

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112118\
 Data File : BG038124.D
 Acq On : 21 Nov 2018 19:35
 Operator : JU/SJ
 Sample : PB115013TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115013TB

Quant Time: Nov 22 01:37:21 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	41058	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	179786	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	113822	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	270124	20.00	ng	0.00
76) Chrysene-d12	21.75	240	257283	20.00	ng	0.00
87) Perylene-d12	25.07	264	247663	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	333833	140.38	ng	0.00
7) Phenol-d6	7.24	99	471781	138.98	ng	0.00
23) Nitrobenzene-d5	9.26	82	294708	87.75	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	141581	109.07	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	668363	85.55	ng	0.00
79) Terphenyl-d14	20.07	244	1019906	93.28	ng	0.00

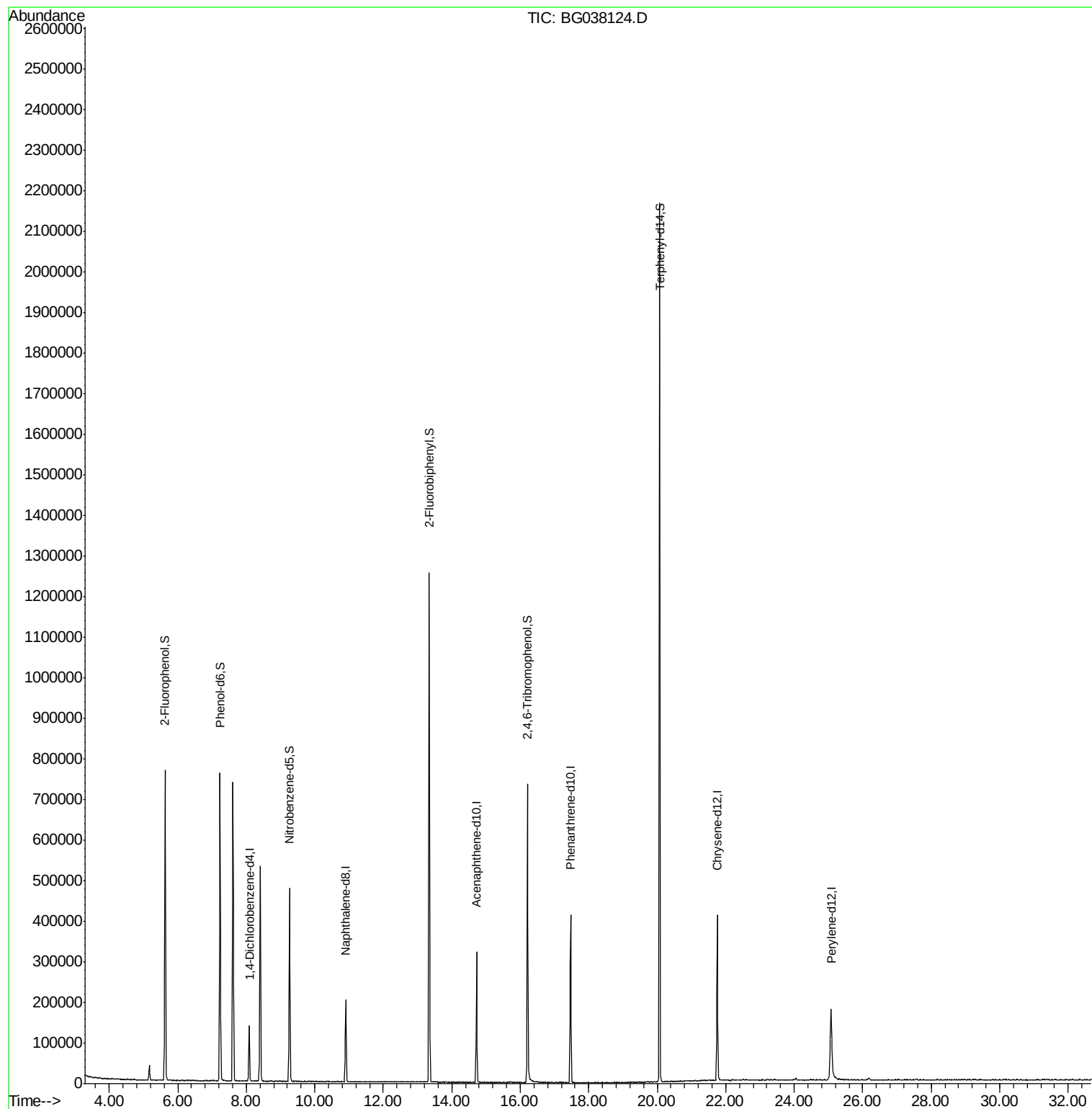
Target Compounds Qvalue

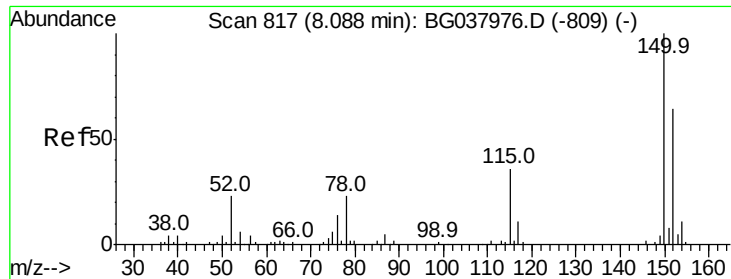
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112118\
Data File : BG038124.D
Acq On : 21 Nov 2018 19:35
Operator : JU/SJ
Sample : PB115013TB
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB115013TB

Quant Time: Nov 22 01:37:21 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.09 min Scan# 817

Delta R.T. -0.00 min

Lab File: BG038124.D

Acq: 21 Nov 2018 19:35

Instrument :

BNA_G

ClientSampleId :

PB115013TB

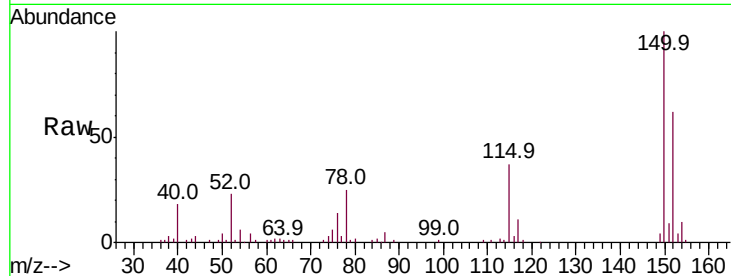
Tot Ion:152 Resp: 41058

Ion Ratio Lower Upper

152 100

150 161.3 126.0 189.0

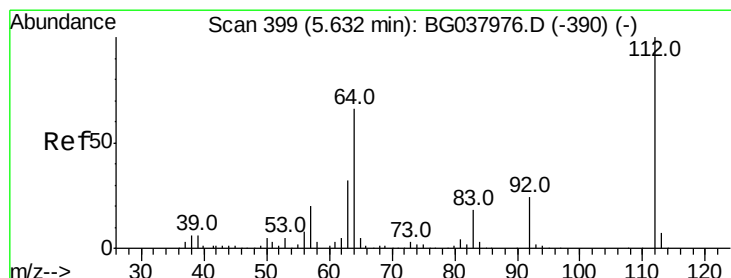
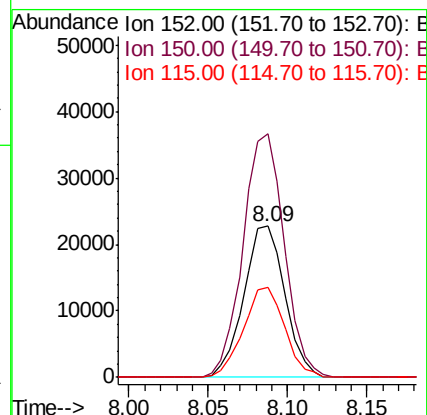
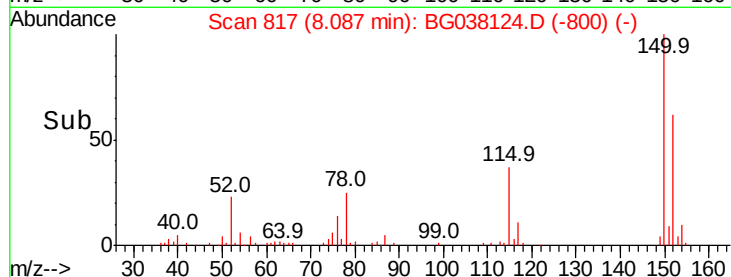
115 59.5 45.5 68.3



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: 140.383 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.00 min

