

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071318\
 Data File : BG035646.D
 Acq On : 14 Jul 2018 1:55
 Operator : JU/SJ
 Sample : J3975-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PAR-6

Quant Time: Jul 16 11:50:26 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	8.06	152	42720	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	159244	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	121569	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	339925	20.00	ng	0.00
75) Chrysene-d12	21.69	240	363589	20.00	ng	0.00
86) Perylene-d12	24.90	264	340970	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	382123	148.51	ng	0.00
7) Phenol-d6	7.22	99	529218	137.85	ng	0.00
23) Nitrobenzene-d5	9.22	82	407602	106.93	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	275076	171.67	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	903034	99.52	ng	0.00
78) Terphenyl-d14	20.02	244	1695851	102.81	ng	0.00

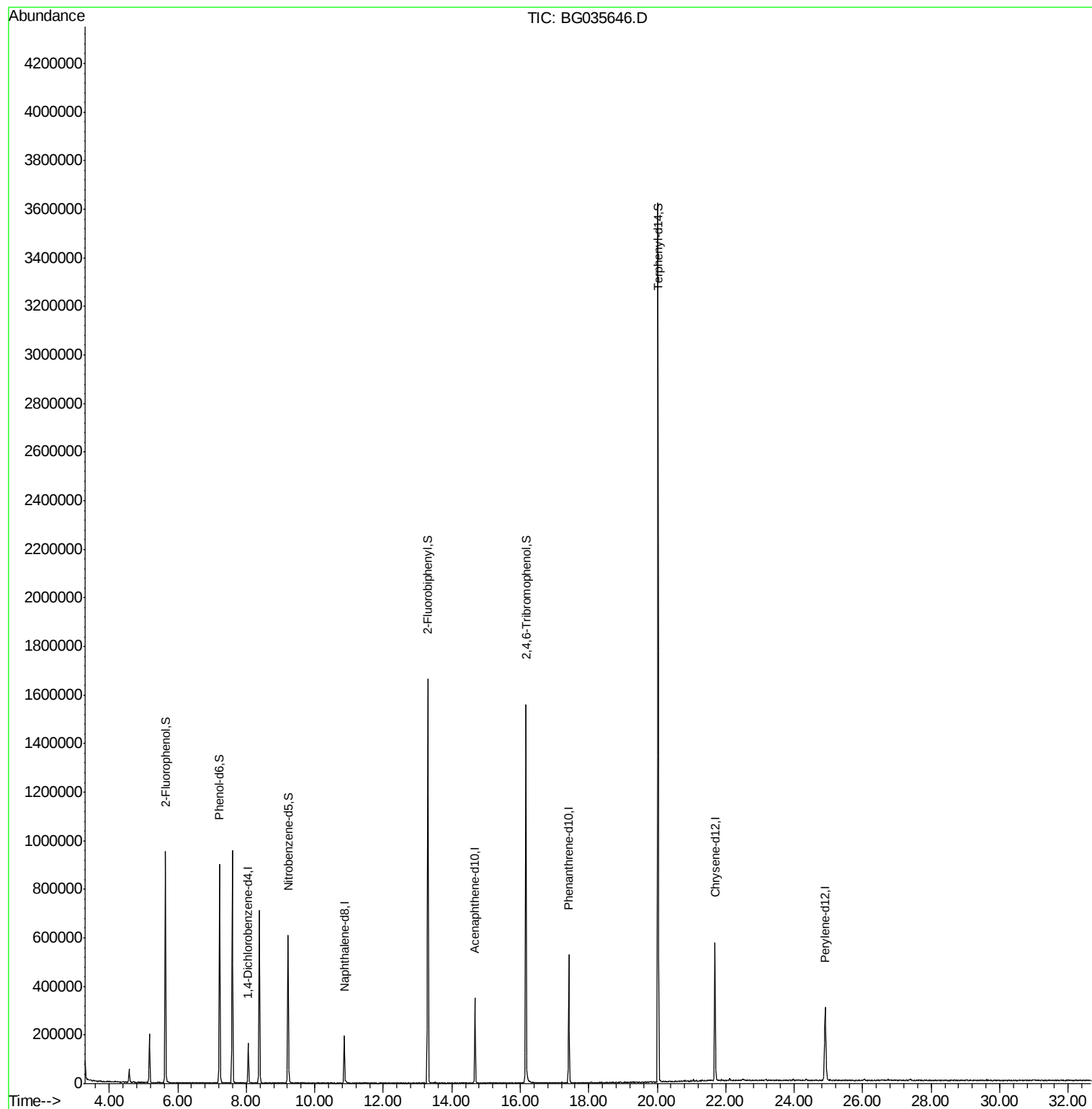
Target Compounds Qvalue

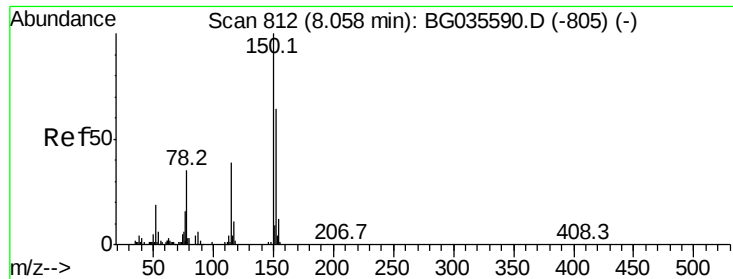
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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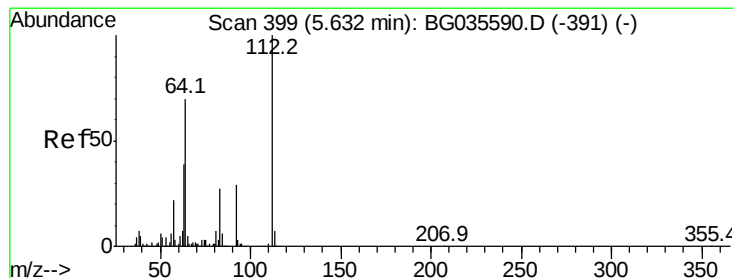
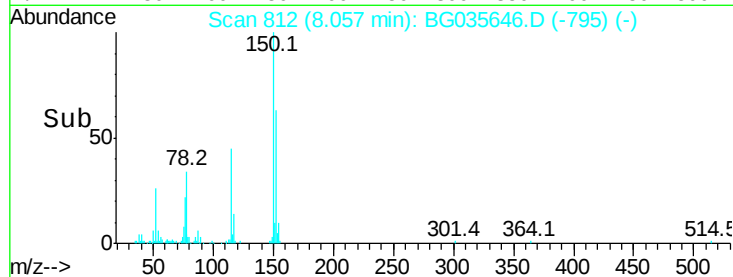
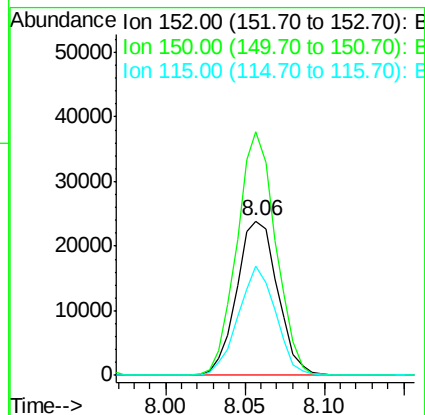
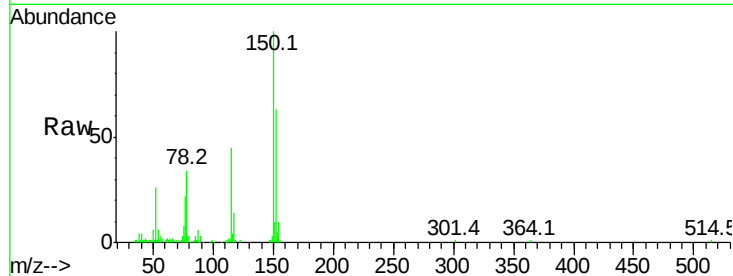


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.00 min
Lab File: BG035646.D
Acq: 14 Jul 2018 1:55

