

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063018\
 Data File : BG035536.D
 Acq On : 30 Jun 2018 10:59
 Operator : JU/SJ
 Sample : J3757-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 062618-DBRI-F-D-S

Quant Time: Jul 02 02:22:36 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

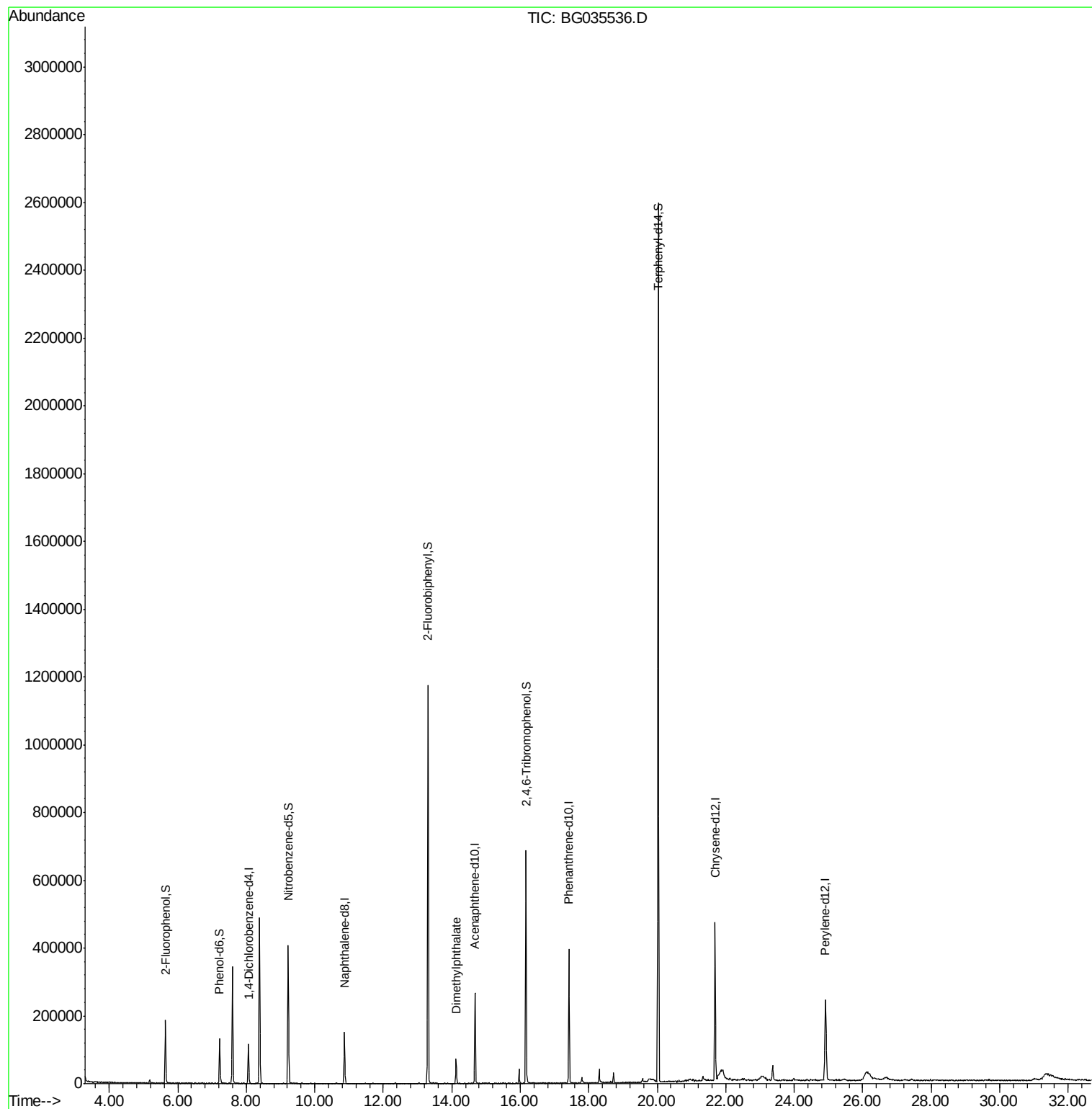
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	33274	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	126278	20.00	ng	-0.02
38) Acenaphthene-d10	14.69	164	93588	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	266663	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	291894	20.00	ng	-0.03
86) Perylene-d12	24.91	264	269445	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	81417	41.29	ng	0.00
7) Phenol-d6	7.22	99	78989	27.14	ng	0.00
23) Nitrobenzene-d5	9.23	82	280284	105.51	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	134231	112.04	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	680802	94.57	ng	-0.02
78) Terphenyl-d14	20.03	244	1243363	89.23	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	14.13	163	48164	5.902	ng	99

