

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG030618\
 Data File : BG033036.D
 Acq On : 7 Mar 2018 00:56
 Operator : SJ/JU
 Sample : J1809-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-1-4

Quant Time: Mar 07 03:12:58 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 06 17:38:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	56545	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	243231	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	135311	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	296968	20.00	ng	0.00
75) Chrysene-d12	22.61	240	268986	20.00	ng	0.00
86) Perylene-d12	26.41	264	235759	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	517827	146.51	ng	0.00
7) Phenol-d6	8.01	99	621412	126.14	ng	0.00
23) Nitrobenzene-d5	10.11	82	476605	130.03	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	240058	168.73	ng	0.00
44) 2-Fluorobiphenyl	14.15	172	982483	104.72	ng	0.00
78) Terphenyl-d14	20.77	244	1323383	110.54	ng	0.00

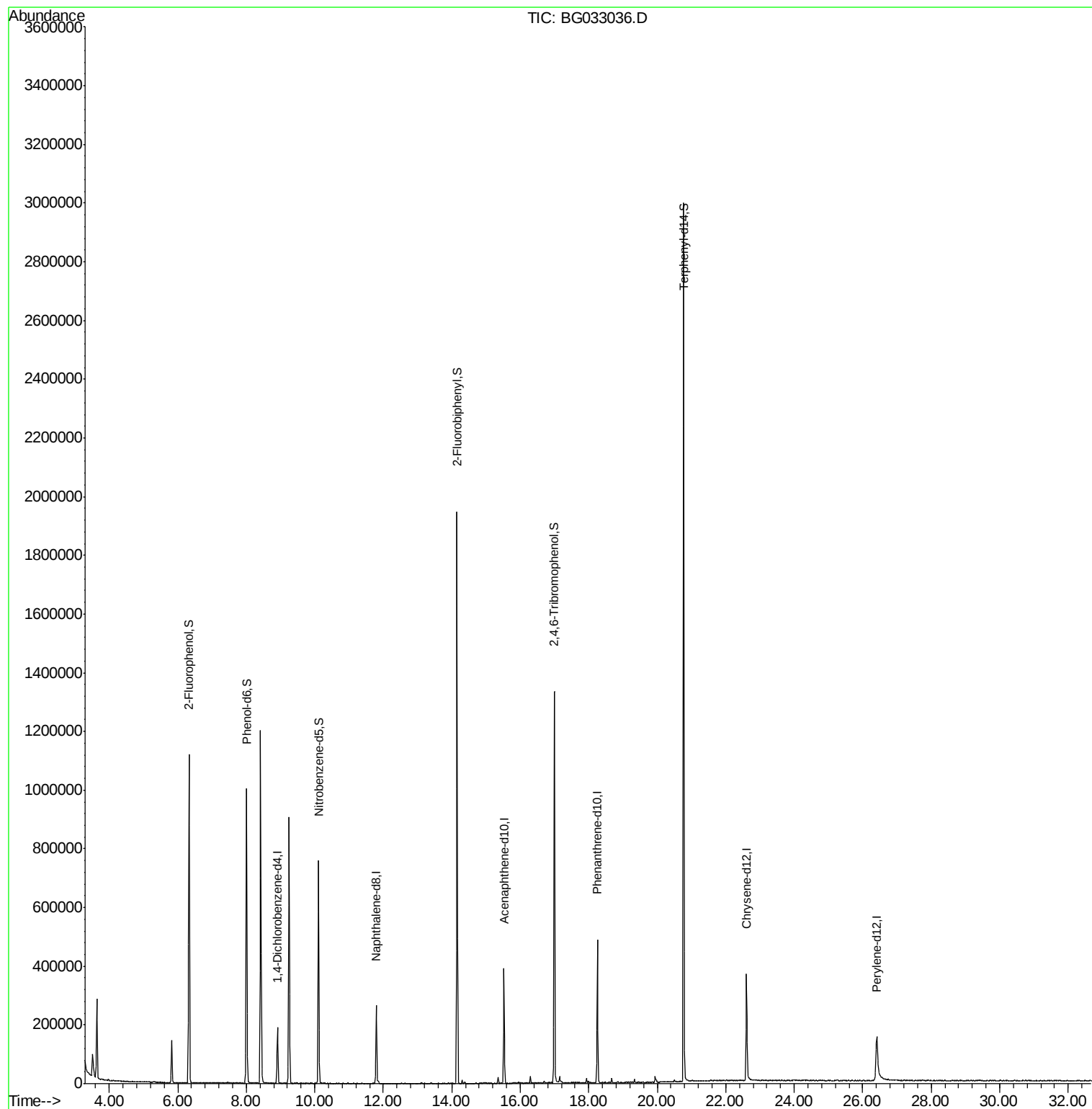
Target Compounds Qvalue

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

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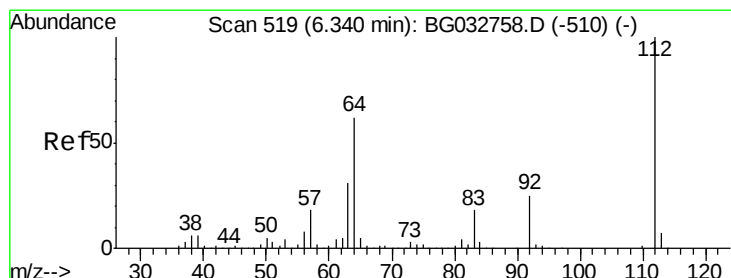
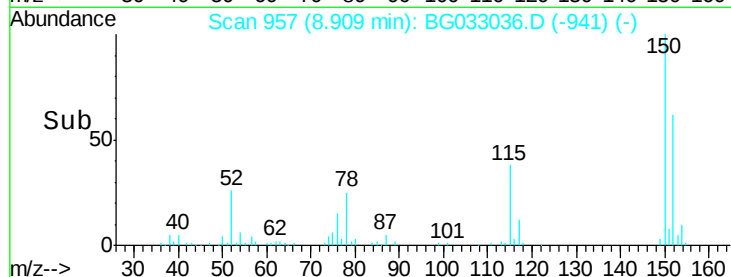
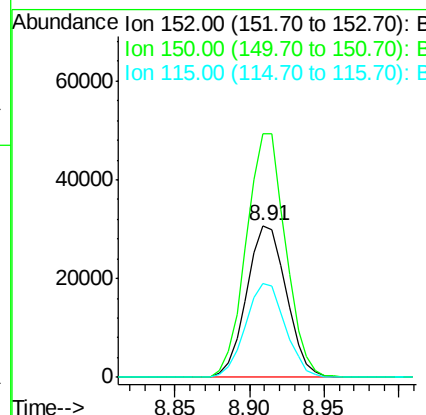
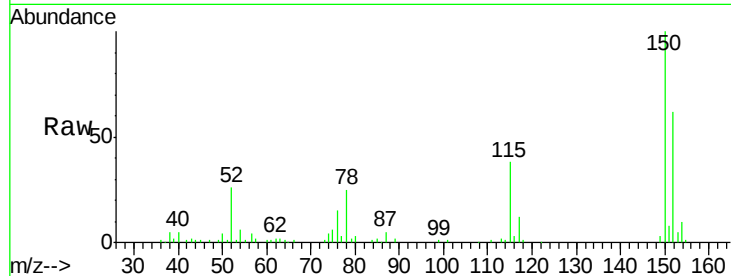


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.91 min Scan# 957
 Delta R.T. -0.00 min
 Lab File: BG033036.D
 Acq: 7 Mar 2018 00:56

