

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073018\
 Data File : BG035977.D
 Acq On : 30 Jul 2018 15:41
 Operator : JU/SJ
 Sample : J4196-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 072518-DBRI-E-U-B

Quant Time: Jul 30 17:36:08 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

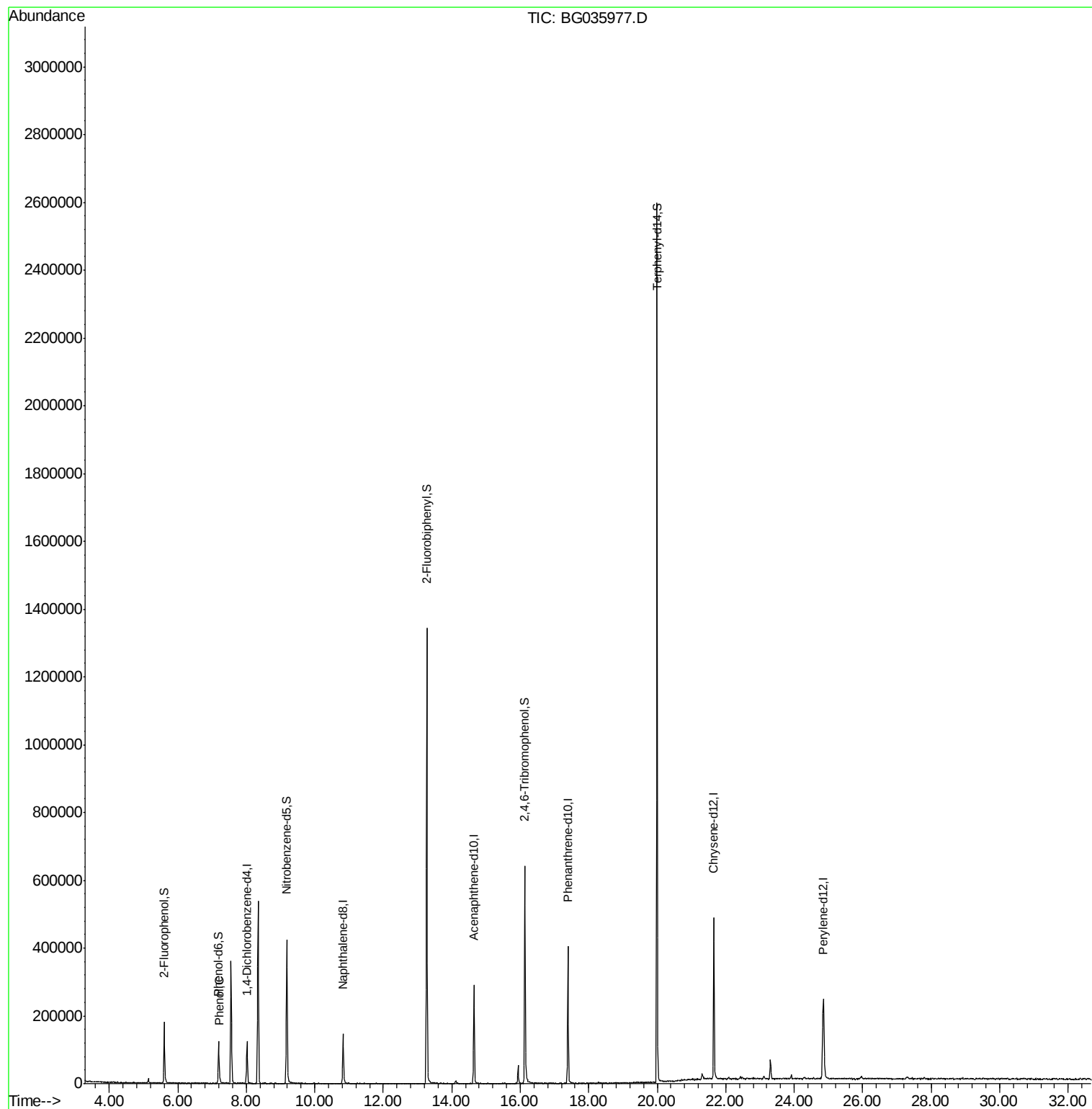
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	35935	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	132941	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	102742	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	289158	20.00	ng	0.00
75) Chrysene-d12	21.65	240	309816	20.00	ng	0.00
86) Perylene-d12	24.85	264	289863	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	83925	38.77	ng	0.00
7) Phenol-d6	7.19	99	82112	25.43	ng	0.00
23) Nitrobenzene-d5	9.19	82	299077	93.98	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	131681	97.24	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	742995	96.89	ng	0.00
78) Terphenyl-d14	19.99	244	1263914	89.93	ng	0.00
Target Compounds						
10) Phenol	7.22	94	8636	2.647	ng	Qvalue 92