Lab File: BG038124.D

Acq: 21 Nov 2018 19:35

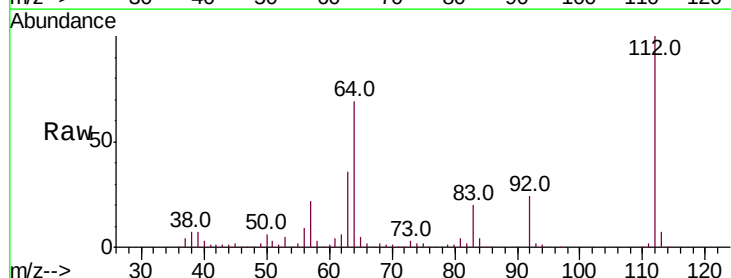
Tgt Ion:112 Resp: 333833

Ion Ratio Lower Upper

112 100

64 68.9 53.1 79.7

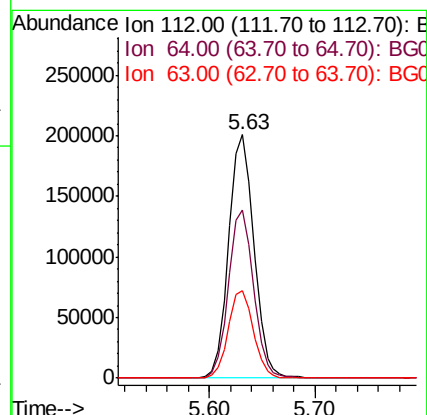
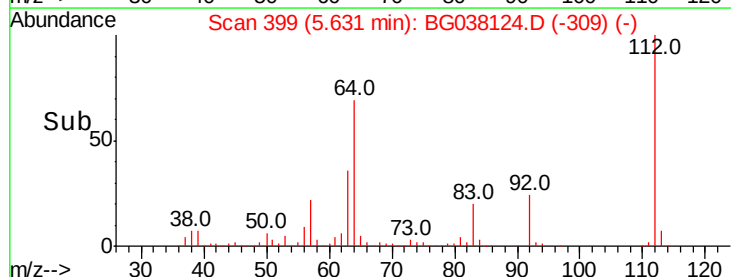
63 35.9 27.3 40.9

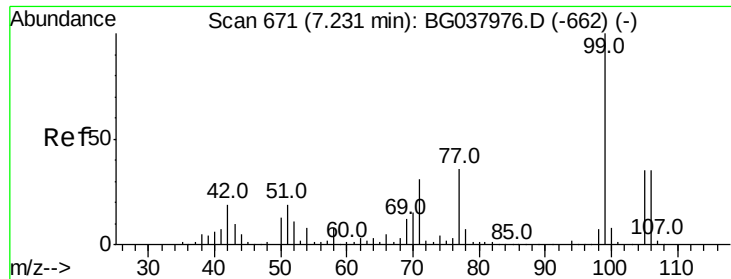


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 138.985 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.00 min

Lab File: BG038124.D

Acq: 21 Nov 2018 19:35

Instrument :

BNA_G

ClientSampleId :

PB115013TB

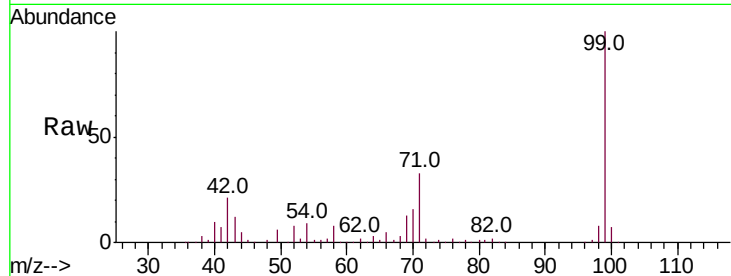
Tot Ion: 99 Resp: 471781

Ion Ratio Lower Upper

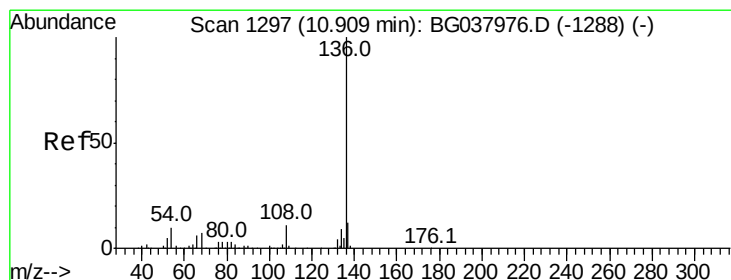
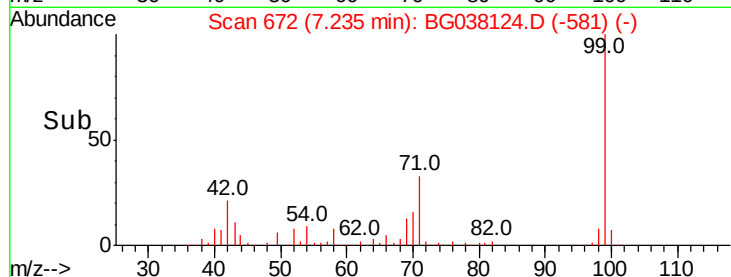
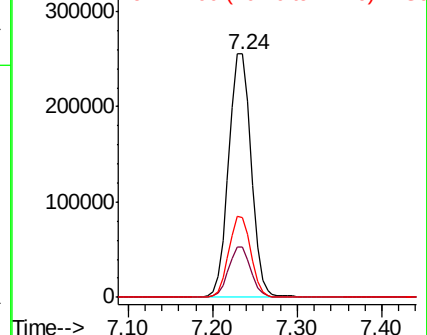
99 100

