

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032718\
 Data File : BG033365.D
 Acq On : 27 Mar 2018 17:05
 Operator : SJ/JU
 Sample : J2048-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-108(12-13)

Quant Time: Mar 28 08:22:04 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 15:11:46 2018
 Response via : Initial Calibration

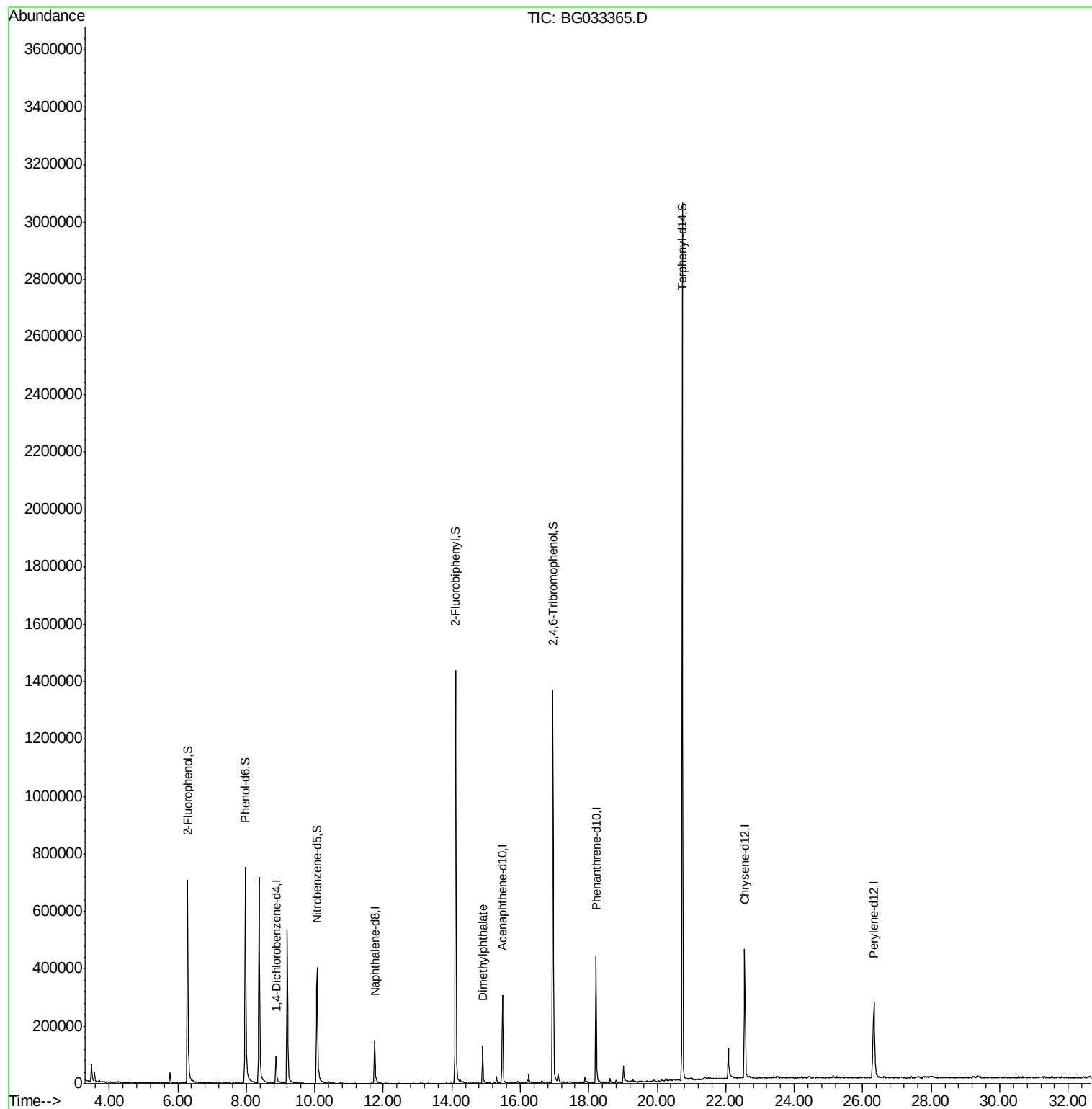
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	38601	20.00	ng	-0.03
21) Naphthalene-d8	11.75	136	151087	20.00	ng	-0.03
38) Acenaphthene-d10	15.48	164	122580	20.00	ng	-0.03
63) Phenanthrene-d10	18.21	188	325619	20.00	ng	-0.03
75) Chrysene-d12	22.56	240	349410	20.00	ng	-0.04
86) Perylene-d12	26.33	264	368805	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	353884	171.91	ng	-0.03
7) Phenol-d6	7.97	99	526086	148.73	ng	-0.03
23) Nitrobenzene-d5	10.07	82	334047	101.58	ng	-0.03
41) 2,4,6-Tribromophenol	16.96	330	295391	161.12	ng	-0.03
44) 2-Fluorobiphenyl	14.11	172	836928	98.57	ng	-0.03
78) Terphenyl-d14	20.73	244	1528048	93.53	ng	-0.03
Target Compounds						
49) Dimethylphthalate	14.90	163	94381	8.847	ng	Qvalue 98