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

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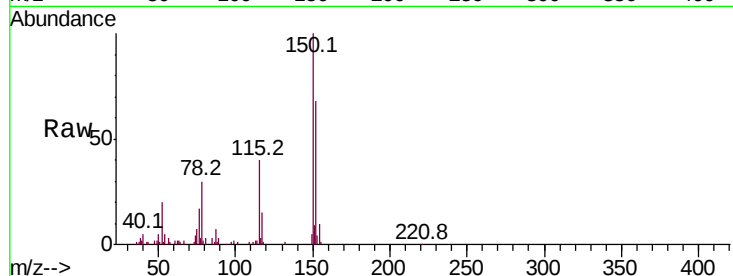


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG035977.D
Acq: 30 Jul 2018 15:41

Instrument :
BNA_G
ClientSampleId :
072518-DBRI-E-U-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.9	126.6	189.8
115	59.4	53.0	79.4

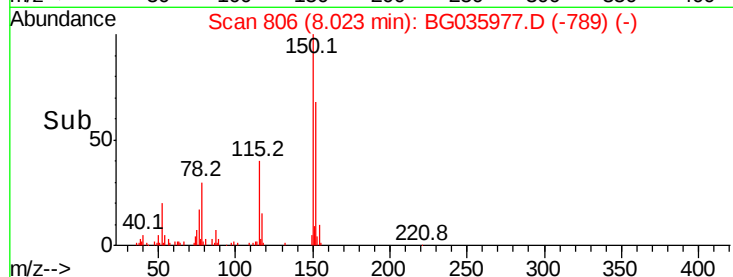
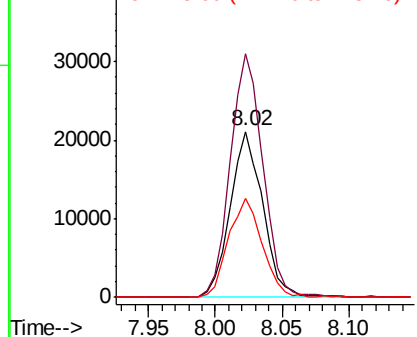


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

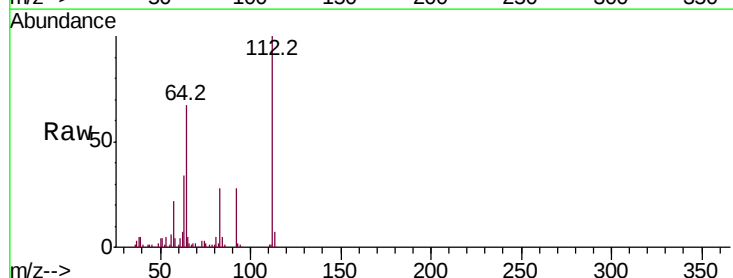
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 38.774 ng
RT: 5.60 min Scan# 394
Delta R.T. -0.00 min
Lab File: BG035977.D
Acq: 30 Jul 2018 15:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.1	56.3	84.5
63	33.7	30.1	45.1

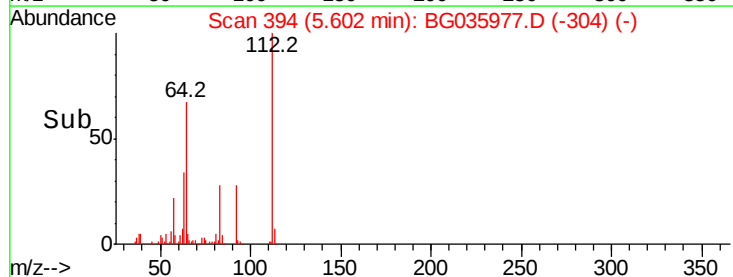
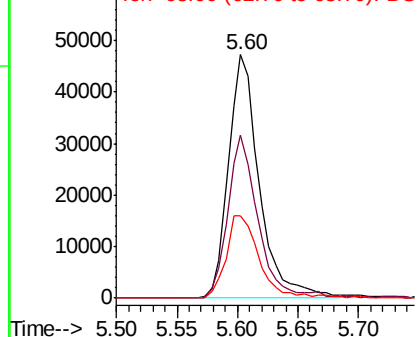


