

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022718\
 Data File : BG032863.D
 Acq On : 27 Feb 2018 20:26
 Operator : SJ/JU
 Sample : J1680-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-2

Quant Time: Feb 28 03:17:31 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 26 17:50:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	72123	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	315808	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	183826	20.00	ng	-0.01
63) Phenanthrene-d10	18.26	188	424790	20.00	ng	0.00
75) Chrysene-d12	22.61	240	402008	20.00	ng	-0.02
86) Perylene-d12	26.43	264	412316	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	233671	51.83	ng	0.00
7) Phenol-d6	8.01	99	186092	29.62	ng	0.00
23) Nitrobenzene-d5	10.12	82	646004	135.31	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	253002	130.89	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	1440064	112.98	ng	0.00
78) Terphenyl-d14	20.78	244	1895766	105.95	ng	0.00

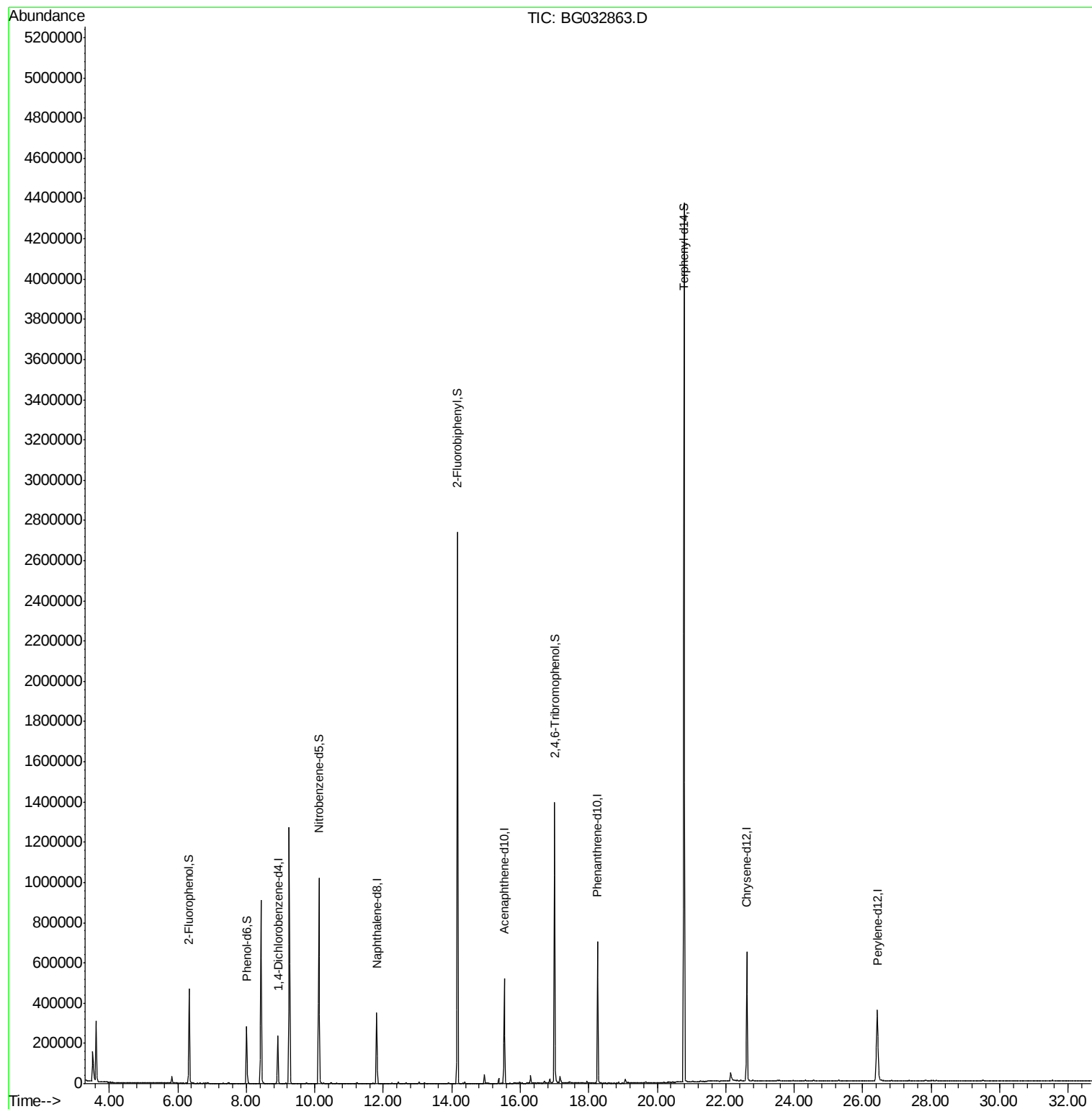
Target Compounds Qvalue

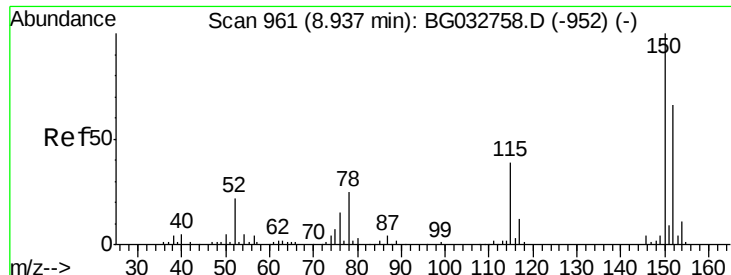
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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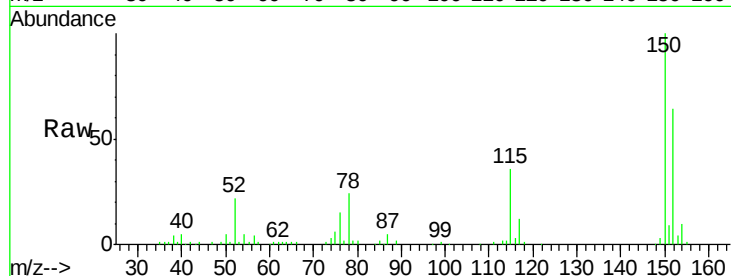


#1

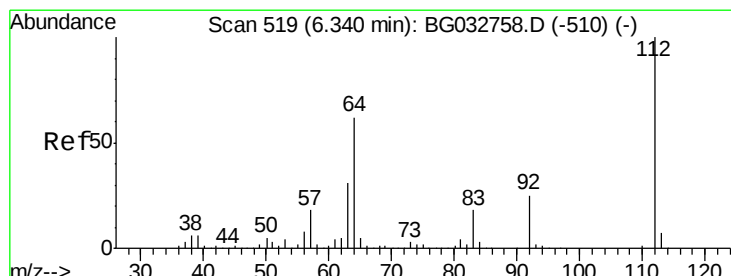
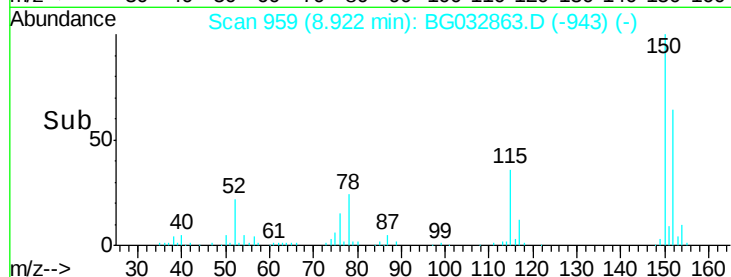
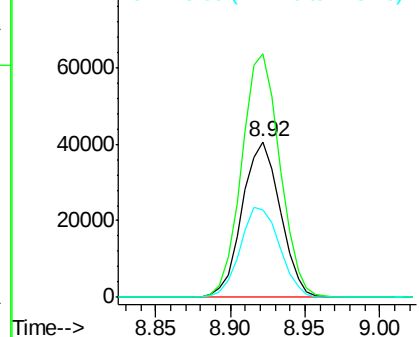
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG032863.D
Acq: 27 Feb 2018 20:26

Instrument :
BNA_G
ClientSampleId :
MW-2

Tot Ion:152 Resp: 72123
Ion Ratio Lower Upper
152 100
150 156.6 126.6 189.8
115 56.5 53.0 79.4



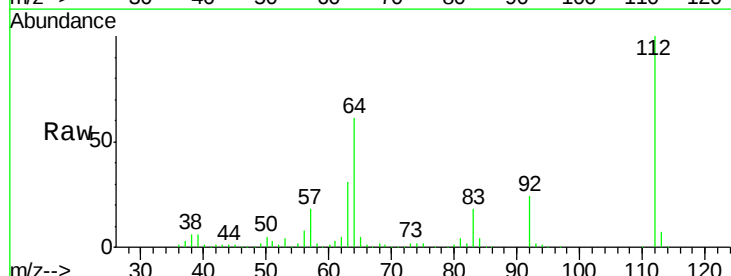
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



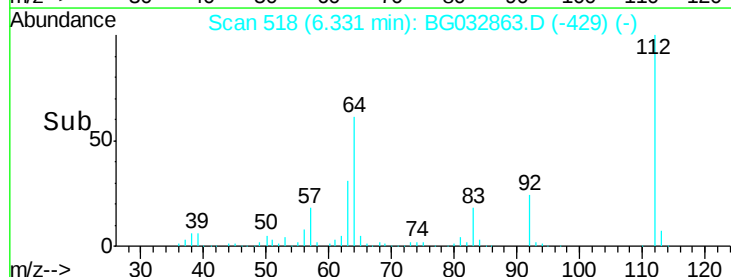
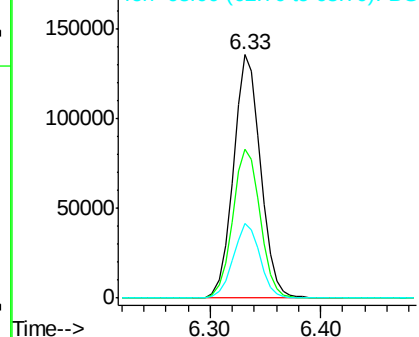
#5

