

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080718\
 Data File : BG036173.D
 Acq On : 7 Aug 2018 22:20
 Operator : JU/SJ
 Sample : J4330-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 073018-DBRI-E-U-B

Quant Time: Aug 08 02:08:00 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 12:30:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	27329	20.00	ng	-0.01
21) Naphthalene-d8	10.81	136	93274	20.00	ng	-0.02
38) Acenaphthene-d10	14.64	164	67769	20.00	ng	-0.01
63) Phenanthrene-d10	17.38	188	198208	20.00	ng	-0.01
75) Chrysene-d12	21.64	240	223445	20.00	ng	-0.02
86) Perylene-d12	24.82	264	208242	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	67816	41.20	ng	0.00
7) Phenol-d6	7.18	99	58837	23.96	ng	-0.01
23) Nitrobenzene-d5	9.17	82	218964	98.07	ng	-0.01
41) 2,4,6-Tribromophenol	16.12	330	100706	112.74	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	483681	95.62	ng	-0.02
78) Terphenyl-d14	19.99	244	982916	96.97	ng	-0.01

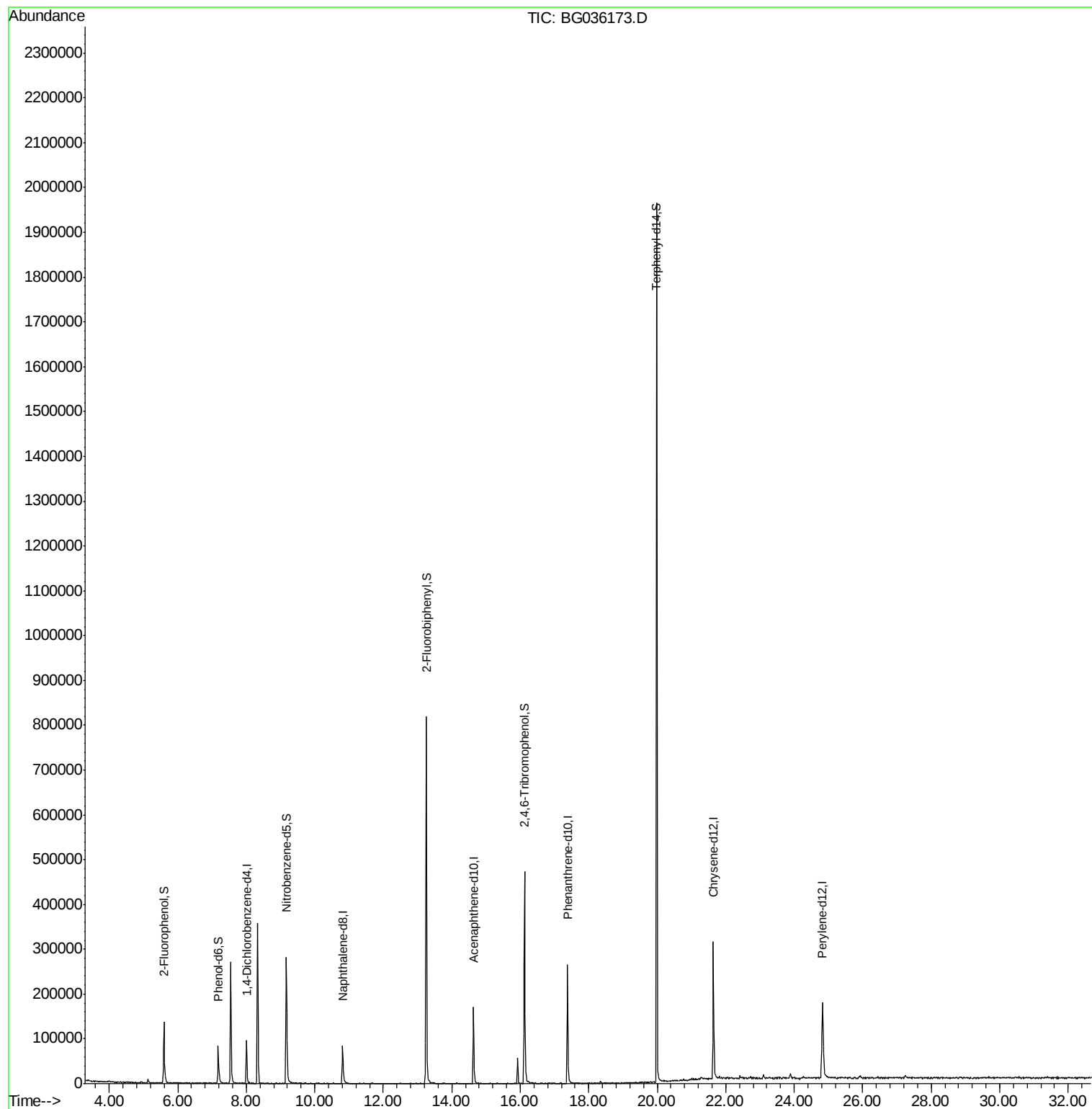
Target Compounds Qvalue

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

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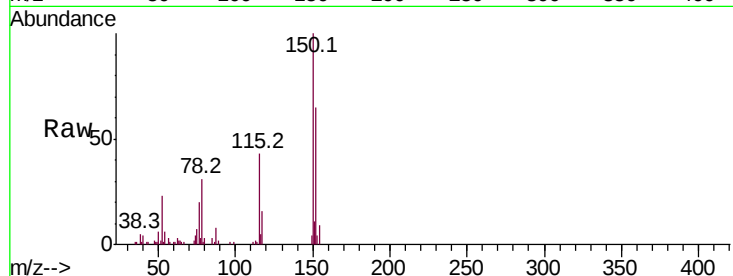


#1

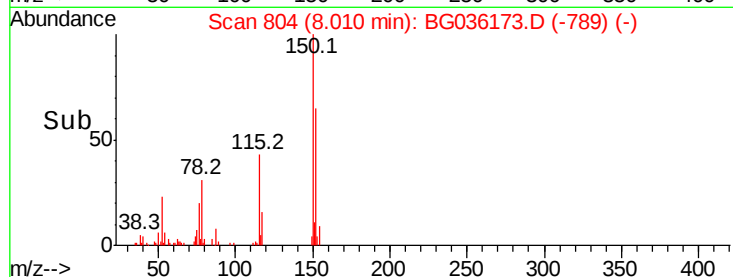
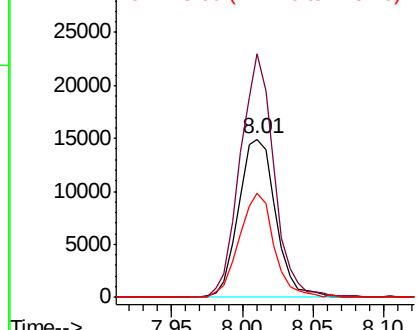
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 804
Delta R.T. -0.01 min
Lab File: BG036173.D
Acq: 7 Aug 2018 22:20

Instrument :
BNA_G
ClientSampleId :
073018-DBRI-E-U-B

Tot Ion:152 Resp: 27329
Ion Ratio Lower Upper
152 100
150 153.7 126.6 189.8
115 65.4 53.0 79.4



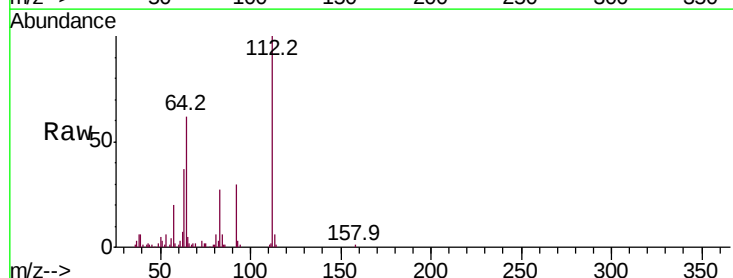
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



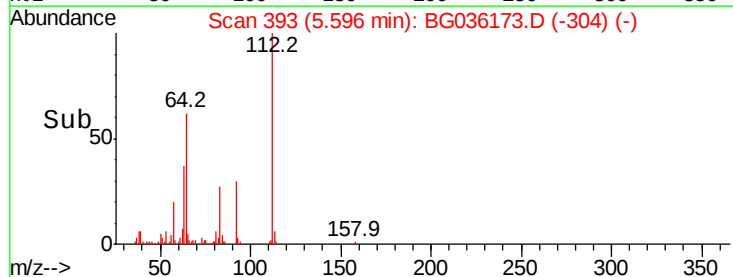
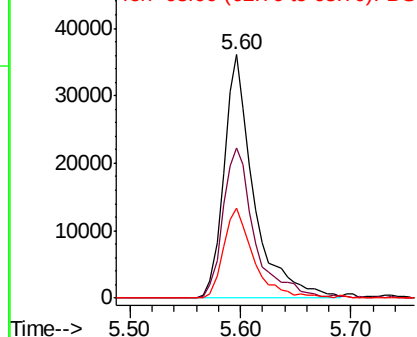
#5

