

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG010918\
 Data File : BG031959.D
 Acq On : 9 Jan 2018 23:19
 Operator : SJ/JU
 Sample : J1038-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-1

Quant Time: Jan 10 01:41:19 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 05 15:31:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	60906	20.00	ng	0.00
21) Naphthalene-d8	11.67	136	260500	20.00	ng	0.00
38) Acenaphthene-d10	15.41	164	180496	20.00	ng	-0.02
63) Phenanthrene-d10	18.14	188	431768	20.00	ng	-0.02
75) Chrysene-d12	22.48	240	479668	20.00	ng	-0.04
86) Perylene-d12	26.21	264	482625	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	228577	68.36	ng	0.00
7) Phenol-d6	7.88	99	184664	42.53	ng	0.00
23) Nitrobenzene-d5	9.98	82	395236	114.57	ng	0.00
41) 2,4,6-Tribromophenol	16.89	330	443058	160.87	ng	-0.01
44) 2-Fluorobiphenyl	14.04	172	1393506	96.90	ng	-0.01
78) Terphenyl-d14	20.67	244	2118795	100.92	ng	-0.03

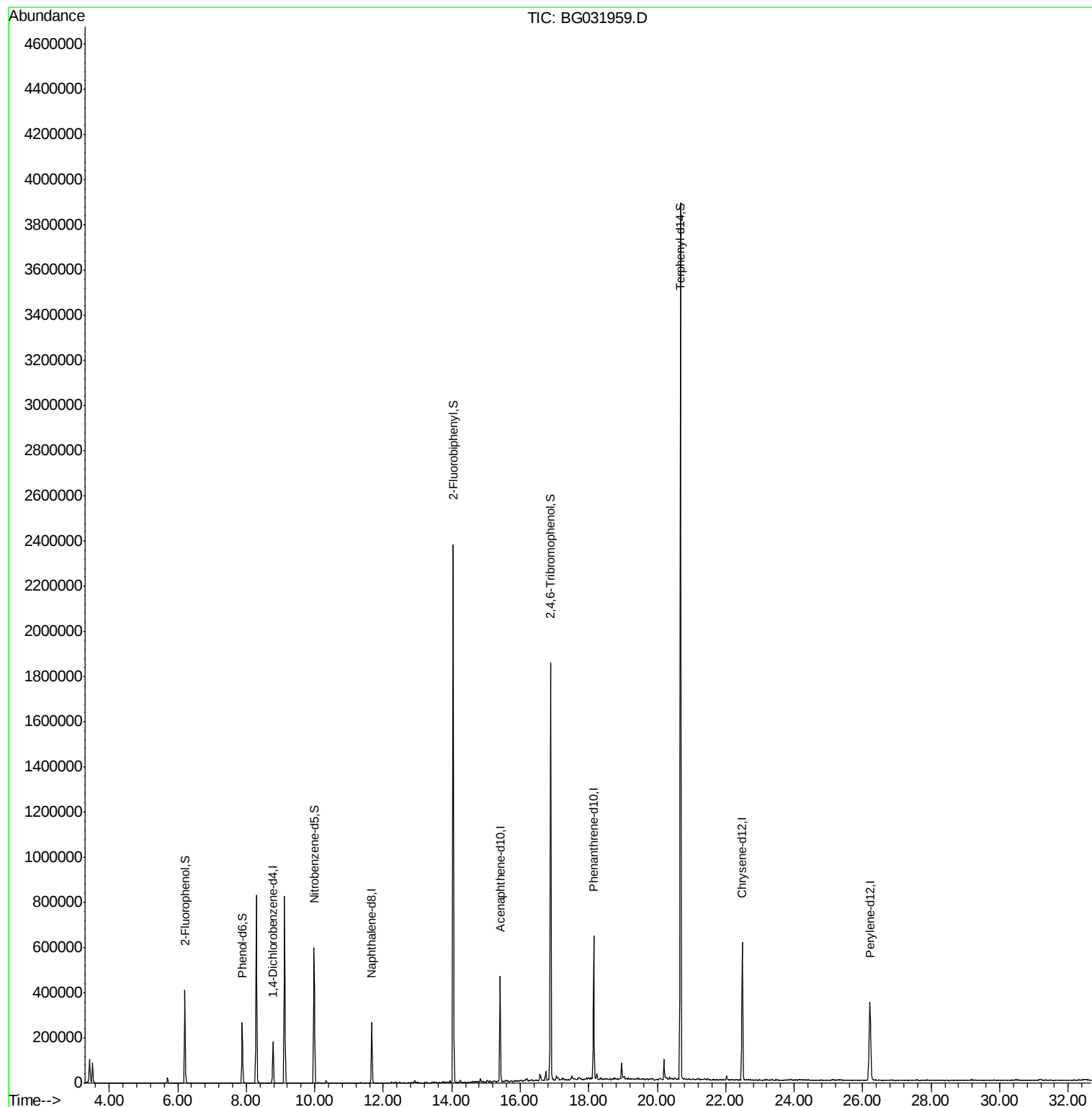
Target Compounds	Qvalue
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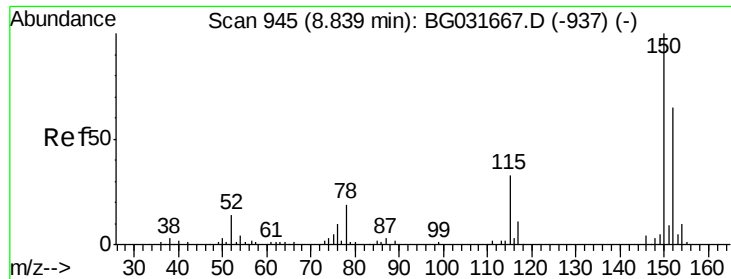
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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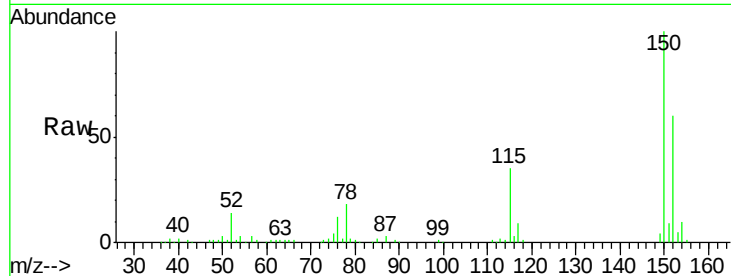