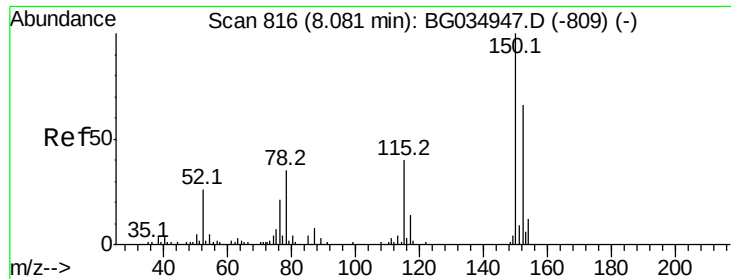
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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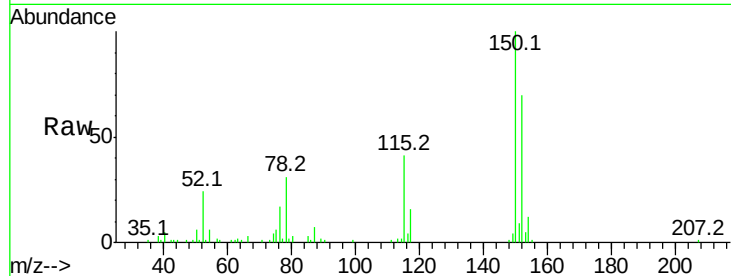


#1

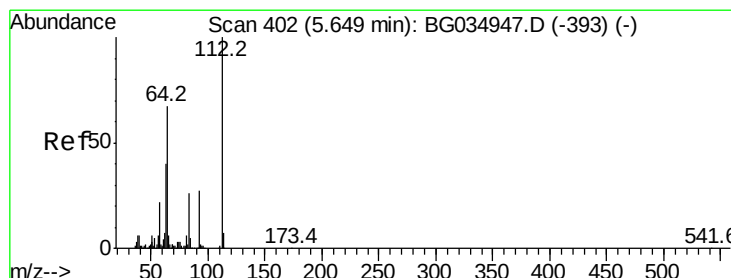
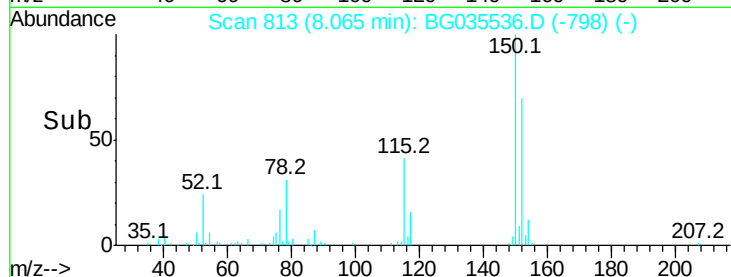
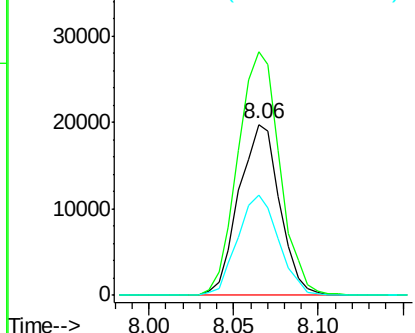
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035536.D
Acq: 30 Jun 2018 10:59

Instrument :
BNA_G
ClientSampleId :
062618-DBRI-F-D-S

Tot Ion:152 Resp: 33274
Ion Ratio Lower Upper
152 100
150 142.5 126.6 189.8
115 58.4 53.0 79.4



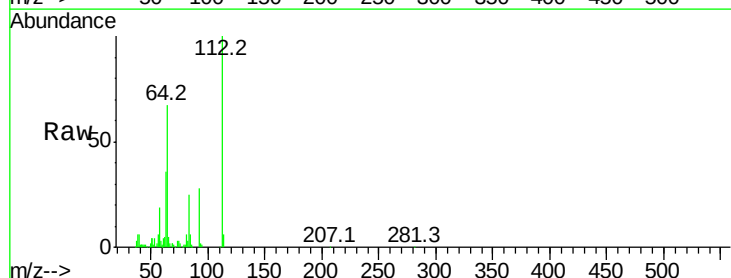
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



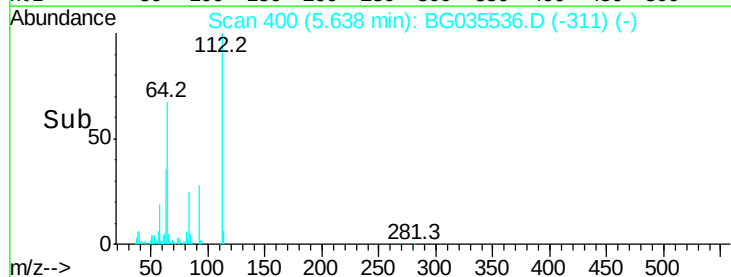
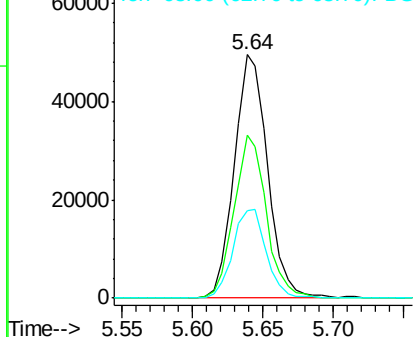
#5

