

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041018\
 Data File : BG033734.D
 Acq On : 11 Apr 2018 5:39
 Operator : SJ/JU
 Sample : J2302-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RT4235-RT3407

Quant Time: Apr 11 07:09:30 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 16:51:36 2018
 Response via : Initial Calibration

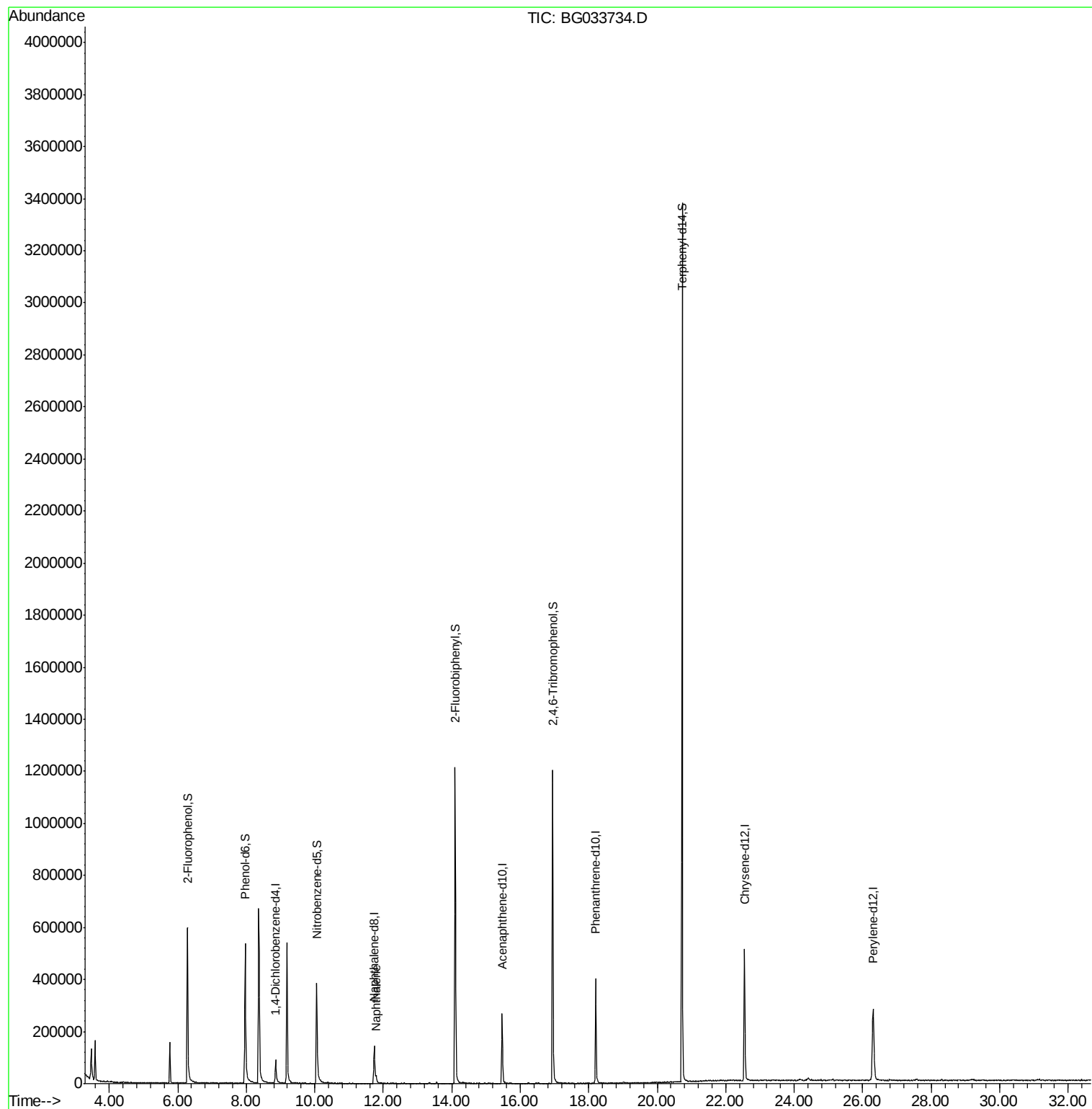
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	33451	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	138800	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	98434	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	297261	20.00	ng	0.00
75) Chrysene-d12	22.55	240	356711	20.00	ng	0.00
86) Perylene-d12	26.30	264	384567	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	289063	162.04	ng	0.00
7) Phenol-d6	7.97	99	372663	121.58	ng	0.00
23) Nitrobenzene-d5	10.05	82	313968	103.93	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	241534	164.06	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	693360	101.69	ng	0.00
78) Terphenyl-d14	20.73	244	1697745	101.79	ng	0.00
Target Compounds						
31) Naphthalene	11.79	128	22874	3.180	ng	Qvalue 95

