

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040318\
 Data File : BG033525.D
 Acq On : 3 Apr 2018 14:43
 Operator : SJ/JU
 Sample : J2131-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 4529-33

Quant Time: Apr 03 18:44:38 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 03 14:50:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	33697	20.00	ng	0.00
21) Naphthalene-d8	11.75	136	142938	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	111033	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	308562	20.00	ng	0.00
75) Chrysene-d12	22.56	240	326260	20.00	ng	0.00
86) Perylene-d12	26.32	264	334110	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	291650	162.29	ng	0.00
7) Phenol-d6	7.98	99	407450	131.96	ng	0.00
23) Nitrobenzene-d5	10.06	82	310931	99.94	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	220881	133.01	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	765940	99.59	ng	0.00
78) Terphenyl-d14	20.73	244	1524440	99.93	ng	0.00

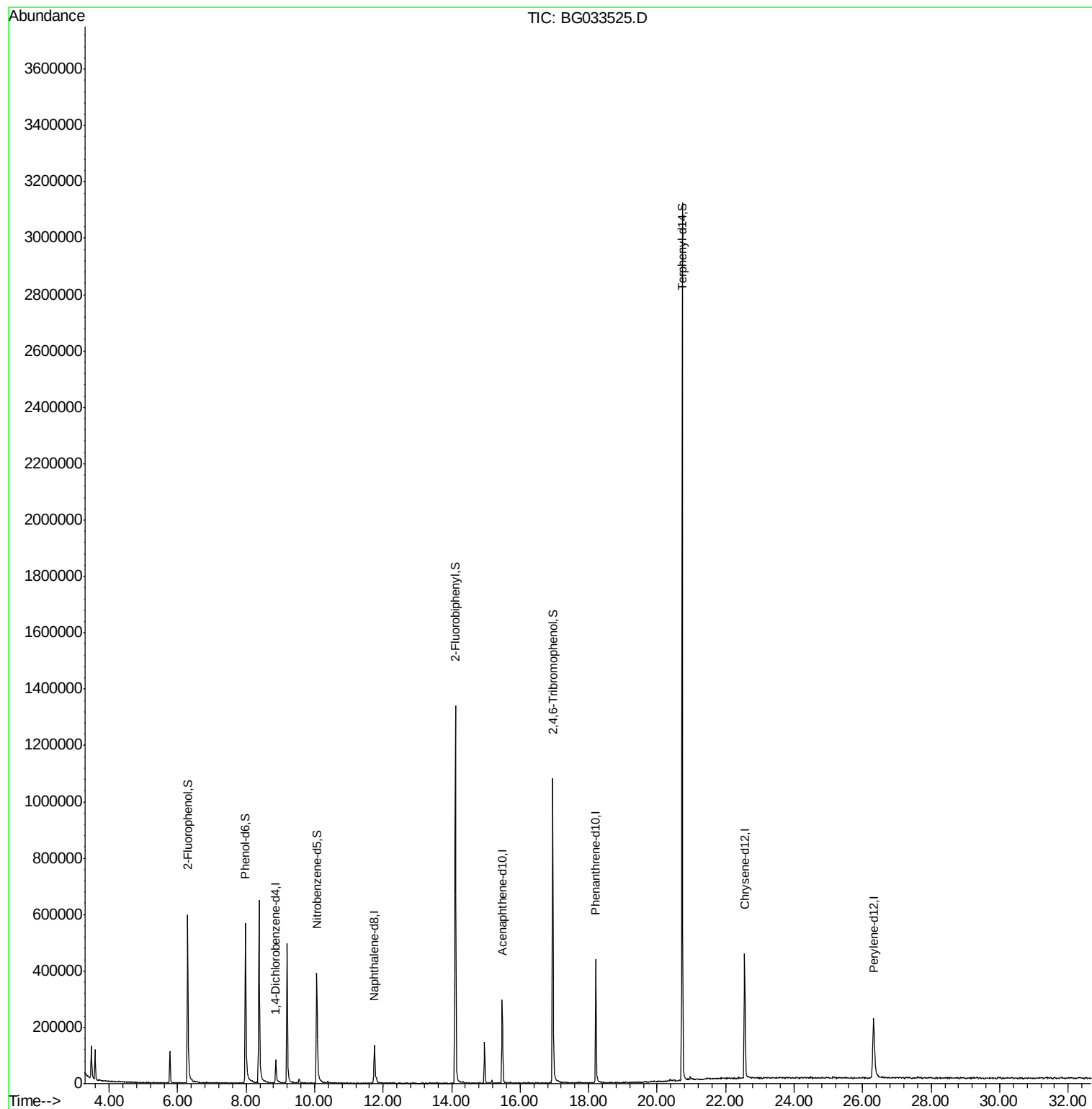
Target Compounds Qvalue

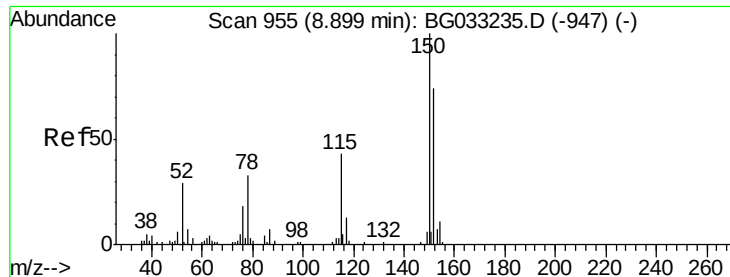
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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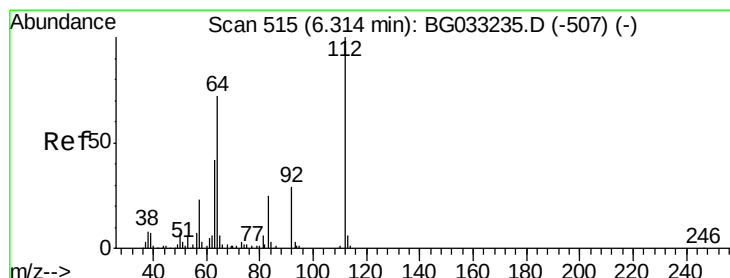
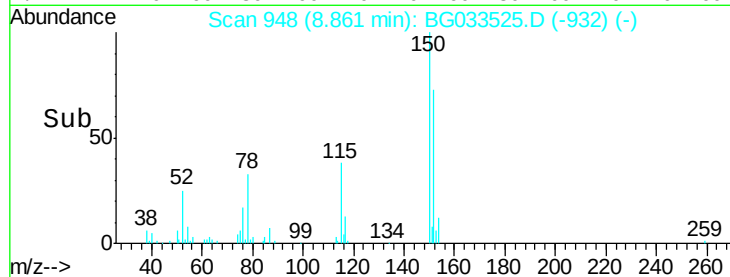
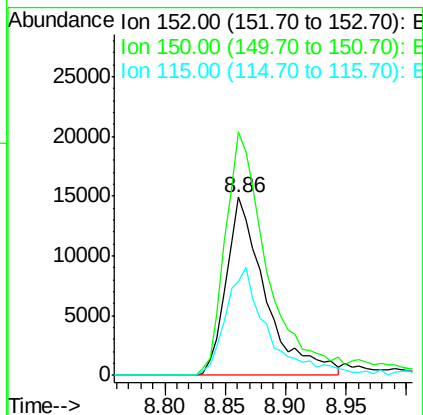
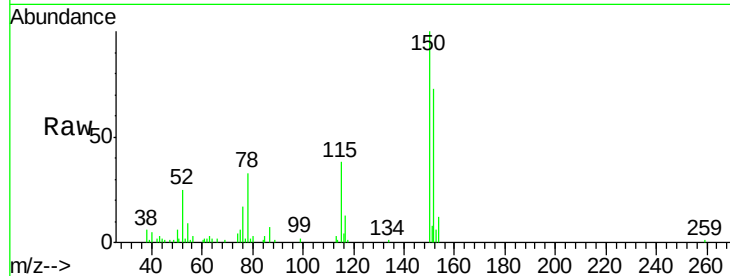


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.01 min
Lab File: BG033525.D
Acq: 3 Apr 2018 14:43

Instrument :
BNA_G
ClientSampleId :
4529-33

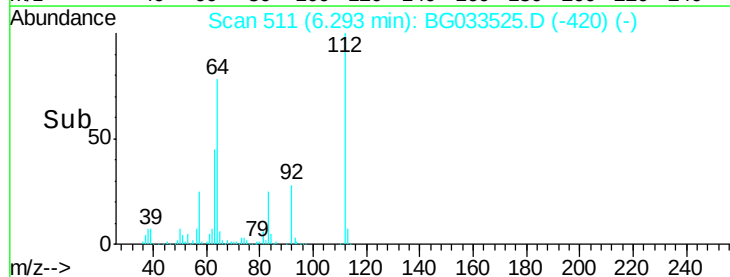
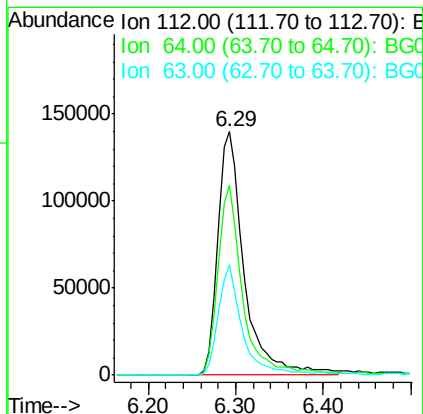
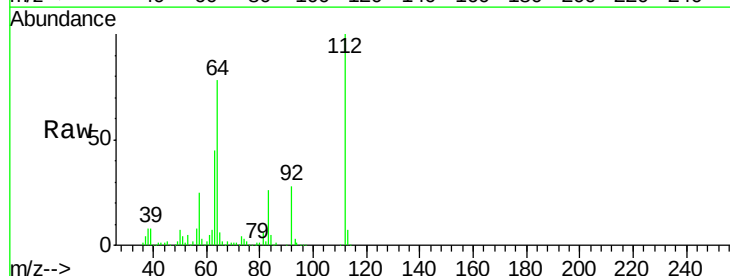
Tot Ion:152 Resp: 33697
Ion Ratio Lower Upper
152 100
150 136.8 126.6 189.8
115 52.6 53.0 79.4#

