

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112818\
 Data File : BG038210.D
 Acq On : 28 Nov 2018 21:51
 Operator : JU/SJ
 Sample : J6069-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 112318-DBRI-F-D-S

Quant Time: Nov 29 04:48:30 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

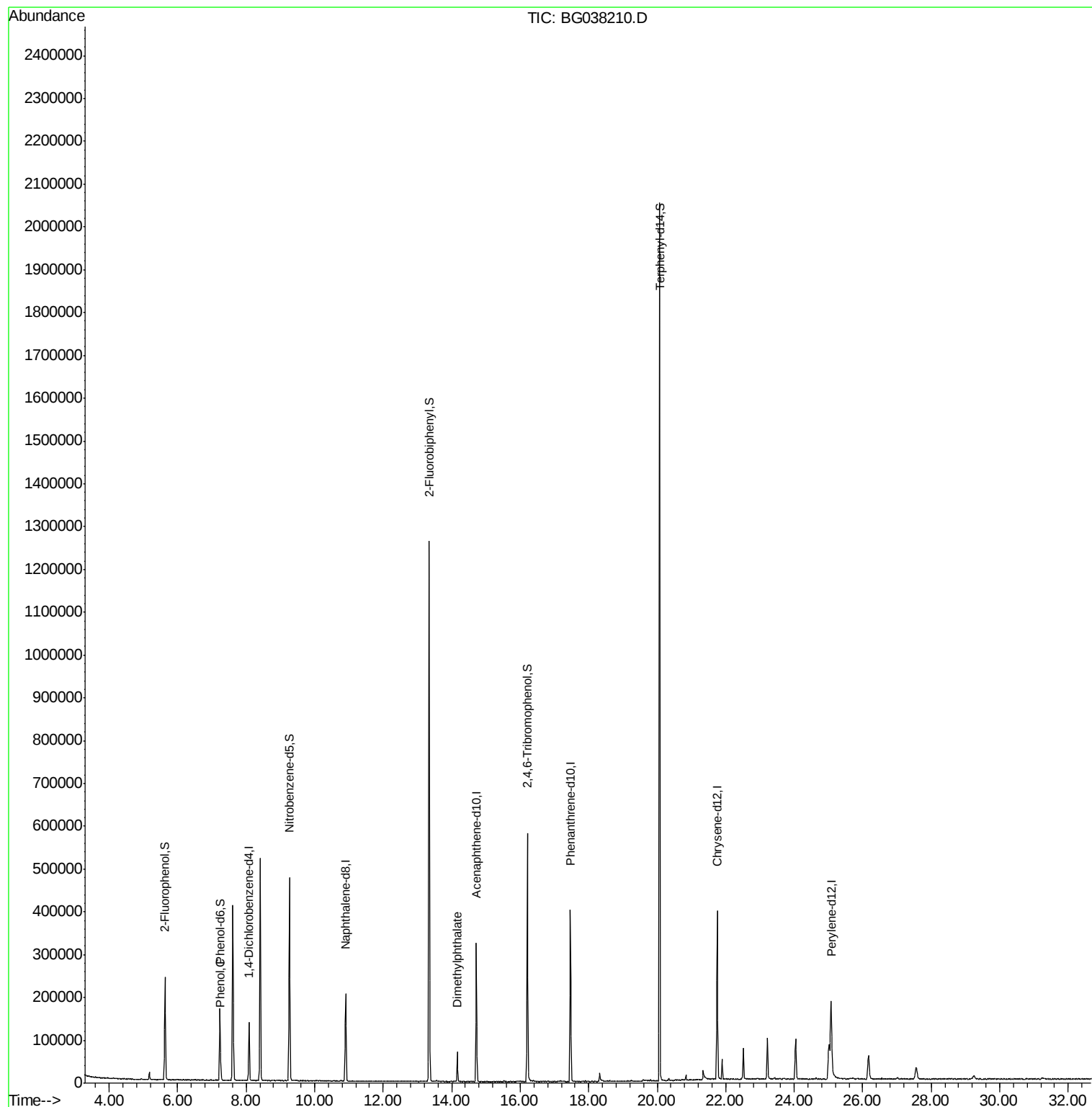
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	38602	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	180678	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	116014	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	258951	20.00	ng	0.00
76) Chrysene-d12	21.75	240	247856	20.00	ng	0.00
87) Perylene-d12	25.08	264	237781	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	109113	48.80	ng	0.00
7) Phenol-d6	7.23	99	99254	31.10	ng	0.00
23) Nitrobenzene-d5	9.26	82	302156	89.52	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	108762	82.20	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	683442	85.82	ng	0.00
79) Terphenyl-d14	20.07	244	979946	93.03	ng	0.00
Target Compounds						
10) Phenol	7.26	94	16163	4.781	ng	95
50) Dimethylphthalate	14.17	163	49171	5.346	ng	98

