

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062717\
 Data File : BG027703.D
 Acq On : 27 Jun 2017 19:56
 Operator : SJ/JU
 Sample : I3870-03DL 10X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 QNWP8-MW27S-GWDL

Quant Time: Jun 28 02:20:22 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 21 18:52:15 2017
 Response via : Initial Calibration

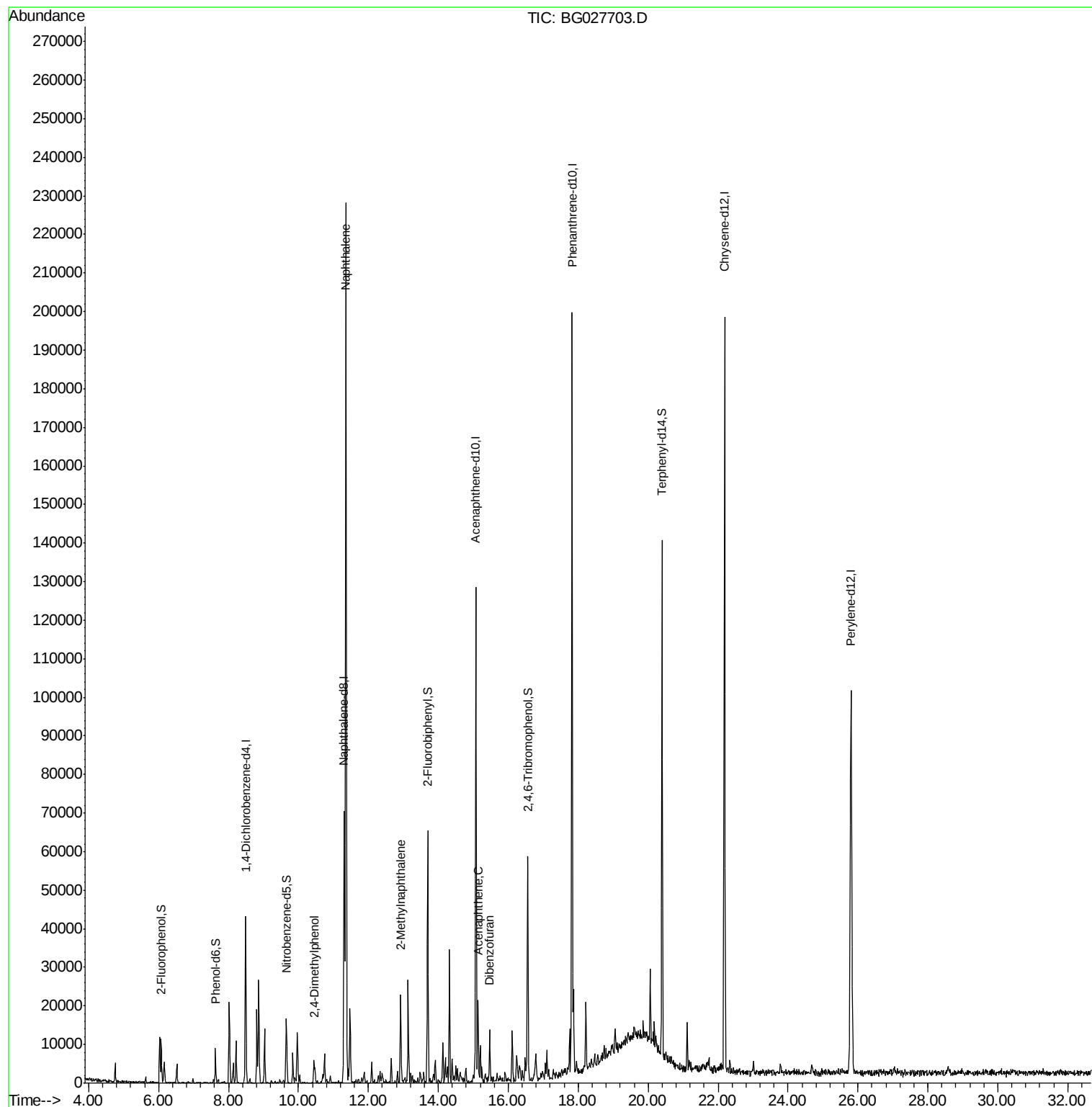
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.49	152	12174	20.00	ng	-0.02
21) Naphthalene-d8	11.30	136	59074	20.00	ng	-0.02
38) Acenaphthene-d10	15.07	164	43090	20.00	ng	-0.02
63) Phenanthrene-d10	17.82	188	120459	20.00	ng	-0.02
75) Chrysene-d12	22.19	240	137796	20.00	ng	-0.03
86) Perylene-d12	25.80	264	124099	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	6.07	112	5586	6.53	ng	-0.02
7) Phenol-d6	7.63	99	5008	3.95	ng	-0.02
23) Nitrobenzene-d5	9.65	82	11269	9.03	ng	-0.02
41) 2,4,6-Tribromophenol	16.56	330	10000	15.57	ng	-0.02
44) 2-Fluorobiphenyl	13.70	172	31179	9.88	ng	-0.02
78) Terphenyl-d14	20.39	244	57534	9.84	ng	-0.02
Target Compounds						
27) 2,4-Dimethylphenol	10.44	122	3139	3.28	ng	# 80
31) Naphthalene	11.35	128	190754	59.74	ng	99
37) 2-Methylnaphthalene	12.93	142	10568	4.55	ng	95
51) Acenaphthene	15.14	154	8206	2.52	ng	97
54) Dibenzofuran	15.46	168	8993	2.12	ng	# 91

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

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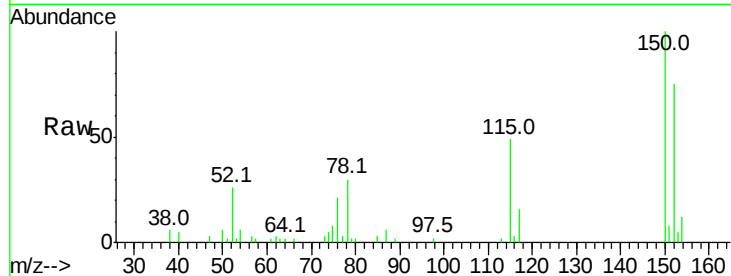