42 20.6 15.0 22.4

71 33.0 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: 10.90 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BG038124.D

Acq: 21 Nov 2018 19:35

Tgt Ion: 136 Resp: 179786

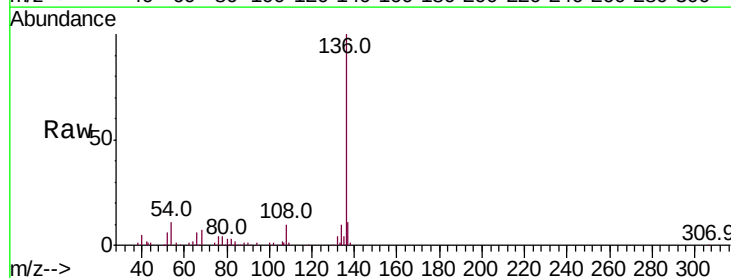
Ion Ratio Lower Upper

136 100

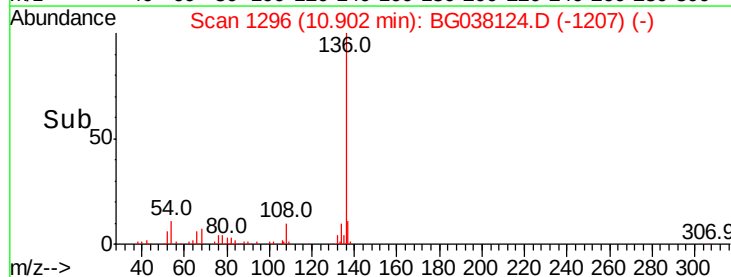
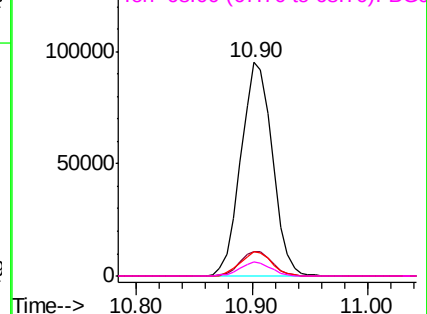
137 11.3 9.6 14.4

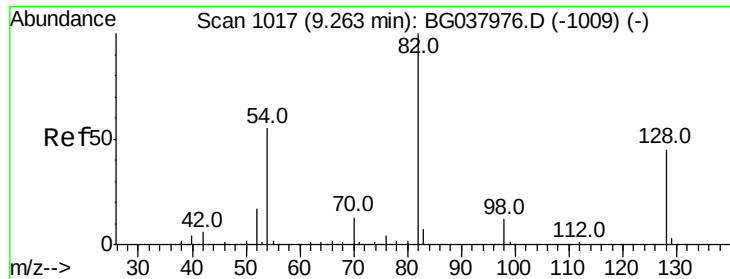
54 11.3 7.9 11.9

68 6.9 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: 87.748 ng

RT: 9.26 min Scan# 1017

Delta R.T. -0.00 min

Lab File: BG038124.D

Acq: 21 Nov 2018 19:35

Instrument :

BNA_G

ClientSampleId :