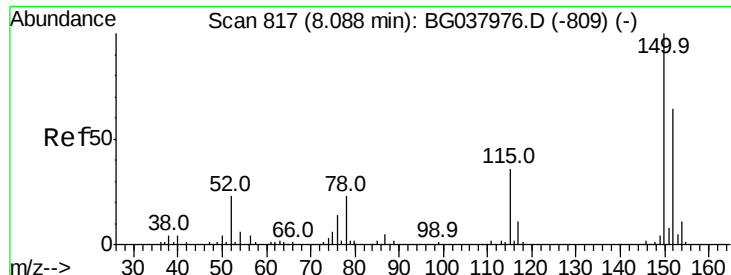
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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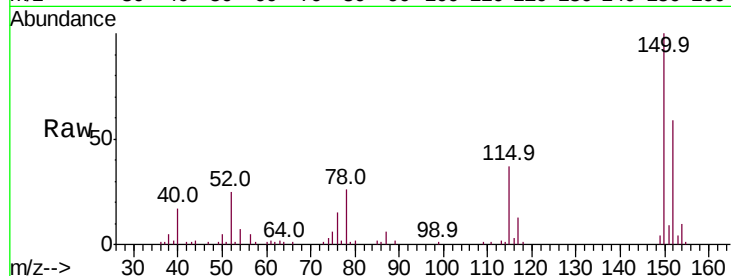


#1

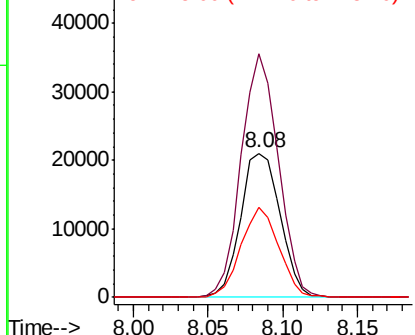
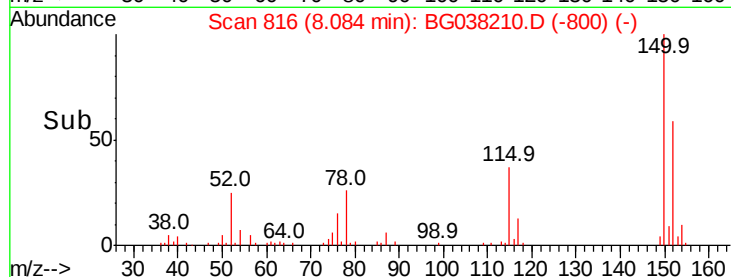
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.00 min
Lab File: BG038210.D
Acq: 28 Nov 2018 21:51

Instrument :
BNA_G
ClientSampleId :
112318-DBRI-F-D-S

Tot Ion:152 Resp: 38602
Ion Ratio Lower Upper
152 100
150 168.7 126.0 189.0
115 62.0 45.5 68.3



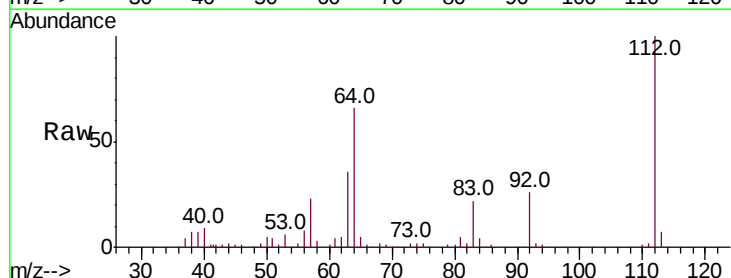
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



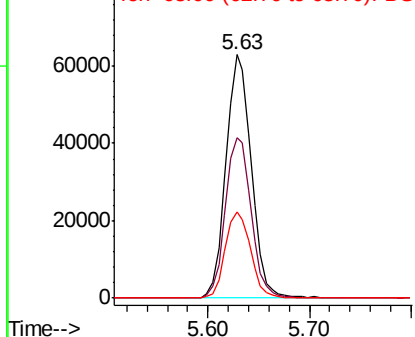
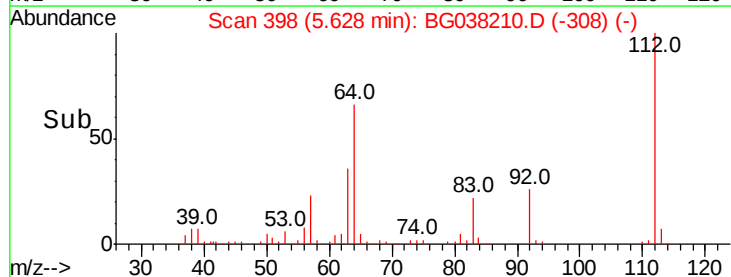
#5

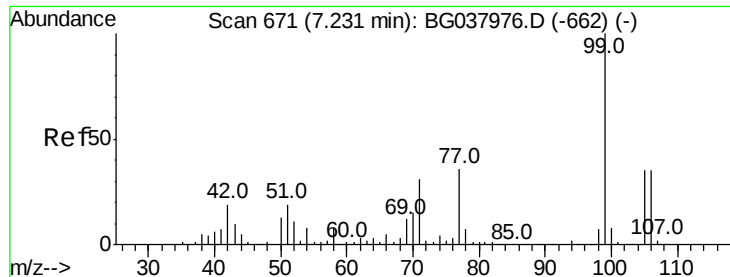
2-Fluorophenol
Concen: 48.803 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.00 min
Lab File: BG038210.D
Acq: 28 Nov 2018 21:51

