

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021518\
 Data File : BG032724.D
 Acq On : 15 Feb 2018 21:41
 Operator : SJ/JU
 Sample : J1559-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BUS-WASH-ZIPPER-DRAIN

Quant Time: Feb 16 02:58:56 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

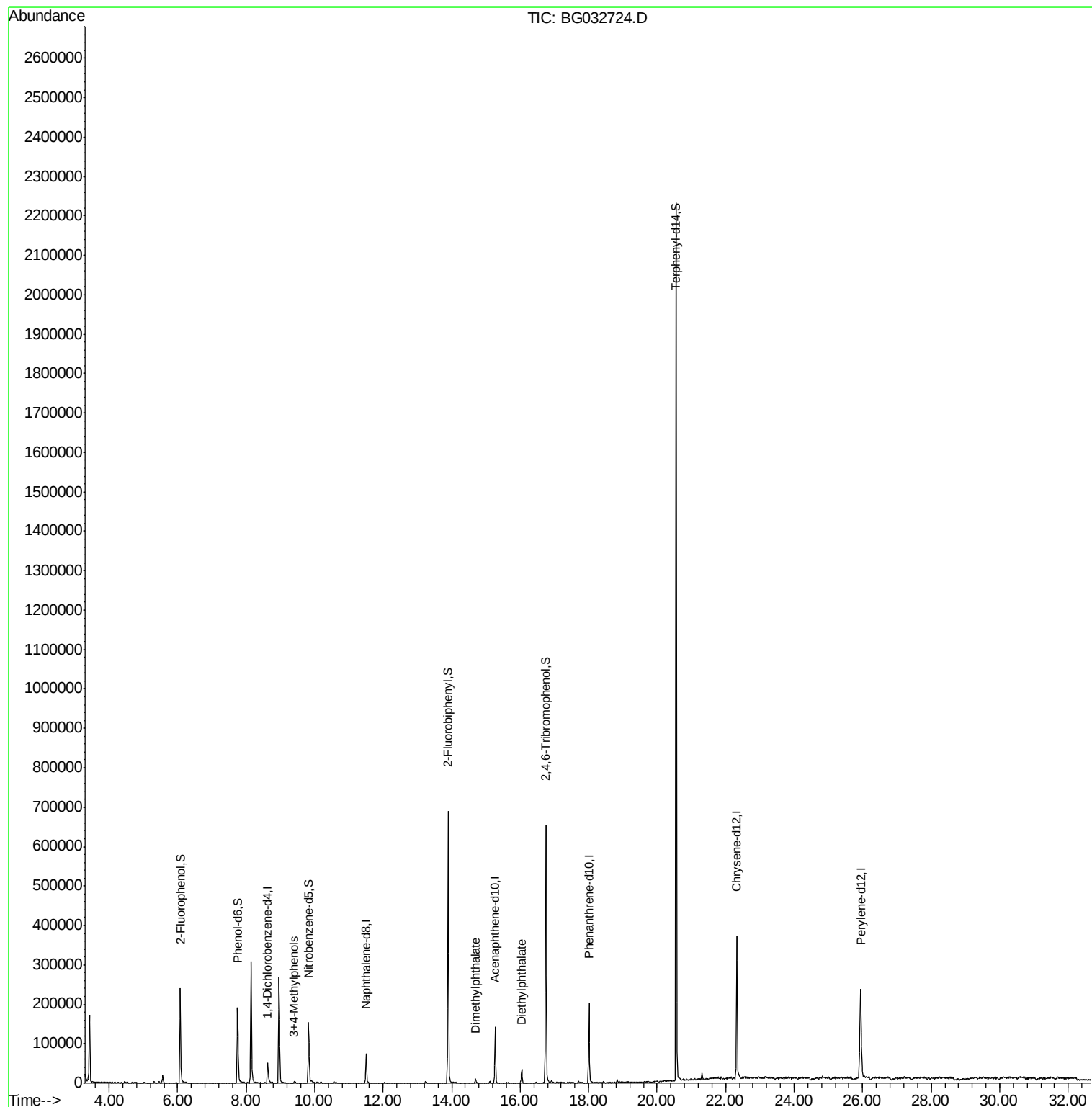
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.63	152	20834	20.00	ng	-0.05
21) Naphthalene-d8	11.50	136	80048	20.00	ng	-0.05
38) Acenaphthene-d10	15.27	164	57375	20.00	ng	-0.04
63) Phenanthrene-d10	18.01	188	152291	20.00	ng	-0.04
75) Chrysene-d12	22.33	240	292228	20.00	ng	-0.04
86) Perylene-d12	25.94	264	314291	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	6.08	112	133103	128.18	ng	-0.04
7) Phenol-d6	7.75	99	129604	91.28	ng	-0.04
23) Nitrobenzene-d5	9.82	82	113439	90.07	ng	-0.05
41) 2,4,6-Tribromophenol	16.75	330	176539	199.83	ng	-0.04
44) 2-Fluorobiphenyl	13.90	172	413318	90.09	ng	-0.04
78) Terphenyl-d14	20.56	244	1268918	98.97	ng	-0.03
Target Compounds						
20) 3+4-Methylphenols	9.40	107	4200	2.841	ng	Qvalue 93
49) Dimethylphthalate	14.70	163	10017	2.020	ng	# 95
59) Diethylphthalate	16.05	149	20435	4.235	ng	98

