

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021518\
 Data File : BG032723.D
 Acq On : 15 Feb 2018 21:03
 Operator : SJ/JU
 Sample : J1559-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CHASSIS-WASH-SYSTEM

Quant Time: Feb 16 02:56:07 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 12 18:08:01 2018
 Response via : Initial Calibration

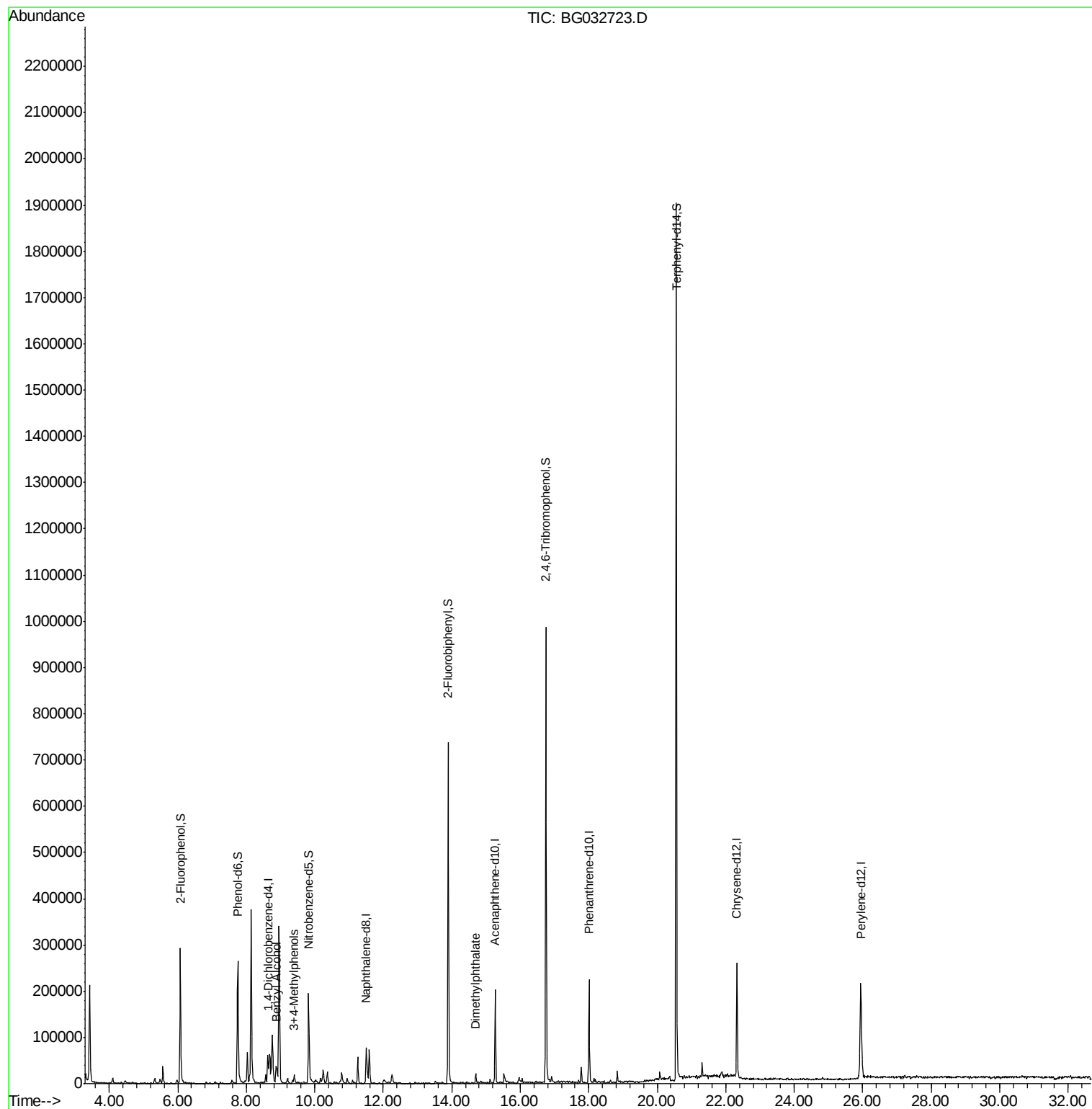
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.63	152	22956	20.00	ng	-0.05
21) Naphthalene-d8	11.50	136	83272	20.00	ng	-0.05
38) Acenaphthene-d10	15.27	164	76710	20.00	ng	-0.04
63) Phenanthrene-d10	18.01	188	157475	20.00	ng	-0.04
75) Chrysene-d12	22.32	240	210941	20.00	ng	-0.05
86) Perylene-d12	25.94	264	284557	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	6.07	112	156928	137.15	ng	-0.04
7) Phenol-d6	7.75	99	179166	114.52	ng	-0.04
23) Nitrobenzene-d5	9.83	82	137766	105.15	ng	-0.05
41) 2,4,6-Tribromophenol	16.75	330	221415	187.45	ng	-0.04
44) 2-Fluorobiphenyl	13.89	172	448237	73.07	ng	-0.04
78) Terphenyl-d14	20.56	244	1065457	115.12	ng	-0.03
Target Compounds						
15) Benzyl Alcohol	8.87	79	16522	14.089	ng	# 81
20) 3+4-Methylphenols	9.40	107	12109	7.435	ng	# 87
49) Dimethylphthalate	14.70	163	14195	2.141	ng	# 91

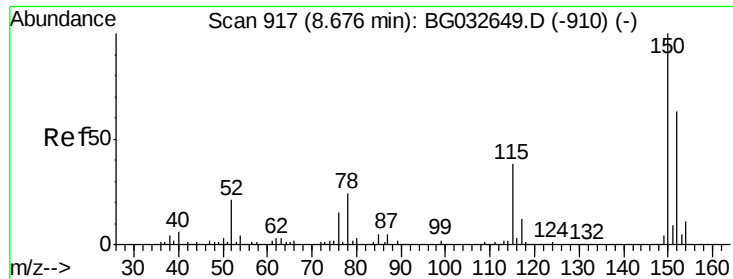
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.63 min Scan# 909

