

Data Path : Z:\HPCHEM1\BNA G\DATA\BG013118\
 Data File : BG032464.D
 Acq On : 31 Jan 2018 14:13
 Operator : SJ/JU
 Sample : J1364-17
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-07

Quant Time: Feb 01 02:13:26 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

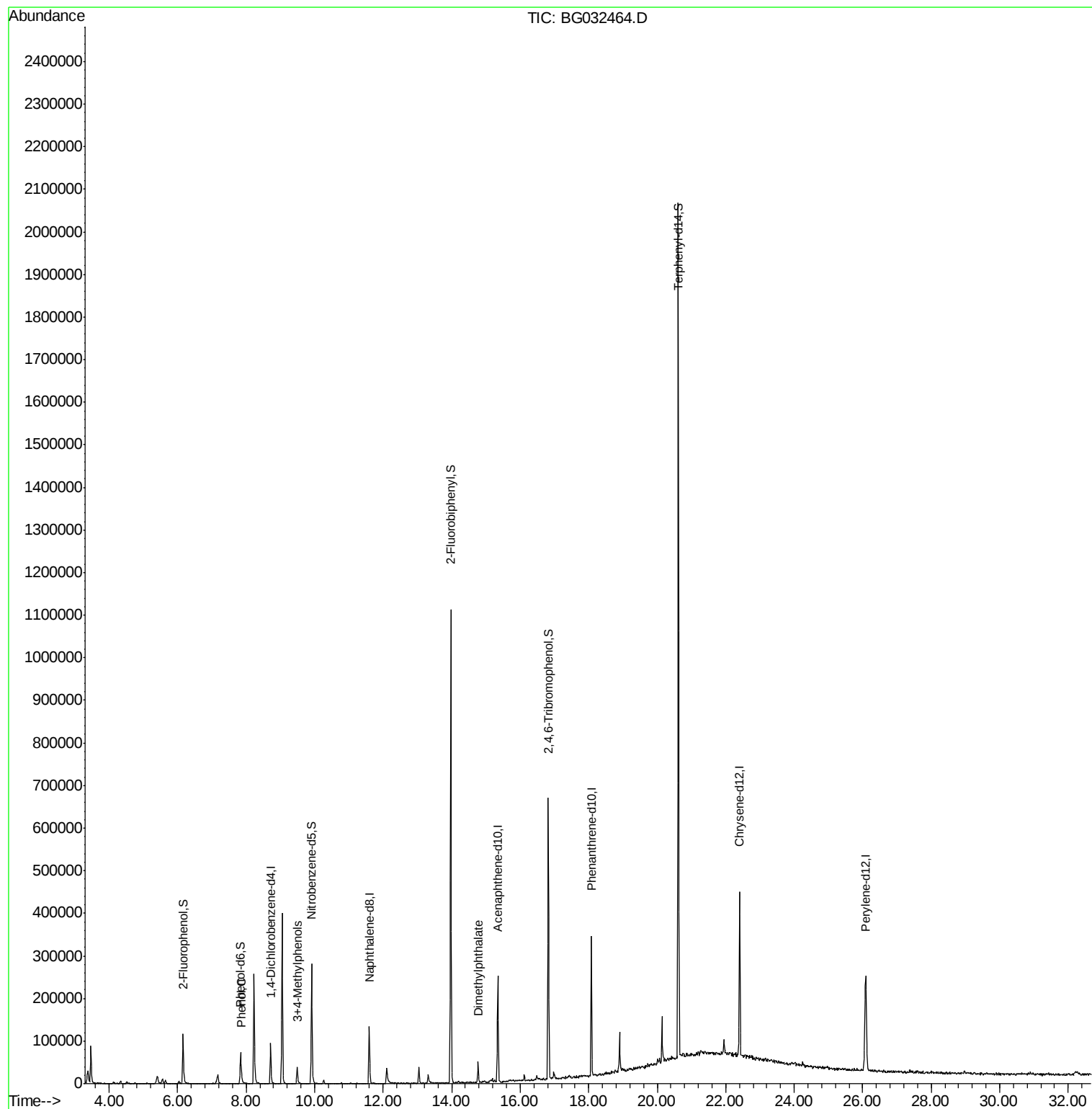
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	34504	20.00	ng	0.00
21) Naphthalene-d8	11.59	136	134208	20.00	ng	0.00
38) Acenaphthene-d10	15.35	164	93606	20.00	ng	0.00
63) Phenanthrene-d10	18.08	188	224927	20.00	ng	0.00
75) Chrysene-d12	22.41	240	281817	20.00	ng	0.00
86) Perylene-d12	26.09	264	311203	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	68920	40.12	ng	0.00
7) Phenol-d6	7.83	99	54483	23.77	ng	0.00
23) Nitrobenzene-d5	9.91	82	179747	83.65	ng	0.00
41) 2,4,6-Tribromophenol	16.82	330	151255	84.89	ng	-0.01
44) 2-Fluorobiphenyl	13.97	172	651950	82.78	ng	-0.01
78) Terphenyl-d14	20.62	244	1055749	80.25	ng	0.00
Target Compounds						
10) Phenol	7.87	94	6067	2.787	ng	81
20) 3+4-Methylphenols	9.49	107	24105	9.720	ng	97
49) Dimethylphthalate	14.77	163	38295	4.437	ng	# 97

