

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG062417\
 Data File : BG027653.D
 Acq On : 24 Jun 2017 10:52
 Operator : SJ/JU
 Sample : I3836-01DL 50X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 KY032MW006-170619DL

Quant Time: Jun 29 14:41:42 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

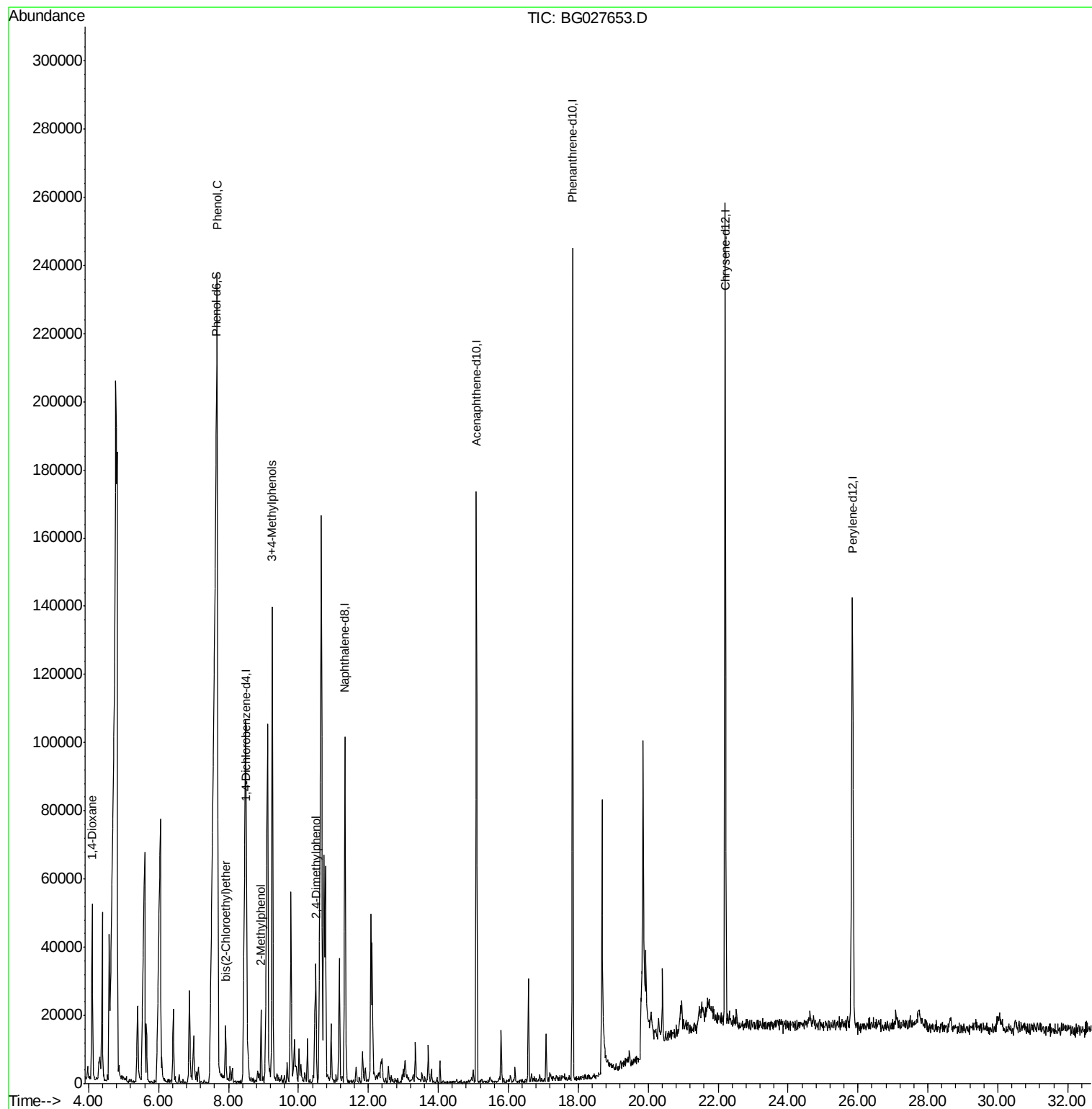
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.51	152	17534	20.00	ng	0.00
21) Naphthalene-d8	11.33	136	86078	20.00	ng	0.00
38) Acenaphthene-d10	15.09	164	56444	20.00	ng	0.00
63) Phenanthrene-d10	17.84	188	146715	20.00	ng	0.00
75) Chrysene-d12	22.20	240	160750	20.00	ng	-0.01
86) Perylene-d12	25.84	264	154220	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.09	112	983	0.80	ng	0.00
7) Phenol-d6	7.65	99	4588	2.52	ng	0.00
23) Nitrobenzene-d5	9.67	82	2455	1.35	ng	0.00
41) 2,4,6-Tribromophenol	16.57	330	1537	1.83	ng	0.00
44) 2-Fluorobiphenyl	13.71	172	5824	1.41	ng	-0.01
78) Terphenyl-d14	20.41	244	8270	1.21	ng	0.00
Target Compounds						
2) 1,4-Dioxane	4.10	88	27108	56.673	ng	Qvalue 87
10) Phenol	7.67	94	7253	3.904	ng	98
11) bis(2-Chloroethyl)ether	7.91	93	9048	6.222	ng	86
17) 2-Methylphenol	8.93	107	6193	4.737	ng	93
20) 3+4-Methylphenols	9.25	107	61433	34.319	ng	90
27) 2,4-Dimethylphenol	10.49	122	14822	10.641	ng	# 90

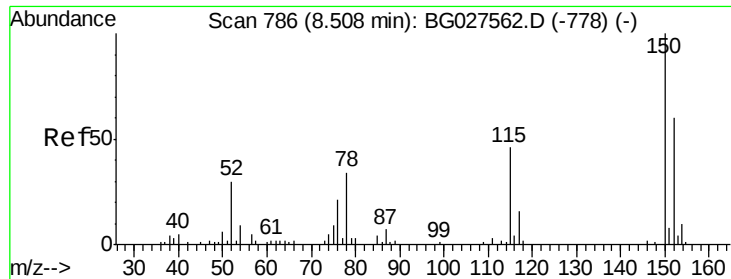
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG062417\
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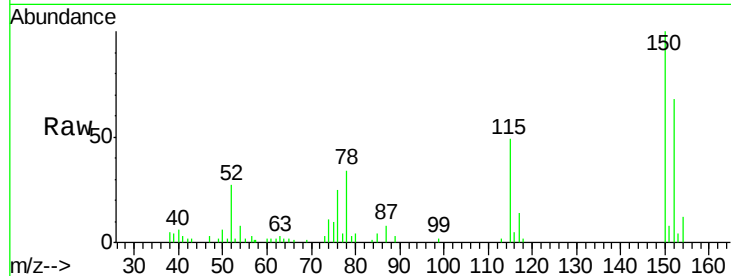


