

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090418\
 Data File : BG036550.D
 Acq On : 5 Sep 2018 4:15
 Operator : JU/SJ
 Sample : J4759-09
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 083018-DBRI-F-U-M

Quant Time: Sep 05 07:01:13 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

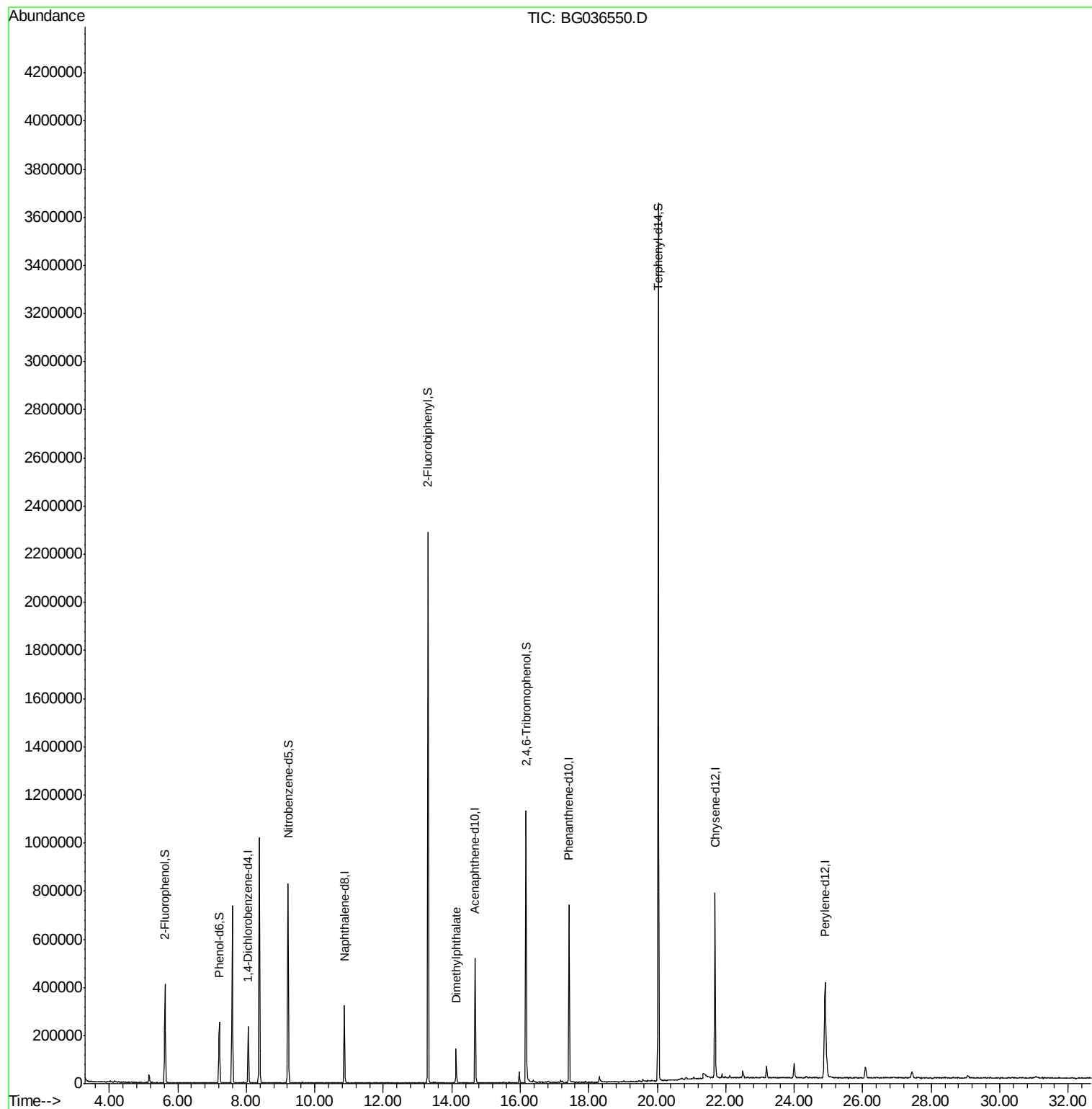
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	66766	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	279300	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	181367	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	463369	20.00	ng	0.00
75) Chrysene-d12	21.69	240	488753	20.00	ng	0.00
86) Perylene-d12	24.90	264	477501	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	176911	42.03	ng	0.00
7) Phenol-d6	7.21	99	152789	25.35	ng	0.00
23) Nitrobenzene-d5	9.22	82	519277	100.87	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	215732	99.69	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1190500	93.72	ng	0.00
78) Terphenyl-d14	20.03	244	1708920	81.72	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.13	163	94214	6.362	ng	99

