

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110518\
 Data File : BG037837.D
 Acq On : 6 Nov 2018 13:31
 Operator : JU/SJ
 Sample : J5750-05
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 7B

Quant Time: Nov 06 15:30:00 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

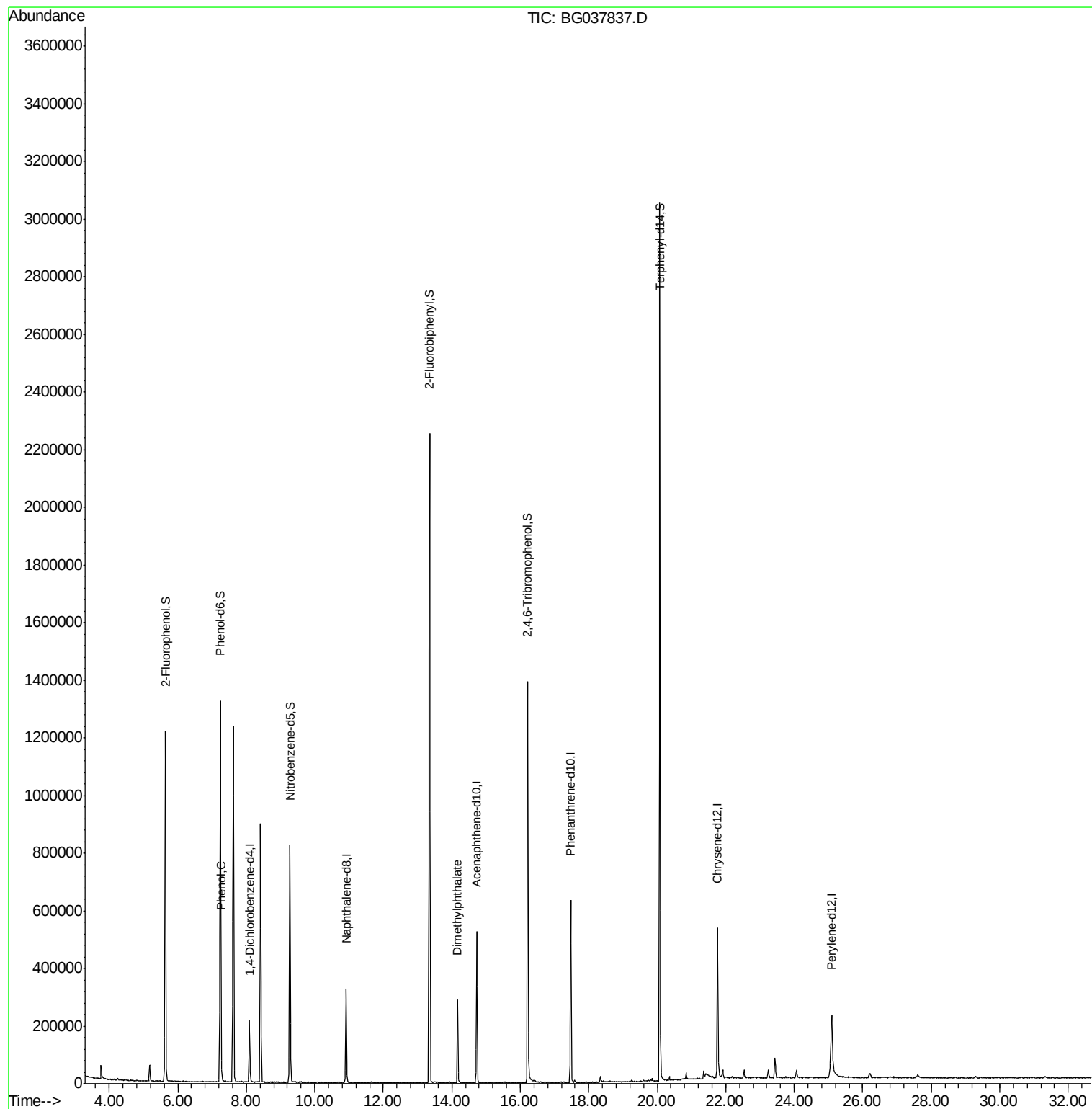
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	64410	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	297503	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	186510	20.00	ng	-0.01
64) Phenanthrene-d10	17.48	188	400040	20.00	ng	0.00
76) Chrysene-d12	21.76	240	357599	20.00	ng	-0.01
87) Perylene-d12	25.09	264	317568	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	569128	147.73	ng	0.00
7) Phenol-d6	7.24	99	855918	146.92	ng	0.00
23) Nitrobenzene-d5	9.28	82	522088	98.31	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	273373	134.39	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	1196203	96.71	ng	-0.01
79) Terphenyl-d14	20.07	244	1526433	91.21	ng	-0.01
Target Compounds						
10) Phenol	7.27	94	46443	7.556	ng	93
50) Dimethylphthalate	14.18	163	215248	14.918	ng	98

