

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101118\
 Data File : BG037267.D
 Acq On : 11 Oct 2018 21:17
 Operator : JU/SJ
 Sample : J5366-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RBR200035

Quant Time: Oct 12 07:10:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 13:59:58 2018
 Response via : Initial Calibration

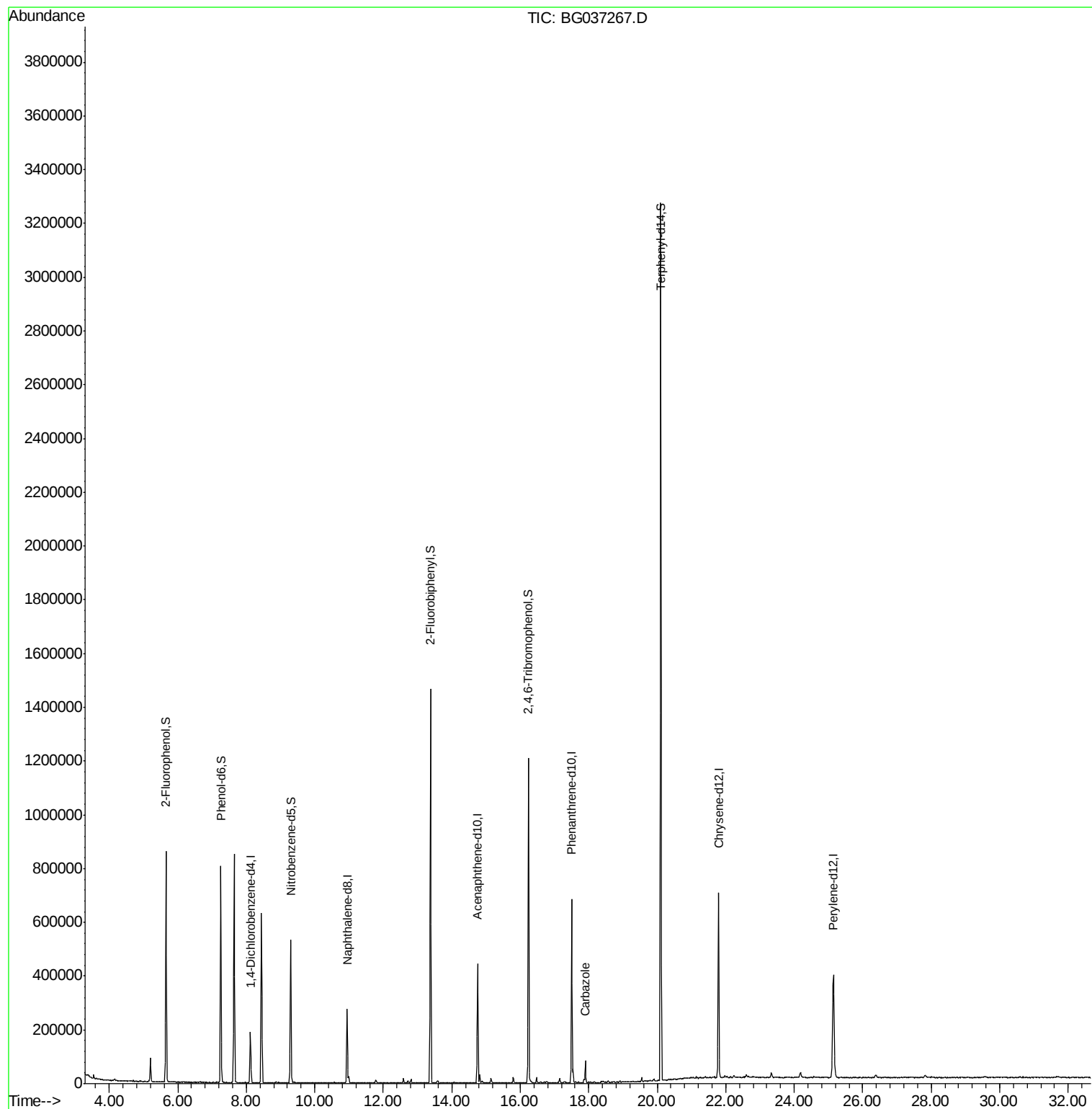
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	56439	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	243404	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	163038	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	422585	20.00	ng	0.00
76) Chrysene-d12	21.79	240	432278	20.00	ng	0.00
87) Perylene-d12	25.14	264	431448	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	379696	118.40	ng	0.00
7) Phenol-d6	7.26	99	502665	103.27	ng	0.00
23) Nitrobenzene-d5	9.30	82	321874	86.94	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	214060	133.88	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	807810	74.41	ng	0.00
79) Terphenyl-d14	20.10	244	1522202	73.94	ng	0.00
Target Compounds						
73) Carbazole	17.90	167	55138	2.542	ng	Qvalue 97