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

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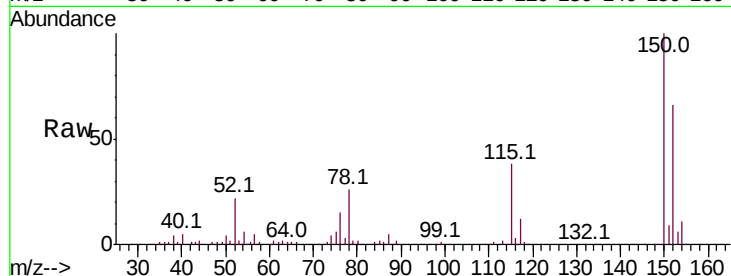


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.01 min
Lab File: BG036550.D
Acq: 5 Sep 2018 4:15

Instrument :
BNA_G
ClientSampleId :
083018-DBRI-F-U-M

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.6	119.5	179.3
115	57.3	44.5	66.7

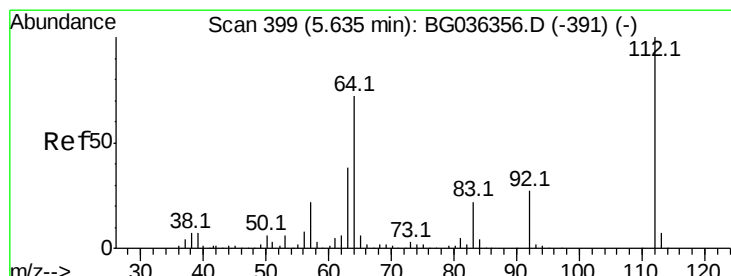
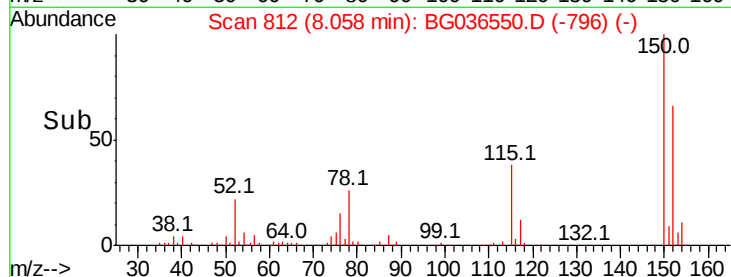
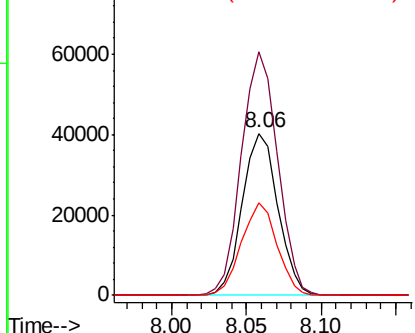


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

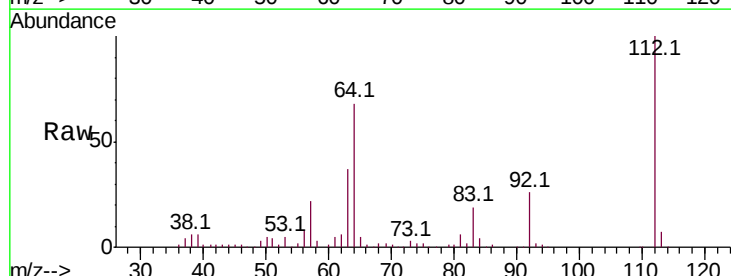
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 42.032 ng
RT: 5.63 min Scan# 398
Delta R.T. 0.00 min
Lab File: BG036550.D
Acq: 5 Sep 2018 4:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.2	57.2	85.8
63	37.2	30.8	46.2

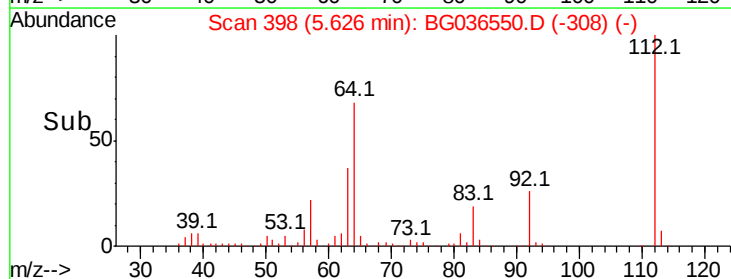
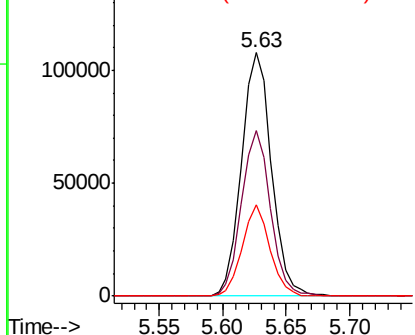