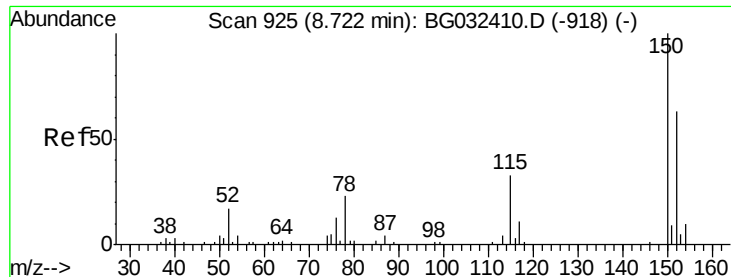
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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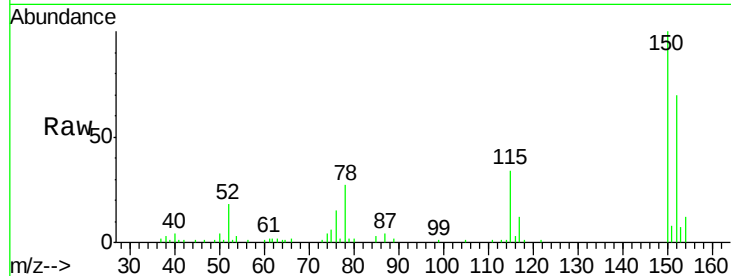


#1

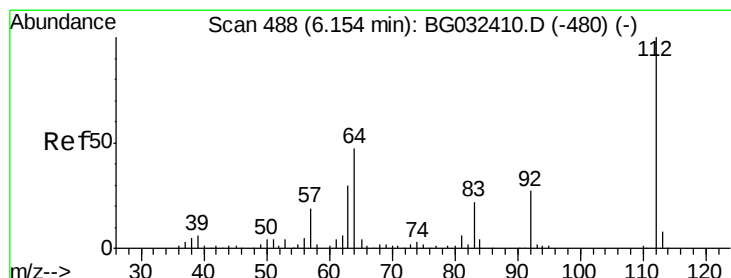
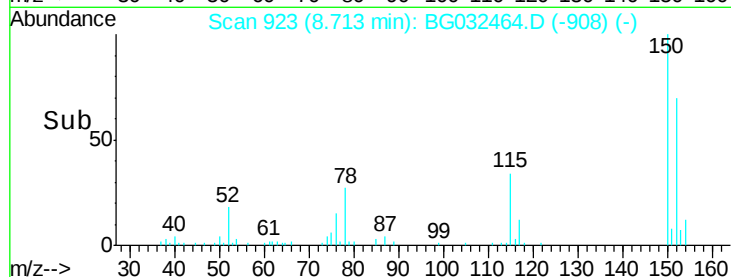
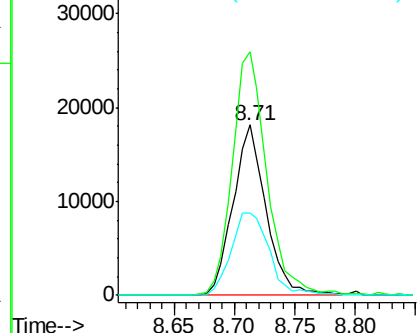
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.71 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BG032464.D
 Acq: 31 Jan 2018 14:13

Instrument :
 BNA_G
 ClientSampleId :
 MW-07

Tot Ion:152 Resp: 34504
 Ion Ratio Lower Upper
 152 100
 150 142.9 126.6 189.8
 115 48.6 53.0 79.4#



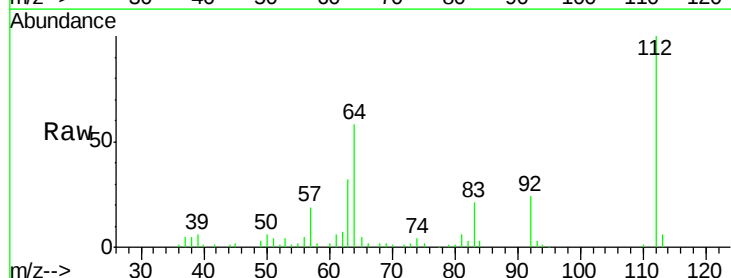
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



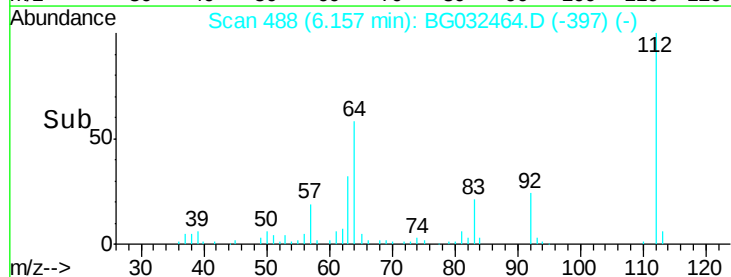
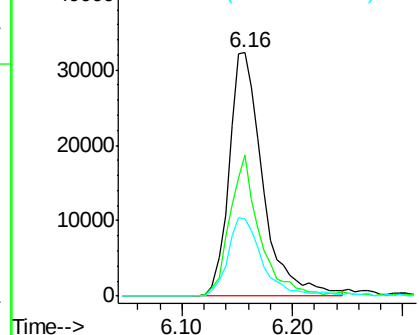
#5

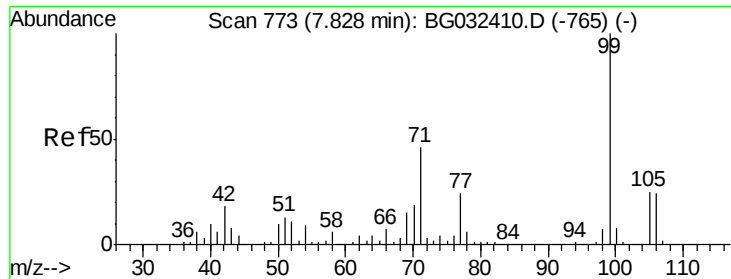
2-Fluorophenol
 Concen: 40.120 ng
 RT: 6.16 min Scan# 488
 Delta R.T. 0.00 min
 Lab File: BG032464.D
 Acq: 31 Jan 2018 14:13

Tgt Ion:112 Resp: 68920
 Ion Ratio Lower Upper
 112 100
 64 58.2 56.3 84.5
 63 31.9 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: 23.768 ng