#1

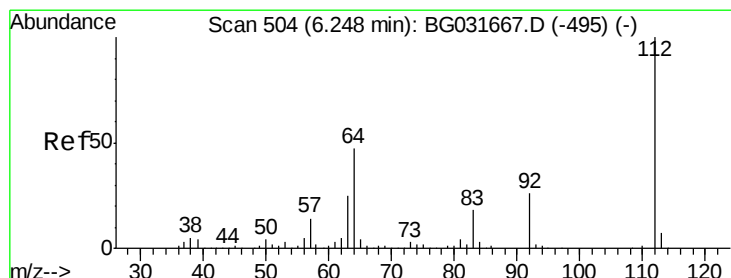
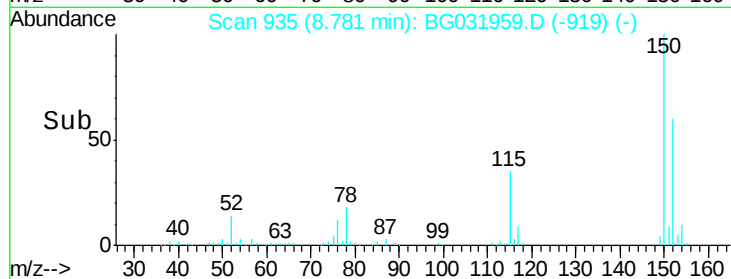
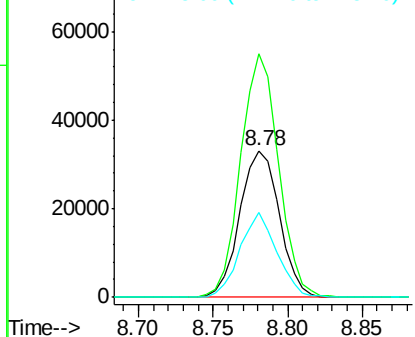
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.78 min Scan# 935
Delta R.T. -0.01 min
Lab File: BG031959.D
Acq: 9 Jan 2018 23:19

Instrument :
BNA_G
ClientSampleId :
MW-1

Tgt Ion:152 Resp: 60906
Ion Ratio Lower Upper
152 100
150 166.4 126.6 189.8
115 58.4 53.0 79.4



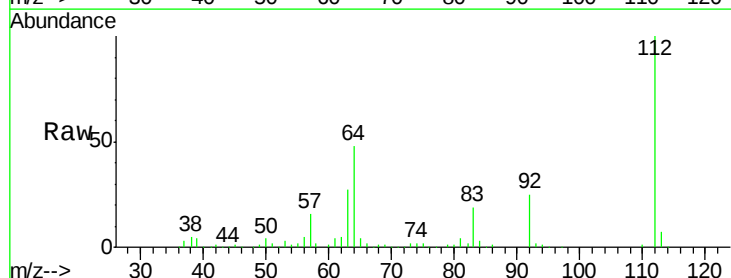
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



