

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080718\
 Data File : BG036185.D
 Acq On : 8 Aug 2018 6:50
 Operator : JU/SJ
 Sample : PB111739BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111739BL

Quant Time: Aug 08 07:48:12 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	8.00	152	26225	20.00	ng	-0.02
21) Naphthalene-d8	10.81	136	84992	20.00	ng	-0.02
38) Acenaphthene-d10	14.64	164	63830	20.00	ng	-0.01
63) Phenanthrene-d10	17.38	188	191524	20.00	ng	-0.01
75) Chrysene-d12	21.64	240	219343	20.00	ng	-0.02
86) Perylene-d12	24.82	264	197347	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	213632	135.24	ng	0.00
7) Phenol-d6	7.18	99	300107	127.34	ng	-0.01
23) Nitrobenzene-d5	9.17	82	196035	96.35	ng	-0.01
41) 2,4,6-Tribromophenol	16.12	330	148250	176.21	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	474647	99.62	ng	-0.02
78) Terphenyl-d14	19.98	244	1064619	106.99	ng	-0.02

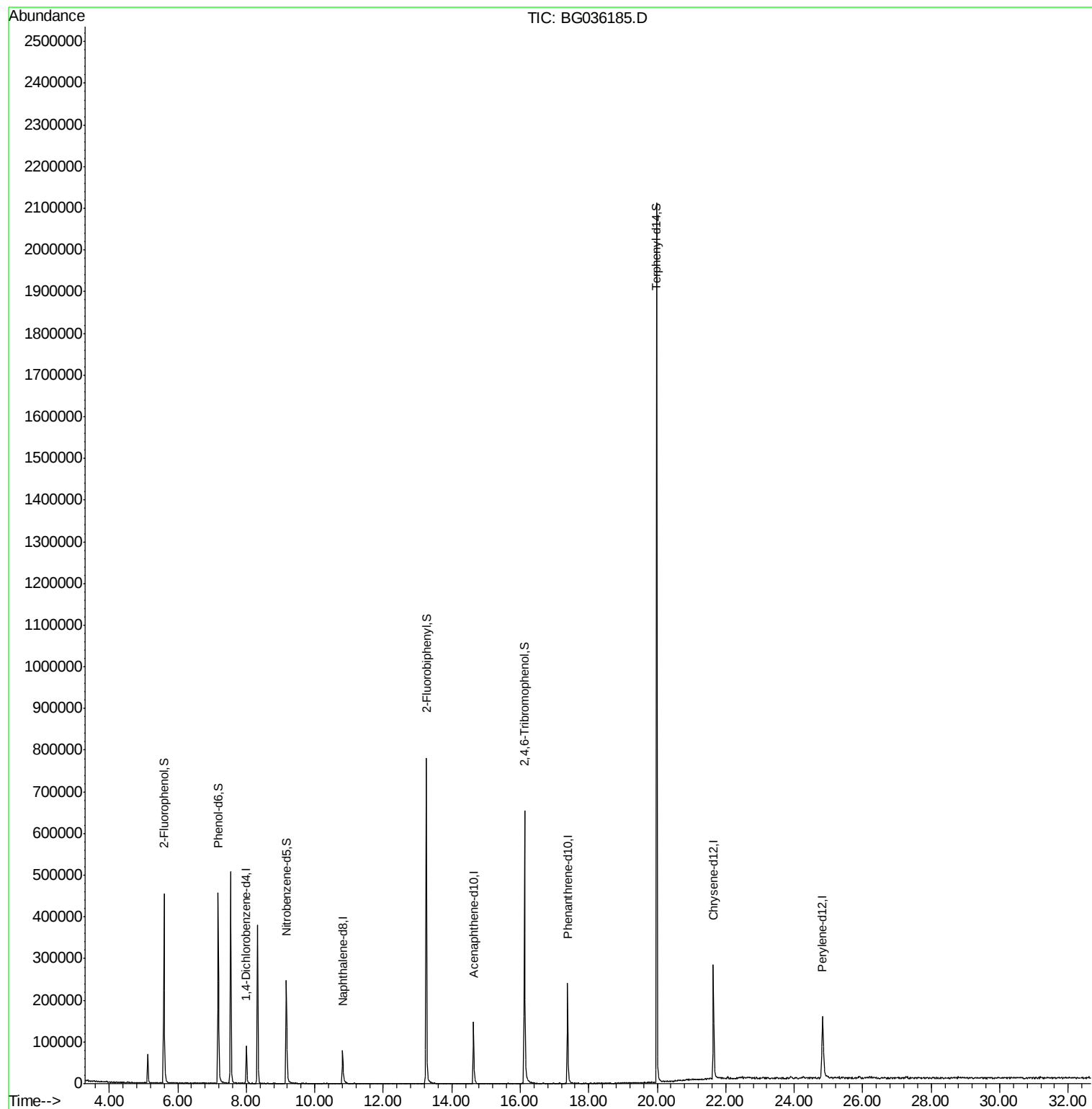
Target Compounds Qvalue

