

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121418\
 Data File : BG038595.D
 Acq On : 15 Dec 2018 8:56
 Operator : JU/SJ
 Sample : J6326-07
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 120618-DBRI-F-U-B

Quant Time: Dec 16 00:25:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

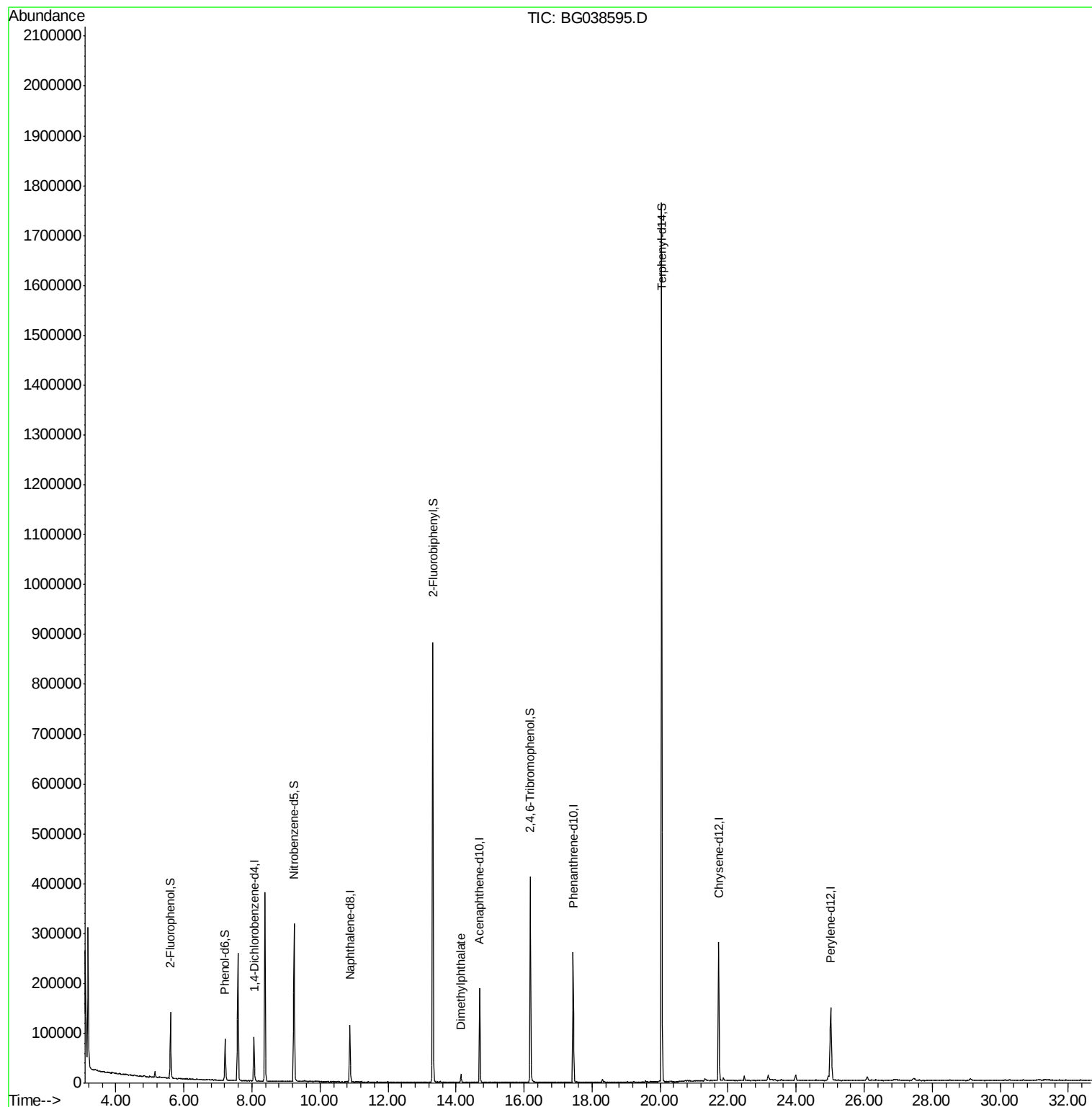
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	24293	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	103195	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	69161	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	172656	20.00	ng	0.00
76) Chrysene-d12	21.72	240	178182	20.00	ng	0.00
87) Perylene-d12	25.02	264	182617	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	57597	42.05	ng	0.00
7) Phenol-d6	7.21	99	48817	25.96	ng	0.00
23) Nitrobenzene-d5	9.23	82	194740	96.41	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	82860	86.93	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	477359	94.69	ng	0.00
79) Terphenyl-d14	20.05	244	825722	100.85	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.15	163	14160	2.507	ng	Qvalue # 96

