

Data Path : U:\HPCHEM1\BNA G\DATA\BG012718\
 Data File : BG032350.D
 Acq On : 27 Jan 2018 11:07
 Operator : SJ/JU
 Sample : J1328-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-1-2

Quant Time: Jan 28 03:59:56 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 24 14:02:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	38904	20.00	ng	0.00
21) Naphthalene-d8	11.61	136	147214	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	84182	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	257805	20.00	ng	0.00
75) Chrysene-d12	22.43	240	315985	20.00	ng	0.00
86) Perylene-d12	26.12	264	63758	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	256883	120.76	ng	0.00
7) Phenol-d6	7.84	99	271703	101.42	ng	0.00
23) Nitrobenzene-d5	9.92	82	221723	101.90	ng	0.00
41) 2,4,6-Tribromophenol	16.84	330	248926	178.70	ng	0.00
44) 2-Fluorobiphenyl	13.99	172	742889	109.42	ng	0.00
78) Terphenyl-d14	20.64	244	1462240	102.18	ng	0.00

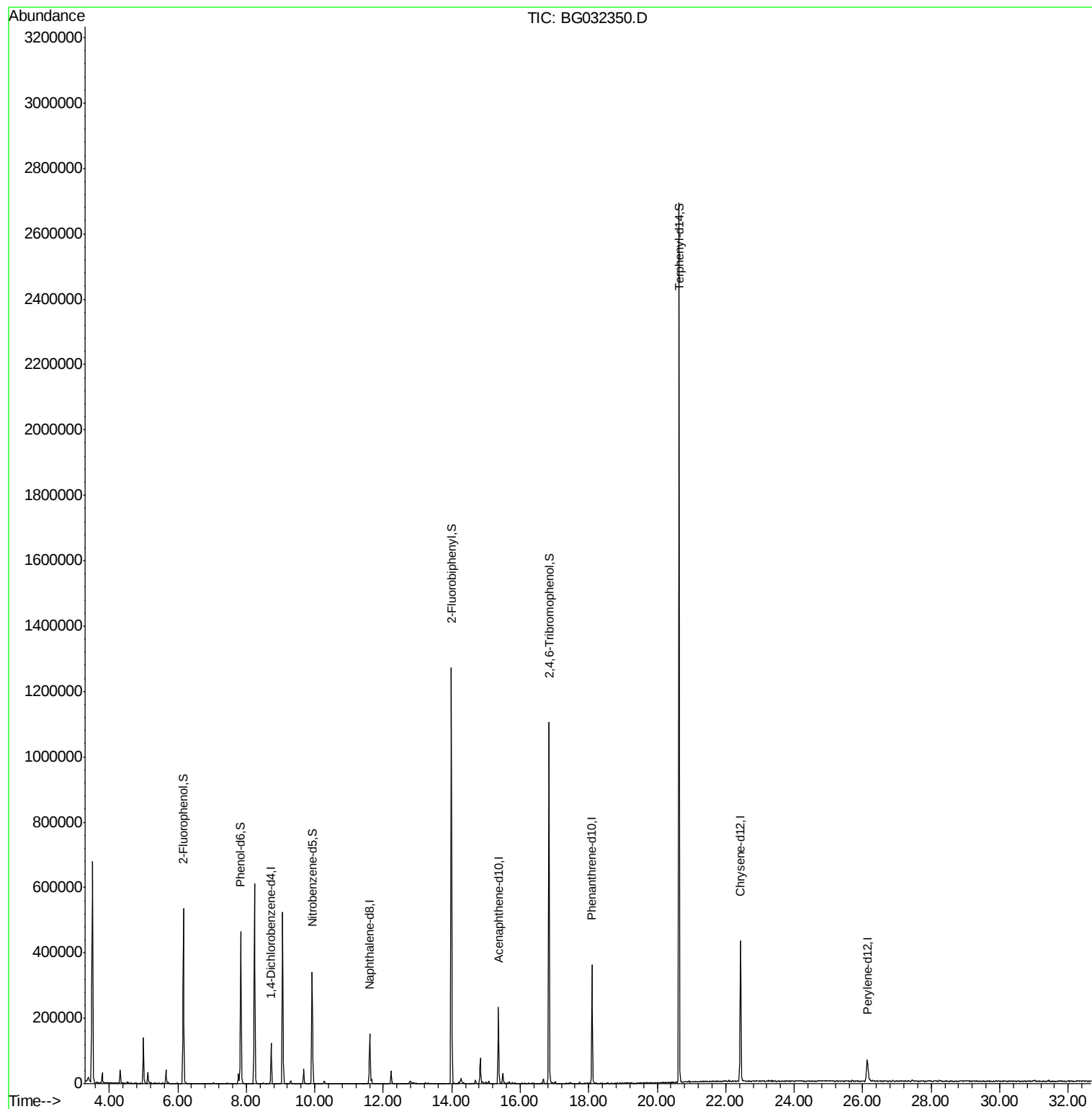
Target Compounds Qvalue

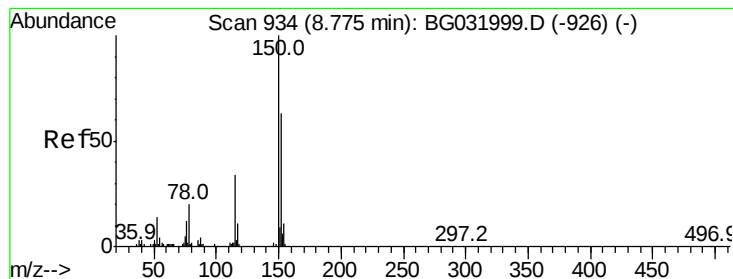
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.72 min Scan# 925

Delta R.T. -0.00 min

Lab File: BG032350.D

Acq: 27 Jan 2018 11:07

Instrument :

BNA_G

ClientSampleId :

RO-1-2

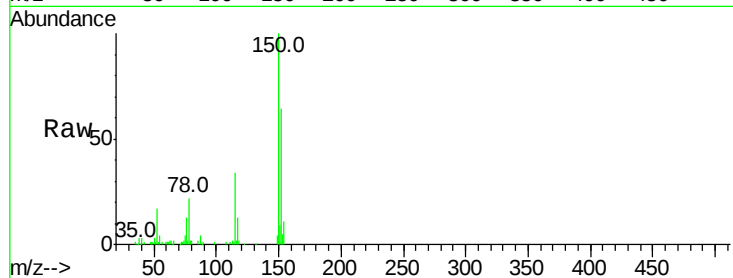
Tot Ion:152 Resp: 38904

Ion Ratio Lower Upper

152 100

150 156.0 126.6 189.8

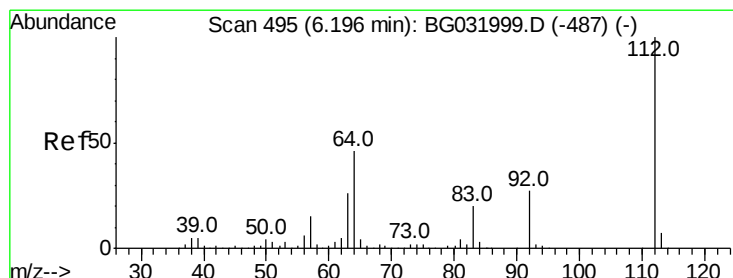
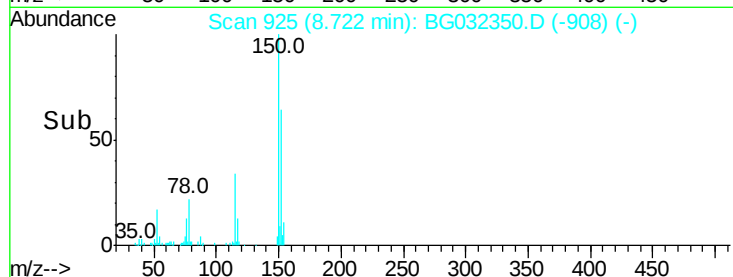
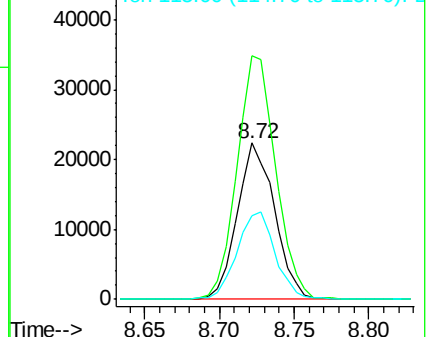
115 53.8 53.0 79.4



