

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090418\
 Data File : BG036559.D
 Acq On : 5 Sep 2018 10:06
 Operator : JU/SJ
 Sample : J4761-06
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RBR-200031

Quant Time: Sep 05 11:12:27 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	61856	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	258050	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	169498	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	443776	20.00	ng	0.00
75) Chrysene-d12	21.69	240	456124	20.00	ng	0.00
86) Perylene-d12	24.90	264	430873	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	551847	141.52	ng	0.00
7) Phenol-d6	7.22	99	704606	126.21	ng	0.00
23) Nitrobenzene-d5	9.22	82	532399	111.94	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	332403	164.35	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1181143	99.50	ng	0.00
78) Terphenyl-d14	20.03	244	1962326	100.56	ng	0.00

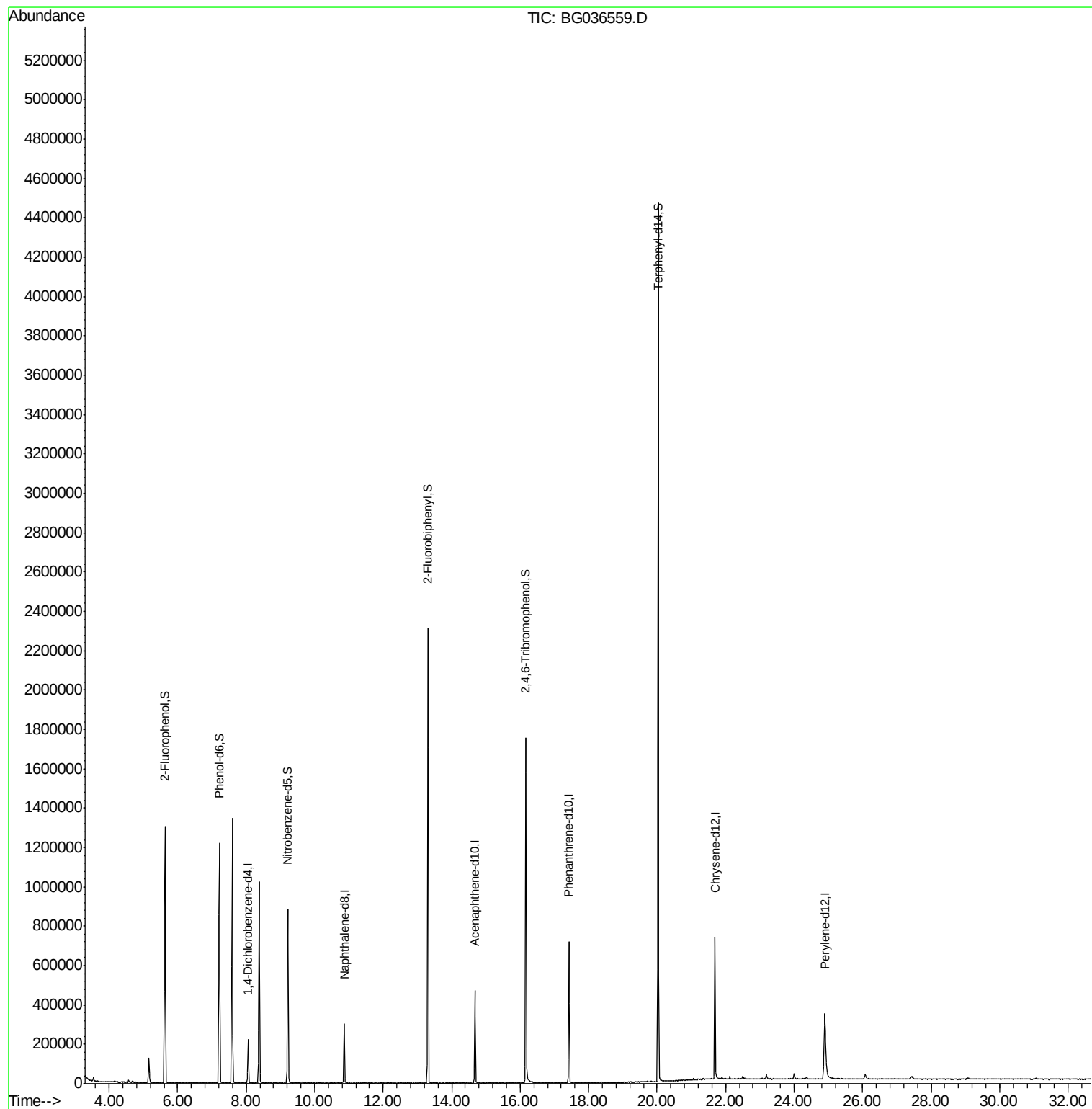
Target Compounds Qvalue

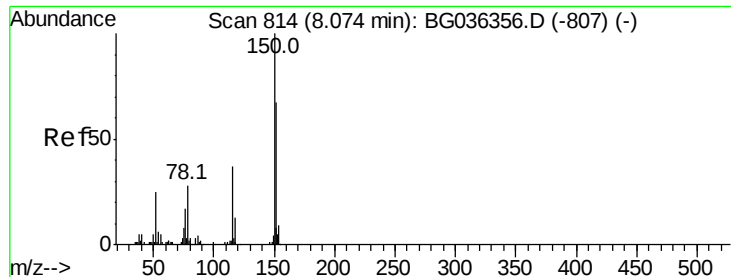
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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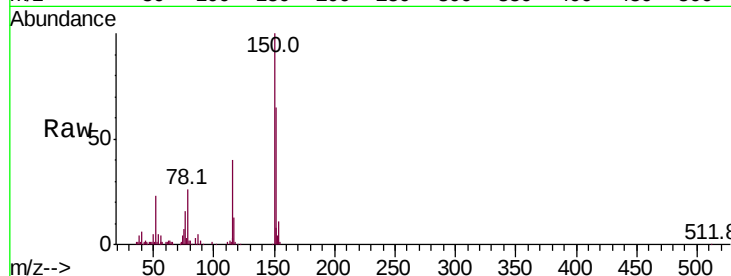


#1

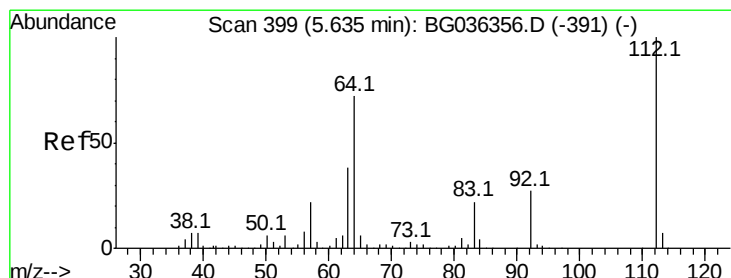
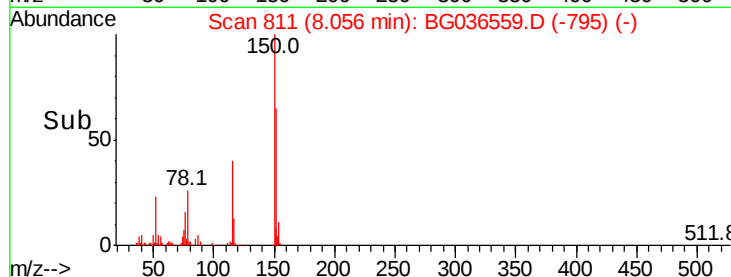
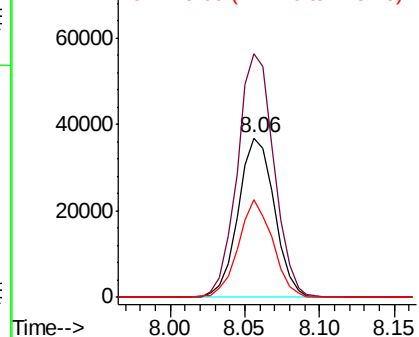
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036559.D
Acq: 5 Sep 2018 10:06

Instrument :
BNA_G
ClientSampleId :
RBR-200031

Tot Ion:152 Resp: 61856
Ion Ratio Lower Upper
152 100
150 152.9 119.5 179.3
115 61.5 44.5 66.7



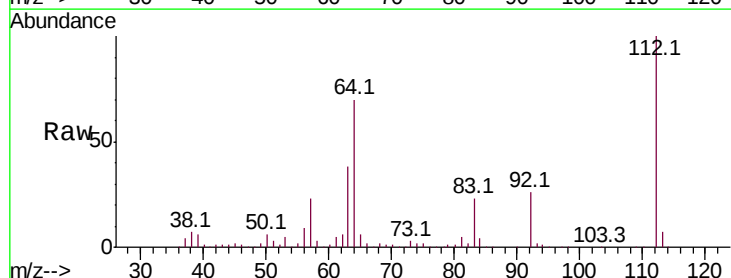
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