Instrument :
 BNA_G
 ClientSampleId :
 RO-1-4

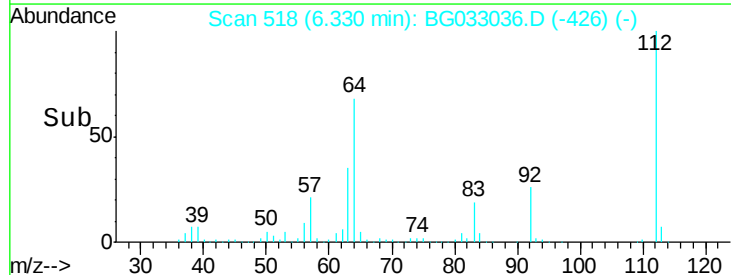
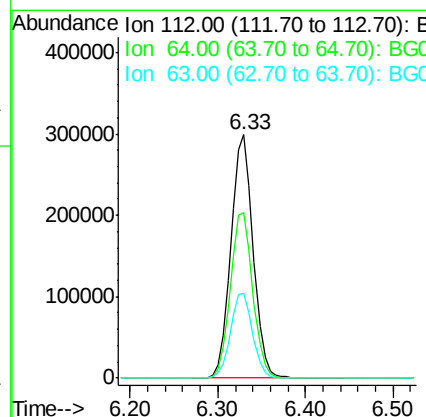
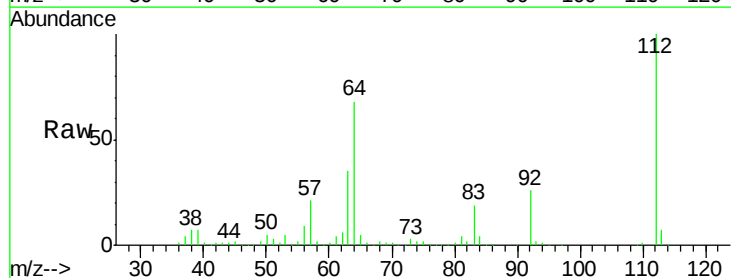
Tot Ion:152 Resp: 56545
 Ion Ratio Lower Upper
 152 100
 150 160.4 126.6 189.8
 115 61.6 53.0 79.4



#5

2-Fluorophenol
 Concen: 146.511 ng
 RT: 6.33 min Scan# 518
 Delta R.T. 0.01 min
 Lab File: BG033036.D
 Acq: 7 Mar 2018 00:56

Tgt Ion:112 Resp: 517827
 Ion Ratio Lower Upper
 112 100
 64 68.2 56.3 84.5
 63 34.7 30.1 45.1





#7

Phenol-d6

Concen: 126.138 ng

RT: 8.01 min Scan# 804

Delta R.T. 0.00 min

Lab File: BG033036.D

Acq: 7 Mar 2018 00:56

Instrument :

BNA_G

ClientSampleId :

RO-1-4

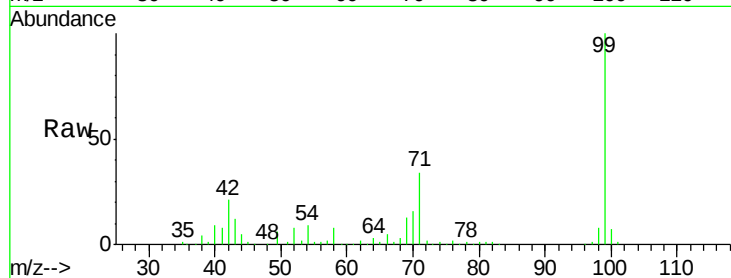
Tot Ion: 99 Resp: 621412

Ion Ratio Lower Upper

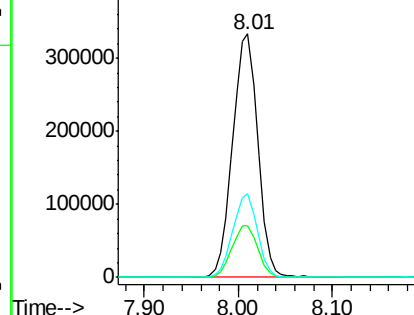
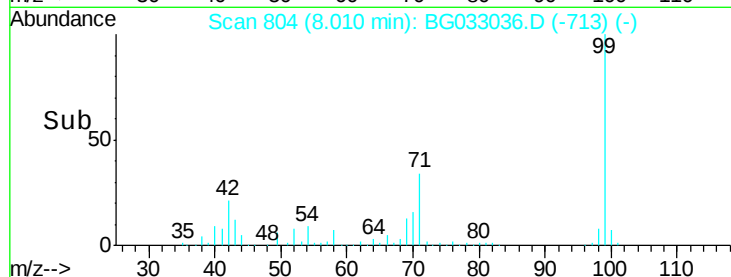
99 100

42 21.3 14.1 21.1#

71 34.1 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: 11.80 min Scan# 1449

