

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120118\
 Data File : BG038289.D
 Acq On : 1 Dec 2018 16:07
 Operator : JU/SJ
 Sample : PB115178TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115178TB

Quant Time: Dec 03 02:48:01 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	26861	20.00	ng	-0.01
21) Naphthalene-d8	10.90	136	108667	20.00	ng	-0.01
39) Acenaphthene-d10	14.71	164	69215	20.00	ng	-0.01
64) Phenanthrene-d10	17.46	188	187811	20.00	ng	-0.01
76) Chrysene-d12	21.74	240	193146	20.00	ng	-0.01
87) Perylene-d12	25.06	264	194188	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	219741	141.24	ng	-0.01
7) Phenol-d6	7.22	99	302289	136.12	ng	0.00
23) Nitrobenzene-d5	9.25	82	192312	94.73	ng	-0.01
42) 2,4,6-Tribromophenol	16.20	330	128276	162.50	ng	-0.01
45) 2-Fluorobiphenyl	13.34	172	442501	93.14	ng	-0.01
79) Terphenyl-d14	20.06	244	899586	109.59	ng	0.00

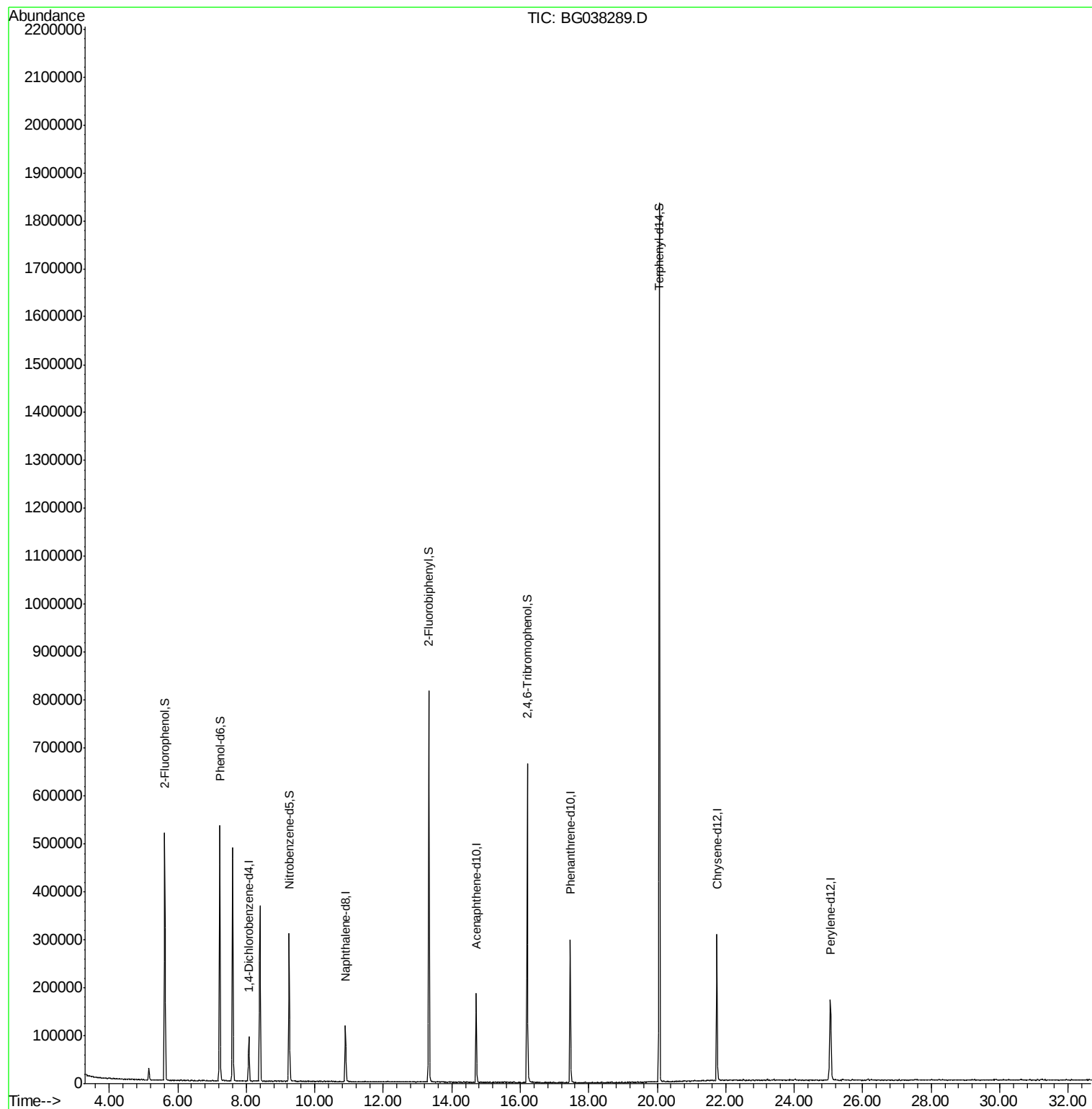
Target Compounds Qvalue

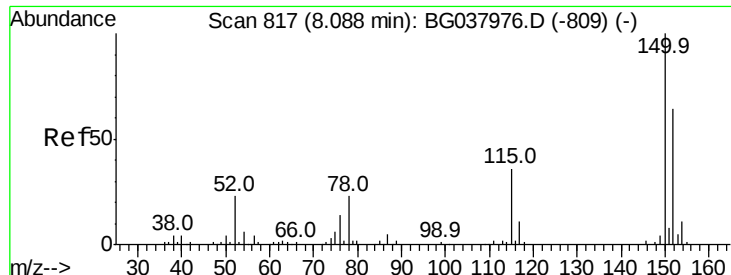
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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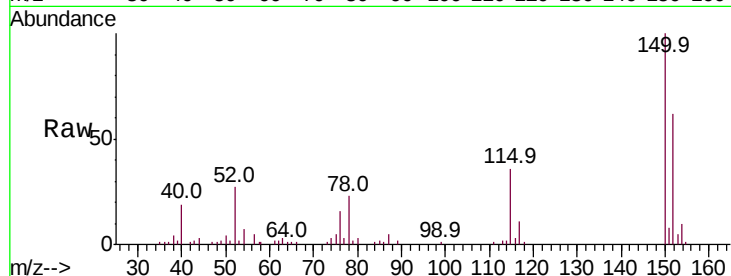


#1

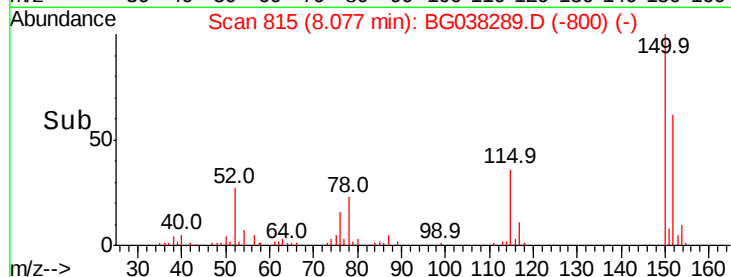
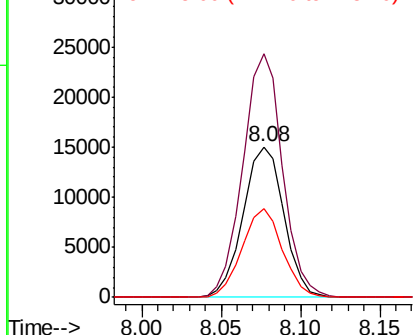
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 815
Delta R.T. -0.01 min
Lab File: BG038289.D
Acq: 1 Dec 2018 16:07

Instrument :
BNA_G
ClientSampleId :
PB115178TB

Tot Ion:152 Resp: 26861
Ion Ratio Lower Upper
152 100
150 162.1 126.0 189.0
115 59.2 45.5 68.3



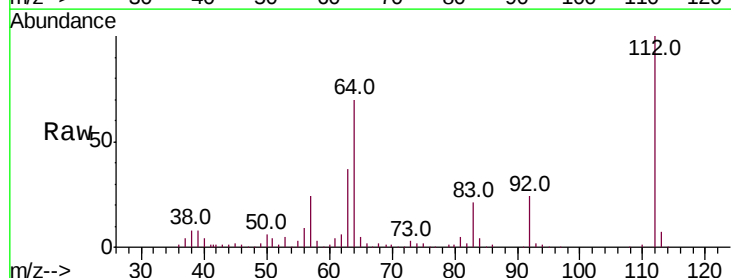
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