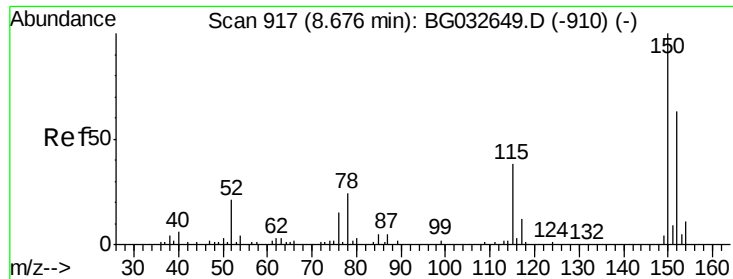
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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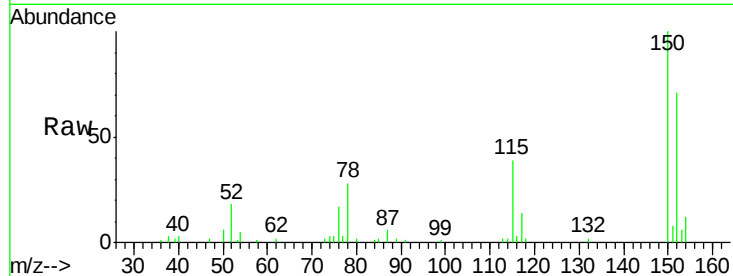


#1

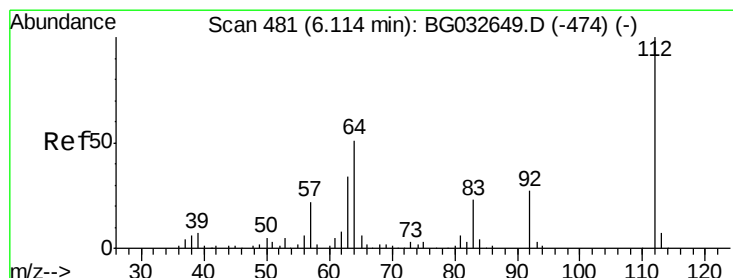
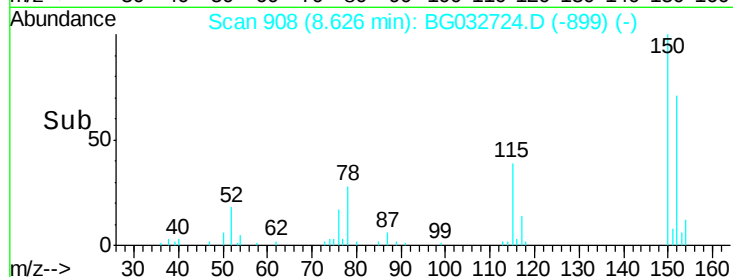
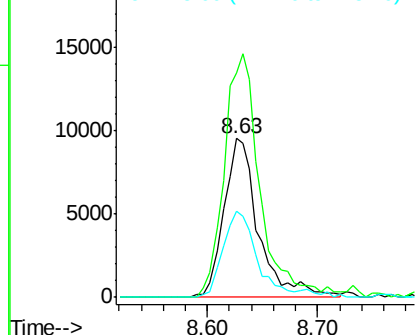
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.63 min Scan# 908
Delta R.T. -0.05 min
Lab File: BG032724.D
Acq: 15 Feb 2018 21:41

Instrument :
BNA_G
ClientSampleId :
BUS-WASH-ZIPPER-DRAIN

Tot Ion:152 Resp: 20834
Ion Ratio Lower Upper
152 100
150 141.4 126.6 189.8
115 54.7 53.0 79.4



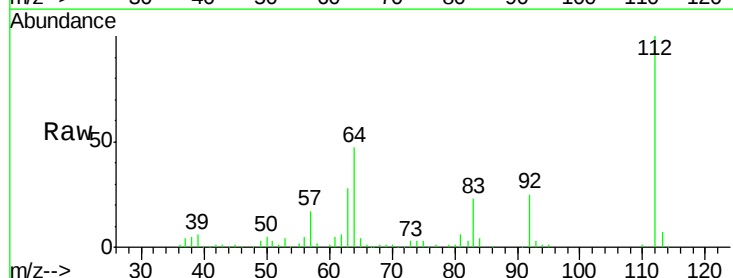
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



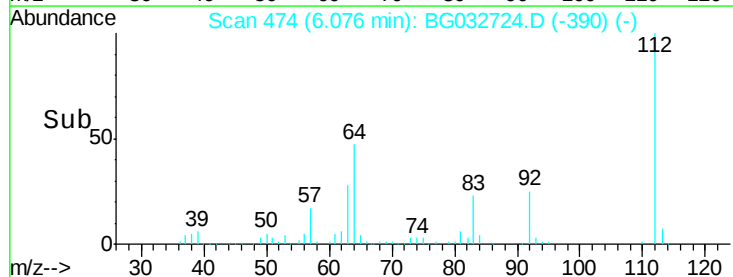
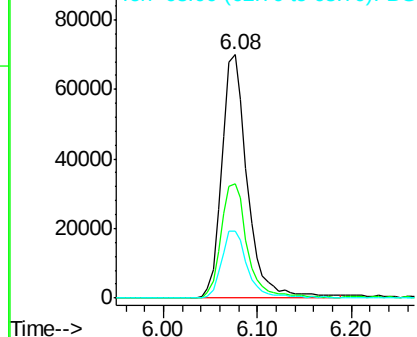
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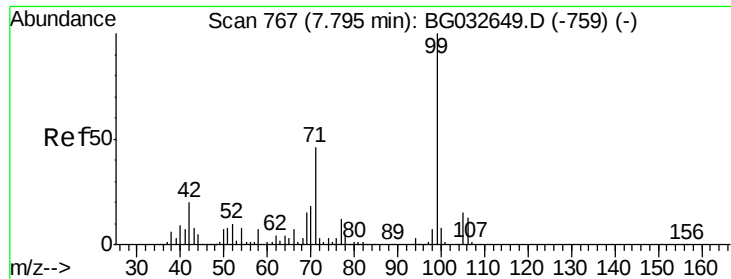
2-Fluorophenol
Concen: 128.180 ng
RT: 6.08 min Scan# 474
Delta R.T. -0.04 min
Lab File: BG032724.D
Acq: 15 Feb 2018 21:41

Tgt Ion:112 Resp: 133103
Ion Ratio Lower Upper
112 100
64 47.1 56.3 84.5#
63 27.8 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: 91.277 ng