#1

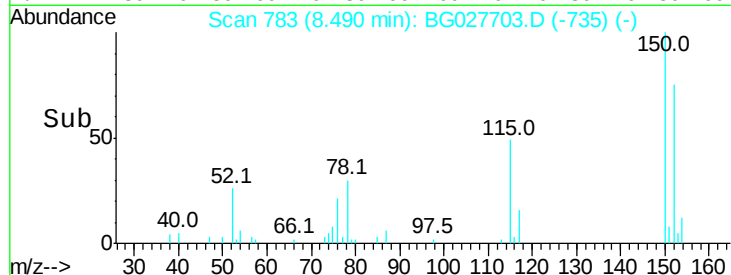
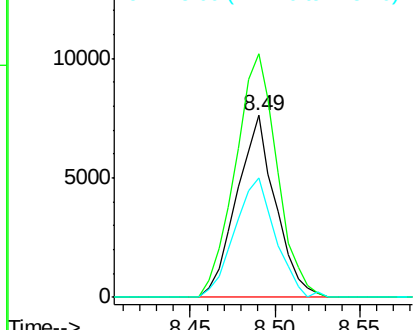
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.49 min Scan# 783
Delta R.T. -0.02 min
Lab File: BG027703.D
Acq: 27 Jun 2017 19:56

Instrument :
BNA_G
ClientSampleId :
QNWP8-MW27S-GWDL

Tot Ion:152 Resp: 12174
Ion Ratio Lower Upper
152 100
150 133.9 114.0 171.0
115 65.6 48.1 72.1



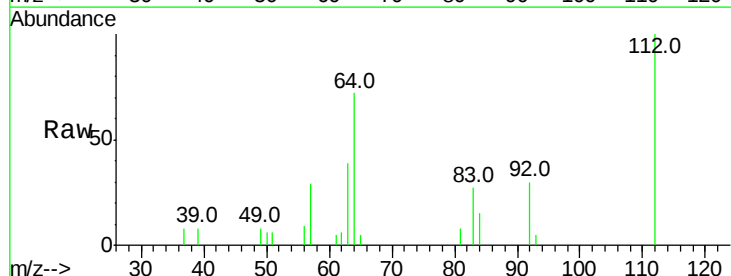
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



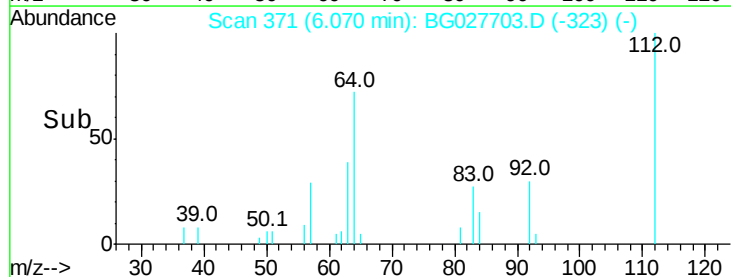
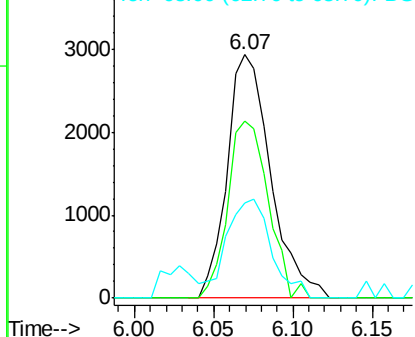
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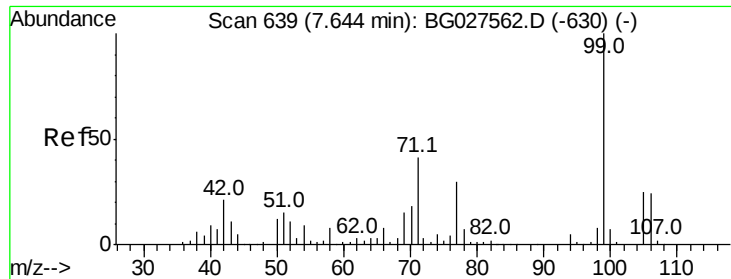
2-Fluorophenol
Concen: 6.53 ng
RT: 6.07 min Scan# 371
Delta R.T. -0.02 min
Lab File: BG027703.D
Acq: 27 Jun 2017 19:56

Tgt Ion:112 Resp: 5586
Ion Ratio Lower Upper
112 100
64 72.5 61.8 92.6
63 39.0 37.2 55.8



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: 3.95 ng

RT: 7.63 min Scan# 636

Delta R.T. -0.02 min

Lab File: BG027703.D

Acq: 27 Jun 2017 19:56

Instrument :

BNA_G

ClientSampleId :

QNWP8-MW27S-GWDL

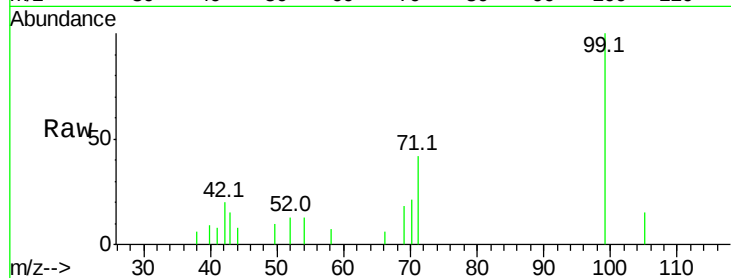
Tot Ion: 99 Resp: 5008

Ion Ratio Lower Upper

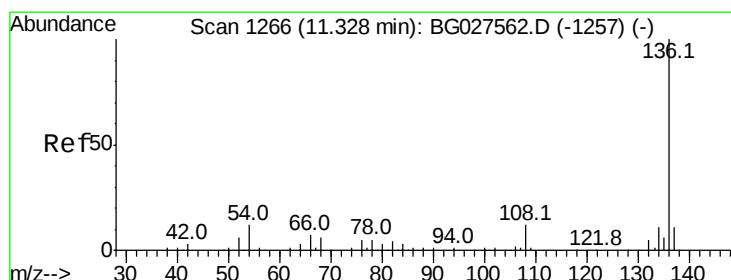
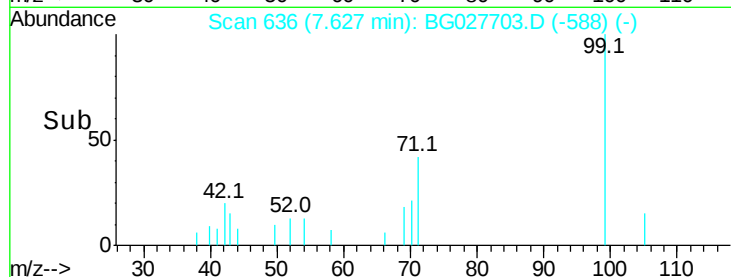
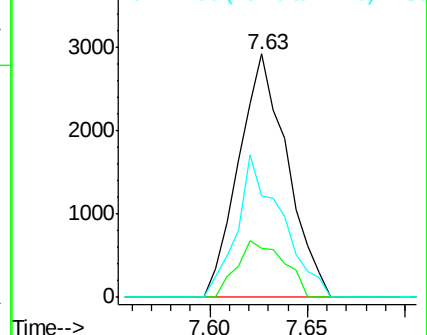
99 100

