

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073018\
 Data File : BG035998.D
 Acq On : 31 Jul 2018 6:36
 Operator : JU/SJ
 Sample : J4219-09
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 072618-TIPC-F-U-B

Quant Time: Jul 31 07:49:14 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 01:42:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	34716	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	129950	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	101131	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	279997	20.00	ng	0.00
75) Chrysene-d12	21.65	240	292179	20.00	ng	0.00
86) Perylene-d12	24.85	264	270321	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	99043	47.37	ng	0.00
7) Phenol-d6	7.19	99	91293	29.26	ng	0.00
23) Nitrobenzene-d5	9.18	82	301765	97.01	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	136185	102.17	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	757781	100.39	ng	0.00
78) Terphenyl-d14	20.00	244	1190695	89.83	ng	0.00

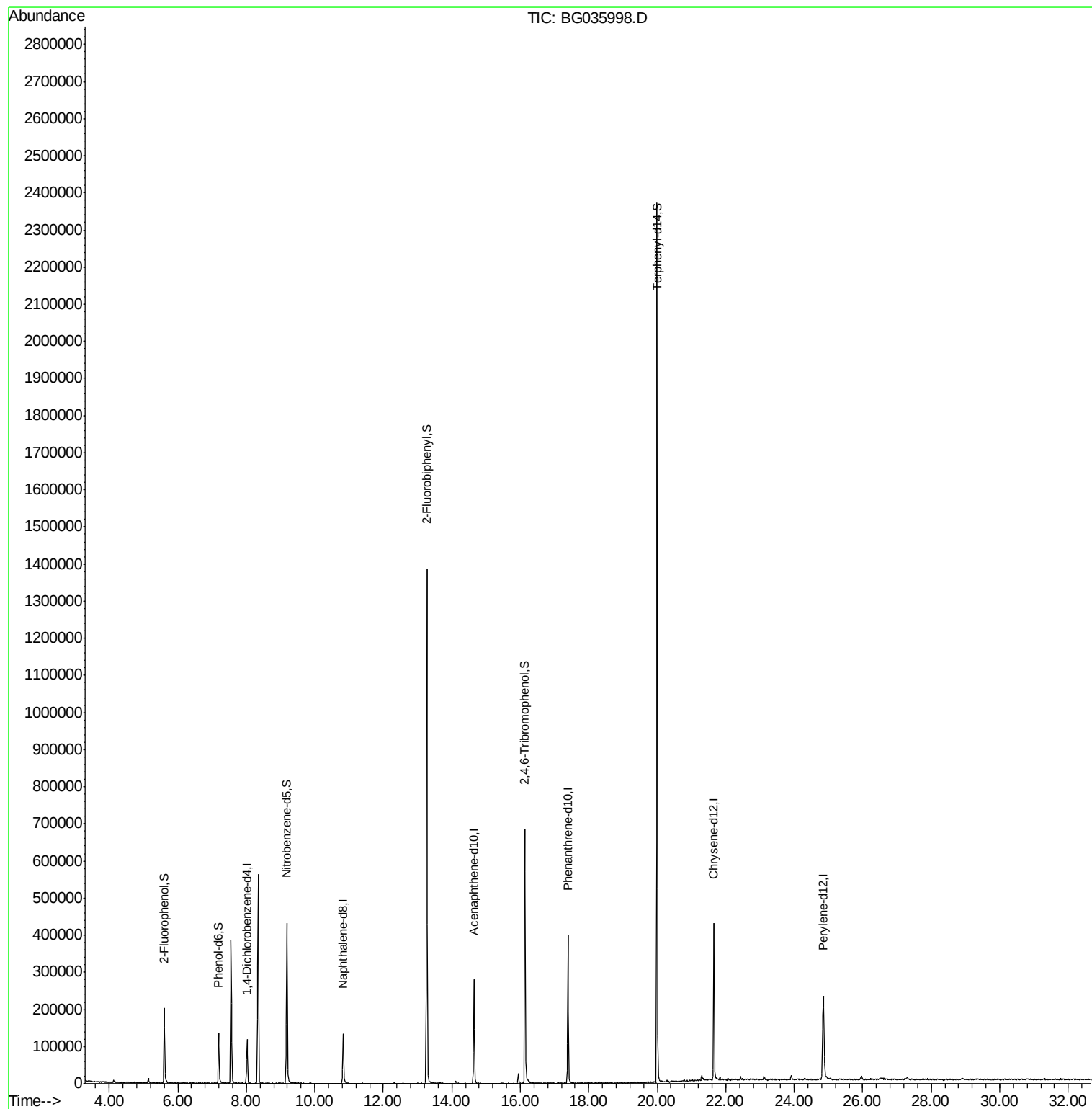
Target Compounds Qvalue

(#) = 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: BG035998.D

Acq: 31 Jul 2018 6:36

Instrument :

