

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042318\
 Data File : BG033939.D
 Acq On : 24 Apr 2018 3:36
 Operator : SJ/JU
 Sample : J2493-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RS-RO-RT-27438

Quant Time: Apr 24 08:37:19 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	69182	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	312949	20.00	ng	-0.01
38) Acenaphthene-d10	14.46	164	207255	20.00	ng	-0.02
63) Phenanthrene-d10	17.21	188	578012	20.00	ng	-0.01
75) Chrysene-d12	21.47	240	629625	20.00	ng	-0.02
86) Perylene-d12	24.53	264	613246	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	547325	126.31	ng	0.00
7) Phenol-d6	7.00	99	673798	106.61	ng	0.00
23) Nitrobenzene-d5	8.97	82	506919	92.18	ng	-0.01
41) 2,4,6-Tribromophenol	15.95	330	334872	138.49	ng	-0.02
44) 2-Fluorobiphenyl	13.08	172	1229023	87.11	ng	-0.02
78) Terphenyl-d14	19.85	244	2309832	82.42	ng	-0.01

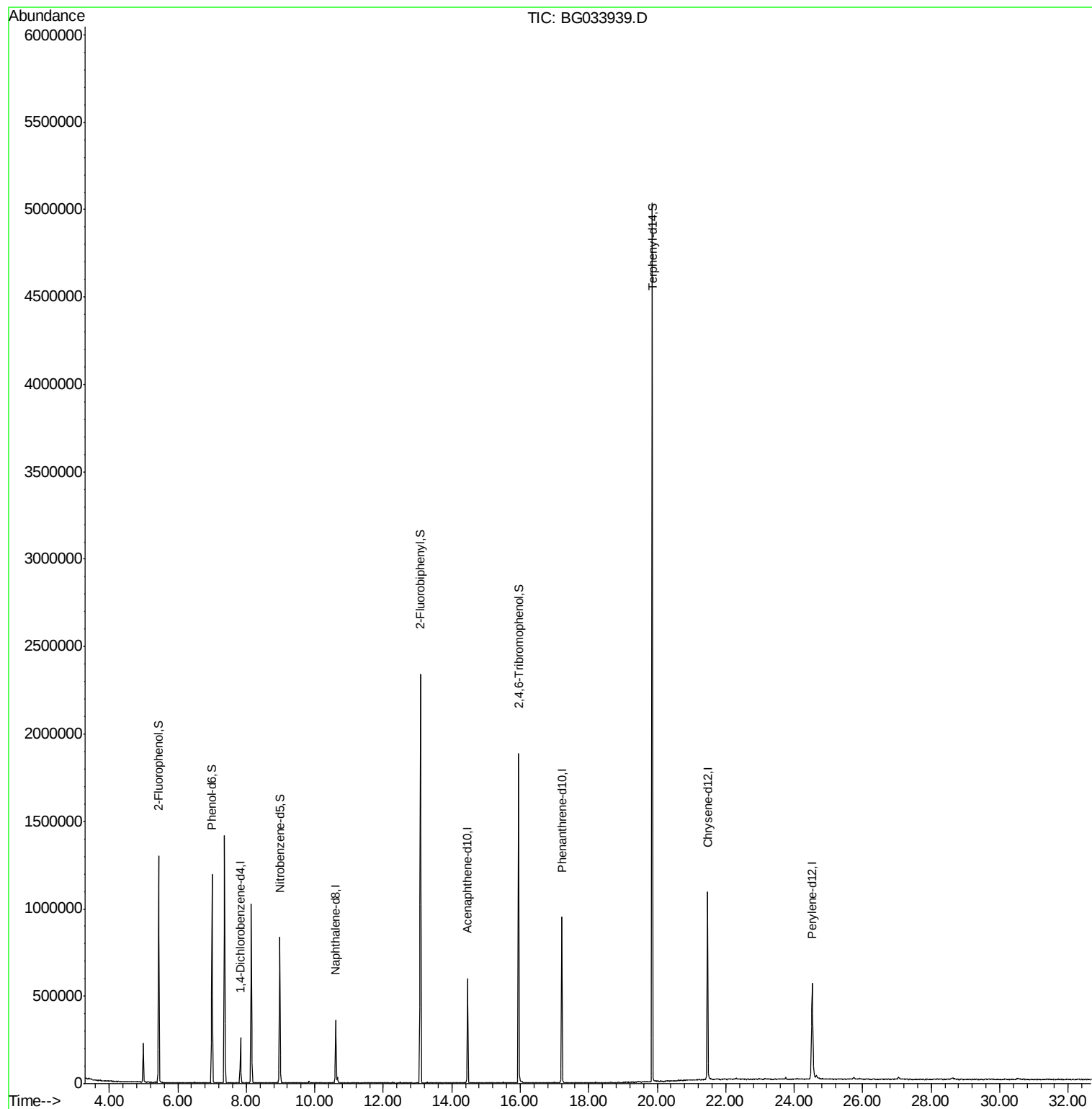
Target Compounds Qvalue

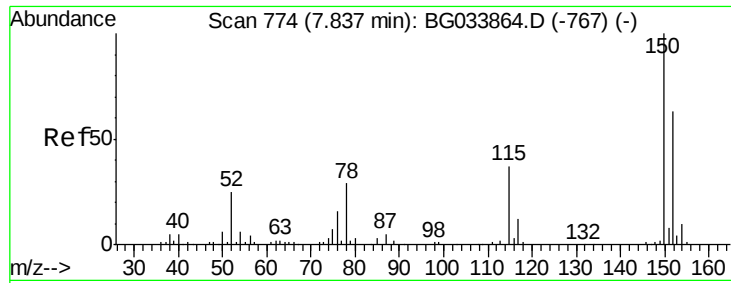
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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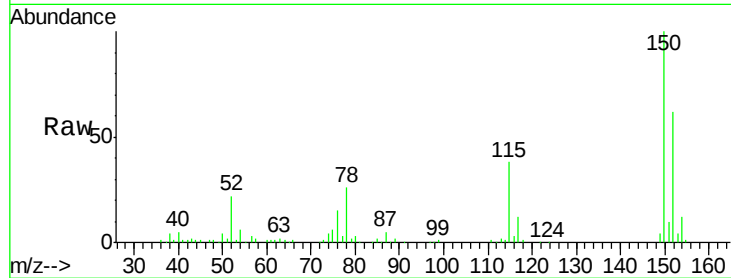


#1

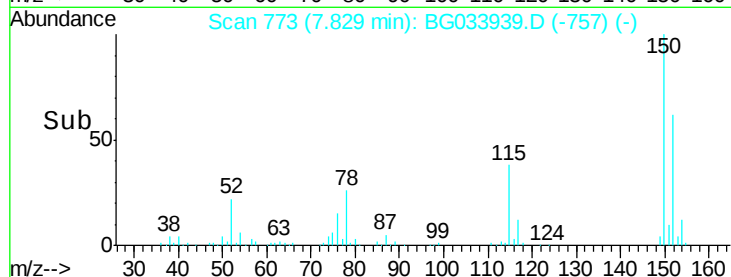
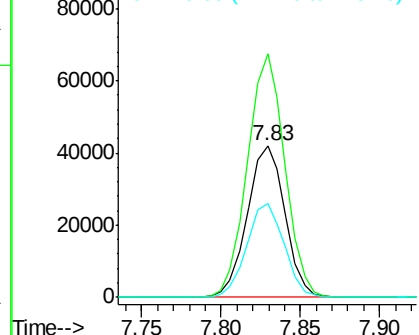
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 773
Delta R.T. -0.01 min
Lab File: BG033939.D
Acq: 24 Apr 2018 3:36

Instrument :
BNA_G
ClientSampleId :
RS-RO-RT-27438

Tot Ion:152 Resp: 69182
Ion Ratio Lower Upper
152 100
150 160.3 126.6 189.8
115 61.4 53.0 79.4



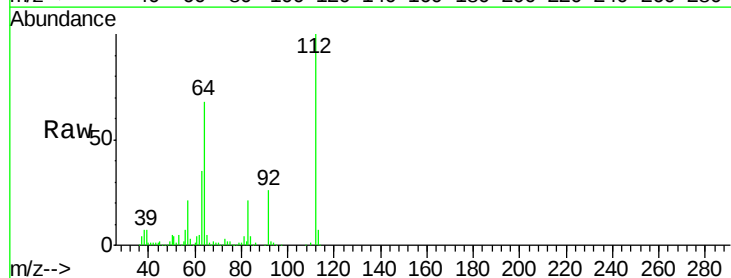
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



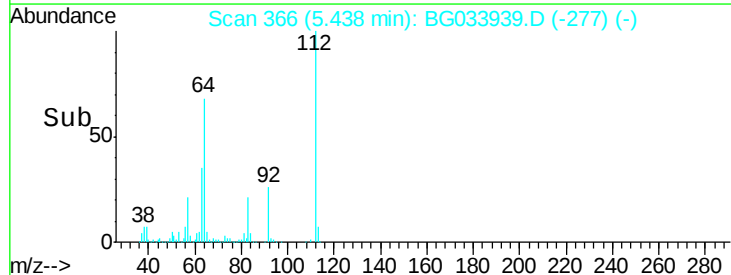
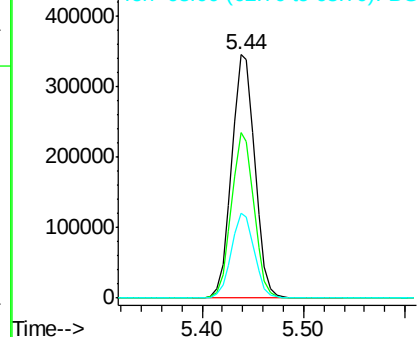
#5