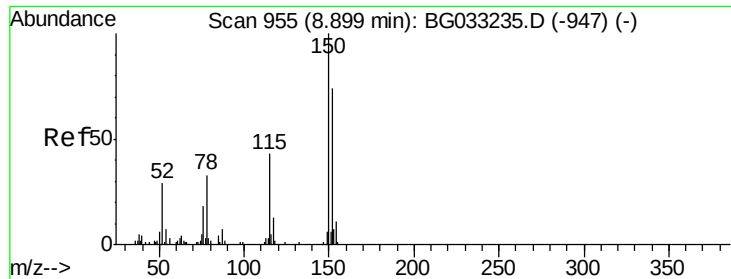
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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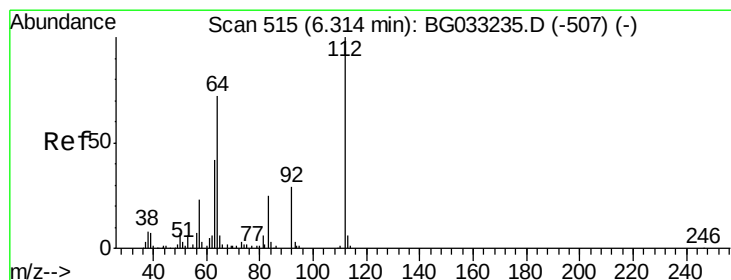
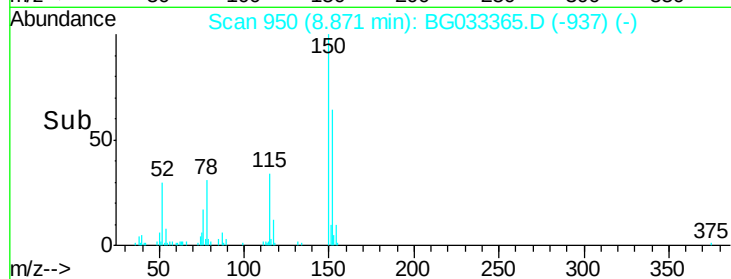
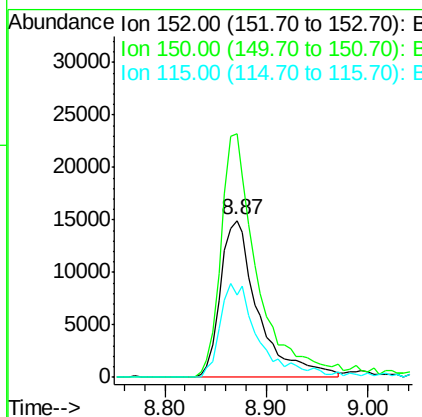
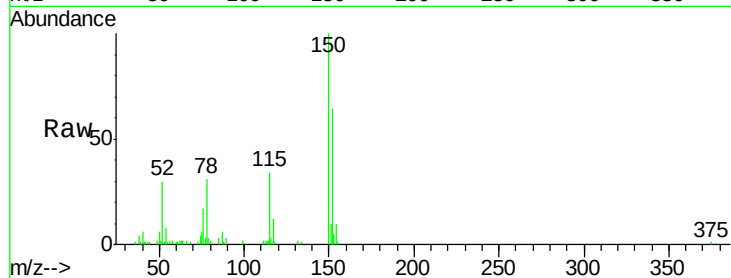


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.03 min
Lab File: BG033365.D
Acq: 27 Mar 2018 17:05

Instrument :
BNA_G
ClientSampleId :
SB-108(12-13)

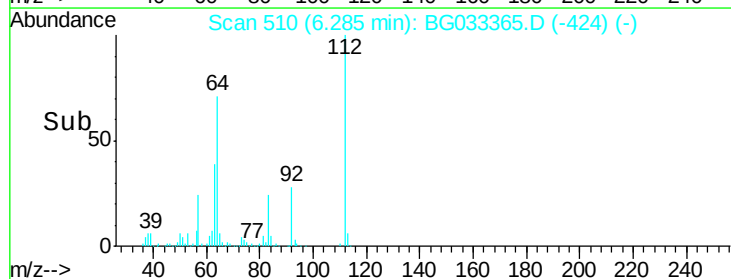
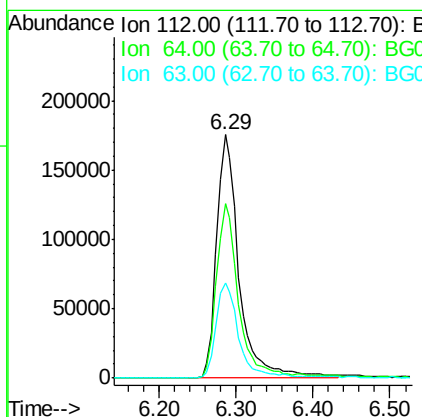
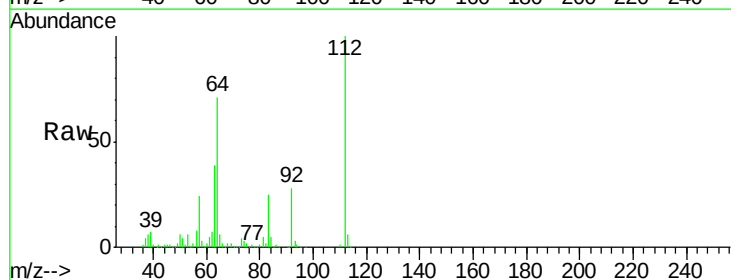
Tot Ion:152 Resp: 38601
Ion Ratio Lower Upper
152 100
150 155.4 126.6 189.8
115 52.7 53.0 79.4#