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

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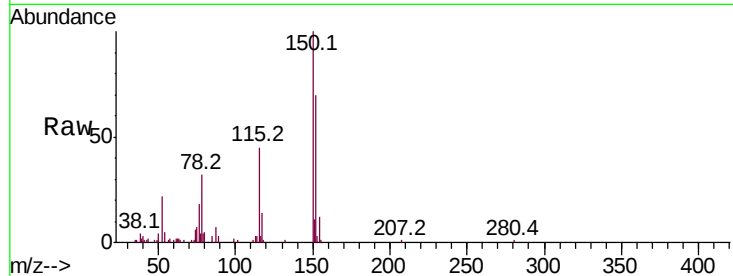


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 803
Delta R.T. -0.02 min
Lab File: BG036185.D
Acq: 8 Aug 2018 6:50

Instrument :
BNA_G
ClientSampleId :
PB111739BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	143.3	126.6	189.8
115	64.4	53.0	79.4

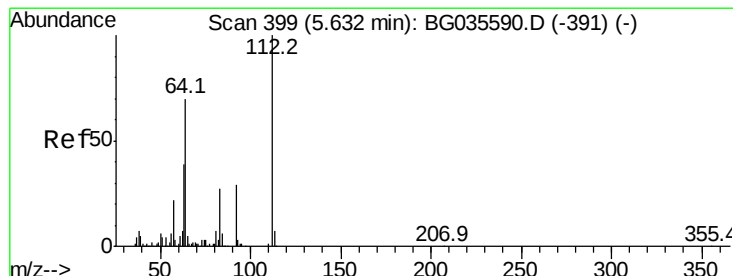
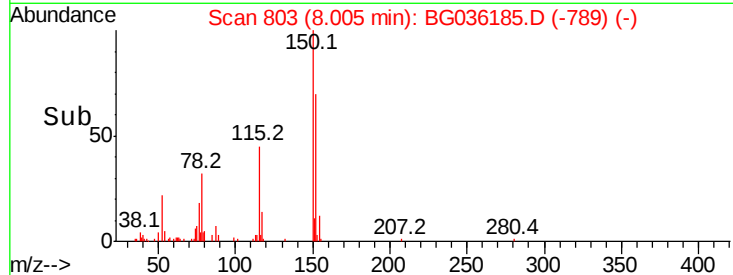
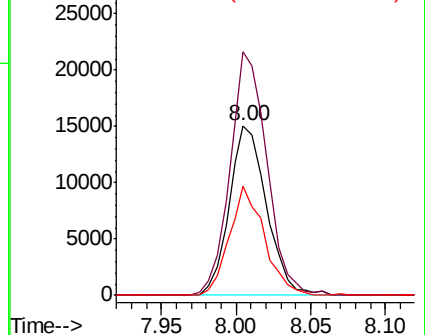


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

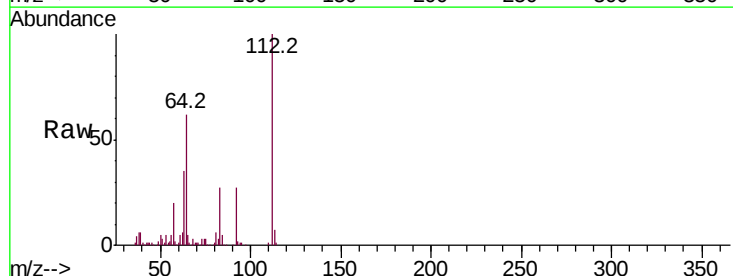
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 135.245 ng
RT: 5.60 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG036185.D
Acq: 8 Aug 2018 6:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.3	56.3	84.5
63	35.2	30.1	45.1

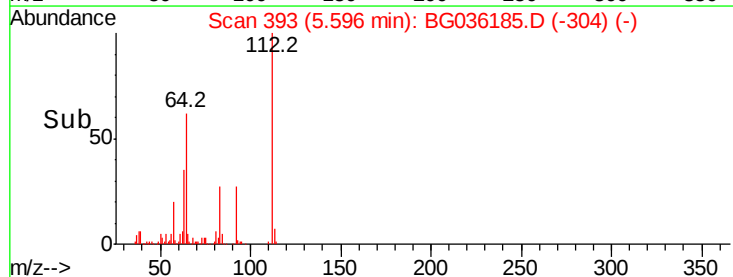
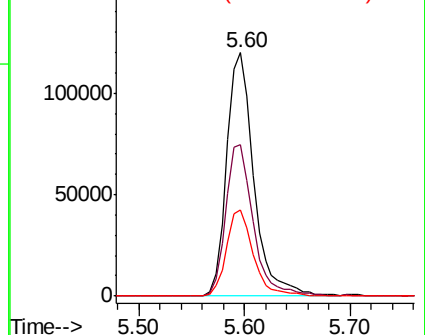


