

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112018\
 Data File : BG038104.D
 Acq On : 21 Nov 2018 4:37
 Operator : JU/SJ
 Sample : J5763-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Nov 21 07:26:33 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	44756	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	186443	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	118511	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	270069	20.00	ng	0.00
76) Chrysene-d12	21.75	240	263277	20.00	ng	0.00
87) Perylene-d12	25.08	264	256135	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	294303	113.53	ng	0.00
7) Phenol-d6	7.23	99	366751	99.12	ng	0.00
23) Nitrobenzene-d5	9.26	82	297463	85.41	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	133800	98.99	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	638814	78.53	ng	0.00
79) Terphenyl-d14	20.07	244	1023054	91.43	ng	0.00

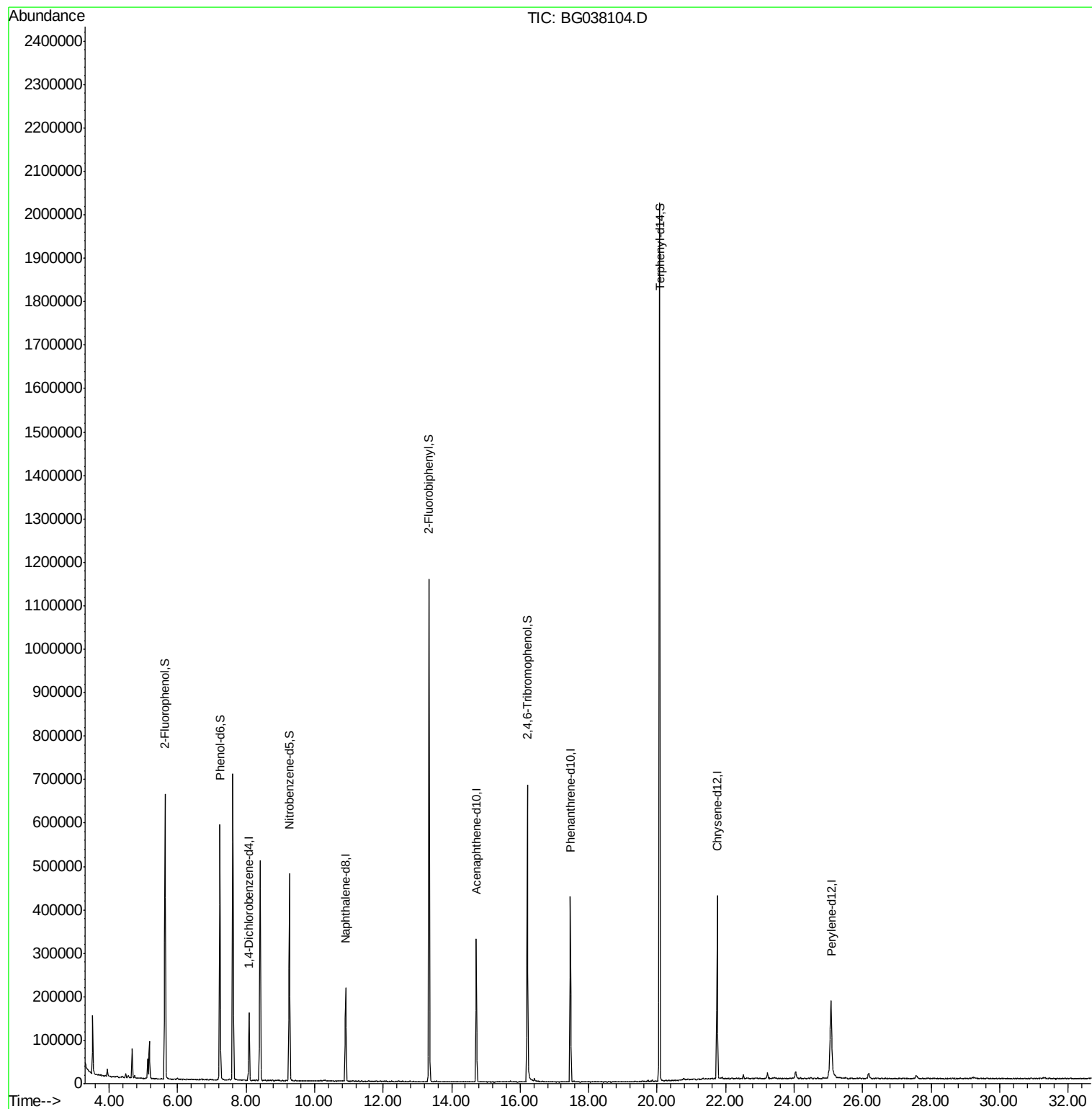
Target Compounds Qvalue

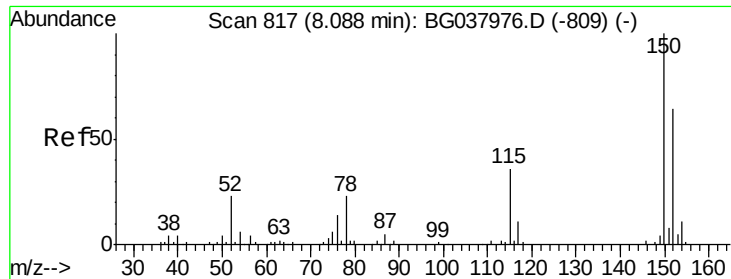
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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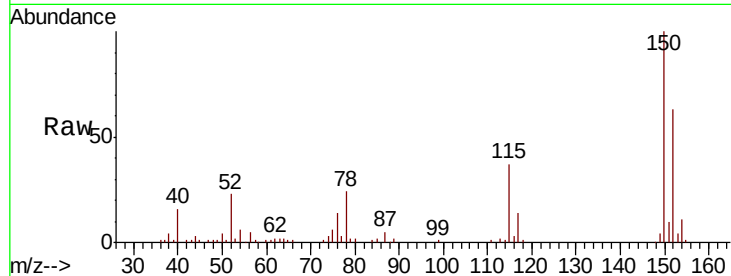


#1

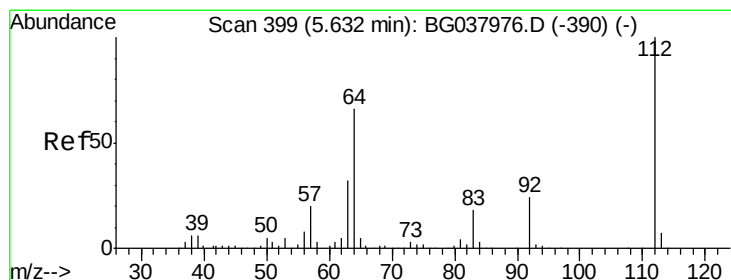
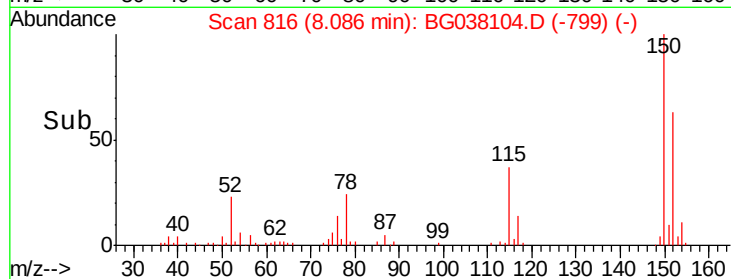
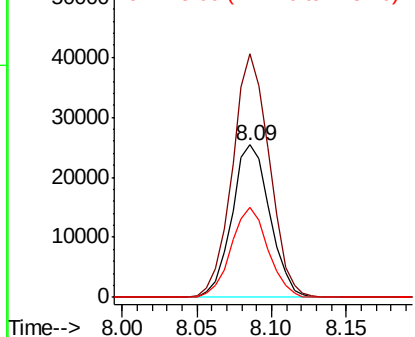
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 816
Delta R.T. -0.00 min
Lab File: BG038104.D
Acq: 21 Nov 2018 4:37

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

Tot Ion:152 Resp: 44756
Ion Ratio Lower Upper
152 100
150 159.9 126.0 189.0
115 58.8 45.5 68.3



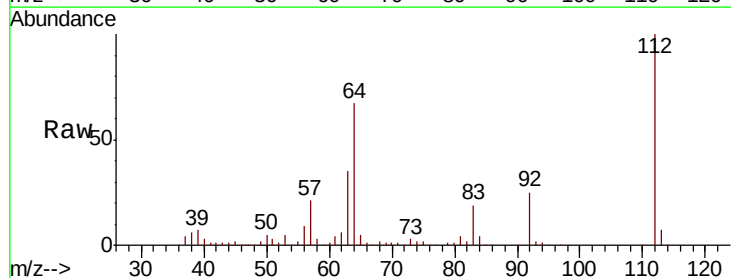
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