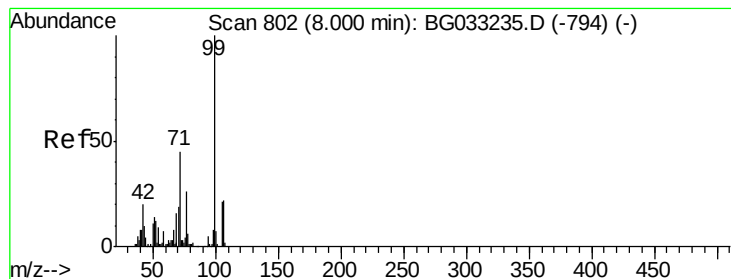


#5

2-Fluorophenol
Concen: 171.906 ng
RT: 6.29 min Scan# 510
Delta R.T. -0.03 min
Lab File: BG033365.D
Acq: 27 Mar 2018 17:05

Tgt Ion:112 Resp: 353884
Ion Ratio Lower Upper
112 100
64 71.5 56.3 84.5
63 38.8 30.1 45.1





#7

Phenol-d6

Concen: 148.735 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.03 min

Lab File: BG033365.D

Acq: 27 Mar 2018 17:05

Instrument :

BNA_G

ClientSampleId :

SB-108(12-13)

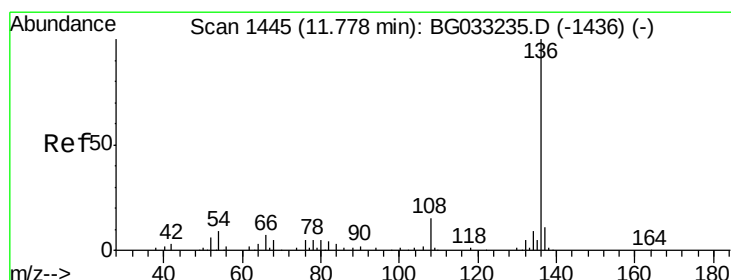
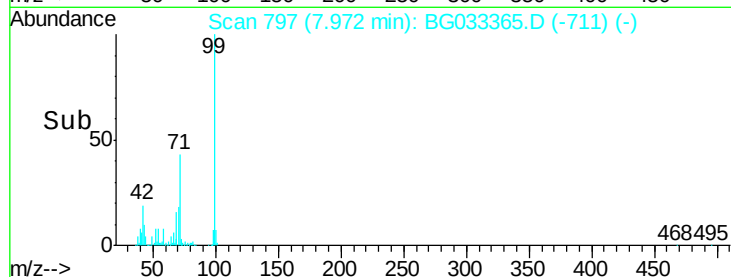
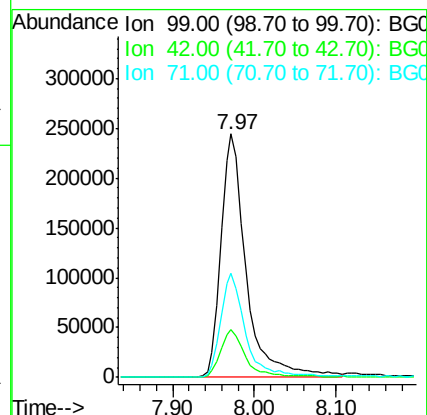
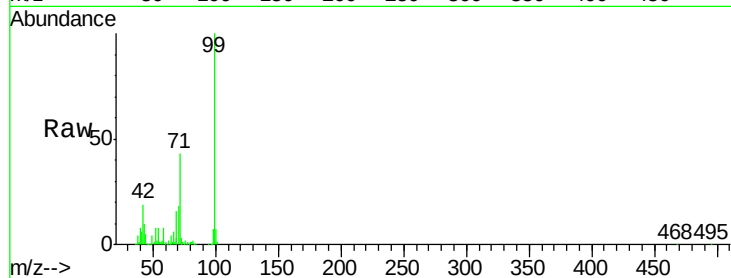
Tot Ion: 99 Resp: 526086