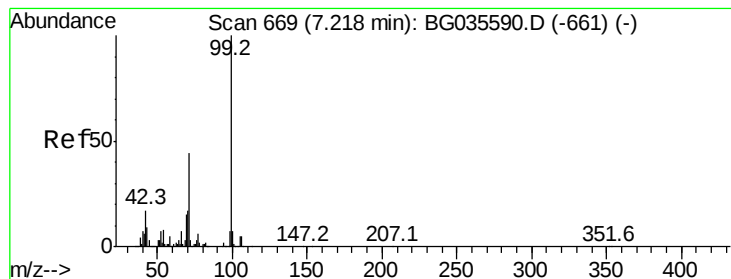
Abundance

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: 127.340 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036185.D

Acq: 8 Aug 2018 6:50

Instrument :

BNA_G

ClientSampleId :

PB111739BL

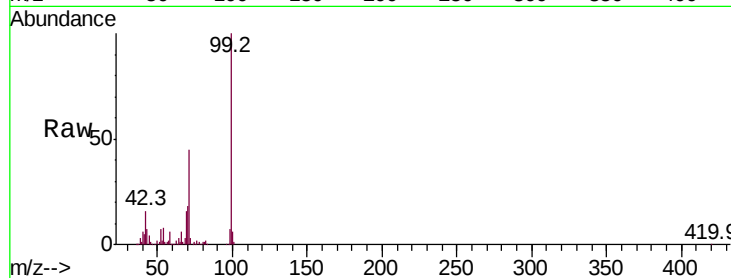
Tot Ion: 99 Resp: 300107

Ion Ratio Lower Upper

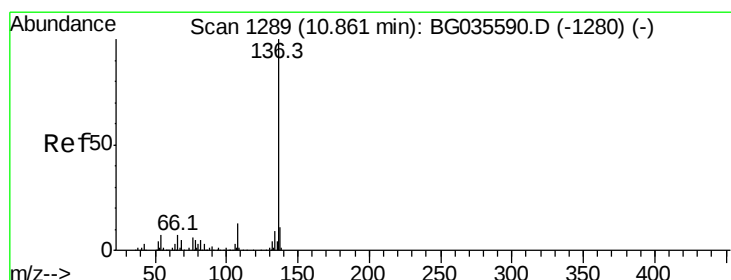
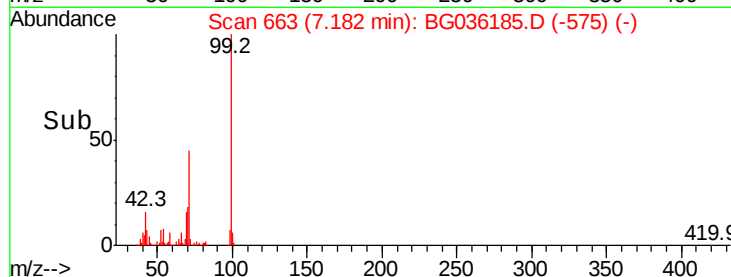
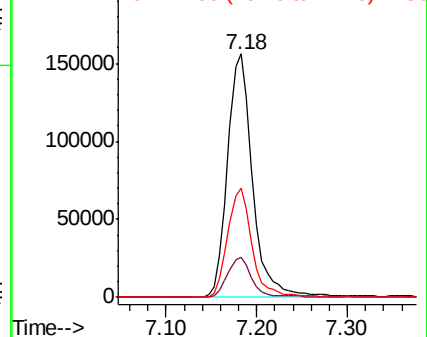
99 100

