

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042318\
 Data File : BG033923.D
 Acq On : 23 Apr 2018 16:33
 Operator : SJ/JU
 Sample : J2492-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 041918-JETB-E-D-M

Quant Time: Apr 24 04:00:08 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 13:56:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	62363	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	281264	20.00	ng	-0.02
38) Acenaphthene-d10	14.46	164	197902	20.00	ng	-0.02
63) Phenanthrene-d10	17.21	188	540477	20.00	ng	-0.02
75) Chrysene-d12	21.47	240	557769	20.00	ng	-0.02
86) Perylene-d12	24.53	264	566194	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	170992	43.78	ng	0.00
7) Phenol-d6	6.99	99	141911	24.91	ng	-0.01
23) Nitrobenzene-d5	8.98	82	485618	98.26	ng	-0.01
41) 2,4,6-Tribromophenol	15.95	330	255620	110.71	ng	-0.02
44) 2-Fluorobiphenyl	13.08	172	1122967	83.36	ng	-0.02
78) Terphenyl-d14	19.85	244	1874681	75.51	ng	-0.01

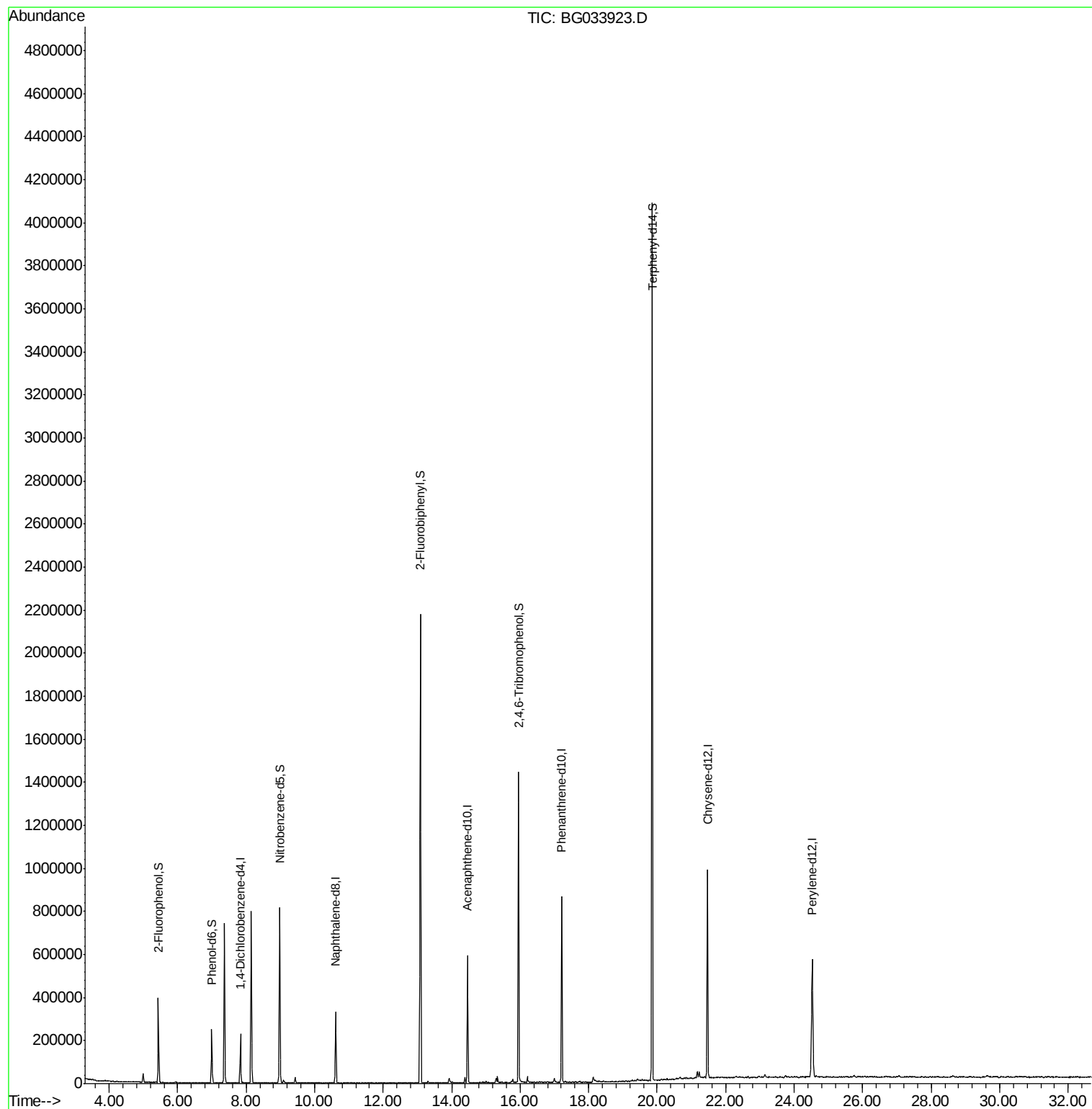