#1

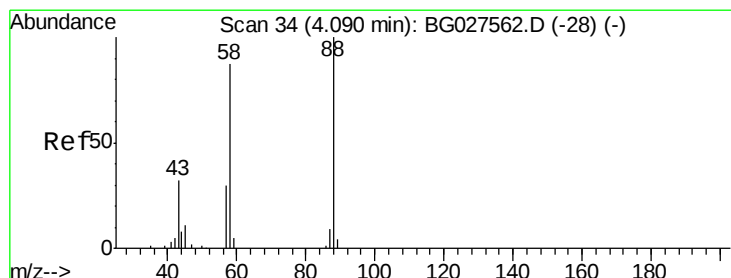
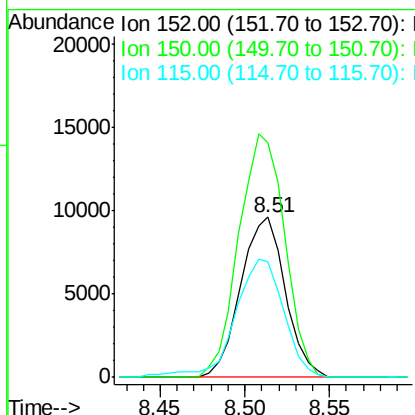
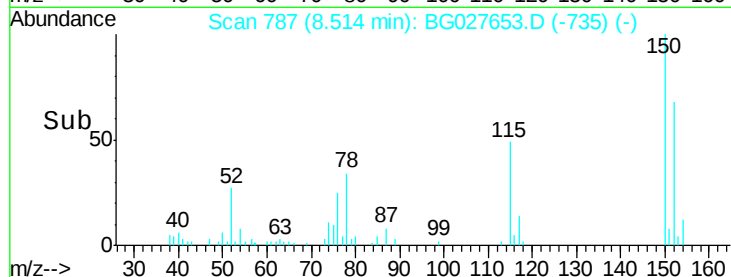
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.51 min Scan# 787
Delta R.T. 0.01 min
Lab File: BG027653.D
Acq: 24 Jun 2017 10:52

Instrument :
BNA_G
ClientSampleId :
KY032MW006-170619DL

Tgt Ion:152 Resp: 17534
Ion Ratio Lower Upper
152 100
150 146.6 114.0 171.0
115 72.2 48.1 72.1#



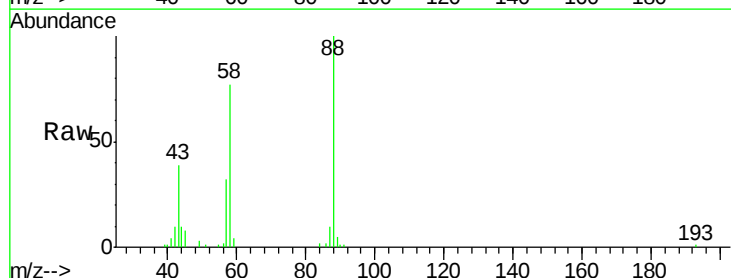
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



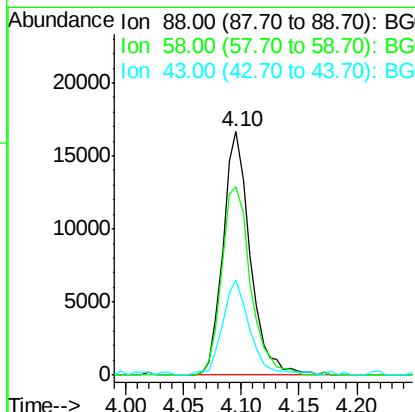
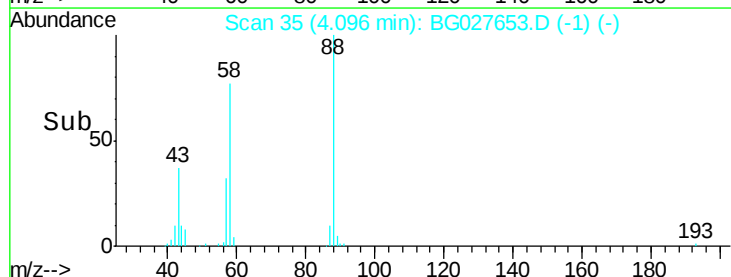
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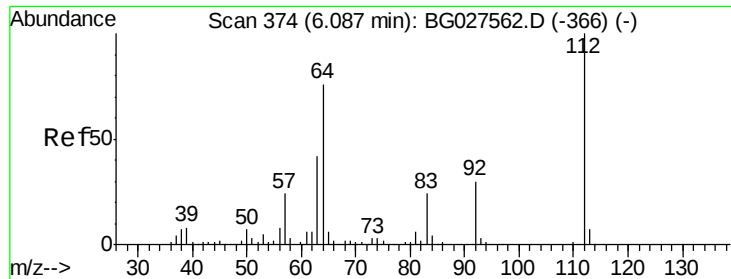
1,4-Dioxane
Concen: 56.673 ng
RT: 4.10 min Scan# 35
Delta R.T. 0.01 min
Lab File: BG027653.D
Acq: 24 Jun 2017 10:52

Tgt Ion: 88 Resp: 27108
Ion Ratio Lower Upper
88 100
58 82.5 79.4 119.2
43 39.5 33.8 50.6



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 0.798 ng

RT: 6.09 min Scan# 374

Delta R.T. 0.00 min

Lab File: BG027653.D

Acq: 24 Jun 2017 10:52

Instrument :

BNA_G

ClientSampleId :

KY032MW006-170619DL

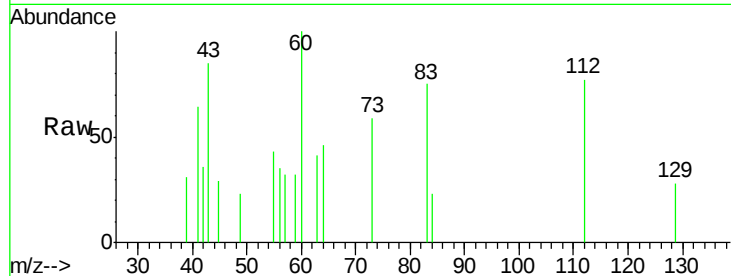
Tgt Ion: 112 Resp: 983

Ion Ratio Lower Upper

112 100

64 59.1 61.8 92.6#

63 53.5 37.2 55.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

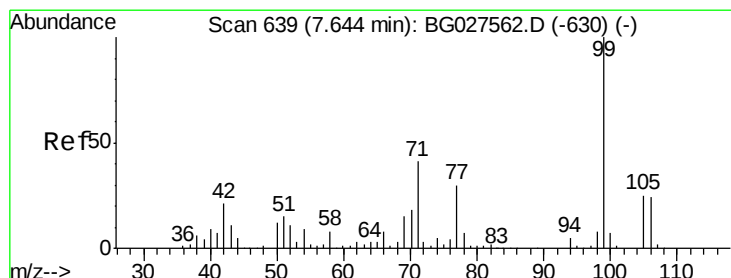
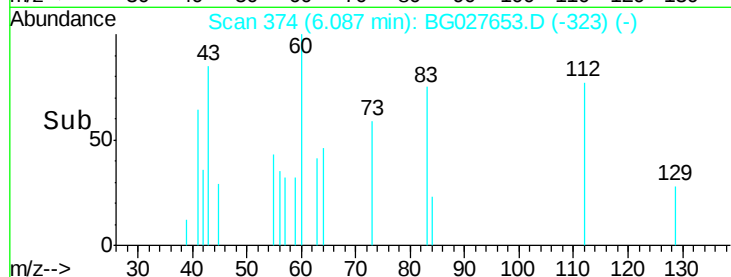
Ion 63.00 (62.70 to 63.70): BGC

