

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042018\
 Data File : BG033901.D
 Acq On : 21 Apr 2018 1:57
 Operator : SJ/JU
 Sample : J2473-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 041818-DBRI-F-U-S

Quant Time: Apr 21 05:52:39 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	59466	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	253391	20.00	ng	-0.01
38) Acenaphthene-d10	14.46	164	159554	20.00	ng	-0.01
63) Phenanthrene-d10	17.21	188	434714	20.00	ng	-0.01
75) Chrysene-d12	21.47	240	517610	20.00	ng	-0.02
86) Perylene-d12	24.53	264	523601	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	164312	44.11	ng	0.00
7) Phenol-d6	7.00	99	139025	25.59	ng	0.00
23) Nitrobenzene-d5	8.98	82	444898	99.92	ng	0.00
41) 2,4,6-Tribromophenol	15.96	330	205522	110.41	ng	-0.01
44) 2-Fluorobiphenyl	13.09	172	1076301	99.10	ng	-0.01
78) Terphenyl-d14	19.86	244	2155739	93.57	ng	0.00

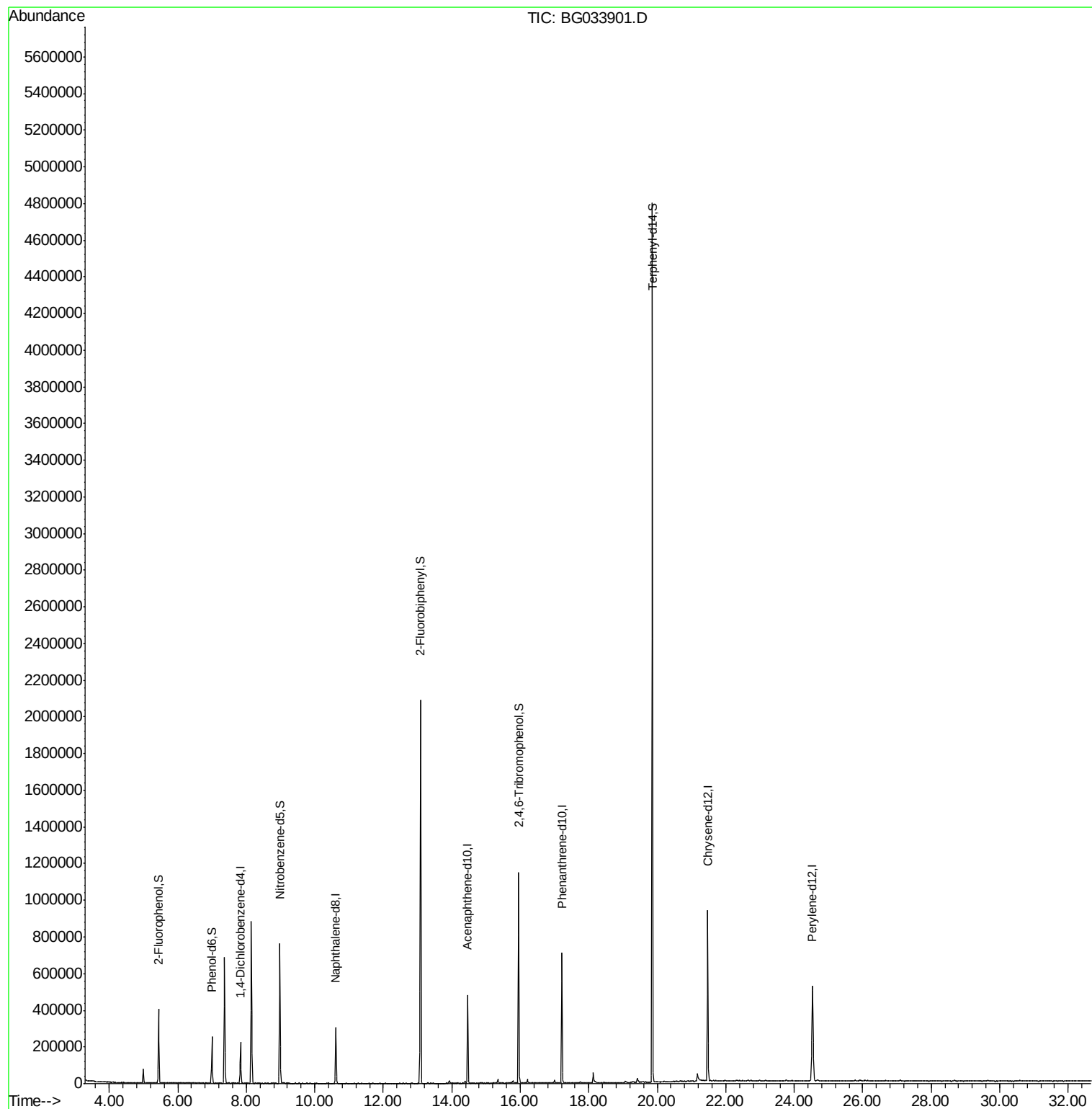
Target Compounds Qvalue

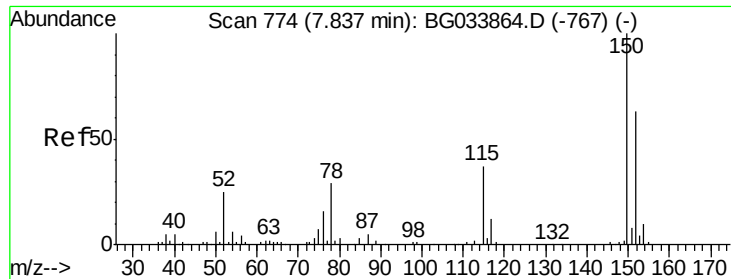
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.83 min Scan# 773

Delta R.T. -0.01 min

Lab File: BG033901.D

Acq: 21 Apr 2018 1:57

Instrument :

BNA_G

ClientSampleId :

041818-DBRI-F-U-S

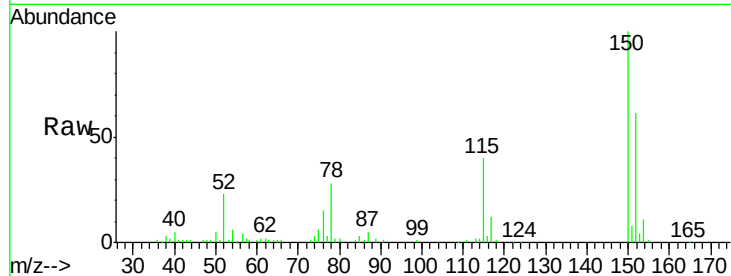
Tot Ion:152 Resp: 59466

Ion Ratio Lower Upper

152 100

150 164.6 126.6 189.8

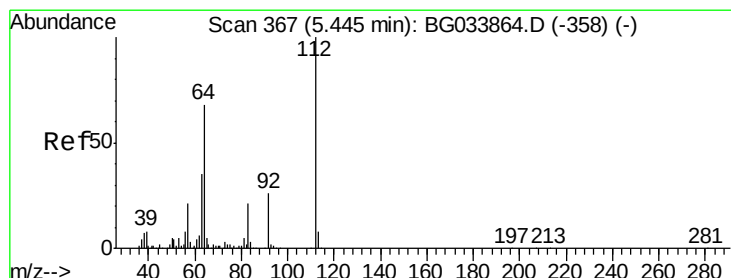
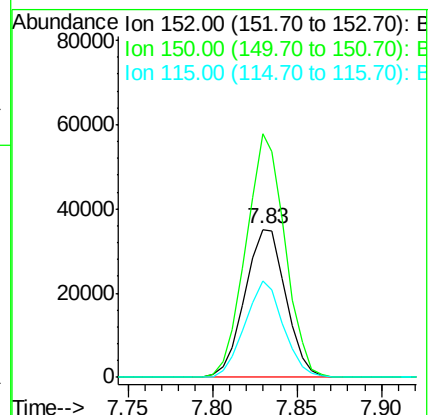
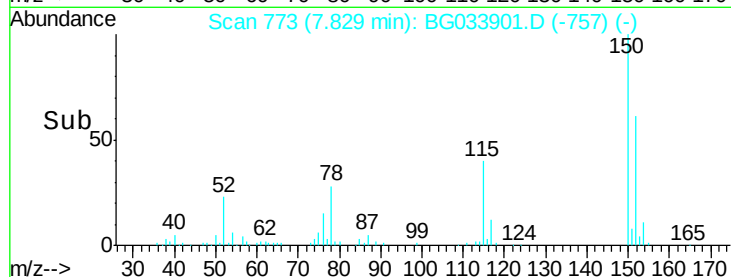
115 65.0 53.0 79.4