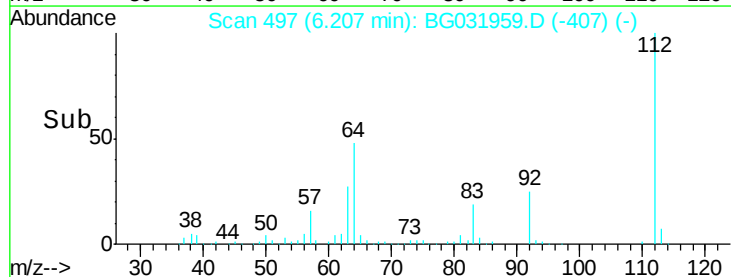
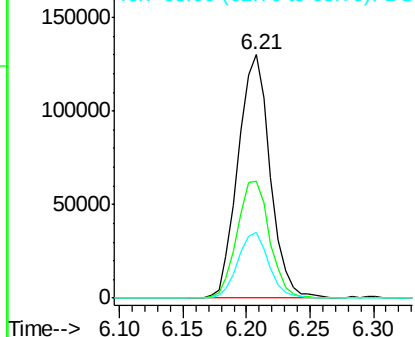
#5

2-Fluorophenol
Concen: 68.356 ng
RT: 6.21 min Scan# 497
Delta R.T. -0.00 min
Lab File: BG031959.D
Acq: 9 Jan 2018 23:19

Tgt Ion:112 Resp: 228577
Ion Ratio Lower Upper
112 100
64 48.2 56.3 84.5#
63 27.1 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: 42.534 ng

RT: 7.88 min Scan# 782

Delta R.T. -0.01 min

Lab File: BG031959.D

Acq: 9 Jan 2018 23:19

Instrument :

BNA_G

ClientSampled :

MW-1

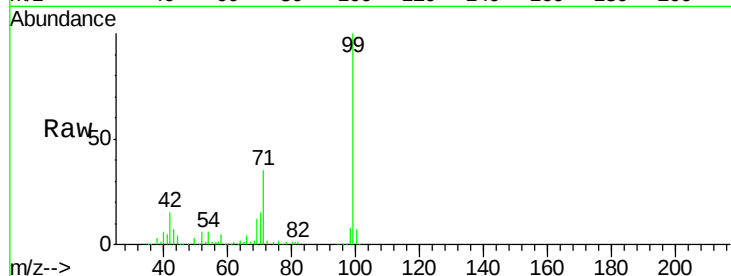
Tgt Ion: 99 Resp: 184664

Ion Ratio Lower Upper

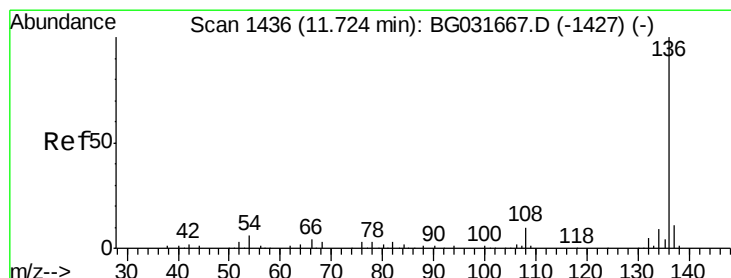
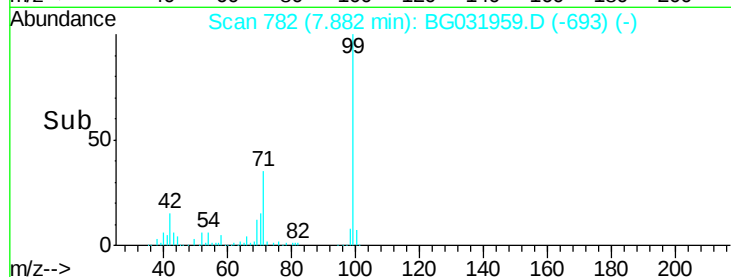
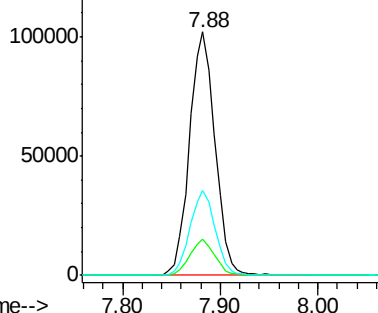
99 100

42 15.0 14.1 21.1

71 34.8 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: 11.67 min Scan# 1426