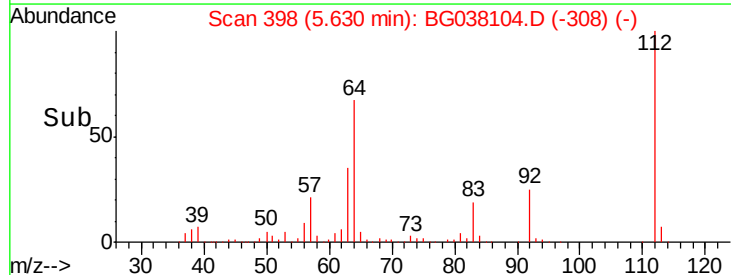
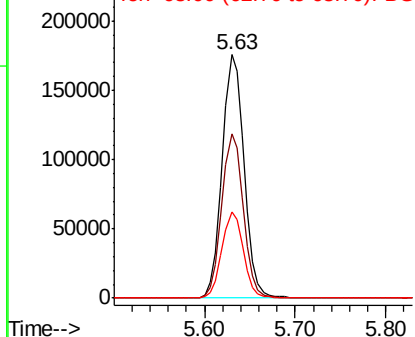
#5

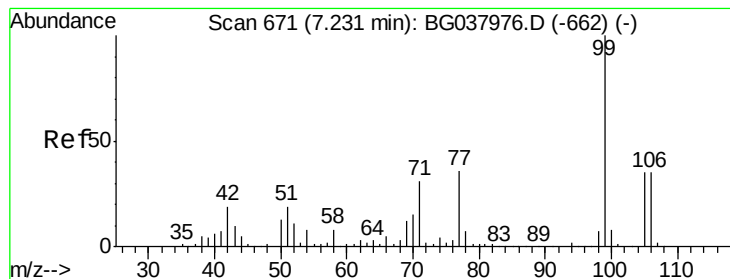
2-Fluorophenol
Concen: 113.534 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.00 min
Lab File: BG038104.D
Acq: 21 Nov 2018 4:37

Tgt Ion:112 Resp: 294303
Ion Ratio Lower Upper
112 100
64 67.3 53.1 79.7
63 35.4 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: 99.116 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038104.D

Acq: 21 Nov 2018 4:37

Instrument :

BNA_G

ClientSampleId :

HR-06-111918-B

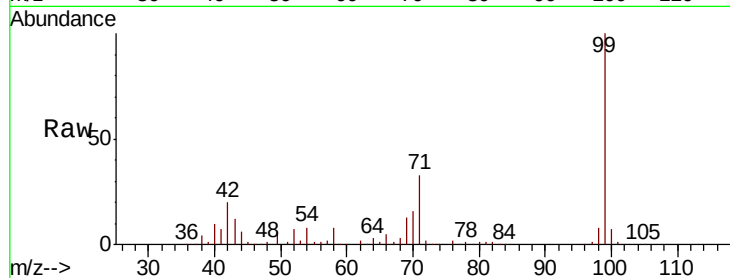
Tot Ion: 99 Resp: 366751

Ion Ratio Lower Upper

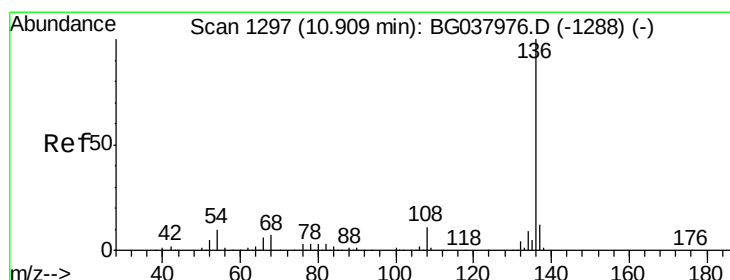
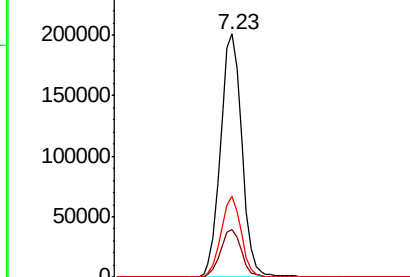
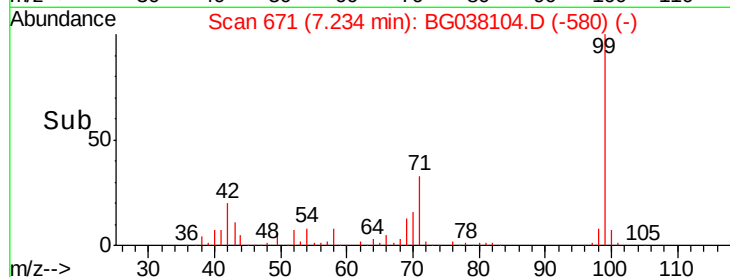
99 100

