

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120118\
 Data File : BG038298.D
 Acq On : 1 Dec 2018 22:05
 Operator : JU/SJ
 Sample : J6128-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 112718-CHDE-F-U-B

Quant Time: Dec 03 03:17:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

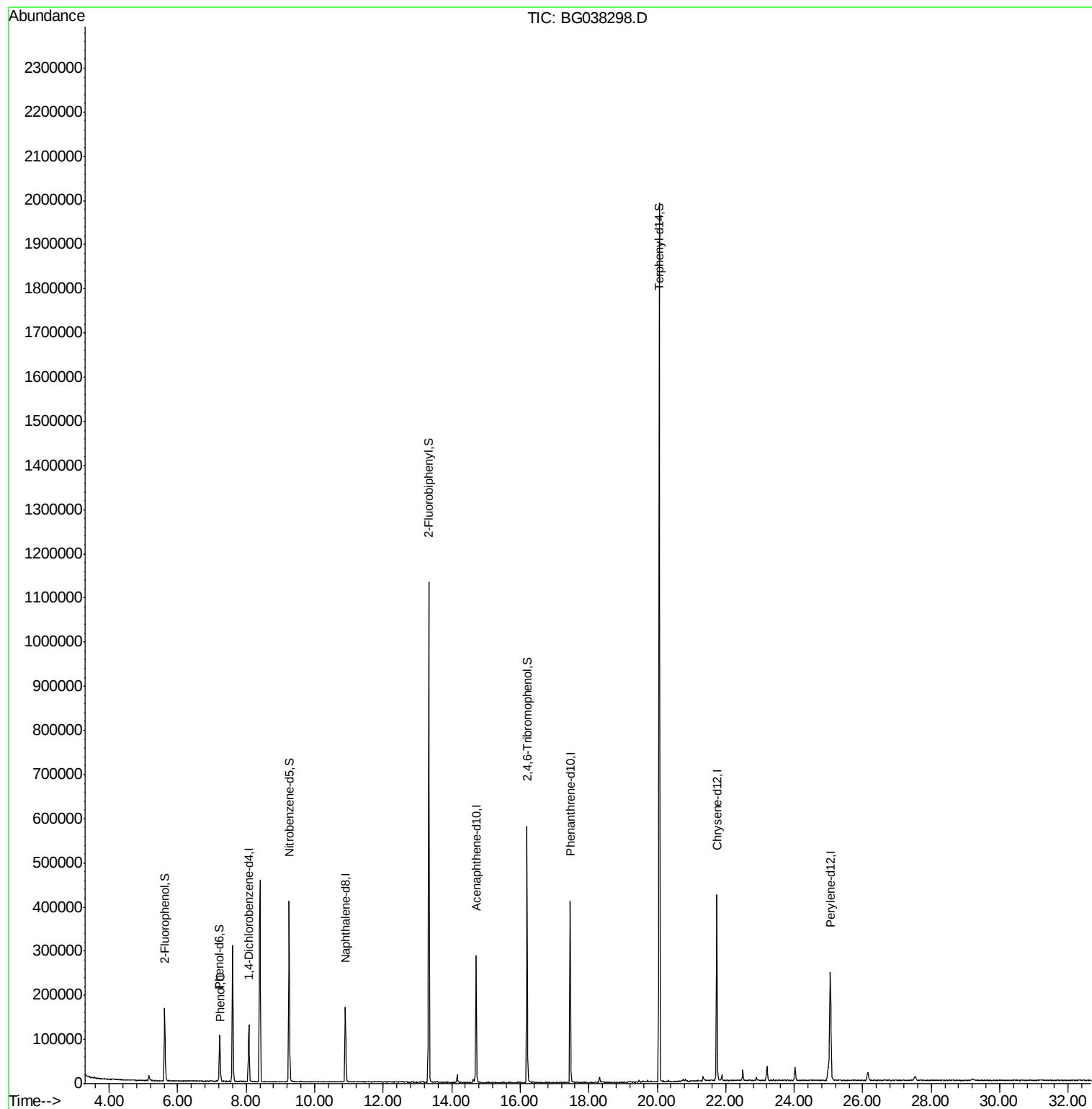
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	36548	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	158560	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	102079	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	264732	20.00	ng	0.00
76) Chrysene-d12	21.74	240	260661	20.00	ng	-0.02
87) Perylene-d12	25.05	264	267073	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	76193	35.99	ng	0.00
7) Phenol-d6	7.22	99	64847	21.46	ng	0.00
23) Nitrobenzene-d5	9.25	82	251618	84.95	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	105844	90.92	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	590493	84.27	ng	-0.02
79) Terphenyl-d14	20.06	244	984600	88.88	ng	0.00
Target Compounds						
10) Phenol	7.25	94	8315	2.598	ng	Qvalue 95

