

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080718\
 Data File : BG036171.D
 Acq On : 7 Aug 2018 21:01
 Operator : JU/SJ
 Sample : J4366-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SV30518L

Quant Time: Aug 08 02:03:58 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

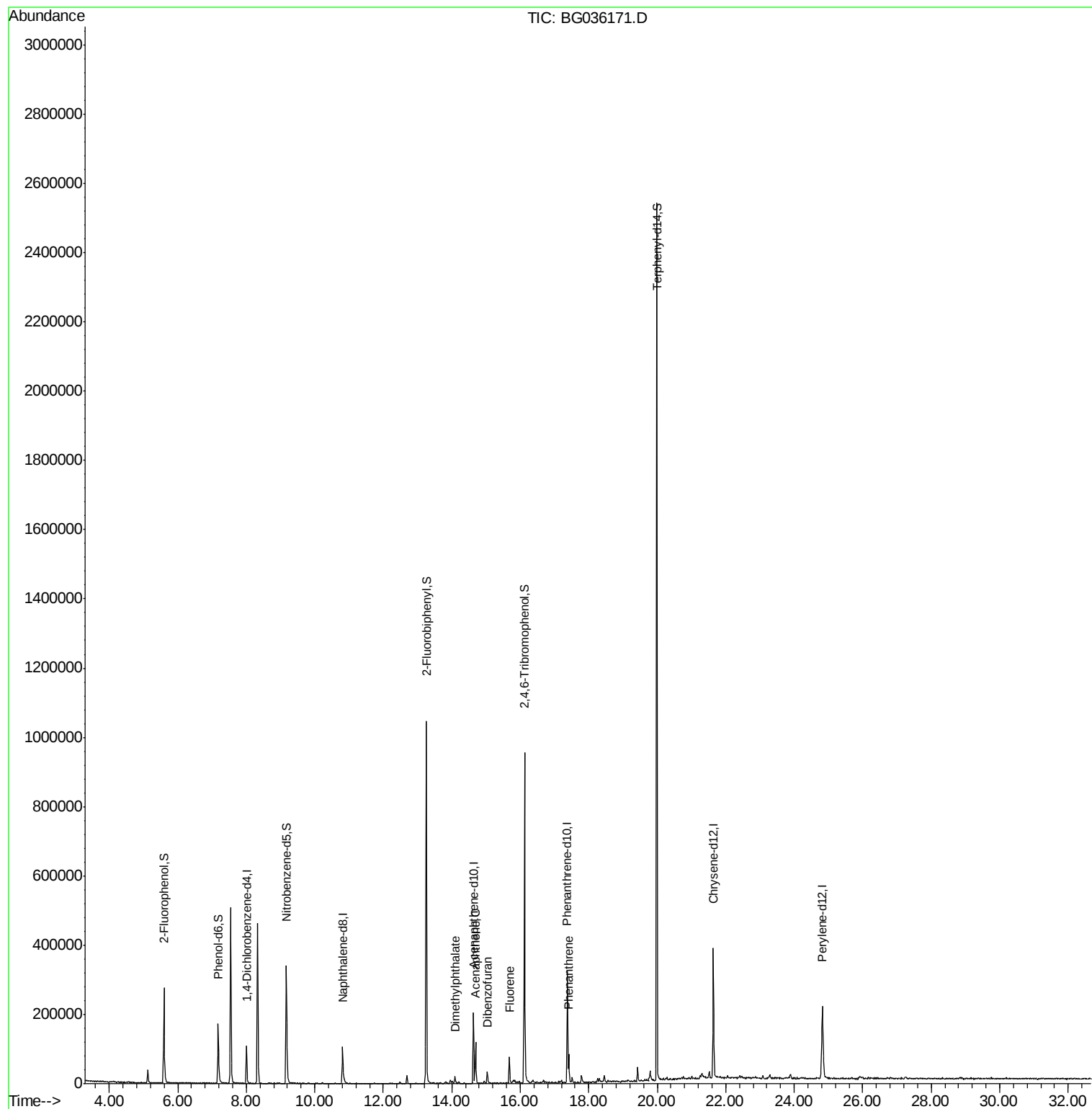
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	30176	20.00	ng	-0.01
21) Naphthalene-d8	10.81	136	106035	20.00	ng	-0.02
38) Acenaphthene-d10	14.64	164	75375	20.00	ng	-0.01
63) Phenanthrene-d10	17.37	188	216584	20.00	ng	-0.02
75) Chrysene-d12	21.64	240	252120	20.00	ng	-0.02
86) Perylene-d12	24.82	264	241821	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	132374	72.83	ng	0.00
7) Phenol-d6	7.18	99	121016	44.63	ng	-0.02
23) Nitrobenzene-d5	9.17	82	253530	99.88	ng	-0.01
41) 2,4,6-Tribromophenol	16.12	330	182608	183.80	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	587390	104.40	ng	-0.02
78) Terphenyl-d14	19.99	244	1234183	107.91	ng	-0.01
Target Compounds						
49) Dimethylphthalate	14.09	163	17130	2.594	ng	98
51) Acenaphthene	14.70	154	45601	9.614	ng	95
54) Dibenzofuran	15.04	168	26631	3.530	ng	92
57) Fluorene	15.68	166	38331	6.063	ng	99
70) Phenanthrene	17.42	178	49921	4.619	ng	98

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

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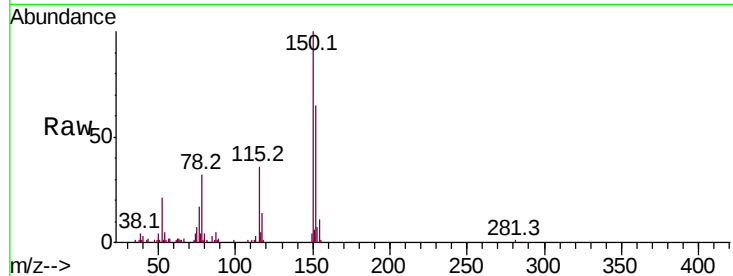


