

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112018\
 Data File : BG038101.D
 Acq On : 21 Nov 2018 2:40
 Operator : JU/SJ
 Sample : J5763-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-111918-A

Quant Time: Nov 21 04:14:38 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	8.09	152	49026	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	209995	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	132325	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	296486	20.00	ng	0.00
76) Chrysene-d12	21.75	240	291397	20.00	ng	0.00
87) Perylene-d12	25.07	264	291455	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	331776	116.84	ng	0.00
7) Phenol-d6	7.23	99	423898	104.58	ng	0.00
23) Nitrobenzene-d5	9.26	82	320199	81.62	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	134637	89.21	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	681935	75.08	ng	0.00
79) Terphenyl-d14	20.07	244	1099870	88.81	ng	0.00

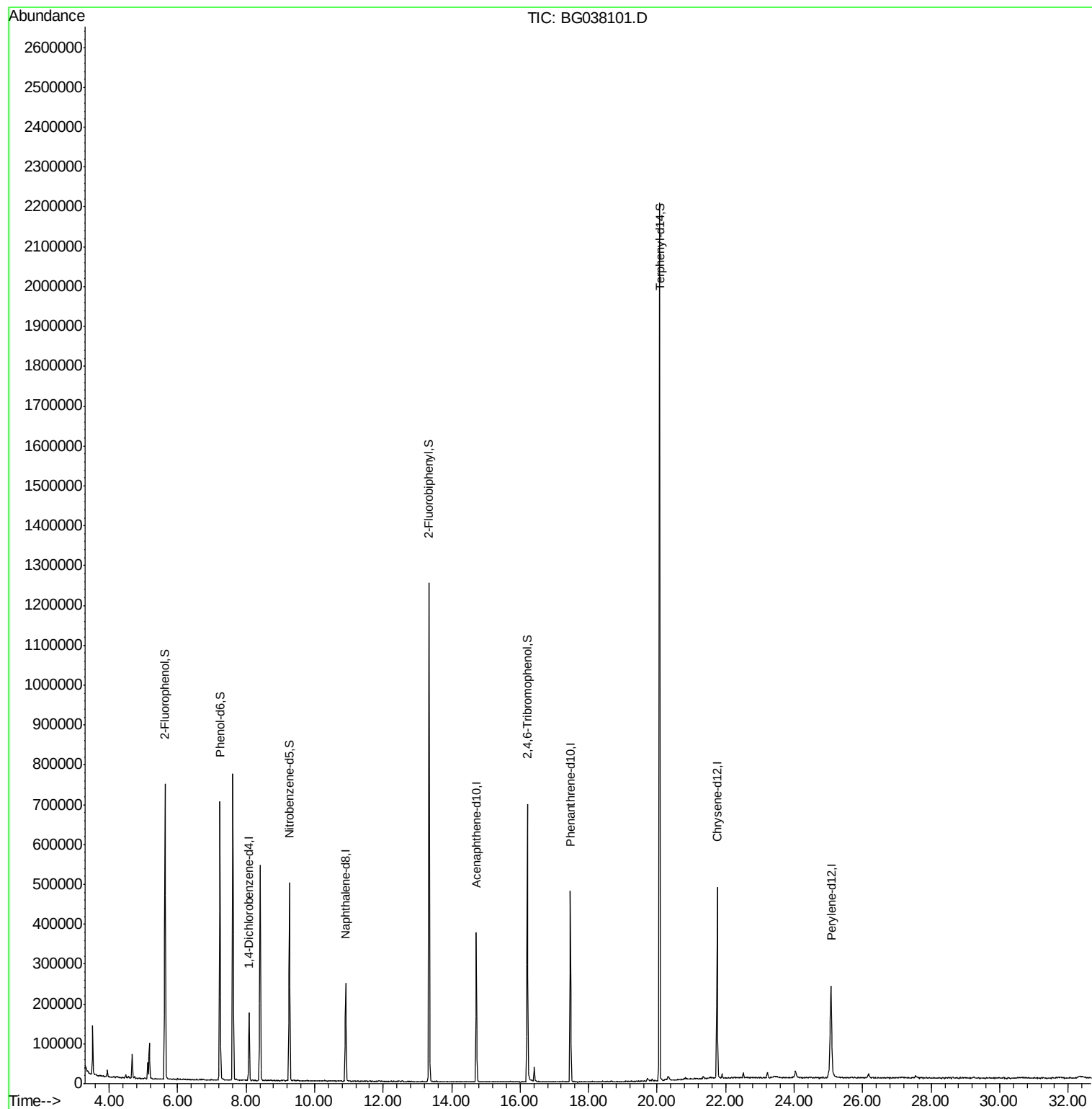
Target Compounds Qvalue

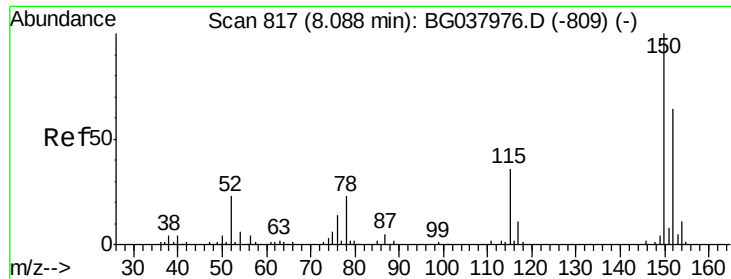
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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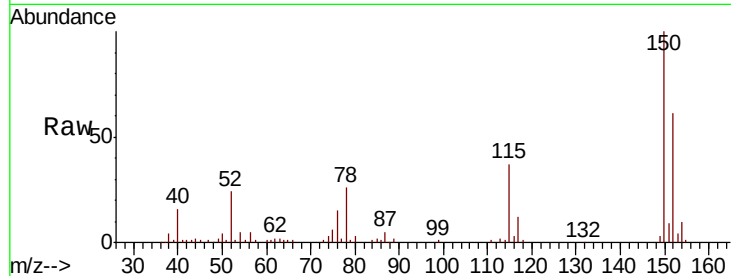


#1

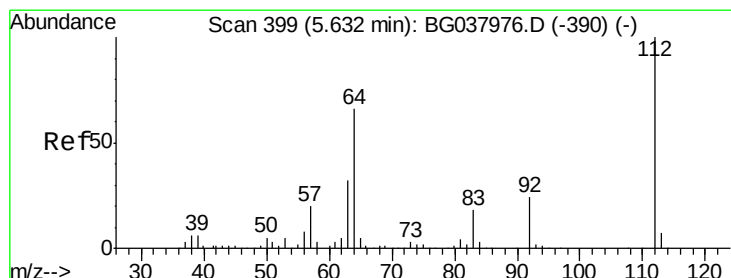
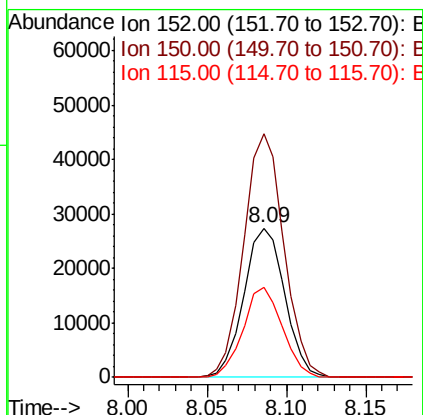
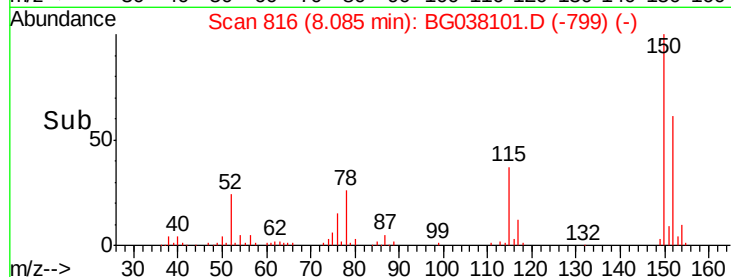
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 816
Delta R.T. -0.00 min
Lab File: BG038101.D
Acq: 21 Nov 2018 2:40

Instrument :
BNA_G
ClientSampleId :
HR-06-111918-A

Tot Ion:152 Resp: 49026
Ion Ratio Lower Upper
152 100
150 163.6 126.0 189.0
115 60.7 45.5 68.3



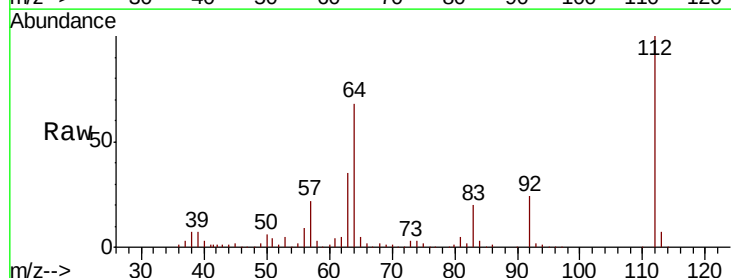
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