(#) = 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# 846

Delta R.T. -0.00 min

Lab File: BG038595.D

Acq: 15 Dec 2018 8:56

Instrument :

BNA_G

ClientSampleId :

120618-DBRI-F-U-B

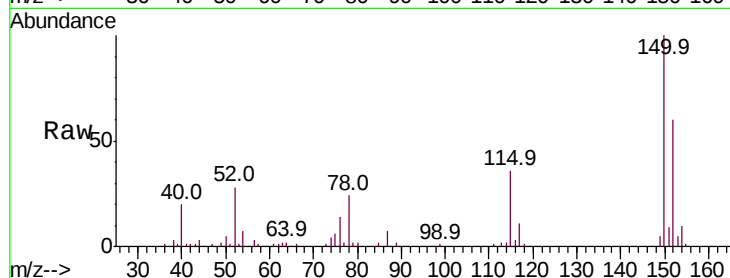
Tot Ion:152 Resp: 24293

Ion Ratio Lower Upper

152 100

150 168.0 119.5 179.3

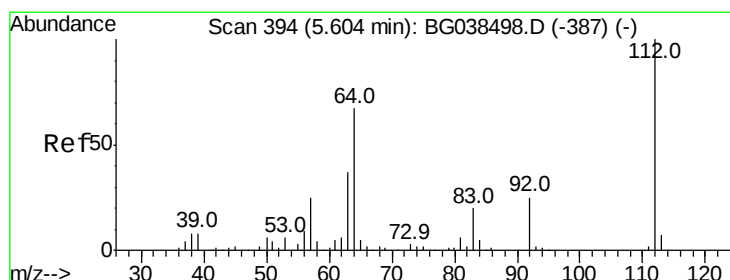
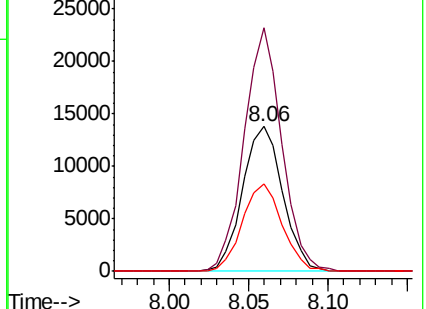
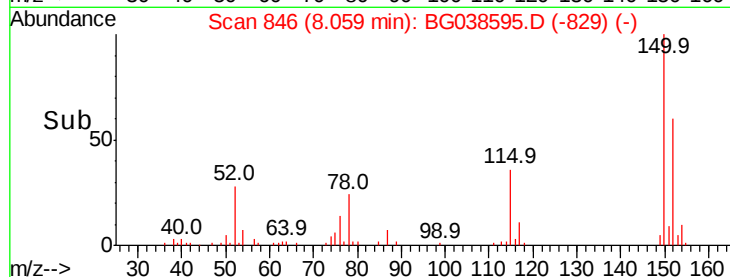
115 60.6 49.6 74.4



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: 42.052 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG038595.D

Acq: 15 Dec 2018 8:56

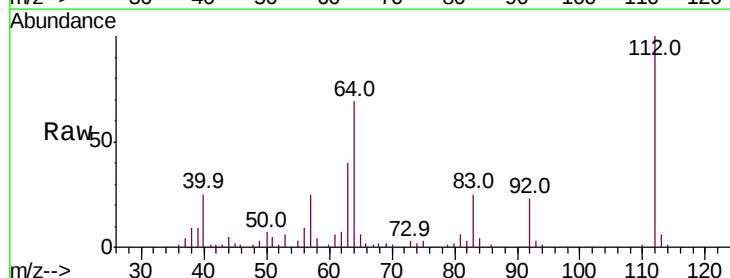
Tgt Ion:112 Resp: 57597

Ion Ratio Lower Upper

112 100

64 69.0 53.4 80.2

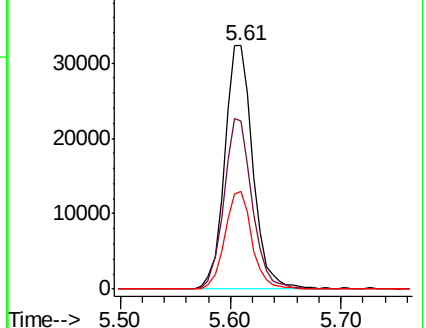
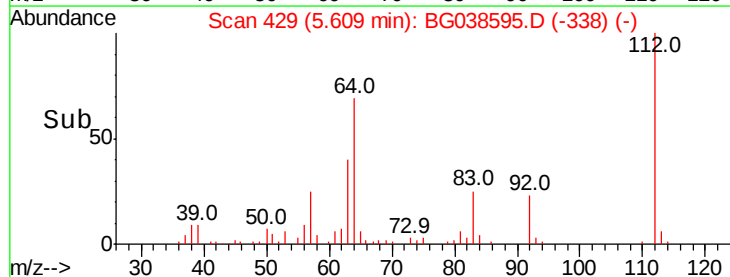
63 39.9 29.3 43.9