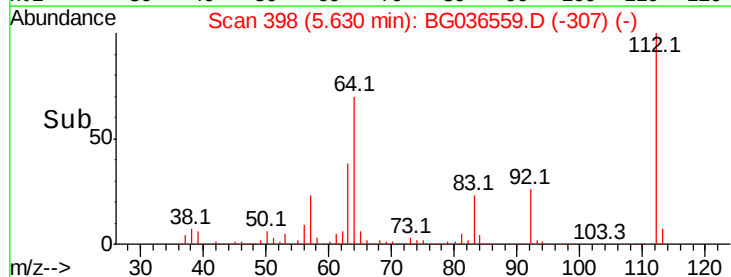
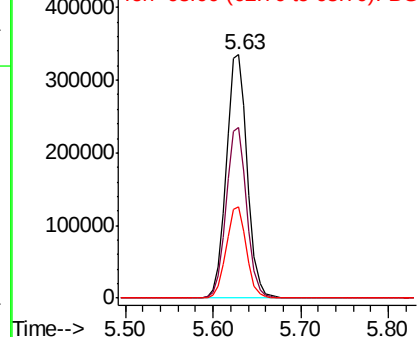
#5

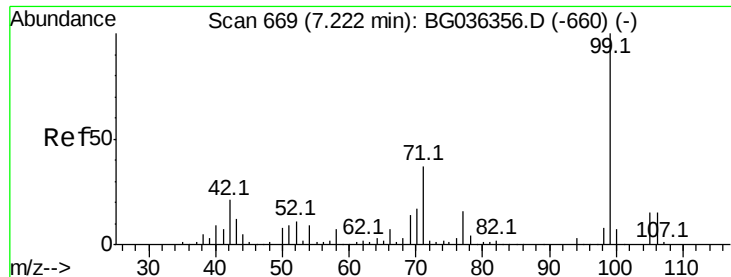
2-Fluorophenol
Concen: 141.521 ng
RT: 5.63 min Scan# 398
Delta R.T. 0.00 min
Lab File: BG036559.D
Acq: 5 Sep 2018 10:06

Tgt Ion:112 Resp: 551847
Ion Ratio Lower Upper
112 100
64 69.9 57.2 85.8
63 37.5 30.8 46.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 126.206 ng

RT: 7.22 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG036559.D

Acq: 5 Sep 2018 10:06

Instrument :

BNA_G

ClientSampleId :

RBR-200031

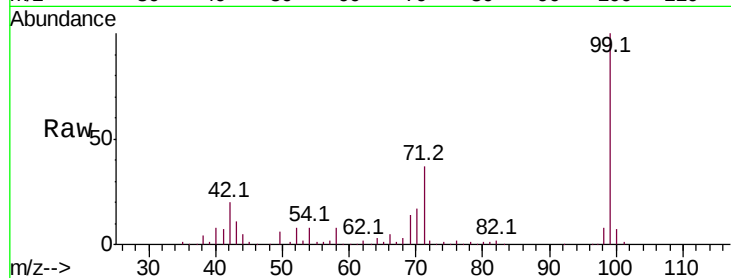
Tot Ion: 99 Resp: 704606

Ion Ratio Lower Upper

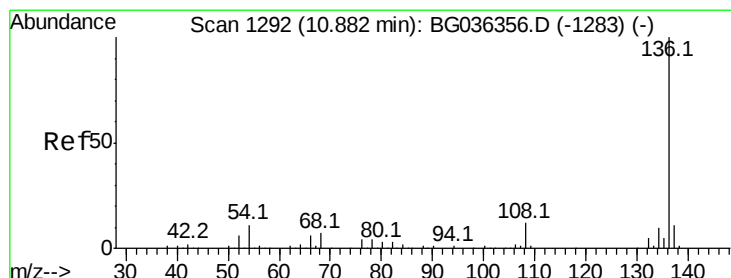
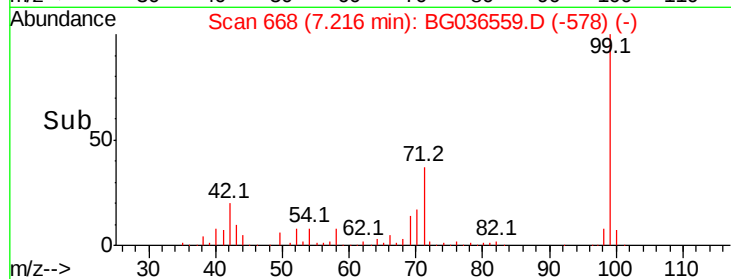
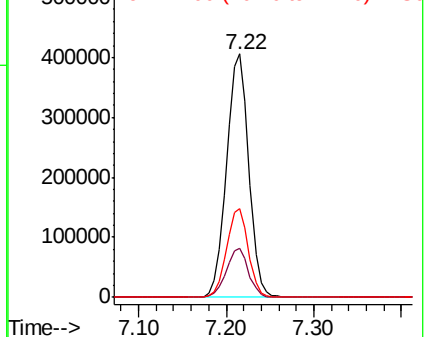
99 100