6.09

6.05

6.10

Time-->



#7

Phenol-d6

Concen: 2.516 ng

RT: 7.65 min Scan# 640

Delta R.T. 0.01 min

Lab File: BG027653.D

Acq: 24 Jun 2017 10:52

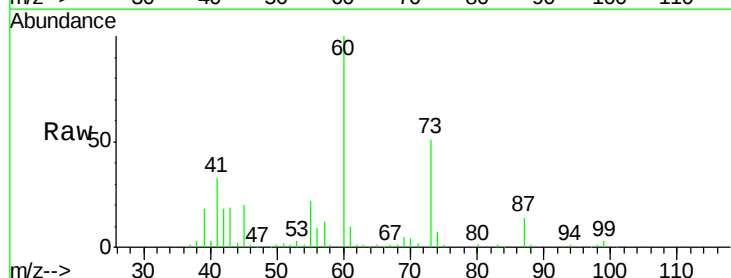
Tgt Ion: 99 Resp: 4588

Ion Ratio Lower Upper

99 100

42 563.6 20.5 30.7#

71 66.3 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

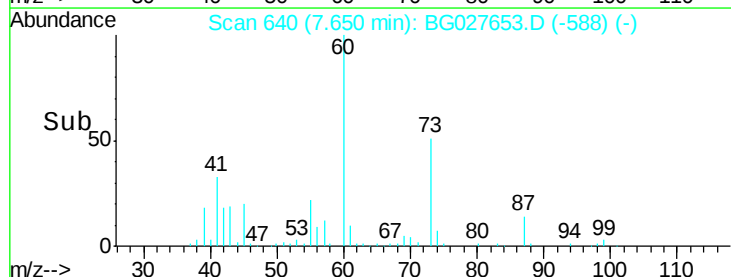
7.65

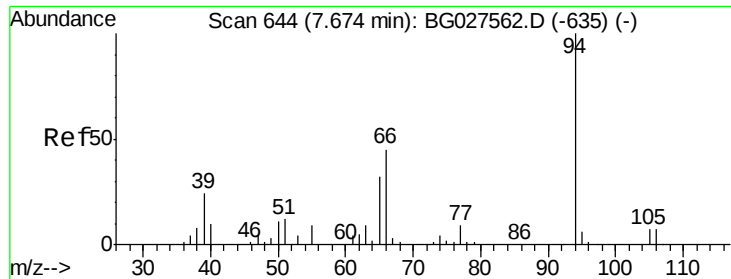
7.60

7.65

7.70

Time-->





#10

Phenol

Concen: 3.904 ng

RT: 7.67 min Scan# 644

Delta R.T. 0.00 min

Lab File: BG027653.D

Acq: 24 Jun 2017 10:52

Instrument :

BNA_G

ClientSampleId :

KY032MW006-170619DL

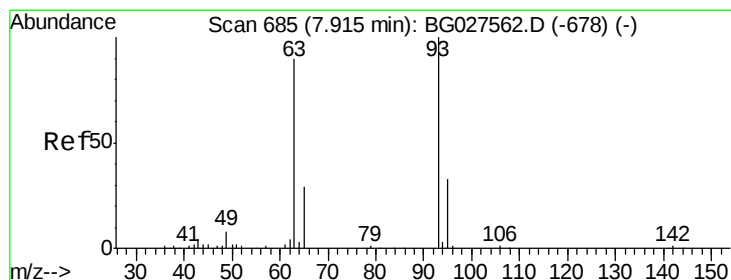
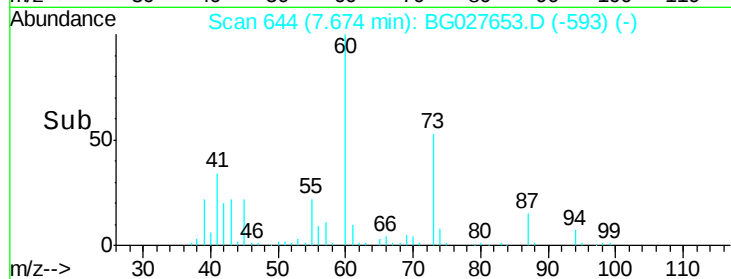
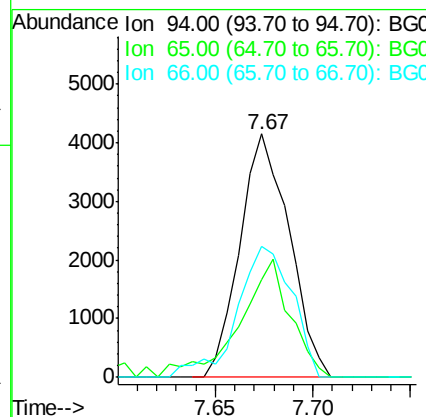
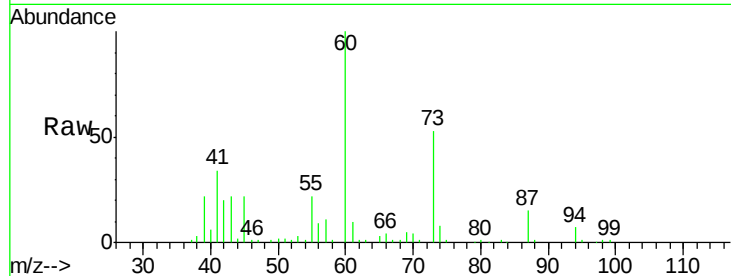
Tgt Ion: 94 Resp: 7253

