

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG040218\
 Data File : BG033500.D
 Acq On : 2 Apr 2018 23:08
 Operator : SJ/JU
 Sample : J2114-11
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Apr 03 04:59:44 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	31495	20.00	ng	-0.02
21) Naphthalene-d8	11.74	136	143564	20.00	ng	-0.01
38) Acenaphthene-d10	15.48	164	121981	20.00	ng	-0.01
63) Phenanthrene-d10	18.21	188	334218	20.00	ng	0.00
75) Chrysene-d12	22.56	240	335705	20.00	ng	0.00
86) Perylene-d12	26.32	264	363631	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	90019	53.59	ng	0.00
7) Phenol-d6	7.98	99	98047	33.97	ng	0.00
23) Nitrobenzene-d5	10.06	82	319958	102.39	ng	-0.01
41) 2,4,6-Tribromophenol	16.96	330	175226	96.05	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	811826	96.08	ng	0.00
78) Terphenyl-d14	20.73	244	1501327	95.64	ng	0.00

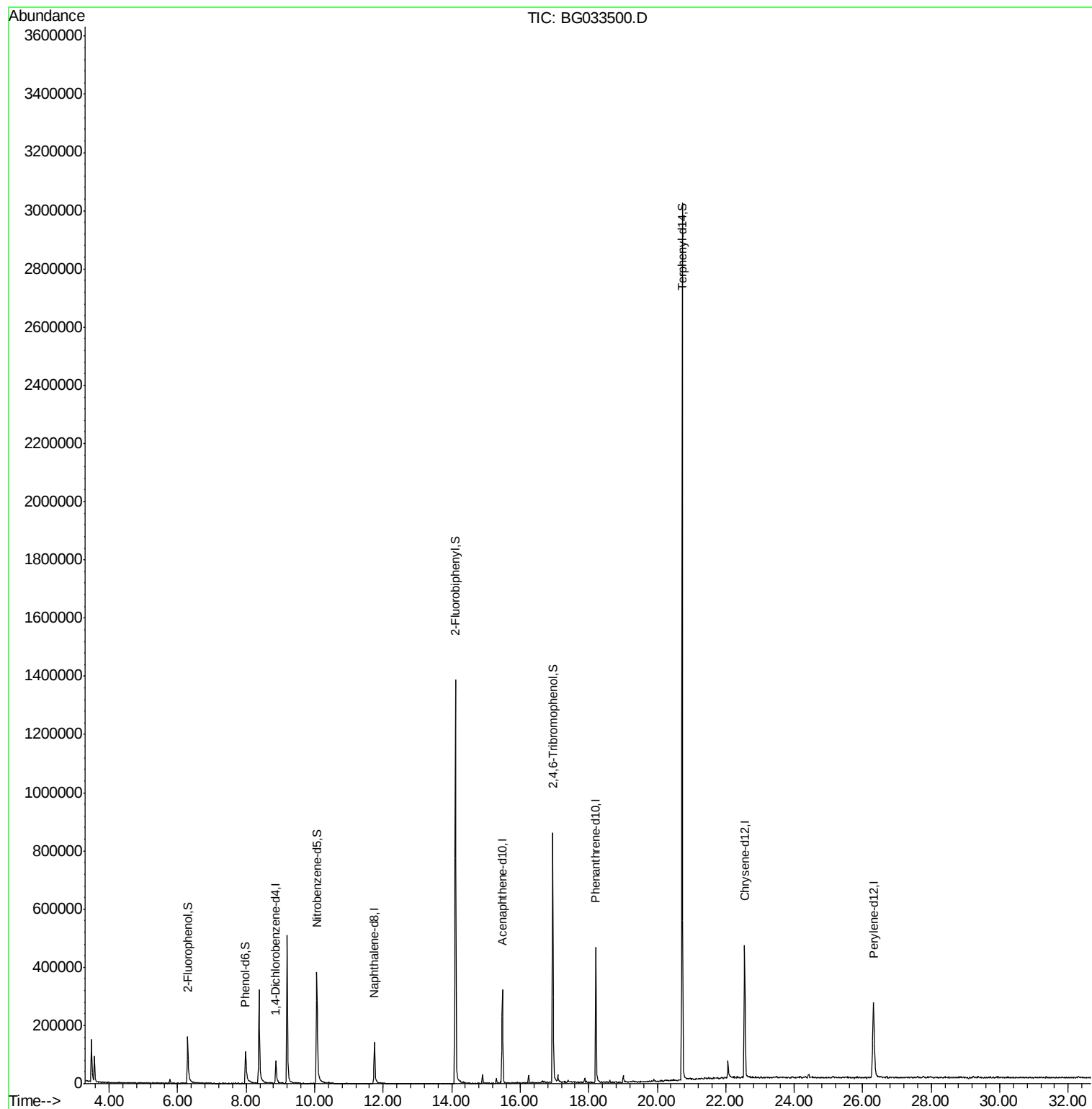
Target Compounds Qvalue

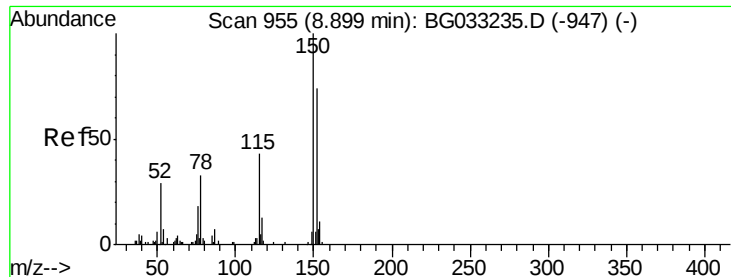
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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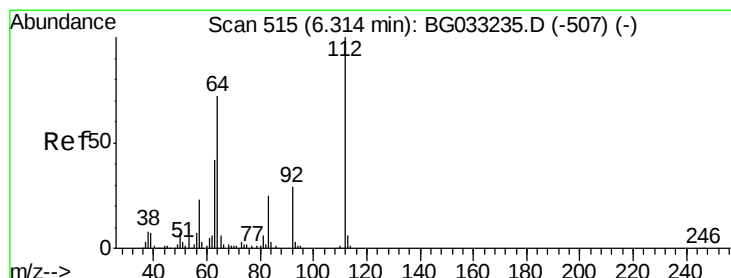
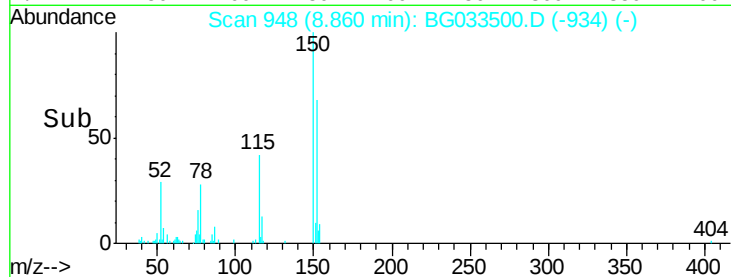
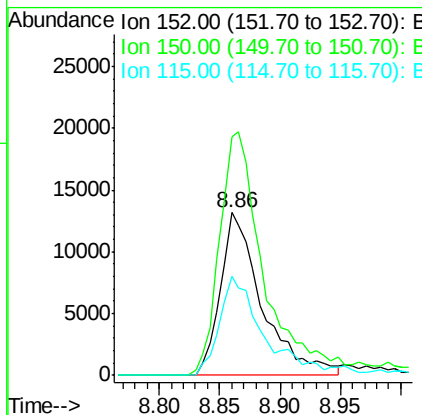
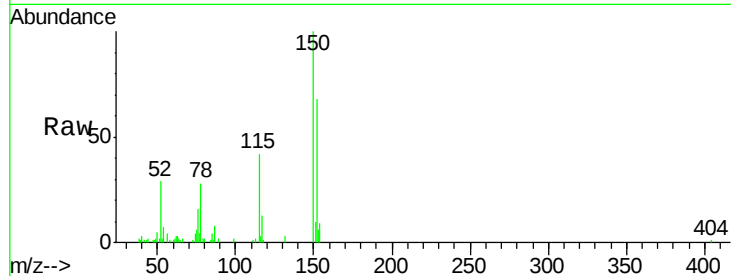


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.02 min
Lab File: BG033500.D
Acq: 2 Apr 2018 23:08

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

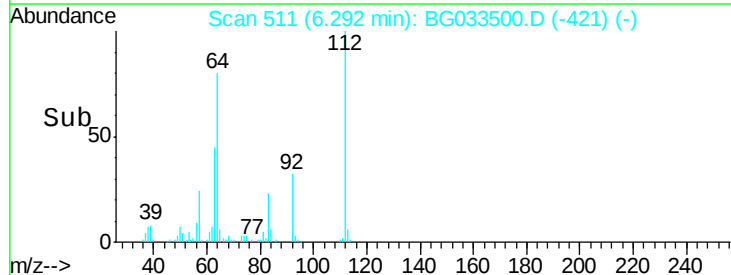
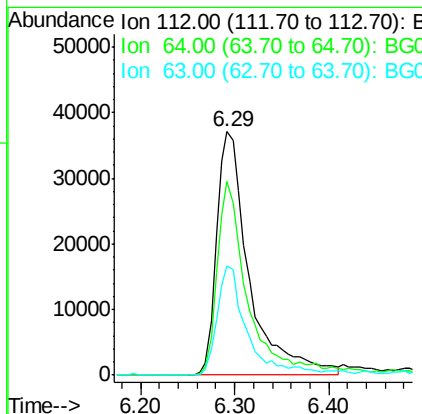
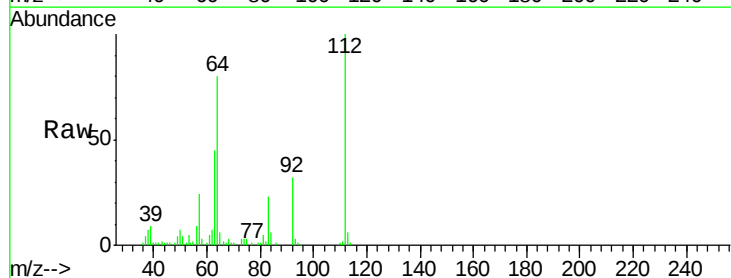
Tot Ion	Ratio	Lower	Upper
152	100		
150	146.2	126.6	189.8
115	60.8	53.0	79.4