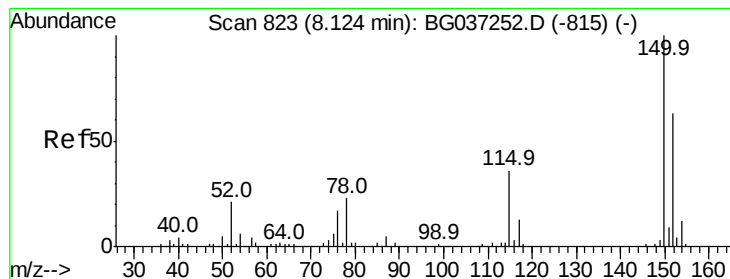
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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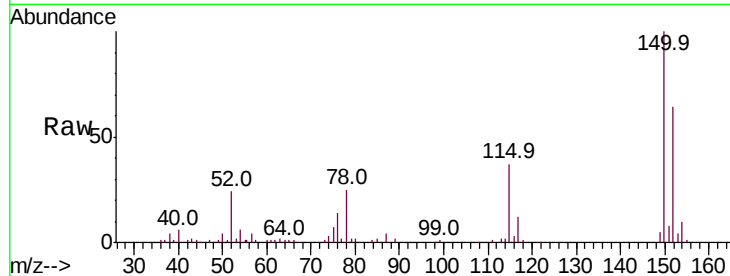


#1

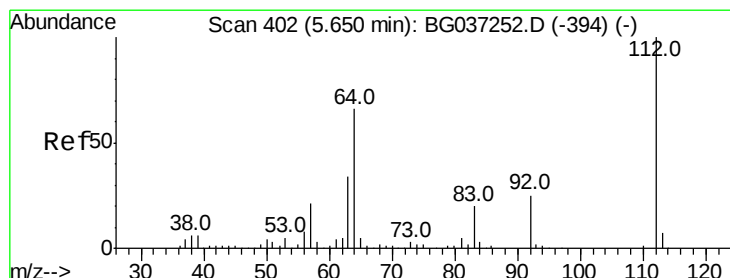
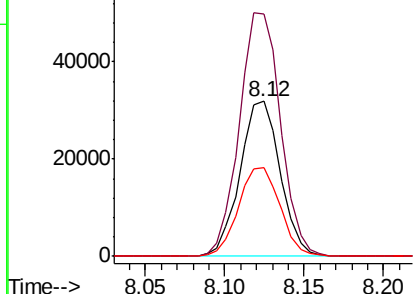
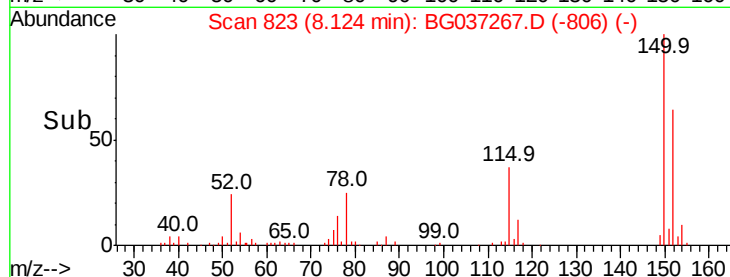
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 823
Delta R.T. 0.00 min
Lab File: BG037267.D
Acq: 11 Oct 2018 21:17

Instrument :
BNA_G
ClientSampleId :
RBR200035

Tot Ion:152 Resp: 56439
Ion Ratio Lower Upper
152 100
150 156.0 126.0 189.0
115 57.6 45.5 68.3



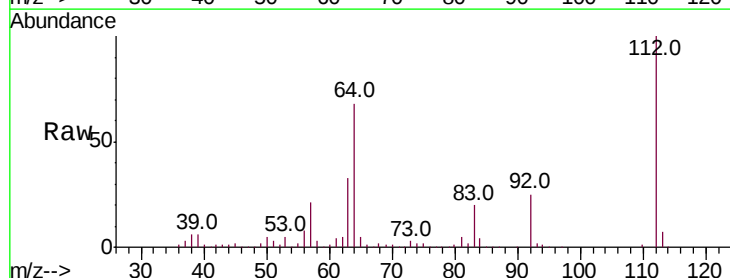
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



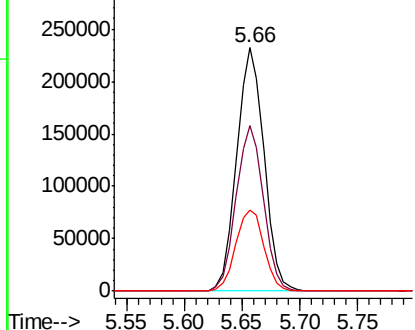
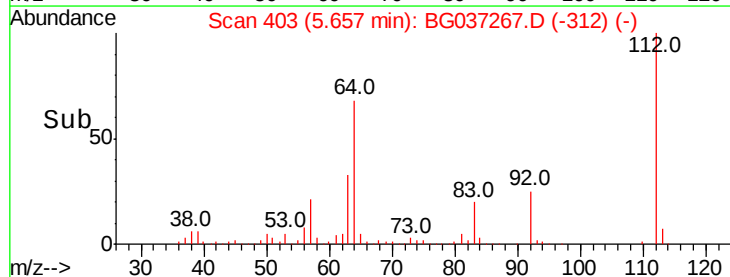
#5