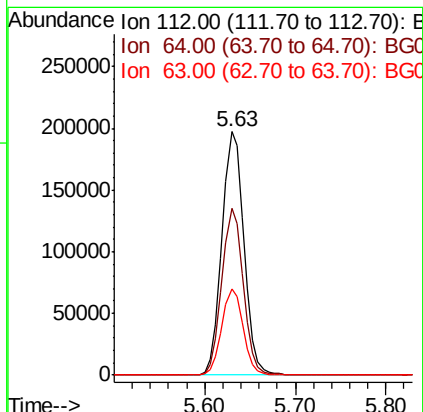
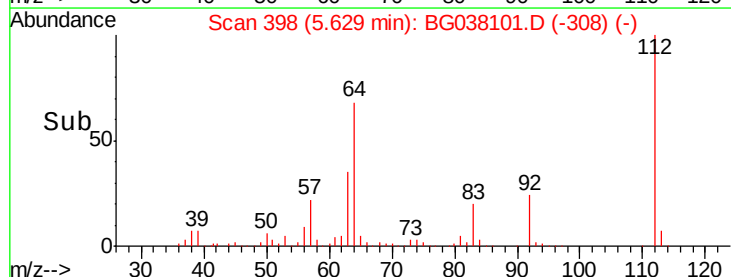
#5

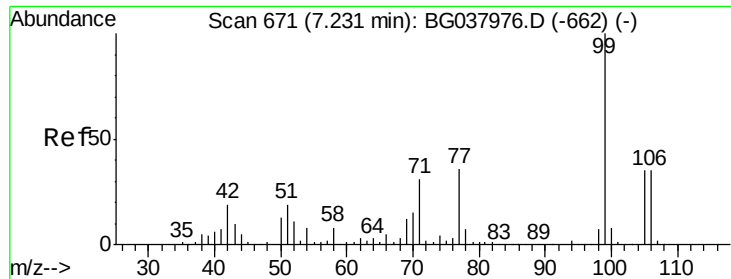
2-Fluorophenol
Concen: 116.843 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.00 min
Lab File: BG038101.D
Acq: 21 Nov 2018 2:40

Tgt Ion:112 Resp: 331776
Ion Ratio Lower Upper
112 100
64 68.4 53.1 79.7
63 35.5 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: 104.583 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038101.D

Acq: 21 Nov 2018 2:40

Instrument :

BNA_G

ClientSampleId :

HR-06-111918-A

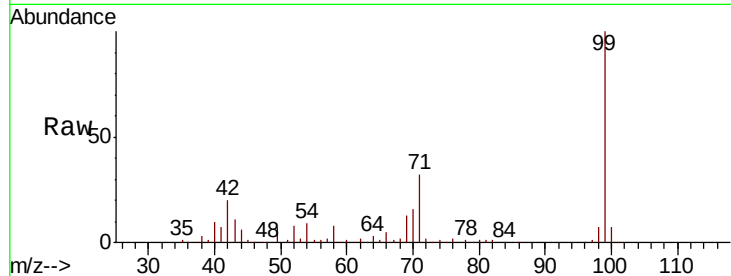
Tot Ion: 99 Resp: 423898

Ion Ratio Lower Upper

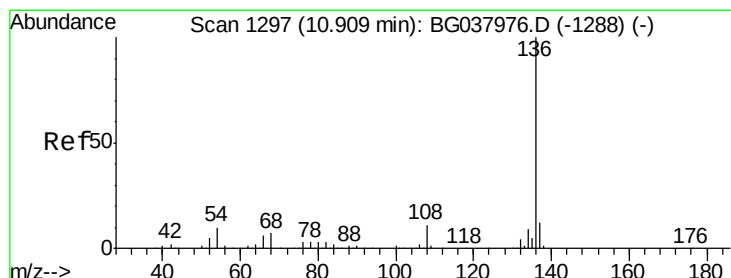
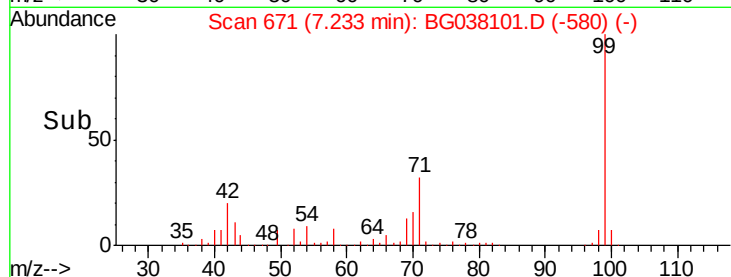
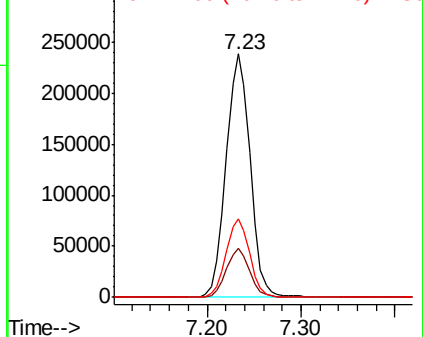
99 100

42 19.9 15.0 22.4

71 32.2 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.91 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BG038101.D

