

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073018\
 Data File : BG035976.D
 Acq On : 30 Jul 2018 15:02
 Operator : JU/SJ
 Sample : J4196-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 072518-DBRI-E-D-S

Quant Time: Jul 30 15:37:43 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

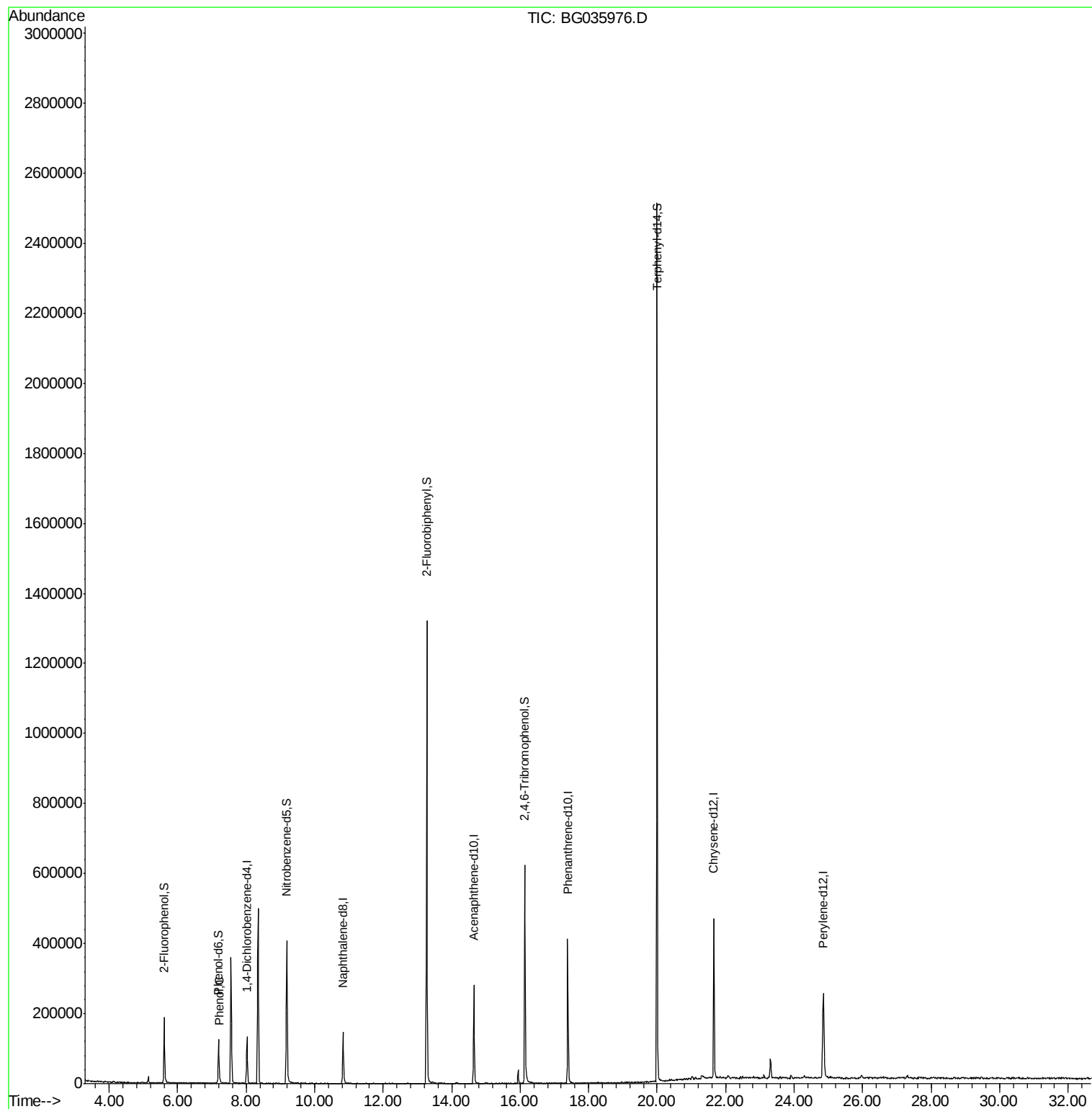
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	38276	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	138164	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	104728	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	295338	20.00	ng	0.00
75) Chrysene-d12	21.65	240	297822	20.00	ng	0.00
86) Perylene-d12	24.85	264	284624	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	90614	39.30	ng	0.00
7) Phenol-d6	7.19	99	90913	26.43	ng	0.00
23) Nitrobenzene-d5	9.18	82	300587	90.88	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	125158	90.67	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	725102	92.76	ng	0.00
78) Terphenyl-d14	20.00	244	1199777	88.80	ng	0.00
Target Compounds						
10) Phenol	7.22	94	6961	2.003	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: BG035976.D