42 16.4 14.1 21.1

71 44.8 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: BG036185.D

Acq: 8 Aug 2018 6:50

Tgt Ion: 136 Resp: 84992

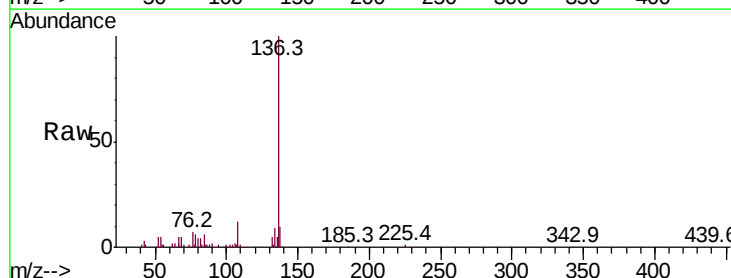
Ion Ratio Lower Upper

136 100

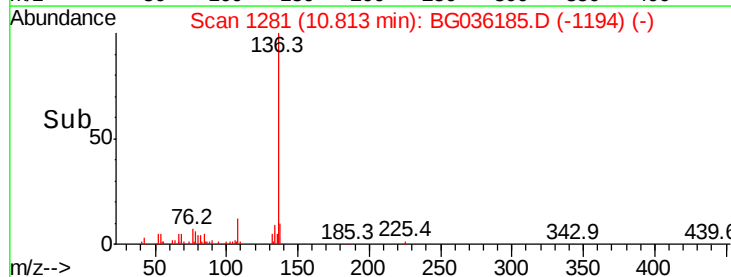
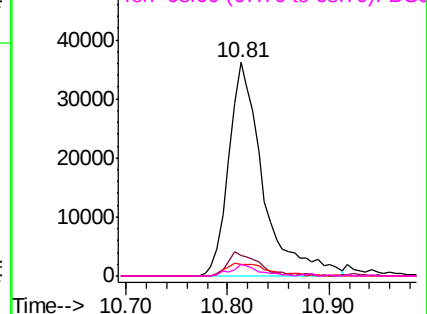
137 9.8 9.2 13.8

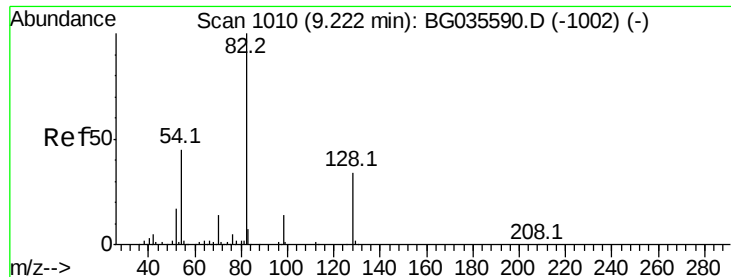
54 5.4 10.3 15.5#

68 5.2 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

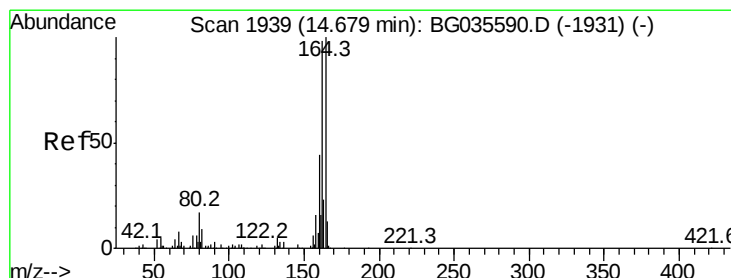
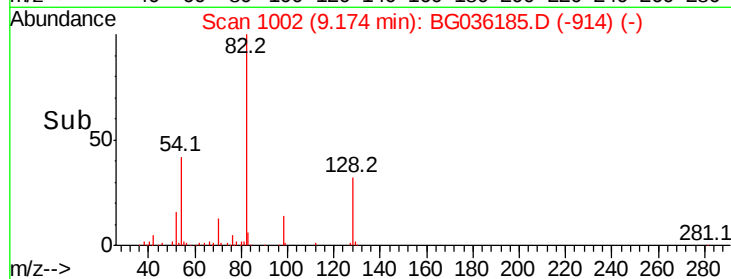
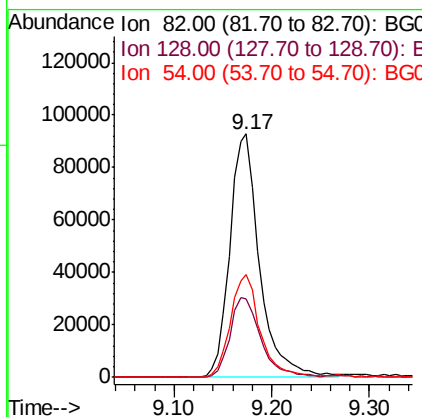
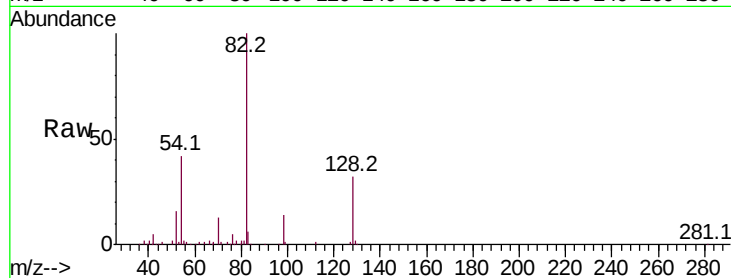




