

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073118\
 Data File : BG036023.D
 Acq On : 1 Aug 2018 5:11
 Operator : JU/SJ
 Sample : J3823-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-073018-B

Quant Time: Aug 01 07:36:07 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	8.02	152	41200	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	141528	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	98193	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	271887	20.00	ng	0.00
75) Chrysene-d12	21.65	240	300118	20.00	ng	0.00
86) Perylene-d12	24.85	264	278402	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	315818	127.27	ng	0.00
7) Phenol-d6	7.19	99	401310	108.39	ng	0.00
23) Nitrobenzene-d5	9.19	82	324188	95.69	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	205808	159.02	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	716235	97.72	ng	0.00
78) Terphenyl-d14	20.00	244	1377195	101.15	ng	0.00

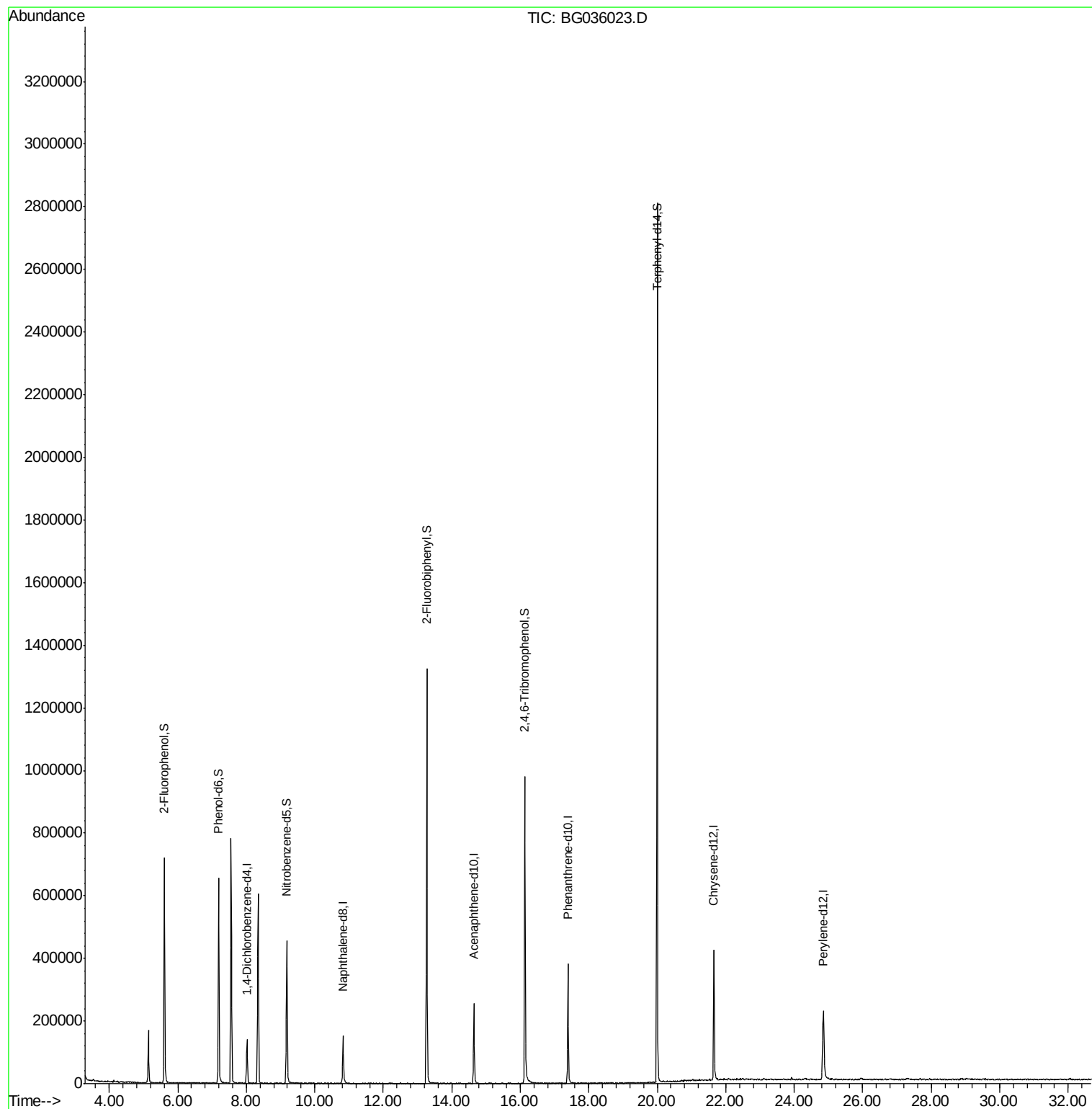
Target Compounds Qvalue

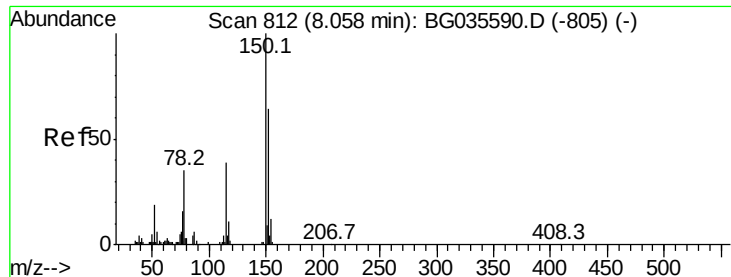
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.02 min Scan# 806