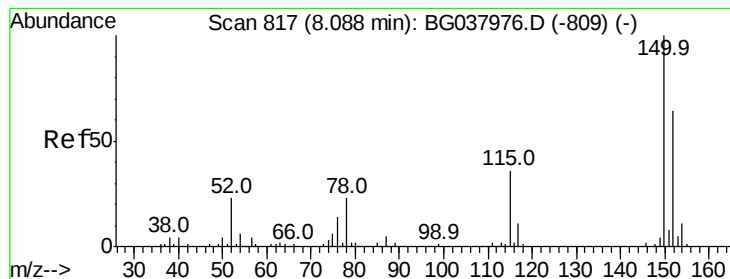
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.08 min Scan# 815

Delta R.T. -0.01 min

Lab File: BG038298.D

Acq: 1 Dec 2018 22:05

Instrument :

BNA_G

ClientSampleId :

112718-CHDE-F-U-B

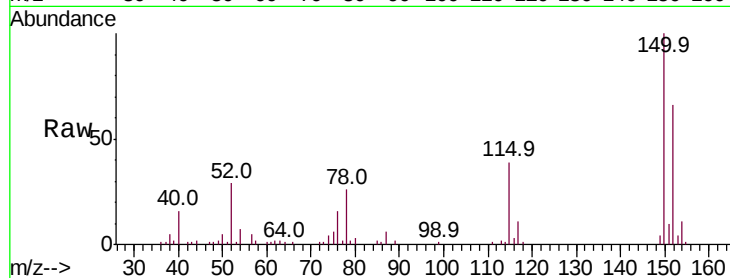
Tot Ion:152 Resp: 36548

Ion Ratio Lower Upper

152 100

150 152.6 126.0 189.0

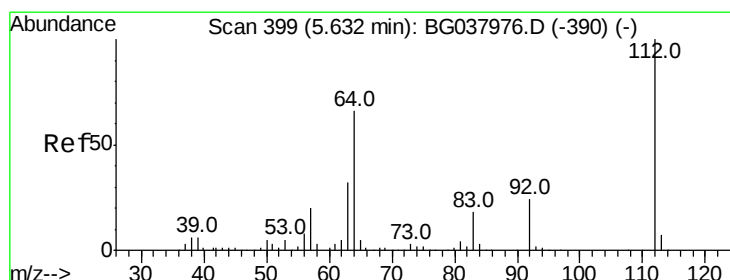
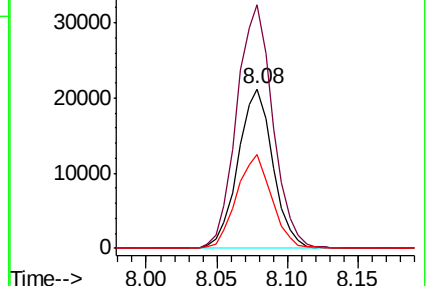
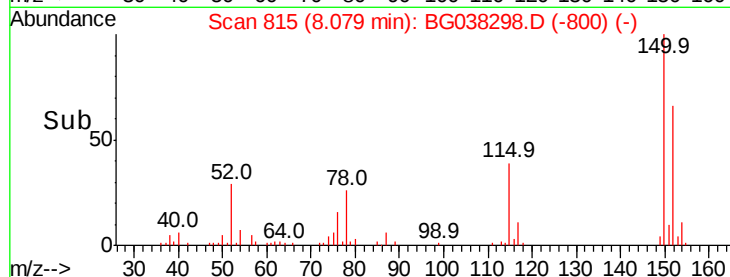
115 59.0 45.5 68.3



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: 35.994 ng

RT: 5.62 min Scan# 397

Delta R.T. -0.01 min

Lab File: BG038298.D

Acq: 1 Dec 2018 22:05

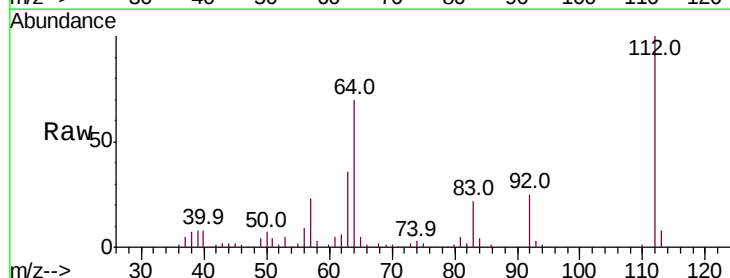
Tgt Ion:112 Resp: 76193

Ion Ratio Lower Upper

112 100

64 70.3 53.1 79.7

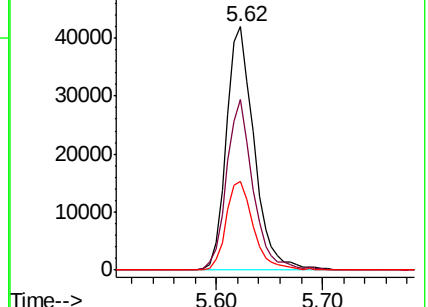
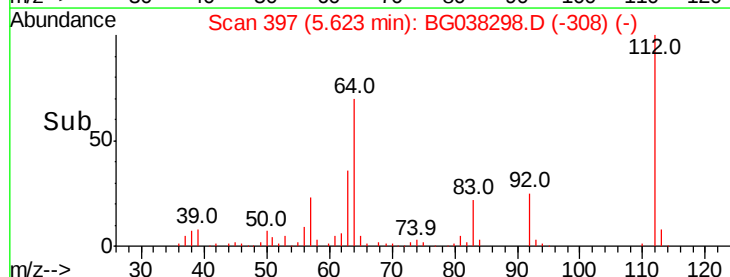
63 36.2 27.3 40.9