42 20.0 16.5 24.7

71 36.7 29.4 44.2



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: BG036559.D

Acq: 5 Sep 2018 10:06

Tgt Ion: 136 Resp: 258050

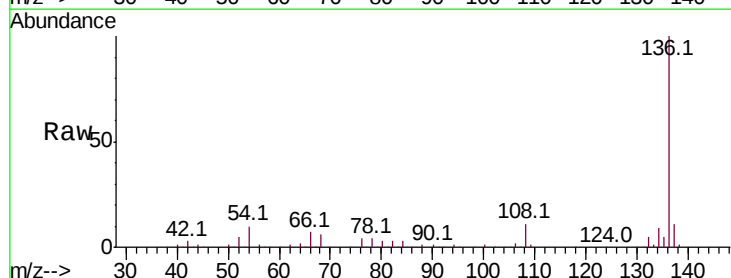
Ion Ratio Lower Upper

136 100

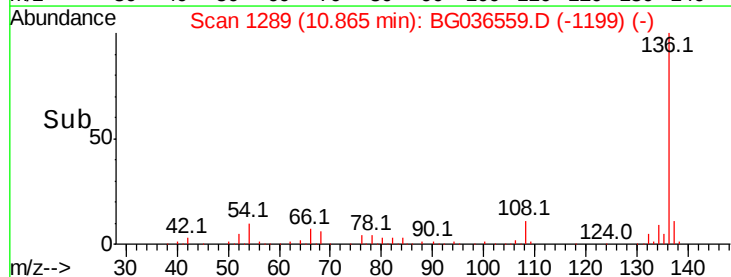
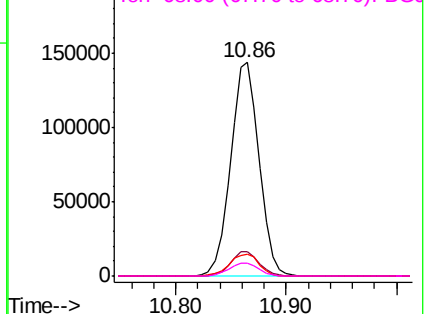
137 11.3 8.8 13.2

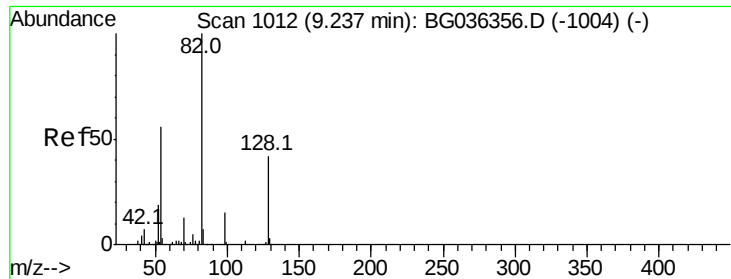
54 10.1 9.2 13.8

68 5.8 5.8 8.6



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

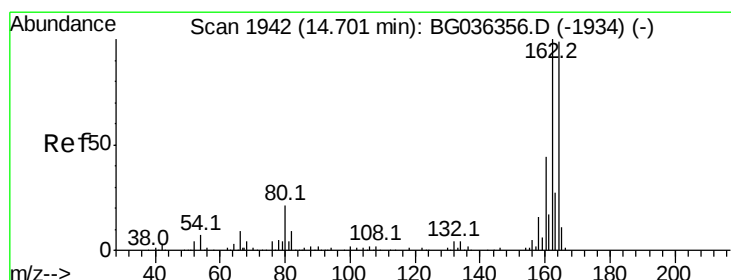
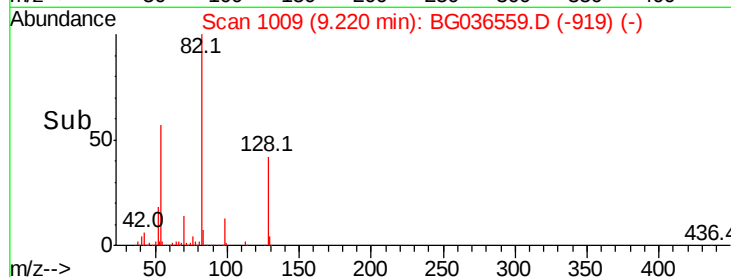
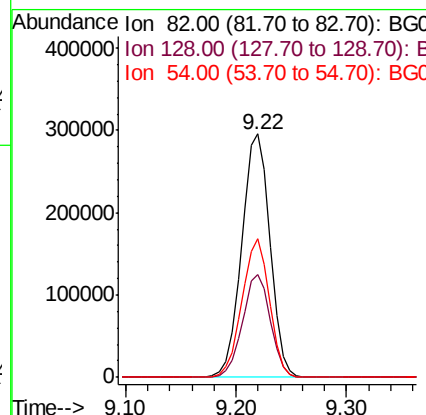
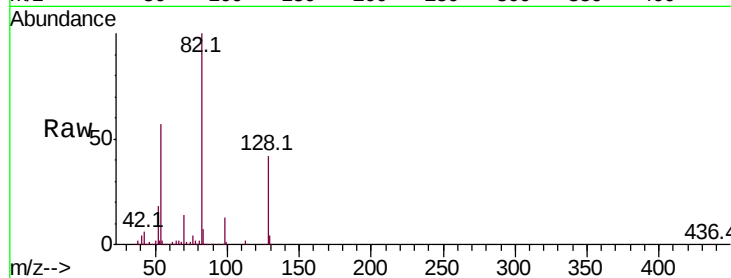