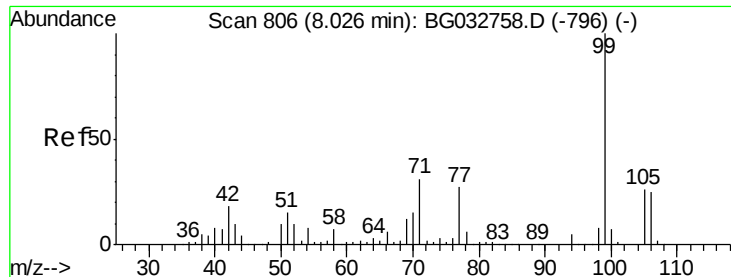
2-Fluorophenol
Concen: 51.834 ng
RT: 6.33 min Scan# 518
Delta R.T. -0.00 min
Lab File: BG032863.D
Acq: 27 Feb 2018 20:26

Tgt Ion:112 Resp: 233671
Ion Ratio Lower Upper
112 100
64 61.0 56.3 84.5
63 30.7 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: 29.615 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.00 min

Lab File: BG032863.D

Acq: 27 Feb 2018 20:26

Instrument :

BNA_G

ClientSampled :

MW-2

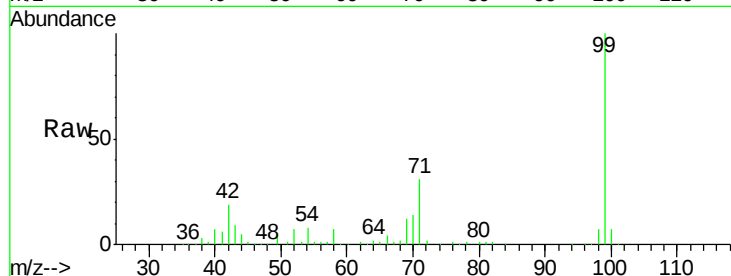
Tot Ion: 99 Resp: 186092

Ion Ratio Lower Upper

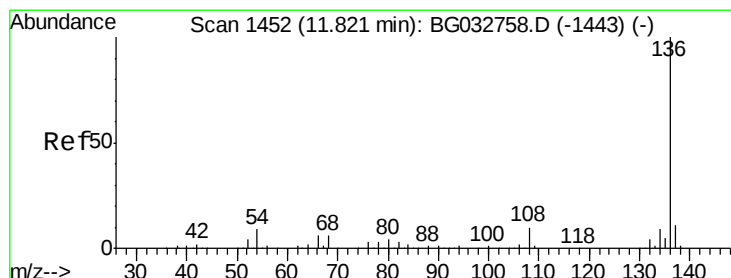
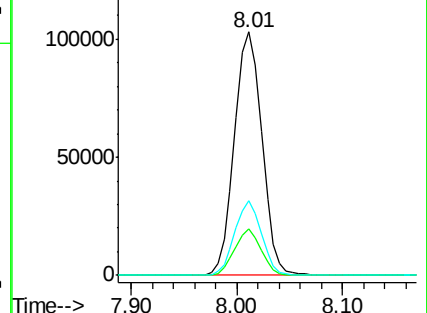
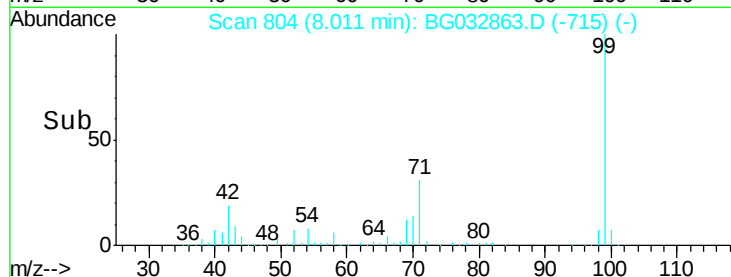
99 100

42 19.1 14.1 21.1

71 30.6 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: 11.81 min Scan# 1450

