

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041118\
 Data File : BG033768.D
 Acq On : 12 Apr 2018 6:19
 Operator : SJ/JU
 Sample : J2321-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 041018-JETB-E-U-S

Quant Time: Apr 12 08:11:45 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 16:51:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	28636	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	124410	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	92750	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	256365	20.00	ng	0.00
75) Chrysene-d12	22.55	240	278676	20.00	ng	0.00
86) Perylene-d12	26.31	264	293782	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	75859	49.67	ng	0.00
7) Phenol-d6	7.97	99	64605	24.62	ng	0.00
23) Nitrobenzene-d5	10.06	82	269804	99.64	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	128970	92.97	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	632049	98.38	ng	0.00
78) Terphenyl-d14	20.72	244	1320338	101.32	ng	0.00

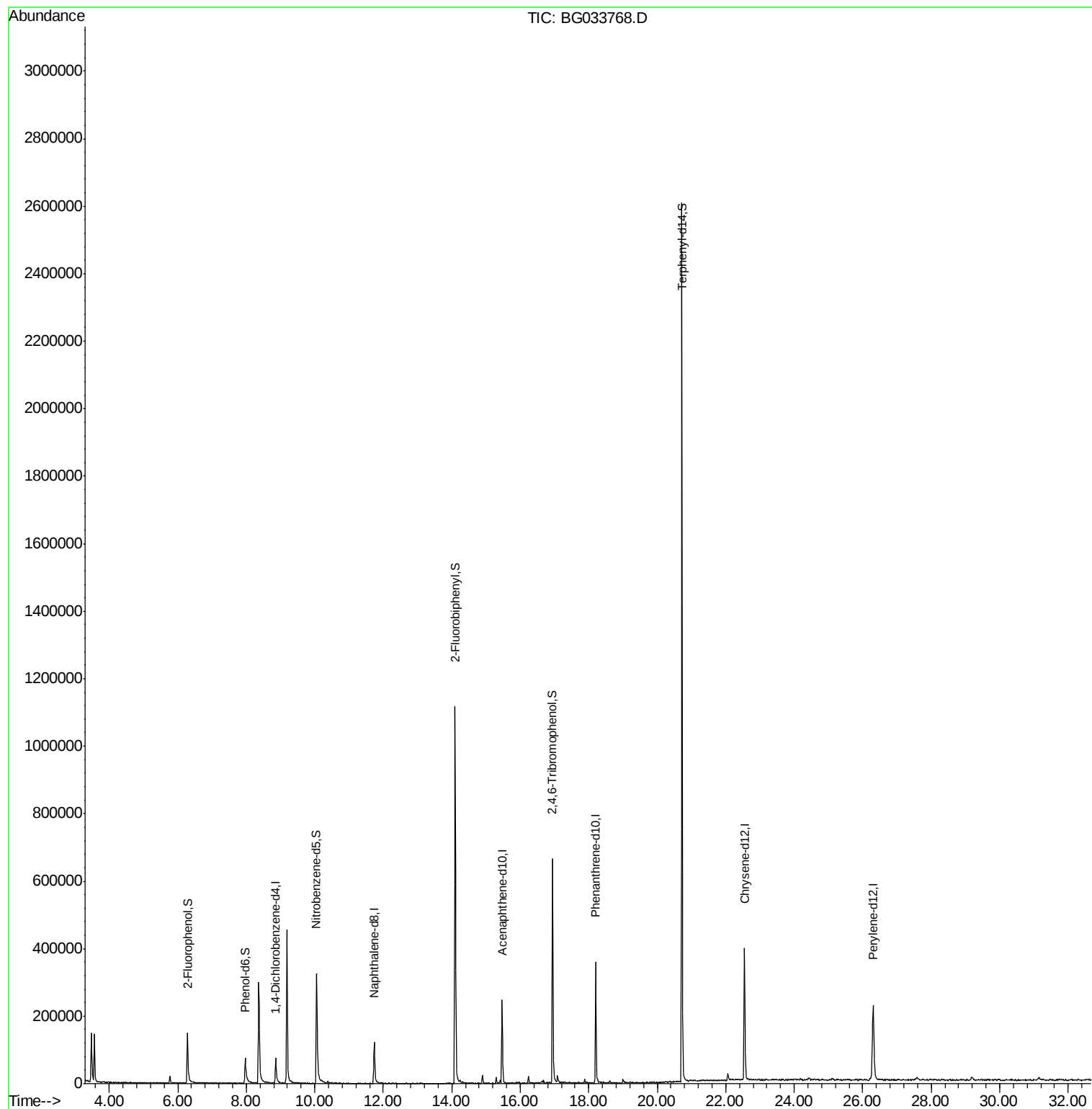
Target Compounds Qvalue

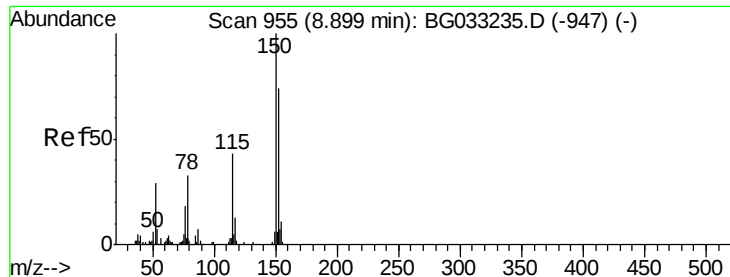
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
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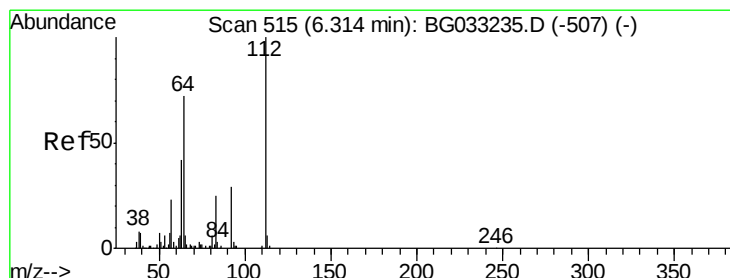
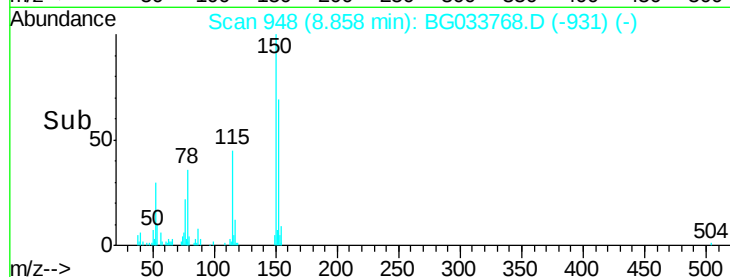
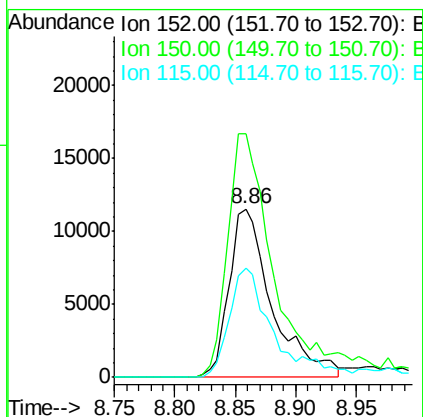
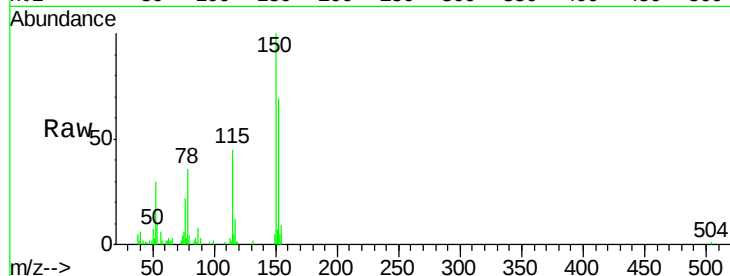


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. 0.00 min
Lab File: BG033768.D
Acq: 12 Apr 2018 6:19

Instrument :
BNA_G
ClientSampleId :
041018-JETB-E-U-S

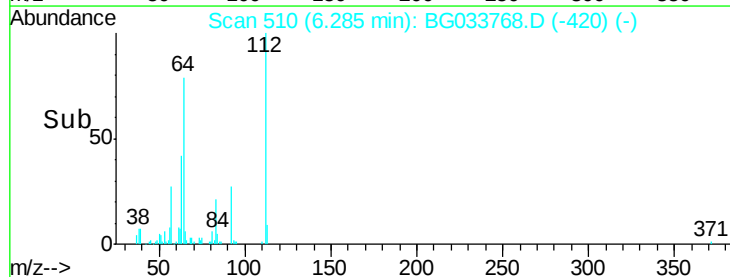
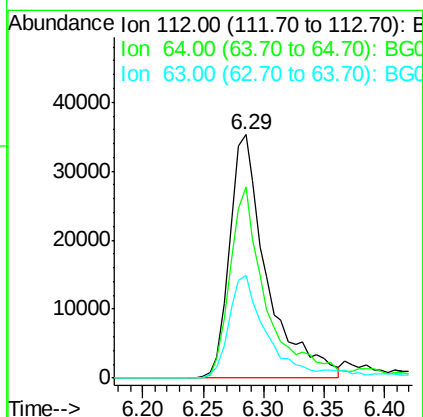
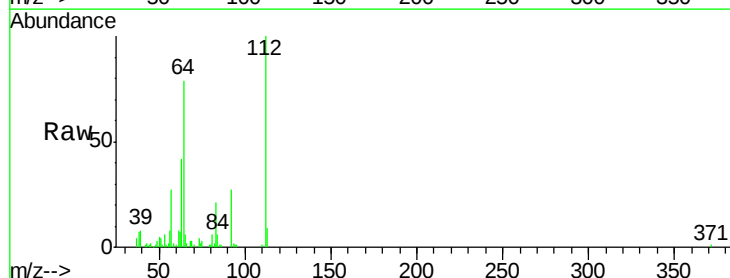
Tot Ion:152 Resp: 28636
Ion Ratio Lower Upper
152 100
150 144.4 126.6 189.8
115 64.9 53.0 79.4