#23
 Nitrobenzene-d5
 Concen: 111.940 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BG036559.D
 Acq: 5 Sep 2018 10:06

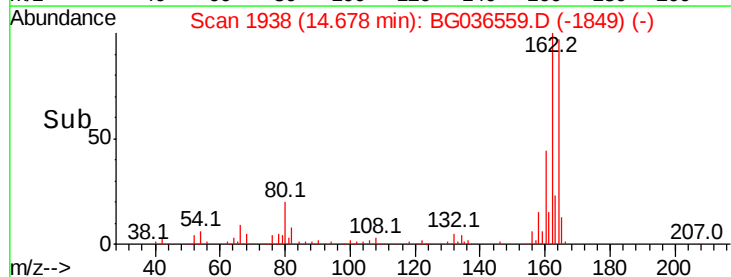
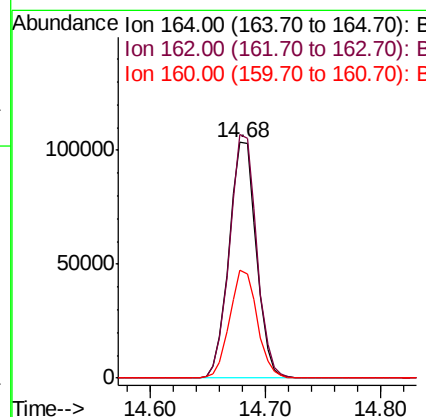
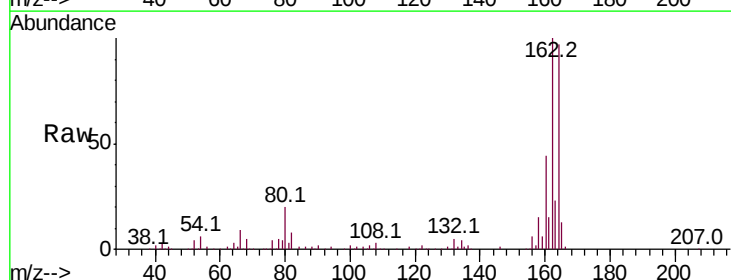
Instrument :
 BNA_G
 ClientSampleId :
 RBR-200031

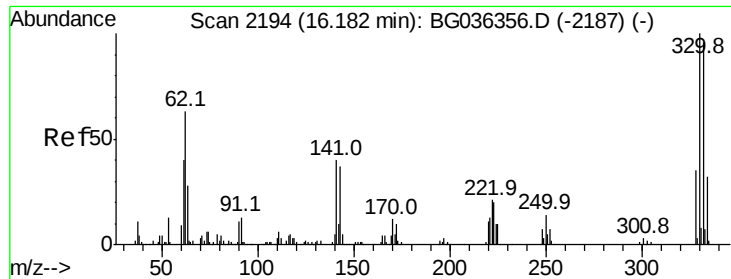
Tot Ion	Ratio	Lower	Upper
82	100		
128	42.5	33.3	49.9
54	56.8	45.1	67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1938
 Delta R.T. -0.01 min
 Lab File: BG036559.D
 Acq: 5 Sep 2018 10:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	80.7	121.1
160	45.7	35.3	52.9