Delta R.T. -0.05 min

Lab File: BG032723.D

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Instrument :

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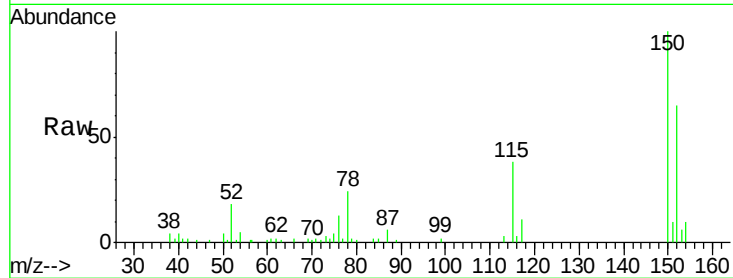
Tot Ion:152 Resp: 22956

Ion Ratio Lower Upper

152 100

150 152.8 126.6 189.8

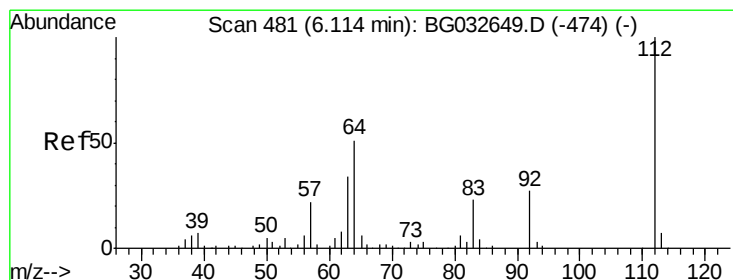
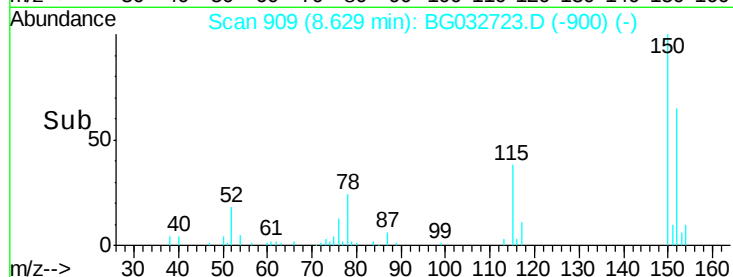
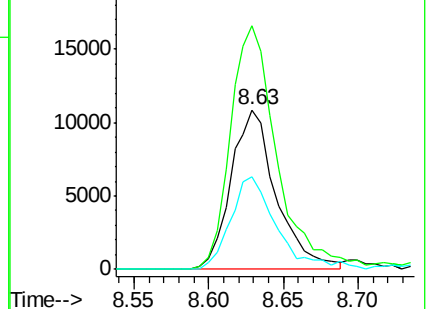
115 58.1 53.0 79.4



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: 137.155 ng

RT: 6.07 min Scan# 474

Delta R.T. -0.04 min

Lab File: BG032723.D

Acq: 15 Feb 2018 21:03

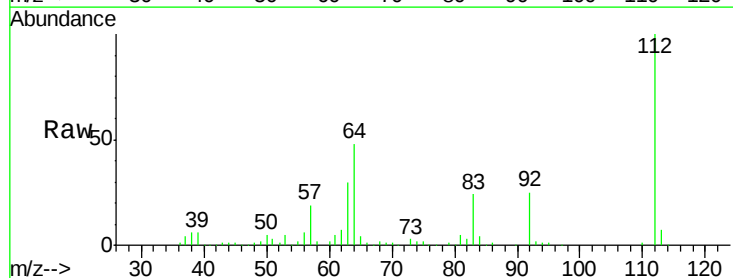
Tgt Ion:112 Resp: 156928

Ion Ratio Lower Upper

112 100

64 47.6 56.3 84.5#

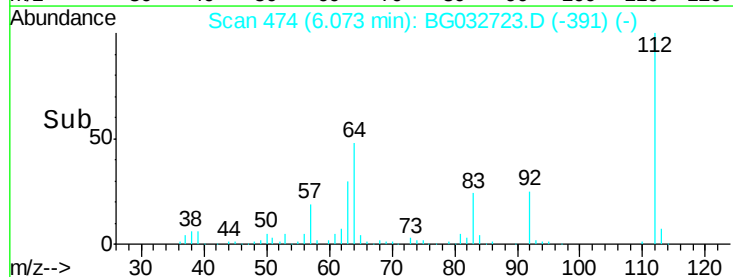
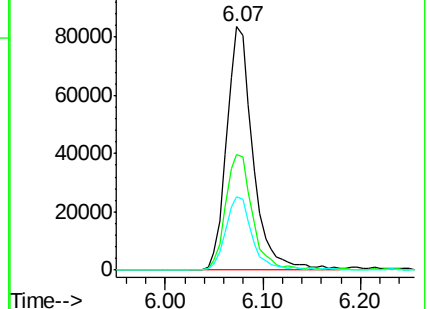
63 30.2 30.1 45.1

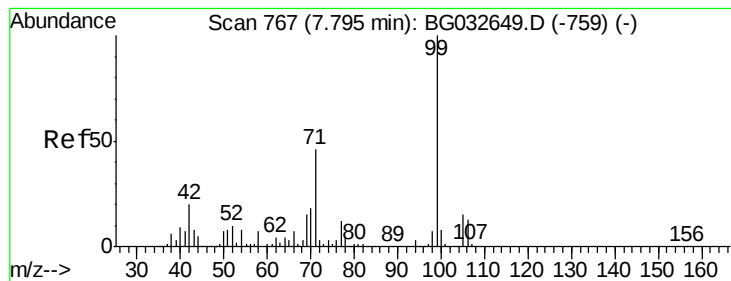


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 114.518 ng

RT: 7.75 min Scan# 760

Delta R.T. -0.04 min

Lab File: BG032723.D

Acq: 15 Feb 2018 21:03

Instrument :