Delta R.T. 0.00 min

Lab File: BG033036.D

Acq: 7 Mar 2018 00:56

Tgt Ion: 136 Resp: 243231

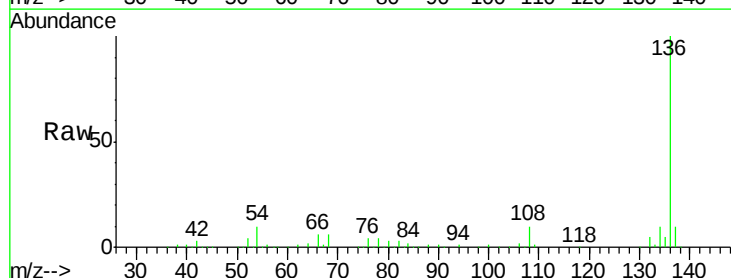
Ion Ratio Lower Upper

136 100

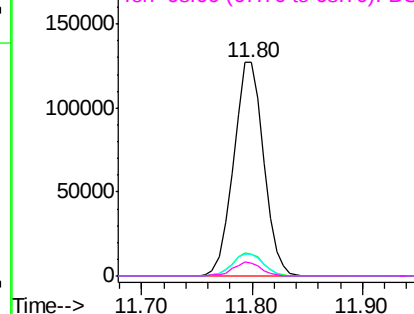
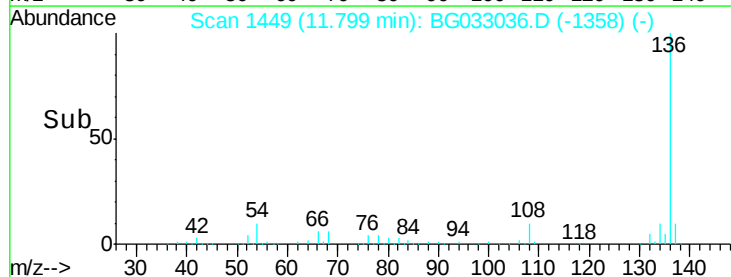
137 10.5 9.2 13.8

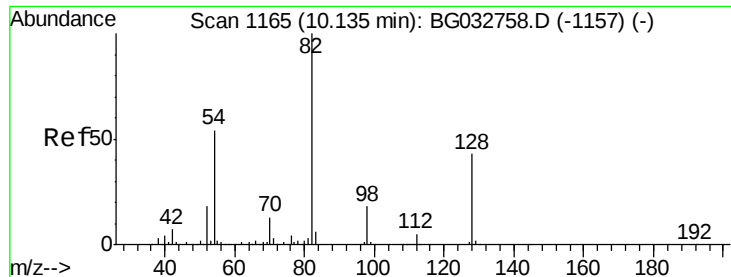
54 10.5 10.3 15.5

68 6.1 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

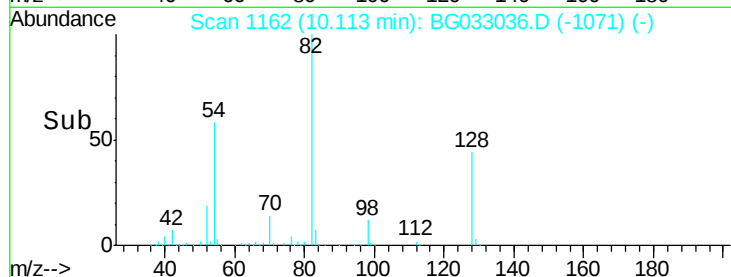
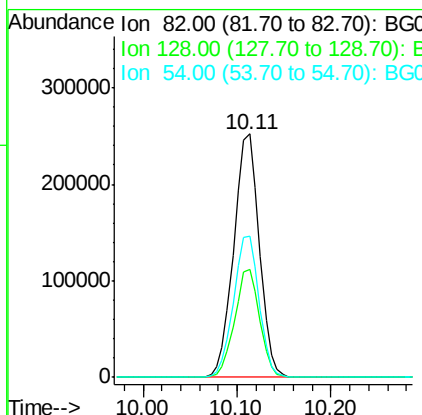
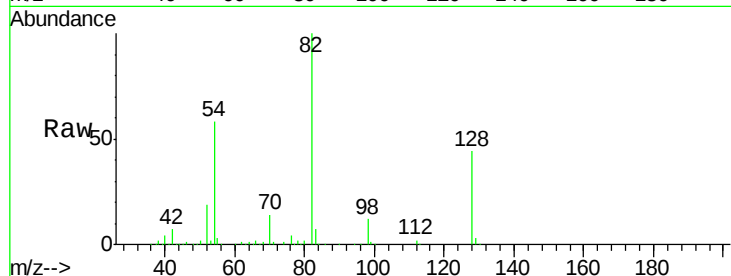