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

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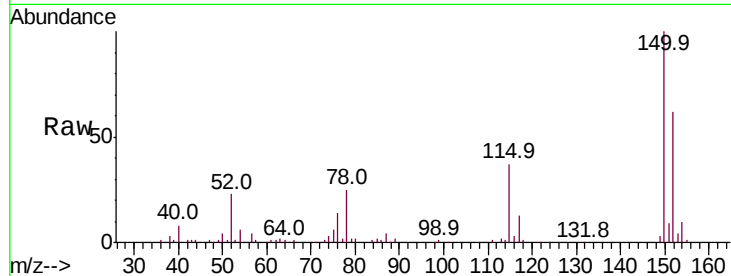


#1

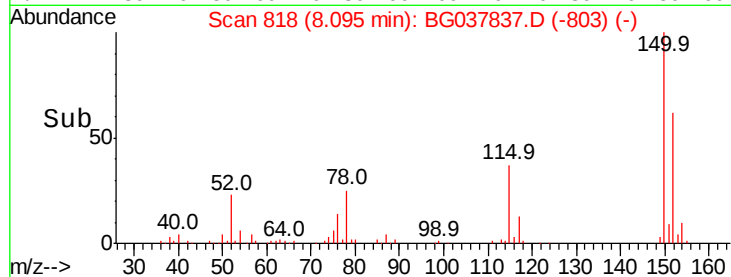
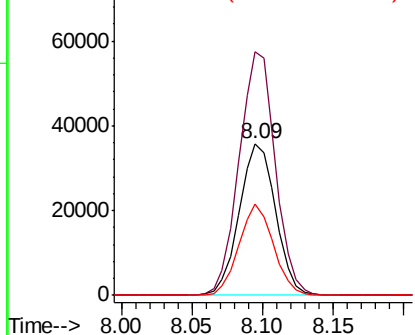
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG037837.D
Acq: 6 Nov 2018 13:31

Instrument :
BNA_G
ClientSampleId :
7B

Tot Ion:152 Resp: 64410
Ion Ratio Lower Upper
152 100
150 160.6 126.0 189.0
115 59.8 45.5 68.3



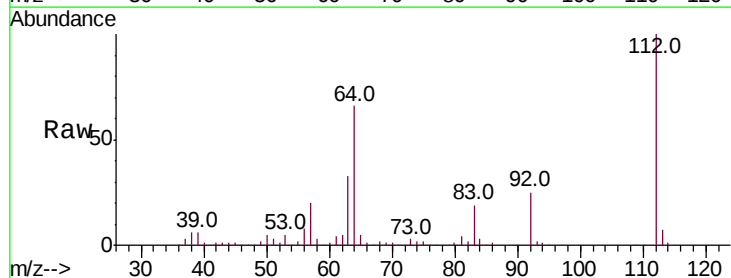
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



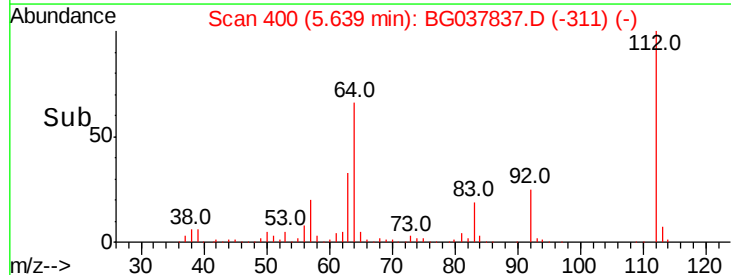
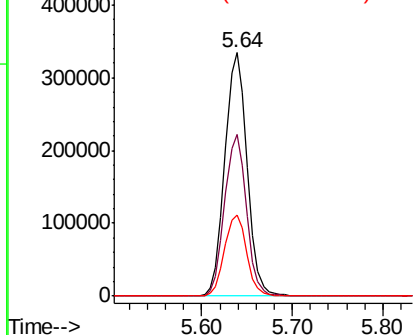
#5

2-Fluorophenol
Concen: 147.725 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037837.D
Acq: 6 Nov 2018 13:31

Tgt Ion:112 Resp: 569128
Ion Ratio Lower Upper
112 100
64 66.4 53.1 79.7
63 33.1 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: 146.923 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037837.D

Acq: 6 Nov 2018 13:31

Instrument :

BNA_G

ClientSampleId :

