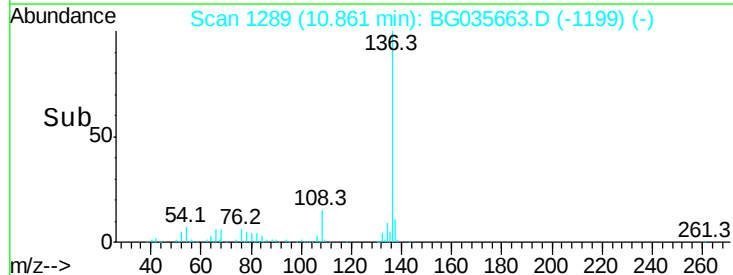
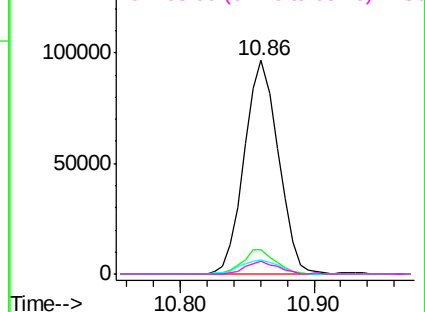
137 11.5 9.2 13.8

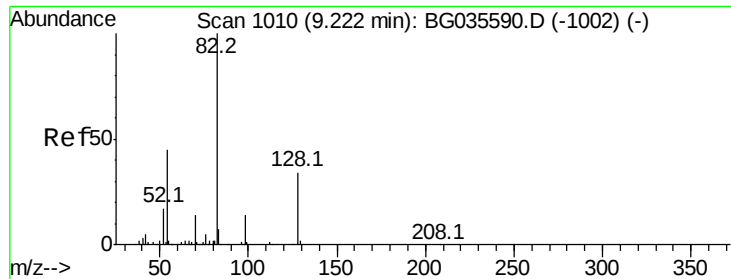
54 6.7 10.3 15.5#

68 6.0 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

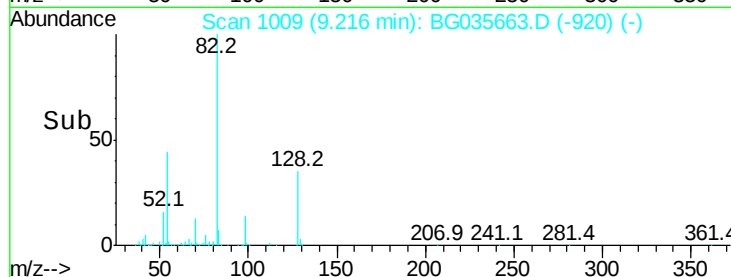
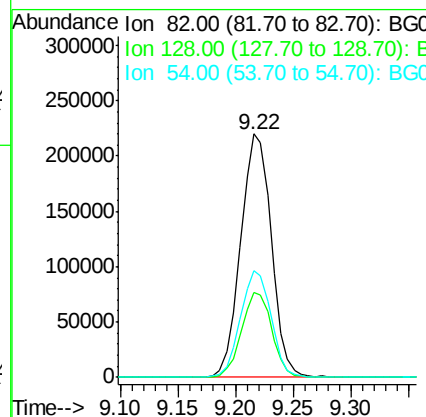
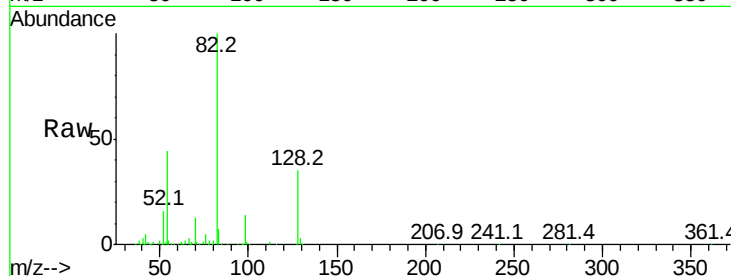




#23
Nitrobenzene-d5
Concen: 99.392 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BG035663.D
Acq: 16 Jul 2018 10:46

