

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103118\
 Data File : BG037692.D
 Acq On : 31 Oct 2018 20:14
 Operator : JU/SJ
 Sample : J5202-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-103018-A

Quant Time: Nov 01 07:14:17 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	55779	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	248563	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	169652	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	384369	20.00	ng	0.00
76) Chrysene-d12	21.76	240	355550	20.00	ng	-0.01
87) Perylene-d12	25.10	264	295702	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	368589	110.48	ng	0.00
7) Phenol-d6	7.24	99	484373	96.01	ng	0.00
23) Nitrobenzene-d5	9.28	82	362323	81.66	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	171484	92.68	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	864681	76.86	ng	-0.01
79) Terphenyl-d14	20.08	244	1302051	78.25	ng	0.00

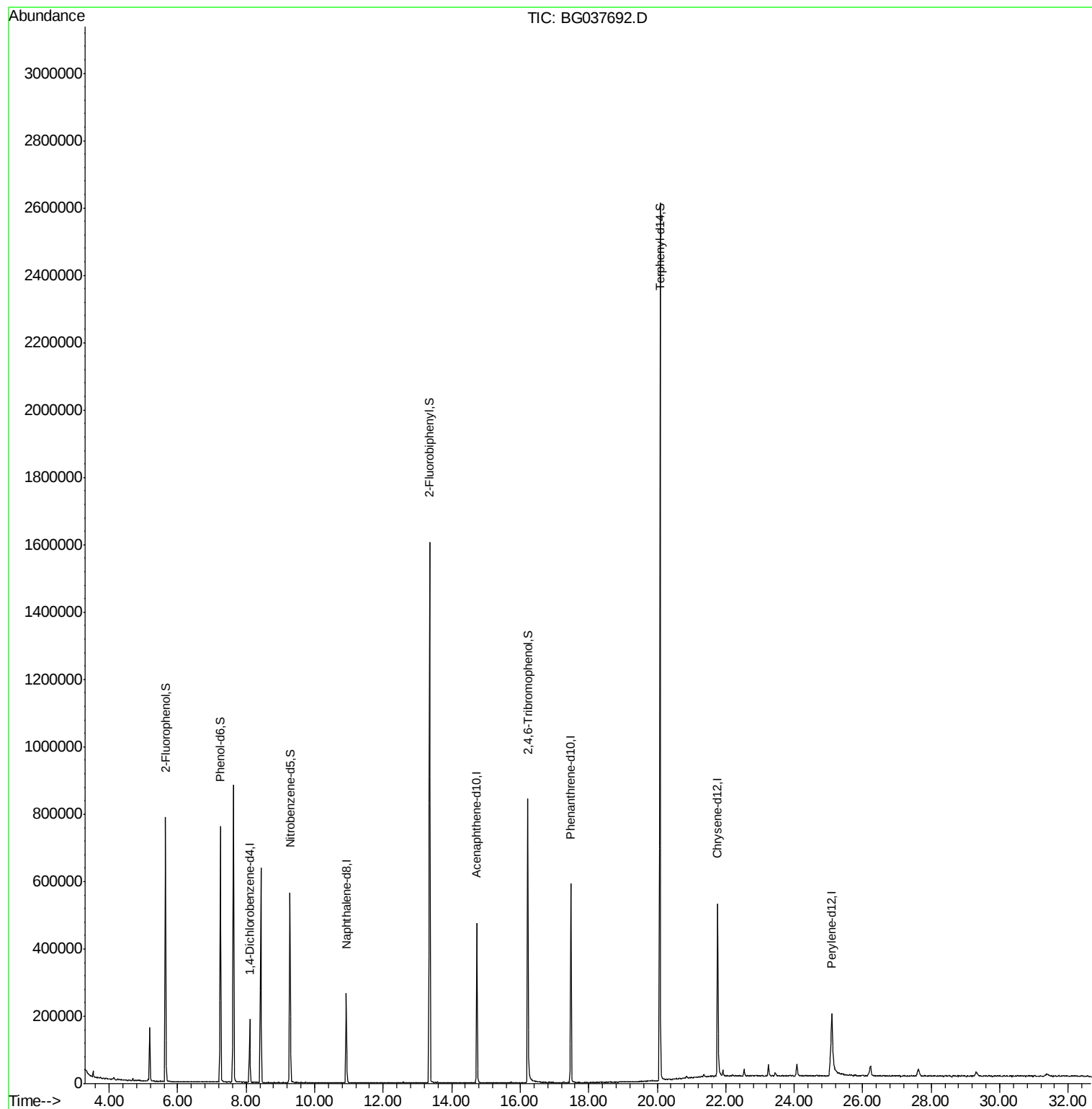
Target Compounds Qvalue

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

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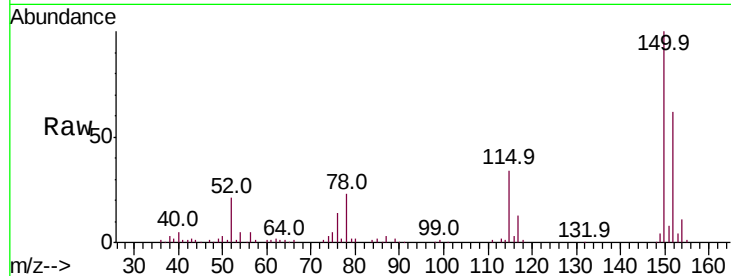


#1

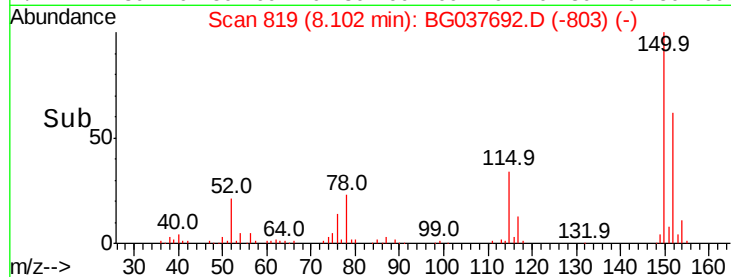
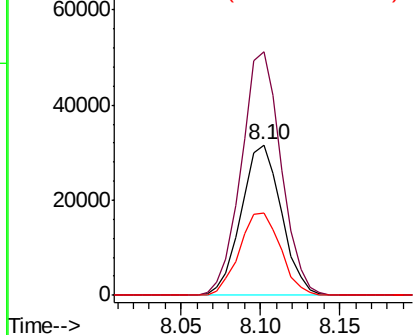
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037692.D
Acq: 31 Oct 2018 20:14

Instrument :
BNA_G
ClientSampleId :
PL-02-103018-A

Tot Ion:152 Resp: 55779
Ion Ratio Lower Upper
152 100
150 162.0 126.0 189.0
115 54.6 45.5 68.3



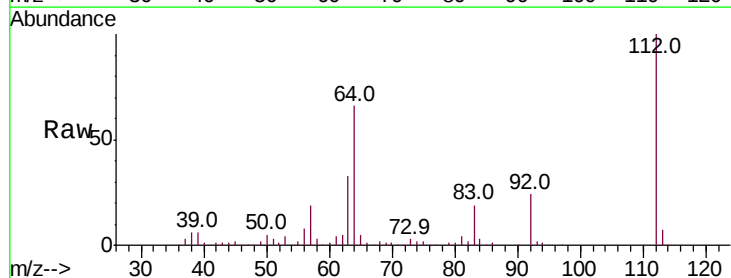
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



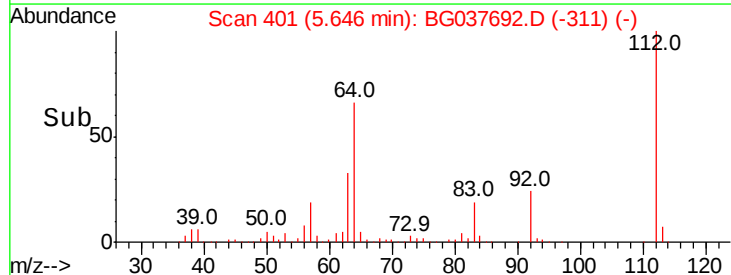
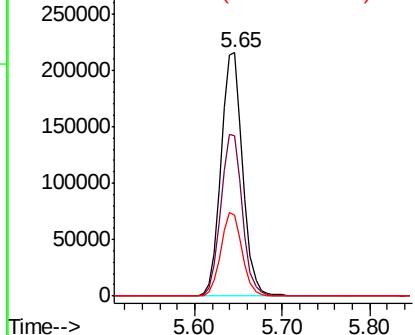
#5