RT: 7.75 min Scan# 759

Delta R.T. -0.04 min

Lab File: BG032724.D

Acq: 15 Feb 2018 21:41

Instrument :

BNA_G

ClientSampleId :

BUS-WASH-ZIPPER-DRAIN

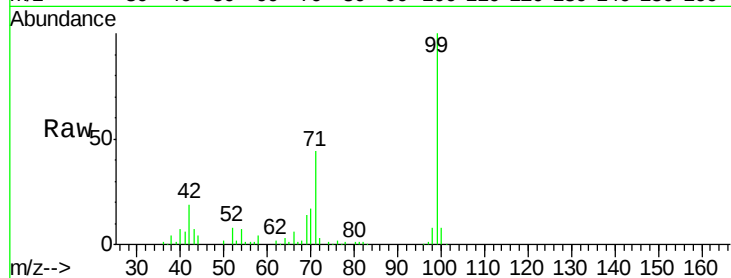
Tot Ion: 99 Resp: 129604

Ion Ratio Lower Upper

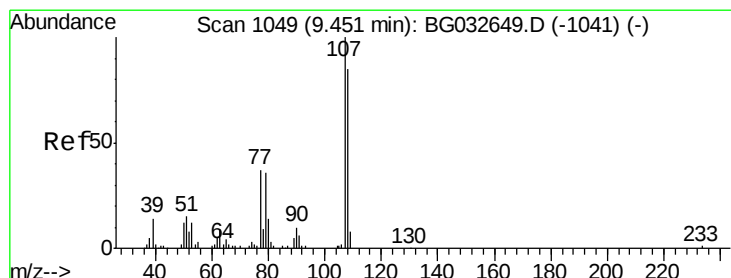
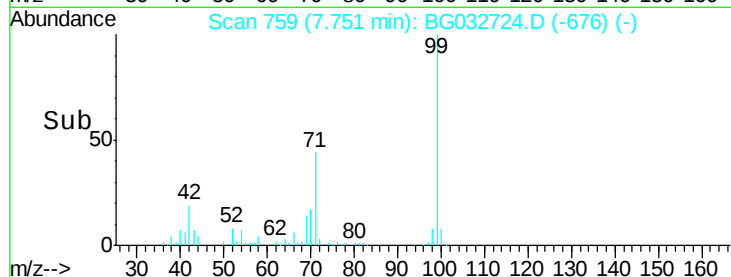
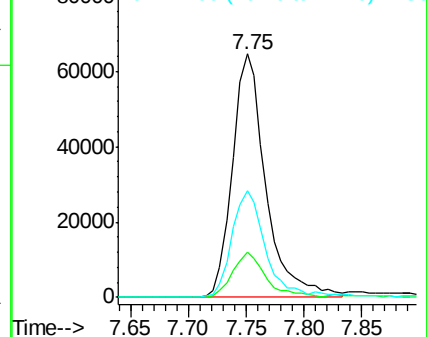
99 100

42 18.8 14.1 21.1

71 43.8 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



#20

3+4-Methylphenols

Concen: 2.841 ng

RT: 9.40 min Scan# 1040

Delta R.T. -0.05 min

Lab File: BG032724.D

Acq: 15 Feb 2018 21:41

Tgt Ion:107 Resp: 4200

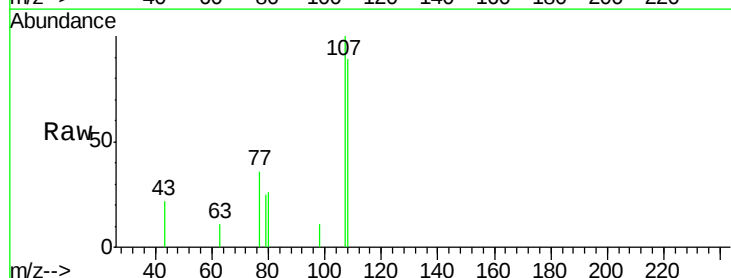
Ion Ratio Lower Upper

107 100

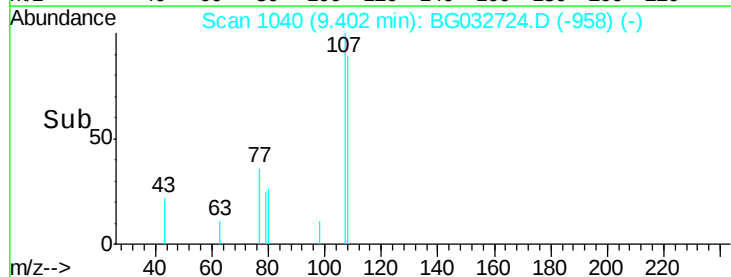
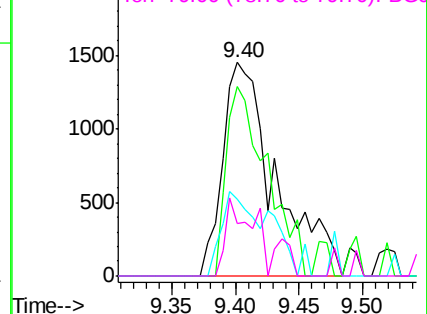
108 88.5 61.6 101.6