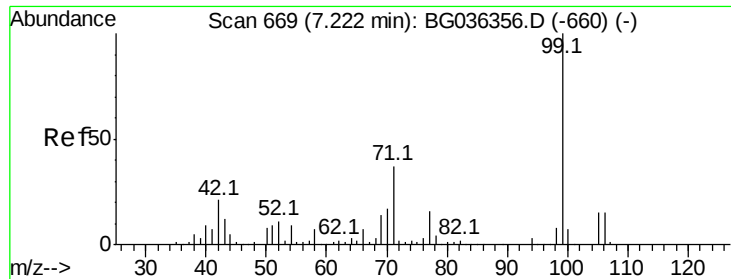
Abundance

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: 25.354 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036550.D

Acq: 5 Sep 2018 4:15

Instrument :

BNA_G

ClientSampleId :

083018-DBRI-F-U-M

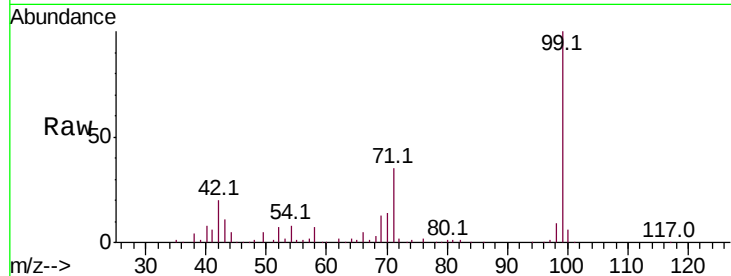
Tot Ion: 99 Resp: 152789

Ion Ratio Lower Upper

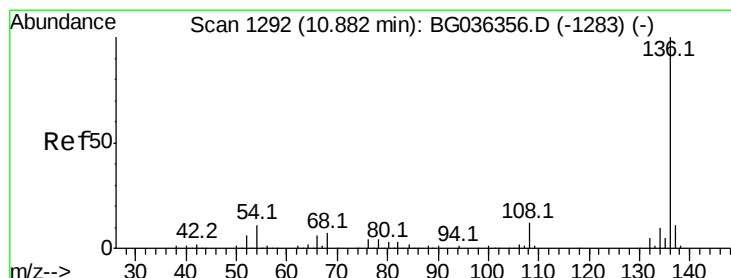
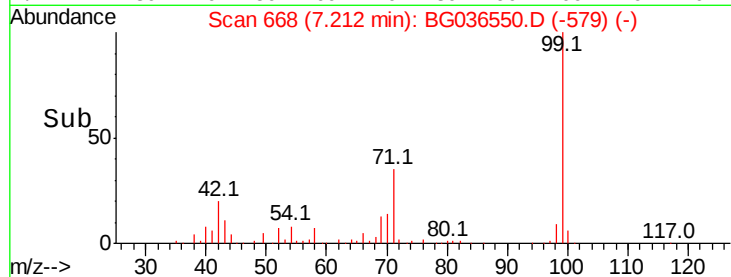
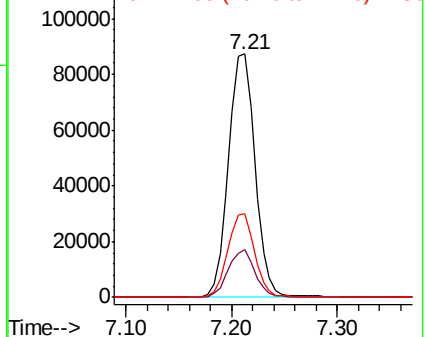
99 100

42 19.7 16.5 24.7

71 34.5 29.4 44.2



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: 10.86 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BG036550.D