Tgt Ion:112 Resp: 109113
Ion Ratio Lower Upper
112 100
64 65.8 53.1 79.7
63 35.6 27.3 40.9



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: 31.100 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038210.D

Acq: 28 Nov 2018 21:51

Instrument :

BNA_G

ClientSampleId :

112318-DBRI-F-D-S

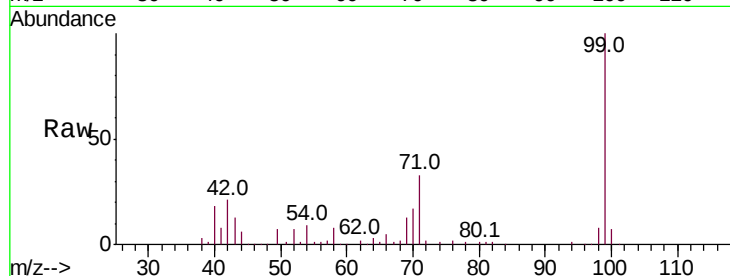
Tot Ion: 99 Resp: 99254

Ion Ratio Lower Upper

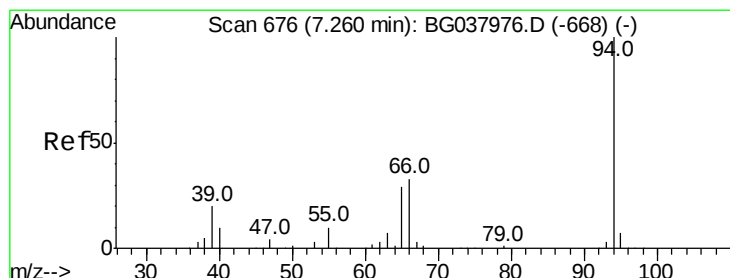
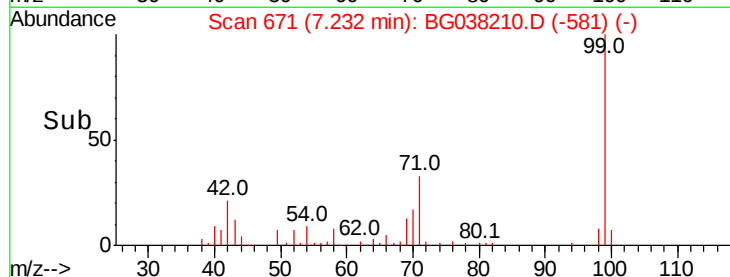
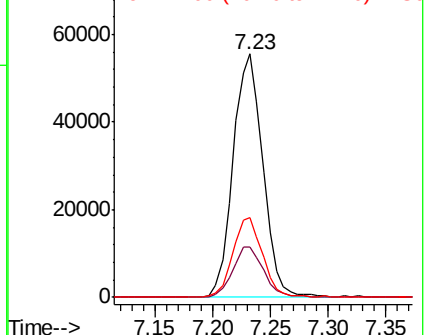
99 100

42 20.7 15.0 22.4

71 32.7 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: 4.781 ng

RT: 7.26 min Scan# 675

Delta R.T. -0.00 min

Lab File: BG038210.D

Acq: 28 Nov 2018 21:51

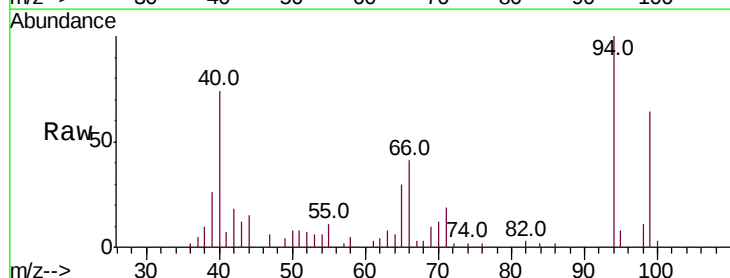
Tgt Ion: 94 Resp: 16163

Ion Ratio Lower Upper

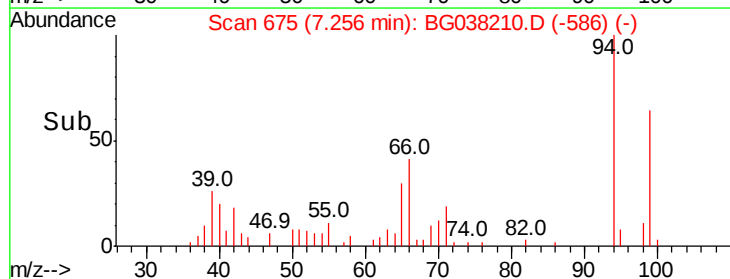
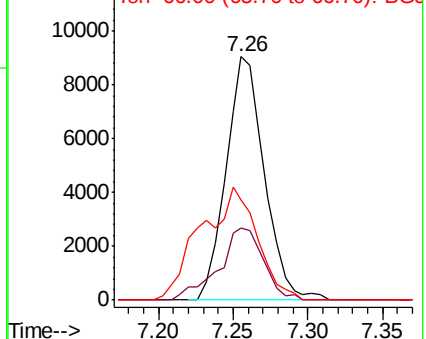
94 100