#23
Nitrobenzene-d5
Concen: 96.354 ng
RT: 9.17 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BG036185.D
Acq: 8 Aug 2018 6:50

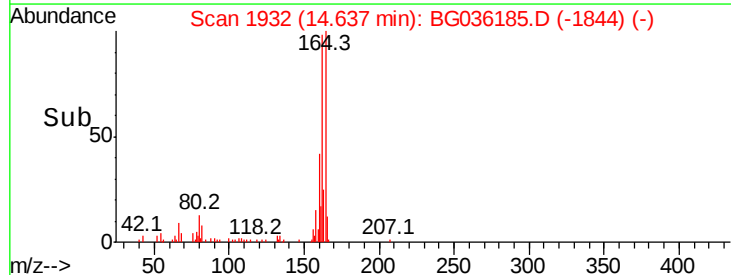
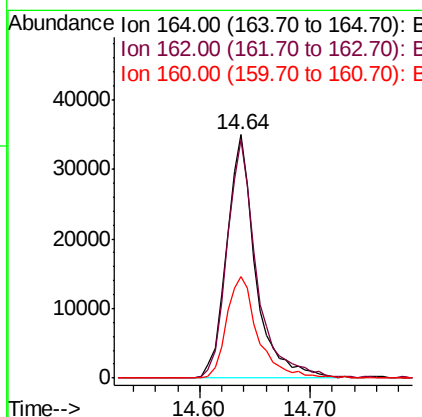
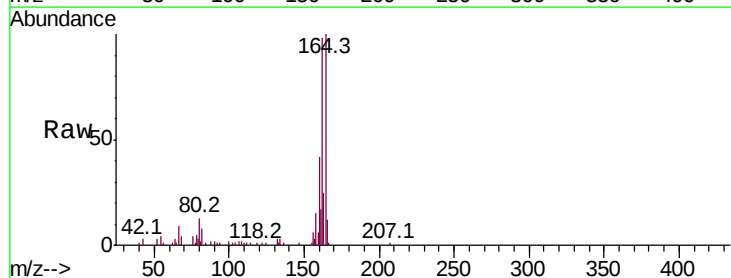
Instrument :
BNA_G
ClientSampleId :
PB111739BL

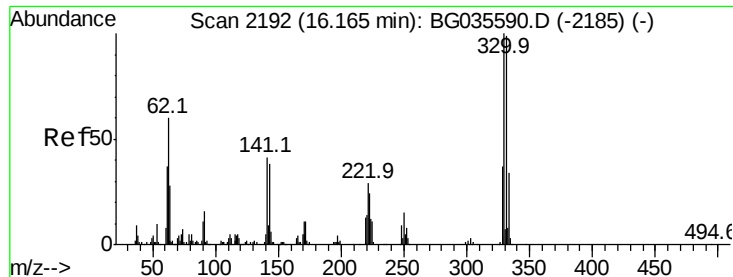
Tot Ion	82	Resp	196035
Ion Ratio	Lower	Upper	
82	100		
128	32.5	29.7	44.5
54	42.2	43.1	64.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BG036185.D
Acq: 8 Aug 2018 6:50

Tgt Ion	164	Resp	63830
Ion Ratio	Lower	Upper	
164	100		
162	98.2	78.8	118.2
160	41.5	35.4	53.0