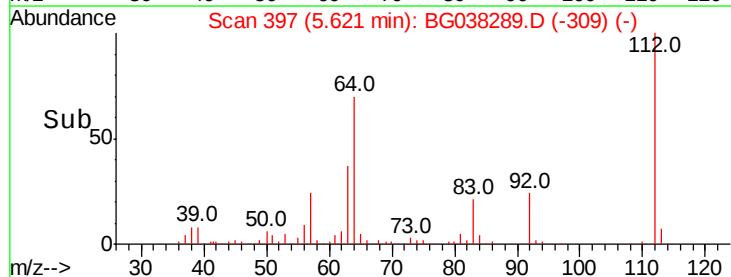
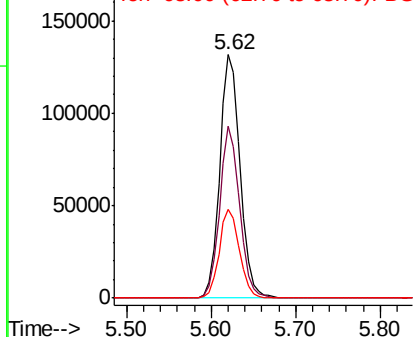
#5

2-Fluorophenol
Concen: 141.245 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.01 min
Lab File: BG038289.D
Acq: 1 Dec 2018 16:07

Tgt Ion:112 Resp: 219741
Ion Ratio Lower Upper
112 100
64 70.4 53.1 79.7
63 36.6 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: 136.121 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG038289.D

Acq: 1 Dec 2018 16:07

Instrument :

BNA_G

ClientSampleId :

PB115178TB

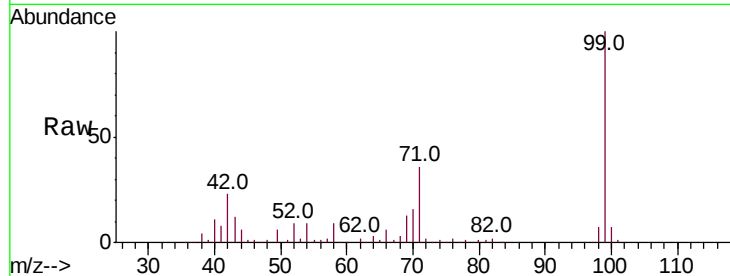
Tot Ion: 99 Resp: 302289

Ion Ratio Lower Upper

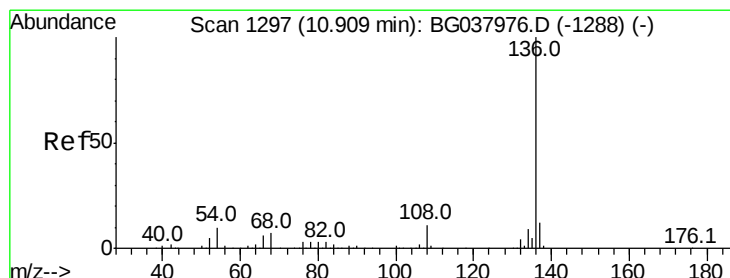
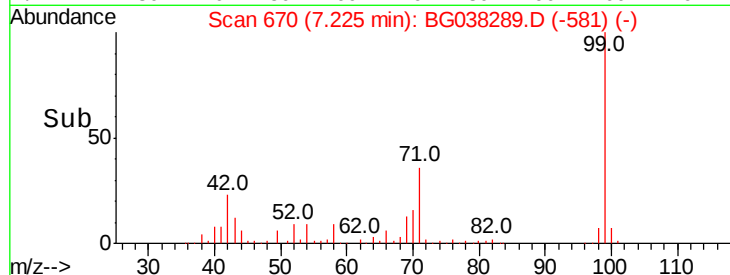
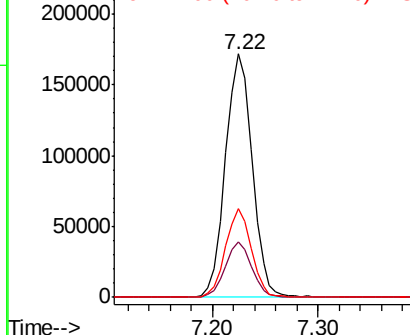
99 100

42 22.5 15.0 22.4#

71 36.2 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: 10.90 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BG038289.D