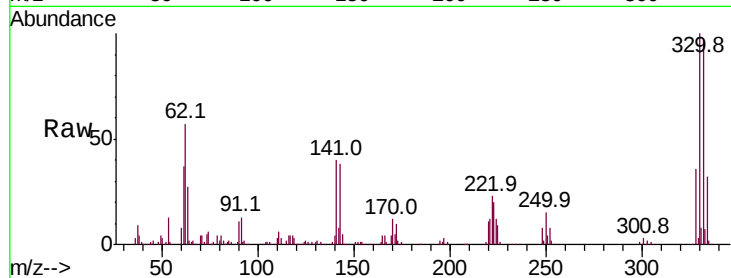




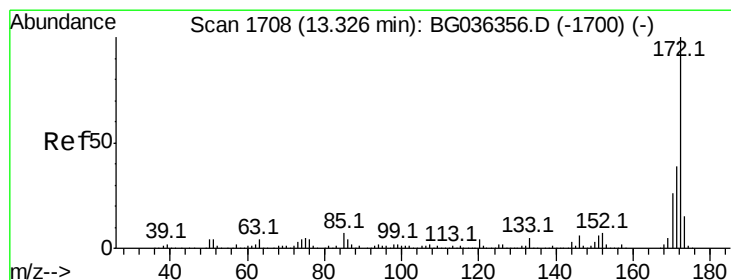
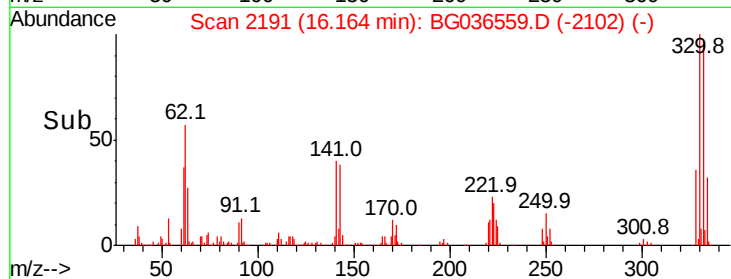
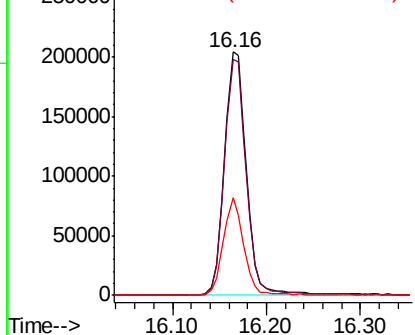
#41
 2,4,6-Tribromophenol
 Concen: 164.353 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036559.D
 Acq: 5 Sep 2018 10:06

Instrument :
 BNA_G
 ClientSampleId :
 RBR-200031

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	75.4	113.2
141	37.0	30.7	46.1

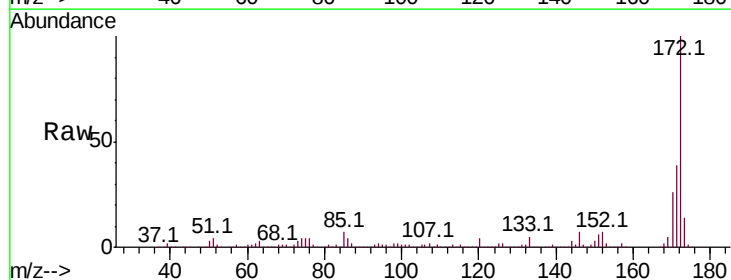


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

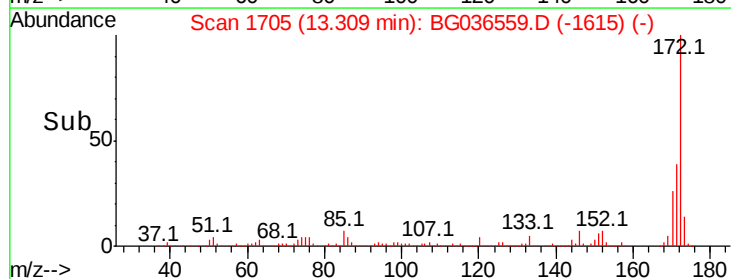
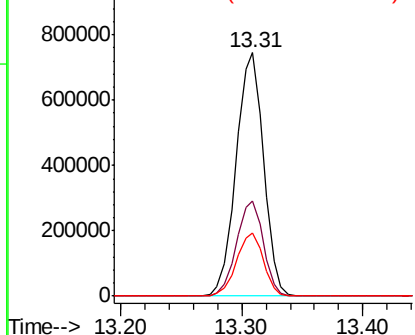


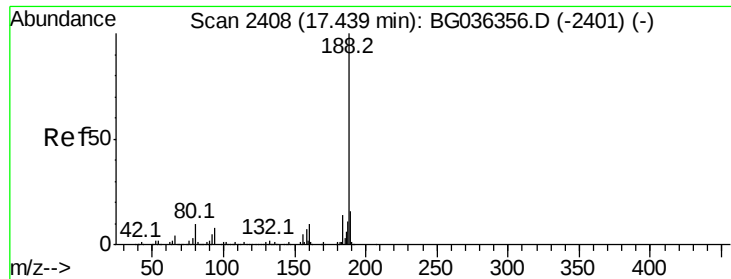
#44
 2-Fluorobiphenyl
 Concen: 99.497 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG036559.D
 Acq: 5 Sep 2018 10:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.0	31.3	46.9
170	25.8	21.0	31.6