Acq: 21 Nov 2018 2:40

Tgt Ion: 136 Resp: 209995

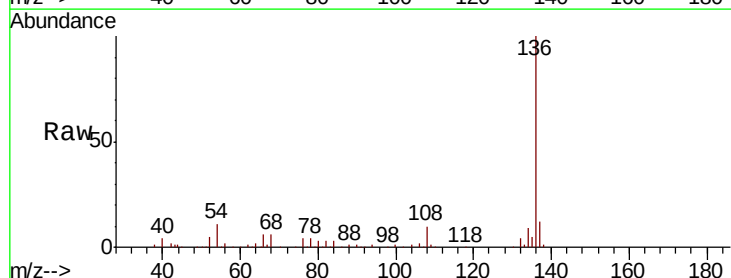
Ion Ratio Lower Upper

136 100

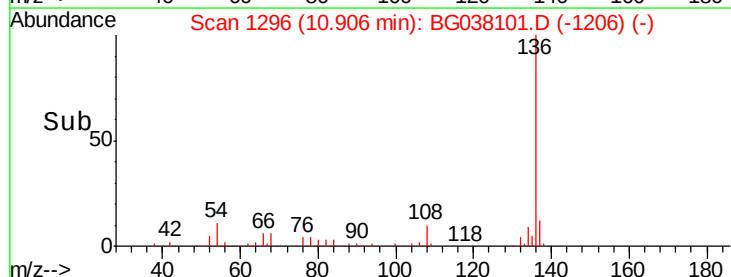
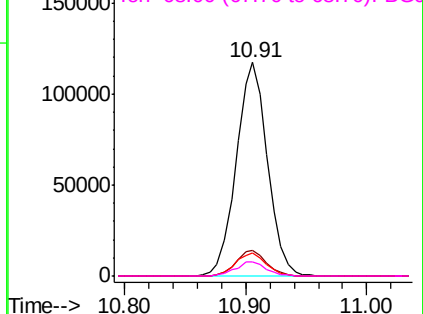
137 11.9 9.6 14.4

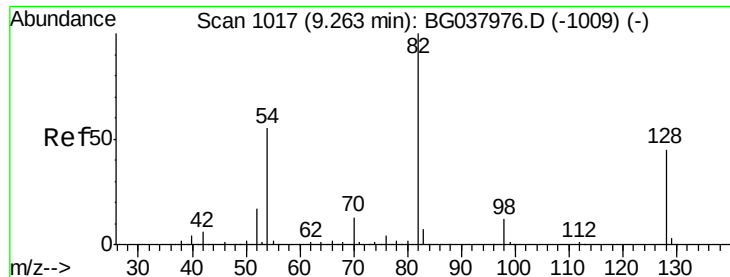
54 10.7 7.9 11.9

68 6.4 4.8 7.2



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: 81.623 ng

RT: 9.26 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BG038101.D

Acq: 21 Nov 2018 2:40

Instrument :

BNA_G

ClientSampleId :

HR-06-111918-A

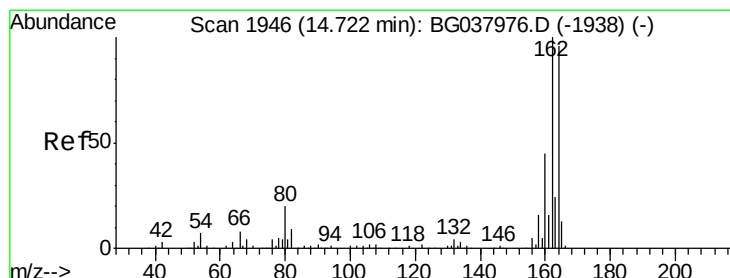
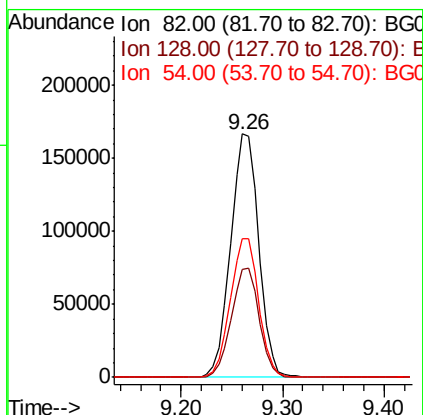
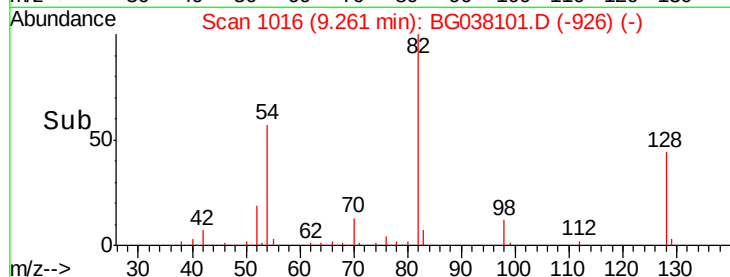
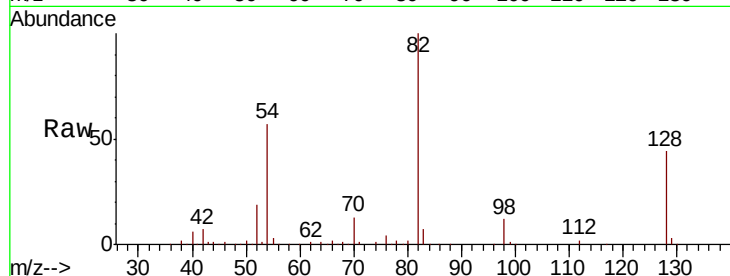
Tot Ion: 82 Resp: 320199