Target Compounds Qvalue

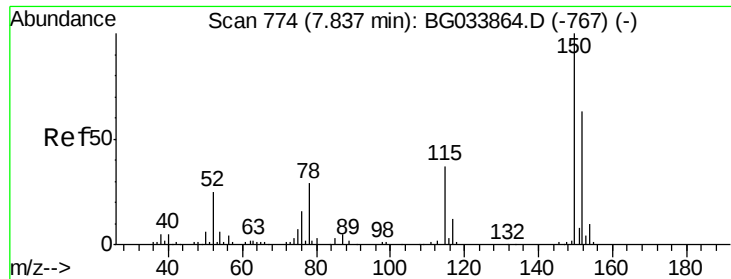
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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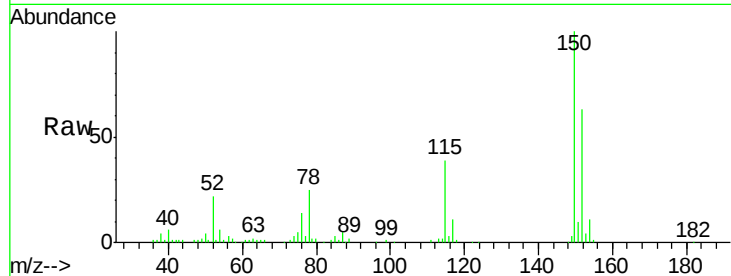


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.83 min Scan# 773
 Delta R.T. -0.00 min
 Lab File: BG033923.D
 Acq: 23 Apr 2018 16:33

Instrument :
 BNA_G
 ClientSampleId :
 041918-JETB-E-D-M

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	126.6	189.8
115	62.4	53.0	79.4

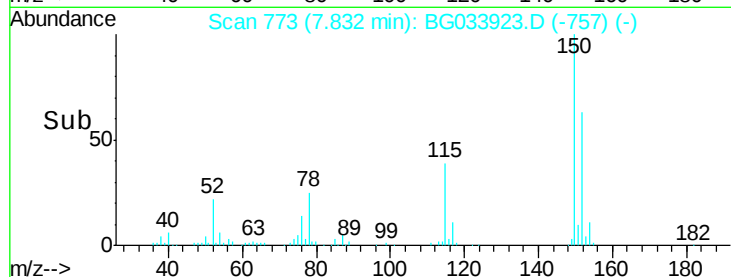
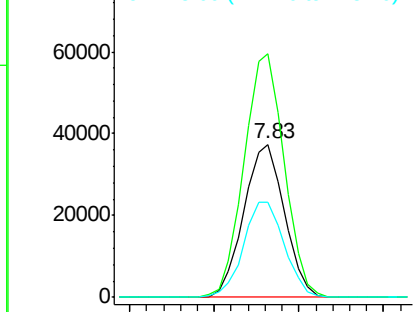


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

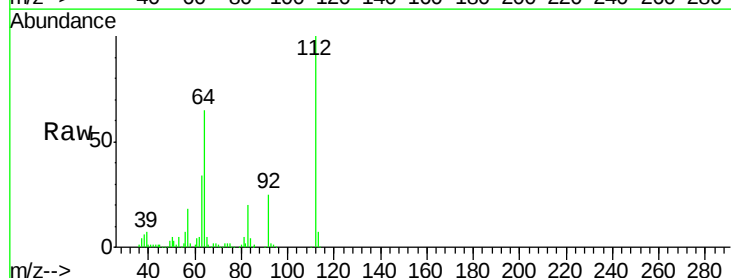
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 43.775 ng
 RT: 5.44 min Scan# 366
 Delta R.T. -0.00 min
 Lab File: BG033923.D
 Acq: 23 Apr 2018 16:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.2	56.3	84.5
63	33.6	30.1	45.1

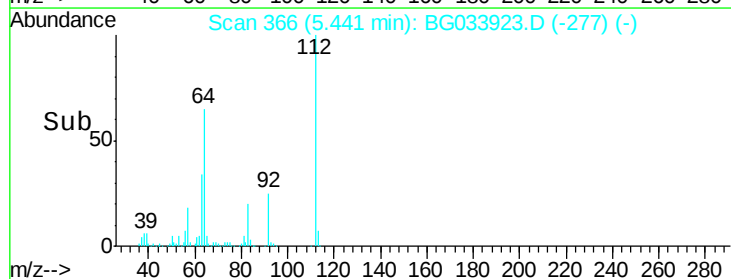
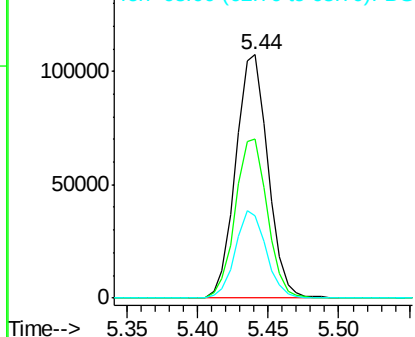