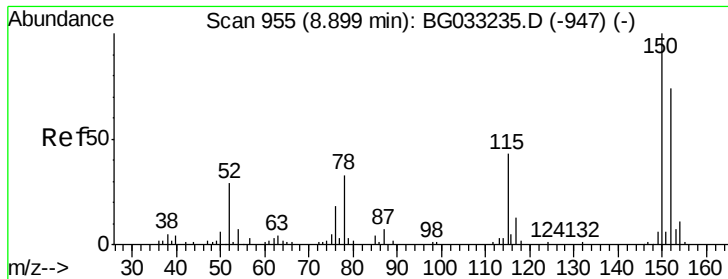
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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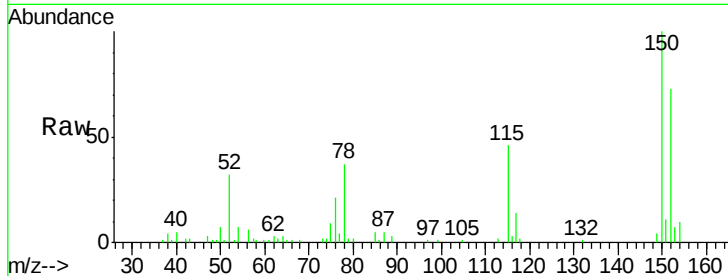


#1

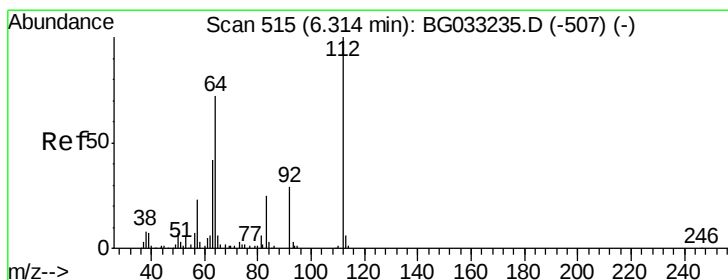
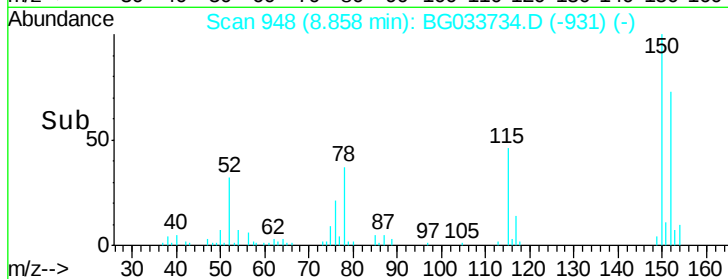
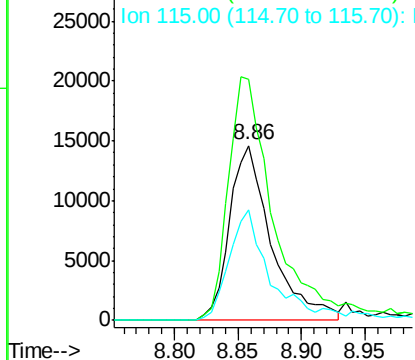
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. 0.00 min
Lab File: BG033734.D
Acq: 11 Apr 2018 5:39

Instrument :
BNA_G
ClientSampleId :
RT4235-RT3407

Tot Ion:152 Resp: 33451
Ion Ratio Lower Upper
152 100
150 137.4 126.6 189.8
115 63.3 53.0 79.4



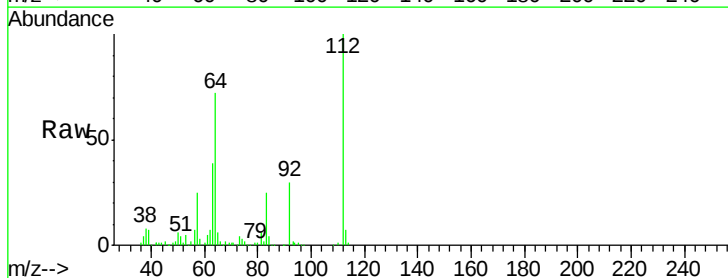
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