Ion Ratio Lower Upper

82 100

128 44.4 34.6 51.8

54 57.1 45.3 67.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG038101.D

Acq: 21 Nov 2018 2:40

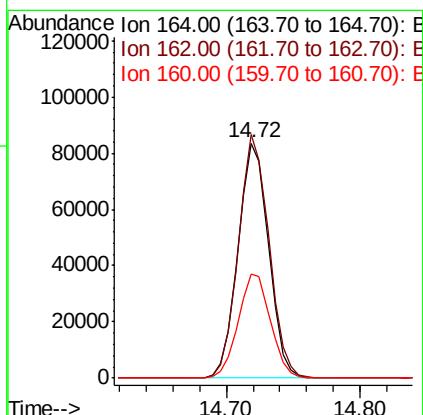
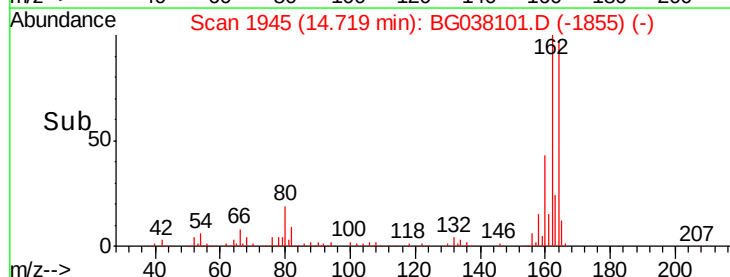
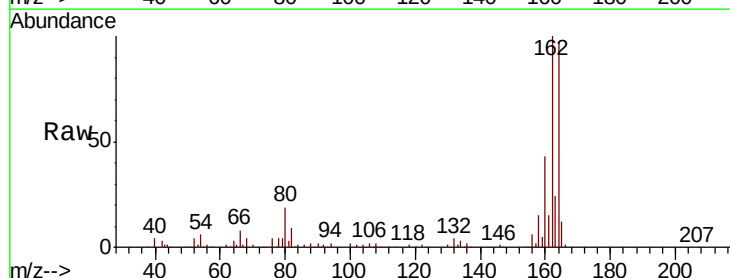
Tgt Ion:164 Resp: 132325

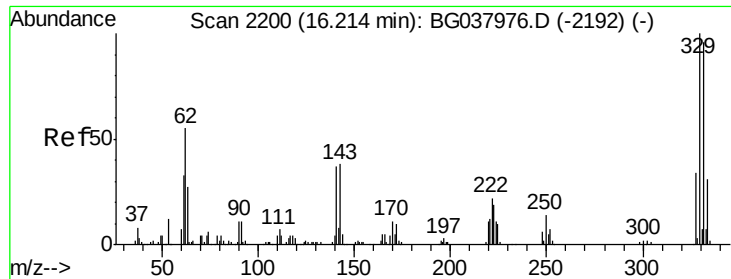
Ion Ratio Lower Upper

164 100

162 103.5 81.3 121.9

160 44.1 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 89.215 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BG038101.D

Acq: 21 Nov 2018 2:40

Instrument :

BNA_G

ClientSampleId :