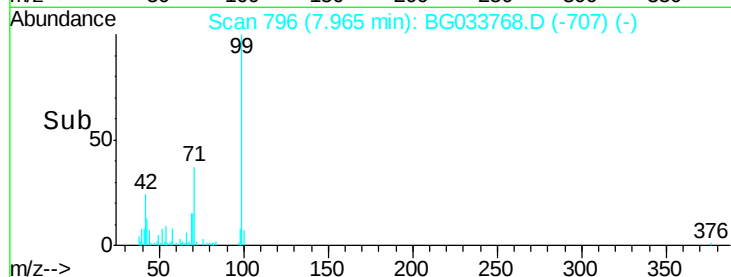
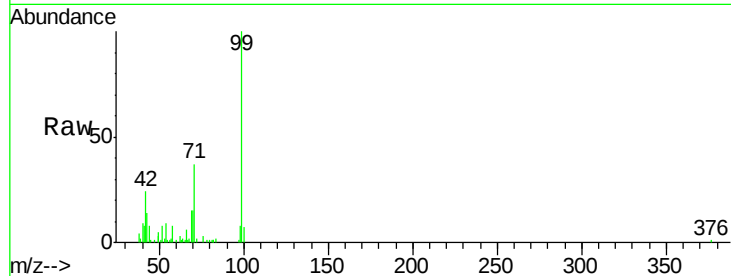
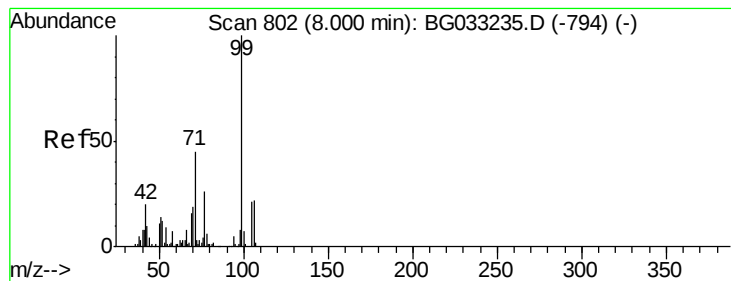


#5

2-Fluorophenol
Concen: 49.673 ng
RT: 6.29 min Scan# 510
Delta R.T. 0.00 min
Lab File: BG033768.D
Acq: 12 Apr 2018 6:19

Tgt Ion:112 Resp: 75859
Ion Ratio Lower Upper
112 100
64 78.6 56.3 84.5
63 42.2 30.1 45.1





#7

Phenol-d6

Concen: 24.621 ng

RT: 7.97 min Scan# 796

Delta R.T. -0.00 min

Lab File: BG033768.D

Acq: 12 Apr 2018 6:19

Instrument :

BNA_G

ClientSampleId :