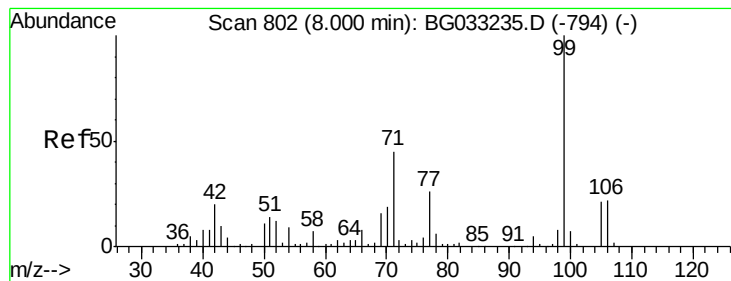


#5

2-Fluorophenol
Concen: 162.293 ng
RT: 6.29 min Scan# 511
Delta R.T. 0.00 min
Lab File: BG033525.D
Acq: 3 Apr 2018 14:43

Tgt Ion:112 Resp: 291650
Ion Ratio Lower Upper
112 100
64 78.1 56.3 84.5
63 45.1 30.1 45.1#





#7

Phenol-d6

Concen: 131.958 ng

RT: 7.98 min Scan# 798

Delta R.T. -0.00 min

Lab File: BG033525.D

Acq: 3 Apr 2018 14:43

Instrument :

BNA_G

ClientSampleId :

4529-33

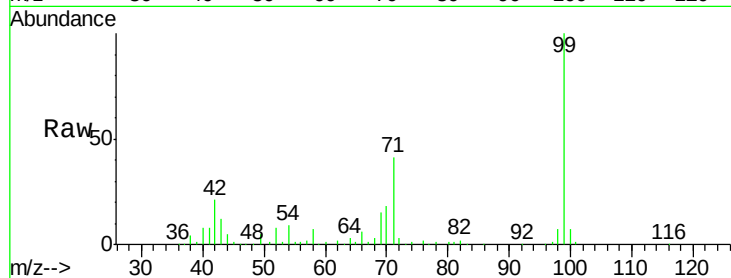
Tot Ion: 99 Resp: 407450

Ion Ratio Lower Upper

99 100

42 20.5 14.1 21.1

71 40.8 26.1 39.1#

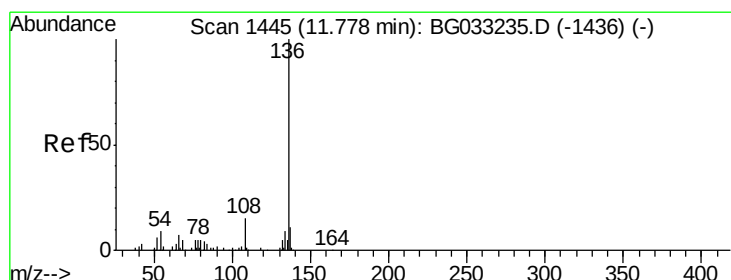
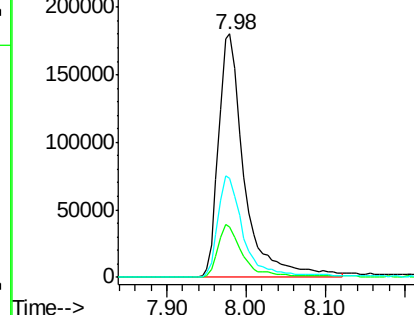
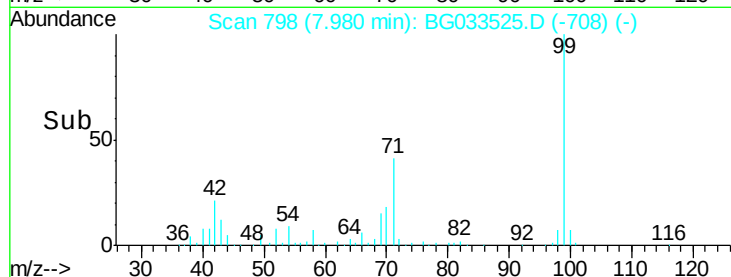


Abundance

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: 11.75 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BG033525.D