Ion Ratio Lower Upper

94 100

65 40.4 20.6 60.6

66 53.7 35.5 75.5



#11

bis(2-Chloroethyl)ether

Concen: 6.222 ng

RT: 7.91 min Scan# 685

Delta R.T. 0.00 min

Lab File: BG027653.D

Acq: 24 Jun 2017 10:52

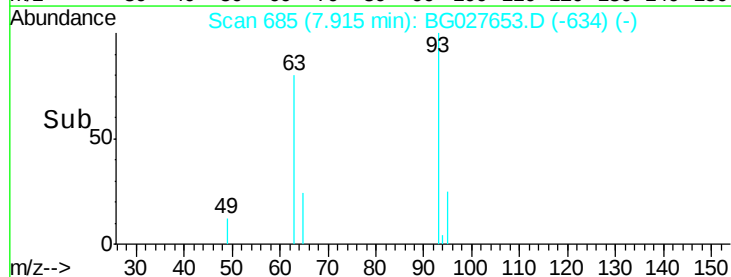
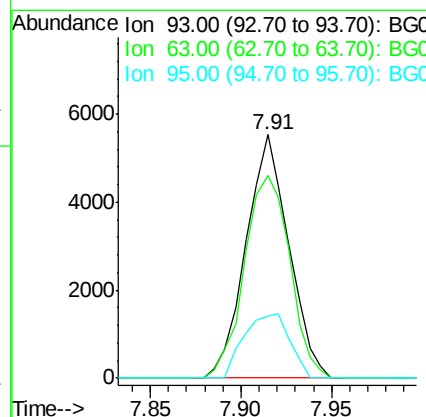
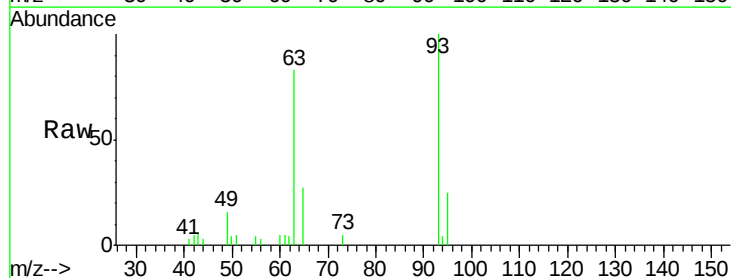
Tgt Ion: 93 Resp: 9048

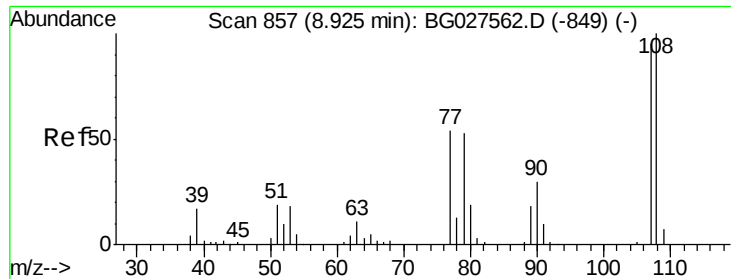
Ion Ratio Lower Upper

93 100

63 83.1 78.5 118.5

95 25.4 9.8 49.8

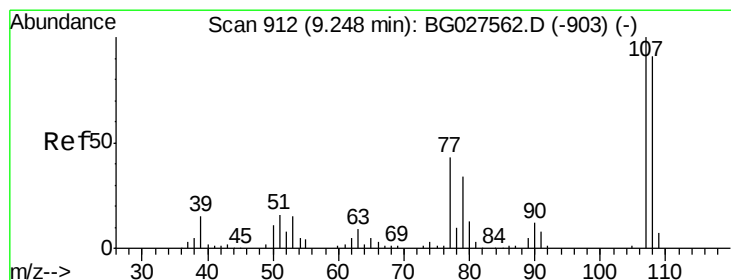
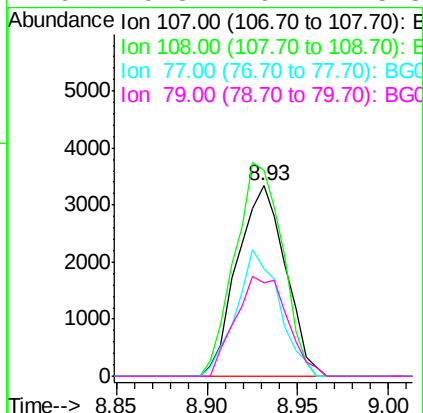
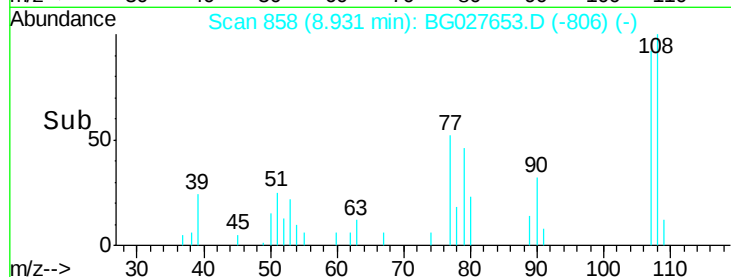
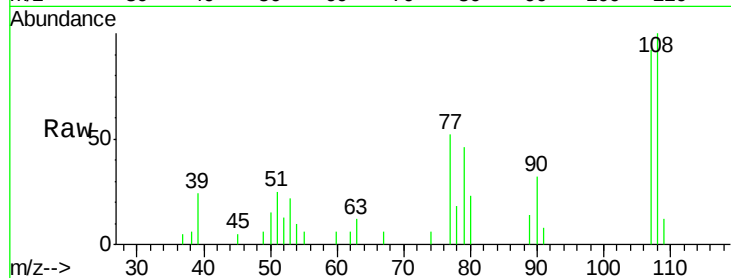




#17
2-Methylphenol
Concen: 4.737 ng
RT: 8.93 min Scan# 858
Delta R.T. 0.01 min
Lab File: BG027653.D
Acq: 24 Jun 2017 10:52

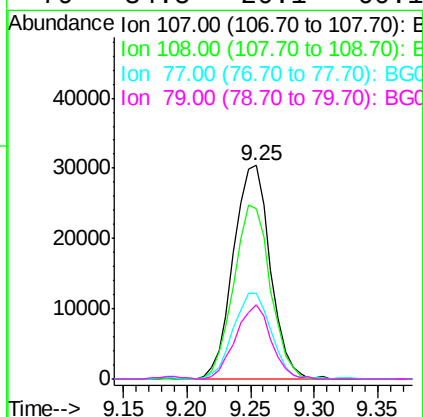
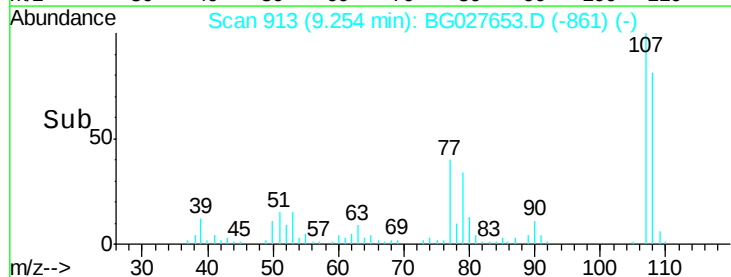
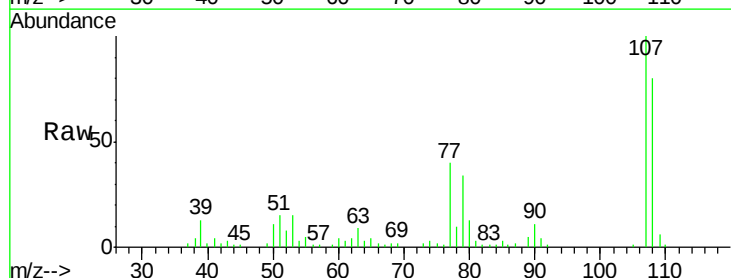
Instrument :
BNA_G
ClientSampleId :
KY032MW006-170619DL