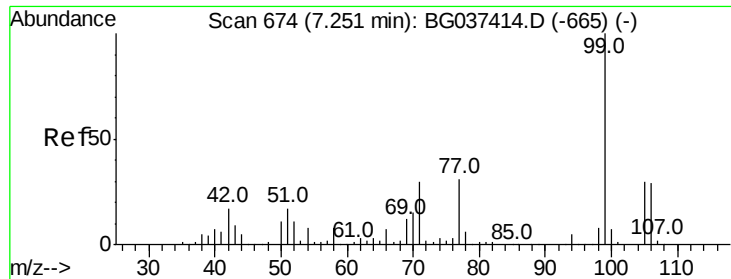
2-Fluorophenol
Concen: 110.476 ng
RT: 5.65 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037692.D
Acq: 31 Oct 2018 20:14

Tgt Ion:112 Resp: 368589
Ion Ratio Lower Upper
112 100
64 65.7 53.1 79.7
63 33.2 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: 96.011 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037692.D

Acq: 31 Oct 2018 20:14

Instrument :

BNA_G

ClientSampleId :

PL-02-103018-A

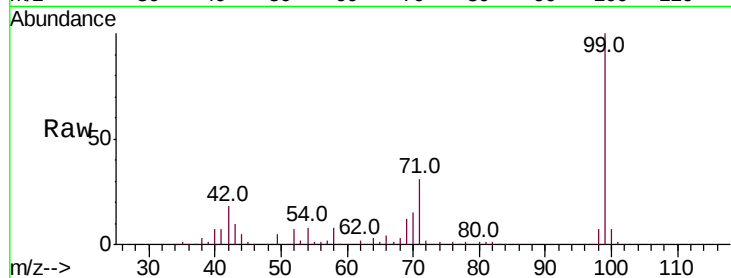
Tot Ion: 99 Resp: 484373

Ion Ratio Lower Upper

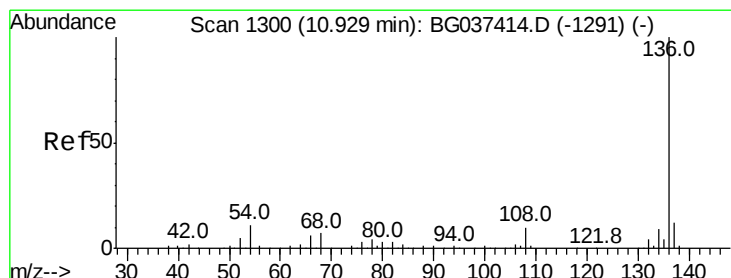
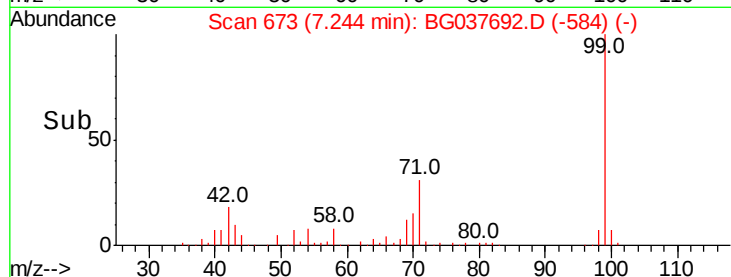
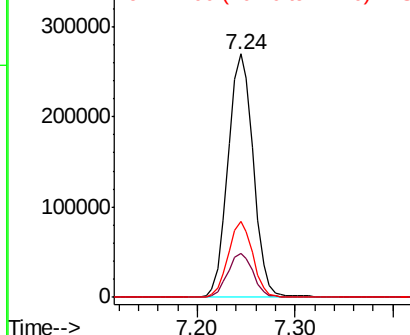
99 100