#23
 Nitrobenzene-d5
 Concen: 130.033 ng
 RT: 10.11 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: BG033036.D
 Acq: 7 Mar 2018 00:56

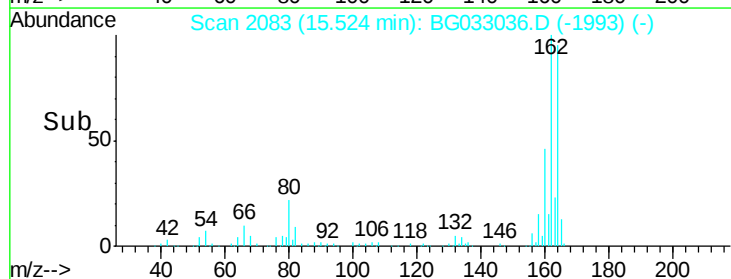
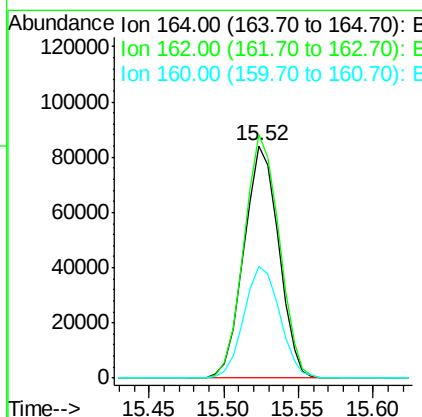
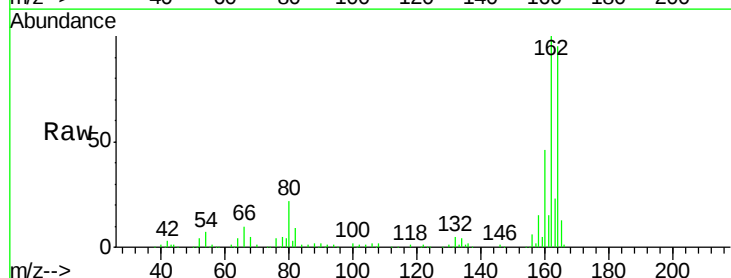
Instrument :
 BNA_G
 ClientSampleId :
 RO-1-4

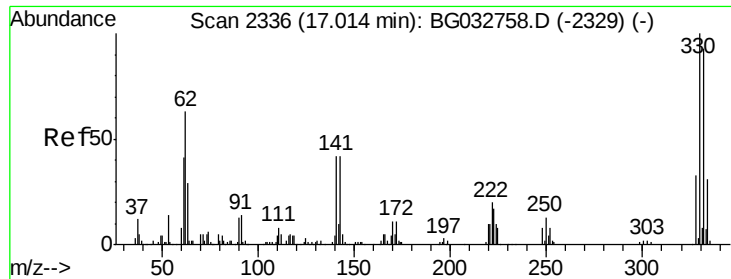
Tot Ion: 82 Resp: 476605
 Ion Ratio Lower Upper
 82 100
 128 44.5 29.7 44.5
 54 57.8 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2083
 Delta R.T. -0.00 min
 Lab File: BG033036.D
 Acq: 7 Mar 2018 00:56

Tgt Ion:164 Resp: 135311
 Ion Ratio Lower Upper
 164 100
 162 104.8 78.8 118.2
 160 48.1 35.4 53.0