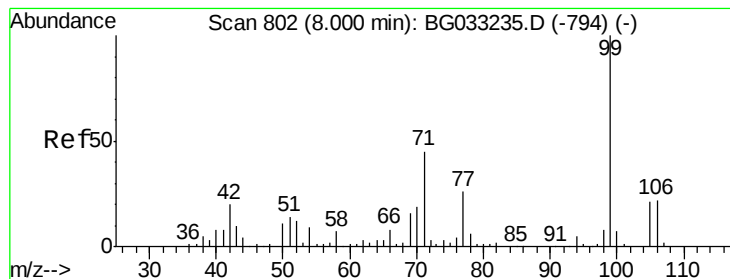


#5

2-Fluorophenol
Concen: 53.595 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.00 min
Lab File: BG033500.D
Acq: 2 Apr 2018 23:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	79.8	56.3	84.5
63	44.9	30.1	45.1





#7

Phenol-d6

Concen: 33.974 ng

RT: 7.98 min Scan# 798

Delta R.T. -0.00 min

Lab File: BG033500.D

Acq: 2 Apr 2018 23:08

Instrument :

BNA_G

ClientSampleId :

032718-SIDI-E-D-B

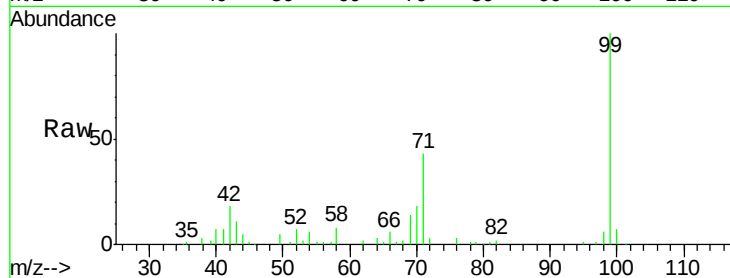
Tot Ion: 99 Resp: 98047

Ion Ratio Lower Upper

99 100

42 18.1 14.1 21.1

71 43.2 26.1 39.1#

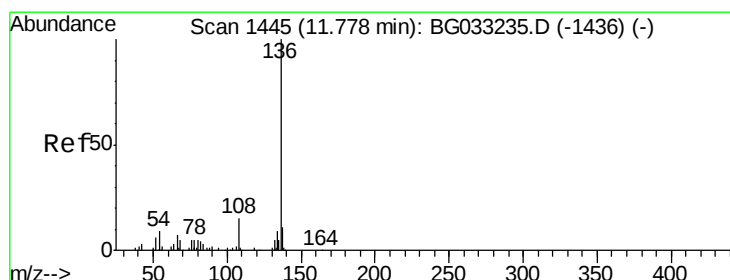
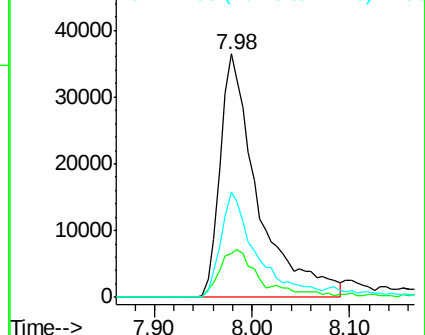
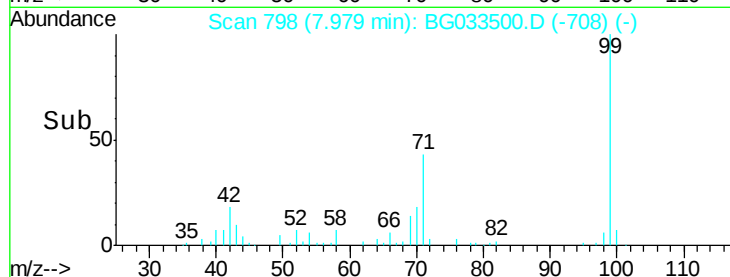


