

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110118\
 Data File : BG037733.D
 Acq On : 2 Nov 2018 00:23
 Operator : JU/SJ
 Sample : PB114358BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114358BL

Quant Time: Nov 02 07:54:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	61945	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	277365	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	186168	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	416190	20.00	ng	0.00
76) Chrysene-d12	21.77	240	348978	20.00	ng	0.00
87) Perylene-d12	25.10	264	305302	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	267496	72.20	ng	0.00
7) Phenol-d6	7.24	99	397184	70.89	ng	0.00
23) Nitrobenzene-d5	9.28	82	354486	71.59	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	138739	68.33	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	896894	72.65	ng	-0.01
79) Terphenyl-d14	20.08	244	1230243	75.33	ng	0.00

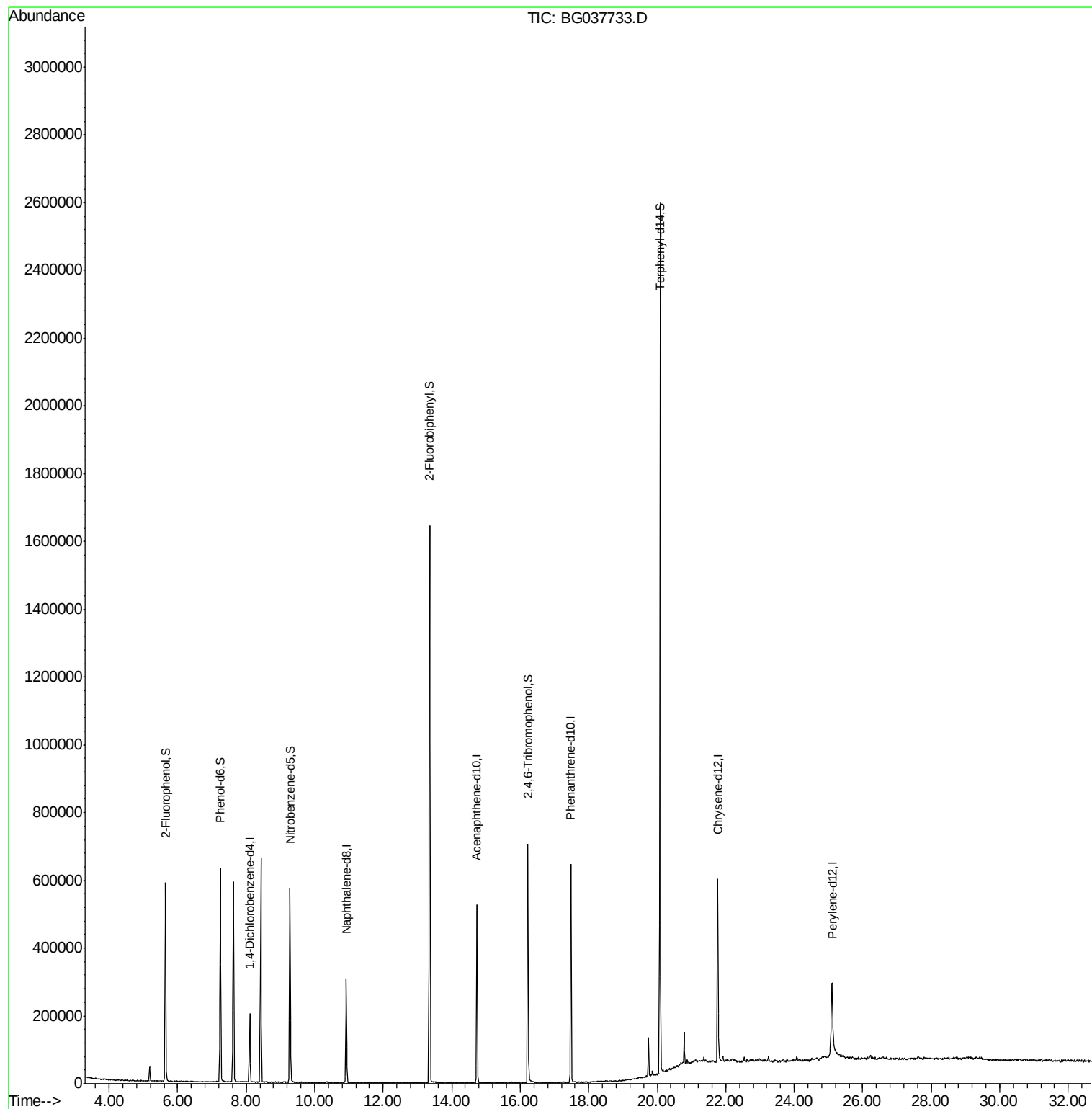
Target Compounds Qvalue

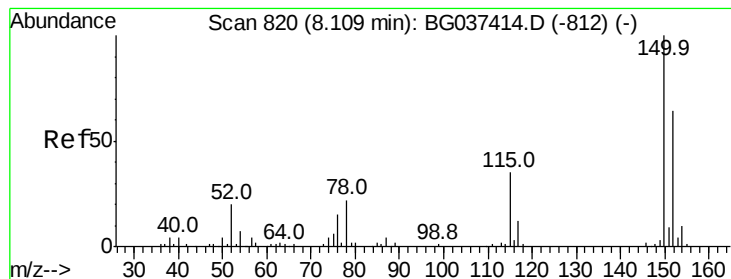
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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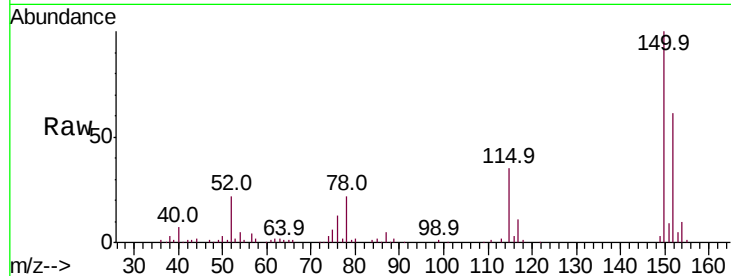


#1

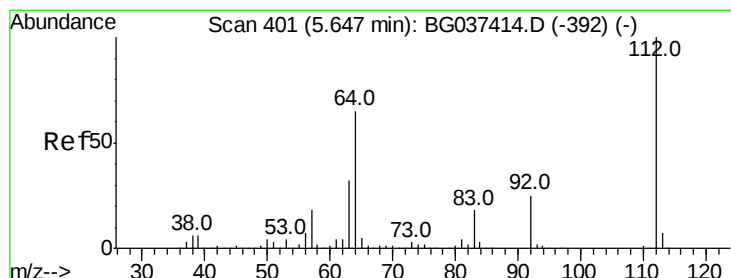
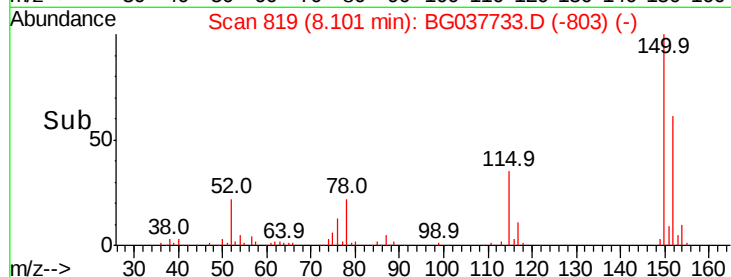
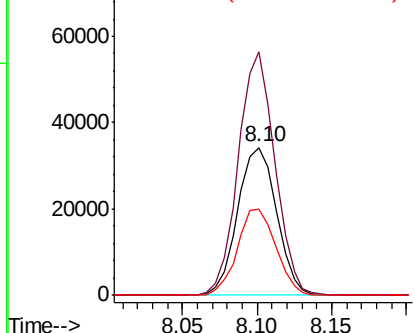
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037733.D
Acq: 2 Nov 2018 00:23

Instrument :
BNA_G
ClientSampleId :
PB114358BL

Tot Ion:152 Resp: 61945
Ion Ratio Lower Upper
152 100
150 164.2 126.0 189.0
115 57.9 45.5 68.3



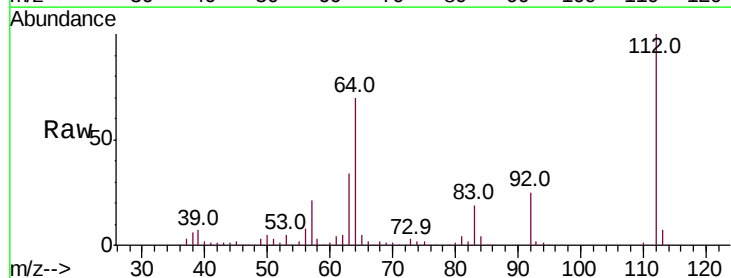
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