Delta R.T. -0.00 min

Lab File: BG036023.D

Acq: 1 Aug 2018 5:11

Instrument :

BNA_G

ClientSampleId :

NB-08-073018-B

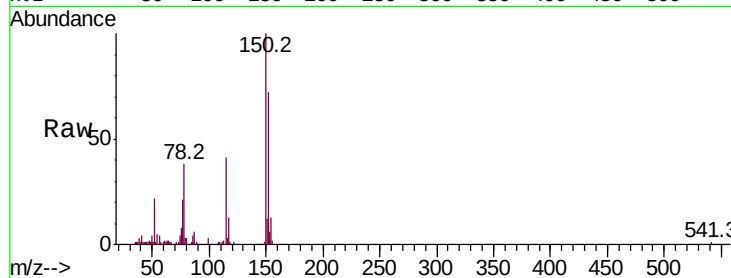
Tot Ion:152 Resp: 41200

Ion Ratio Lower Upper

152 100

150 138.8 126.6 189.8

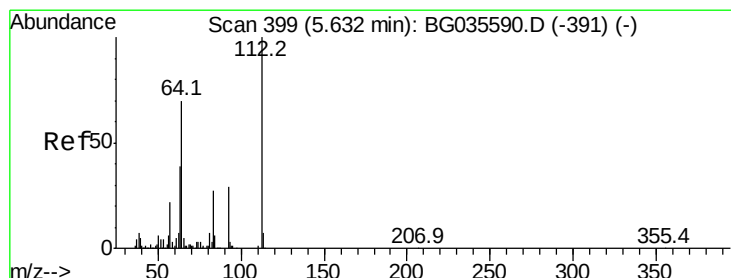
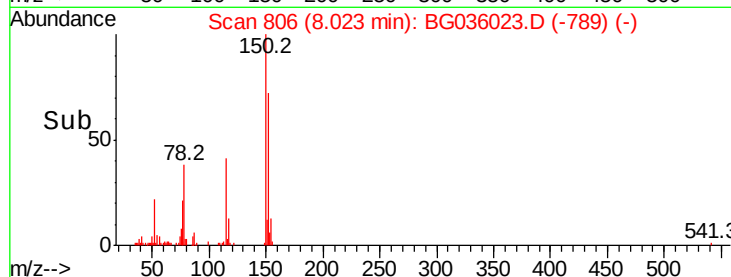
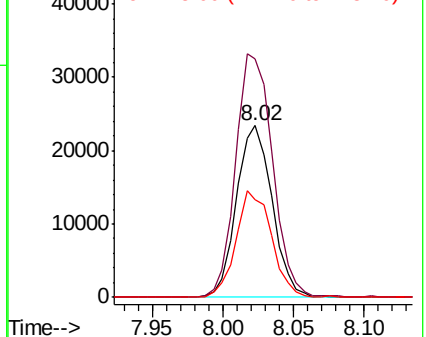
115 57.3 53.0 79.4



