

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073018\
 Data File : BG035980.D
 Acq On : 30 Jul 2018 17:37
 Operator : JU/SJ
 Sample : J4196-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 072518-TIPC-E-D-M

Quant Time: Jul 31 01:21:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 25 11:04:14 2018
 Response via : Initial Calibration

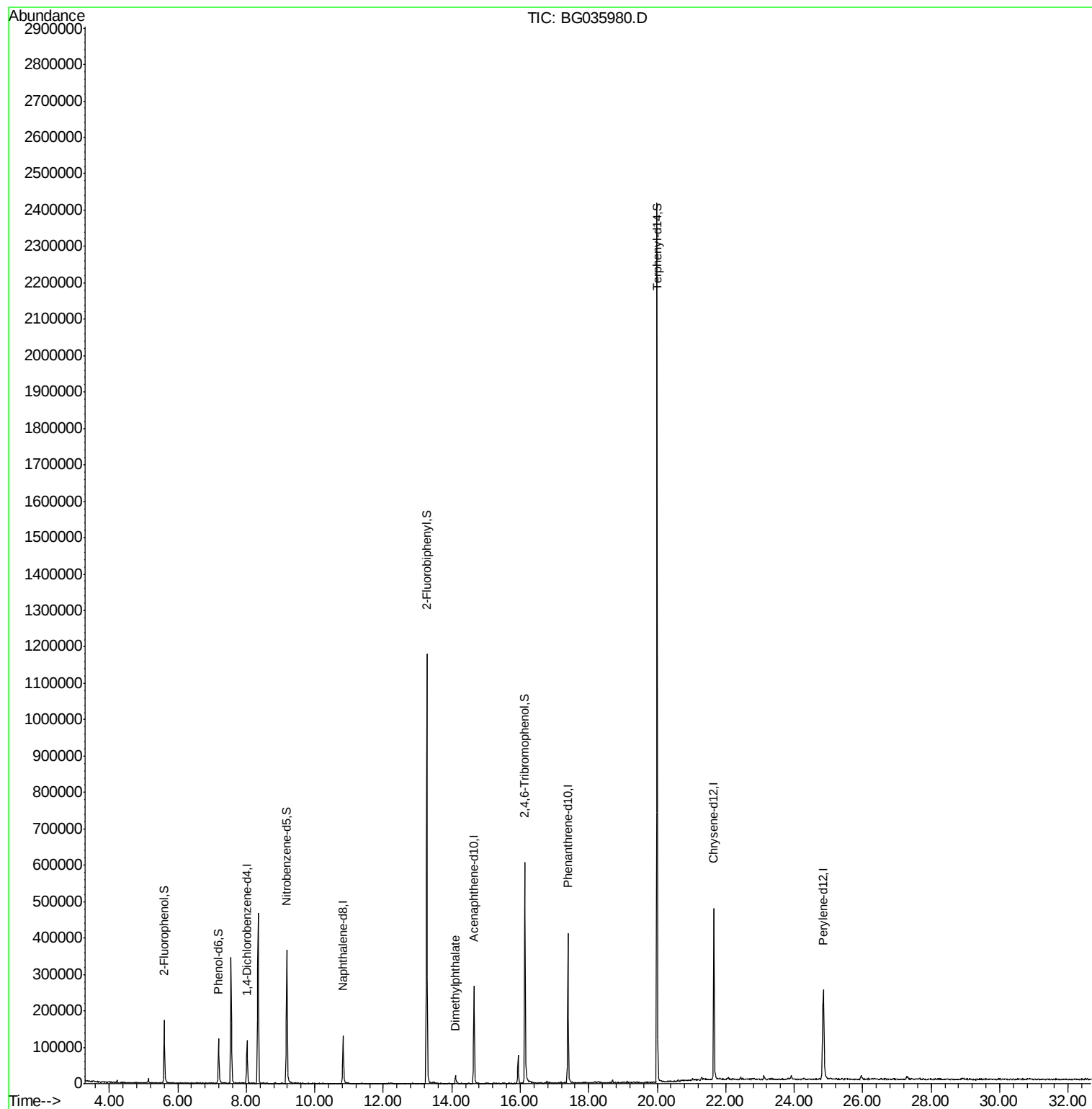
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	33050	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	123532	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	99542	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	290130	20.00	ng	0.00
75) Chrysene-d12	21.65	240	313806	20.00	ng	0.00
86) Perylene-d12	24.85	264	291995	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	80879	40.63	ng	0.00
7) Phenol-d6	7.19	99	83126	27.99	ng	0.00
23) Nitrobenzene-d5	9.19	82	263946	89.26	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	120184	91.60	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	662376	89.15	ng	0.00
78) Terphenyl-d14	19.99	244	1205016	84.65	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.11	163	23834	2.733	ng	Qvalue # 94