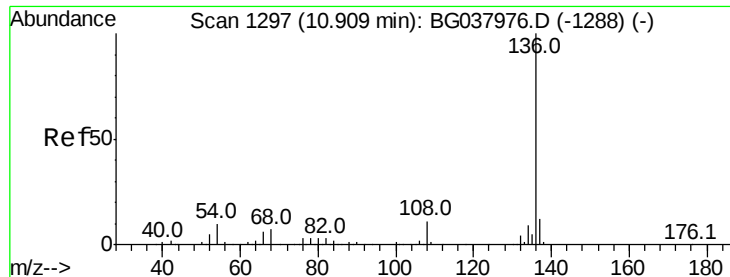
65 29.7 9.7 49.7

66 41.3 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# 1296

Delta R.T. -0.00 min

Lab File: BG038210.D

Acq: 28 Nov 2018 21:51

Instrument :

BNA_G

ClientSampleId :

112318-DBRI-F-D-S

Tot Ion:136 Resp: 180678

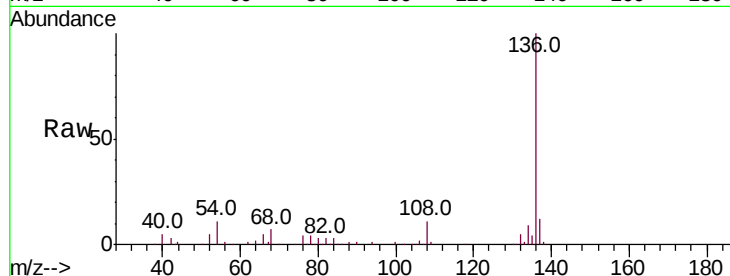
Ion Ratio Lower Upper

136 100

137 11.8 9.6 14.4

54 11.1 7.9 11.9

68 6.6 4.8 7.2

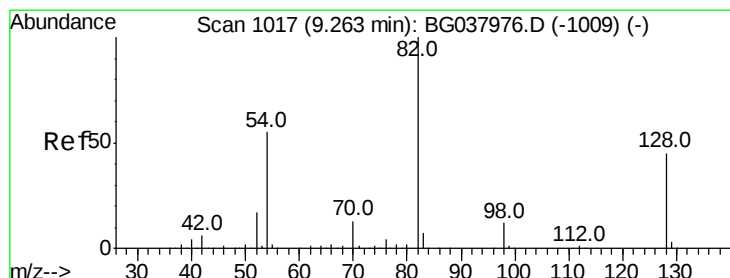
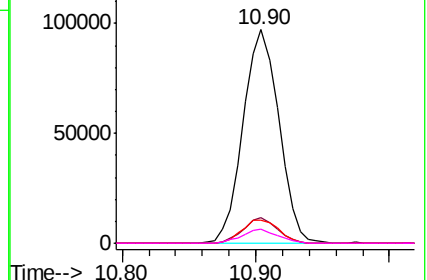
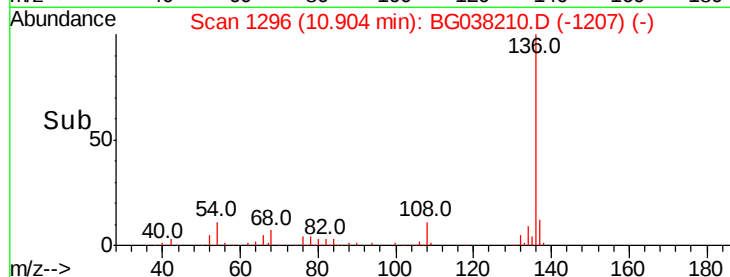


Abundance Ion 136.00 (135.70 to 136.70): E

150000 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: 89.521 ng

RT: 9.26 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BG038210.D

Acq: 28 Nov 2018 21:51

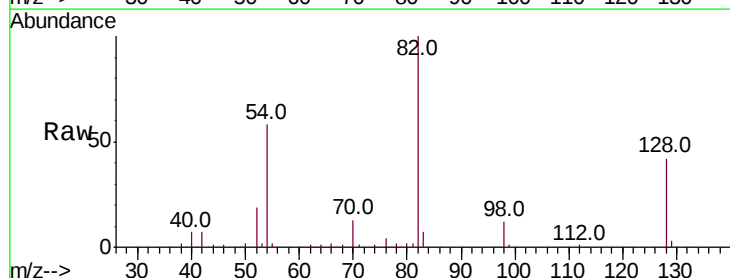
Tgt Ion: 82 Resp: 302156

Ion Ratio Lower Upper

82 100

128 41.5 34.6 51.8

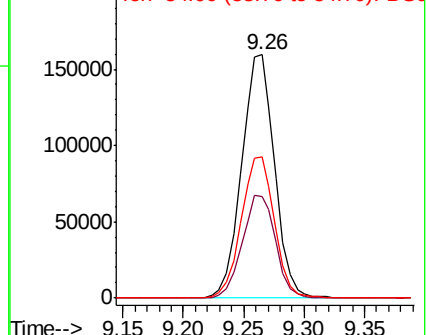
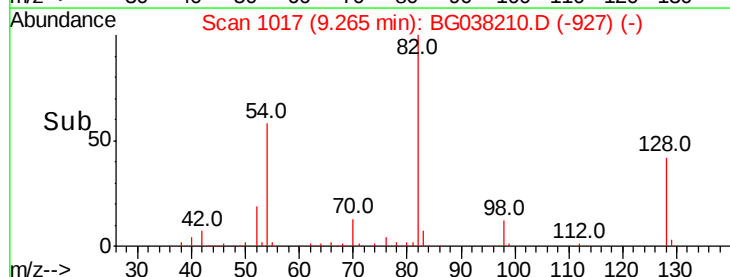
54 58.3 45.3 67.9