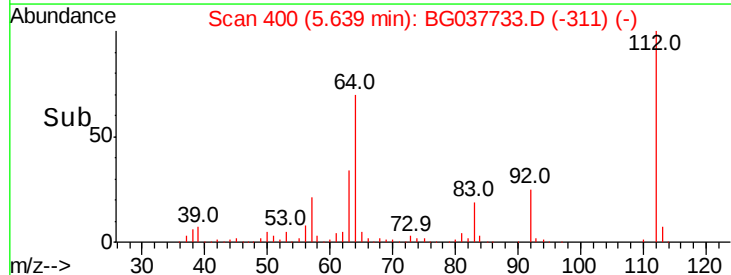
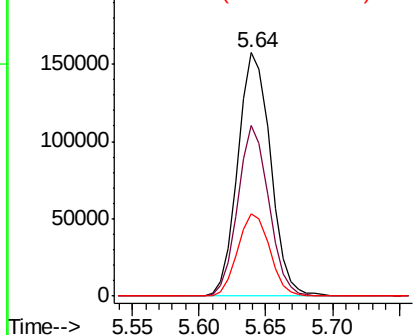
#5

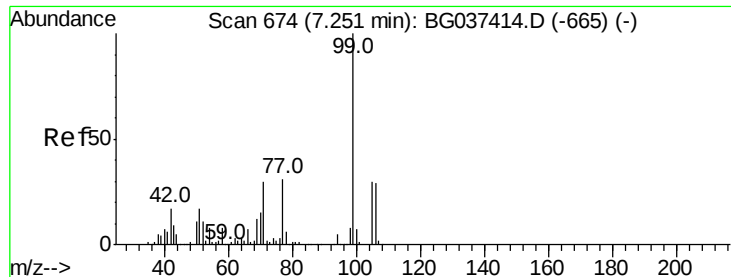
2-Fluorophenol
Concen: 72.195 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037733.D
Acq: 2 Nov 2018 00:23

Tgt Ion:112 Resp: 267496
Ion Ratio Lower Upper
112 100
64 70.1 53.1 79.7
63 33.8 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: 70.892 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037733.D

Acq: 2 Nov 2018 00:23

Instrument :

BNA_G

ClientSampleId :

PB114358BL

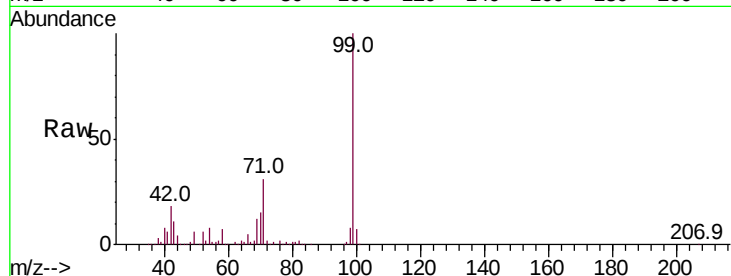
Tot Ion: 99 Resp: 397184

Ion Ratio Lower Upper

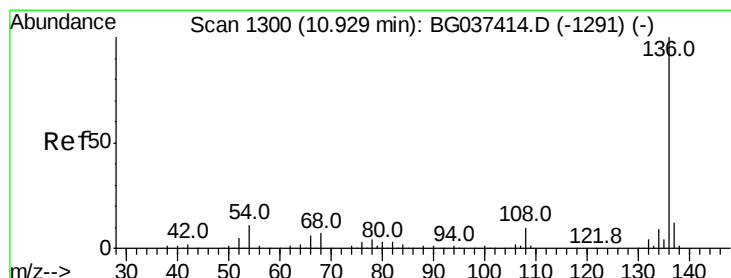
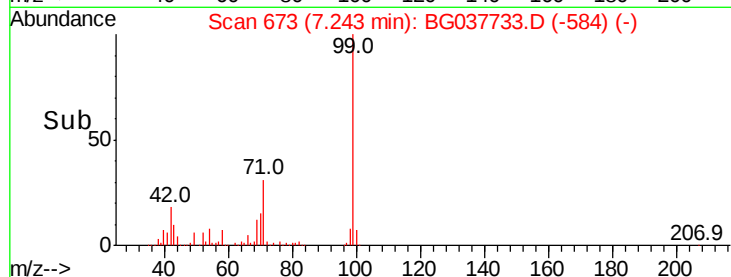
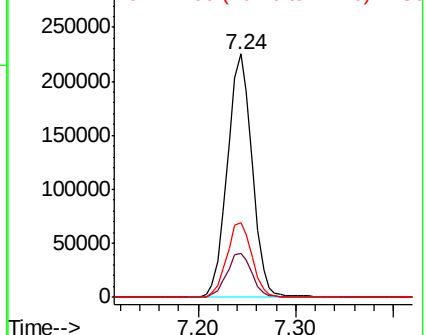
99 100