Acq: 30 Jul 2018 15:02

Instrument :

BNA_G

ClientSampleId :

072518-DBRI-E-D-S

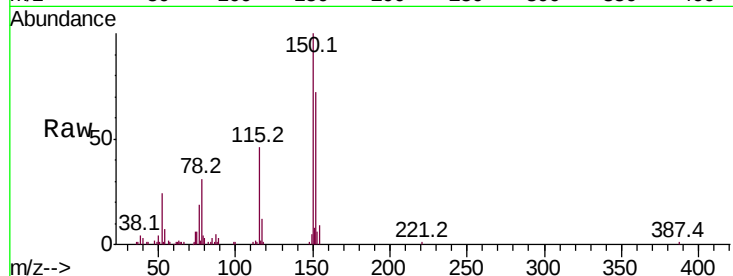
Tot Ion:152 Resp: 38276

Ion Ratio Lower Upper

152 100

150 139.1 126.6 189.8

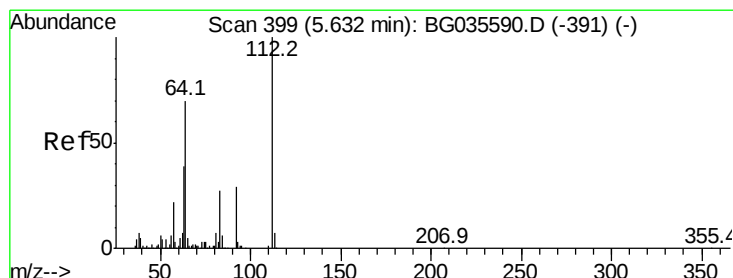
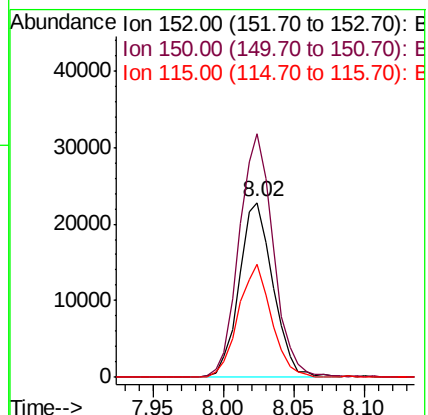
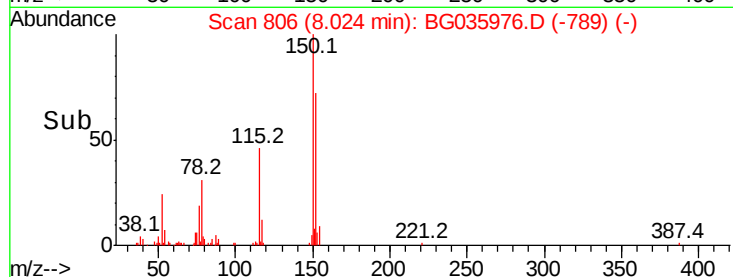
115 64.7 53.0 79.4



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: 39.304 ng

RT: 5.60 min Scan# 394

Delta R.T. -0.00 min

Lab File: BG035976.D

Acq: 30 Jul 2018 15:02

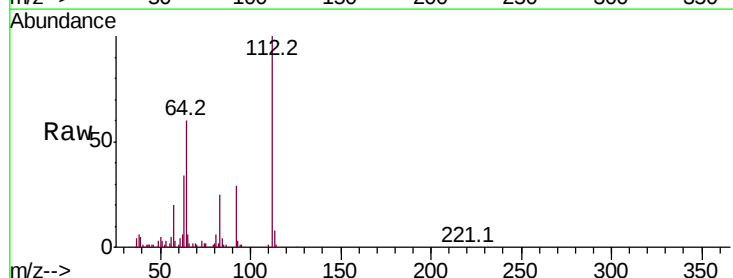
Tgt Ion:112 Resp: 90614

Ion Ratio Lower Upper

112 100

64 59.8 56.3 84.5

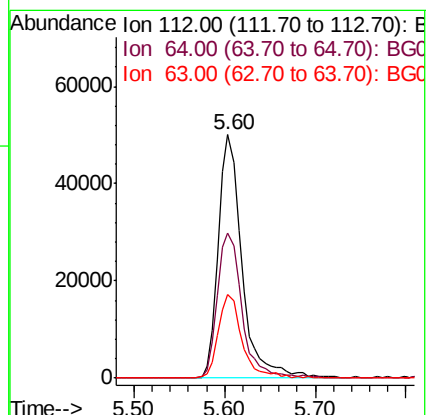
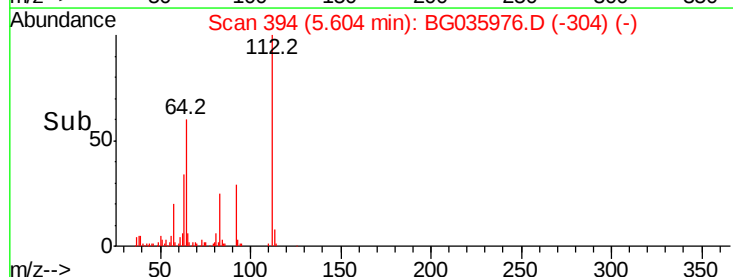
63 34.3 30.1 45.1



