

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111918\
 Data File : BG038066.D
 Acq On : 19 Nov 2018 17:26
 Operator : JU/SJ
 Sample : J5964-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LR-RBR-200029

Quant Time: Nov 20 01:03:00 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	45478	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	191074	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	120511	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	277621	20.00	ng	0.00
76) Chrysene-d12	21.75	240	268992	20.00	ng	0.00
87) Perylene-d12	25.07	264	267630	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	275751	104.69	ng	0.00
7) Phenol-d6	7.23	99	347923	92.54	ng	0.00
23) Nitrobenzene-d5	9.26	82	278144	77.92	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	139904	101.79	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	631910	76.39	ng	0.00
79) Terphenyl-d14	20.07	244	1006008	88.00	ng	0.00

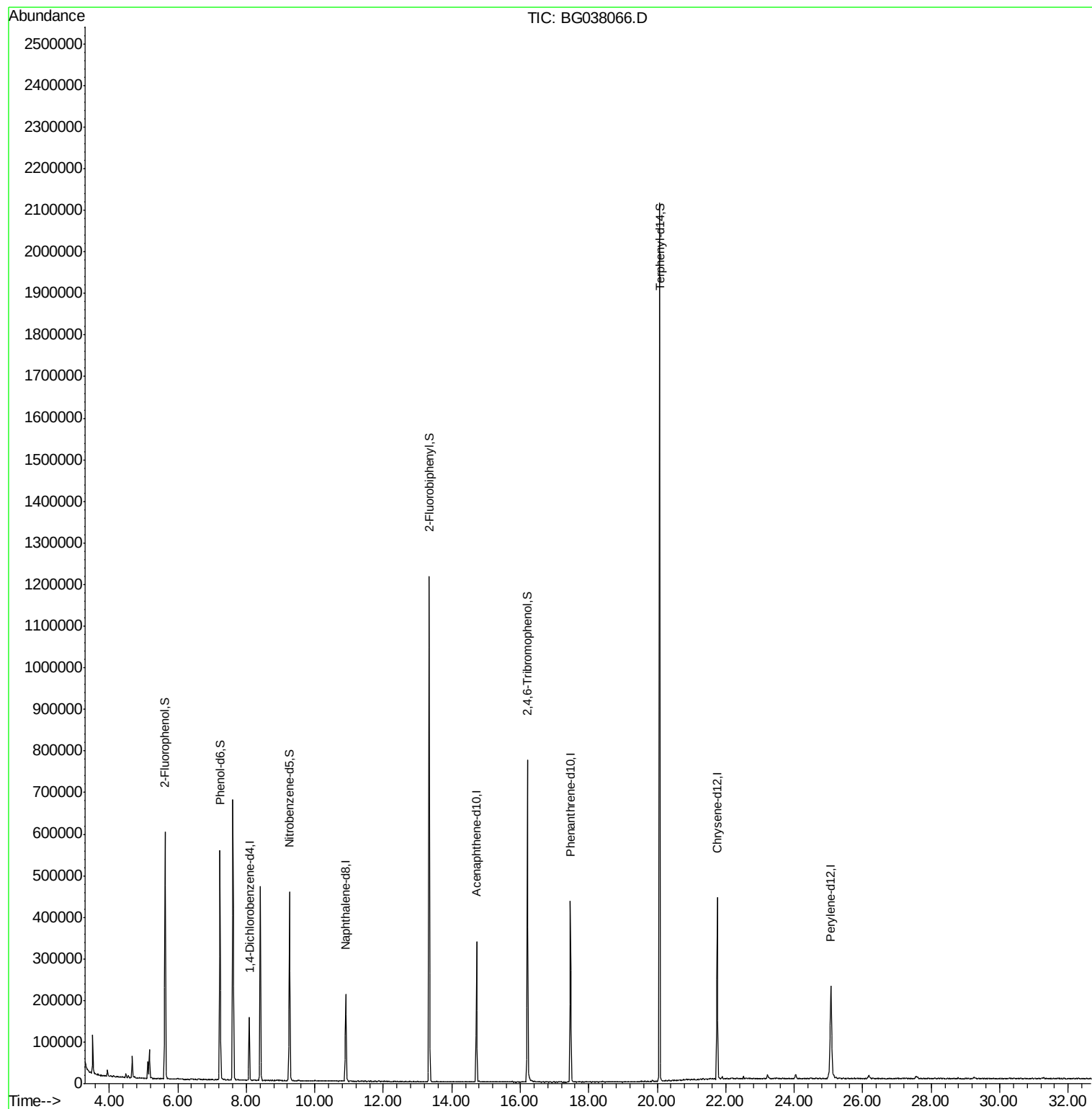
Target Compounds Qvalue

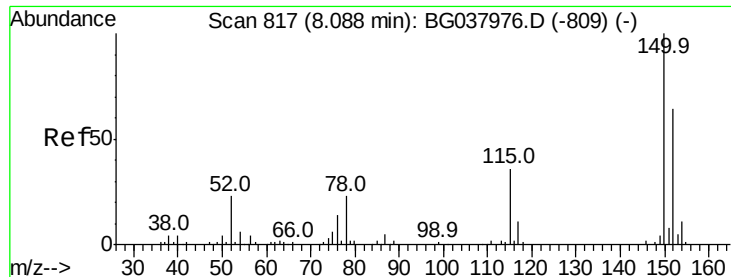
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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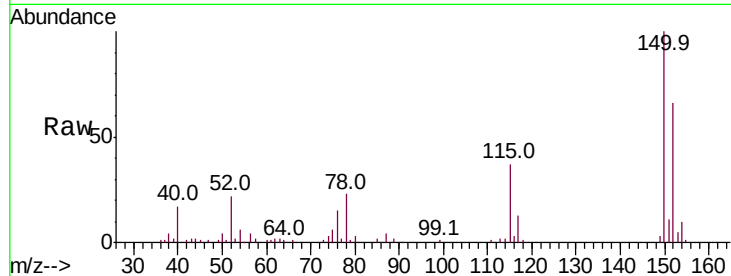


#1

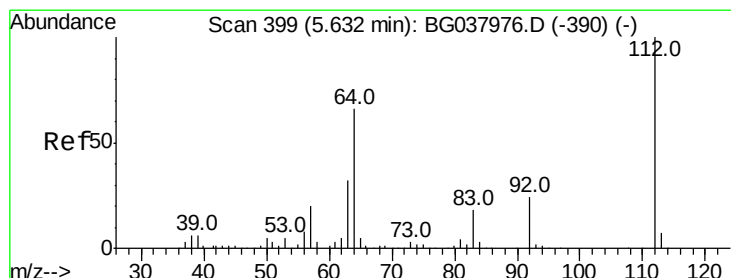
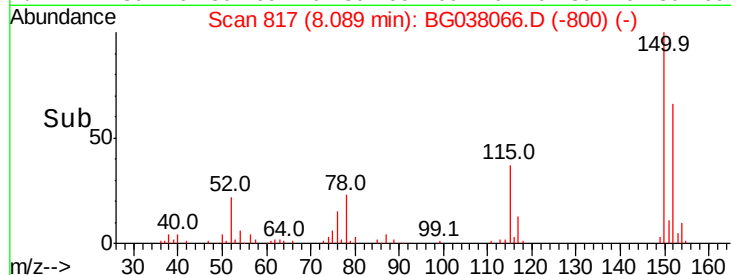
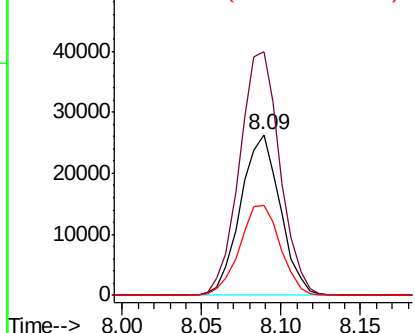
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. 0.00 min
Lab File: BG038066.D
Acq: 19 Nov 2018 17:26

Instrument :
BNA_G
ClientSampleId :
LR-RBR-200029

Tot Ion:152 Resp: 45478
Ion Ratio Lower Upper
152 100
150 151.5 126.0 189.0
115 56.2 45.5 68.3



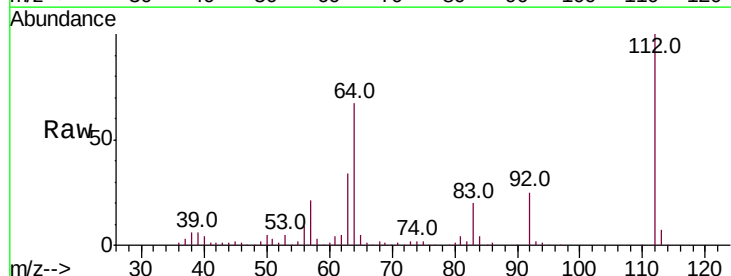
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