Acq: 3 Apr 2018 14:43

Tgt Ion: 136 Resp: 142938

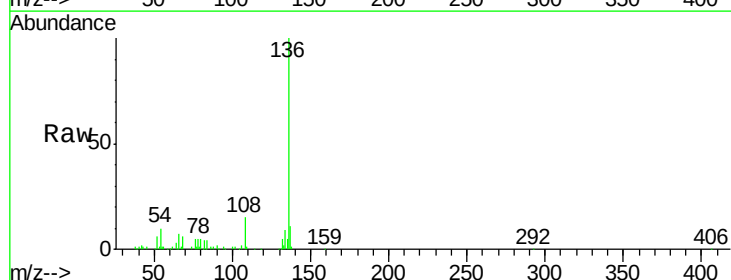
Ion Ratio Lower Upper

136 100

137 11.4 9.2 13.8

54 9.7 10.3 15.5#

68 5.6 4.5 6.7



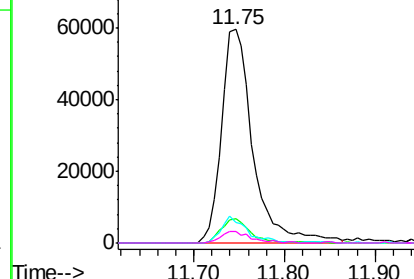
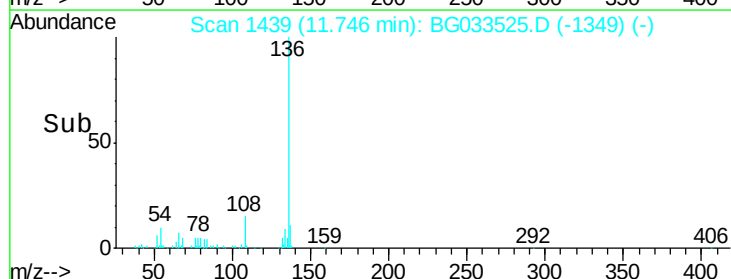
Abundance

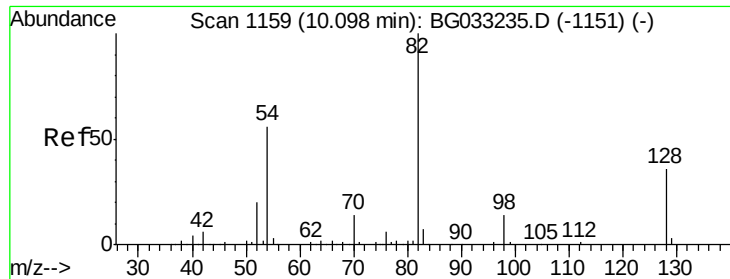
Ion 136.00 (135.70 to 136.70): BGC

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

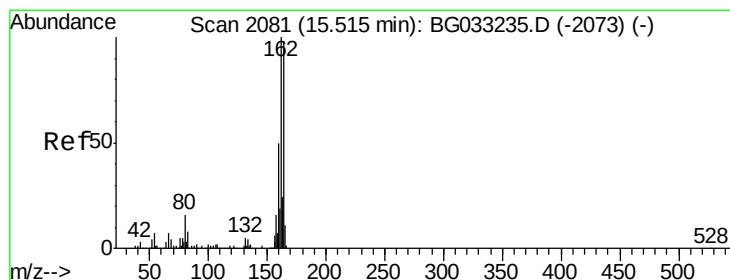
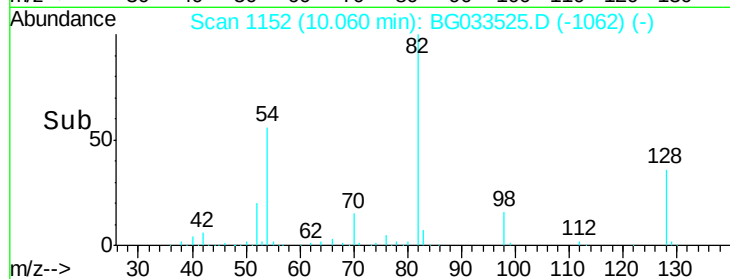
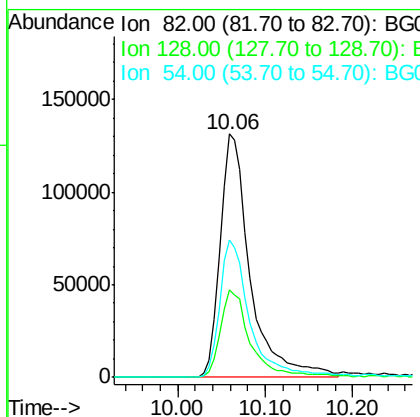
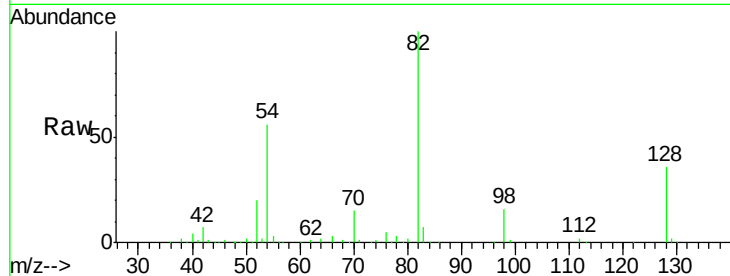