42 19.9 20.5 30.7#

71 41.9 37.6 56.4



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: 20.00 ng

RT: 11.30 min Scan# 1262

Delta R.T. -0.02 min

Lab File: BG027703.D

Acq: 27 Jun 2017 19:56

Tgt Ion: 136 Resp: 59074

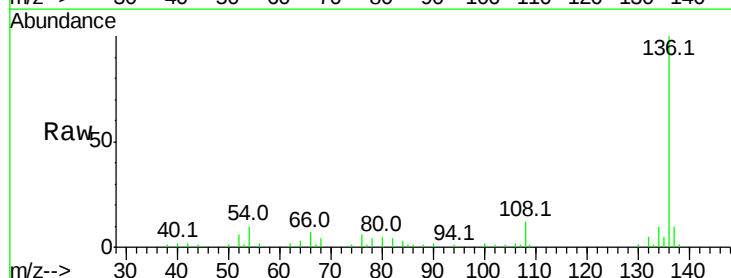
Ion Ratio Lower Upper

136 100

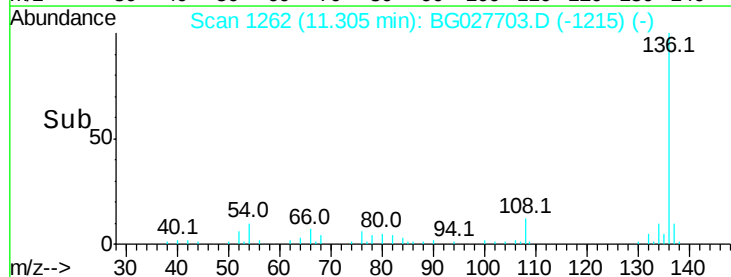
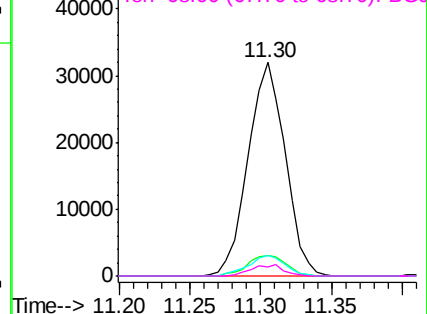
137 9.9 8.9 13.3

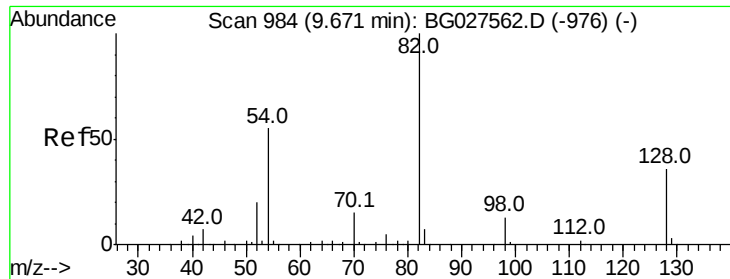
54 9.7 9.3 13.9

68 4.2 5.1 7.7#



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

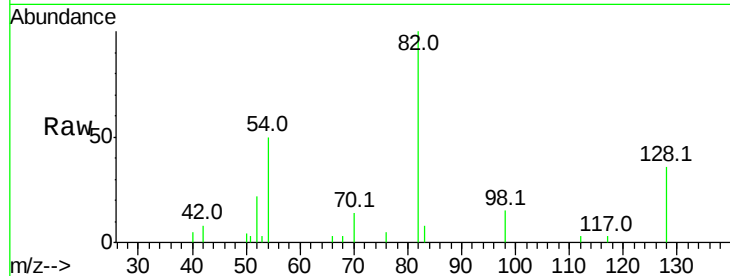




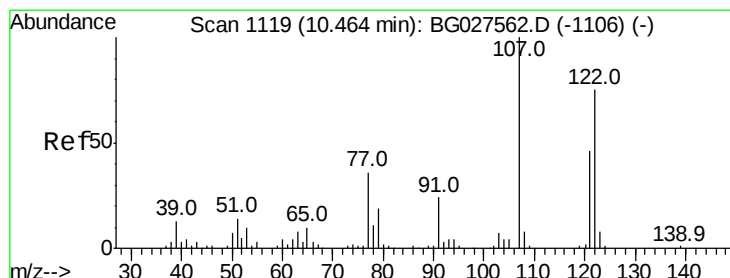
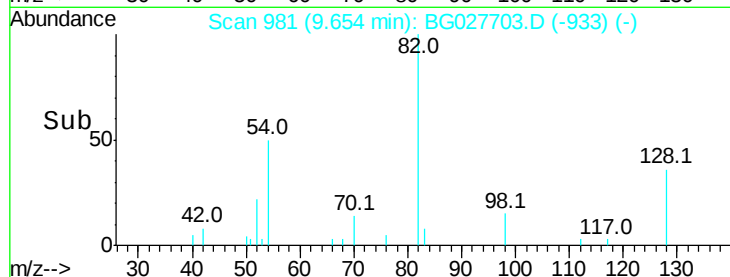
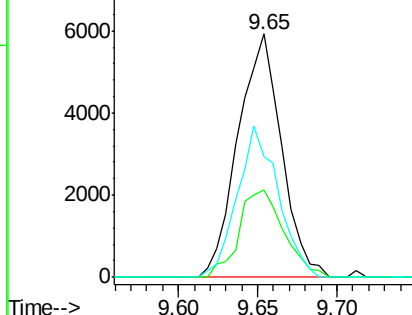
#23
 Nitrobenzene-d5
 Concen: 9.03 ng
 RT: 9.65 min Scan# 981
 Delta R.T. -0.02 min
 Lab File: BG027703.D
 Acq: 27 Jun 2017 19:56

Instrument :
 BNA_G
 ClientSampleId :
 QNWP8-MW27S-GWDL

Tot Ion	82	Resp	11269
Ion Ratio	Lower	Upper	
82	100		
128	36.2	26.4	39.6
54	49.6	49.4	74.2