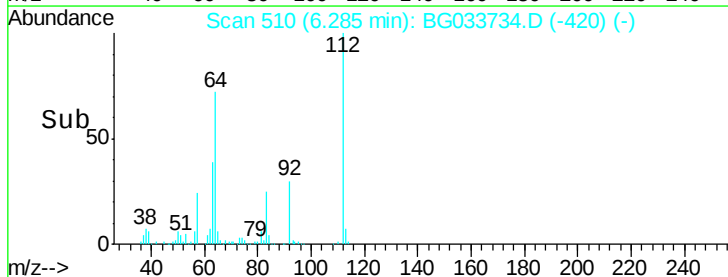
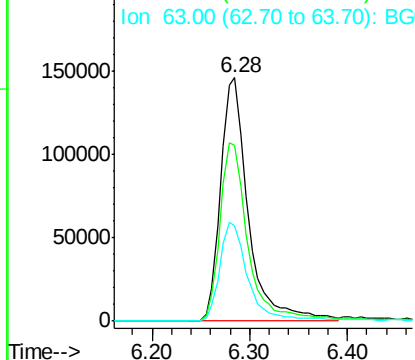
#5

2-Fluorophenol
Concen: 162.036 ng
RT: 6.28 min Scan# 510
Delta R.T. 0.00 min
Lab File: BG033734.D
Acq: 11 Apr 2018 5:39

Tgt Ion:112 Resp: 289063
Ion Ratio Lower Upper
112 100
64 72.2 56.3 84.5
63 38.9 30.1 45.1



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: 121.580 ng

RT: 7.97 min Scan# 796

Delta R.T. -0.00 min

Lab File: BG033734.D

Acq: 11 Apr 2018 5:39

Instrument :

BNA_G

ClientSampleId :

RT4235-RT3407

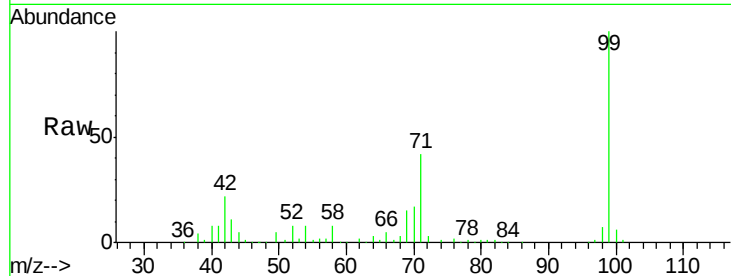
Tot Ion: 99 Resp: 372663

Ion Ratio Lower Upper

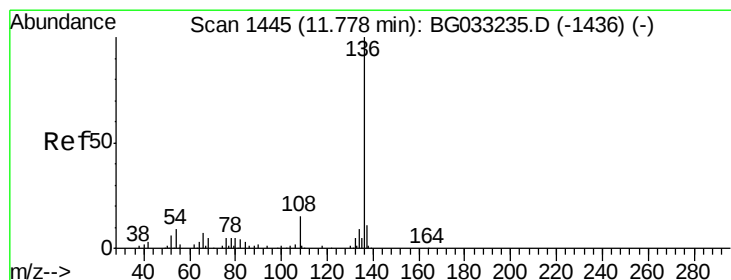
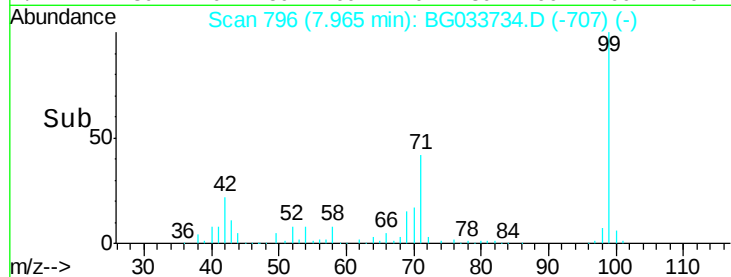
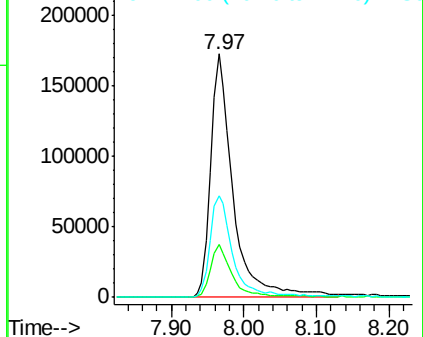
99 100

42 21.7 14.1 21.1#

71 41.9 26.1 39.1#



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: 11.74 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BG033734.D