Abundance

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: BG033500.D

Acq: 2 Apr 2018 23:08

Tgt Ion: 136 Resp: 143564

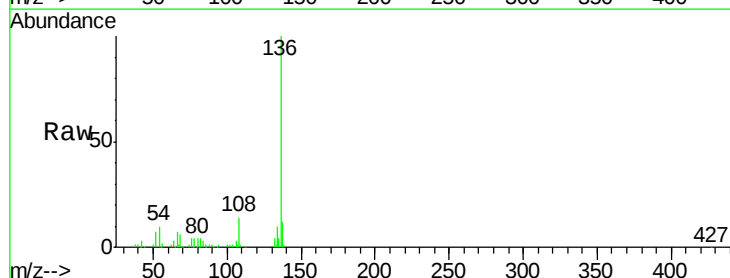
Ion Ratio Lower Upper

136 100

137 12.4 9.2 13.8

54 10.3 10.3 15.5#

68 5.9 4.5 6.7



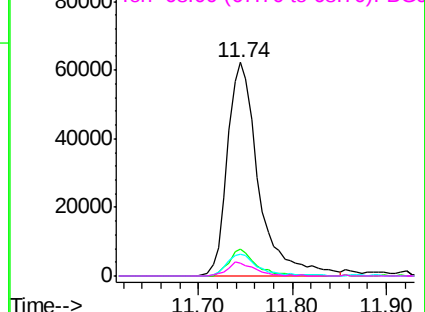
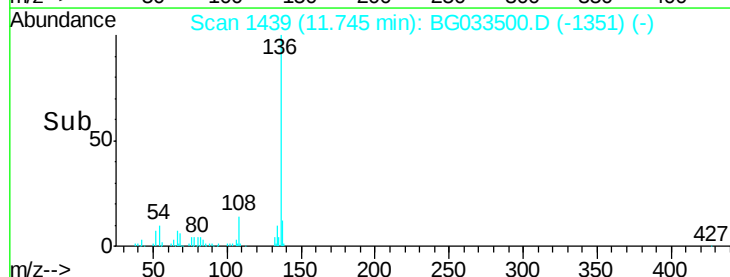
Abundance

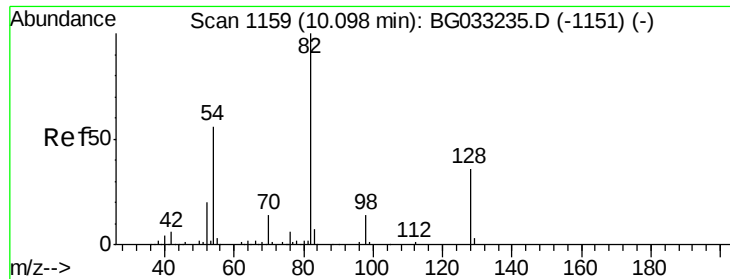
Ion 136.00 (135.70 to 136.70): BGC

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

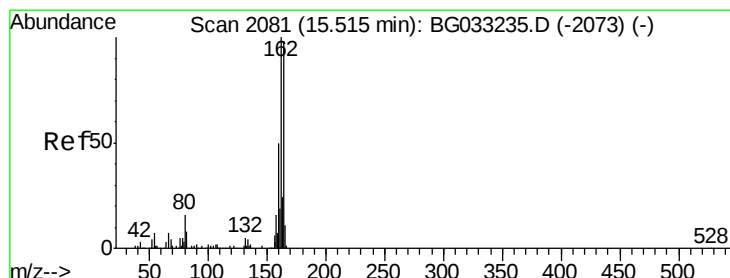
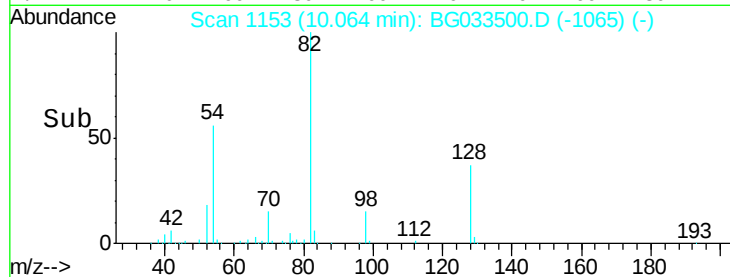
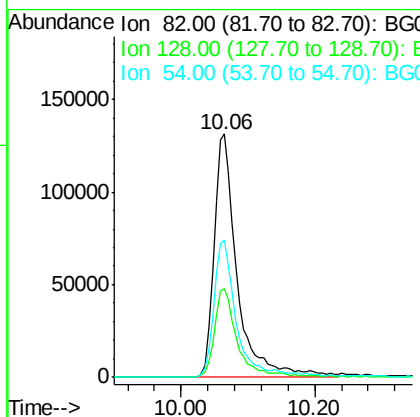
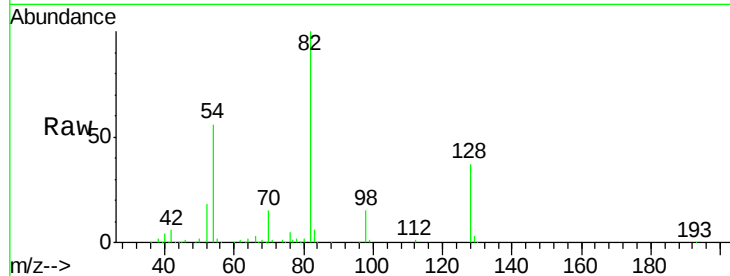