Delta R.T. -0.01 min

Lab File: BG031959.D

Acq: 9 Jan 2018 23:19

Tgt Ion: 136 Resp: 260500

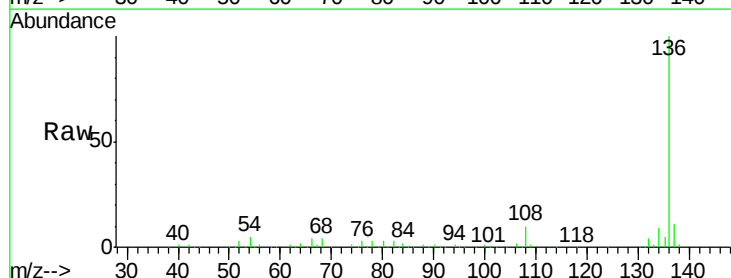
Ion Ratio Lower Upper

136 100

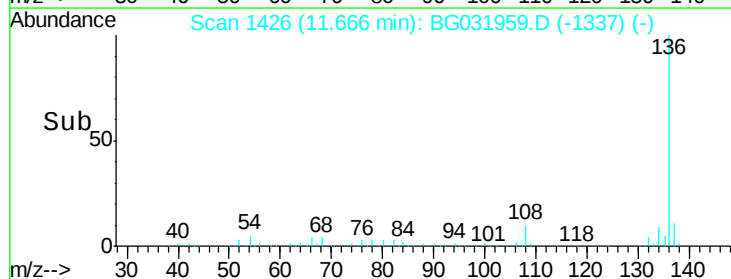
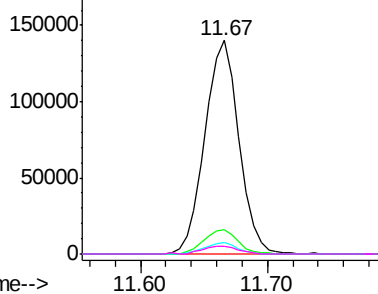
137 11.3 9.2 13.8

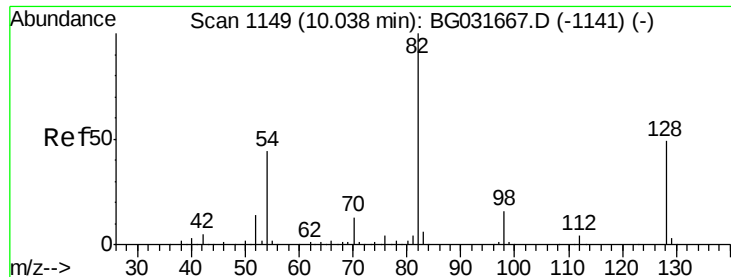
54 5.1 10.3 15.5#

68 3.7 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

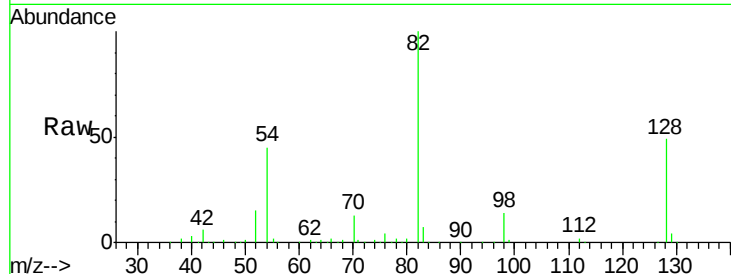




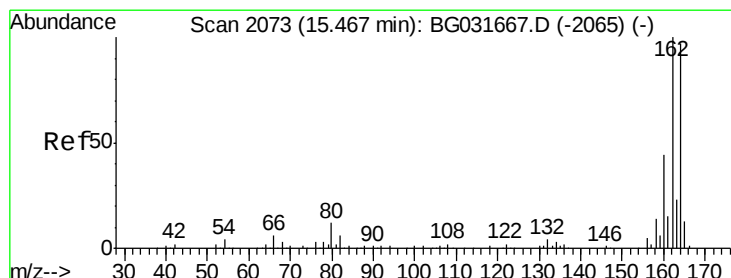
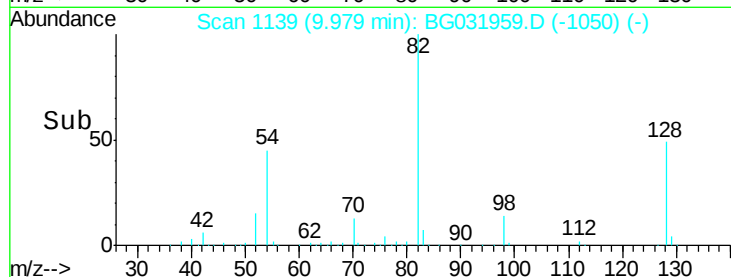
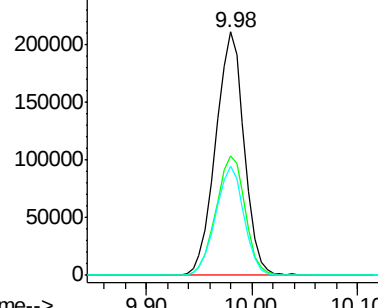
#23
Nitrobenzene-d5
Concen: 114.569 ng
RT: 9.98 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BG031959.D
Acq: 9 Jan 2018 23:19