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: 14.72 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG038210.D

Acq: 28 Nov 2018 21:51

Instrument :

BNA_G

ClientSampleId :

112318-DBRI-F-D-S

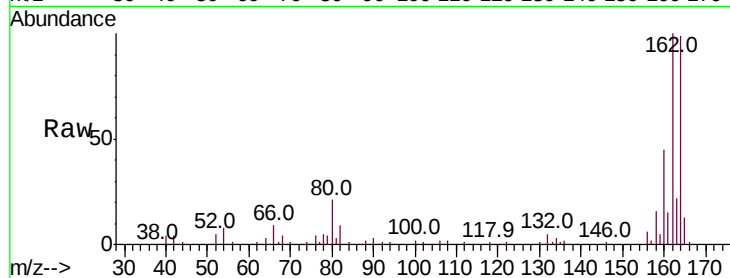
Tot Ion:164 Resp: 116014

Ion Ratio Lower Upper

164 100

162 101.0 81.3 121.9

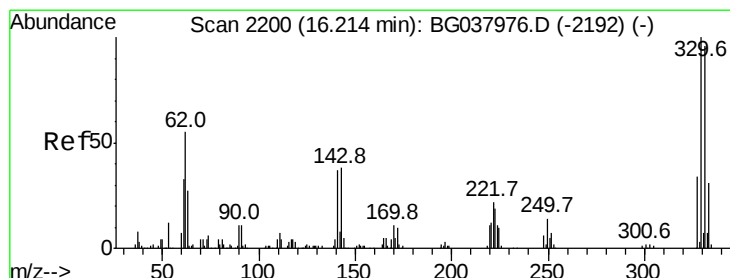
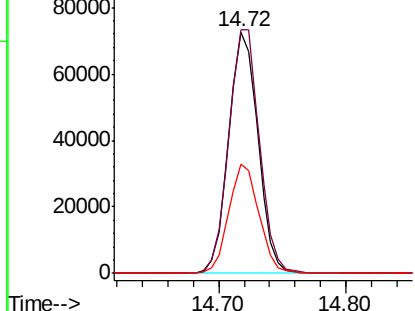
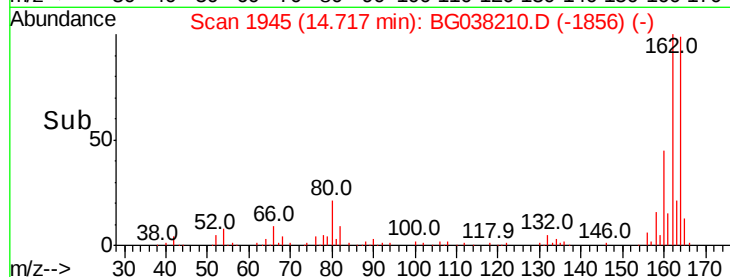
160 45.2 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 82.202 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BG038210.D

Acq: 28 Nov 2018 21:51

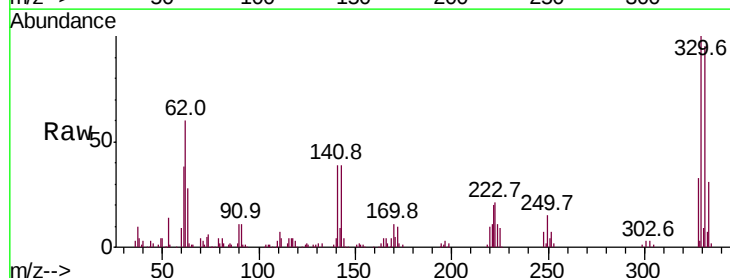
Tgt Ion:330 Resp: 108762

Ion Ratio Lower Upper

330 100

332 96.5 78.4 117.6

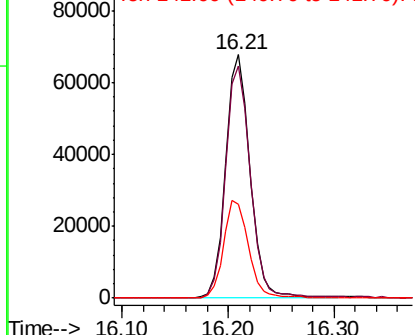
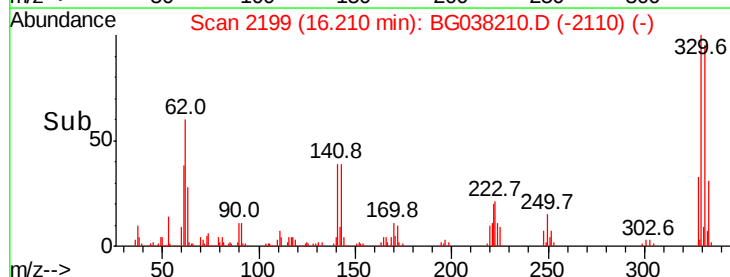
141 41.1 32.2 48.2