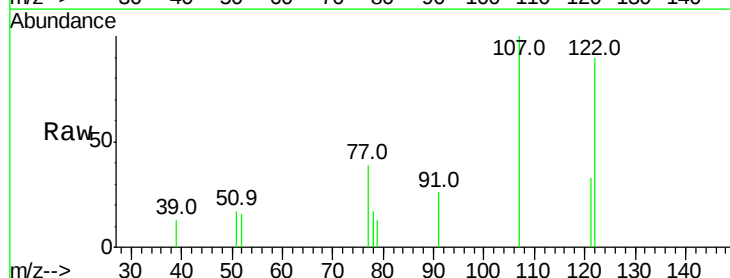


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

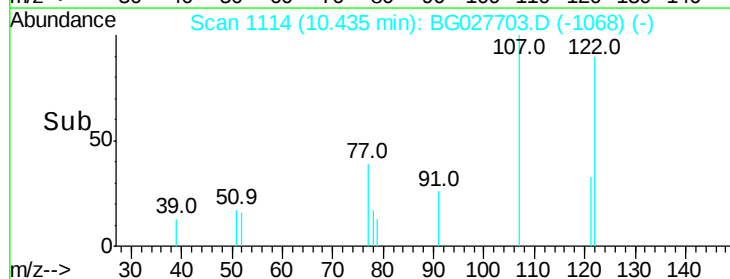
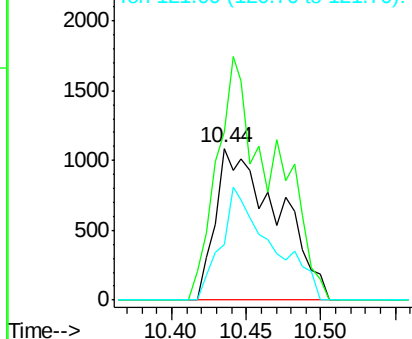


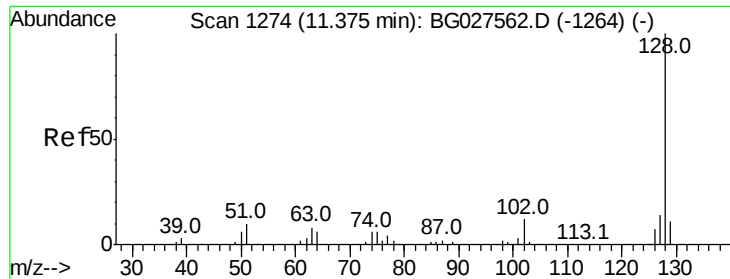
#27
 2,4-Dimethylphenol
 Concen: 3.28 ng
 RT: 10.44 min Scan# 1114
 Delta R.T. -0.03 min
 Lab File: BG027703.D
 Acq: 27 Jun 2017 19:56

Tgt Ion	122	Resp	3139
Ion Ratio	Lower	Upper	
122	100		
107	110.8	104.2	156.4
121	36.9	46.0	69.0#



Abundance Ion 122.00 (121.70 to 122.70): BGC
 Ion 107.00 (106.70 to 107.70): BGC
 Ion 121.00 (120.70 to 121.70): BGC

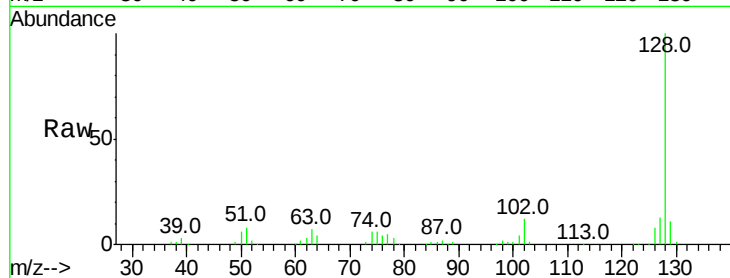




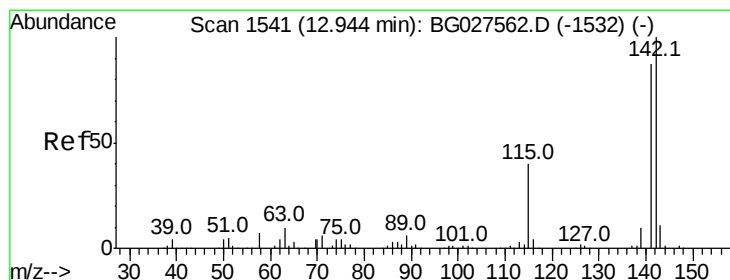
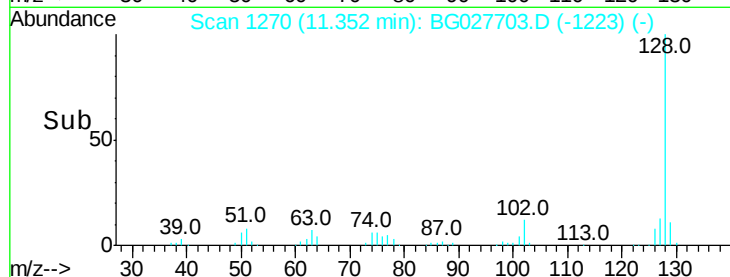
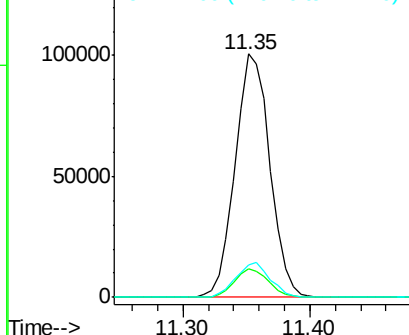
#31
Naphthalene
Concen: 59.74 ng
RT: 11.35 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BG027703.D
Acq: 27 Jun 2017 19:56

Instrument :
BNA_G
ClientSampleId :
QNWP8-MW27S-GWDL

Tot Ion:128 Resp: 190754
Ion Ratio Lower Upper
128 100
129 11.5 9.3 13.9
127 13.2 11.4 17.0