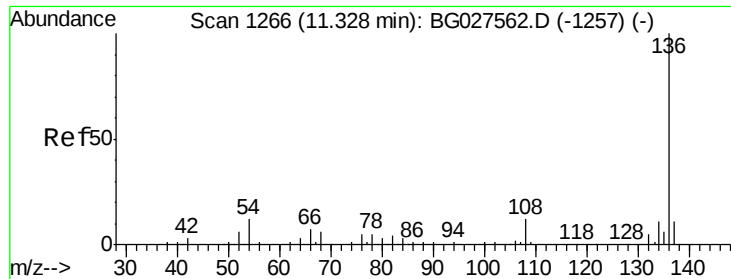
Tgt Ion:107 Resp: 6193
Ion Ratio Lower Upper
107 100
108 108.1 85.6 128.4
77 56.6 51.4 77.2
79 49.3 49.2 73.8



#20
3+4-Methylphenols
Concen: 34.319 ng
RT: 9.25 min Scan# 913
Delta R.T. 0.01 min
Lab File: BG027653.D
Acq: 24 Jun 2017 10:52

Tgt Ion:107 Resp: 61433
Ion Ratio Lower Upper
107 100
108 80.0 70.8 110.8
77 40.2 25.8 65.8
79 34.5 20.1 60.1

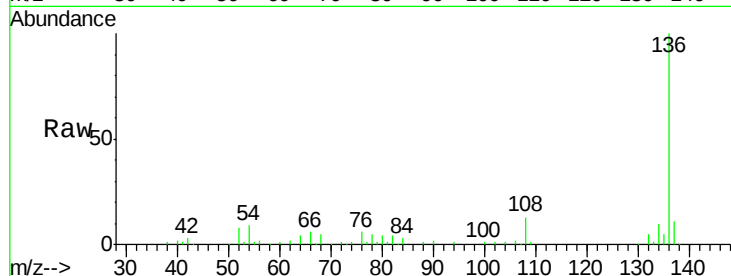




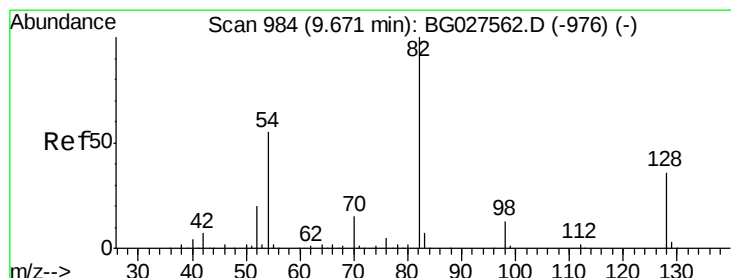
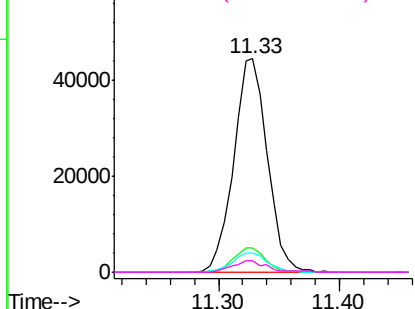
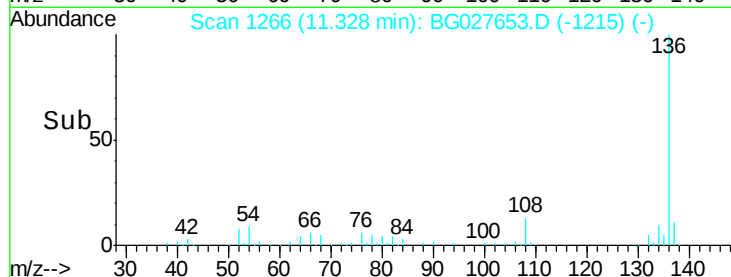
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.33 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BG027653.D
Acq: 24 Jun 2017 10:52

Instrument :
BNA_G
ClientSampleId :
KY032MW006-170619DL

Tgt Ion: 136 Resp: 86078
Ion Ratio Lower Upper
136 100
137 11.4 8.9 13.3
54 9.1 9.3 13.9#
68 5.5 5.1 7.7

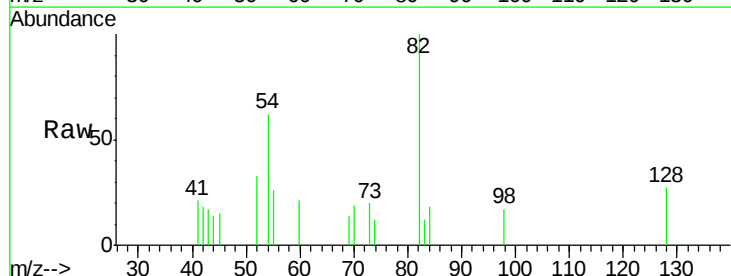


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

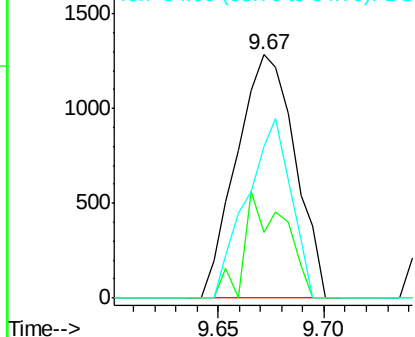
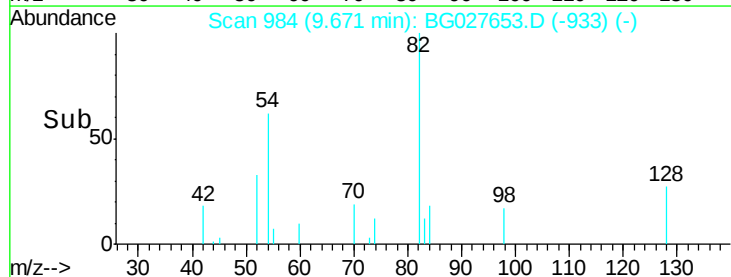


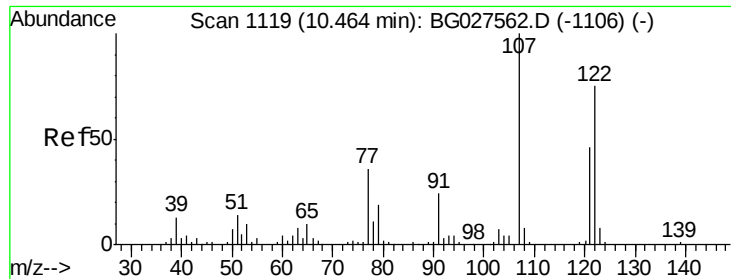
#23
Nitrobenzene-d5
Concen: 1.350 ng
RT: 9.67 min Scan# 984
Delta R.T. 0.00 min
Lab File: BG027653.D
Acq: 24 Jun 2017 10:52

Tgt Ion: 82 Resp: 2455
Ion Ratio Lower Upper
82 100
128 26.9 26.4 39.6
54 62.4 49.4 74.2