#23
 Nitrobenzene-d5
 Concen: 102.395 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BG033500.D
 Acq: 2 Apr 2018 23:08

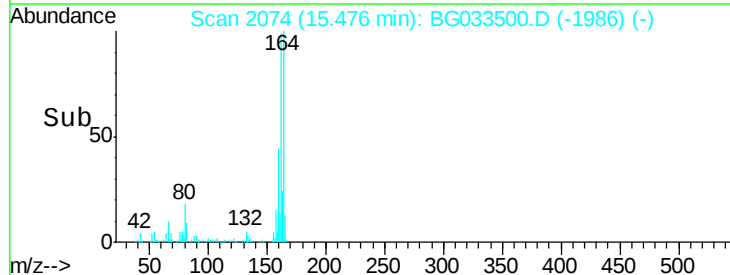
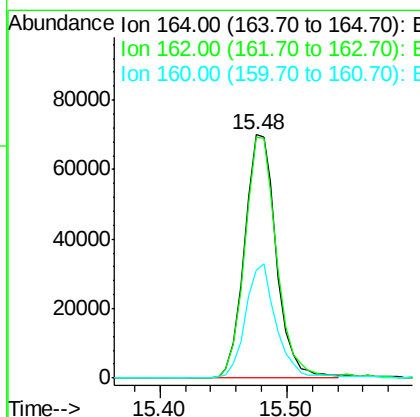
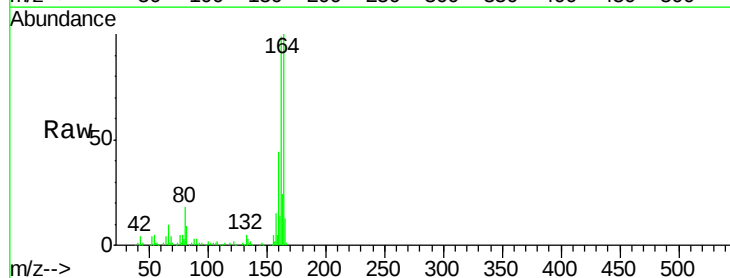
Instrument :
 BNA_G
 ClientSampleId :
 032718-SIDI-E-D-B

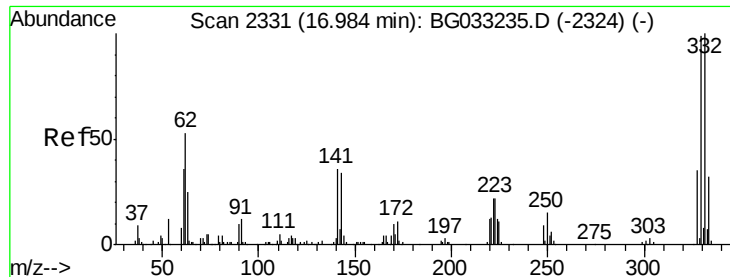
Tot Ion: 82 Resp: 319958
 Ion Ratio Lower Upper
 82 100
 128 36.6 29.7 44.5
 54 56.3 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2074
 Delta R.T. -0.01 min
 Lab File: BG033500.D
 Acq: 2 Apr 2018 23:08

Tgt Ion: 164 Resp: 121981
 Ion Ratio Lower Upper
 164 100
 162 99.0 78.8 118.2
 160 44.2 35.4 53.0