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: 44.114 ng

RT: 5.44 min Scan# 366

Delta R.T. -0.01 min

Lab File: BG033901.D

Acq: 21 Apr 2018 1:57

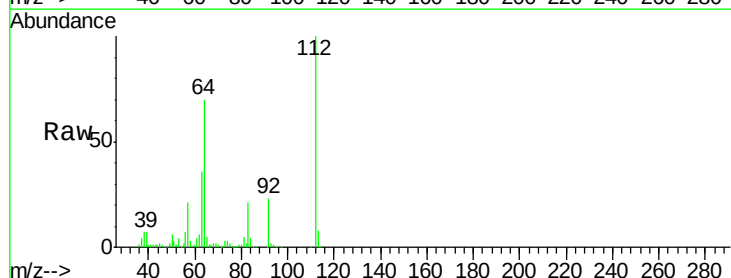
Tgt Ion:112 Resp: 164312

Ion Ratio Lower Upper

112 100

64 69.7 56.3 84.5

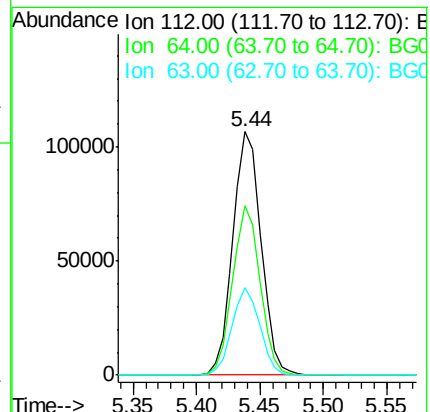
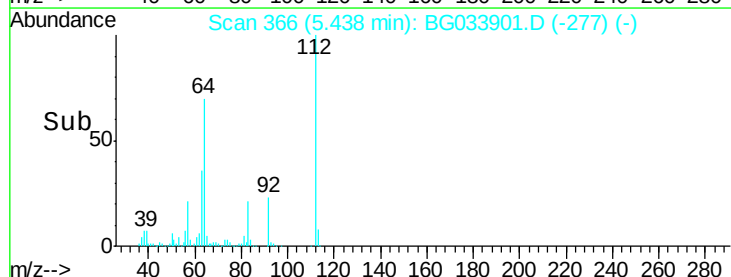
63 35.7 30.1 45.1

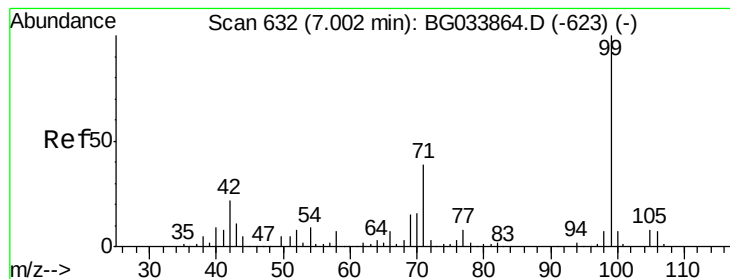


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 25.590 ng

RT: 7.00 min Scan# 631

Delta R.T. -0.01 min

Lab File: BG033901.D

Acq: 21 Apr 2018 1:57

Instrument :

BNA_G

ClientSampleId :

041818-DBRI-F-U-S

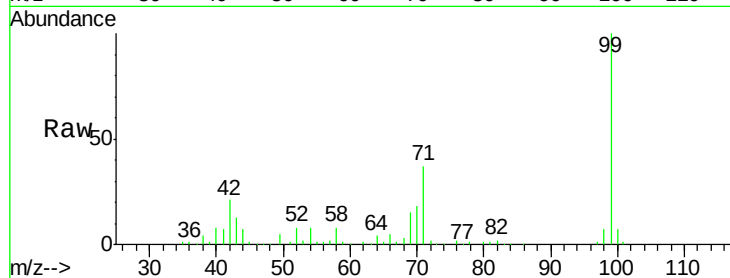
Tot Ion: 99 Resp: 139025

Ion Ratio Lower Upper

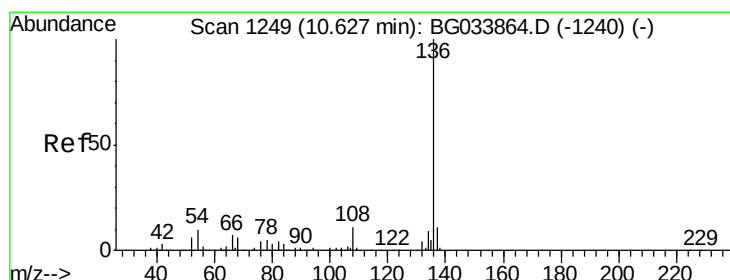
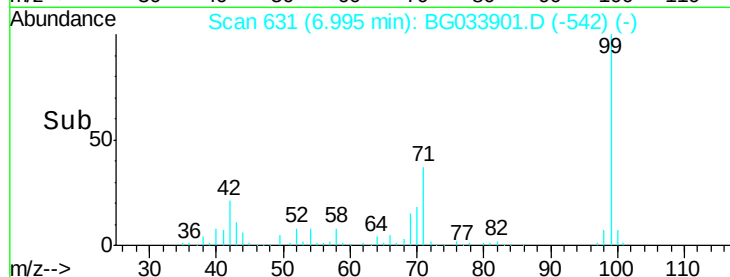
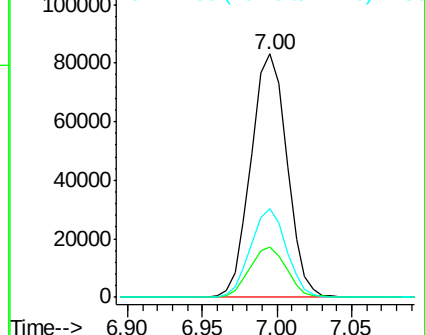
99 100

