

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041118\
 Data File : BG033760.D
 Acq On : 12 Apr 2018 00:26
 Operator : SJ/JU
 Sample : J2320-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 040918-JETB-E-U-S

Quant Time: Apr 12 03:20:39 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	28329	20.00	ng	0.00
21) Naphthalene-d8	11.73	136	120500	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	90336	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	273127	20.00	ng	0.00
75) Chrysene-d12	22.55	240	304829	20.00	ng	0.00
86) Perylene-d12	26.31	264	322484	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	67160	44.45	ng	0.00
7) Phenol-d6	7.97	99	57917	22.31	ng	0.00
23) Nitrobenzene-d5	10.05	82	253818	96.78	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	137287	101.61	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	627817	100.33	ng	0.00
78) Terphenyl-d14	20.72	244	1439280	100.98	ng	0.00

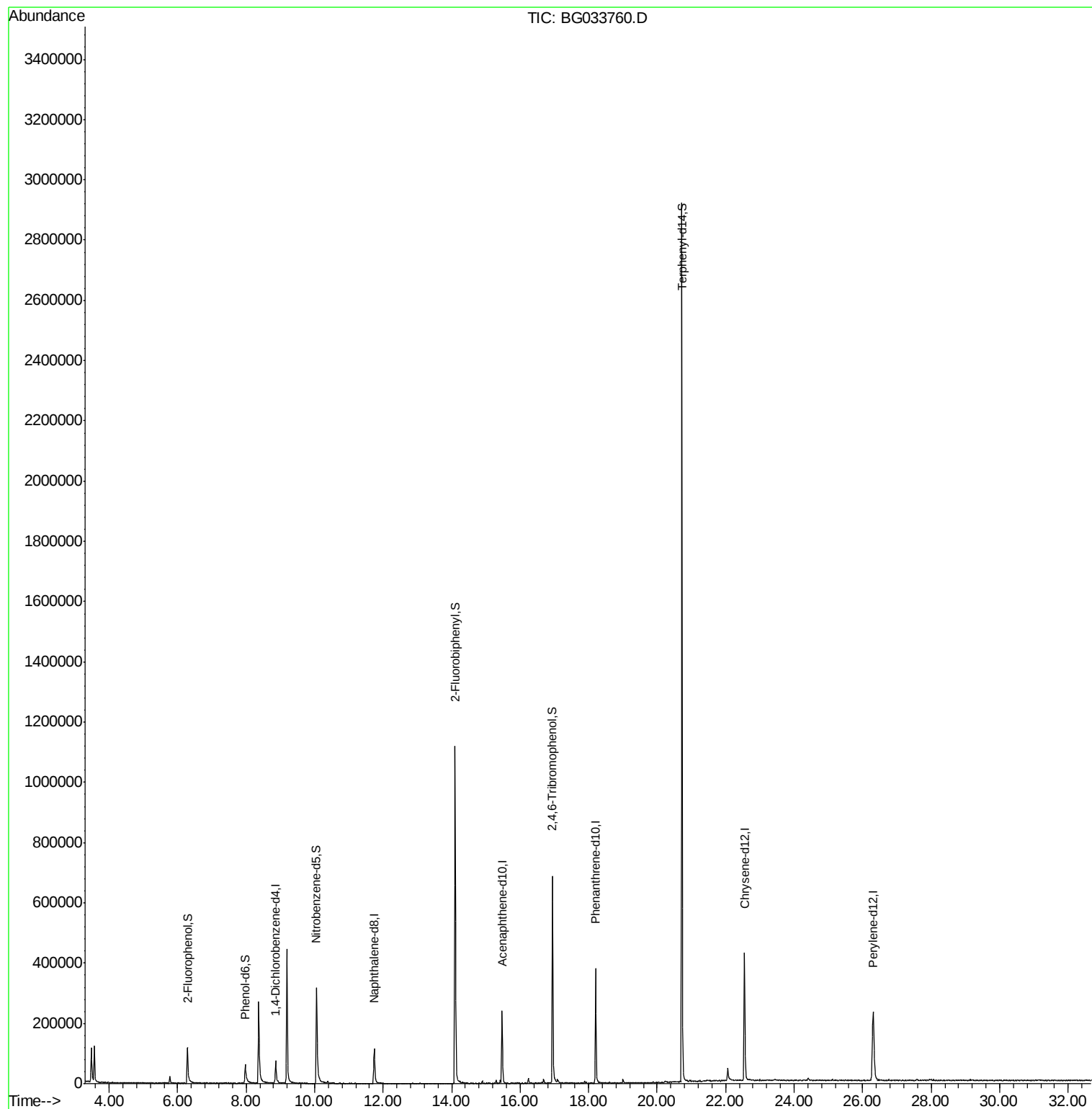
Target Compounds Qvalue

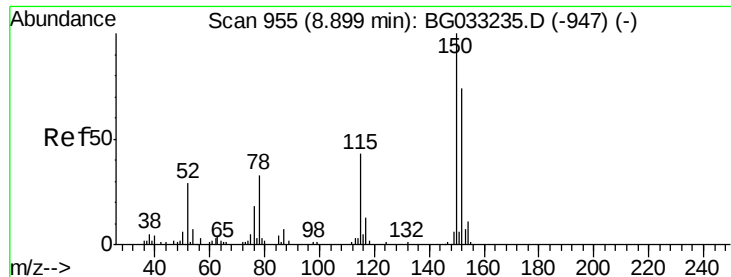
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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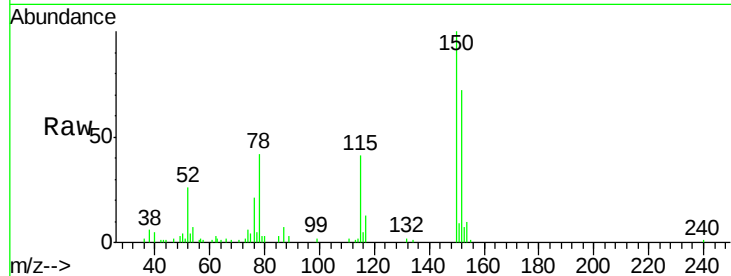


#1

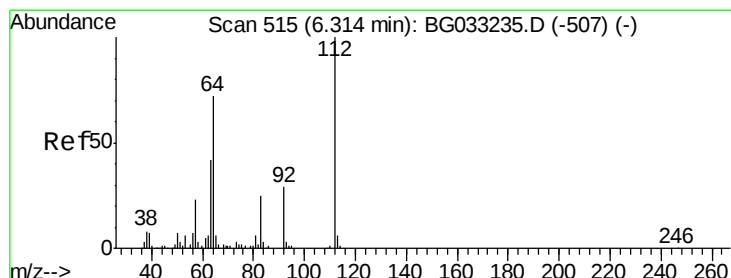
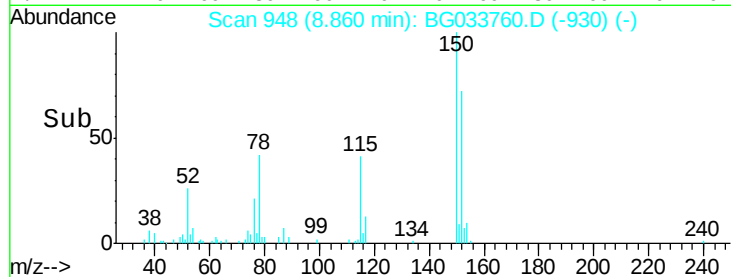
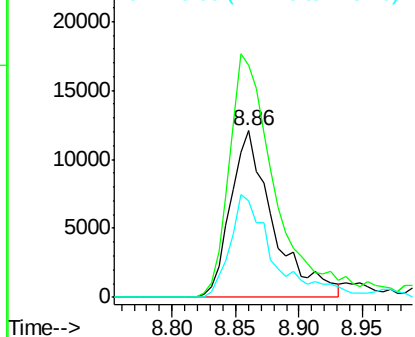
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. 0.00 min
Lab File: BG033760.D
Acq: 12 Apr 2018 00:26

Instrument :
BNA_G
ClientSampleId :
040918-JETB-E-U-S

Tot Ion:152 Resp: 28329
Ion Ratio Lower Upper
152 100
150 139.6 126.6 189.8
115 57.8 53.0 79.4



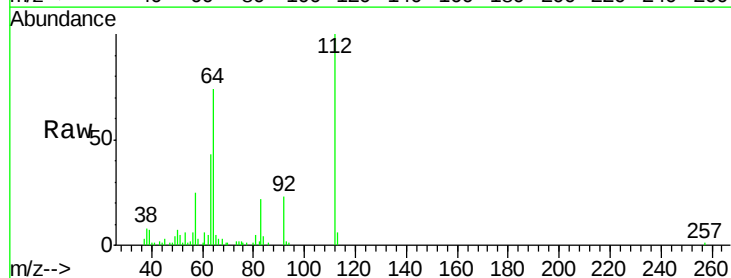
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