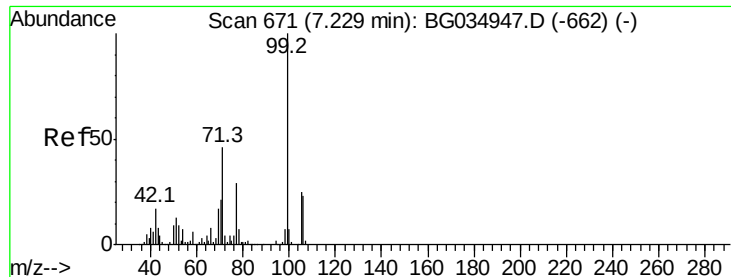
2-Fluorophenol
Concen: 41.293 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG035536.D
Acq: 30 Jun 2018 10:59

Tgt Ion:112 Resp: 81417
Ion Ratio Lower Upper
112 100
64 66.8 56.3 84.5
63 36.2 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 27.143 ng

RT: 7.22 min Scan# 670

Delta R.T. 0.00 min

Lab File: BG035536.D

Acq: 30 Jun 2018 10:59

Instrument :

BNA_G

ClientSampleId :

062618-DBRI-F-D-S

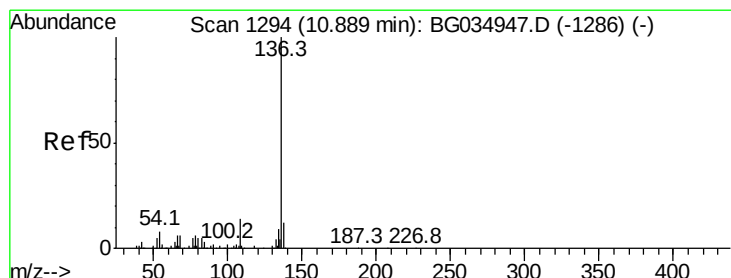
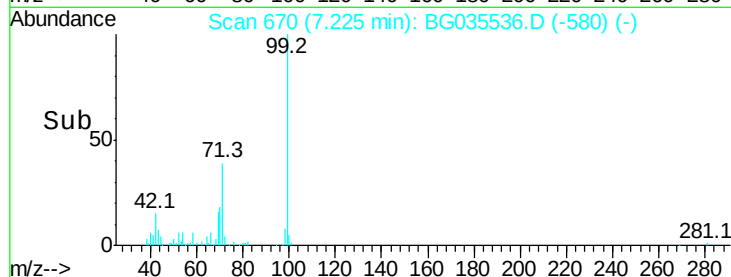
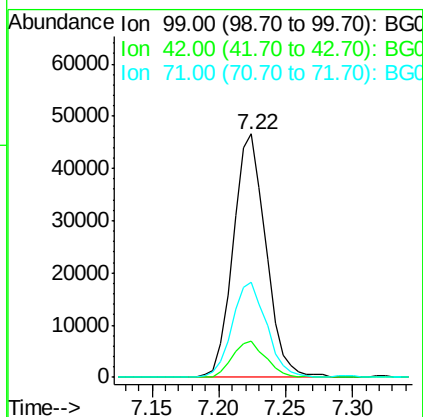
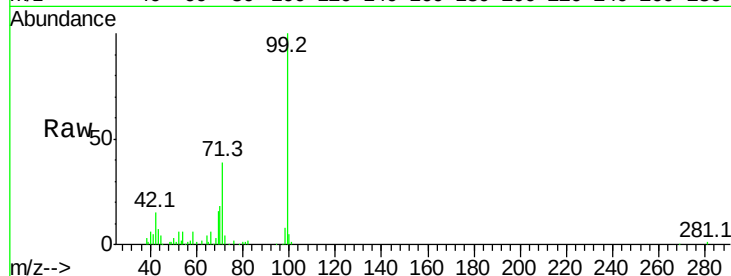
Tot Ion: 99 Resp: 78989

Ion Ratio Lower Upper

99 100

42 15.1 14.1 21.1

71 39.1 26.1 39.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BG035536.D

Acq: 30 Jun 2018 10:59

Tgt Ion: 136 Resp: 126278

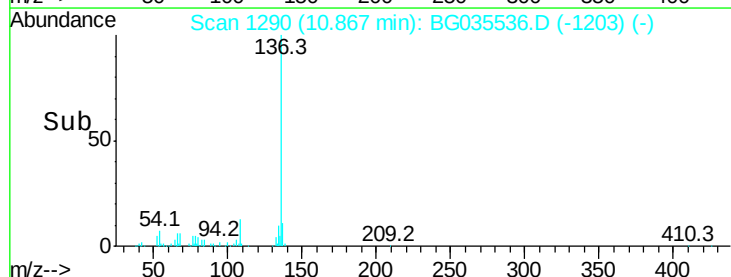
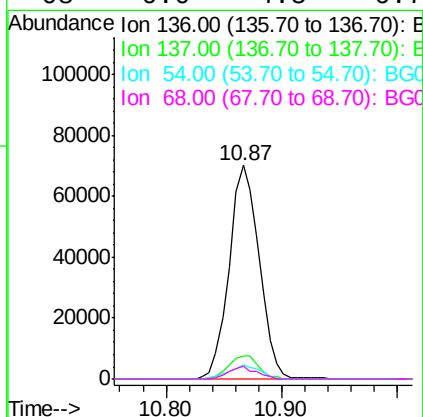
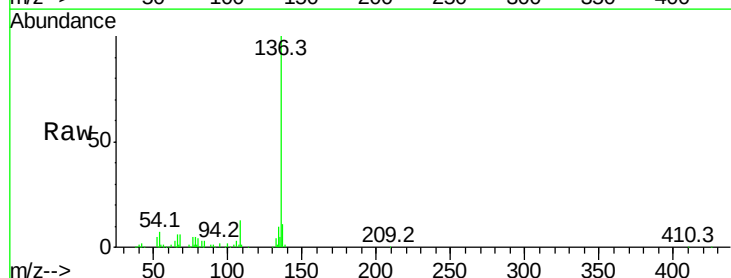
Ion Ratio Lower Upper