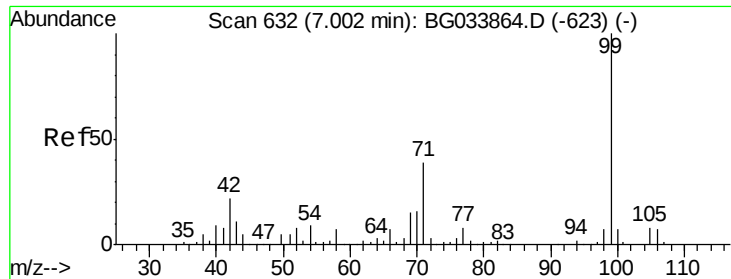
Abundance

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: 24.908 ng

RT: 6.99 min Scan# 630

Delta R.T. -0.01 min

Lab File: BG033923.D

Acq: 23 Apr 2018 16:33

Instrument :

BNA_G

ClientSampleId :

041918-JETB-E-D-M

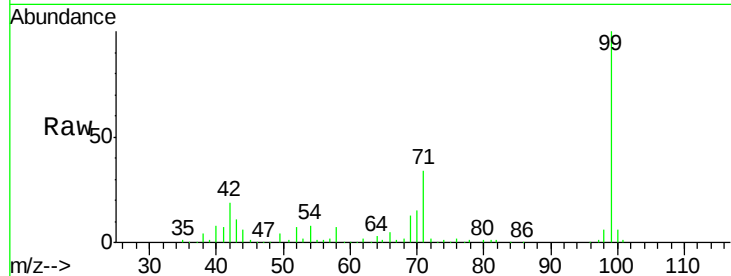
Tot Ion: 99 Resp: 141911

Ion Ratio Lower Upper

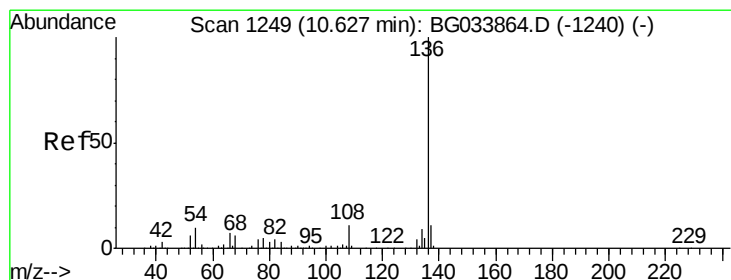
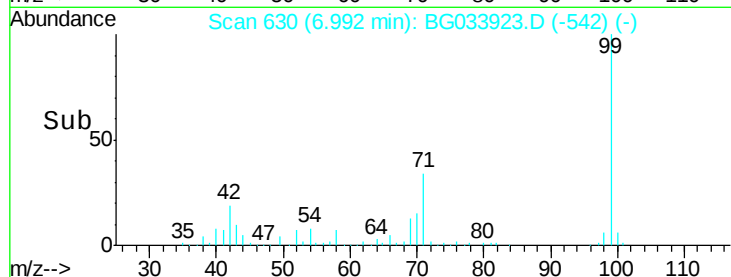
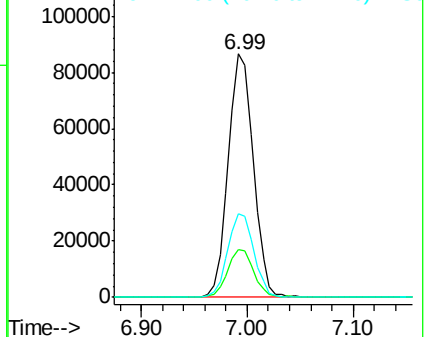
99 100

42 19.4 14.1 21.1

71 34.3 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: 10.61 min Scan# 1246