BNA_G

ClientSampleId :

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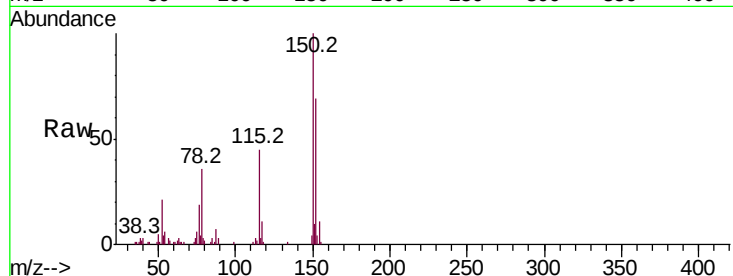
Tot Ion:152 Resp: 34716

Ion Ratio Lower Upper

152 100

150 145.8 126.6 189.8

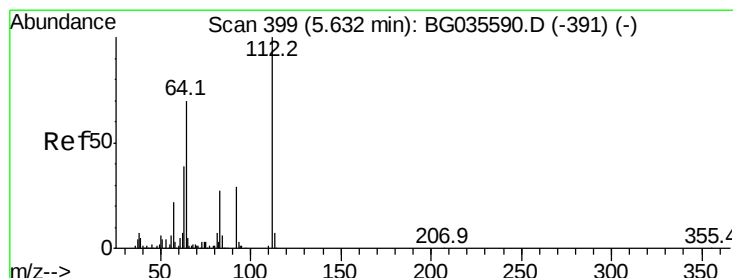
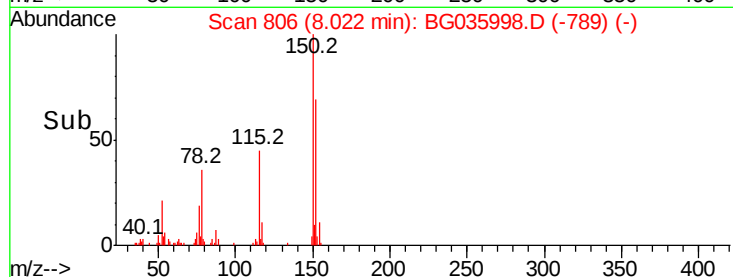
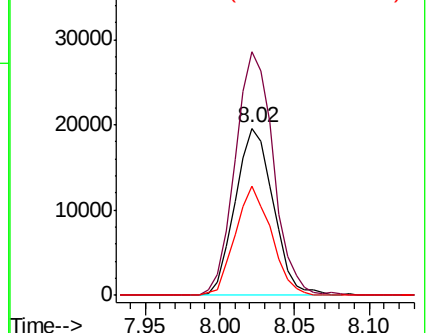
115 65.2 53.0 79.4