(#) = 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: BG035980.D

Acq: 30 Jul 2018 17:37

Instrument :

BNA_G

ClientSampleId :

072518-TIPC-E-D-M

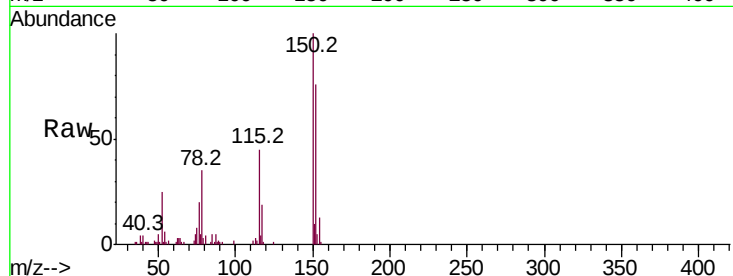
Tot Ion:152 Resp: 33050

Ion Ratio Lower Upper

152 100

150 131.1 126.6 189.8

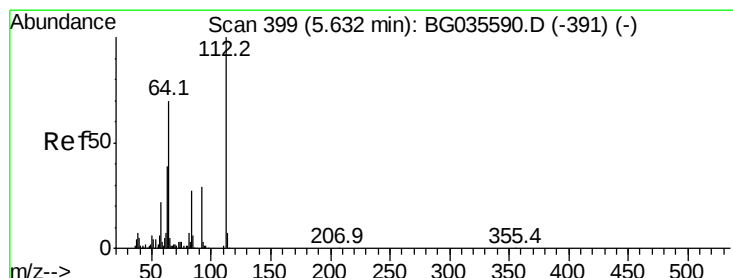
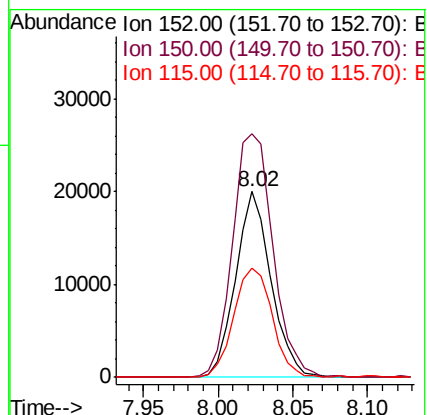
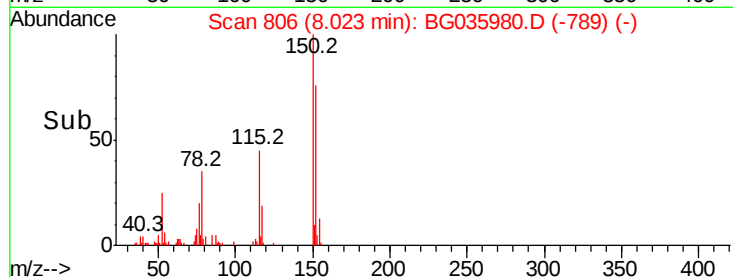
115 59.1 53.0 79.4