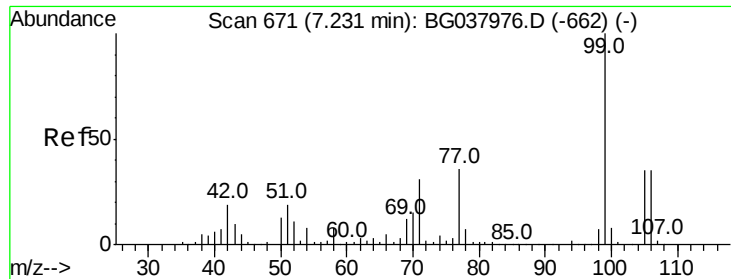


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 21.461 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038298.D

Acq: 1 Dec 2018 22:05

Instrument :

BNA_G

ClientSampleId :

112718-CHDE-F-U-B

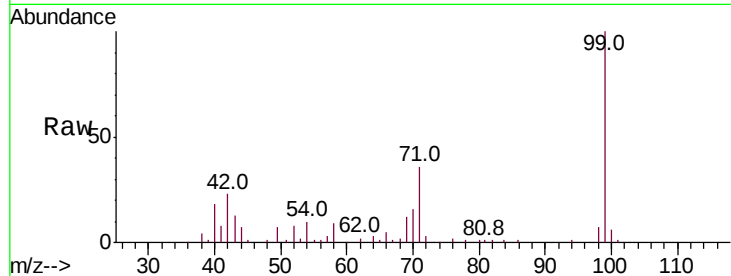
Tot Ion: 99 Resp: 64847

Ion Ratio Lower Upper

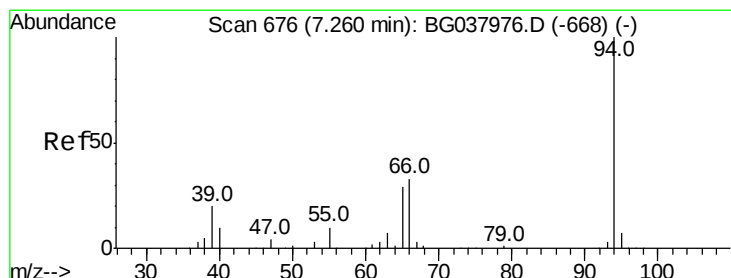
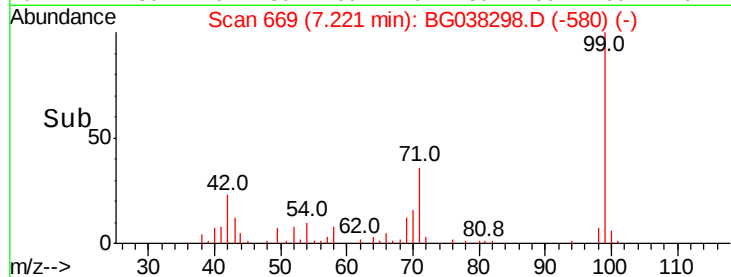
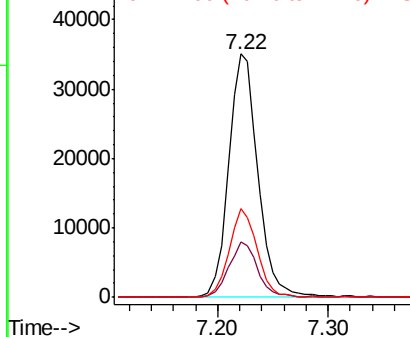
99 100