Acq: 5 Sep 2018 4:15

Tgt Ion: 136 Resp: 279300

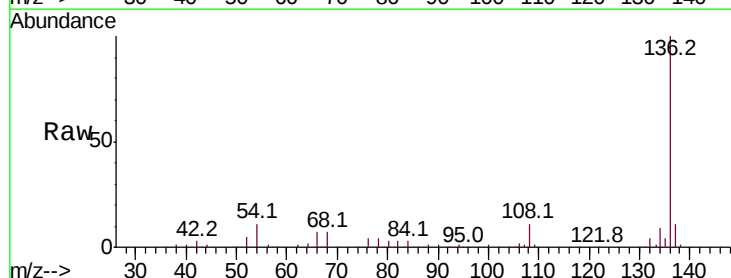
Ion Ratio Lower Upper

136 100

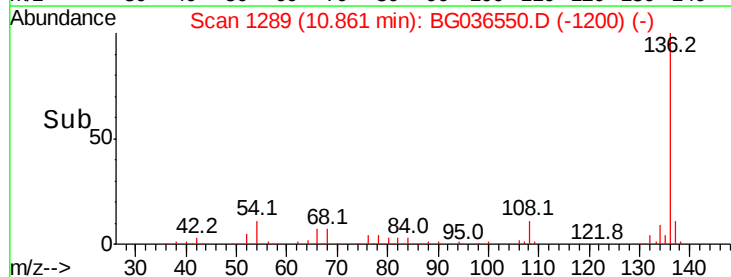
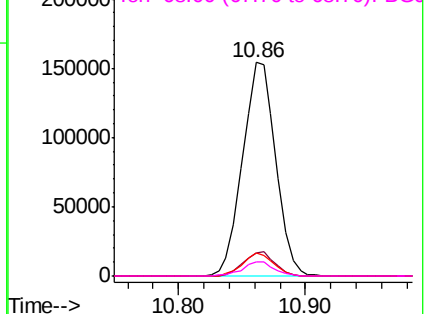
137 10.8 8.8 13.2

54 10.6 9.2 13.8

68 6.8 5.8 8.6



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): BGC
Ion 68.00 (67.70 to 68.70): BGC

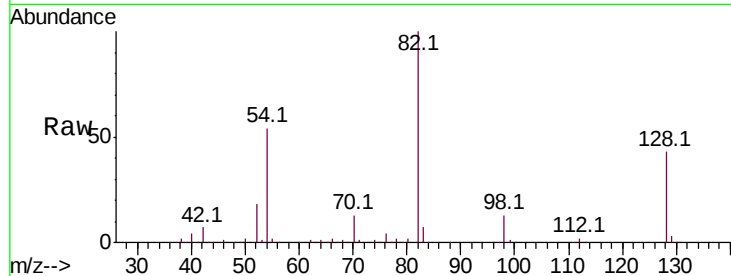




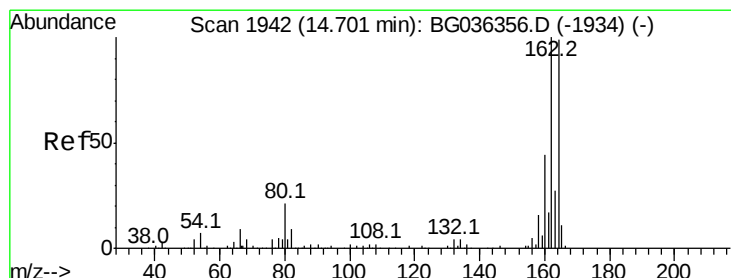
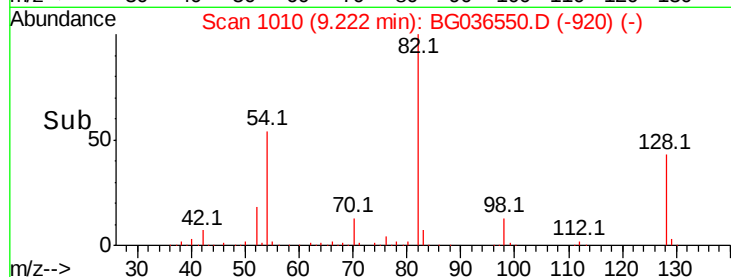
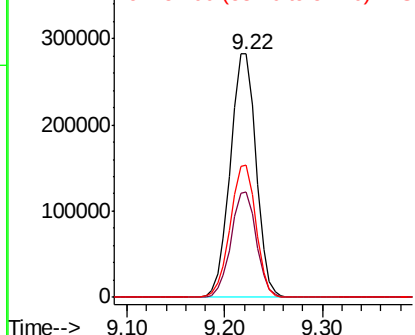
#23
Nitrobenzene-d5
Concen: 100.875 ng
RT: 9.22 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BG036550.D
Acq: 5 Sep 2018 4:15

Instrument :
BNA_G
ClientSampleId :
083018-DBRI-F-U-M

Tot Ion: 82 Resp: 519277
Ion Ratio Lower Upper
82 100
128 43.5 33.3 49.9
54 54.2 45.1 67.7