Delta R.T. -0.02 min

Lab File: BG033923.D

Acq: 23 Apr 2018 16:33

Tgt Ion: 136 Resp: 281264

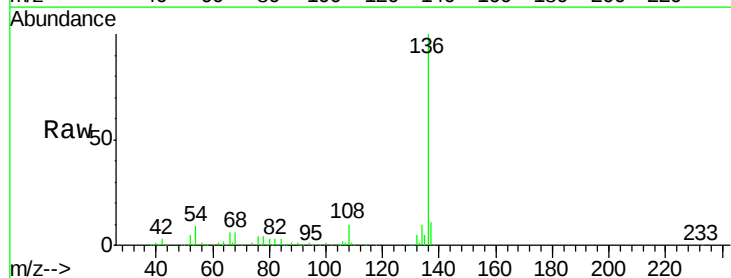
Ion Ratio Lower Upper

136 100

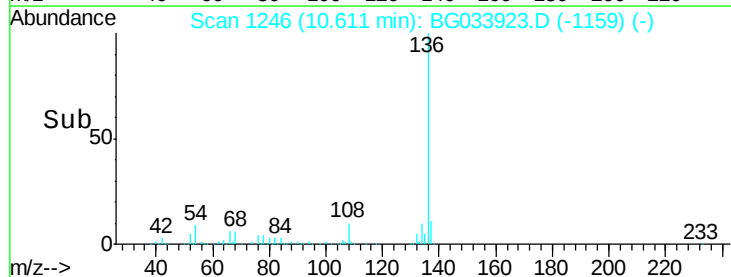
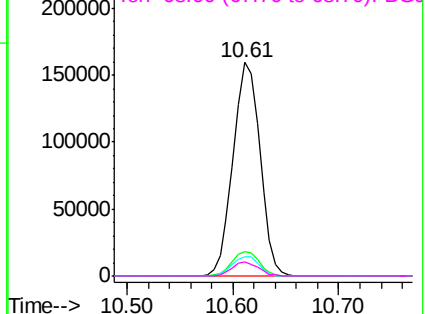
137 11.2 9.2 13.8

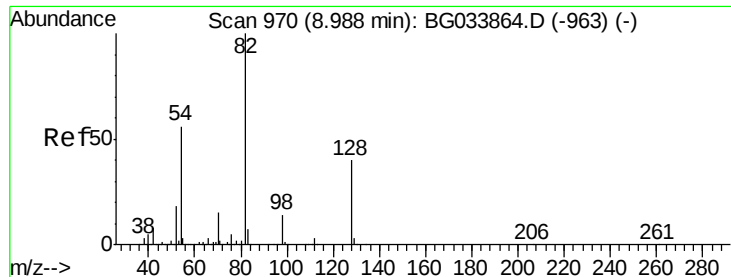
54 8.7 10.3 15.5#

68 6.3 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: 98.258 ng

RT: 8.98 min Scan# 968

Delta R.T. -0.01 min

Lab File: BG033923.D

Acq: 23 Apr 2018 16:33

Instrument :

BNA_G

ClientSampleId :

041918-JETB-E-D-M

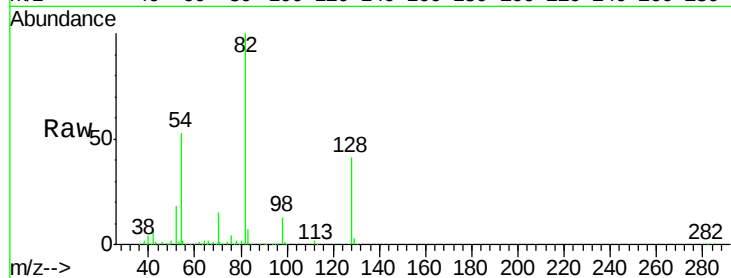
Tot Ion: 82 Resp: 485618

Ion Ratio Lower Upper

82 100

128 41.0 29.7 44.5

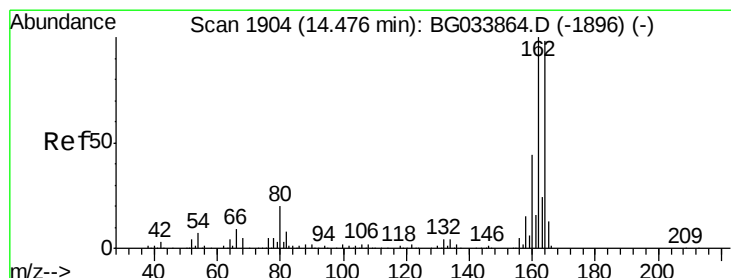
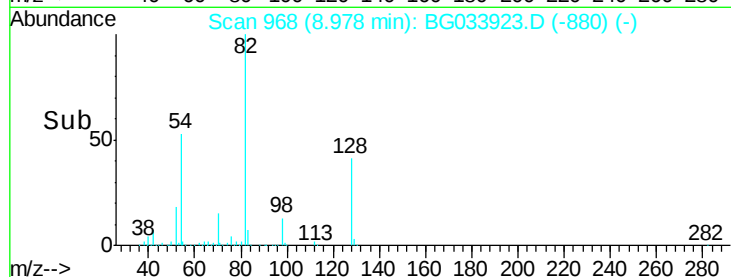
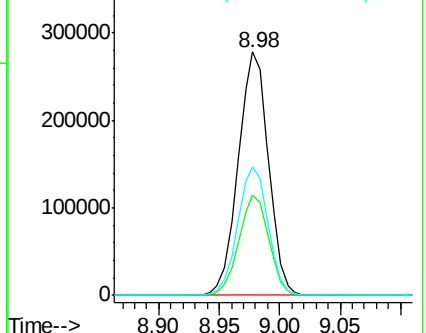
54 52.8 43.1 64.7