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

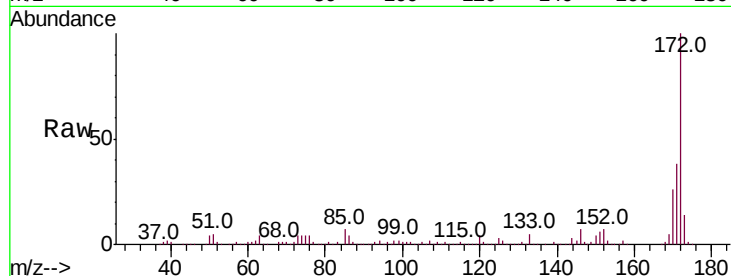




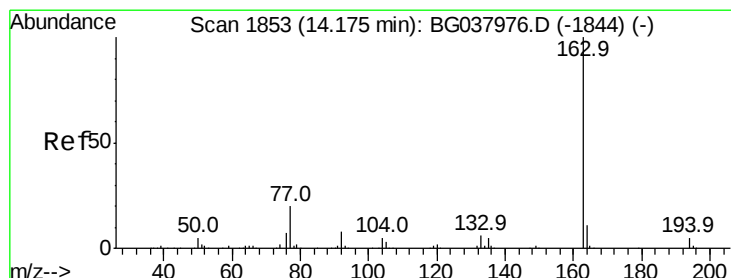
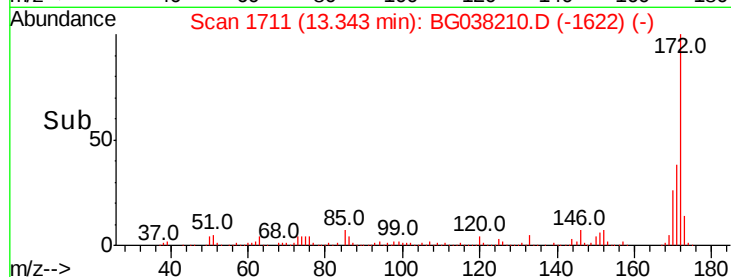
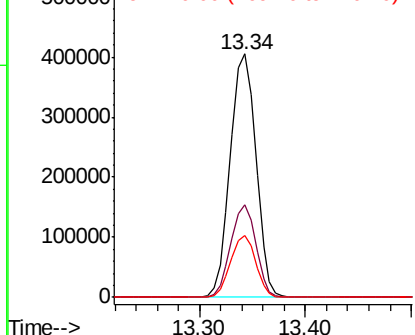
#45
2-Fluorobiphenyl
Concen: 85.824 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.00 min
Lab File: BG038210.D
Acq: 28 Nov 2018 21:51

Instrument :
BNA_G
ClientSampleId :
112318-DBRI-F-D-S

Tot Ion:172 Resp: 683442
Ion Ratio Lower Upper
172 100
171 38.1 31.0 46.4
170 25.6 20.2 30.2

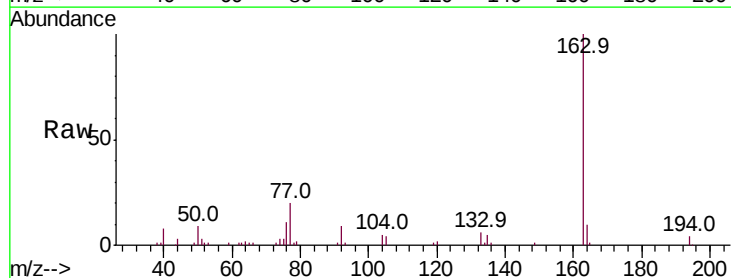


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

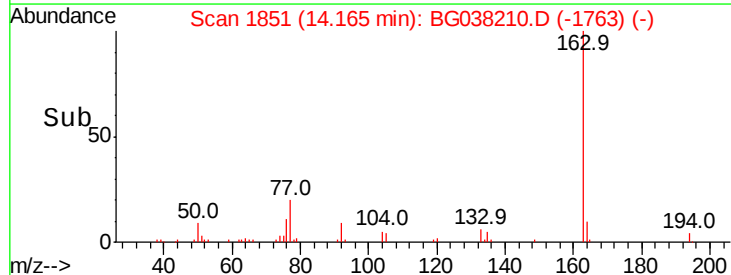
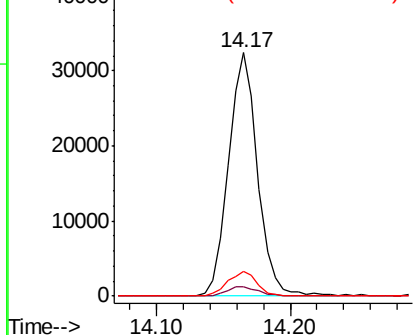