HR-06-111918-A

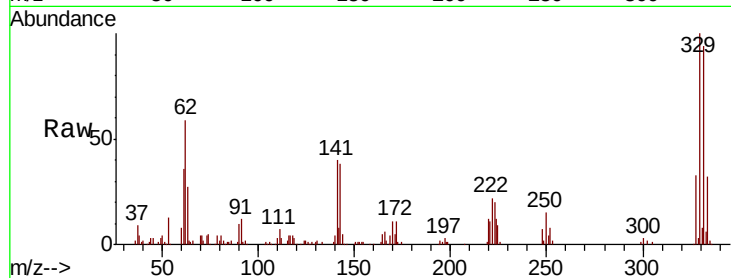
Tot Ion:330 Resp: 134637

Ion Ratio Lower Upper

330 100

332 96.3 78.4 117.6

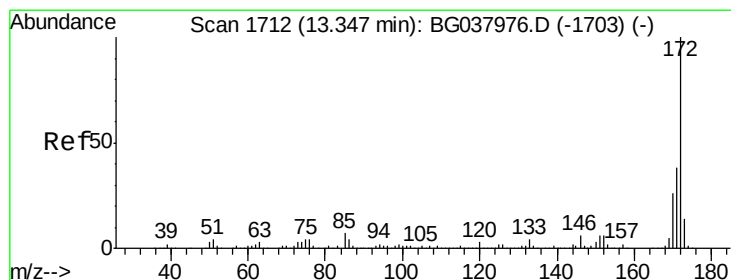
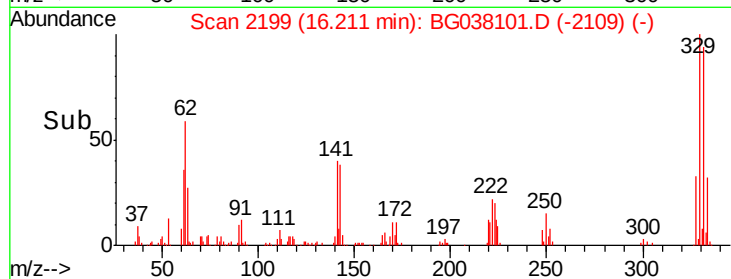
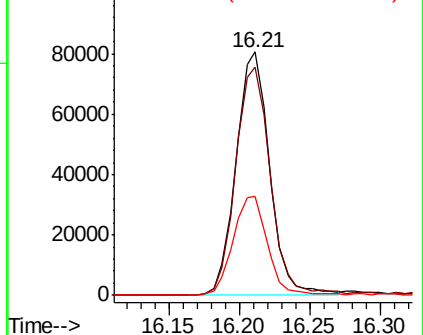
141 41.8 32.2 48.2



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: 75.079 ng

RT: 13.34 min Scan# 1710

Delta R.T. -0.01 min

Lab File: BG038101.D

Acq: 21 Nov 2018 2:40

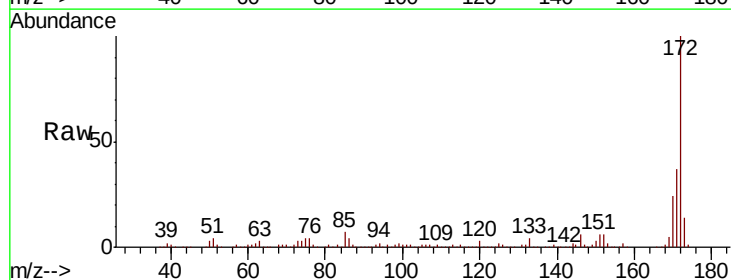
Tgt Ion:172 Resp: 681935

Ion Ratio Lower Upper

172 100

171 36.8 31.0 46.4

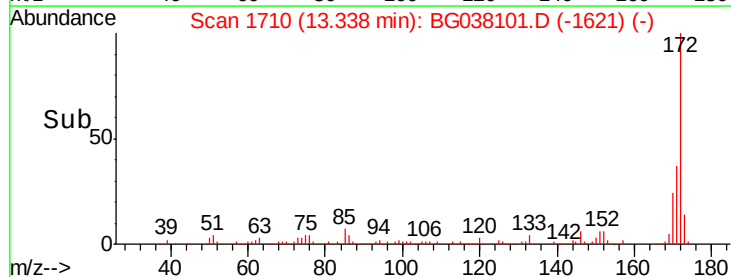
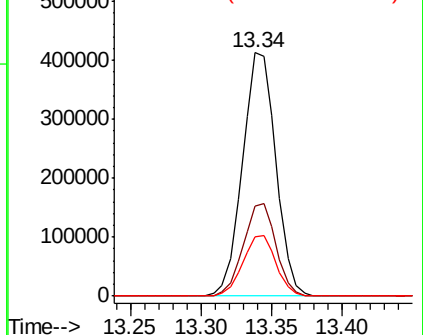
170 24.4 20.2 30.2