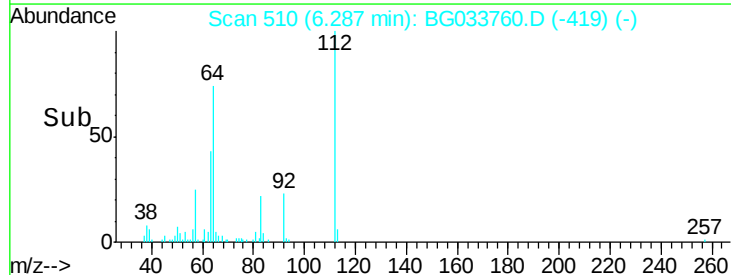
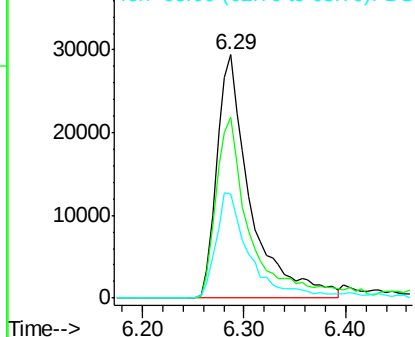
#5

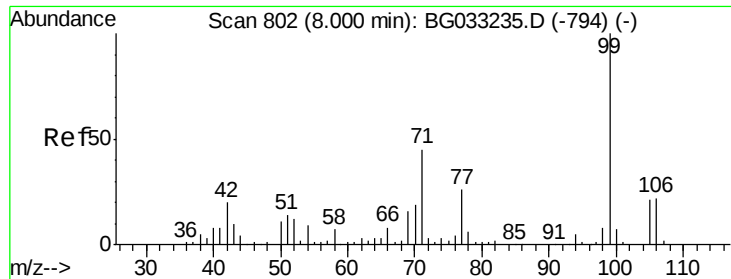
2-Fluorophenol
Concen: 44.454 ng
RT: 6.29 min Scan# 510
Delta R.T. 0.00 min
Lab File: BG033760.D
Acq: 12 Apr 2018 00:26

Tgt Ion:112 Resp: 67160
Ion Ratio Lower Upper
112 100
64 74.3 56.3 84.5
63 42.7 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 22.312 ng

RT: 7.97 min Scan# 796

Delta R.T. -0.00 min

Lab File: BG033760.D

Acq: 12 Apr 2018 00:26

Instrument :

BNA_G

ClientSampleId :

040918-JETB-E-U-S

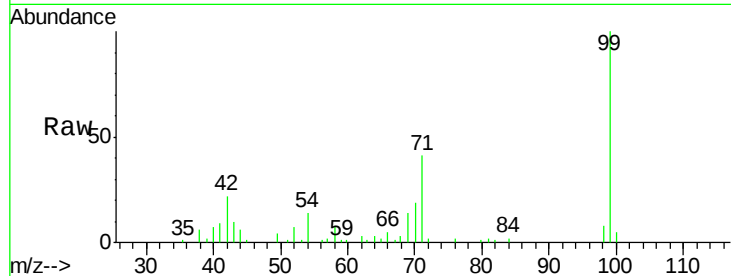
Tot Ion: 99 Resp: 57917

Ion Ratio Lower Upper

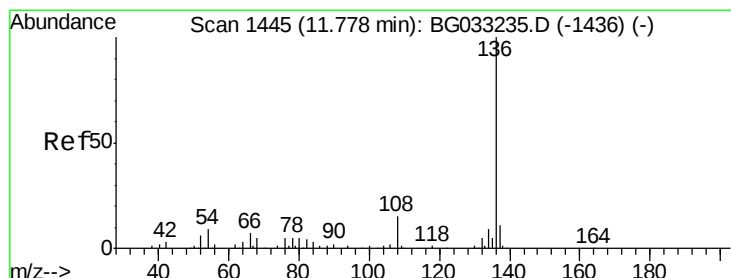
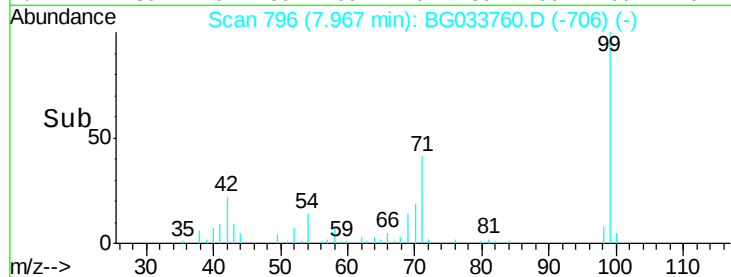
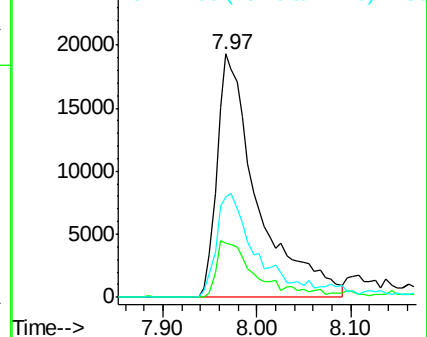
99 100

42 22.2 14.1 21.1#

71 41.0 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: 11.73 min Scan# 1437