Instrument :
BNA_G
ClientSampled :
PAR-6

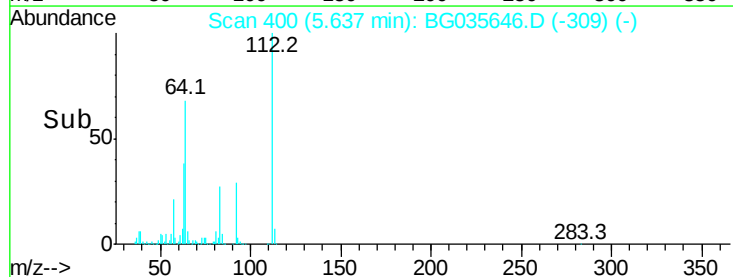
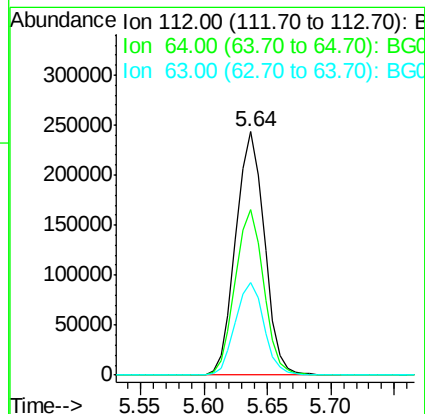
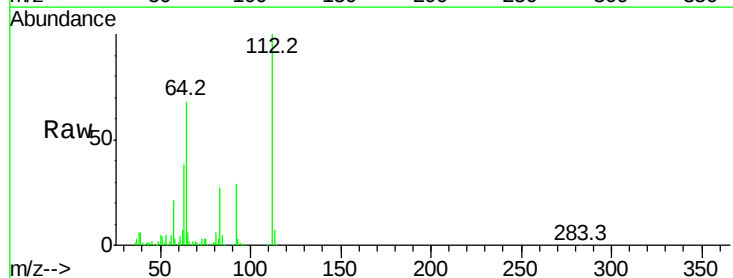
Tot Ion:152 Resp: 42720
Ion Ratio Lower Upper
152 100
150 157.6 126.6 189.8
115 71.1 53.0 79.4



#5

2-Fluorophenol
Concen: 148.505 ng
RT: 5.64 min Scan# 400
Delta R.T. 0.00 min
Lab File: BG035646.D
Acq: 14 Jul 2018 1:55

Tgt Ion:112 Resp: 382123
Ion Ratio Lower Upper
112 100
64 68.2 56.3 84.5
63 38.0 30.1 45.1





#7

Phenol-d6

Concen: 137.850 ng

RT: 7.22 min Scan# 670

Delta R.T. 0.00 min

Lab File: BG035646.D

Acq: 14 Jul 2018 1:55

Instrument :

BNA_G

ClientSampleId :

PAR-6

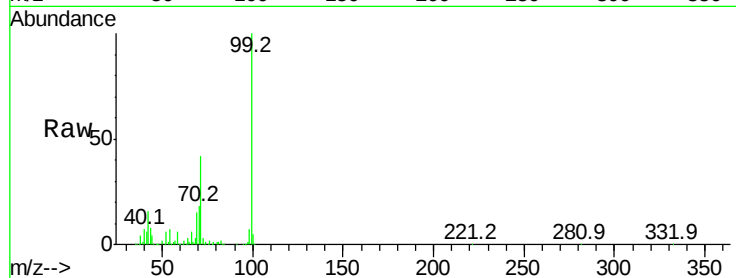
Tot Ion: 99 Resp: 529218

Ion Ratio Lower Upper

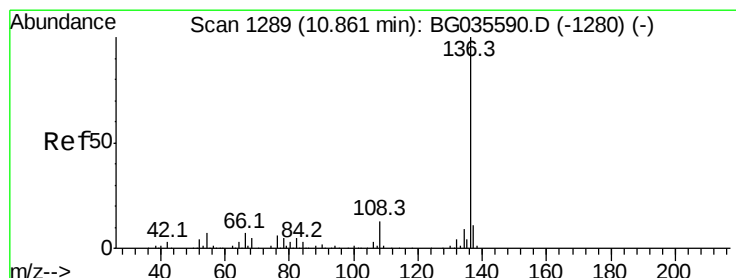
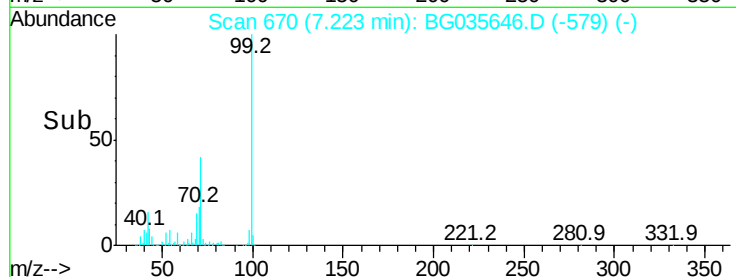
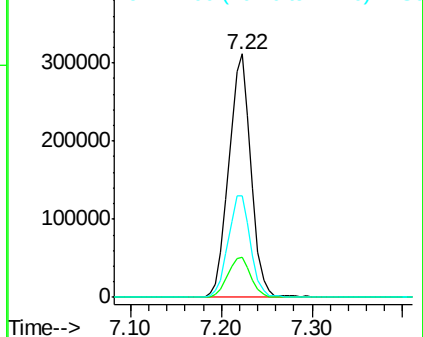
99 100

42 16.3 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: 10.86 min Scan# 1290