Delta R.T. -0.00 min

Lab File: BG032863.D

Acq: 27 Feb 2018 20:26

Tgt Ion: 136 Resp: 315808

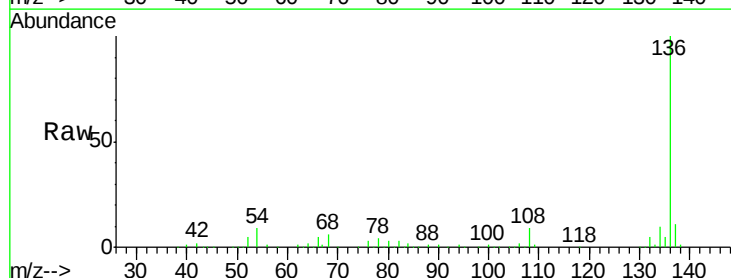
Ion Ratio Lower Upper

136 100

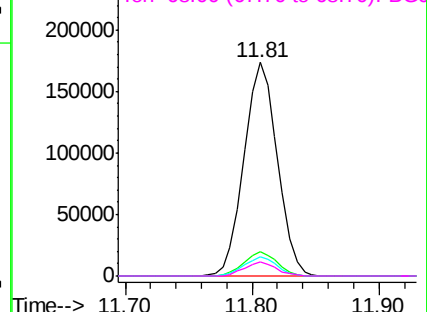
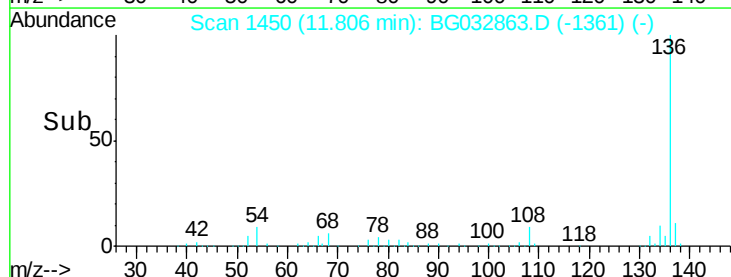
137 11.3 9.2 13.8

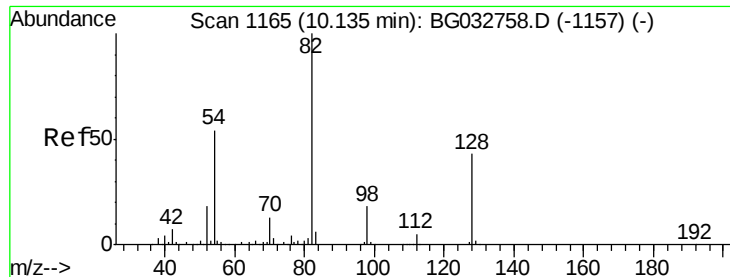
54 9.1 10.3 15.5#

68 6.4 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

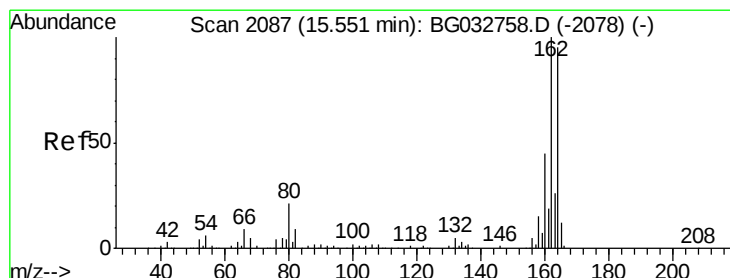
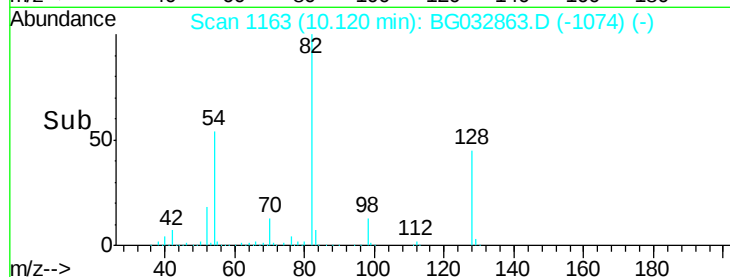
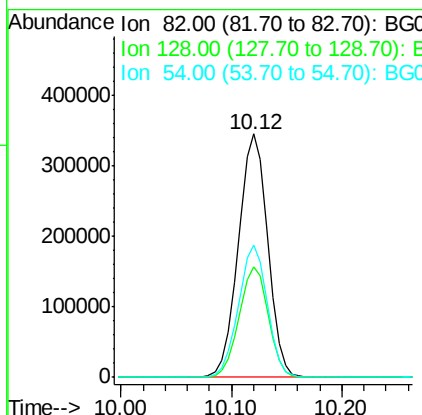
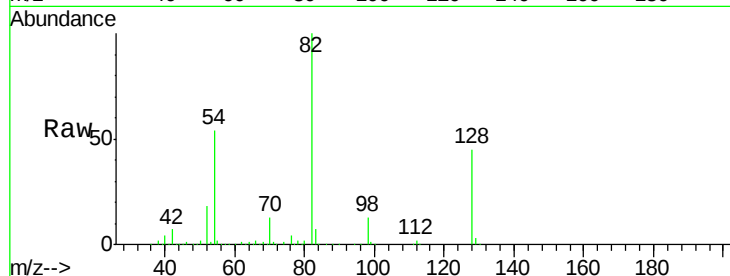