Ion Ratio Lower Upper

99 100

42 19.5 14.1 21.1

71 42.5 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.75 min Scan# 1440

Delta R.T. -0.03 min

Lab File: BG033365.D

Acq: 27 Mar 2018 17:05

Tgt Ion: 136 Resp: 151087

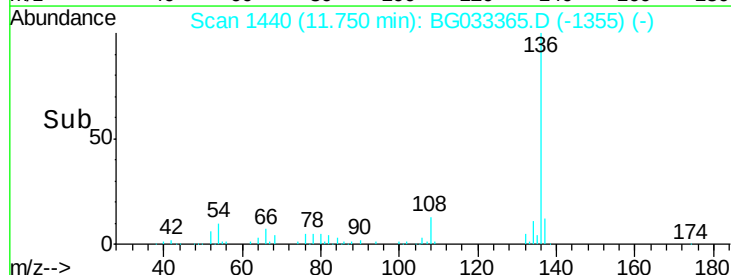
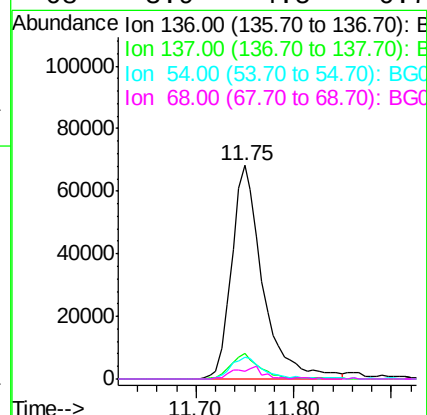
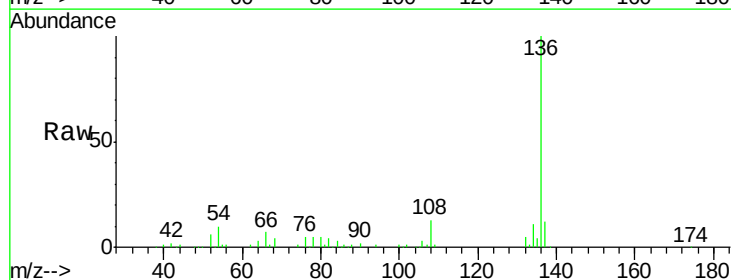
Ion Ratio Lower Upper

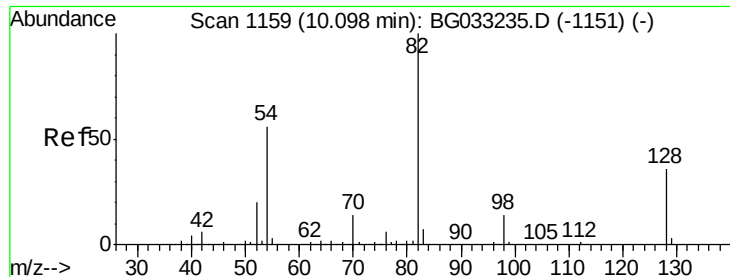
136 100

137 11.8 9.2 13.8

54 10.0 10.3 15.5#

68 3.9 4.5 6.7#

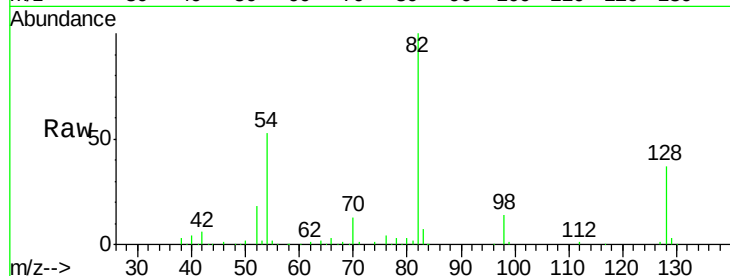




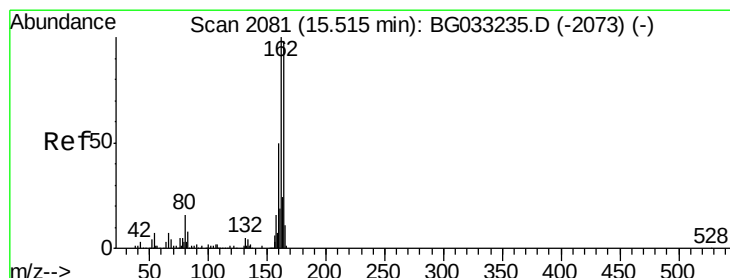
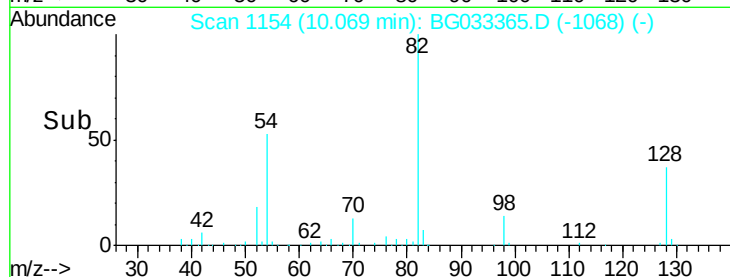
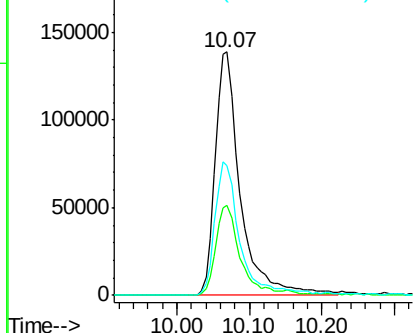
#23
 Nitrobenzene-d5
 Concen: 101.580 ng
 RT: 10.07 min Scan# 1154
 Delta R.T. -0.03 min
 Lab File: BG033365.D
 Acq: 27 Mar 2018 17:05

