

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040418\
 Data File : BG033565.D
 Acq On : 4 Apr 2018 18:21
 Operator : SJ/JU
 Sample : J2177-14
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 032818-SIDI-E-D-S

Quant Time: Apr 05 03:34:33 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:35:46 2018
 Response via : Initial Calibration

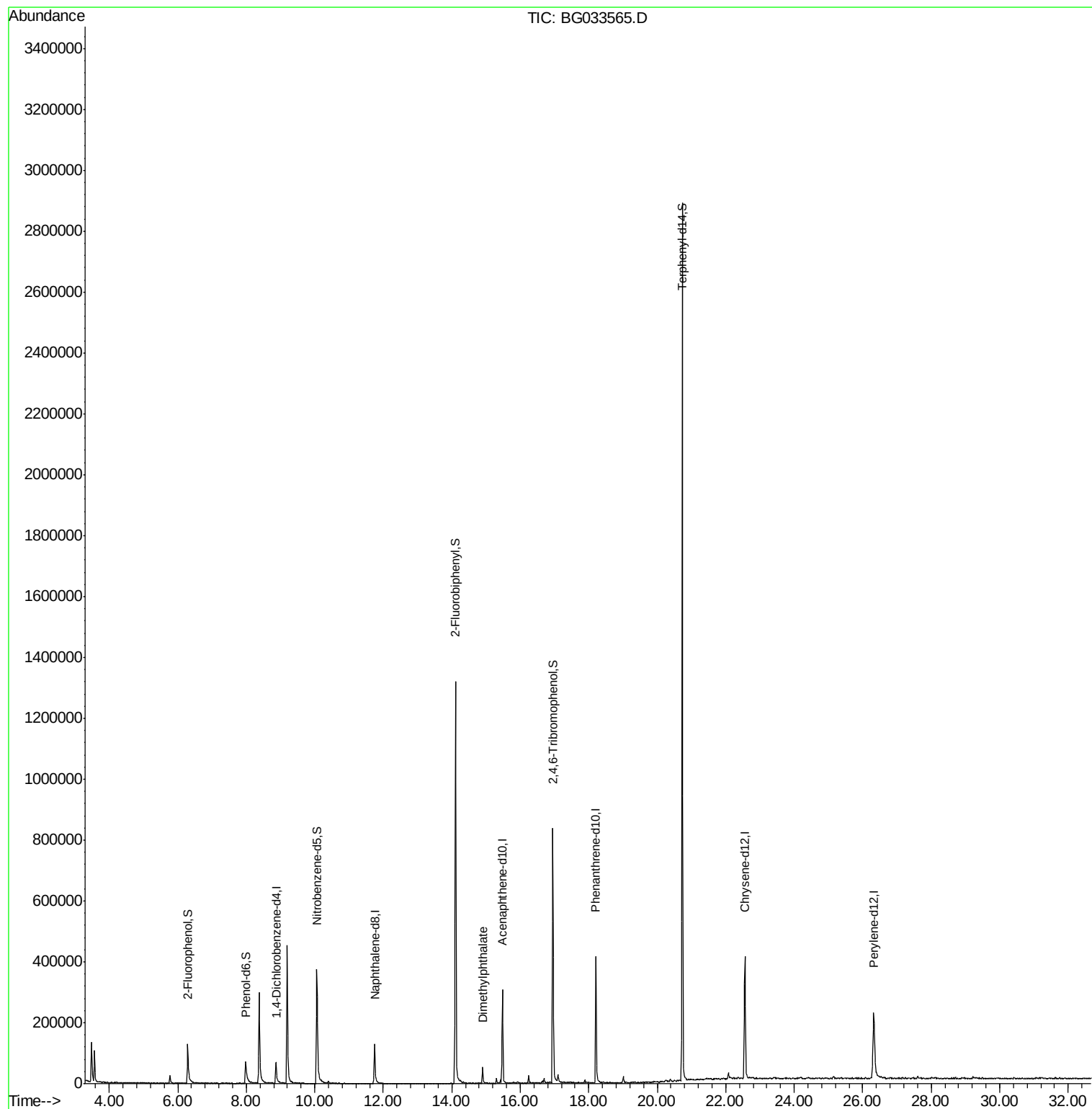
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	28470	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	130823	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	112028	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	308891	20.00	ng	0.00
75) Chrysene-d12	22.56	240	315784	20.00	ng	0.00
86) Perylene-d12	26.32	264	315804	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	72953	48.05	ng	0.00
7) Phenol-d6	7.98	99	60988	23.38	ng	0.00
23) Nitrobenzene-d5	10.06	82	300583	105.56	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	170095	101.52	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	786142	101.31	ng	0.00
78) Terphenyl-d14	20.73	244	1429724	96.83	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.90	163	35738	3.666	ng	Qvalue # 96