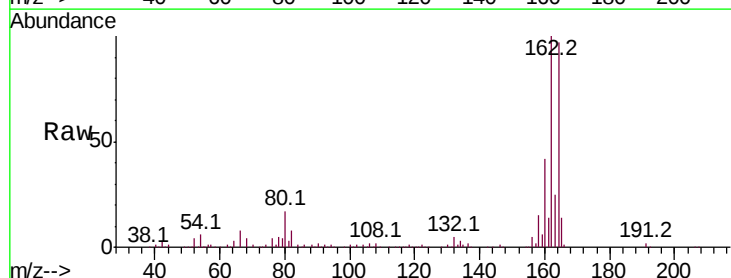


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

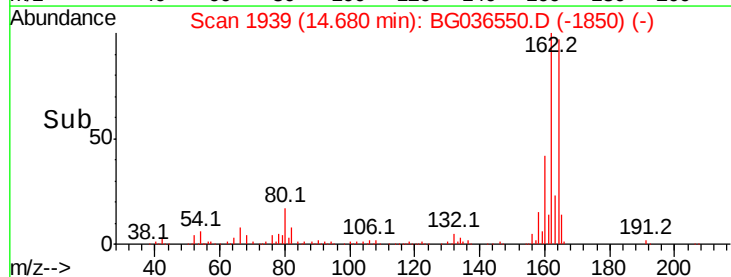
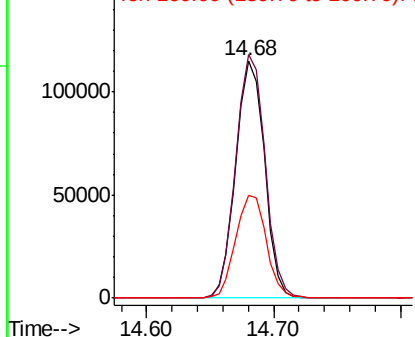


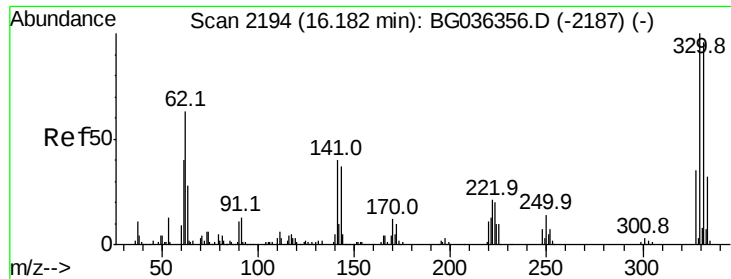
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BG036550.D
Acq: 5 Sep 2018 4:15

Tgt Ion:164 Resp: 181367
Ion Ratio Lower Upper
164 100
162 102.6 80.7 121.1
160 43.1 35.3 52.9



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

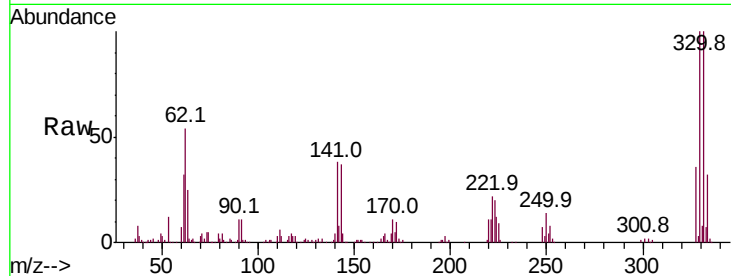




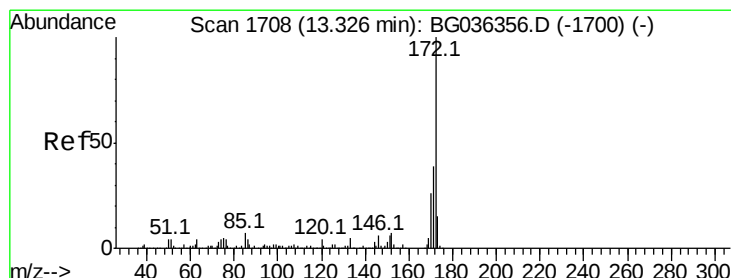
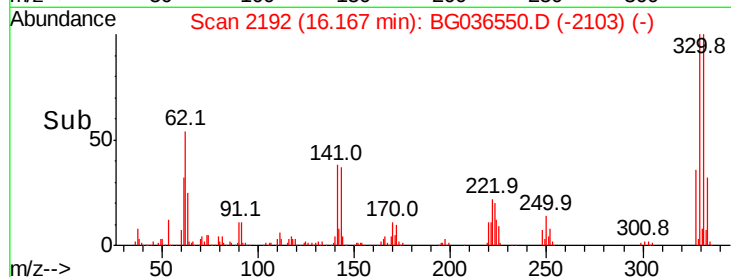
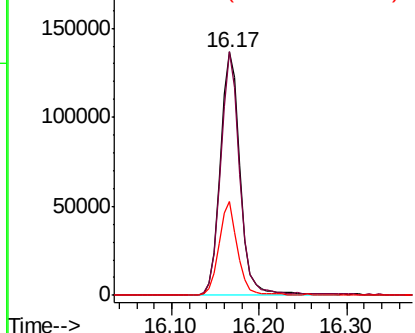
#41
 2,4,6-Tribromophenol
 Concen: 99.686 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.01 min
 Lab File: BG036550.D
 Acq: 5 Sep 2018 4:15

Instrument :
 BNA_G
 ClientSampleId :
 083018-DBRI-F-U-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	75.4	113.2
141	35.8	30.7	46.1