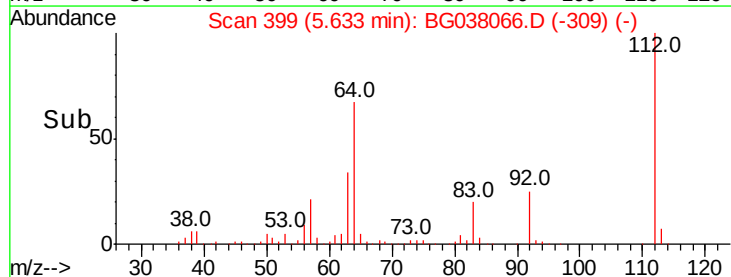
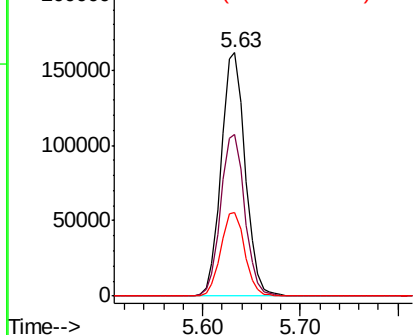
#5

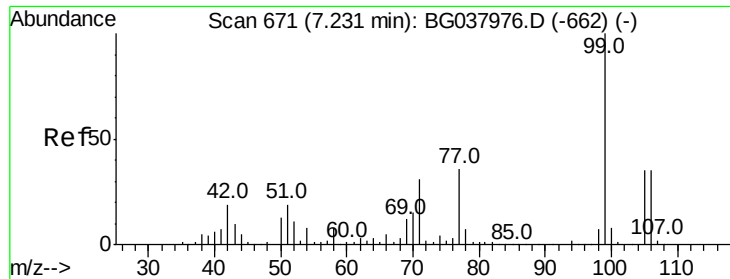
2-Fluorophenol
Concen: 104.688 ng
RT: 5.63 min Scan# 399
Delta R.T. 0.00 min
Lab File: BG038066.D
Acq: 19 Nov 2018 17:26

Tgt Ion:112 Resp: 275751
Ion Ratio Lower Upper
112 100
64 66.5 53.1 79.7
63 34.1 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: 92.535 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038066.D

Acq: 19 Nov 2018 17:26

Instrument :

BNA_G

ClientSampleId :

LR-RBR-200029

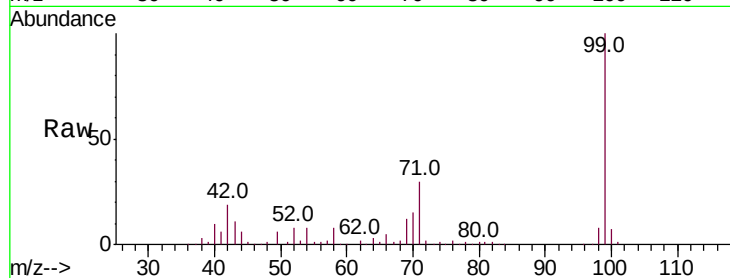
Tot Ion: 99 Resp: 347923

Ion Ratio Lower Upper

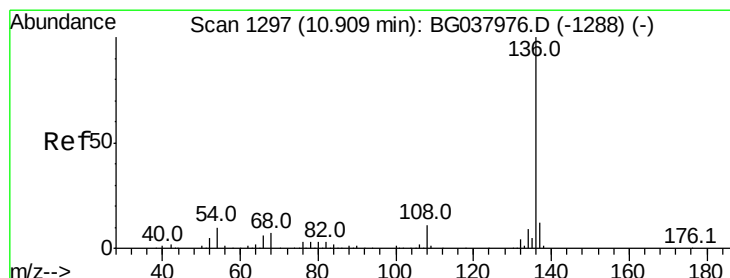
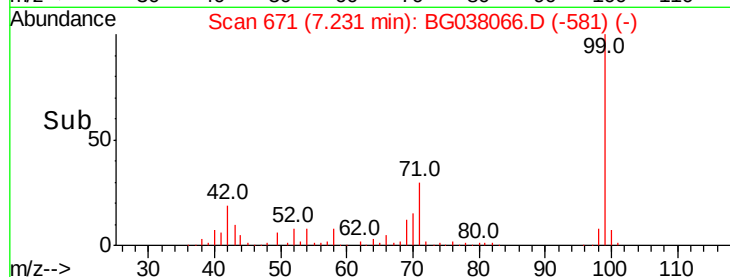
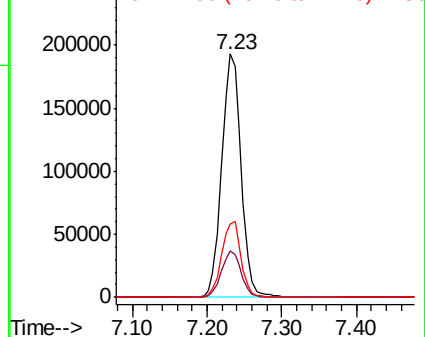
99 100

42 19.2 15.0 22.4

71 30.3 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: 10.90 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BG038066.D