041018-JETB-E-U-S

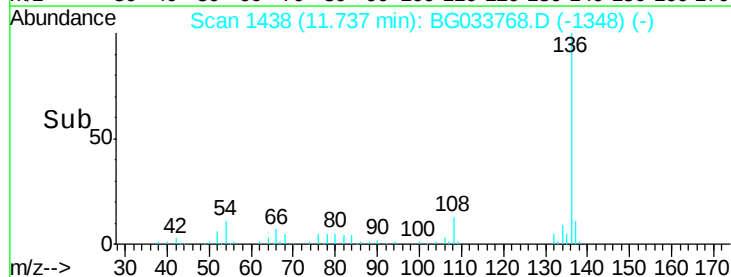
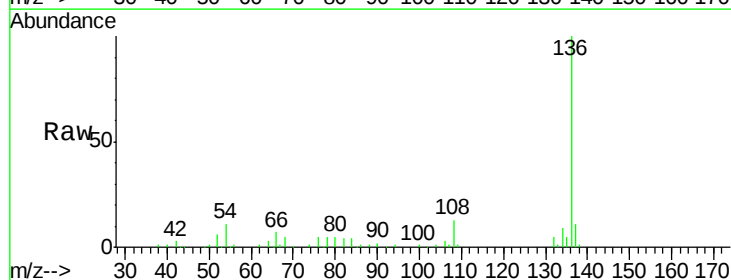
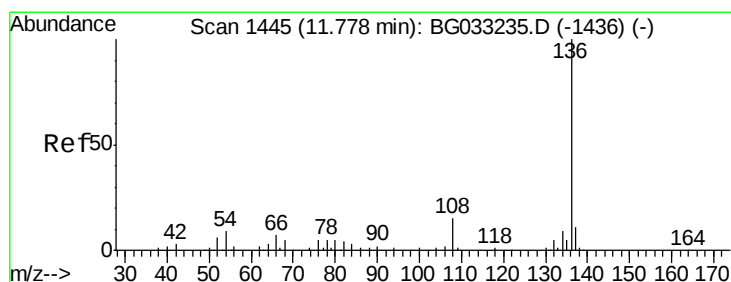
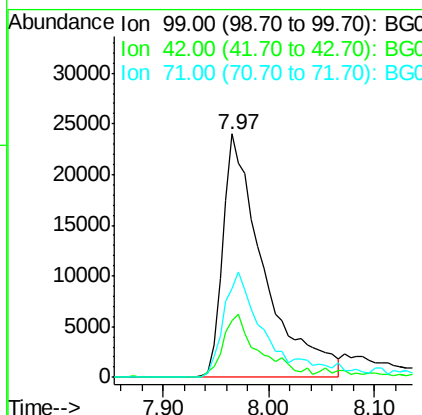
Tot Ion: 99 Resp: 64605

Ion Ratio Lower Upper

99 100

42 23.5 14.1 21.1#

71 36.5 26.1 39.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.74 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BG033768.D

Acq: 12 Apr 2018 6:19

Tgt Ion: 136 Resp: 124410

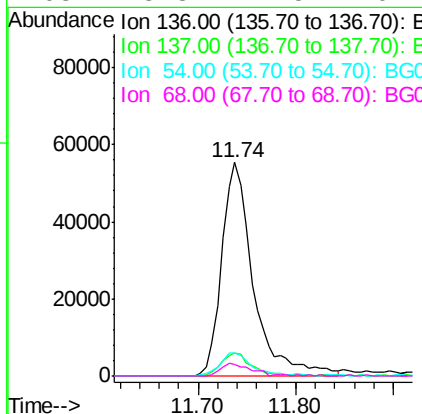
Ion Ratio Lower Upper

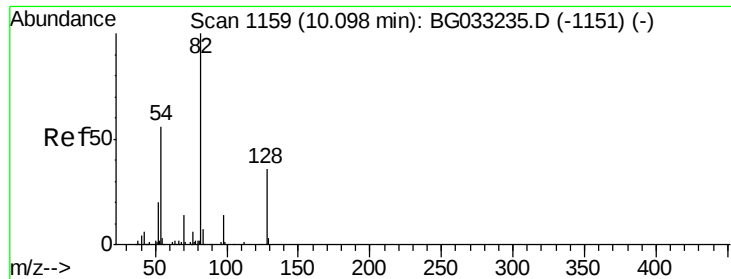
136 100

137 10.8 9.2 13.8

54 10.5 10.3 15.5

68 5.3 4.5 6.7





#23

Nitrobenzene-d5

Concen: 99.637 ng

RT: 10.06 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BG033768.D

Acq: 12 Apr 2018 6:19

Instrument :

BNA_G

ClientSampleId :