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: 47.366 ng

RT: 5.61 min Scan# 395

Delta R.T. 0.00 min

Lab File: BG035998.D

Acq: 31 Jul 2018 6:36

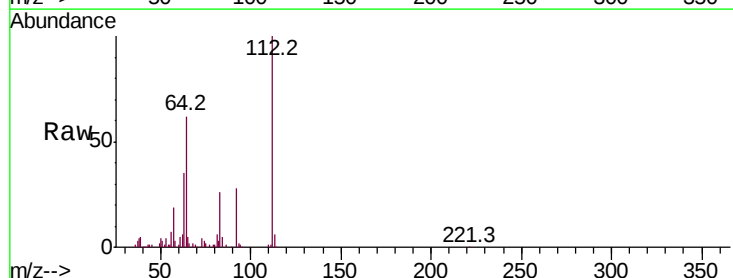
Tgt Ion:112 Resp: 99043

Ion Ratio Lower Upper

112 100

64 62.4 56.3 84.5

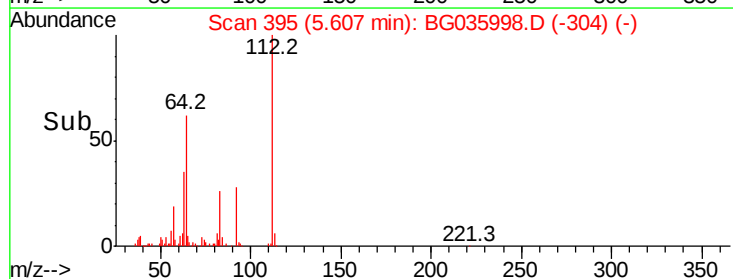
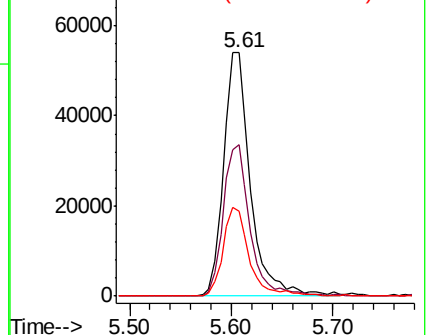
63 34.6 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 29.263 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG035998.D

Acq: 31 Jul 2018 6:36

Instrument :

BNA_G

ClientSampleId :

072618-TIPC-F-U-B

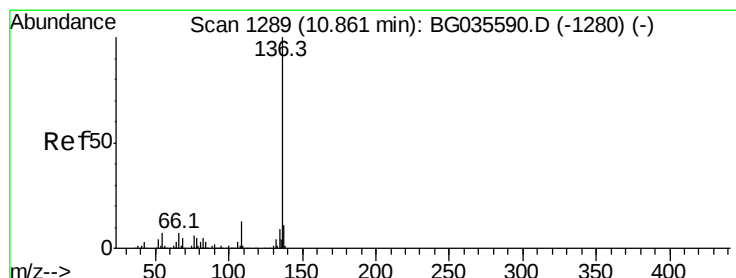
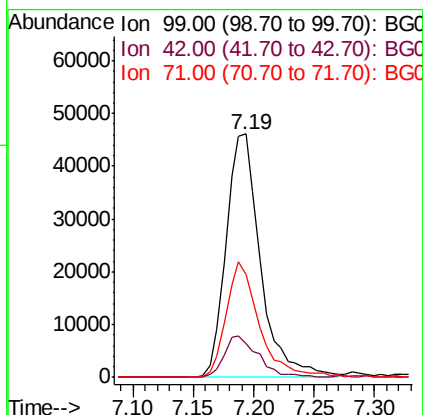
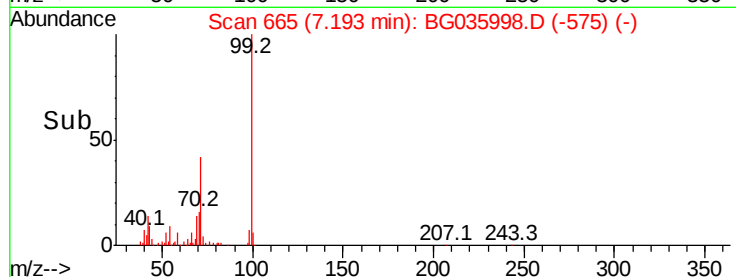
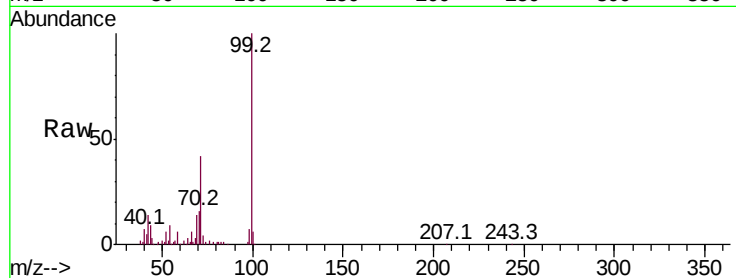
Tot Ion: 99 Resp: 91293