Delta R.T. -0.00 min

Lab File: BG033760.D

Acq: 12 Apr 2018 00:26

Tgt Ion: 136 Resp: 120500

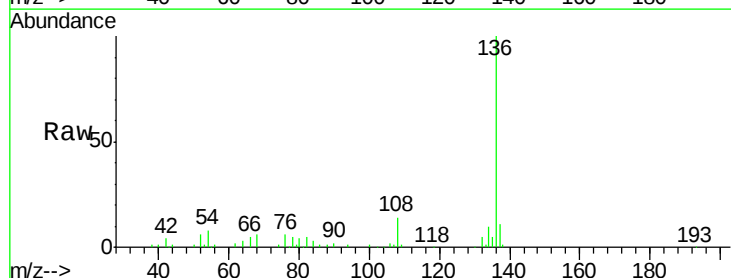
Ion Ratio Lower Upper

136 100

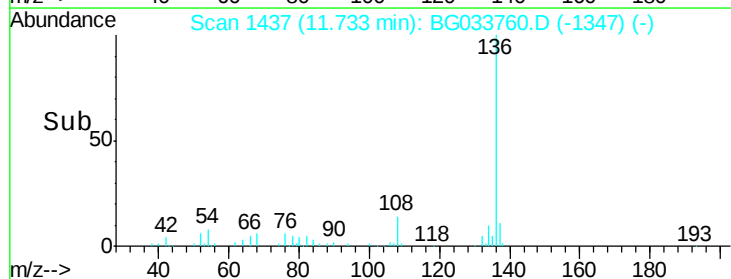
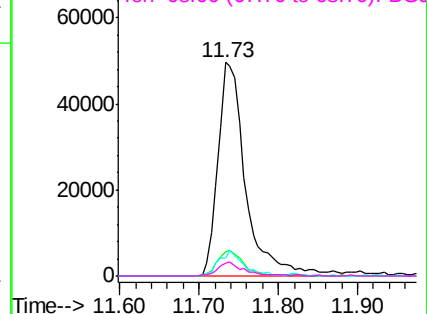
137 11.4 9.2 13.8

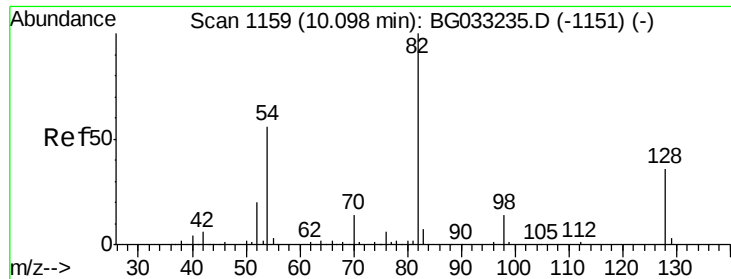
54 8.7 10.3 15.5#

68 5.7 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

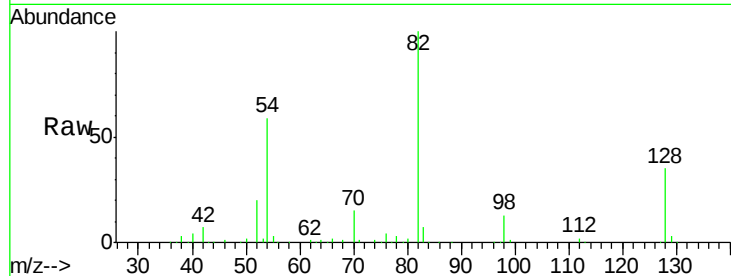




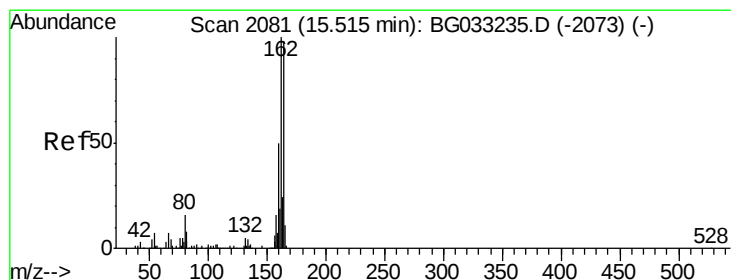
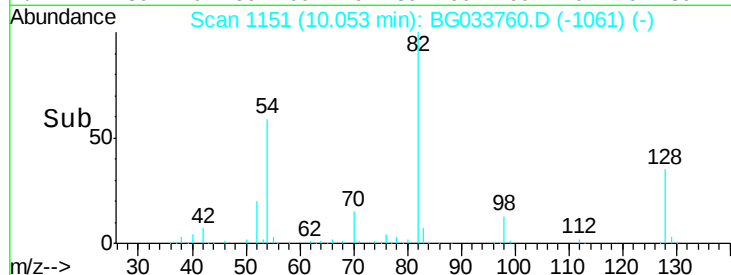
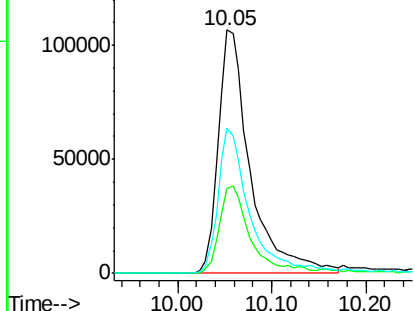
#23
 Nitrobenzene-d5
 Concen: 96.775 ng
 RT: 10.05 min Scan# 1151
 Delta R.T. -0.00 min
 Lab File: BG033760.D
 Acq: 12 Apr 2018 00:26