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: 26.430 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG035976.D

Acq: 30 Jul 2018 15:02

Instrument :

BNA_G

ClientSampleId :

072518-DBRI-E-D-S

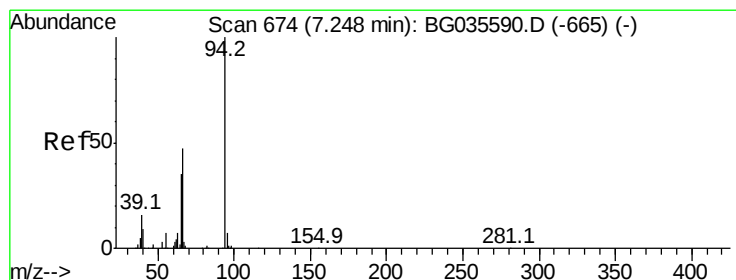
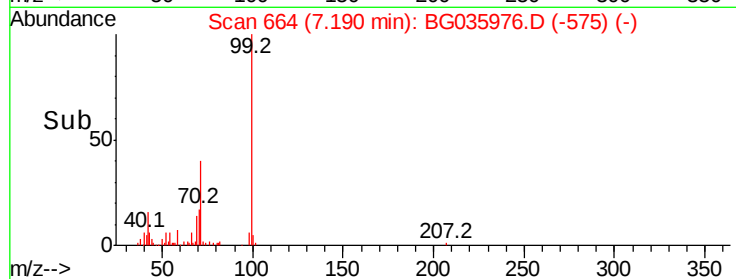
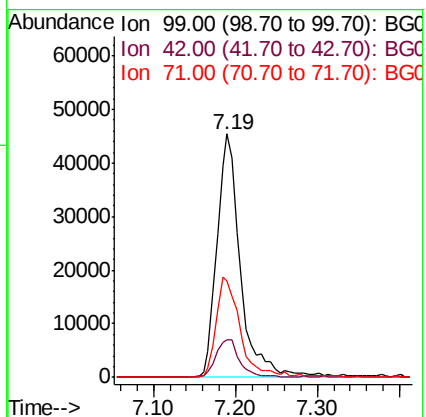
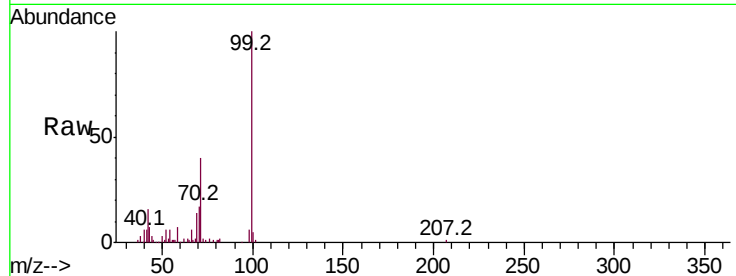
Tot Ion: 99 Resp: 90913

Ion Ratio Lower Upper

99 100

42 15.5 14.1 21.1

71 39.8 26.1 39.1#



#10

Phenol

Concen: 2.003 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG035976.D

Acq: 30 Jul 2018 15:02

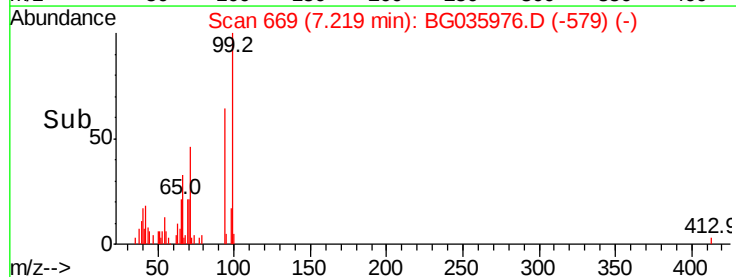
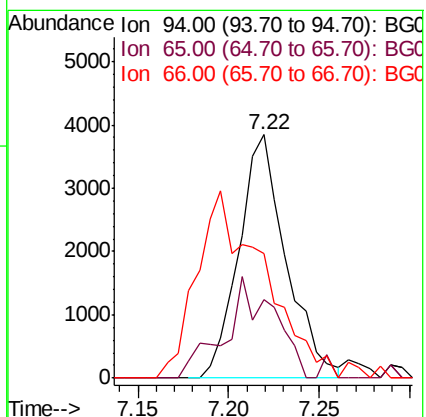
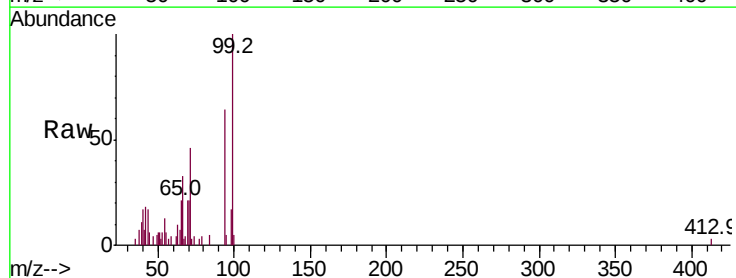
Tgt Ion: 94 Resp: 6961