42 18.2 15.0 22.4

71 30.6 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: 10.92 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BG037733.D

Acq: 2 Nov 2018 00:23

Tgt Ion: 136 Resp: 277365

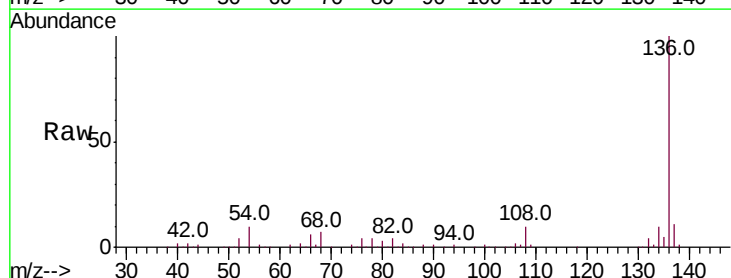
Ion Ratio Lower Upper

136 100

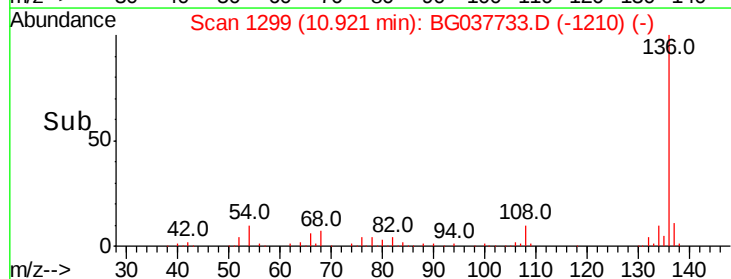
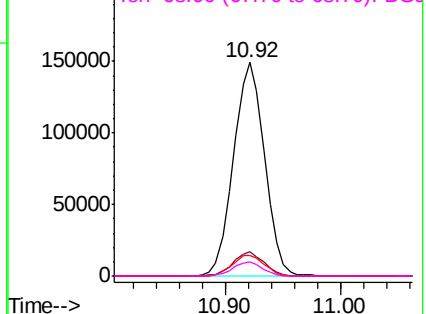
137 11.4 9.6 14.4