#1

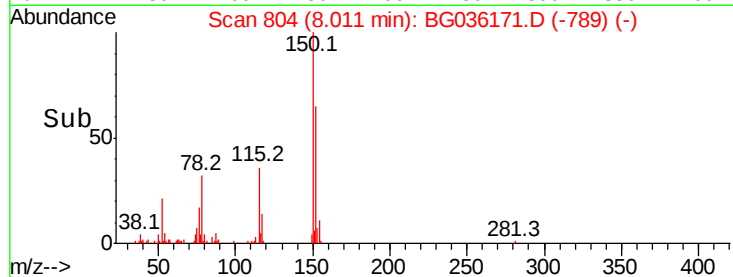
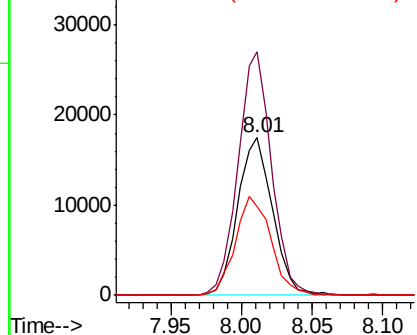
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 804
Delta R.T. -0.01 min
Lab File: BG036171.D
Acq: 7 Aug 2018 21:01

Instrument :
BNA_G
ClientSampleId :
SV30518L

Tot Ion:152 Resp: 30176
Ion Ratio Lower Upper
152 100
150 154.8 126.6 189.8
115 56.3 53.0 79.4



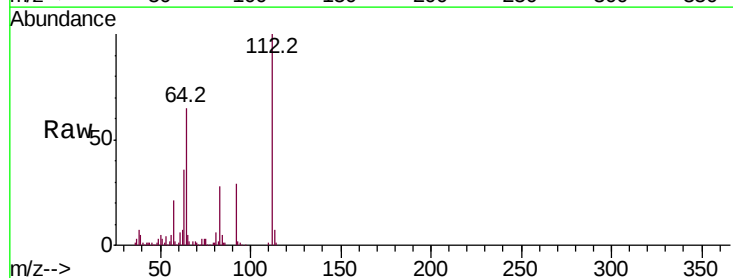
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



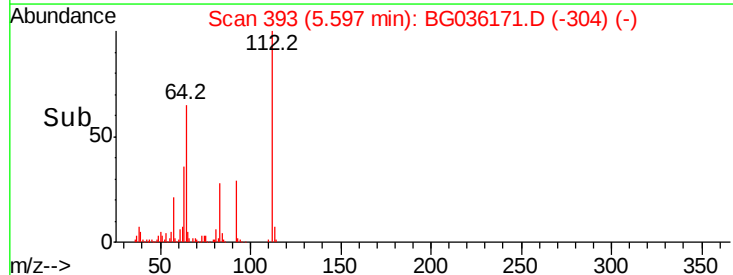
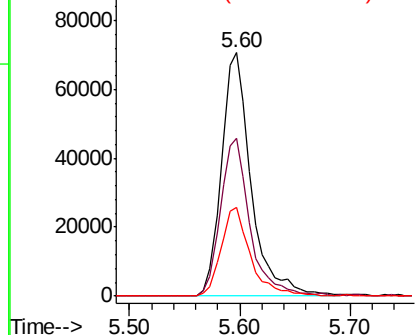
#5

2-Fluorophenol
Concen: 72.830 ng
RT: 5.60 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG036171.D
Acq: 7 Aug 2018 21:01

Tgt Ion:112 Resp: 132374
Ion Ratio Lower Upper
112 100
64 64.7 56.3 84.5
63 36.4 30.1 45.1



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: 44.626 ng

RT: 7.18 min Scan# 662

Delta R.T. -0.02 min

Lab File: BG036171.D

Acq: 7 Aug 2018 21:01

Instrument :

BNA_G

ClientSampleId :

SV30518L

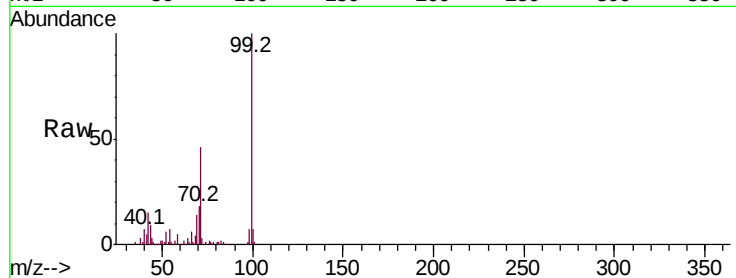
Tot Ion: 99 Resp: 121016

Ion Ratio Lower Upper

99 100

42 15.1 14.1 21.1

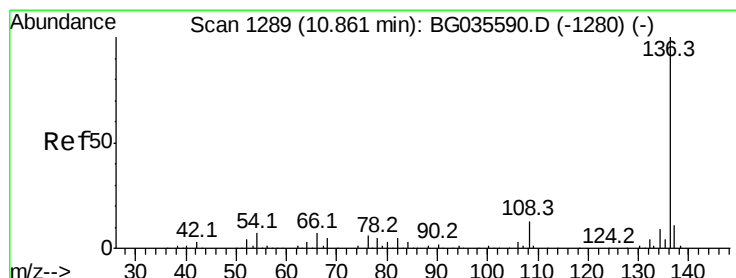
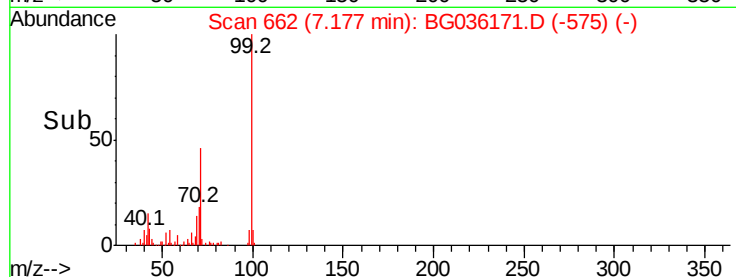
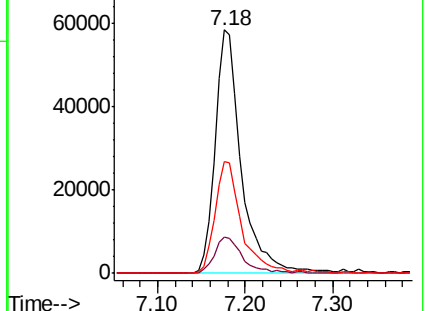
71 45.8 26.1 39.1#