Instrument :
 BNA_G
 ClientSampleId :
 040918-JETB-E-U-S

Tot Ion: 82 Resp: 253818
 Ion Ratio Lower Upper
 82 100
 128 34.7 29.7 44.5
 54 59.4 43.1 64.7

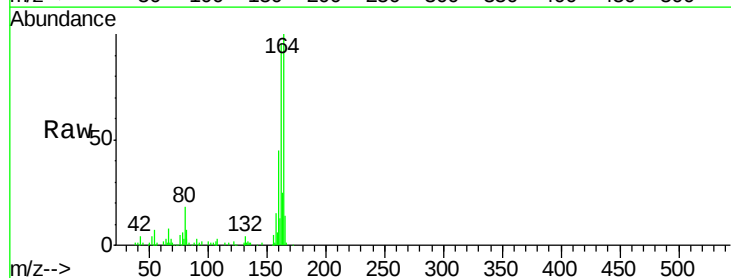


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

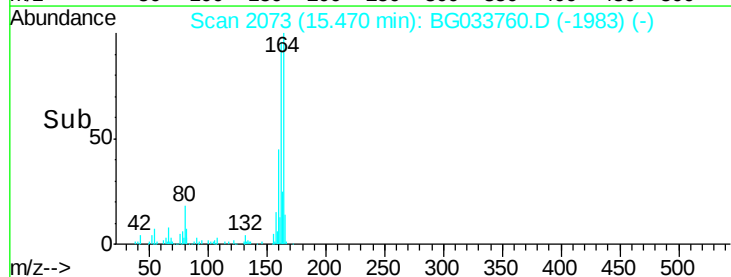
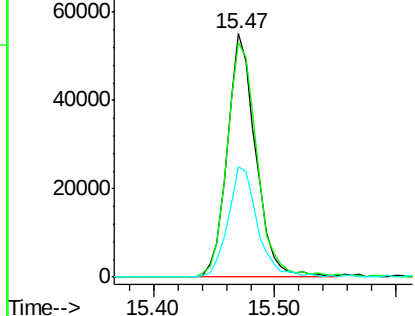


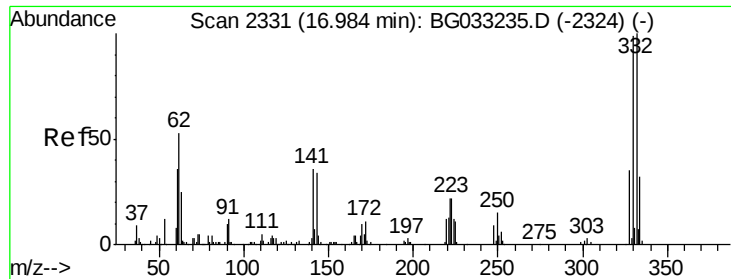
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2073
 Delta R.T. -0.00 min
 Lab File: BG033760.D
 Acq: 12 Apr 2018 00:26

Tgt Ion:164 Resp: 90336
 Ion Ratio Lower Upper
 164 100
 162 96.2 78.8 118.2
 160 45.2 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