Instrument :
BNA_G
ClientSampled :
MW-1

Tgt Ion: 82 Resp: 395236
Ion Ratio Lower Upper
82 100
128 49.2 29.7 44.5#
54 44.8 43.1 64.7

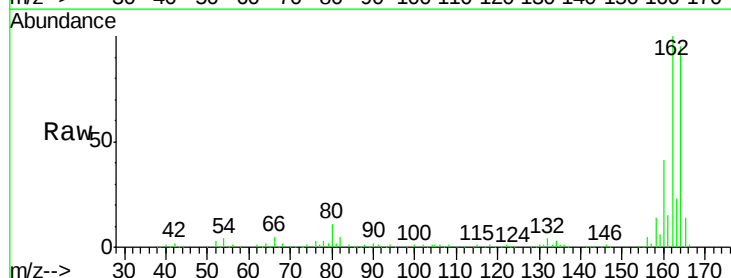


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

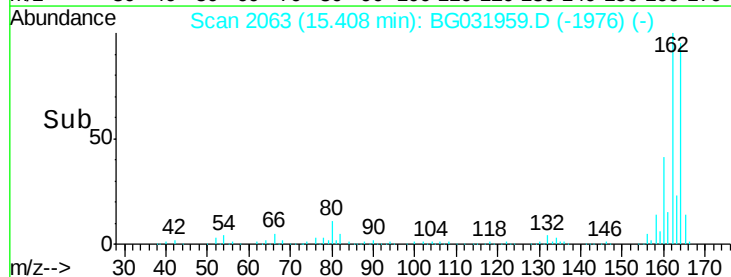
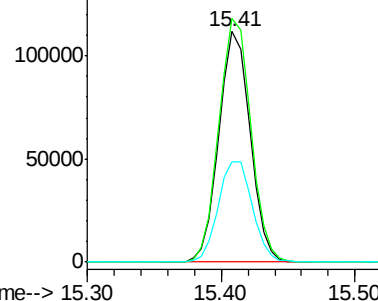


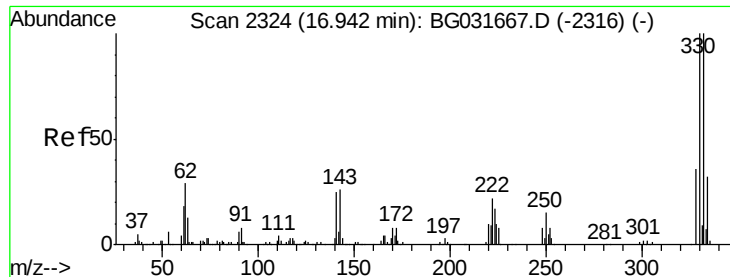
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.41 min Scan# 2063
Delta R.T. -0.02 min
Lab File: BG031959.D
Acq: 9 Jan 2018 23:19

Tgt Ion: 164 Resp: 180496
Ion Ratio Lower Upper
164 100
162 105.7 78.8 118.2
160 43.6 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