Acq: 11 Apr 2018 5:39

Tgt Ion: 136 Resp: 138800

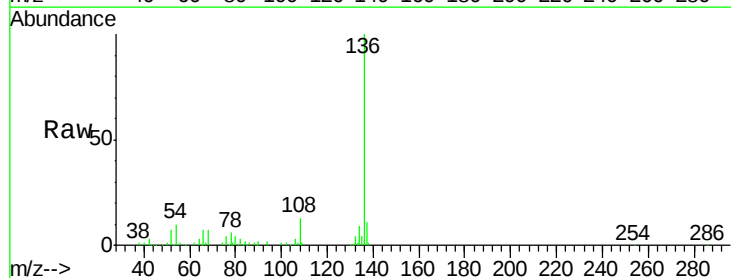
Ion Ratio Lower Upper

136 100

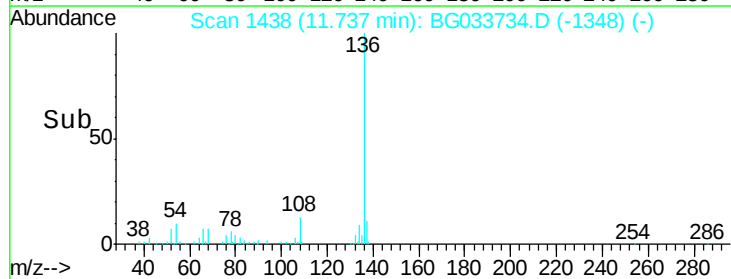
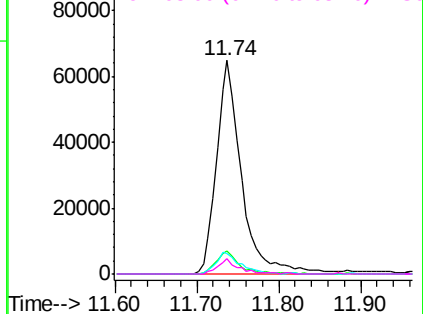
137 10.8 9.2 13.8

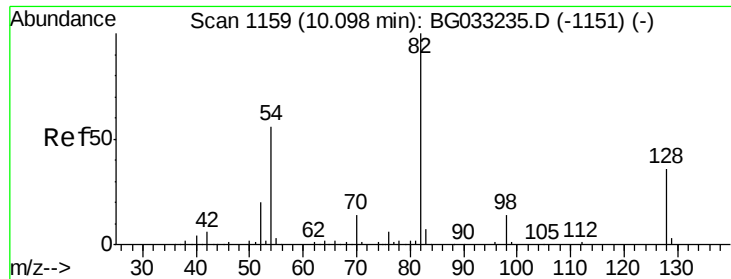
54 9.7 10.3 15.5#

68 7.1 4.5 6.7#



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: 103.926 ng

RT: 10.05 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BG033734.D

Acq: 11 Apr 2018 5:39

Instrument :

BNA_G

ClientSampleId :

RT4235-RT3407

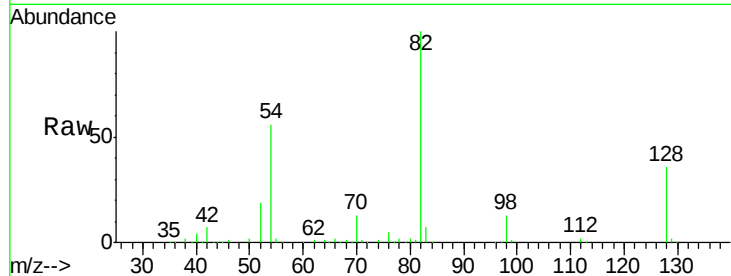
Tot Ion: 82 Resp: 313968

Ion Ratio Lower Upper

82 100

128 36.0 29.7 44.5

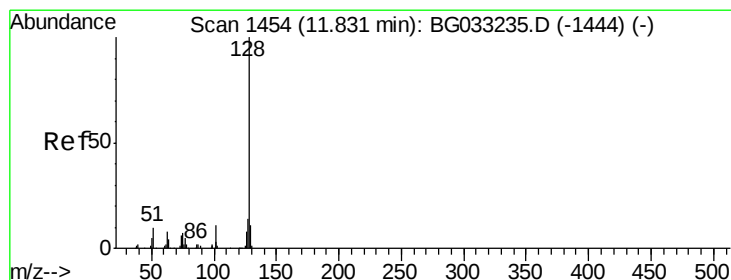
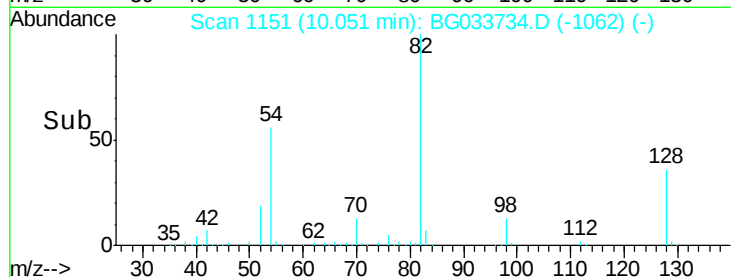
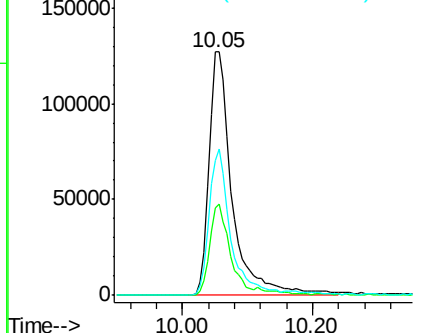
54 55.6 43.1 64.7