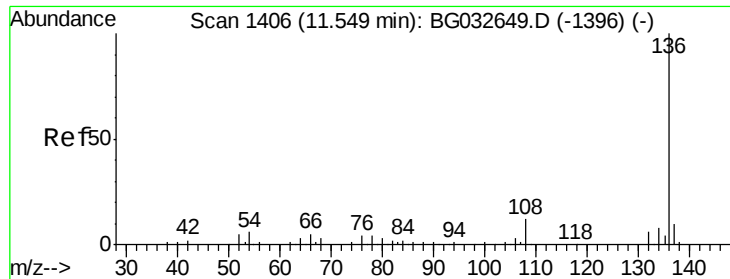
77 35.9 13.9 53.9

79 24.8 8.8 48.8



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

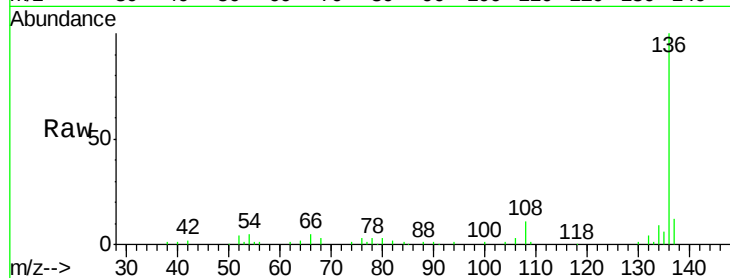




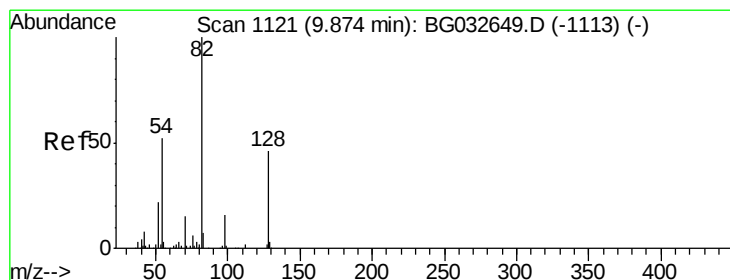
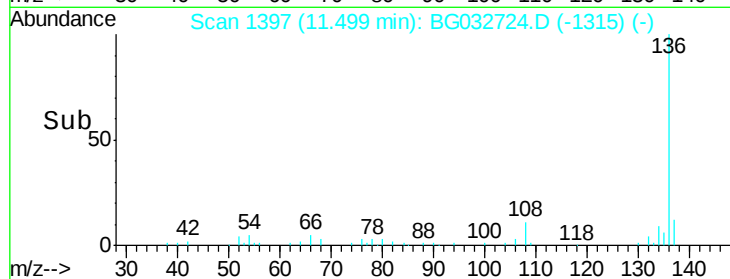
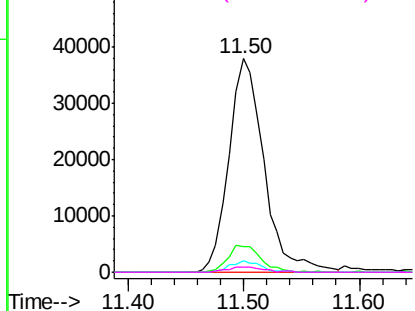
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.50 min Scan# 1397
Delta R.T. -0.05 min
Lab File: BG032724.D
Acq: 15 Feb 2018 21:41

Instrument :
BNA_G
ClientSampleId :
BUS-WASH-ZIPPER-DRAIN

Tot Ion:136 Resp: 80048
Ion Ratio Lower Upper
136 100
137 12.0 9.2 13.8
54 5.1 10.3 15.5#
68 2.6 4.5 6.7#

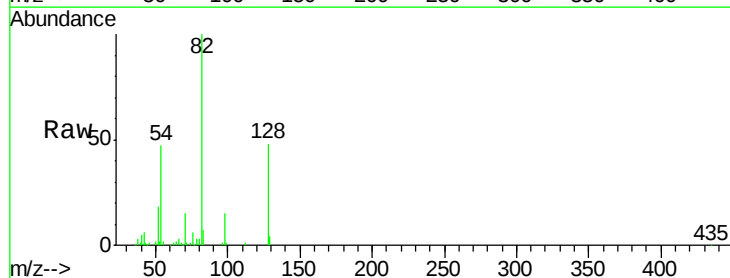


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

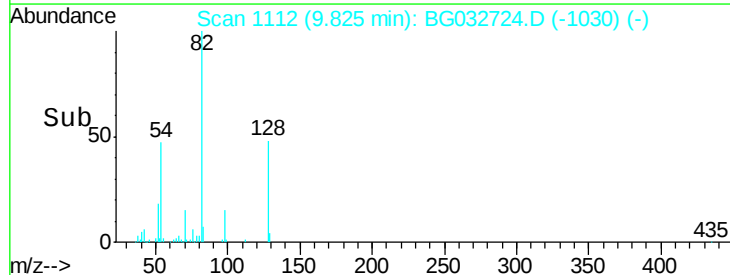
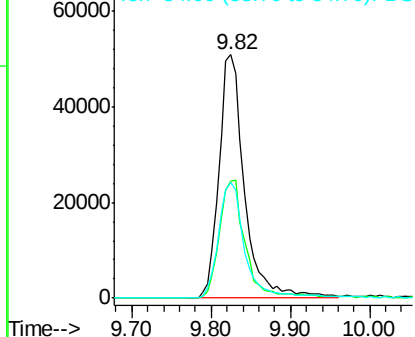


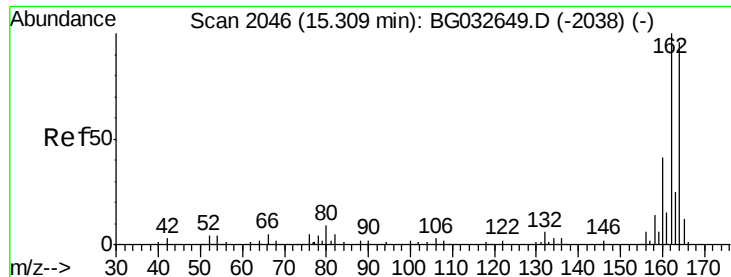
#23
Nitrobenzene-d5
Concen: 90.066 ng
RT: 9.82 min Scan# 1112
Delta R.T. -0.05 min
Lab File: BG032724.D
Acq: 15 Feb 2018 21:41

Tgt Ion: 82 Resp: 113439
Ion Ratio Lower Upper
82 100
128 48.1 29.7 44.5#
54 47.3 43.1 64.7