7B

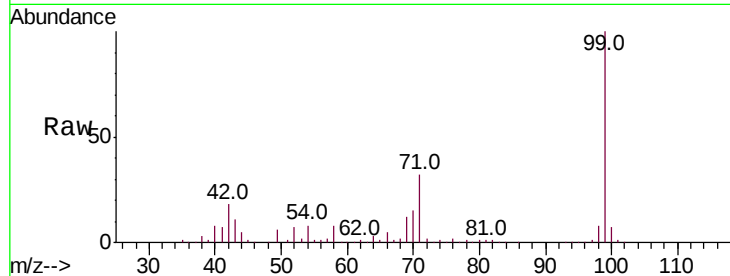
Tot Ion: 99 Resp: 855918

Ion Ratio Lower Upper

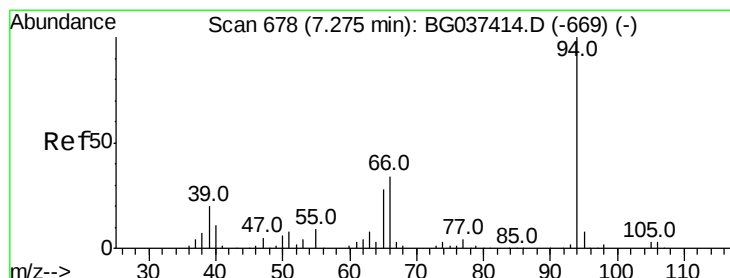
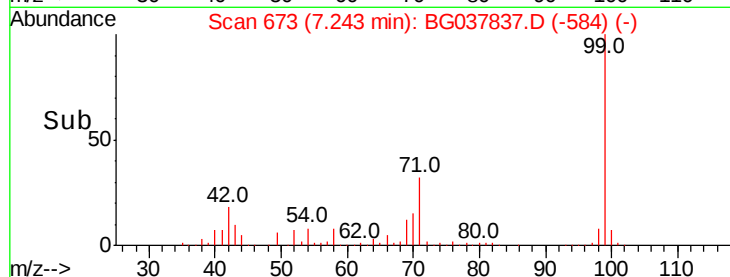
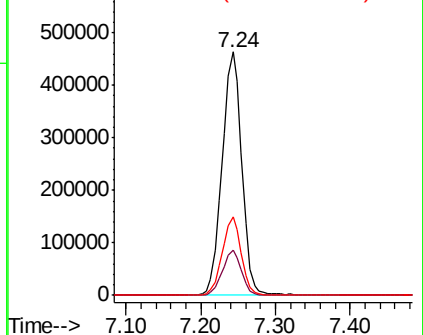
99 100

42 18.4 15.0 22.4

71 32.0 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



#10

Phenol

Concen: 7.556 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG037837.D

Acq: 6 Nov 2018 13:31

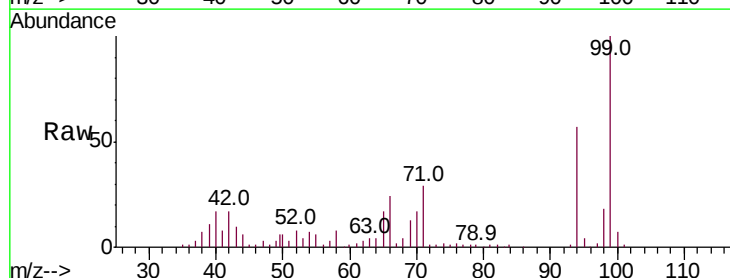
Tgt Ion: 94 Resp: 46443

Ion Ratio Lower Upper

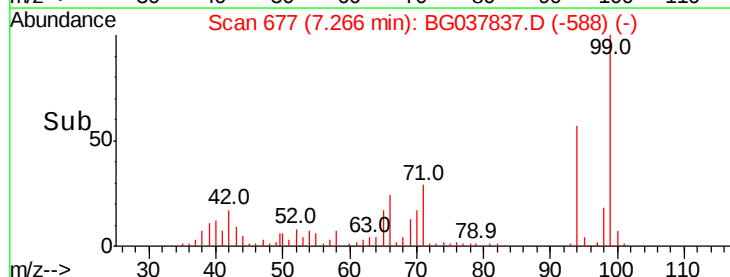
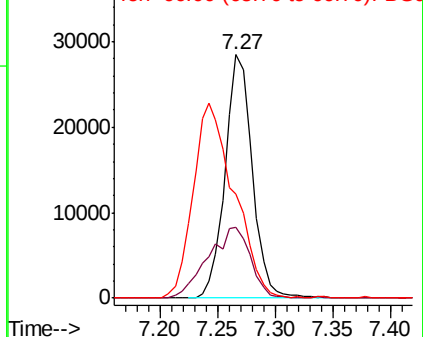
94 100