#23
 Nitrobenzene-d5
 Concen: 99.941 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BG033525.D
 Acq: 3 Apr 2018 14:43

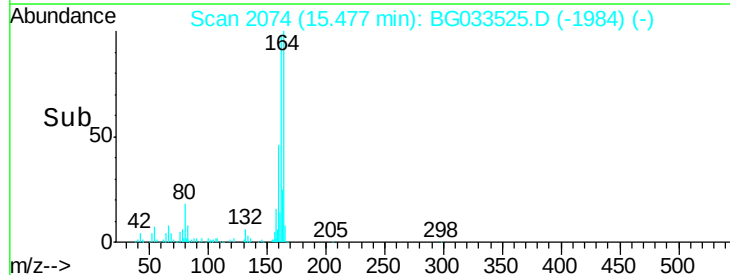
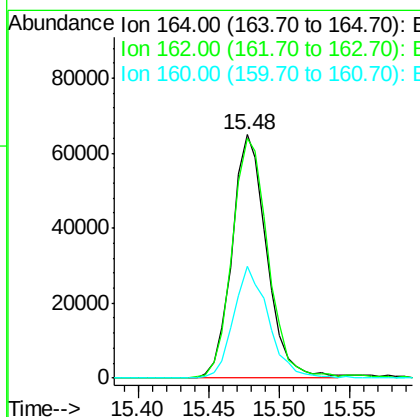
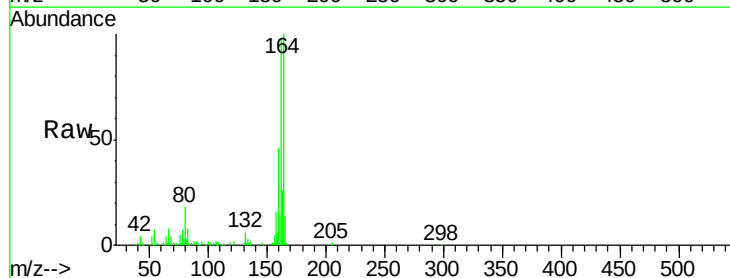
Instrument :
 BNA_G
 ClientSampleId :
 4529-33

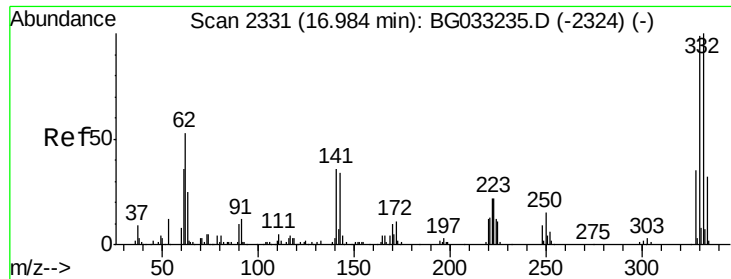
Tot Ion: 82 Resp: 310931
 Ion Ratio Lower Upper
 82 100
 128 36.0 29.7 44.5
 54 56.2 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2074
 Delta R.T. -0.00 min
 Lab File: BG033525.D
 Acq: 3 Apr 2018 14:43

Tgt Ion: 164 Resp: 111033
 Ion Ratio Lower Upper
 164 100
 162 98.3 78.8 118.2
 160 45.9 35.4 53.0





#41

2,4,6-Tribromophenol

Concen: 133.011 ng

RT: 16.95 min Scan# 2325

Delta R.T. -0.00 min

Lab File: BG033525.D

Acq: 3 Apr 2018 14:43

Instrument :

BNA_G

ClientSampleId :