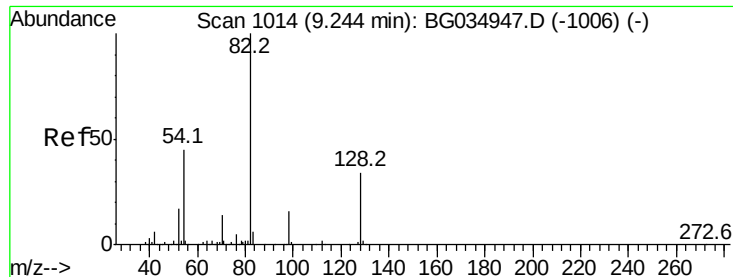
136 100

137 10.6 9.2 13.8

54 6.8 10.3 15.5#

68 6.0 4.5 6.7





#23

Nitrobenzene-d5

Concen: 105.506 ng

RT: 9.23 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BG035536.D

Acq: 30 Jun 2018 10:59

Instrument :

BNA_G

ClientSampleId :

062618-DBRI-F-D-S

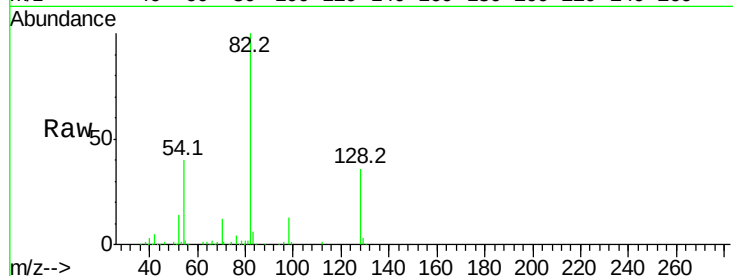
Tot Ion: 82 Resp: 280284

Ion Ratio Lower Upper

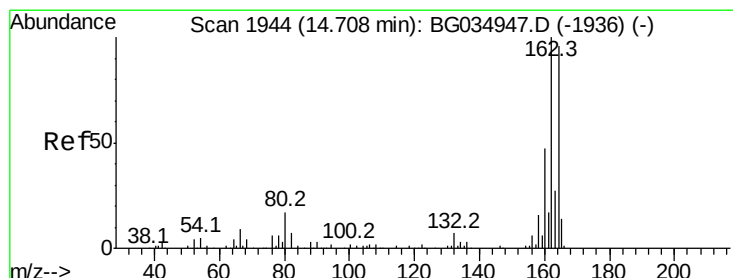
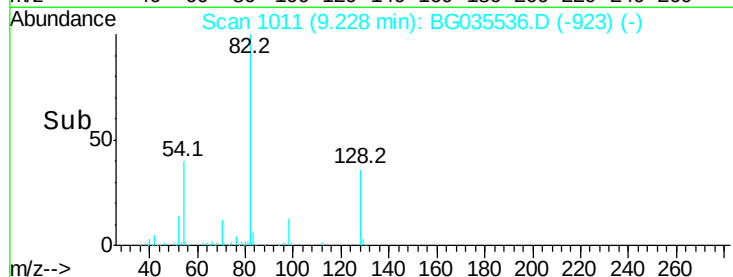
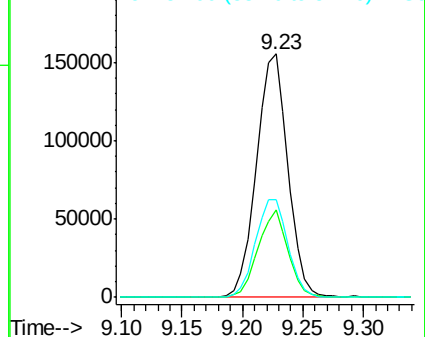
82 100

