

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111918\
 Data File : BG038065.D
 Acq On : 19 Nov 2018 16:47
 Operator : JU/SJ
 Sample : J5964-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LR-RBR-200036

Quant Time: Nov 20 00:56:52 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	48630	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	205637	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	128280	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	296300	20.00	ng	0.00
76) Chrysene-d12	21.75	240	287996	20.00	ng	0.00
87) Perylene-d12	25.07	264	287760	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	308973	109.70	ng	0.00
7) Phenol-d6	7.23	99	394407	98.10	ng	0.00
23) Nitrobenzene-d5	9.26	82	302951	78.86	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	149408	102.12	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	682121	77.47	ng	0.00
79) Terphenyl-d14	20.07	244	1056889	86.35	ng	0.00

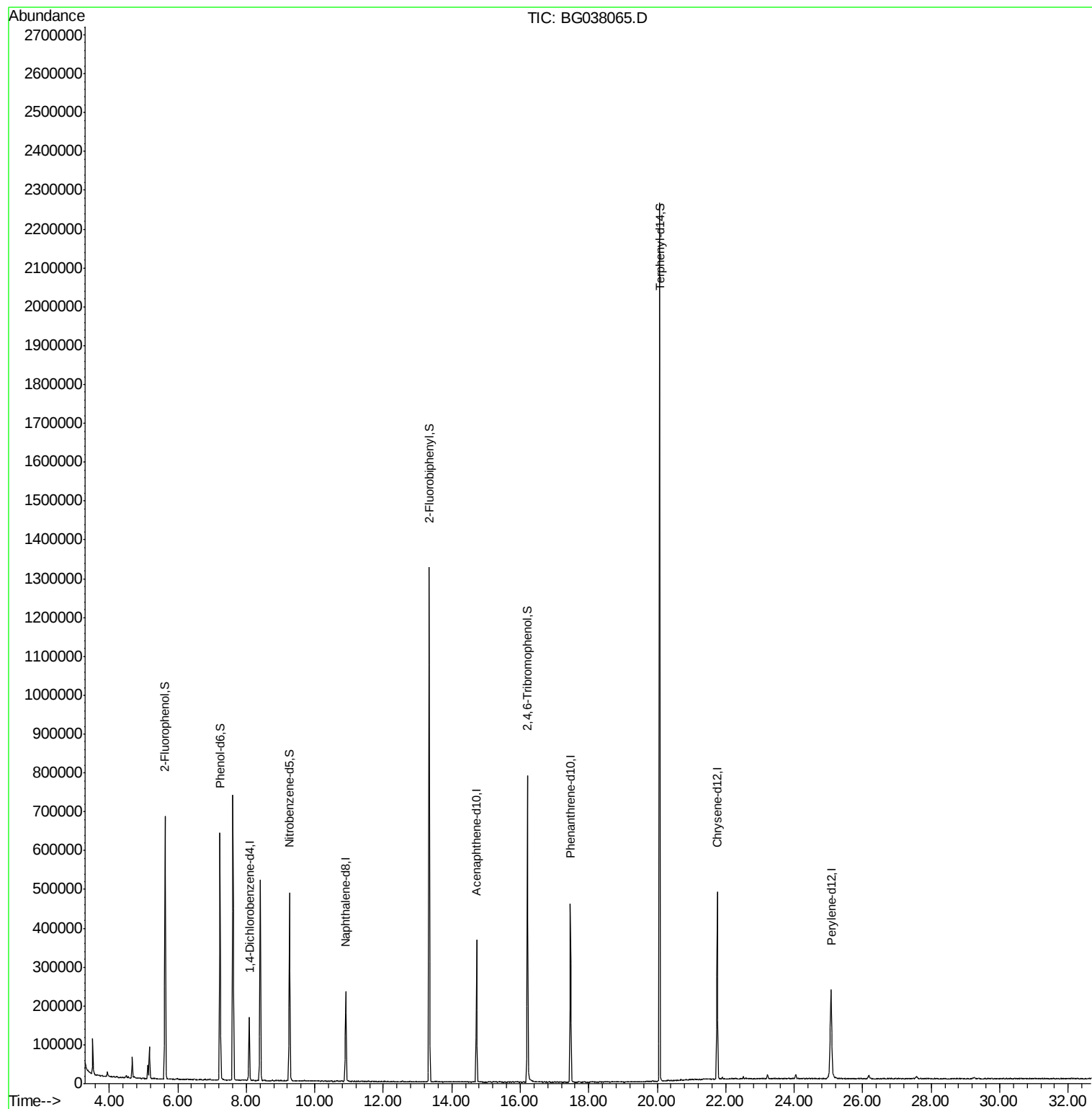
Target Compounds Qvalue

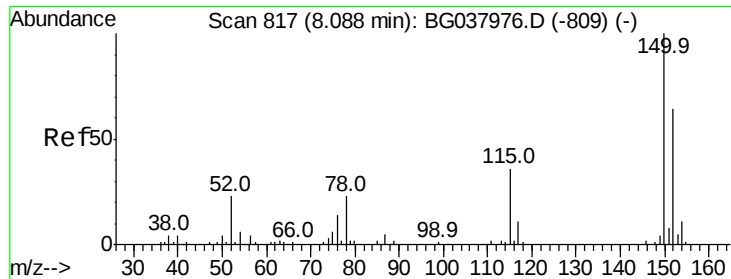
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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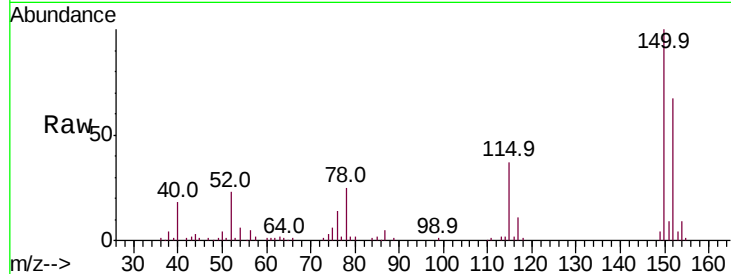


#1

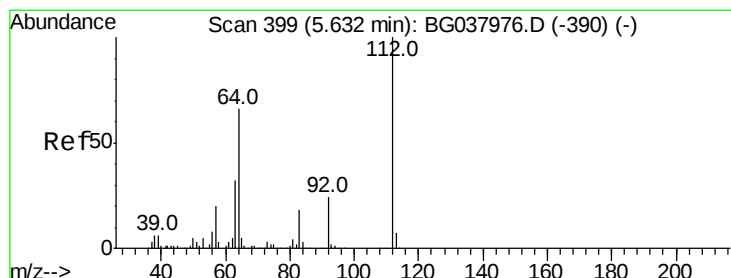
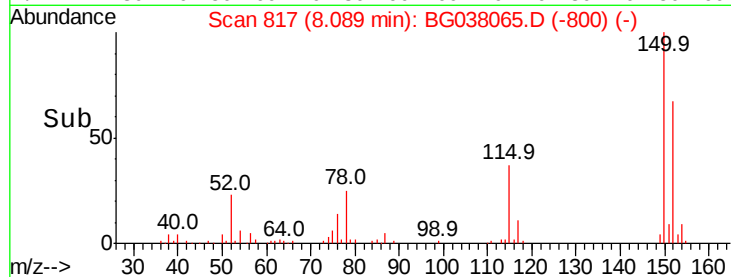
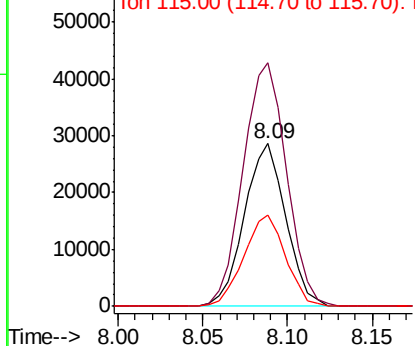
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. 0.00 min
Lab File: BG038065.D
Acq: 19 Nov 2018 16:47

Instrument :
BNA_G
ClientSampleId :
LR-RBR-200036

Tot Ion:152 Resp: 48630
Ion Ratio Lower Upper
152 100
150 149.5 126.0 189.0
115 55.7 45.5 68.3



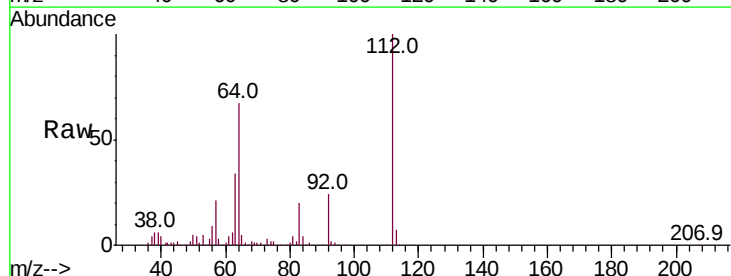
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