2-Fluorophenol
Concen: 41.198 ng
RT: 5.60 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG036173.D
Acq: 7 Aug 2018 22:20

Tgt Ion:112 Resp: 67816
Ion Ratio Lower Upper
112 100
64 61.5 56.3 84.5
63 36.7 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: 23.957 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036173.D

Acq: 7 Aug 2018 22:20

Instrument :

BNA_G

ClientSampleId :

073018-DBRI-E-U-B

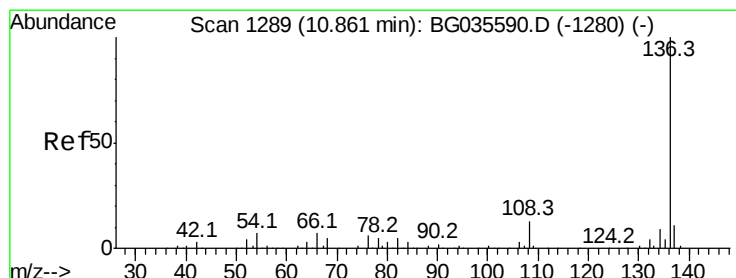
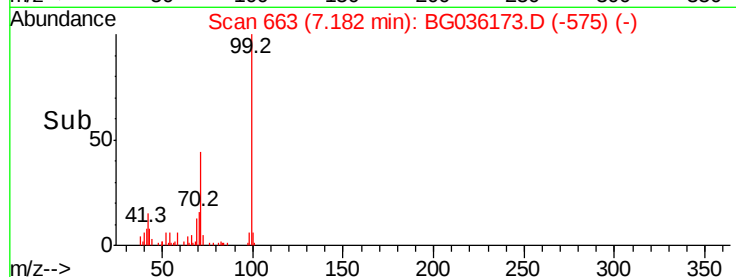
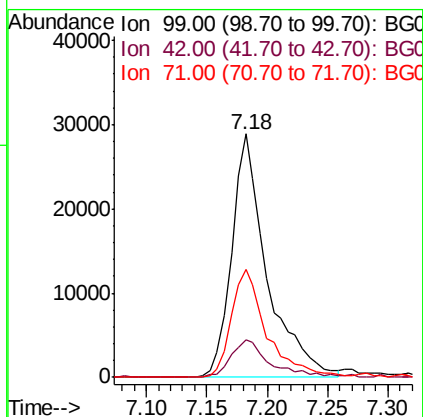
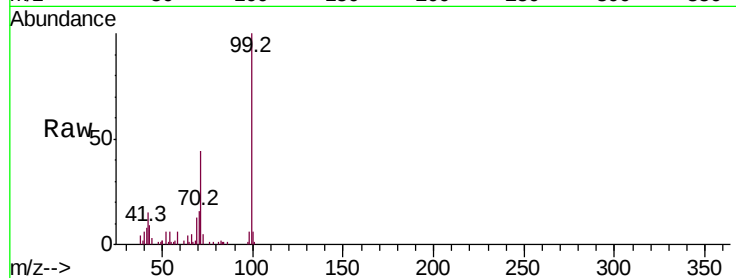
Tot Ion: 99 Resp: 58837