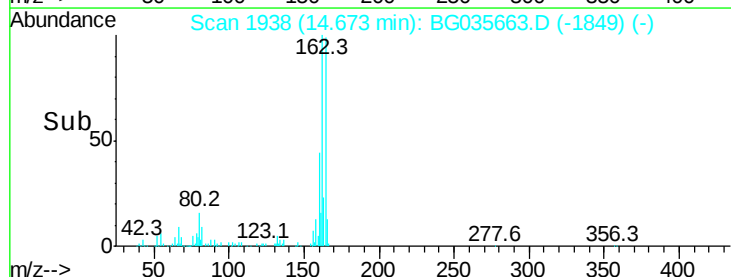
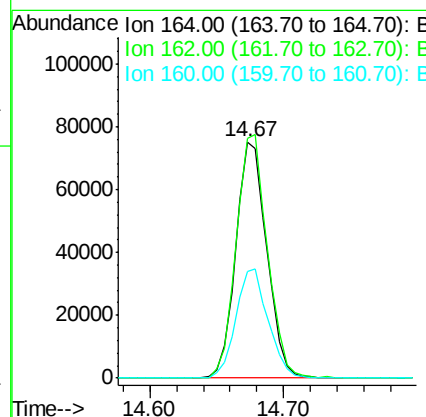
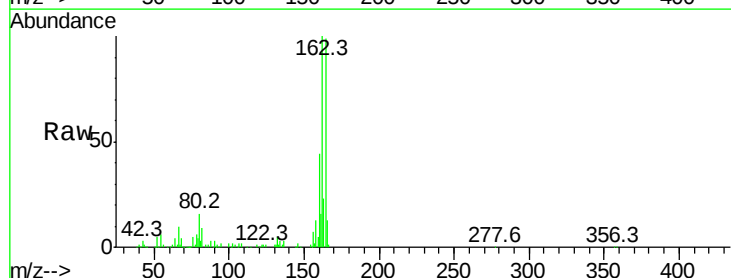
Instrument :
BNA_G
ClientSampleId :
PAR-8

Tot Ion	Ratio	Lower	Upper
82	100		
128	34.9	29.7	44.5
54	43.6	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG035663.D
Acq: 16 Jul 2018 10:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	78.8	118.2
160	45.0	35.4	53.0

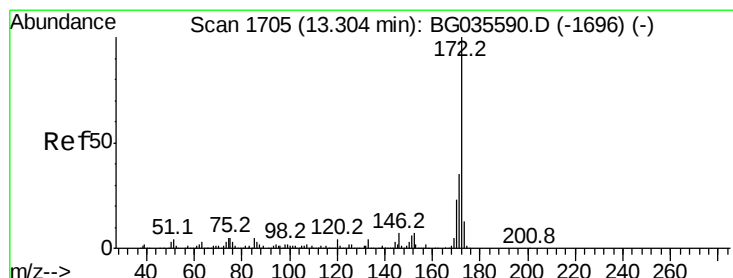
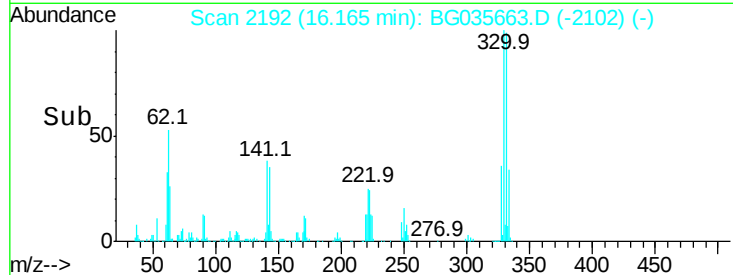
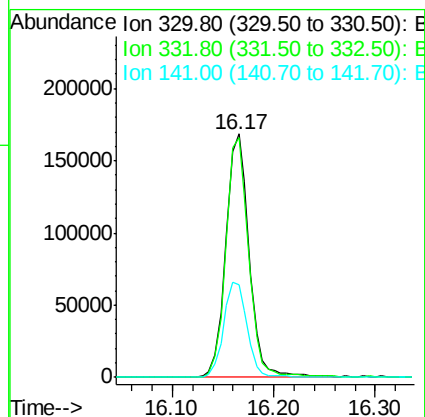
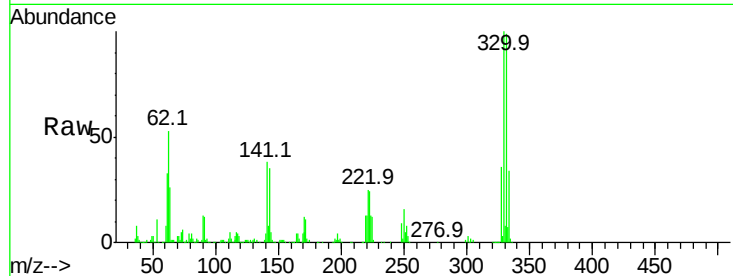