Instrument :
 BNA_G
 ClientSampleId :
 SB-108(12-13)

Tot Ion: 82 Resp: 334047
 Ion Ratio Lower Upper
 82 100
 128 36.8 29.7 44.5
 54 53.3 43.1 64.7

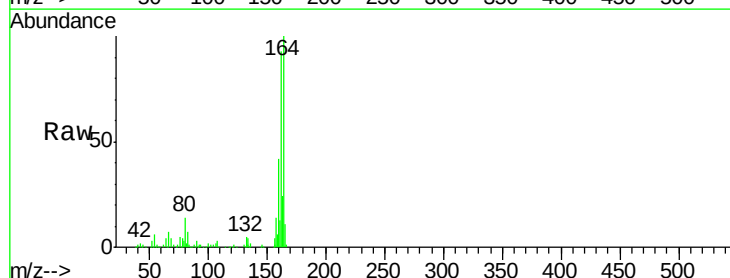


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

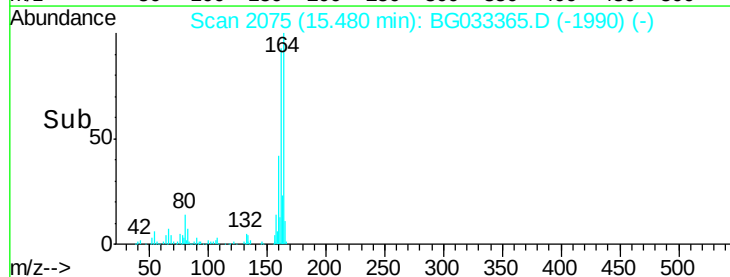
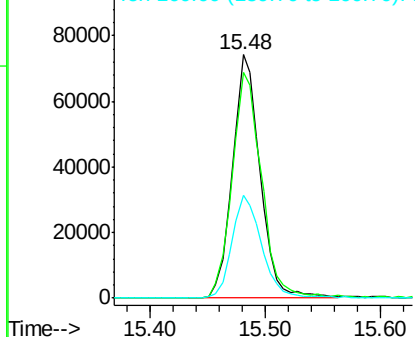


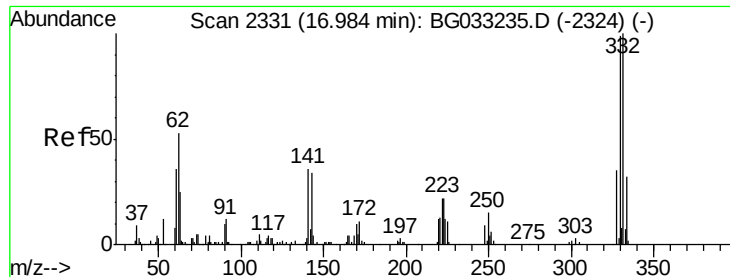
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.03 min
 Lab File: BG033365.D
 Acq: 27 Mar 2018 17:05

Tgt Ion:164 Resp: 122580
 Ion Ratio Lower Upper
 164 100
 162 92.5 78.8 118.2
 160 42.1 35.4 53.0



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

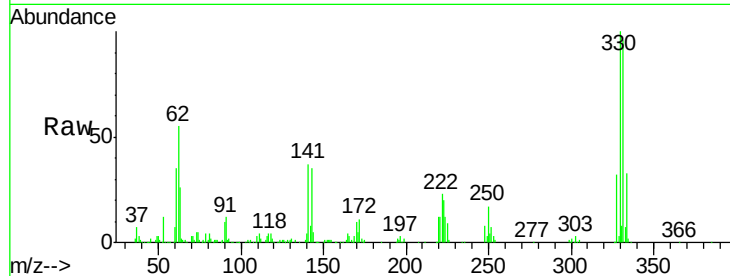




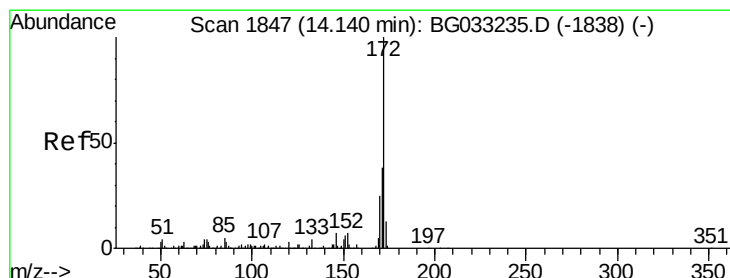
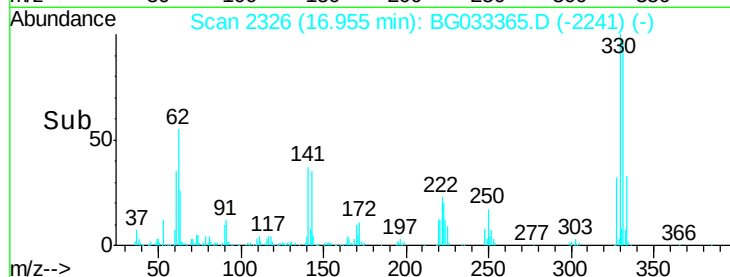
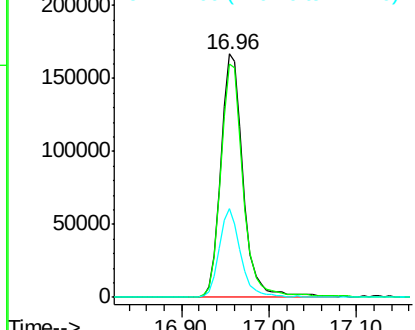
#41
 2,4,6-Tribromophenol
 Concen: 161.123 ng
 RT: 16.96 min Scan# 2326
 Delta R.T. -0.03 min
 Lab File: BG033365.D
 Acq: 27 Mar 2018 17:05