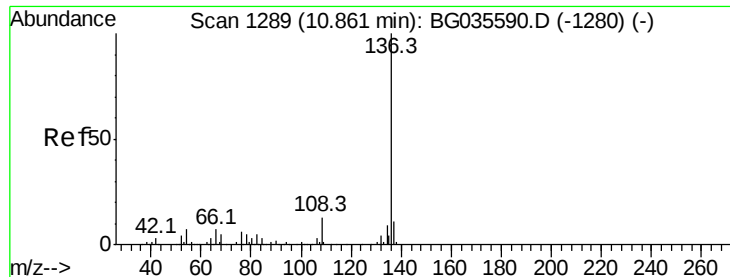
Ion Ratio Lower Upper

94 100

65 32.0 11.9 51.9

66 51.3 22.2 62.2

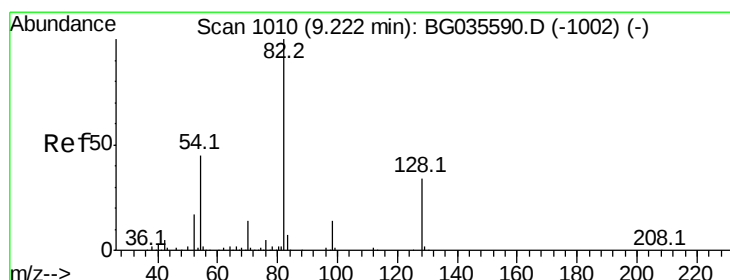
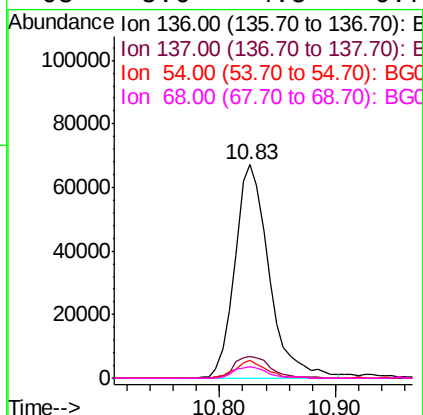
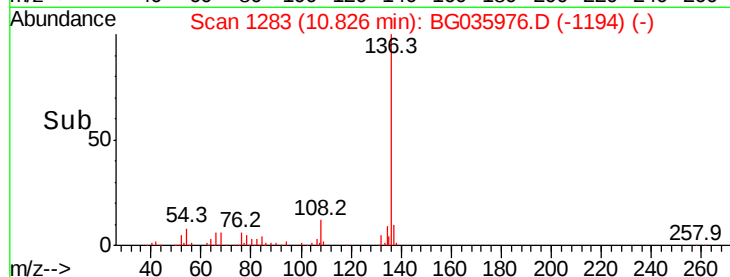
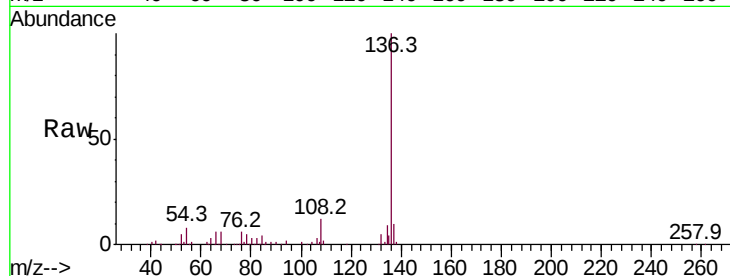




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG035976.D
Acq: 30 Jul 2018 15:02