#41
 2,4,6-Tribromophenol
 Concen: 168.012 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. 0.00 min
 Lab File: BG035663.D
 Acq: 16 Jul 2018 10:46

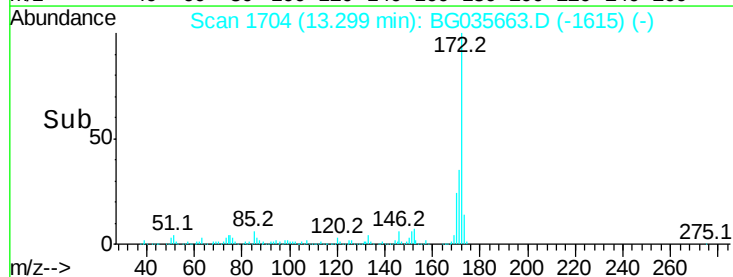
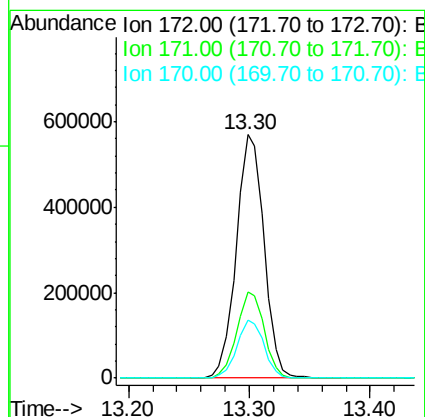
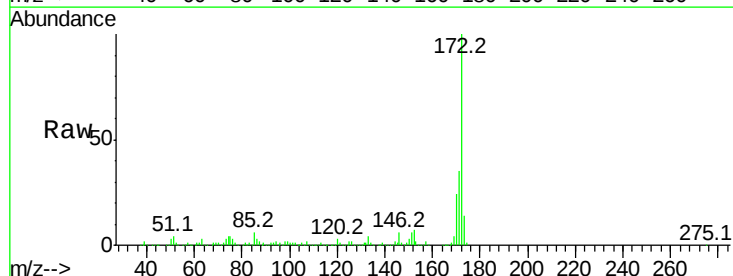
Instrument :
 BNA_G
 ClientSampleId :
 PAR-8

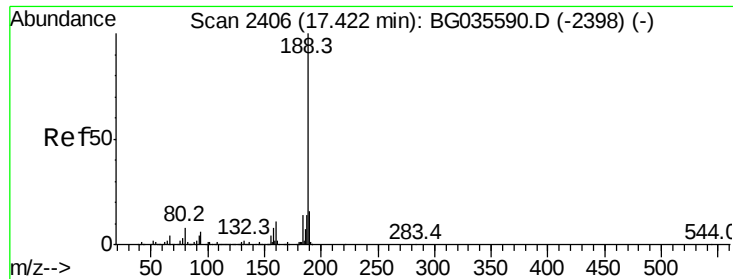
Tot Ion:330 Resp: 269011
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 39.5 25.2 37.8#



#44
 2-Fluorobiphenyl
 Concen: 100.465 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG035663.D
 Acq: 16 Jul 2018 10:46

Tgt Ion:172 Resp: 910940
 Ion Ratio Lower Upper
 172 100
 171 35.4 30.0 45.0
 170 23.6 19.5 29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2405

Delta R.T. -0.01 min

Lab File: BG035663.D

Acq: 16 Jul 2018 10:46

Instrument :

BNA_G

ClientSampleId :