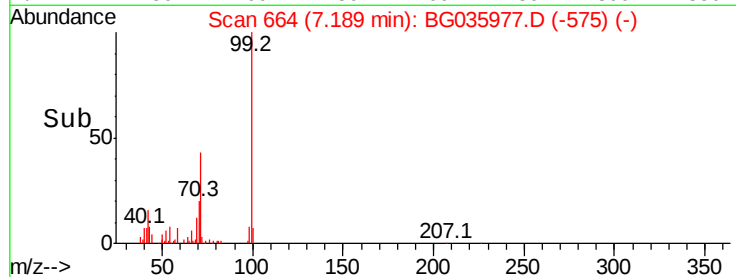
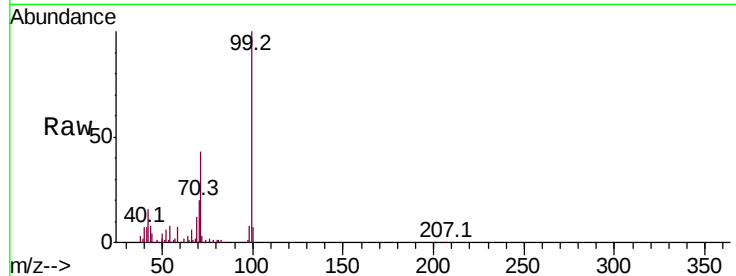
Abundance

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: 25.427 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG035977.D

Acq: 30 Jul 2018 15:41

Instrument :

BNA_G

ClientSampleId :

072518-DBRI-E-U-B

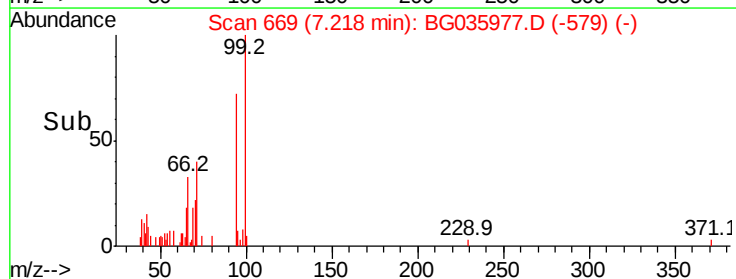
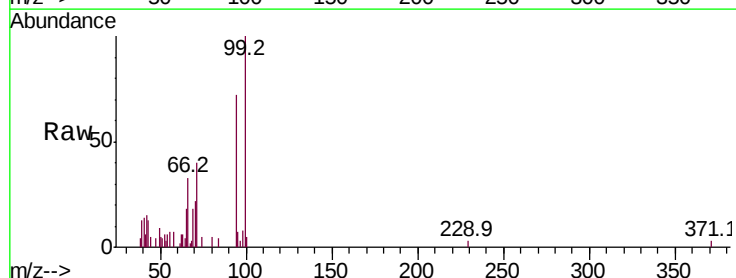
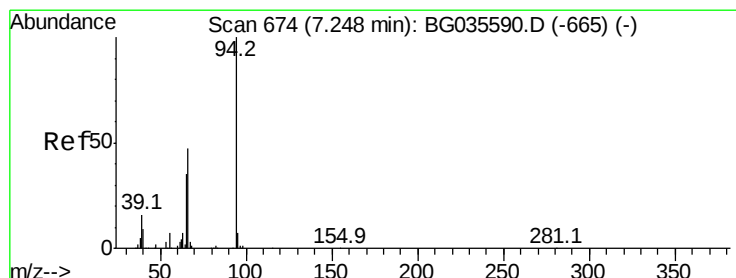
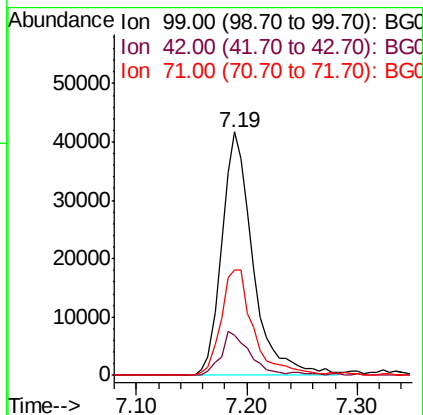
Tot Ion: 99 Resp: 82112