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: 10.81 min Scan# 1281

Delta R.T. -0.02 min

Lab File: BG036171.D

Acq: 7 Aug 2018 21:01

Tgt Ion: 136 Resp: 106035

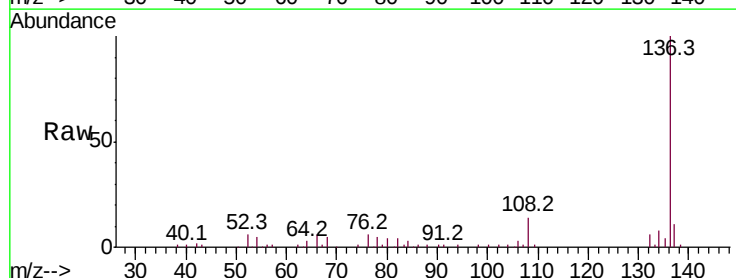
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 5.4 10.3 15.5#

68 4.5 4.5 6.7

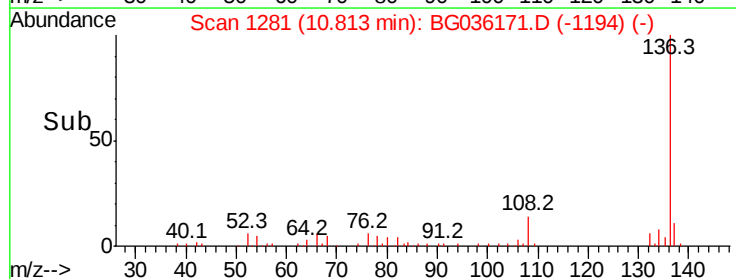
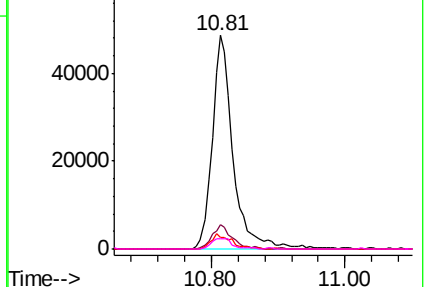


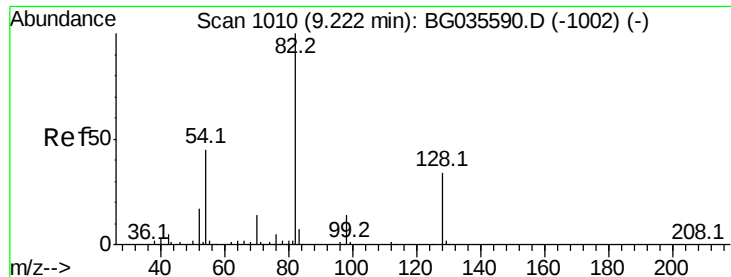
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

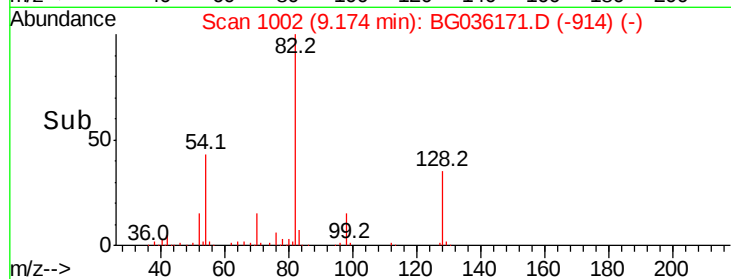
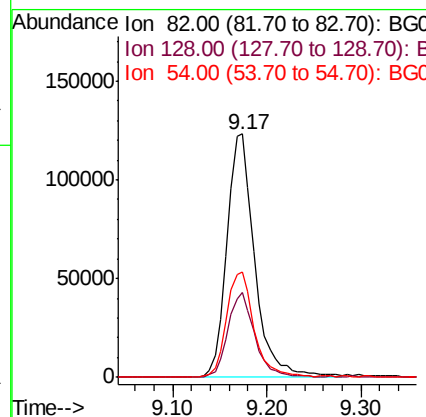
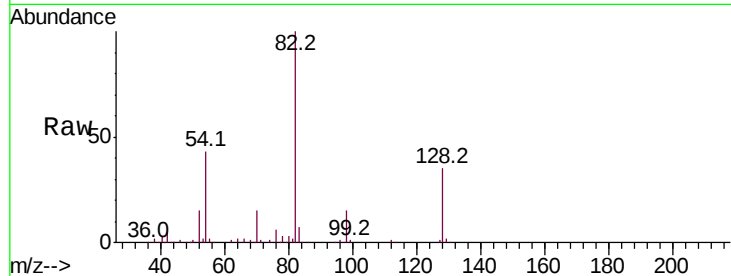




#23
 Nitrobenzene-d5
 Concen: 99.883 ng
 RT: 9.17 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BG036171.D
 Acq: 7 Aug 2018 21:01