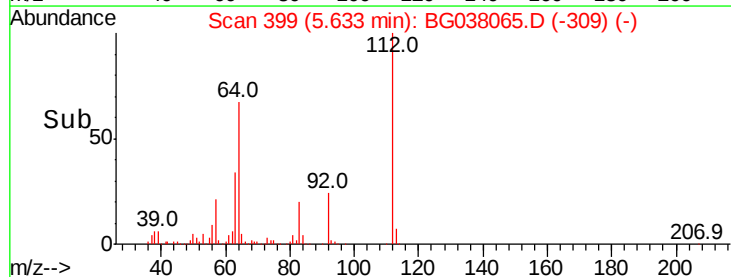
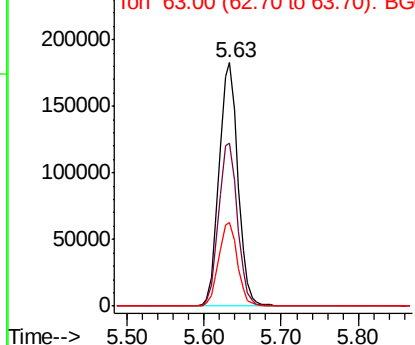
#5

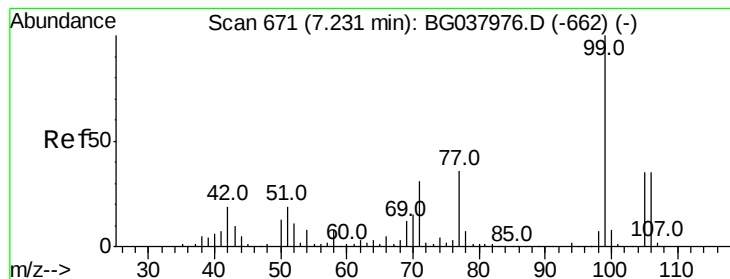
2-Fluorophenol
Concen: 109.698 ng
RT: 5.63 min Scan# 399
Delta R.T. 0.00 min
Lab File: BG038065.D
Acq: 19 Nov 2018 16:47

Tgt Ion:112 Resp: 308973
Ion Ratio Lower Upper
112 100
64 66.7 53.1 79.7
63 34.2 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: 98.099 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038065.D

Acq: 19 Nov 2018 16:47

Instrument :

BNA_G

ClientSampleId :

LR-RBR-200036

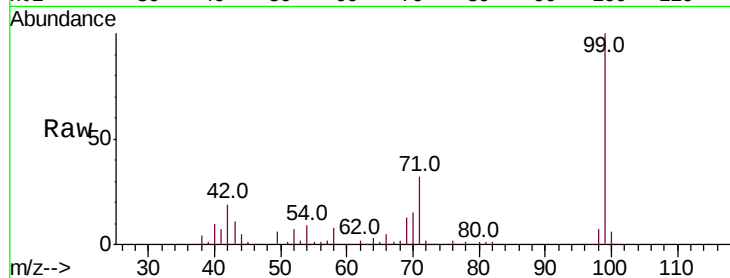
Tot Ion: 99 Resp: 394407

Ion Ratio Lower Upper

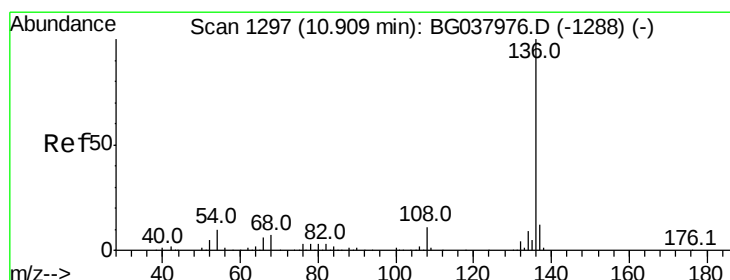
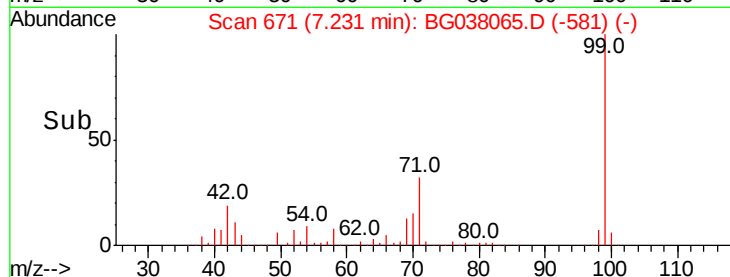
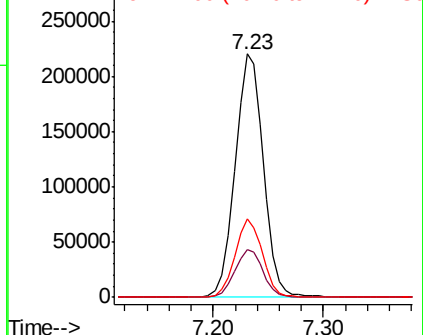
99 100