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



#31

Naphthalene

Concen: 3.180 ng

RT: 11.79 min Scan# 1447

Delta R.T. 0.00 min

Lab File: BG033734.D

Acq: 11 Apr 2018 5:39

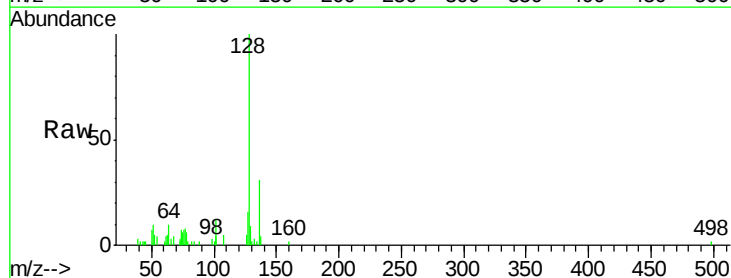
Tgt Ion: 128 Resp: 22874

Ion Ratio Lower Upper

128 100

129 8.7 8.6 12.8

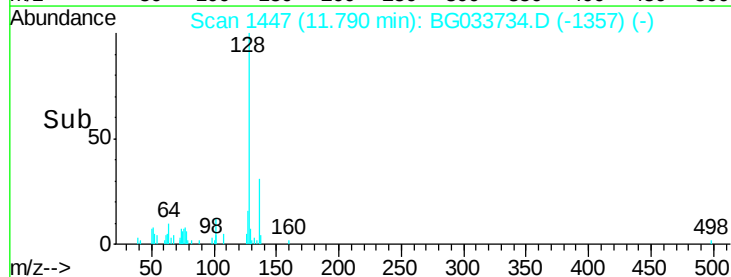
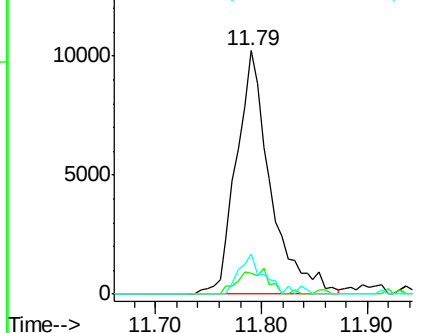
127 16.4 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 129.00 (128.70 to 129.70): BGC

Ion 127.00 (126.70 to 127.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.47 min Scan# 2074

Delta R.T. 0.00 min

Lab File: BG033734.D

Acq: 11 Apr 2018 5:39

Instrument :

BNA_G

ClientSampleId :

RT4235-RT3407

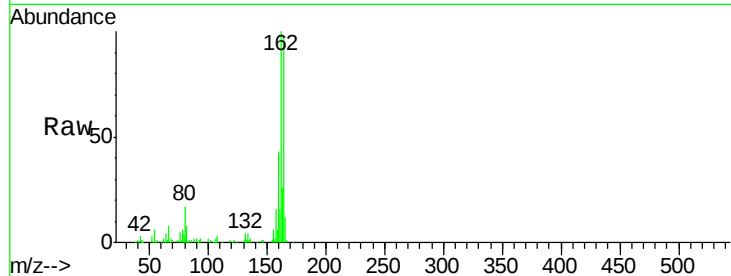
Tot Ion:164 Resp: 98434

Ion Ratio Lower Upper

164 100

162 102.8 78.8 118.2

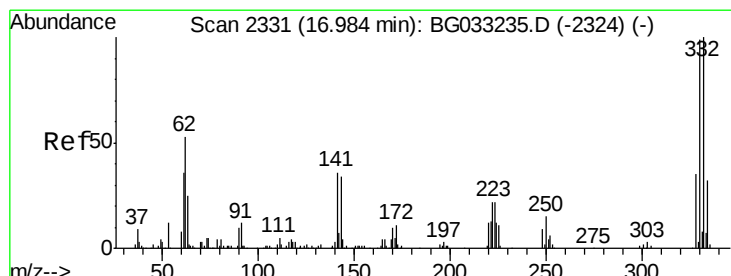
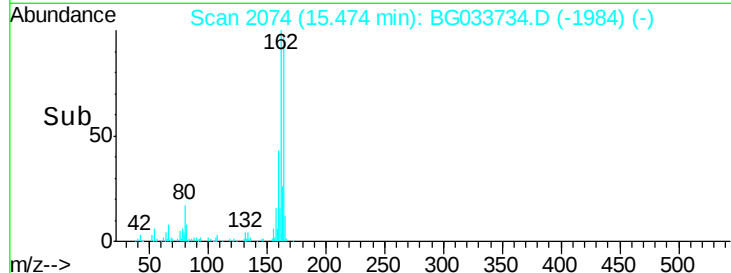
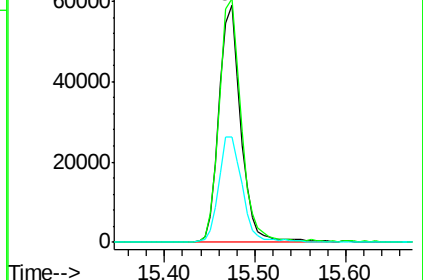
160 44.4 35.4 53.0