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.27 min Scan# 2039

Delta R.T. -0.04 min

Lab File: BG032724.D

Acq: 15 Feb 2018 21:41

Instrument :

BNA_G

ClientSampleId :

BUS-WASH-ZIPPER-DRAIN

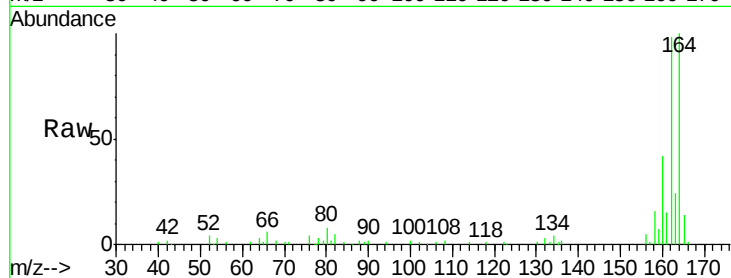
Tot Ion:164 Resp: 57375

Ion Ratio Lower Upper

164 100

162 98.1 78.8 118.2

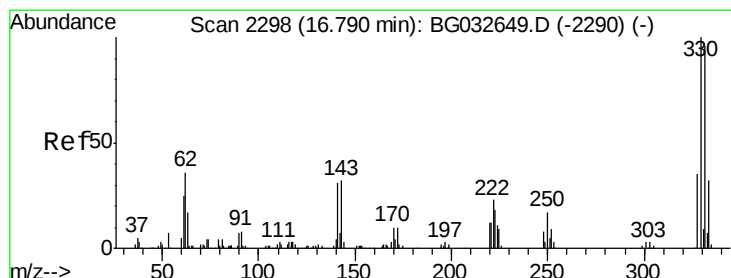
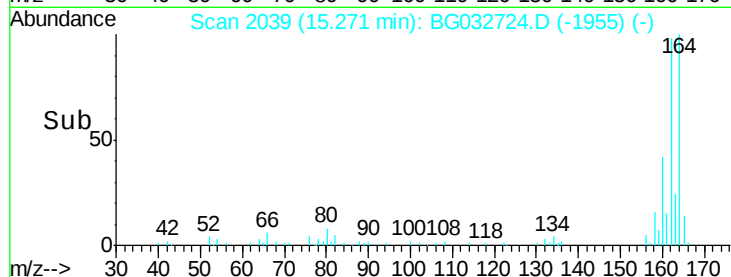
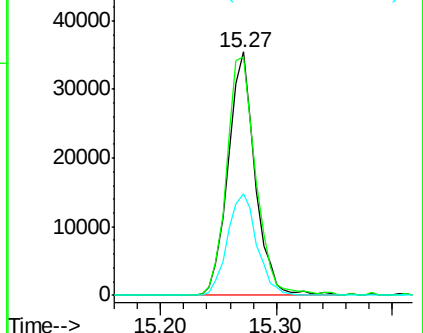
160 41.6 35.4 53.0



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: 199.828 ng

RT: 16.75 min Scan# 2291

Delta R.T. -0.04 min

Lab File: BG032724.D

Acq: 15 Feb 2018 21:41

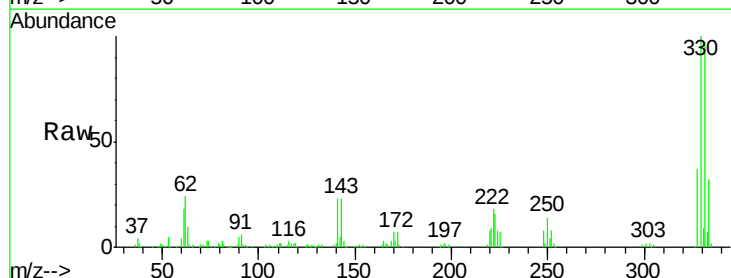
Tgt Ion:330 Resp: 176539

Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.6

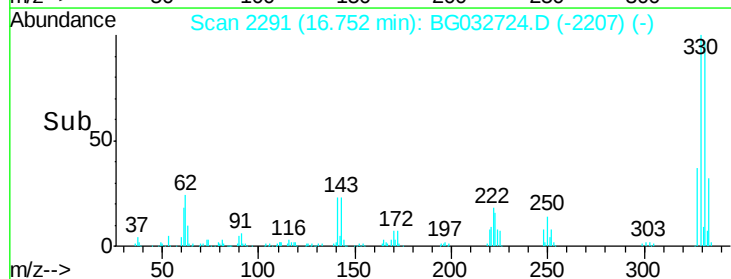
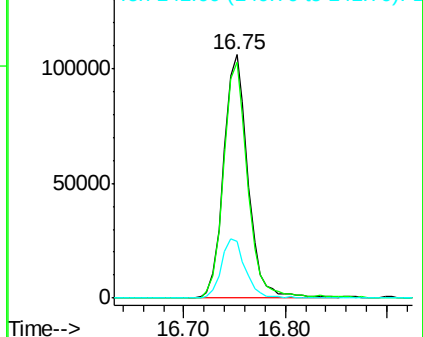
141 24.0 25.2 37.8#