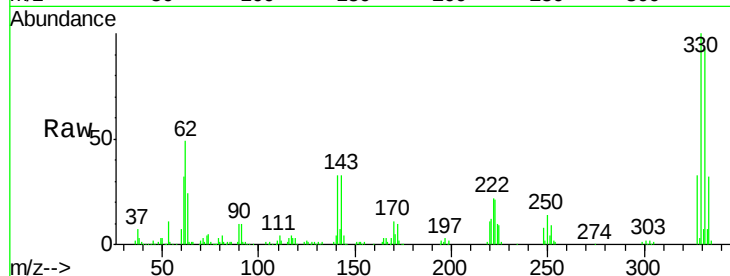




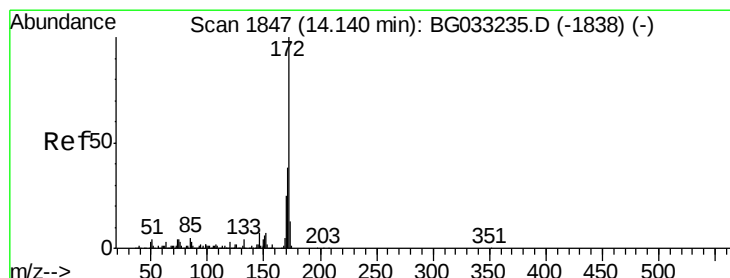
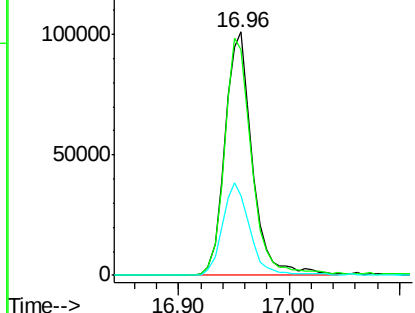
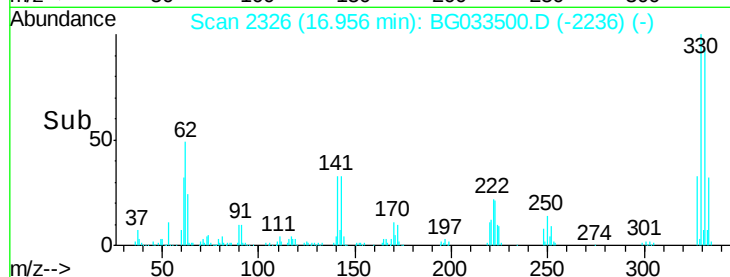
#41
 2,4,6-Tribromophenol
 Concen: 96.048 ng
 RT: 16.96 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033500.D
 Acq: 2 Apr 2018 23:08

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	37.7	25.2	37.8

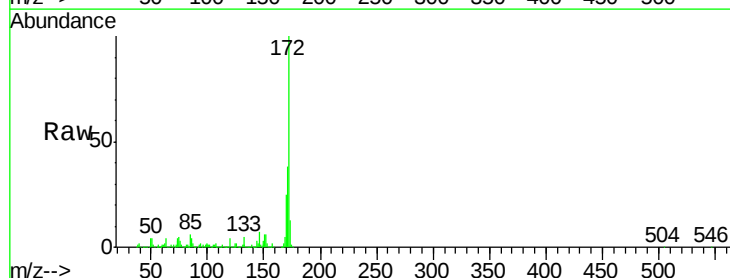


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

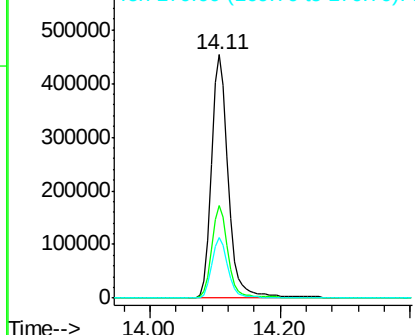
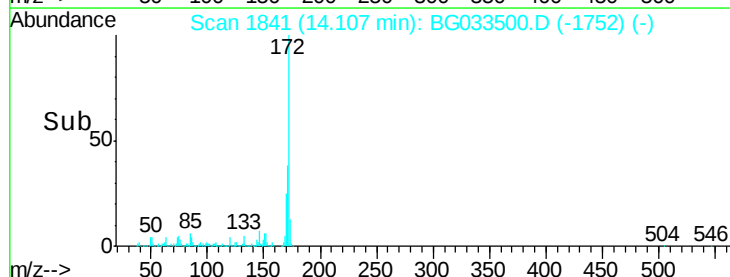


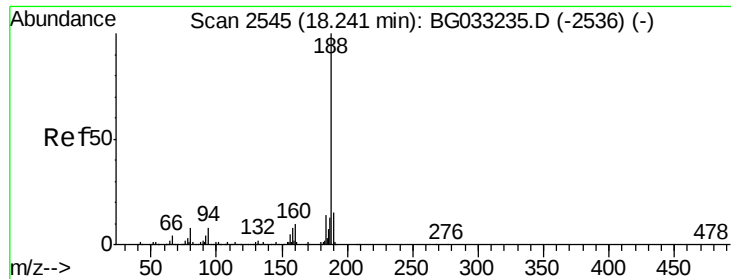
#44
 2-Fluorobiphenyl
 Concen: 96.079 ng
 RT: 14.11 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BG033500.D
 Acq: 2 Apr 2018 23:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.0	45.0
170	25.0	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