PB115013TB

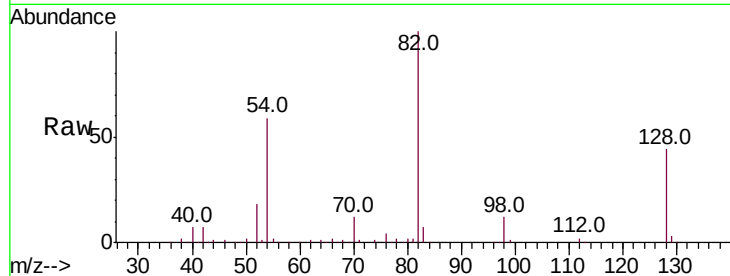
Tot Ion: 82 Resp: 294708

Ion Ratio Lower Upper

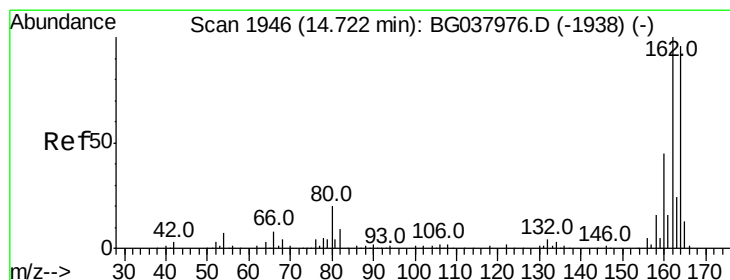
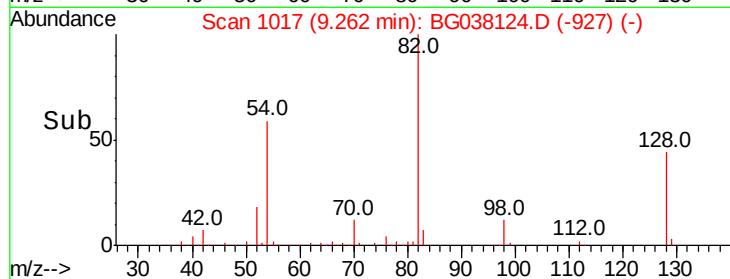
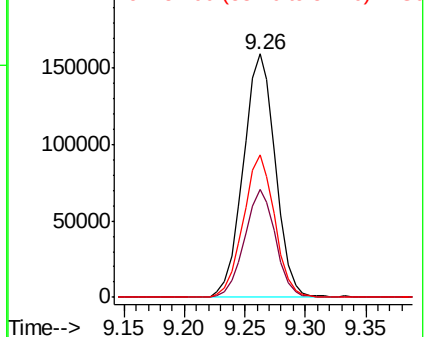
82 100

128 44.1 34.6 51.8

54 58.6 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: BG038124.D

Acq: 21 Nov 2018 19:35

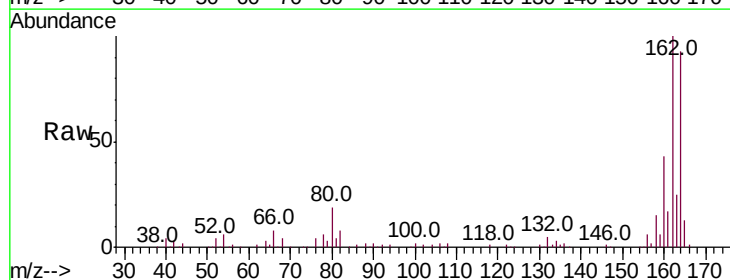
Tgt Ion: 164 Resp: 113822

Ion Ratio Lower Upper

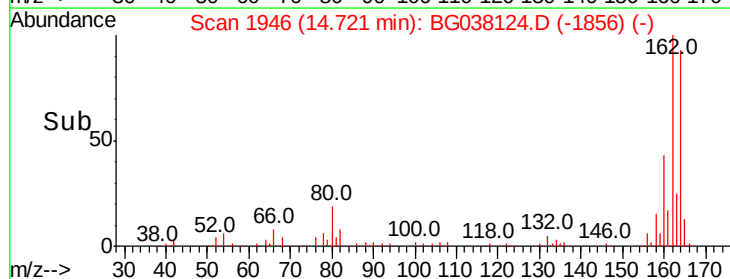
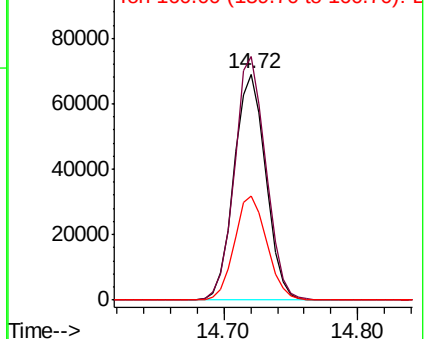
164 100

