

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103118\
 Data File : BG037696.D
 Acq On : 31 Oct 2018 22:52
 Operator : JU/SJ
 Sample : J5202-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-03-103018-B

Quant Time: Nov 01 07:19:22 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	50812	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	229149	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	156661	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	372375	20.00	ng	0.00
76) Chrysene-d12	21.76	240	337515	20.00	ng	-0.01
87) Perylene-d12	25.10	264	266543	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	353095	116.18	ng	0.00
7) Phenol-d6	7.24	99	457755	99.60	ng	0.00
23) Nitrobenzene-d5	9.28	82	344661	84.26	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	167102	97.80	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	821909	79.11	ng	-0.01
79) Terphenyl-d14	20.08	244	1299750	82.29	ng	0.00

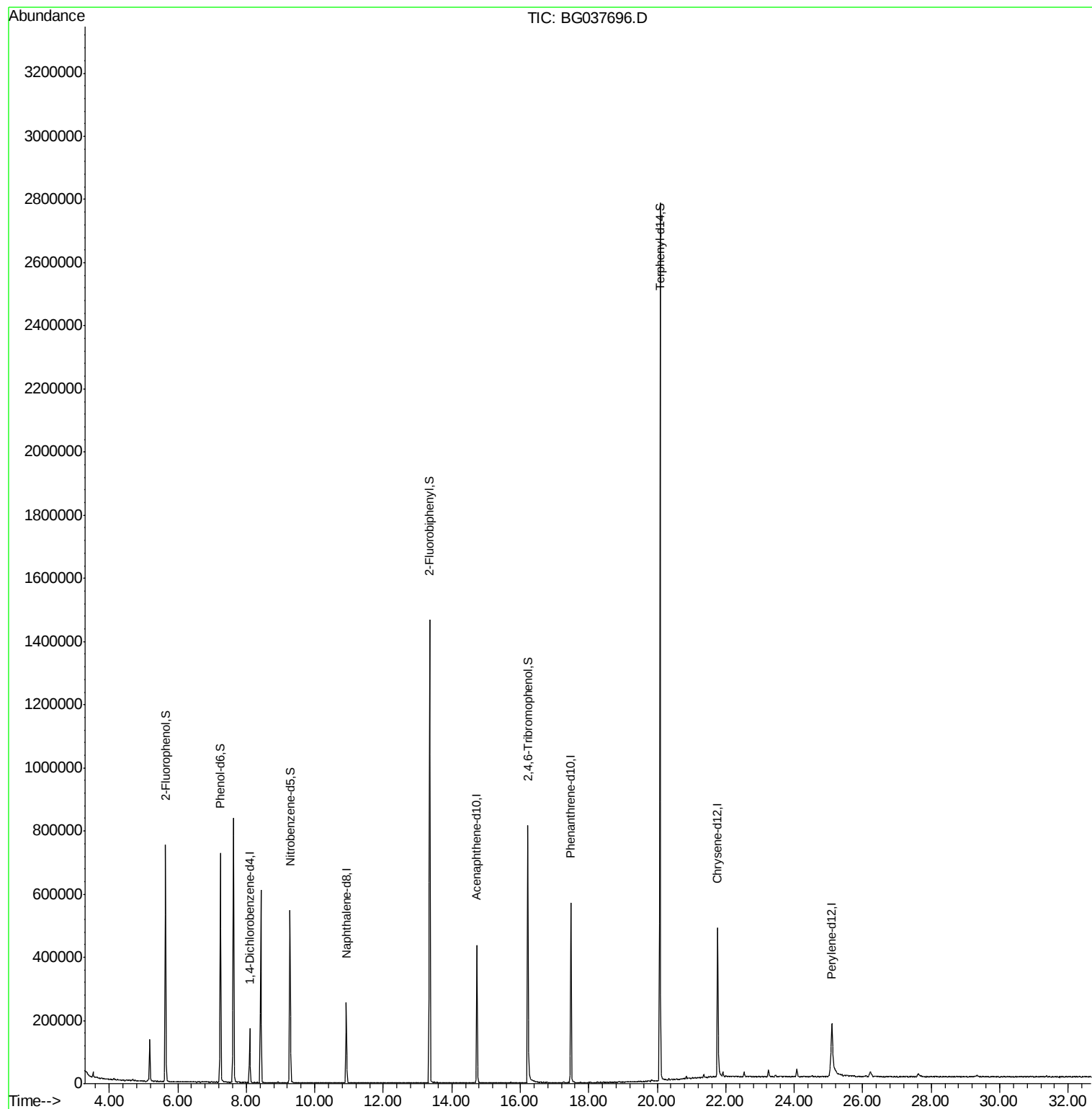
Target Compounds Qvalue

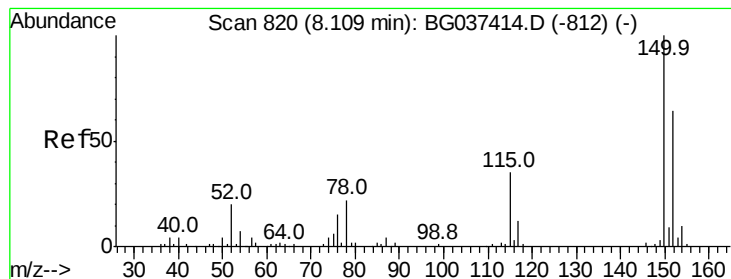
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG037696.D

Acq: 31 Oct 2018 22:52

Instrument :

BNA_G

ClientSampleId :

PL-03-103018-B

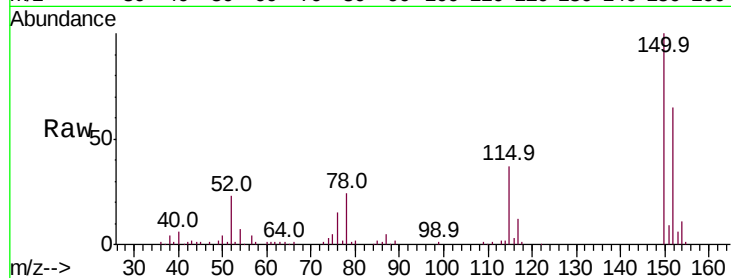
Tot Ion:152 Resp: 50812

Ion Ratio Lower Upper

152 100

150 153.9 126.0 189.0

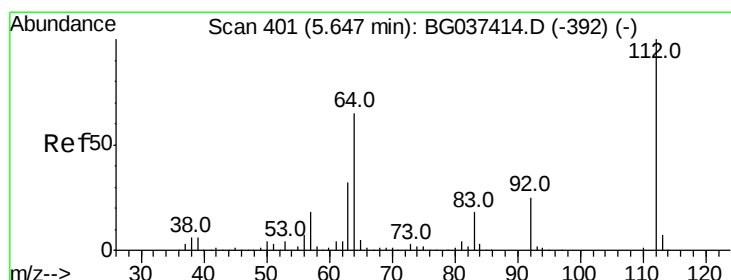
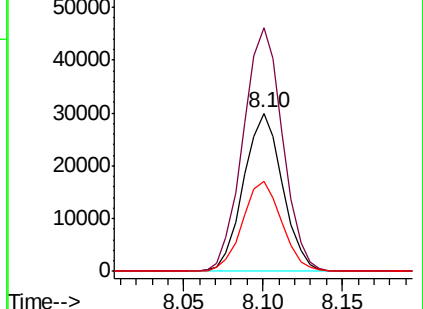
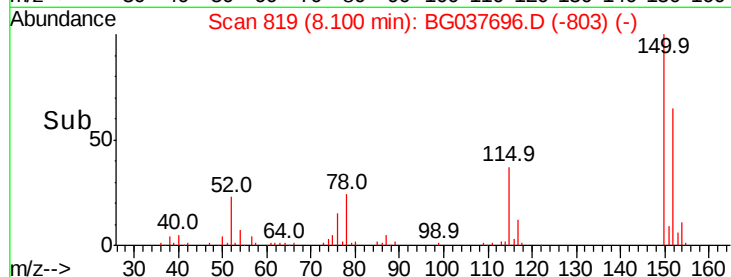
115 56.6 45.5 68.3