42 19.4 15.0 22.4

71 32.0 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# 1297

Delta R.T. 0.00 min

Lab File: BG038065.D

Acq: 19 Nov 2018 16:47

Tgt Ion: 136 Resp: 205637

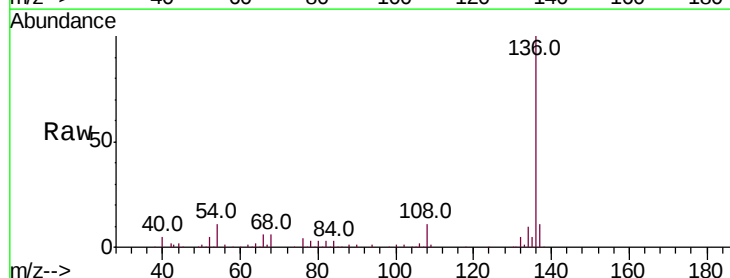
Ion Ratio Lower Upper

136 100

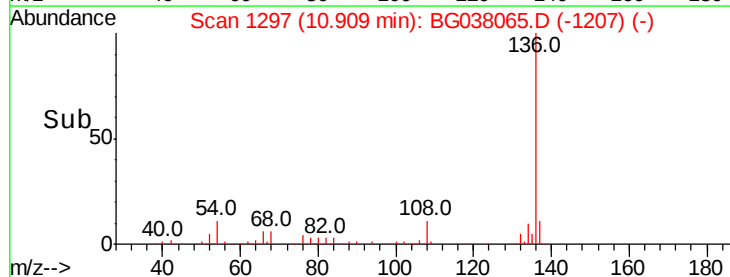
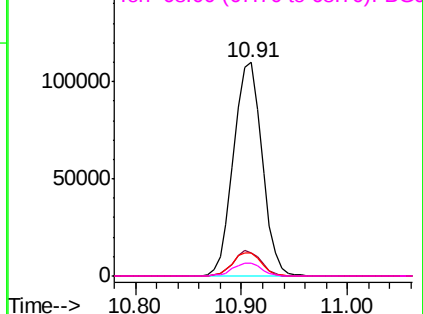
137 10.5 9.6 14.4