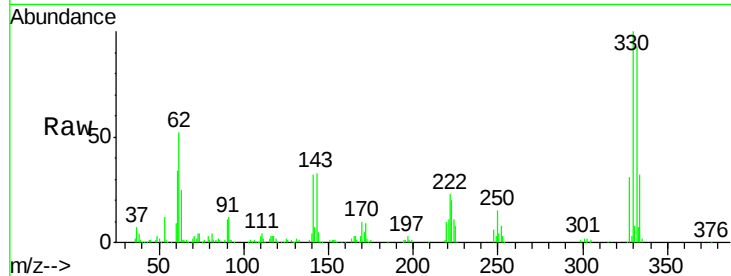




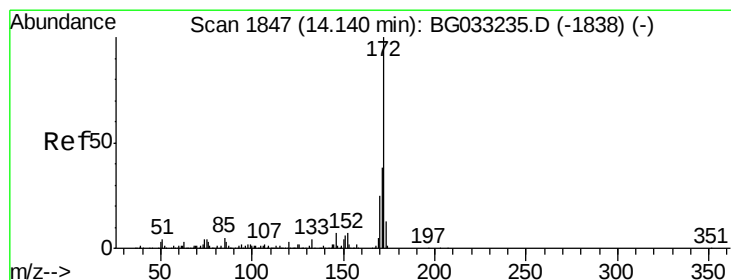
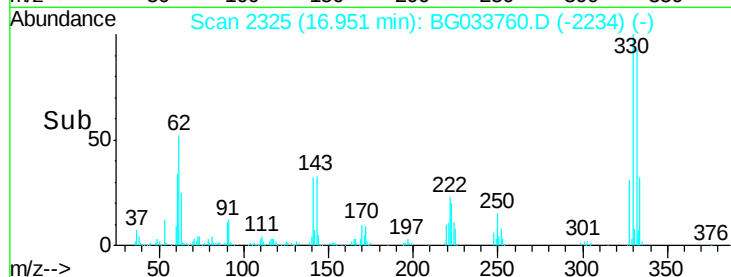
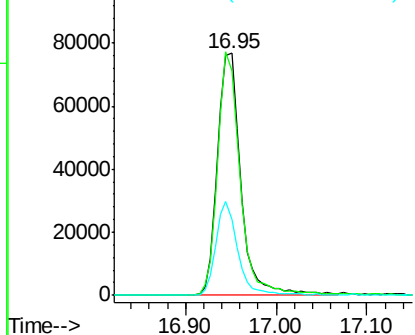
#41
 2,4,6-Tribromophenol
 Concen: 101.613 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. 0.00 min
 Lab File: BG033760.D
 Acq: 12 Apr 2018 00:26

Instrument :
 BNA_G
 ClientSampleId :
 040918-JETB-E-U-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	35.7	25.2	37.8

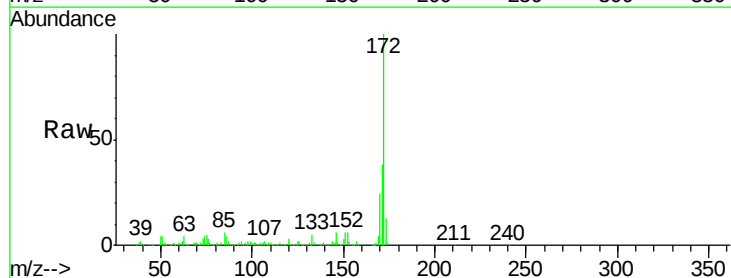


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

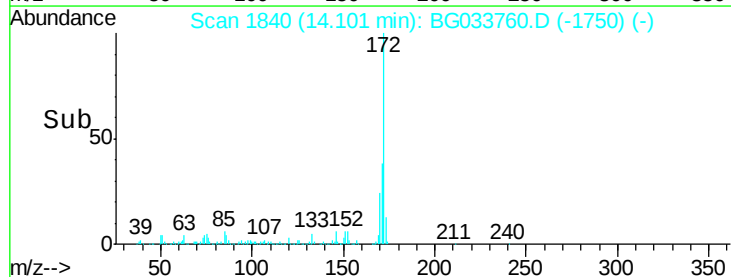
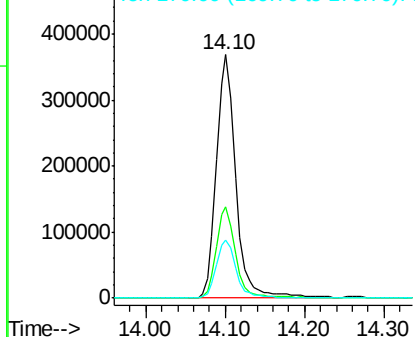


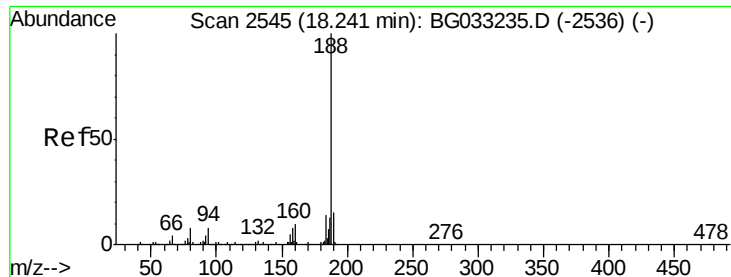
#44
 2-Fluorobiphenyl
 Concen: 100.330 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BG033760.D
 Acq: 12 Apr 2018 00:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.0	45.0
170	24.1	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