#23
Nitrobenzene-d5
Concen: 135.310 ng
RT: 10.12 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BG032863.D
Acq: 27 Feb 2018 20:26

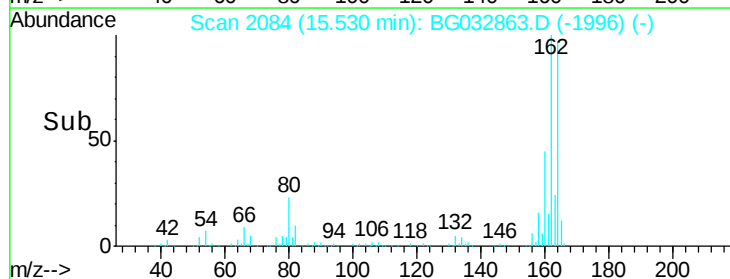
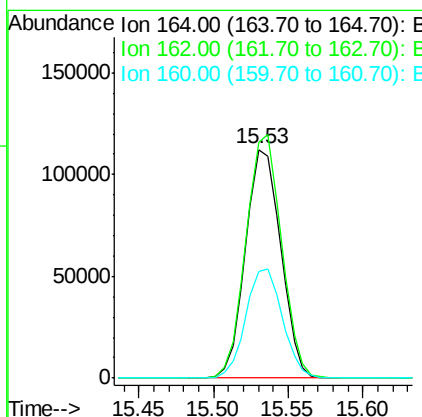
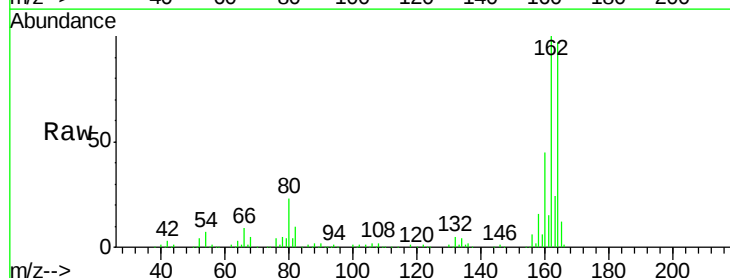
Instrument :
BNA_G
ClientSampleId :
MW-2

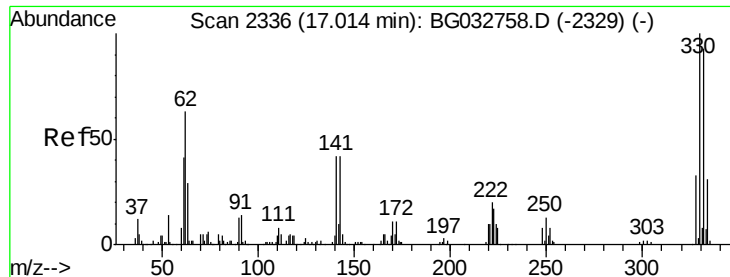
Tot Ion: 82 Resp: 646004
Ion Ratio Lower Upper
82 100
128 45.5 29.7 44.5#
54 54.3 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.53 min Scan# 2084
Delta R.T. -0.01 min
Lab File: BG032863.D
Acq: 27 Feb 2018 20:26

Tgt Ion:164 Resp: 183826
Ion Ratio Lower Upper
164 100
162 103.0 78.8 118.2
160 46.5 35.4 53.0





#41

2,4,6-Tribromophenol

Concen: 130.895 ng

RT: 17.00 min Scan# 2335

Delta R.T. -0.00 min

Lab File: BG032863.D

Acq: 27 Feb 2018 20:26

Instrument :

BNA_G

ClientSampleId :