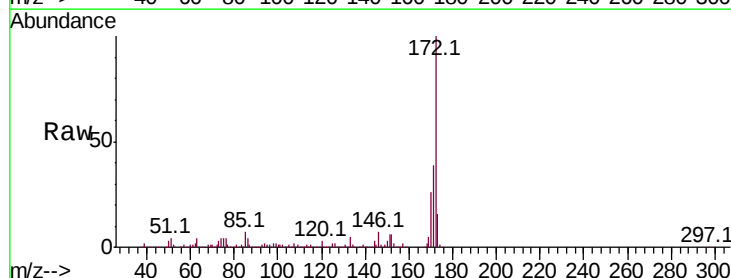


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

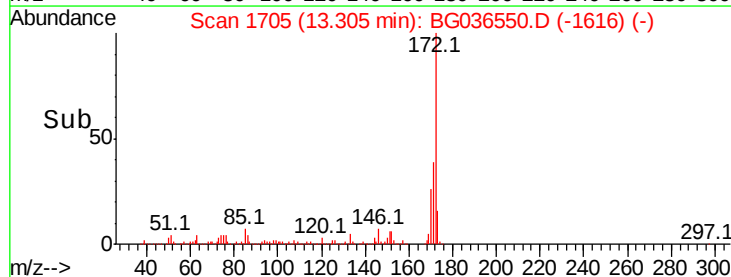
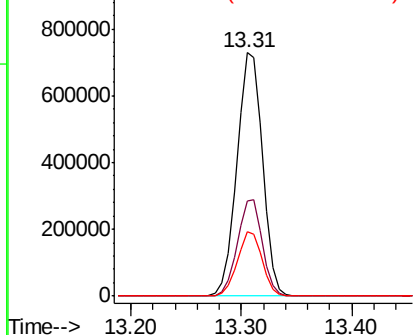


#44
 2-Fluorobiphenyl
 Concen: 93.723 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BG036550.D
 Acq: 5 Sep 2018 4:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.2	31.3	46.9
170	26.3	21.0	31.6



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: 6.362 ng

RT: 14.13 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BG036550.D

Acq: 5 Sep 2018 4:15

Instrument :

BNA_G

ClientSampleId :

083018-DBRI-F-U-M

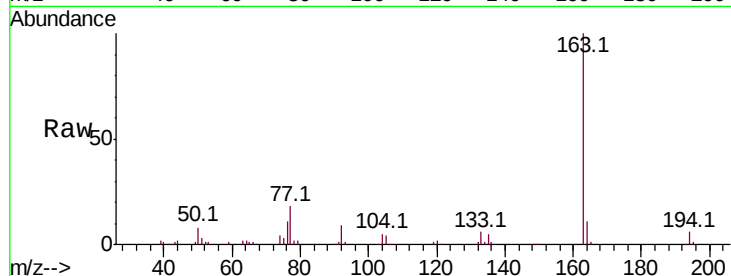
Tot Ion:163 Resp: 94214

Ion Ratio Lower Upper

163 100

194 5.6 4.0 6.0

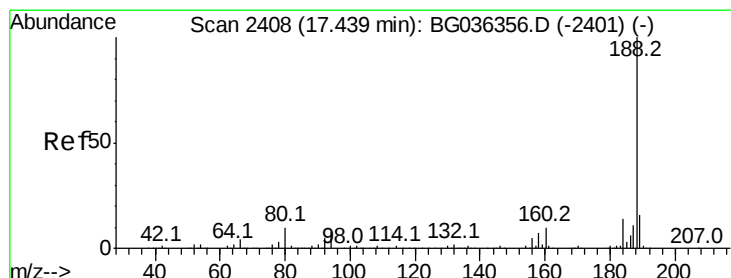
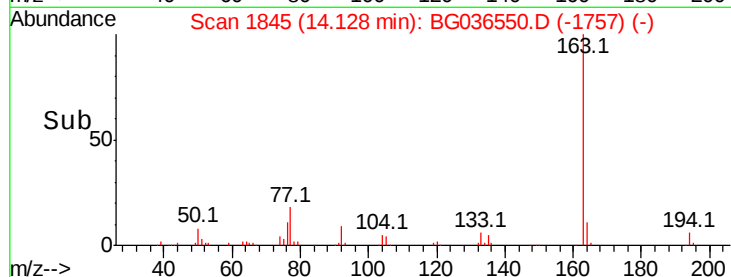
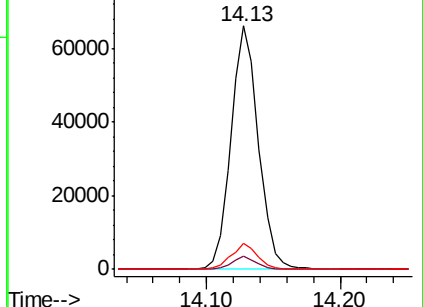
164 10.6 8.1 12.1