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



#41

2,4,6-Tribromophenol

Concen: 164.064 ng

RT: 16.95 min Scan# 2325

Delta R.T. 0.00 min

Lab File: BG033734.D

Acq: 11 Apr 2018 5:39

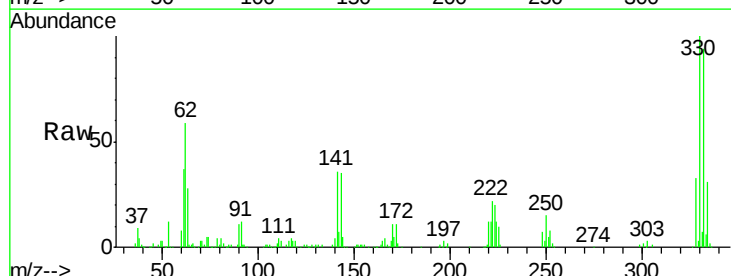
Tgt Ion:330 Resp: 241534

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.6

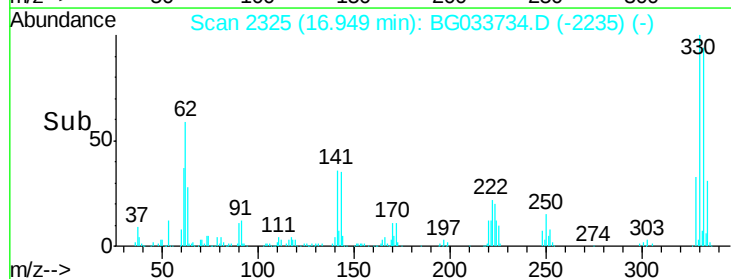
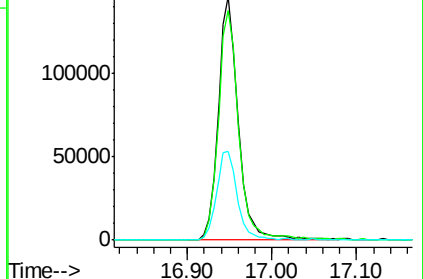
141 37.6 25.2 37.8



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

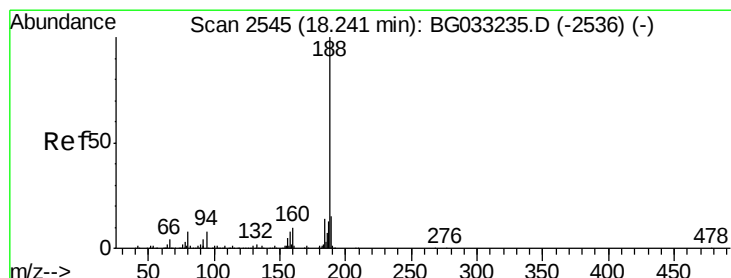
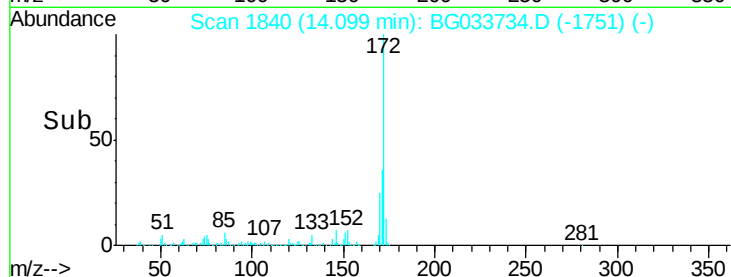
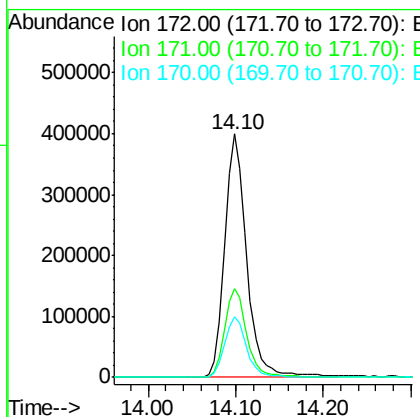
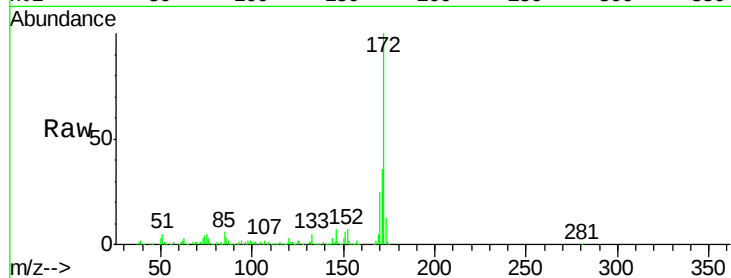