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: 40.629 ng

RT: 5.60 min Scan# 394

Delta R.T. -0.00 min

Lab File: BG035980.D

Acq: 30 Jul 2018 17:37

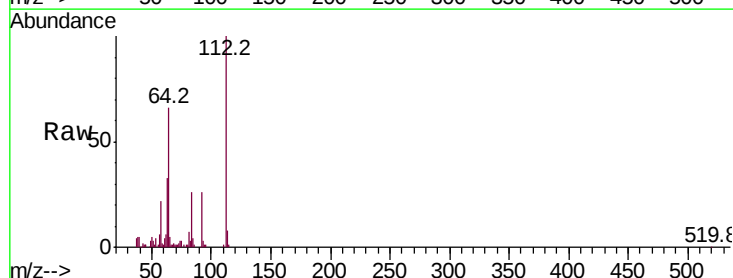
Tgt Ion:112 Resp: 80879

Ion Ratio Lower Upper

112 100

64 65.7 56.3 84.5

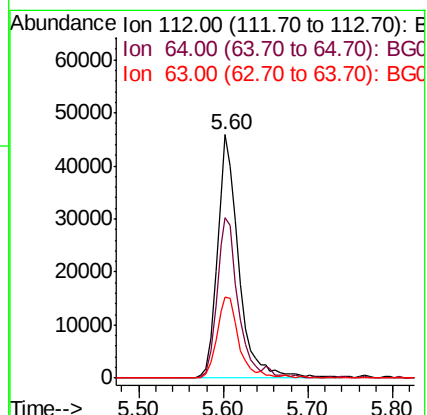
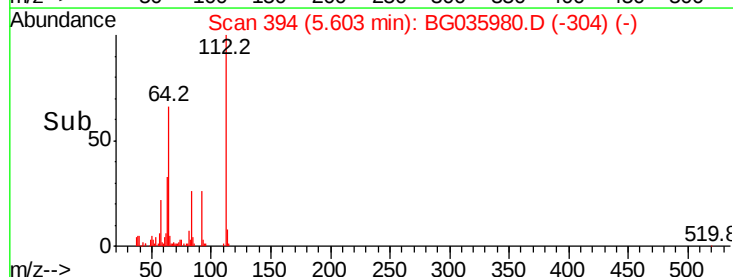
63 33.4 30.1 45.1



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: 27.988 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG035980.D

Acq: 30 Jul 2018 17:37

Instrument :

BNA_G

ClientSampleId :

072518-TIPC-E-D-M

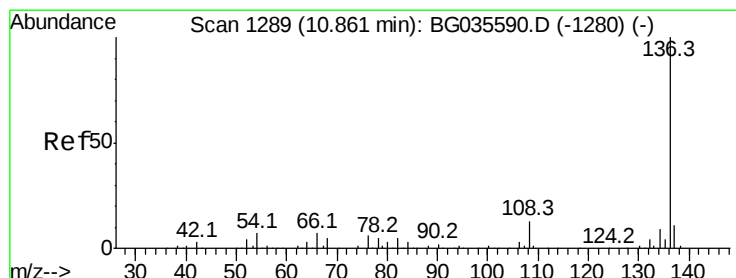
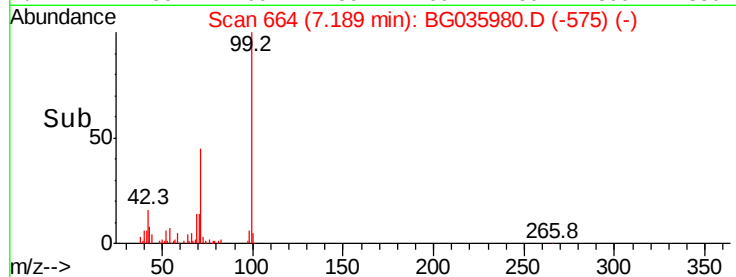
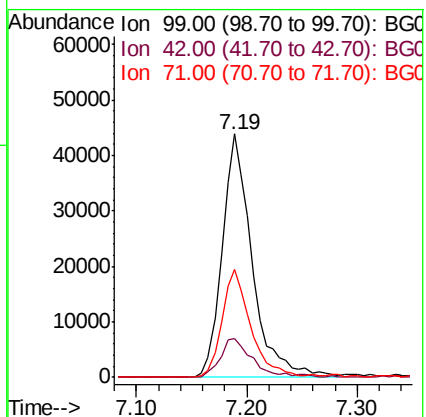
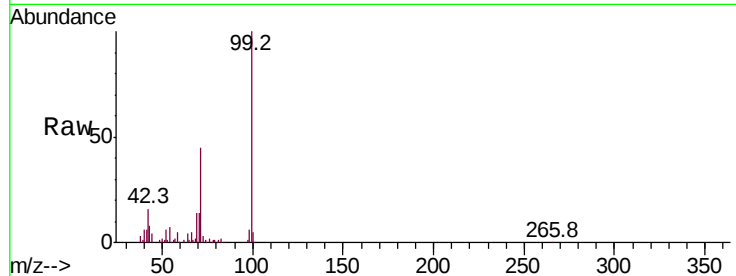
Tot Ion: 99 Resp: 83126