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: 120.764 ng

RT: 6.16 min Scan# 489

Delta R.T. 0.00 min

Lab File: BG032350.D

Acq: 27 Jan 2018 11:07

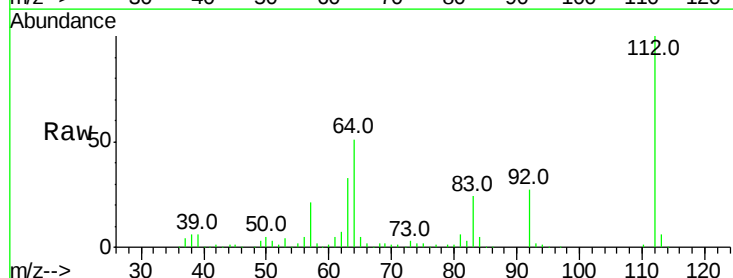
Tgt Ion:112 Resp: 256883

Ion Ratio Lower Upper

112 100

64 51.4 56.3 84.5#

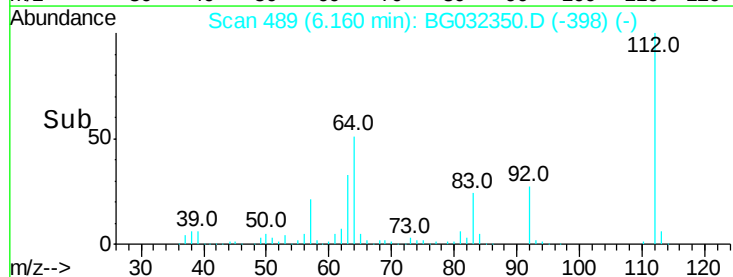
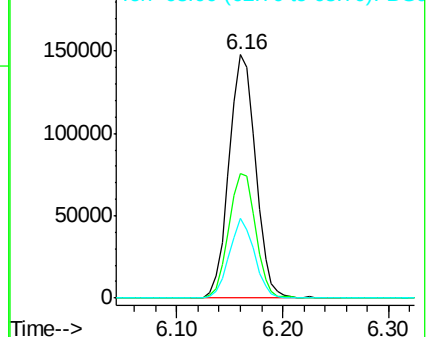
63 32.9 30.1 45.1

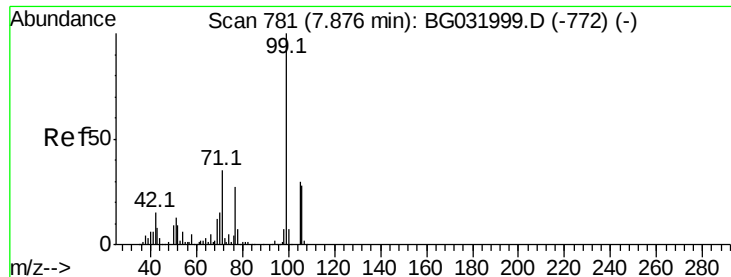


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 101.419 ng

RT: 7.84 min Scan# 775

Delta R.T. 0.00 min

Lab File: BG032350.D

Acq: 27 Jan 2018 11:07

Instrument :

BNA_G

ClientSampleId :

RO-1-2

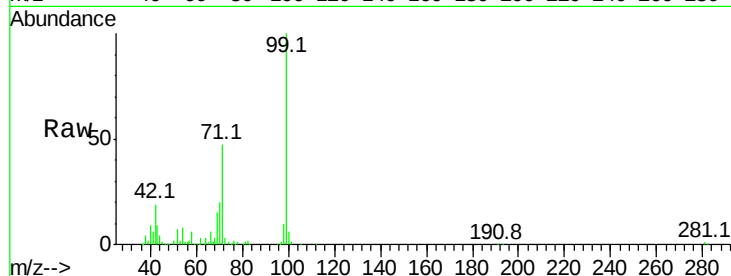
Tot Ion: 99 Resp: 271703

Ion Ratio Lower Upper

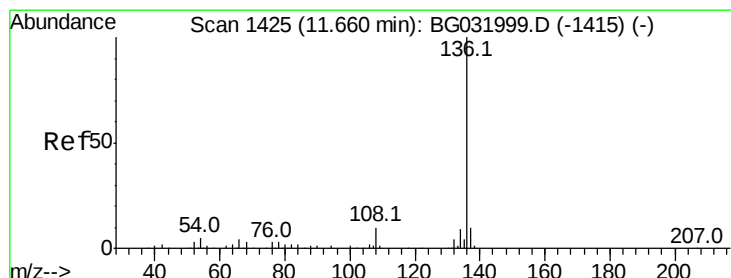
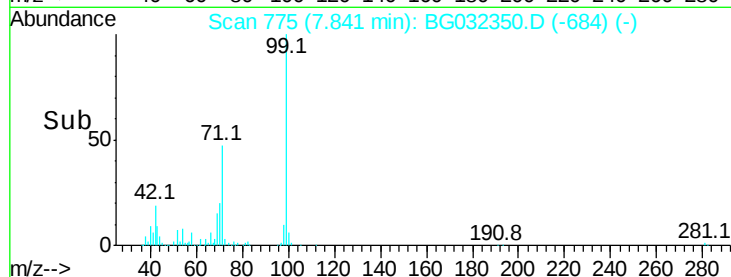
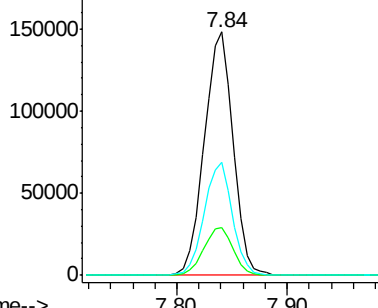
99 100

42 19.4 14.1 21.1

71 46.6 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: 11.61 min Scan# 1416