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: 116.178 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037696.D

Acq: 31 Oct 2018 22:52

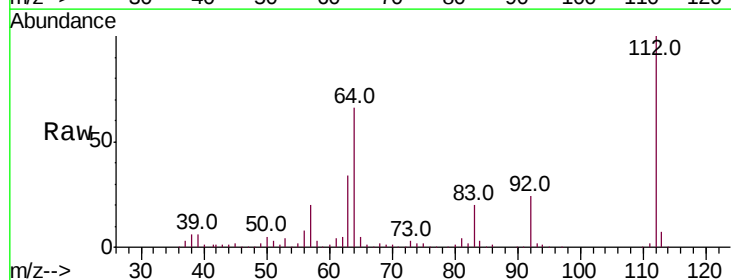
Tgt Ion:112 Resp: 353095

Ion Ratio Lower Upper

112 100

64 65.6 53.1 79.7

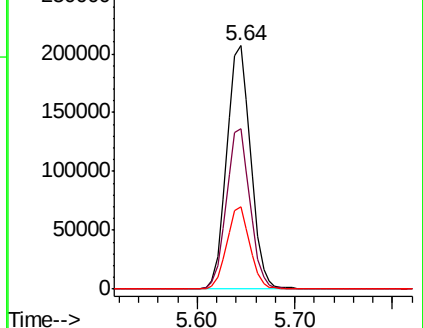
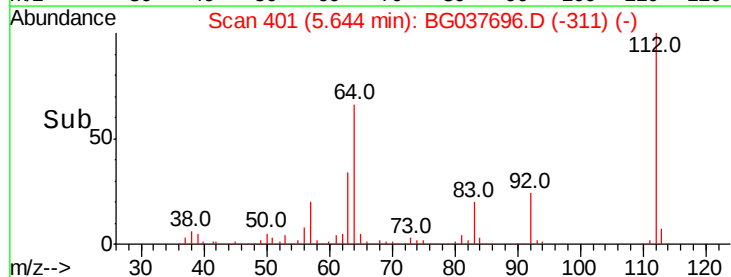
63 33.6 27.3 40.9



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: 99.604 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037696.D

Acq: 31 Oct 2018 22:52

Instrument :

BNA_G

ClientSampleId :

PL-03-103018-B

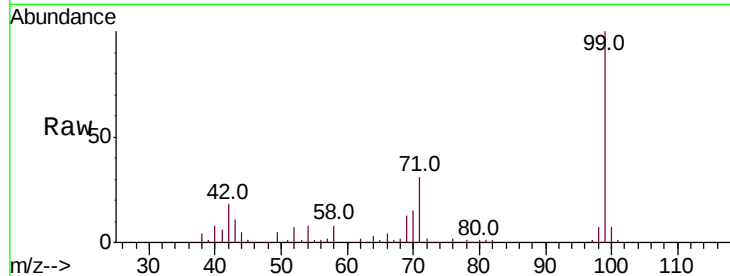
Tot Ion: 99 Resp: 457755

Ion Ratio Lower Upper

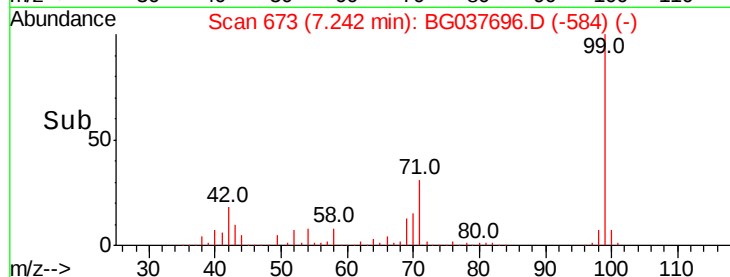
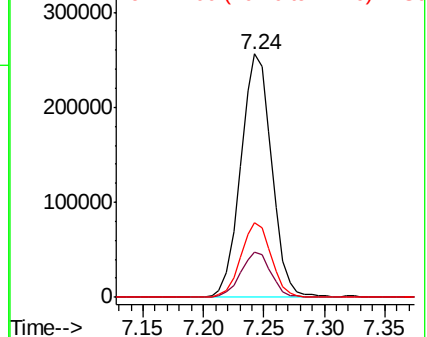
99 100