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: 14.46 min Scan# 1901

Delta R.T. -0.02 min

Lab File: BG033923.D

Acq: 23 Apr 2018 16:33

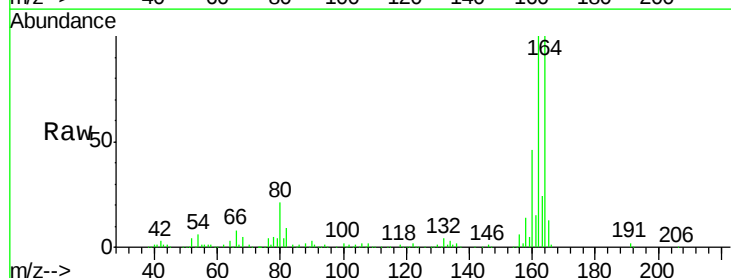
Tgt Ion: 164 Resp: 197902

Ion Ratio Lower Upper

164 100

162 100.2 78.8 118.2

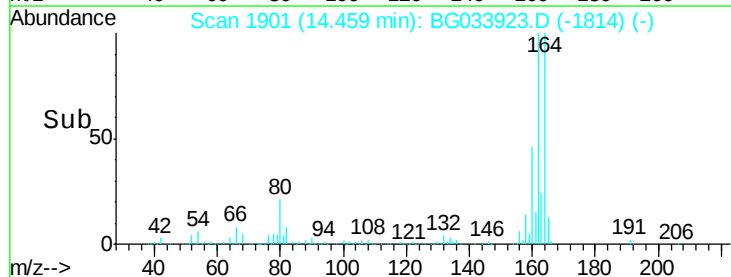
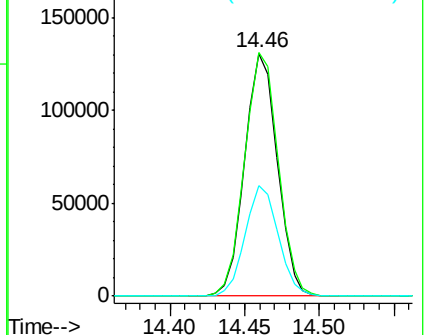
160 45.6 35.4 53.0