Delta R.T. -0.00 min

Lab File: BG032350.D

Acq: 27 Jan 2018 11:07

Tgt Ion: 136 Resp: 147214

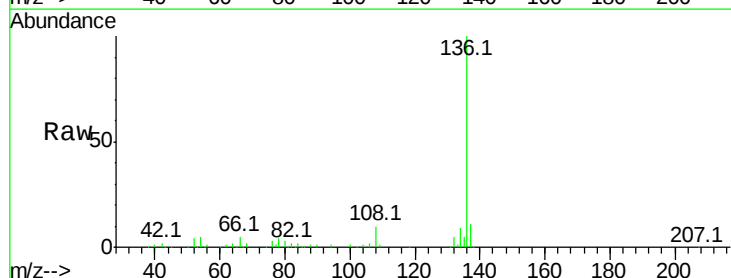
Ion Ratio Lower Upper

136 100

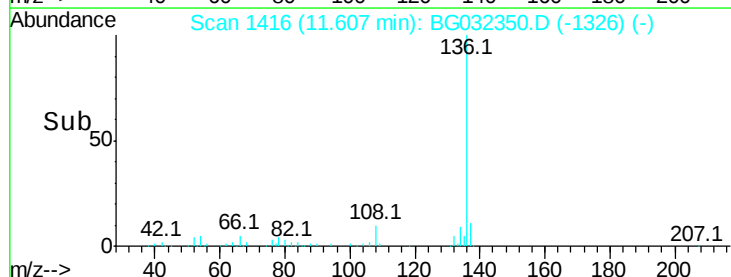
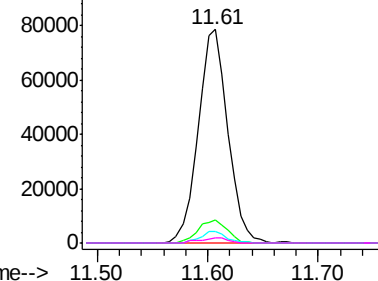
137 10.8 9.2 13.8

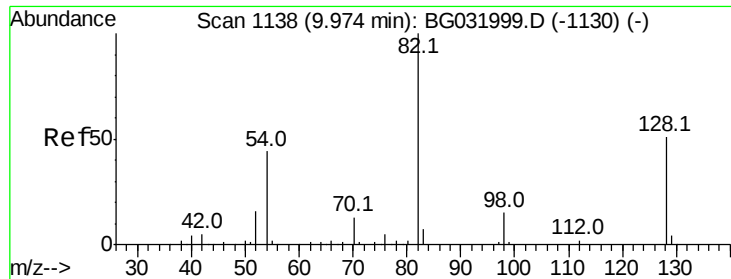
54 5.3 10.3 15.5#

68 2.2 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

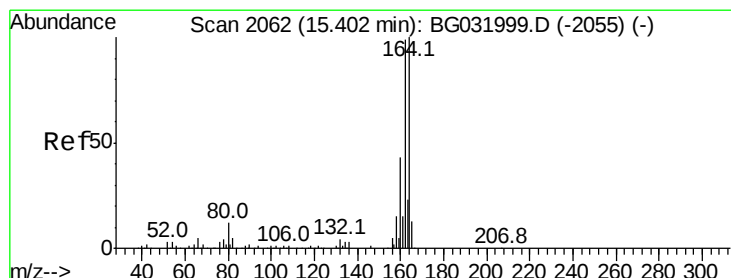
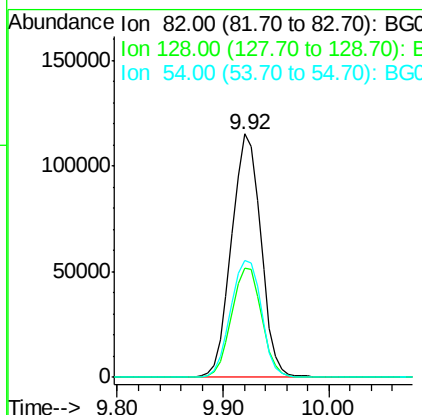
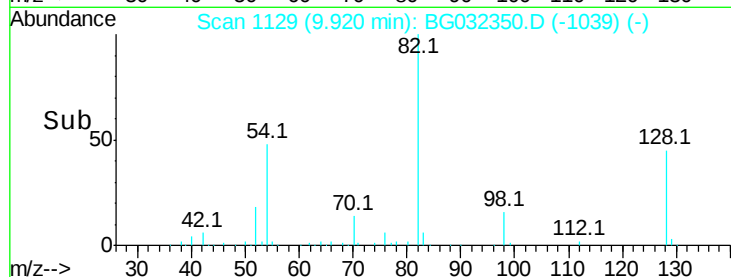
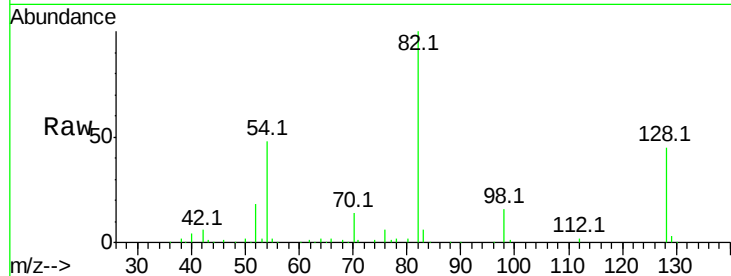