42 20.7 14.1 21.1

71 36.7 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# 1247

Delta R.T. -0.01 min

Lab File: BG033901.D

Acq: 21 Apr 2018 1:57

Tgt Ion: 136 Resp: 253391

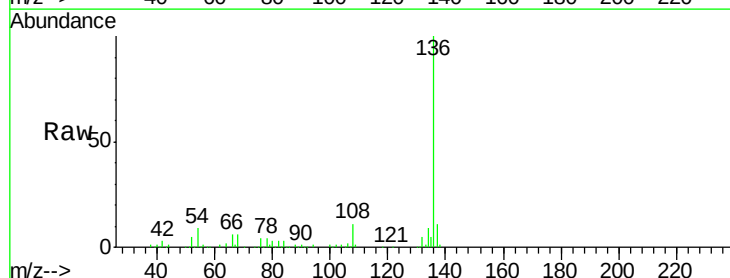
Ion Ratio Lower Upper

136 100

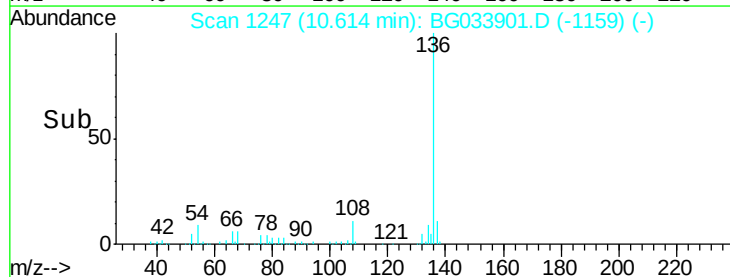
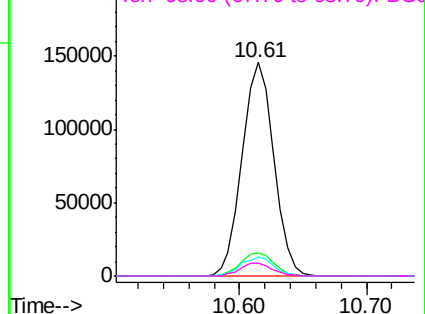
137 11.1 9.2 13.8

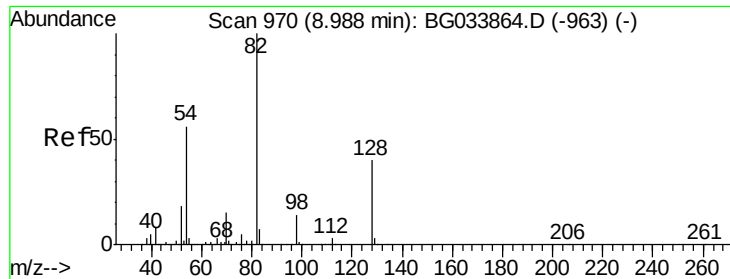
54 8.9 10.3 15.5#

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: 99.921 ng

RT: 8.98 min Scan# 969

Delta R.T. -0.01 min

Lab File: BG033901.D

Acq: 21 Apr 2018 1:57

Instrument :

BNA_G

ClientSampleId :