Ion Ratio Lower Upper

99 100

42 16.3 14.1 21.1

71 43.4 26.1 39.1#



#10

Phenol

Concen: 2.647 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG035977.D

Acq: 30 Jul 2018 15:41

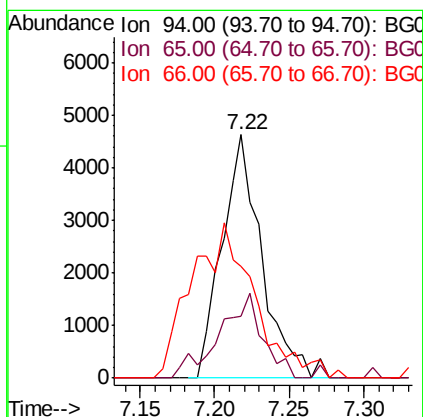
Tgt Ion: 94 Resp: 8636

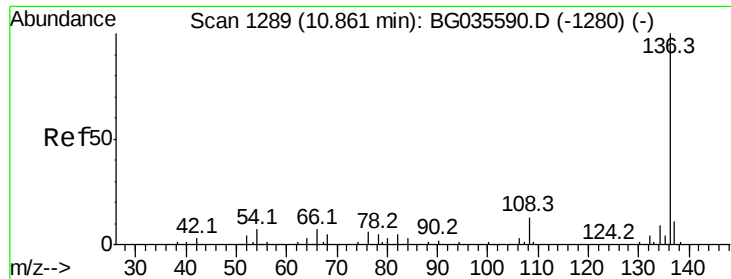
Ion Ratio Lower Upper

94 100

65 25.3 11.9 51.9

66 45.8 22.2 62.2

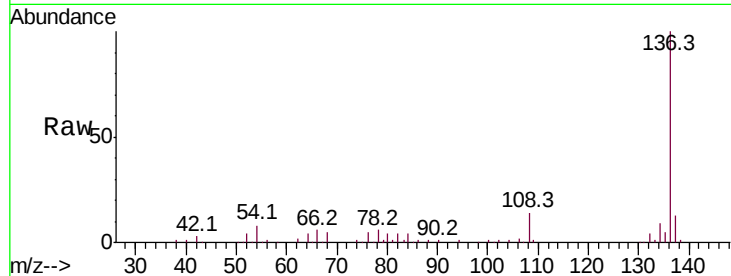




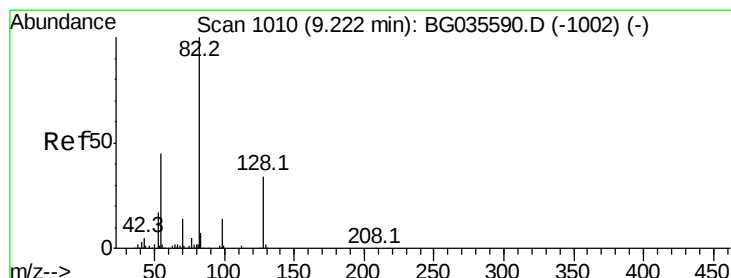
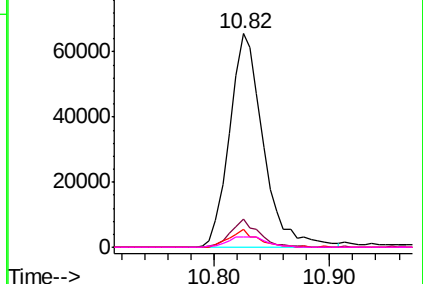
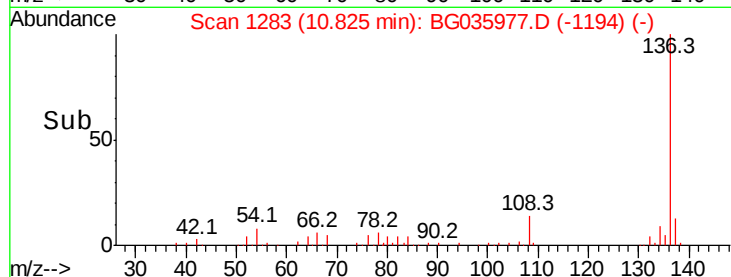
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG035977.D
Acq: 30 Jul 2018 15:41

Instrument :
BNA_G
ClientSampleId :
072518-DBRI-E-U-B

Tot Ion:	136	Resp:	132941
Ion	Ratio	Lower	Upper
136	100		
137	13.2	9.2	13.8
54	8.3	10.3	15.5#
68	5.0	4.5	6.7