Ion Ratio Lower Upper

99 100

42 13.8 14.1 21.1#

71 42.5 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BG035998.D

Acq: 31 Jul 2018 6:36

Tgt Ion:136 Resp: 129950

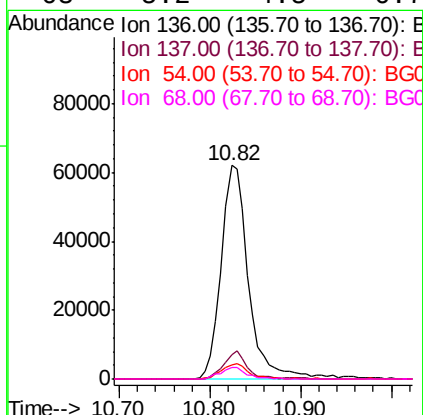
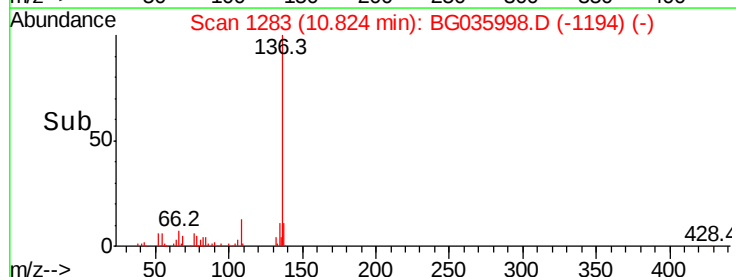
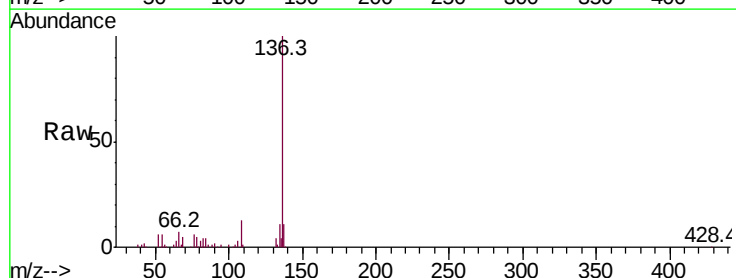
Ion Ratio Lower Upper

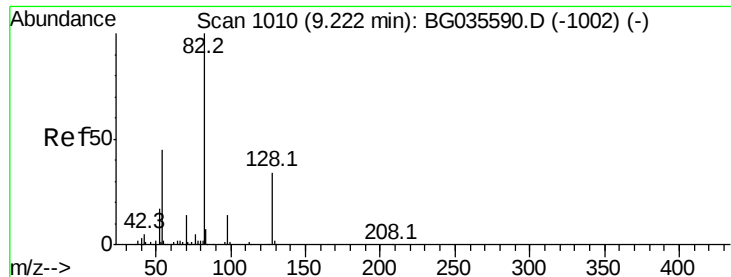
136 100

137 11.4 9.2 13.8

54 6.4 10.3 15.5#

68 5.2 4.5 6.7

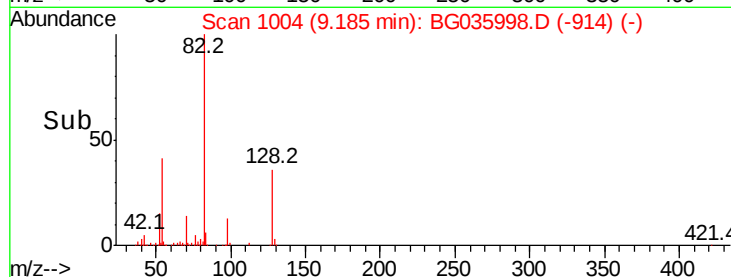
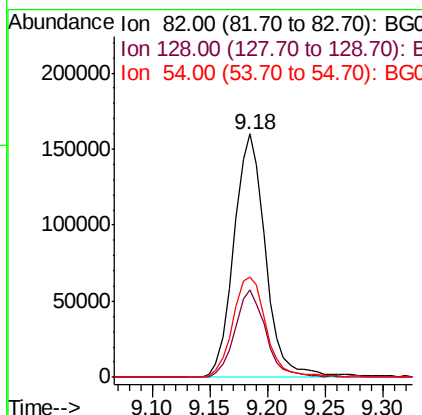
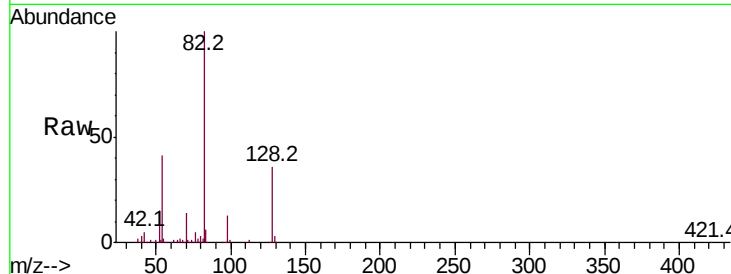