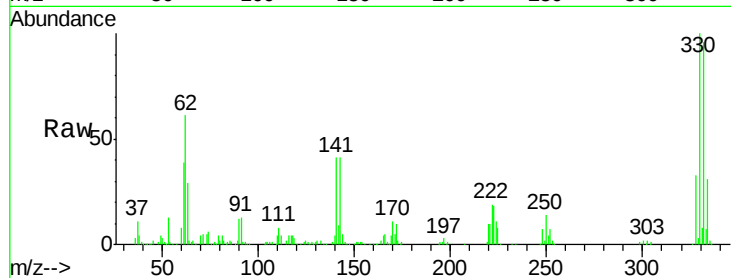




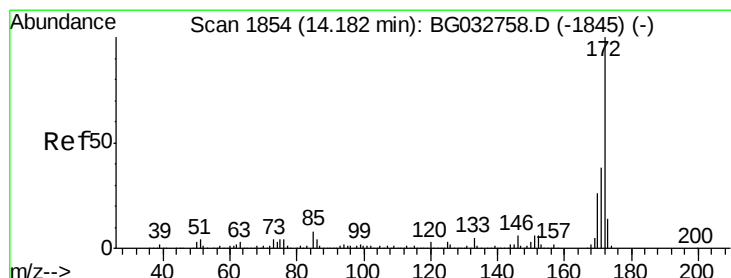
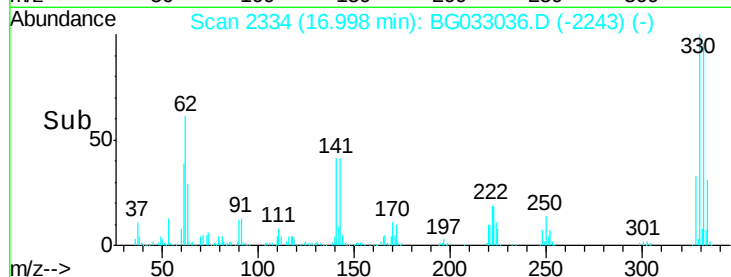
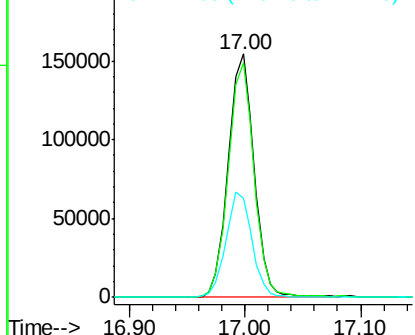
#41
 2,4,6-Tribromophenol
 Concen: 168.728 ng
 RT: 17.00 min Scan# 2334
 Delta R.T. 0.00 min
 Lab File: BG033036.D
 Acq: 7 Mar 2018 00:56

Instrument :
 BNA_G
 ClientSampleId :
 RO-1-4

Tot Ion:330 Resp: 240058
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 43.6 25.2 37.8#

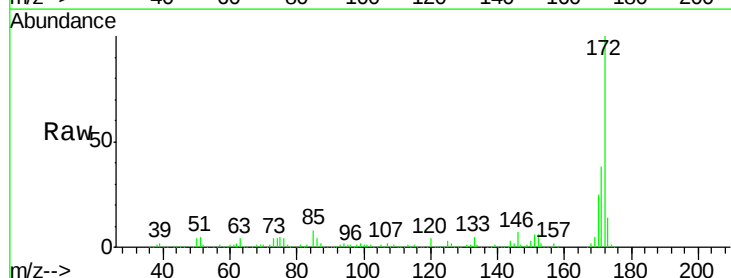


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

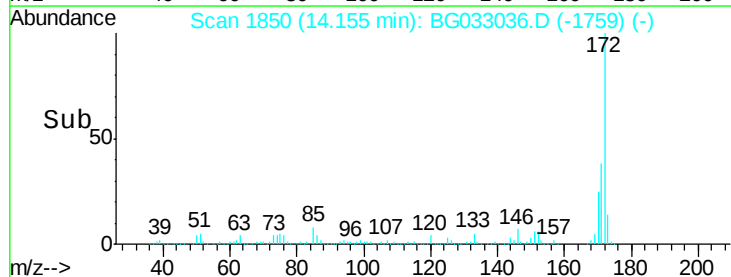
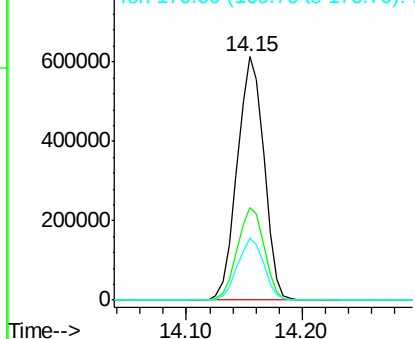