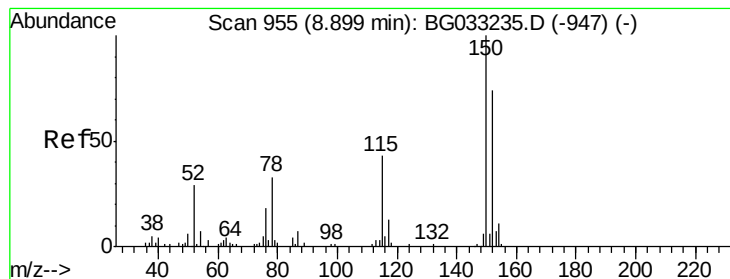
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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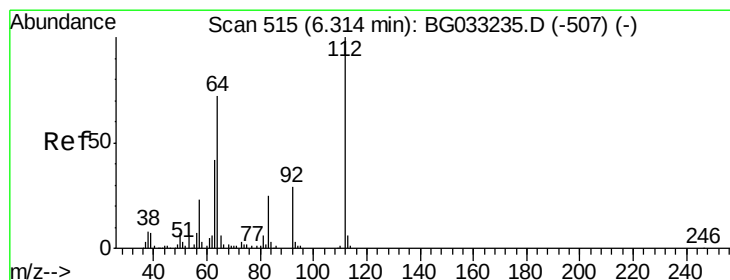
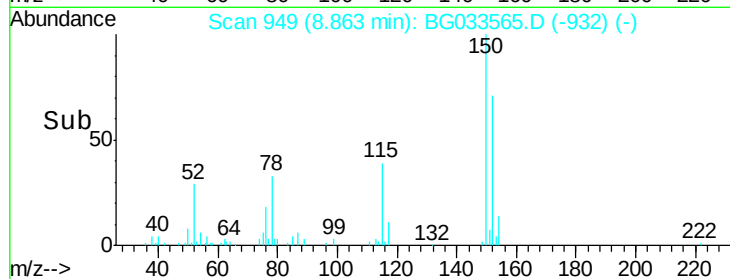
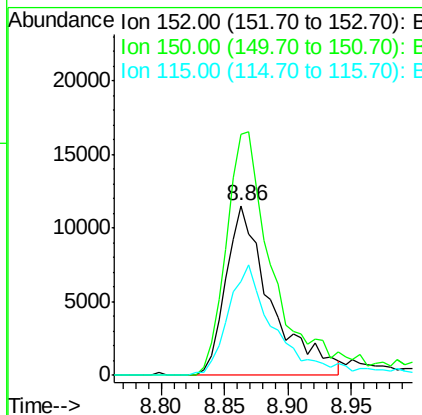
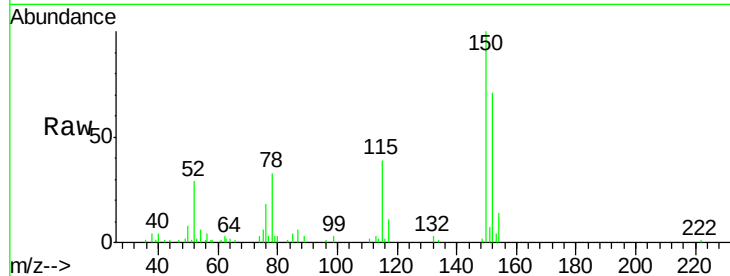


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG033565.D
Acq: 4 Apr 2018 18:21

Instrument :
BNA_G
ClientSampleId :
032818-SIDI-E-D-S

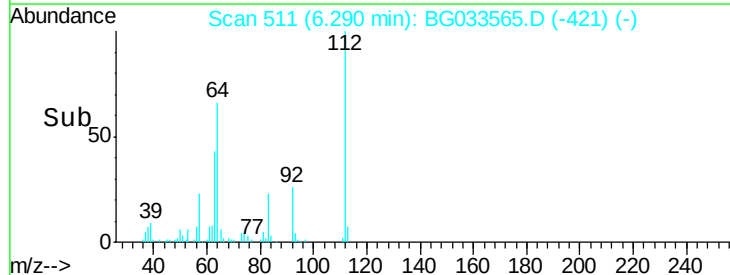
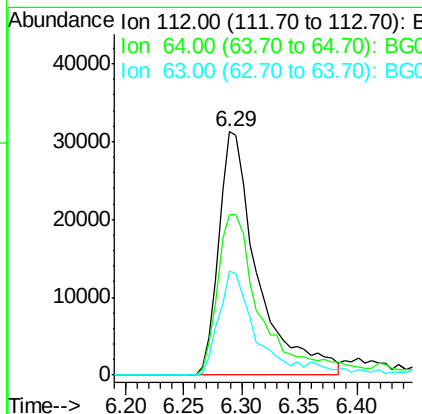
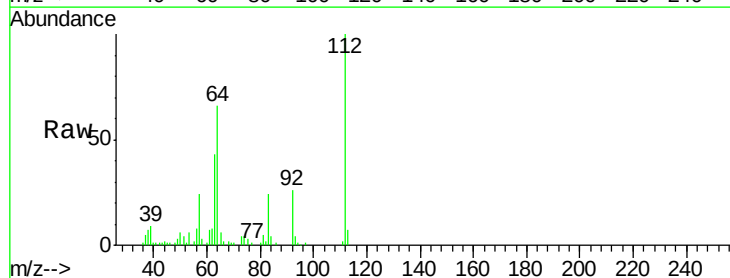
Tot Ion	152	Resp	28470
Ion Ratio	Lower	Upper	
152	100		
150	141.8	126.6	189.8
115	55.1	53.0	79.4