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. -0.01 min

Lab File: BG036550.D

Acq: 5 Sep 2018 4:15

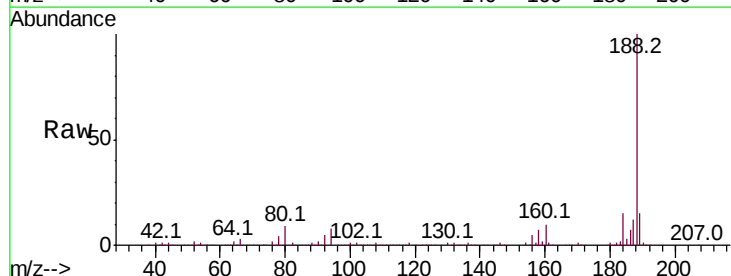
Tgt Ion:188 Resp: 463369

Ion Ratio Lower Upper

188 100

94 7.5 6.7 10.1

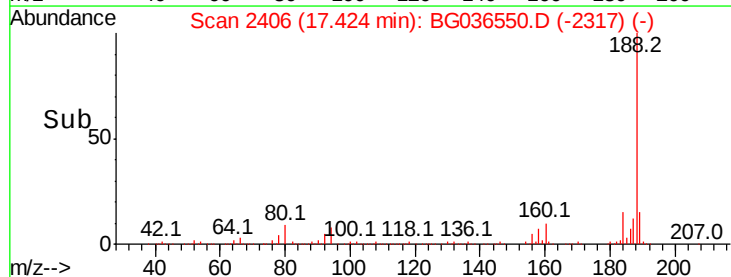
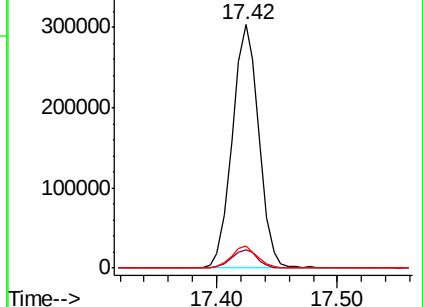
80 9.4 8.1 12.1

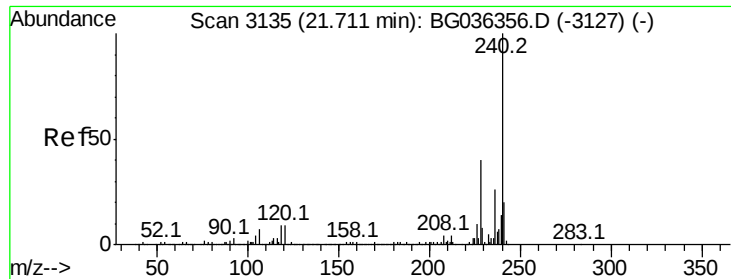


Abundance Ion 188.00 (187.70 to 188.70): E

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. -0.01 min

Lab File: BG036550.D

Acq: 5 Sep 2018 4:15

Instrument :

BNA_G

ClientSampleId :