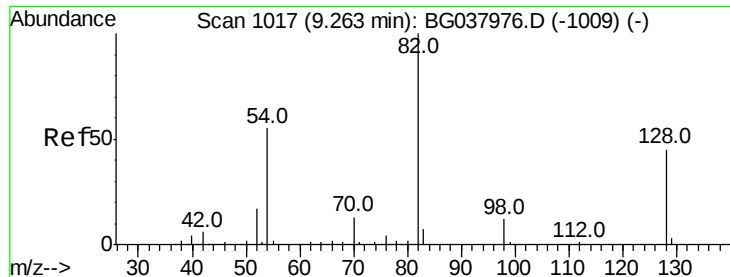
54 10.9 7.9 11.9

68 6.2 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

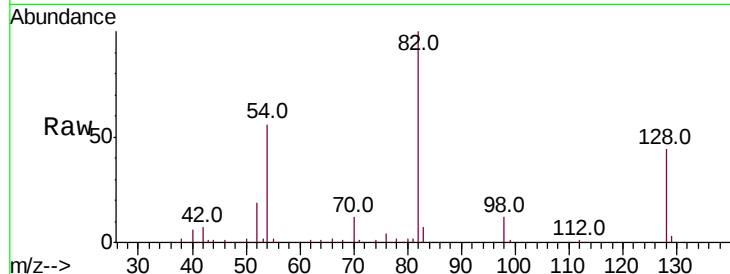




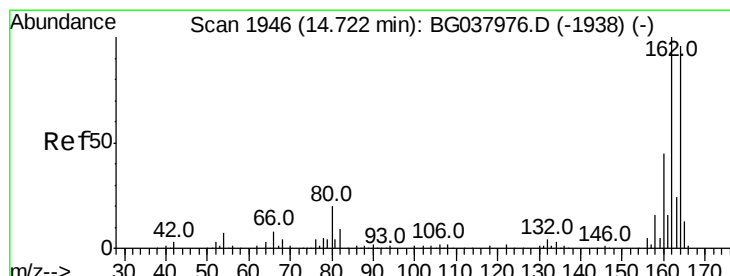
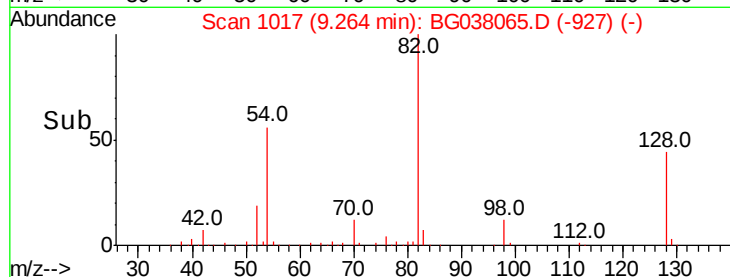
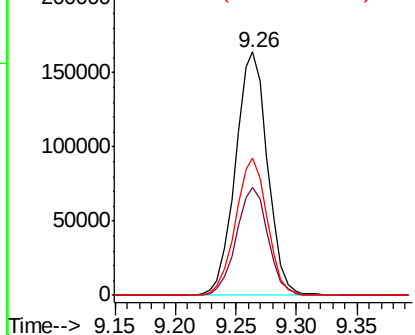
#23
Nitrobenzene-d5
Concen: 78.863 ng
RT: 9.26 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG038065.D
Acq: 19 Nov 2018 16:47

Instrument :
BNA_G
ClientSampleId :
LR-RBR-200036

Tot Ion: 82 Resp: 302951
Ion Ratio Lower Upper
82 100
128 44.3 34.6 51.8
54 56.2 45.3 67.9

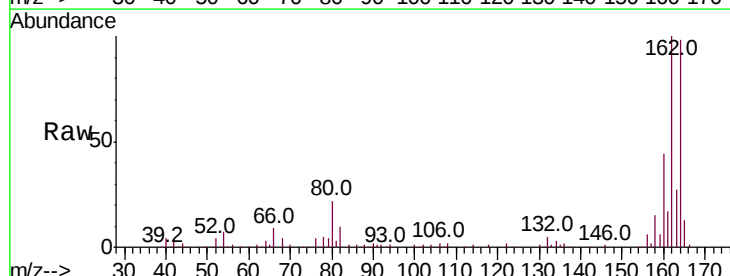


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

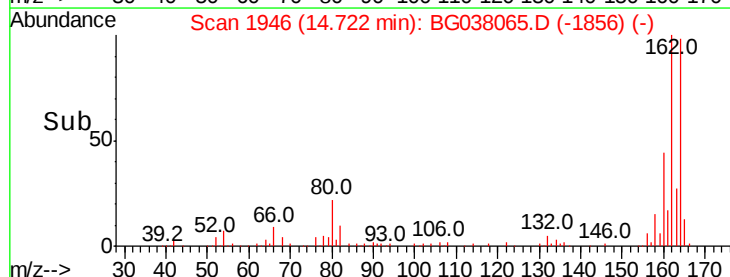
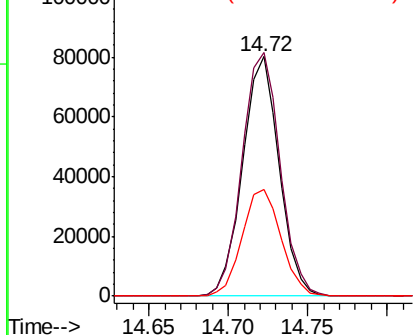


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BG038065.D
Acq: 19 Nov 2018 16:47

Tgt Ion:164 Resp: 128280
Ion Ratio Lower Upper
164 100
162 101.8 81.3 121.9
160 44.8 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: 102.124 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG038065.D

Acq: 19 Nov 2018 16:47

Instrument :

BNA_G

ClientSampleId :