Ion Ratio Lower Upper

99 100

42 15.4 14.1 21.1

71 44.2 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.81 min Scan# 1281

Delta R.T. -0.02 min

Lab File: BG036173.D

Acq: 7 Aug 2018 22:20

Tgt Ion:136 Resp: 93274

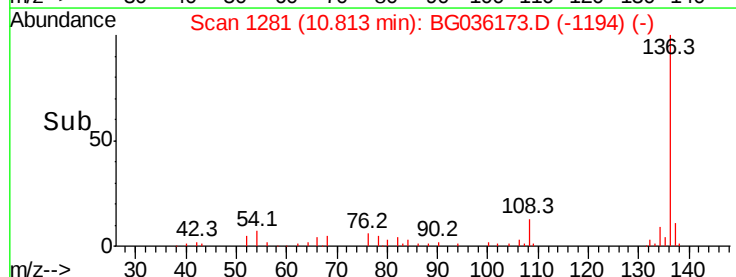
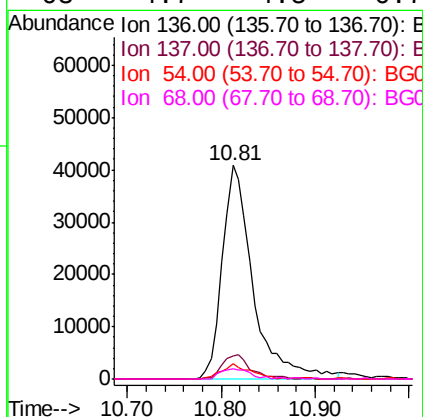
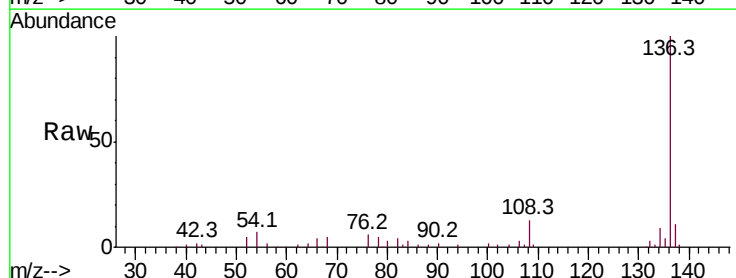
Ion Ratio Lower Upper

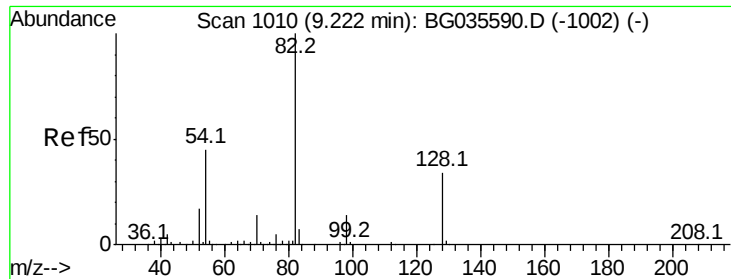
136 100

137 10.6 9.2 13.8

54 7.3 10.3 15.5#

68 4.7 4.5 6.7

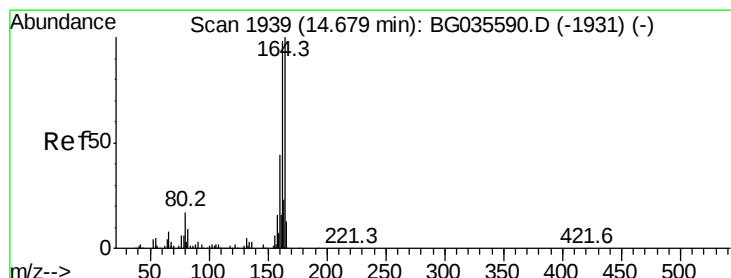
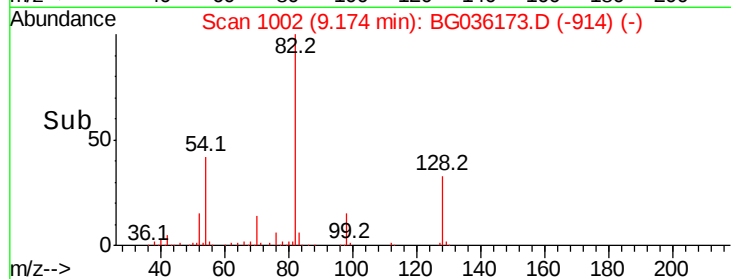
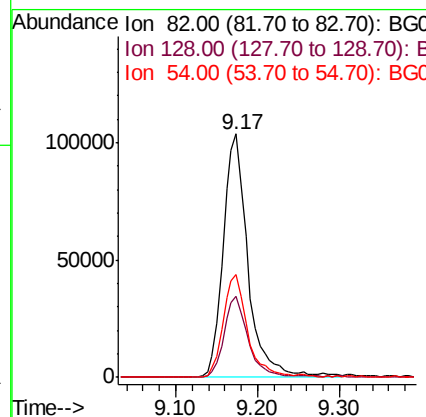
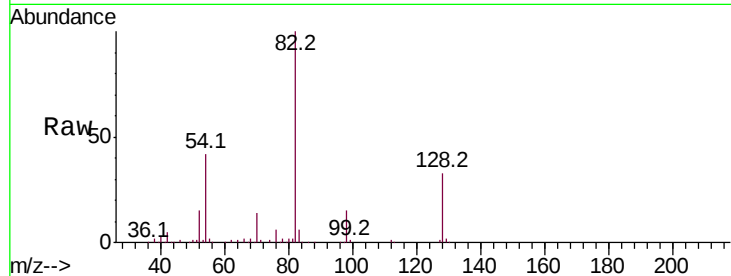