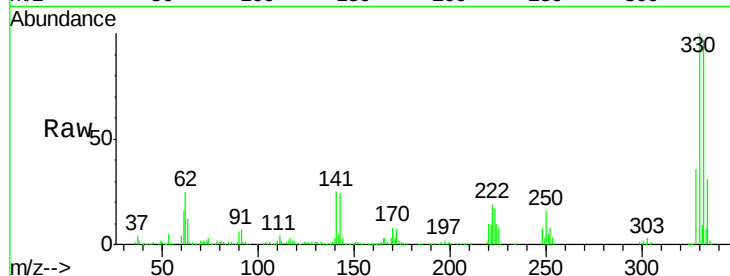




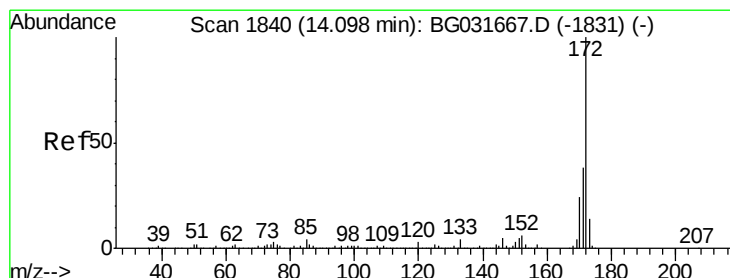
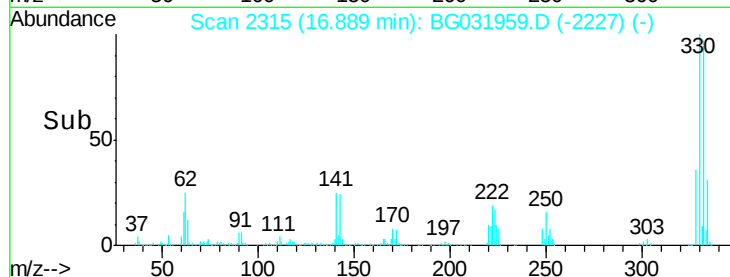
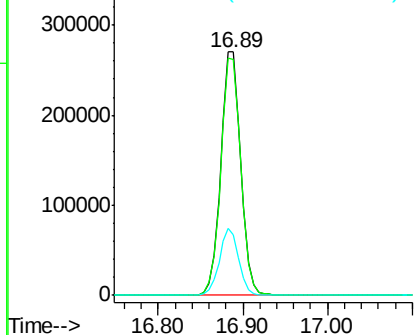
#41
 2,4,6-Tribromophenol
 Concen: 160.871 ng
 RT: 16.89 min Scan# 2315
 Delta R.T. -0.01 min
 Lab File: BG031959.D
 Acq: 9 Jan 2018 23:19

Instrument :
 BNA_G
 ClientSampleId :
 MW-1

Tgt Ion:330 Resp: 443058
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.0 115.6
 141 26.8 25.2 37.8

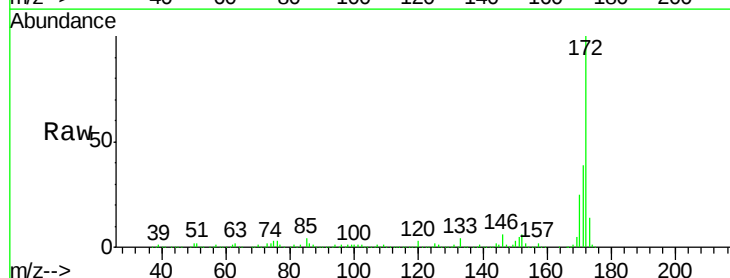


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

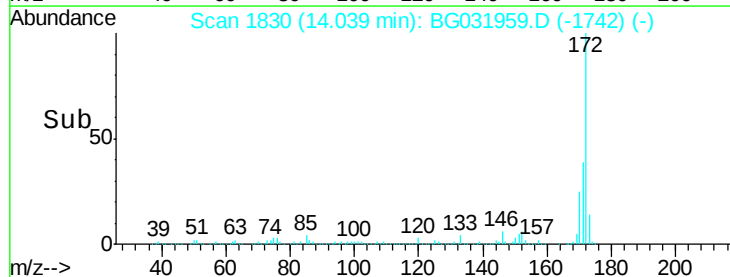
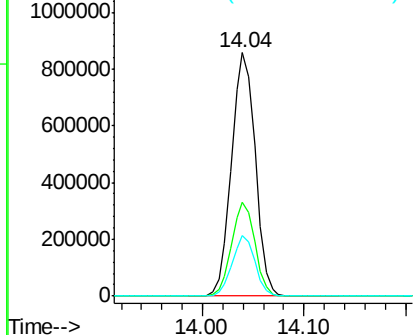


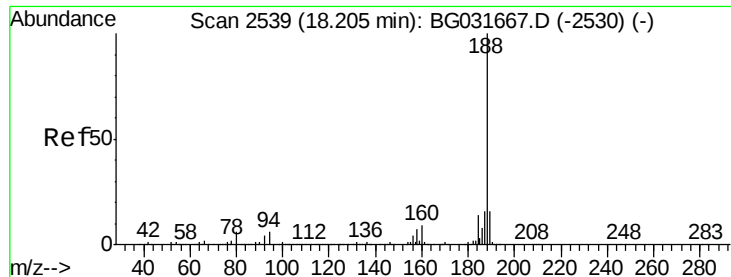
#44
 2-Fluorobiphenyl
 Concen: 96.902 ng
 RT: 14.04 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BG031959.D
 Acq: 9 Jan 2018 23:19

Tgt Ion:172 Resp: 1393506
 Ion Ratio Lower Upper
 172 100
 171 38.8 30.0 45.0
 170 24.6 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