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. -0.01 min

Lab File: BG036559.D

Acq: 5 Sep 2018 10:06

Instrument :

BNA_G

ClientSampleId :

RBR-200031

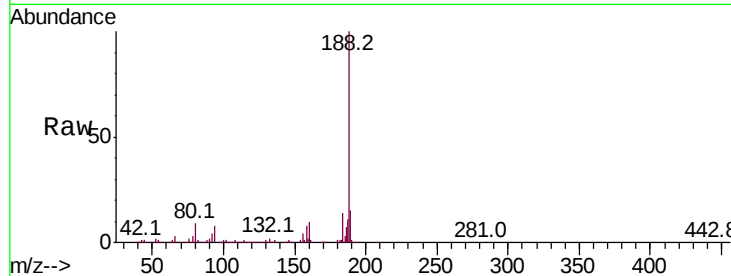
Tot Ion:188 Resp: 443776

Ion Ratio Lower Upper

188 100

94 8.0 6.7 10.1

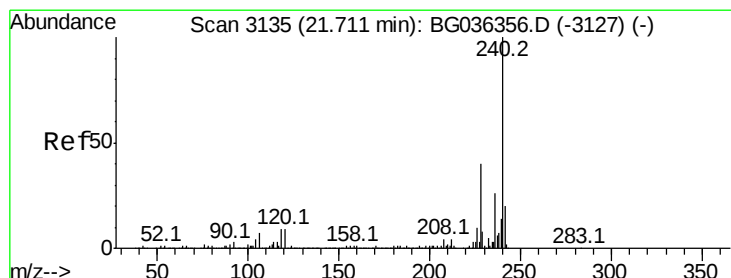
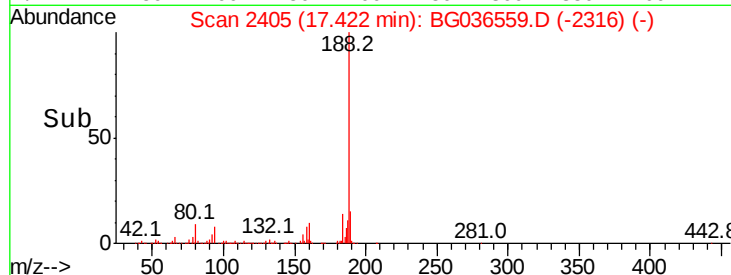
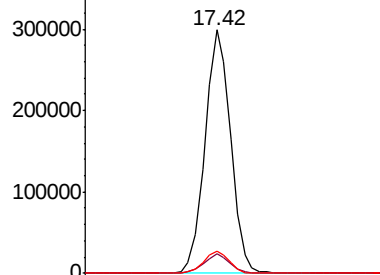
80 9.3 8.1 12.1



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# 3131

Delta R.T. -0.01 min

Lab File: BG036559.D

Acq: 5 Sep 2018 10:06

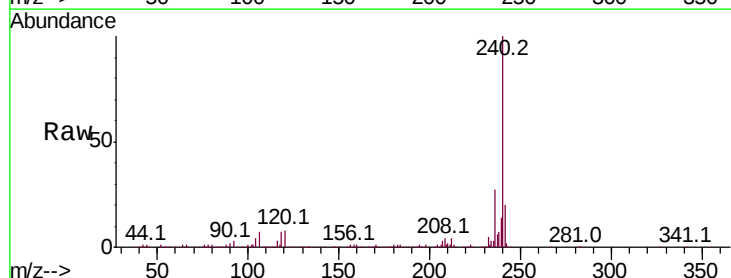
Tgt Ion:240 Resp: 456124

Ion Ratio Lower Upper

240 100

120 7.7 6.9 10.3

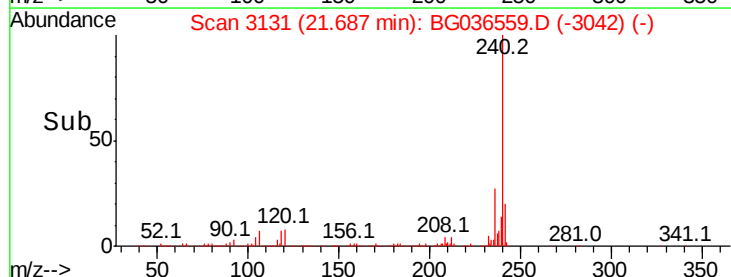
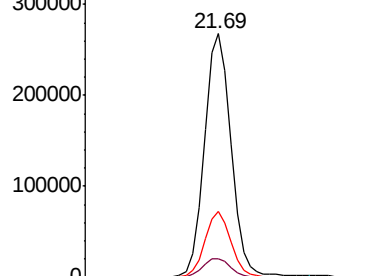
236 27.0 21.2 31.8