Ion Ratio Lower Upper

99 100

42 15.7 14.1 21.1

71 44.5 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: BG035980.D

Acq: 30 Jul 2018 17:37

Tgt Ion: 136 Resp: 123532

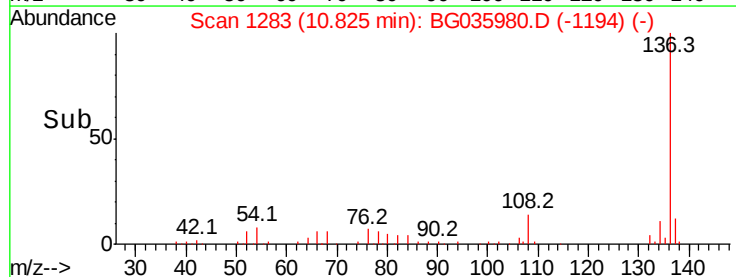
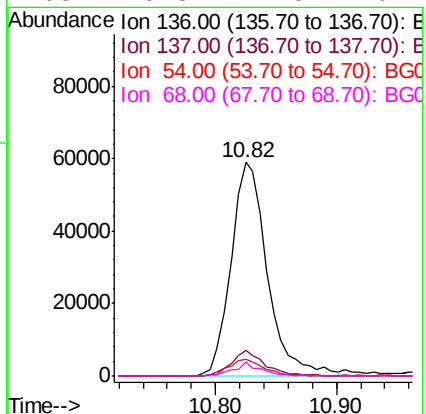
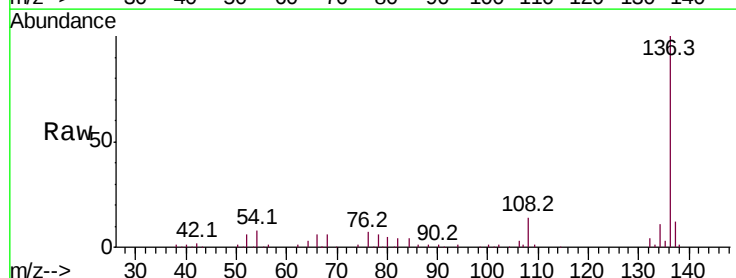
Ion Ratio Lower Upper

136 100

137 11.8 9.2 13.8

54 7.8 10.3 15.5#

68 6.3 4.5 6.7

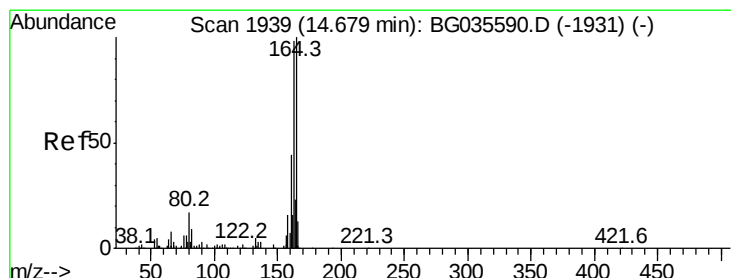
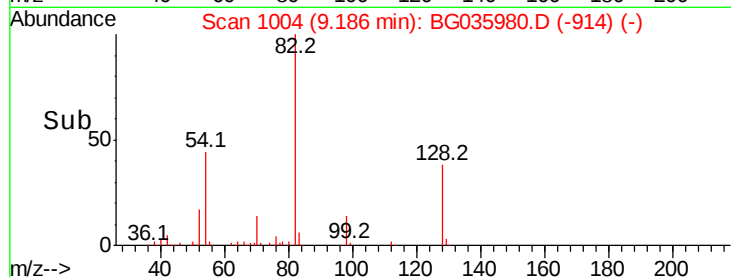
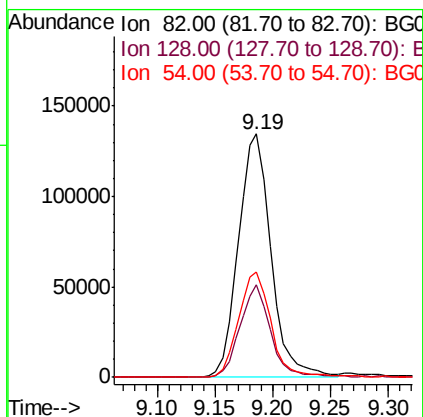
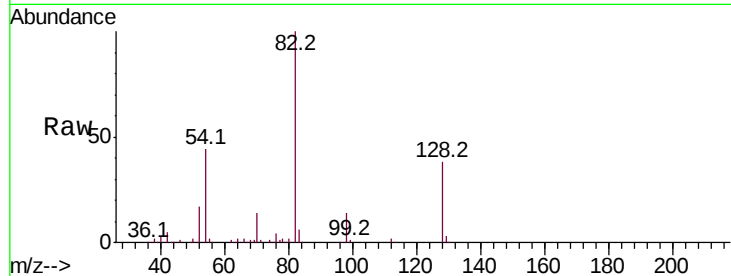




#23
Nitrobenzene-d5
Concen: 89.258 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BG035980.D
Acq: 30 Jul 2018 17:37