#23
 Nitrobenzene-d5
 Concen: 101.896 ng
 RT: 9.92 min Scan# 1129
 Delta R.T. -0.00 min
 Lab File: BG032350.D
 Acq: 27 Jan 2018 11:07

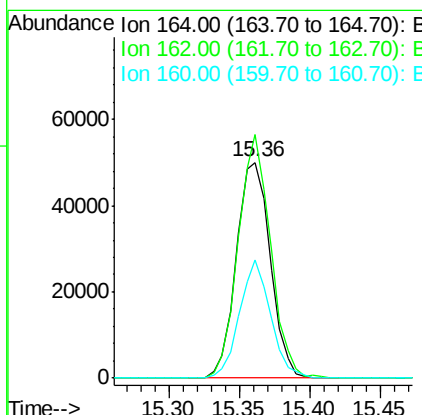
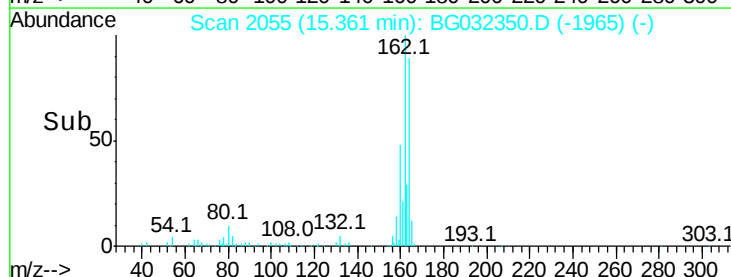
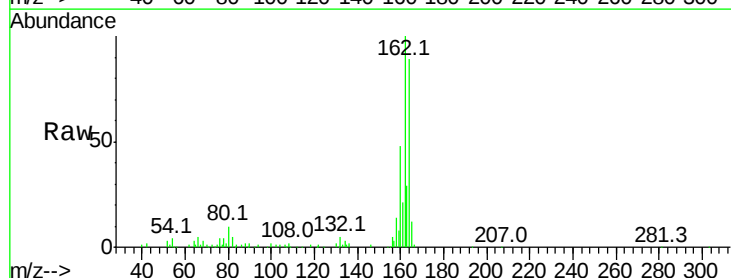
Instrument :
 BNA_G
 ClientSampleId :
 RO-1-2

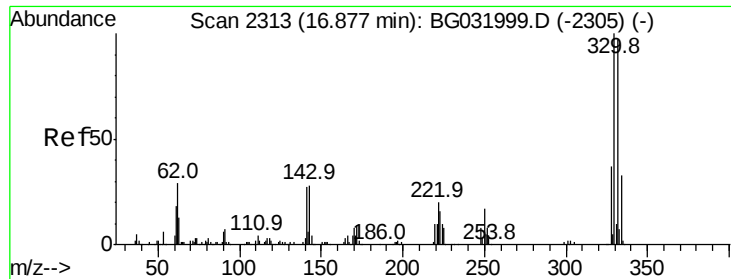
Tot Ion: 82 Resp: 221723
 Ion Ratio Lower Upper
 82 100
 128 45.1 29.7 44.5#
 54 48.1 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.36 min Scan# 2055
 Delta R.T. -0.00 min
 Lab File: BG032350.D
 Acq: 27 Jan 2018 11:07

Tgt Ion:164 Resp: 84182
 Ion Ratio Lower Upper
 164 100
 162 112.7 78.8 118.2
 160 54.6 35.4 53.0#