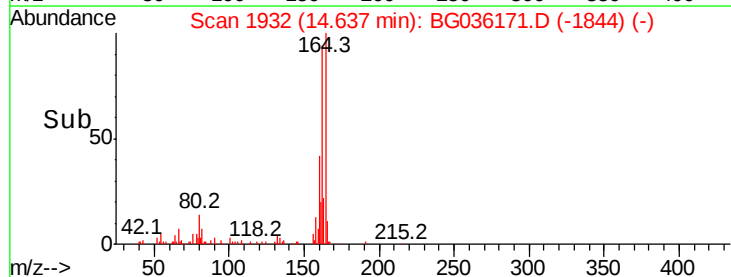
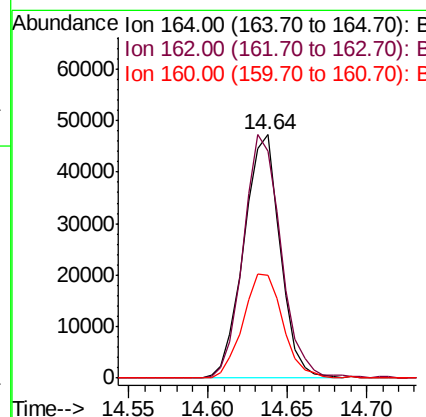
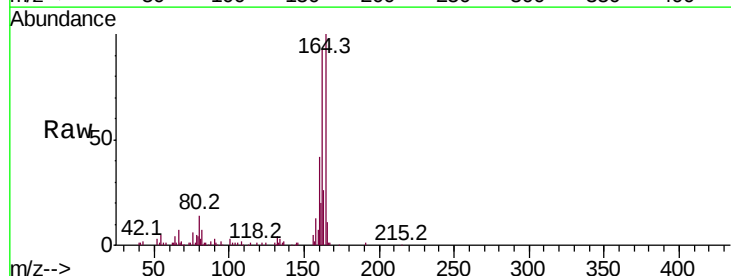
Instrument :
 BNA_G
 ClientSampleId :
 SV30518L

Tot Ion	82	Resp	253530
Ion Ratio	100	Lower	Upper
128	34.8	29.7	44.5
54	43.3	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.64 min Scan# 1932
 Delta R.T. -0.01 min
 Lab File: BG036171.D
 Acq: 7 Aug 2018 21:01

Tgt Ion	164	Resp	75375
Ion Ratio	100	Lower	Upper
162	93.5	78.8	118.2
160	42.2	35.4	53.0

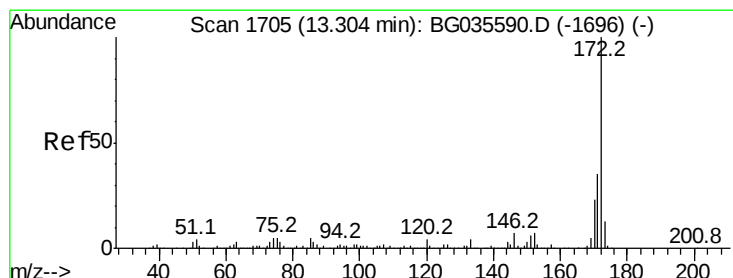
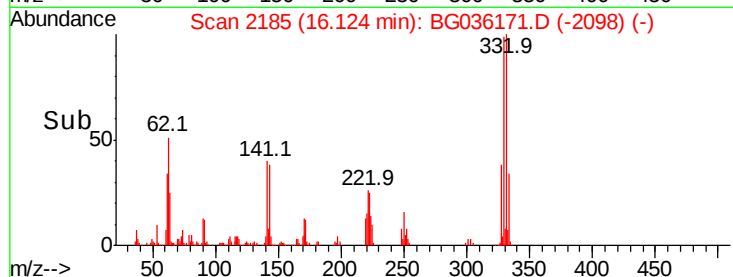
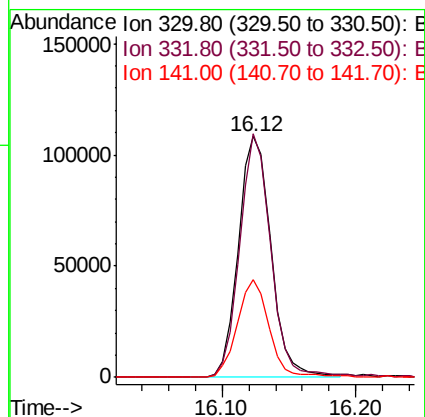
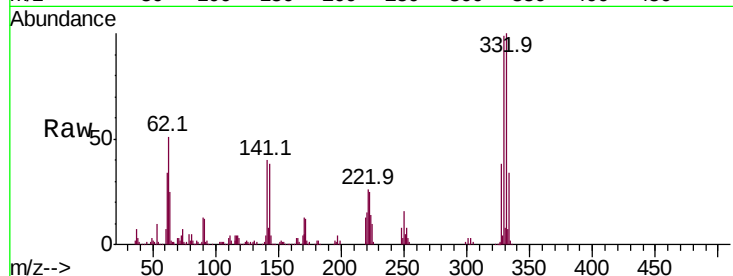




#41
 2,4,6-Tribromophenol
 Concen: 183.804 ng
 RT: 16.12 min Scan# 2185
 Delta R.T. -0.02 min
 Lab File: BG036171.D
 Acq: 7 Aug 2018 21:01

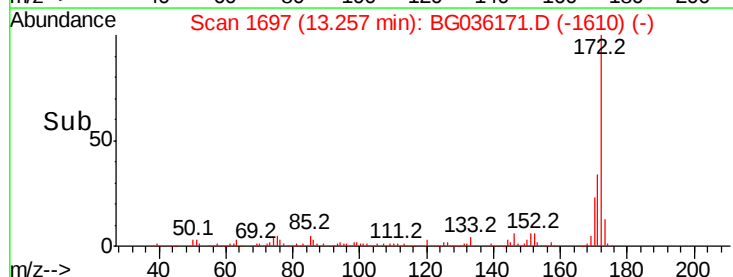
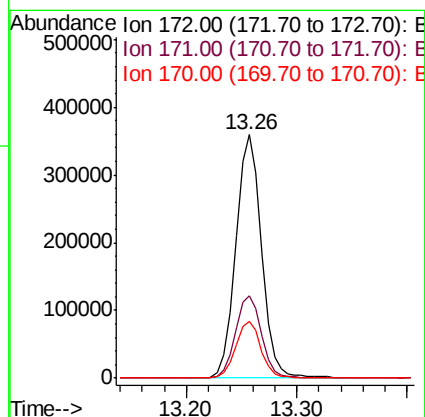
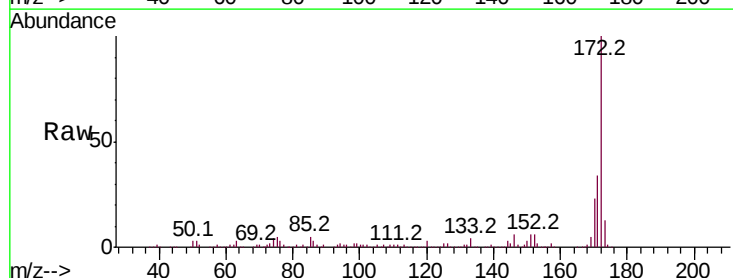
Instrument :
 BNA_G
 ClientSampled :
 SV30518L