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: 127.265 ng

RT: 5.61 min Scan# 395

Delta R.T. 0.00 min

Lab File: BG036023.D

Acq: 1 Aug 2018 5:11

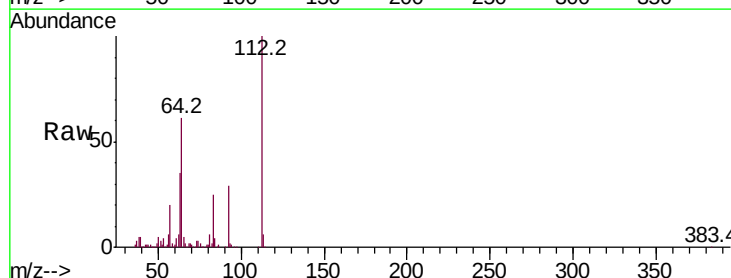
Tgt Ion:112 Resp: 315818

Ion Ratio Lower Upper

112 100

64 60.9 56.3 84.5

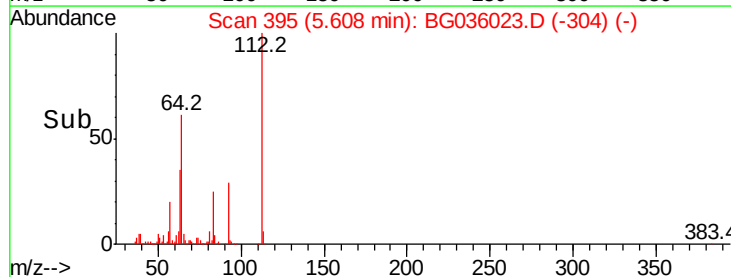
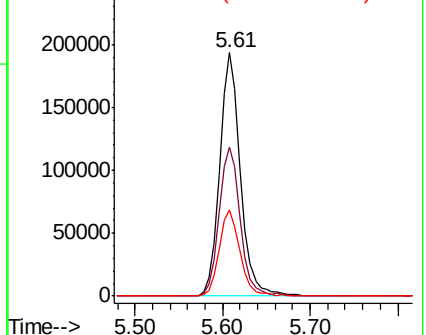
63 35.5 30.1 45.1

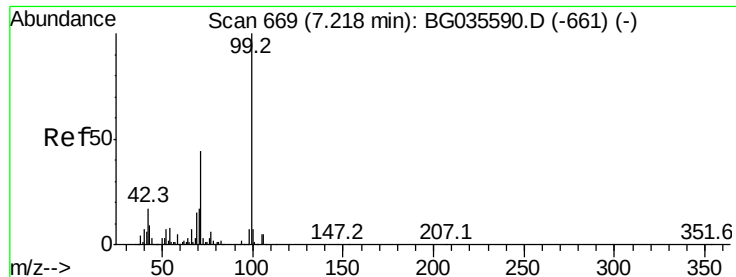


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 108.389 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG036023.D

Acq: 1 Aug 2018 5:11

Instrument :

BNA_G

ClientSampleId :

NB-08-073018-B

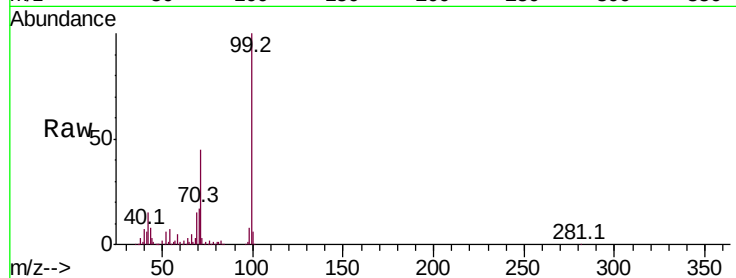
Tot Ion: 99 Resp: 401310

Ion Ratio Lower Upper

99 100

42 14.7 14.1 21.1

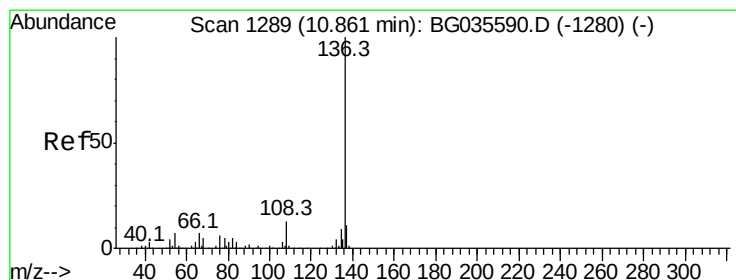
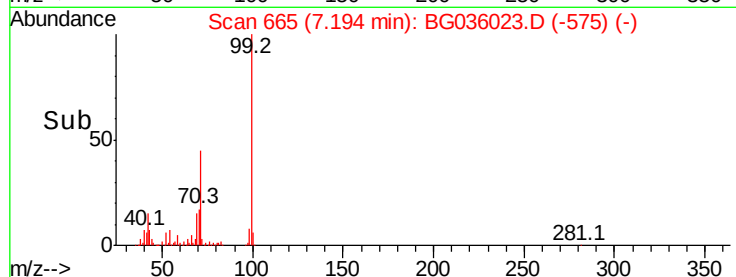
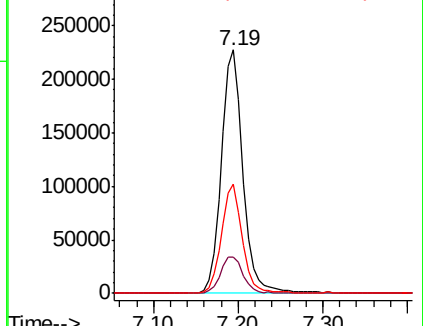
71 44.8 26.1 39.1#



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: 10.82 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BG036023.D