MW-2

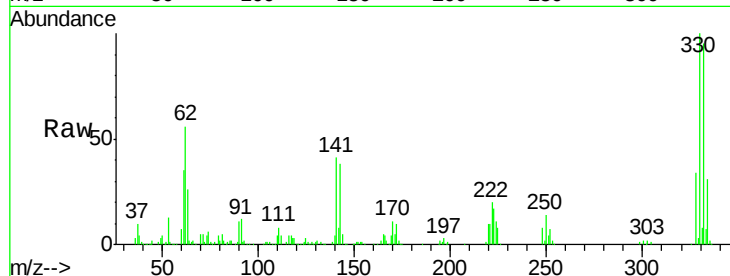
Tot Ion:330 Resp: 253002

Ion Ratio Lower Upper

330 100

332 95.7 77.0 115.6

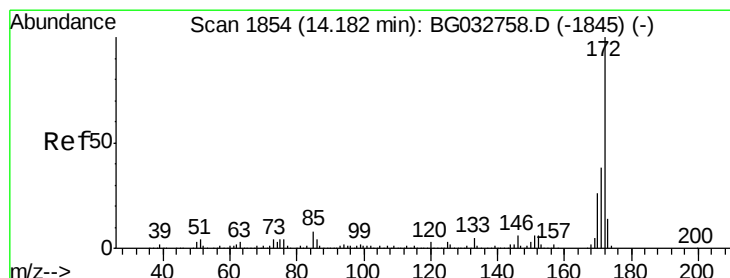
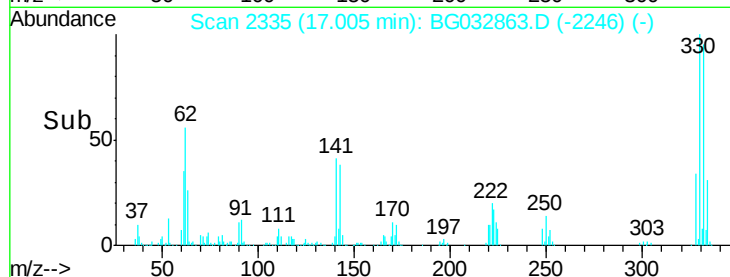
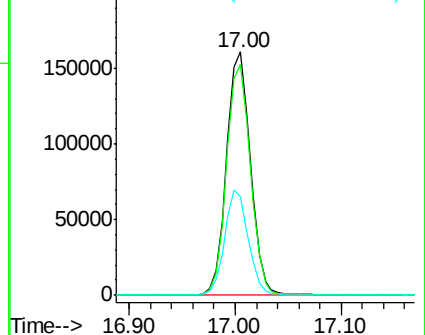
141 42.7 25.2 37.8#



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: 112.984 ng

RT: 14.17 min Scan# 1852

Delta R.T. -0.00 min

Lab File: BG032863.D

Acq: 27 Feb 2018 20:26

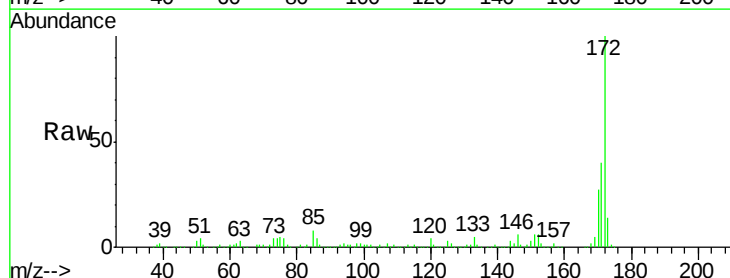
Tgt Ion:172 Resp: 1440064

Ion Ratio Lower Upper

172 100

171 40.3 30.0 45.0

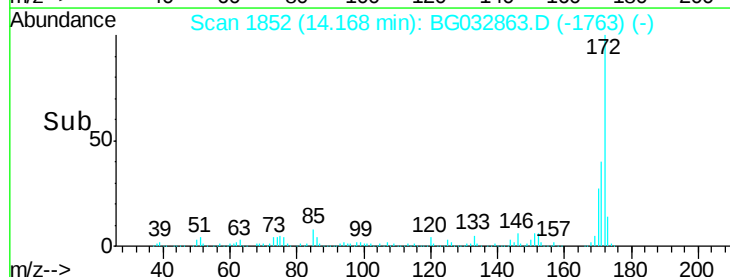
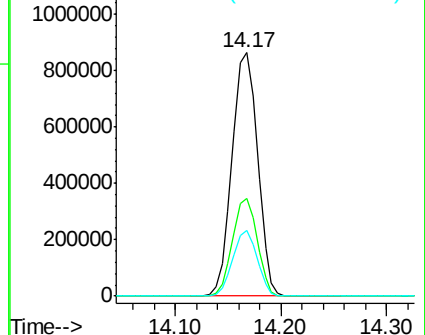
170 27.0 19.5 29.3

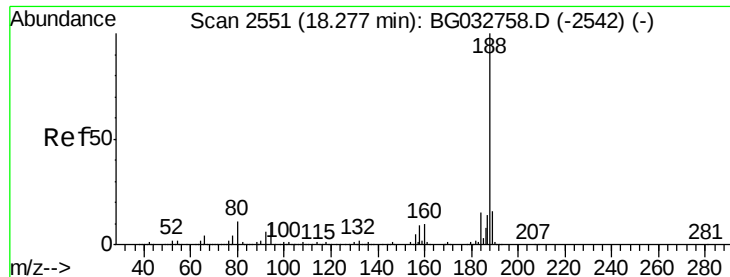


Abundance Ion 172.00 (171.70 to 172.70): E

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: 18.26 min Scan# 2549

Delta R.T. -0.00 min

Lab File: BG032863.D

Acq: 27 Feb 2018 20:26

Instrument :