4529-33

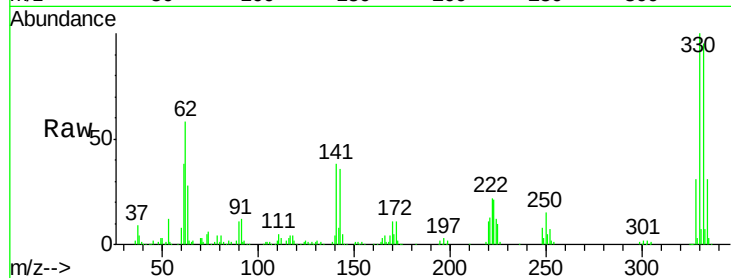
Tot Ion:330 Resp: 220881

Ion Ratio Lower Upper

330 100

332 93.4 77.0 115.6

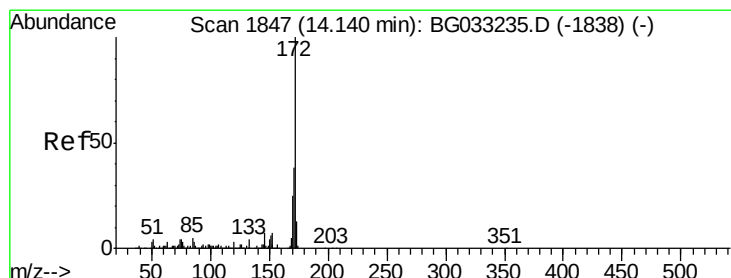
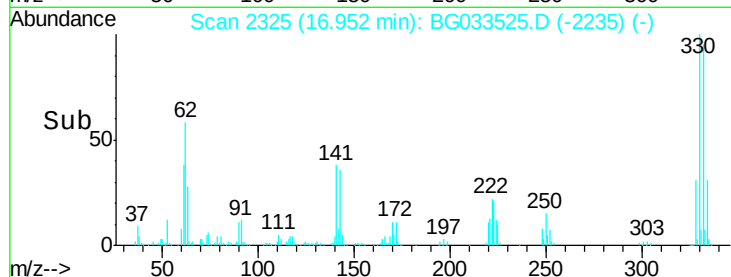
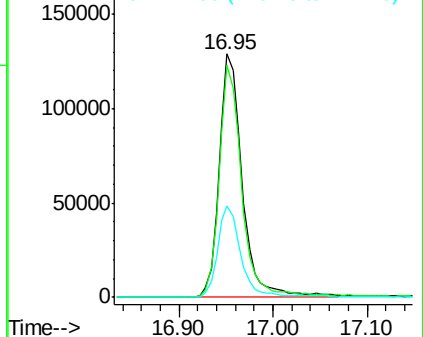
141 37.2 25.2 37.8



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: 99.586 ng

RT: 14.11 min Scan# 1841

Delta R.T. -0.00 min

Lab File: BG033525.D

Acq: 3 Apr 2018 14:43

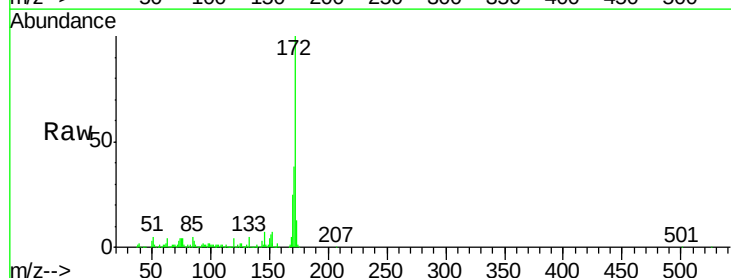
Tgt Ion:172 Resp: 765940

Ion Ratio Lower Upper

172 100

171 37.8 30.0 45.0

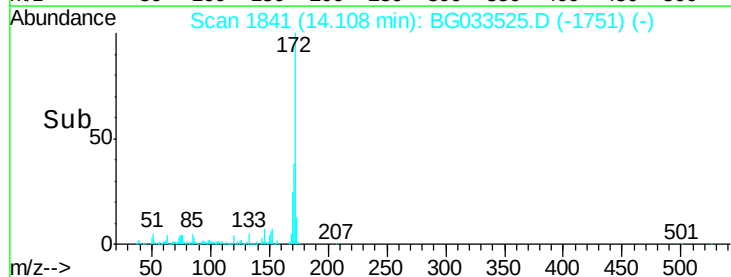
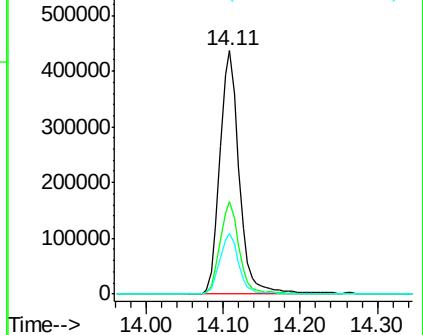
170 25.0 19.5 29.3