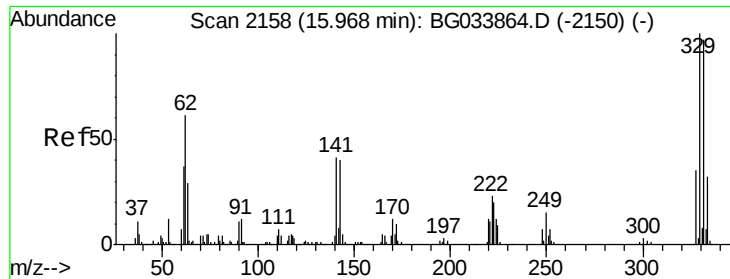


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

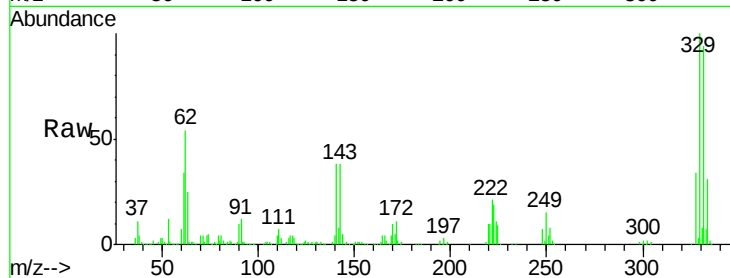




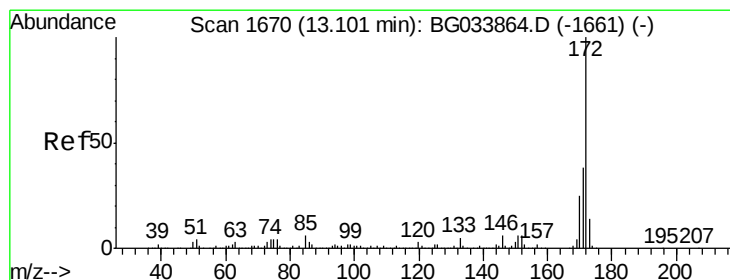
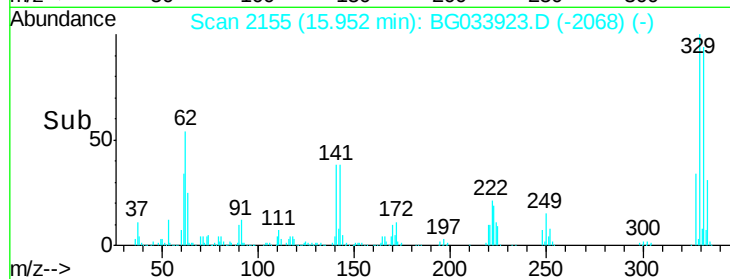
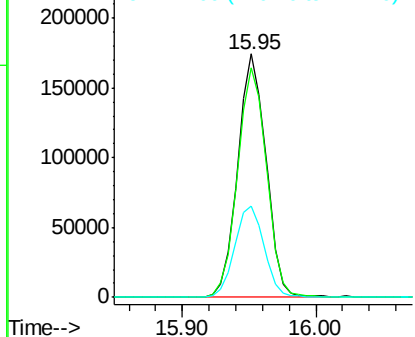
#41
 2,4,6-Tribromophenol
 Concen: 110.713 ng
 RT: 15.95 min Scan# 2155
 Delta R.T. -0.02 min
 Lab File: BG033923.D
 Acq: 23 Apr 2018 16:33

Instrument :
 BNA_G
 ClientSampleId :
 041918-JETB-E-D-M

Tot Ion:330 Resp: 255620
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 39.3 25.2 37.8#

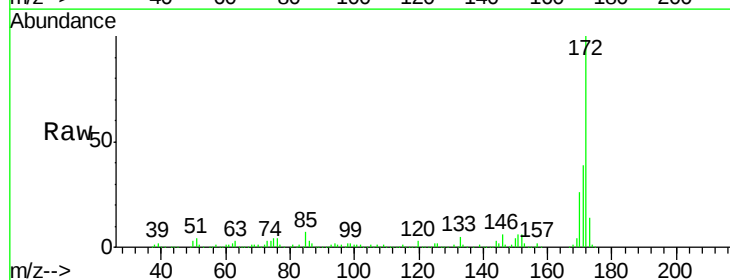


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

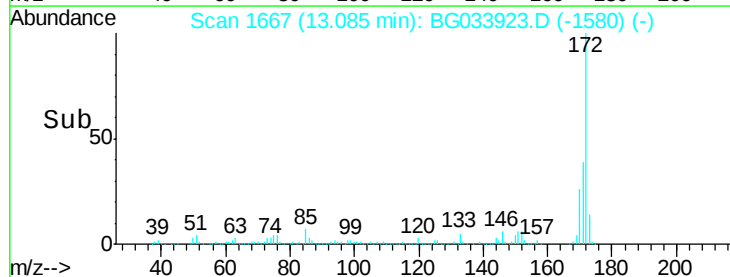
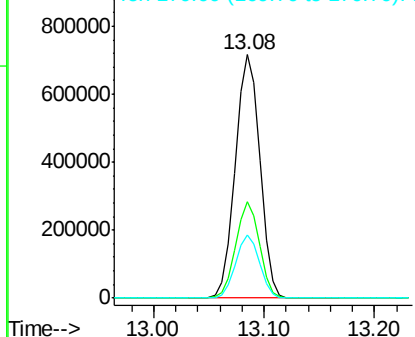


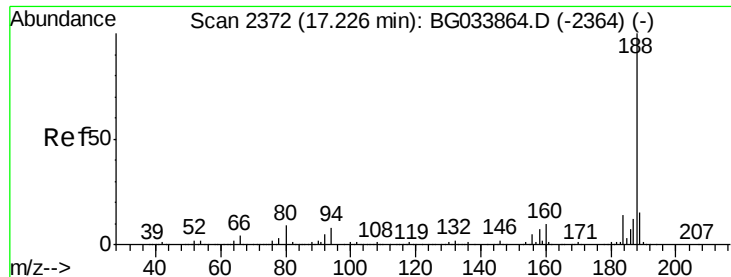
#44
 2-Fluorobiphenyl
 Concen: 83.358 ng
 RT: 13.08 min Scan# 1667
 Delta R.T. -0.02 min
 Lab File: BG033923.D
 Acq: 23 Apr 2018 16:33

Tgt Ion:172 Resp: 1122967
 Ion Ratio Lower Upper
 172 100
 171 39.4 30.0 45.0
 170 25.8 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