Acq: 1 Dec 2018 16:07

Tgt Ion: 136 Resp: 108667

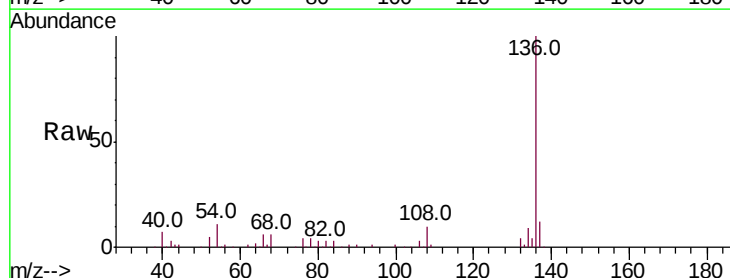
Ion Ratio Lower Upper

136 100

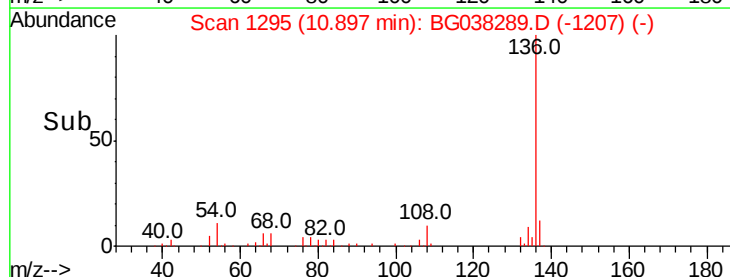
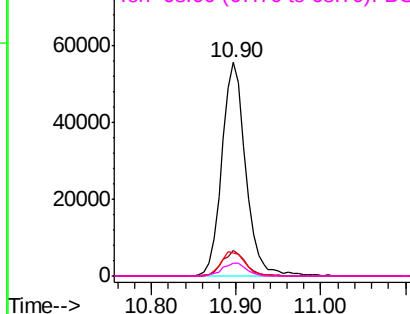
137 12.0 9.6 14.4

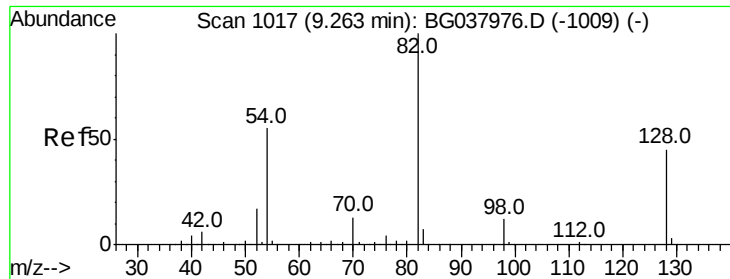
54 10.5 7.9 11.9

68 6.3 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

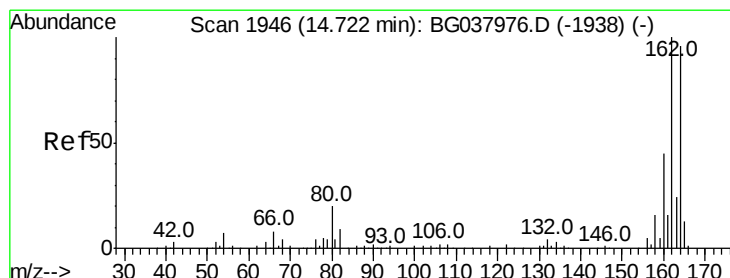
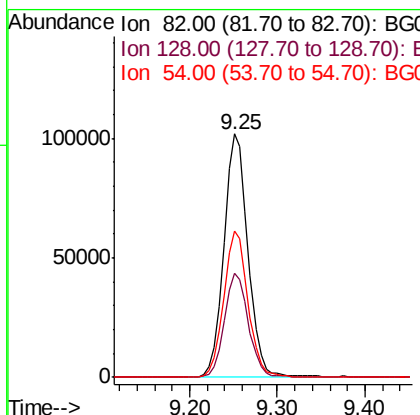
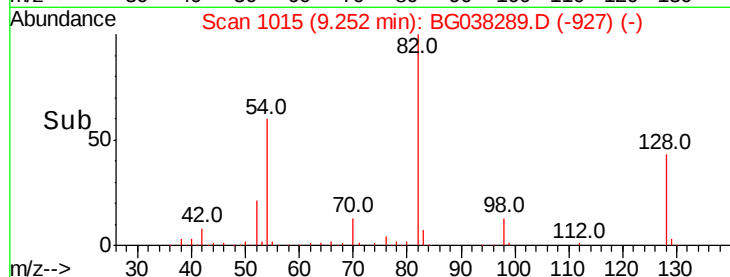
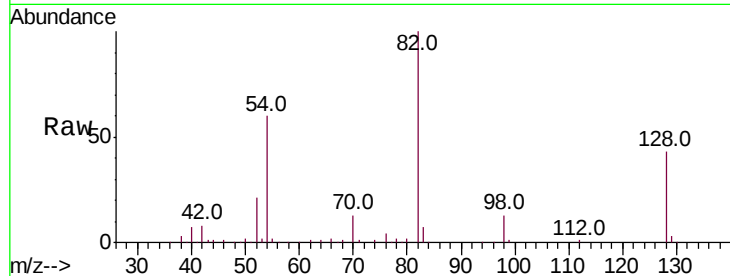