Acq: 1 Aug 2018 5:11

Tgt Ion: 136 Resp: 141528

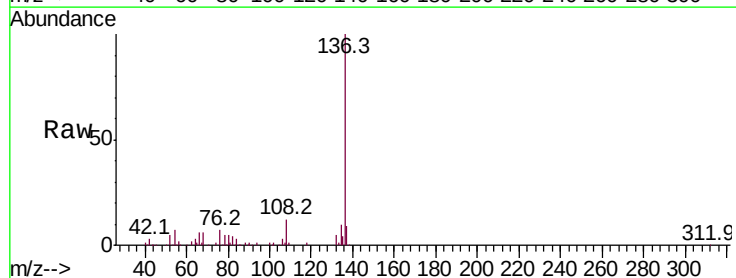
Ion Ratio Lower Upper

136 100

137 9.3 9.2 13.8

54 6.8 10.3 15.5#

68 5.9 4.5 6.7

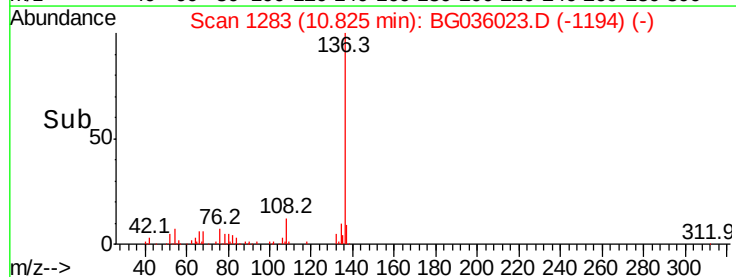
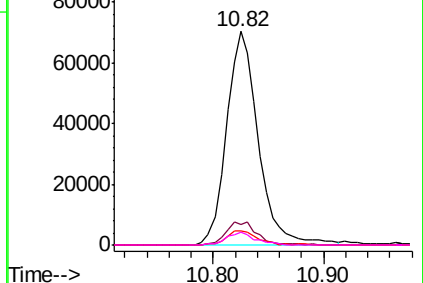


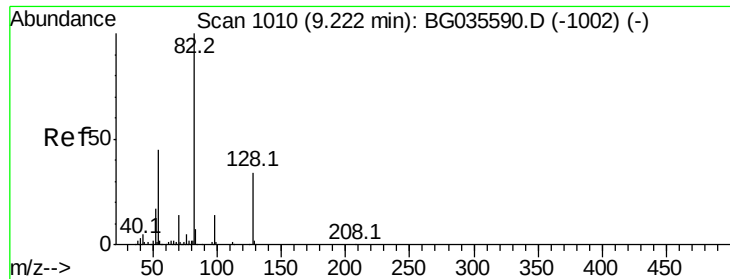
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

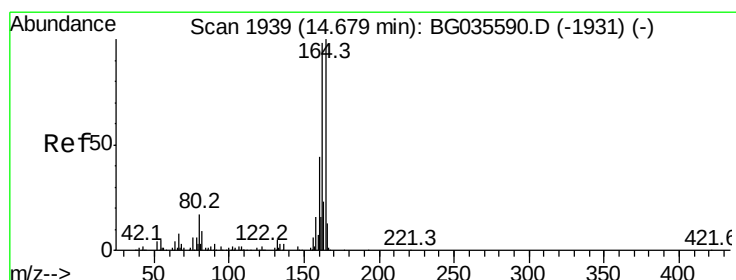
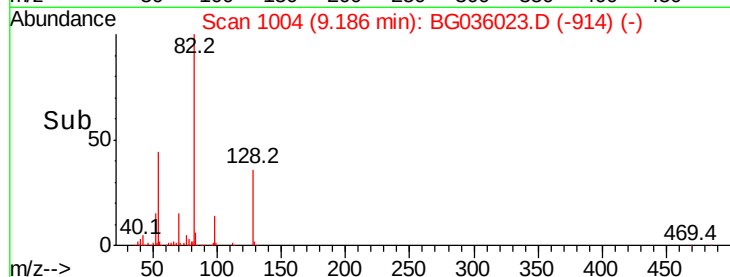
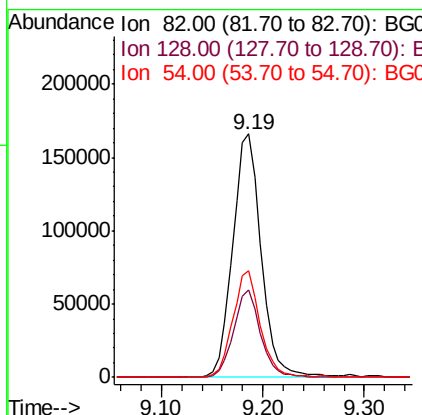
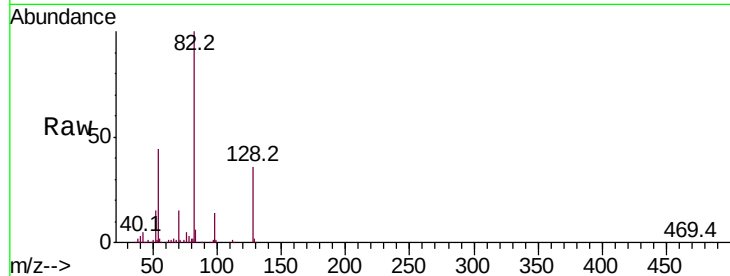