#23
 Nitrobenzene-d5
 Concen: 98.068 ng
 RT: 9.17 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BG036173.D
 Acq: 7 Aug 2018 22:20

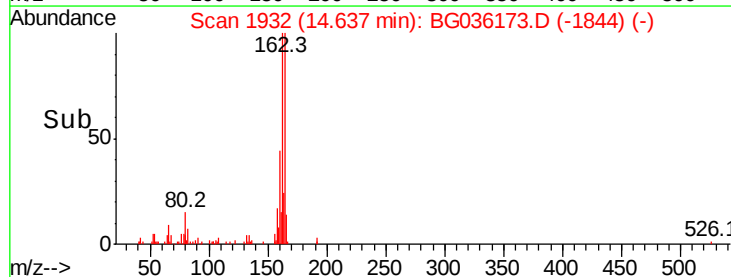
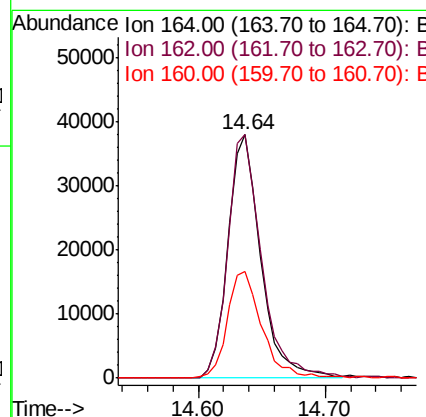
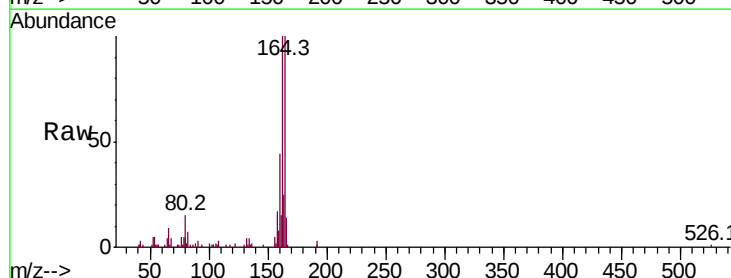
Instrument :
 BNA_G
 ClientSampleId :
 073018-DBRI-E-U-B

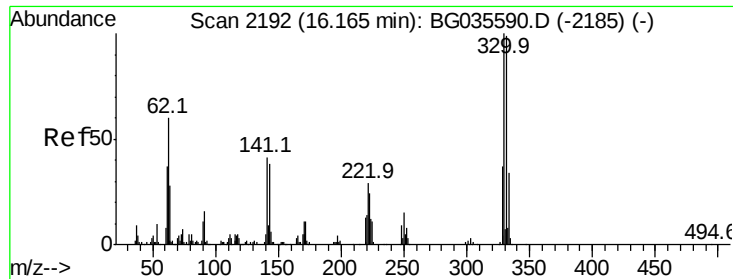
Tot Ion	82	Resp	218964
Ion	Ratio	Lower	Upper
82	100		
128	33.1	29.7	44.5
54	42.1	43.1	64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.64 min Scan# 1932
 Delta R.T. -0.01 min
 Lab File: BG036173.D
 Acq: 7 Aug 2018 22:20

Tgt Ion	164	Resp	67769
Ion	Ratio	Lower	Upper
164	100		
162	100.2	78.8	118.2
160	43.7	35.4	53.0