42 18.3 15.0 22.4

71 30.9 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: BG037692.D

Acq: 31 Oct 2018 20:14

Tgt Ion: 136 Resp: 248563

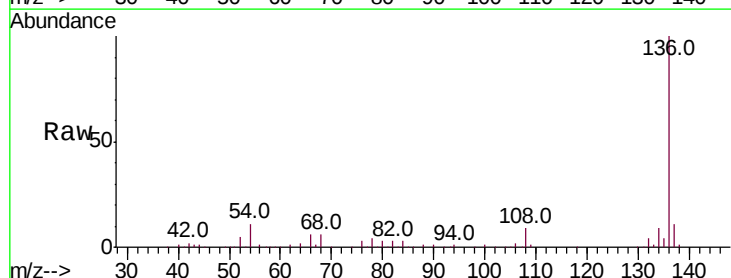
Ion Ratio Lower Upper

136 100

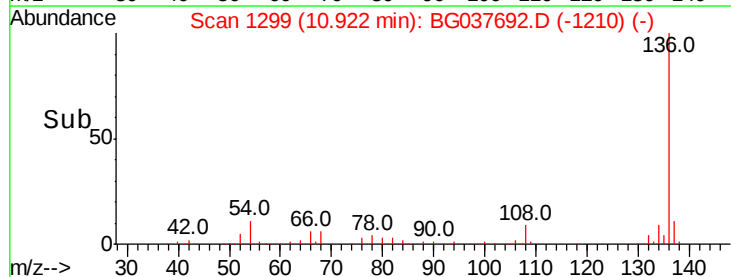
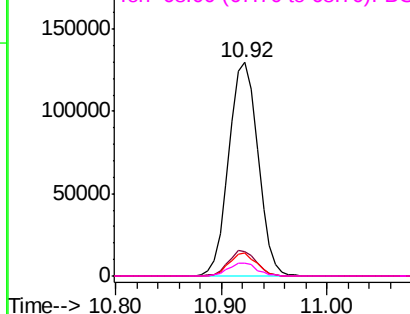
137 11.3 9.6 14.4

54 10.5 7.9 11.9

68 6.1 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

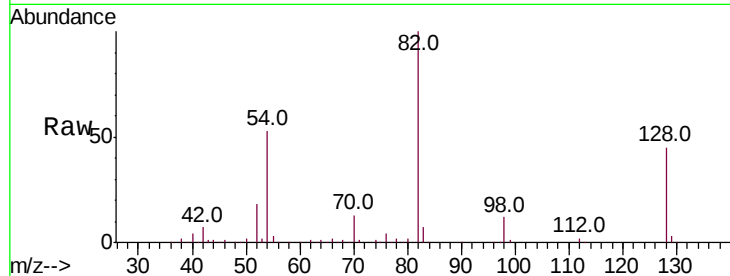




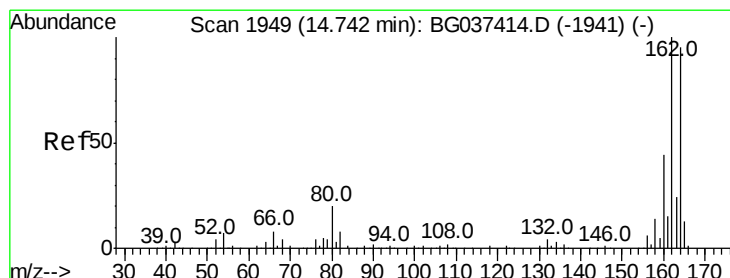
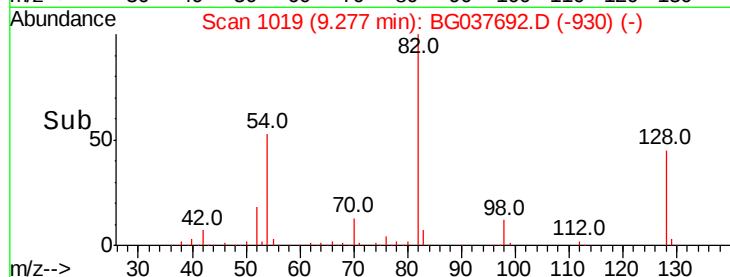
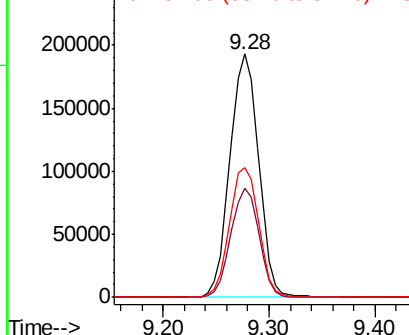
#23
Nitrobenzene-d5
Concen: 81.657 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037692.D
Acq: 31 Oct 2018 20:14