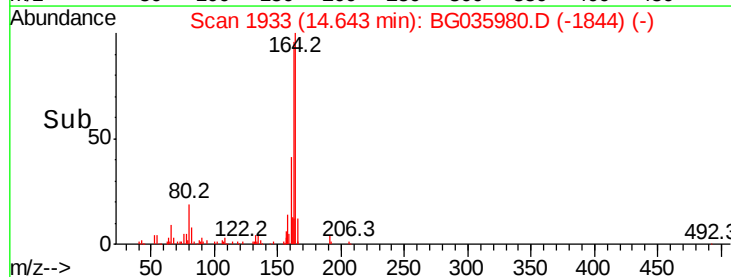
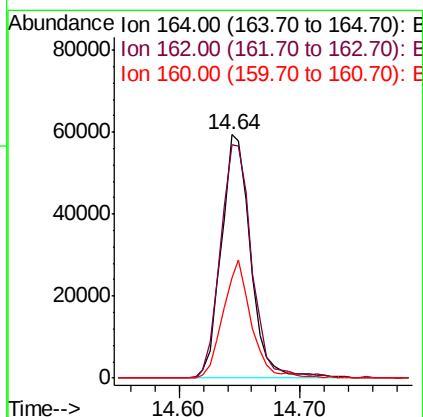
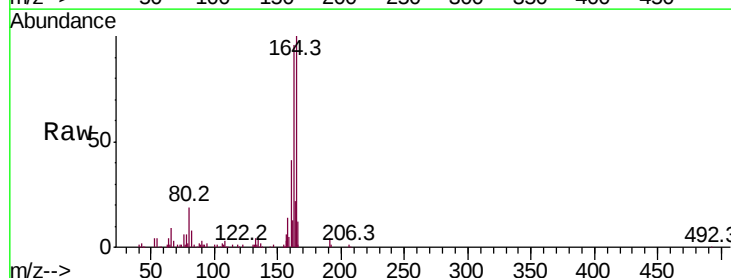
Instrument :
BNA_G
ClientSampleId :
072518-TIPC-E-D-M

Tot Ion: 82 Resp: 263946
Ion Ratio Lower Upper
82 100
128 37.8 29.7 44.5
54 43.5 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: BG035980.D
Acq: 30 Jul 2018 17:37

Tgt Ion:164 Resp: 99542
Ion Ratio Lower Upper
164 100
162 95.7 78.8 118.2
160 41.0 35.4 53.0

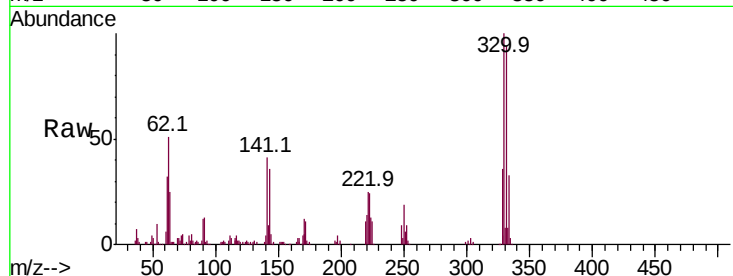




#41
 2,4,6-Tribromophenol
 Concen: 91.602 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BG035980.D
 Acq: 30 Jul 2018 17:37

Instrument :
 BNA_G
 ClientSampleId :
 072518-TIPC-E-D-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	39.6	25.2	37.8#

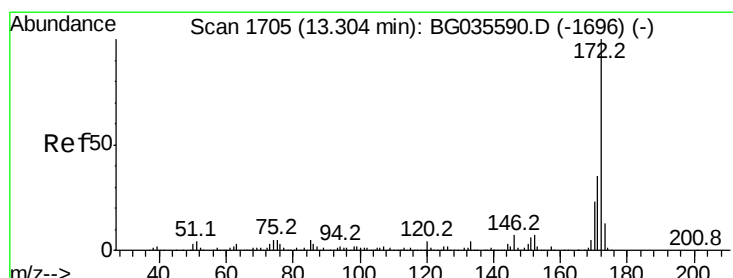
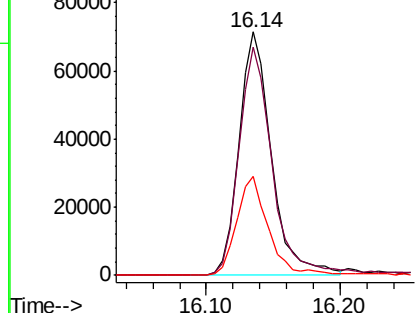
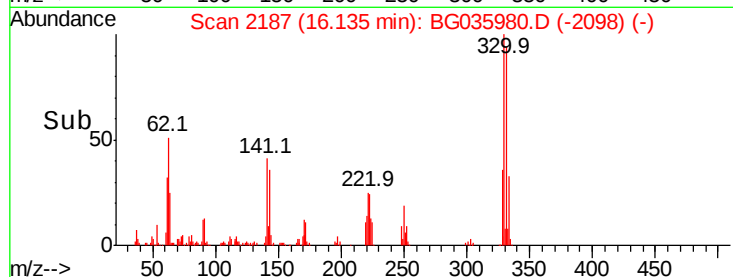