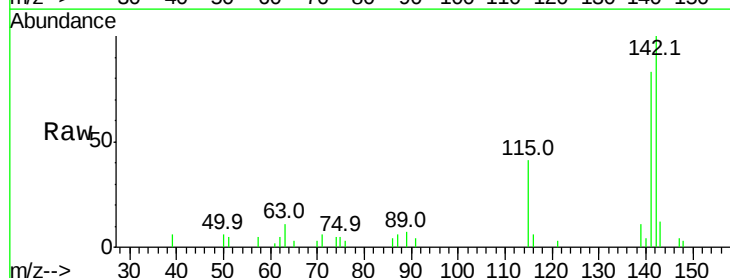


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

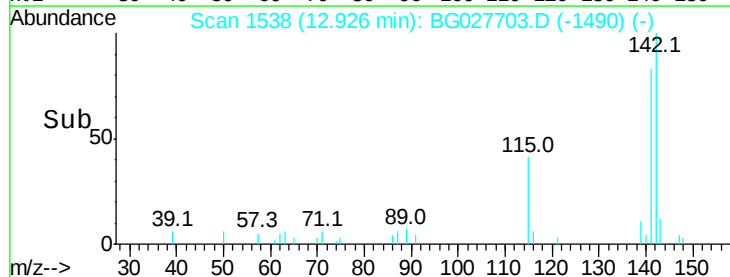
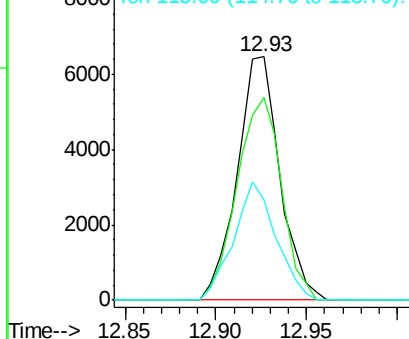


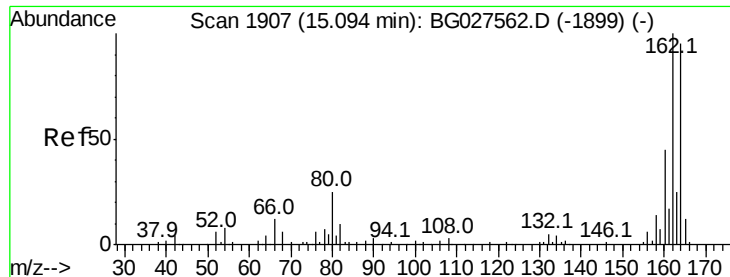
#37
2-Methylnaphthalene
Concen: 4.55 ng
RT: 12.93 min Scan# 1538
Delta R.T. -0.02 min
Lab File: BG027703.D
Acq: 27 Jun 2017 19:56

Tgt Ion:142 Resp: 10568
Ion Ratio Lower Upper
142 100
141 83.4 70.4 105.6
115 41.3 35.5 53.3



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.07 min Scan# 1903

Delta R.T. -0.02 min

Lab File: BG027703.D

Acq: 27 Jun 2017 19:56

Instrument :

BNA_G

ClientSampleId :

QNWP8-MW27S-GWDL

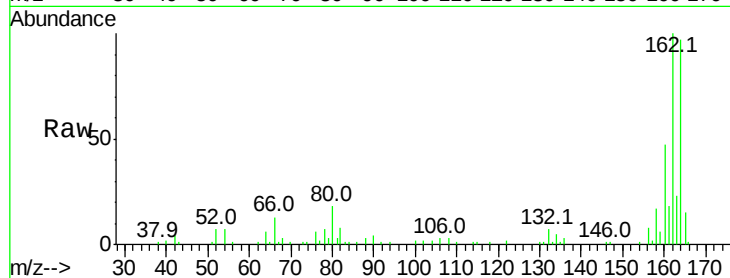
Tot Ion:164 Resp: 43090

Ion Ratio Lower Upper

164 100

162 103.2 85.1 127.7

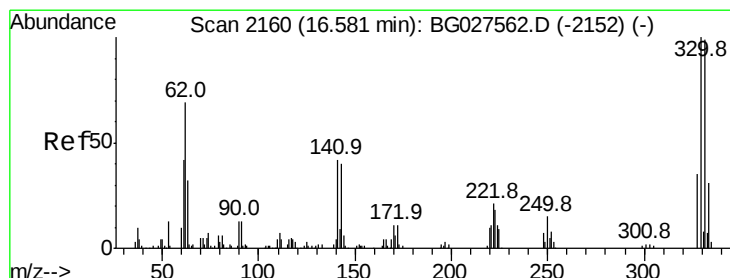
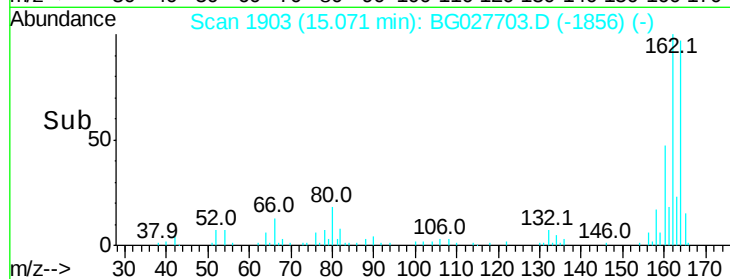
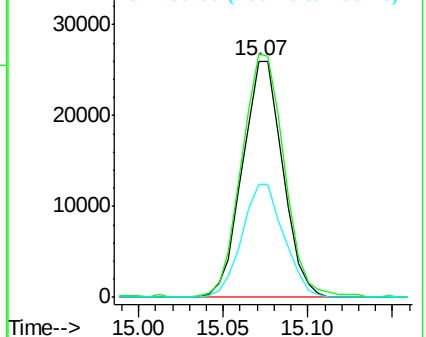
160 48.0 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 15.57 ng

RT: 16.56 min Scan# 2156

Delta R.T. -0.02 min

Lab File: BG027703.D

Acq: 27 Jun 2017 19:56

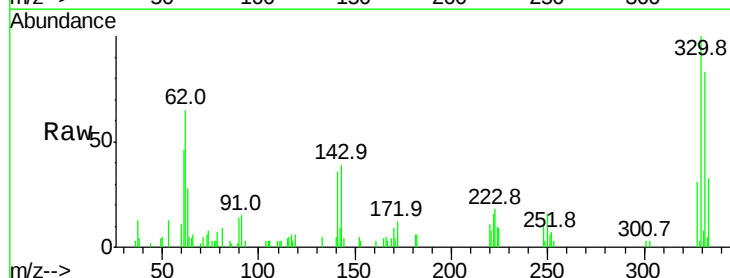
Tgt Ion:330 Resp: 10000

Ion Ratio Lower Upper

330 100

332 91.7 77.3 115.9

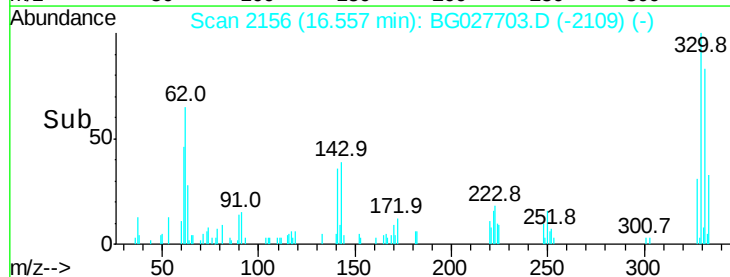
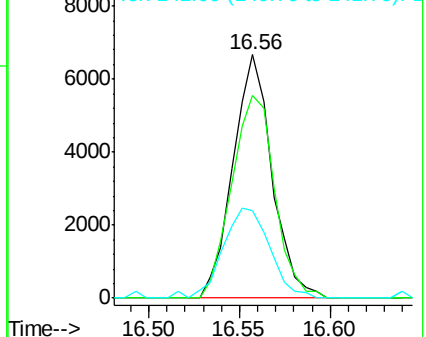
141 44.6 32.1 48.1