BNA_G

ClientSampleId :

CHASSIS-WASH-SYSTEM

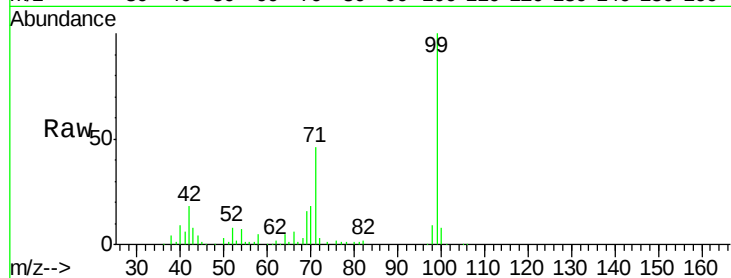
Tot Ion: 99 Resp: 179166

Ion Ratio Lower Upper

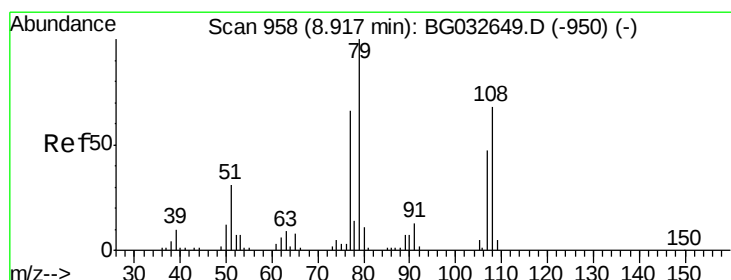
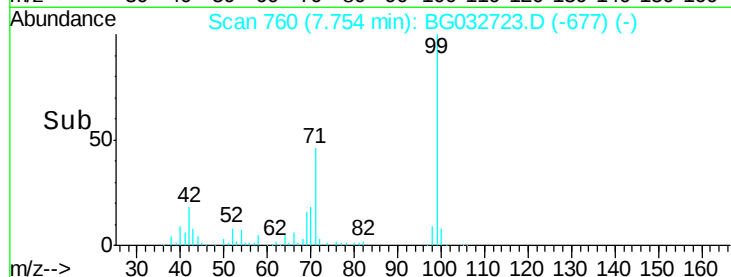
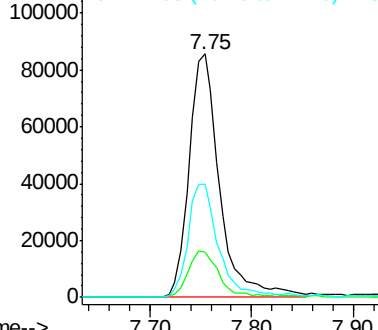
99 100

42 18.3 14.1 21.1

71 46.3 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



#15

Benzyl Alcohol

Concen: 14.089 ng

RT: 8.87 min Scan# 950

Delta R.T. -0.05 min

Lab File: BG032723.D

Acq: 15 Feb 2018 21:03

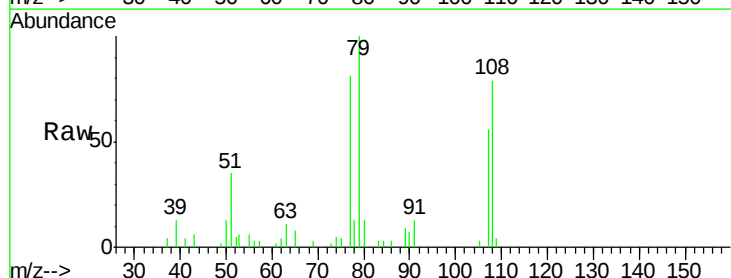
Tgt Ion: 79 Resp: 16522

Ion Ratio Lower Upper

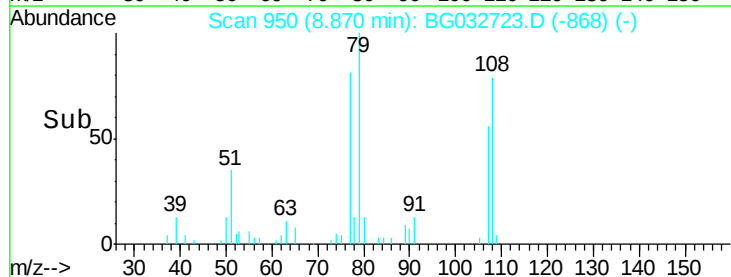
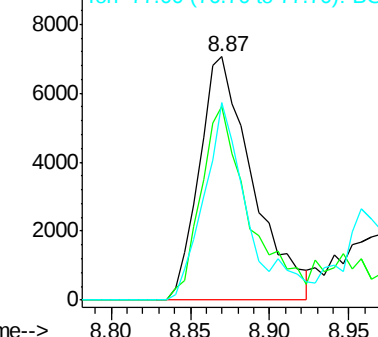
79 100