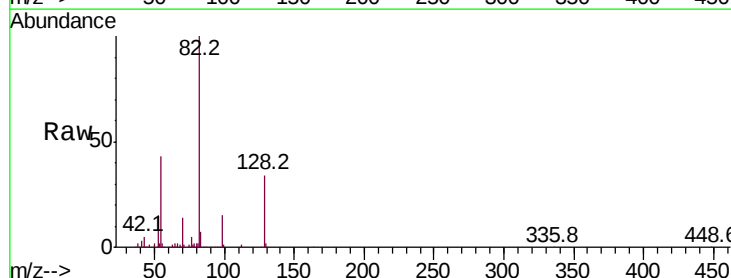


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

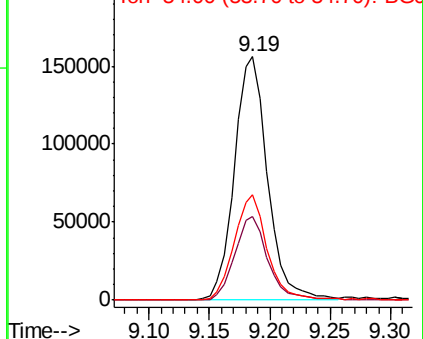
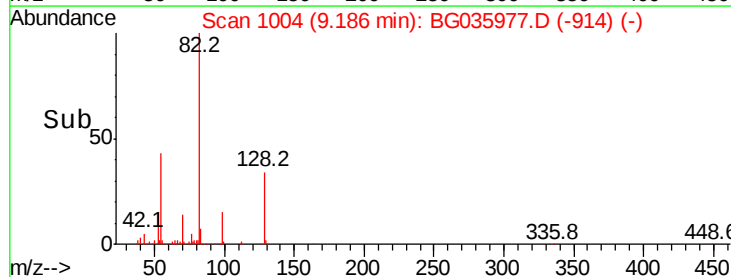


#23
Nitrobenzene-d5
Concen: 93.980 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BG035977.D
Acq: 30 Jul 2018 15:41

Tgt Ion:	82	Resp:	299077
Ion	Ratio	Lower	Upper
82	100		
128	34.4	29.7	44.5
54	43.3	43.1	64.7



Abundance Ion 82.00 (81.70 to 82.70): BG
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BG





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1934

Delta R.T. -0.00 min

Lab File: BG035977.D

Acq: 30 Jul 2018 15:41

Instrument :

BNA_G

ClientSampleId :

072518-DBRI-E-U-B

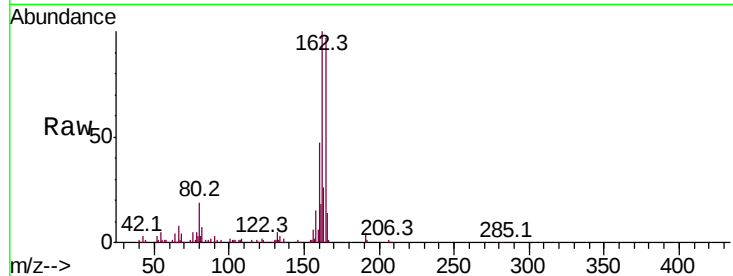
Tot Ion:164 Resp: 102742

Ion Ratio Lower Upper

164 100

162 102.8 78.8 118.2

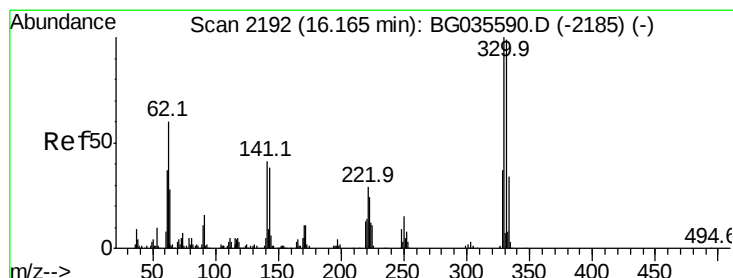
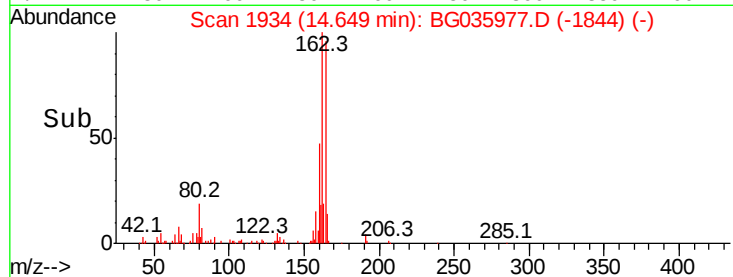
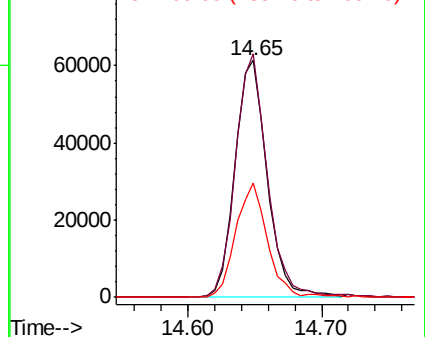
160 48.3 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 97.239 ng