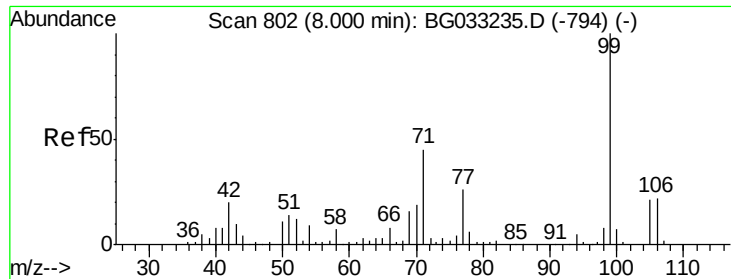


#5

2-Fluorophenol
Concen: 48.049 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.00 min
Lab File: BG033565.D
Acq: 4 Apr 2018 18:21

Tgt Ion	112	Resp	72953
Ion Ratio	Lower	Upper	
112	100		
64	65.8	56.3	84.5
63	42.8	30.1	45.1





#7

Phenol-d6

Concen: 23.378 ng

RT: 7.98 min Scan# 799

Delta R.T. 0.00 min

Lab File: BG033565.D

Acq: 4 Apr 2018 18:21

Instrument :

BNA_G

ClientSampleId :

032818-SIDI-E-D-S

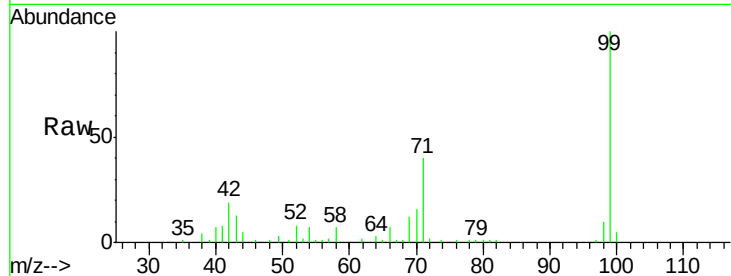
Tot Ion: 99 Resp: 60988

Ion Ratio Lower Upper

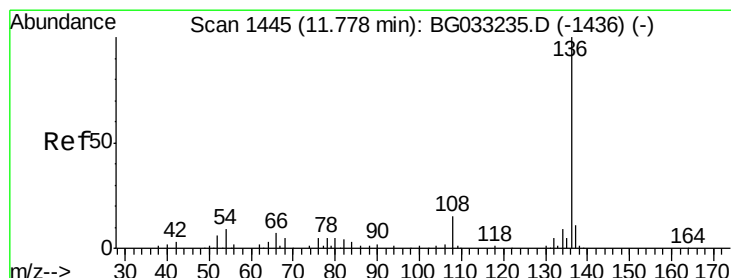
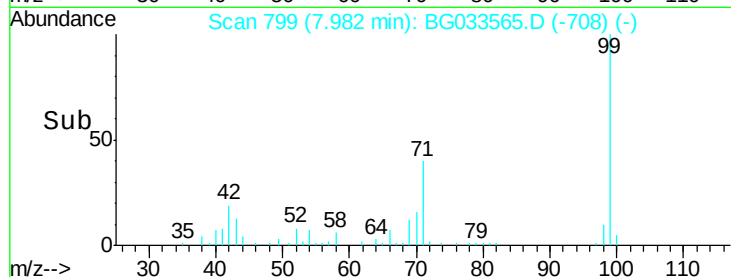
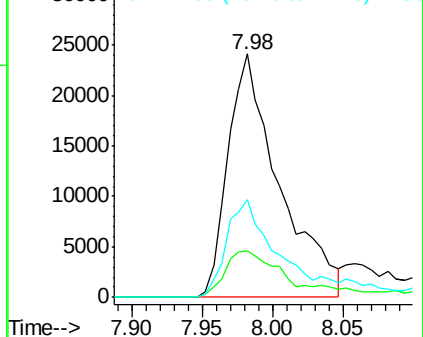
99 100