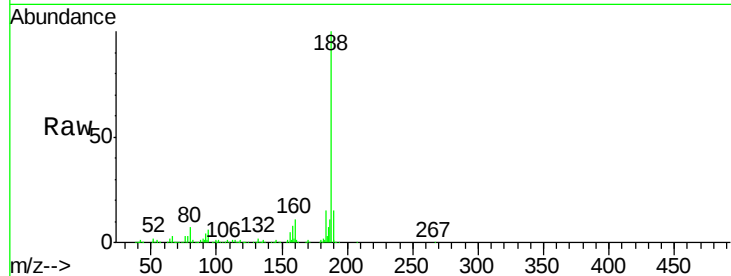




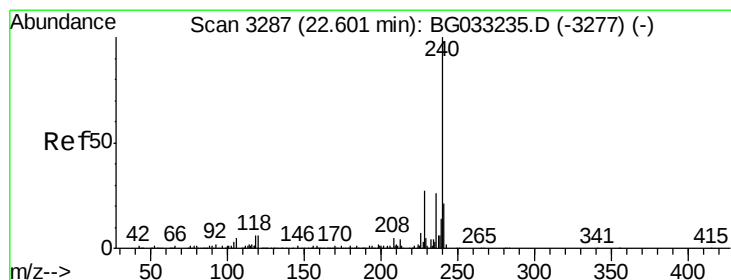
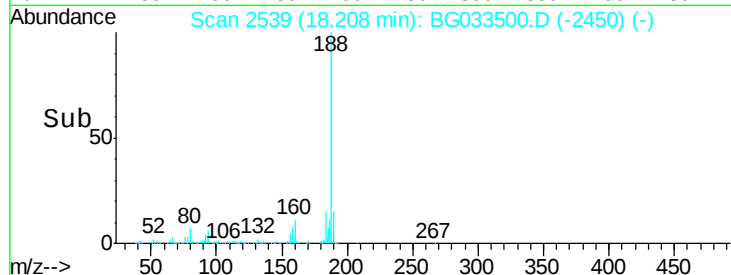
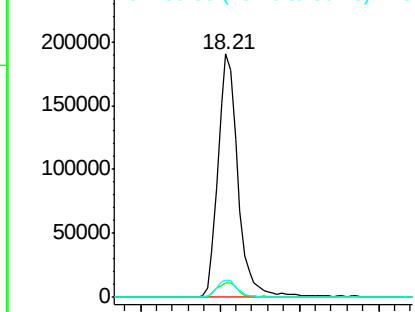
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2539
Delta R.T. -0.01 min
Lab File: BG033500.D
Acq: 2 Apr 2018 23:08

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

Tot Ion:188 Resp: 334218
Ion Ratio Lower Upper
188 100
94 6.1 6.9 10.3#
80 7.2 7.7 11.5#

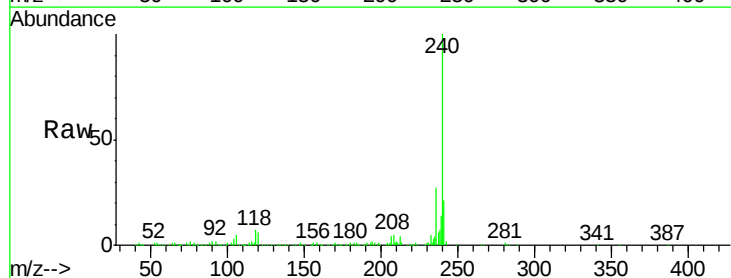


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

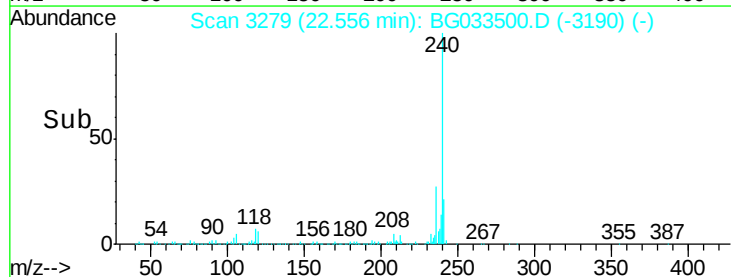
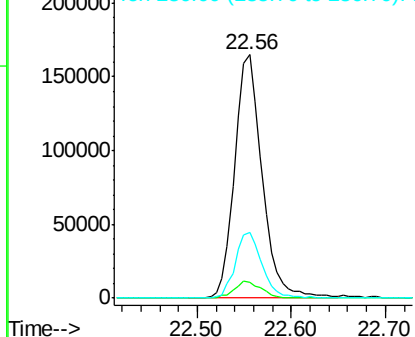