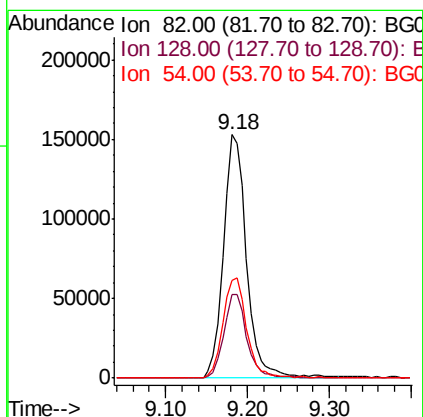
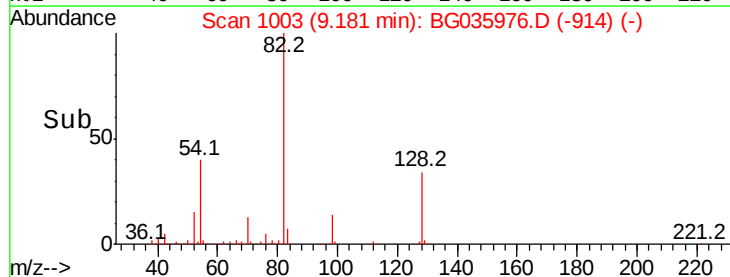
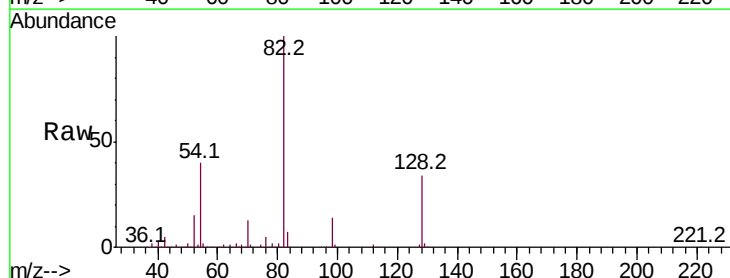
Instrument :
BNA_G
ClientSampleId :
072518-DBRI-E-D-S

Tot Ion:136	Resp:	138164
Ion Ratio	Lower	Upper
136	100	
137	10.1	9.2 13.8
54	8.1	10.3 15.5#
68	5.6	4.5 6.7



#23
Nitrobenzene-d5
Concen: 90.884 ng
RT: 9.18 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG035976.D
Acq: 30 Jul 2018 15:02

Tgt Ion: 82	Resp:	300587
Ion Ratio	Lower	Upper
82	100	
128	34.2	29.7 44.5
54	40.3	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: BG035976.D

Acq: 30 Jul 2018 15:02

Instrument :

BNA_G

ClientSampleId :

072518-DBRI-E-D-S

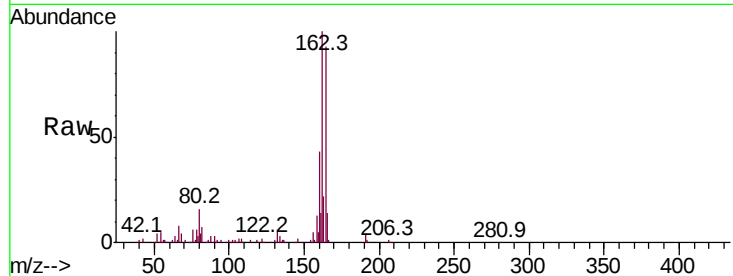
Tot Ion:164 Resp: 104728

Ion Ratio Lower Upper

164 100

162 107.5 78.8 118.2

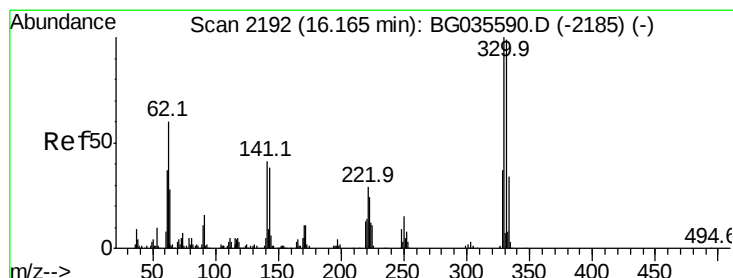
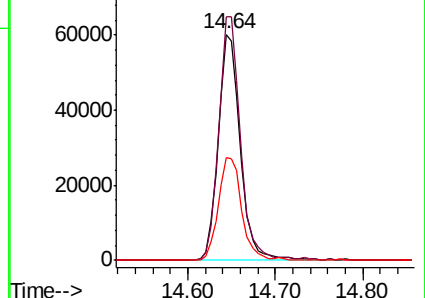
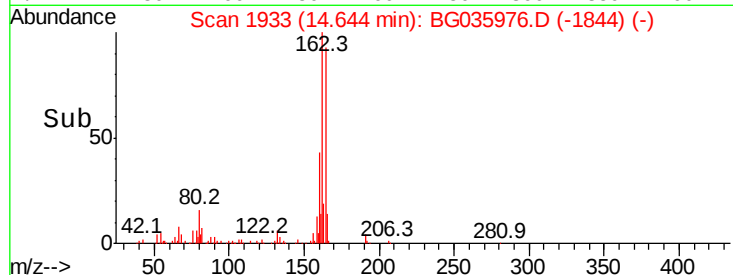
160 45.7 35.4 53.0