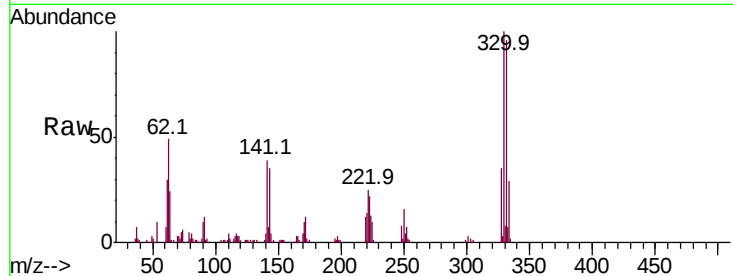




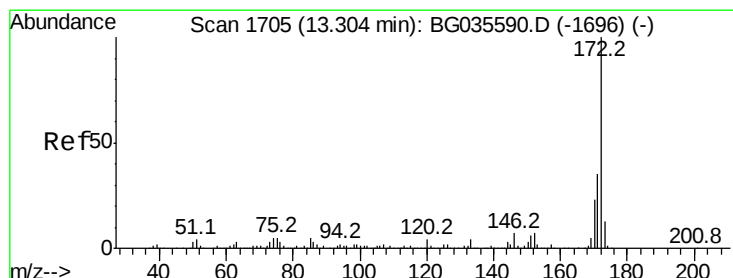
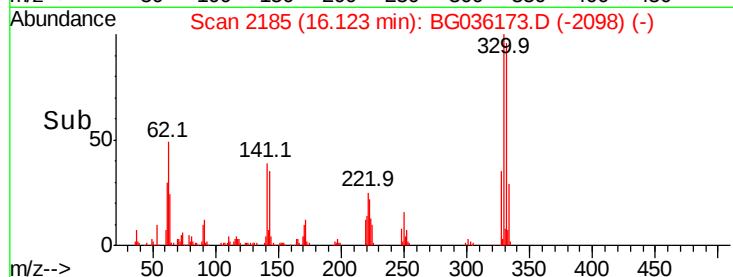
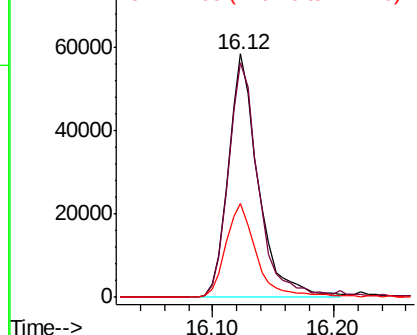
#41
2,4,6-Tribromophenol
Concen: 112.742 ng
RT: 16.12 min Scan# 2185
Delta R.T. -0.02 min
Lab File: BG036173.D
Acq: 7 Aug 2018 22:20

Instrument :
BNA_G
ClientSampleId :
073018-DBRI-E-U-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	39.2	25.2	37.8#

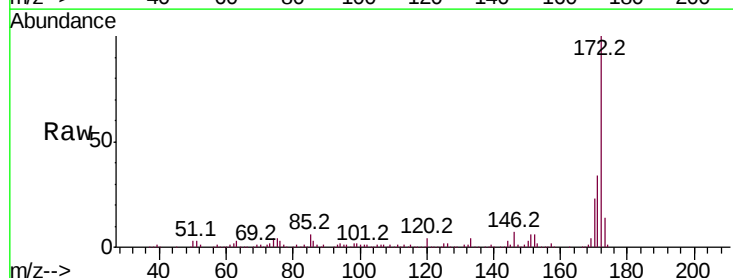


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

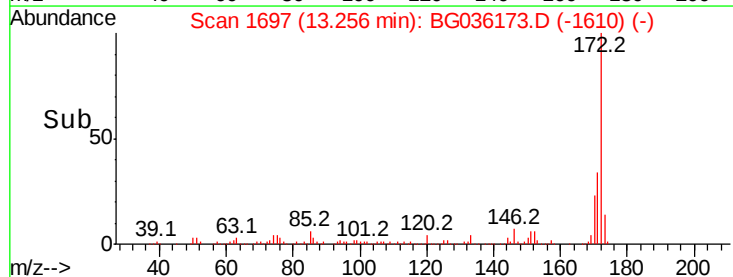
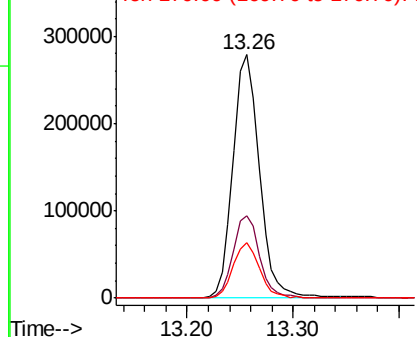