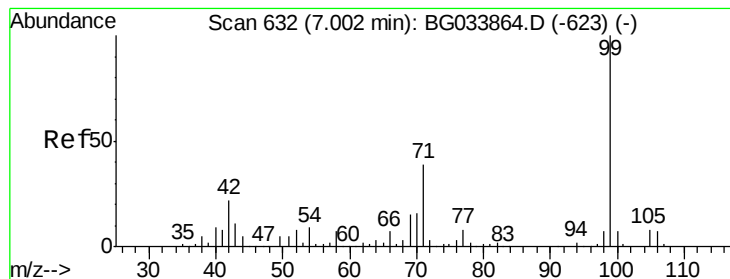
2-Fluorophenol
Concen: 126.308 ng
RT: 5.44 min Scan# 366
Delta R.T. -0.01 min
Lab File: BG033939.D
Acq: 24 Apr 2018 3:36

Tgt Ion:112 Resp: 547325
Ion Ratio Lower Upper
112 100
64 67.8 56.3 84.5
63 34.7 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: 106.608 ng

RT: 7.00 min Scan# 632

Delta R.T. -0.00 min

Lab File: BG033939.D

Acq: 24 Apr 2018 3:36

Instrument :

BNA_G

ClientSampleId :

RS-RO-RT-27438

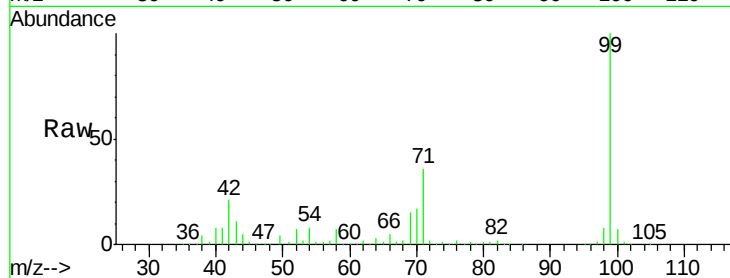
Tot Ion: 99 Resp: 673798

Ion Ratio Lower Upper

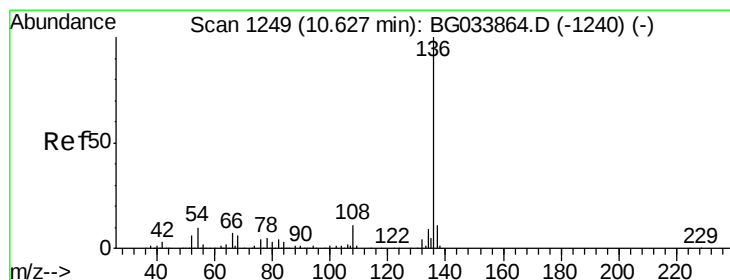
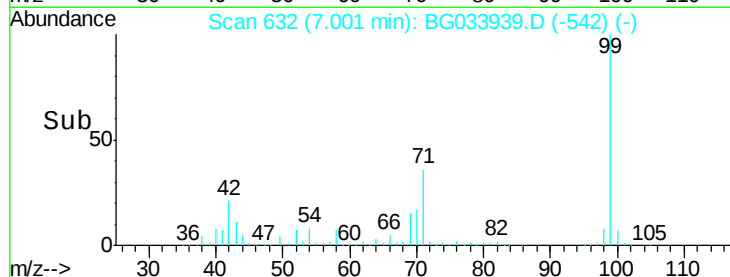
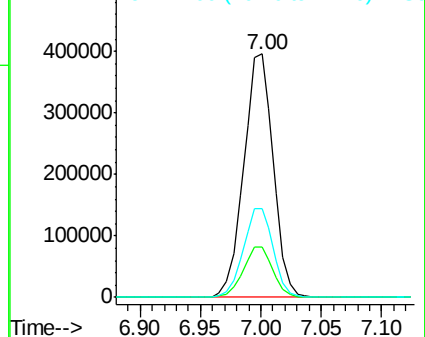
99 100