RT: 7.83 min Scan# 773

Delta R.T. 0.00 min

Lab File: BG032464.D

Acq: 31 Jan 2018 14:13

Instrument :

BNA_G

ClientSampleId :

MW-07

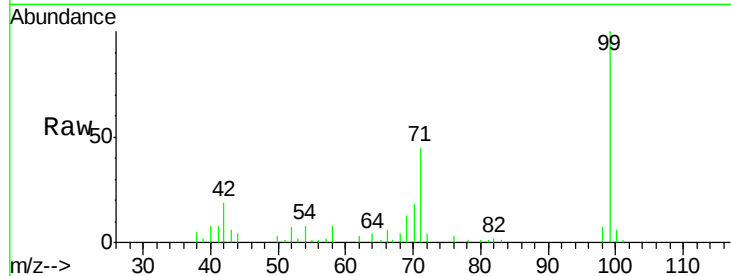
Tot Ion: 99 Resp: 54483

Ion Ratio Lower Upper

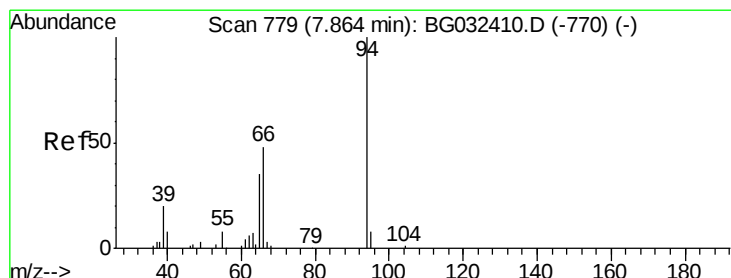
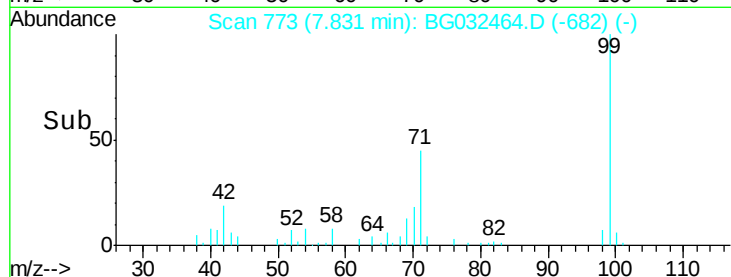
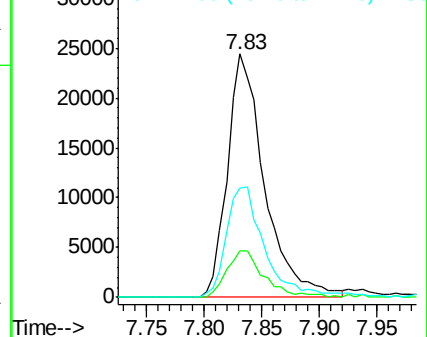
99 100

42 19.3 14.1 21.1

71 44.9 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



#10

Phenol

Concen: 2.787 ng

RT: 7.87 min Scan# 779

Delta R.T. 0.00 min

Lab File: BG032464.D

Acq: 31 Jan 2018 14:13

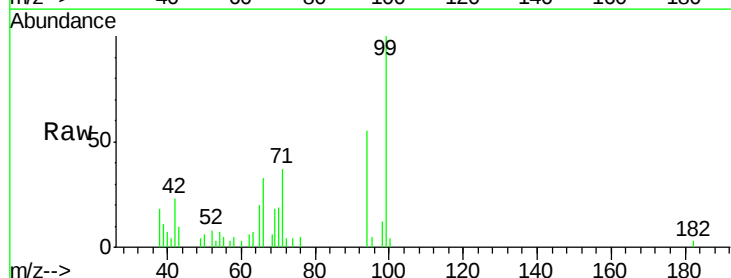
Tgt Ion: 94 Resp: 6067

Ion Ratio Lower Upper

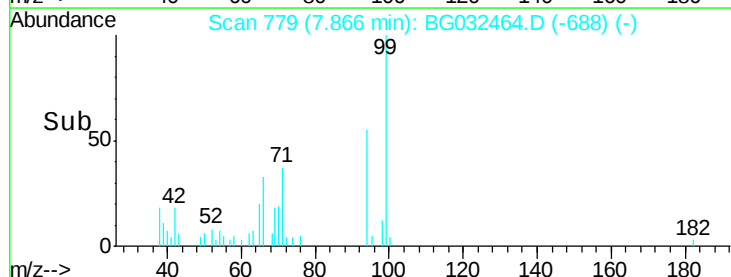
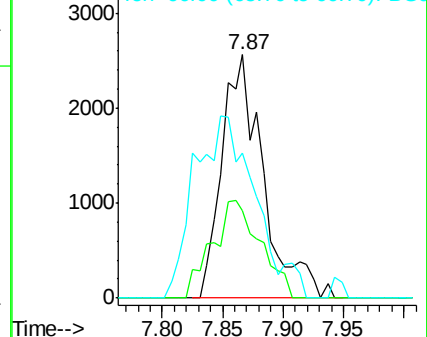
94 100

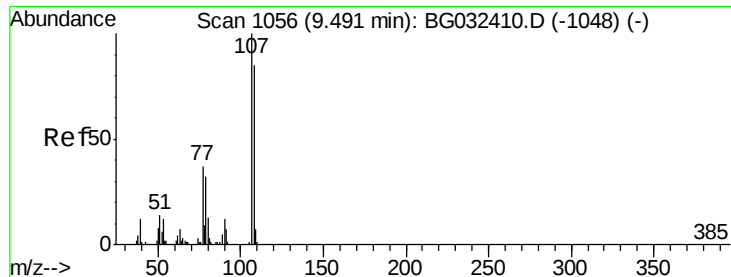
65 36.0 11.9 51.9

66 59.8 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#20

3+4-Methylphenols

Concen: 9.720 ng

RT: 9.49 min Scan# 1055

Delta R.T. -0.00 min

Lab File: BG032464.D

Acq: 31 Jan 2018 14:13

Instrument :