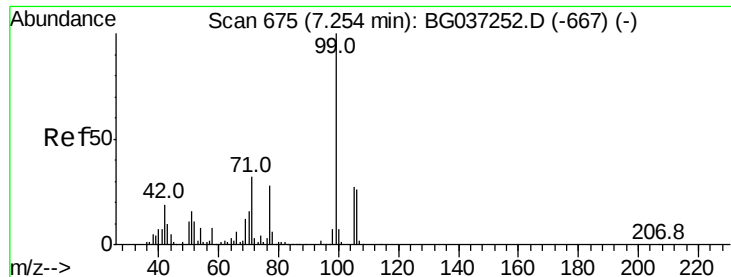
2-Fluorophenol
Concen: 118.398 ng
RT: 5.66 min Scan# 403
Delta R.T. 0.01 min
Lab File: BG037267.D
Acq: 11 Oct 2018 21:17

Tgt Ion:112 Resp: 379696
Ion Ratio Lower Upper
112 100
64 67.9 53.1 79.7
63 33.5 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: 103.267 ng

RT: 7.26 min Scan# 676

Delta R.T. 0.01 min

Lab File: BG037267.D

Acq: 11 Oct 2018 21:17

Instrument :

BNA_G

ClientSampleId :

RBR200035

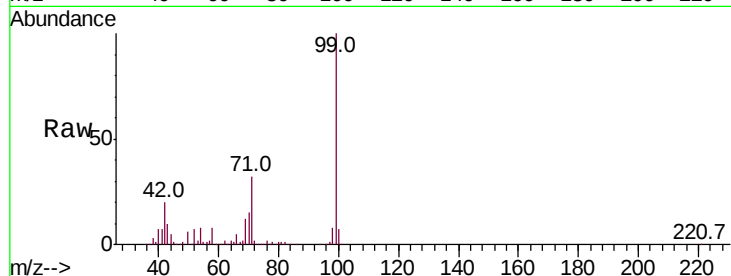
Tot Ion: 99 Resp: 502665

Ion Ratio Lower Upper

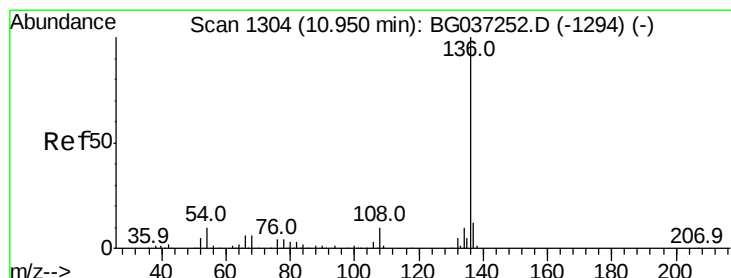
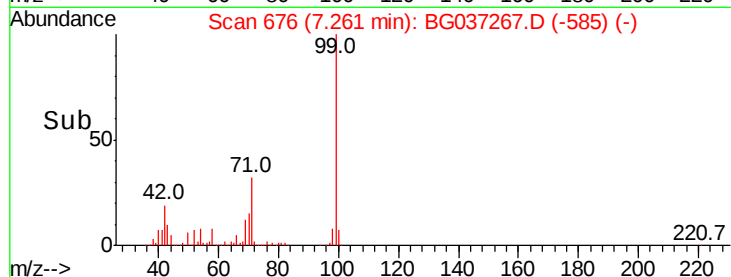
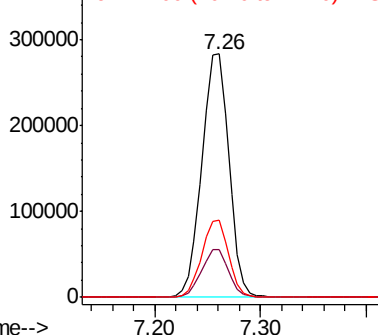
99 100

42 19.6 15.0 22.4

71 31.5 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: 10.94 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BG037267.D