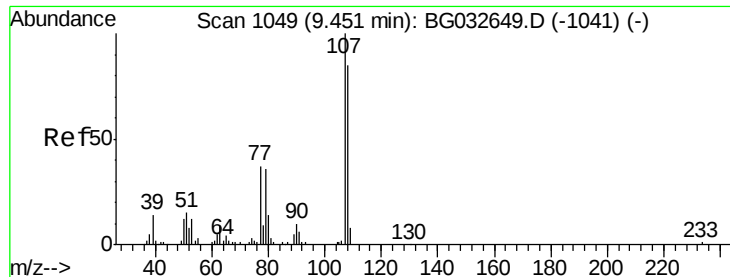
108 79.4 57.2 85.8

77 81.1 46.1 69.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

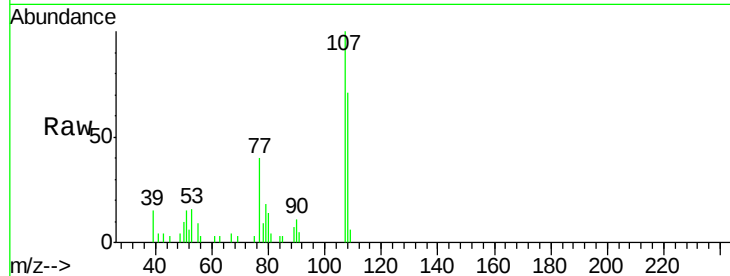




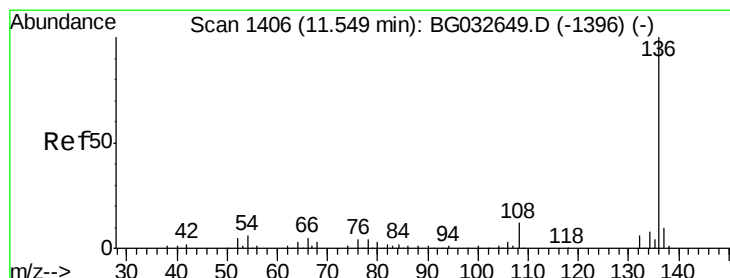
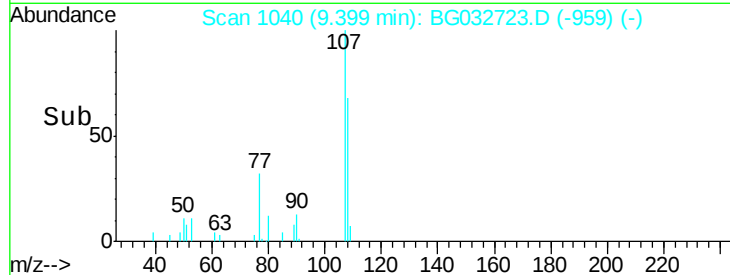
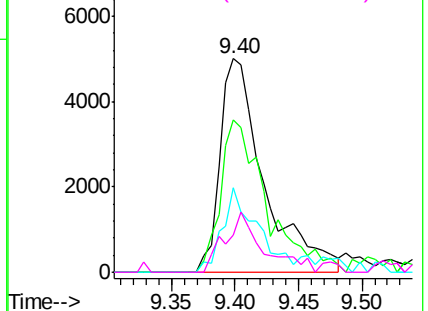
#20
3+4-Methylphenols
Concen: 7.435 ng
RT: 9.40 min Scan# 1040
Delta R.T. -0.05 min
Lab File: BG032723.D
Acq: 15 Feb 2018 21:03

Instrument :
BNA_G
ClientSampleId :
CHASSIS-WASH-SYSTEM

Tot Ion:107	Resp:	12109
Ion Ratio	Lower	Upper
107 100		
108 71.2	61.6	101.6
77 39.6	13.9	53.9
79 17.5	8.8	48.8

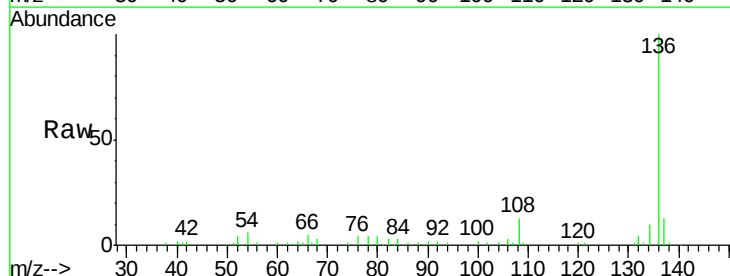


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

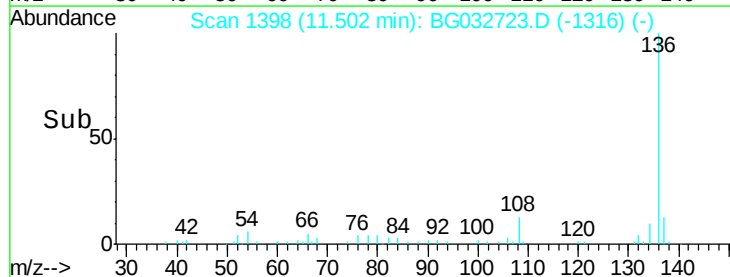
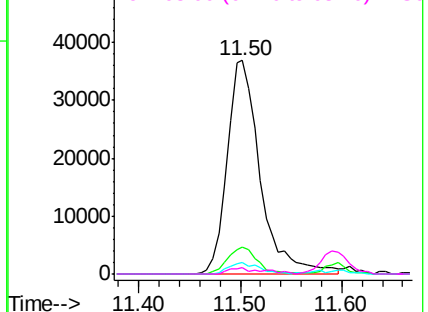


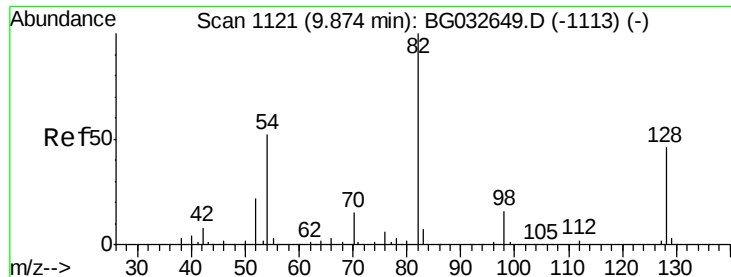
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.50 min Scan# 1398
Delta R.T. -0.05 min
Lab File: BG032723.D
Acq: 15 Feb 2018 21:03

Tgt Ion:136	Resp:	83272
Ion Ratio	Lower	Upper
136 100		
137 12.8	9.2	13.8
54 5.7	10.3	15.5#
68 3.3	4.5	6.7#