BNA_G

ClientSampleId :

MW-07

Tot Ion:107 Resp: 24105

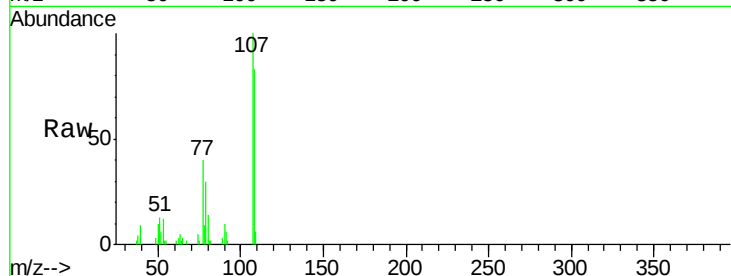
Ion Ratio Lower Upper

107 100

108 82.7 61.6 101.6

77 39.6 13.9 53.9

79 29.5 8.8 48.8

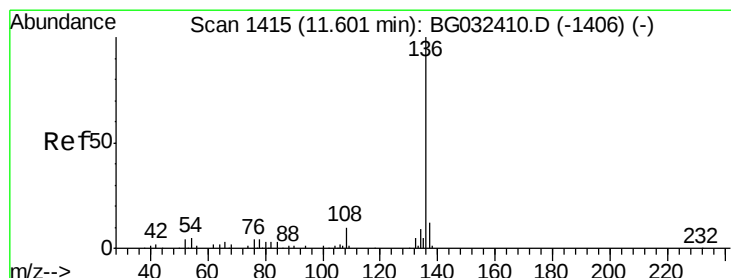
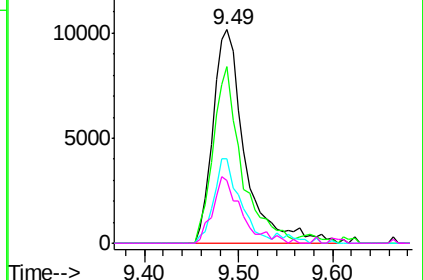
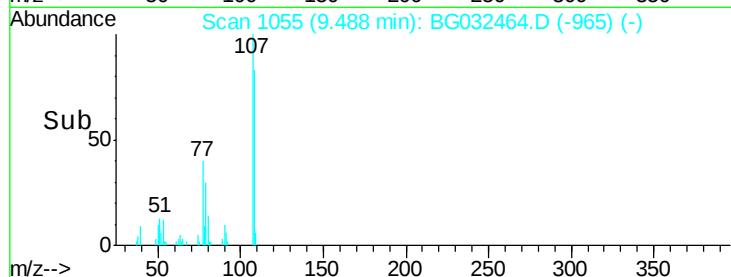


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.59 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BG032464.D

Acq: 31 Jan 2018 14:13

Tgt Ion:136 Resp: 134208

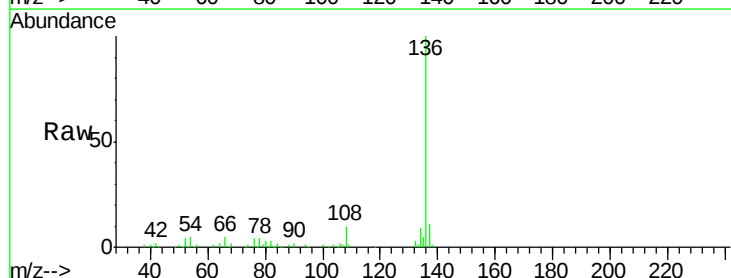
Ion Ratio Lower Upper

136 100

137 10.6 9.2 13.8

54 5.3 10.3 15.5#

68 2.5 4.5 6.7#

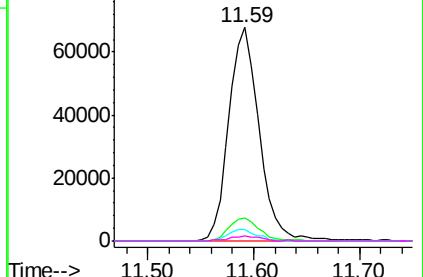
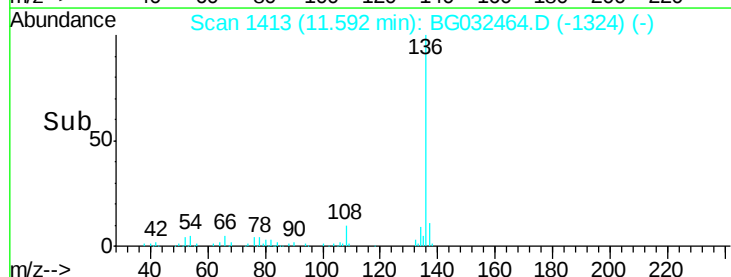


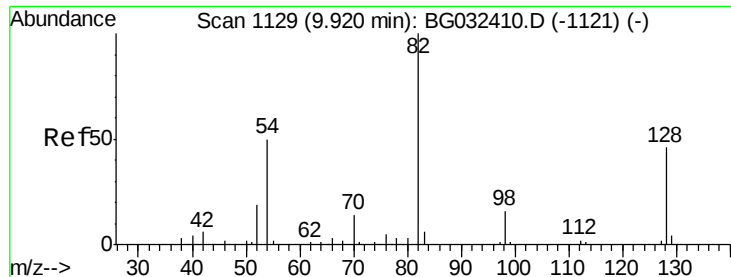
Abundance Ion 136.00 (135.70 to 136.70): E