LR-RBR-200036

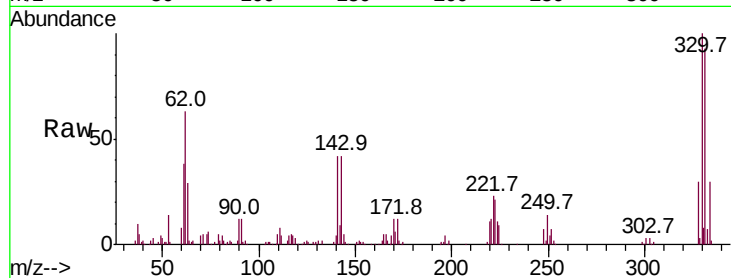
Tot Ion:330 Resp: 149408

Ion Ratio Lower Upper

330 100

332 95.6 78.4 117.6

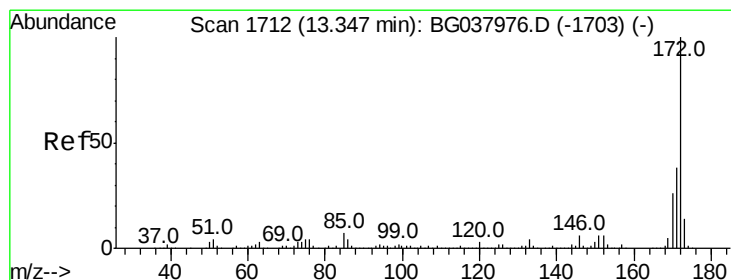
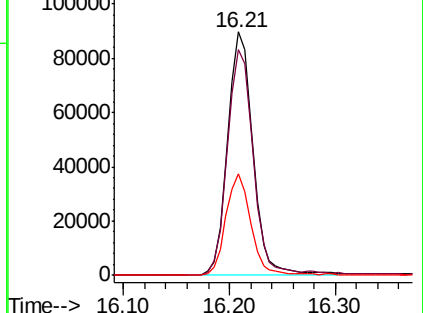
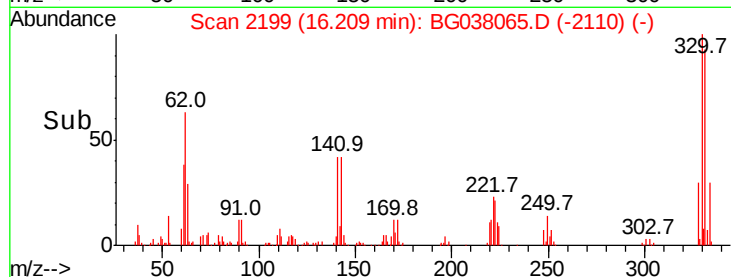
141 40.9 32.2 48.2



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: 77.467 ng

RT: 13.34 min Scan# 1711

Delta R.T. -0.01 min

Lab File: BG038065.D

Acq: 19 Nov 2018 16:47

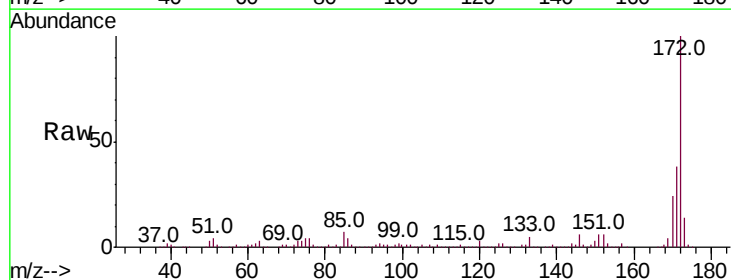
Tgt Ion:172 Resp: 682121

Ion Ratio Lower Upper

172 100

171 37.8 31.0 46.4

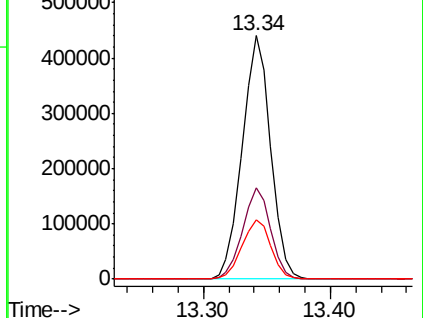
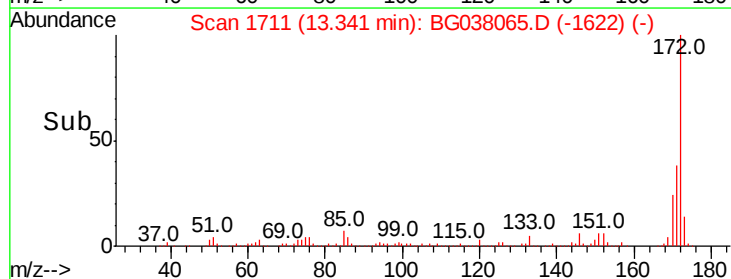
170 24.2 20.2 30.2