083018-DBRI-F-U-M

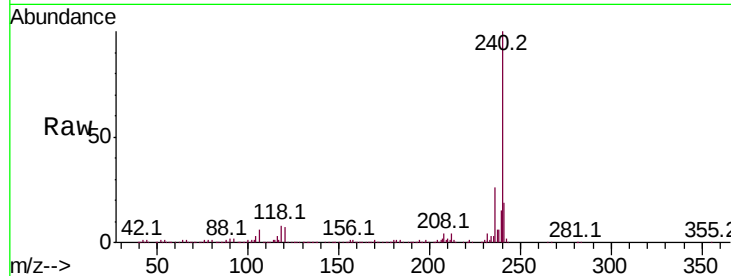
Tot Ion:240 Resp: 488753

Ion Ratio Lower Upper

240 100

120 7.5 6.9 10.3

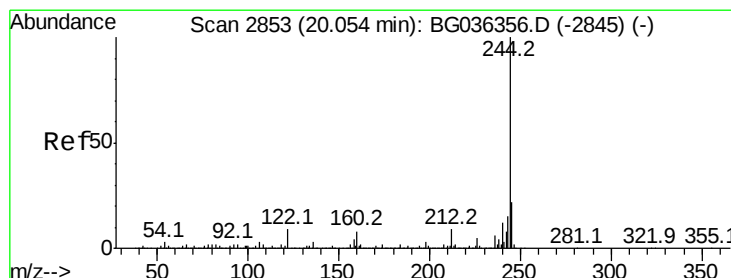
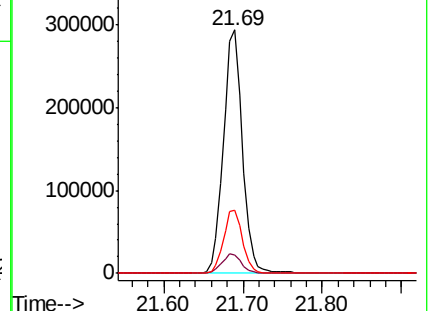
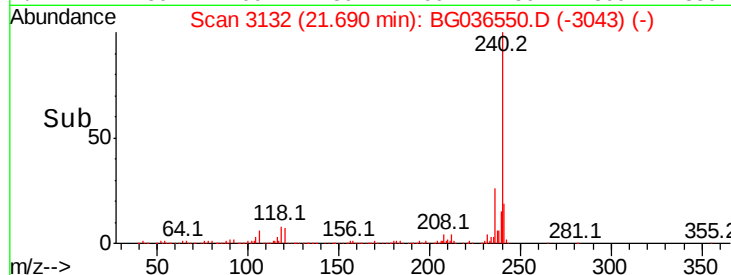
236 25.9 21.2 31.8



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: 81.725 ng

RT: 20.03 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BG036550.D

Acq: 5 Sep 2018 4:15

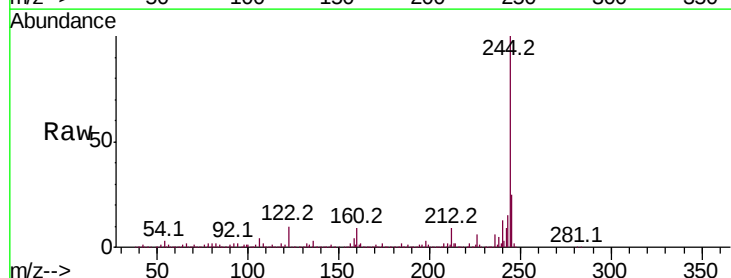
Tgt Ion:244 Resp: 1708920

Ion Ratio Lower Upper

244 100

212 9.3 7.0 10.6

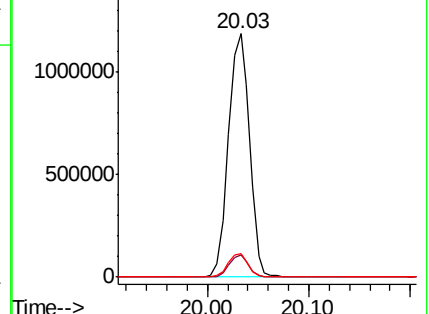
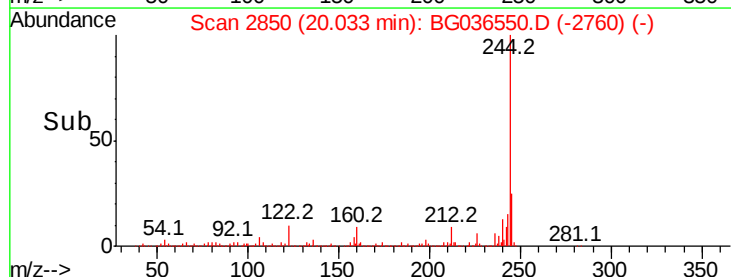
122 9.5 7.1 10.7

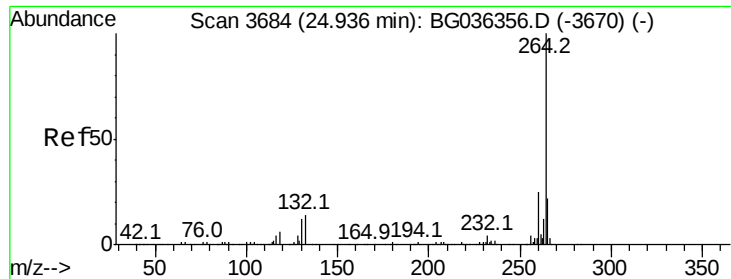


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

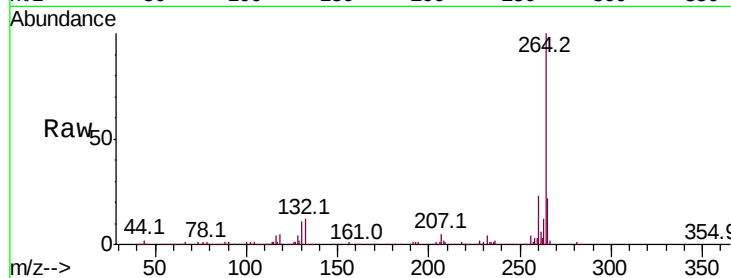




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3678
Delta R.T. -0.01 min
Lab File: BG036550.D
Acq: 5 Sep 2018 4:15

Instrument :
BNA_G
ClientSampleId :
083018-DBRI-F-U-M

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.6	29.4
265	22.3	17.4	26.0



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