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: BG037696.D

Acq: 31 Oct 2018 22:52

Tgt Ion: 136 Resp: 229149

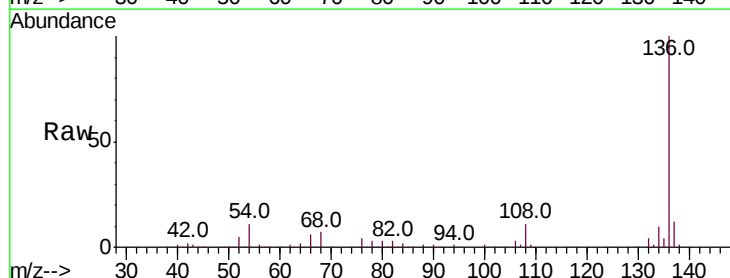
Ion Ratio Lower Upper

136 100

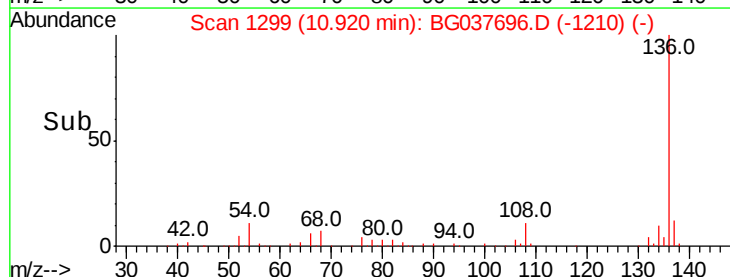
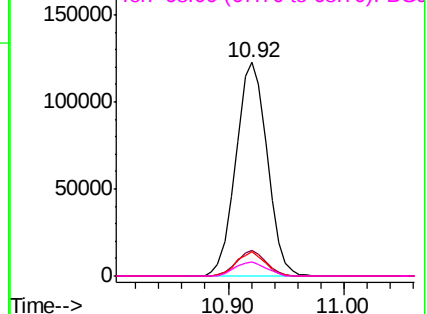
137 12.2 9.6 14.4

54 11.3 7.9 11.9

68 6.9 4.8 7.2



Abundance Ion 136.00 (135.70 to 136.70): 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

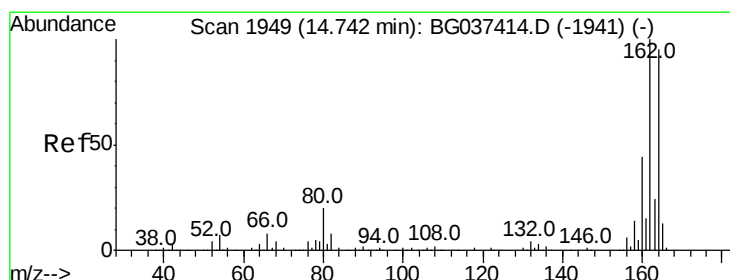
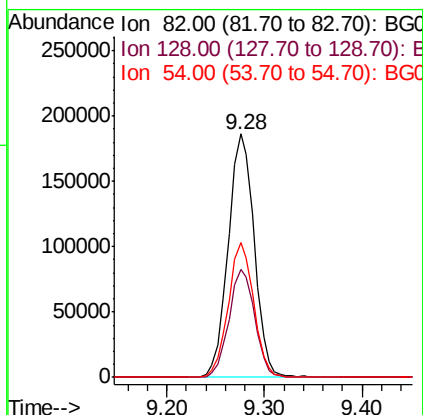
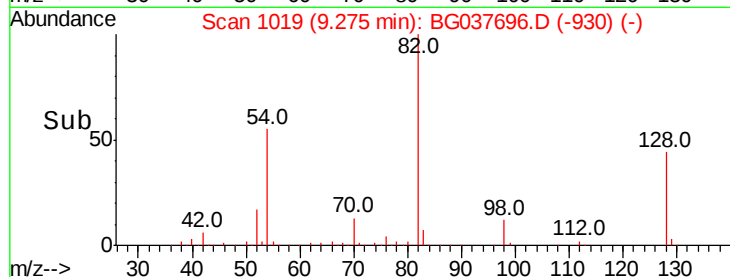
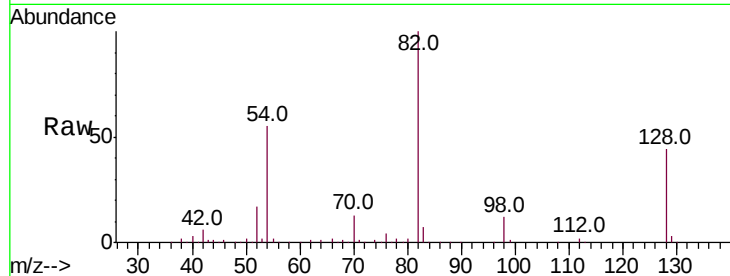