Acq: 19 Nov 2018 17:26

Tgt Ion: 136 Resp: 191074

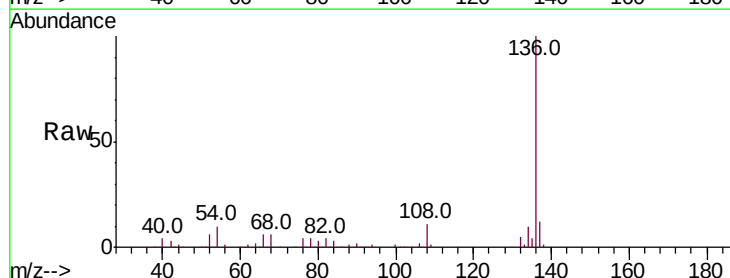
Ion Ratio Lower Upper

136 100

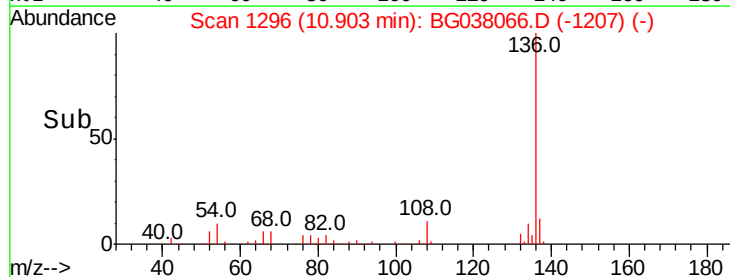
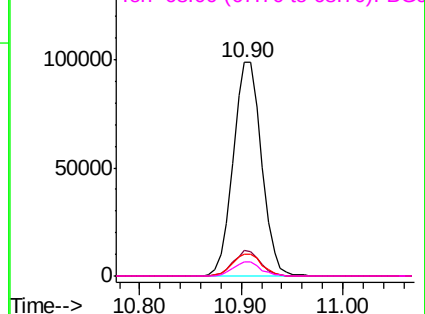
137 12.2 9.6 14.4

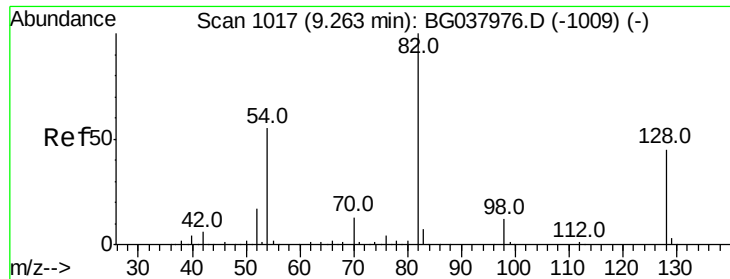
54 10.4 7.9 11.9

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

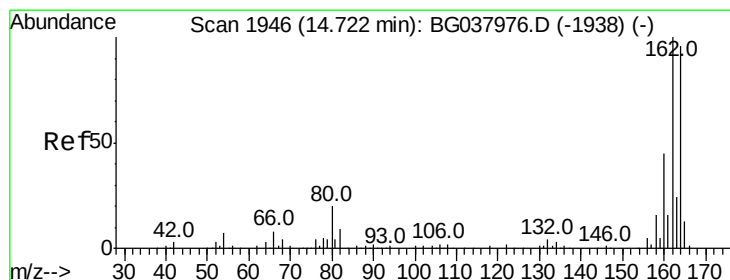
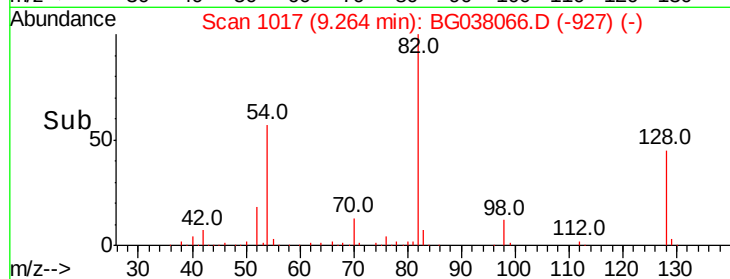
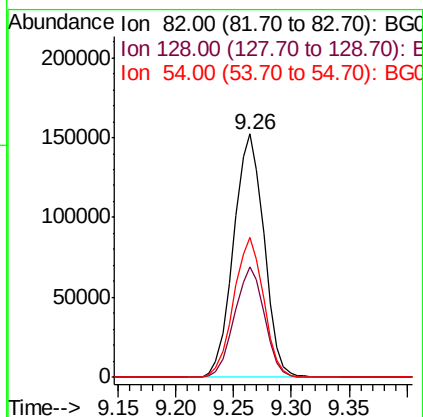
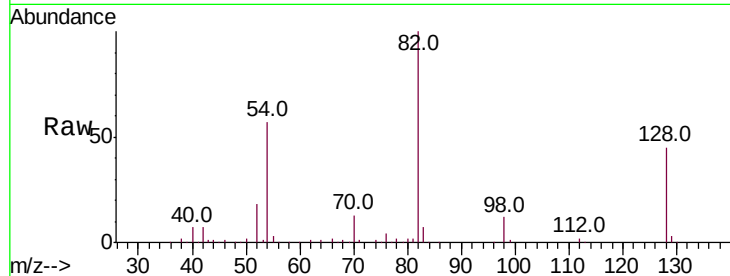