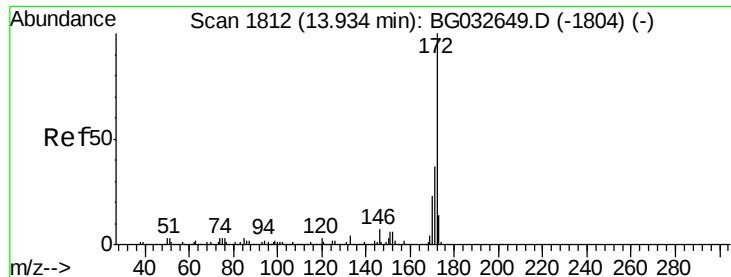


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

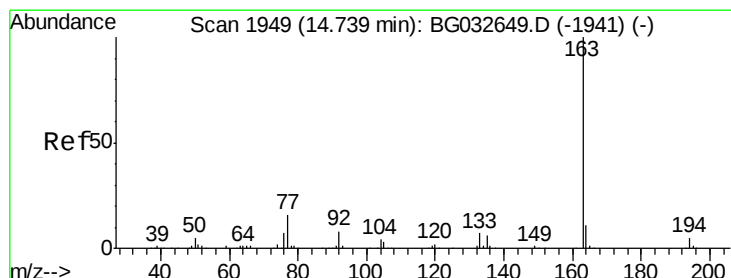
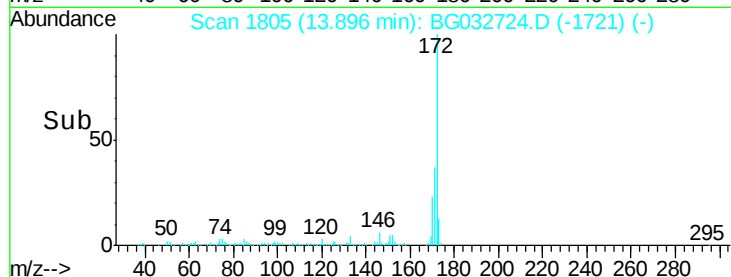
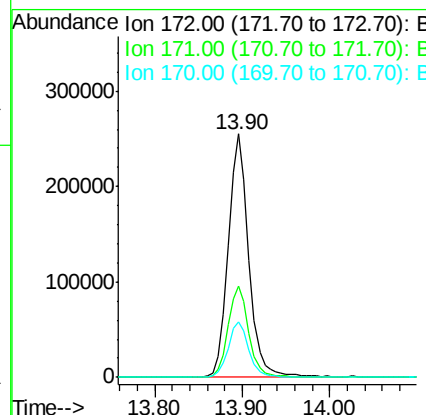
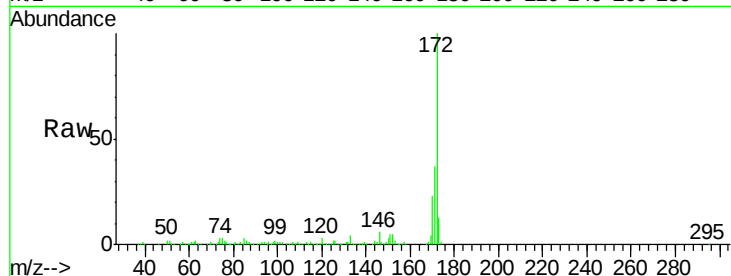




#44
2-Fluorobiphenyl
Concen: 90.086 ng
RT: 13.90 min Scan# 1805
Delta R.T. -0.04 min
Lab File: BG032724.D
Acq: 15 Feb 2018 21:41

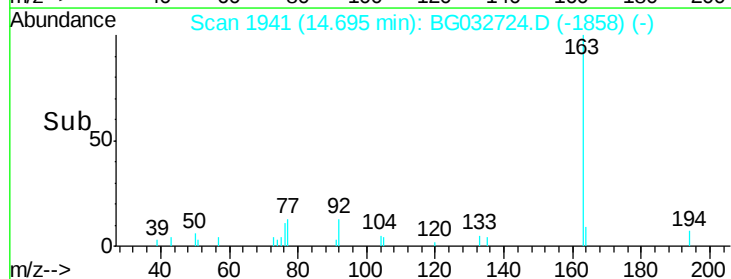
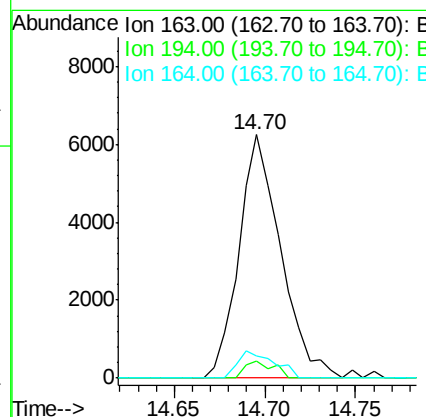
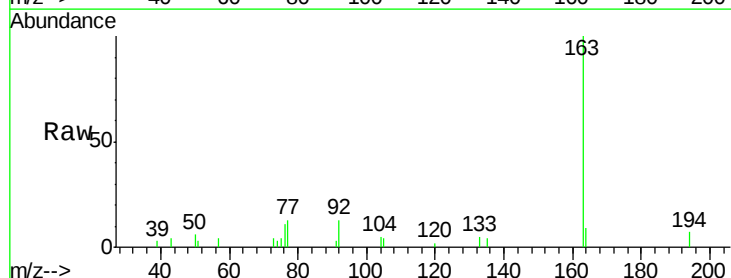
Instrument :
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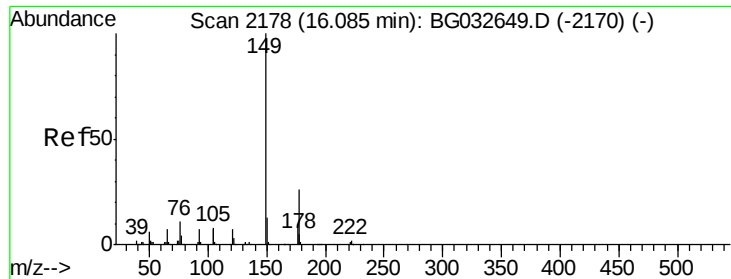
Tot Ion:172 Resp: 413318
Ion Ratio Lower Upper
172 100
171 37.3 30.0 45.0
170 22.8 19.5 29.3



#49
Dimethylphthalate
Concen: 2.020 ng
RT: 14.70 min Scan# 1941
Delta R.T. -0.04 min
Lab File: BG032724.D
Acq: 15 Feb 2018 21:41

Tgt Ion:163 Resp: 10017
Ion Ratio Lower Upper
163 100
194 6.8 3.4 5.2#
164 9.0 8.2 12.4