Instrument :
 BNA_G
 ClientSampleId :
 SB-108(12-13)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	34.7	25.2	37.8

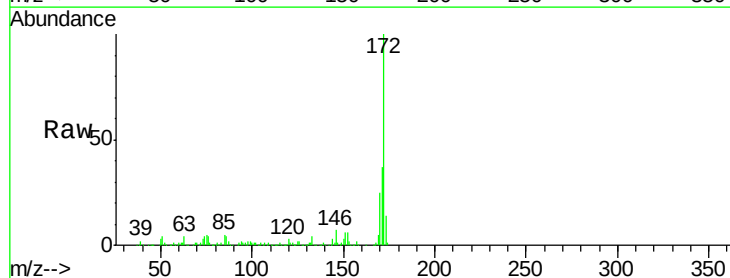


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

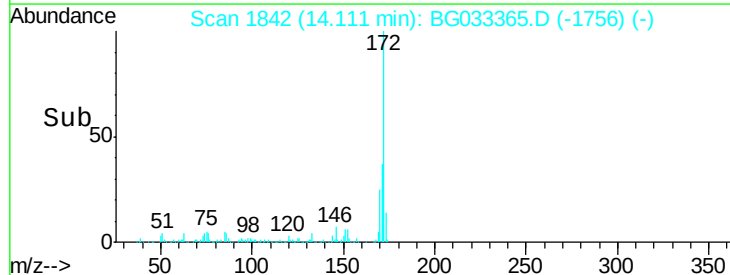
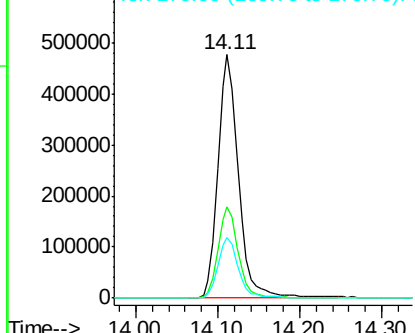


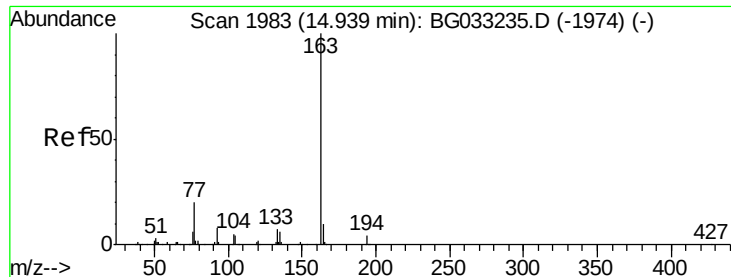
#44
 2-Fluorobiphenyl
 Concen: 98.566 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.03 min
 Lab File: BG033365.D
 Acq: 27 Mar 2018 17:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.0	45.0
170	24.7	19.5	29.3



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





#49

Dimethylphthalate

Concen: 8.847 ng

RT: 14.90 min Scan# 1977

Delta R.T. -0.03 min

Lab File: BG033365.D

Acq: 27 Mar 2018 17:05

Instrument :

BNA_G

ClientSampleId :

SB-108(12-13)