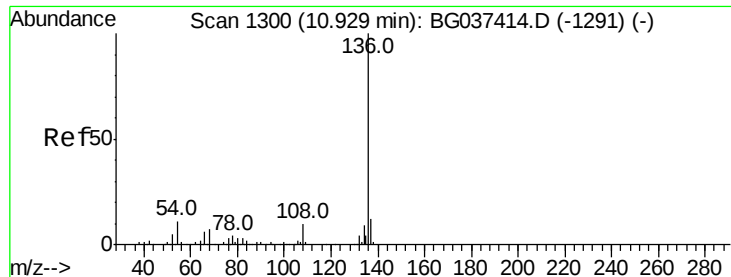
65 29.1 9.7 49.7

66 42.6 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

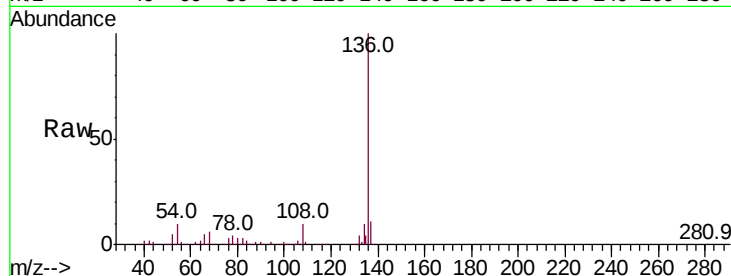




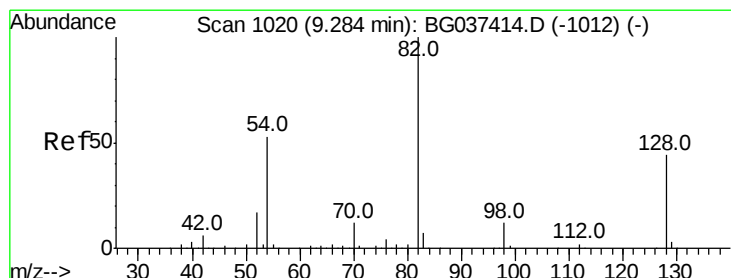
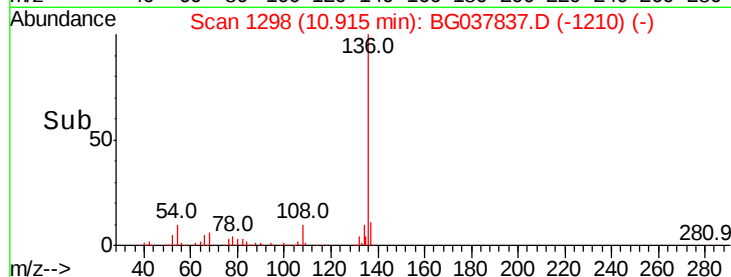
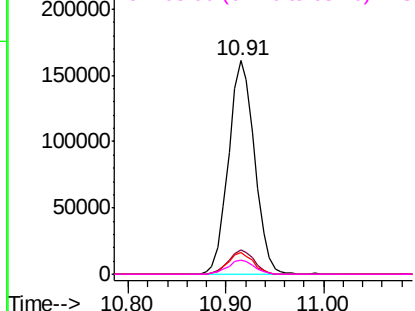
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG037837.D
Acq: 6 Nov 2018 13:31

Instrument :
BNA_G
ClientSampleId :
7B

Tot Ion:136	Resp:	297503	
Ion Ratio	Lower	Upper	
136 100			
137 11.4	9.6	14.4	
54 9.9	7.9	11.9	
68 6.5	4.8	7.2	

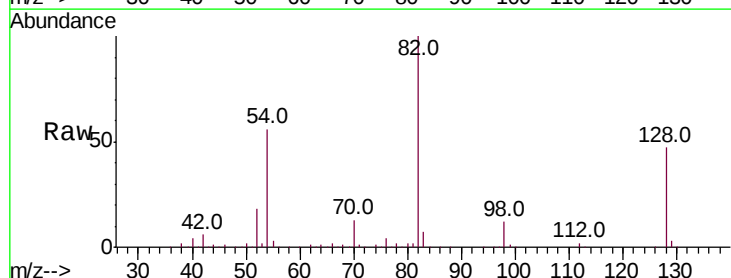


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

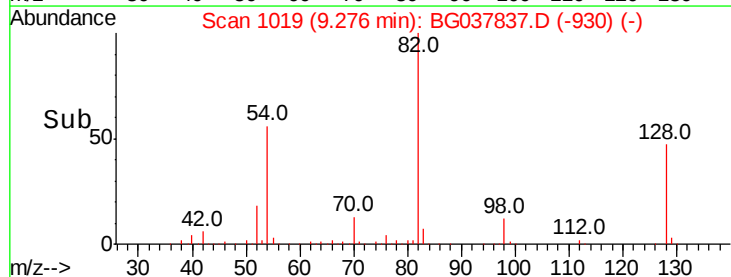
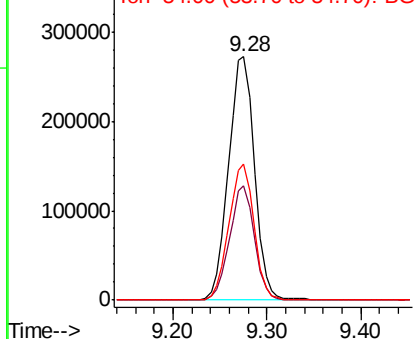


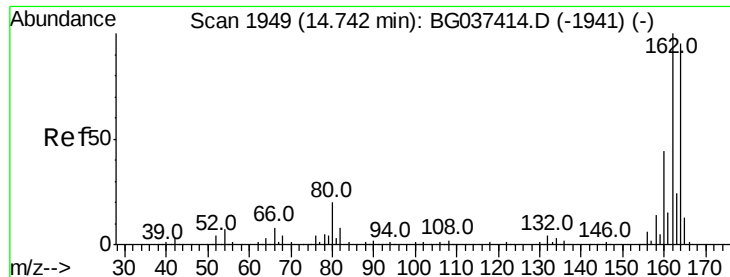
#23
Nitrobenzene-d5
Concen: 98.308 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037837.D
Acq: 6 Nov 2018 13:31