Acq: 11 Oct 2018 21:17

Tgt Ion: 136 Resp: 243404

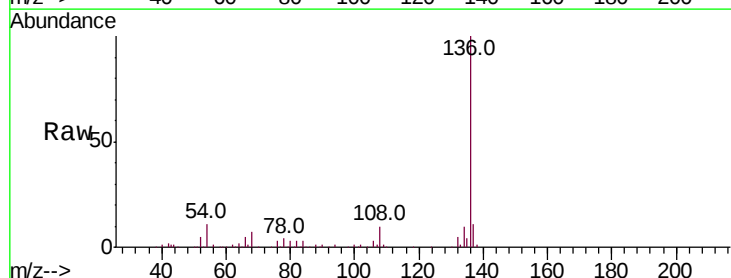
Ion Ratio Lower Upper

136 100

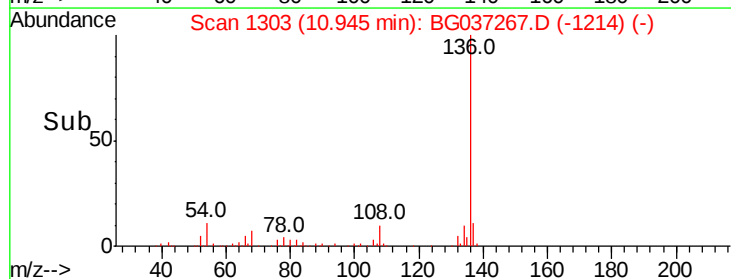
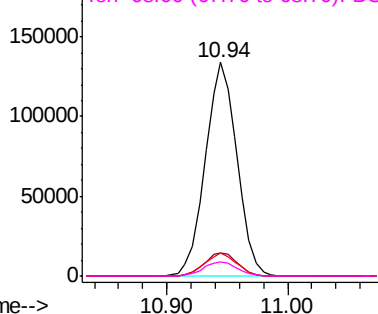
137 10.9 9.6 14.4

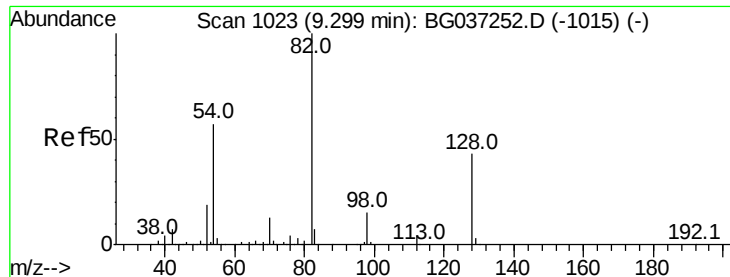
54 10.6 7.9 11.9

68 6.6 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

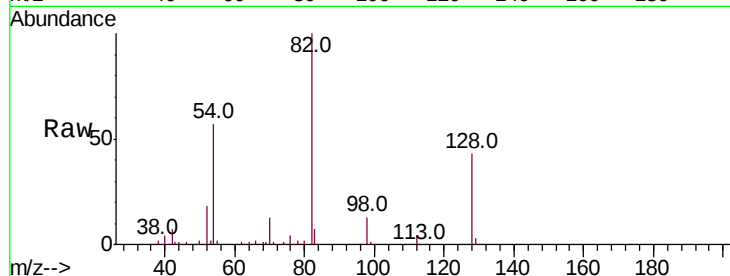




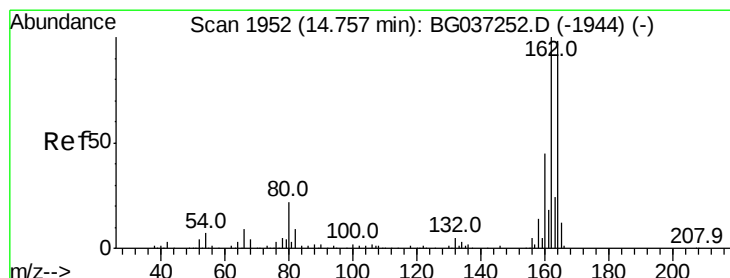
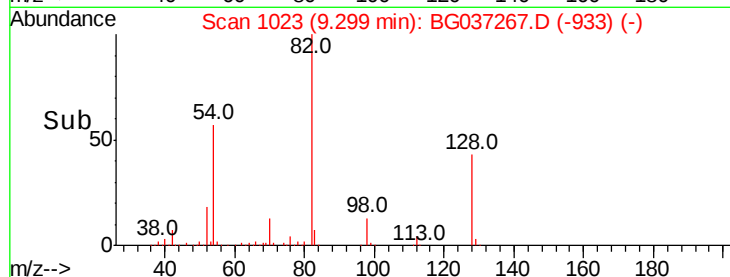
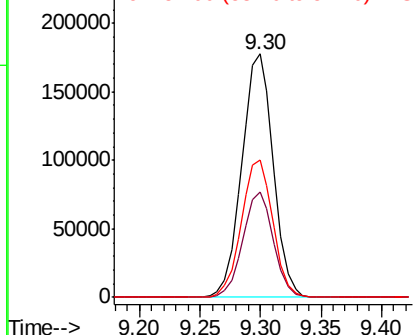
#23
Nitrobenzene-d5
Concen: 86.940 ng
RT: 9.30 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BG037267.D
Acq: 11 Oct 2018 21:17

Instrument :
BNA_G
ClientSampleId :
RBR200035

Tot Ion: 82 Resp: 321874
Ion Ratio Lower Upper
82 100
128 43.1 34.6 51.8
54 56.6 45.3 67.9