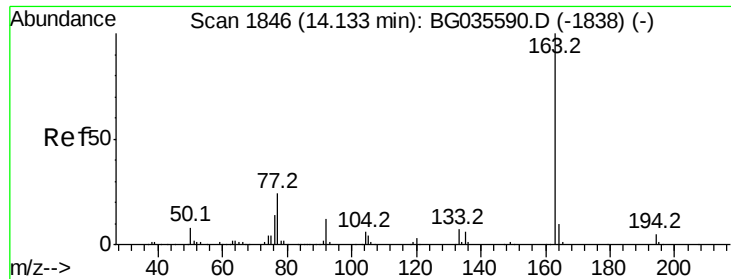
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	39.9	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 104.405 ng
 RT: 13.26 min Scan# 1697
 Delta R.T. -0.02 min
 Lab File: BG036171.D
 Acq: 7 Aug 2018 21:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.0	30.0	45.0
170	23.2	19.5	29.3





#49

Dimethylphthalate

Concen: 2.594 ng

RT: 14.09 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BG036171.D

Acq: 7 Aug 2018 21:01

Instrument :

BNA_G

ClientSampleId :

SV30518L

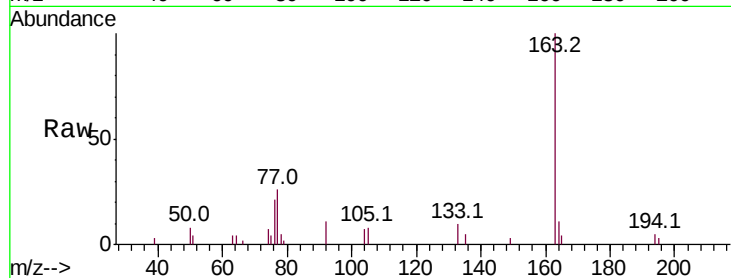
Tot Ion:163 Resp: 17130

Ion Ratio Lower Upper

163 100

194 5.1 3.4 5.2

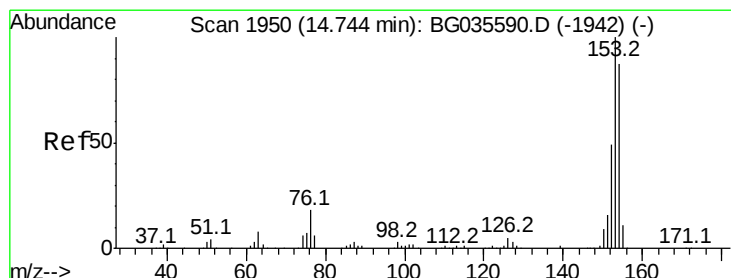
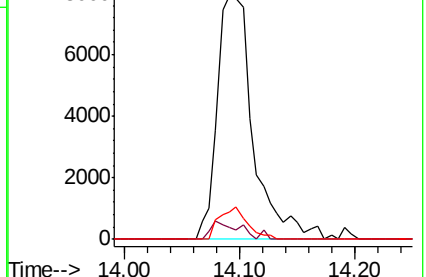
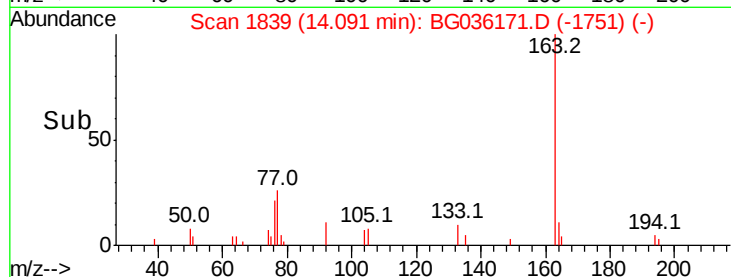
164 11.2 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

Acenaphthene

Concen: 9.614 ng

RT: 14.70 min Scan# 1942

Delta R.T. -0.02 min

Lab File: BG036171.D

Acq: 7 Aug 2018 21:01

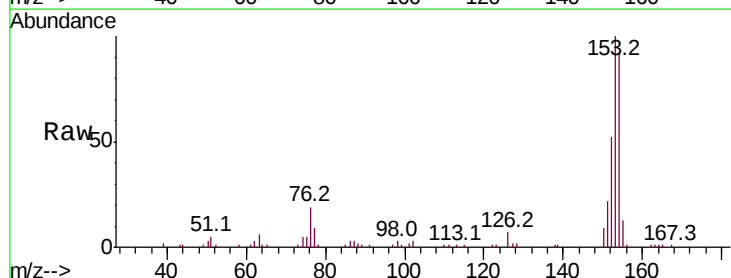
Tgt Ion:154 Resp: 45601

Ion Ratio Lower Upper

154 100

153 108.4 90.4 135.6

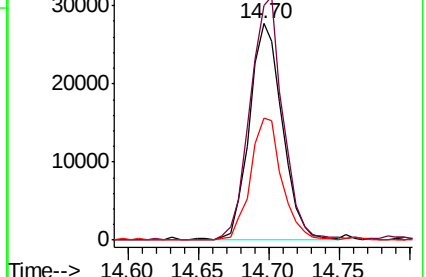
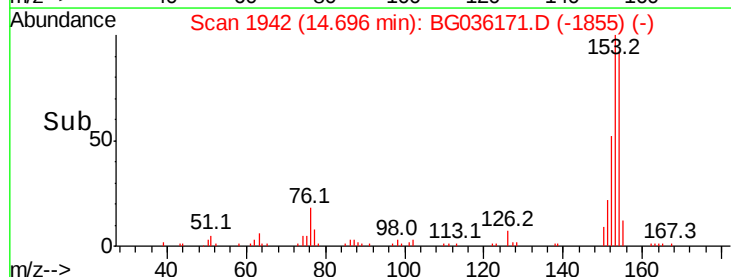
152 56.5 41.6 62.4

