

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG040218\
 Data File : BG033502.D
 Acq On : 3 Apr 2018 00:23
 Operator : SJ/JU
 Sample : J2114-13
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 032718-SIDI-E-D-S

Quant Time: Apr 03 05:03:59 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 18:34:58 2018
 Response via : Initial Calibration

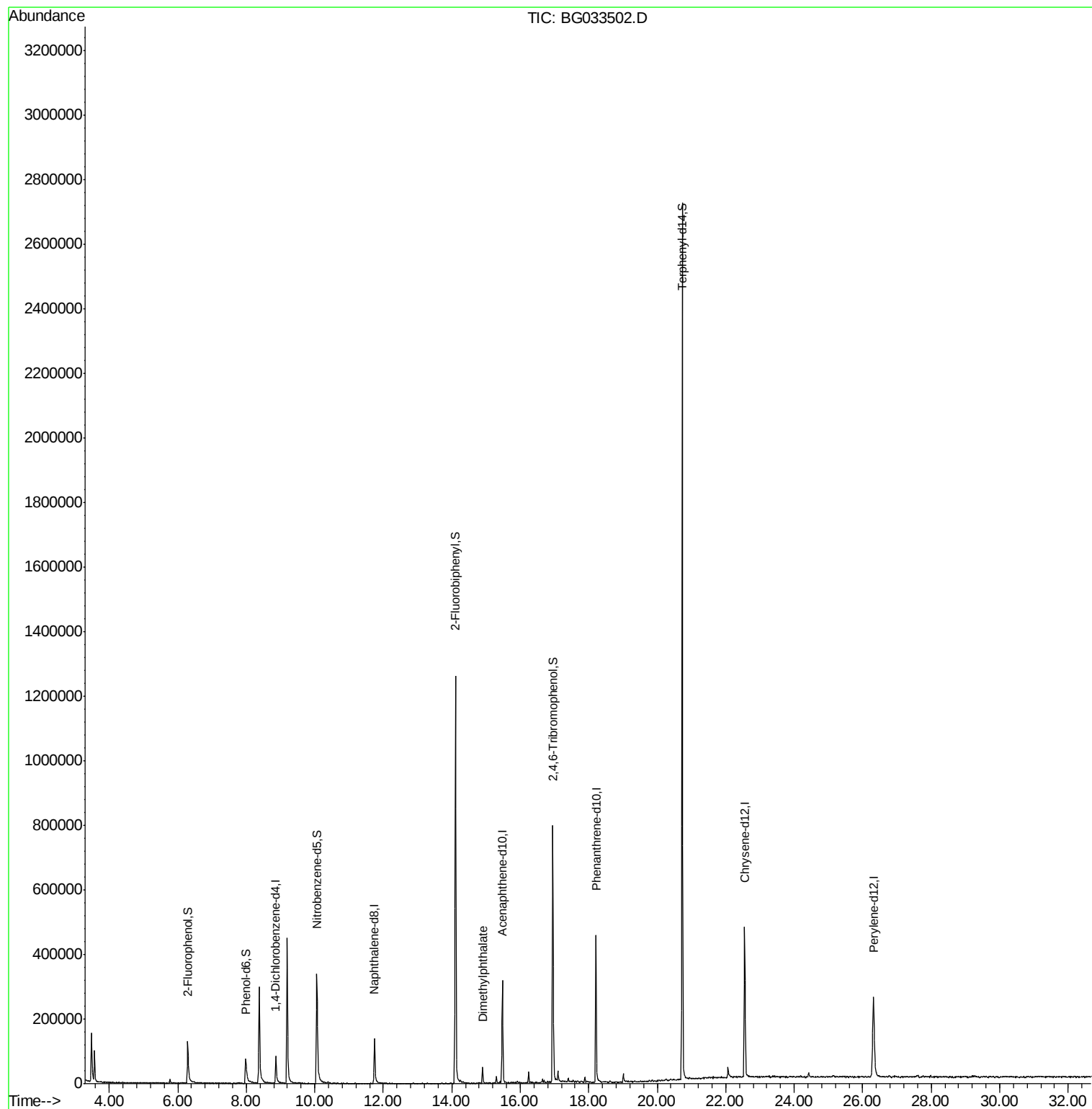
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	32219	20.00	ng	-0.01
21) Naphthalene-d8	11.74	136	141469	20.00	ng	-0.01
38) Acenaphthene-d10	15.48	164	118142	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	332818	20.00	ng	0.00
75) Chrysene-d12	22.55	240	330951	20.00	ng	0.00
86) Perylene-d12	26.31	264	348816	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	75324	43.84	ng	0.00
7) Phenol-d6	7.98	99	68023	23.04	ng	0.00
23) Nitrobenzene-d5	10.06	82	291874	94.79	ng	-0.01
41) 2,4,6-Tribromophenol	16.95	330	172637	97.70	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	735919	89.93	ng	0.00
78) Terphenyl-d14	20.73	244	1417361	91.59	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.90	163	36440	3.544	ng	Qvalue # 95