128 36.1 29.7 44.5

54 40.2 43.1 64.7#



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BG035536.D

Acq: 30 Jun 2018 10:59

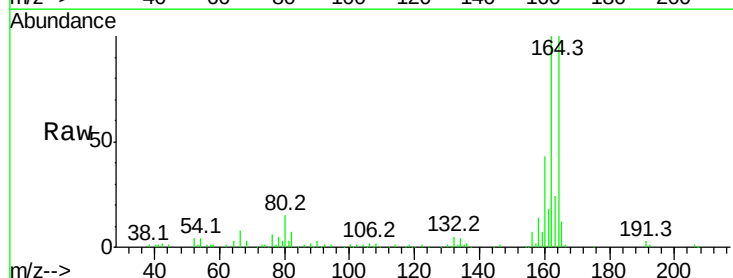
Tgt Ion: 164 Resp: 93588

Ion Ratio Lower Upper

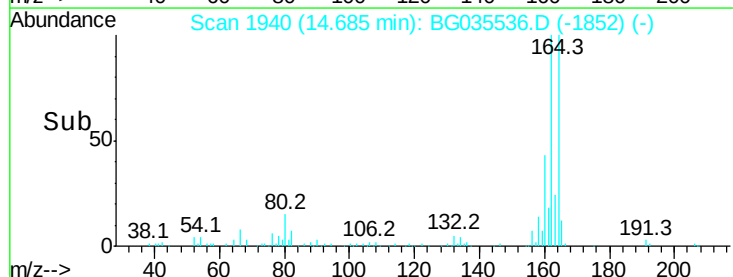
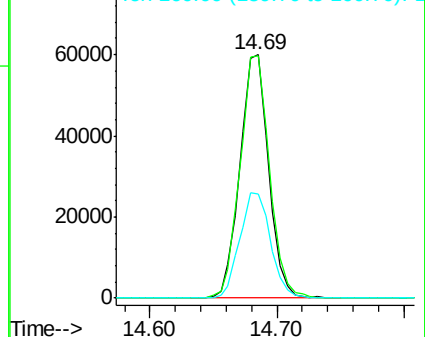
164 100

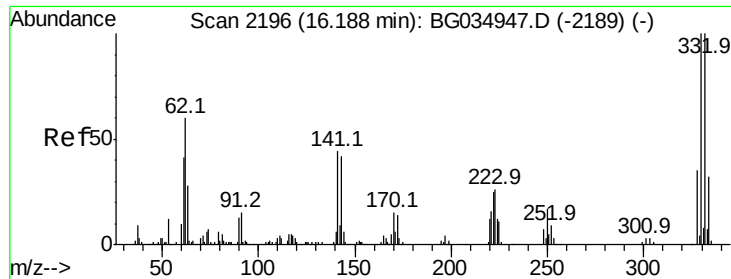
162 99.5 78.8 118.2

160 42.6 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC





#41

2,4,6-Tribromophenol

Concen: 112.042 ng

RT: 16.17 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BG035536.D

Acq: 30 Jun 2018 10:59

Instrument :

BNA_G

ClientSampleId :

062618-DBRI-F-D-S

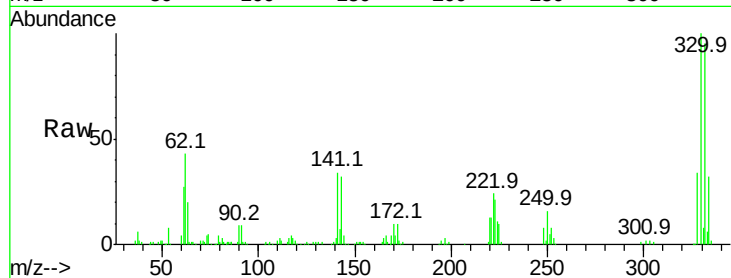
Tot Ion:330 Resp: 134231

Ion Ratio Lower Upper

330 100

332 96.0 77.0 115.6

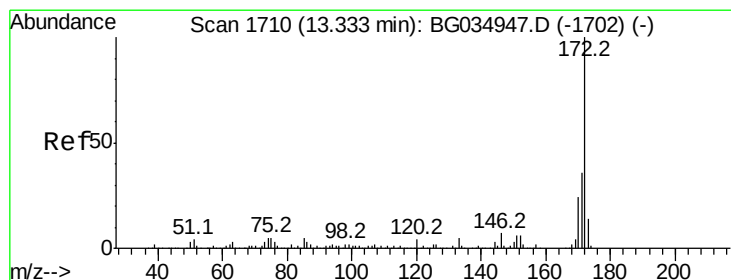
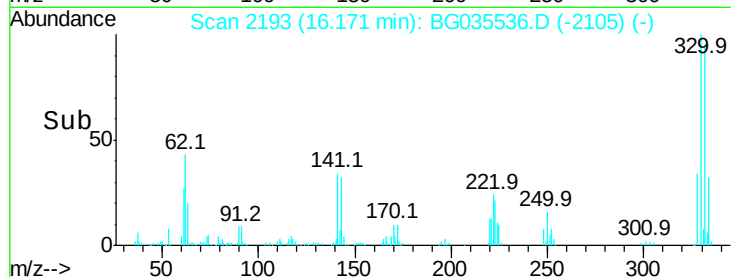
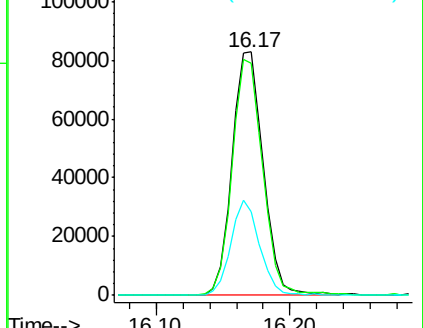
141 36.4 25.2 37.8