Abundance

Ion 329.80 (329.50 to 330.50): E

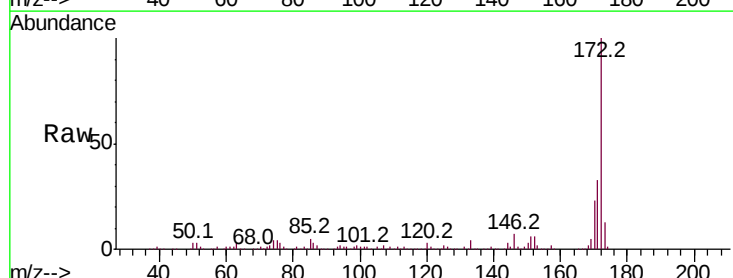
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 89.150 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG035980.D
 Acq: 30 Jul 2018 17:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.1	30.0	45.0
170	22.6	19.5	29.3

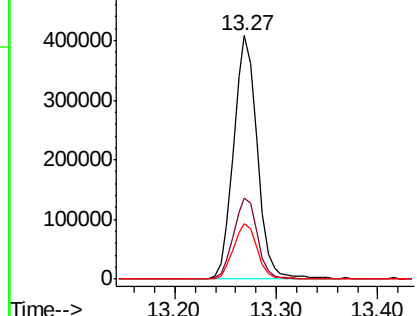
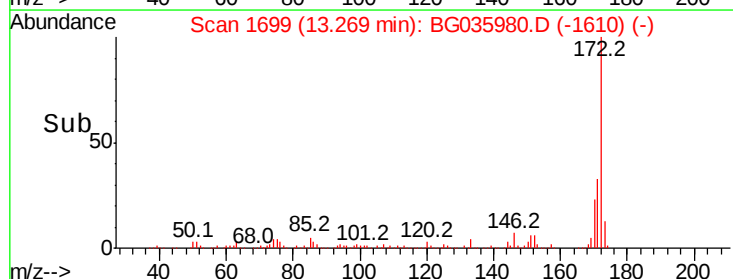


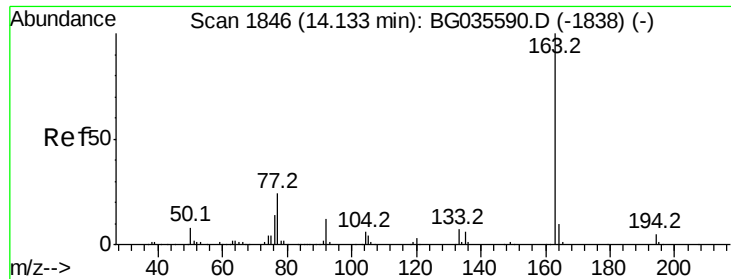
Abundance

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





#49

Dimethylphthalate

Concen: 2.733 ng

RT: 14.11 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BG035980.D

Acq: 30 Jul 2018 17:37

Instrument :

BNA_G

ClientSampleId :