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: 25.963 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG038595.D

Acq: 15 Dec 2018 8:56

Instrument :

BNA_G

ClientSampleId :

120618-DBRI-F-U-B

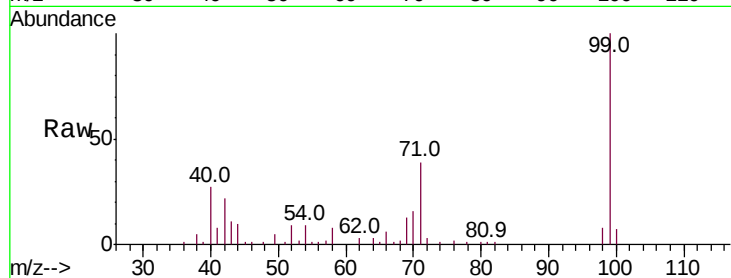
Tot Ion: 99 Resp: 48817

Ion Ratio Lower Upper

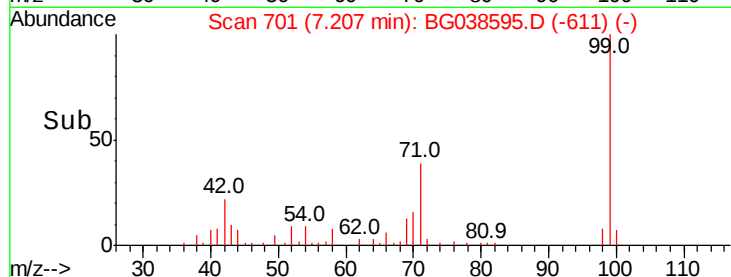
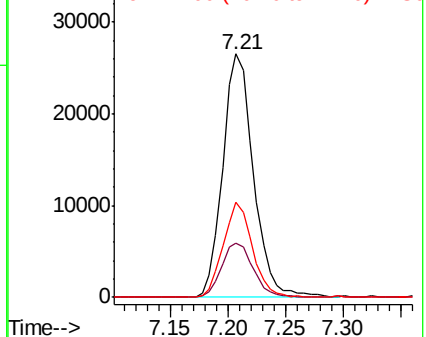
99 100

42 22.3 18.5 27.7

71 39.1 31.1 46.7



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.88 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BG038595.D

Acq: 15 Dec 2018 8:56

Tgt Ion: 136 Resp: 103195

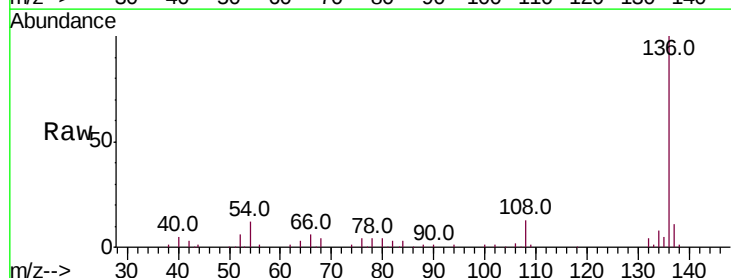
Ion Ratio Lower Upper

136 100

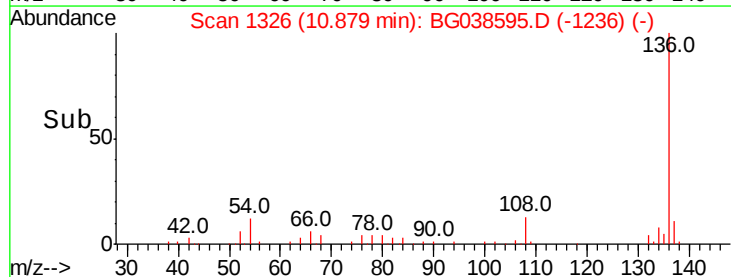
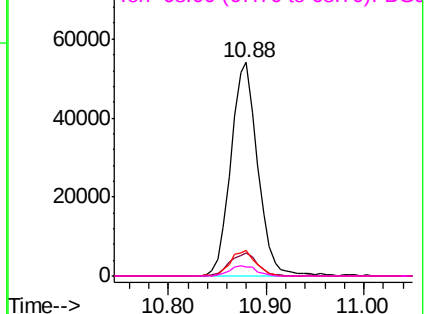
137 11.0 9.3 13.9