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: 94.568 ng

RT: 13.31 min Scan# 1706

Delta R.T. -0.02 min

Lab File: BG035536.D

Acq: 30 Jun 2018 10:59

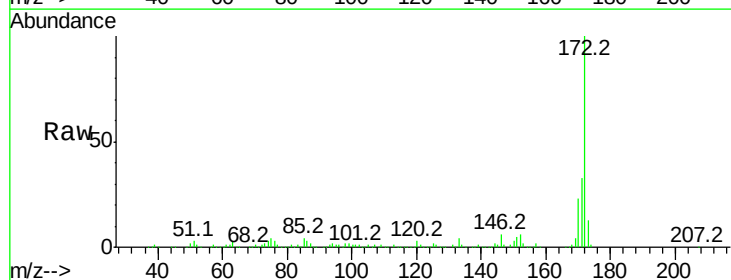
Tgt Ion:172 Resp: 680802

Ion Ratio Lower Upper

172 100

171 33.2 30.0 45.0

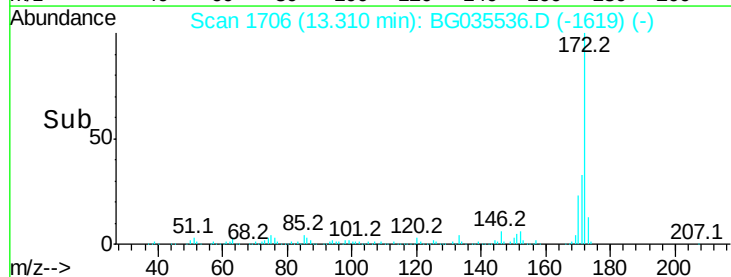
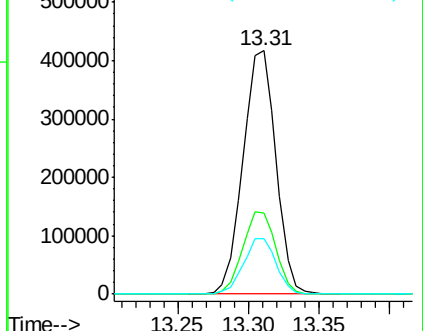
170 22.7 19.5 29.3

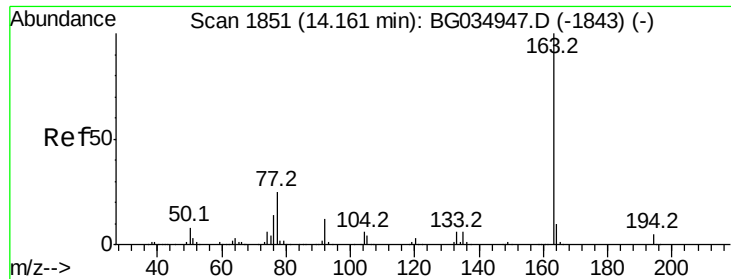


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 5.902 ng

RT: 14.13 min Scan# 1845

Delta R.T. -0.03 min

Lab File: BG035536.D

Acq: 30 Jun 2018 10:59

Instrument :

BNA_G

ClientSampleId :

062618-DBRI-F-D-S

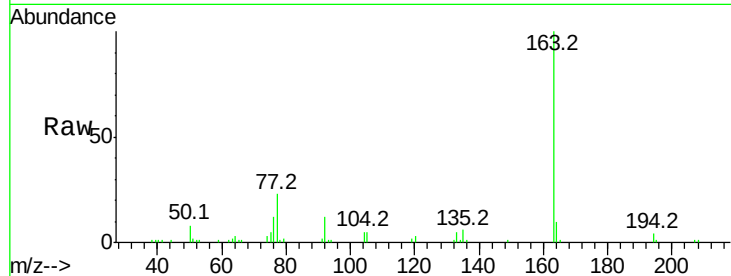
Tot Ion:163 Resp: 48164

Ion Ratio Lower Upper

163 100

194 3.5 3.4 5.2

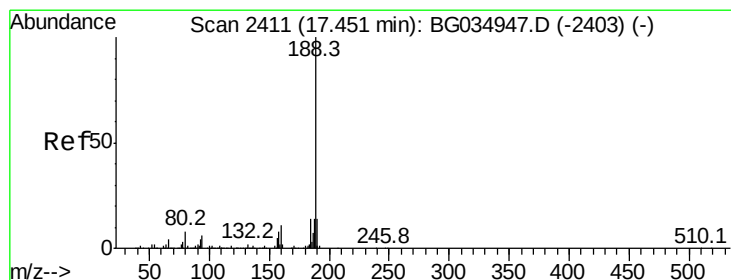
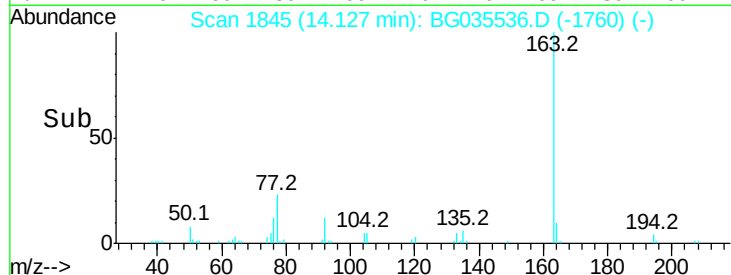
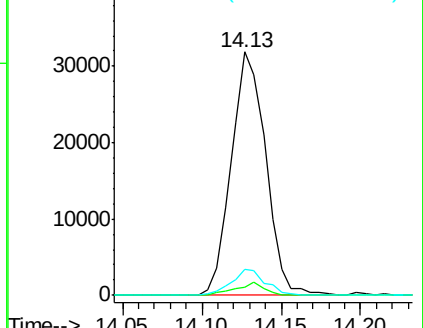
164 10.5 8.2 12.4