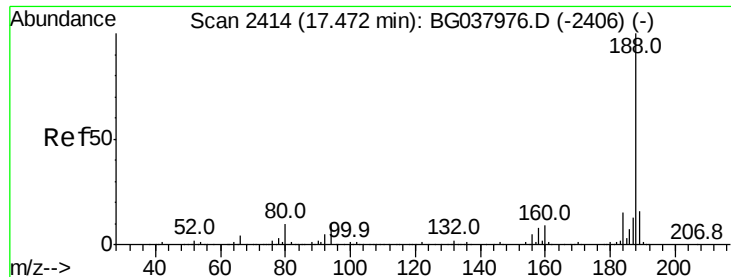


Abundance Ion 172.00 (171.70 to 172.70): E

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. -0.01 min

Lab File: BG038065.D

Acq: 19 Nov 2018 16:47

Instrument :

BNA_G

ClientSampleId :

LR-RBR-200036

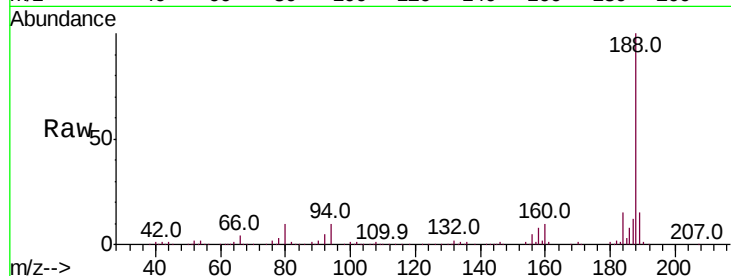
Tot Ion:188 Resp: 296300

Ion Ratio Lower Upper

188 100

94 9.6 7.2 10.8

80 10.2 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

250000 Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

200000

150000

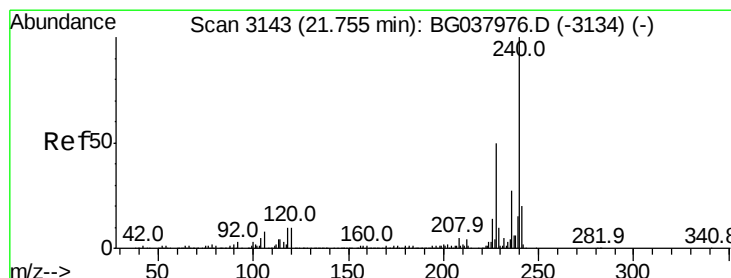
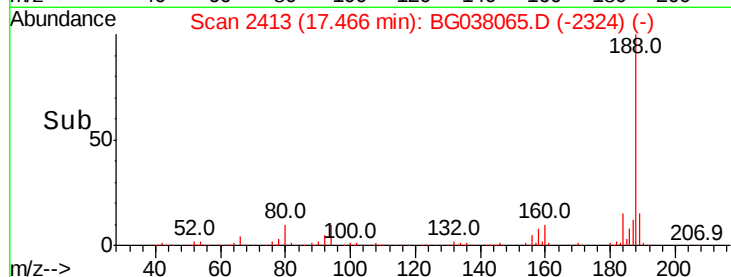
100000