42 19.0 14.1 21.1

71 40.2 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: BG033565.D

Acq: 4 Apr 2018 18:21

Tgt Ion: 136 Resp: 130823

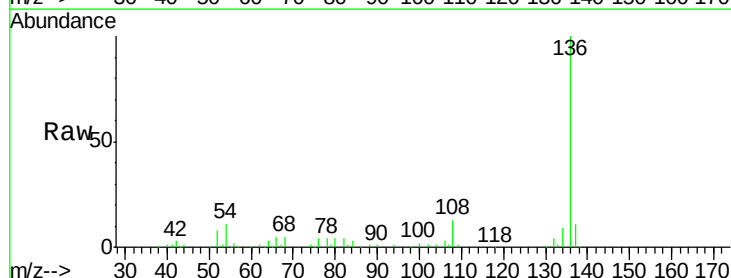
Ion Ratio Lower Upper

136 100

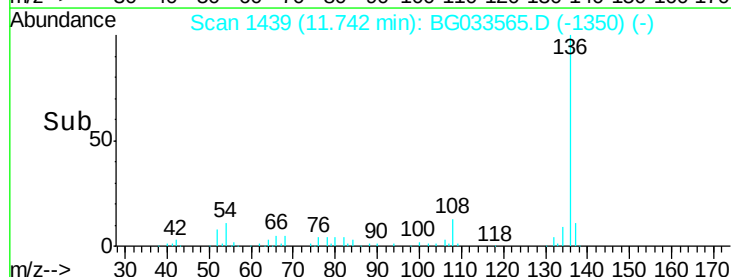
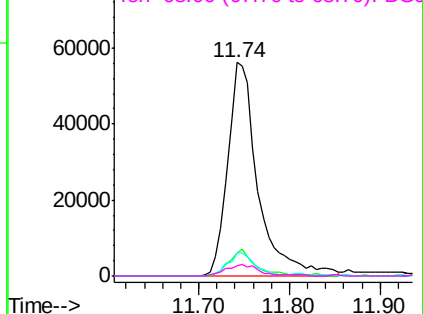
137 10.8 9.2 13.8

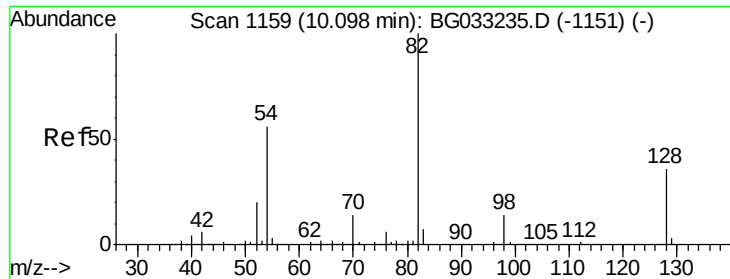
54 10.8 10.3 15.5

68 5.0 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: 105.563 ng

RT: 10.06 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BG033565.D

Acq: 4 Apr 2018 18:21

Instrument :

BNA_G

ClientSampleId :

032818-SIDI-E-D-S

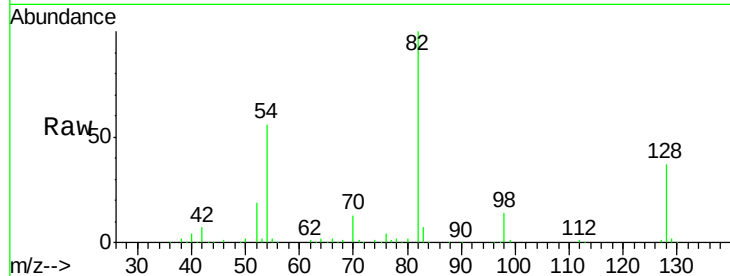
Tot Ion: 82 Resp: 300583

Ion Ratio Lower Upper

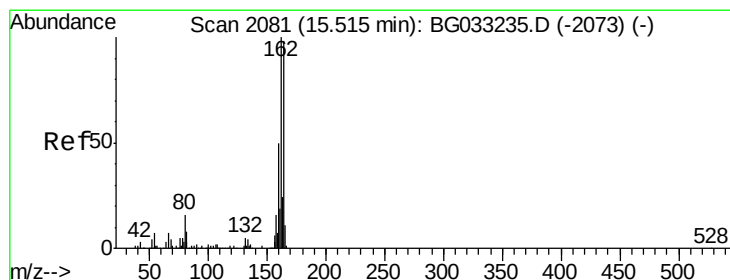
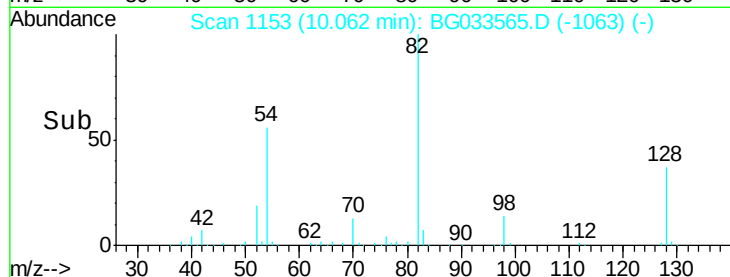
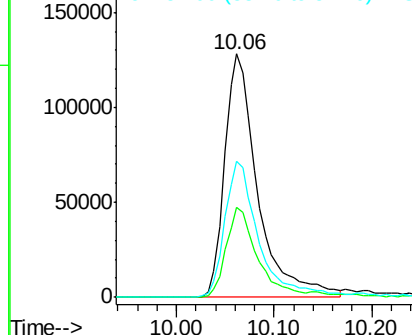
82 100