42 22.7 15.0 22.4#

71 36.4 25.5 38.3



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



#10

Phenol

Concen: 2.598 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.01 min

Lab File: BG038298.D

Acq: 1 Dec 2018 22:05

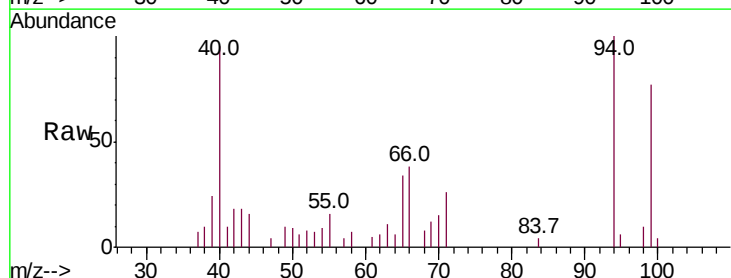
Tgt Ion: 94 Resp: 8315

Ion Ratio Lower Upper

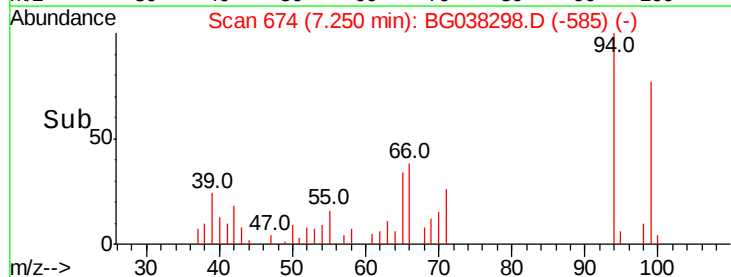
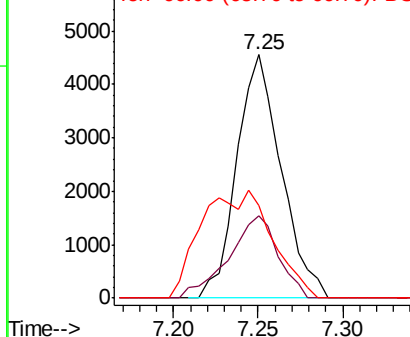
94 100

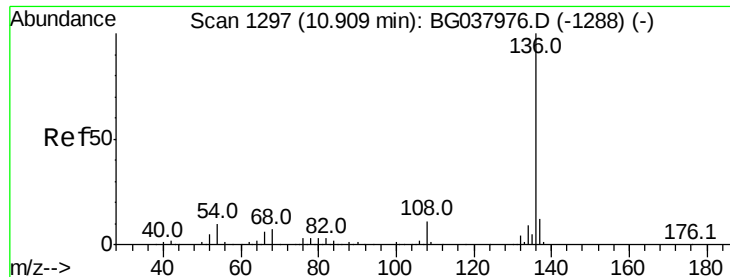
65 33.9 9.7 49.7

66 38.0 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.90 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BG038298.D

Acq: 1 Dec 2018 22:05

Instrument :

BNA_G

ClientSampleId :

112718-CHDE-F-U-B

Tot Ion:136 Resp: 158560

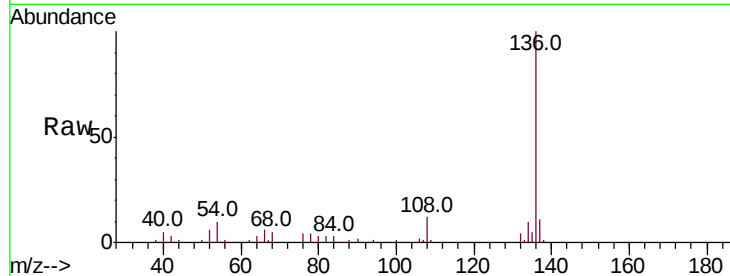
Ion Ratio Lower Upper

136 100

137 11.3 9.6 14.4

54 10.2 7.9 11.9

68 5.3 4.8 7.2

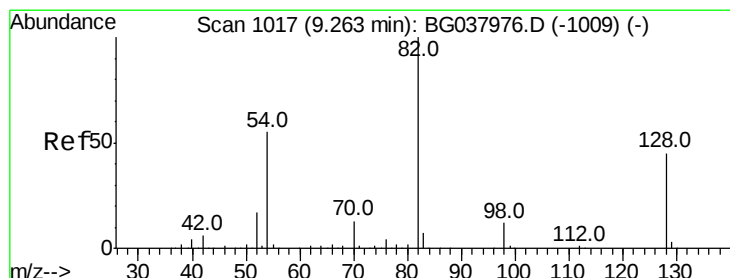
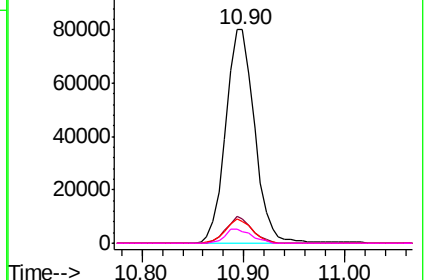
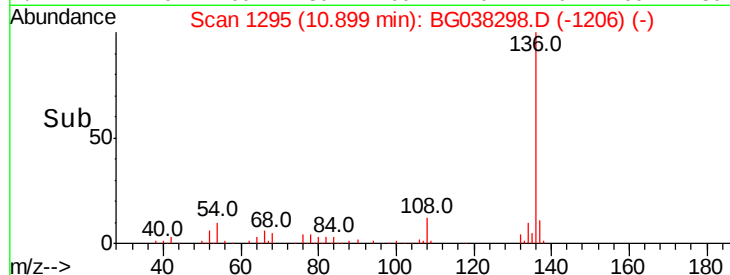