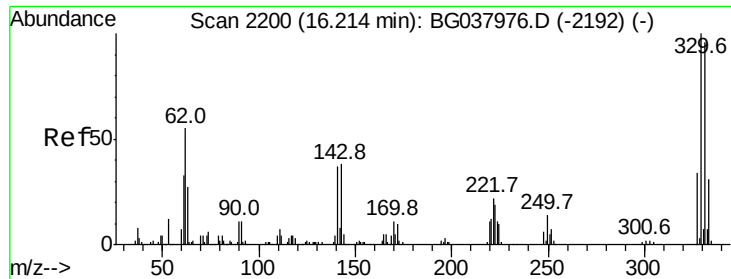
162 107.8 81.3 121.9

160 45.8 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

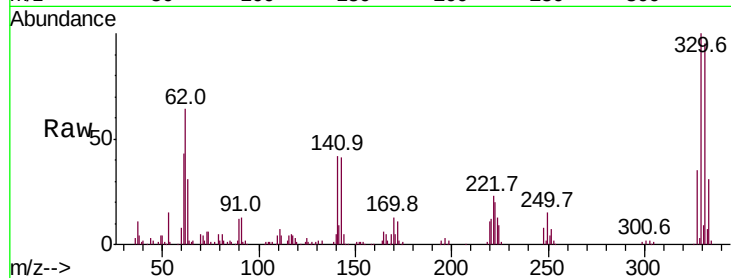




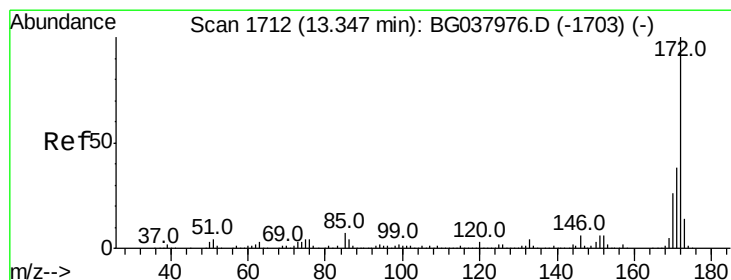
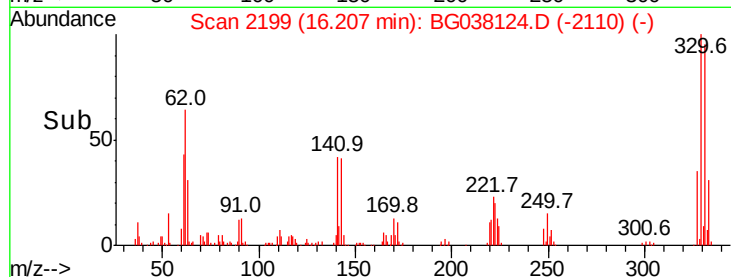
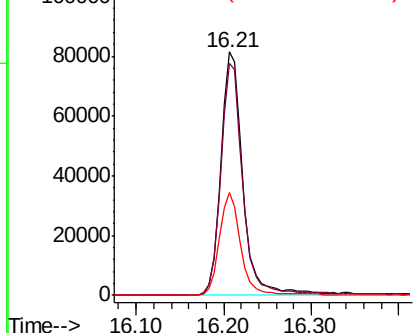
#42
 2,4,6-Tribromophenol
 Concen: 109.067 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG038124.D
 Acq: 21 Nov 2018 19:35

Instrument :
 BNA_G
 ClientSampleId :
 PB115013TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	78.4	117.6
141	40.3	32.2	48.2

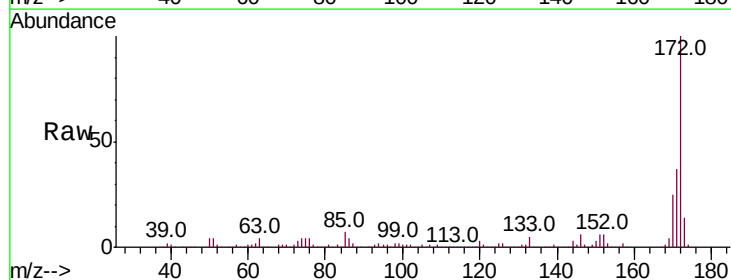


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

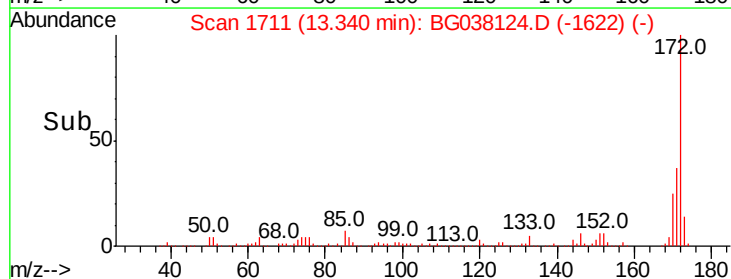
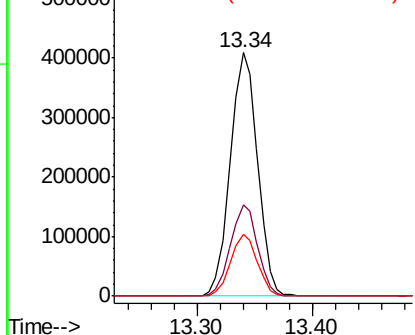


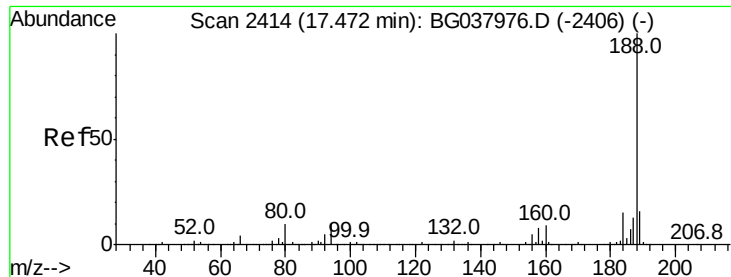
#45
 2-Fluorobiphenyl
 Concen: 85.546 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038124.D
 Acq: 21 Nov 2018 19:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	31.0	46.4
170	25.4	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