#23
Nitrobenzene-d5
Concen: 94.735 ng
RT: 9.25 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BG038289.D
Acq: 1 Dec 2018 16:07

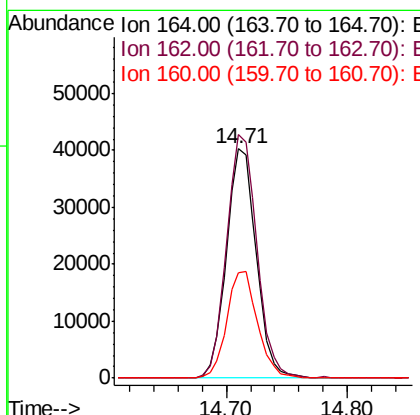
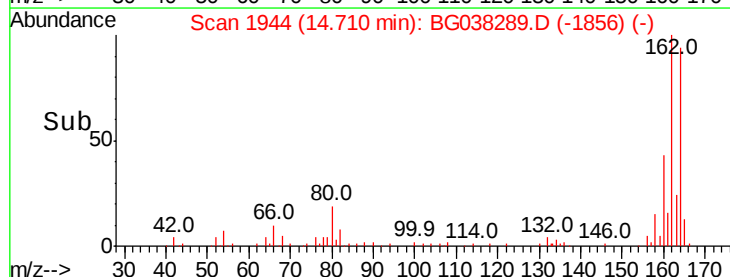
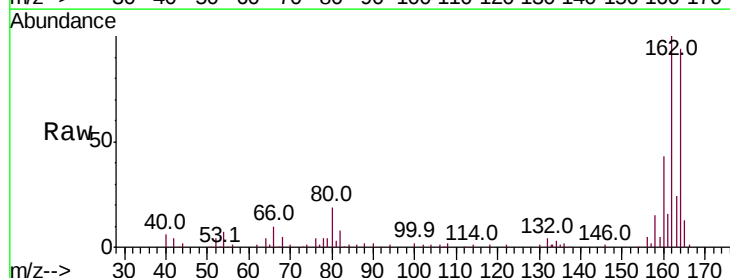
Instrument :
BNA_G
ClientSampleId :
PB115178TB

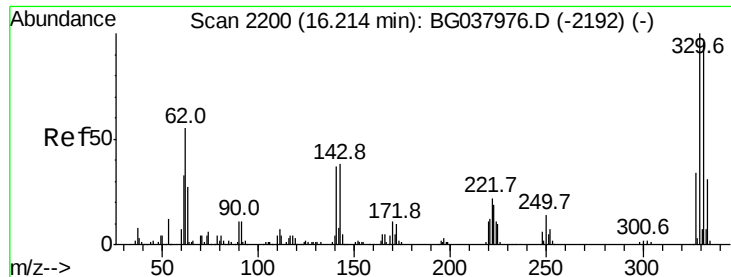
Tot Ion: 82 Resp: 192312
Ion Ratio Lower Upper
82 100
128 42.9 34.6 51.8
54 59.9 45.3 67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.71 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BG038289.D
Acq: 1 Dec 2018 16:07

Tgt Ion:164 Resp: 69215
Ion Ratio Lower Upper
164 100
162 106.2 81.3 121.9
160 45.9 36.3 54.5