041818-DBRI-F-U-S

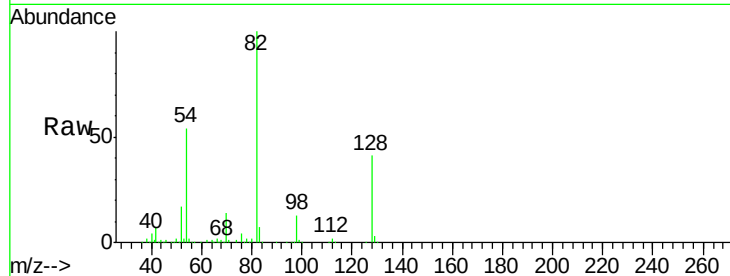
Tot Ion: 82 Resp: 444898

Ion Ratio Lower Upper

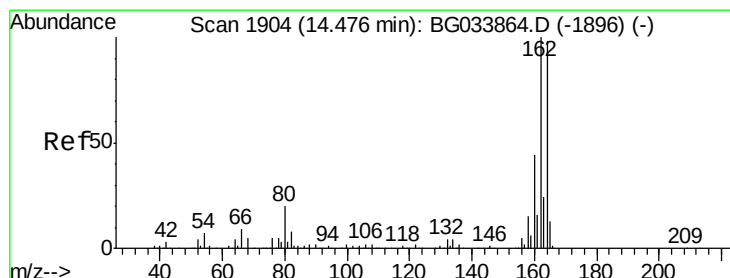
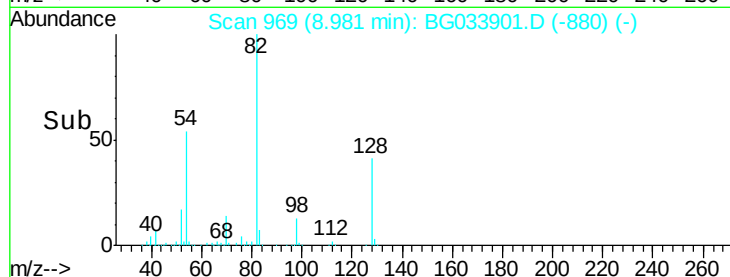
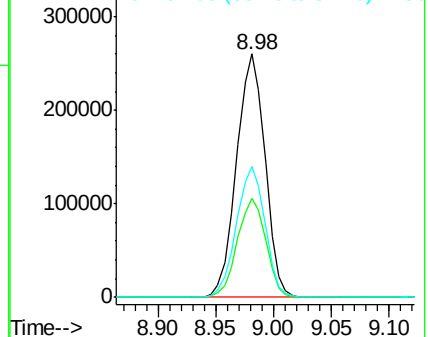
82 100

128 40.6 29.7 44.5

54 54.1 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# 1902

Delta R.T. -0.01 min

Lab File: BG033901.D

Acq: 21 Apr 2018 1:57

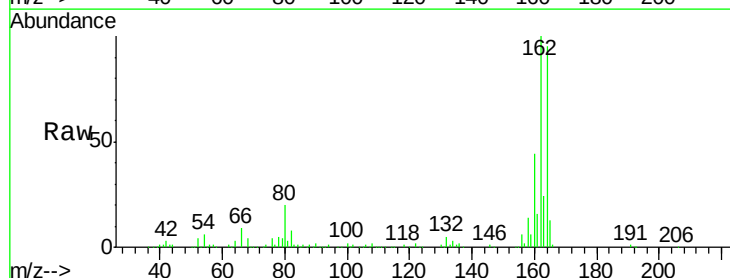
Tgt Ion:164 Resp: 159554

Ion Ratio Lower Upper

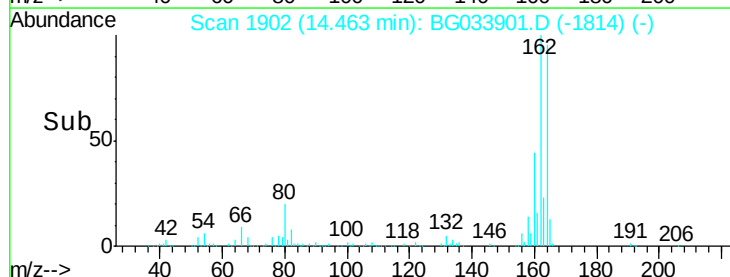
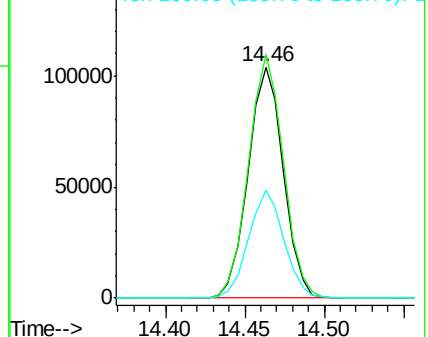
164 100