BNA_G

ClientSampleId :

MW-2

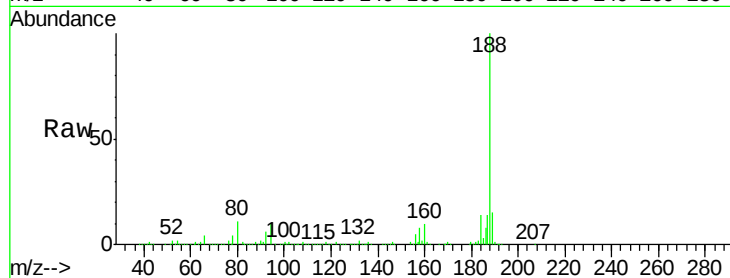
Tot Ion:188 Resp: 424790

Ion Ratio Lower Upper

188 100

94 9.8 6.9 10.3

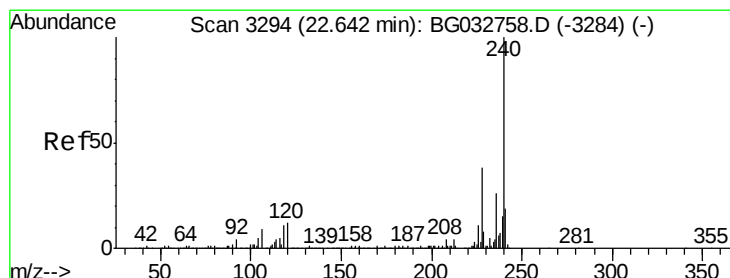
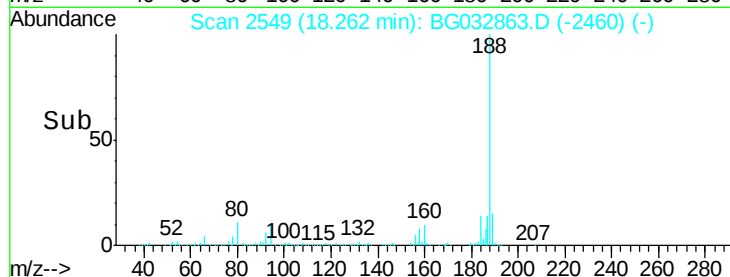
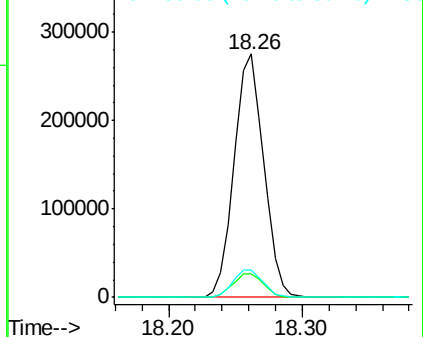
80 11.2 7.7 11.5



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# 3290

Delta R.T. -0.02 min

Lab File: BG032863.D

Acq: 27 Feb 2018 20:26

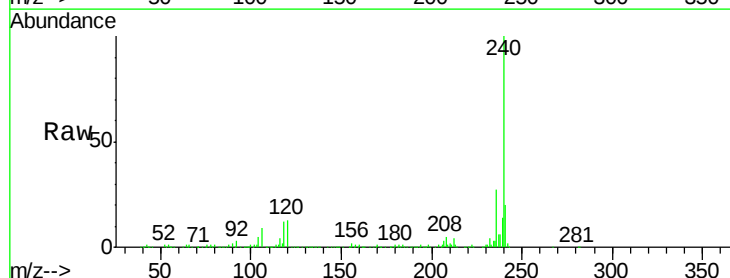
Tgt Ion:240 Resp: 402008

Ion Ratio Lower Upper

240 100

120 13.1 6.8 10.2#

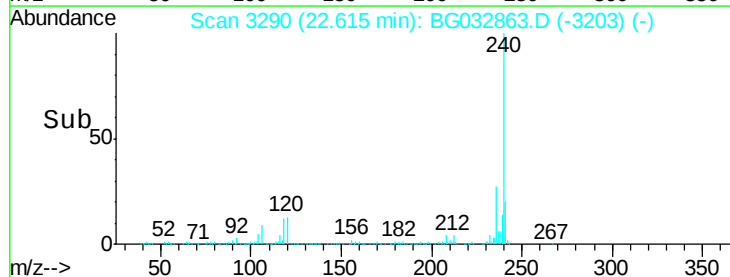
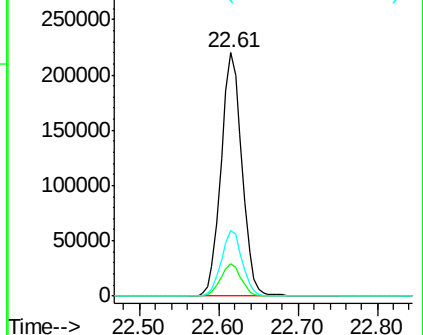
236 27.1 20.9 31.3