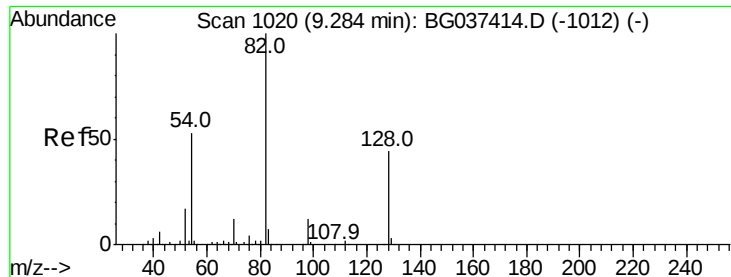
54 9.7 7.9 11.9

68 6.7 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

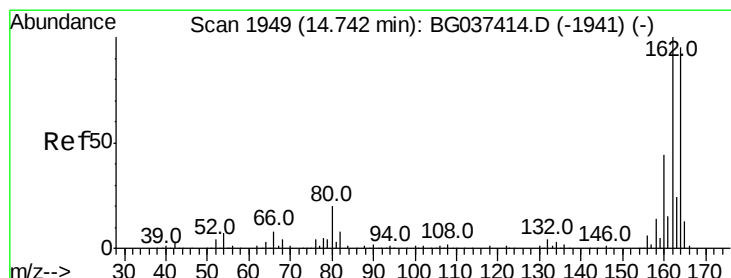
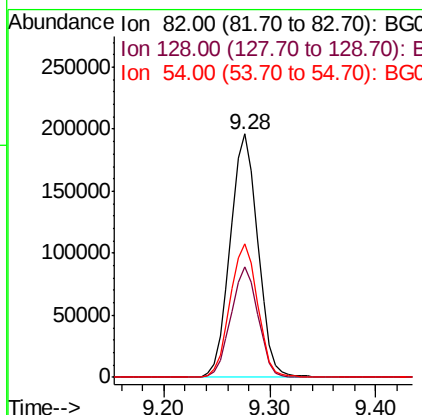
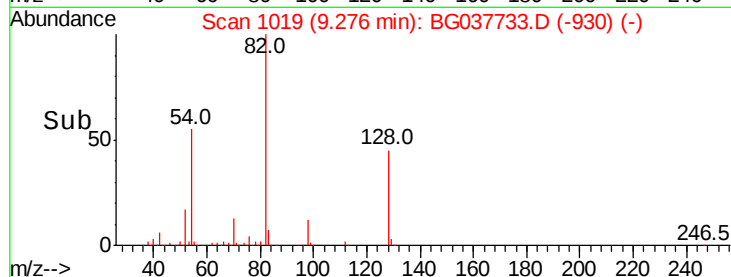
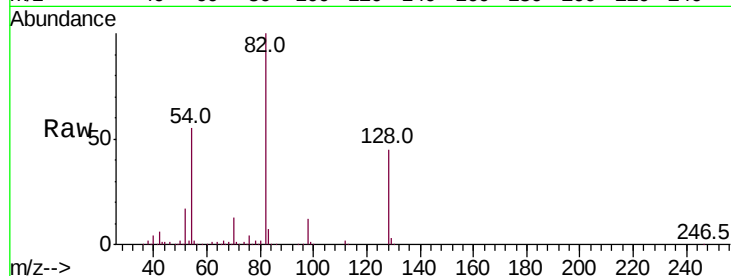




#23
Nitrobenzene-d5
Concen: 71.595 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037733.D
Acq: 2 Nov 2018 00:23

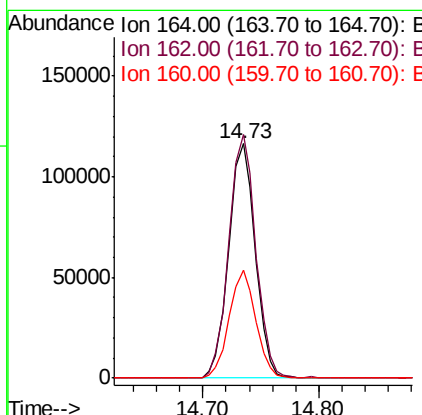
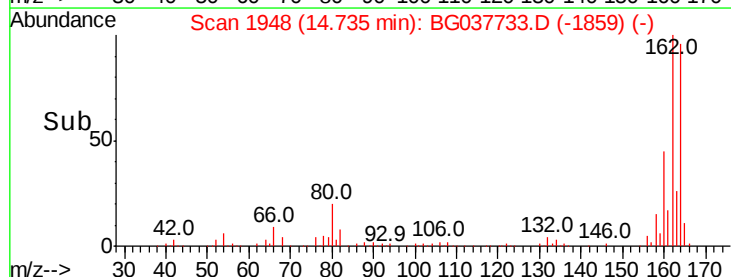
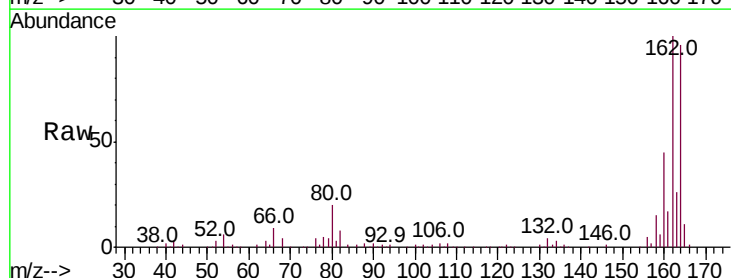
Instrument :
BNA_G
ClientSampleId :
PB114358BL

Tot Ion: 82 Resp: 354486
Ion Ratio Lower Upper
82 100
128 45.2 34.6 51.8
54 54.7 45.3 67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037733.D
Acq: 2 Nov 2018 00:23