Abundance Ion 136.00 (135.70 to 136.70): E

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: 84.947 ng

RT: 9.25 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BG038298.D

Acq: 1 Dec 2018 22:05

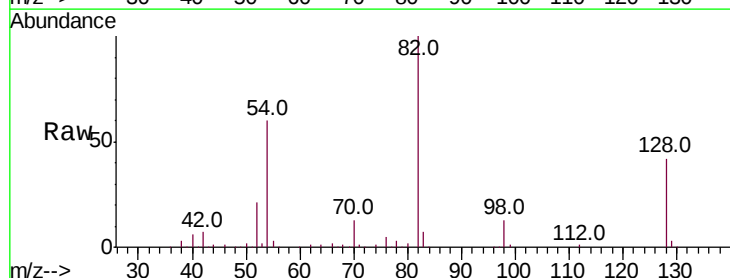
Tgt Ion: 82 Resp: 251618

Ion Ratio Lower Upper

82 100

128 41.6 34.6 51.8

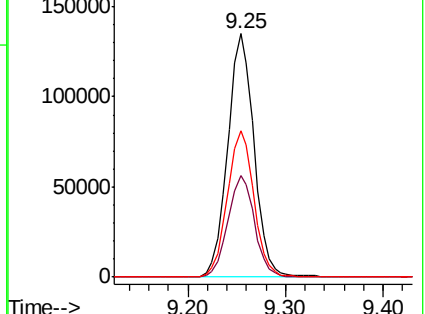
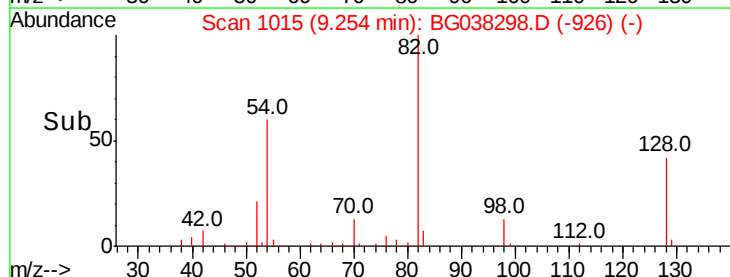
54 60.1 45.3 67.9

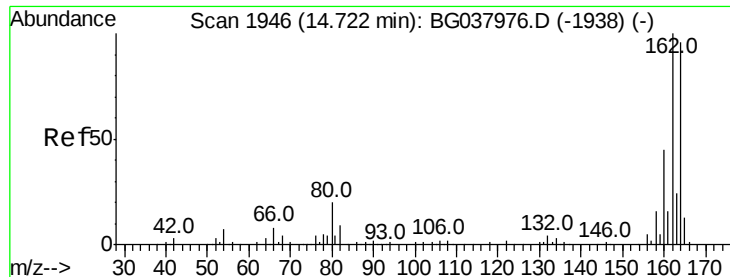


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

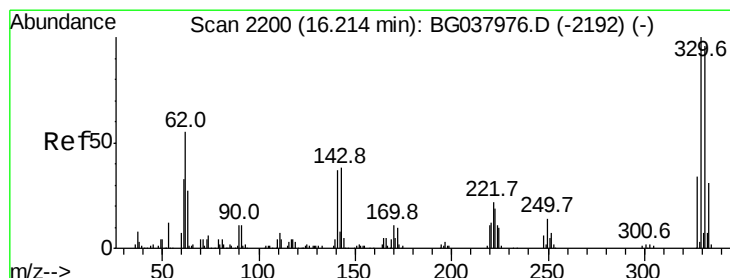
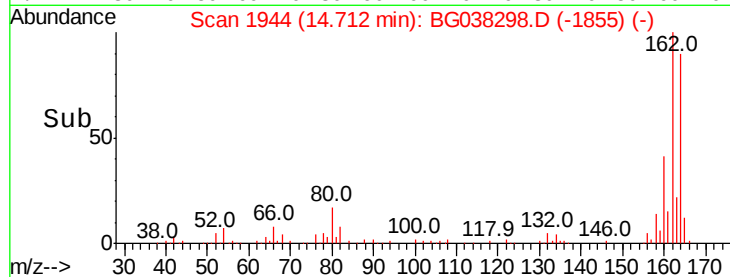
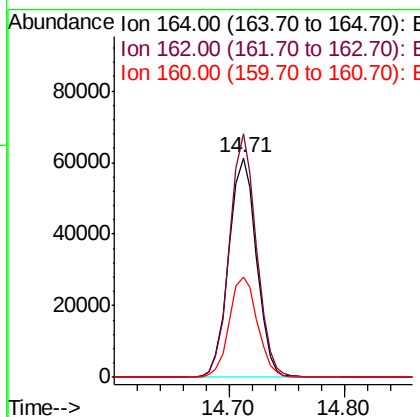
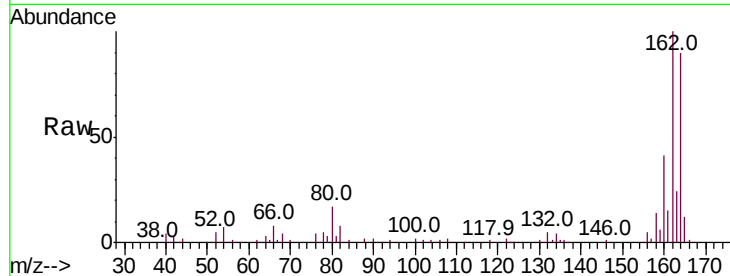