42 20.8 14.1 21.1

71 36.2 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: BG033939.D

Acq: 24 Apr 2018 3:36

Tgt Ion: 136 Resp: 312949

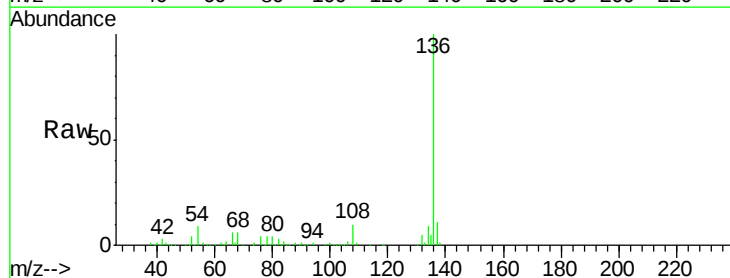
Ion Ratio Lower Upper

136 100

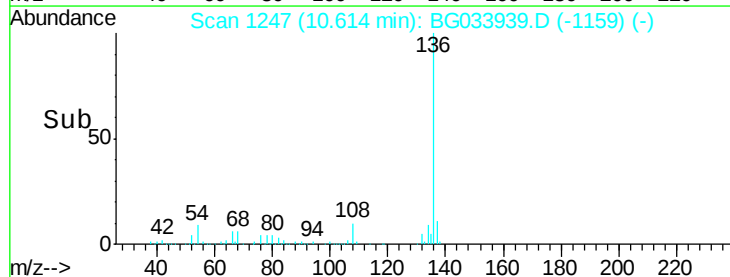
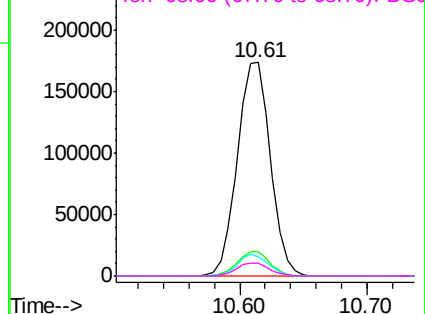
137 11.4 9.2 13.8

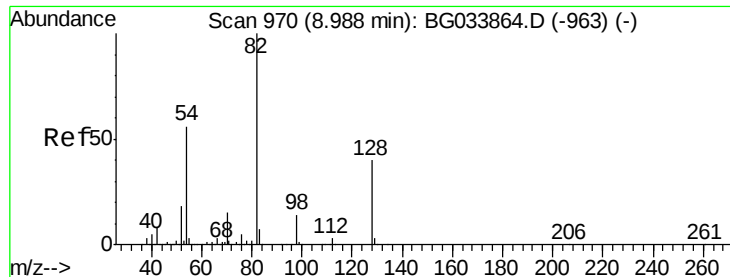
54 8.9 10.3 15.5#

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

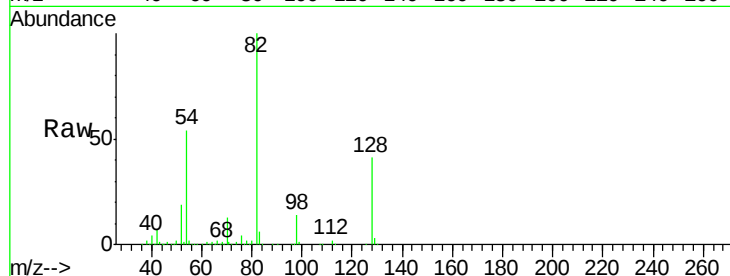




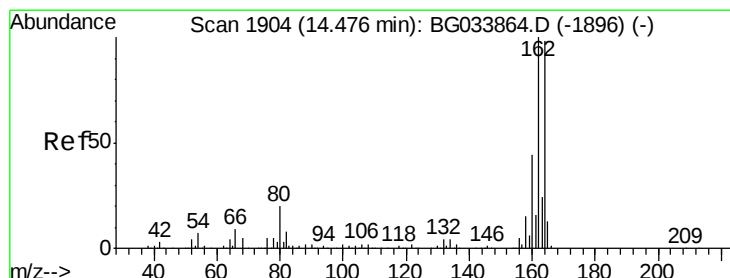
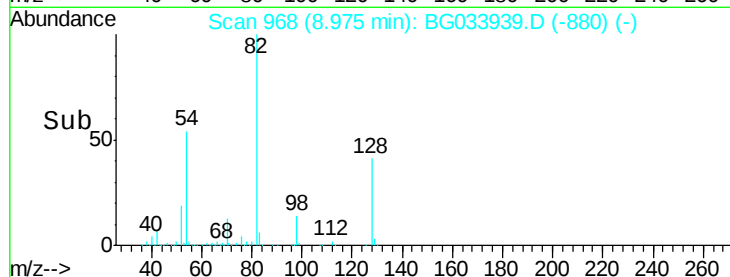
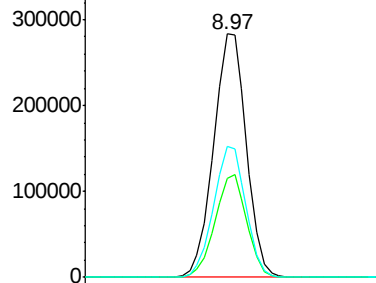
#23
 Nitrobenzene-d5
 Concen: 92.183 ng
 RT: 8.97 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BG033939.D
 Acq: 24 Apr 2018 3:36