42 19.6 15.0 22.4

71 33.3 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: BG038104.D

Acq: 21 Nov 2018 4:37

Tgt Ion: 136 Resp: 186443

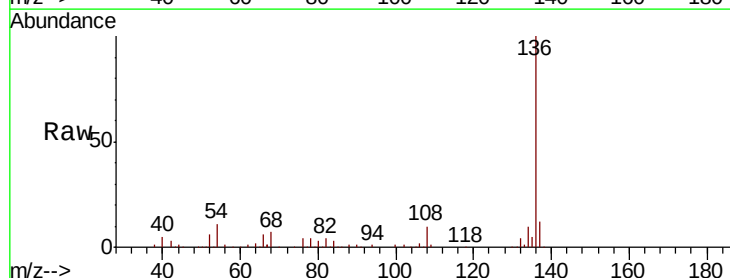
Ion Ratio Lower Upper

136 100

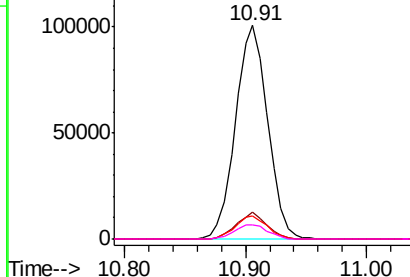
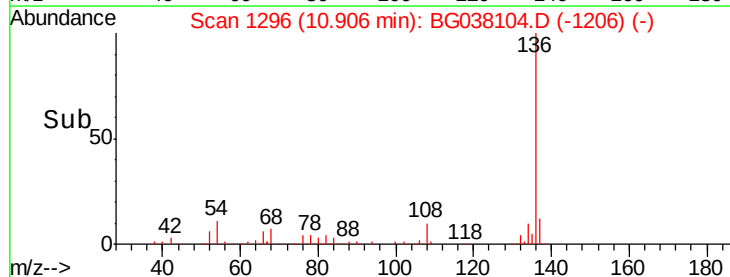
137 12.4 9.6 14.4

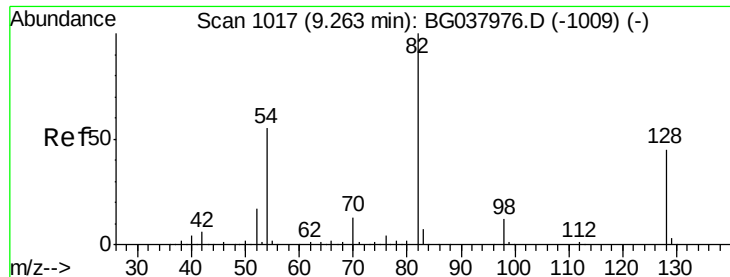
54 11.0 7.9 11.9

68 6.8 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

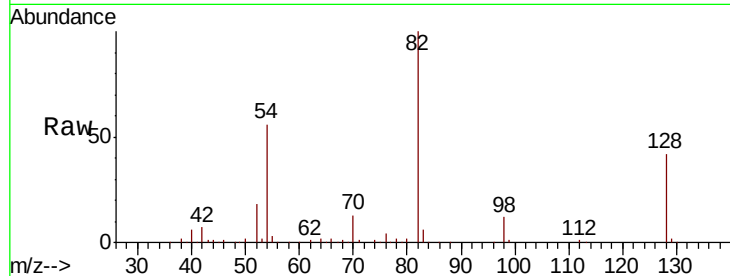




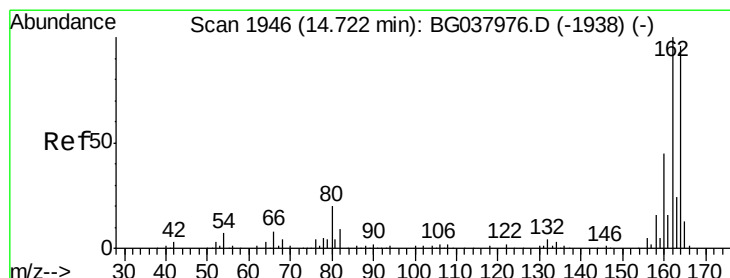
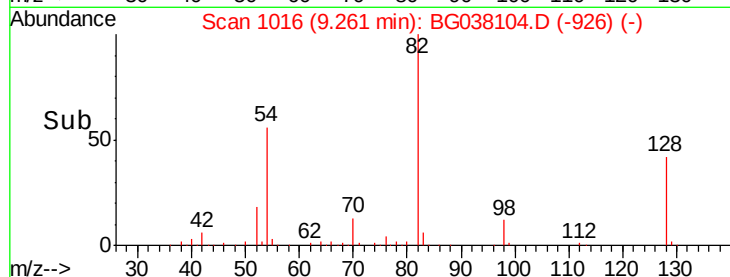
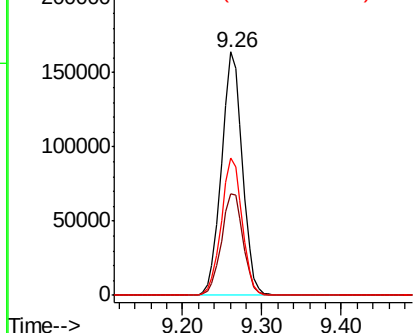
#23
Nitrobenzene-d5
Concen: 85.406 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG038104.D
Acq: 21 Nov 2018 4:37