RT: 16.14 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BG035977.D

Acq: 30 Jul 2018 15:41

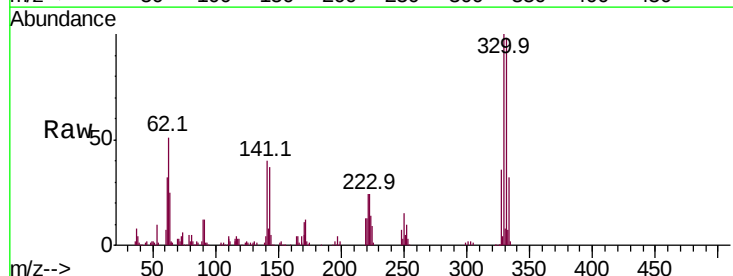
Tgt Ion:330 Resp: 131681

Ion Ratio Lower Upper

330 100

332 97.3 77.0 115.6

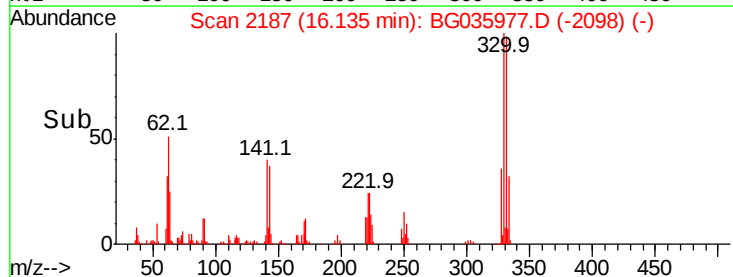
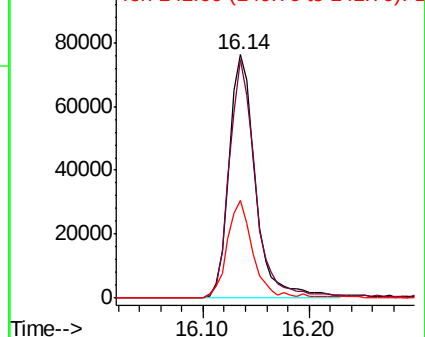
141 38.5 25.2 37.8#

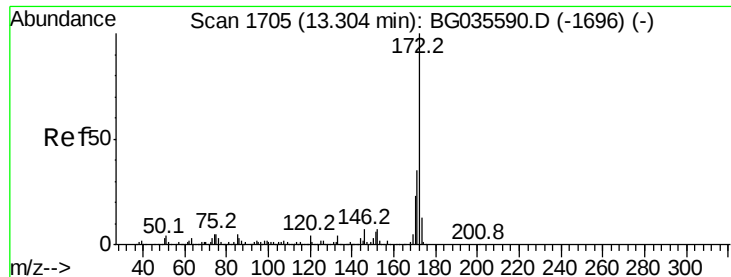


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

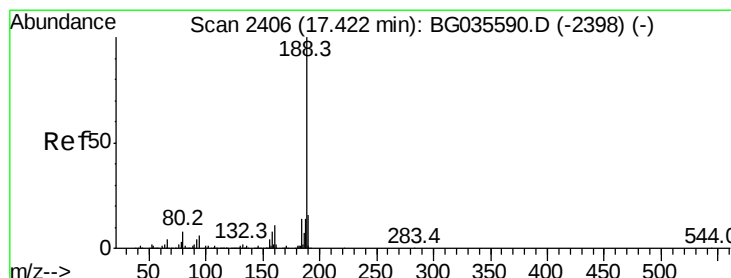
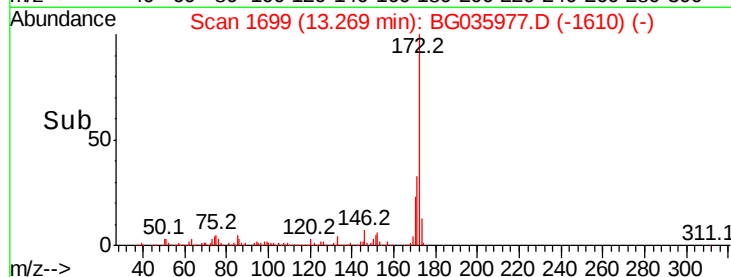
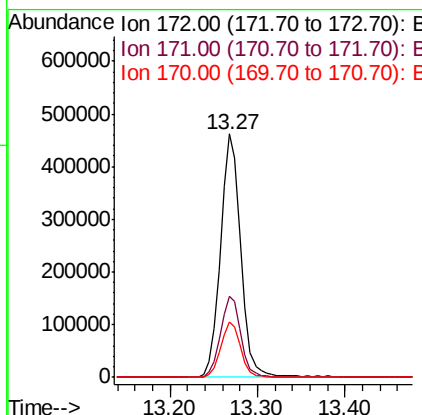
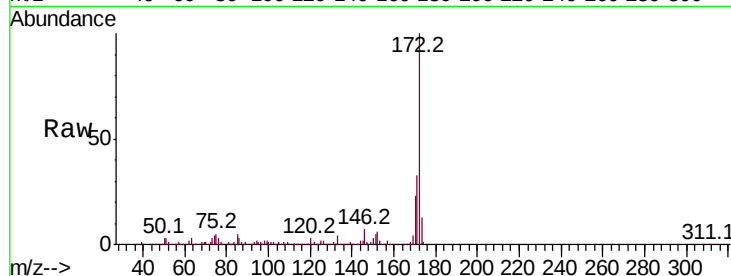