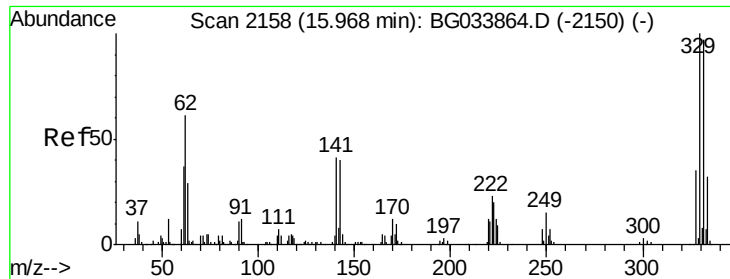
162 105.5 78.8 118.2

160 46.7 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

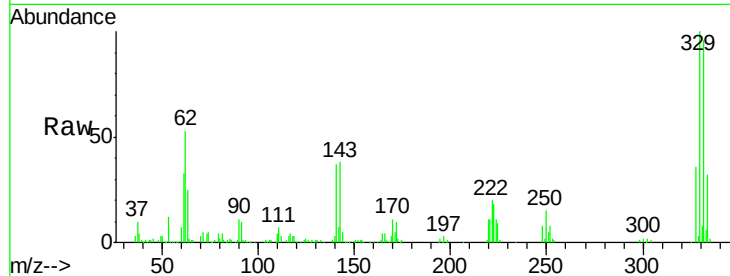




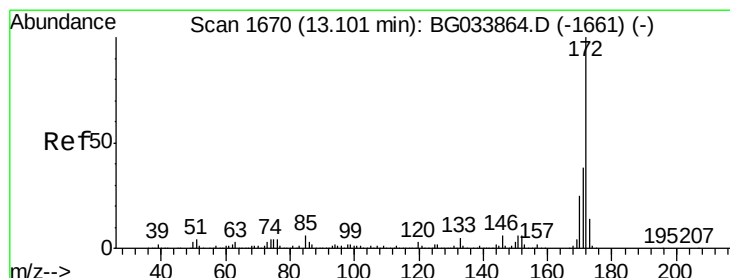
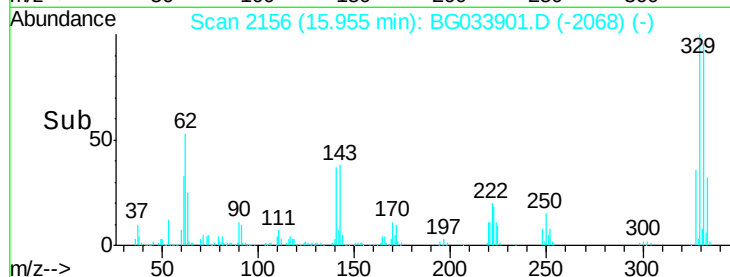
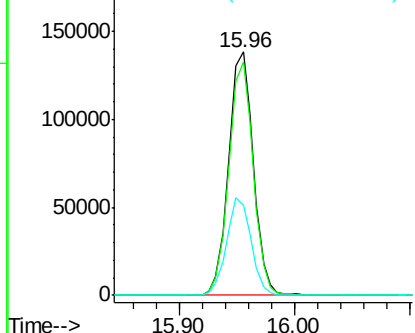
#41
 2,4,6-Tribromophenol
 Concen: 110.409 ng
 RT: 15.96 min Scan# 2156
 Delta R.T. -0.01 min
 Lab File: BG033901.D
 Acq: 21 Apr 2018 1:57

Instrument :
 BNA_G
 ClientSampleId :
 041818-DBRI-F-U-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	39.6	25.2	37.8#

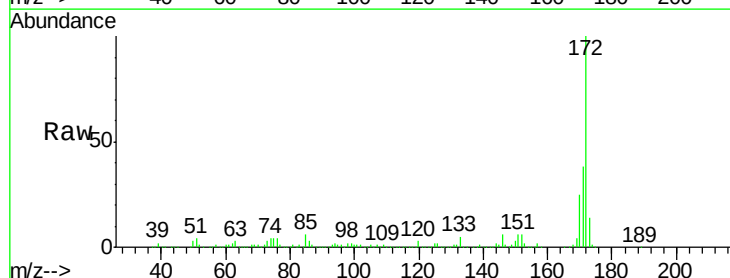


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

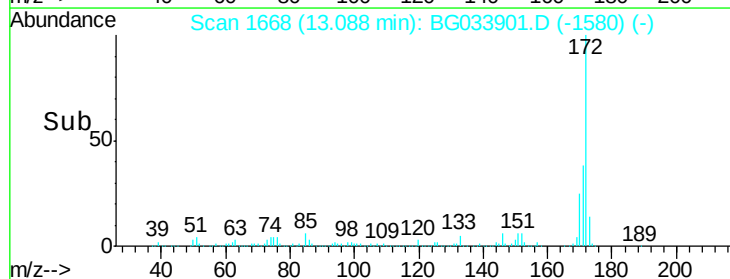
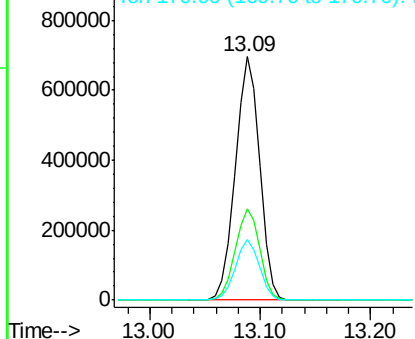


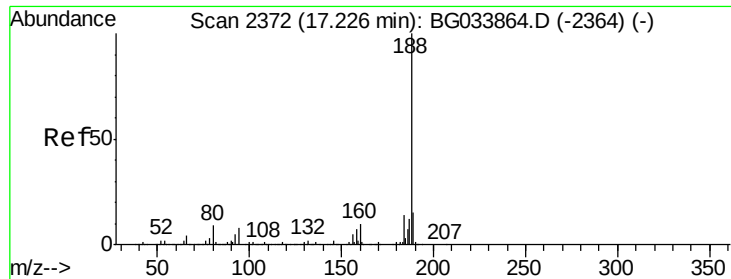
#44
 2-Fluorobiphenyl
 Concen: 99.096 ng
 RT: 13.09 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BG033901.D
 Acq: 21 Apr 2018 1:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	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: 17.21 min Scan# 2370