#44
 2-Fluorobiphenyl
 Concen: 101.688 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BG033734.D
 Acq: 11 Apr 2018 5:39

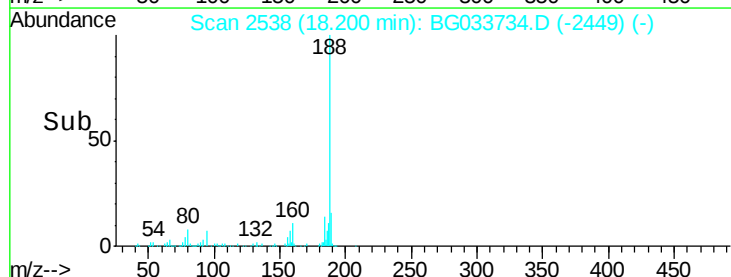
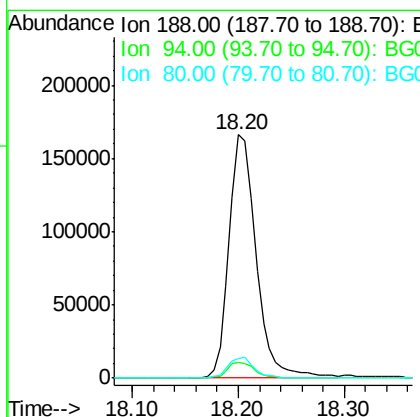
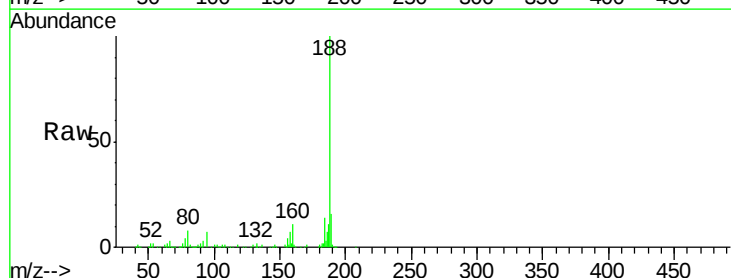
Instrument :
 BNA_G
 ClientSampleId :
 RT4235-RT3407

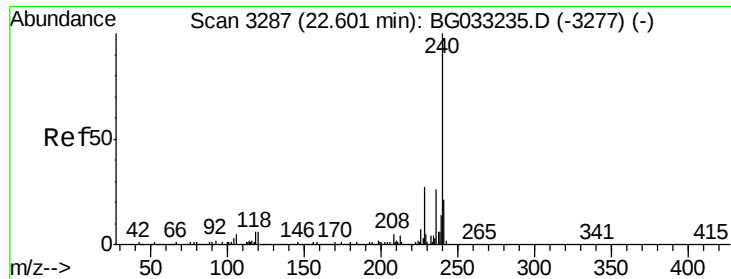
Tot Ion:172 Resp: 693360
 Ion Ratio Lower Upper
 172 100
 171 36.4 30.0 45.0
 170 25.1 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.20 min Scan# 2538
 Delta R.T. -0.00 min
 Lab File: BG033734.D
 Acq: 11 Apr 2018 5:39

Tgt Ion:188 Resp: 297261
 Ion Ratio Lower Upper
 188 100
 94 6.7 6.9 10.3#
 80 8.0 7.7 11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3278

Delta R.T. -0.00 min

Lab File: BG033734.D

Acq: 11 Apr 2018 5:39

Instrument :

BNA_G

ClientSampleId :