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.71 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BG038298.D
Acq: 1 Dec 2018 22:05

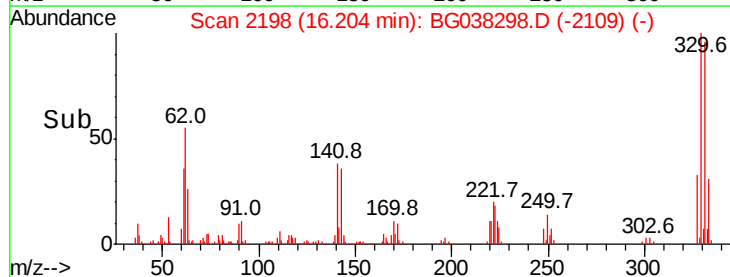
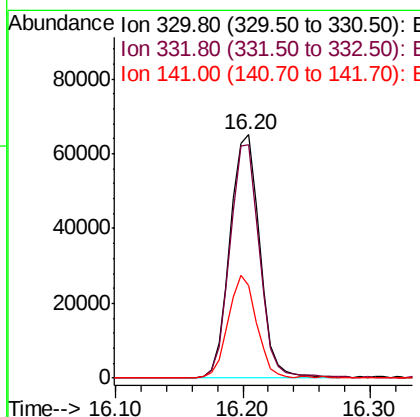
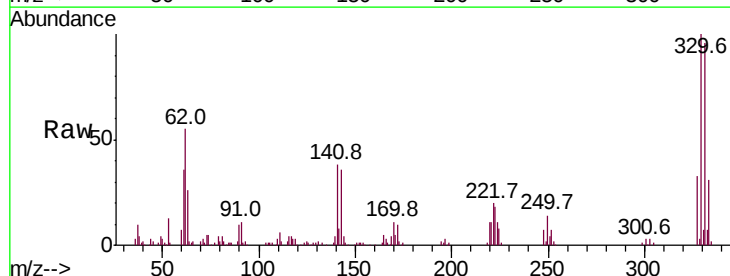
Instrument :
BNA_G
ClientSampleId :
112718-CHDE-F-U-B

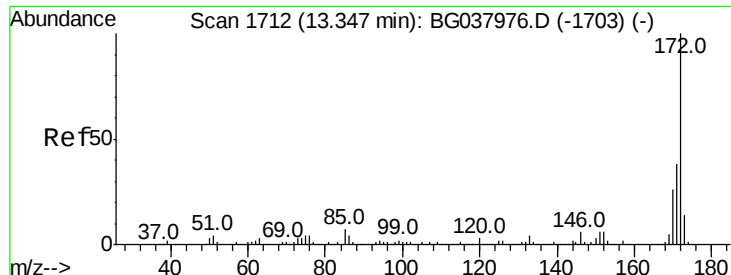
Tot Ion:164 Resp: 102079
Ion Ratio Lower Upper
164 100
162 110.8 81.3 121.9
160 45.7 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 90.917 ng
RT: 16.20 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BG038298.D
Acq: 1 Dec 2018 22:05

Tgt Ion:330 Resp: 105844
Ion Ratio Lower Upper
330 100
332 95.2 78.4 117.6
141 40.1 32.2 48.2