Tgt Ion:164 Resp: 186168
Ion Ratio Lower Upper
164 100
162 103.8 81.3 121.9
160 46.3 36.3 54.5

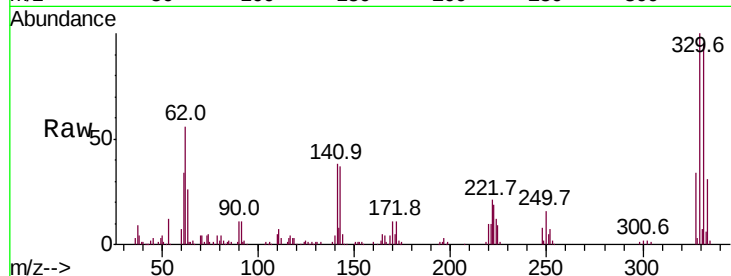




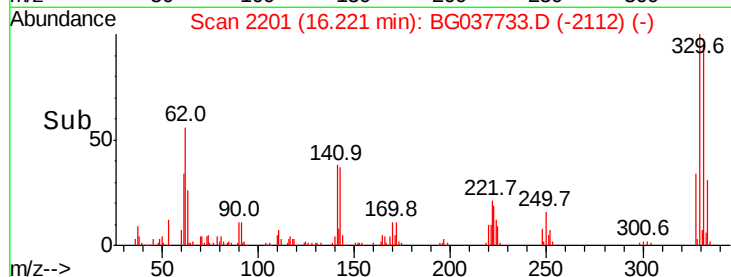
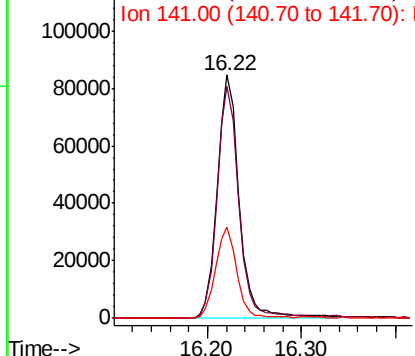
#42
 2,4,6-Tribromophenol
 Concen: 68.327 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BG037733.D
 Acq: 2 Nov 2018 00:23

Instrument :
 BNA_G
 ClientSampleId :
 PB114358BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	78.4	117.6
141	36.9	32.2	48.2

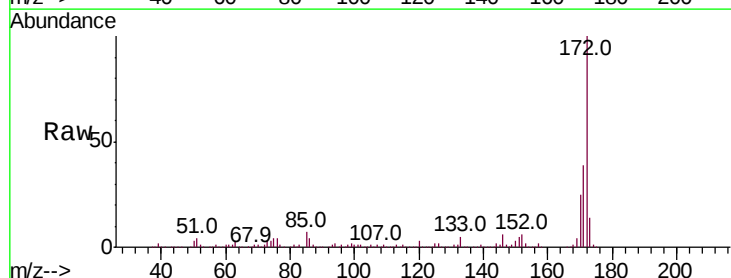


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

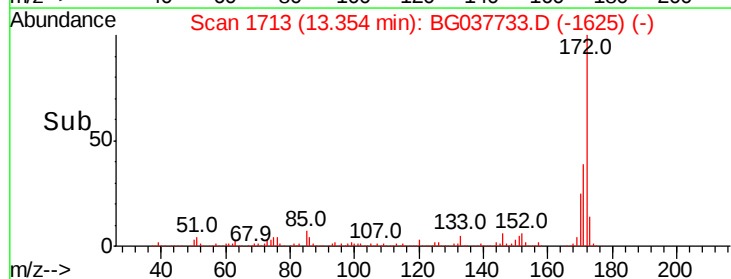
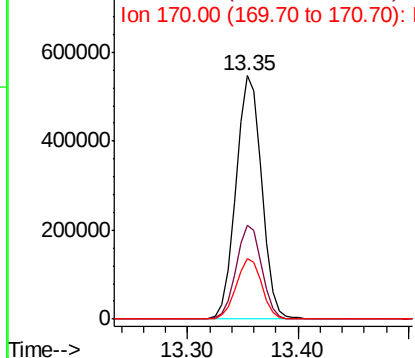


#45
 2-Fluorobiphenyl
 Concen: 72.648 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG037733.D
 Acq: 2 Nov 2018 00:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	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: 17.48 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BG037733.D

Acq: 2 Nov 2018 00:23

Instrument :