Instrument :
BNA_G
ClientSampleId :
PL-02-103018-A

Tot Ion: 82 Resp: 362323
Ion Ratio Lower Upper
82 100
128 44.9 34.6 51.8
54 53.1 45.3 67.9

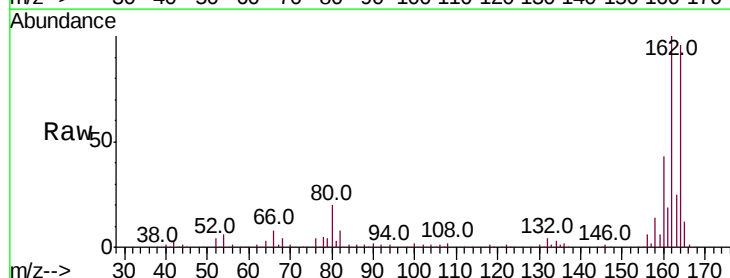


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

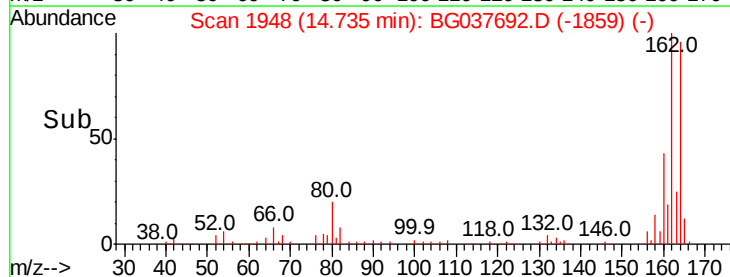
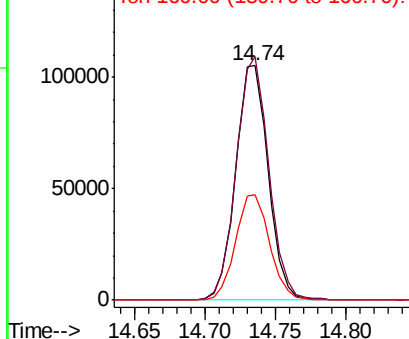


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037692.D
Acq: 31 Oct 2018 20:14

Tgt Ion: 164 Resp: 169652
Ion Ratio Lower Upper
164 100
162 104.0 81.3 121.9
160 44.9 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