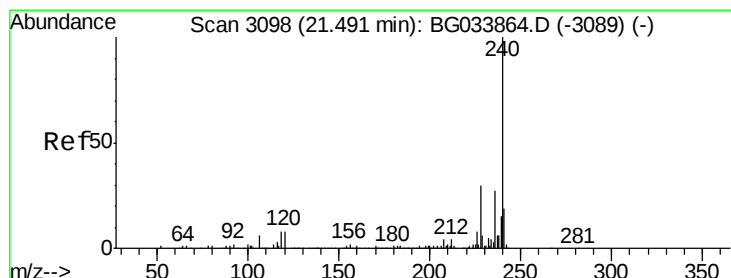
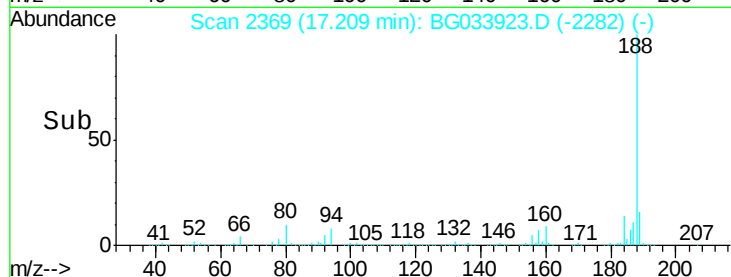
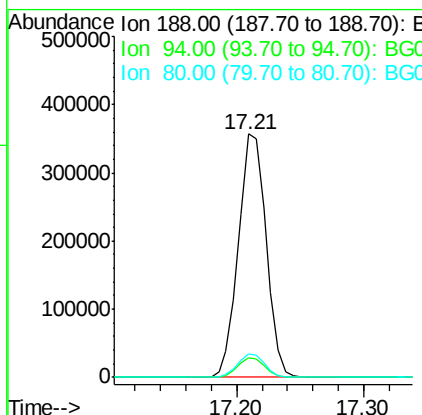
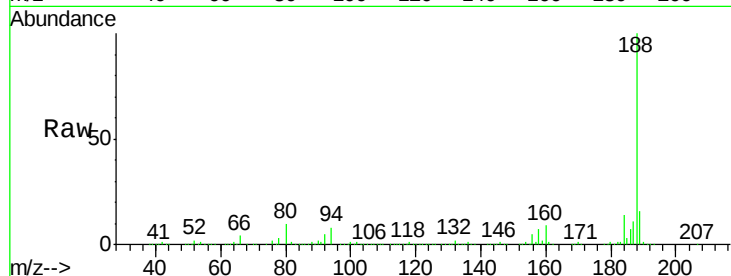




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.21 min Scan# 2369
Delta R.T. -0.02 min
Lab File: BG033923.D
Acq: 23 Apr 2018 16:33

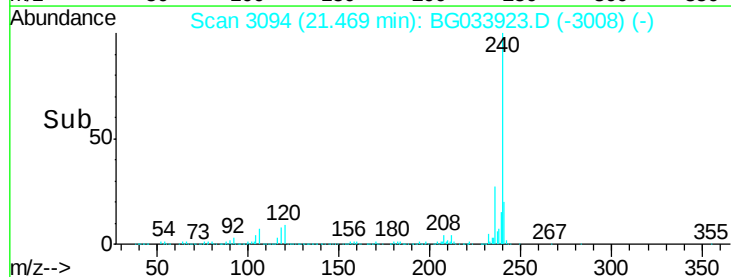
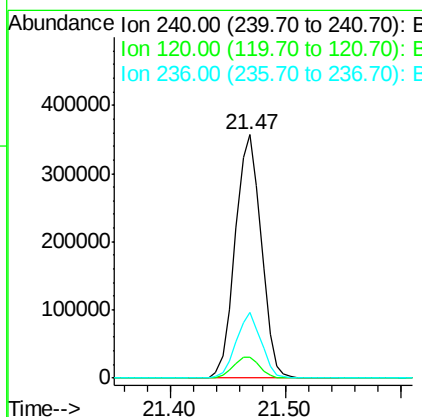
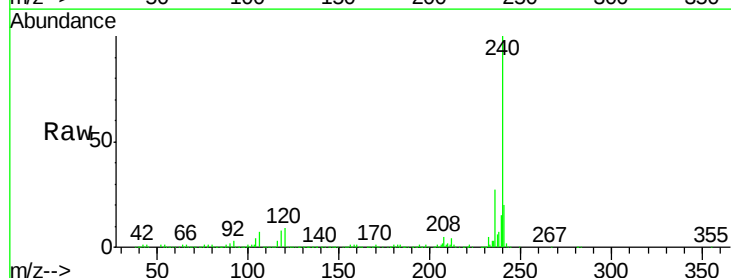
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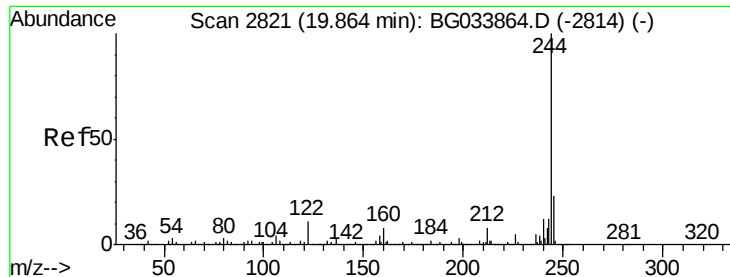
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.9	10.3
80	9.6	7.7	11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.47 min Scan# 3094
Delta R.T. -0.02 min
Lab File: BG033923.D
Acq: 23 Apr 2018 16:33