#23
 Nitrobenzene-d5
 Concen: 97.008 ng
 RT: 9.18 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: BG035998.D
 Acq: 31 Jul 2018 6:36

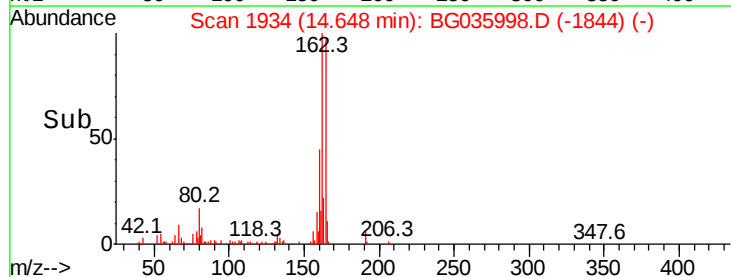
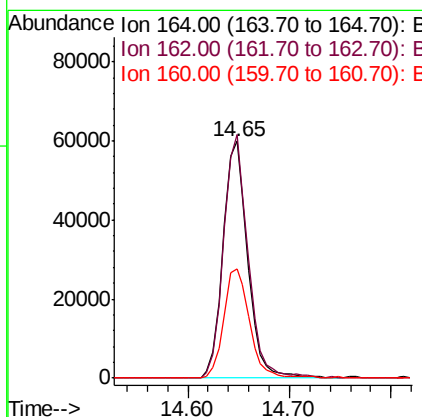
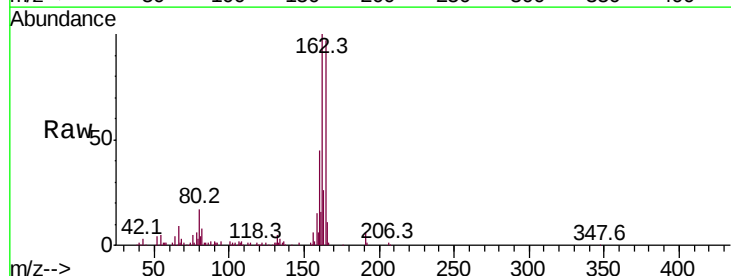
Instrument :
 BNA_G
 ClientSampleId :
 072618-TIPC-F-U-B

Tot Ion	Ratio	Lower	Upper
82	100		
128	35.8	29.7	44.5
54	41.1	43.1	64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.00 min
 Lab File: BG035998.D
 Acq: 31 Jul 2018 6:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	78.8	118.2
160	46.2	35.4	53.0