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

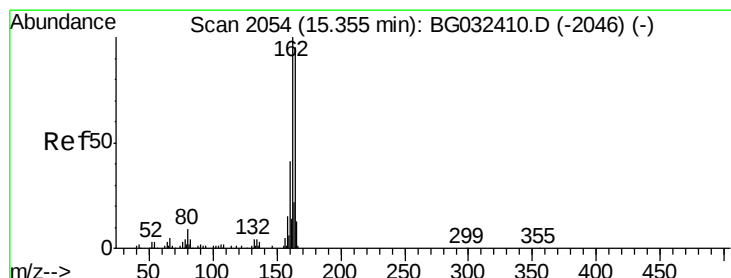
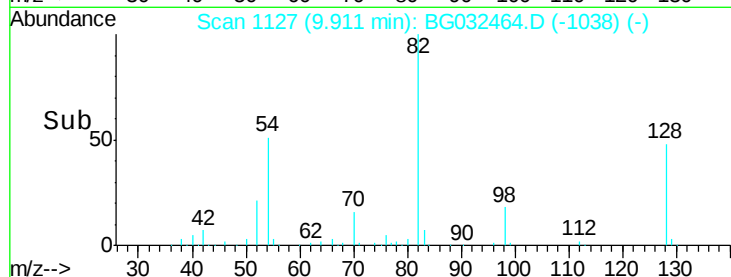
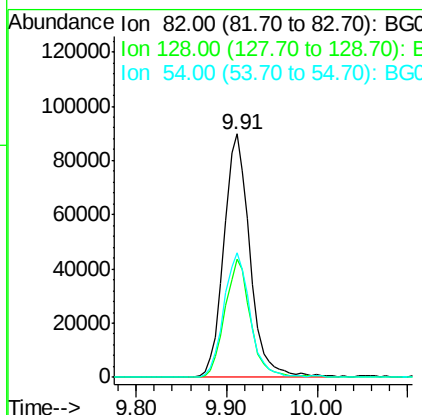
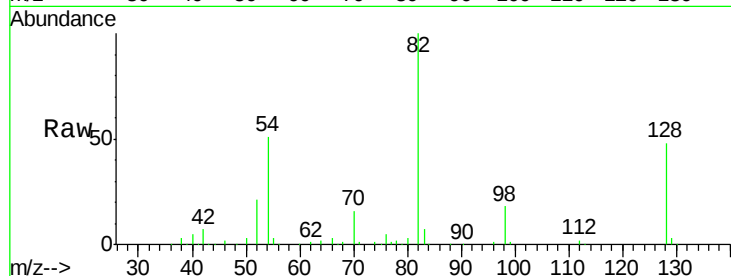




#23
 Nitrobenzene-d5
 Concen: 83.654 ng
 RT: 9.91 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: BG032464.D
 Acq: 31 Jan 2018 14:13

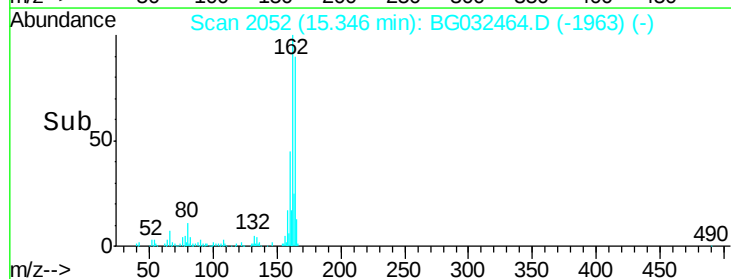
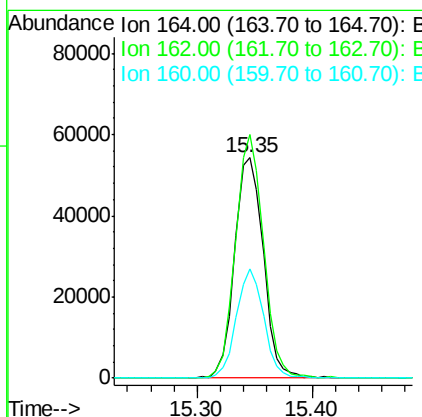
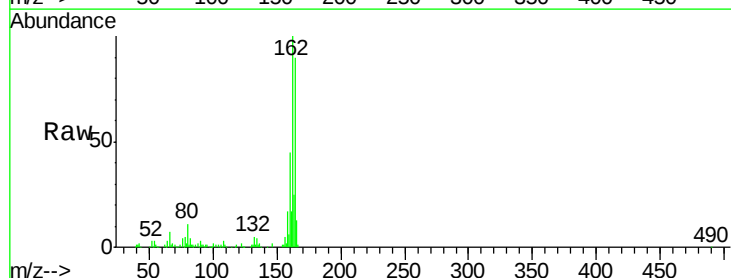
Instrument :
 BNA_G
 ClientSampleId :
 MW-07

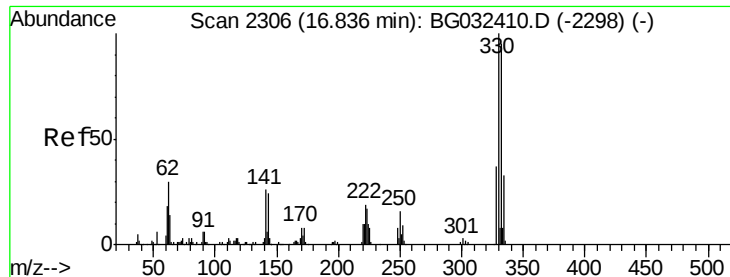
Tot Ion: 82 Resp: 179747
 Ion Ratio Lower Upper
 82 100
 128 48.3 29.7 44.5#
 54 51.3 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.35 min Scan# 2052
 Delta R.T. -0.01 min
 Lab File: BG032464.D
 Acq: 31 Jan 2018 14:13

Tgt Ion: 164 Resp: 93606
 Ion Ratio Lower Upper
 164 100
 162 110.6 78.8 118.2
 160 49.7 35.4 53.0