#44
 2-Fluorobiphenyl
 Concen: 104.721 ng
 RT: 14.15 min Scan# 1850
 Delta R.T. 0.00 min
 Lab File: BG033036.D
 Acq: 7 Mar 2018 00:56

Tgt Ion:172 Resp: 982483
 Ion Ratio Lower Upper
 172 100
 171 38.0 30.0 45.0
 170 25.2 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

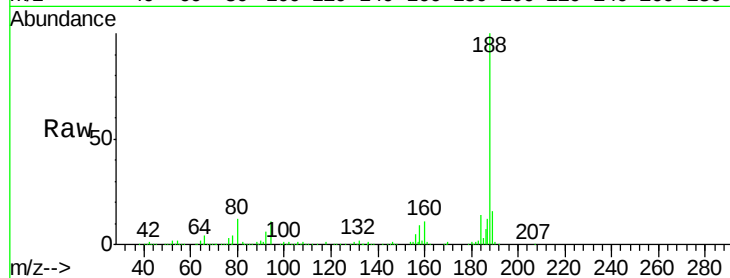




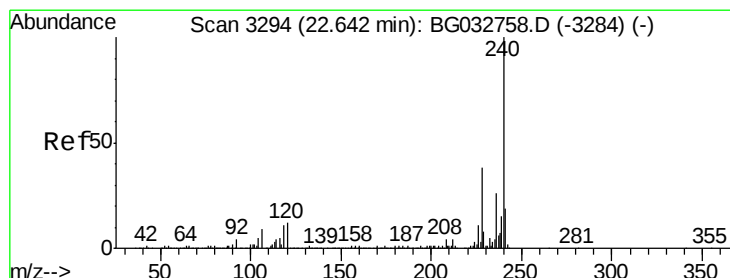
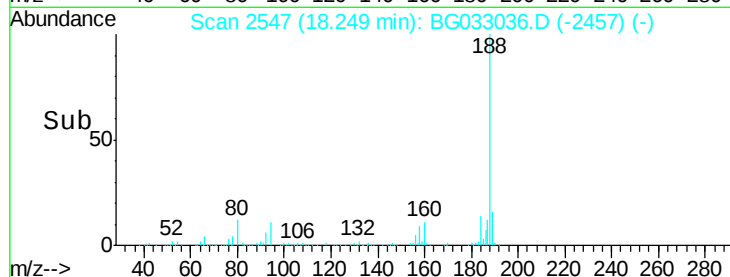
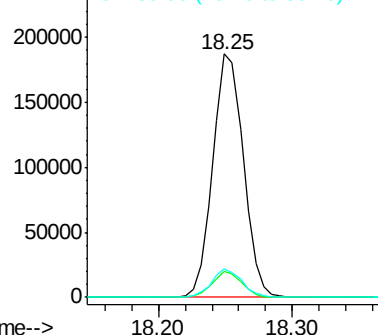
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.25 min Scan# 2547
Delta R.T. -0.00 min
Lab File: BG033036.D
Acq: 7 Mar 2018 00:56

Instrument :
BNA_G
ClientSampleId :
RO-1-4

Tot Ion:188 Resp: 296968
Ion Ratio Lower Upper
188 100
94 10.6 6.9 10.3#
80 11.9 7.7 11.5#