041018-JETB-E-U-S

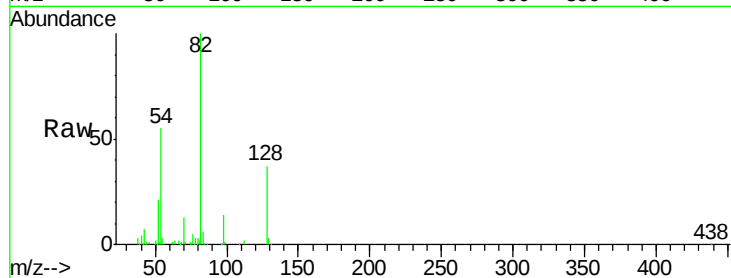
Tot Ion: 82 Resp: 269804

Ion Ratio Lower Upper

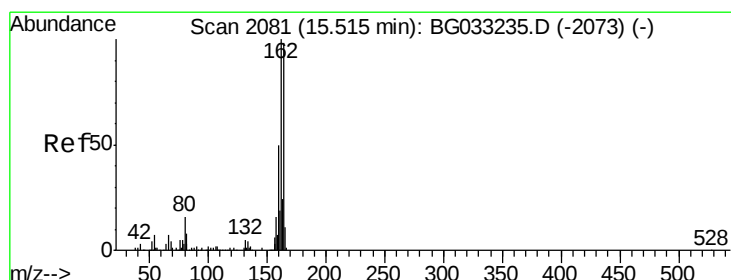
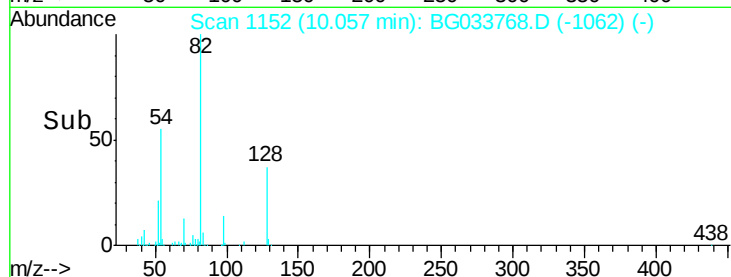
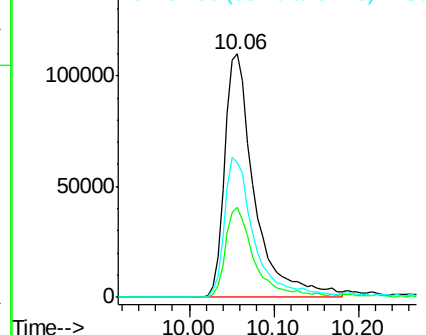
82 100

128 36.9 29.7 44.5

54 55.5 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: 15.47 min Scan# 2073

Delta R.T. -0.00 min

Lab File: BG033768.D

Acq: 12 Apr 2018 6:19

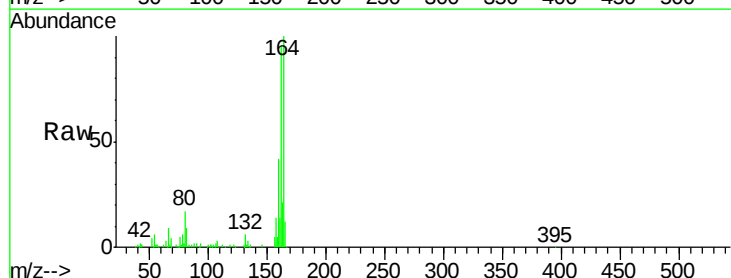
Tgt Ion: 164 Resp: 92750

Ion Ratio Lower Upper

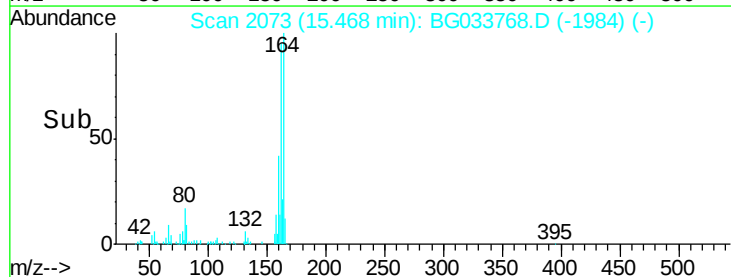
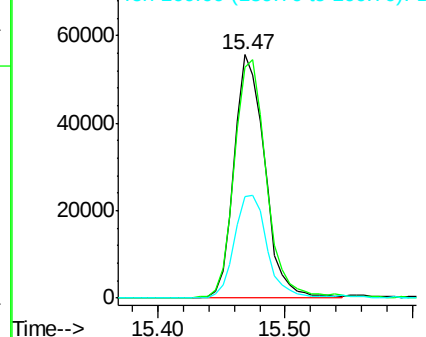
164 100

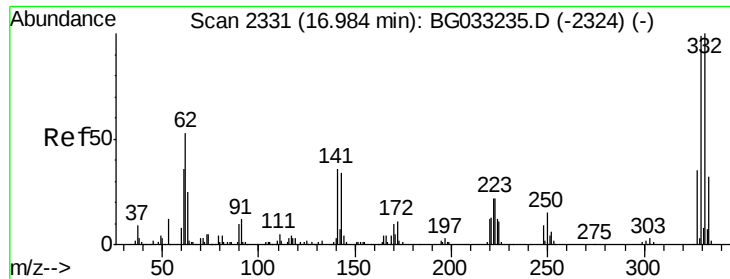
162 94.9 78.8 118.2

160 42.0 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

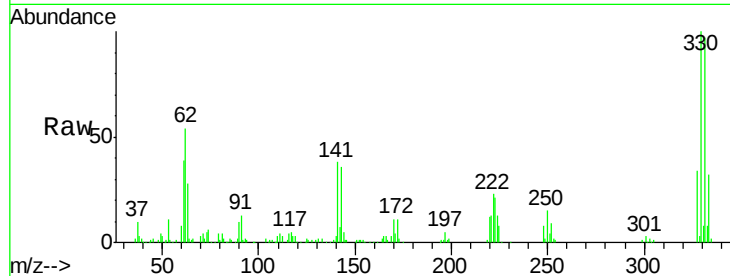




#41
 2,4,6-Tribromophenol
 Concen: 92.973 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. 0.00 min
 Lab File: BG033768.D
 Acq: 12 Apr 2018 6:19