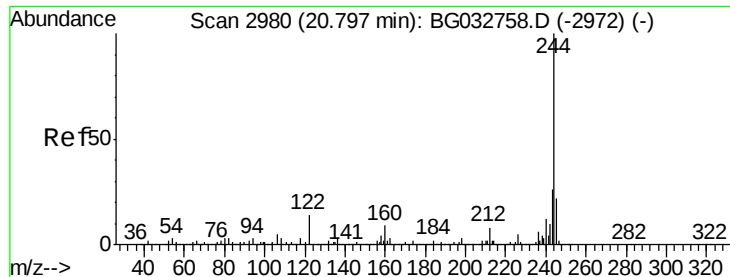


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 105.950 ng

RT: 20.78 min Scan# 2978

Delta R.T. -0.00 min

Lab File: BG032863.D

Acq: 27 Feb 2018 20:26

Instrument :

BNA_G

ClientSampleId :

MW-2

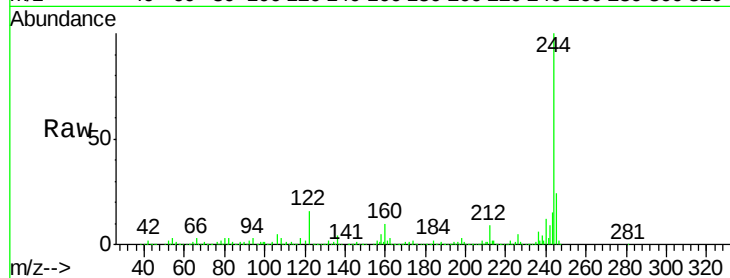
Tot Ion:244 Resp: 1895766

Ion Ratio Lower Upper

244 100

212 9.4 5.8 8.8#

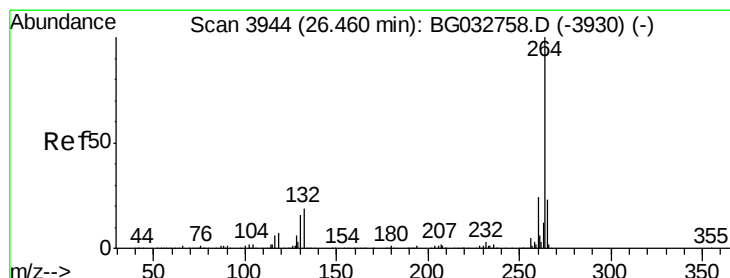
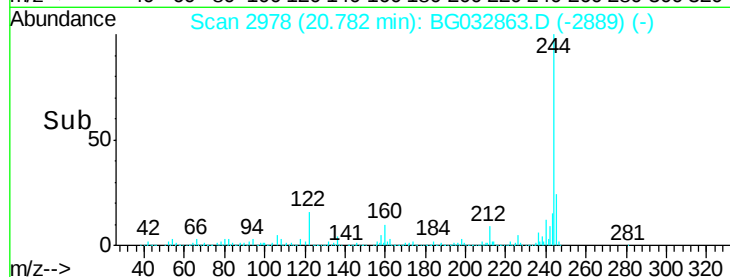
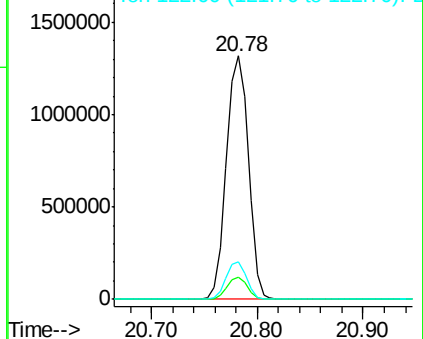
122 15.6 7.0 10.4#



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: 26.43 min Scan# 3939

Delta R.T. -0.01 min

Lab File: BG032863.D

Acq: 27 Feb 2018 20:26

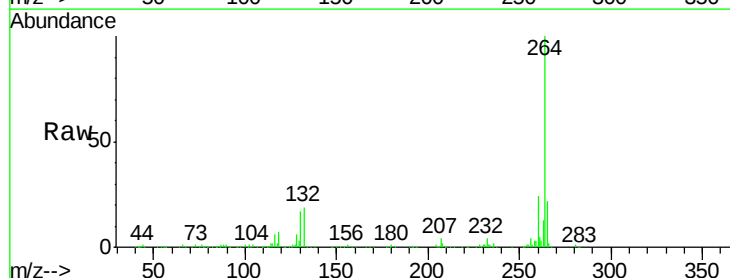
Tgt Ion:264 Resp: 412316

Ion Ratio Lower Upper

264 100

260 24.4 17.4 26.0

265 22.3 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