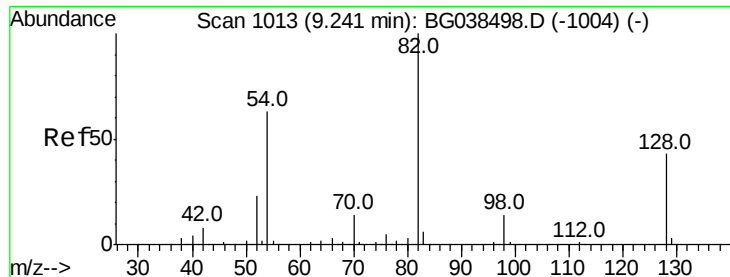
54 12.0 8.5 12.7

68 4.2 3.5 5.3



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

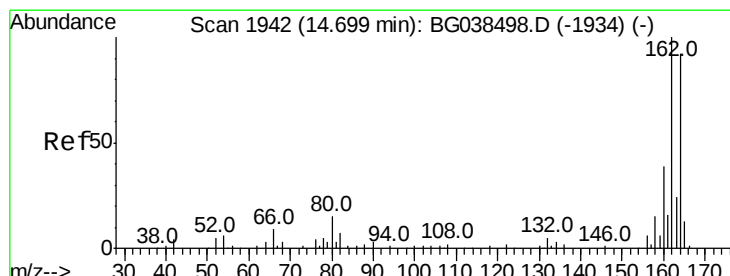
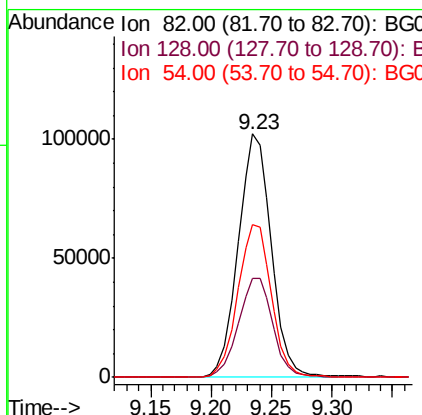
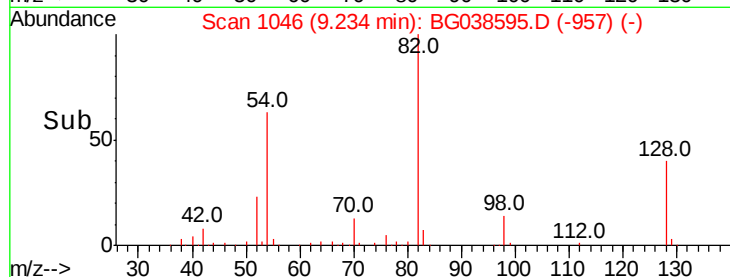
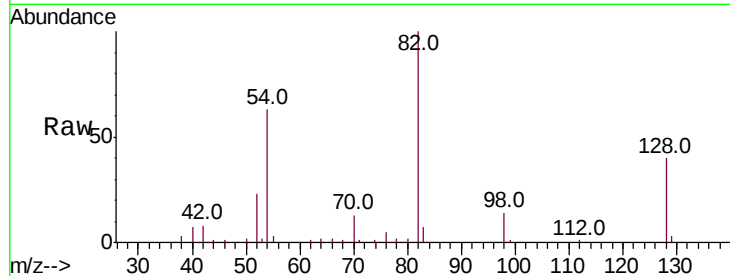




#23
Nitrobenzene-d5
Concen: 96.407 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038595.D
Acq: 15 Dec 2018 8:56

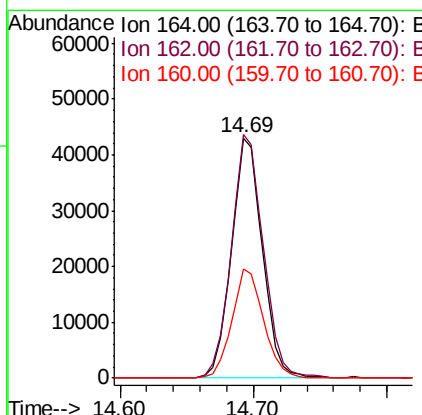
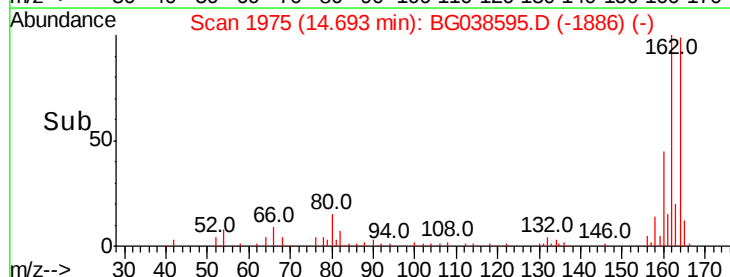
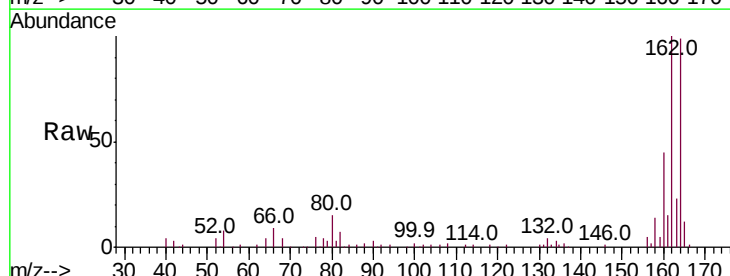
Instrument :
BNA_G
ClientSampleId :
120618-DBRI-F-U-B