Instrument :
 BNA_G
 ClientSampleId :
 RS-RO-RT-27438

Tot Ion	82	Resp	506919
Ion Ratio	100	Lower	Upper
128	40.9	29.7	44.5
54	54.0	43.1	64.7

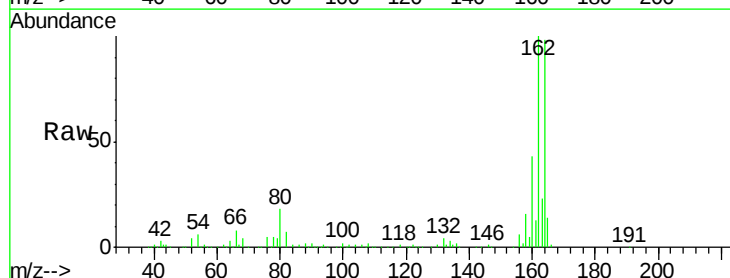


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

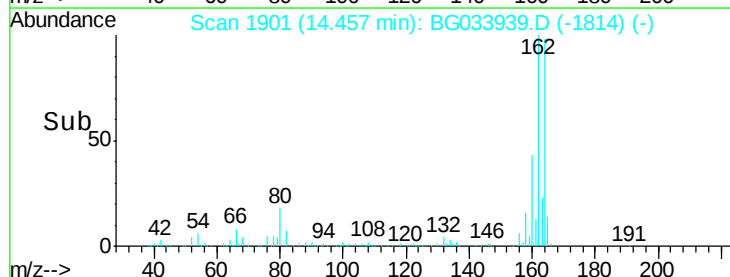
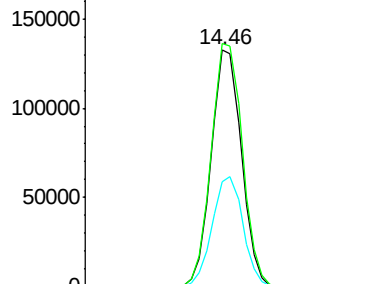


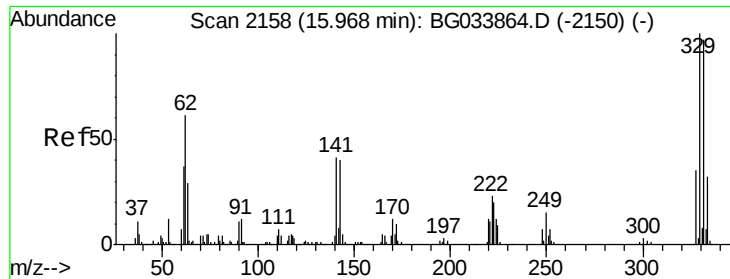
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.46 min Scan# 1901
 Delta R.T. -0.02 min
 Lab File: BG033939.D
 Acq: 24 Apr 2018 3:36

Tgt Ion	164	Resp	207255
Ion Ratio	100	Lower	Upper
162	102.5	78.8	118.2
160	44.3	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