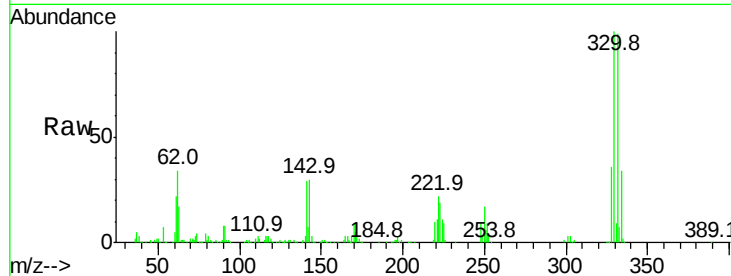




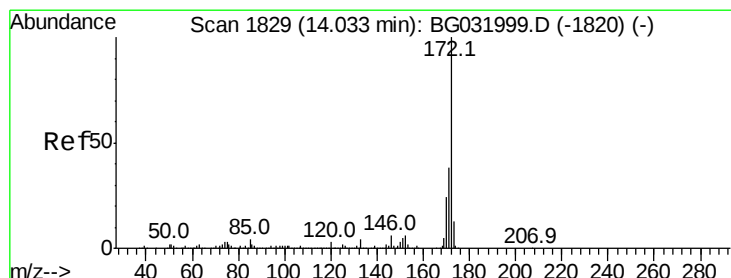
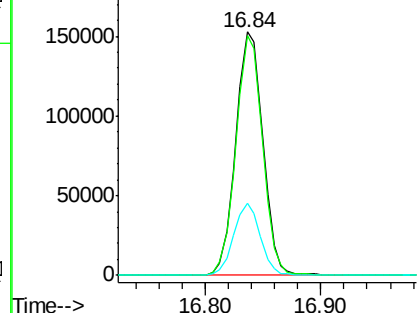
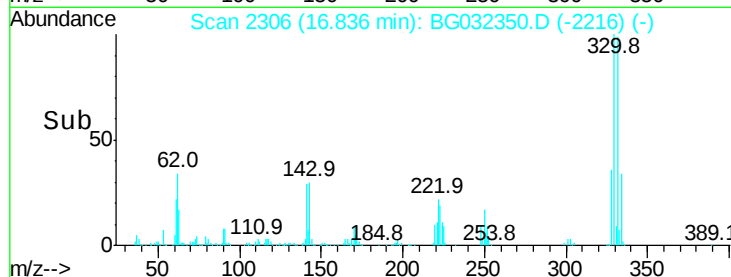
#41
 2,4,6-Tribromophenol
 Concen: 178.696 ng
 RT: 16.84 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: BG032350.D
 Acq: 27 Jan 2018 11:07

Instrument :
 BNA_G
 ClientSampled :
 RO-1-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	28.7	25.2	37.8

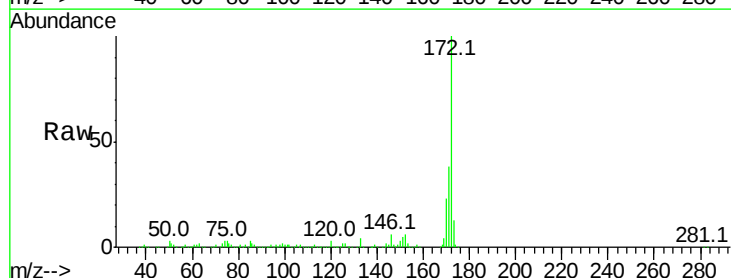


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

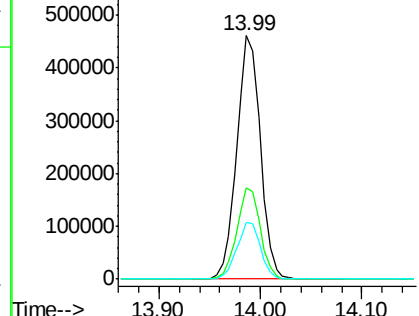
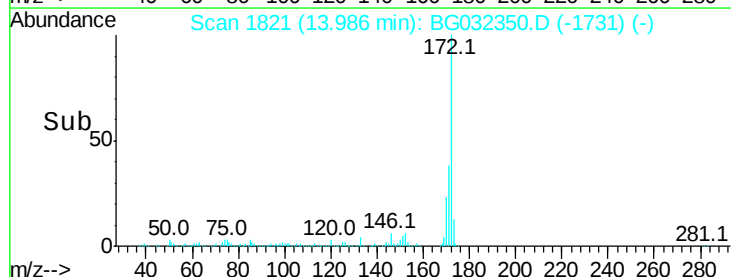


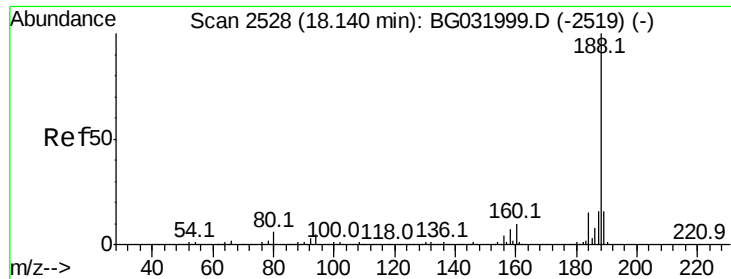
#44
 2-Fluorobiphenyl
 Concen: 109.423 ng
 RT: 13.99 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: BG032350.D
 Acq: 27 Jan 2018 11:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.0	45.0
170	23.4	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