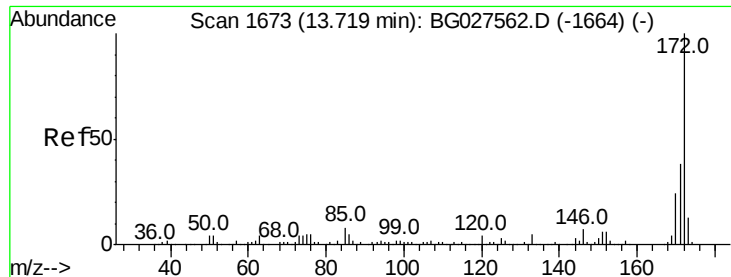


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

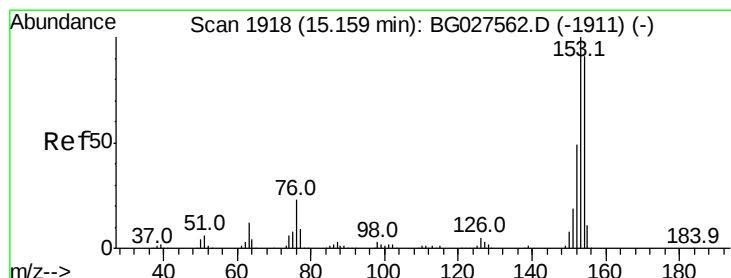
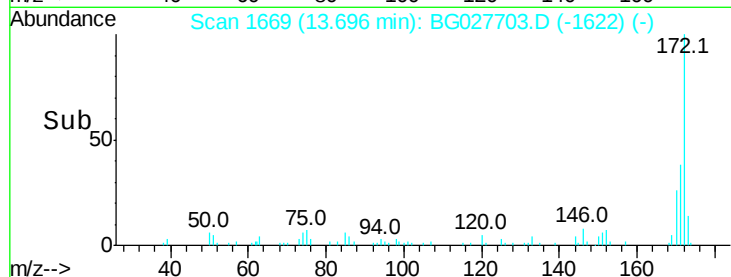
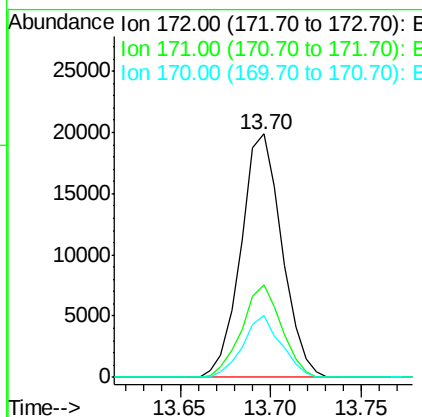
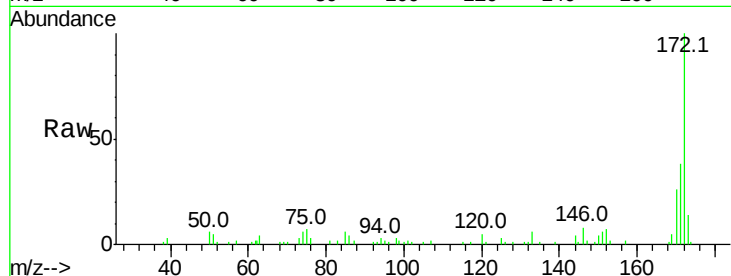




#44
 2-Fluorobiphenyl
 Concen: 9.88 ng
 RT: 13.70 min Scan# 1669
 Delta R.T. -0.02 min
 Lab File: BG027703.D
 Acq: 27 Jun 2017 19:56

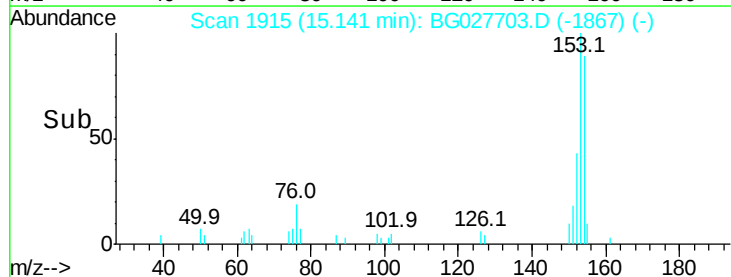
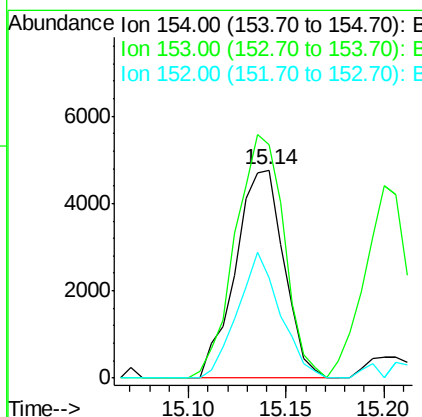
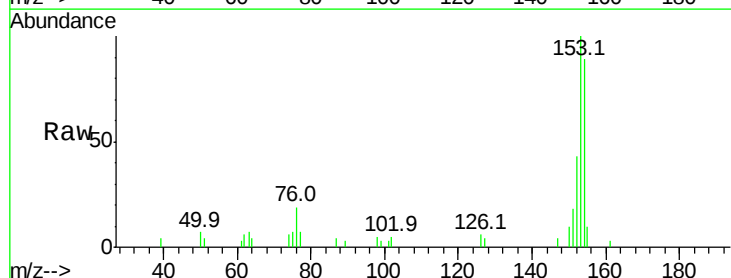
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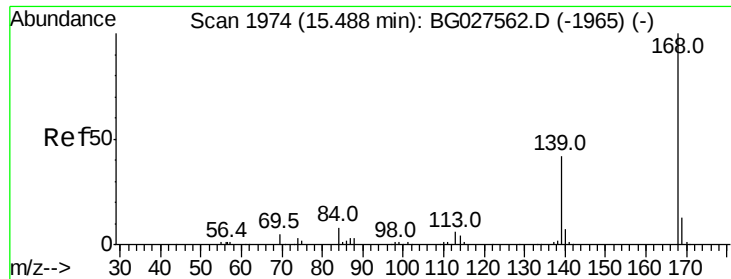
Tot Ion:172 Resp: 31179
 Ion Ratio Lower Upper
 172 100
 171 38.1 32.2 48.2
 170 25.7 21.8 32.6