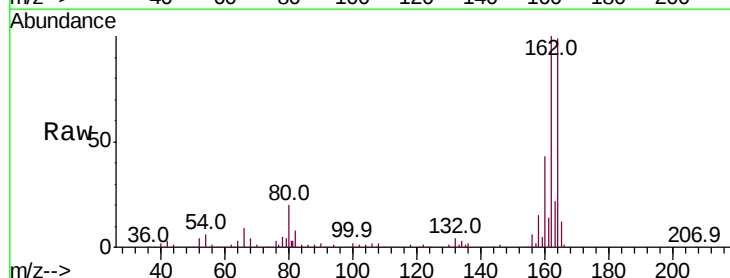


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

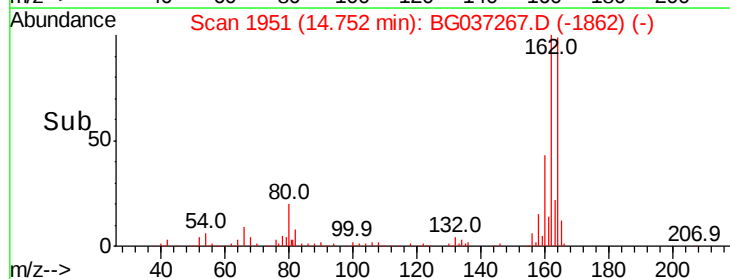
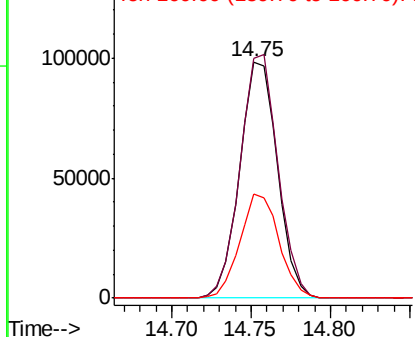


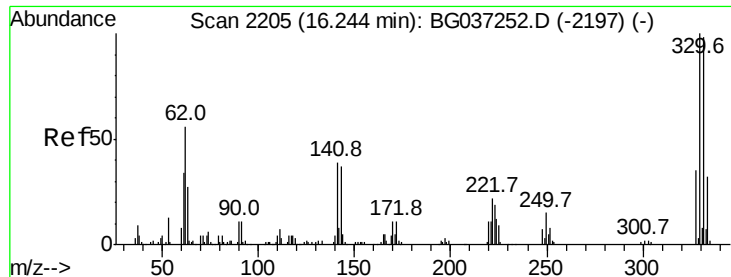
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BG037267.D
Acq: 11 Oct 2018 21:17

Tgt Ion: 164 Resp: 163038
Ion Ratio Lower Upper
164 100
162 101.4 81.3 121.9
160 44.0 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

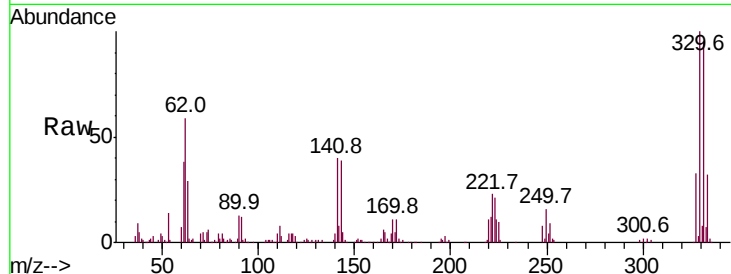




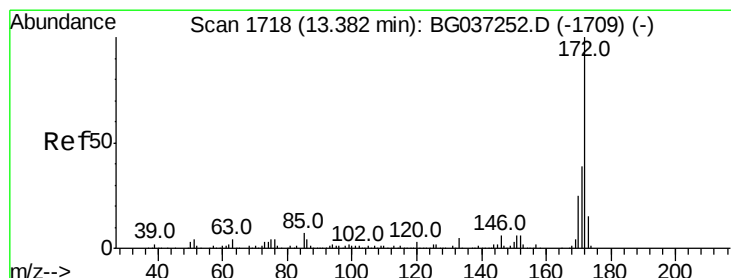
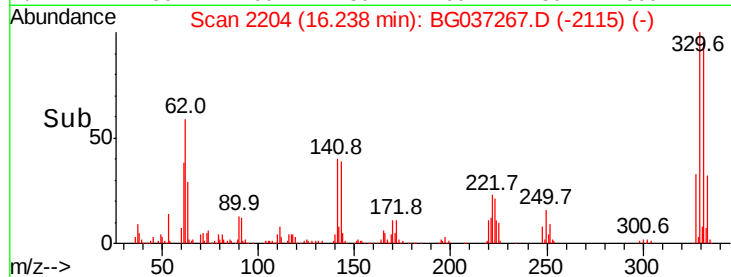
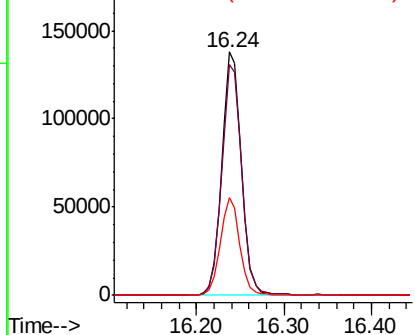
#42
 2,4,6-Tribromophenol
 Concen: 133.876 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.01 min
 Lab File: BG037267.D
 Acq: 11 Oct 2018 21:17

Instrument :
 BNA_G
 ClientSampleId :
 RBR200035

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	78.4	117.6
141	39.3	32.2	48.2