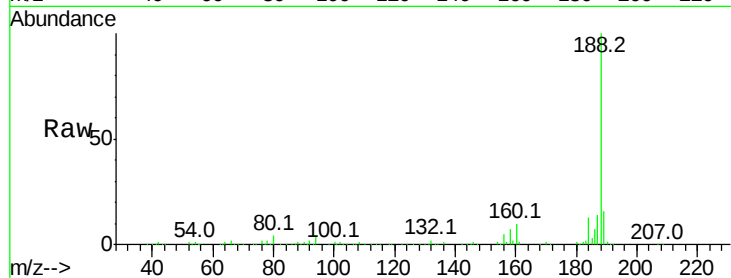




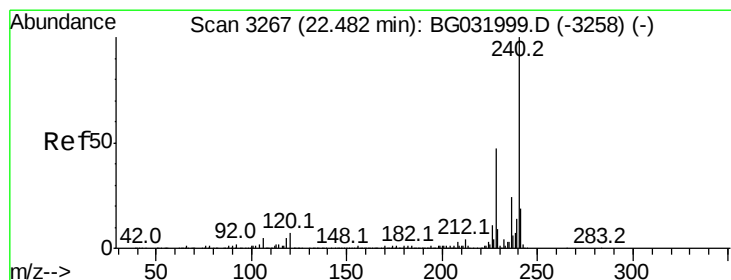
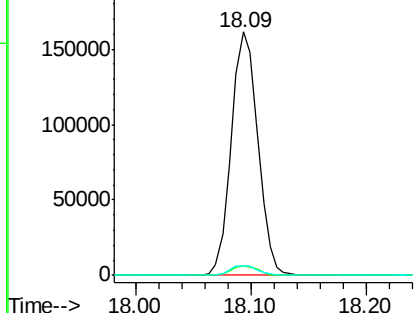
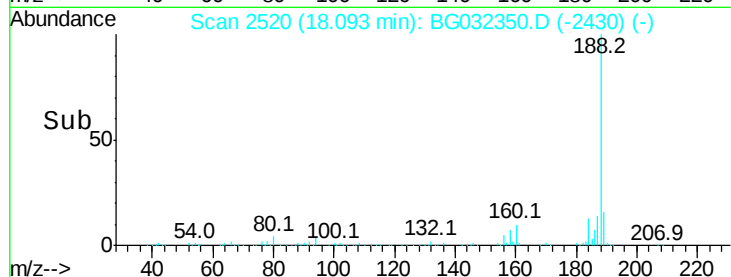
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.09 min Scan# 2520
 Delta R.T. -0.00 min
 Lab File: BG032350.D
 Acq: 27 Jan 2018 11:07

Instrument :
 BNA_G
 ClientSampleId :
 RO-1-2

Tot Ion:188 Resp: 257805
 Ion Ratio Lower Upper
 188 100
 94 4.0 6.9 10.3#
 80 4.1 7.7 11.5#

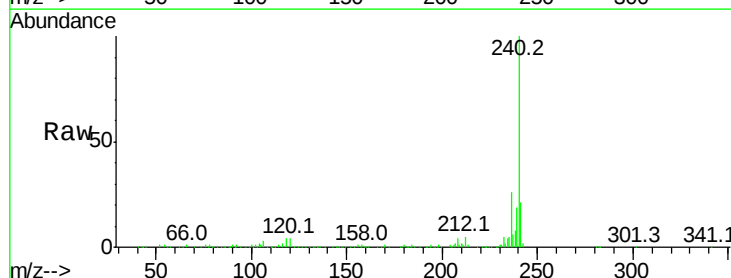


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

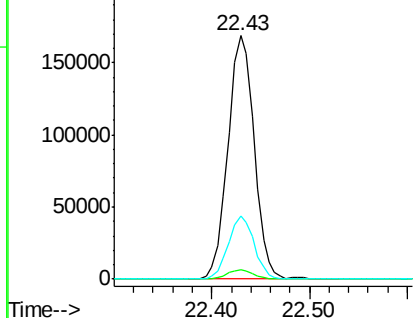
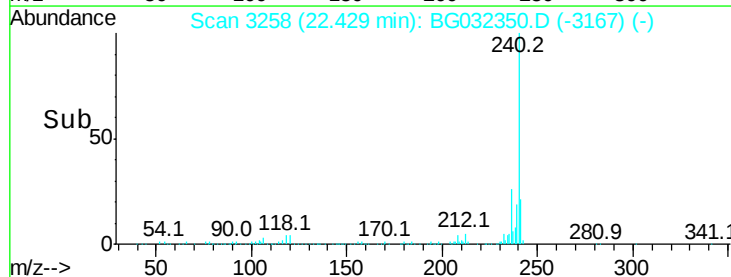