Delta R.T. 0.00 min

Lab File: BG035646.D

Acq: 14 Jul 2018 1:55

Tgt Ion: 136 Resp: 159244

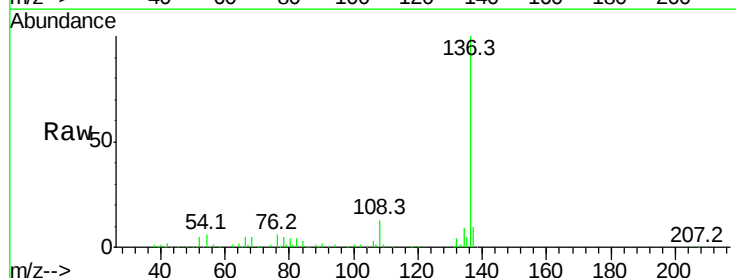
Ion Ratio Lower Upper

136 100

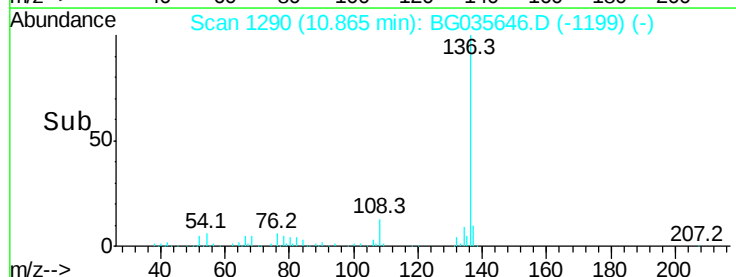
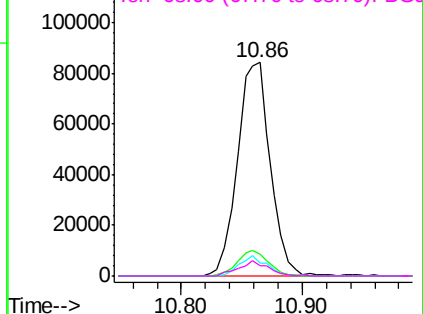
137 10.0 9.2 13.8

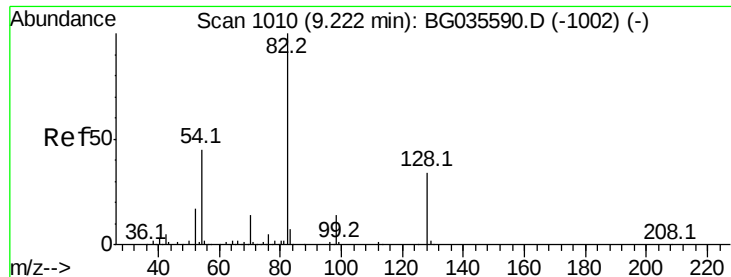
54 5.9 10.3 15.5#

68 4.8 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

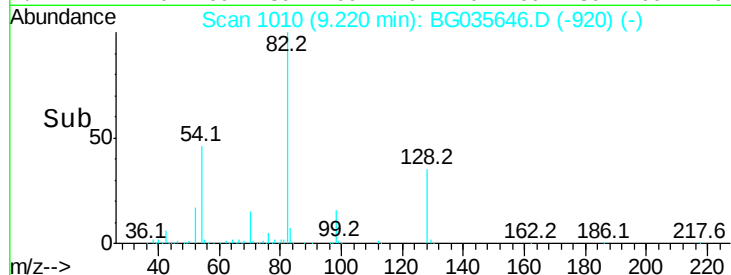
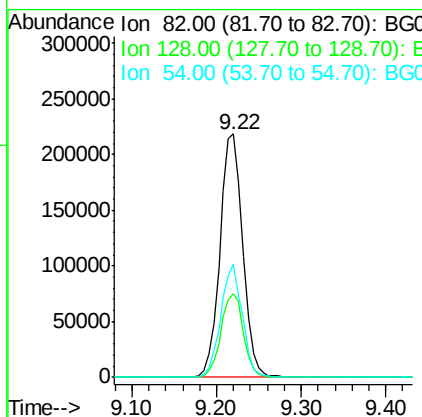
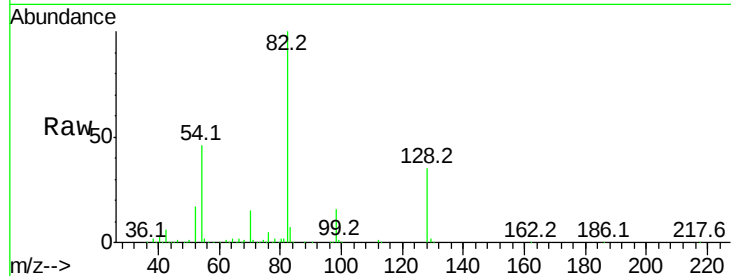