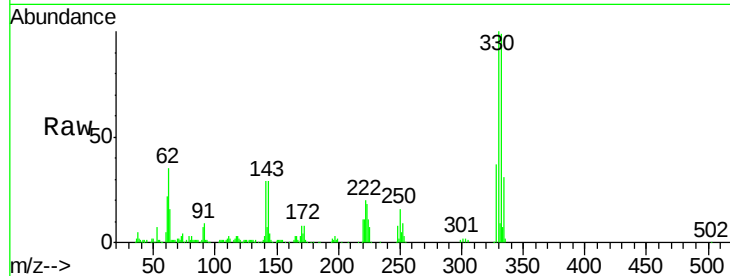




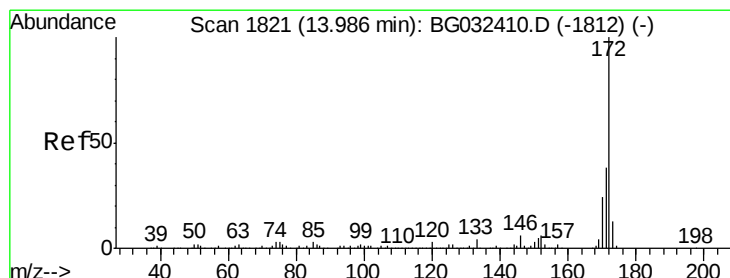
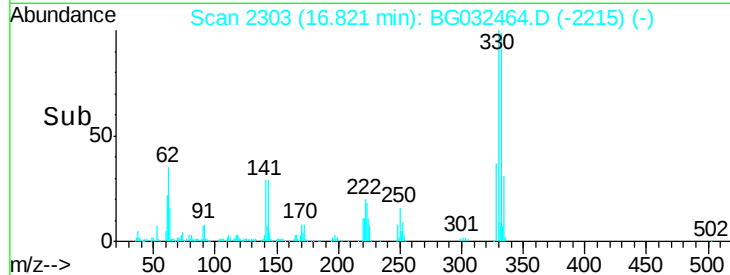
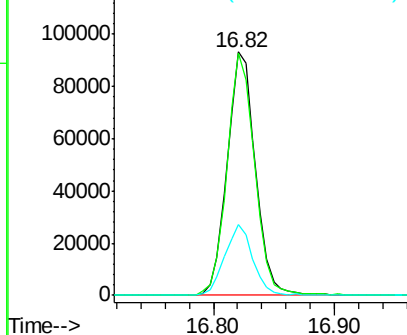
#41
 2,4,6-Tribromophenol
 Concen: 84.889 ng
 RT: 16.82 min Scan# 2303
 Delta R.T. -0.01 min
 Lab File: BG032464.D
 Acq: 31 Jan 2018 14:13

Instrument :
 BNA_G
 ClientSampleId :
 MW-07

Tot Ion:330 Resp: 151255
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.0 115.6
 141 29.1 25.2 37.8

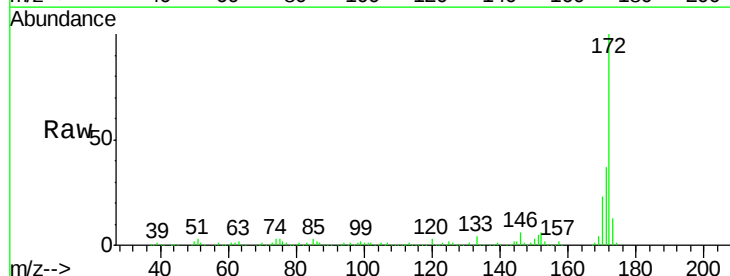


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

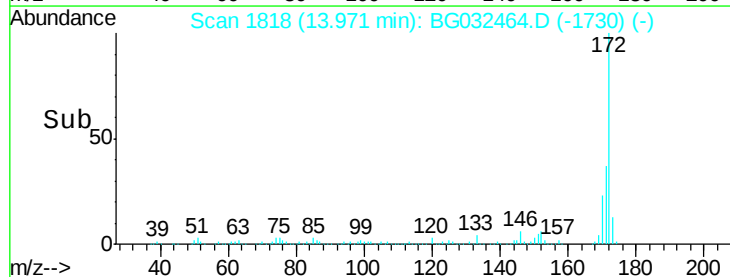
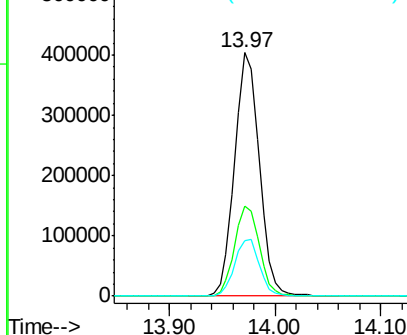


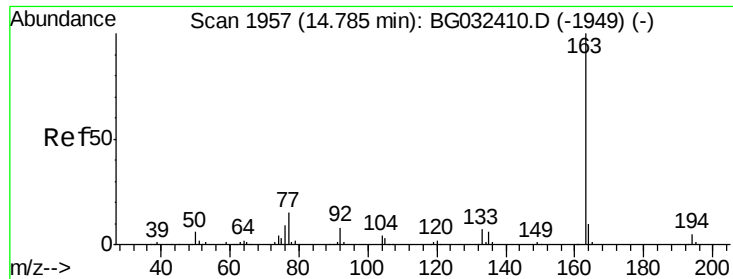
#44
 2-Fluorobiphenyl
 Concen: 82.782 ng
 RT: 13.97 min Scan# 1818
 Delta R.T. -0.01 min
 Lab File: BG032464.D
 Acq: 31 Jan 2018 14:13

Tgt Ion:172 Resp: 651950
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.0 45.0
 170 22.7 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: 4.437 ng

RT: 14.77 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BG032464.D

Acq: 31 Jan 2018 14:13

Instrument :