Tgt Ion: 82	Resp: 522088
Ion Ratio	Lower Upper
82 100	
128 47.1	34.6 51.8
54 55.9	45.3 67.9



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG037837.D

Acq: 6 Nov 2018 13:31

Instrument :

BNA_G

ClientSampleId :

7B

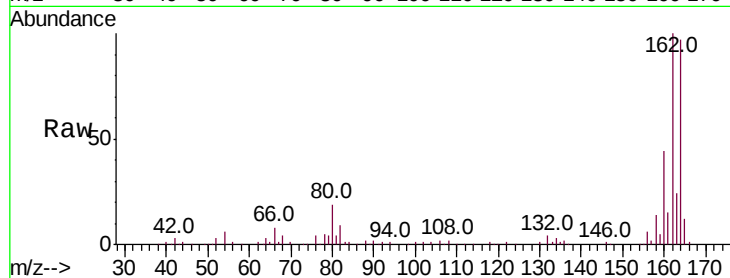
Tot Ion:164 Resp: 186510

Ion Ratio Lower Upper

164 100

162 103.6 81.3 121.9

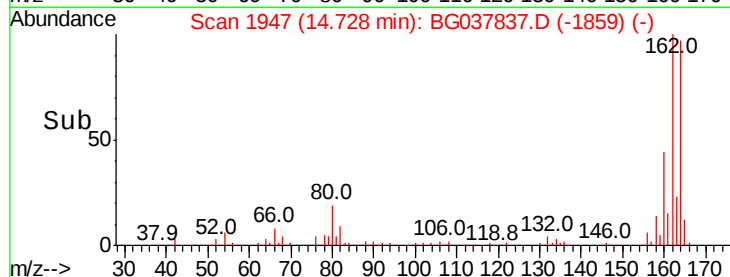
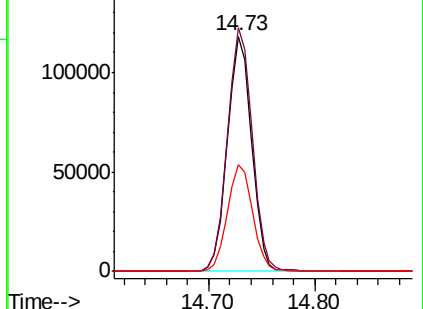
160 45.5 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 134.386 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037837.D

Acq: 6 Nov 2018 13:31

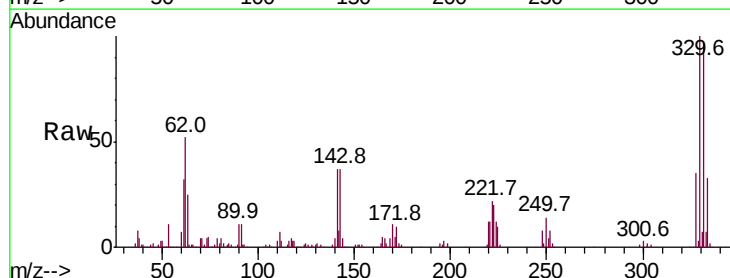
Tgt Ion:330 Resp: 273373

Ion Ratio Lower Upper

330 100

332 94.8 78.4 117.6

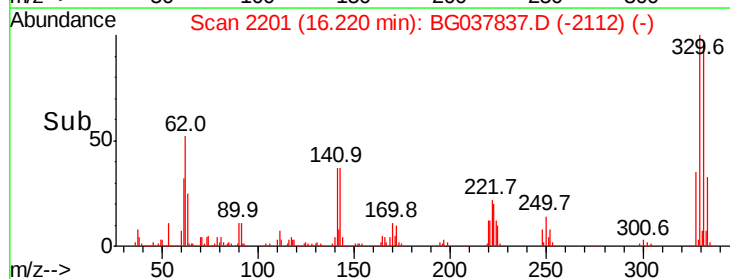
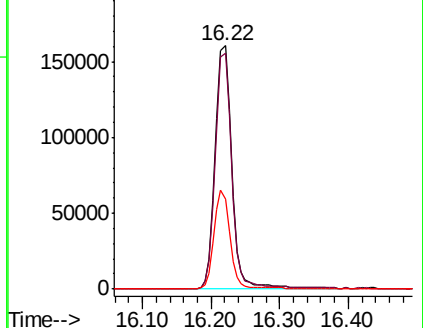
141 38.8 32.2 48.2