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.8	6.8	10.2
236	26.8	20.9	31.3





#78

Terphenyl-d14

Concen: 75.509 ng

RT: 19.85 min Scan# 2819

Delta R.T. -0.01 min

Lab File: BG033923.D

Acq: 23 Apr 2018 16:33

Instrument :

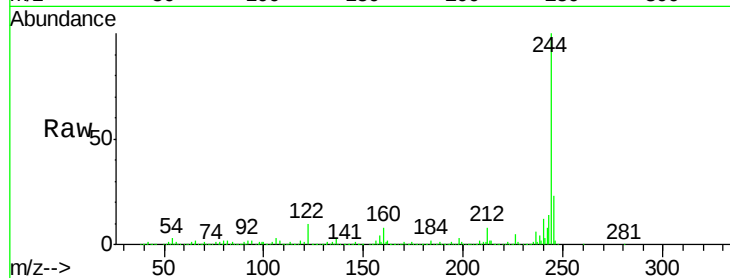
BNA_G

ClientSampleId :

041918-JETB-E-D-M

Tot Ion:244 Resp: 1874681

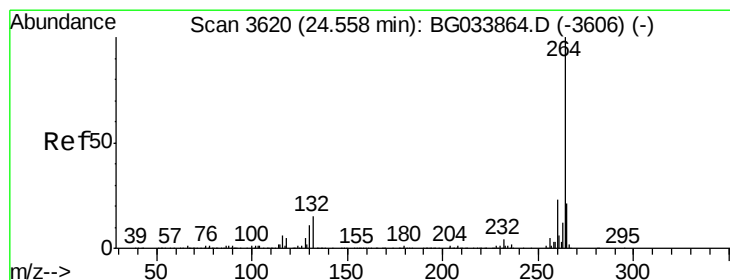
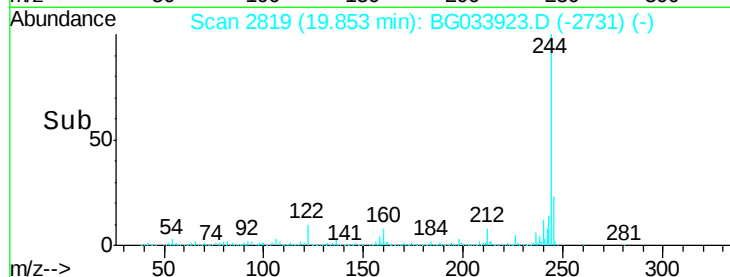
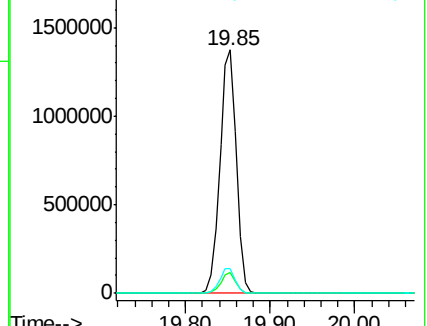
Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.8	8.8
122	10.1	7.0	10.4



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: 24.53 min Scan# 3615

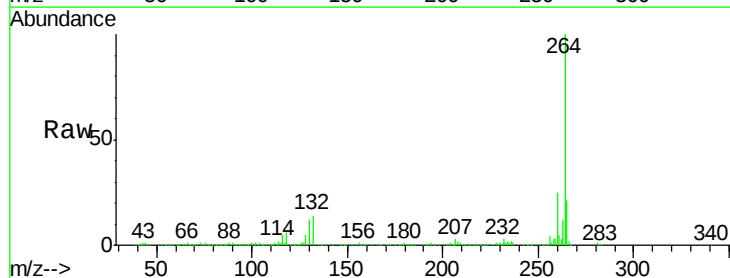
Delta R.T. -0.03 min

Lab File: BG033923.D

Acq: 23 Apr 2018 16:33

Tgt Ion:264 Resp: 566194

Ion	Ratio	Lower	Upper
264	100		
260	24.5	17.4	26.0
265	21.4	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