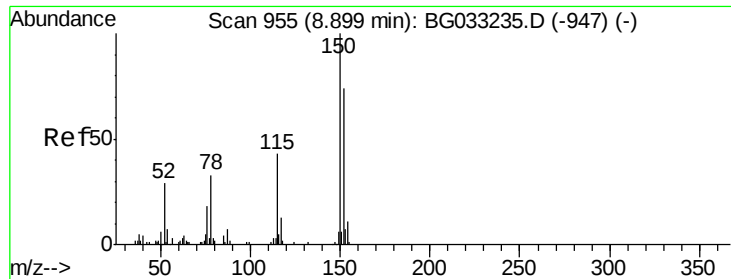
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 28 18:34:58 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.86 min Scan# 949

Delta R.T. -0.01 min

Lab File: BG033502.D

Acq: 3 Apr 2018 00:23

Instrument :

BNA_G

ClientSampleId :

032718-SIDI-E-D-S

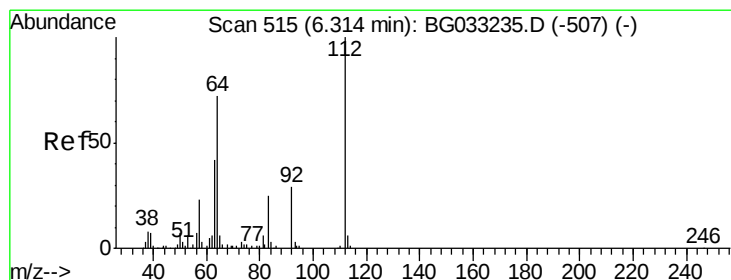
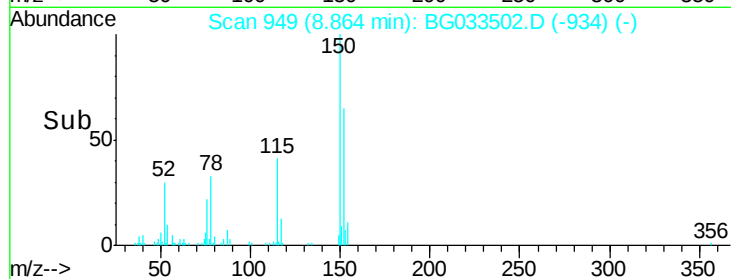
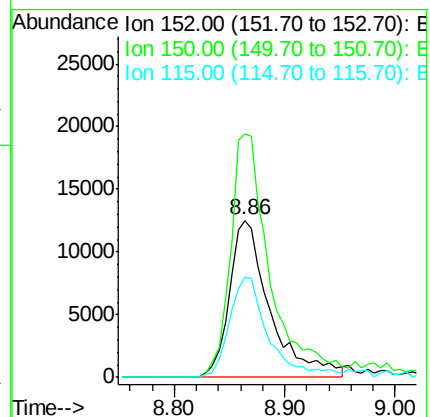
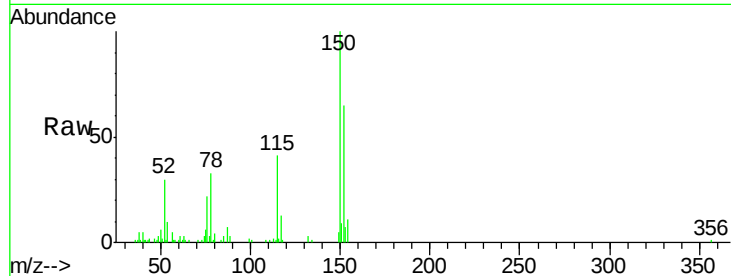
Tot Ion:152 Resp: 32219