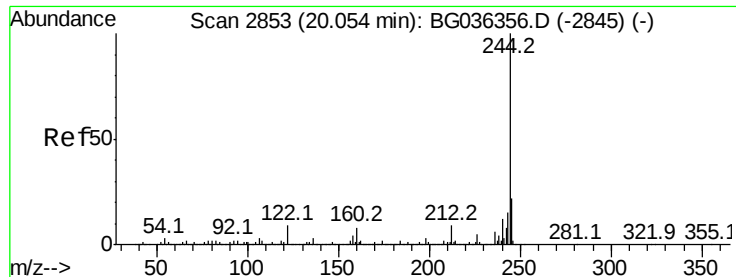


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 100.557 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG036559.D

Acq: 5 Sep 2018 10:06

Instrument :

BNA_G

ClientSampleId :

RBR-200031

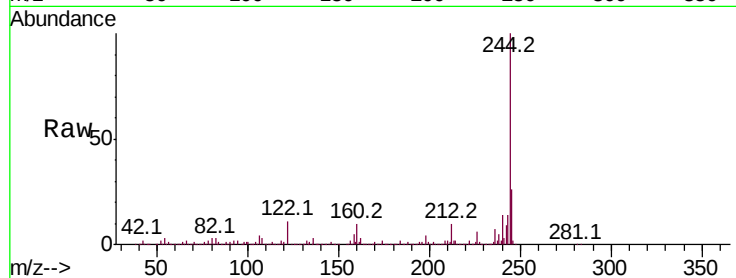
Tot Ion:244 Resp: 1962326

Ion Ratio Lower Upper

244 100

212 9.8 7.0 10.6

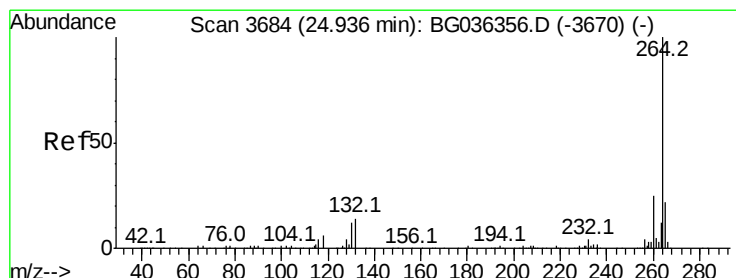
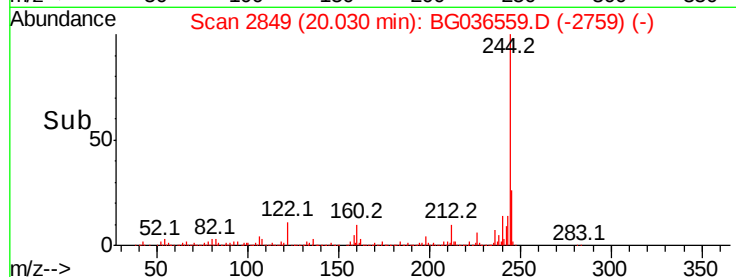
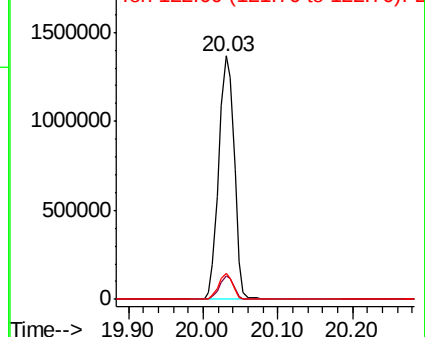
122 10.8 7.1 10.7#



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# 3677

Delta R.T. -0.01 min

Lab File: BG036559.D

Acq: 5 Sep 2018 10:06

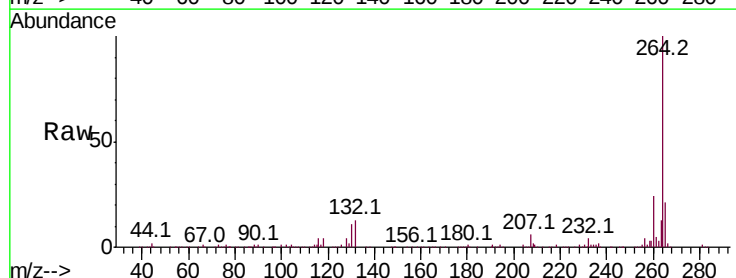
Tgt Ion:264 Resp: 430873

Ion Ratio Lower Upper

264 100

260 23.8 19.6 29.4

265 20.7 17.4 26.0



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