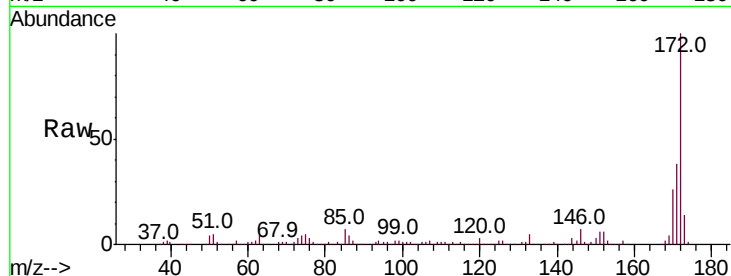




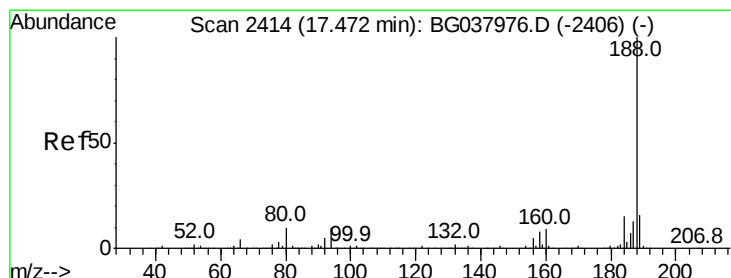
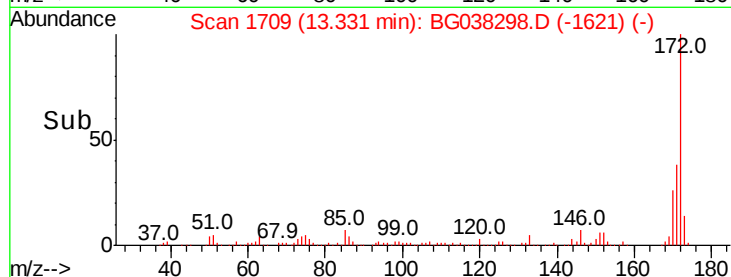
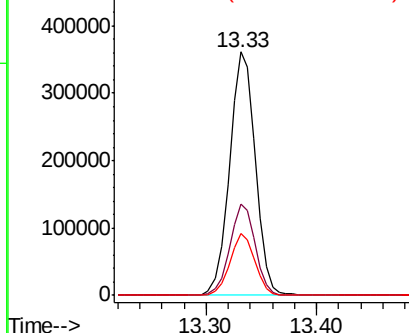
#45
 2-Fluorobiphenyl
 Concen: 84.274 ng
 RT: 13.33 min Scan# 1709
 Delta R.T. -0.02 min
 Lab File: BG038298.D
 Acq: 1 Dec 2018 22:05

Instrument :
 BNA_G
 ClientSampleId :
 112718-CHDE-F-U-B

Tot Ion:172 Resp: 590493
 Ion Ratio Lower Upper
 172 100
 171 37.5 31.0 46.4
 170 25.6 20.2 30.2

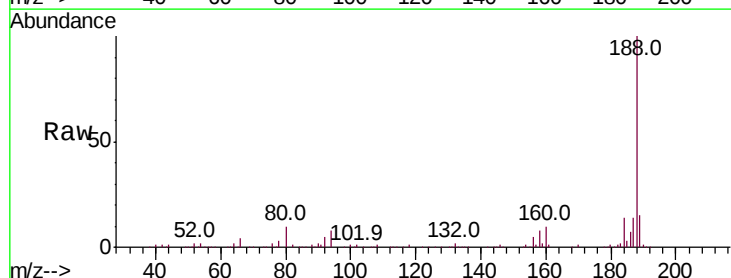


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

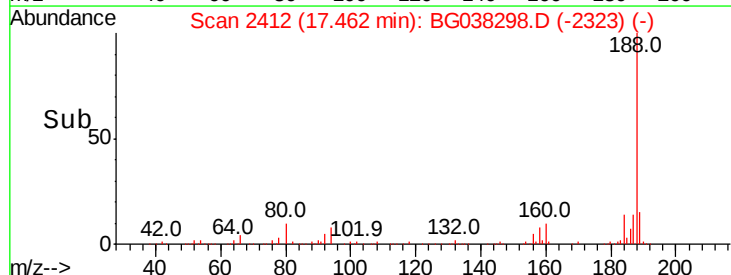
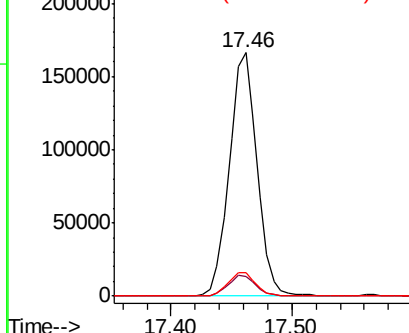


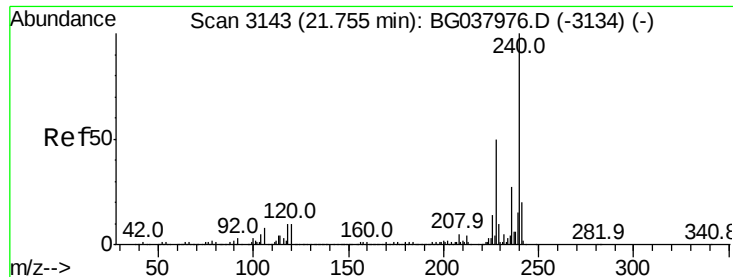
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.46 min Scan# 2412
 Delta R.T. -0.01 min
 Lab File: BG038298.D
 Acq: 1 Dec 2018 22:05

Tgt Ion:188 Resp: 264732
 Ion Ratio Lower Upper
 188 100
 94 7.9 7.2 10.8
 80 9.7 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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3140

Delta R.T. -0.02 min

Lab File: BG038298.D

Acq: 1 Dec 2018 22:05

Instrument :

BNA_G

ClientSampleId :