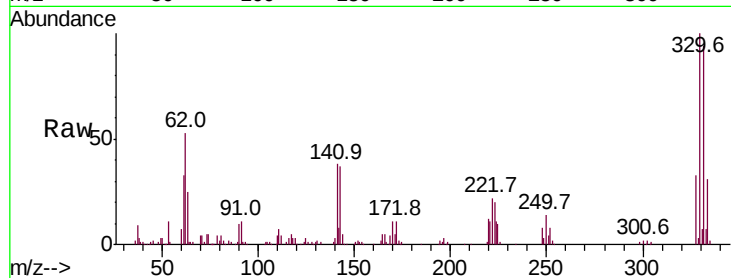




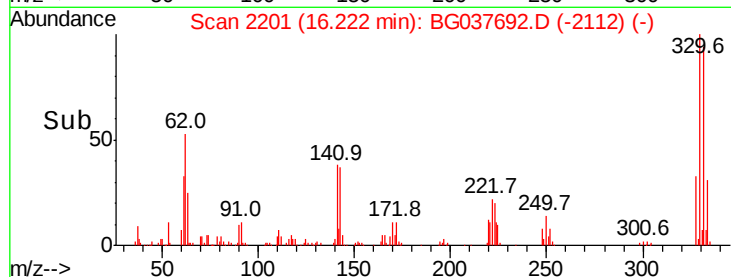
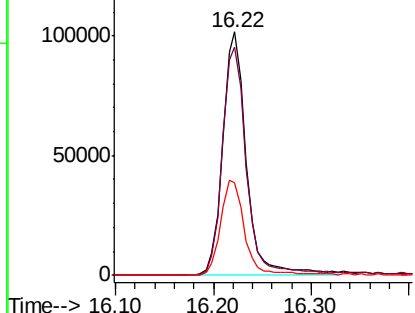
#42
 2,4,6-Tribromophenol
 Concen: 92.675 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BG037692.D
 Acq: 31 Oct 2018 20:14

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-103018-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	78.4	117.6
141	39.8	32.2	48.2

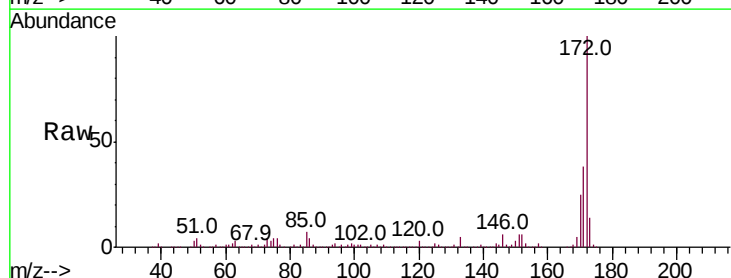


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

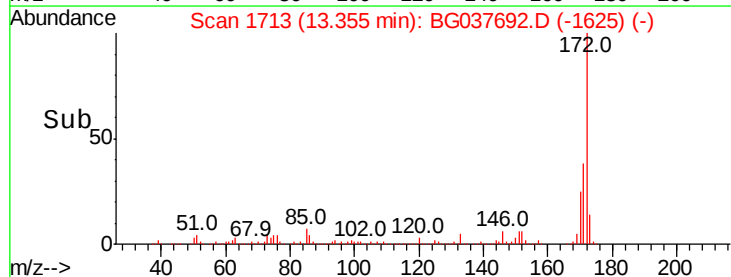
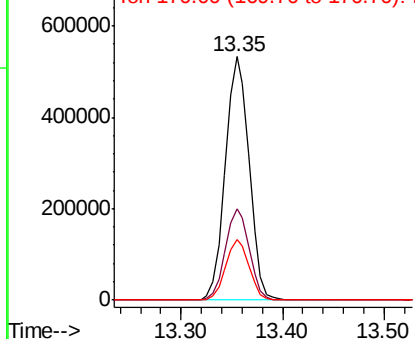


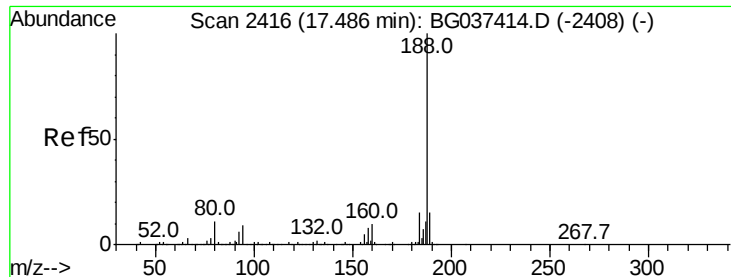
#45
 2-Fluorobiphenyl
 Concen: 76.857 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG037692.D
 Acq: 31 Oct 2018 20:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	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