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

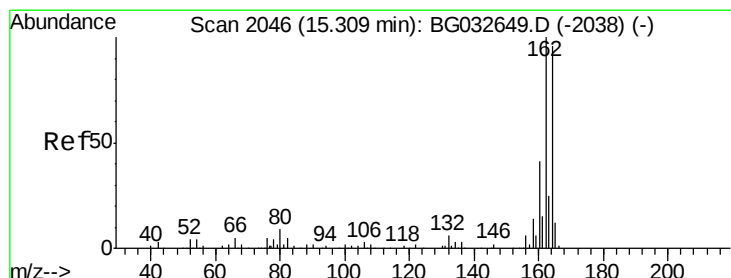
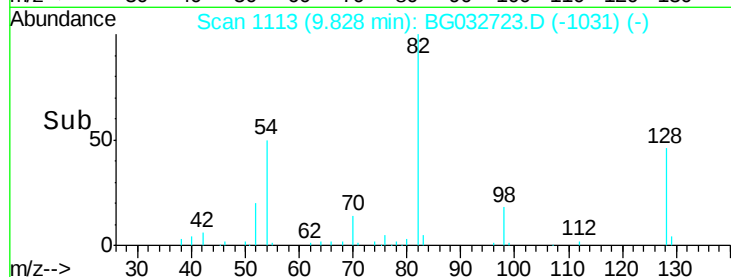
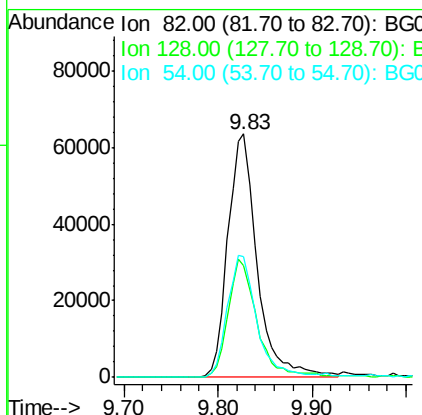
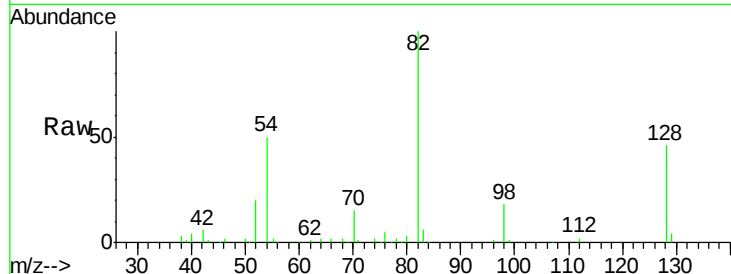




#23
Nitrobenzene-d5
Concen: 105.146 ng
RT: 9.83 min Scan# 1113
Delta R.T. -0.05 min
Lab File: BG032723.D
Acq: 15 Feb 2018 21:03

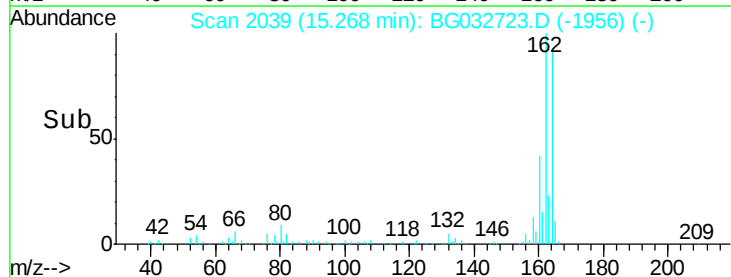
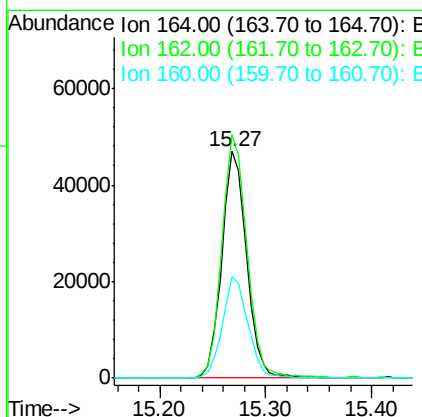
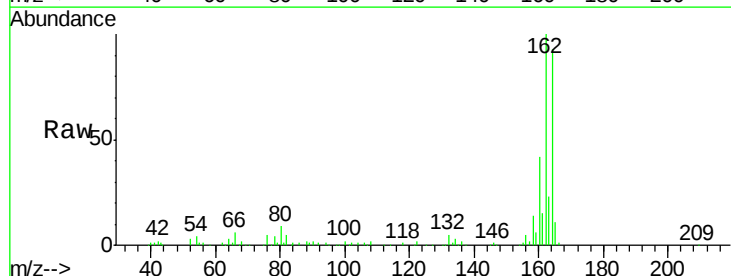
Instrument :
BNA_G
ClientSampleId :
CHASSIS-WASH-SYSTEM

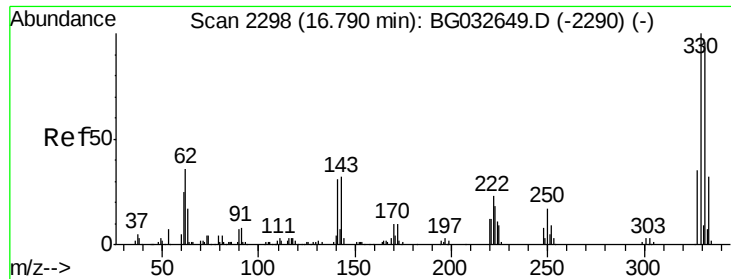
Tot Ion: 82 Resp: 137766
Ion Ratio Lower Upper
82 100
128 45.9 29.7 44.5#
54 49.8 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.27 min Scan# 2039
Delta R.T. -0.04 min
Lab File: BG032723.D
Acq: 15 Feb 2018 21:03

Tgt Ion:164 Resp: 76710
Ion Ratio Lower Upper
164 100
162 107.4 78.8 118.2
160 44.6 35.4 53.0