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: 90.669 ng

RT: 16.14 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BG035976.D

Acq: 30 Jul 2018 15:02

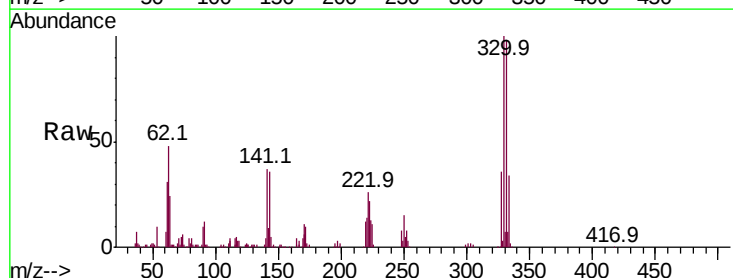
Tgt Ion:330 Resp: 125158

Ion Ratio Lower Upper

330 100

332 95.8 77.0 115.6

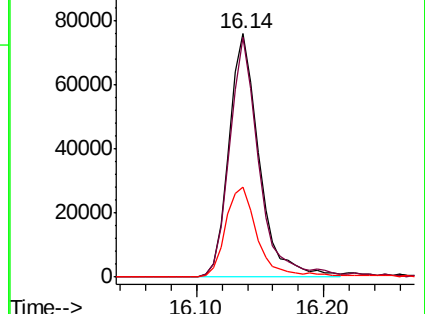
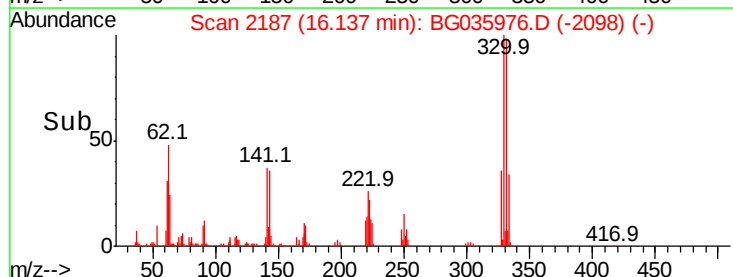
141 40.0 25.2 37.8#

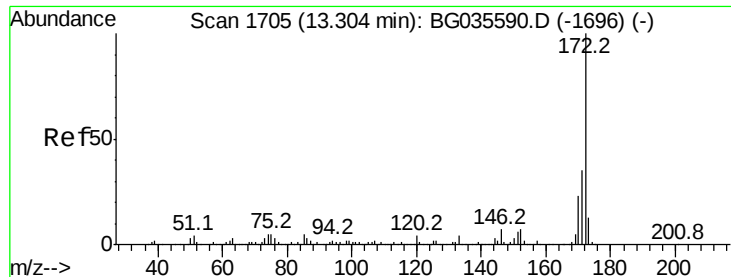


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

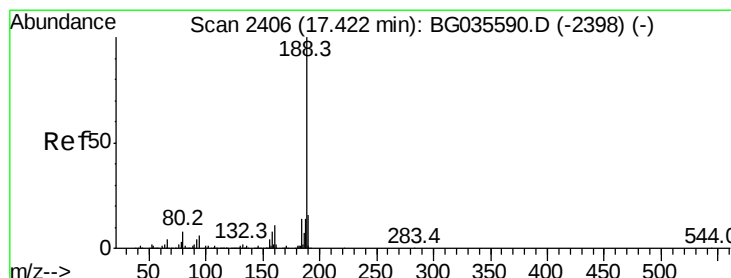
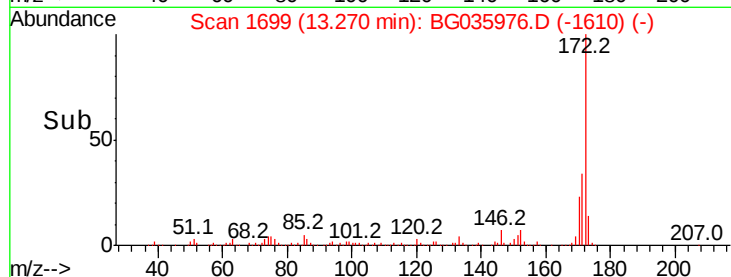
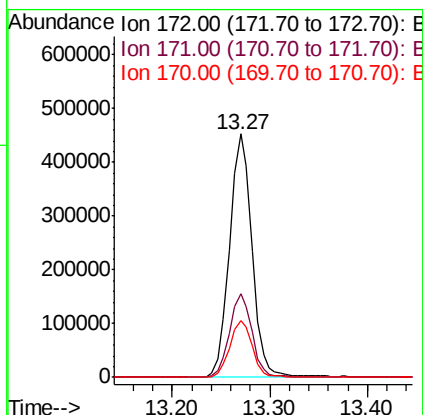
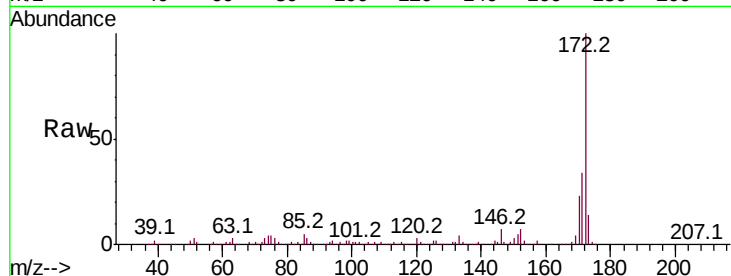