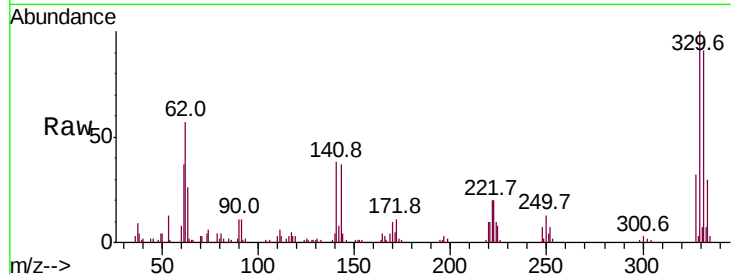




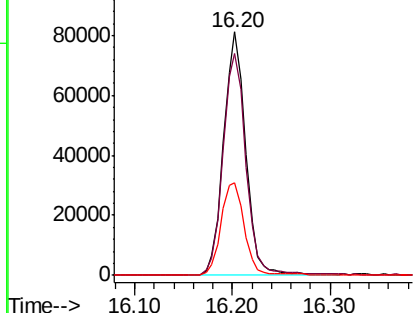
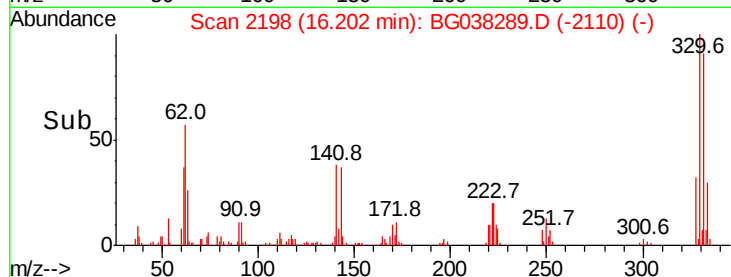
#42
 2,4,6-Tribromophenol
 Concen: 162.502 ng
 RT: 16.20 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BG038289.D
 Acq: 1 Dec 2018 16:07

Instrument :
 BNA_G
 ClientSampleID :
 PB115178TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	78.4	117.6
141	39.6	32.2	48.2

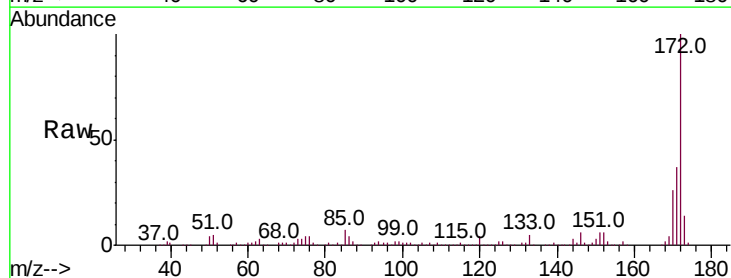


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

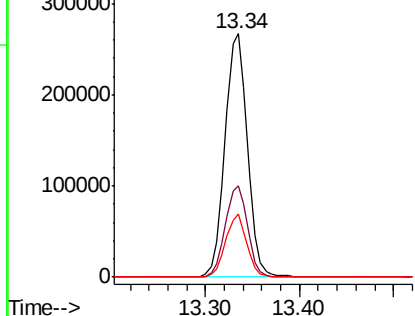
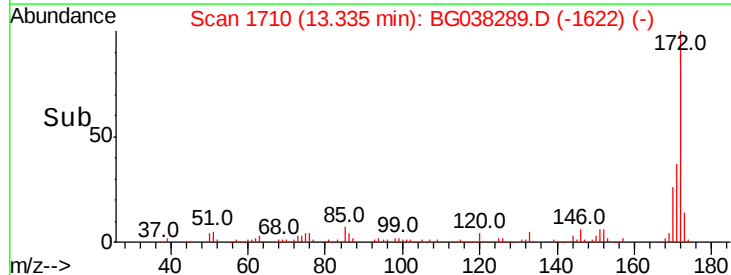


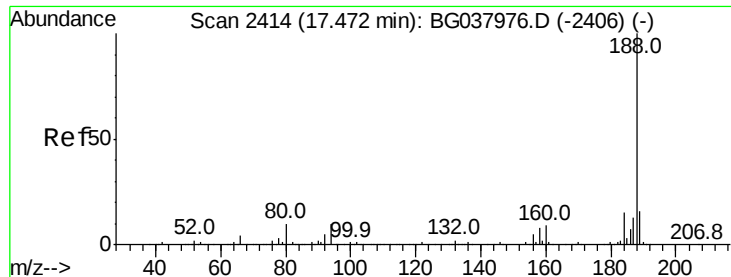
#45
 2-Fluorobiphenyl
 Concen: 93.138 ng
 RT: 13.34 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BG038289.D
 Acq: 1 Dec 2018 16:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	31.0	46.4
170	25.8	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: 17.46 min Scan# 2412