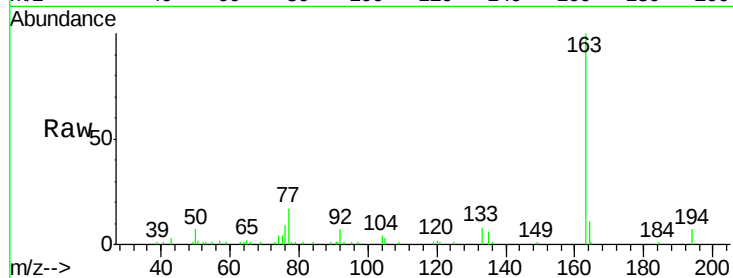
BNA_G

ClientSampleId :

MW-07

Tot Ion:163 Resp: 38295

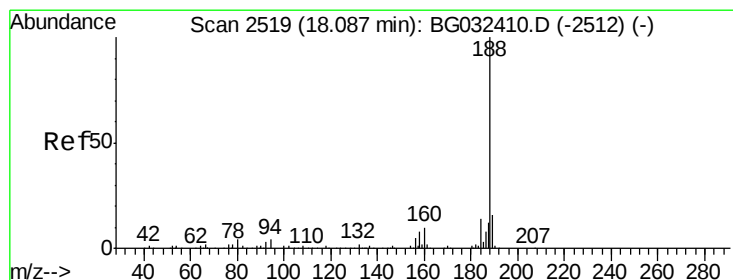
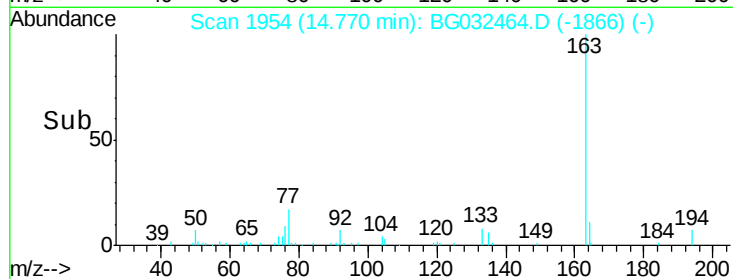
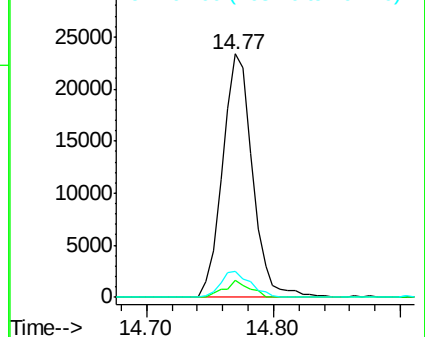
Ion	Ratio	Lower	Upper
163	100		
194	6.7	3.4	5.2#
164	10.7	8.2	12.4



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: 18.08 min Scan# 2517

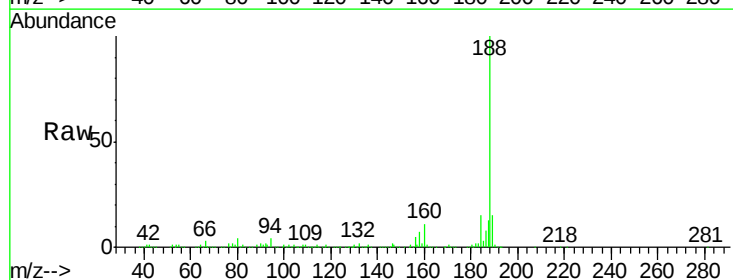
Delta R.T. -0.01 min

Lab File: BG032464.D

Acq: 31 Jan 2018 14:13

Tgt Ion:188 Resp: 224927

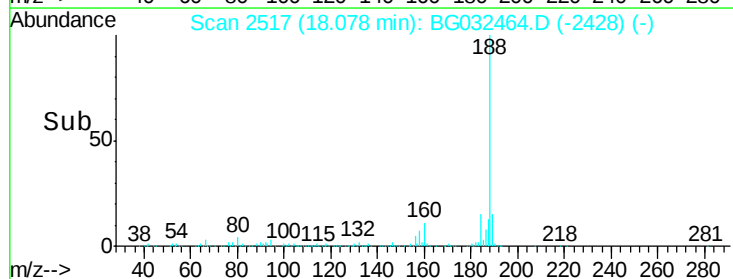
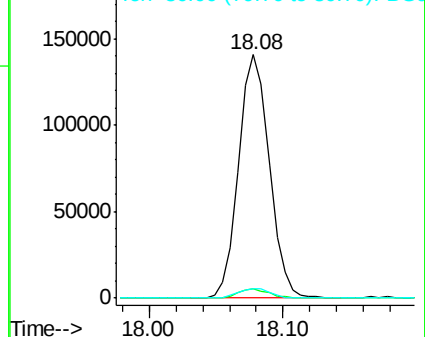
Ion	Ratio	Lower	Upper
188	100		
94	3.6	6.9	10.3#
80	4.1	7.7	11.5#

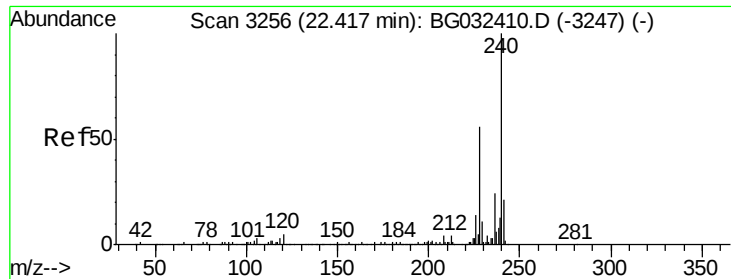


Abundance Ion 188.00 (187.70 to 188.70): E

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: 22.41 min Scan# 3254

Delta R.T. -0.01 min

Lab File: BG032464.D

Acq: 31 Jan 2018 14:13

Instrument :