#23
Nitrobenzene-d5
Concen: 84.258 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037696.D
Acq: 31 Oct 2018 22:52

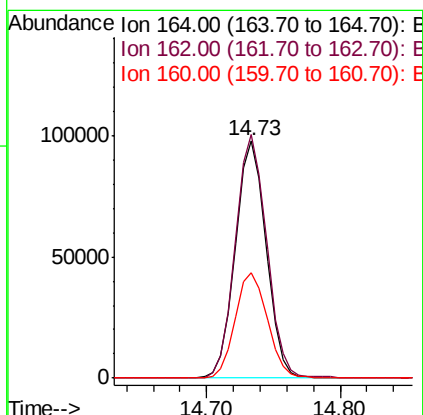
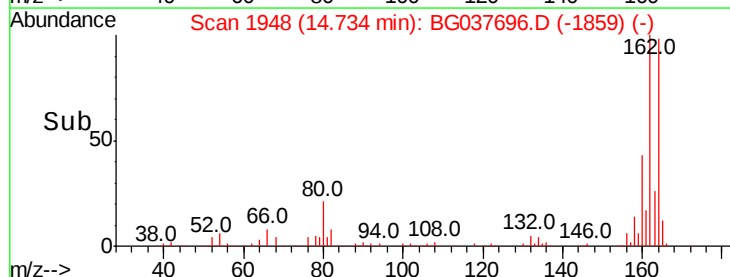
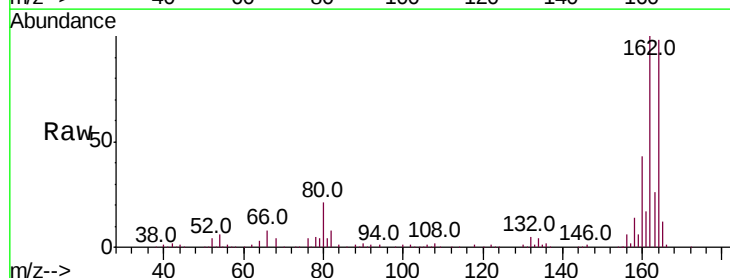
Instrument :
BNA_G
ClientSampleId :
PL-03-103018-B

Tot Ion	82	Resp	344661
Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.6	51.8
54	55.3	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: BG037696.D
Acq: 31 Oct 2018 22:52

Tgt Ion	164	Resp	156661
Ion	Ratio	Lower	Upper
164	100		
162	102.5	81.3	121.9
160	44.3	36.3	54.5