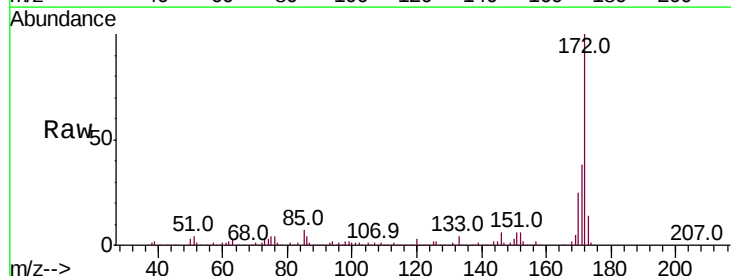


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

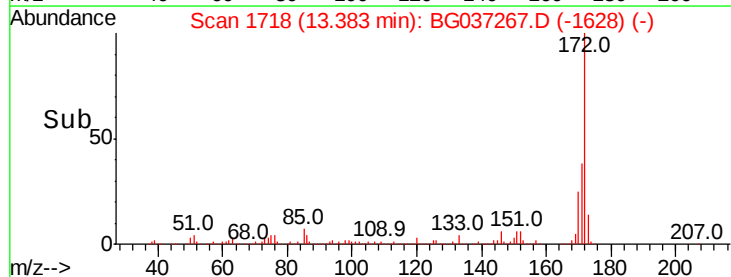
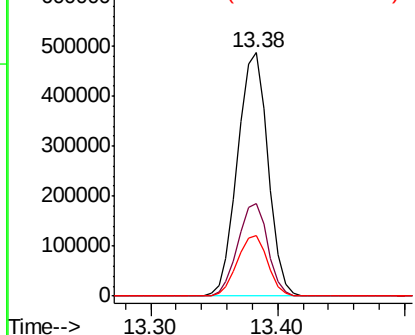


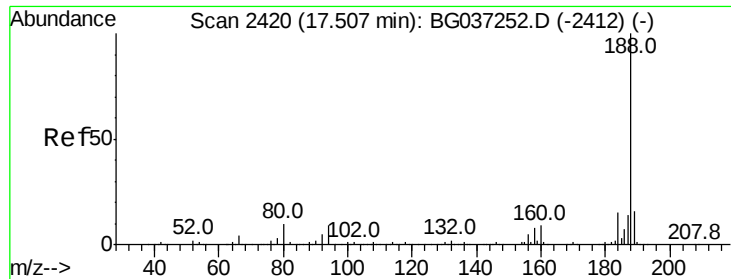
#45
 2-Fluorobiphenyl
 Concen: 74.408 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. 0.00 min
 Lab File: BG037267.D
 Acq: 11 Oct 2018 21:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.0	46.4
170	24.8	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: 17.50 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BG037267.D

Acq: 11 Oct 2018 21:17

Instrument :

BNA_G

ClientSampleId :

RBR200035

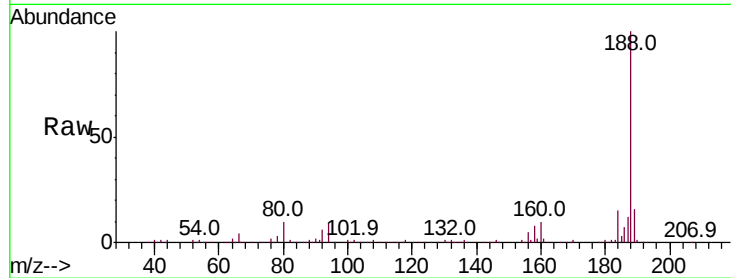
Tot Ion:188 Resp: 422585

Ion Ratio Lower Upper

188 100

94 9.1 7.2 10.8

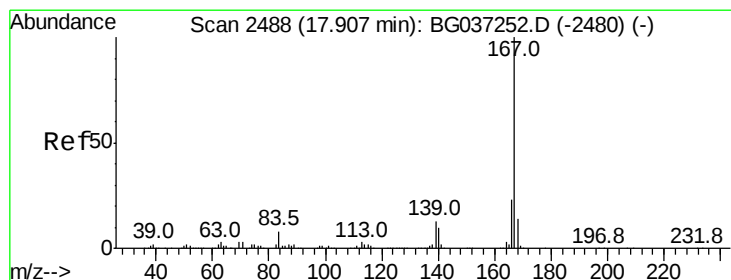
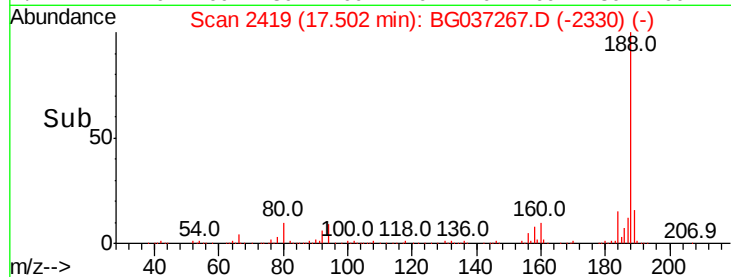
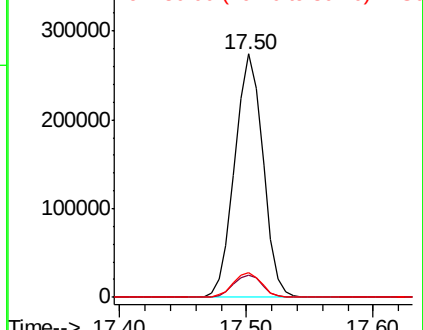
80 10.1 7.7 11.5