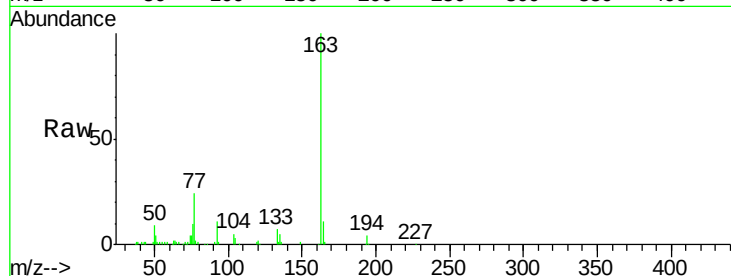
Tot Ion:163 Resp: 94381

Ion Ratio Lower Upper

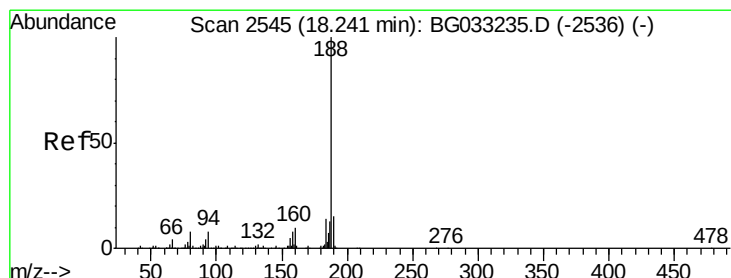
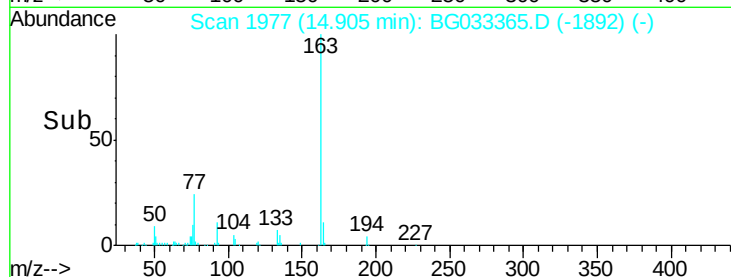
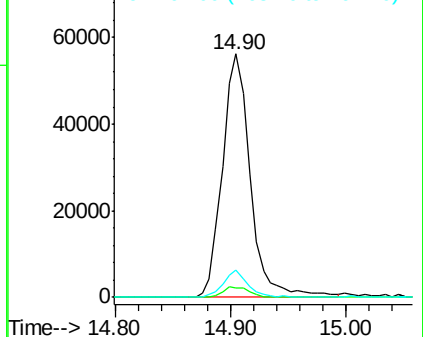
163 100

194 3.7 3.4 5.2

164 11.1 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.21 min Scan# 2540

Delta R.T. -0.03 min

Lab File: BG033365.D

Acq: 27 Mar 2018 17:05

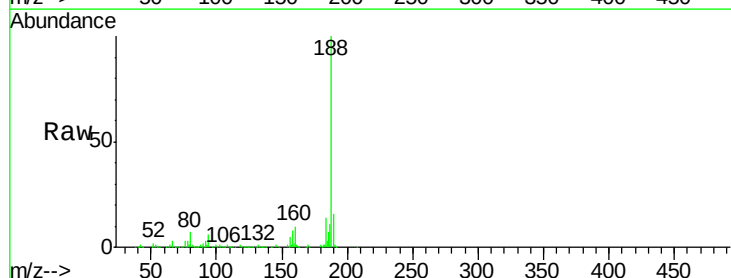
Tgt Ion:188 Resp: 325619

Ion Ratio Lower Upper

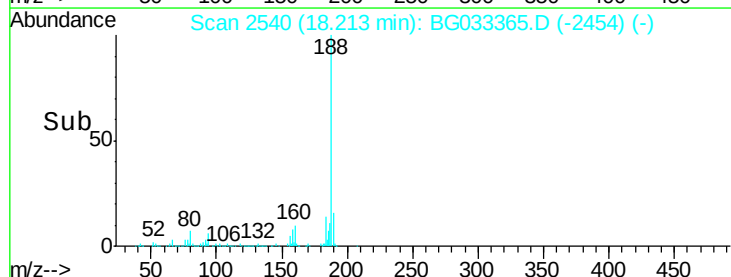
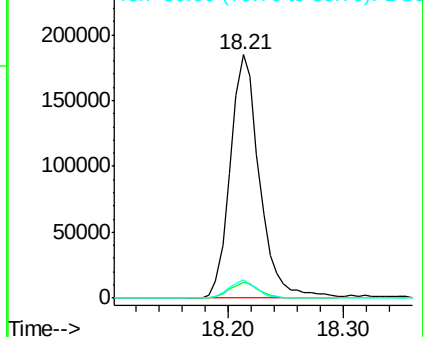
188 100

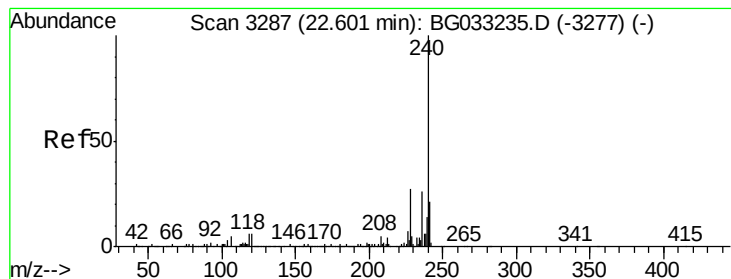
94 6.4 6.9 10.3#

80 7.4 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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.56 min Scan# 3280

Delta R.T. -0.04 min

Lab File: BG033365.D

Acq: 27 Mar 2018 17:05

Instrument :

BNA_G

ClientSampleId :

SB-108(12-13)