BNA_G

ClientSampleId :

PB114358BL

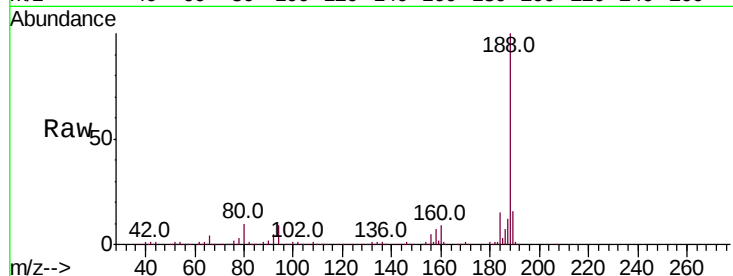
Tot Ion:188 Resp: 416190

Ion Ratio Lower Upper

188 100

94 9.0 7.2 10.8

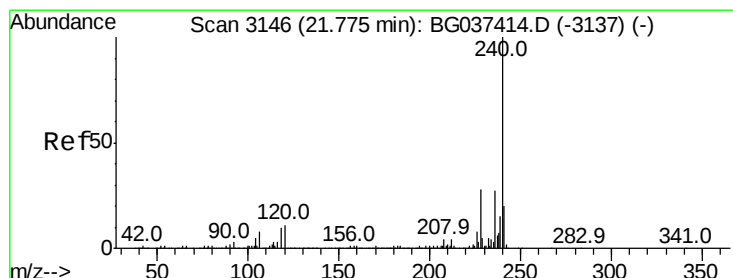
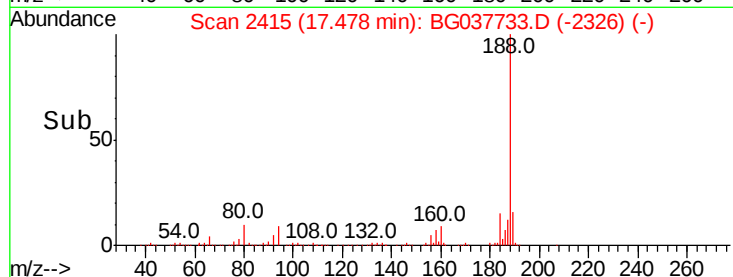
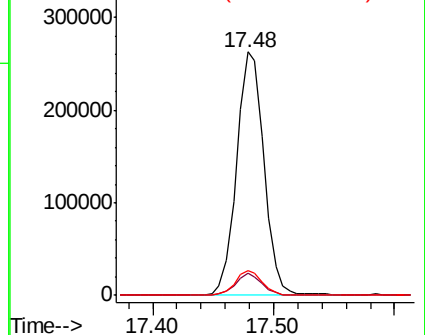
80 10.3 7.7 11.5



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: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG037733.D

Acq: 2 Nov 2018 00:23

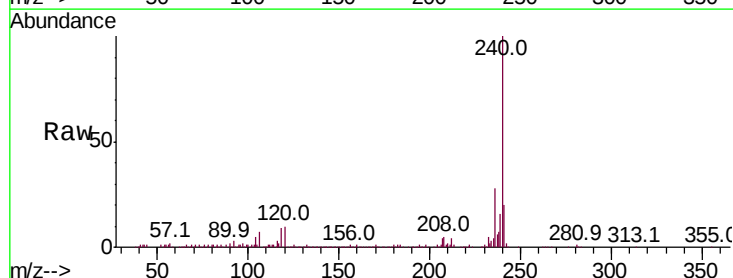
Tgt Ion:240 Resp: 348978

Ion Ratio Lower Upper

240 100

120 10.1 8.1 12.1

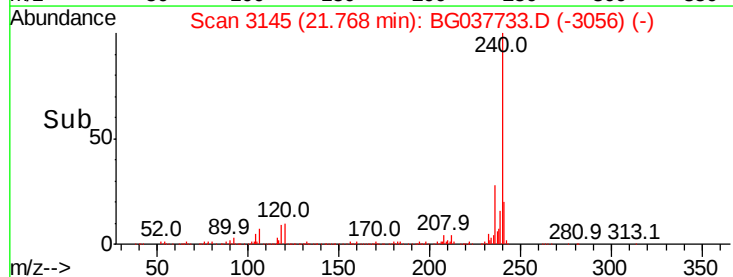
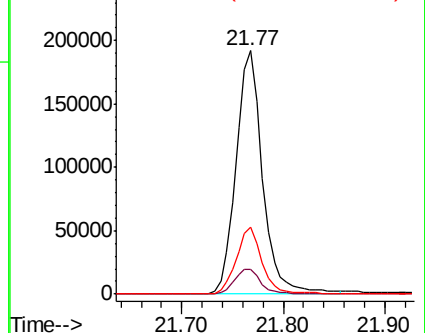
236 27.5 21.4 32.0