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MW-07

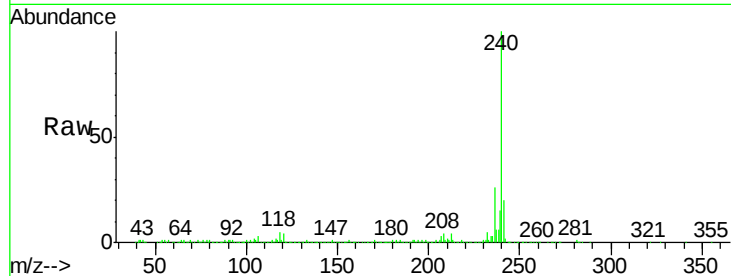
Tot Ion:240 Resp: 281817

Ion Ratio Lower Upper

240 100

120 4.0 6.8 10.2#

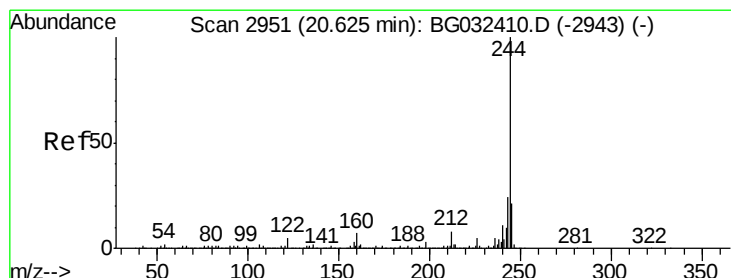
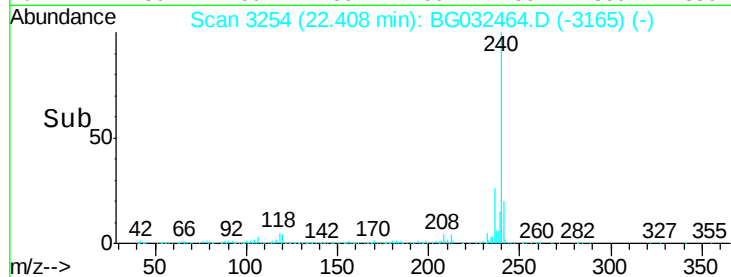
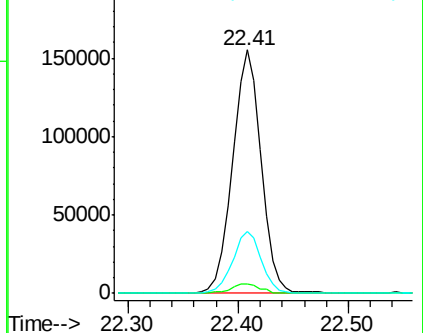
236 25.6 20.9 31.3



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: 80.247 ng

RT: 20.62 min Scan# 2949

Delta R.T. -0.01 min

Lab File: BG032464.D

Acq: 31 Jan 2018 14:13

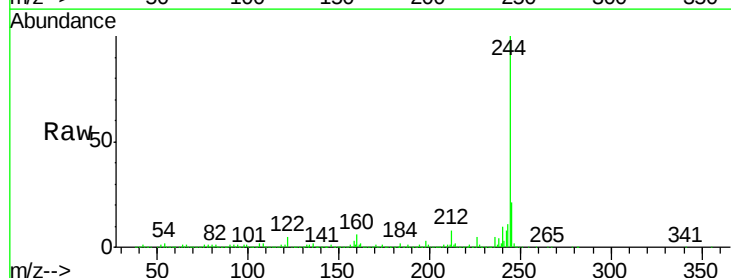
Tgt Ion:244 Resp: 1055749

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

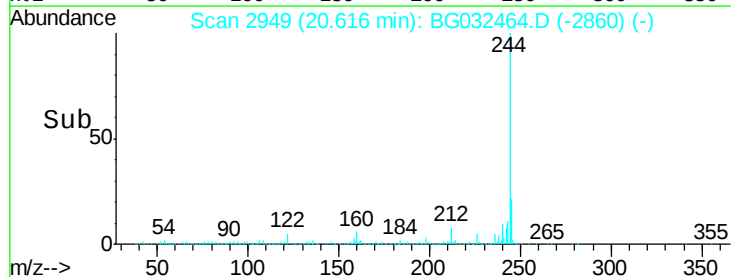
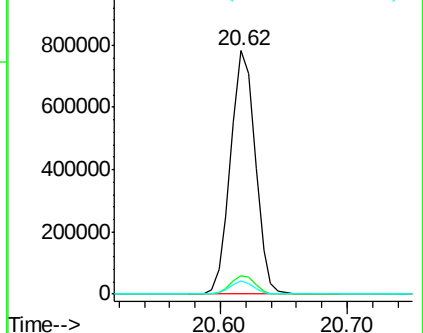
122 5.3 7.0 10.4#

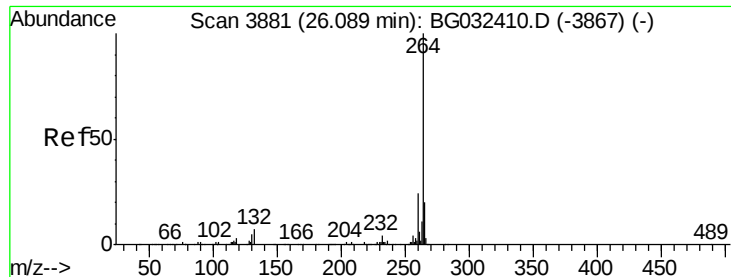


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.09 min Scan# 3881
Delta R.T. 0.00 min
Lab File: BG032464.D
Acq: 31 Jan 2018 14:13

Instrument :
BNA_G
ClientSampleId :
MW-07

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.4	26.0
265	21.5	17.7	26.5