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

Tot Ion: 82 Resp: 297463
Ion Ratio Lower Upper
82 100
128 41.7 34.6 51.8
54 56.4 45.3 67.9

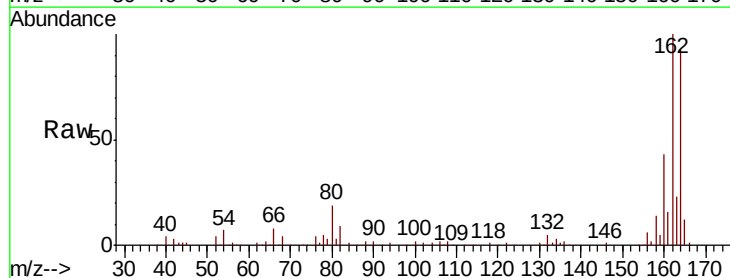


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

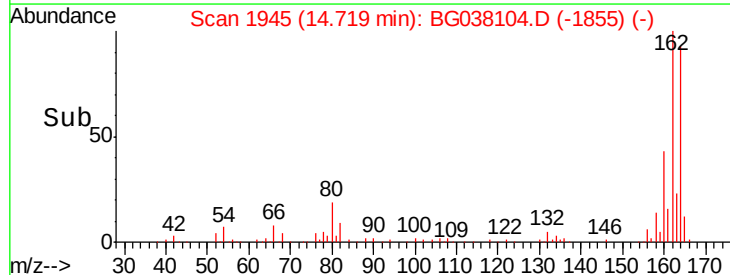
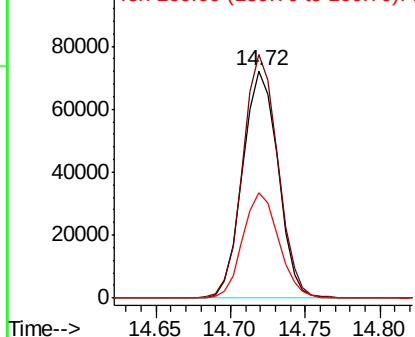


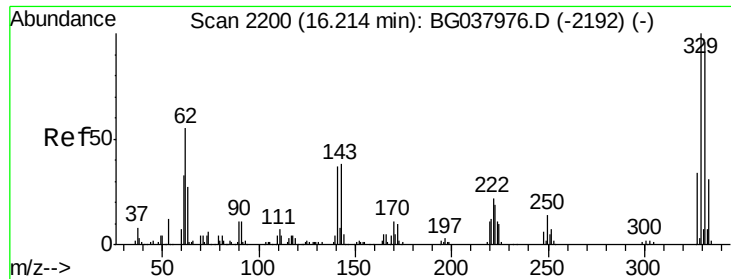
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG038104.D
Acq: 21 Nov 2018 4:37

Tgt Ion:164 Resp: 118511
Ion Ratio Lower Upper
164 100
162 107.3 81.3 121.9
160 46.5 36.3 54.5



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





#42

2,4,6-Tribromophenol

Concen: 98.995 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BG038104.D

Acq: 21 Nov 2018 4:37

Instrument :

BNA_G

ClientSampleId :