#23
 Nitrobenzene-d5
 Concen: 106.927 ng
 RT: 9.22 min Scan# 1010
 Delta R.T. -0.00 min
 Lab File: BG035646.D
 Acq: 14 Jul 2018 1:55

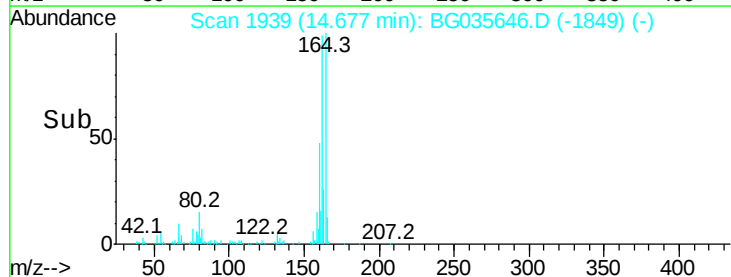
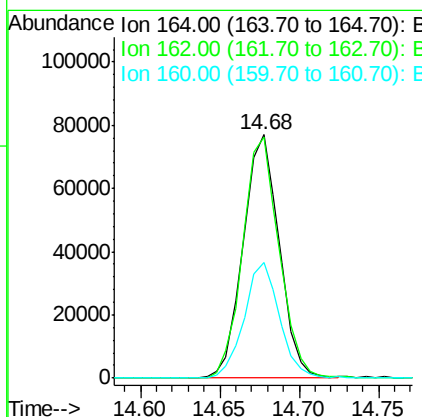
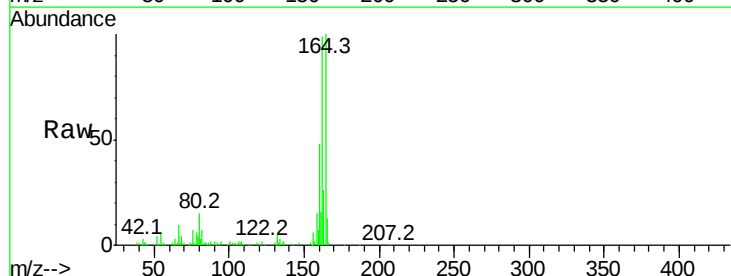
Instrument :
 BNA_G
 ClientSampleID :
 PAR-6

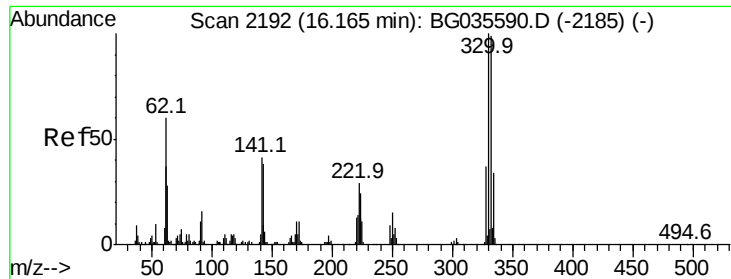
Tot Ion	82	Resp	407602
Ion Ratio	Lower	Upper	
82	100		
128	34.6	29.7	44.5
54	46.4	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: BG035646.D
 Acq: 14 Jul 2018 1:55

Tgt Ion	164	Resp	121569
Ion Ratio	Lower	Upper	
164	100		
162	99.0	78.8	118.2
160	47.7	35.4	53.0