#44
2-Fluorobiphenyl
Concen: 92.759 ng
RT: 13.27 min Scan# 1699
Delta R.T. -0.01 min
Lab File: BG035976.D
Acq: 30 Jul 2018 15:02

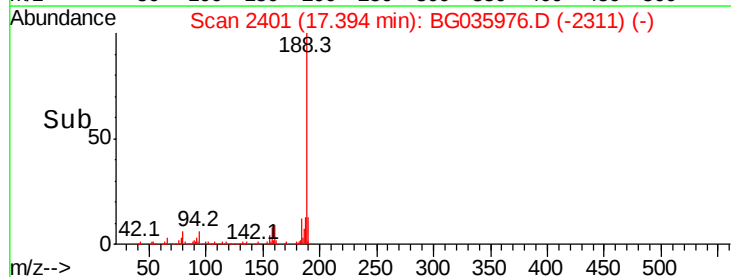
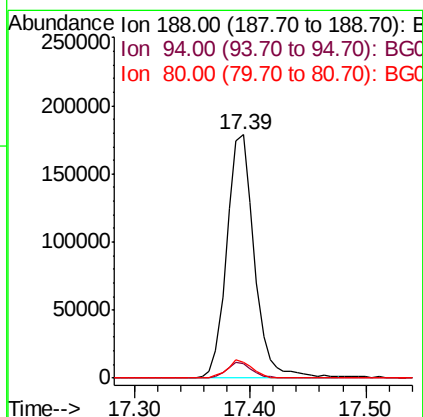
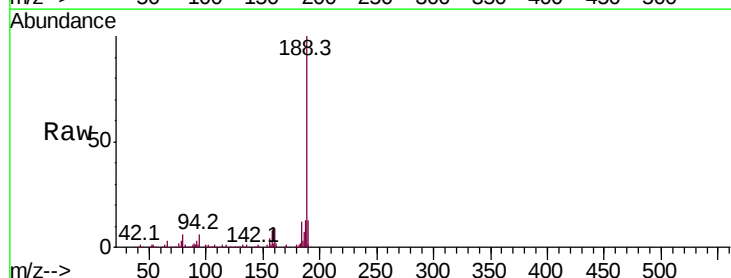
Instrument :
BNA_G
ClientSampleId :
072518-DBRI-E-D-S

Tot Ion:172 Resp: 725102
Ion Ratio Lower Upper
172 100
171 34.3 30.0 45.0
170 23.2 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: BG035976.D
Acq: 30 Jul 2018 15:02

Tgt Ion:188 Resp: 295338
Ion Ratio Lower Upper
188 100
94 5.8 6.9 10.3#
80 6.5 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: BG035976.D

Acq: 30 Jul 2018 15:02

Instrument :

BNA_G

ClientSampleId :