HR-06-111918-B

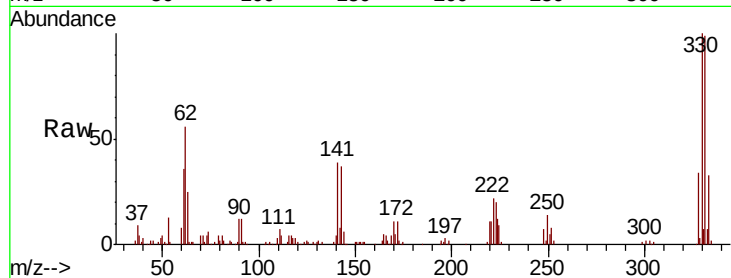
Tot Ion:330 Resp: 133800

Ion Ratio Lower Upper

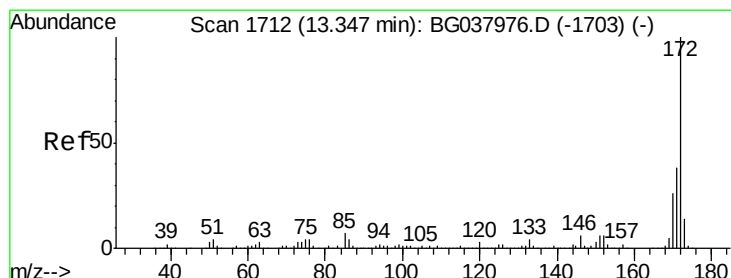
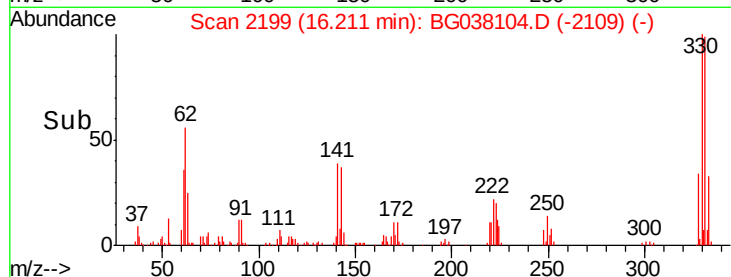
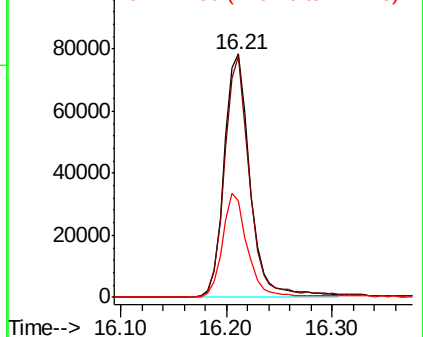
330 100

332 98.1 78.4 117.6

141 41.0 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: 78.529 ng

RT: 13.34 min Scan# 1710

Delta R.T. -0.01 min

Lab File: BG038104.D

Acq: 21 Nov 2018 4:37

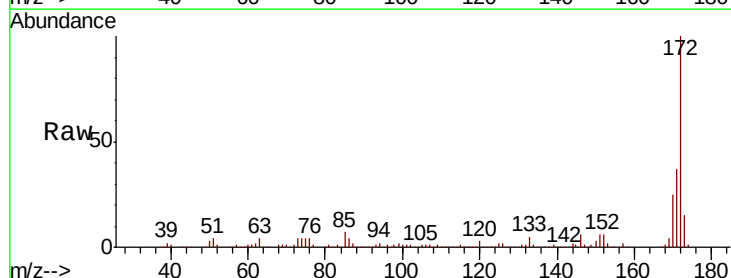
Tgt Ion:172 Resp: 638814

Ion Ratio Lower Upper

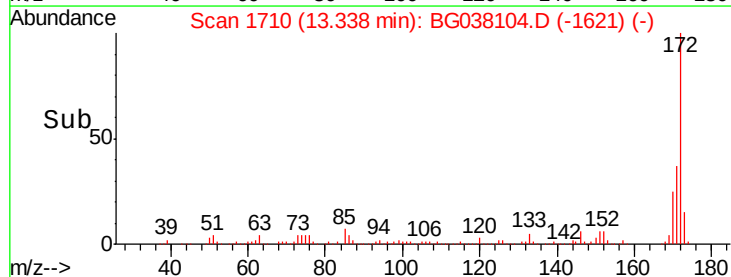
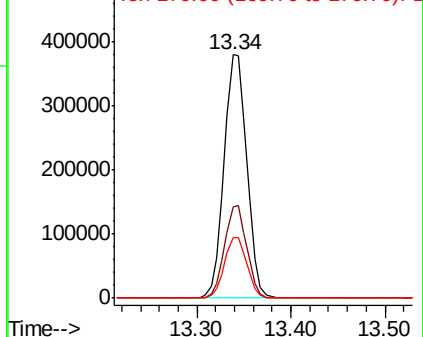
172 100