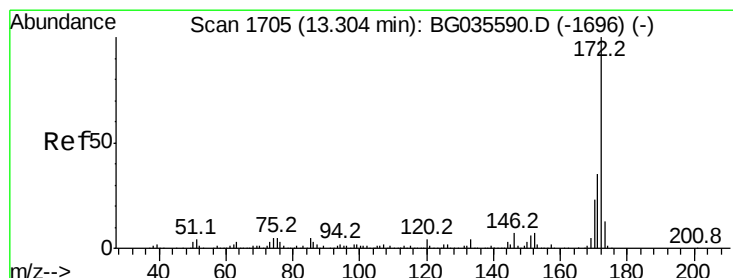
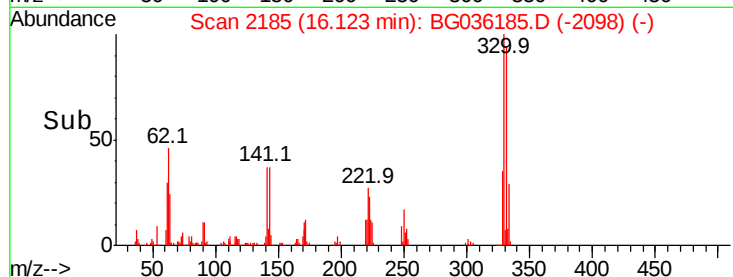
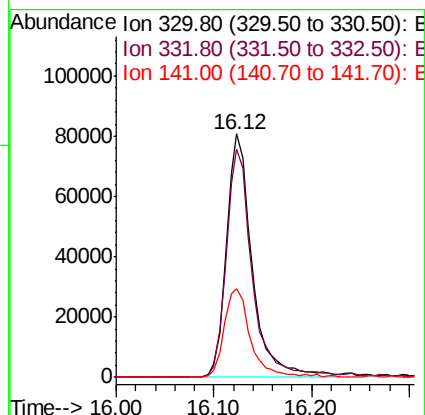
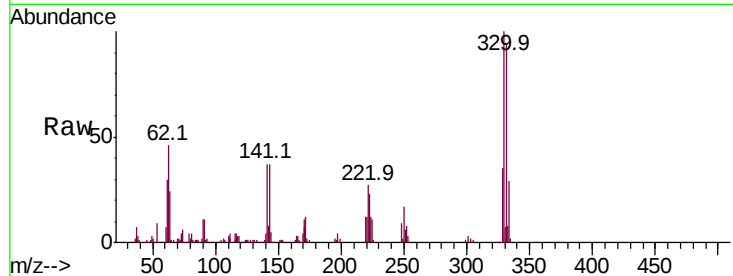




#41
 2,4,6-Tribromophenol
 Concen: 176.211 ng
 RT: 16.12 min Scan# 2185
 Delta R.T. -0.02 min
 Lab File: BG036185.D
 Acq: 8 Aug 2018 6:50

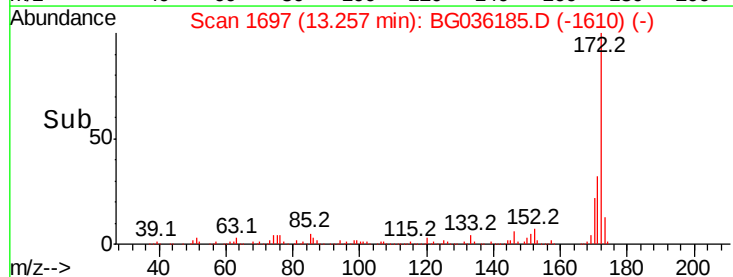
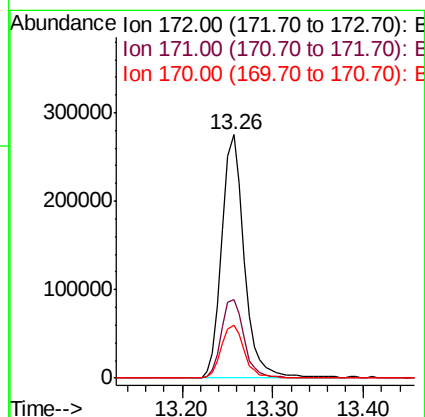
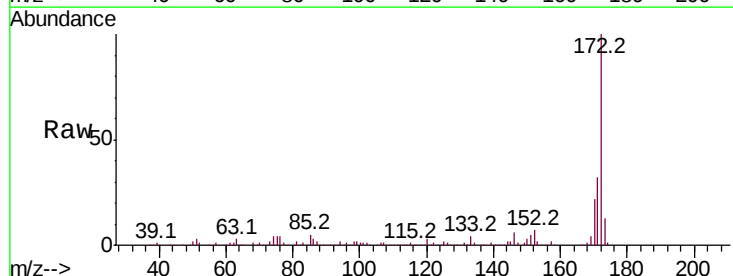
Instrument :
 BNA_G
 ClientSampleID :
 PB111739BL

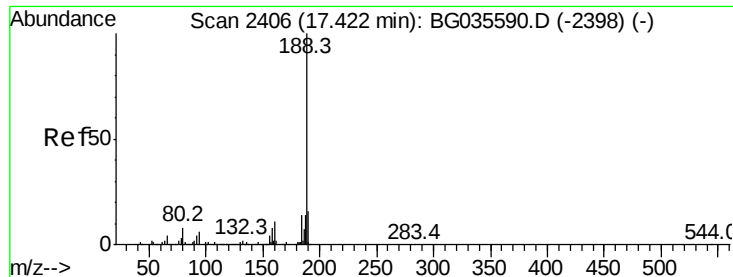
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.2	77.0	115.6
141	37.6	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 99.625 ng
 RT: 13.26 min Scan# 1697
 Delta R.T. -0.02 min
 Lab File: BG036185.D
 Acq: 8 Aug 2018 6:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	32.5	30.0	45.0
170	21.5	19.5	29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.38 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BG036185.D