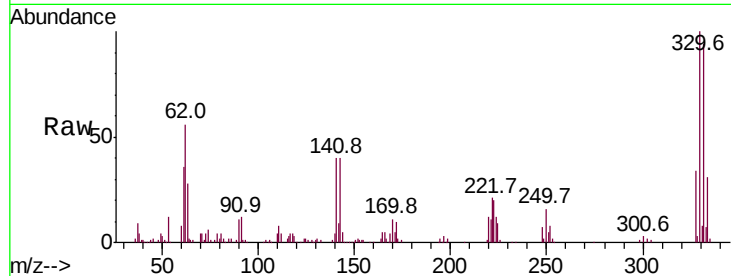




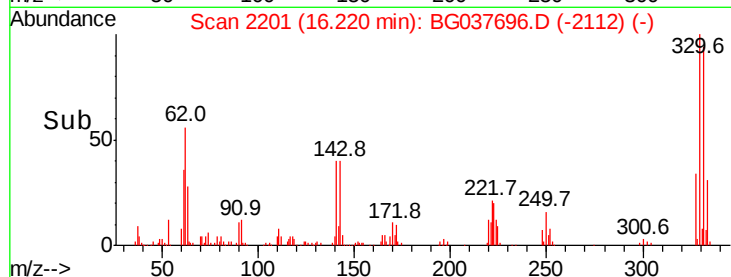
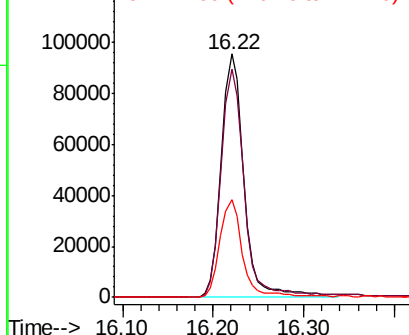
#42
 2,4,6-Tribromophenol
 Concen: 97.796 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BG037696.D
 Acq: 31 Oct 2018 22:52

Instrument :
 BNA_G
 ClientSampleId :
 PL-03-103018-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	78.4	117.6
141	40.0	32.2	48.2

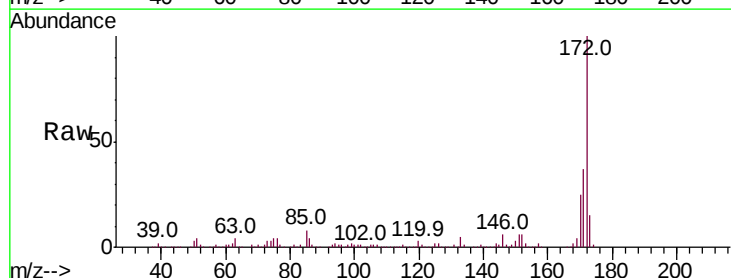


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

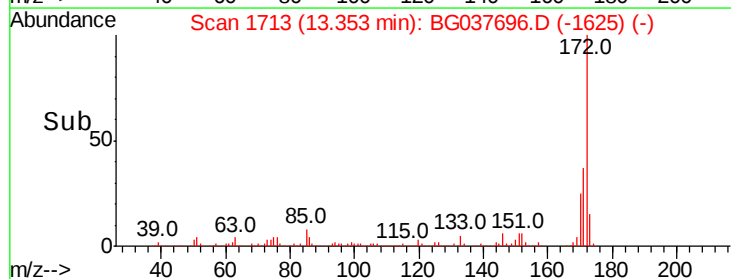
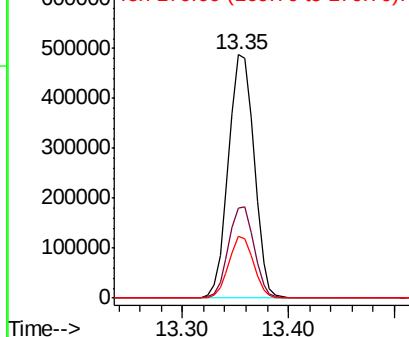


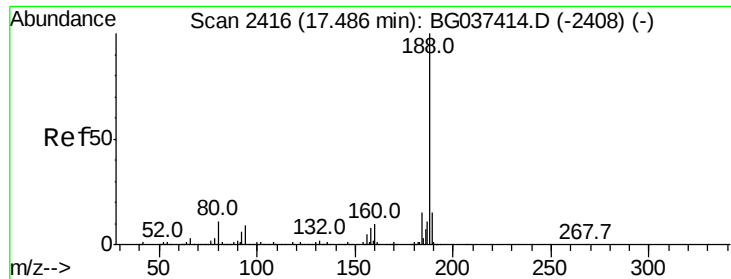
#45
 2-Fluorobiphenyl
 Concen: 79.113 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG037696.D
 Acq: 31 Oct 2018 22:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	31.0	46.4
170	25.3	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: BG037696.D