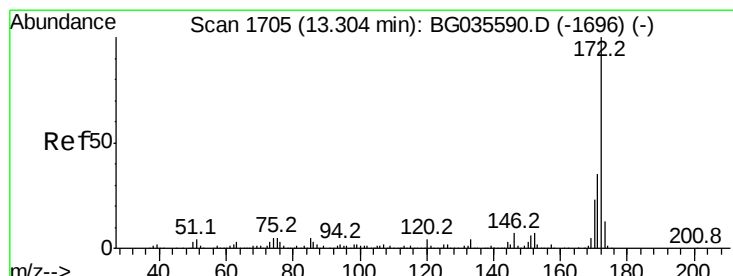
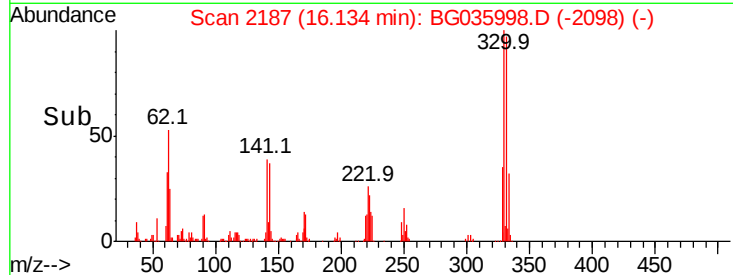
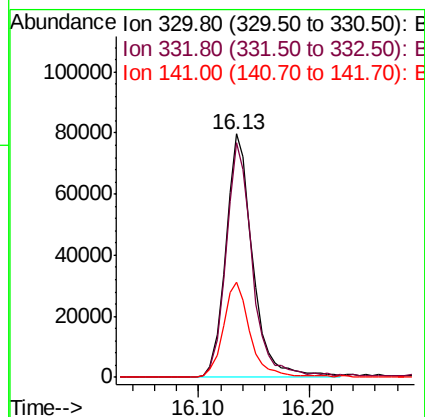
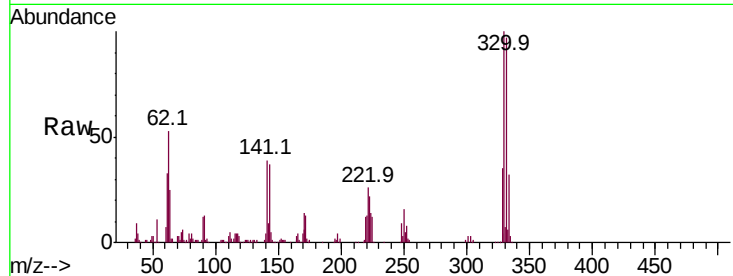




#41
 2,4,6-Tribromophenol
 Concen: 102.166 ng
 RT: 16.13 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BG035998.D
 Acq: 31 Jul 2018 6:36

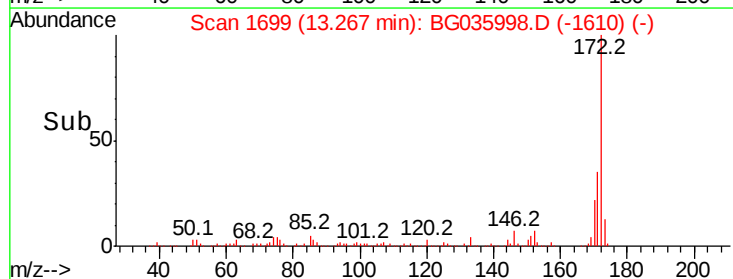
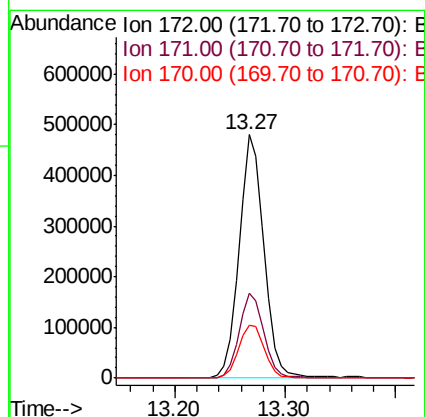
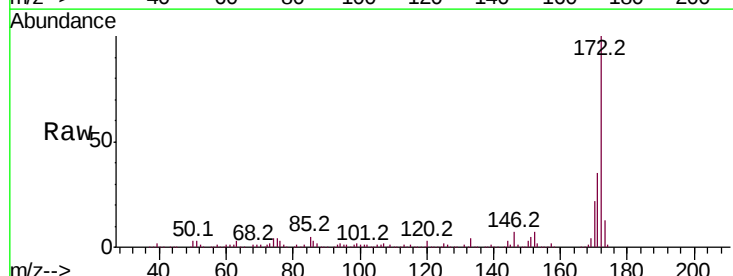
Instrument :
 BNA_G
 ClientSampleId :
 072618-TIPC-F-U-B

Tot Ion:330 Resp: 136185
 Ion Ratio Lower Upper
 330 100
 332 94.3 77.0 115.6
 141 39.1 25.2 37.8#



#44
 2-Fluorobiphenyl
 Concen: 100.388 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG035998.D
 Acq: 31 Jul 2018 6:36

Tgt Ion:172 Resp: 757781
 Ion Ratio Lower Upper
 172 100
 171 34.8 30.0 45.0
 170 21.7 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: BG035998.D

Acq: 31 Jul 2018 6:36

Instrument :

BNA_G

ClientSampleId :