Ion Ratio Lower Upper

152 100

150 155.0 126.6 189.8

115 63.6 53.0 79.4



#5

2-Fluorophenol

Concen: 43.838 ng

RT: 6.29 min Scan# 511

Delta R.T. -0.00 min

Lab File: BG033502.D

Acq: 3 Apr 2018 00:23

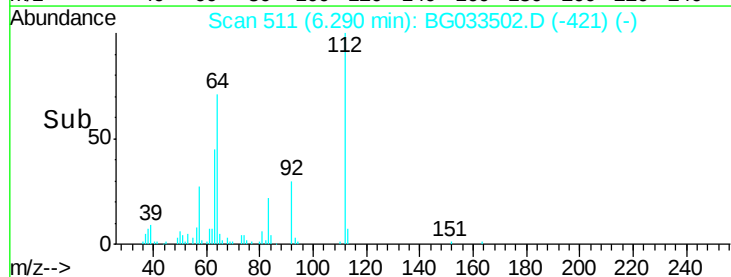
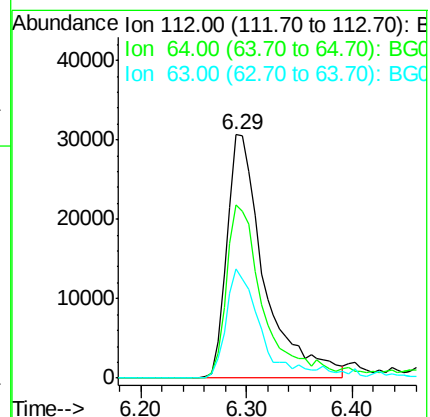
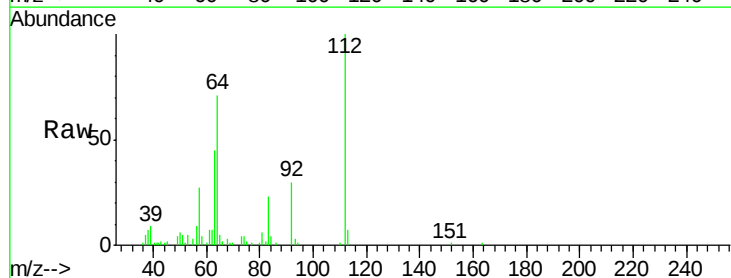
Tgt Ion:112 Resp: 75324

Ion Ratio Lower Upper

112 100

64 71.4 56.3 84.5

63 44.8 30.1 45.1





#7

Phenol-d6

Concen: 23.041 ng

RT: 7.98 min Scan# 798

Delta R.T. -0.00 min

Lab File: BG033502.D

Acq: 3 Apr 2018 00:23

Instrument :

BNA_G

ClientSampleId :

032718-SIDI-E-D-S

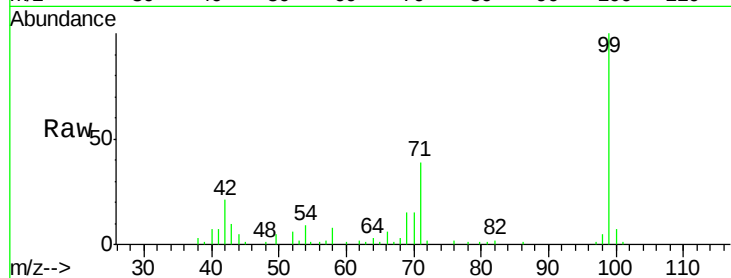
Tot Ion: 99 Resp: 68023

Ion Ratio Lower Upper

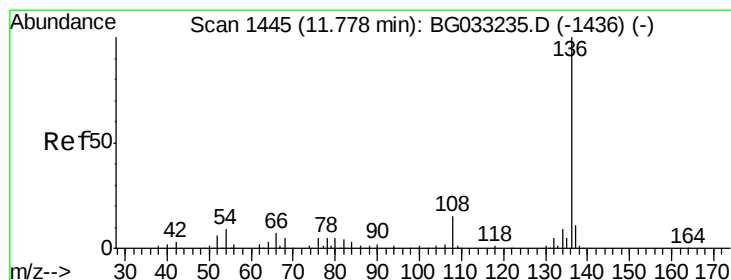
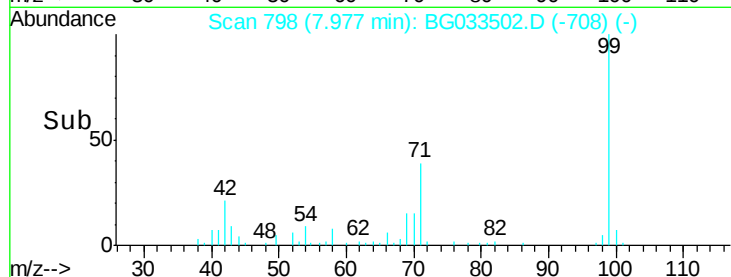
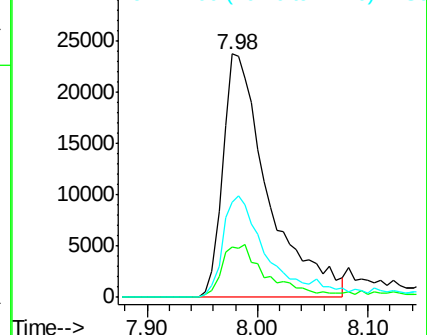
99 100