128 37.1 29.7 44.5

54 55.8 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. -0.01 min

Lab File: BG033565.D

Acq: 4 Apr 2018 18:21

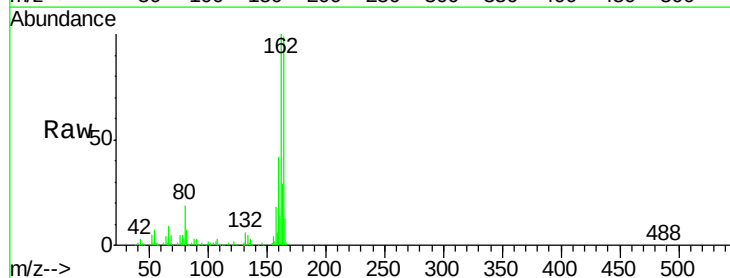
Tgt Ion:164 Resp: 112028

Ion Ratio Lower Upper

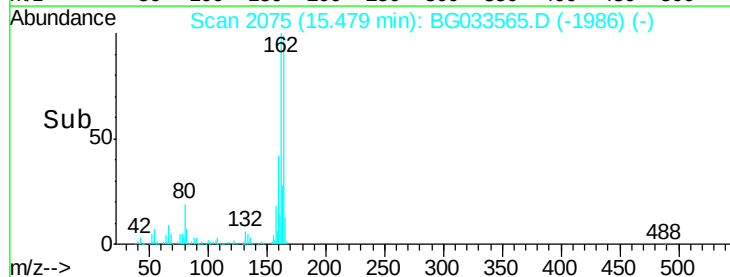
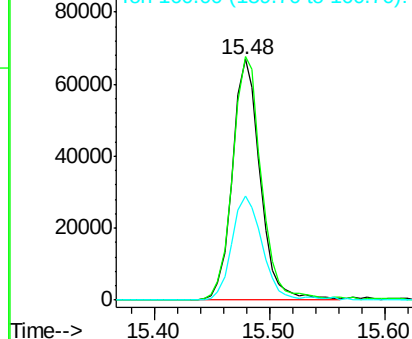
164 100

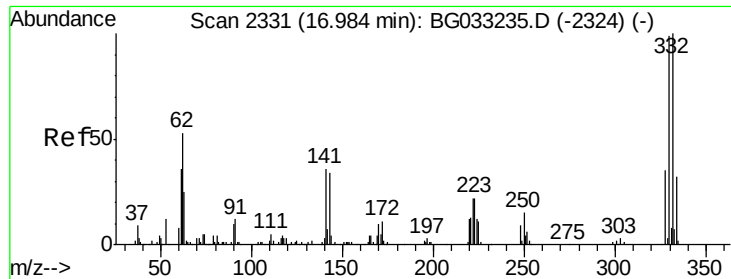
162 101.1 78.8 118.2

160 42.9 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

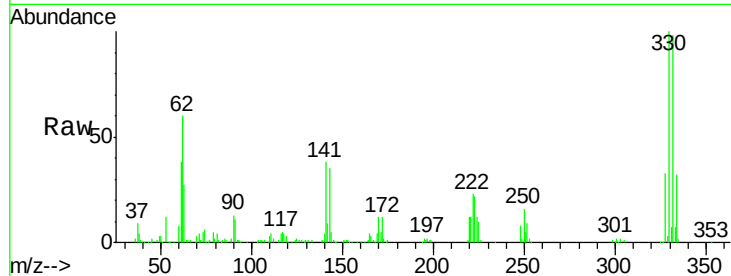




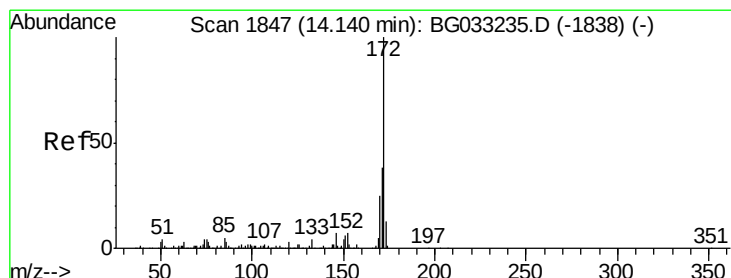
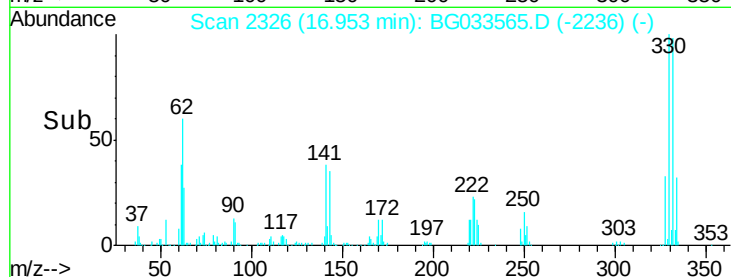
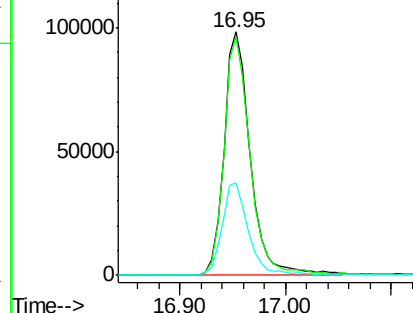
#41
 2,4,6-Tribromophenol
 Concen: 101.518 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033565.D
 Acq: 4 Apr 2018 18:21