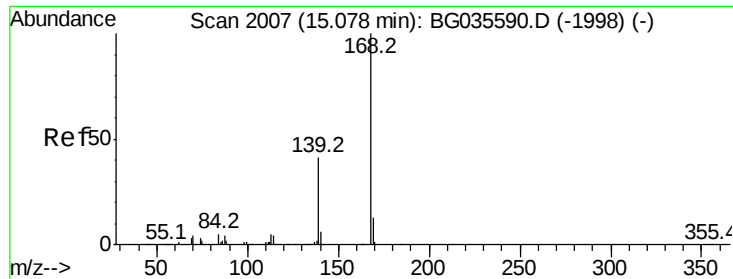


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#54

Dibenzofuran

Concen: 3.530 ng

RT: 15.04 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BG036171.D

Acq: 7 Aug 2018 21:01

Instrument :

BNA_G

ClientSampleId :

SV30518L

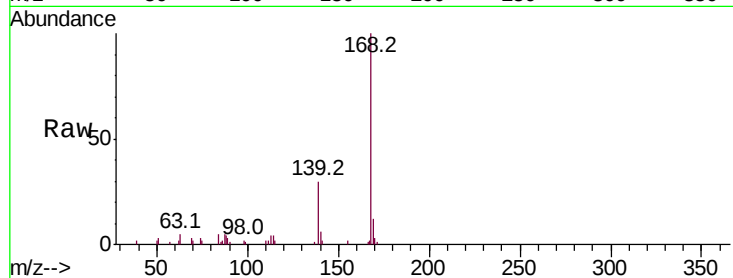
Tot Ion:168 Resp: 26631

Ion Ratio Lower Upper

168 100

139 30.0 28.6 43.0

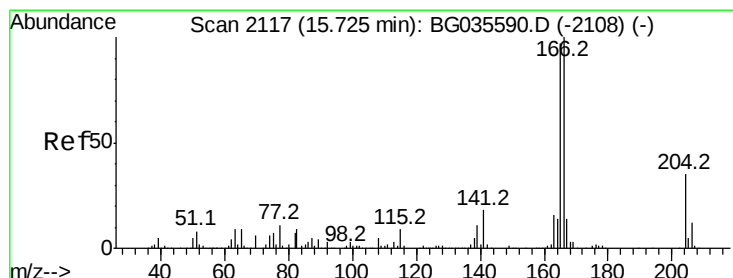
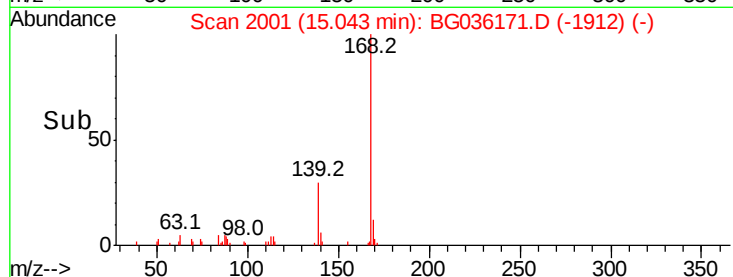
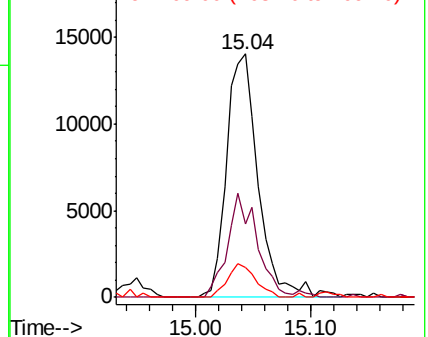
169 12.4 11.2 16.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#57

Fluorene

Concen: 6.063 ng

RT: 15.68 min Scan# 2110

Delta R.T. -0.01 min

Lab File: BG036171.D

Acq: 7 Aug 2018 21:01

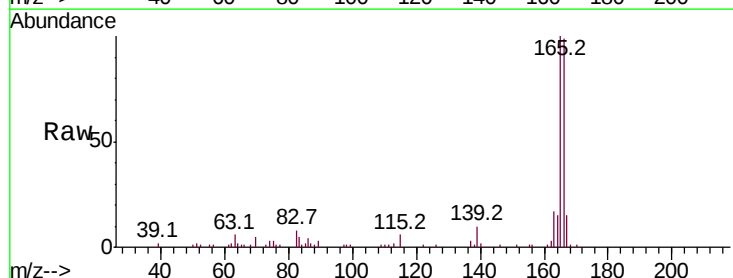
Tgt Ion:166 Resp: 38331

Ion Ratio Lower Upper

166 100

165 101.3 80.6 121.0

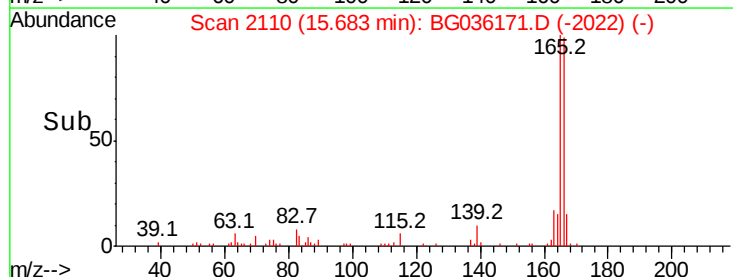
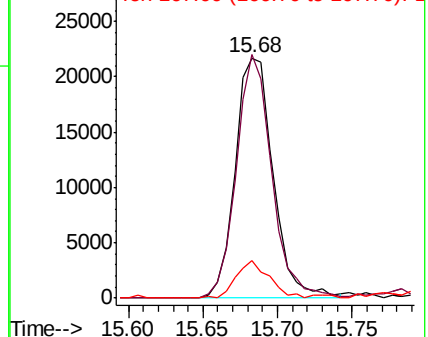
167 15.5 10.4 15.6