42 20.6 14.1 21.1

71 39.3 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# 1439

Delta R.T. -0.01 min

Lab File: BG033502.D

Acq: 3 Apr 2018 00:23

Tgt Ion: 136 Resp: 141469

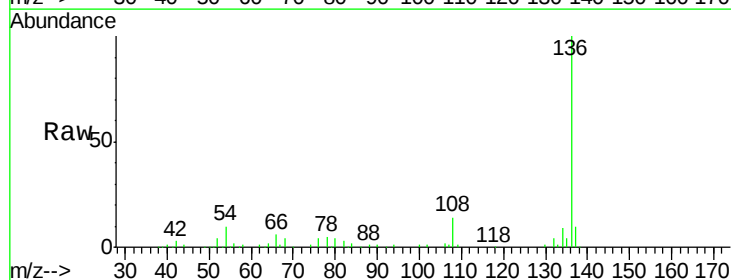
Ion Ratio Lower Upper

136 100

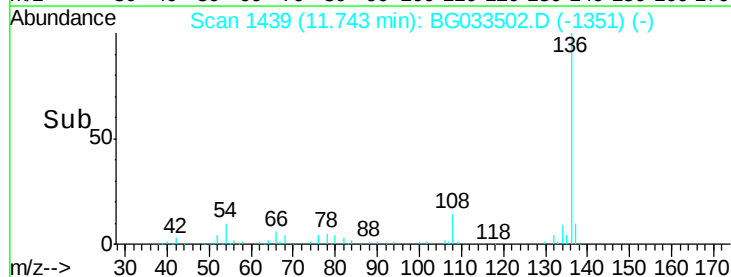
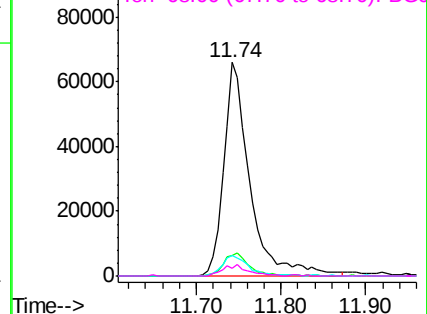
137 9.6 9.2 13.8

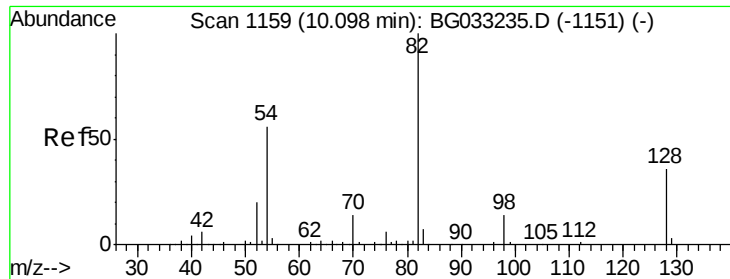
54 9.5 10.3 15.5#

68 3.8 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

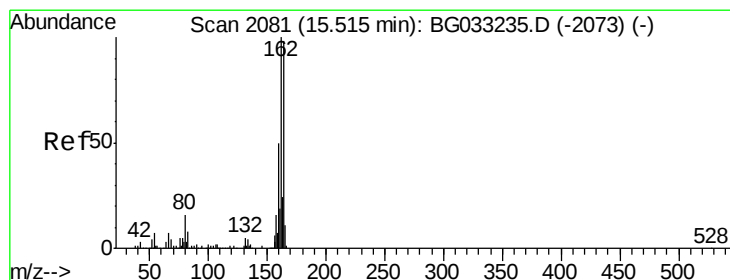
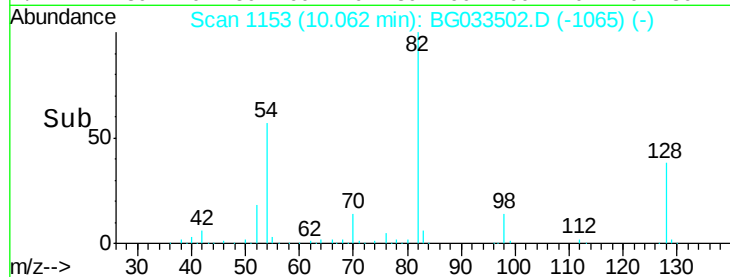
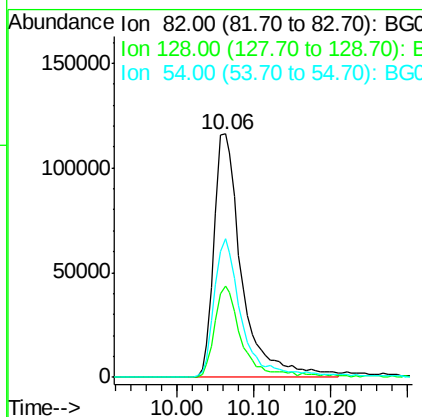
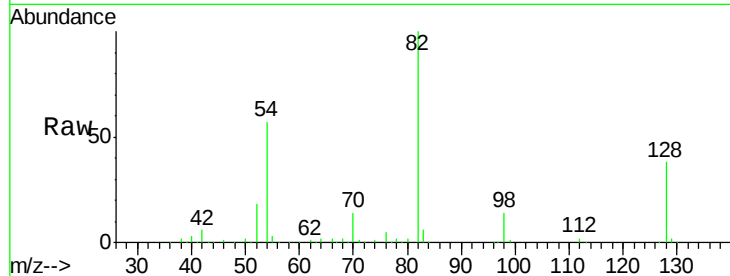




#23
 Nitrobenzene-d5
 Concen: 94.790 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BG033502.D
 Acq: 3 Apr 2018 00:23