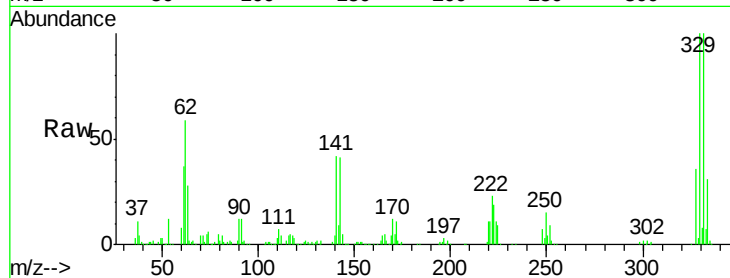




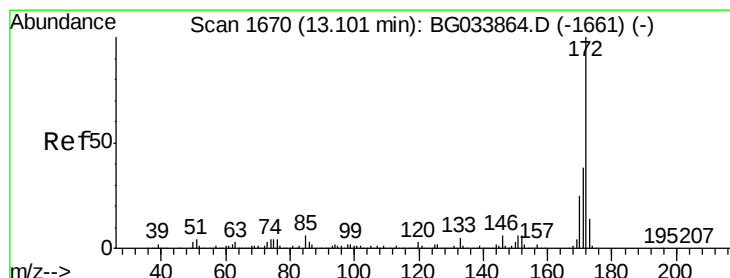
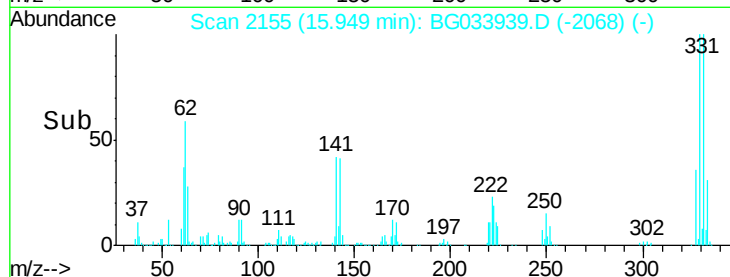
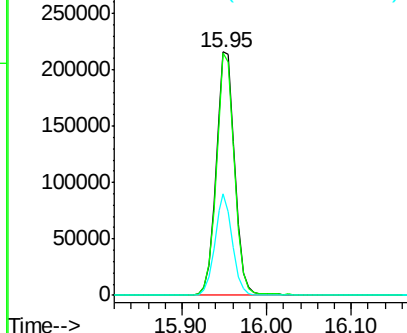
#41
 2,4,6-Tribromophenol
 Concen: 138.494 ng
 RT: 15.95 min Scan# 2155
 Delta R.T. -0.02 min
 Lab File: BG033939.D
 Acq: 24 Apr 2018 3:36

Instrument :
 BNA_G
 ClientSampleId :
 RS-RO-RT-27438

Tot Ion:330 Resp: 334872
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 39.2 25.2 37.8#

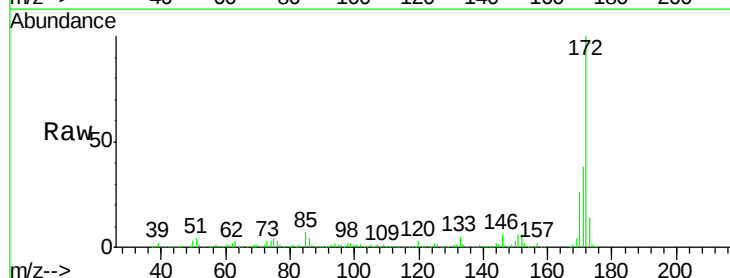


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

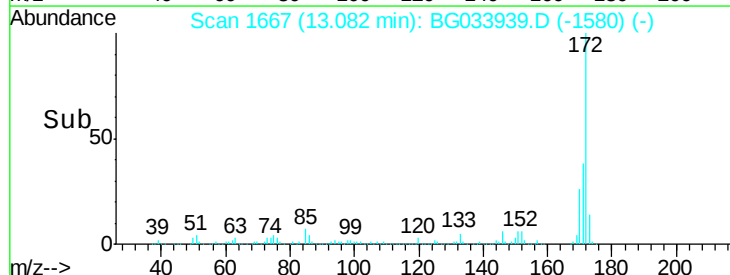
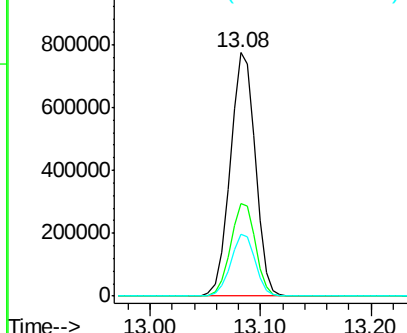


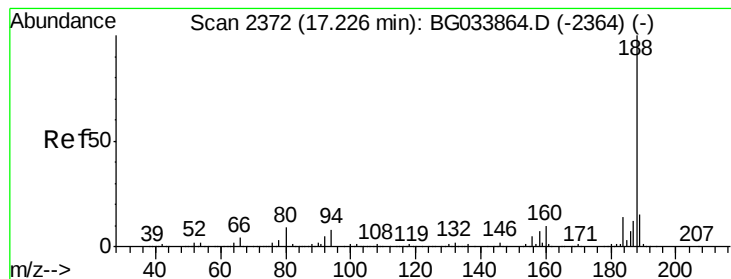
#44
 2-Fluorobiphenyl
 Concen: 87.113 ng
 RT: 13.08 min Scan# 1667
 Delta R.T. -0.02 min
 Lab File: BG033939.D
 Acq: 24 Apr 2018 3:36

Tgt Ion:172 Resp: 1229023
 Ion Ratio Lower Upper
 172 100
 171 38.2 30.0 45.0
 170 25.5 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: BG033939.D

Acq: 24 Apr 2018 3:36

Instrument :

BNA_G

ClientSampleId :