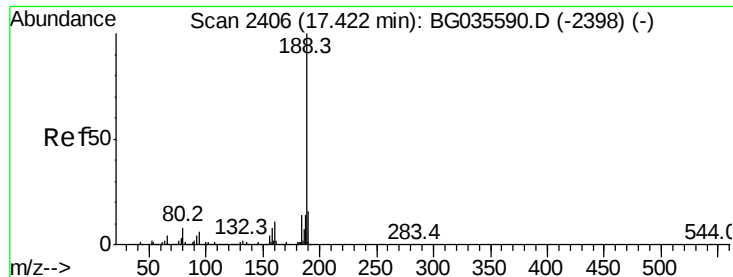


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.37 min Scan# 2398

Delta R.T. -0.02 min

Lab File: BG036171.D

Acq: 7 Aug 2018 21:01

Instrument :

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SV30518L

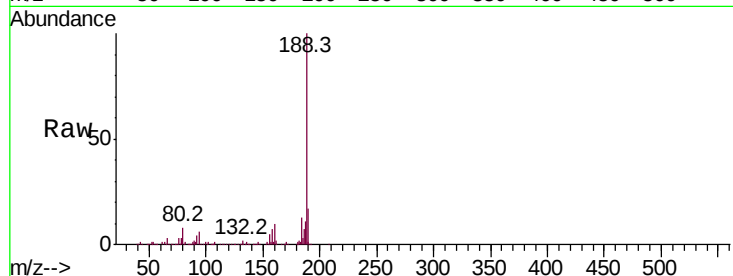
Tot Ion:188 Resp: 216584

Ion Ratio Lower Upper

188 100

94 6.1 6.9 10.3#

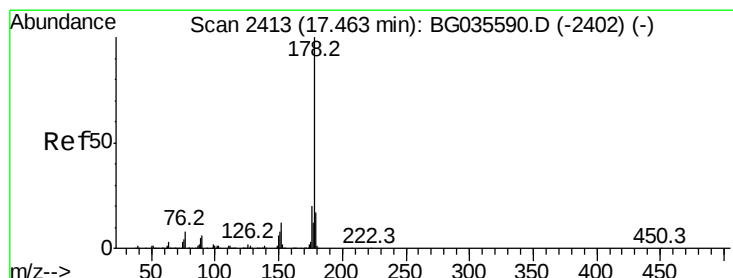
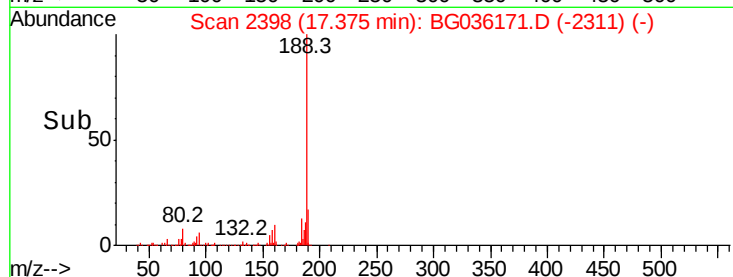
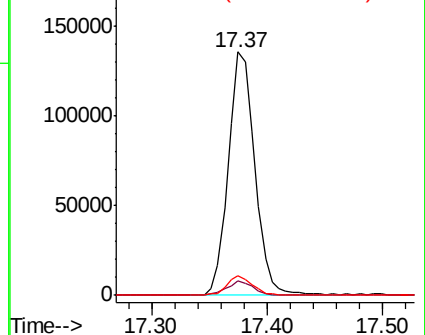
80 8.0 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#70

Phenanthrene

Concen: 4.619 ng

RT: 17.42 min Scan# 2406

Delta R.T. -0.02 min

Lab File: BG036171.D

Acq: 7 Aug 2018 21:01

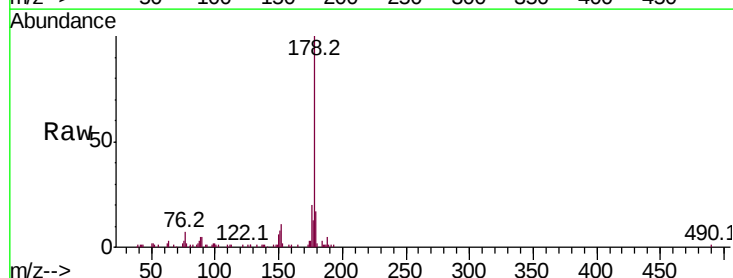
Tgt Ion:178 Resp: 49921

Ion Ratio Lower Upper

178 100

176 20.2 15.7 23.5

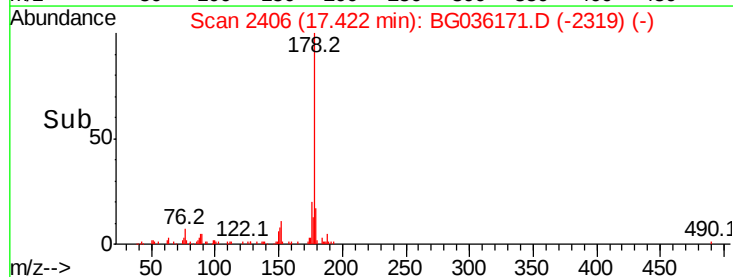
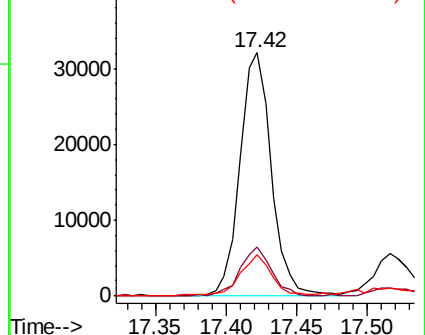
179 17.2 12.5 18.7