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: 17.42 min Scan# 2406

Delta R.T. -0.02 min

Lab File: BG035536.D

Acq: 30 Jun 2018 10:59

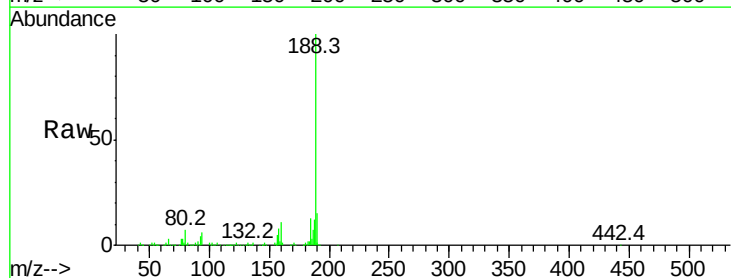
Tgt Ion:188 Resp: 266663

Ion Ratio Lower Upper

188 100

94 5.9 6.9 10.3#

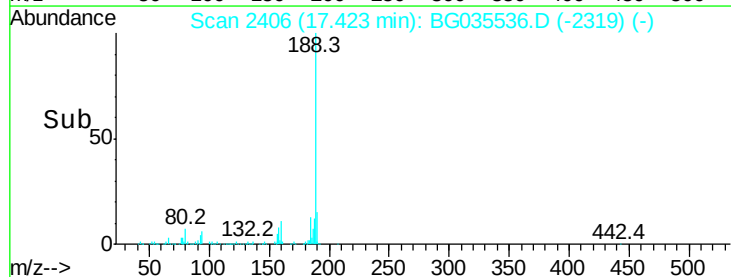
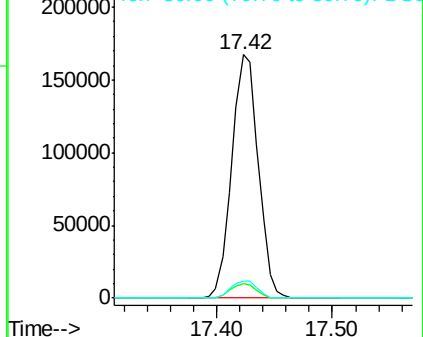
80 7.0 7.7 11.5#

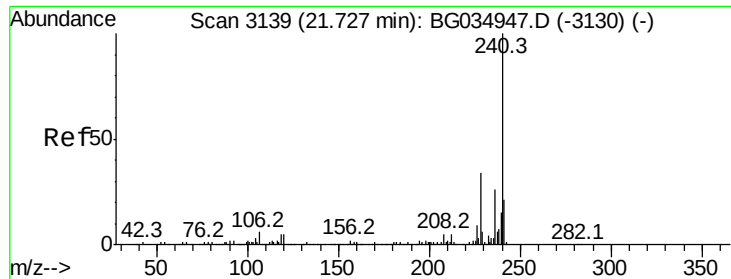


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.69 min Scan# 3132

Delta R.T. -0.03 min

Lab File: BG035536.D

Acq: 30 Jun 2018 10:59

Instrument :

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ClientSampleId :

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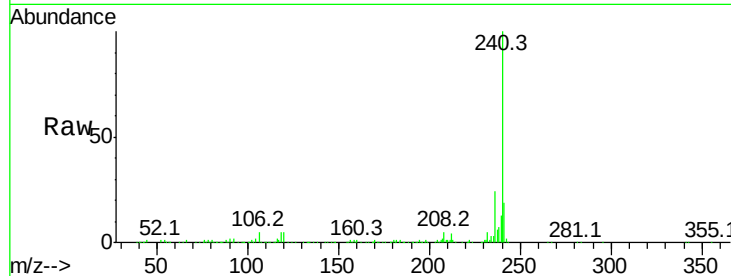
Tot Ion:240 Resp: 291894