RT4235-RT3407

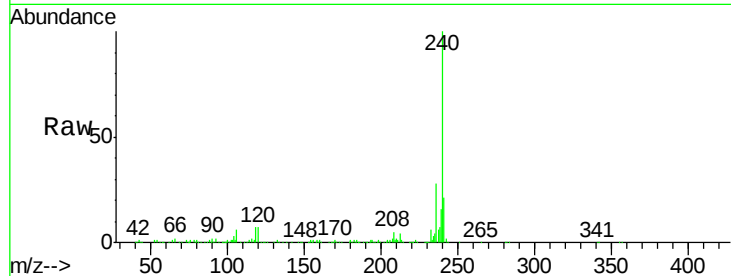
Tot Ion:240 Resp: 356711

Ion Ratio Lower Upper

240 100

120 6.7 6.8 10.2#

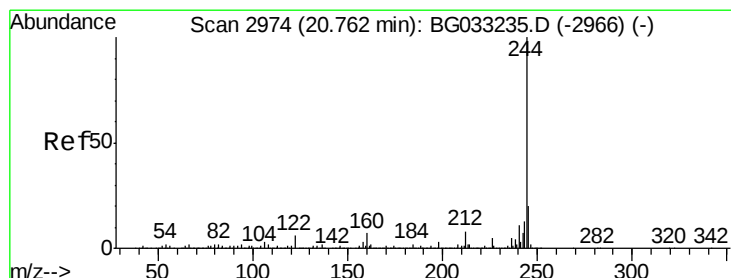
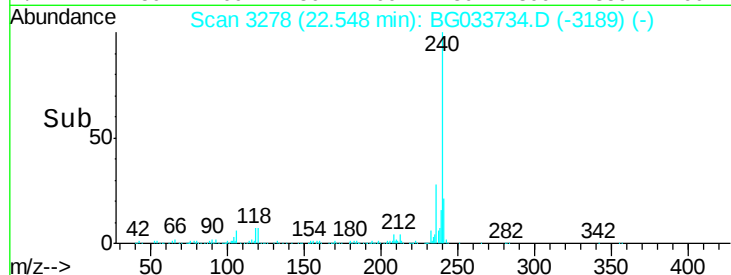
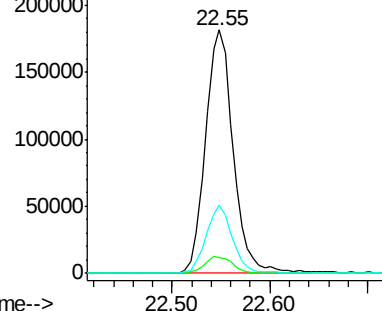
236 27.9 20.9 31.3



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



#78

Terphenyl-d14

Concen: 101.786 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.00 min

Lab File: BG033734.D

Acq: 11 Apr 2018 5:39

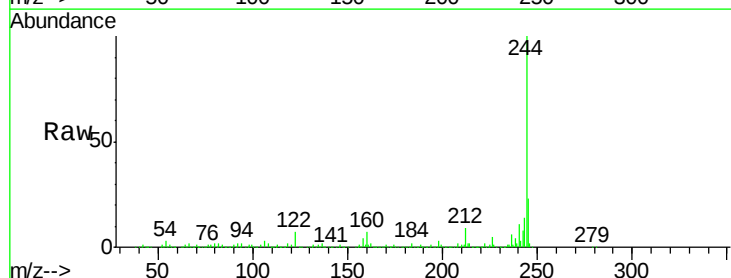
Tgt Ion:244 Resp: 1697745

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

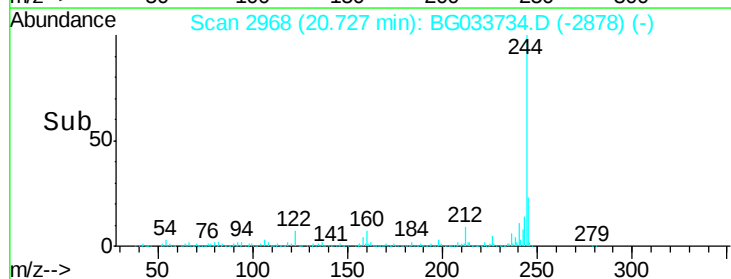
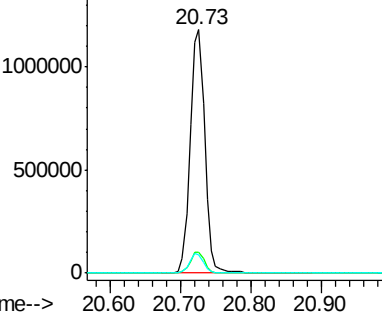
122 7.3 7.0 10.4



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





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.30 min Scan# 3917
 Delta R.T. -0.00 min
 Lab File: BG033734.D
 Acq: 11 Apr 2018 5:39

Instrument :
 BNA_G
 ClientSampleId :
 RT4235-RT3407

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.4	26.0
265	19.2	17.7	26.5