PAR-8

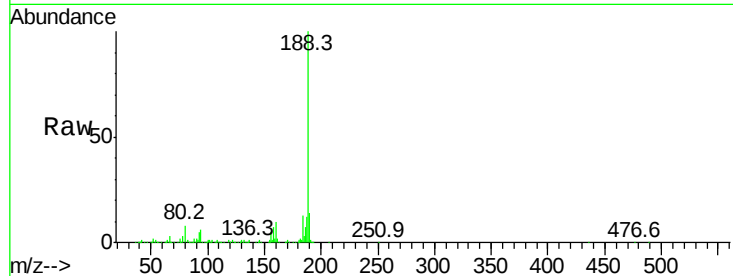
Tot Ion:188 Resp: 349253

Ion Ratio Lower Upper

188 100

94 6.2 6.9 10.3#

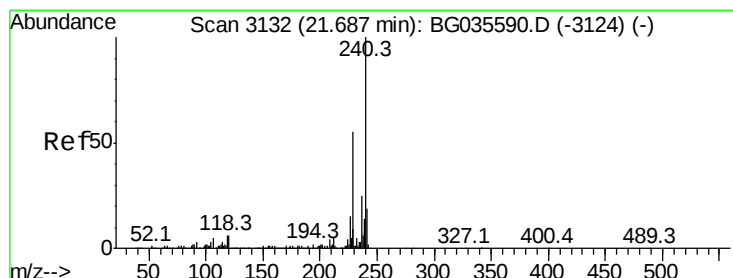
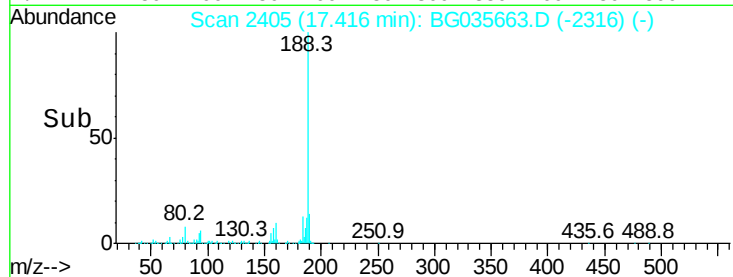
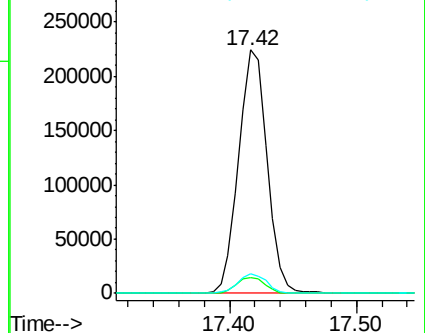
80 8.2 7.7 11.5



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. 0.00 min

Lab File: BG035663.D

Acq: 16 Jul 2018 10:46

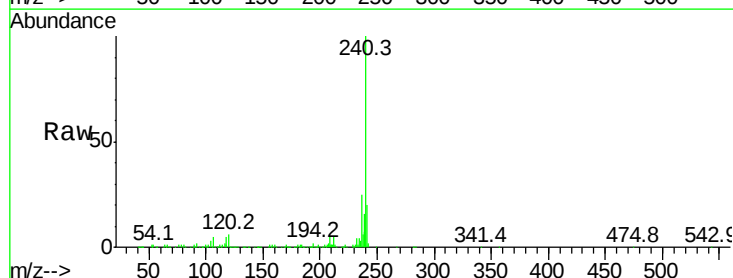
Tgt Ion:240 Resp: 374062

Ion Ratio Lower Upper

240 100

120 6.3 6.8 10.2#

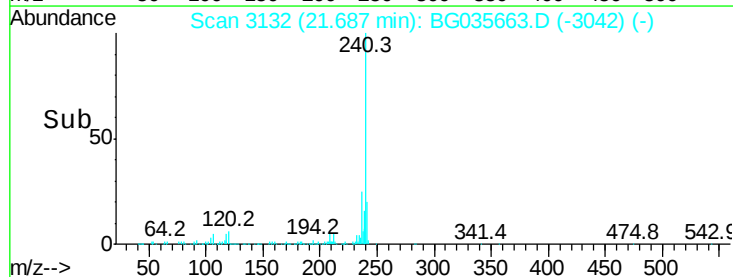
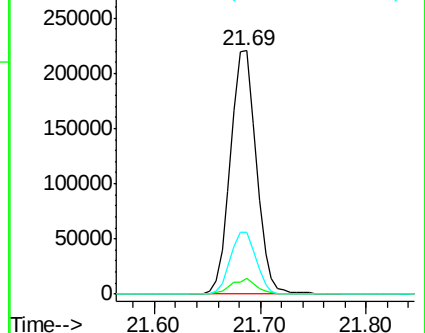
236 25.4 20.9 31.3