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

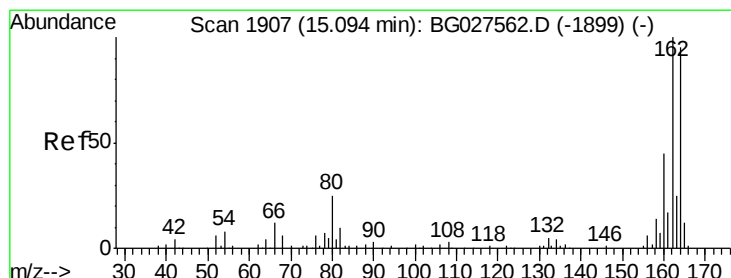
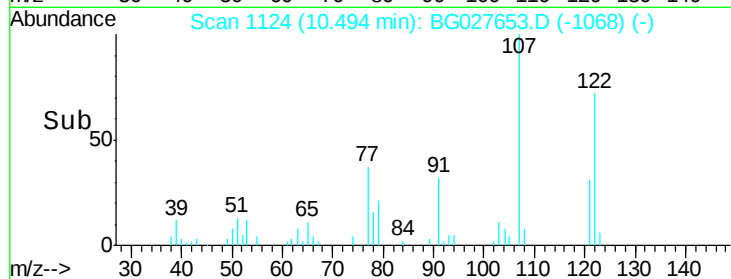
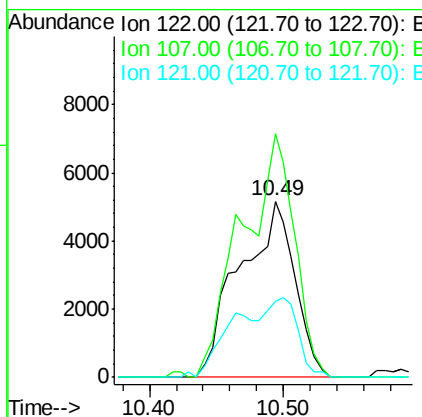
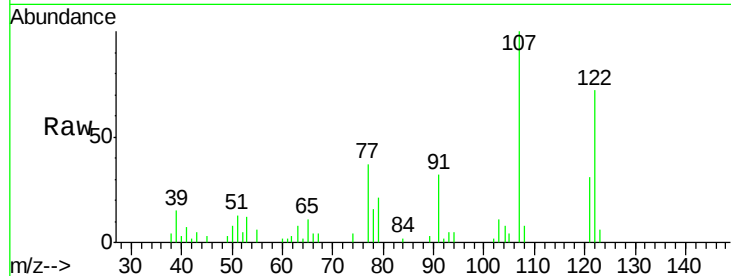




#27
 2,4-Dimethylphenol
 Concen: 10.641 ng
 RT: 10.49 min Scan# 1124
 Delta R.T. 0.03 min
 Lab File: BG027653.D
 Acq: 24 Jun 2017 10:52

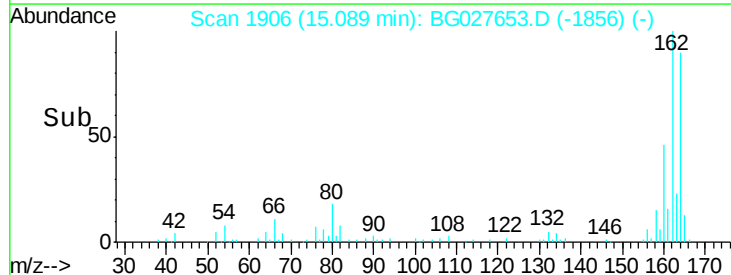
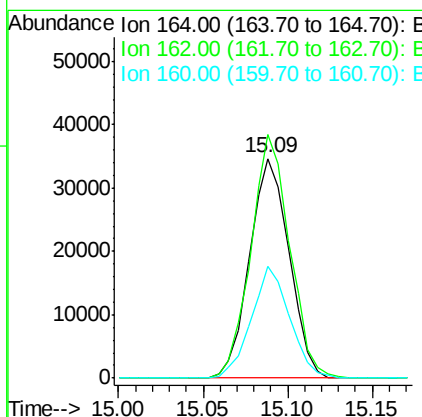
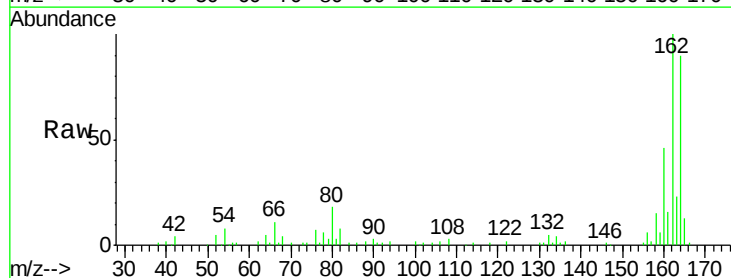
Instrument :
 BNA_G
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 KY032MW006-170619DL

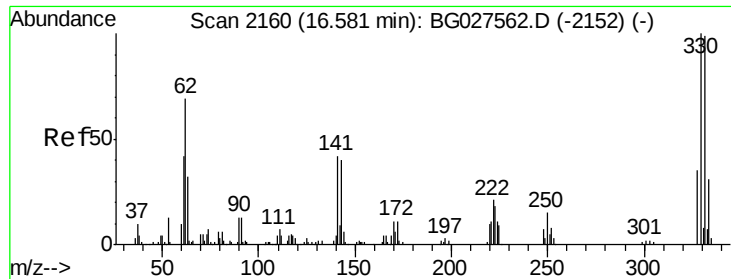
Tgt Ion:122 Resp: 14822
 Ion Ratio Lower Upper
 122 100
 107 138.1 104.2 156.4
 121 43.4 46.0 69.0#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.09 min Scan# 1906
 Delta R.T. -0.01 min
 Lab File: BG027653.D
 Acq: 24 Jun 2017 10:52

Tgt Ion:164 Resp: 56444
 Ion Ratio Lower Upper
 164 100
 162 110.9 85.1 127.7
 160 50.7 34.7 52.1





#41

2,4,6-Tribromophenol

Concen: 1.827 ng

RT: 16.57 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BG027653.D

Acq: 24 Jun 2017 10:52

Instrument :

BNA_G

ClientSampleId :