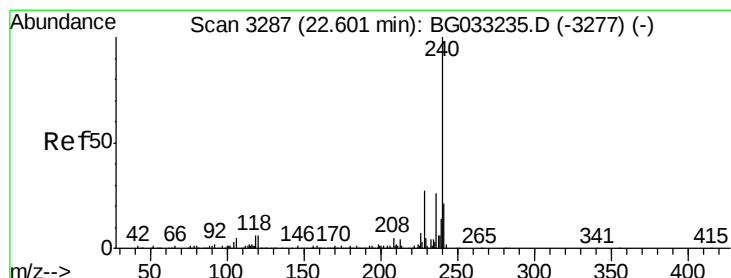
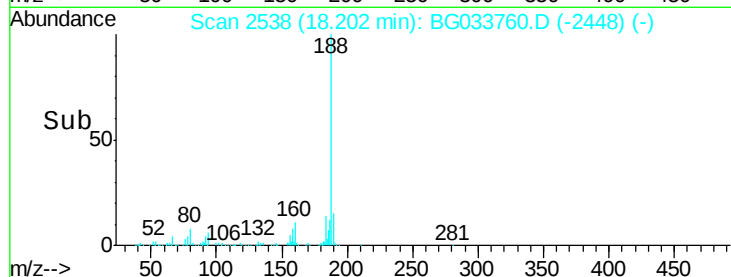
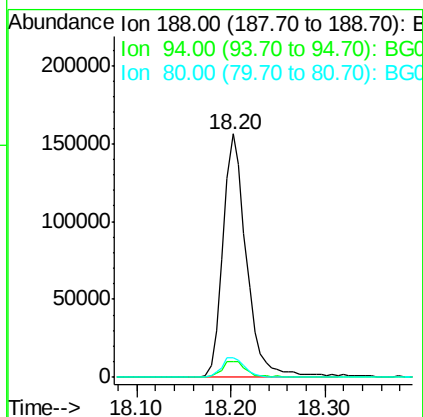
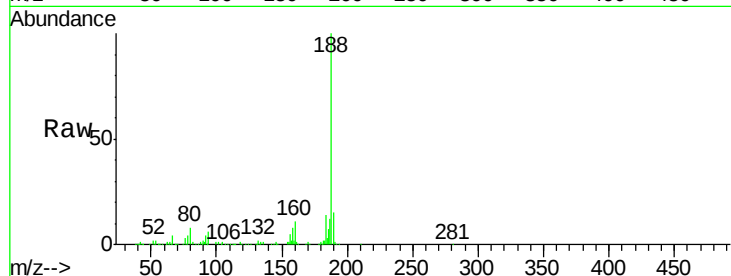




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.20 min Scan# 2538
Delta R.T. -0.00 min
Lab File: BG033760.D
Acq: 12 Apr 2018 00:26

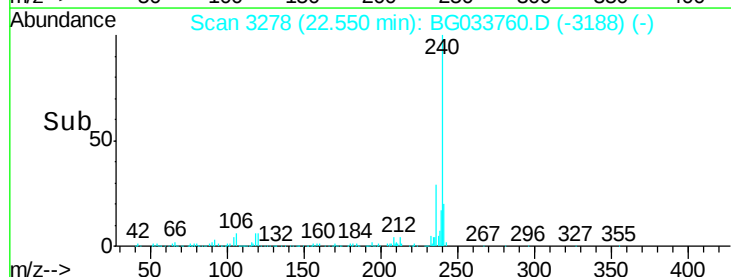
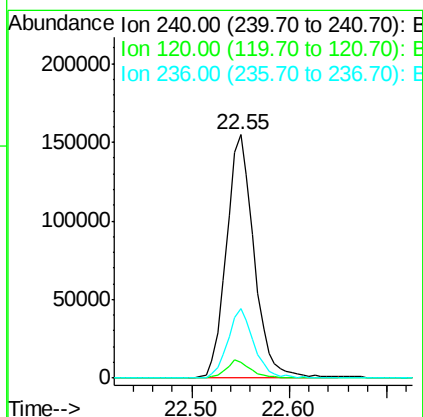
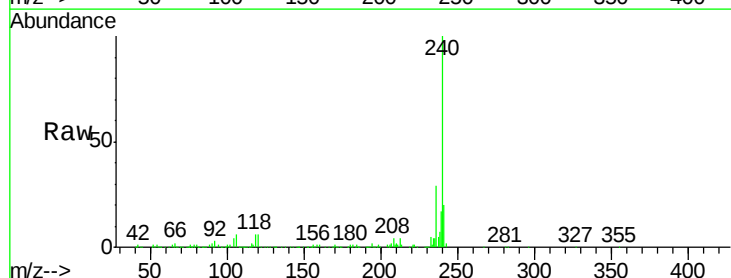
Instrument :
BNA_G
ClientSampleId :
040918-JETB-E-U-S