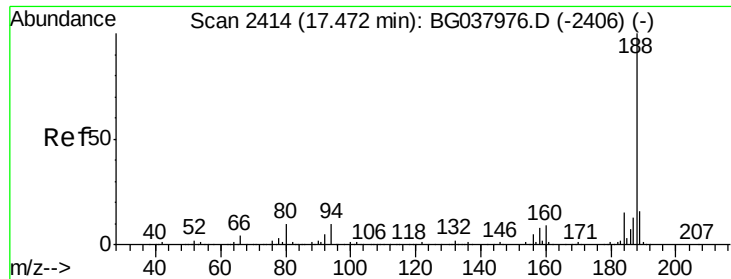
171 37.3 31.0 46.4

170 24.9 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

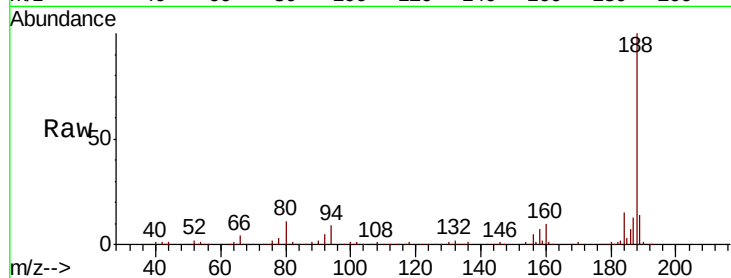




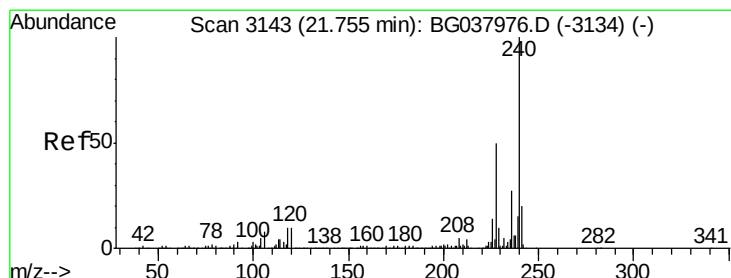
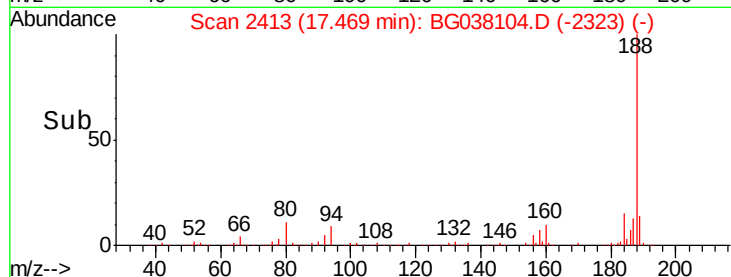
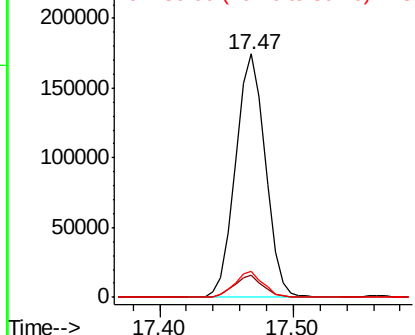
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BG038104.D
Acq: 21 Nov 2018 4:37

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

Tot Ion:188 Resp: 270069
Ion Ratio Lower Upper
188 100
94 8.9 7.2 10.8
80 10.7 7.7 11.5

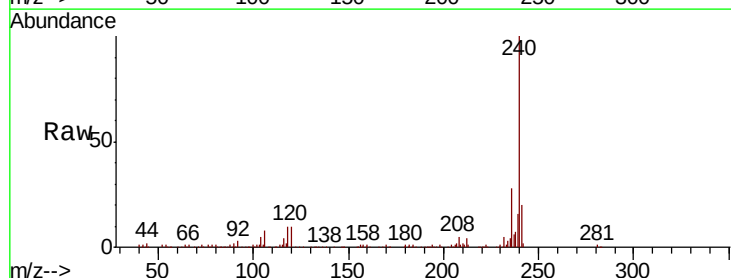


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

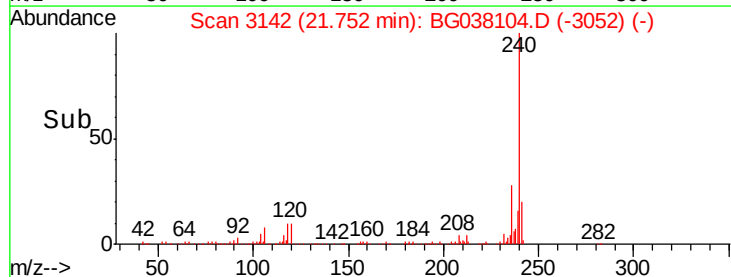
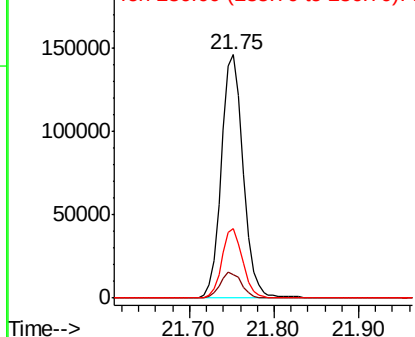