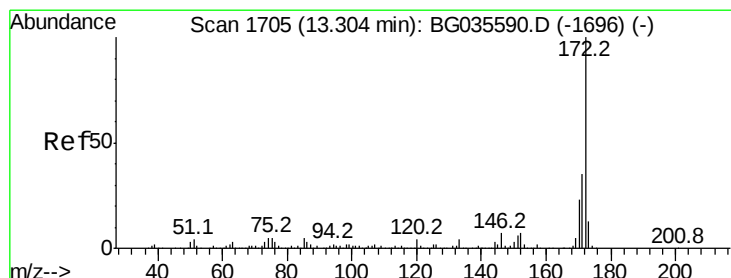
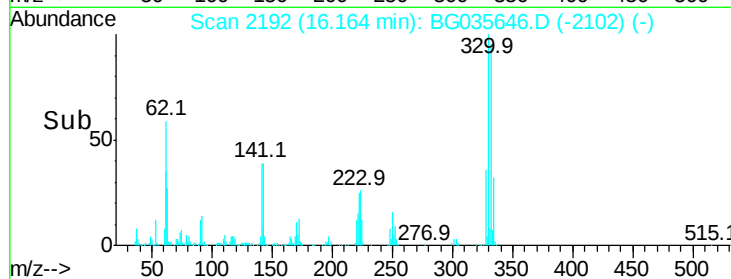
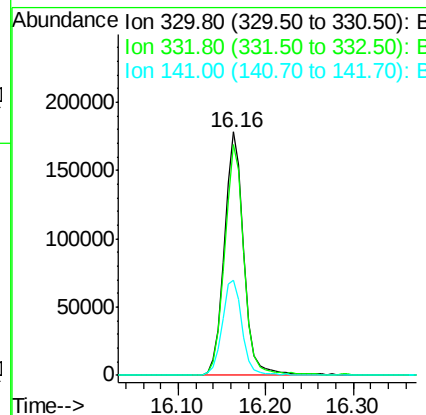
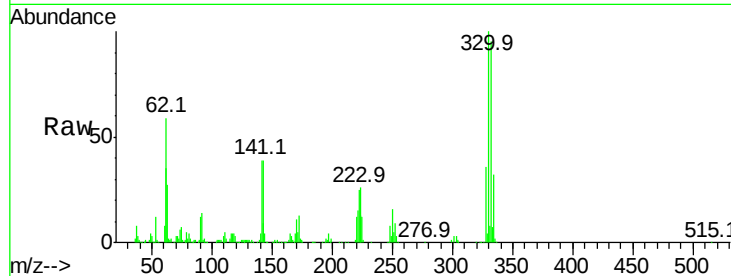




#41
 2,4,6-Tribromophenol
 Concen: 171.670 ng
 RT: 16.16 min Scan# 2192
 Delta R.T. -0.00 min
 Lab File: BG035646.D
 Acq: 14 Jul 2018 1:55

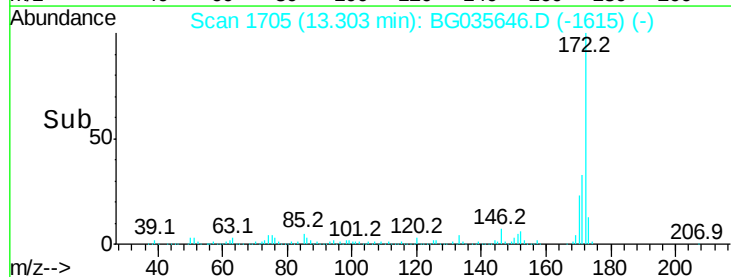
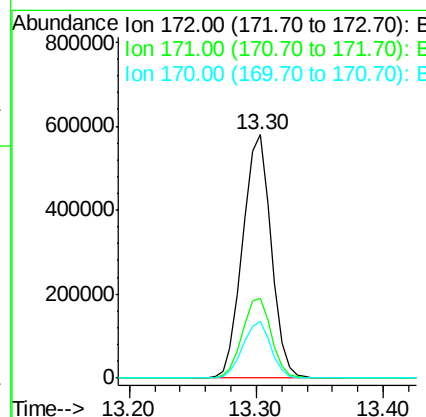
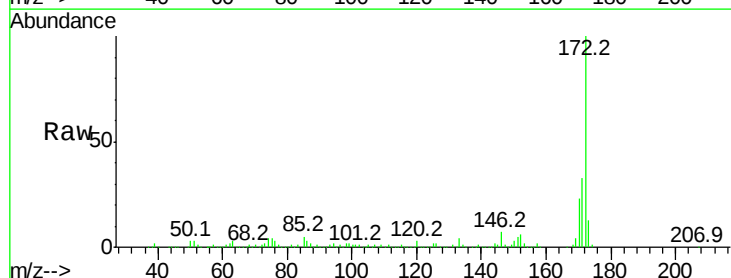
Instrument :
 BNA_G
 ClientSampleId :
 PAR-6

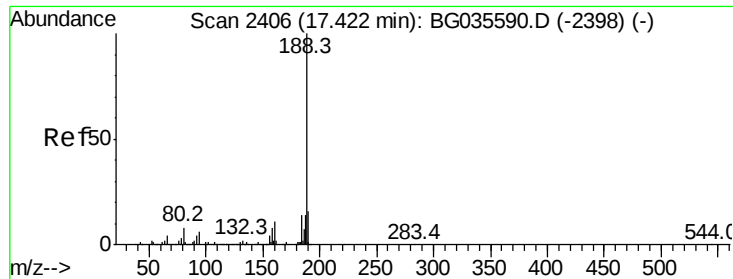
Tot Ion:330 Resp: 275076
 Ion Ratio Lower Upper
 330 100
 332 94.3 77.0 115.6
 141 40.3 25.2 37.8#



#44
 2-Fluorobiphenyl
 Concen: 99.518 ng
 RT: 13.30 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG035646.D
 Acq: 14 Jul 2018 1:55