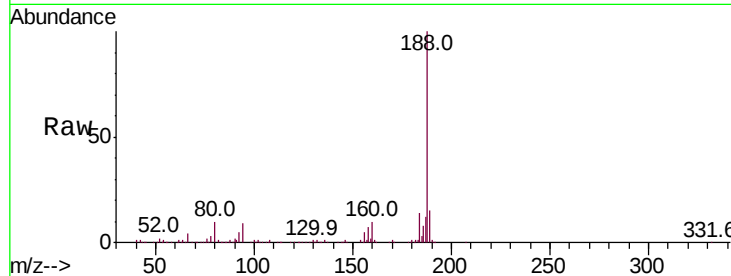




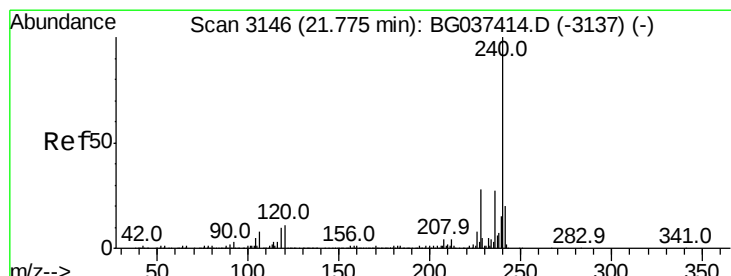
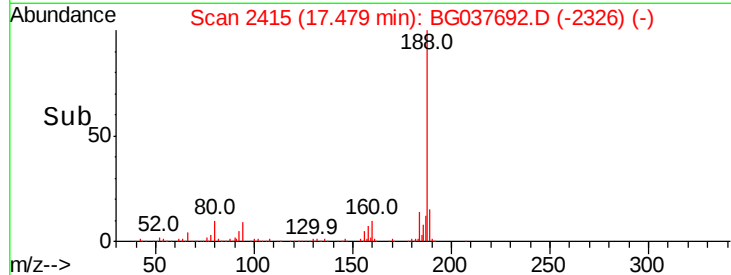
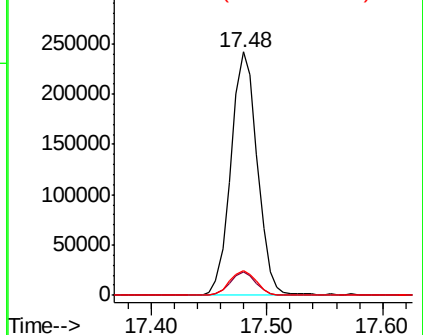
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037692.D
Acq: 31 Oct 2018 20:14

Instrument :
BNA_G
ClientSampleId :
PL-02-103018-A

Tot Ion:188 Resp: 384369
Ion Ratio Lower Upper
188 100
94 9.4 7.2 10.8
80 10.1 7.7 11.5

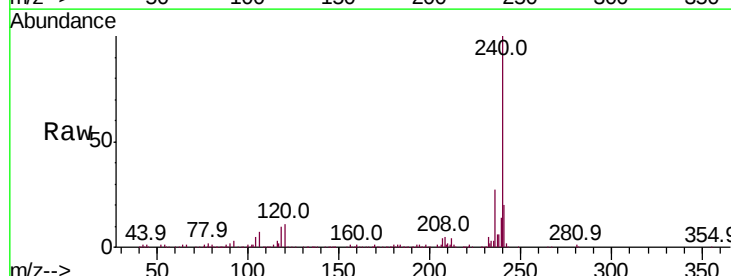


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

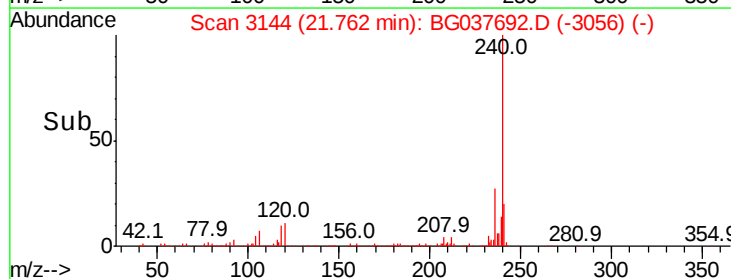
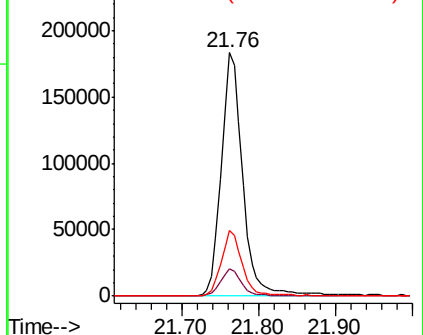