RS-RO-RT-27438

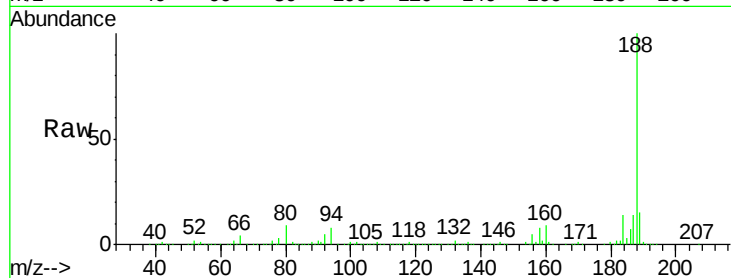
Tot Ion:188 Resp: 578012

Ion Ratio Lower Upper

188 100

94 7.6 6.9 10.3

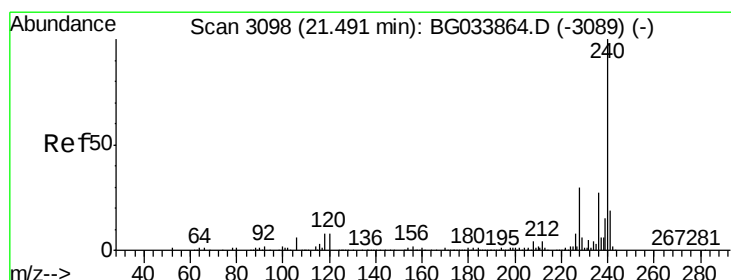
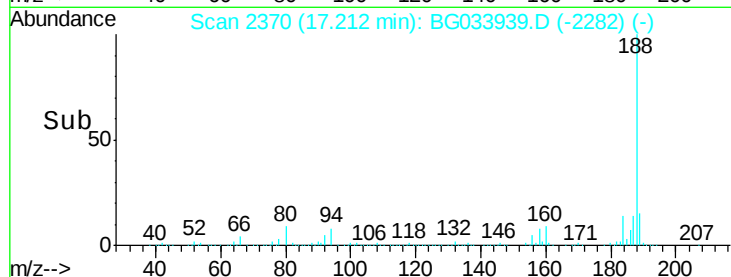
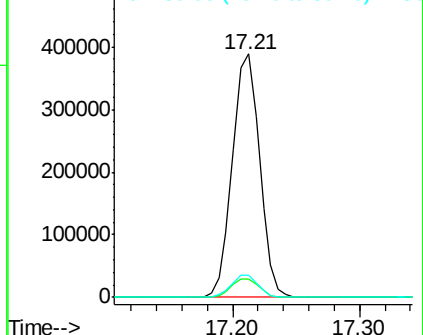
80 9.0 7.7 11.5



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# 3094

Delta R.T. -0.02 min

Lab File: BG033939.D

Acq: 24 Apr 2018 3:36

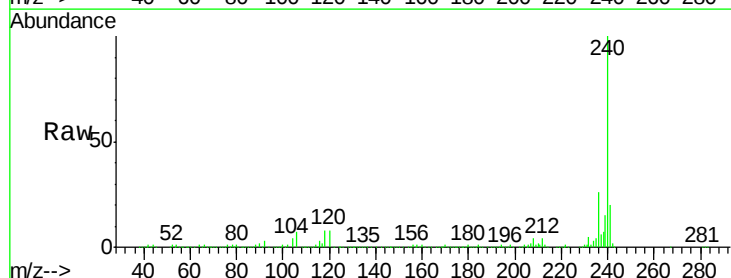
Tgt Ion:240 Resp: 629625

Ion Ratio Lower Upper

240 100

120 8.5 6.8 10.2

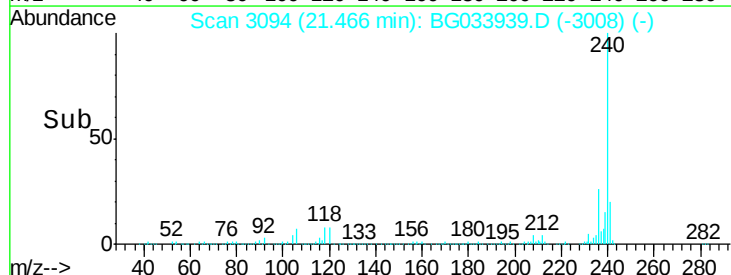
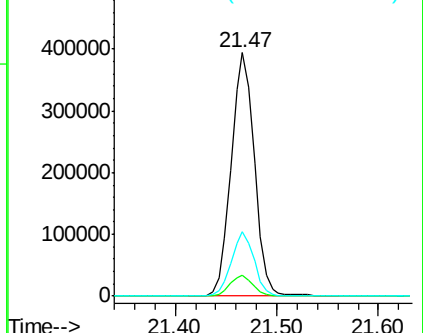
236 26.3 20.9 31.3