Ion Ratio Lower Upper

240 100

120 4.9 6.8 10.2#

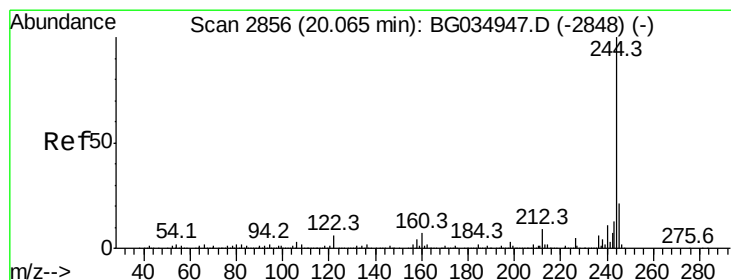
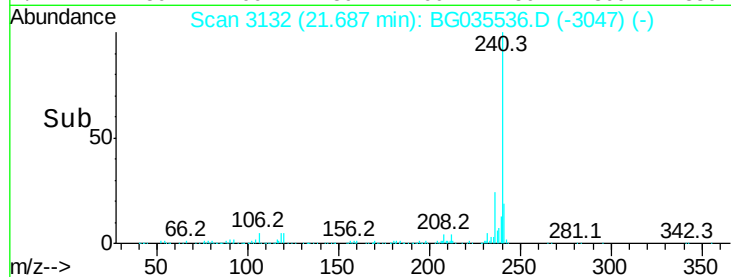
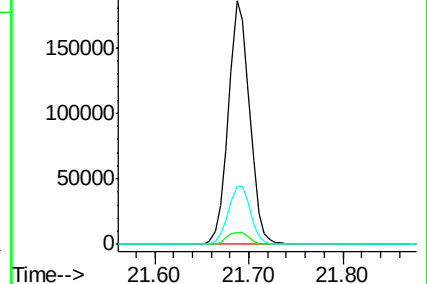
236 23.8 20.9 31.3



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: 89.226 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035536.D

Acq: 30 Jun 2018 10:59

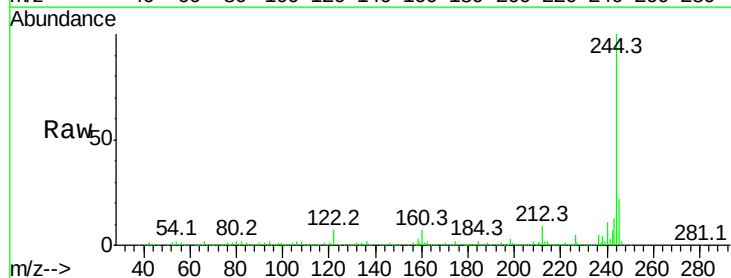
Tgt Ion:244 Resp: 1243363

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

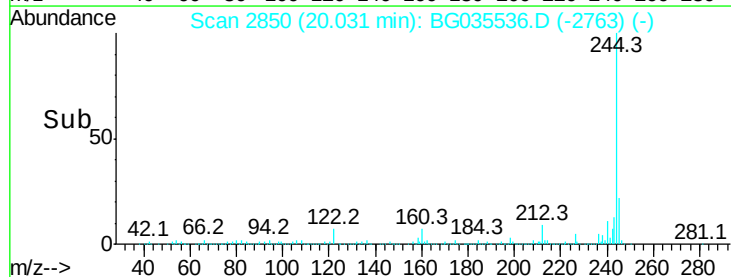
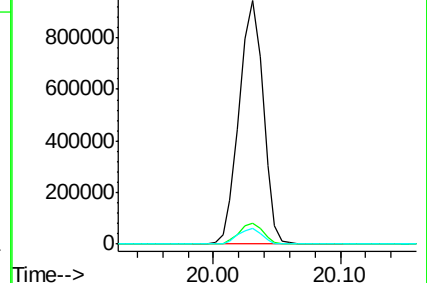
122 6.5 7.0 10.4#

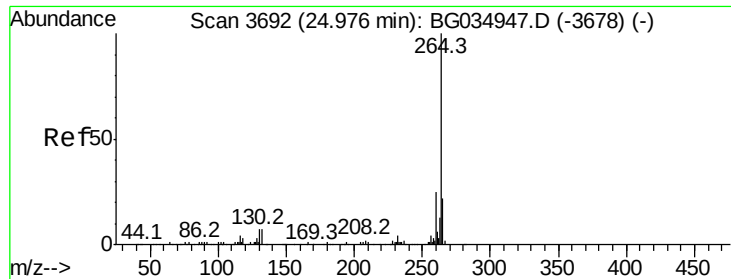


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

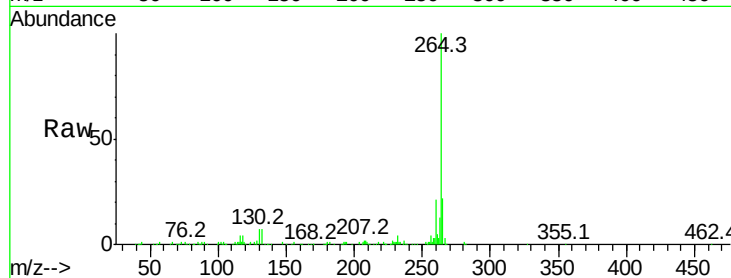




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.91 min Scan# 3681
 Delta R.T. -0.04 min
 Lab File: BG035536.D
 Acq: 30 Jun 2018 10:59

Instrument :
 BNA_G
 ClientSampleId :
 062618-DBRI-F-D-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.3	17.4	26.0
265	21.9	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