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG037692.D
Acq: 31 Oct 2018 20:14

Tgt Ion:240 Resp: 355550
Ion Ratio Lower Upper
240 100
120 11.0 8.1 12.1
236 27.2 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: 78.250 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037692.D

Acq: 31 Oct 2018 20:14

Instrument :

BNA_G

ClientSampleId :

PL-02-103018-A

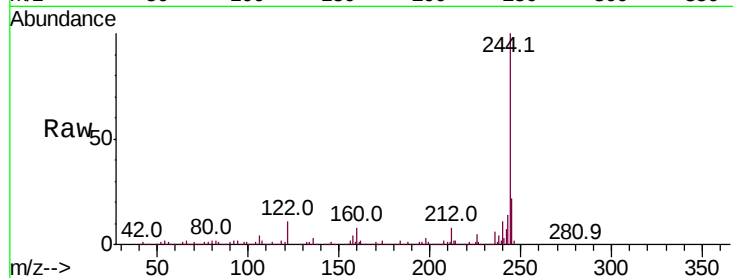
Tot Ion:244 Resp: 1302051

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

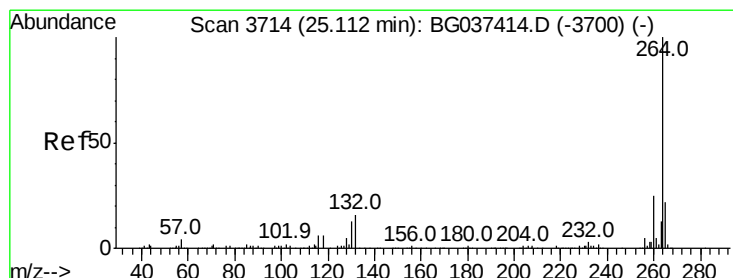
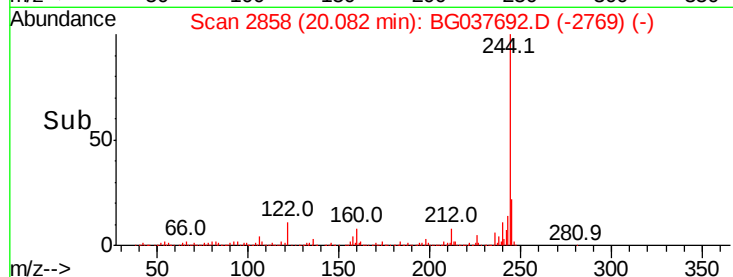
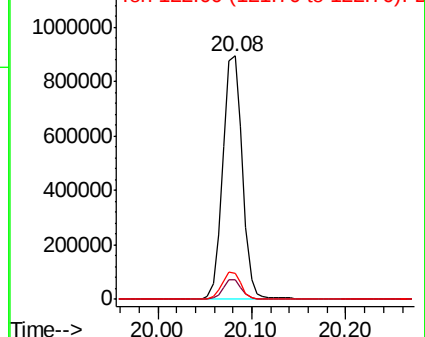
122 10.8 9.0 13.4



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: 25.10 min Scan# 3712

Delta R.T. -0.01 min

Lab File: BG037692.D

Acq: 31 Oct 2018 20:14

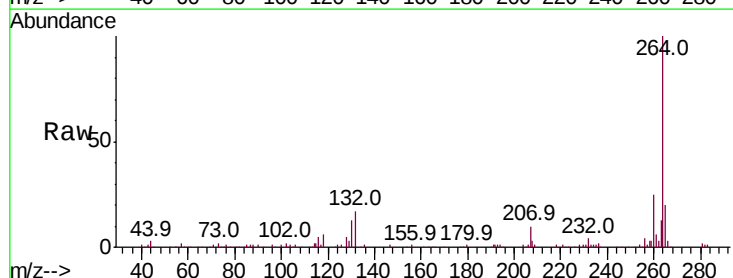
Tgt Ion:264 Resp: 295702

Ion Ratio Lower Upper

264 100

260 24.6 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