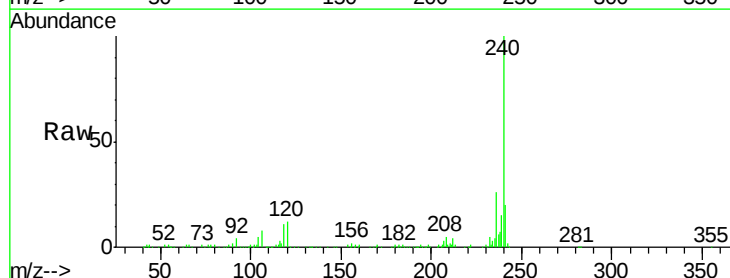


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

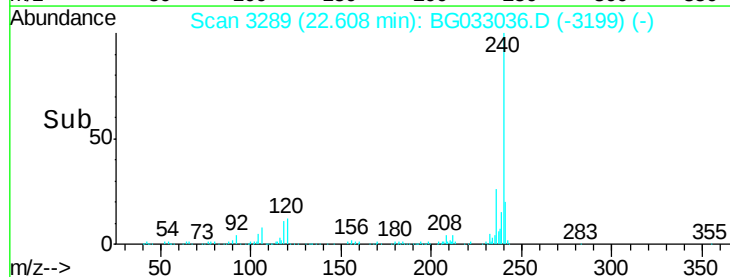
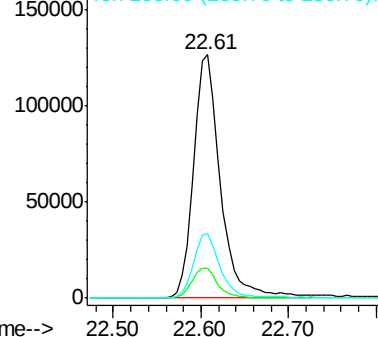


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.61 min Scan# 3289
Delta R.T. -0.00 min
Lab File: BG033036.D
Acq: 7 Mar 2018 00:56

Tgt Ion:240 Resp: 268986
Ion Ratio Lower Upper
240 100
120 12.3 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: 110.537 ng

RT: 20.77 min Scan# 2976

Delta R.T. 0.00 min

Lab File: BG033036.D

Acq: 7 Mar 2018 00:56

Instrument :

BNA_G

ClientSampleId :

RO-1-4

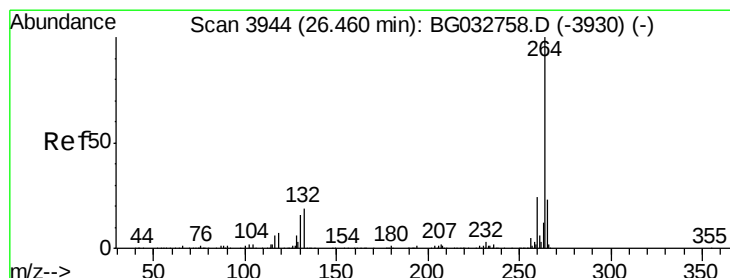
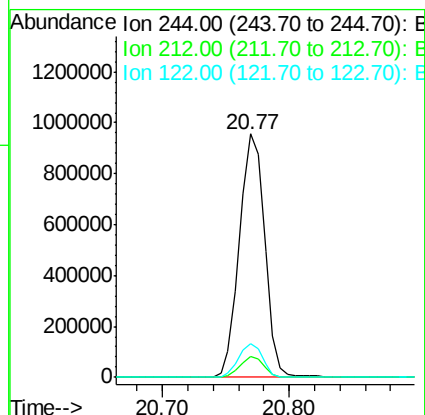
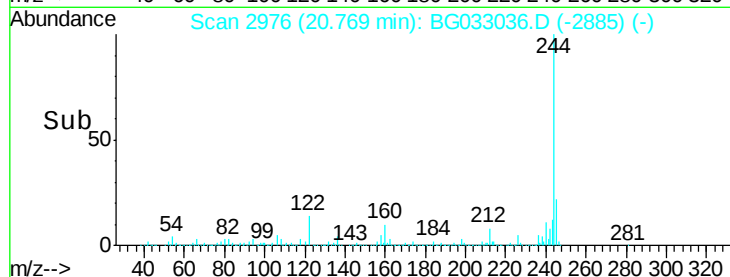
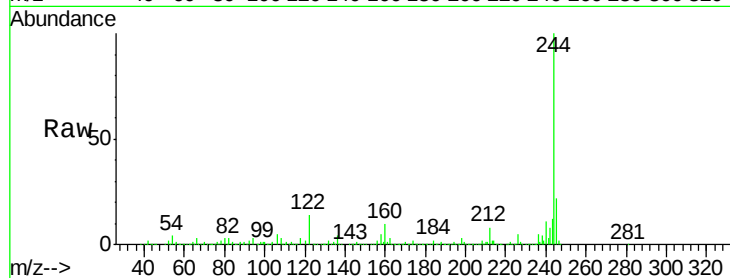
Tot Ion:244 Resp: 1323383

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

122 13.8 7.0 10.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.41 min Scan# 3936

Delta R.T. 0.00 min

Lab File: BG033036.D

Acq: 7 Mar 2018 00:56

Tgt Ion:264 Resp: 235759

Ion Ratio Lower Upper

264 100

260 22.9 17.4 26.0

265 21.8 17.7 26.5