#23
 Nitrobenzene-d5
 Concen: 95.690 ng
 RT: 9.19 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: BG036023.D
 Acq: 1 Aug 2018 5:11

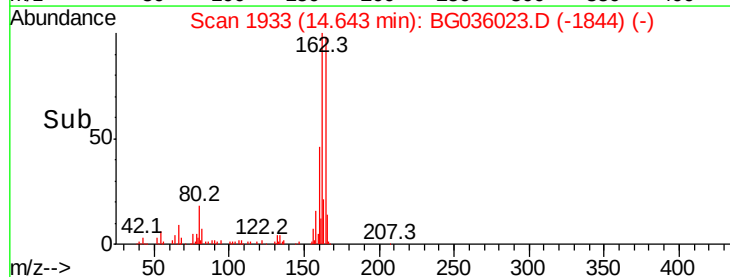
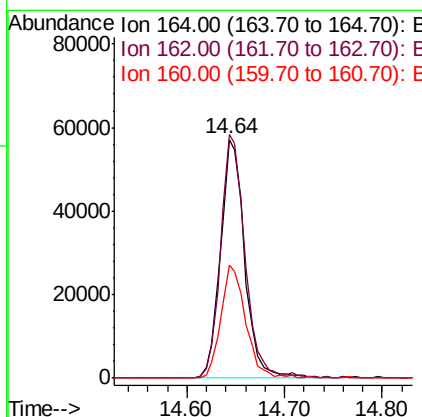
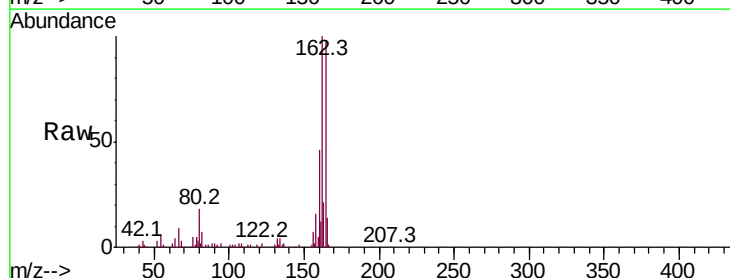
Instrument :
 BNA_G
 ClientSampleId :
 NB-08-073018-B

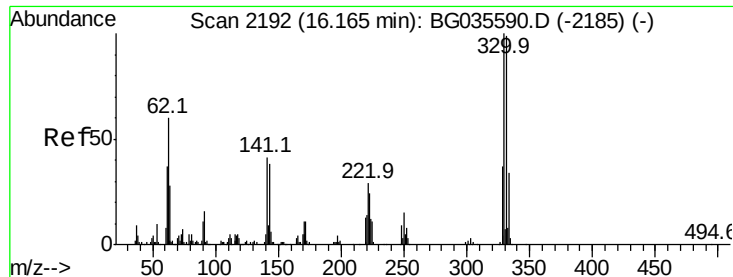
Tot Ion	82	Resp	324188
Ion	Ratio	Lower	Upper
82	100		
128	35.8	29.7	44.5
54	43.6	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.64 min Scan# 1933
 Delta R.T. -0.01 min
 Lab File: BG036023.D
 Acq: 1 Aug 2018 5:11

Tgt Ion	164	Resp	98193
Ion	Ratio	Lower	Upper
164	100		
162	101.8	78.8	118.2
160	47.2	35.4	53.0