#51
 Acenaphthene
 Concen: 2.52 ng
 RT: 15.14 min Scan# 1915
 Delta R.T. -0.02 min
 Lab File: BG027703.D
 Acq: 27 Jun 2017 19:56

Tgt Ion:154 Resp: 8206
 Ion Ratio Lower Upper
 154 100
 153 111.8 87.8 131.6
 152 48.1 42.2 63.4

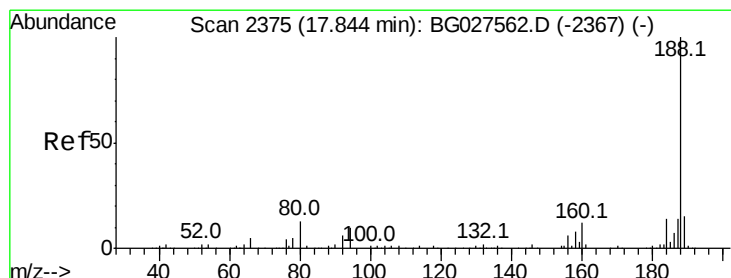
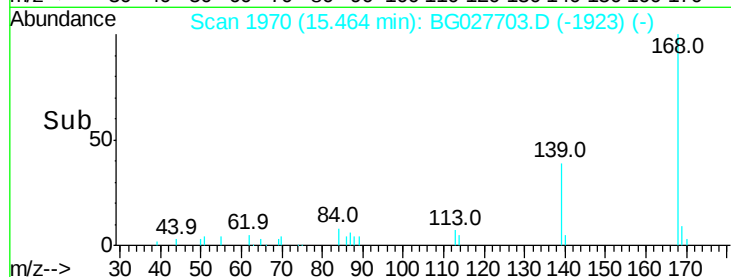
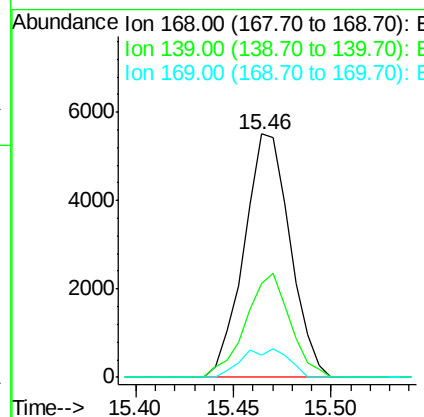
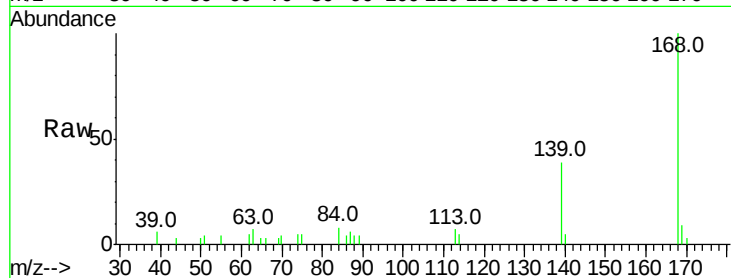




#54
Dibenzenofuran
Concen: 2.12 ng
RT: 15.46 min Scan# 1970
Delta R.T. -0.02 min
Lab File: BG027703.D
Acq: 27 Jun 2017 19:56

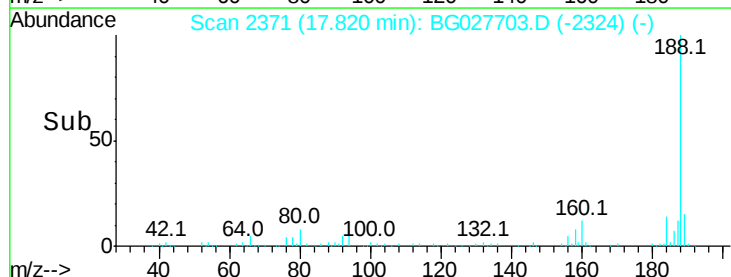
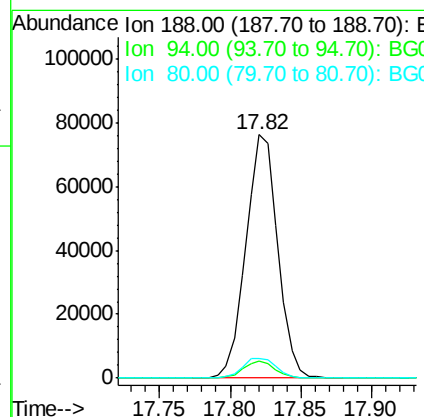
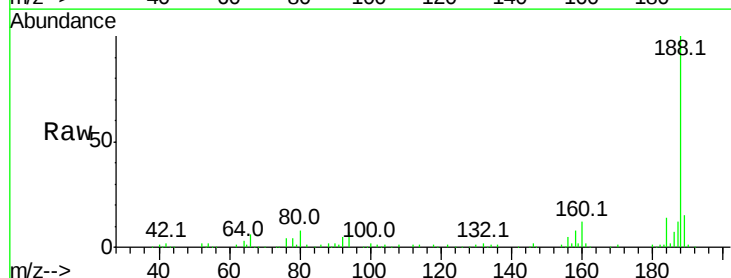
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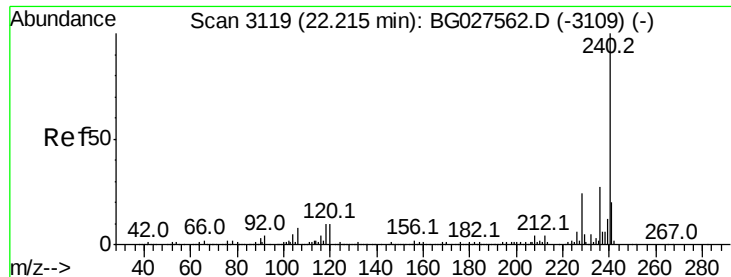
Tot Ion:168 Resp: 8993
Ion Ratio Lower Upper
168 100
139 38.6 35.3 52.9
169 9.2 11.5 17.3#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.82 min Scan# 2371
Delta R.T. -0.02 min
Lab File: BG027703.D
Acq: 27 Jun 2017 19:56