072518-TIPC-E-D-M

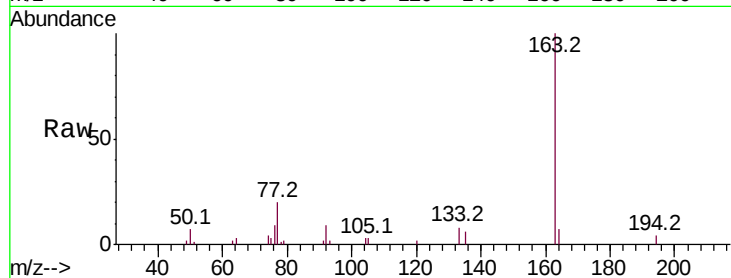
Tot Ion:163 Resp: 23834

Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.2

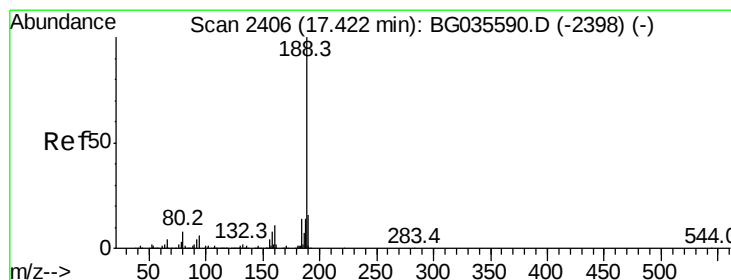
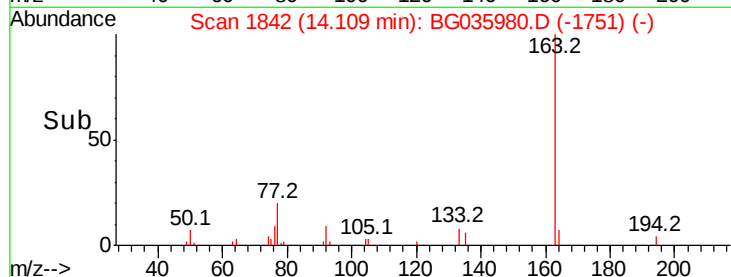
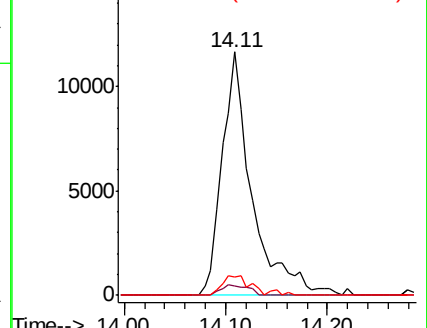
164 7.3 8.2 12.4#



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BG035980.D

Acq: 30 Jul 2018 17:37

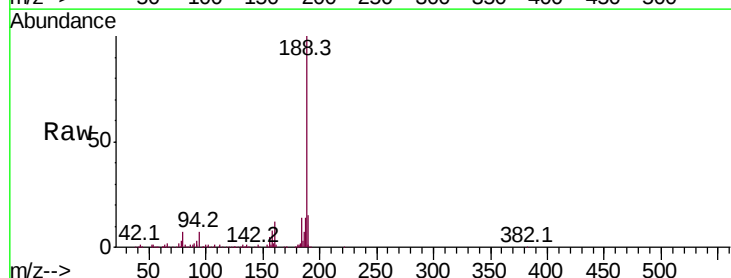
Tgt Ion:188 Resp: 290130

Ion Ratio Lower Upper

188 100

94 6.5 6.9 10.3#

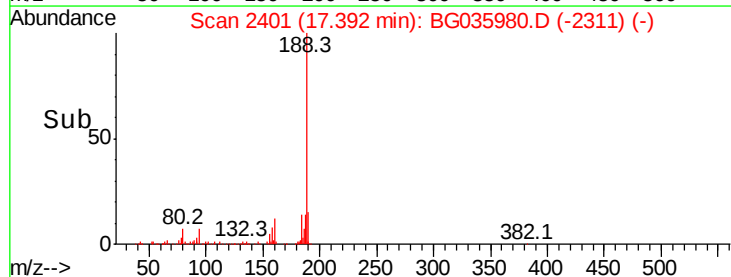
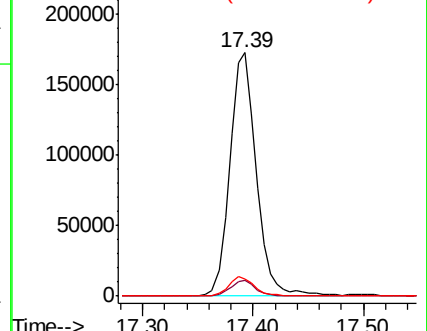
80 7.3 7.7 11.5#



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: BG035980.D

Acq: 30 Jul 2018 17:37

Instrument :

BNA_G

ClientSampleId :