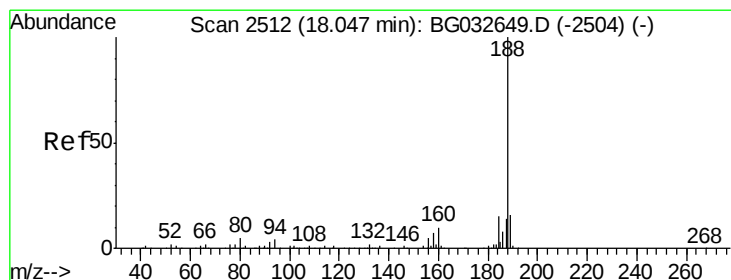
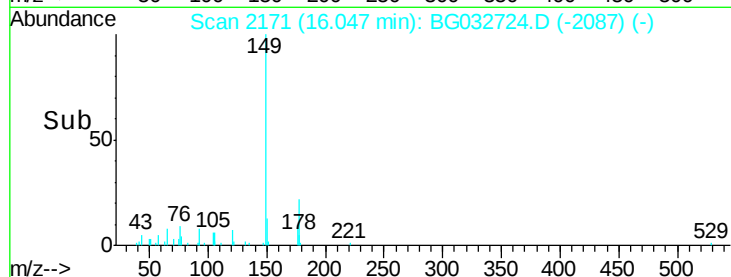
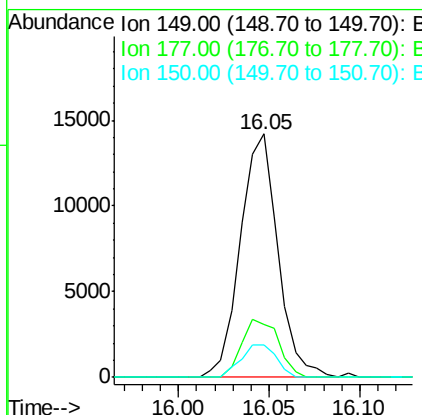
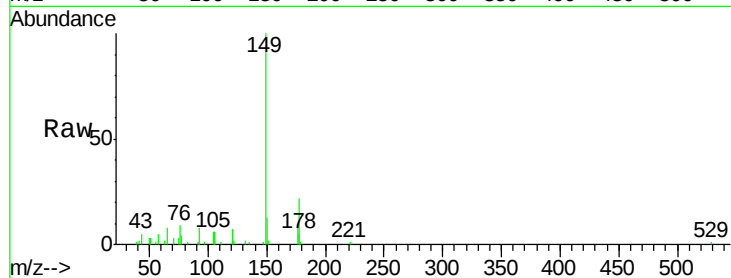




#59
Diethylphthalate
Concen: 4.235 ng
RT: 16.05 min Scan# 2171
Delta R.T. -0.04 min
Lab File: BG032724.D
Acq: 15 Feb 2018 21:41

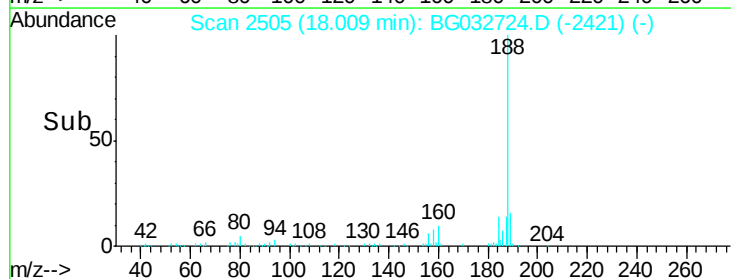
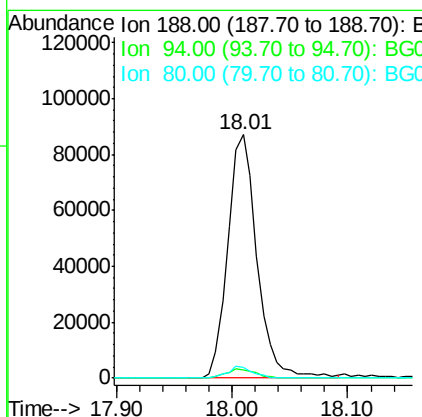
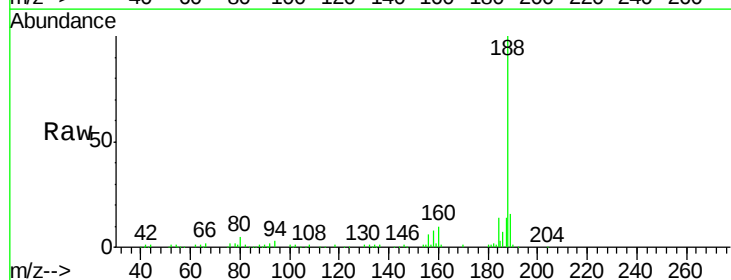
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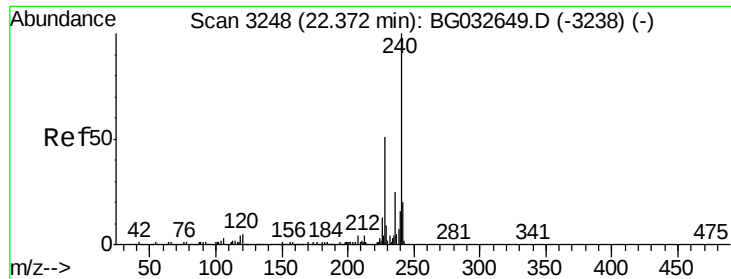
Tot Ion:149 Resp: 20435
Ion Ratio Lower Upper
149 100
177 21.6 18.5 27.7
150 13.1 10.2 15.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.01 min Scan# 2505
Delta R.T. -0.04 min
Lab File: BG032724.D
Acq: 15 Feb 2018 21:41

Tgt Ion:188 Resp: 152291
Ion Ratio Lower Upper
188 100
94 3.4 6.9 10.3#
80 4.6 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.33 min Scan# 3240