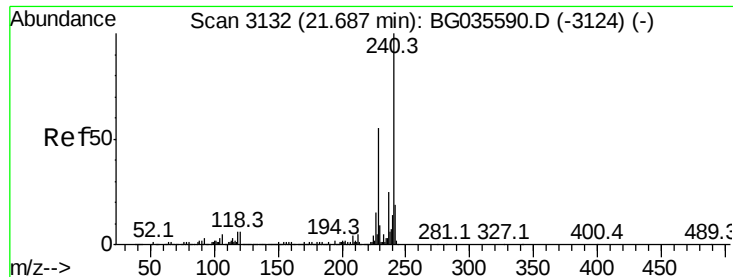


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3124

Delta R.T. -0.02 min

Lab File: BG036171.D

Acq: 7 Aug 2018 21:01

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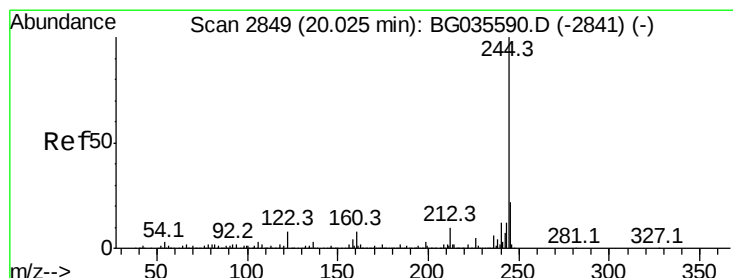
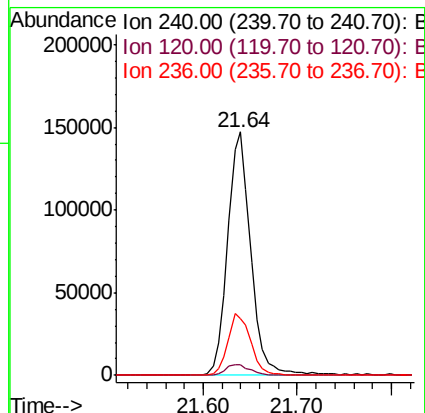
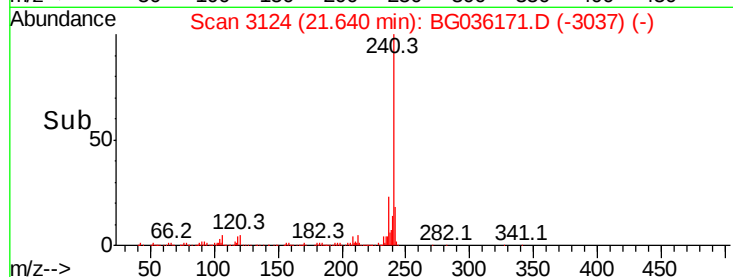
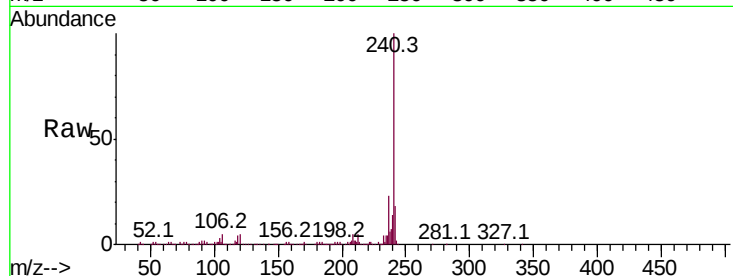
Tot Ion:240 Resp: 252120

Ion Ratio Lower Upper

240 100

120 4.5 6.8 10.2#

236 23.1 20.9 31.3



#78

Terphenyl-d14

Concen: 107.905 ng

RT: 19.99 min Scan# 2843

Delta R.T. -0.01 min

Lab File: BG036171.D

Acq: 7 Aug 2018 21:01

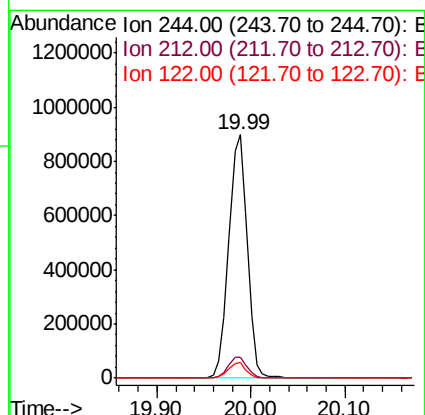
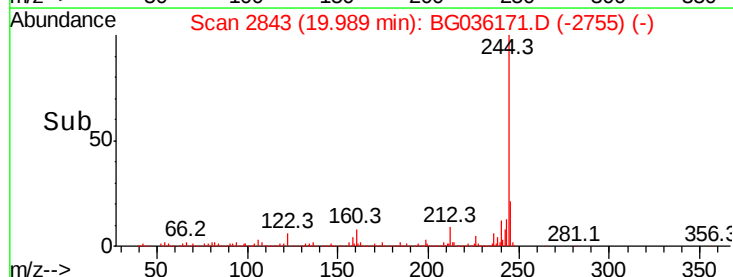
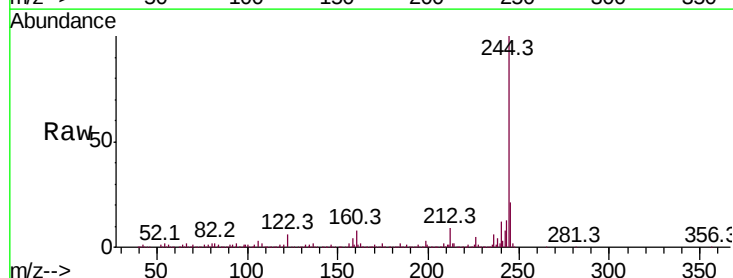
Tgt Ion:244 Resp: 1234183

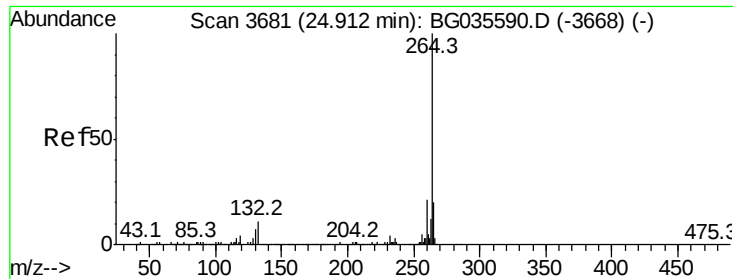
Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

122 6.4 7.0 10.4#





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.82 min Scan# 3666
Delta R.T. -0.04 min
Lab File: BG036171.D
Acq: 7 Aug 2018 21:01

Instrument :
BNA_G
ClientSampleId :
SV30518L

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.1	17.4	26.0
265	21.0	17.7	26.5