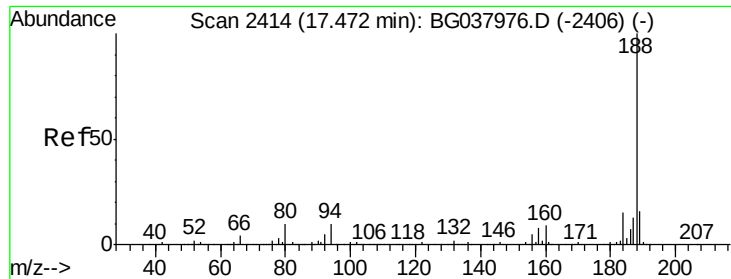


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

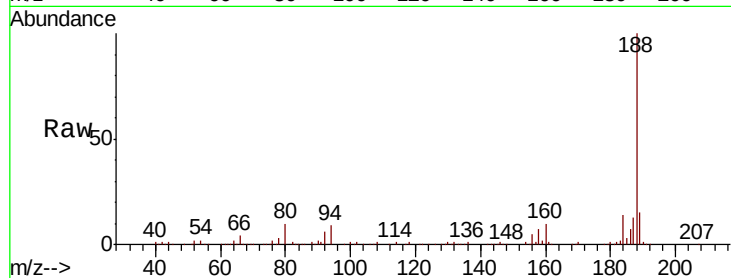




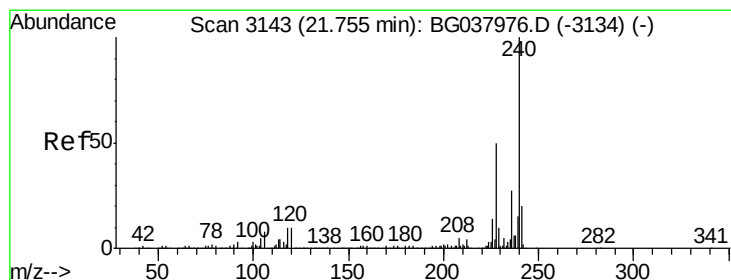
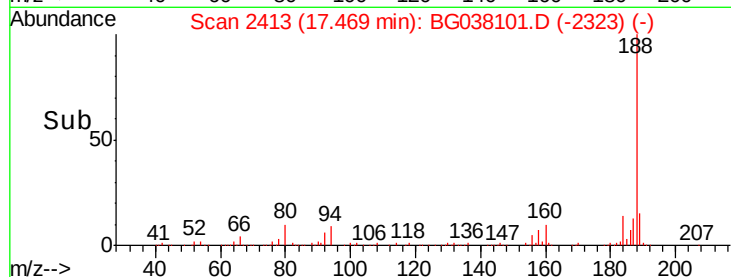
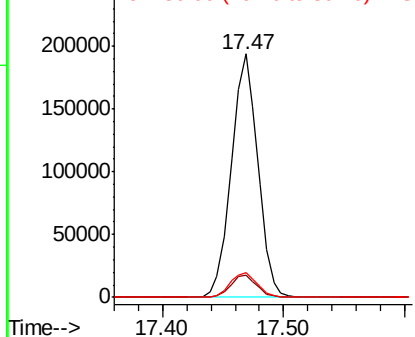
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BG038101.D
Acq: 21 Nov 2018 2:40

Instrument :
BNA_G
ClientSampleId :
HR-06-111918-A

Tot Ion:188 Resp: 296486
Ion Ratio Lower Upper
188 100
94 8.9 7.2 10.8
80 10.1 7.7 11.5

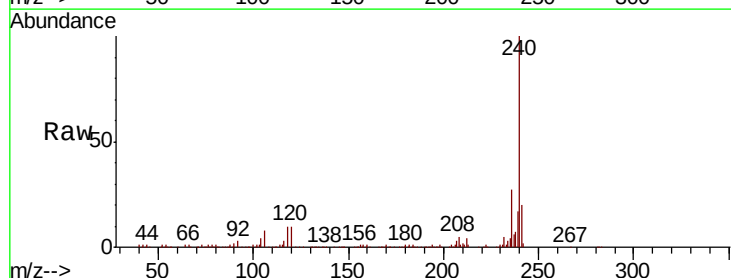


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

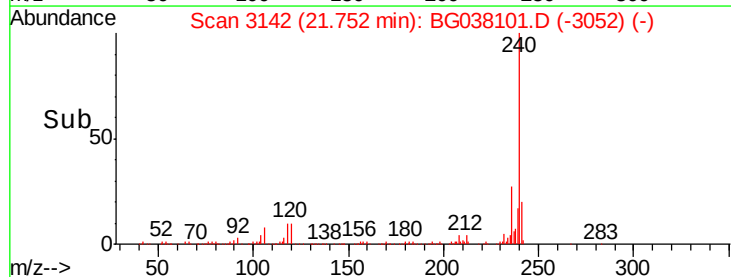
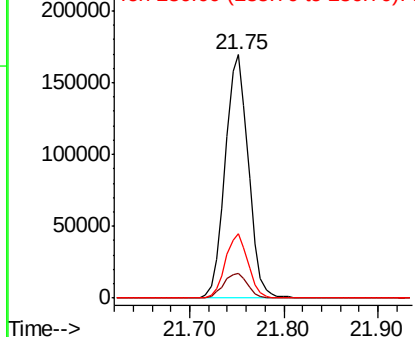