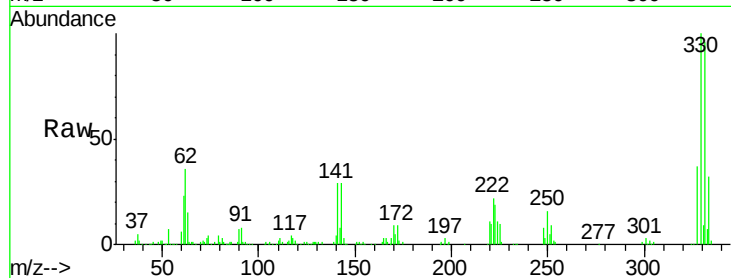




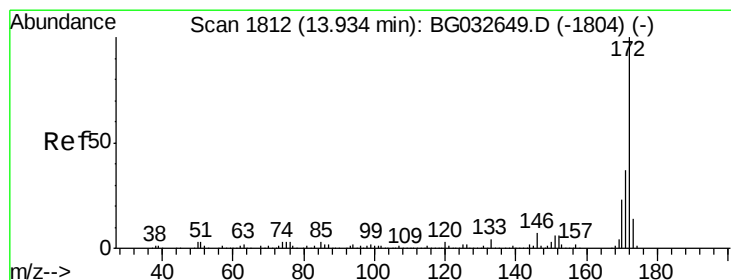
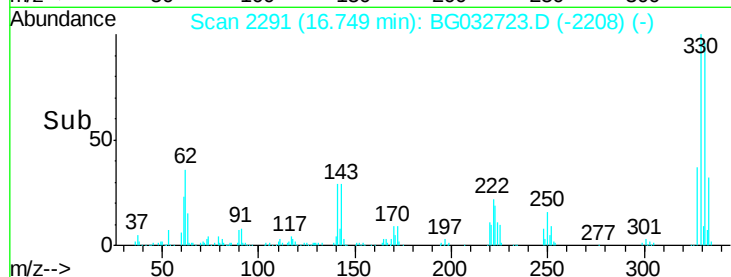
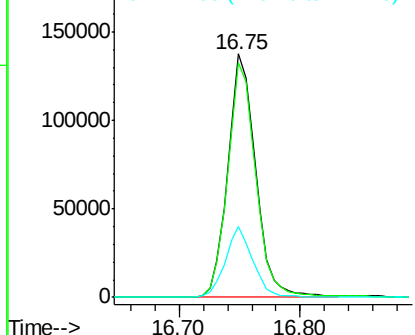
#41
 2,4,6-Tribromophenol
 Concen: 187.454 ng
 RT: 16.75 min Scan# 2291
 Delta R.T. -0.04 min
 Lab File: BG032723.D
 Acq: 15 Feb 2018 21:03

Instrument :
 BNA_G
 ClientSampleId :
 CHASSIS-WASH-SYSTEM

Tot Ion:330 Resp: 221415
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 28.5 25.2 37.8

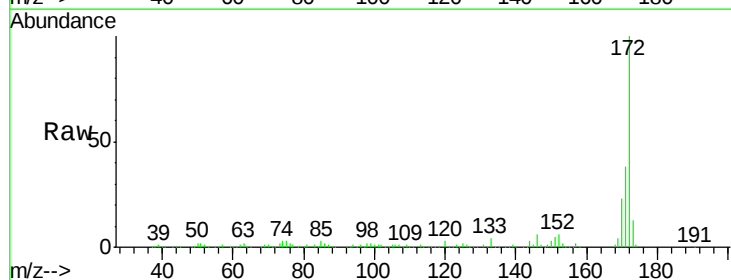


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

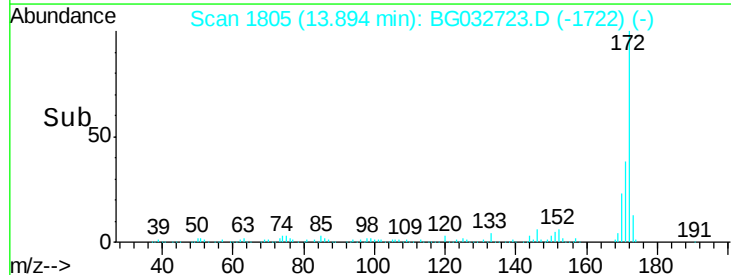
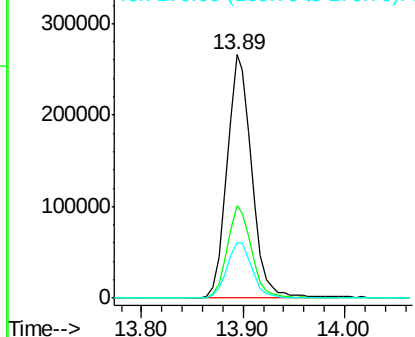


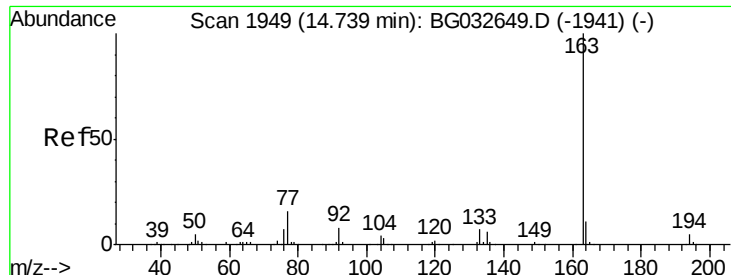
#44
 2-Fluorobiphenyl
 Concen: 73.072 ng
 RT: 13.89 min Scan# 1805
 Delta R.T. -0.04 min
 Lab File: BG032723.D
 Acq: 15 Feb 2018 21:03

Tgt Ion:172 Resp: 448237
 Ion Ratio Lower Upper
 172 100
 171 38.2 30.0 45.0
 170 22.6 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