#23
Nitrobenzene-d5
Concen: 77.923 ng
RT: 9.26 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG038066.D
Acq: 19 Nov 2018 17:26

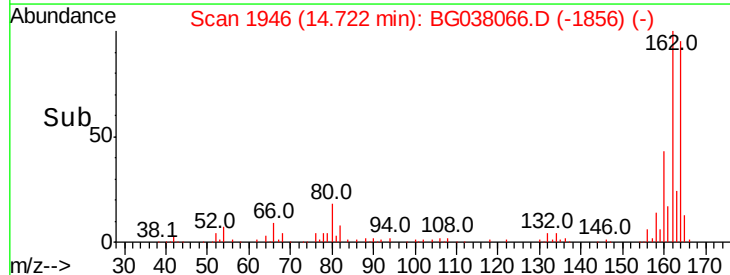
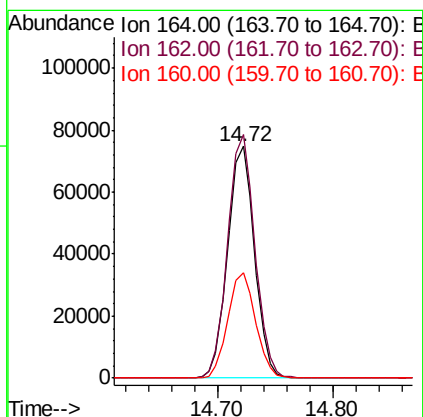
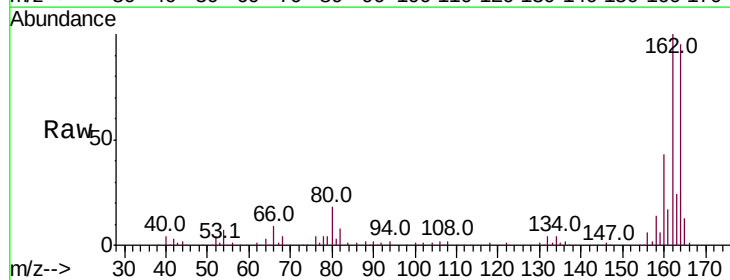
Instrument :
BNA_G
ClientSampleId :
LR-RBR-200029

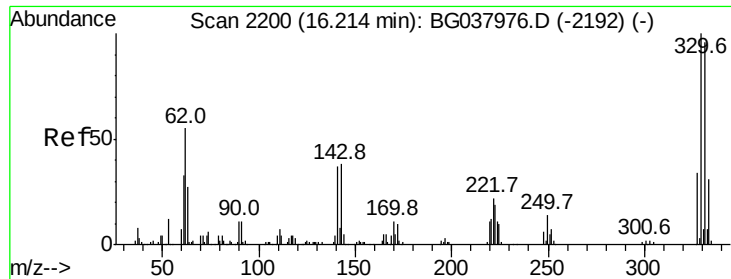
Tot Ion: 82 Resp: 278144
Ion Ratio Lower Upper
82 100
128 45.2 34.6 51.8
54 57.4 45.3 67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BG038066.D
Acq: 19 Nov 2018 17:26

Tgt Ion:164 Resp: 120511
Ion Ratio Lower Upper
164 100
162 104.9 81.3 121.9
160 45.2 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 101.793 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG038066.D

Acq: 19 Nov 2018 17:26

Instrument :

BNA_G

ClientSampleId :