112718-CHDE-F-U-B

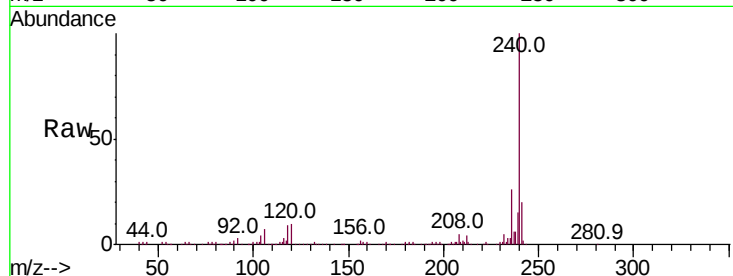
Tot Ion:240 Resp: 260661

Ion Ratio Lower Upper

240 100

120 10.0 8.1 12.1

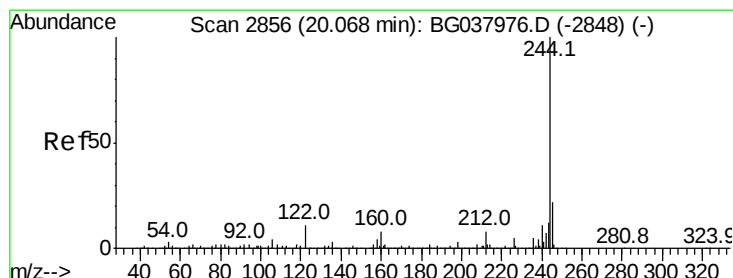
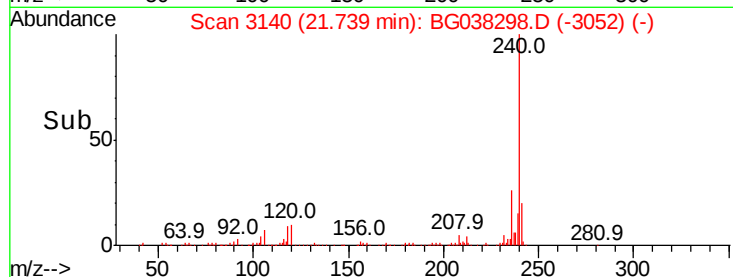
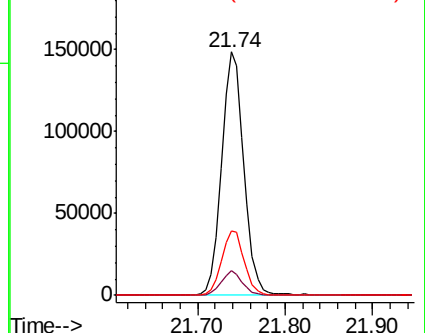
236 26.5 21.4 32.0



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: 88.881 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BG038298.D

Acq: 1 Dec 2018 22:05

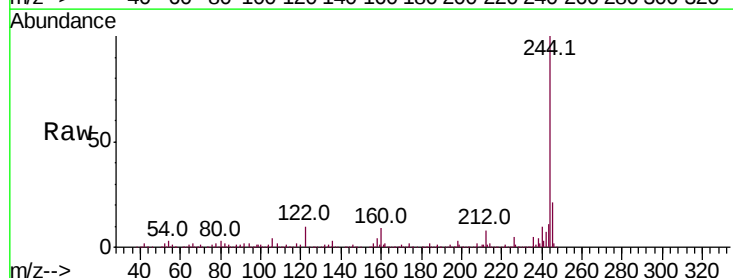
Tgt Ion:244 Resp: 984600

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

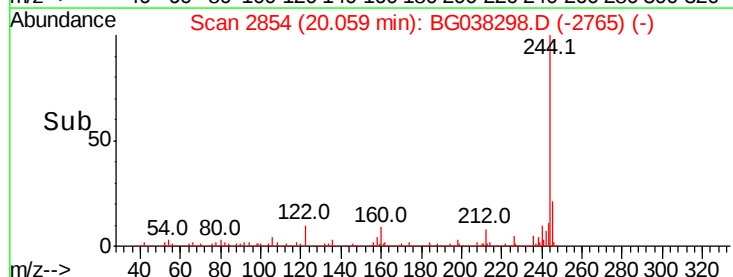
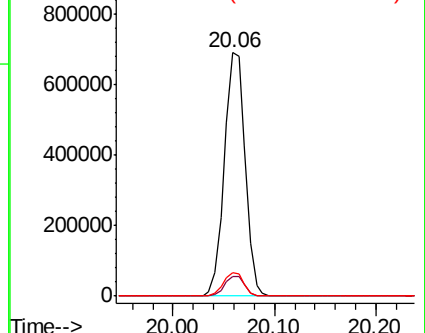
122 9.8 9.0 13.4

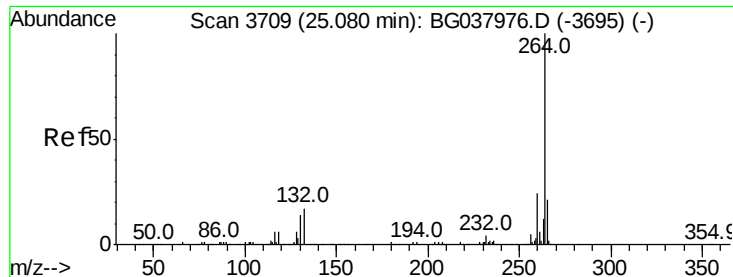


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.05 min Scan# 3704
 Delta R.T. -0.03 min
 Lab File: BG038298.D
 Acq: 1 Dec 2018 22:05

Instrument :
 BNA_G
 ClientSampleId :
 112718-CHDE-F-U-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.8	18.2	27.4
265	22.2	17.9	26.9