KY032MW006-170619DL

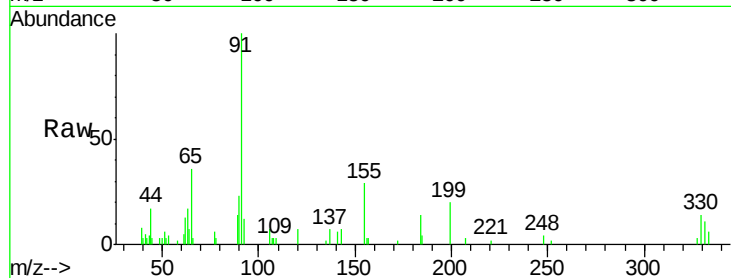
Tgt Ion:330 Resp: 1537

Ion Ratio Lower Upper

330 100

332 79.3 77.3 115.9

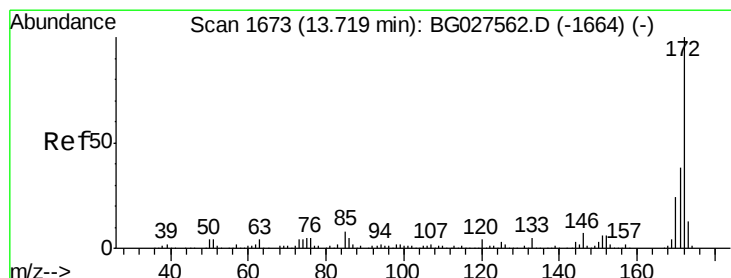
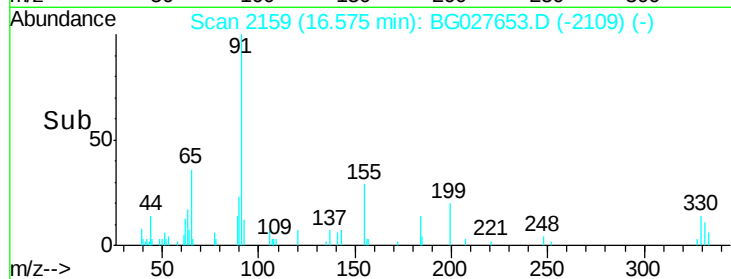
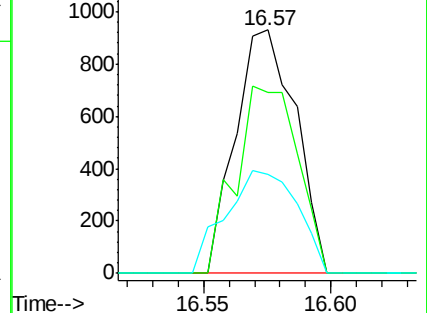
141 50.4 32.1 48.1#



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: 1.409 ng

RT: 13.71 min Scan# 1671

Delta R.T. -0.01 min

Lab File: BG027653.D

Acq: 24 Jun 2017 10:52

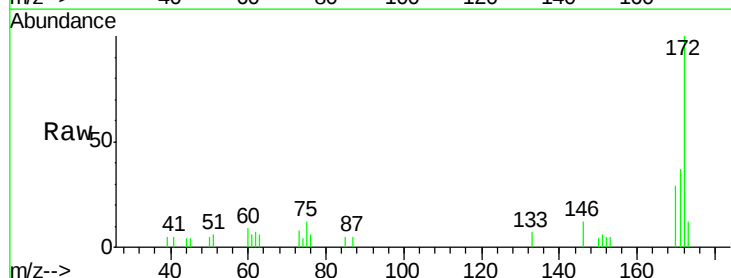
Tgt Ion:172 Resp: 5824

Ion Ratio Lower Upper

172 100

171 36.8 32.2 48.2

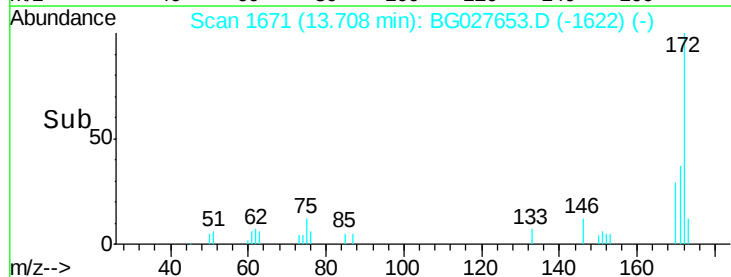
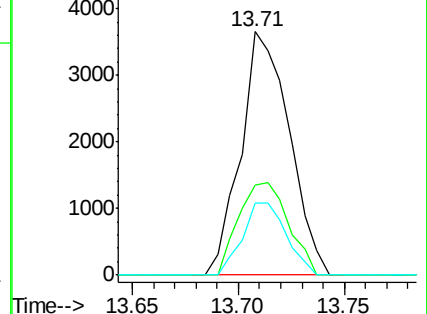
170 29.4 21.8 32.6

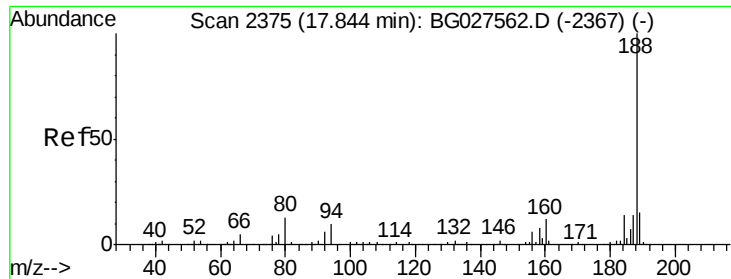


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

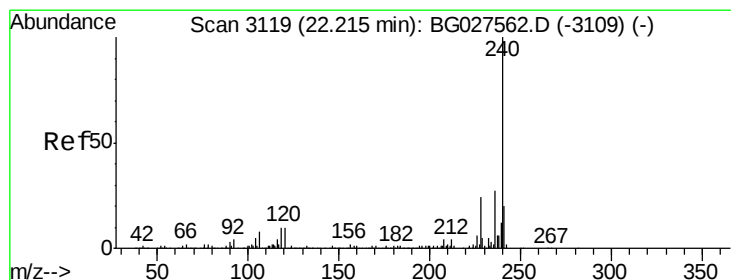
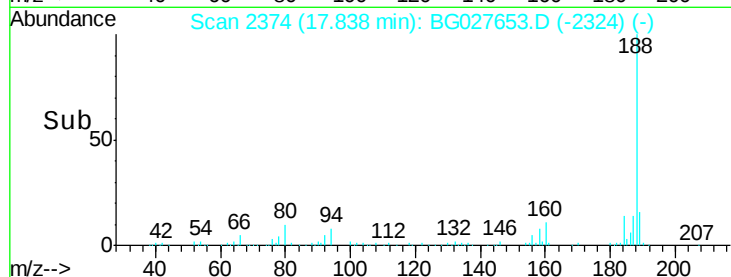
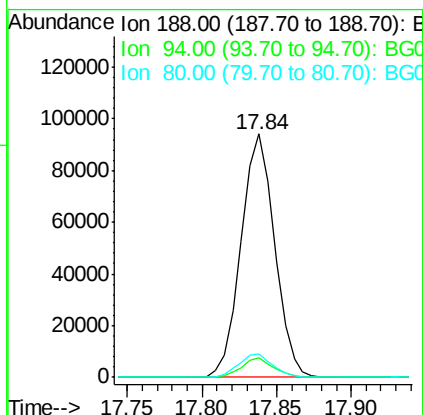
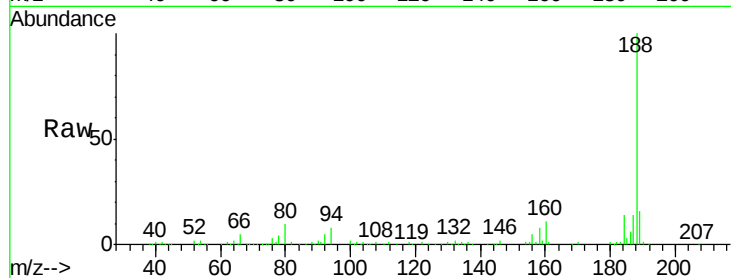