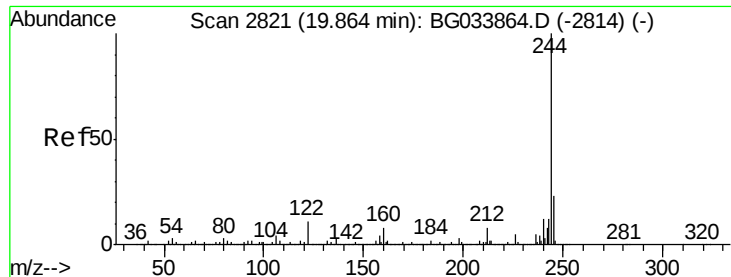


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 82.419 ng

RT: 19.85 min Scan# 2819

Delta R.T. -0.01 min

Lab File: BG033939.D

Acq: 24 Apr 2018 3:36

Instrument :

BNA_G

ClientSampleId :

RS-RO-RT-27438

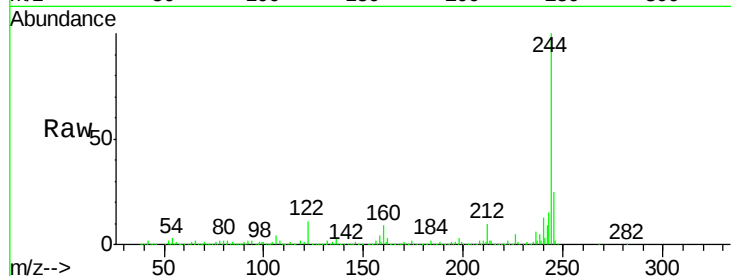
Tot Ion:244 Resp: 2309832

Ion Ratio Lower Upper

244 100

212 9.5 5.8 8.8#

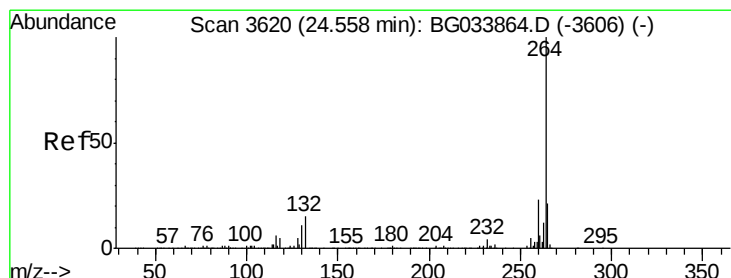
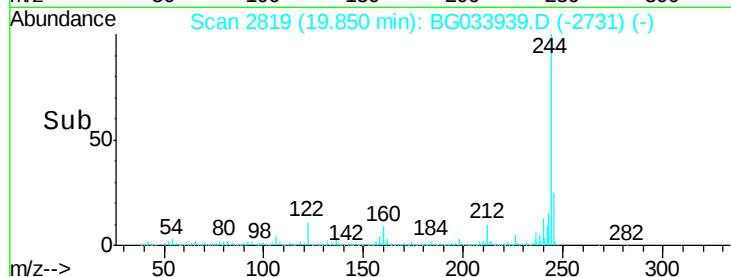
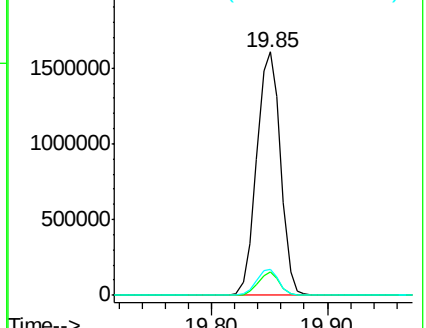
122 10.9 7.0 10.4#



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: BG033939.D

Acq: 24 Apr 2018 3:36

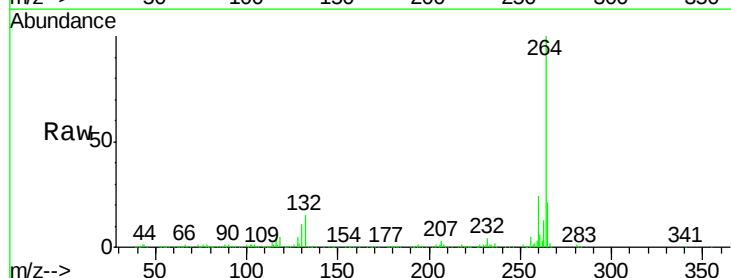
Tgt Ion:264 Resp: 613246

Ion Ratio Lower Upper

264 100

260 23.9 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