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



#73

Carbazole

Concen: 2.542 ng

RT: 17.90 min Scan# 2487

Delta R.T. -0.01 min

Lab File: BG037267.D

Acq: 11 Oct 2018 21:17

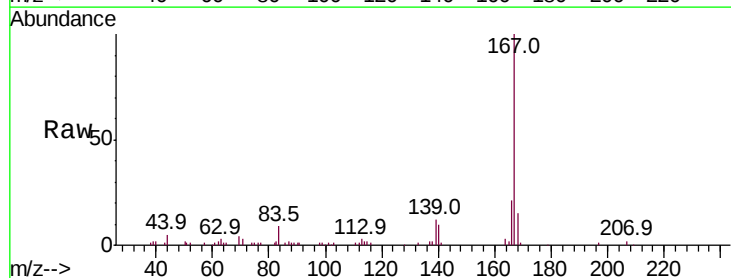
Tgt Ion:167 Resp: 55138

Ion Ratio Lower Upper

167 100

166 21.3 18.3 27.5

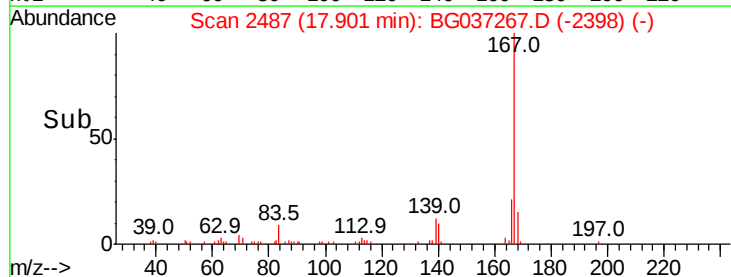
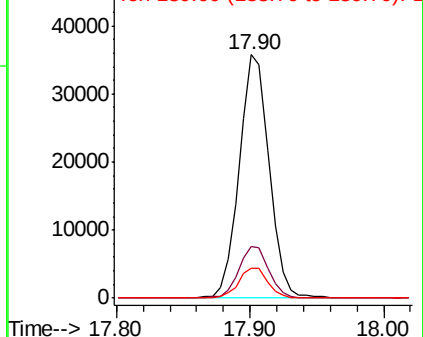
139 12.1 10.5 15.7

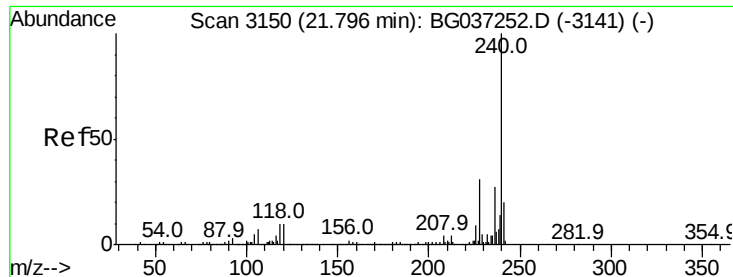


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.79 min Scan# 3149

Delta R.T. -0.01 min

Lab File: BG037267.D

Acq: 11 Oct 2018 21:17

Instrument :

BNA_G

ClientSampleId :