Tgt Ion:172 Resp: 903034
 Ion Ratio Lower Upper
 172 100
 171 32.5 30.0 45.0
 170 23.4 19.5 29.3

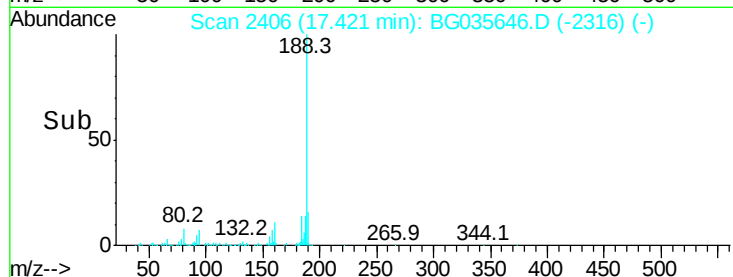
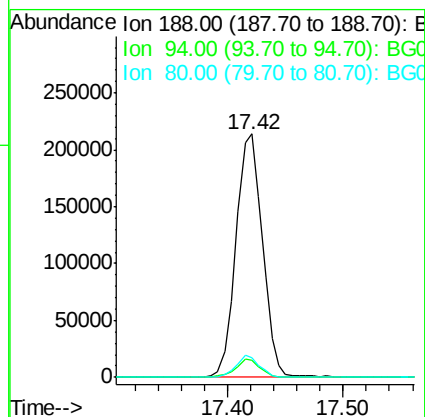
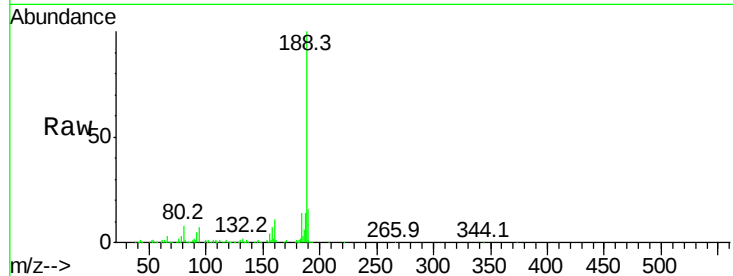




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2406
Delta R.T. -0.00 min
Lab File: BG035646.D
Acq: 14 Jul 2018 1:55

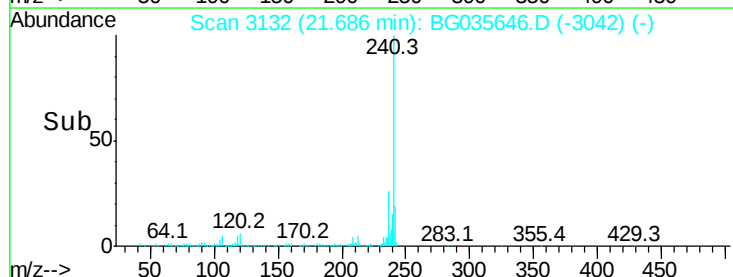
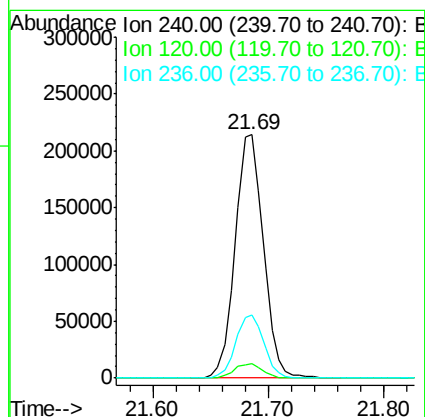
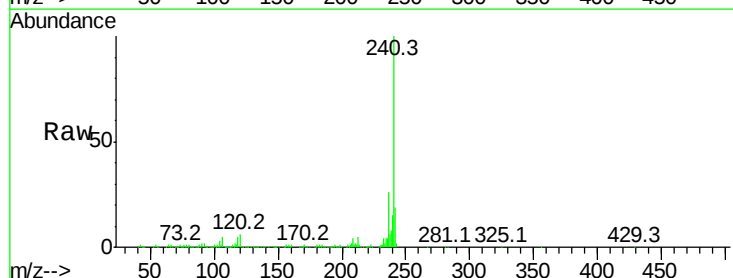
Instrument :
BNA_G
ClientSampled :
PAR-6