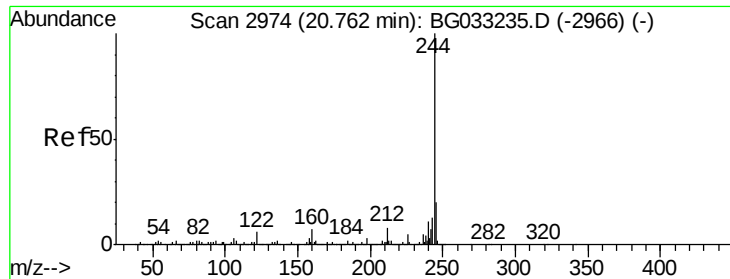
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3279
Delta R.T. -0.01 min
Lab File: BG033500.D
Acq: 2 Apr 2018 23:08

Tgt Ion:240 Resp: 335705
Ion Ratio Lower Upper
240 100
120 6.4 6.8 10.2#
236 27.2 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: 95.642 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.01 min

Lab File: BG033500.D

Acq: 2 Apr 2018 23:08

Instrument :

BNA_G

ClientSampleId :

032718-SIDI-E-D-B

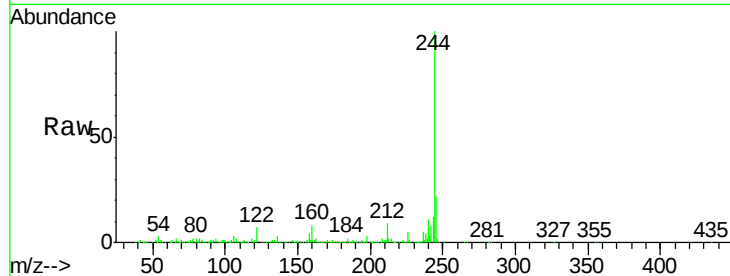
Tot Ion:244 Resp: 1501327

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

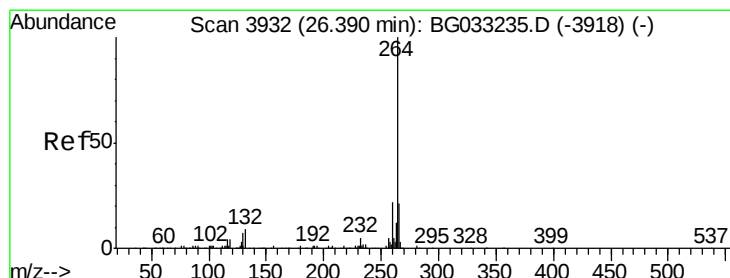
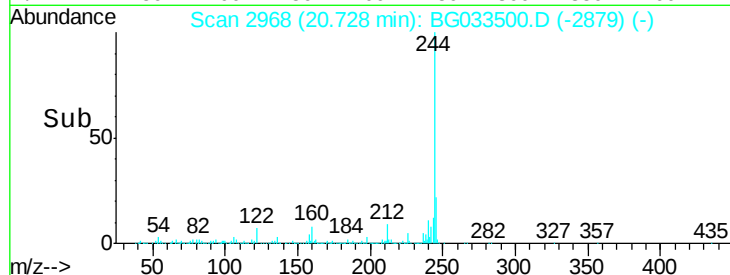
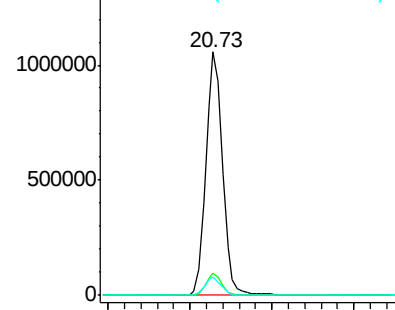
122 7.4 7.0 10.4



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

Perylene-d12

Concen: 20.000 ng

RT: 26.32 min Scan# 3920

Delta R.T. -0.01 min

Lab File: BG033500.D

Acq: 2 Apr 2018 23:08

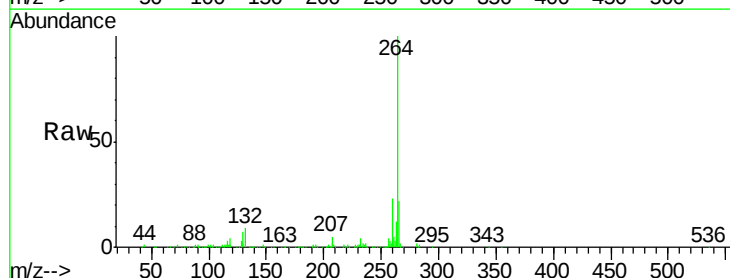
Tgt Ion:264 Resp: 363631

Ion Ratio Lower Upper

264 100

260 22.7 17.4 26.0

265 21.9 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