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

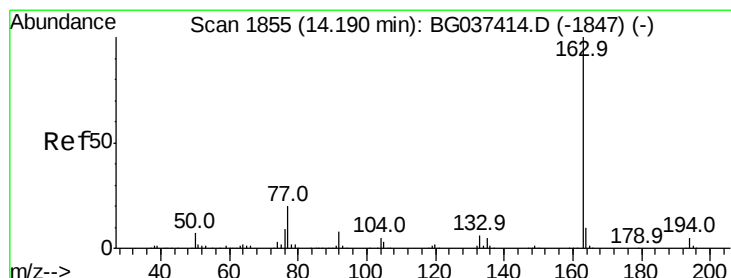
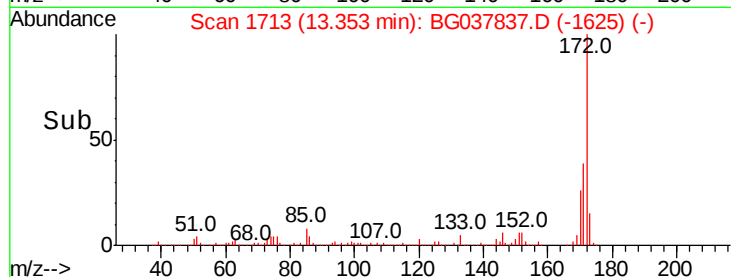
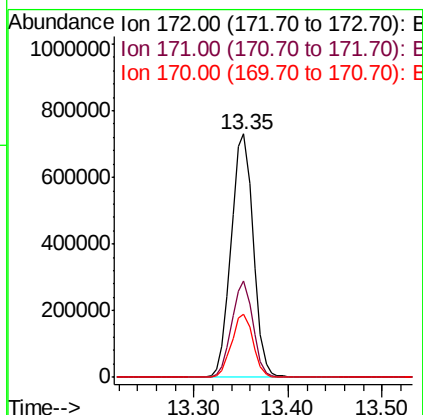
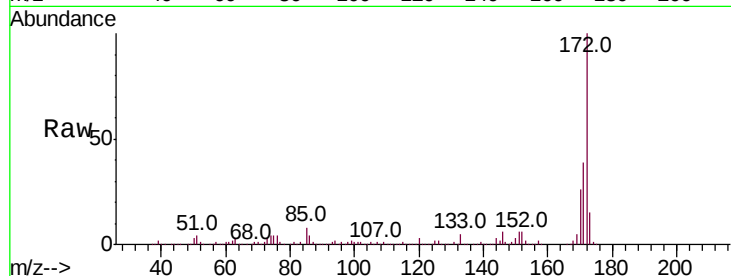




#45
2-Fluorobiphenyl
Concen: 96.714 ng
RT: 13.35 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BG037837.D
Acq: 6 Nov 2018 13:31

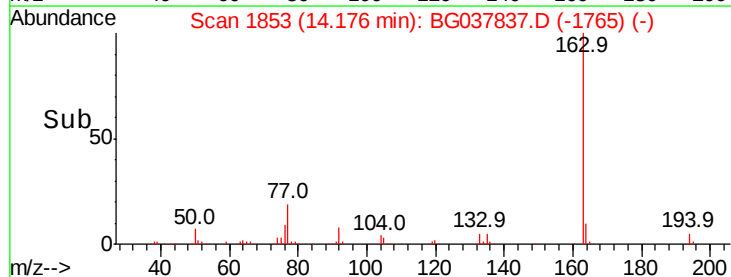
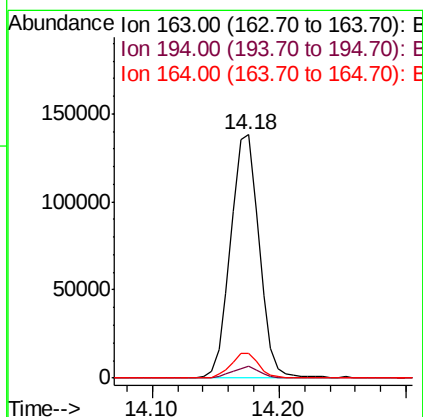
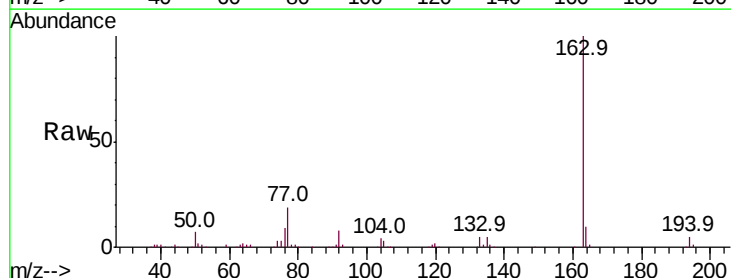
Instrument :
BNA_G
ClientSampleId :
7B

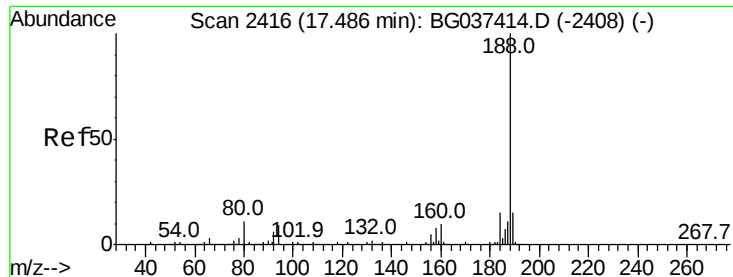
Tot Ion:172 Resp: 1196203
Ion Ratio Lower Upper
172 100
171 39.4 31.0 46.4
170 25.9 20.2 30.2