LR-RBR-200029

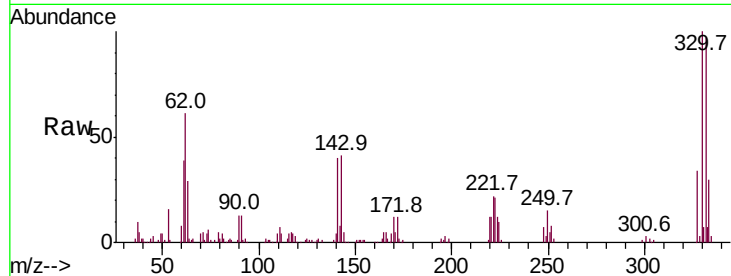
Tot Ion:330 Resp: 139904

Ion Ratio Lower Upper

330 100

332 96.5 78.4 117.6

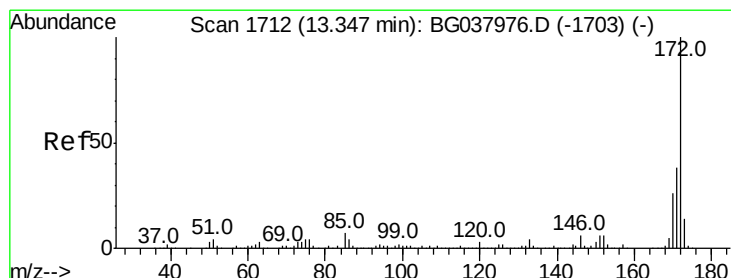
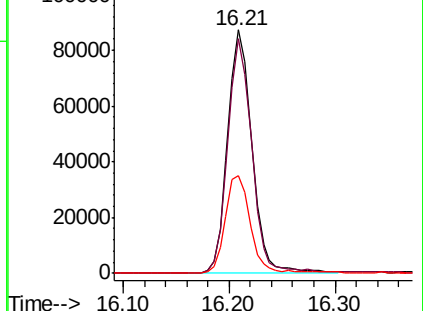
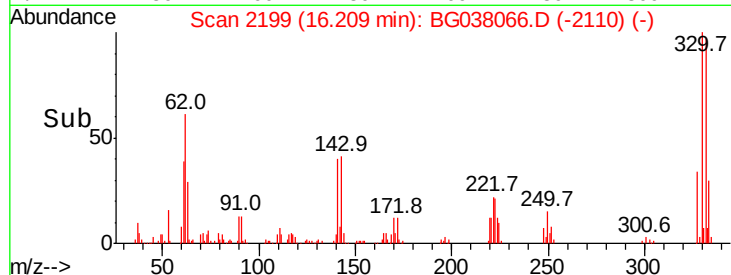
141 41.0 32.2 48.2



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: 76.391 ng

RT: 13.34 min Scan# 1711

Delta R.T. -0.01 min

Lab File: BG038066.D

Acq: 19 Nov 2018 17:26

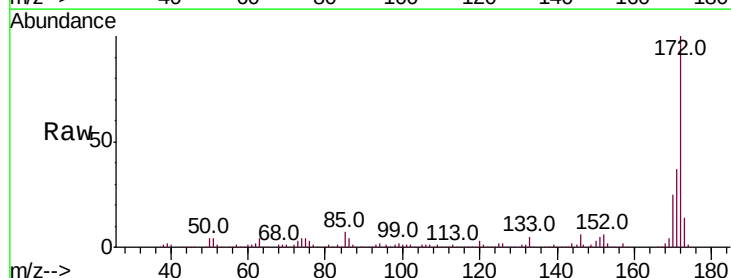
Tgt Ion:172 Resp: 631910

Ion Ratio Lower Upper

172 100

171 37.5 31.0 46.4

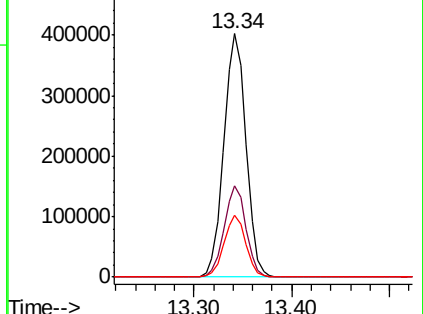
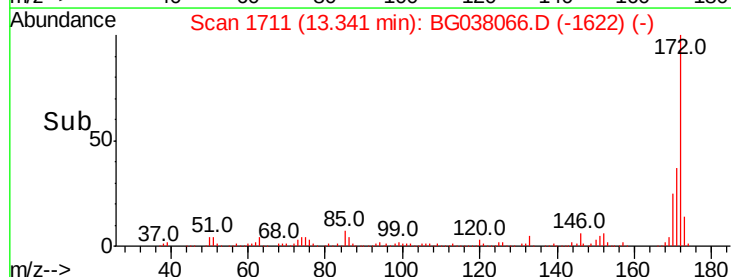
170 25.2 20.2 30.2