Tot Ion: 82 Resp: 194740
Ion Ratio Lower Upper
82 100
128 40.4 34.6 52.0
54 62.9 50.6 76.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG038595.D
Acq: 15 Dec 2018 8:56

Tgt Ion:164 Resp: 69161
Ion Ratio Lower Upper
164 100
162 101.3 86.6 130.0
160 45.6 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 86.932 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038595.D

Acq: 15 Dec 2018 8:56

Instrument :

BNA_G

ClientSampleId :

120618-DBRI-F-U-B

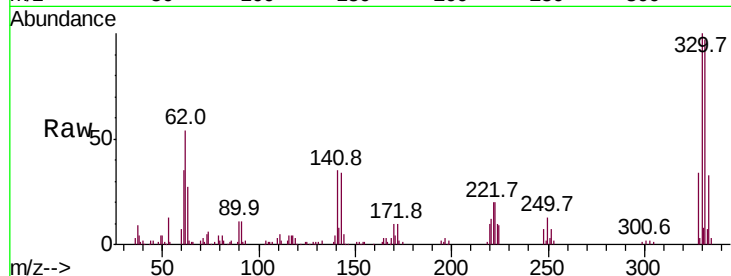
Tot Ion:330 Resp: 82860

Ion Ratio Lower Upper

330 100

332 95.3 76.9 115.3

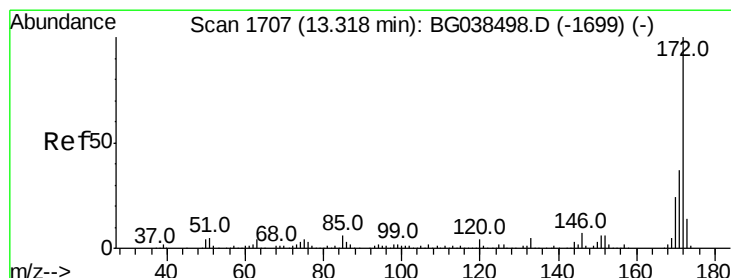
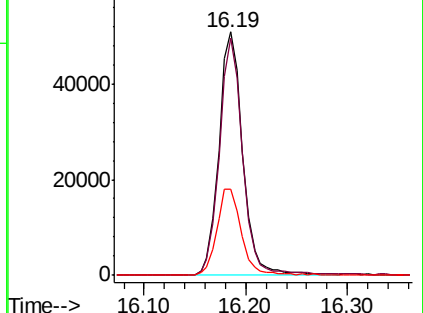
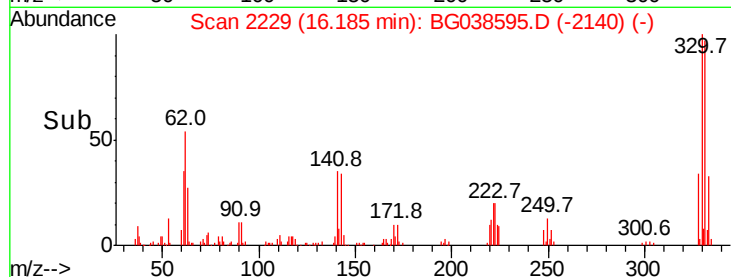
141 36.7 28.8 43.2