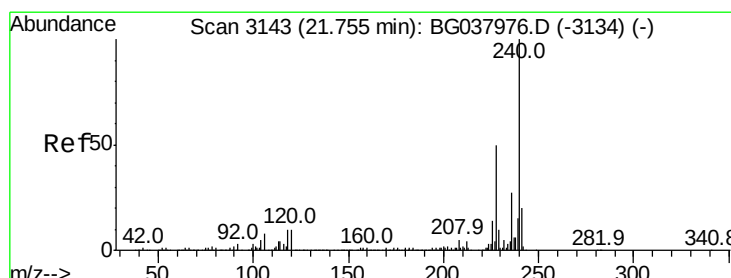
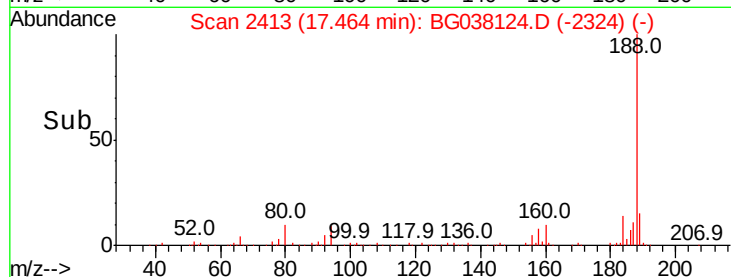
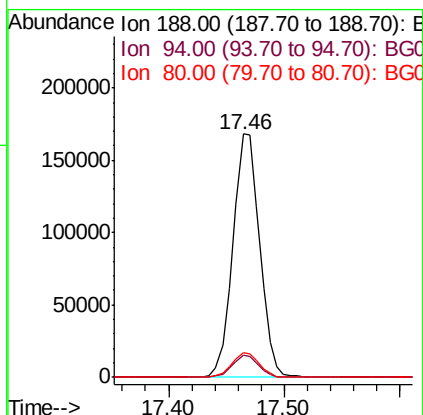
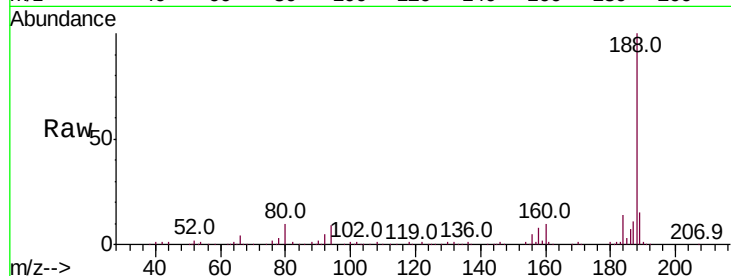




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG038124.D
Acq: 21 Nov 2018 19:35

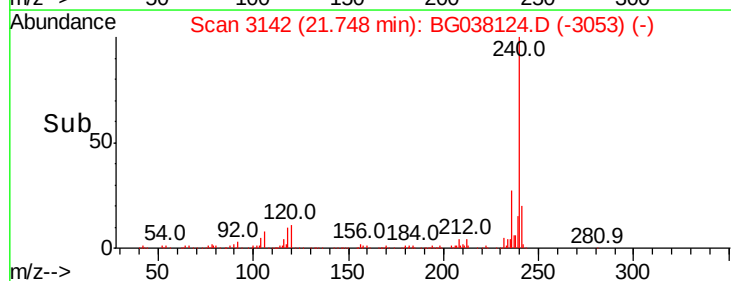
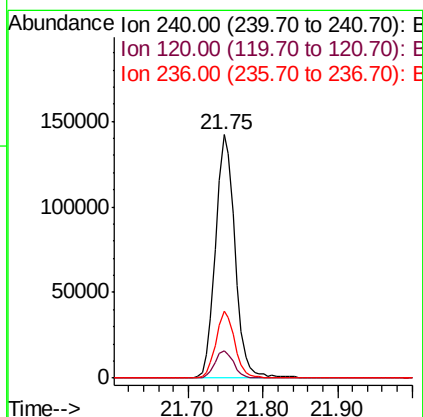
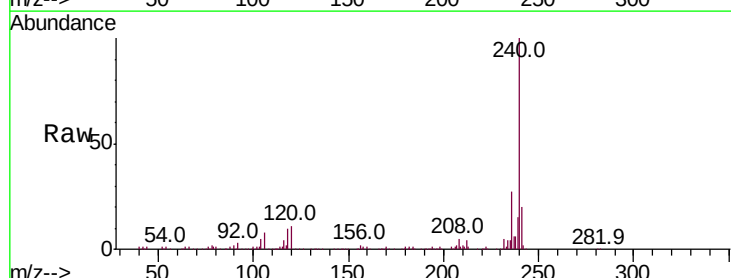
Instrument :
BNA_G
ClientSampleId :
PB115013TB