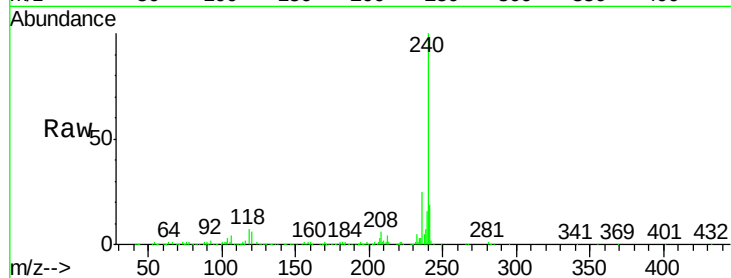
Tot Ion:240 Resp: 349410

Ion Ratio Lower Upper

240 100

120 5.9 6.8 10.2#

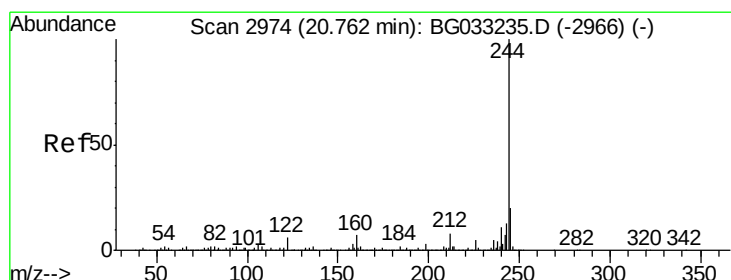
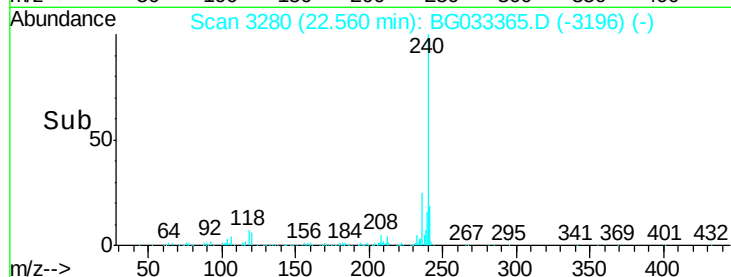
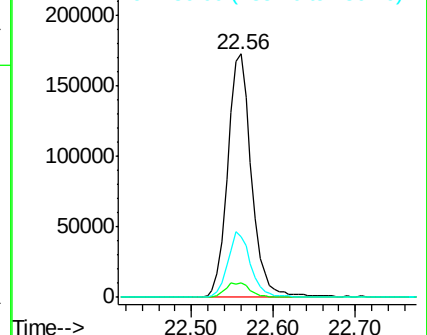
236 24.9 20.9 31.3



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: 93.526 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.03 min

Lab File: BG033365.D

Acq: 27 Mar 2018 17:05

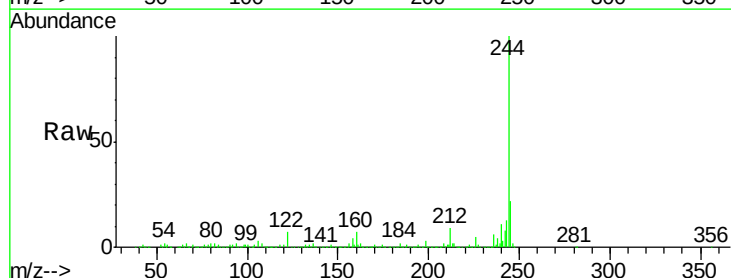
Tgt Ion:244 Resp: 1528048

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

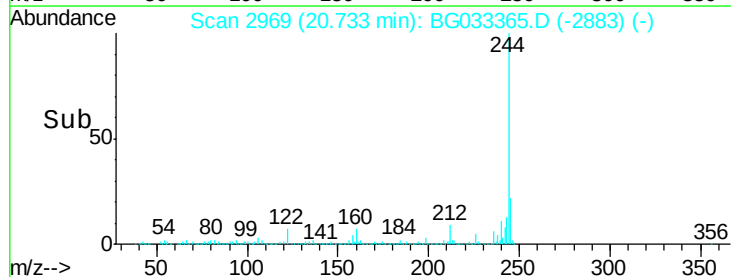
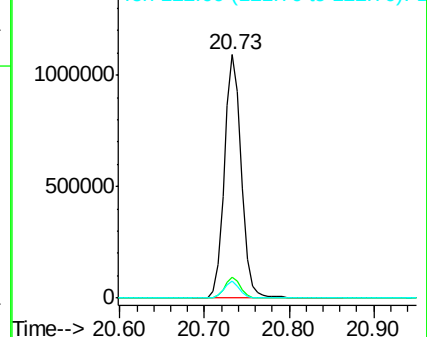
122 7.0 7.0 10.4

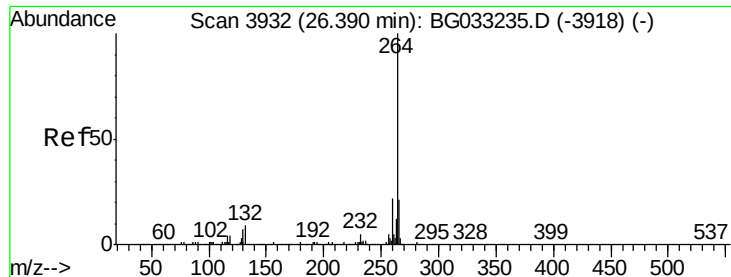


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.33 min Scan# 3921
 Delta R.T. -0.06 min
 Lab File: BG033365.D
 Acq: 27 Mar 2018 17:05

Instrument :
 BNA_G
 ClientSampleId :
 SB-108(12-13)

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.7	17.4	26.0
265	21.3	17.7	26.5