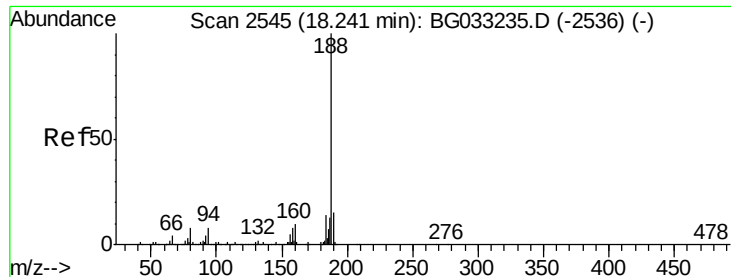


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

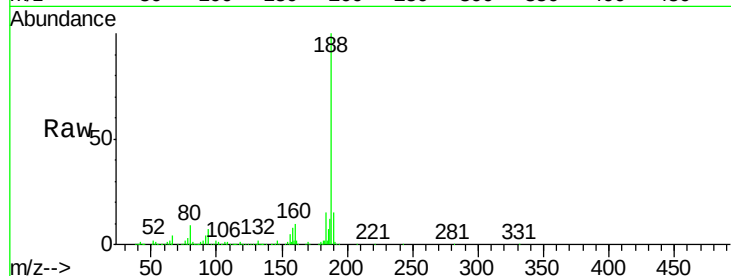




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2539
Delta R.T. -0.00 min
Lab File: BG033525.D
Acq: 3 Apr 2018 14:43

Instrument :
BNA_G
ClientSampleId :
4529-33

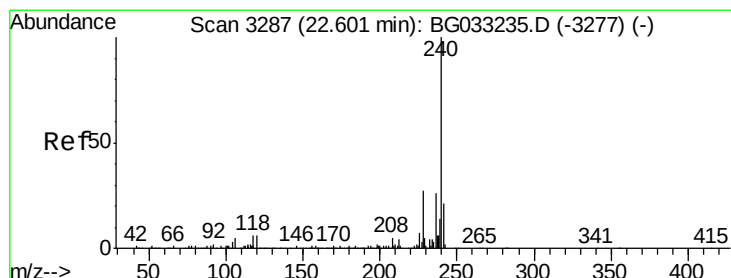
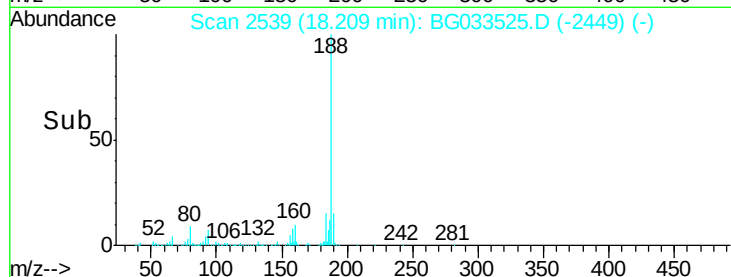
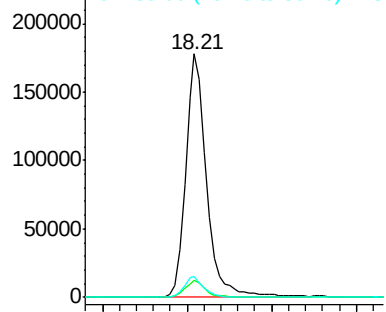
Tot Ion	188	Resp	308562
Ion Ratio	100	Lower	Upper
94	6.8	6.9	10.3#
80	8.5	7.7	11.5



Abundance Ion 188.00 (187.70 to 188.70): E

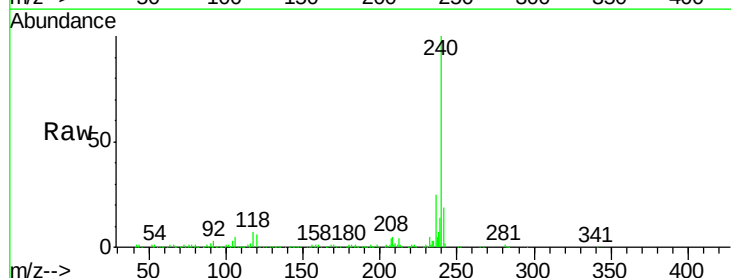
Ion 94.00 (93.70 to 94.70): BGC

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. 0.00 min
Lab File: BG033525.D
Acq: 3 Apr 2018 14:43

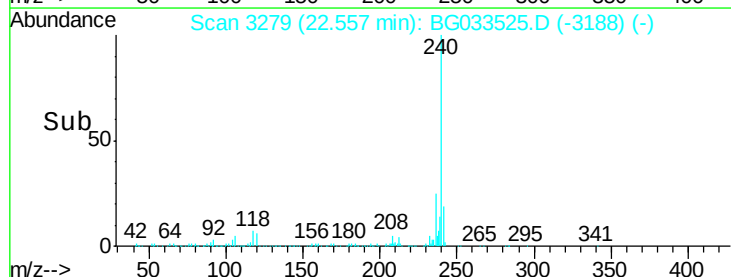
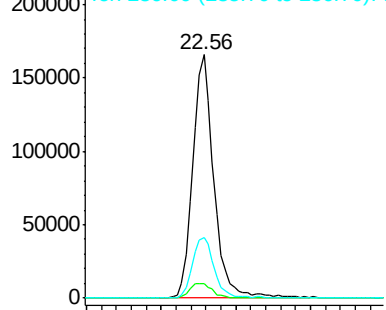
Tgt Ion	240	Resp	326260
Ion Ratio	100	Lower	Upper
120	6.0	6.8	10.2#
236	25.1	20.9	31.3