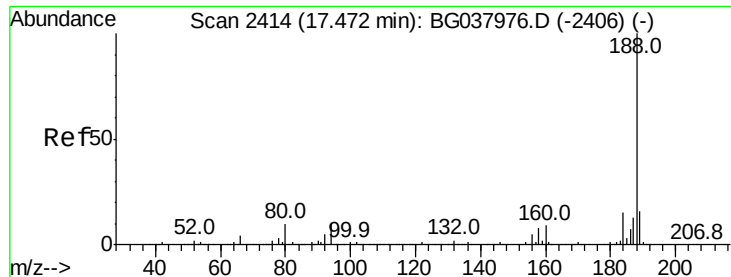


Abundance Ion 172.00 (171.70 to 172.70): E

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: BG038066.D

Acq: 19 Nov 2018 17:26

Instrument :

BNA_G

ClientSampleId :

LR-RBR-200029

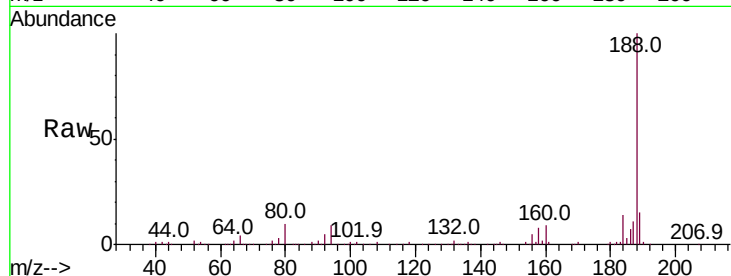
Tot Ion:188 Resp: 277621

Ion Ratio Lower Upper

188 100

94 8.7 7.2 10.8

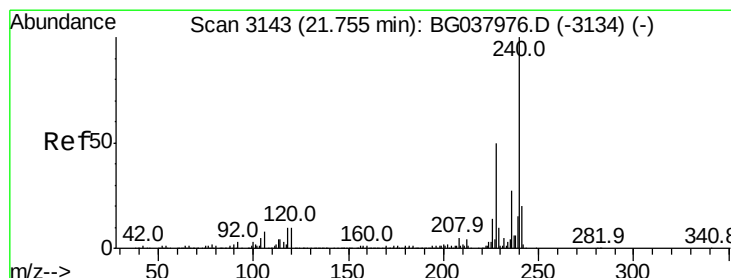
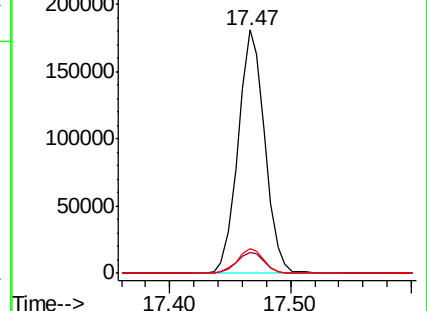
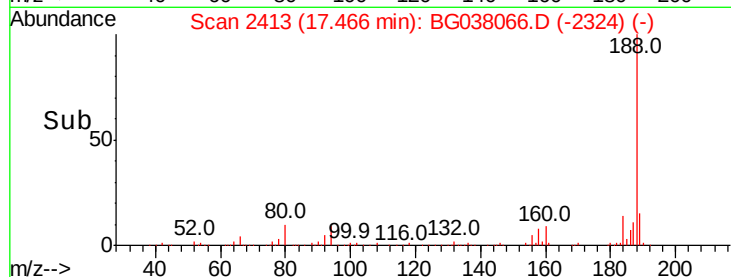
80 10.1 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.01 min