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.84 min Scan# 2374
Delta R.T. -0.01 min
Lab File: BG027653.D
Acq: 24 Jun 2017 10:52

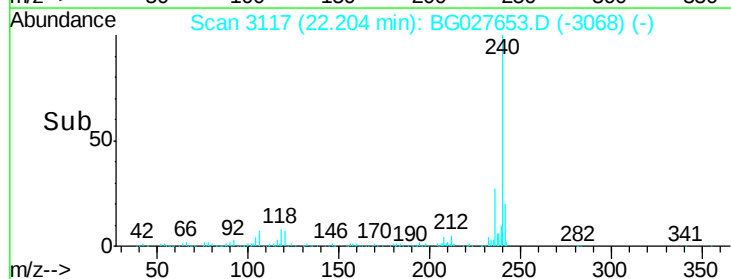
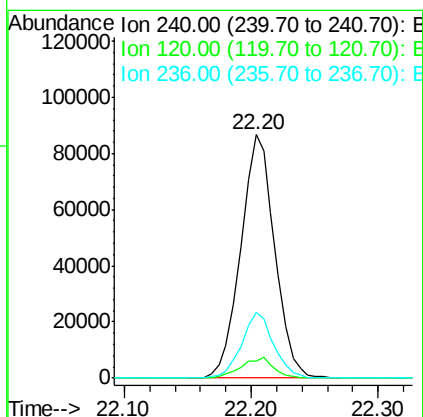
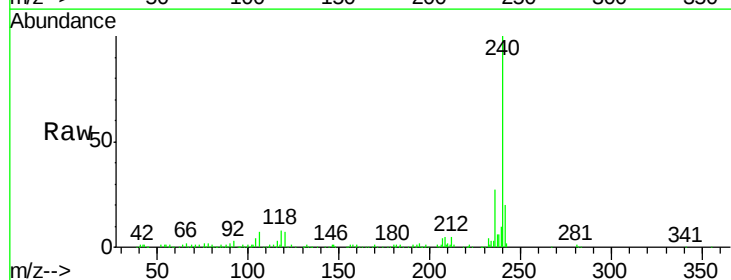
Instrument :
BNA_G
ClientSampleId :
KY032MW006-170619DL

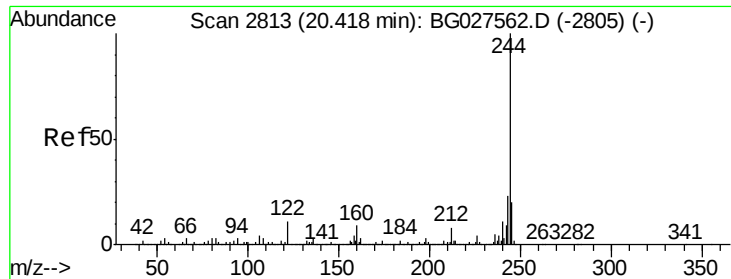
Tgt Ion:188 Resp: 146715
Ion Ratio Lower Upper
188 100
94 8.3 5.8 8.8
80 9.9 7.5 11.3



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.20 min Scan# 3117
Delta R.T. -0.01 min
Lab File: BG027653.D
Acq: 24 Jun 2017 10:52

Tgt Ion:240 Resp: 160750
Ion Ratio Lower Upper
240 100
120 7.1 5.7 8.5
236 27.0 22.2 33.4

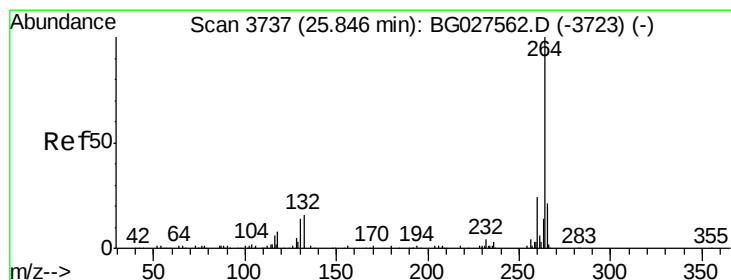
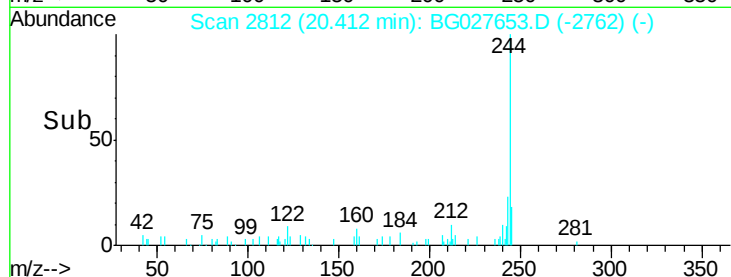
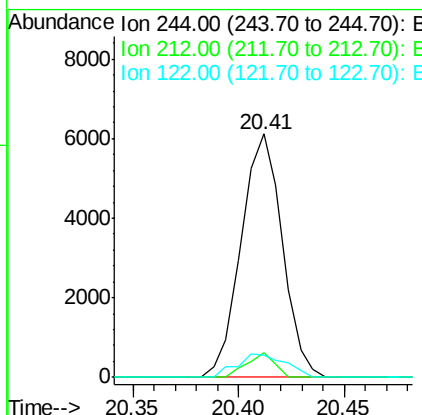
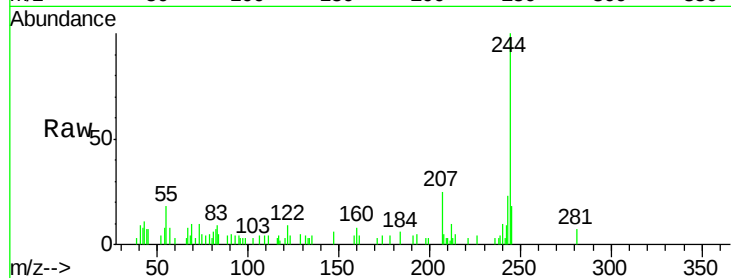




#78
 Terphenyl-d14
 Concen: 1.212 ng
 RT: 20.41 min Scan# 2812
 Delta R.T. -0.01 min
 Lab File: BG027653.D
 Acq: 24 Jun 2017 10:52

Instrument :
 BNA_G
 ClientSampleId :
 KY032MW006-170619DL

Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.2	10.0	15.0
122	9.1	8.6	12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.84 min Scan# 3736
 Delta R.T. -0.01 min
 Lab File: BG027653.D
 Acq: 24 Jun 2017 10:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	20.7	21.8	32.8#
265	19.4	18.2	27.4