072618-TIPC-F-U-B

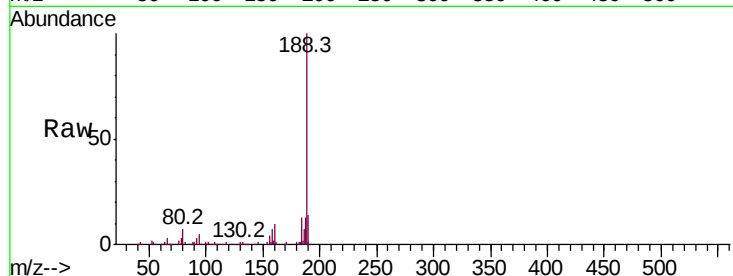
Tot Ion:188 Resp: 279997

Ion Ratio Lower Upper

188 100

94 5.5 6.9 10.3#

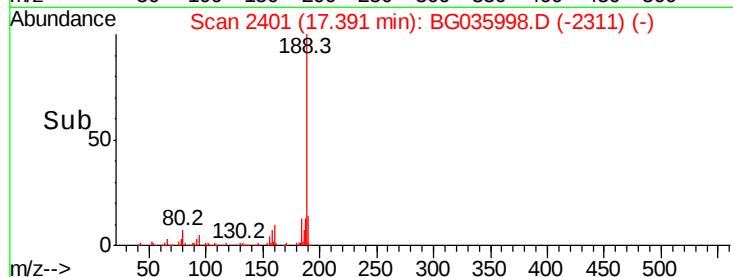
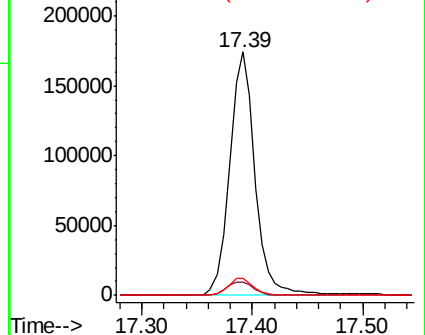
80 7.0 7.7 11.5#



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: BG035998.D

Acq: 31 Jul 2018 6:36

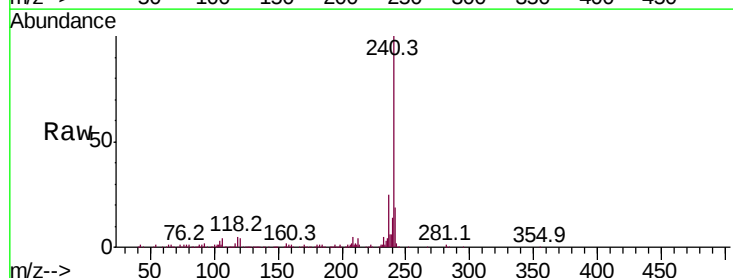
Tgt Ion:240 Resp: 292179

Ion Ratio Lower Upper

240 100

120 4.2 6.8 10.2#

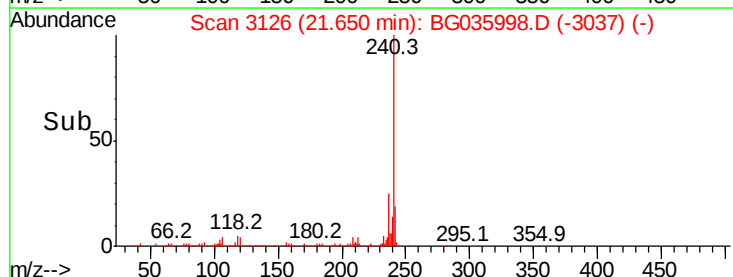
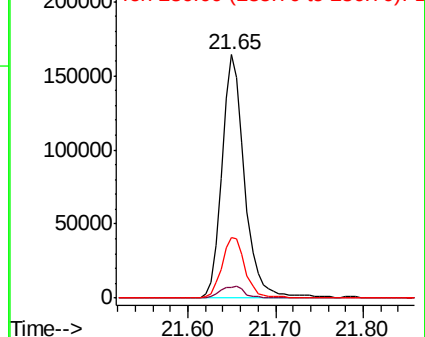
236 25.1 20.9 31.3