RBR200035

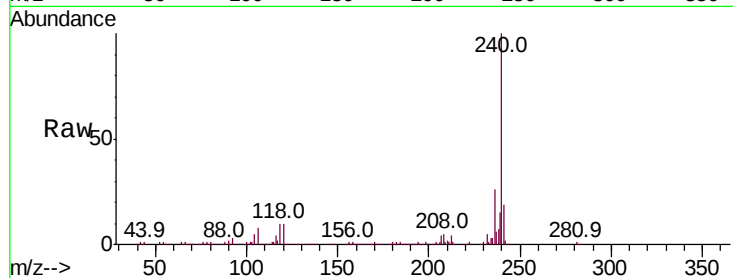
Tot Ion:240 Resp: 432278

Ion Ratio Lower Upper

240 100

120 10.3 8.1 12.1

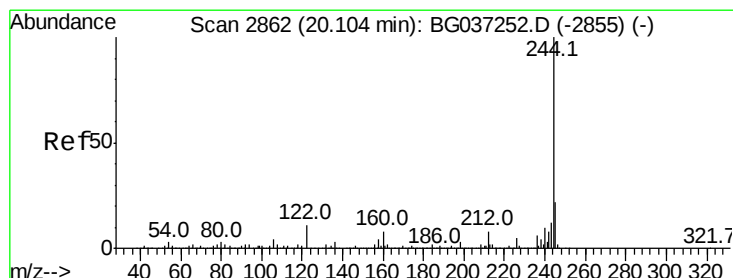
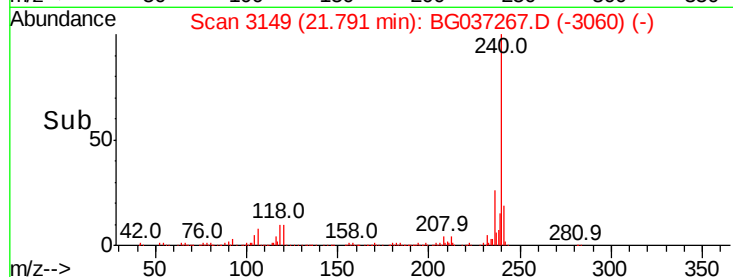
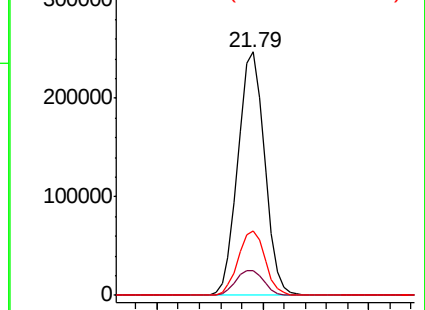
236 26.2 21.4 32.0



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: 73.940 ng

RT: 20.10 min Scan# 2862

Delta R.T. 0.00 min

Lab File: BG037267.D

Acq: 11 Oct 2018 21:17

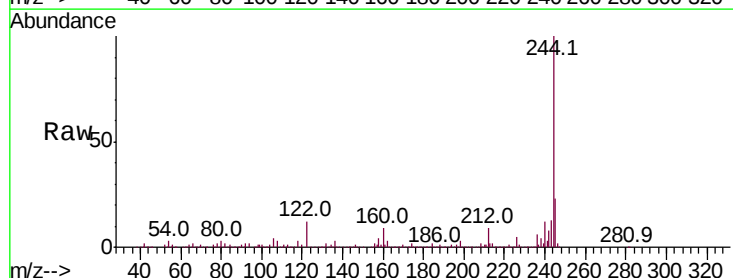
Tgt Ion:244 Resp: 1522202

Ion Ratio Lower Upper

244 100

212 8.6 6.5 9.7

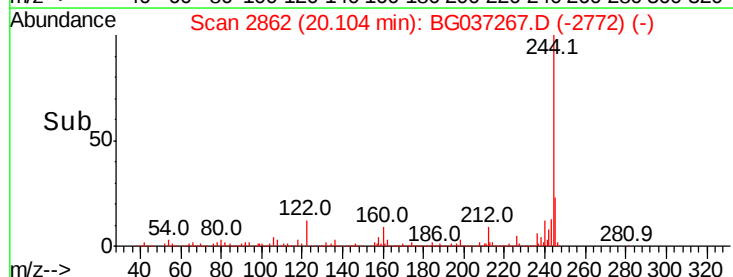
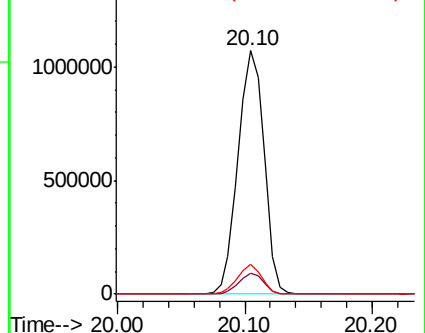
122 12.1 9.0 13.4

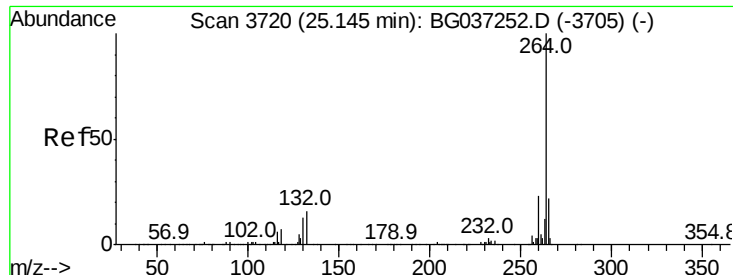


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

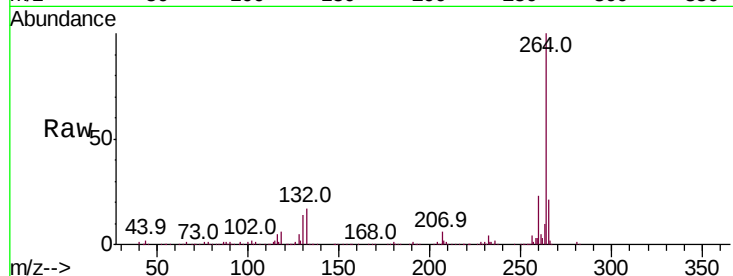




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.14 min Scan# 3719
Delta R.T. -0.01 min
Lab File: BG037267.D
Acq: 11 Oct 2018 21:17

Instrument :
BNA_G
ClientSampleId :
RBR200035

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	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