Tgt Ion:188 Resp: 120459
Ion Ratio Lower Upper
188 100
94 6.8 5.8 8.8
80 8.0 7.5 11.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.19 min Scan# 3114

Delta R.T. -0.03 min

Lab File: BG027703.D

Acq: 27 Jun 2017 19:56

Instrument :

BNA_G

ClientSampleId :

QNWP8-MW27S-GWDL

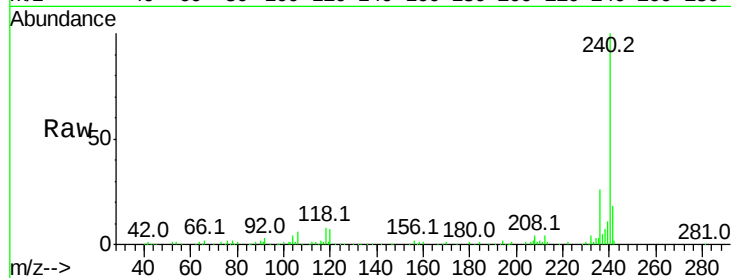
Tot Ion:240 Resp: 137796

Ion Ratio Lower Upper

240 100

120 6.8 5.7 8.5

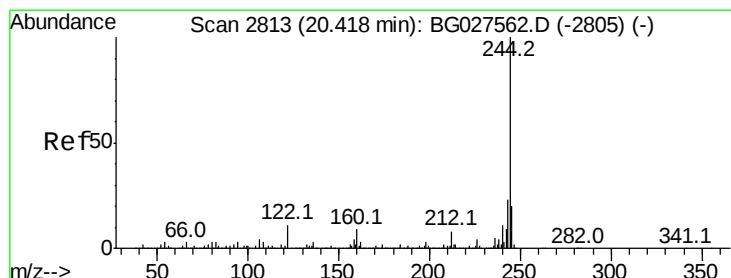
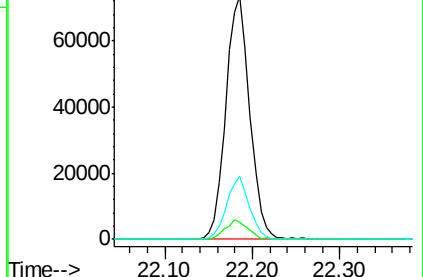
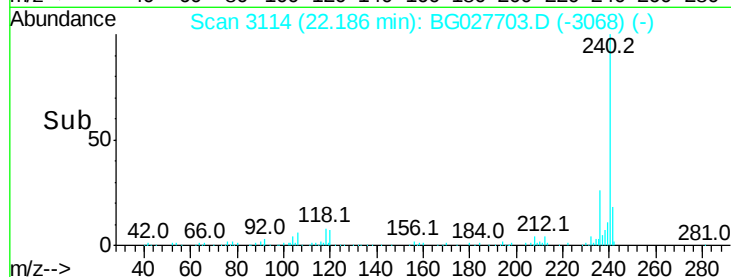
236 26.1 22.2 33.4



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: 9.84 ng

RT: 20.39 min Scan# 2809

Delta R.T. -0.02 min

Lab File: BG027703.D

Acq: 27 Jun 2017 19:56

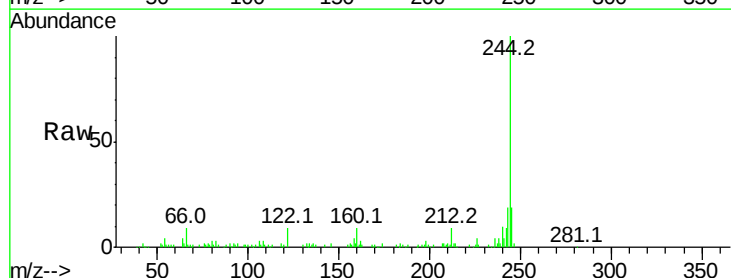
Tgt Ion:244 Resp: 57534

Ion Ratio Lower Upper

244 100

212 8.5 10.0 15.0#

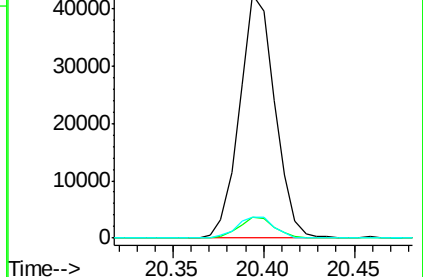
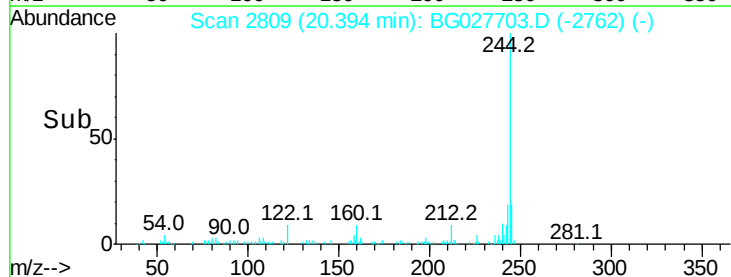
122 8.6 8.6 12.8

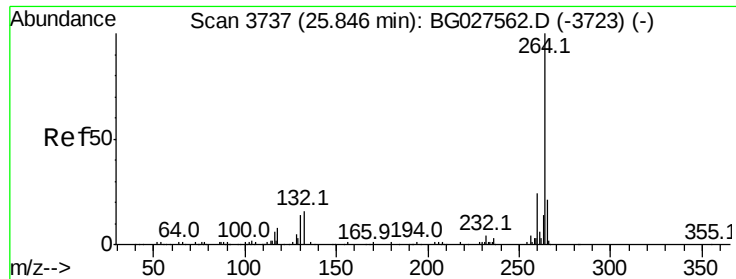


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.80 min Scan# 3729
Delta R.T. -0.05 min
Lab File: BG027703.D
Acq: 27 Jun 2017 19:56

Instrument :
BNA_G
ClientSampleId :
QNWP8-MW27S-GWDL

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	21.8	32.8
265	20.5	18.2	27.4