Instrument :
 BNA_G
 ClientSampleId :
 041018-JETB-E-U-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.7	77.0	115.6
141	40.0	25.2	37.8#

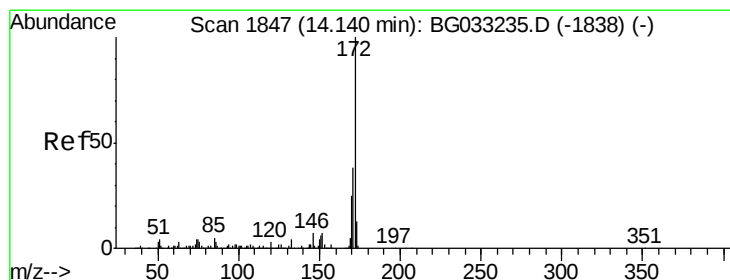
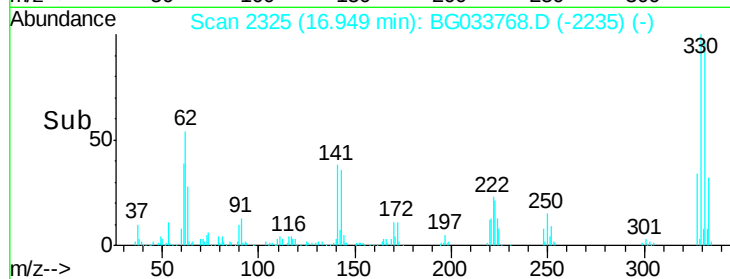
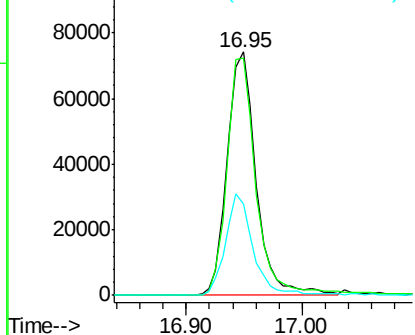


Abundance

Ion 329.80 (329.50 to 330.50): E

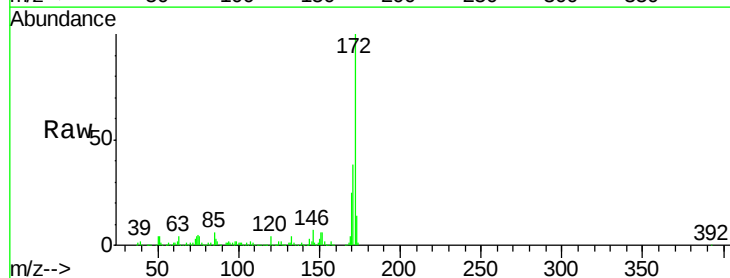
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 98.377 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BG033768.D
 Acq: 12 Apr 2018 6:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.0	45.0
170	25.3	19.5	29.3

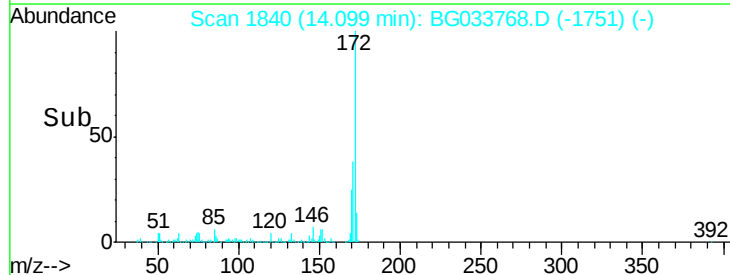
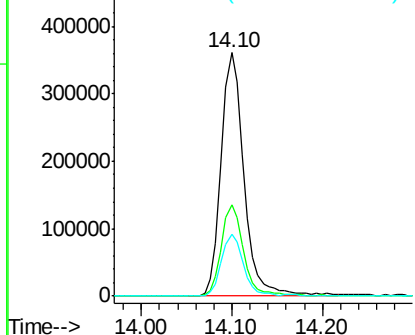