Delta R.T. -0.01 min

Lab File: BG033901.D

Acq: 21 Apr 2018 1:57

Instrument :

BNA_G

ClientSampleId :

041818-DBRI-F-U-S

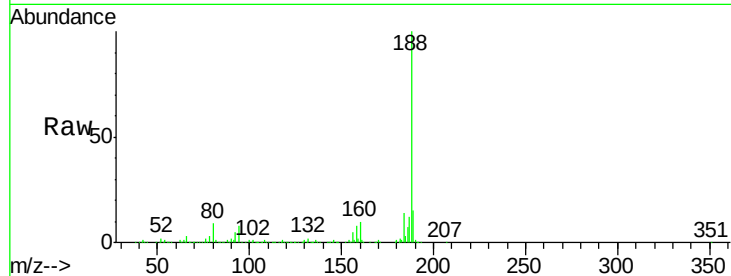
Tot Ion:188 Resp: 434714

Ion Ratio Lower Upper

188 100

94 8.2 6.9 10.3

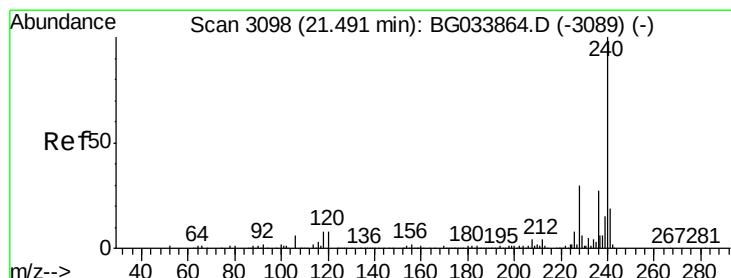
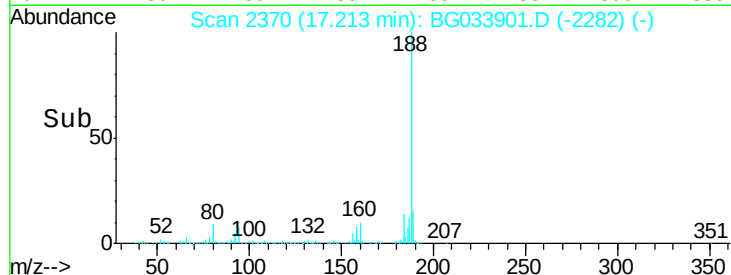
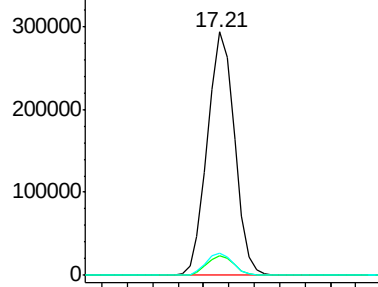
80 9.3 7.7 11.5



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: 21.47 min Scan# 3095

Delta R.T. -0.02 min

Lab File: BG033901.D

Acq: 21 Apr 2018 1:57

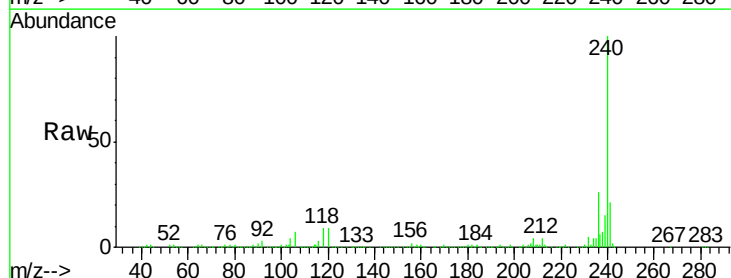
Tgt Ion:240 Resp: 517610

Ion Ratio Lower Upper

240 100

120 8.9 6.8 10.2

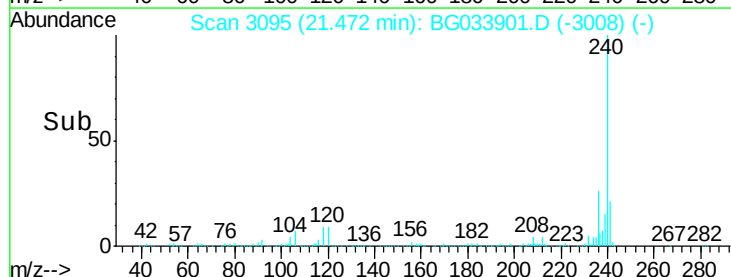
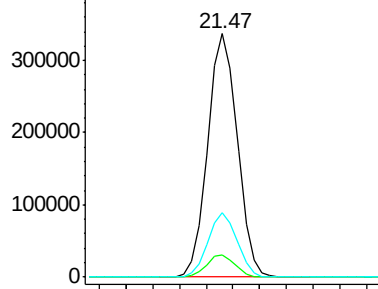
236 26.4 20.9 31.3