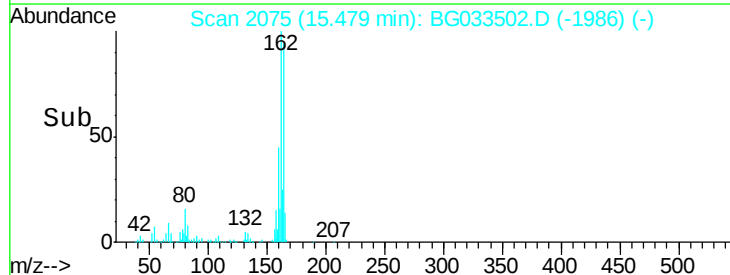
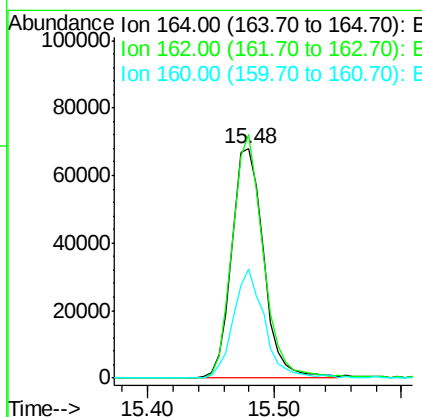
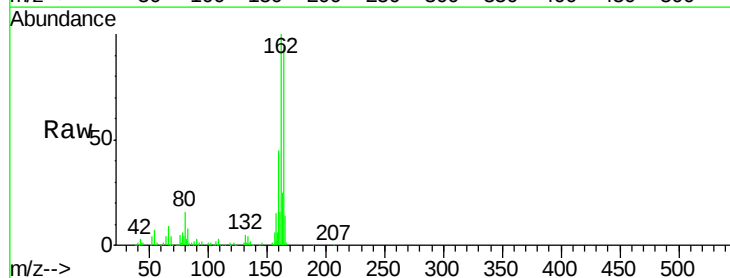
Instrument :
 BNA_G
 ClientSampleId :
 032718-SIDI-E-D-S

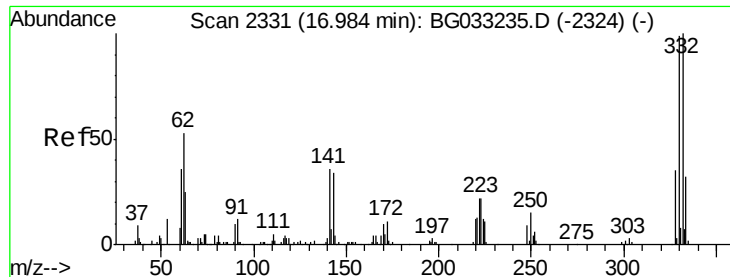
Tot Ion: 82 Resp: 291874
 Ion Ratio Lower Upper
 82 100
 128 37.6 29.7 44.5
 54 57.1 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.01 min
 Lab File: BG033502.D
 Acq: 3 Apr 2018 00:23

Tgt Ion: 164 Resp: 118142
 Ion Ratio Lower Upper
 164 100
 162 106.2 78.8 118.2
 160 47.6 35.4 53.0

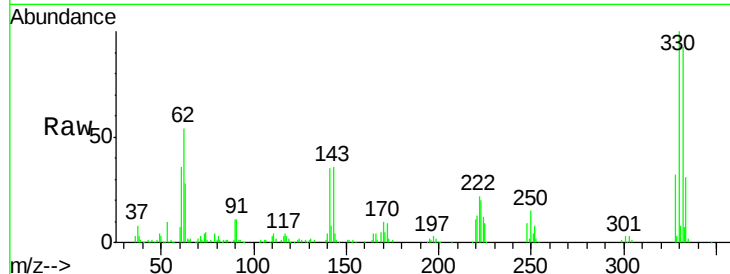




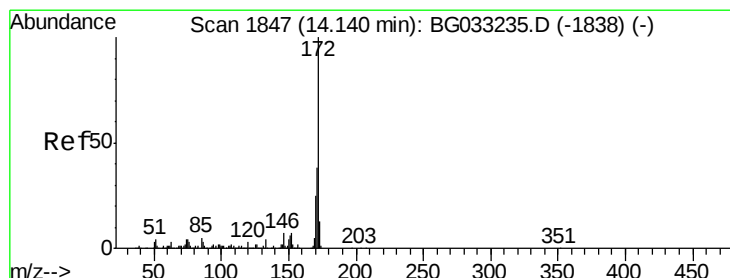
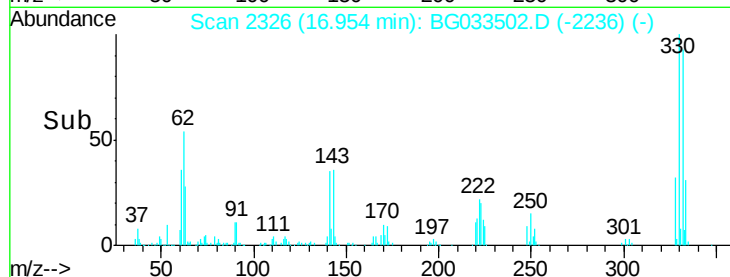
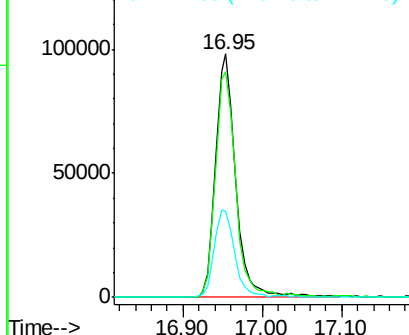
#41
 2,4,6-Tribromophenol
 Concen: 97.703 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033502.D
 Acq: 3 Apr 2018 00:23