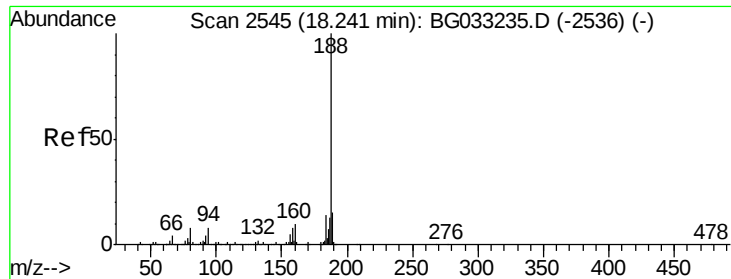
Abundance

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

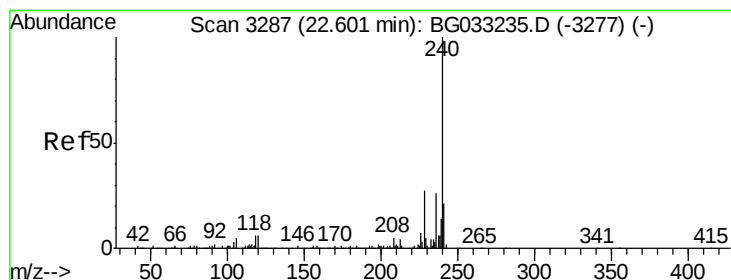
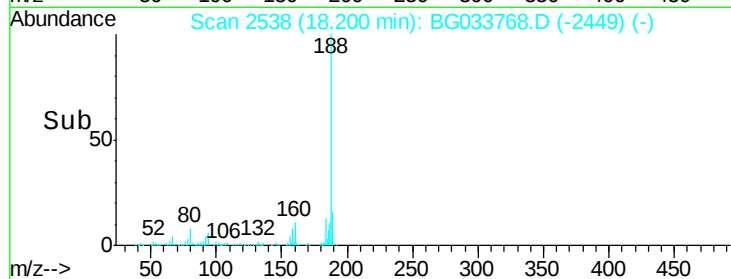
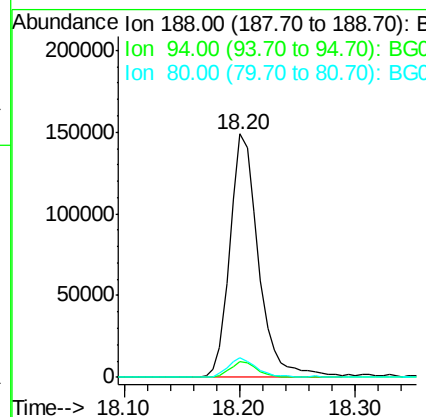
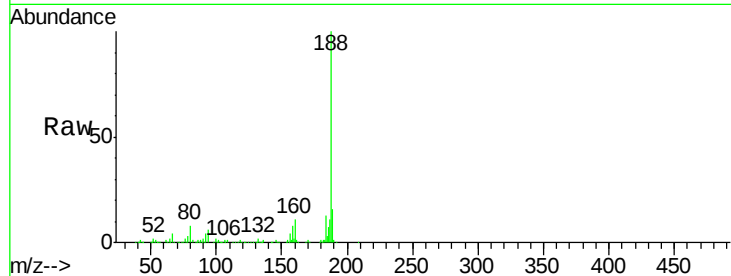




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.20 min Scan# 2538
Delta R.T. -0.00 min
Lab File: BG033768.D
Acq: 12 Apr 2018 6:19

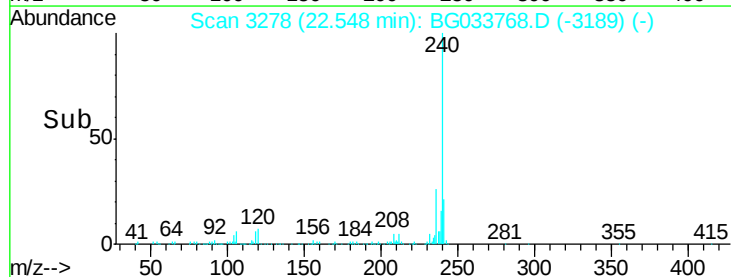
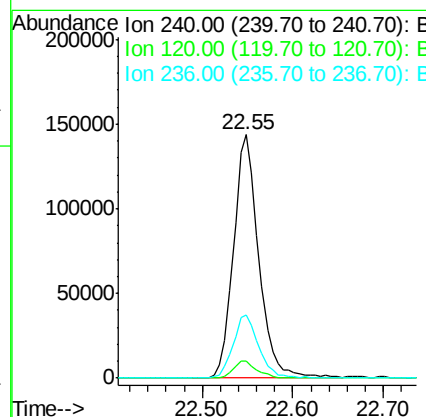
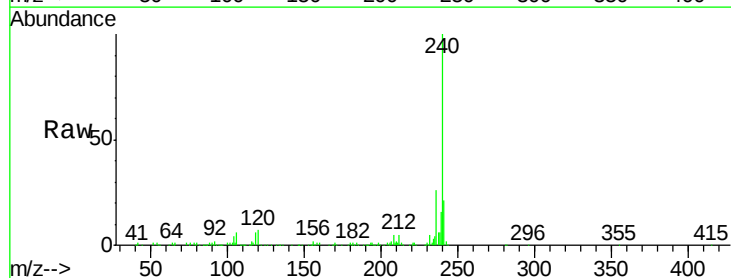
Instrument :
BNA_G
ClientSampleId :
041018-JETB-E-U-S