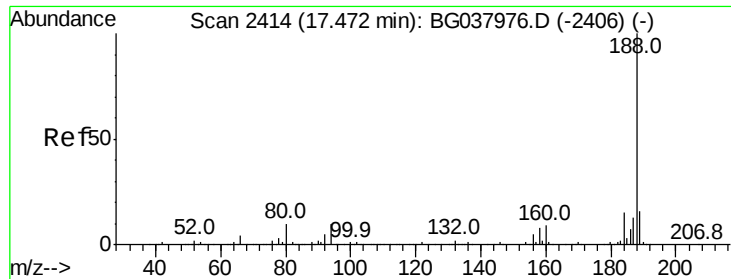
#50
Dimethylphthalate
Concen: 5.346 ng
RT: 14.17 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BG038210.D
Acq: 28 Nov 2018 21:51

Tgt Ion:163 Resp: 49171
Ion Ratio Lower Upper
163 100
194 3.6 3.5 5.3
164 10.0 8.5 12.7



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

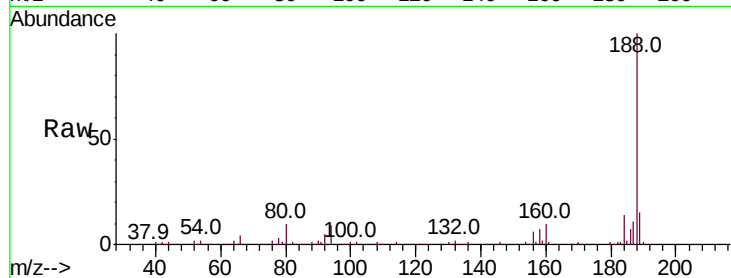




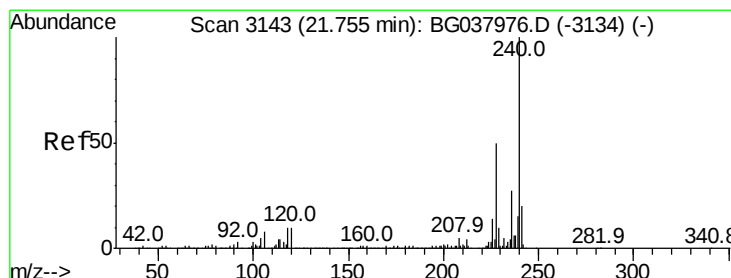
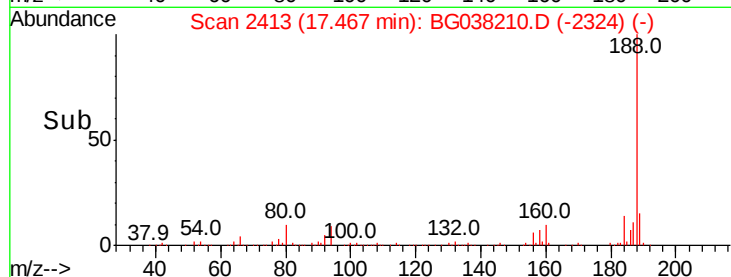
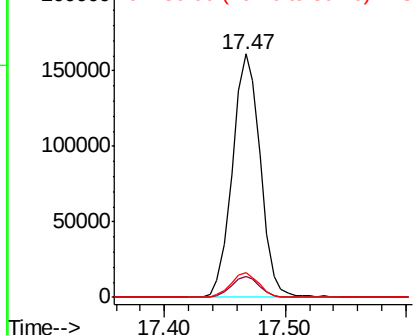
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BG038210.D
Acq: 28 Nov 2018 21:51

Instrument :
BNA_G
ClientSampleId :
112318-DBRI-F-D-S

Tot Ion:188 Resp: 258951
Ion Ratio Lower Upper
188 100
94 8.7 7.2 10.8
80 10.1 7.7 11.5

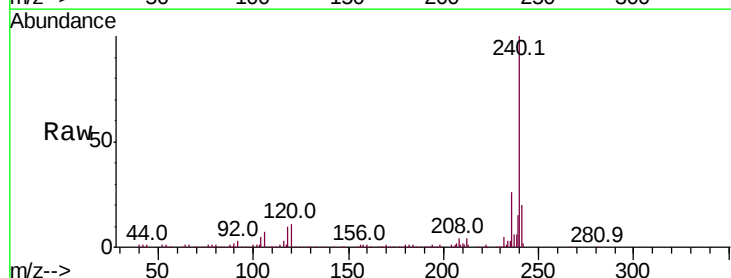


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

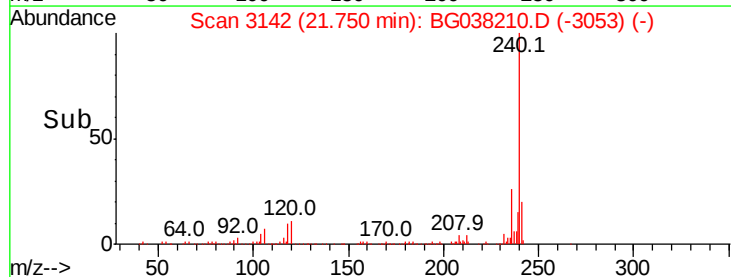
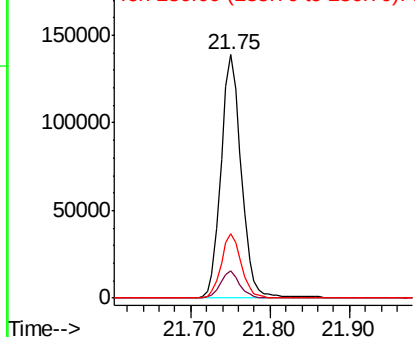