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



#45

2-Fluorobiphenyl

Concen: 94.687 ng

RT: 13.32 min Scan# 1741

Delta R.T. -0.00 min

Lab File: BG038595.D

Acq: 15 Dec 2018 8:56

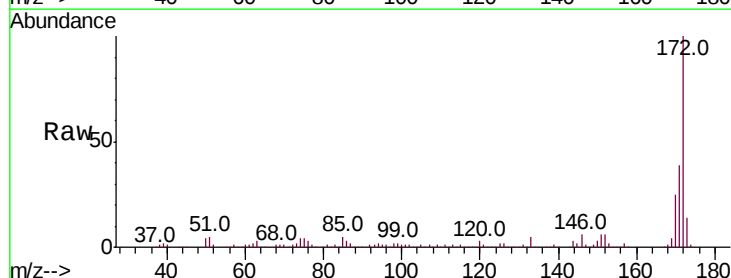
Tgt Ion:172 Resp: 477359

Ion Ratio Lower Upper

172 100

171 38.5 29.8 44.6

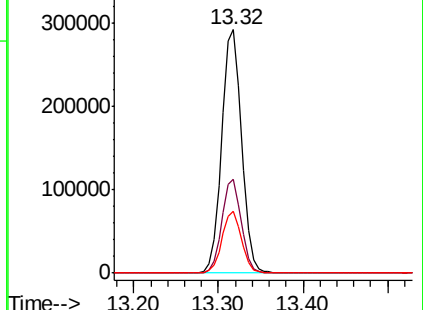
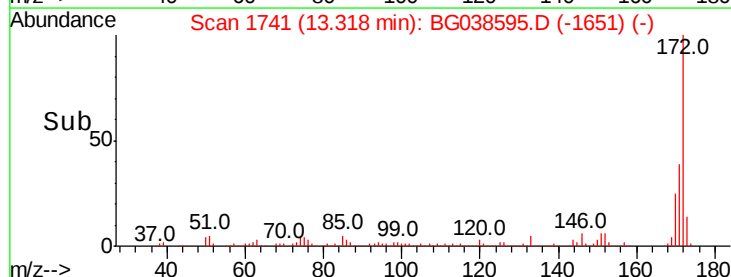
170 25.4 19.5 29.3

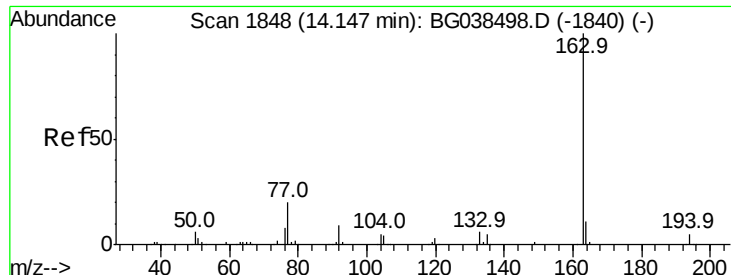


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

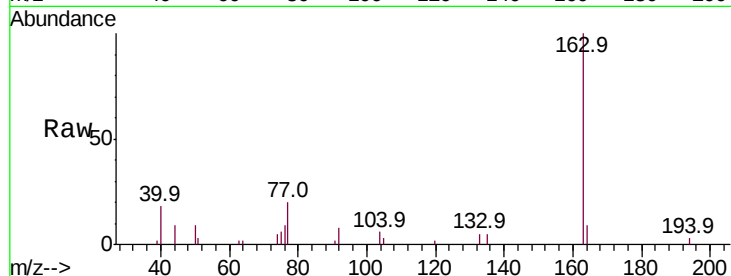




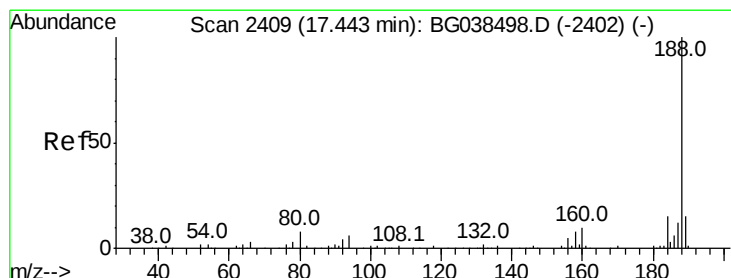
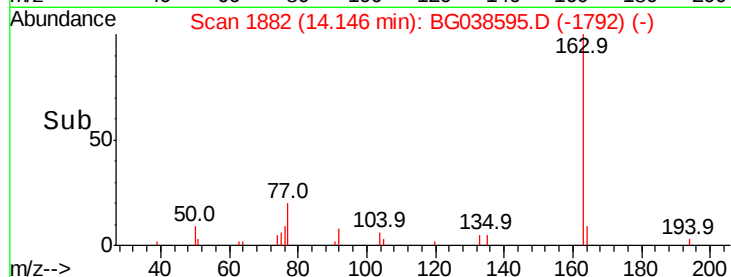
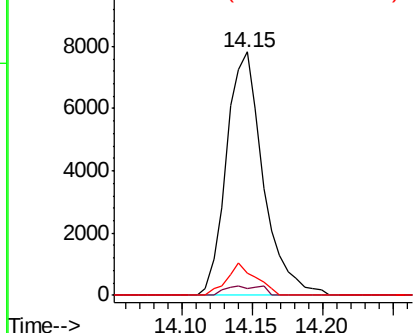
#50
Dimethylphthalate
Concen: 2.507 ng
RT: 14.15 min Scan# 1882
Delta R.T. -0.00 min
Lab File: BG038595.D
Acq: 15 Dec 2018 8:56