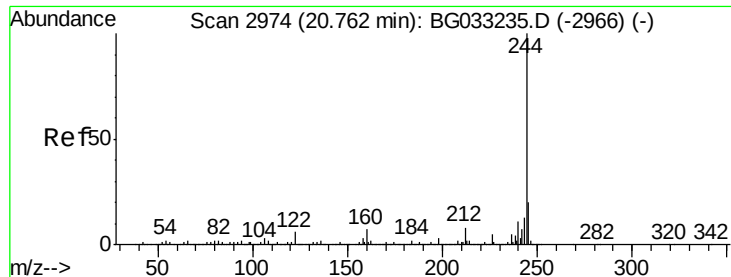


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

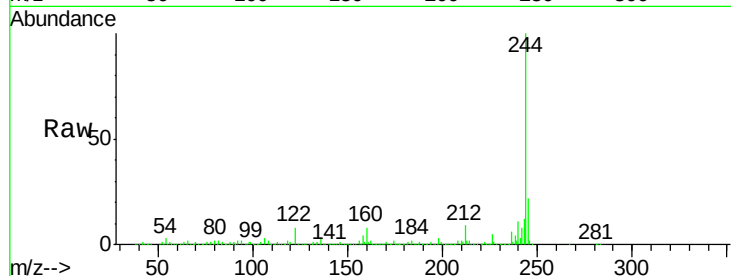




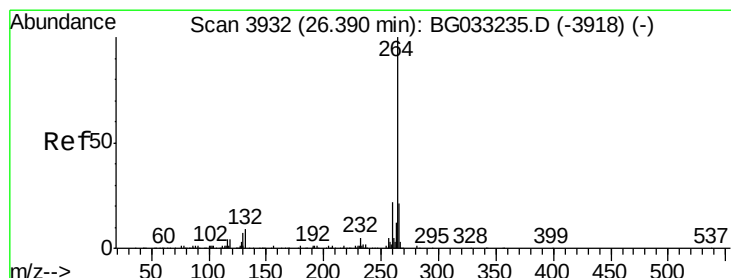
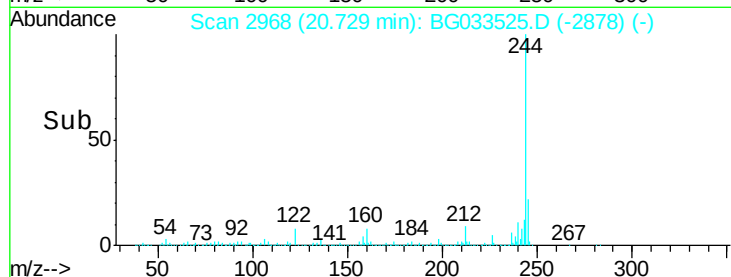
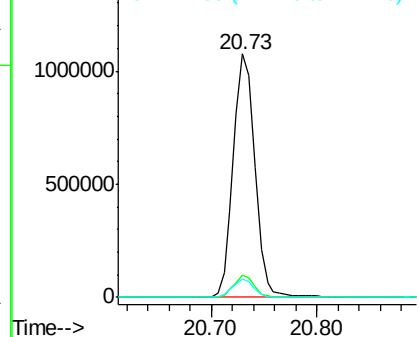
#78
 Terphenyl-d14
 Concen: 99.926 ng
 RT: 20.73 min Scan# 2968
 Delta R.T. -0.00 min
 Lab File: BG033525.D
 Acq: 3 Apr 2018 14:43

Instrument :
 BNA_G
 ClientSampled :
 4529-33

Tot Ion:244 Resp: 1524440
 Ion Ratio Lower Upper
 244 100
 212 8.9 5.8 8.8#
 122 7.5 7.0 10.4

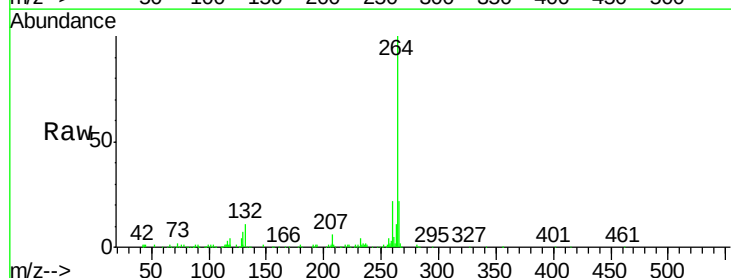


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.32 min Scan# 3920
 Delta R.T. 0.00 min
 Lab File: BG033525.D
 Acq: 3 Apr 2018 14:43

Tgt Ion:264 Resp: 334110
 Ion Ratio Lower Upper
 264 100
 260 21.6 17.4 26.0
 265 21.8 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