Acq: 8 Aug 2018 6:50

Instrument :

BNA_G

ClientSampleId :

PB111739BL

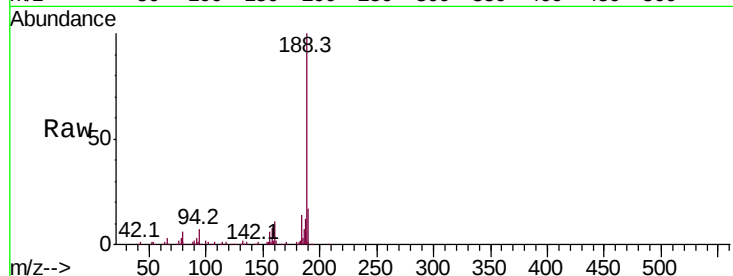
Tot Ion:188 Resp: 191524

Ion Ratio Lower Upper

188 100

94 7.1 6.9 10.3

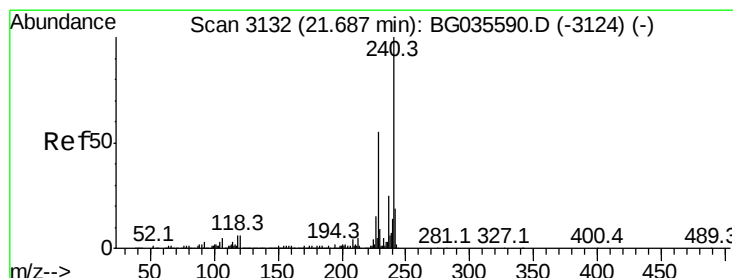
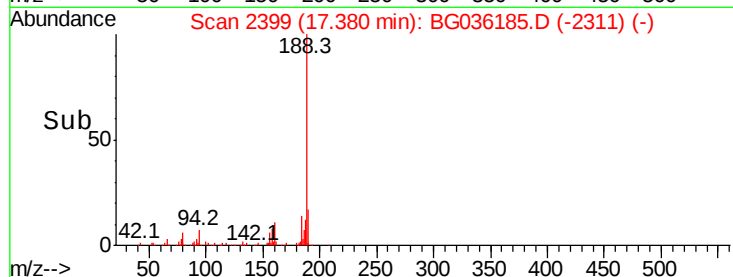
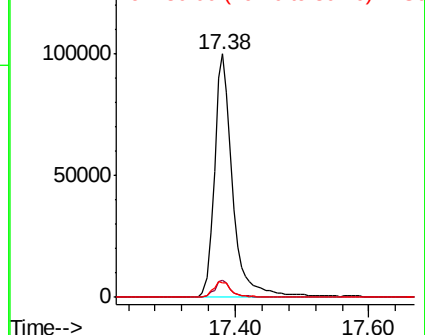
80 6.2 7.7 11.5#



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: 21.64 min Scan# 3124

Delta R.T. -0.02 min

Lab File: BG036185.D

Acq: 8 Aug 2018 6:50

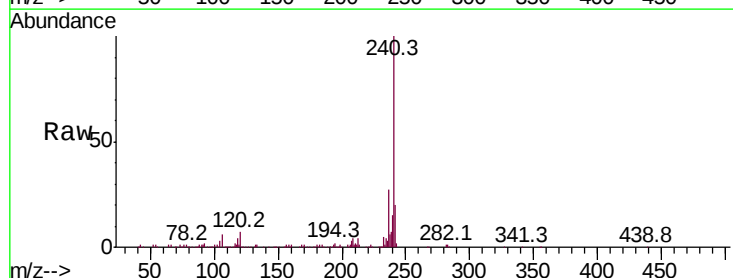
Tgt Ion:240 Resp: 219343

Ion Ratio Lower Upper

240 100

120 6.5 6.8 10.2#

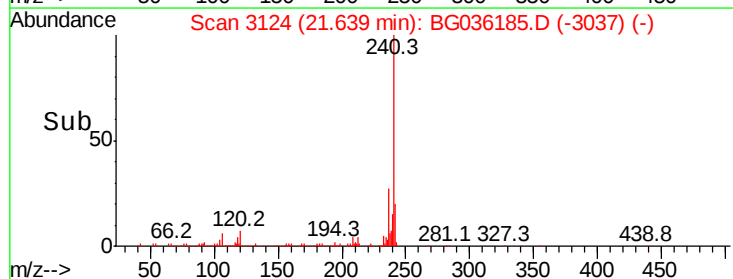
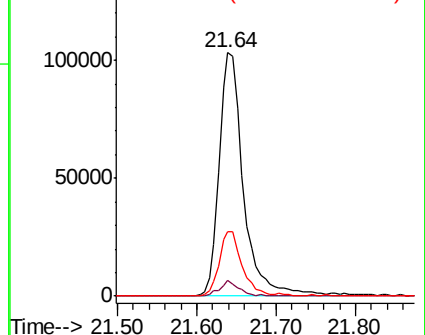
236 26.6 20.9 31.3