#49

Dimethylphthalate

Concen: 2.141 ng

RT: 14.70 min Scan# 1942

Delta R.T. -0.04 min

Lab File: BG032723.D

Acq: 15 Feb 2018 21:03

Instrument :

BNA_G

ClientSampleId :

CHASSIS-WASH-SYSTEM

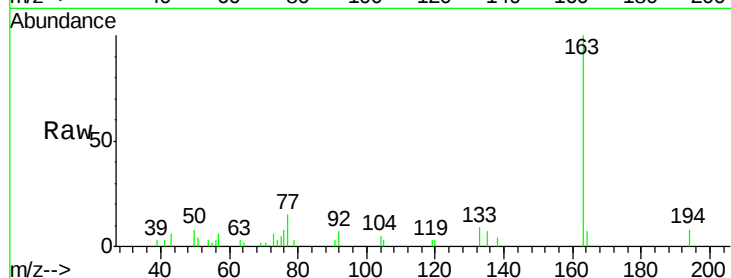
Tot Ion:163 Resp: 14195

Ion Ratio Lower Upper

163 100

194 7.9 3.4 5.2#

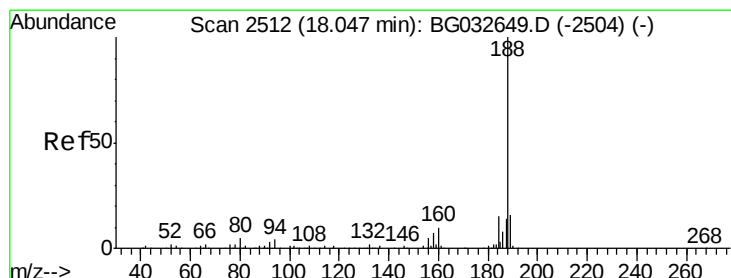
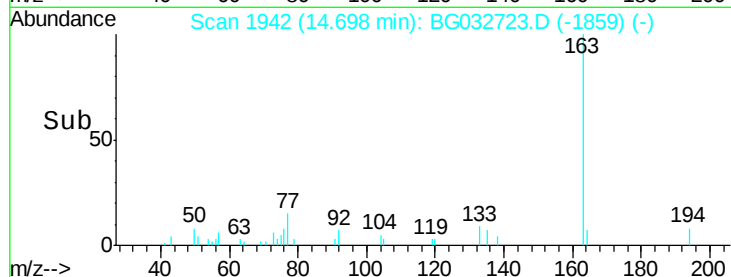
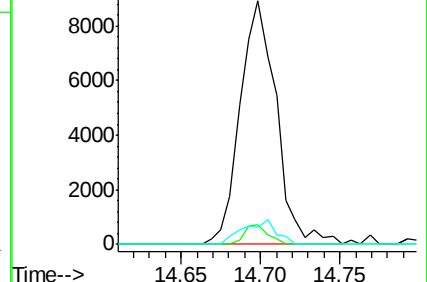
164 7.1 8.2 12.4#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.01 min Scan# 2505

Delta R.T. -0.04 min

Lab File: BG032723.D

Acq: 15 Feb 2018 21:03

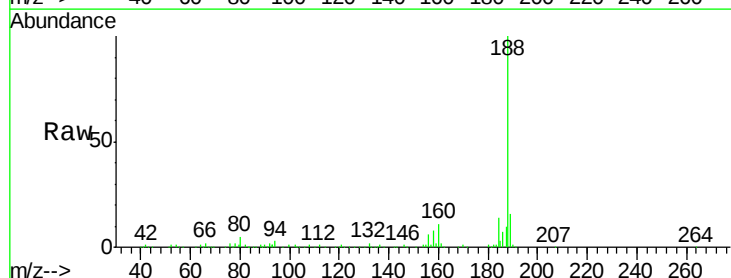
Tgt Ion:188 Resp: 157475

Ion Ratio Lower Upper

188 100

94 3.4 6.9 10.3#

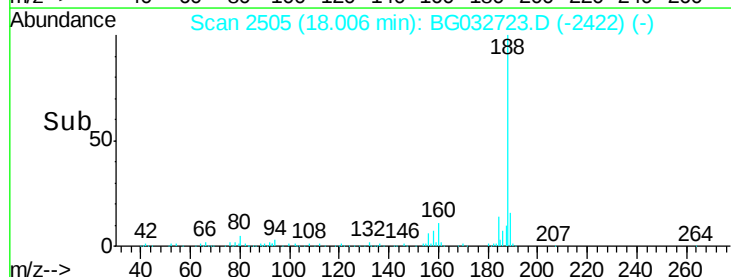
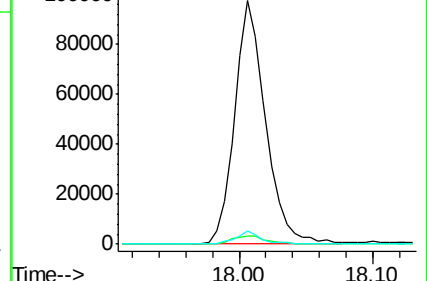
80 5.4 7.7 11.5#

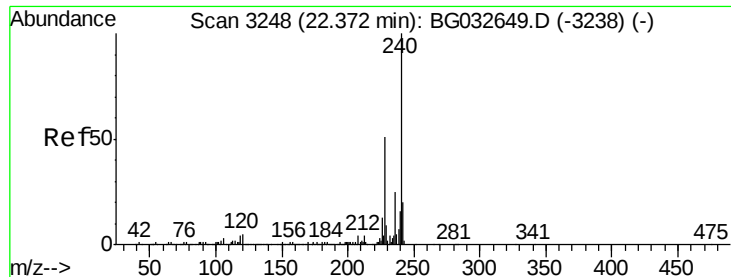


Abundance Ion 188.00 (187.70 to 188.70): E

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: 22.32 min Scan# 3240

Delta R.T. -0.05 min

Lab File: BG032723.D

Acq: 15 Feb 2018 21:03

Instrument :

BNA_G

ClientSampleId :