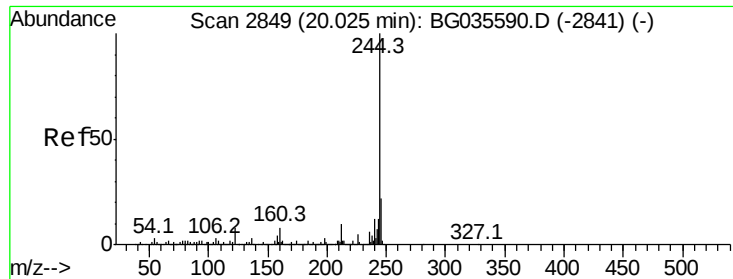


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 100.432 ng

RT: 20.02 min Scan# 2849

Delta R.T. 0.00 min

Lab File: BG035663.D

Acq: 16 Jul 2018 10:46

Instrument :

BNA_G

ClientSampleId :

PAR-8

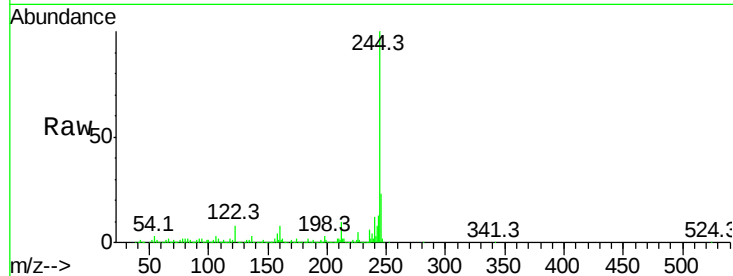
Tot Ion:244 Resp: 1704296

Ion Ratio Lower Upper

244 100

212 10.1 5.8 8.8#

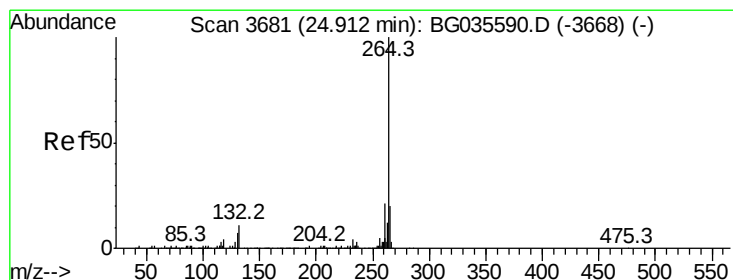
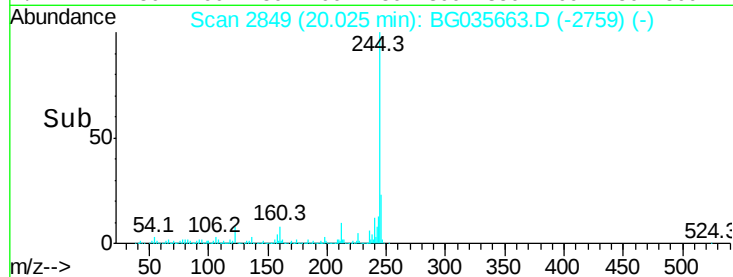
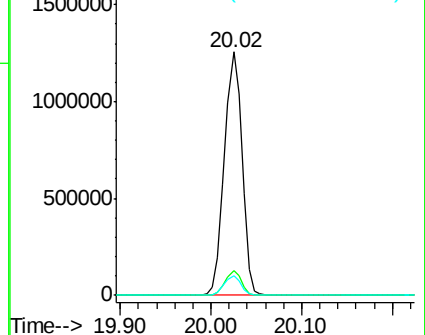
122 8.2 7.0 10.4



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: 24.91 min Scan# 3680

Delta R.T. -0.01 min

Lab File: BG035663.D

Acq: 16 Jul 2018 10:46

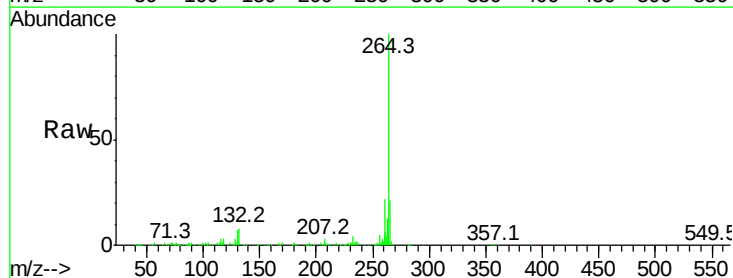
Tgt Ion:264 Resp: 343350

Ion Ratio Lower Upper

264 100

260 22.3 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