Instrument :
 BNA_G
 ClientSampleId :
 032718-SIDI-E-D-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	92.6	77.0	115.6
141	36.1	25.2	37.8

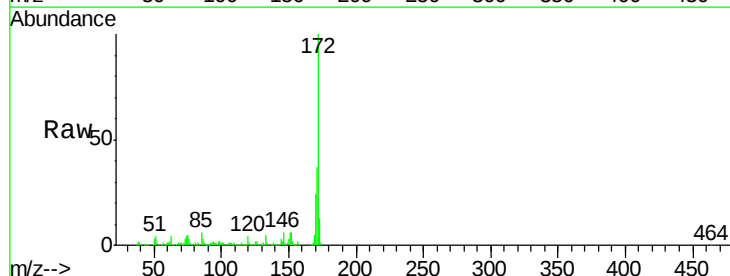


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

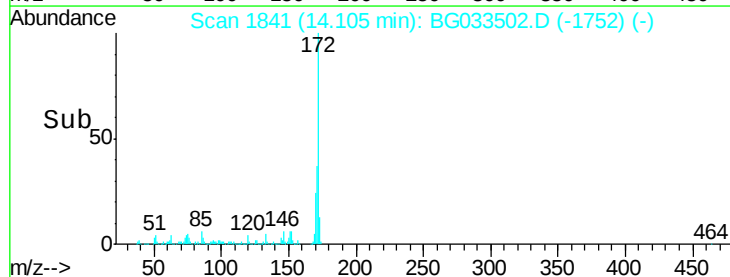
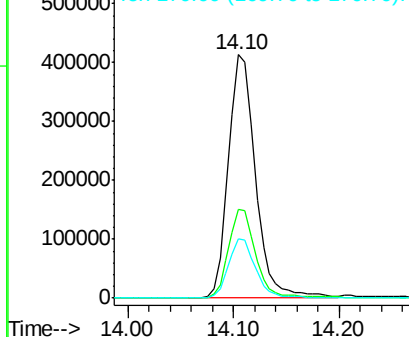


#44
 2-Fluorobiphenyl
 Concen: 89.926 ng
 RT: 14.10 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BG033502.D
 Acq: 3 Apr 2018 00:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.0	45.0
170	24.3	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: 3.544 ng

RT: 14.90 min Scan# 1977

Delta R.T. -0.01 min

Lab File: BG033502.D

Acq: 3 Apr 2018 00:23

Instrument :

BNA_G

ClientSampleId :