#44
2-Fluorobiphenyl
Concen: 96.885 ng
RT: 13.27 min Scan# 1699
Delta R.T. -0.01 min
Lab File: BG035977.D
Acq: 30 Jul 2018 15:41

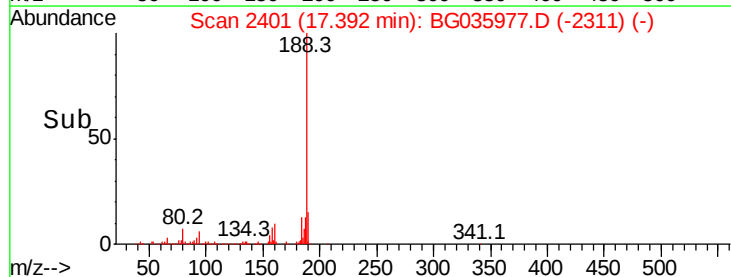
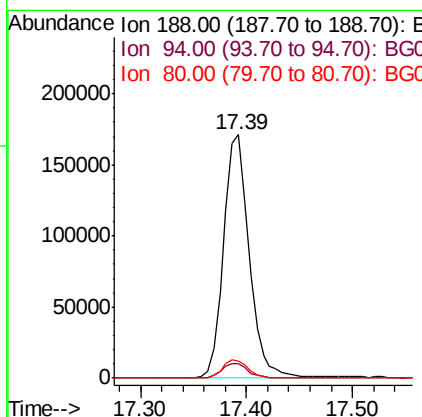
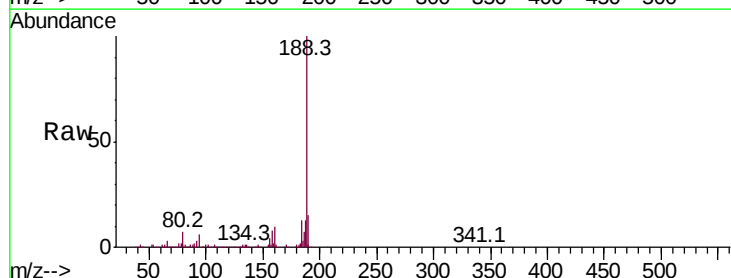
Instrument :
BNA_G
ClientSampleId :
072518-DBRI-E-U-B

Tot Ion:172 Resp: 742995
Ion Ratio Lower Upper
172 100
171 33.4 30.0 45.0
170 22.7 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: BG035977.D
Acq: 30 Jul 2018 15:41

Tgt Ion:188 Resp: 289158
Ion Ratio Lower Upper
188 100
94 5.8 6.9 10.3#
80 7.2 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3126

Delta R.T. -0.01 min

Lab File: BG035977.D

Acq: 30 Jul 2018 15:41

Instrument :

BNA_G

ClientSampleId :