Instrument :
 BNA_G
 ClientSampleId :
 032818-SIDI-E-D-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.0	115.6
141	38.7	25.2	37.8#

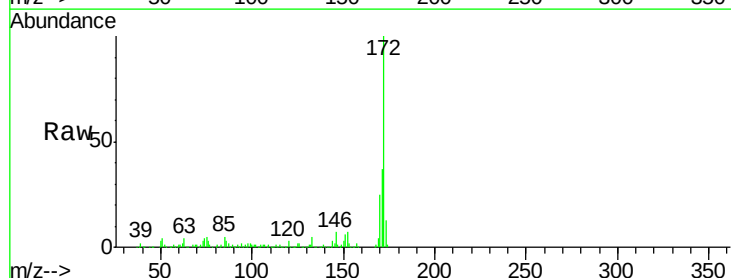


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

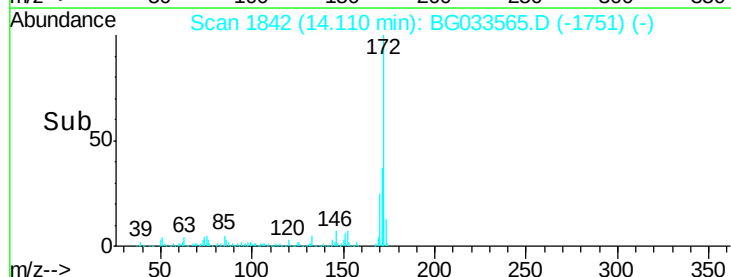
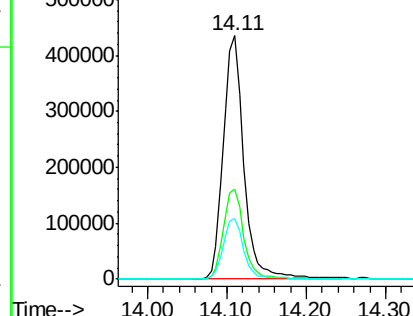


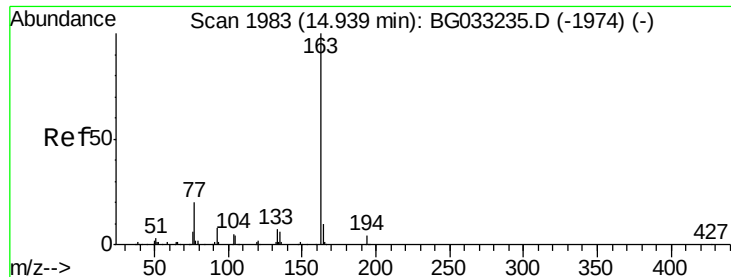
#44
 2-Fluorobiphenyl
 Concen: 101.305 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BG033565.D
 Acq: 4 Apr 2018 18:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	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: 3.666 ng

RT: 14.90 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BG033565.D

Acq: 4 Apr 2018 18:21

Instrument :

BNA_G

ClientSampleId :