CHASSIS-WASH-SYSTEM

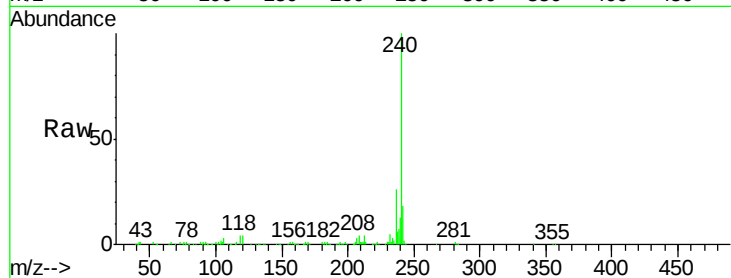
Tot Ion:240 Resp: 210941

Ion Ratio Lower Upper

240 100

120 4.3 6.8 10.2#

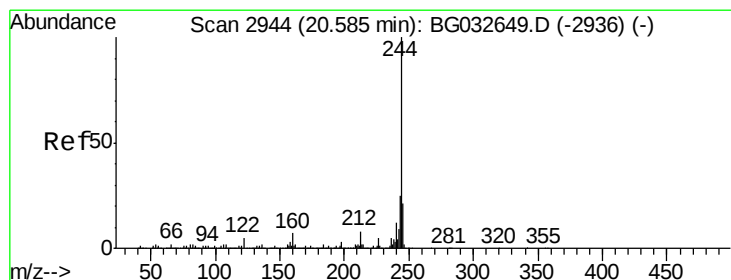
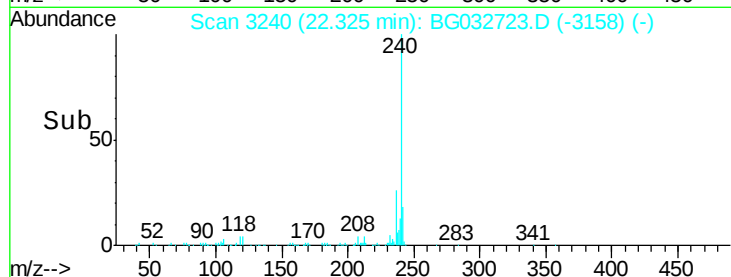
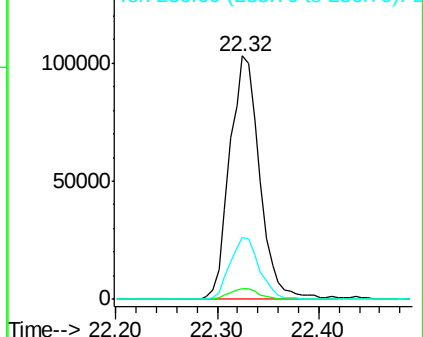
236 25.7 20.9 31.3



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: 115.122 ng

RT: 20.56 min Scan# 2939

Delta R.T. -0.03 min

Lab File: BG032723.D

Acq: 15 Feb 2018 21:03

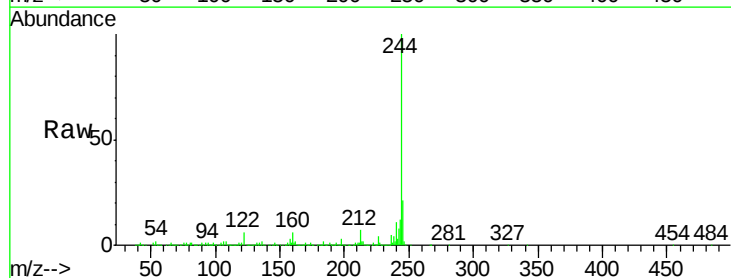
Tgt Ion:244 Resp: 1065457

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

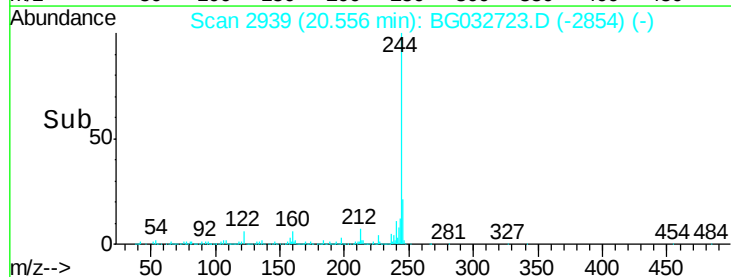
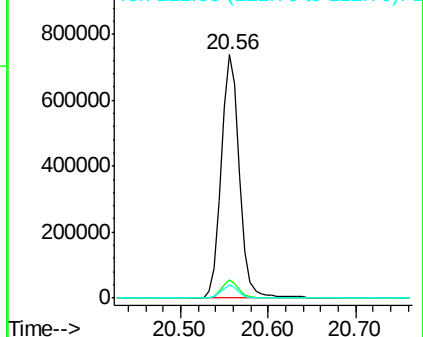
122 5.6 7.0 10.4#

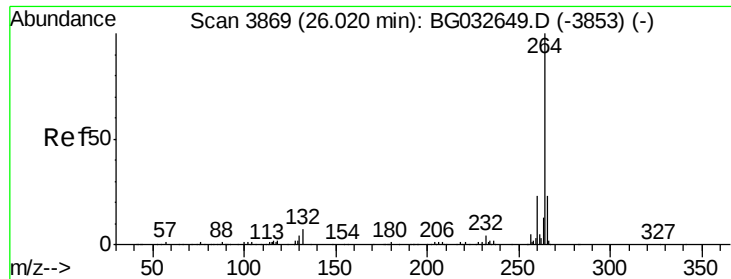


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.94 min Scan# 3855
Delta R.T. -0.08 min
Lab File: BG032723.D
Acq: 15 Feb 2018 21:03

Instrument :
BNA_G
ClientSampleId :
CHASSIS-WASH-SYSTEM

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	17.4	26.0
265	23.0	17.7	26.5