Delta R.T. -0.01 min

Lab File: BG038289.D

Acq: 1 Dec 2018 16:07

Instrument :

BNA_G

ClientSampleId :

PB115178TB

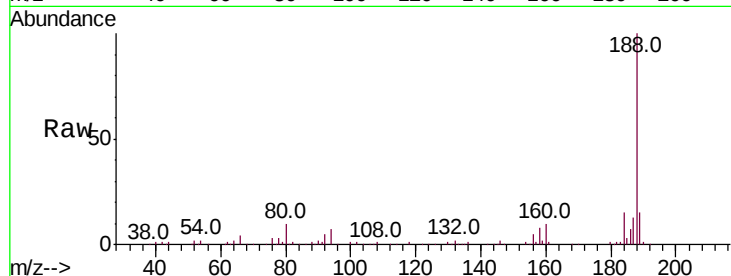
Tot Ion:188 Resp: 187811

Ion Ratio Lower Upper

188 100

94 7.2 7.2 10.8

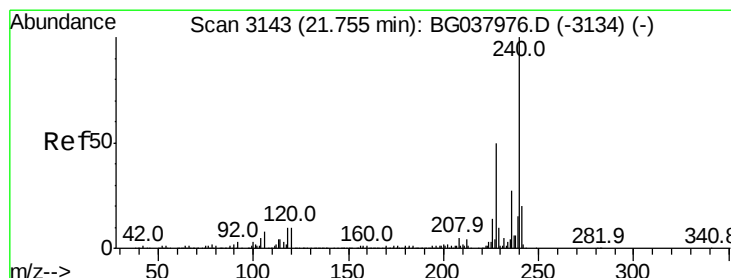
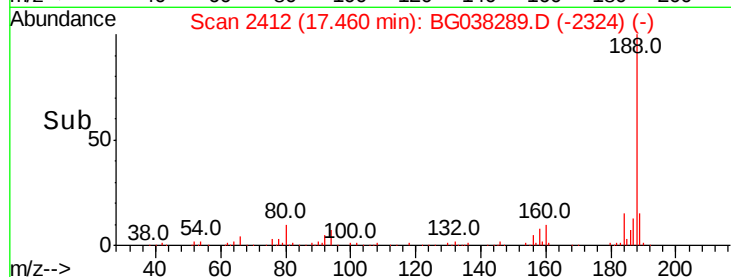
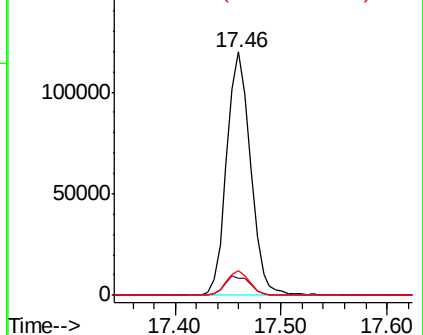
80 9.9 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG038289.D

Acq: 1 Dec 2018 16:07

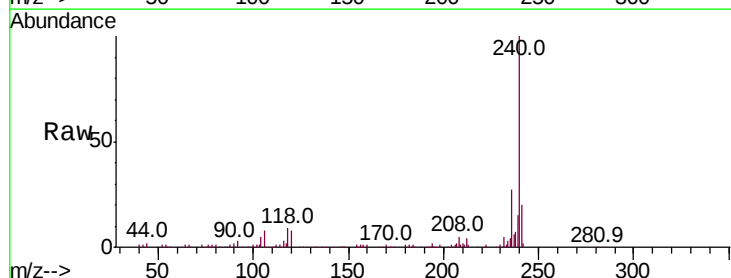
Tgt Ion:240 Resp: 193146

Ion Ratio Lower Upper

240 100

120 8.3 8.1 12.1

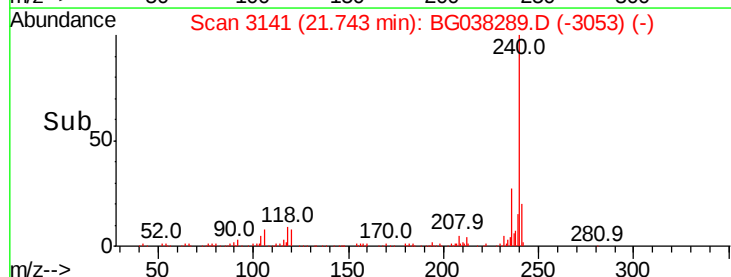
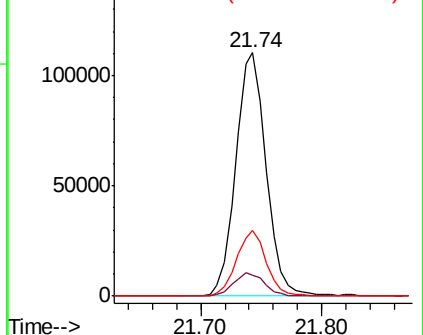
236 27.1 21.4 32.0