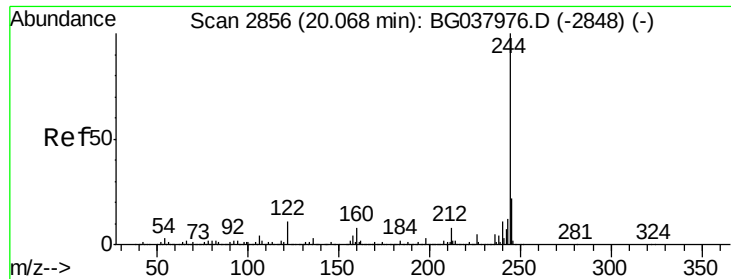
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG038104.D
Acq: 21 Nov 2018 4:37

Tgt Ion:240 Resp: 263277
Ion Ratio Lower Upper
240 100
120 9.6 8.1 12.1
236 28.5 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: 91.434 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038104.D

Acq: 21 Nov 2018 4:37

Instrument :

BNA_G

ClientSampleId :

HR-06-111918-B

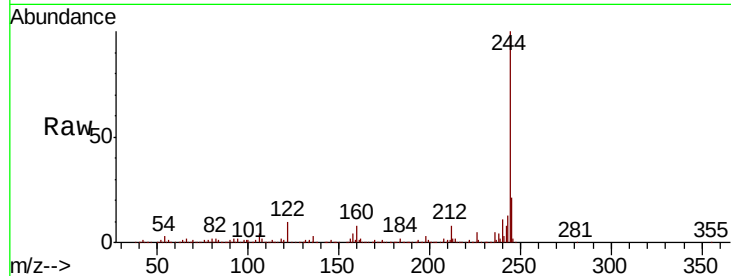
Tot Ion:244 Resp: 1023054

Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

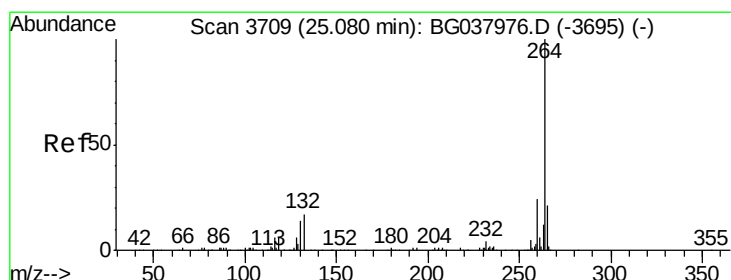
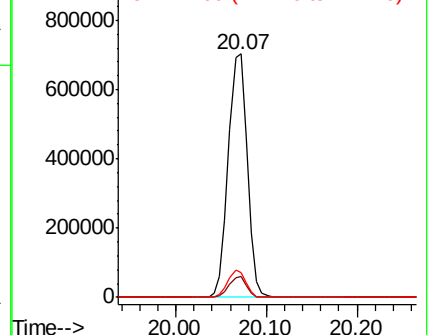
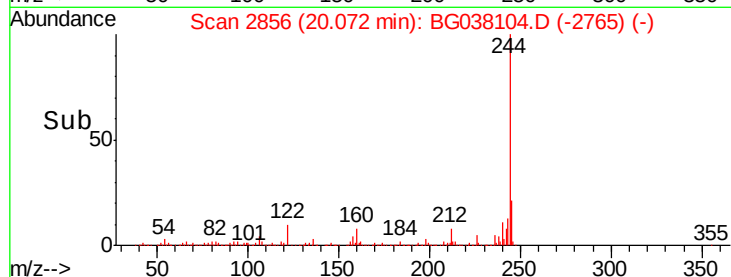
122 10.1 9.0 13.4



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: BG038104.D

Acq: 21 Nov 2018 4:37

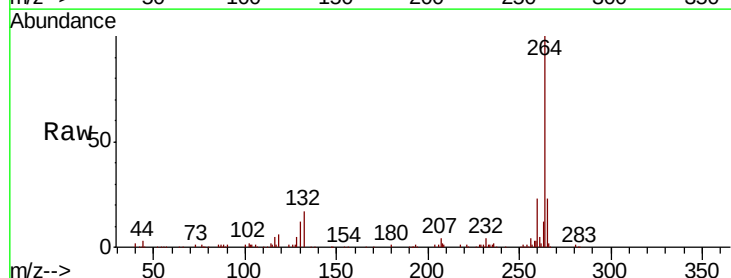
Tgt Ion:264 Resp: 256135

Ion Ratio Lower Upper

264 100

260 23.2 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