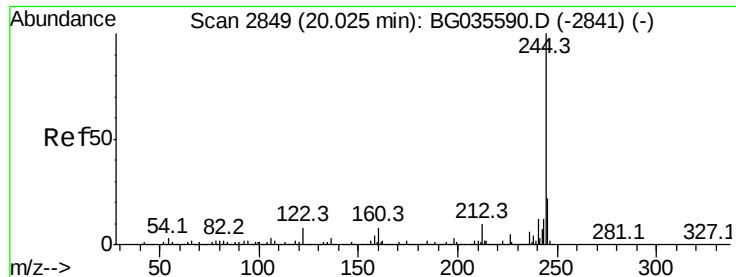
Tot Ion:188 Resp: 339925
Ion Ratio Lower Upper
188 100
94 6.8 6.9 10.3#
80 7.8 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.00 min
Lab File: BG035646.D
Acq: 14 Jul 2018 1:55

Tgt Ion:240 Resp: 363589
Ion Ratio Lower Upper
240 100
120 6.2 6.8 10.2#
236 26.0 20.9 31.3





#78

Terphenyl-d14

Concen: 102.813 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG035646.D

Acq: 14 Jul 2018 1:55

Instrument :

BNA_G

ClientSampleId :

PAR-6

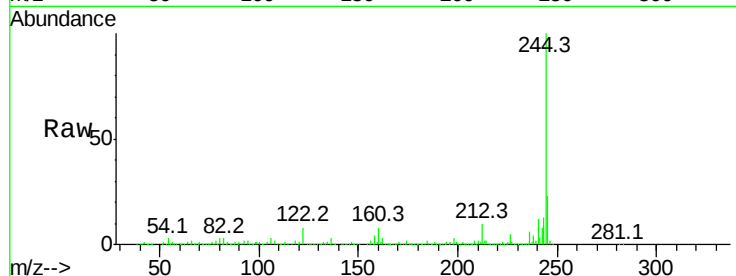
Tot Ion:244 Resp: 1695851

Ion Ratio Lower Upper

244 100

212 10.1 5.8 8.8#

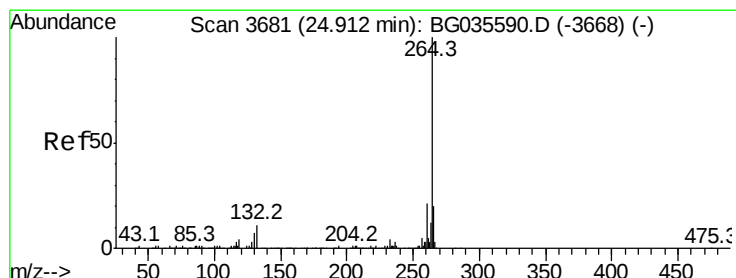
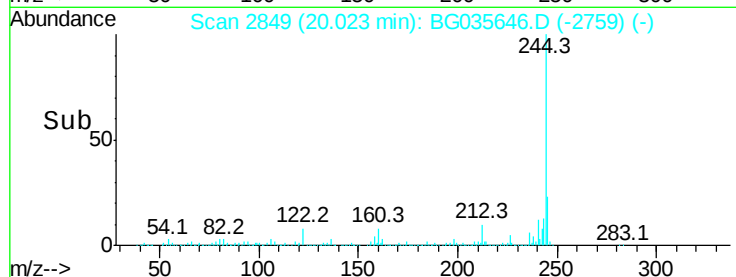
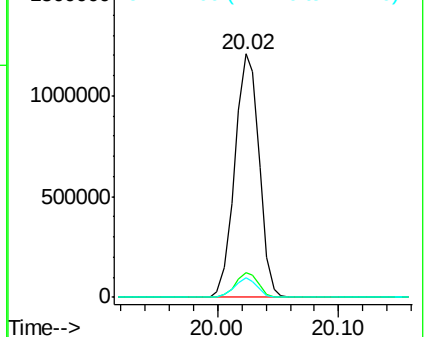
122 7.8 7.0 10.4



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. -0.01 min

Lab File: BG035646.D

Acq: 14 Jul 2018 1:55

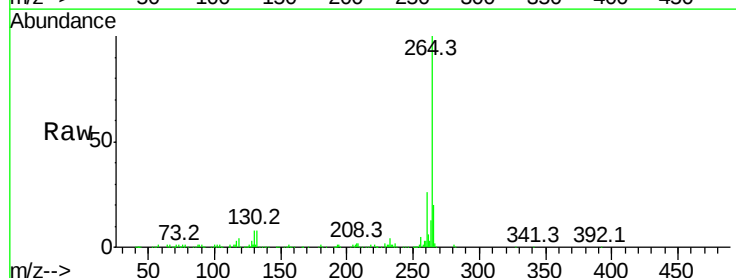
Tgt Ion:264 Resp: 340970

Ion Ratio Lower Upper

264 100

260 26.0 17.4 26.0

265 20.3 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