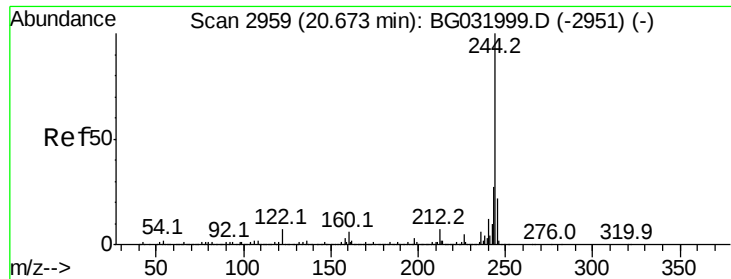
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.43 min Scan# 3258
 Delta R.T. 0.00 min
 Lab File: BG032350.D
 Acq: 27 Jan 2018 11:07

Tgt Ion:240 Resp: 315985
 Ion Ratio Lower Upper
 240 100
 120 3.6 6.8 10.2#
 236 25.9 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: 102.179 ng

RT: 20.64 min Scan# 2953

Delta R.T. 0.00 min

Lab File: BG032350.D

Acq: 27 Jan 2018 11:07

Instrument :

BNA_G

ClientSampled :

RO-1-2

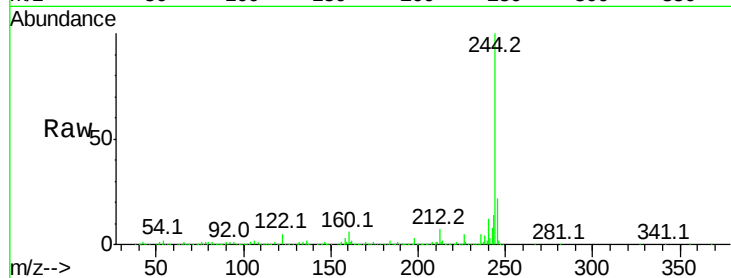
Tot Ion:244 Resp: 1462240

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

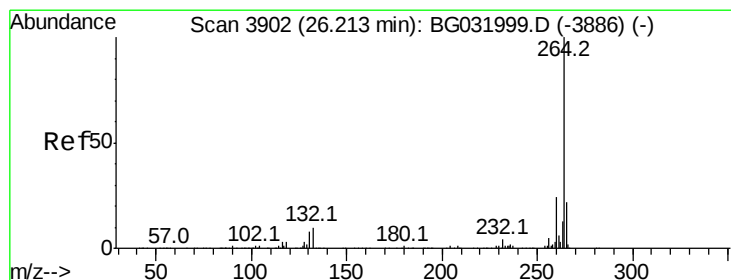
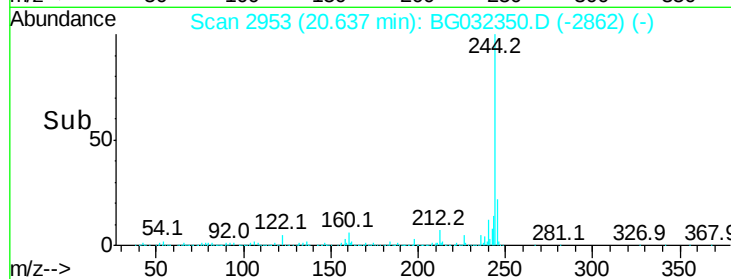
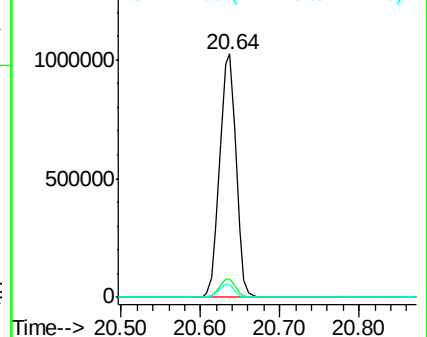
122 5.3 7.0 10.4#



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: 26.12 min Scan# 3887

Delta R.T. 0.02 min

Lab File: BG032350.D

Acq: 27 Jan 2018 11:07

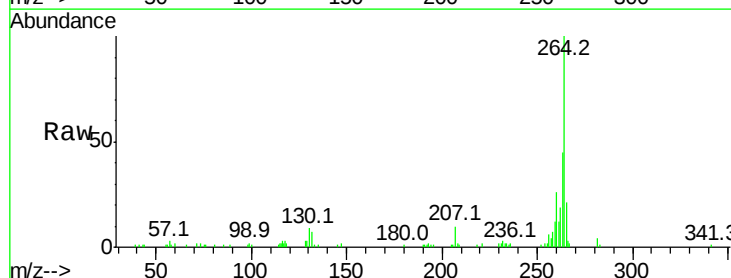
Tgt Ion:264 Resp: 63758

Ion Ratio Lower Upper

264 100

260 26.1 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