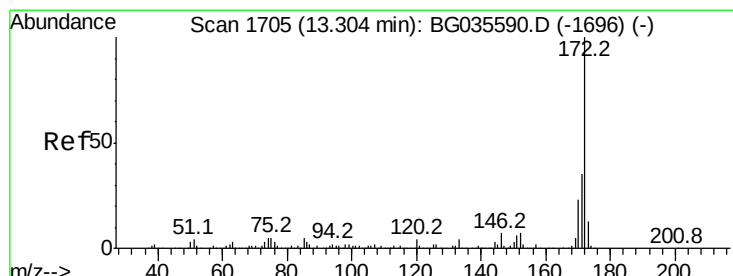
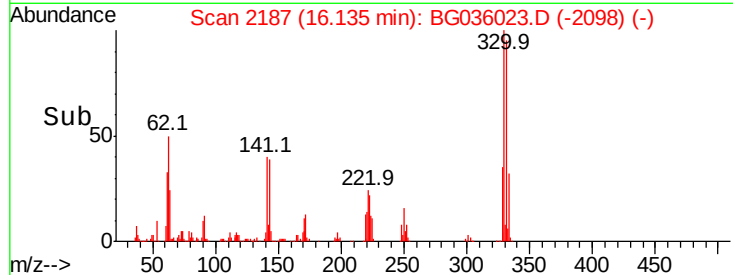
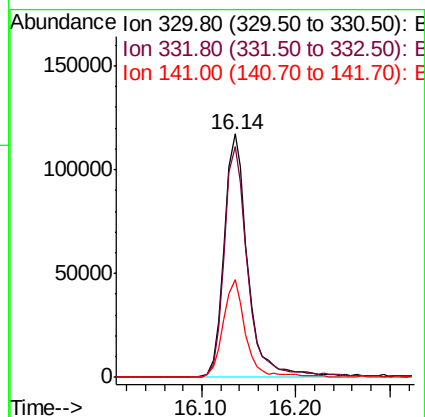
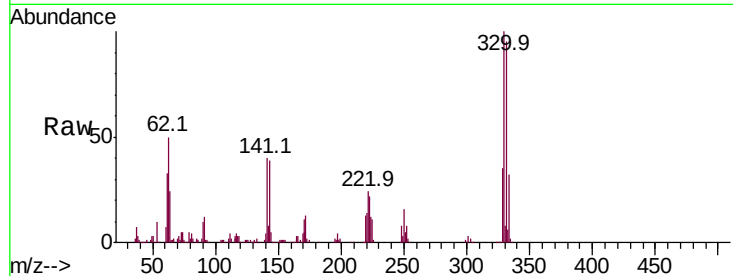




#41
2,4,6-Tribromophenol
Concen: 159.018 ng
RT: 16.14 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BG036023.D
Acq: 1 Aug 2018 5:11

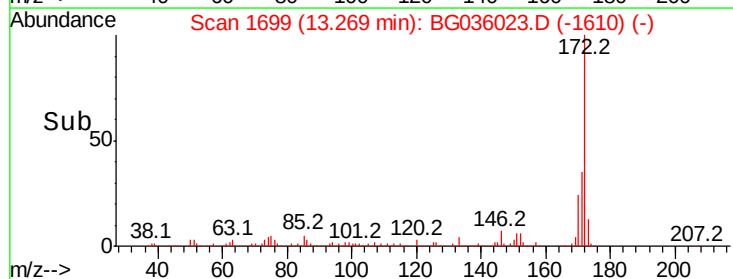
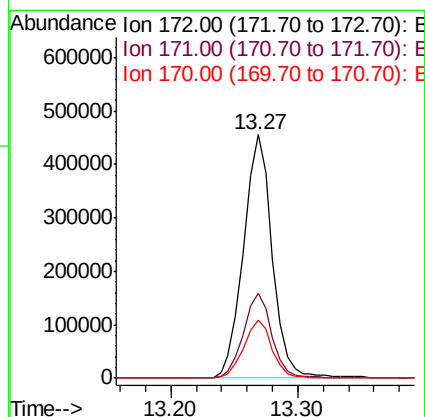
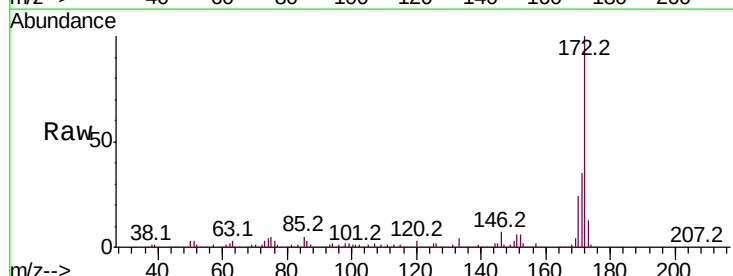
Instrument :
BNA_G
ClientSampleId :
NB-08-073018-B

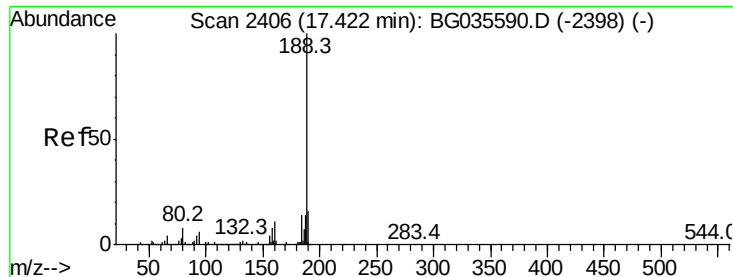
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	37.8	25.2	37.8