#50
Dimethylphthalate
Concen: 14.918 ng
RT: 14.18 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BG037837.D
Acq: 6 Nov 2018 13:31

Tgt Ion:163 Resp: 215248
Ion Ratio Lower Upper
163 100
194 5.0 3.5 5.3
164 10.0 8.5 12.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BG037837.D

Acq: 6 Nov 2018 13:31

Instrument :

BNA_G

ClientSampleId :

7B

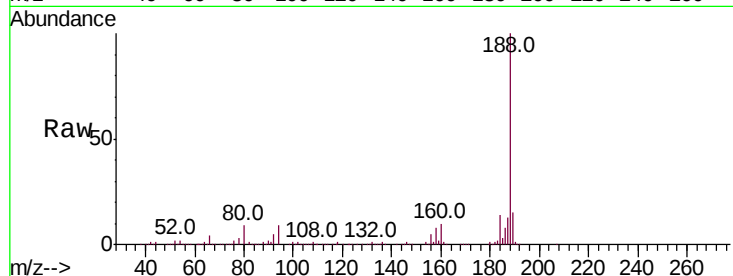
Tot Ion:188 Resp: 400040

Ion Ratio Lower Upper

188 100

94 8.8 7.2 10.8

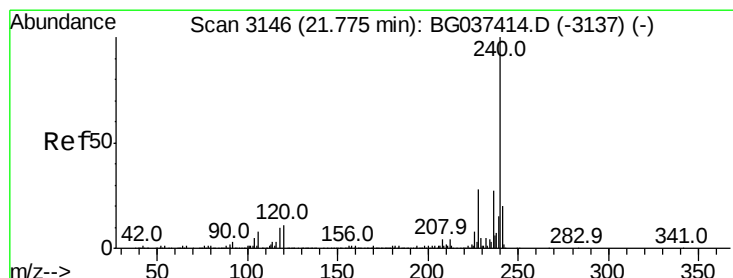
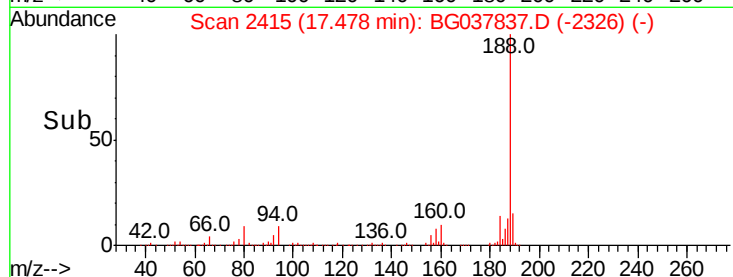
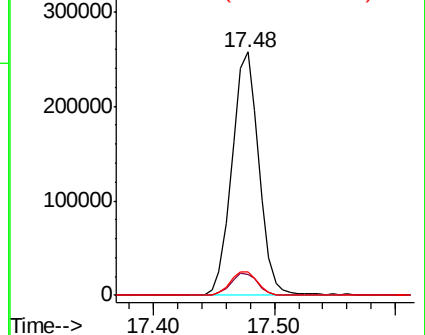
80 9.4 7.7 11.5



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: BG037837.D

Acq: 6 Nov 2018 13:31

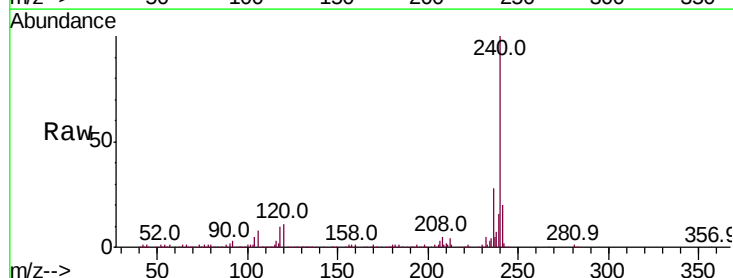
Tgt Ion:240 Resp: 357599

Ion Ratio Lower Upper

240 100

120 11.3 8.1 12.1

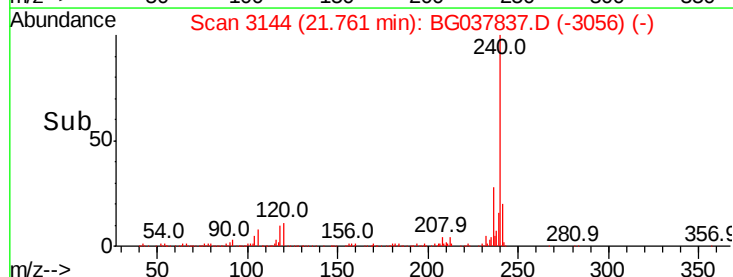
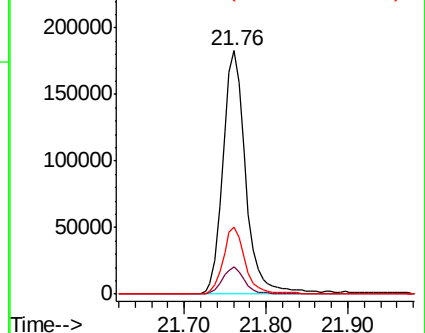
236 27.5 21.4 32.0