Acq: 31 Oct 2018 22:52

Instrument :

BNA_G

ClientSampleId :

PL-03-103018-B

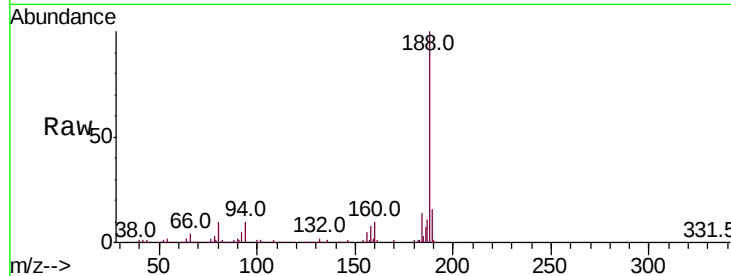
Tot Ion:188 Resp: 372375

Ion Ratio Lower Upper

188 100

94 10.0 7.2 10.8

80 9.5 7.7 11.5

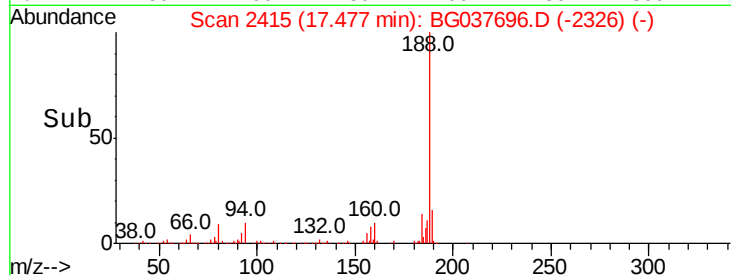


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

Time-->



250000

200000

150000

100000

50000

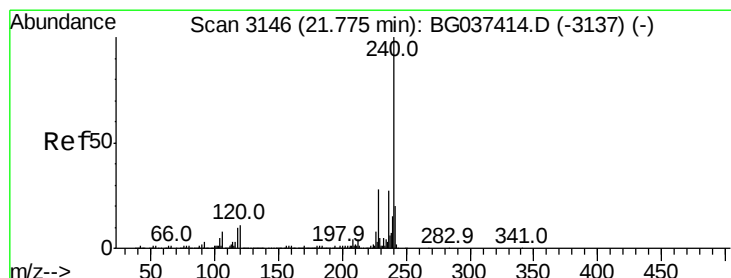
0

17.40 17.50 17.60

17.48

17.40 17.50 17.60

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG037696.D

Acq: 31 Oct 2018 22:52

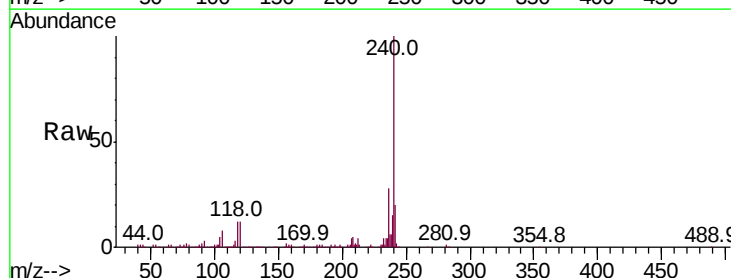
Tgt Ion:240 Resp: 337515

Ion Ratio Lower Upper

240 100

120 11.5 8.1 12.1

236 27.8 21.4 32.0

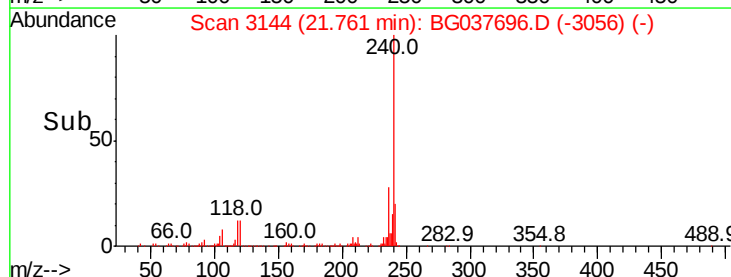


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time-->



200000