#44
2-Fluorobiphenyl
Concen: 95.620 ng
RT: 13.26 min Scan# 1697
Delta R.T. -0.02 min
Lab File: BG036173.D
Acq: 7 Aug 2018 22:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.9	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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.38 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BG036173.D

Acq: 7 Aug 2018 22:20

Instrument :

BNA_G

ClientSampleId :

073018-DBRI-E-U-B

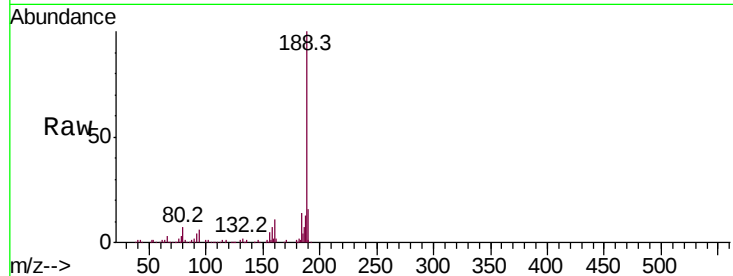
Tot Ion:188 Resp: 198208

Ion Ratio Lower Upper

188 100

94 6.0 6.9 10.3#

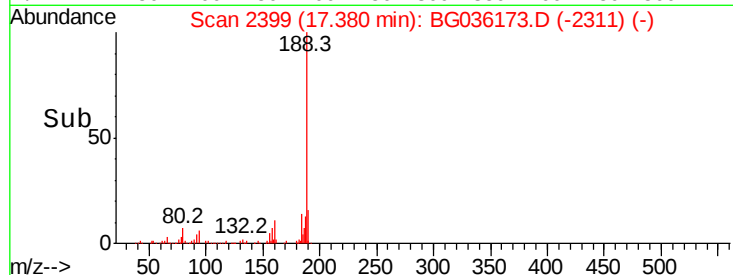
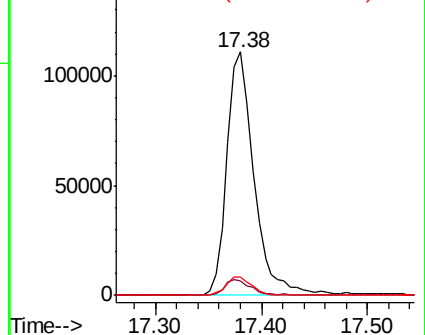
80 7.4 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3124

Delta R.T. -0.02 min

Lab File: BG036173.D

Acq: 7 Aug 2018 22:20

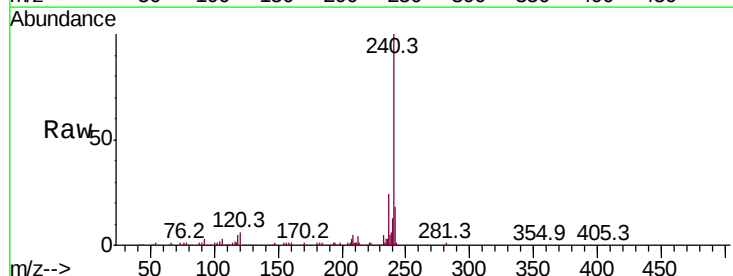
Tgt Ion:240 Resp: 223445

Ion Ratio Lower Upper

240 100

120 5.7 6.8 10.2#

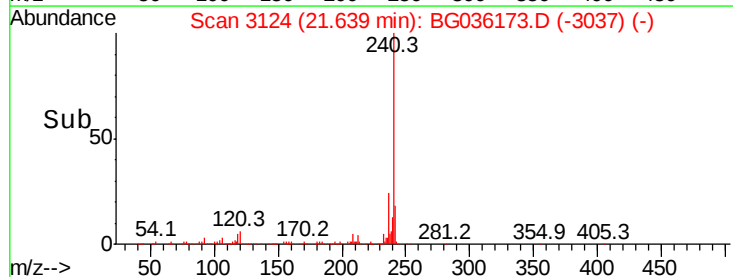
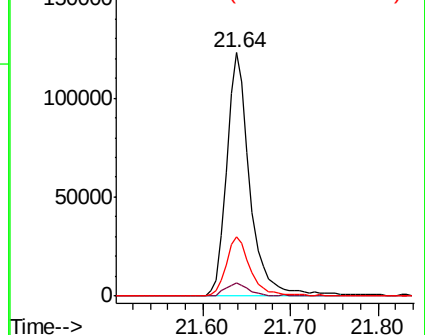
236 24.3 20.9 31.3