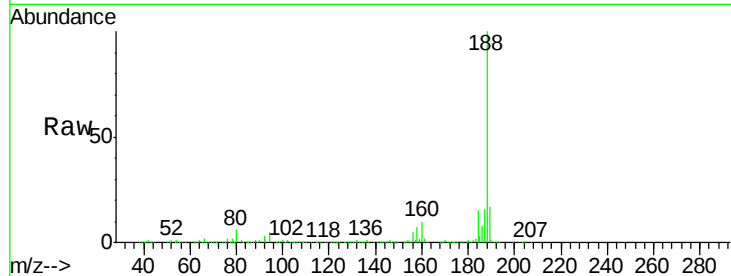




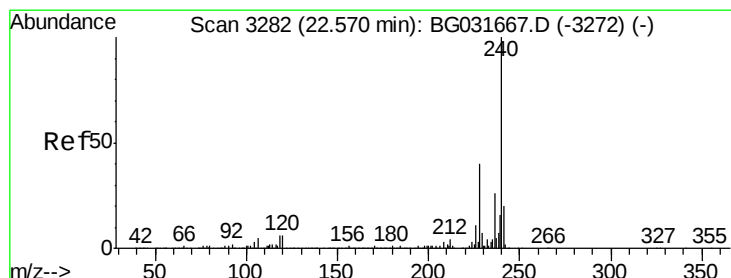
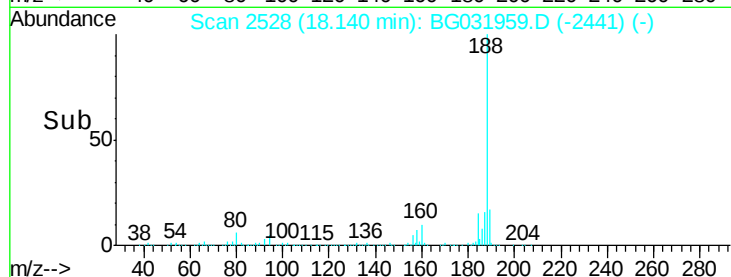
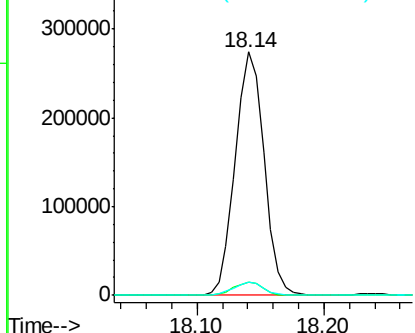
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.14 min Scan# 2528
Delta R.T. -0.02 min
Lab File: BG031959.D
Acq: 9 Jan 2018 23:19

Instrument :
BNA_G
ClientSampleId :
MW-1

Tgt Ion:188 Resp: 431768
Ion Ratio Lower Upper
188 100
94 5.5 6.9 10.3#
80 5.7 7.7 11.5#

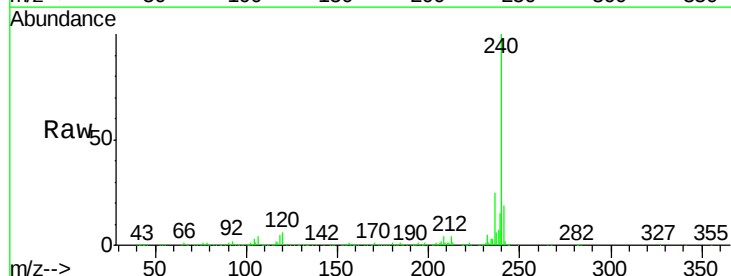


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

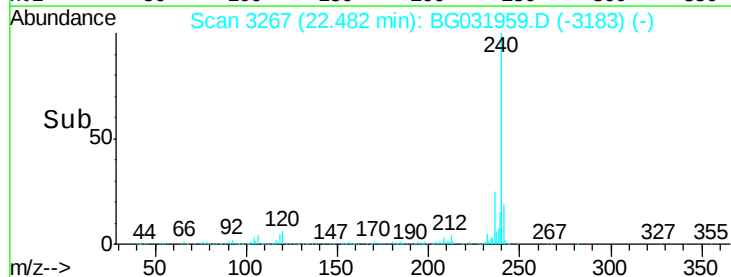
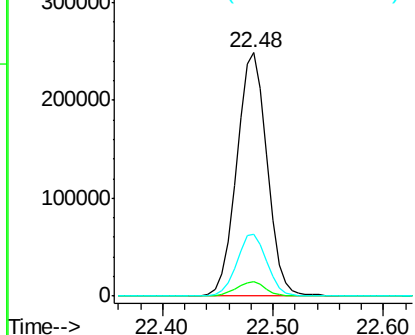