032818-SIDI-E-D-S

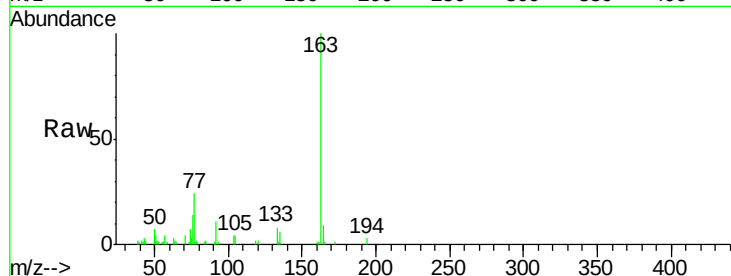
Tot Ion:163 Resp: 35738

Ion Ratio Lower Upper

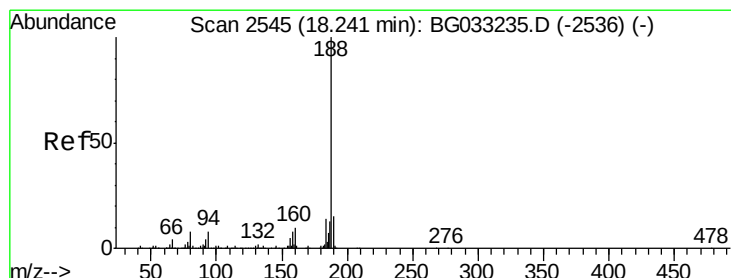
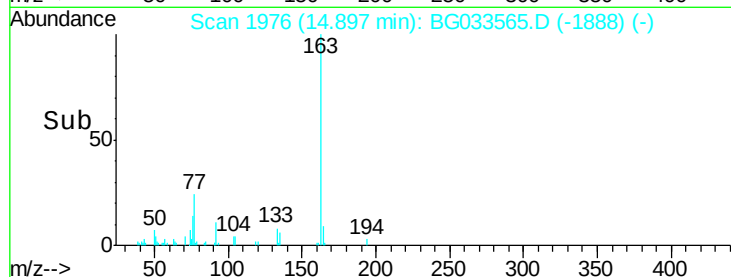
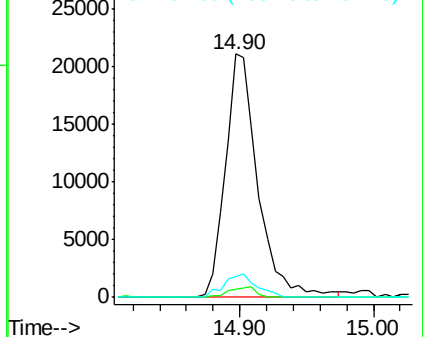
163 100

194 3.1 3.4 5.2#

164 8.7 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: BG033565.D

Acq: 4 Apr 2018 18:21

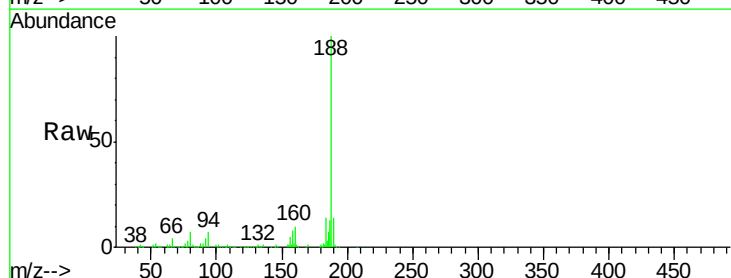
Tgt Ion:188 Resp: 308891

Ion Ratio Lower Upper

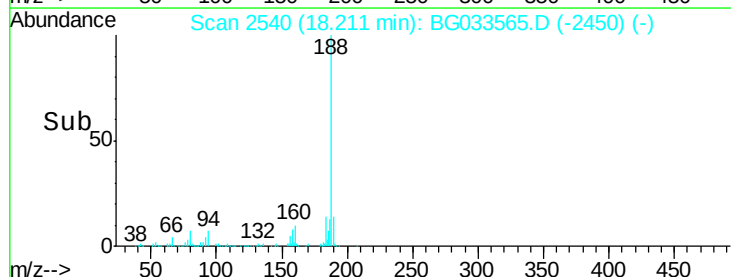
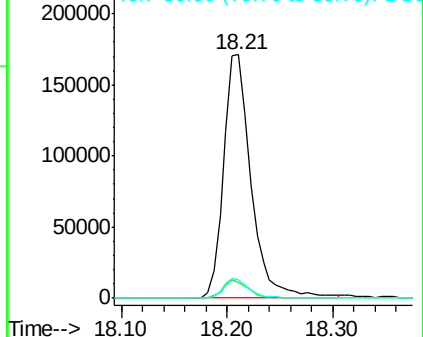
188 100

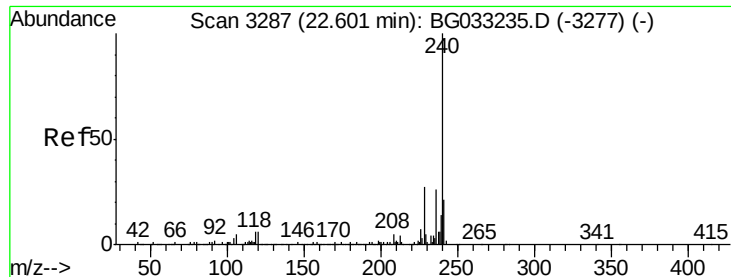
94 6.7 6.9 10.3#

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. -0.00 min

Lab File: BG033565.D

Acq: 4 Apr 2018 18:21

Instrument :

BNA_G

ClientSampleId :