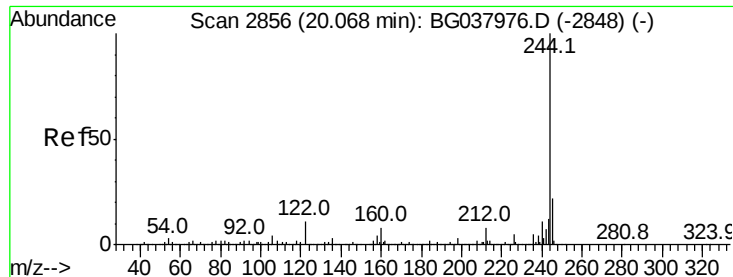
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG038210.D
Acq: 28 Nov 2018 21:51

Tgt Ion:240 Resp: 247856
Ion Ratio Lower Upper
240 100
120 11.1 8.1 12.1
236 26.4 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: 93.031 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038210.D

Acq: 28 Nov 2018 21:51

Instrument :

BNA_G

ClientSampleId :

112318-DBRI-F-D-S

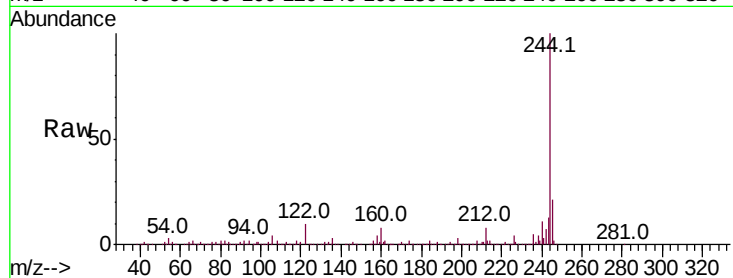
Tot Ion:244 Resp: 979946

Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

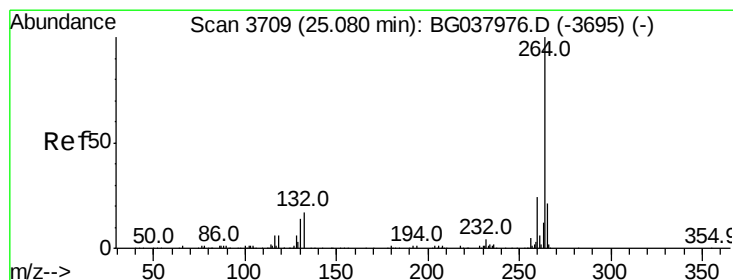
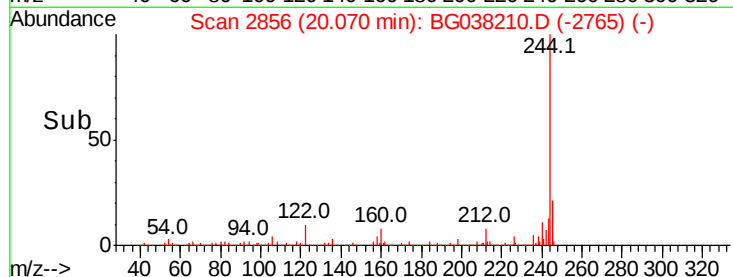
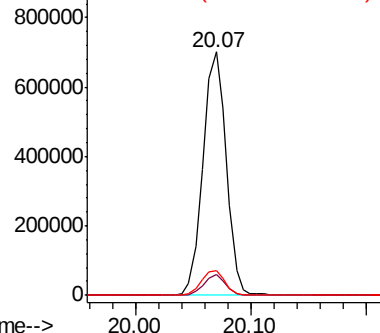
122 10.4 9.0 13.4



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

Perylene-d12

Concen: 20.000 ng

RT: 25.08 min Scan# 3708

Delta R.T. -0.00 min

Lab File: BG038210.D

Acq: 28 Nov 2018 21:51

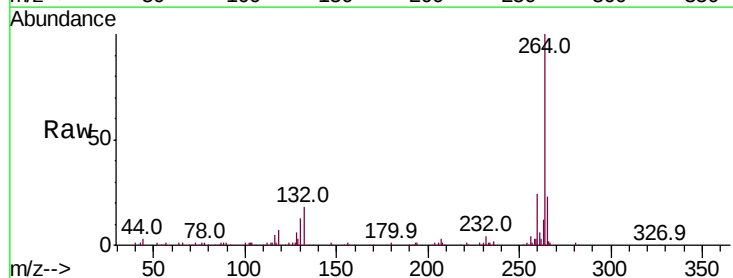
Tgt Ion:264 Resp: 237781

Ion Ratio Lower Upper

264 100

260 24.3 18.2 27.4

265 22.9 17.9 26.9



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