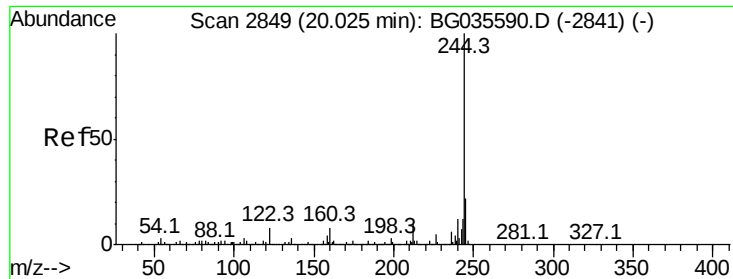


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 106.990 ng

RT: 19.98 min Scan# 2842

Delta R.T. -0.02 min

Lab File: BG036185.D

Acq: 8 Aug 2018 6:50

Instrument :

BNA_G

ClientSampleId :

PB111739BL

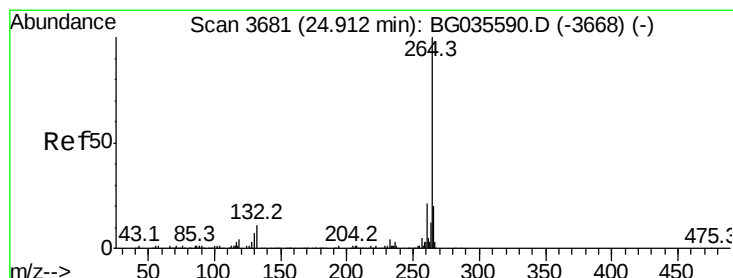
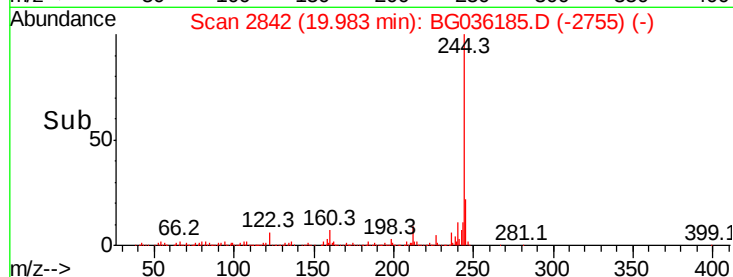
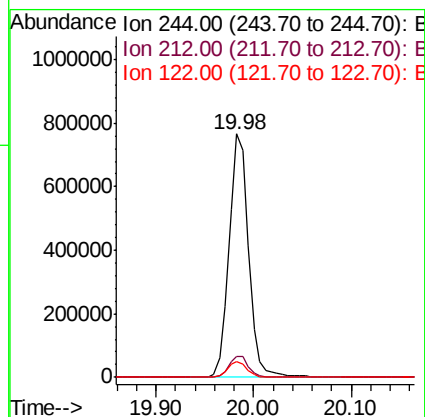
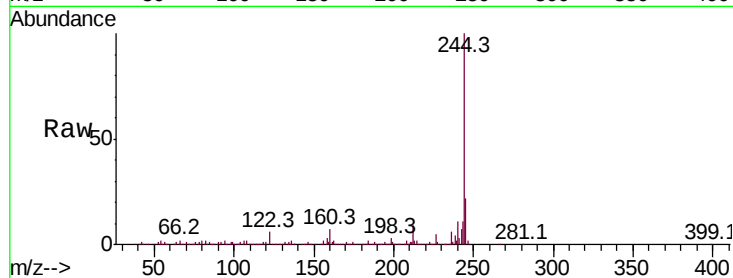
Tot Ion:244 Resp: 1064619

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

122 6.4 7.0 10.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.82 min Scan# 3666

Delta R.T. -0.04 min

Lab File: BG036185.D

Acq: 8 Aug 2018 6:50

Tgt Ion:264 Resp: 197347

Ion Ratio Lower Upper

264 100

260 21.6 17.4 26.0

265 18.9 17.7 26.5