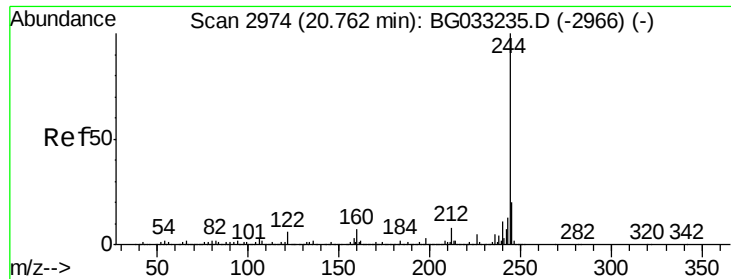
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.4	6.9	10.3#
80	8.3	7.7	11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3278
Delta R.T. -0.00 min
Lab File: BG033760.D
Acq: 12 Apr 2018 00:26

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.4	6.8	10.2#
236	28.6	20.9	31.3





#78

Terphenyl-d14

Concen: 100.976 ng

RT: 20.72 min Scan# 2967

Delta R.T. -0.00 min

Lab File: BG033760.D

Acq: 12 Apr 2018 00:26

Instrument :

BNA_G

ClientSampleId :

040918-JETB-E-U-S

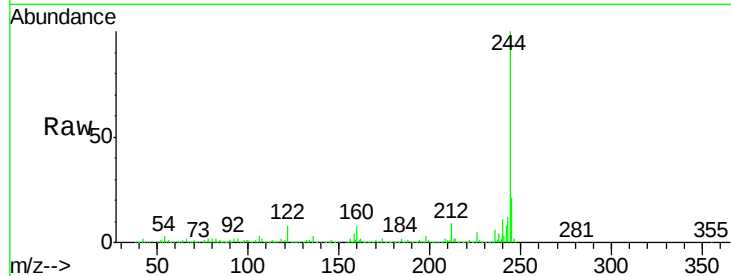
Tot Ion:244 Resp: 1439280

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

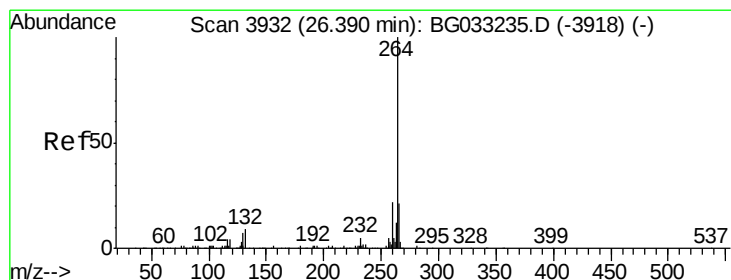
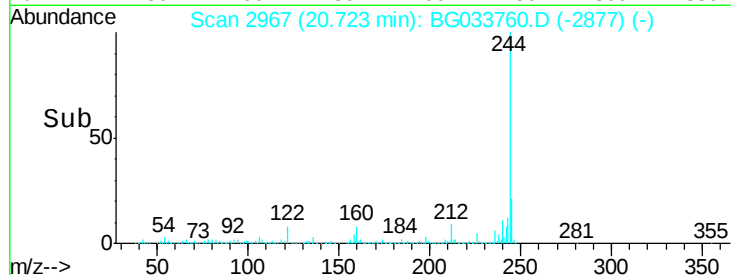
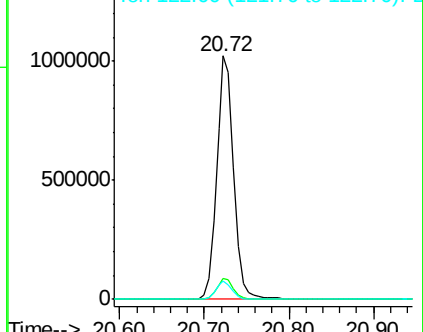
122 7.8 7.0 10.4



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: BG033760.D

Acq: 12 Apr 2018 00:26

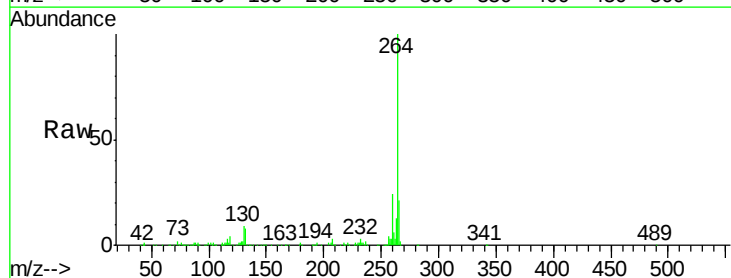
Tgt Ion:264 Resp: 322484

Ion Ratio Lower Upper

264 100

260 23.8 17.4 26.0

265 20.7 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