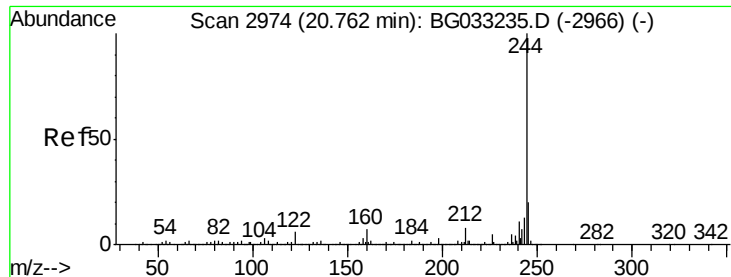
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.3	6.9	10.3#
80	8.0	7.7	11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3278
Delta R.T. -0.00 min
Lab File: BG033768.D
Acq: 12 Apr 2018 6:19

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.1	6.8	10.2
236	26.2	20.9	31.3





#78

Terphenyl-d14

Concen: 101.325 ng

RT: 20.72 min Scan# 2967

Delta R.T. -0.00 min

Lab File: BG033768.D

Acq: 12 Apr 2018 6:19

Instrument :

BNA_G

ClientSampleId :

041018-JETB-E-U-S

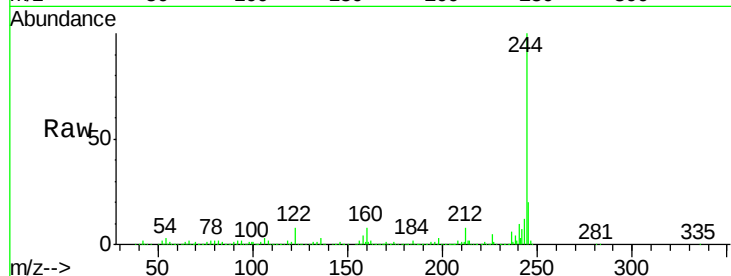
Tot Ion:244 Resp: 1320338

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

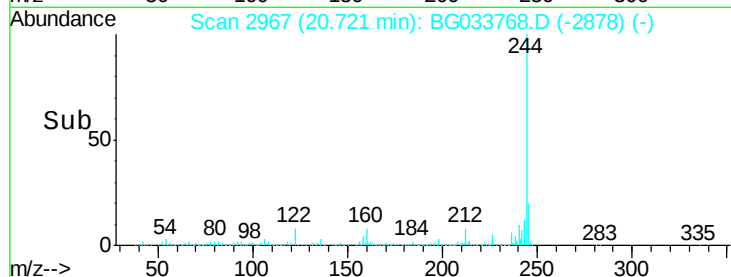
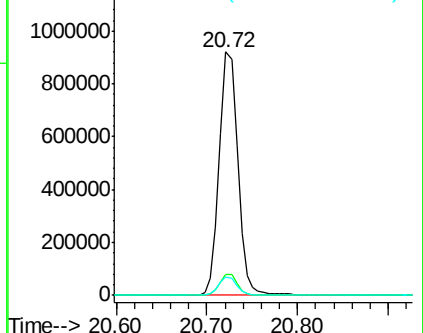
122 7.7 7.0 10.4



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: 26.31 min Scan# 3918

Delta R.T. 0.00 min

Lab File: BG033768.D

Acq: 12 Apr 2018 6:19

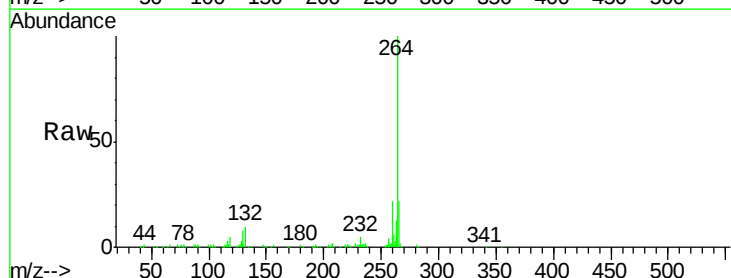
Tgt Ion:264 Resp: 293782

Ion Ratio Lower Upper

264 100

260 22.1 17.4 26.0

265 22.1 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