Delta R.T. -0.04 min

Lab File: BG032724.D

Acq: 15 Feb 2018 21:41

Instrument :

BNA_G

ClientSampleId :

BUS-WASH-ZIPPER-DRAIN

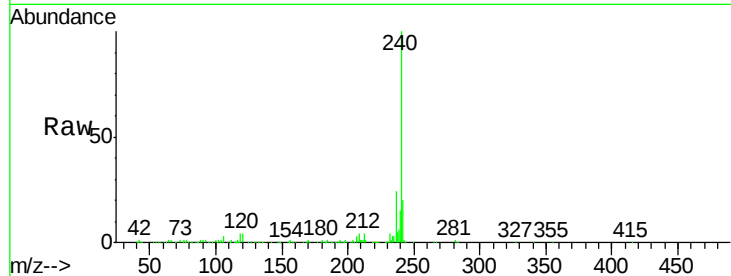
Tot Ion:240 Resp: 292228

Ion Ratio Lower Upper

240 100

120 3.9 6.8 10.2#

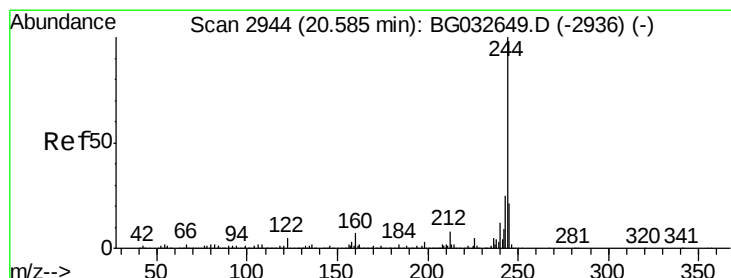
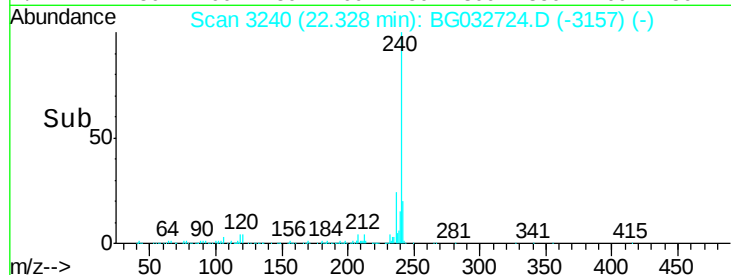
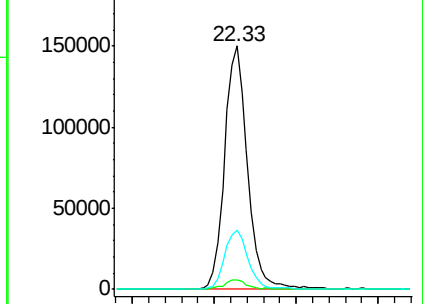
236 24.3 20.9 31.3



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: 98.968 ng

RT: 20.56 min Scan# 2939

Delta R.T. -0.03 min

Lab File: BG032724.D

Acq: 15 Feb 2018 21:41

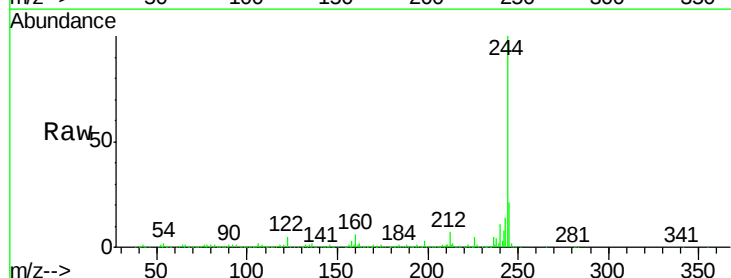
Tgt Ion:244 Resp: 1268918

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

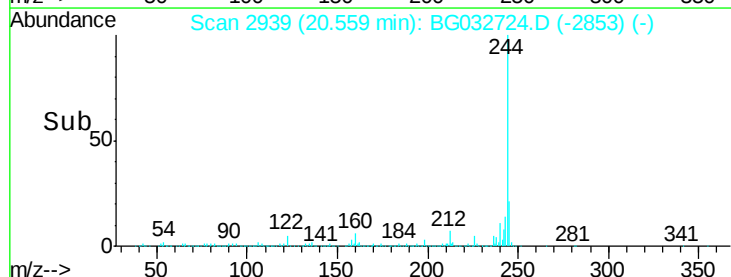
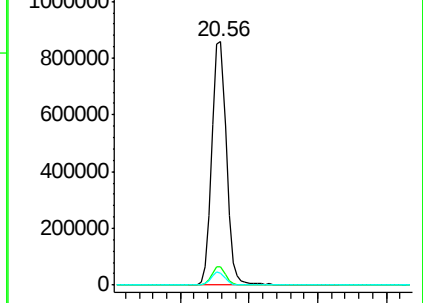
122 5.0 7.0 10.4#

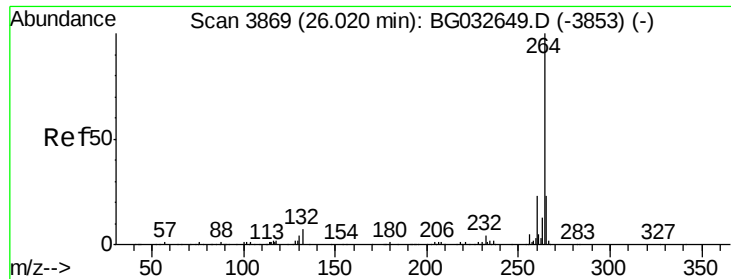


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG032724.D
 Acq: 15 Feb 2018 21:41

Instrument :
 BNA_G
 ClientSampleId :
 BUS-WASH-ZIPPER-DRAIN

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	17.4	26.0
265	20.9	17.7	26.5