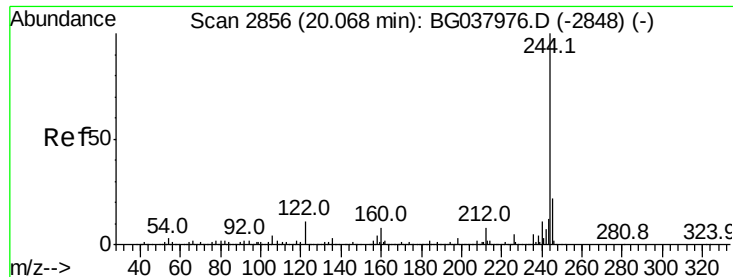
Tot Ion:188 Resp: 270124
Ion Ratio Lower Upper
188 100
94 9.2 7.2 10.8
80 10.1 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BG038124.D
Acq: 21 Nov 2018 19:35

Tgt Ion:240 Resp: 257283
Ion Ratio Lower Upper
240 100
120 11.3 8.1 12.1
236 27.4 21.4 32.0



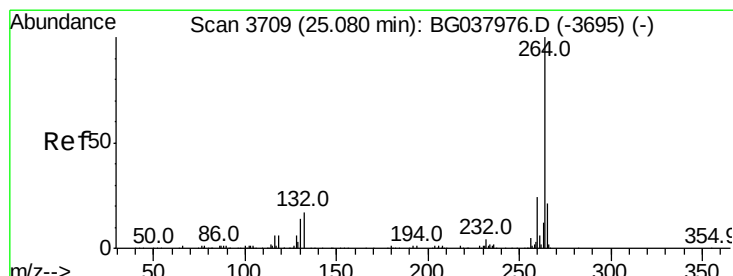
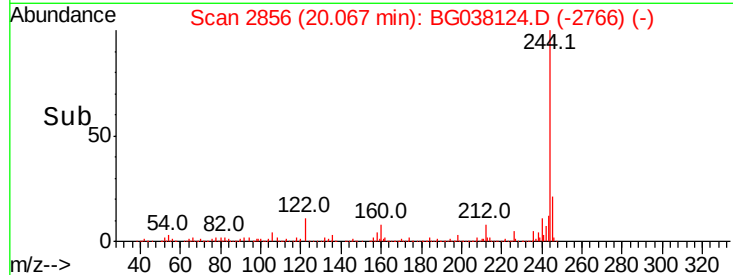
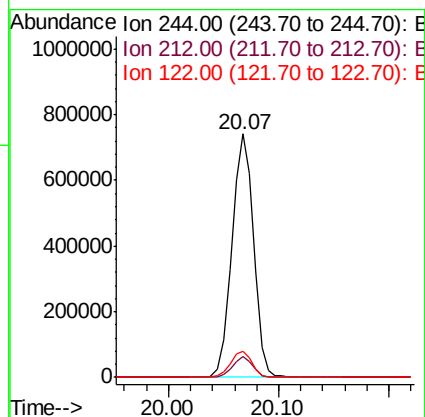
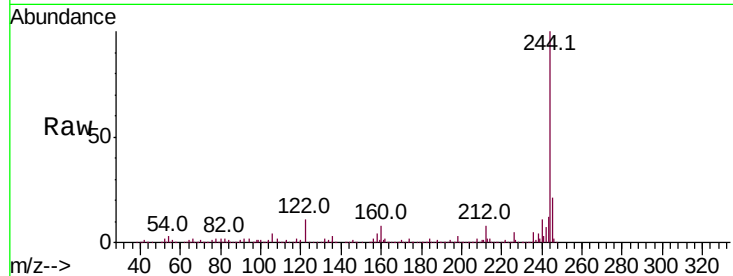


#79
 Terphenyl-d14
 Concen: 93.277 ng
 RT: 20.07 min Scan# 2856
 Delta R.T. -0.00 min
 Lab File: BG038124.D
 Acq: 21 Nov 2018 19:35

Instrument :
 BNA_G
 ClientSampleId :
 PB115013TB

Tot Ion:244 Resp: 1019906

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.5	9.7
122	10.8	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: BG038124.D
 Acq: 21 Nov 2018 19:35

Tgt Ion:264 Resp: 247663

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.2	27.4
265	19.0	17.9	26.9