150000

100000

50000

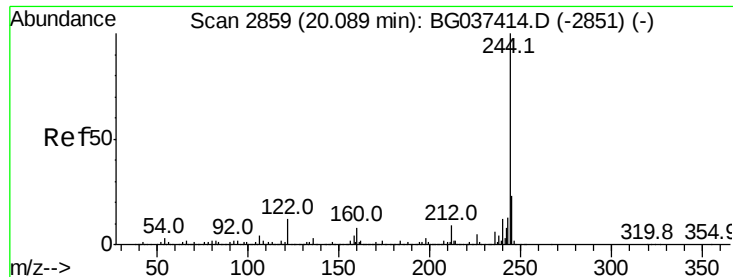
0

21.70 21.80 21.90

21.76

21.70 21.80 21.90

Time-->



#79

Terphenyl-d14

Concen: 82.286 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037696.D

Acq: 31 Oct 2018 22:52

Instrument :

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ClientSampleId :

PL-03-103018-B

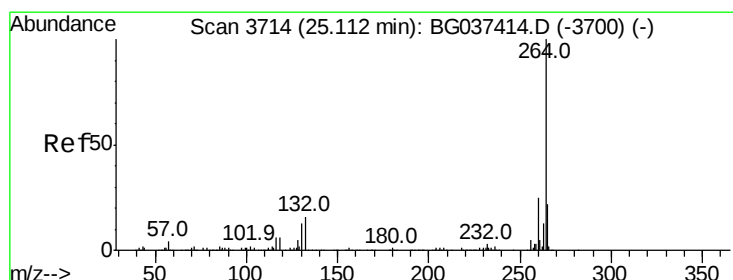
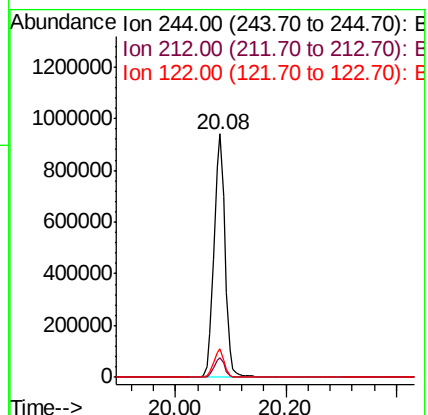
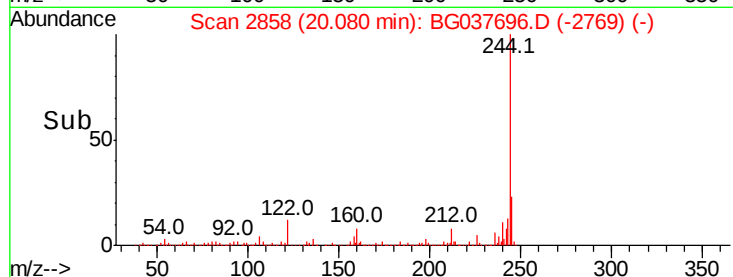
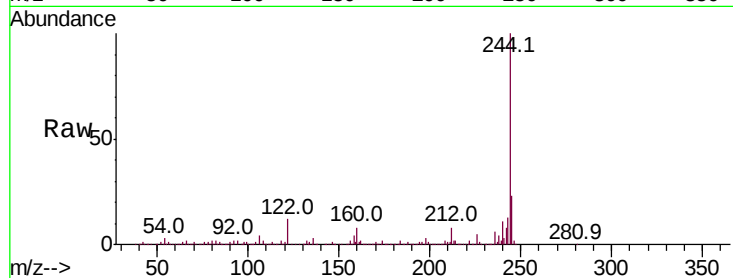
Tot Ion:244 Resp: 1299750

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

122 11.6 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: BG037696.D

Acq: 31 Oct 2018 22:52

Tgt Ion:264 Resp: 266543

Ion Ratio Lower Upper

264 100

260 21.4 18.2 27.4

265 20.7 17.9 26.9