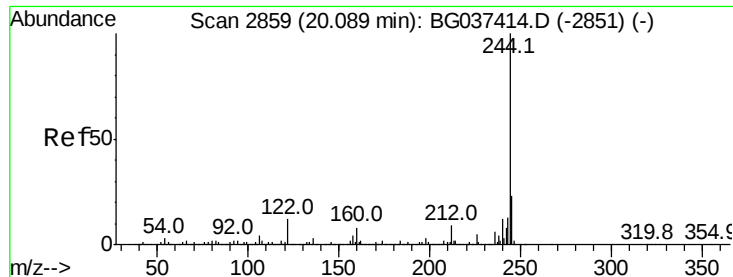


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 91.209 ng

RT: 20.07 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG037837.D

Acq: 6 Nov 2018 13:31

Instrument :

BNA_G

ClientSampled :

7B

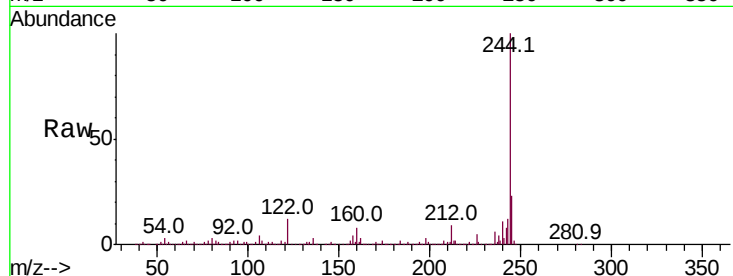
Tot Ion:244 Resp: 1526433

Ion Ratio Lower Upper

244 100

212 8.6 6.5 9.7

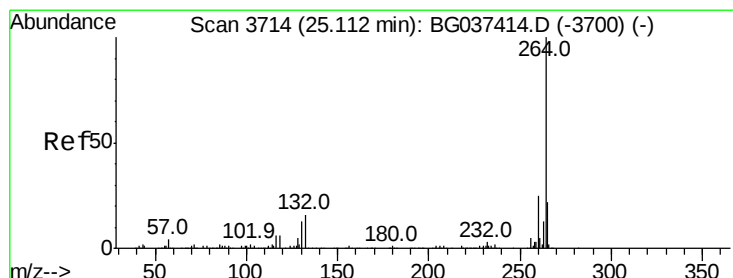
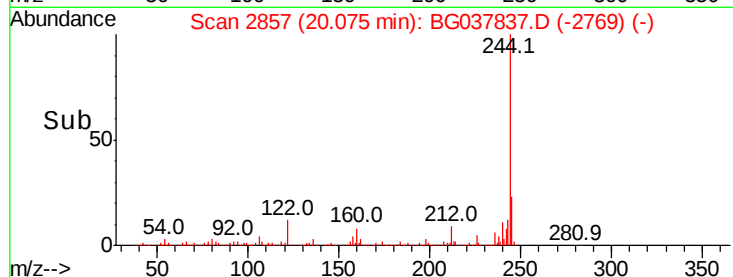
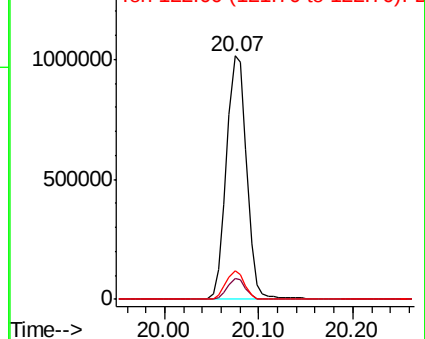
122 11.9 9.0 13.4



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: 25.09 min Scan# 3711

Delta R.T. -0.02 min

Lab File: BG037837.D

Acq: 6 Nov 2018 13:31

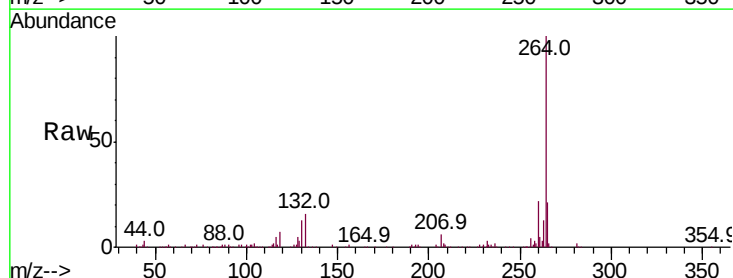
Tgt Ion:264 Resp: 317568

Ion Ratio Lower Upper

264 100

260 21.9 18.2 27.4

265 21.0 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