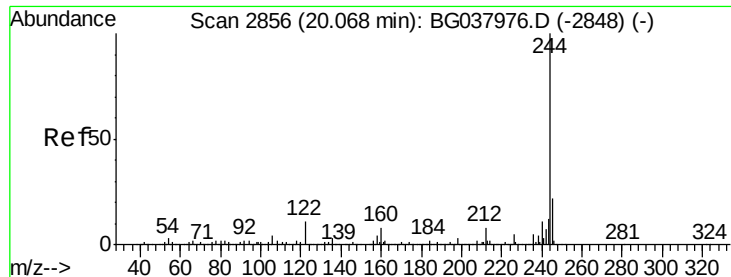
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG038101.D
Acq: 21 Nov 2018 2:40

Tgt Ion:240 Resp: 291397
Ion Ratio Lower Upper
240 100
120 10.3 8.1 12.1
236 26.7 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: 88.814 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038101.D

Acq: 21 Nov 2018 2:40

Instrument :

BNA_G

ClientSampleId :

HR-06-111918-A

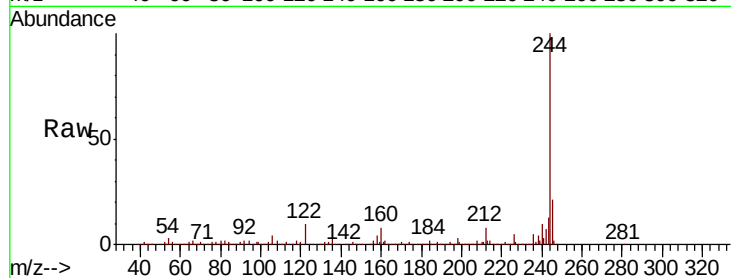
Tot Ion:244 Resp: 1099870

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

122 10.0 9.0 13.4

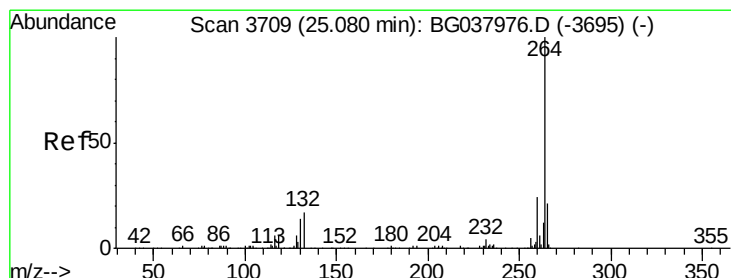
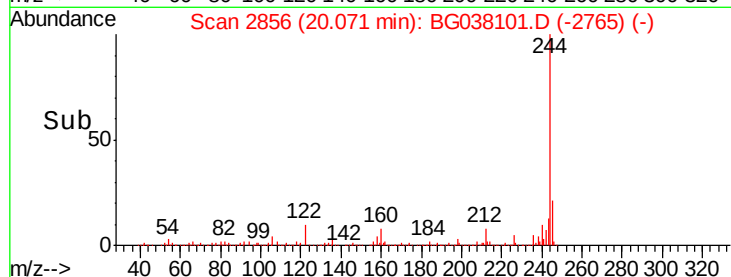
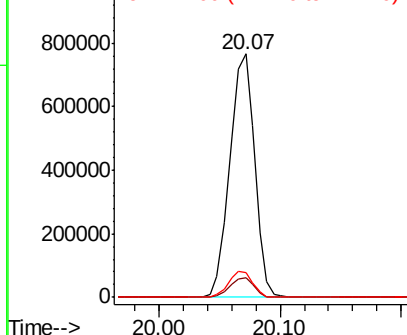


Abundance

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: 25.07 min Scan# 3707

Delta R.T. -0.01 min

Lab File: BG038101.D

Acq: 21 Nov 2018 2:40

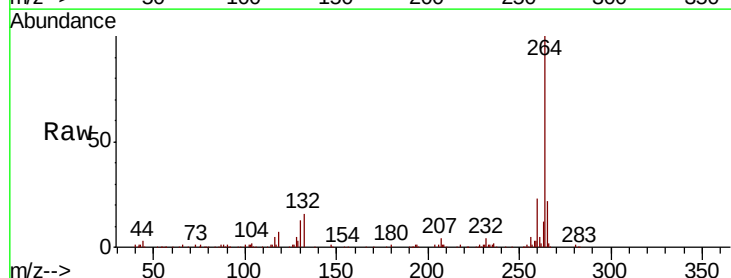
Tgt Ion:264 Resp: 291455

Ion Ratio Lower Upper

264 100

260 22.8 18.2 27.4

265 21.6 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