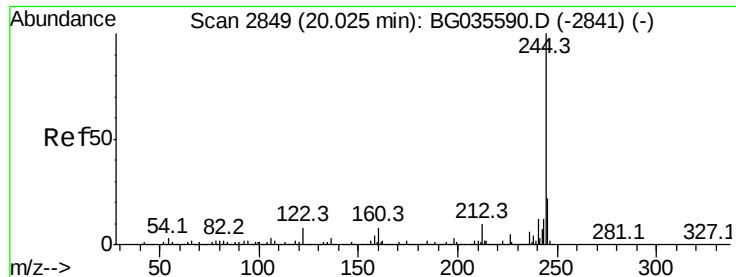


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 89.830 ng

RT: 20.00 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BG035998.D

Acq: 31 Jul 2018 6:36

Instrument :

BNA_G

ClientSampleId :

072618-TIPC-F-U-B

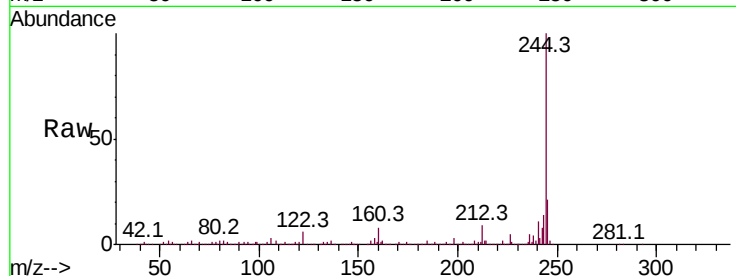
Tot Ion:244 Resp: 1190695

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

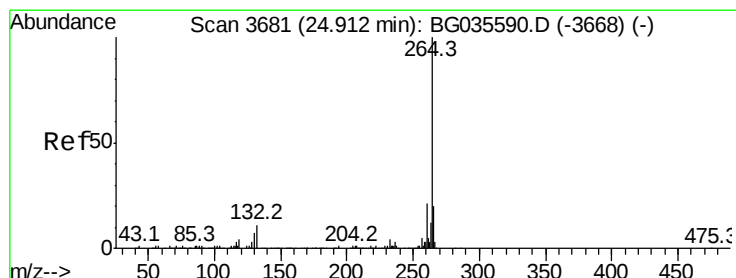
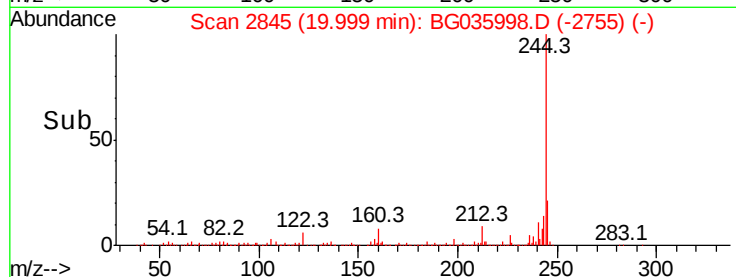
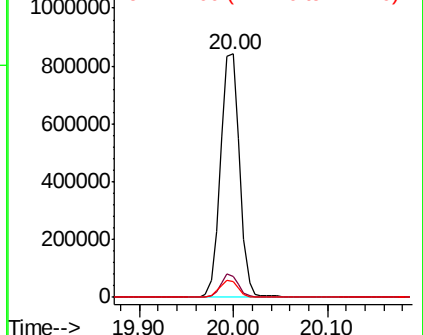
122 6.5 7.0 10.4#



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: BG035998.D

Acq: 31 Jul 2018 6:36

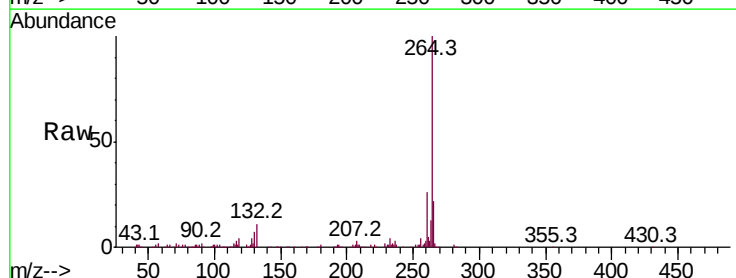
Tgt Ion:264 Resp: 270321

Ion Ratio Lower Upper

264 100

260 26.3 17.4 26.0#

265 21.7 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