#44
2-Fluorobiphenyl
Concen: 97.723 ng
RT: 13.27 min Scan# 1699
Delta R.T. -0.01 min
Lab File: BG036023.D
Acq: 1 Aug 2018 5:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	30.0	45.0
170	23.8	19.5	29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BG036023.D

Acq: 1 Aug 2018 5:11

Instrument :

BNA_G

ClientSampleId :

NB-08-073018-B

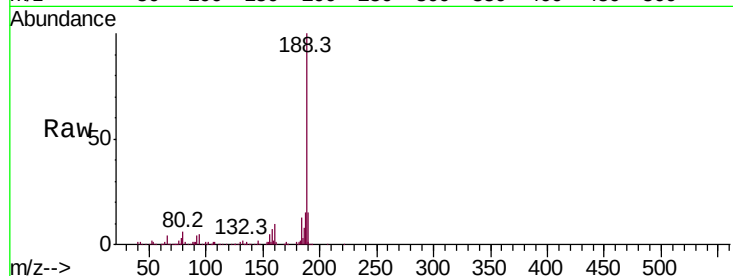
Tot Ion:188 Resp: 271887

Ion Ratio Lower Upper

188 100

94 5.4 6.9 10.3#

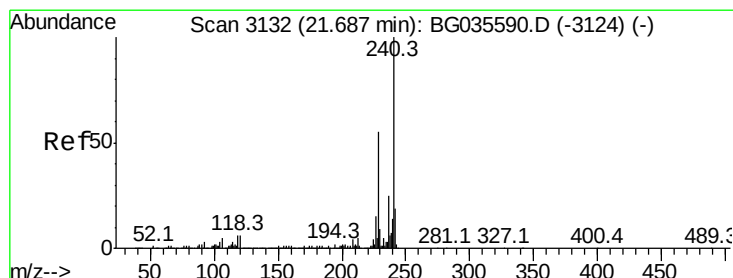
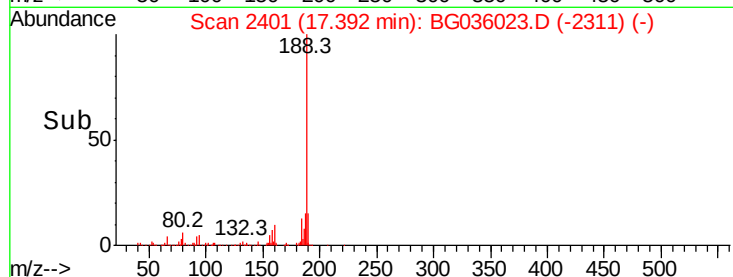
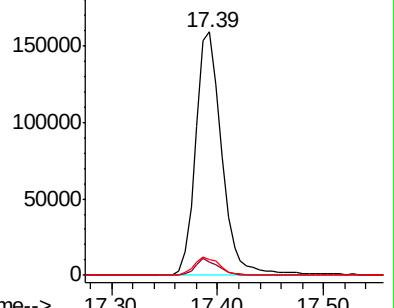
80 6.2 7.7 11.5#



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: 21.65 min Scan# 3126

Delta R.T. -0.01 min

Lab File: BG036023.D

Acq: 1 Aug 2018 5:11

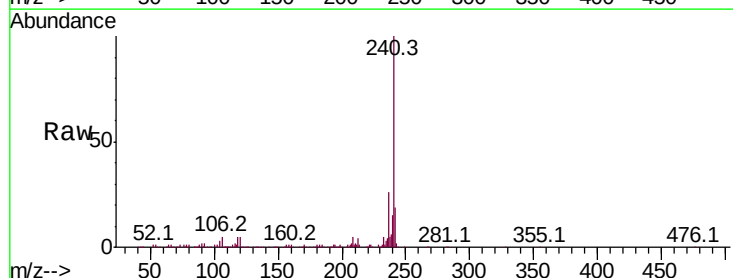
Tgt Ion:240 Resp: 300118

Ion Ratio Lower Upper

240 100

120 5.3 6.8 10.2#

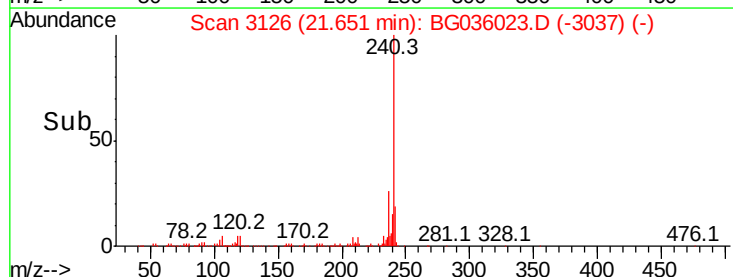
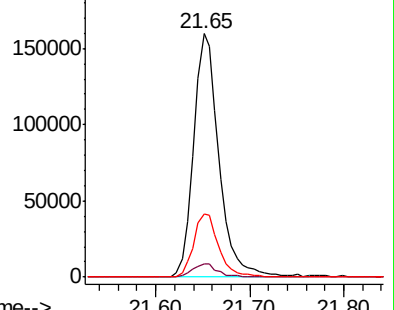
236 25.9 20.9 31.3