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: 109.592 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BG038289.D

Acq: 1 Dec 2018 16:07

Instrument :

BNA_G

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PB115178TB

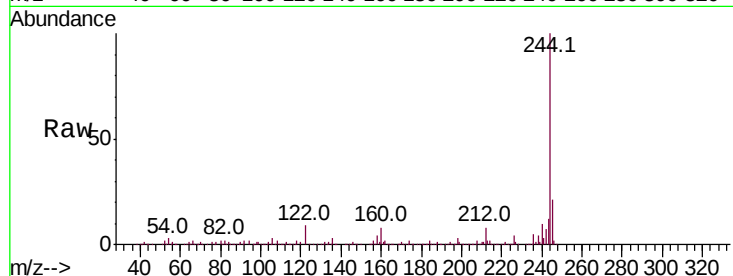
Tot Ion:244 Resp: 899586

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

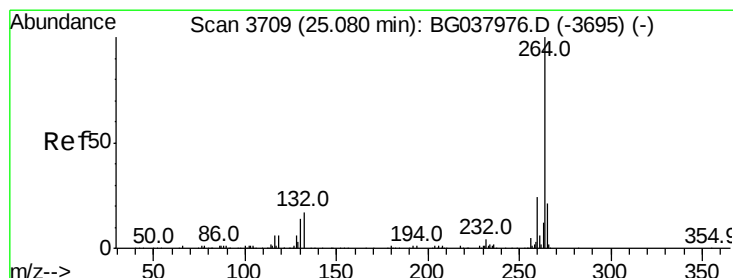
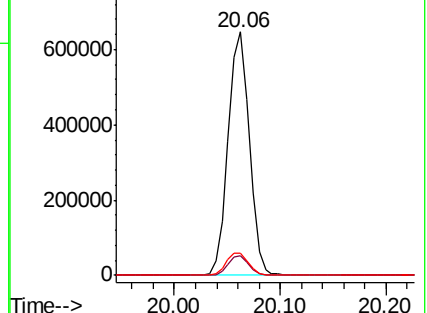
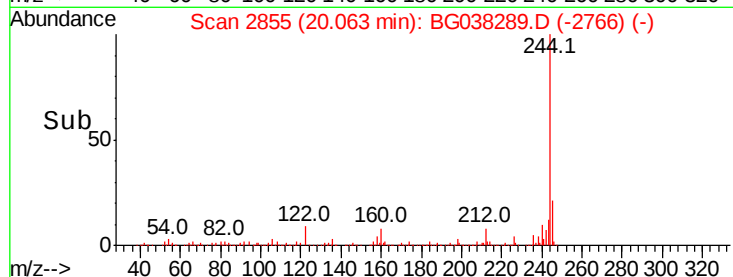
122 9.3 9.0 13.4



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: 25.06 min Scan# 3705

Delta R.T. -0.02 min

Lab File: BG038289.D

Acq: 1 Dec 2018 16:07

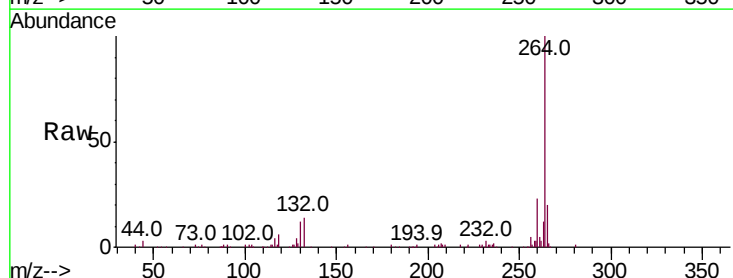
Tgt Ion:264 Resp: 194188

Ion Ratio Lower Upper

264 100

260 23.4 18.2 27.4

265 20.1 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