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: 96.965 ng

RT: 19.99 min Scan# 2843

Delta R.T. -0.01 min

Lab File: BG036173.D

Acq: 7 Aug 2018 22:20

Instrument :

BNA_G

ClientSampleId :

073018-DBRI-E-U-B

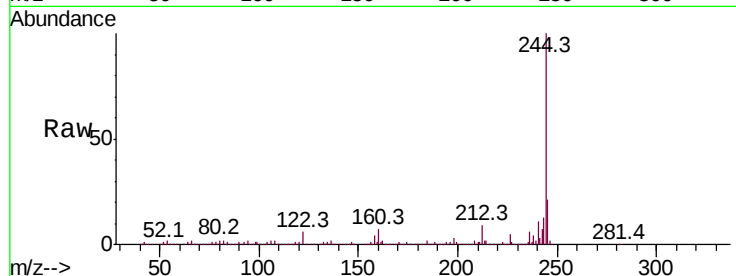
Tot Ion:244 Resp: 982916

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

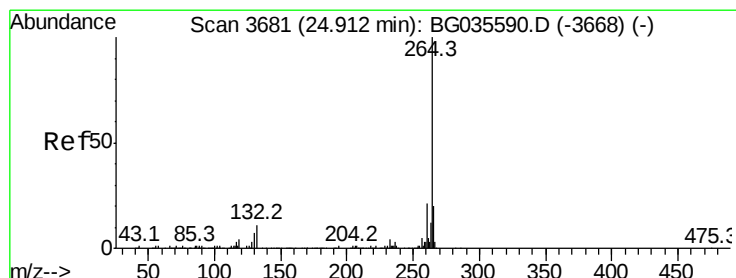
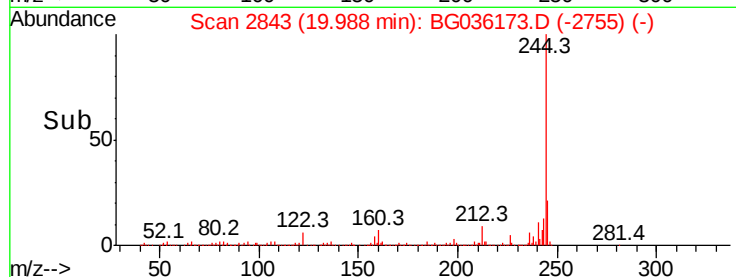
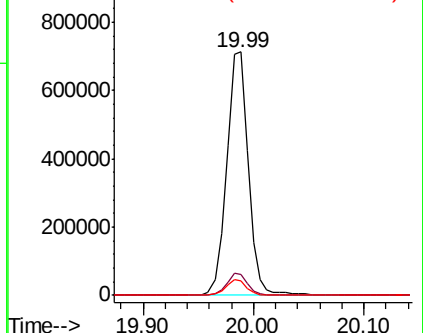
122 6.2 7.0 10.4#



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: 24.82 min Scan# 3666

Delta R.T. -0.04 min

Lab File: BG036173.D

Acq: 7 Aug 2018 22:20

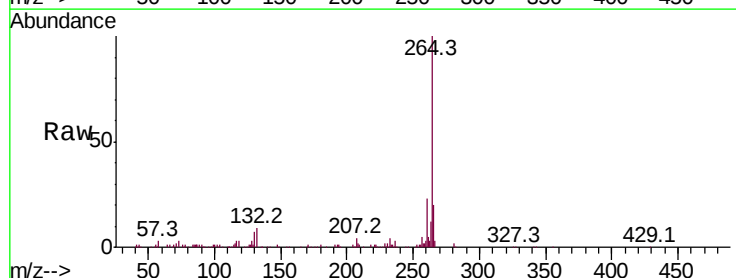
Tgt Ion:264 Resp: 208242

Ion Ratio Lower Upper

264 100

260 22.9 17.4 26.0

265 19.7 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