072518-DBRI-E-U-B

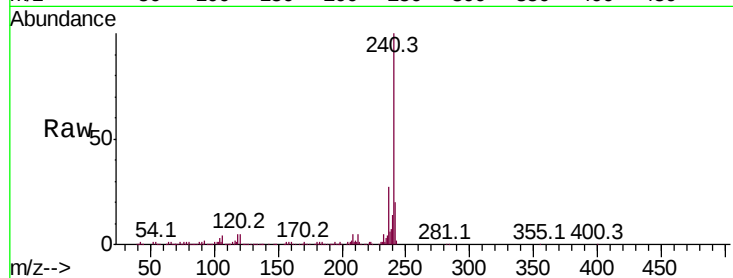
Tot Ion:240 Resp: 309816

Ion Ratio Lower Upper

240 100

120 5.5 6.8 10.2#

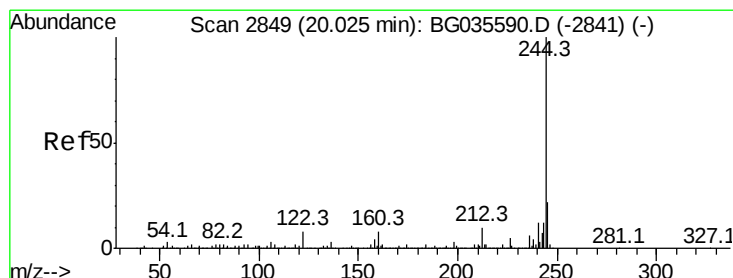
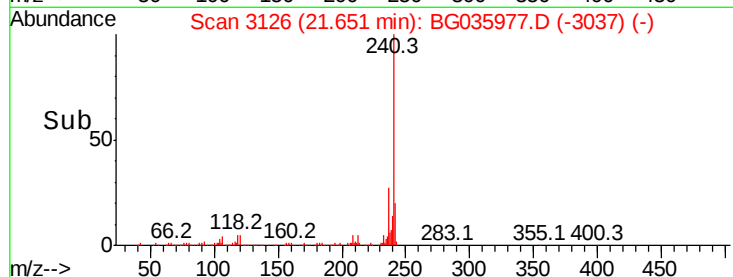
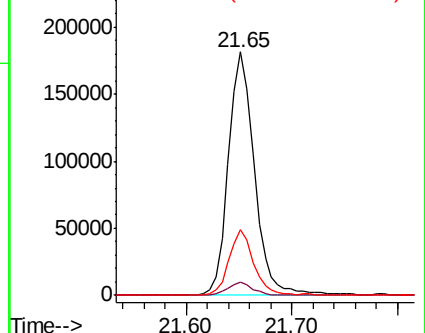
236 26.7 20.9 31.3



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: 89.926 ng

RT: 19.99 min Scan# 2844

Delta R.T. -0.01 min

Lab File: BG035977.D

Acq: 30 Jul 2018 15:41

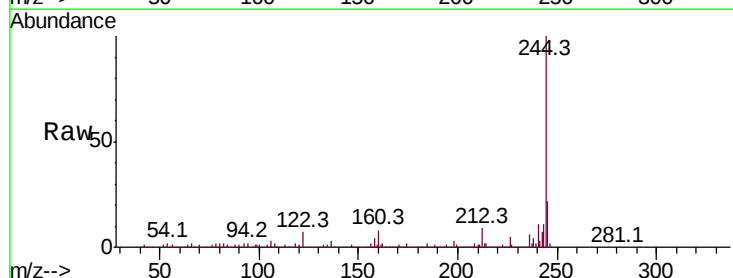
Tgt Ion:244 Resp: 1263914

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

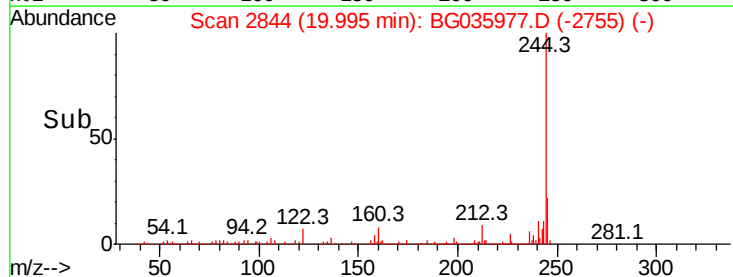
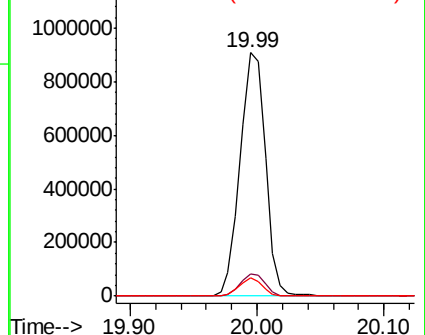
122 7.4 7.0 10.4

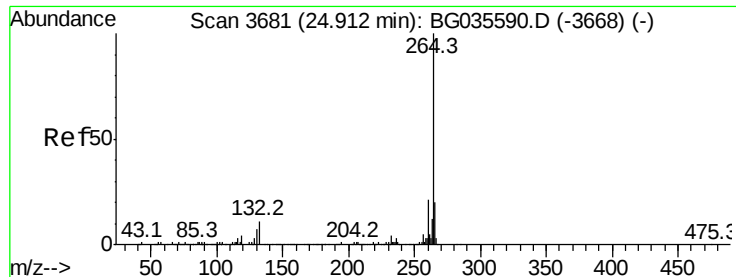


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.85 min Scan# 3671
 Delta R.T. -0.01 min
 Lab File: BG035977.D
 Acq: 30 Jul 2018 15:41

Instrument :
 BNA_G
 ClientSampleId :
 072518-DBRI-E-U-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.4	26.0
265	20.6	17.7	26.5