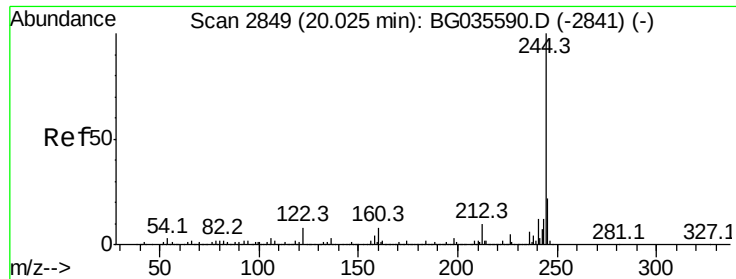


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 101.152 ng

RT: 20.00 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BG036023.D

Acq: 1 Aug 2018 5:11

Instrument :

BNA_G

ClientSampleId :

NB-08-073018-B

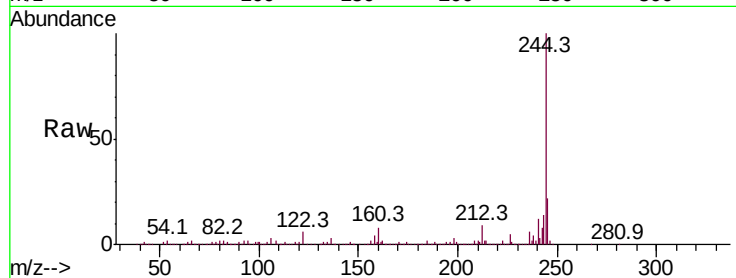
Tot Ion:244 Resp: 1377195

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

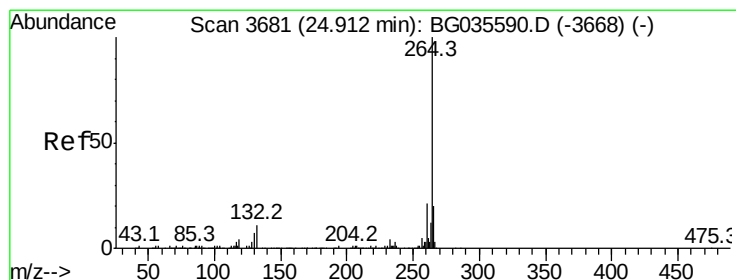
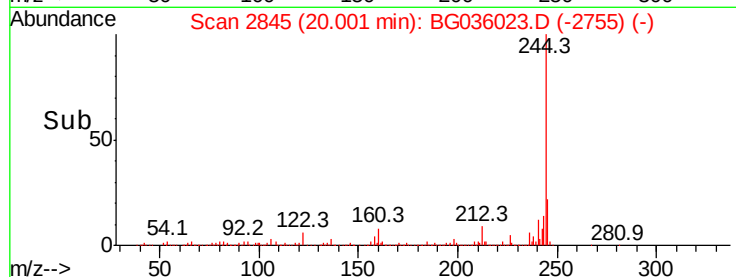
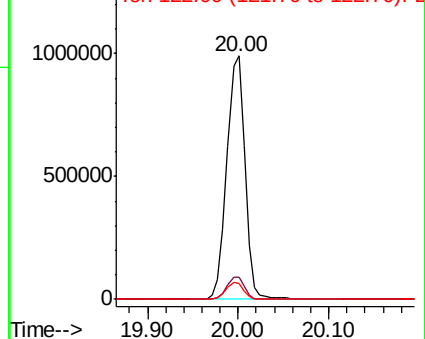
122 6.4 7.0 10.4#



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: 24.85 min Scan# 3670

Delta R.T. -0.01 min

Lab File: BG036023.D

Acq: 1 Aug 2018 5:11

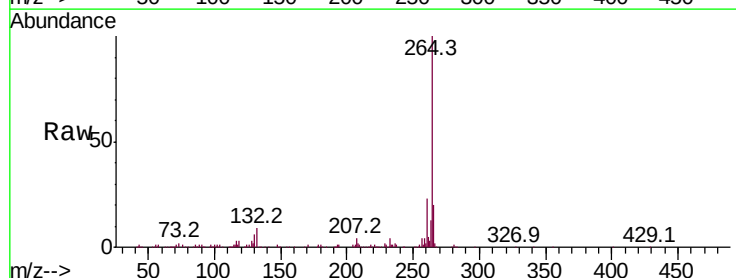
Tgt Ion:264 Resp: 278402

Ion Ratio Lower Upper

264 100

260 23.2 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