032718-SIDI-E-D-S

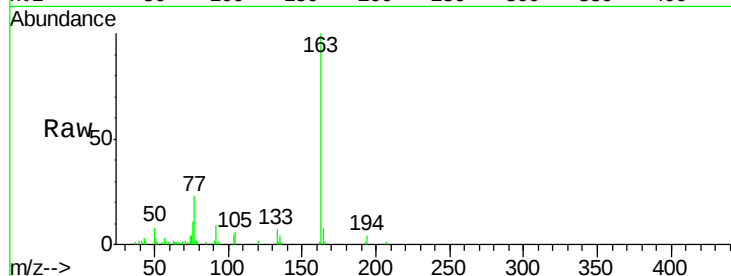
Tot Ion:163 Resp: 36440

Ion Ratio Lower Upper

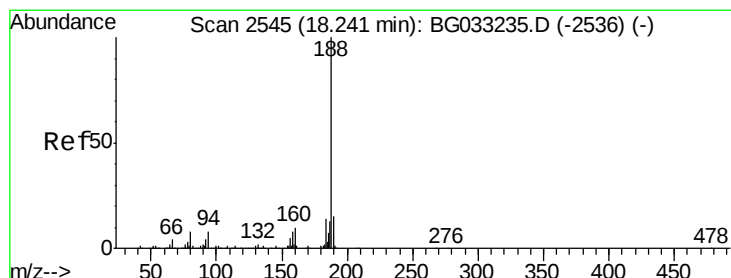
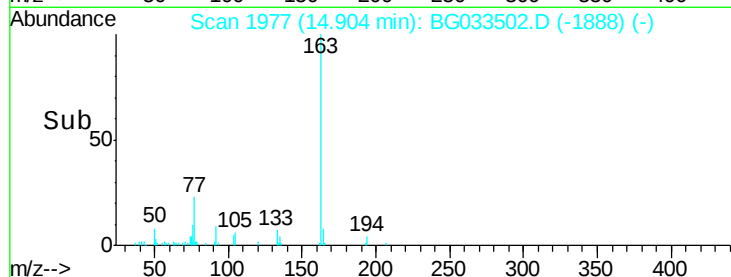
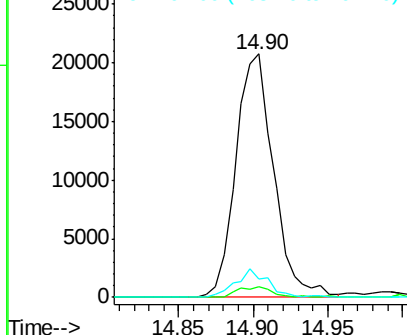
163 100

194 4.2 3.4 5.2

164 7.5 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. -0.00 min

Lab File: BG033502.D

Acq: 3 Apr 2018 00:23

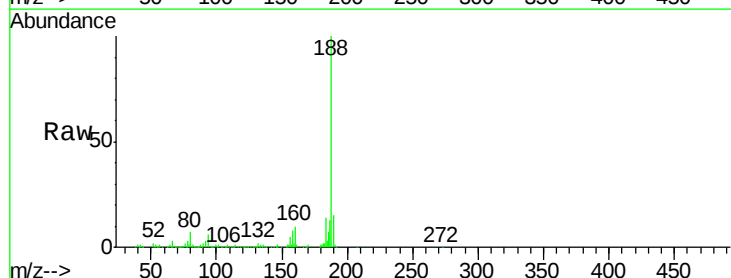
Tgt Ion:188 Resp: 332818

Ion Ratio Lower Upper

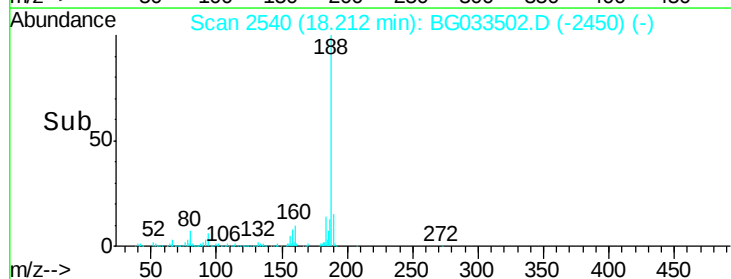
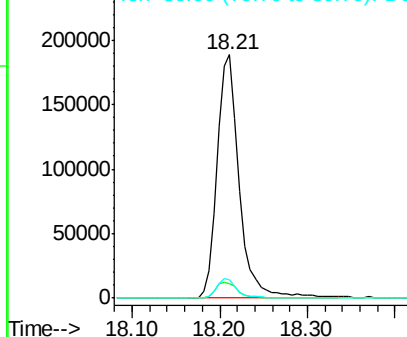
188 100

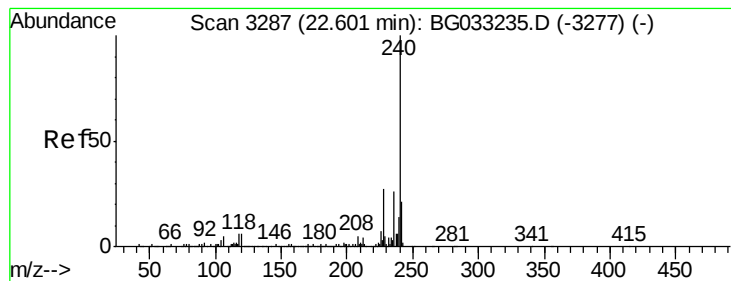
94 6.0 6.9 10.3#

80 7.3 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: 22.55 min Scan# 3279

Delta R.T. -0.01 min

Lab File: BG033502.D

Acq: 3 Apr 2018 00:23

Instrument :

BNA_G

ClientSampleId :