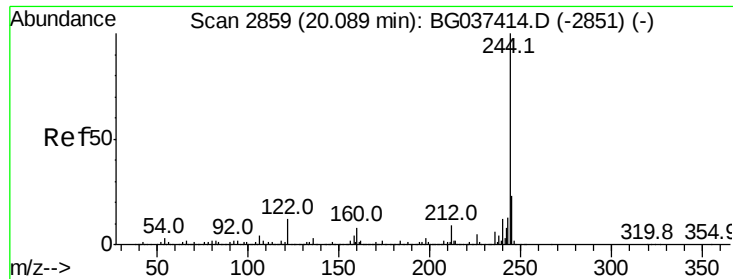


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 75.327 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037733.D

Acq: 2 Nov 2018 00:23

Instrument :

BNA_G

ClientSampleId :

PB114358BL

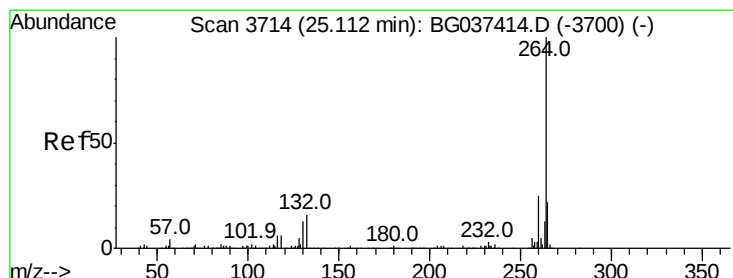
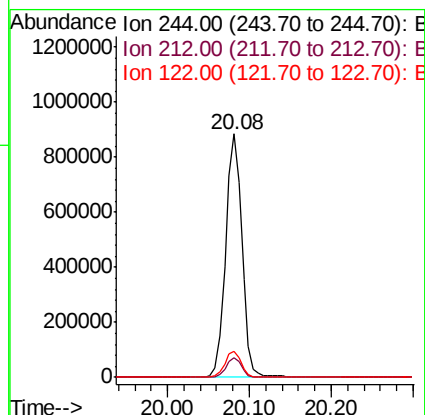
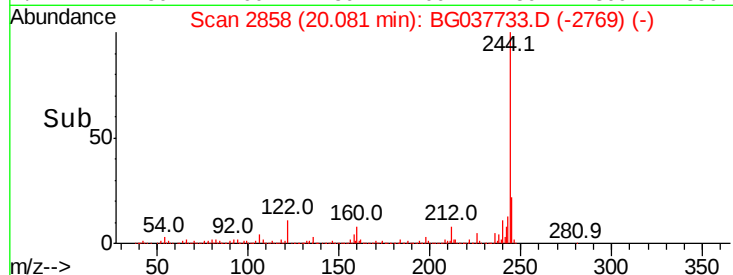
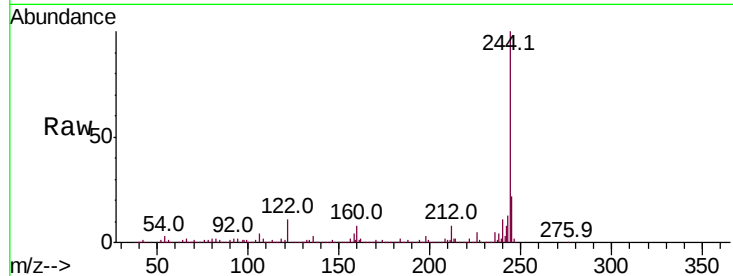
Tot Ion:244 Resp: 1230243

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

122 10.9 9.0 13.4



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3713

Delta R.T. -0.01 min

Lab File: BG037733.D

Acq: 2 Nov 2018 00:23

Tgt Ion:264 Resp: 305302

Ion Ratio Lower Upper

264 100

260 23.2 18.2 27.4

265 20.5 17.9 26.9