032818-SIDI-E-D-S

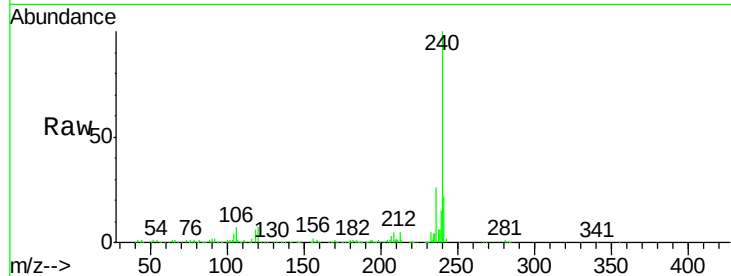
Tot Ion:240 Resp: 315784

Ion Ratio Lower Upper

240 100

120 6.7 6.8 10.2#

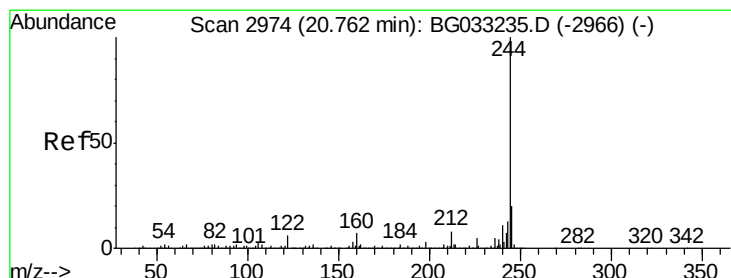
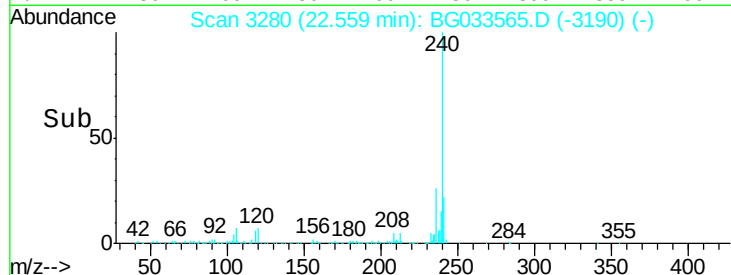
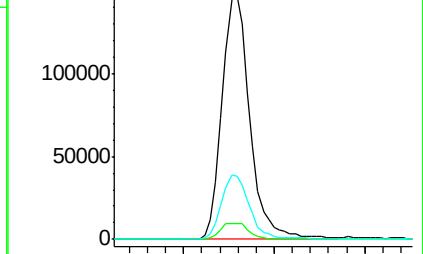
236 25.7 20.9 31.3



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: 96.826 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033565.D

Acq: 4 Apr 2018 18:21

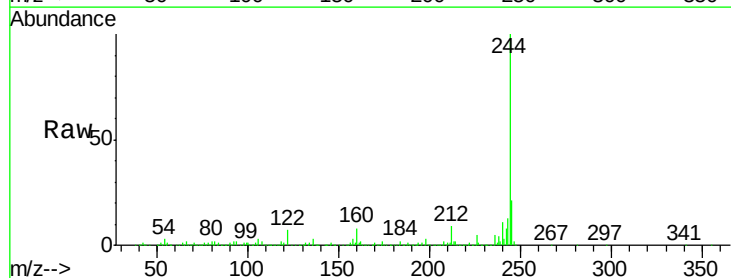
Tgt Ion:244 Resp: 1429724

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

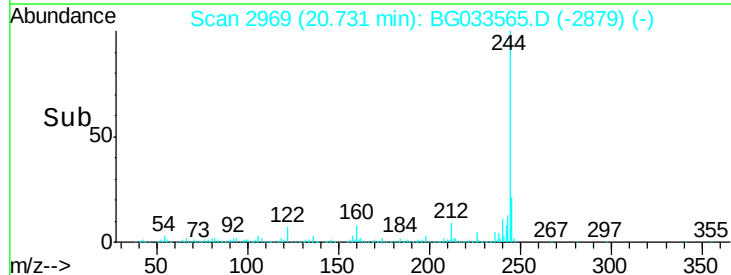
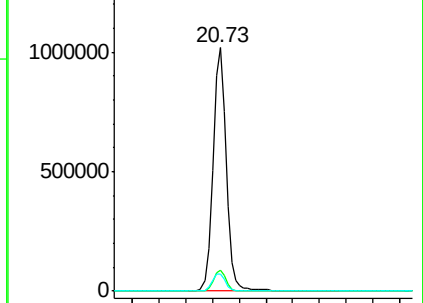
122 7.2 7.0 10.4

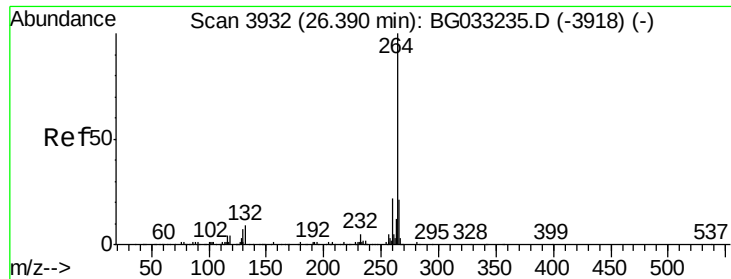


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.32 min Scan# 3920
 Delta R.T. -0.00 min
 Lab File: BG033565.D
 Acq: 4 Apr 2018 18:21

Instrument :
 BNA_G
 ClientSampleId :
 032818-SIDI-E-D-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.0
265	21.5	17.7	26.5