Lab File: BG038066.D

Acq: 19 Nov 2018 17:26

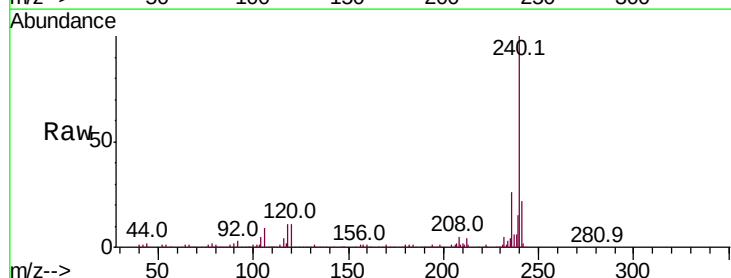
Tgt Ion:240 Resp: 268992

Ion Ratio Lower Upper

240 100

120 11.3 8.1 12.1

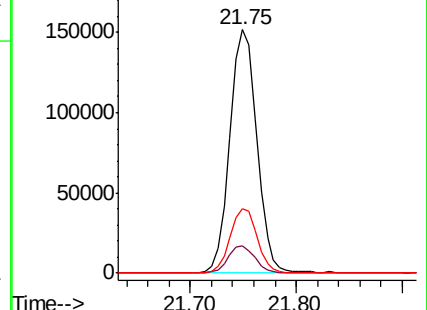
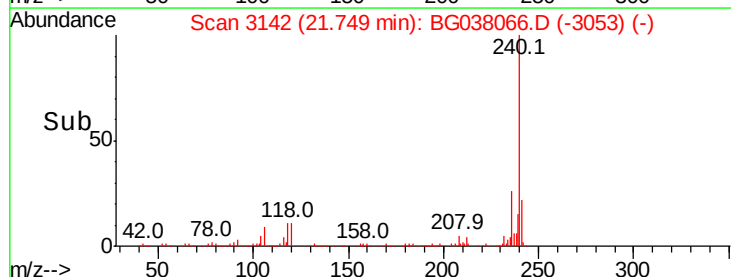
236 26.3 21.4 32.0

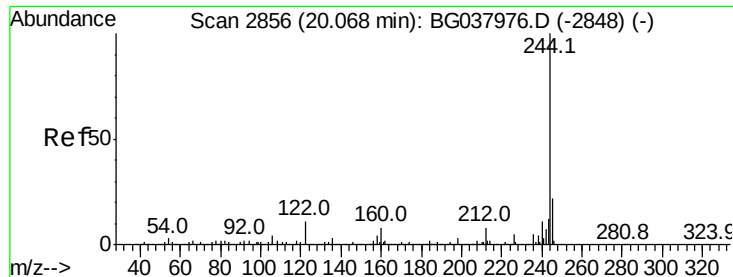


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 88.001 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038066.D

Acq: 19 Nov 2018 17:26

Instrument :

BNA_G

ClientSampleId :

LR-RBR-200029

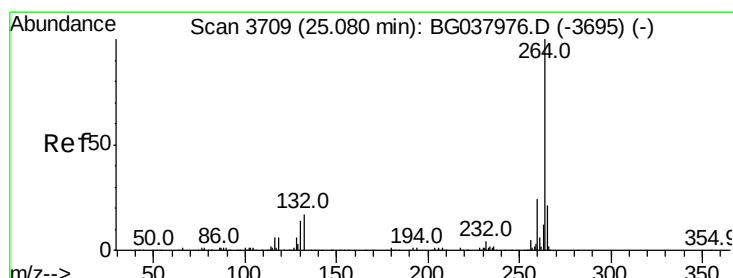
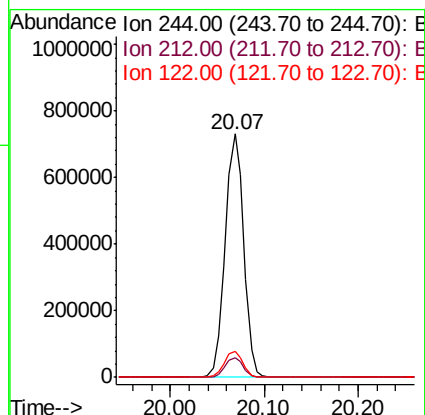
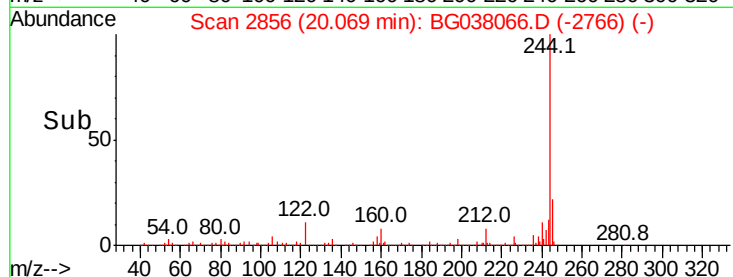
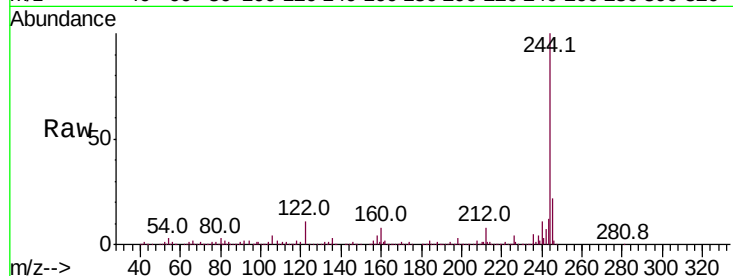
Tot Ion:244 Resp: 1006008

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

122 10.9 9.0 13.4



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.07 min Scan# 3707

Delta R.T. -0.01 min

Lab File: BG038066.D

Acq: 19 Nov 2018 17:26

Tgt Ion:264 Resp: 267630

Ion Ratio Lower Upper

264 100

260 22.4 18.2 27.4

265 22.4 17.9 26.9