50000

0

17.40 17.50

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.01 min

Lab File: BG038065.D

Acq: 19 Nov 2018 16:47

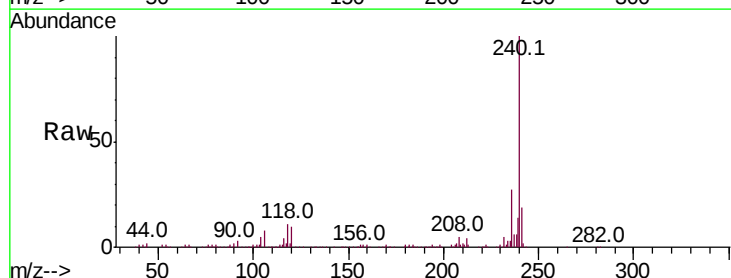
Tgt Ion:240 Resp: 287996

Ion Ratio Lower Upper

240 100

120 10.1 8.1 12.1

236 26.9 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

200000

150000

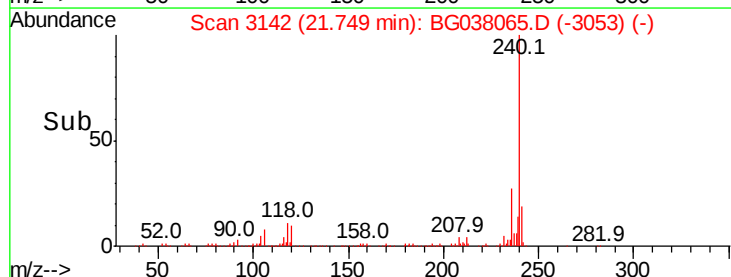
100000

50000

0

21.70 21.80

Time-->





#79

Terphenyl-d14

Concen: 86.351 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038065.D

Acq: 19 Nov 2018 16:47

Instrument :

BNA_G

ClientSampleId :

LR-RBR-200036

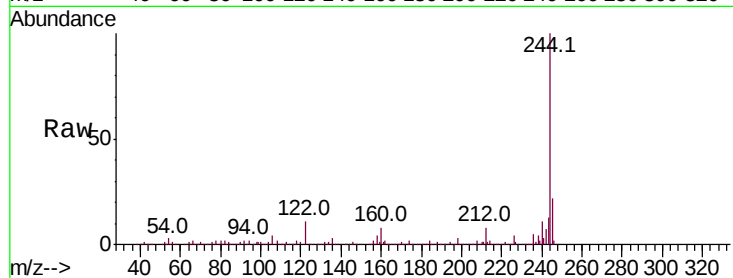
Tot Ion:244 Resp: 1056889

Ion Ratio Lower Upper

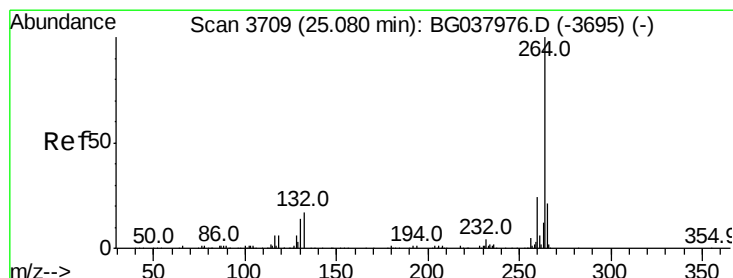
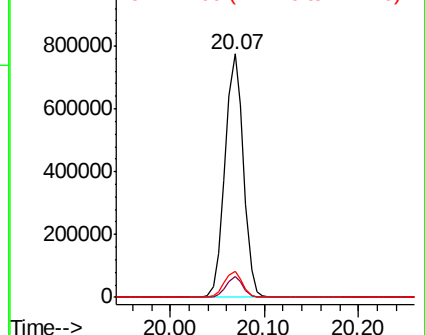
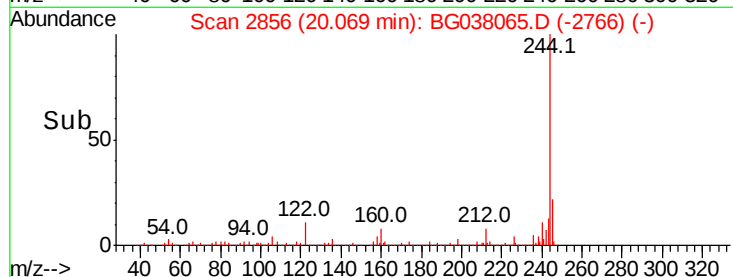
244 100

212 8.3 6.5 9.7

122 10.8 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

Perylene-d12

Concen: 20.000 ng

RT: 25.07 min Scan# 3708

Delta R.T. -0.01 min

Lab File: BG038065.D

Acq: 19 Nov 2018 16:47

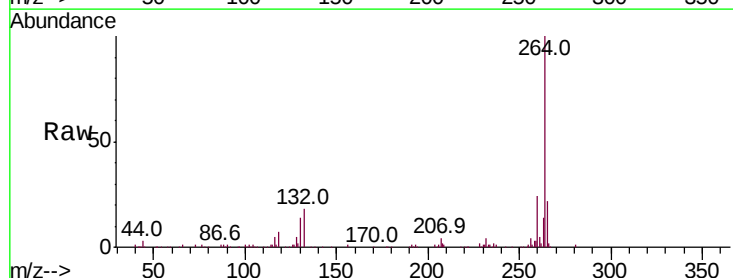
Tgt Ion:264 Resp: 287760

Ion Ratio Lower Upper

264 100

260 23.8 18.2 27.4

265 21.8 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