032718-SIDI-E-D-S

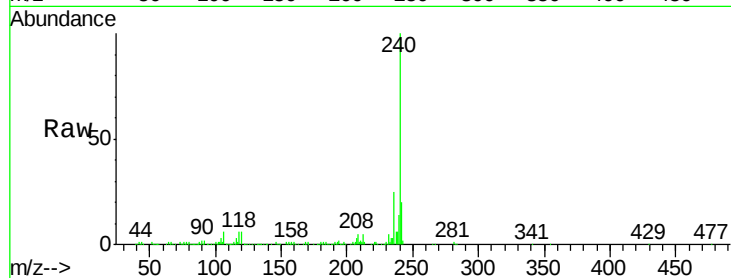
Tot Ion:240 Resp: 330951

Ion Ratio Lower Upper

240 100

120 6.0 6.8 10.2#

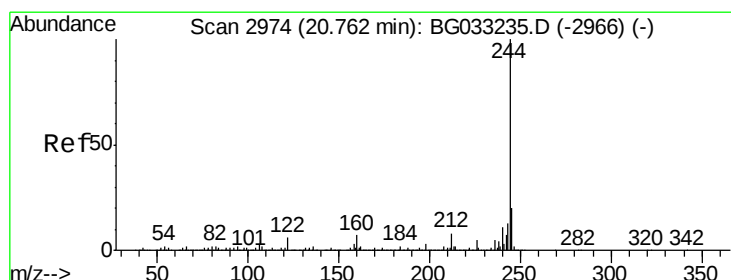
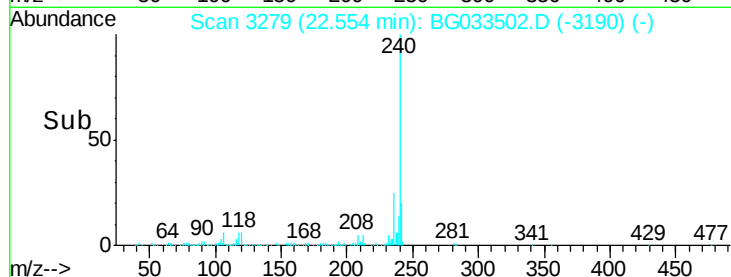
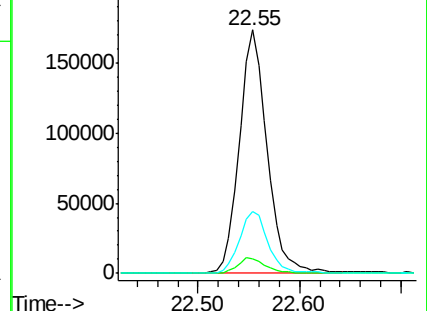
236 25.2 20.9 31.3



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: 91.590 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.01 min

Lab File: BG033502.D

Acq: 3 Apr 2018 00:23

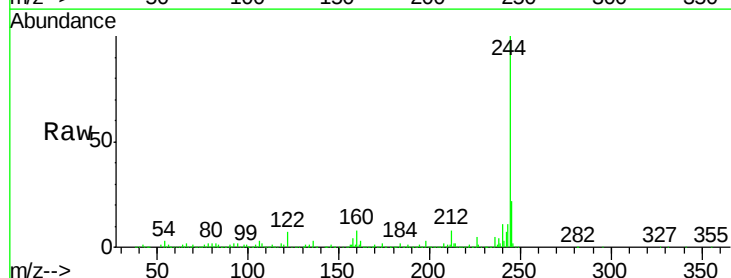
Tgt Ion:244 Resp: 1417361

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

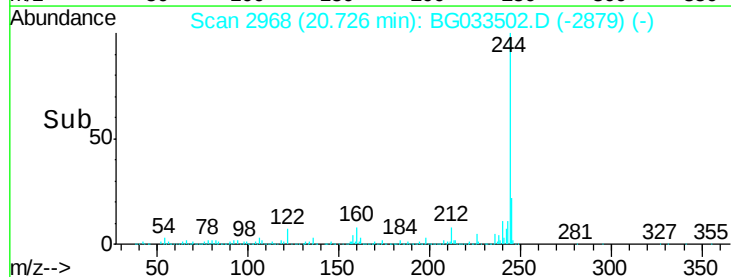
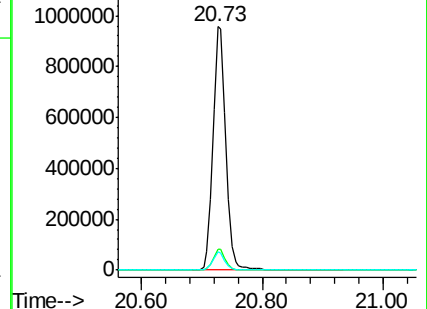
122 7.4 7.0 10.4



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

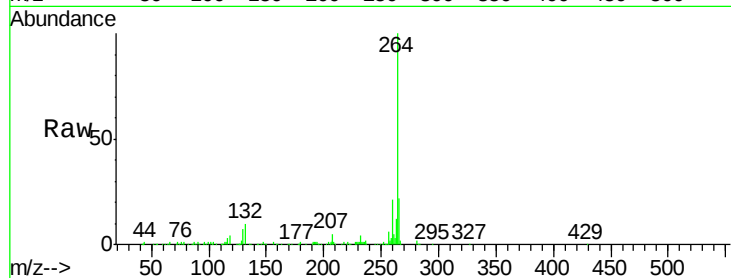




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.31 min Scan# 3919
 Delta R.T. -0.02 min
 Lab File: BG033502.D
 Acq: 3 Apr 2018 00:23

Instrument :
 BNA_G
 ClientSampleId :
 032718-SIDI-E-D-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.0	17.4	26.0
265	21.6	17.7	26.5



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