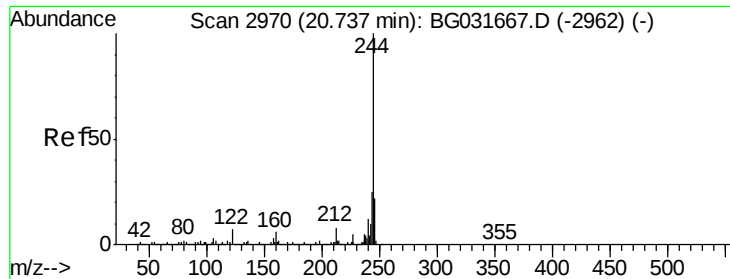
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.48 min Scan# 3267
Delta R.T. -0.04 min
Lab File: BG031959.D
Acq: 9 Jan 2018 23:19

Tgt Ion:240 Resp: 479668
Ion Ratio Lower Upper
240 100
120 5.8 6.8 10.2#
236 25.3 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: 100.918 ng

RT: 20.67 min Scan# 2959

Delta R.T. -0.03 min

Lab File: BG031959.D

Acq: 9 Jan 2018 23:19

Instrument :

BNA_G

ClientSampleId :

MW-1

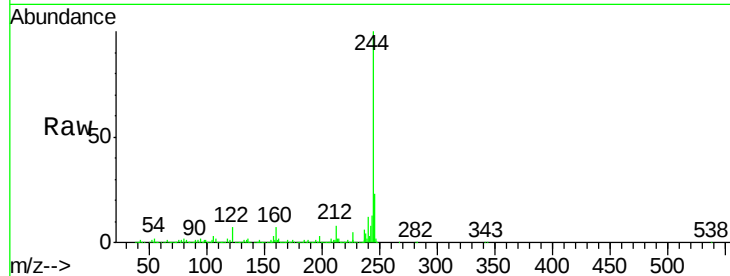
Tgt Ion:244 Resp: 2118795

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

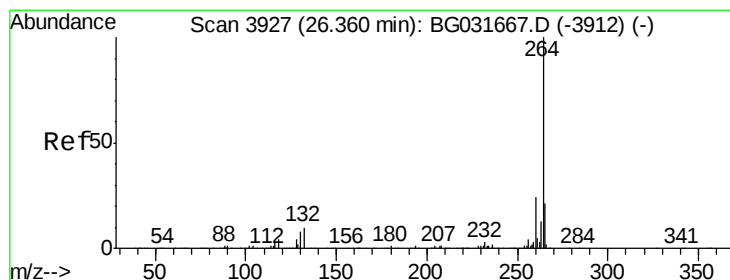
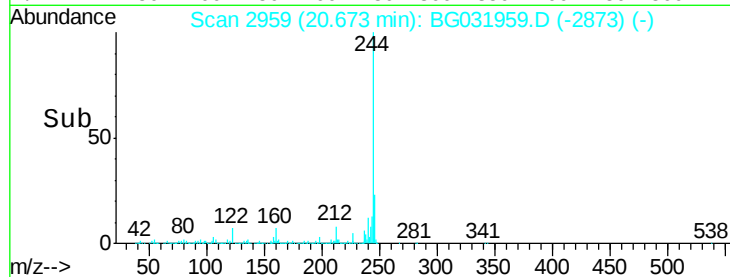
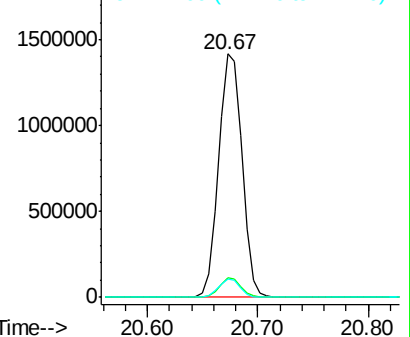
122 7.4 7.0 10.4



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: 26.21 min Scan# 3902

Delta R.T. -0.08 min

Lab File: BG031959.D

Acq: 9 Jan 2018 23:19

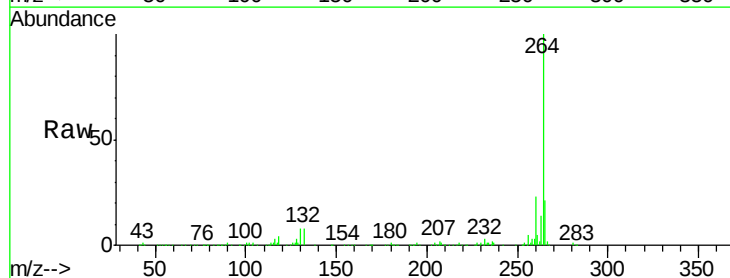
Tgt Ion:264 Resp: 482625

Ion Ratio Lower Upper

264 100

260 22.9 17.4 26.0

265 21.1 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