Instrument :
BNA_G
ClientSampleId :
120618-DBRI-F-U-B

Tot Ion:163 Resp: 14160
Ion Ratio Lower Upper
163 100
194 3.0 3.7 5.5#
164 9.3 8.6 12.8

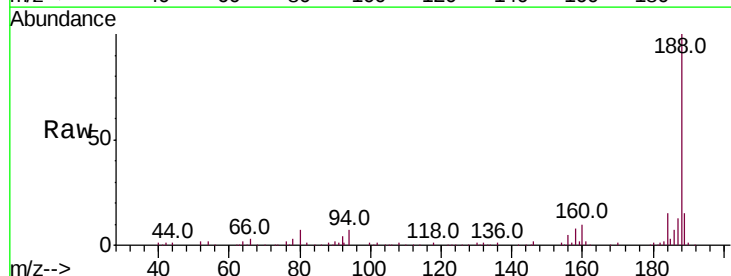


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

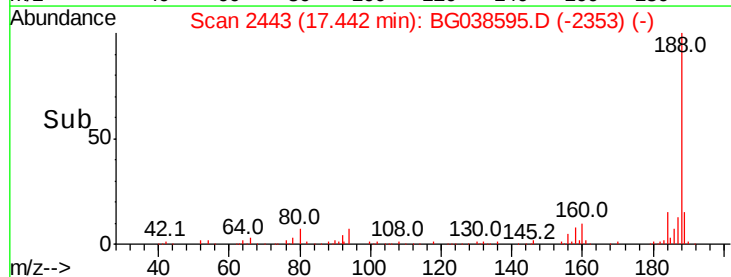
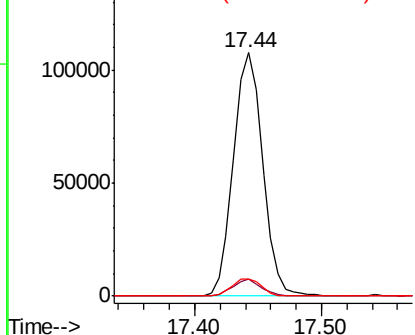


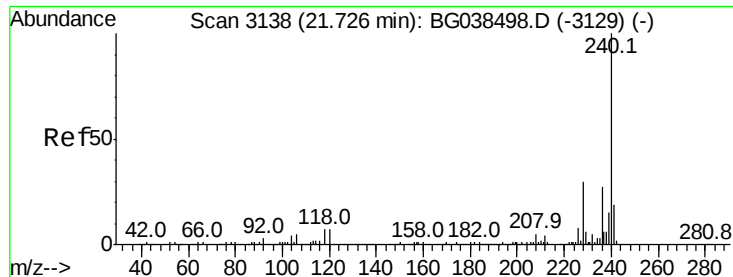
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038595.D
Acq: 15 Dec 2018 8:56

Tgt Ion:188 Resp: 172656
Ion Ratio Lower Upper
188 100
94 7.2 5.1 7.7
80 6.8 6.1 9.1



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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.72 min Scan# 3171

Delta R.T. -0.01 min

Lab File: BG038595.D

Acq: 15 Dec 2018 8:56

Instrument :

BNA_G

ClientSampleId :