072518-DBRI-E-D-S

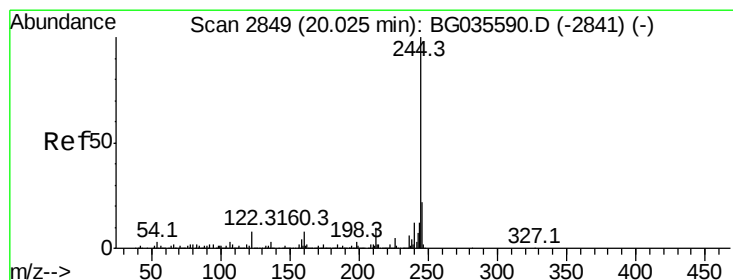
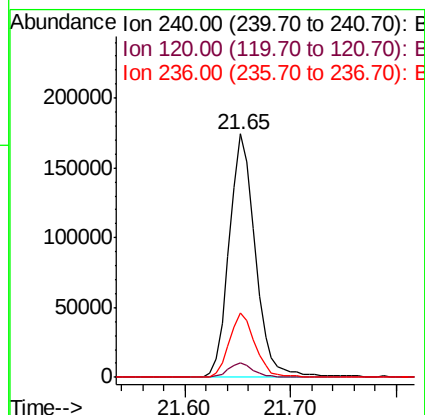
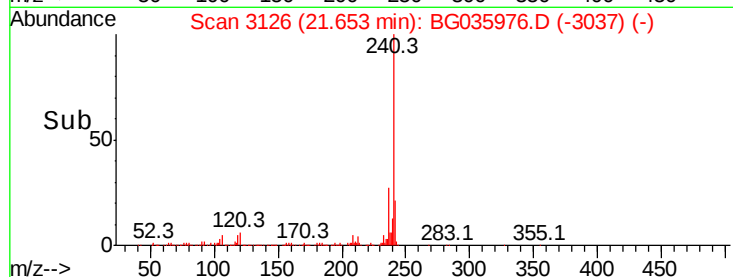
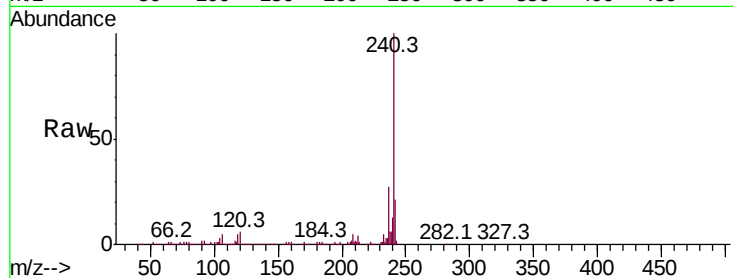
Tot Ion:240 Resp: 297822

Ion Ratio Lower Upper

240 100

120 5.8 6.8 10.2#

236 26.7 20.9 31.3



#78

Terphenyl-d14

Concen: 88.800 ng

RT: 20.00 min Scan# 2844

Delta R.T. -0.01 min

Lab File: BG035976.D

Acq: 30 Jul 2018 15:02

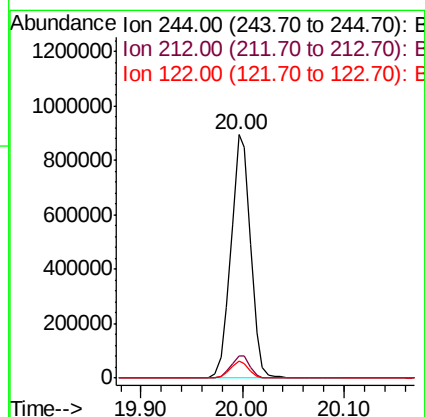
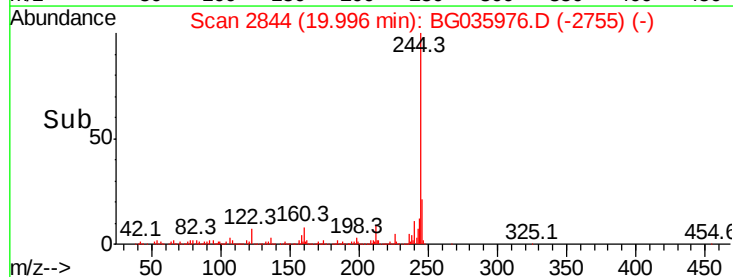
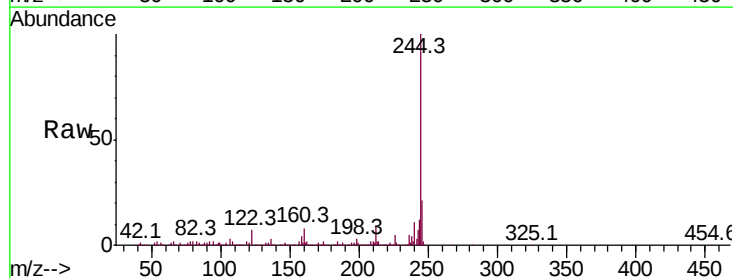
Tgt Ion:244 Resp: 1199777

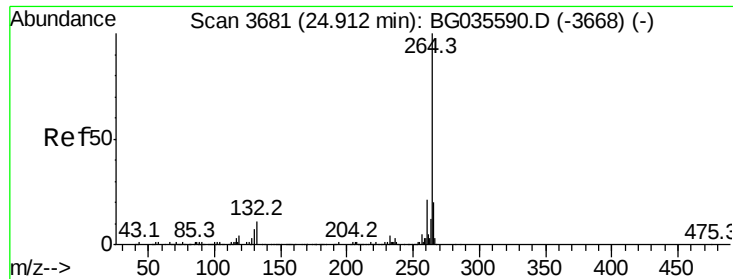
Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

122 6.9 7.0 10.4#





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.85 min Scan# 3670
 Delta R.T. -0.01 min
 Lab File: BG035976.D
 Acq: 30 Jul 2018 15:02

Instrument :
 BNA_G
 ClientSampleId :
 072518-DBRI-E-D-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.2	17.4	26.0
265	20.4	17.7	26.5