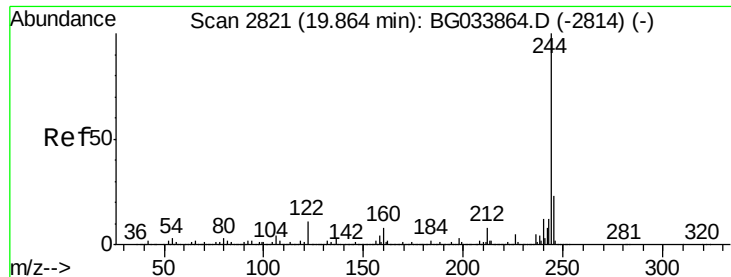


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 93.567 ng

RT: 19.86 min Scan# 2820

Delta R.T. -0.01 min

Lab File: BG033901.D

Acq: 21 Apr 2018 1:57

Instrument :

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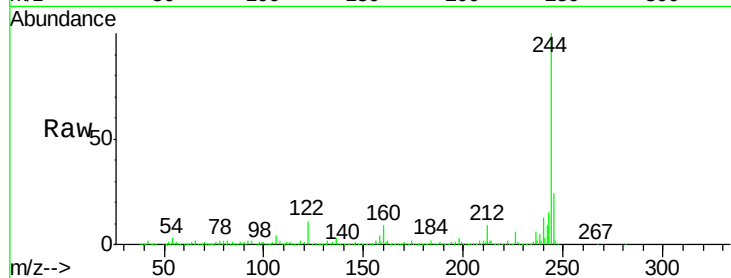
Tot Ion:244 Resp: 2155739

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

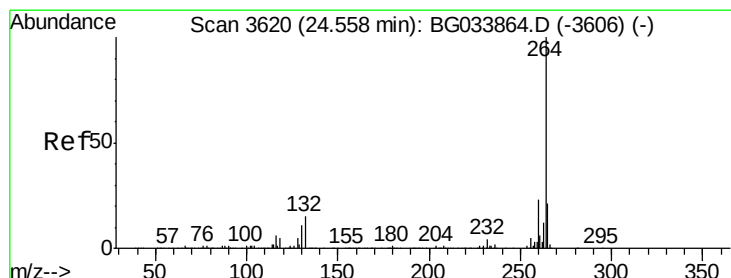
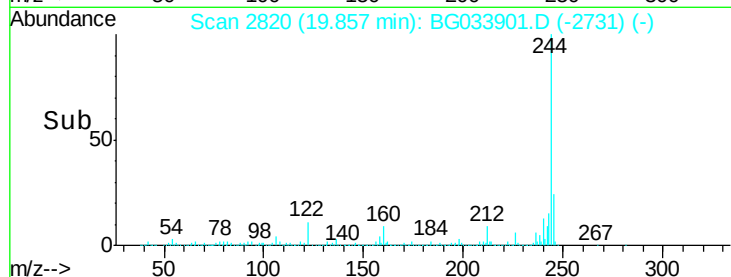
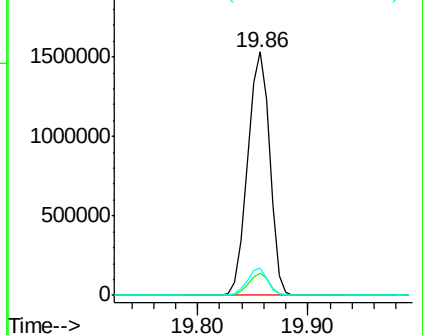
122 11.1 7.0 10.4#



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# 3616

Delta R.T. -0.02 min

Lab File: BG033901.D

Acq: 21 Apr 2018 1:57

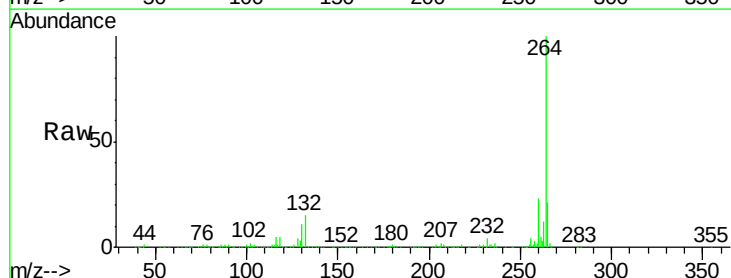
Tgt Ion:264 Resp: 523601

Ion Ratio Lower Upper

264 100

260 22.6 17.4 26.0

265 21.3 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