072518-TIPC-E-D-M

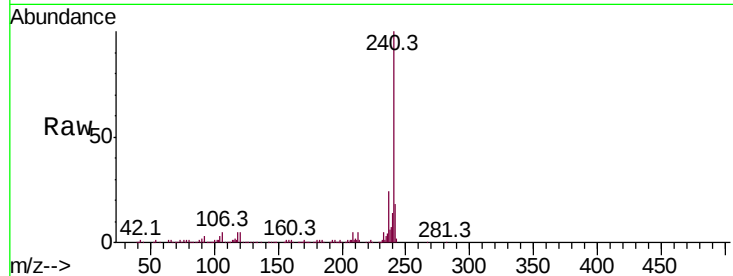
Tot Ion:240 Resp: 313806

Ion Ratio Lower Upper

240 100

120 5.4 6.8 10.2#

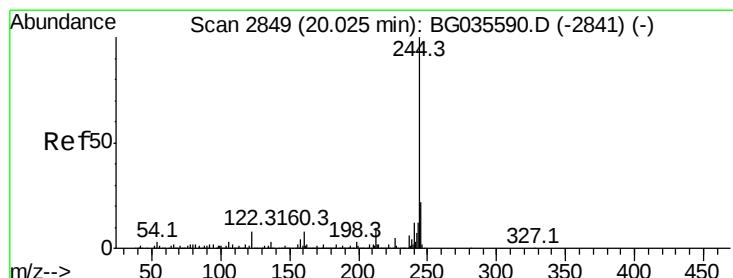
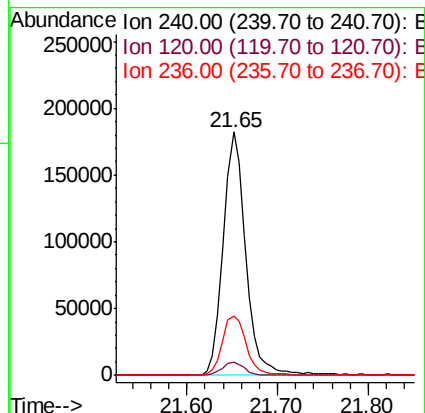
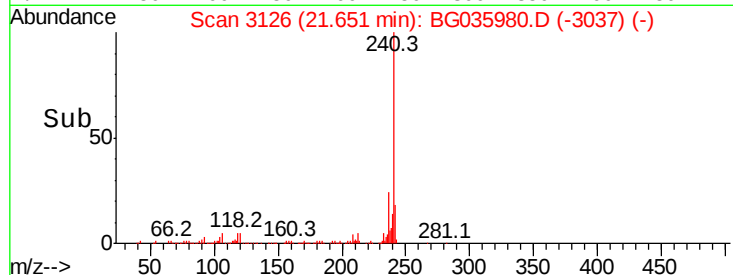
236 24.3 20.9 31.3



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: 84.645 ng

RT: 19.99 min Scan# 2844

Delta R.T. -0.01 min

Lab File: BG035980.D

Acq: 30 Jul 2018 17:37

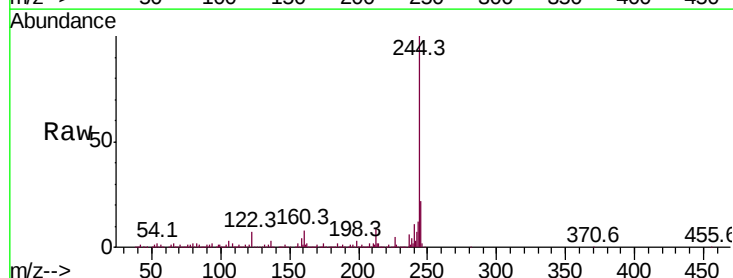
Tgt Ion:244 Resp: 1205016

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

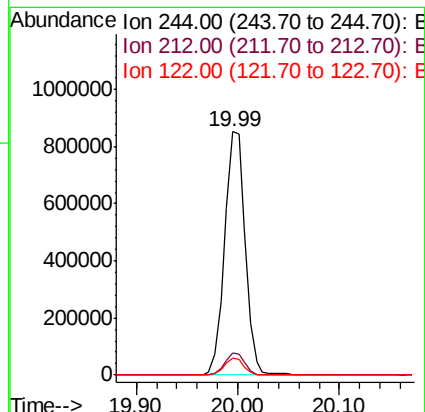
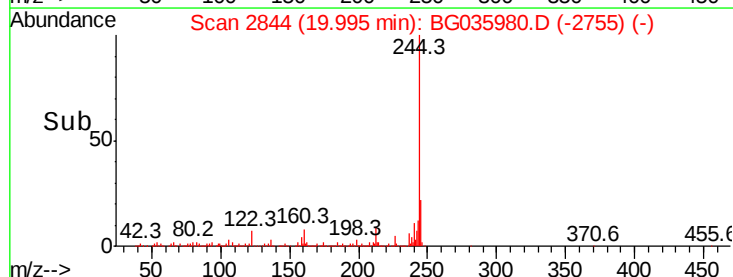
122 6.8 7.0 10.4#

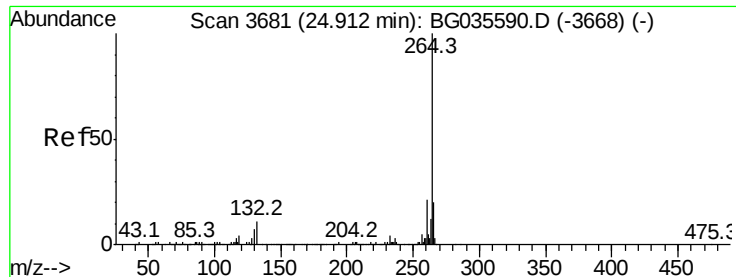


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.85 min Scan# 3670
 Delta R.T. -0.01 min
 Lab File: BG035980.D
 Acq: 30 Jul 2018 17:37

Instrument :
 BNA_G
 ClientSampleId :
 072518-TIPC-E-D-M

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.1	17.4	26.0
265	21.7	17.7	26.5