120618-DBRI-F-U-B

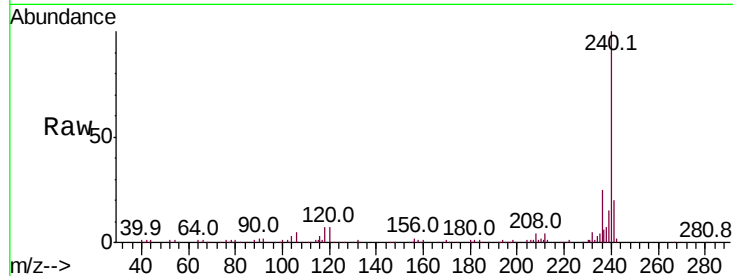
Tot Ion:240 Resp: 178182

Ion Ratio Lower Upper

240 100

120 7.1 5.3 7.9

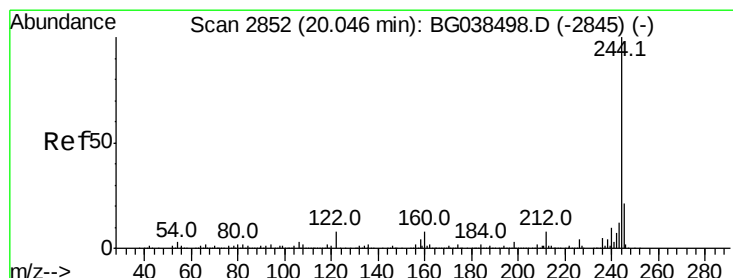
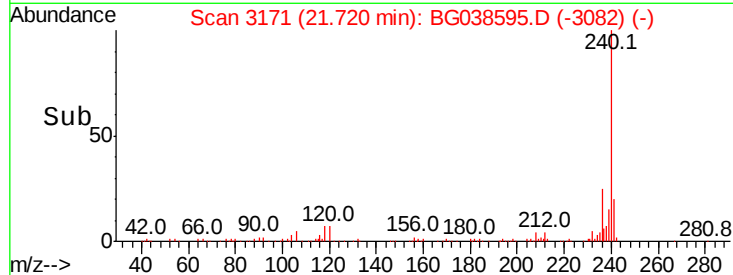
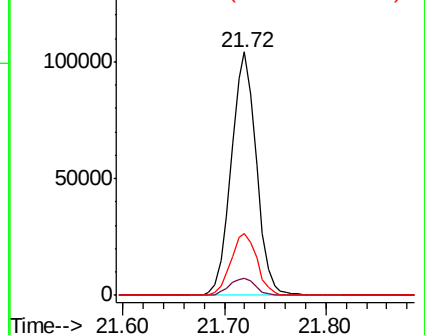
236 25.3 21.4 32.2



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



#79

Terphenyl-d14

Concen: 100.855 ng

RT: 20.05 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG038595.D

Acq: 15 Dec 2018 8:56

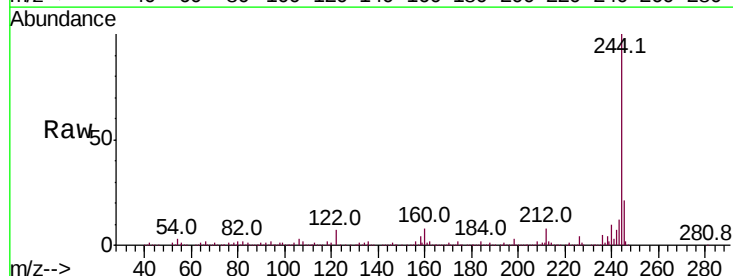
Tgt Ion:244 Resp: 825722

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

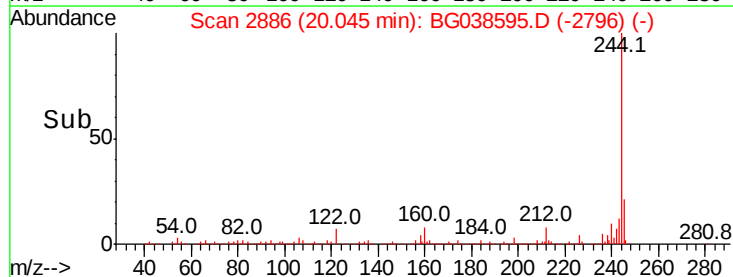
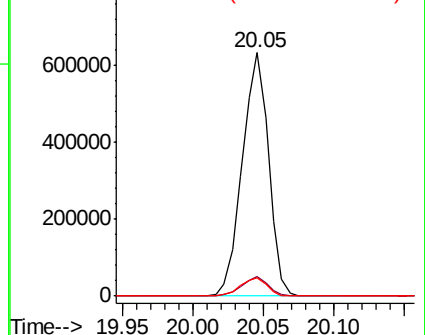
122 7.3 6.3 9.5

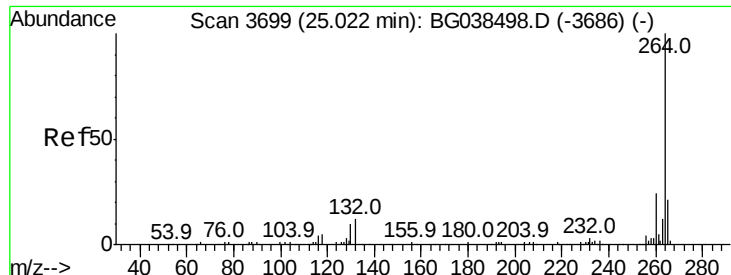


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.02 min Scan# 3732
 Delta R.T. -0.01 min
 Lab File: BG038595.D
 Acq: 15 Dec 2018 8:56

Instrument :
 BNA_G
 ClientSampleId :
 120618-DBRI-F-U-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.9	28.3
265	21.2	17.0	25.4

