

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032718\
 Data File : BG033373.D
 Acq On : 27 Mar 2018 22:05
 Operator : SJ/JU
 Sample : J2054-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-02-20180323-DEP

Quant Time: Mar 28 08:36:58 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 15:11:46 2018
 Response via : Initial Calibration

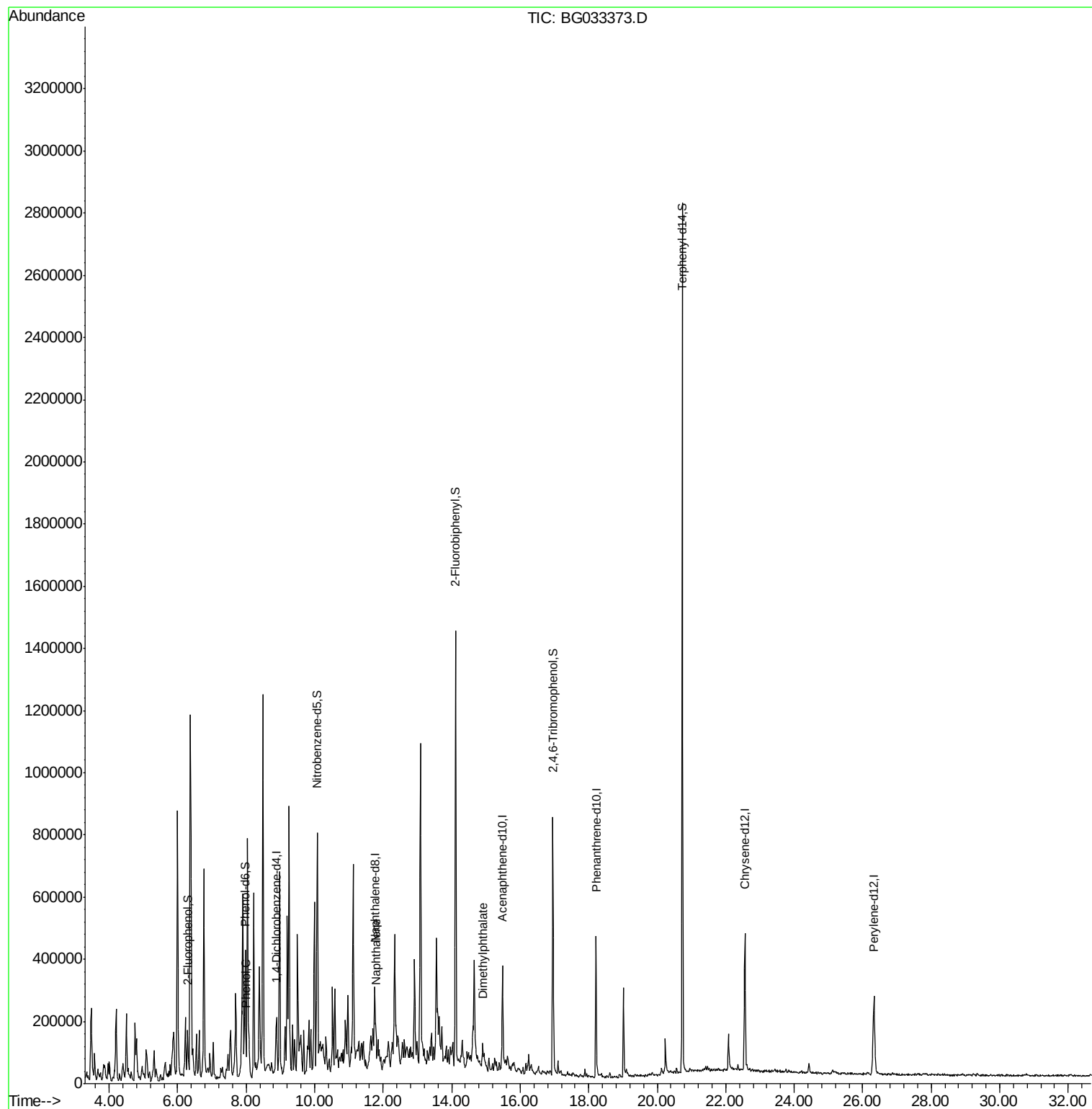
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	38351	20.00	ng	-0.03
21) Naphthalene-d8	11.75	136	162349	20.00	ng	-0.03
38) Acenaphthene-d10	15.48	164	124998	20.00	ng	-0.03
63) Phenanthrene-d10	18.21	188	314422	20.00	ng	-0.02
75) Chrysene-d12	22.56	240	327388	20.00	ng	-0.04
86) Perylene-d12	26.33	264	353319	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	73014	35.70	ng	-0.02
7) Phenol-d6	7.98	99	64925	18.48	ng	-0.02
23) Nitrobenzene-d5	10.07	82	314141	88.90	ng	-0.02
41) 2,4,6-Tribromophenol	16.96	330	176299	94.30	ng	-0.03
44) 2-Fluorobiphenyl	14.11	172	798137	92.18	ng	-0.02
78) Terphenyl-d14	20.73	244	1414251	92.38	ng	-0.02
Target Compounds						
10) Phenol	8.00	94	8851	2.551	ng	# 64
31) Naphthalene	11.80	128	24465	2.908	ng	# 77
49) Dimethylphthalate	14.91	163	49815	4.579	ng	# 92

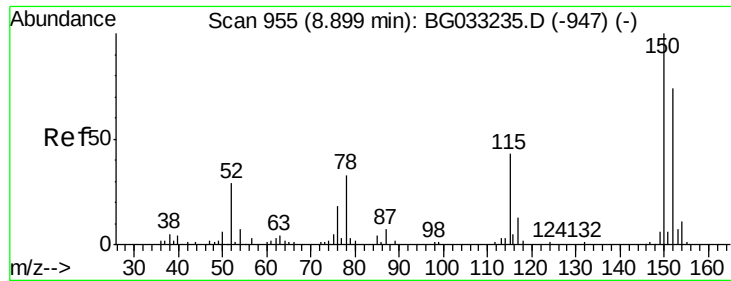
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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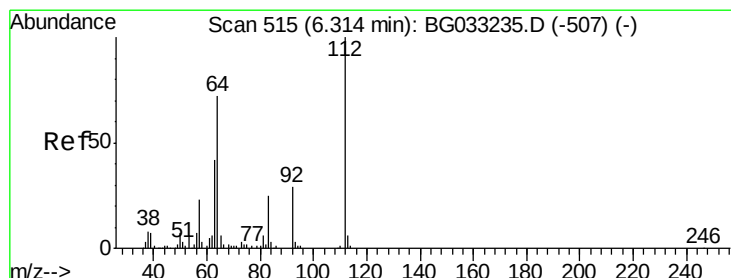
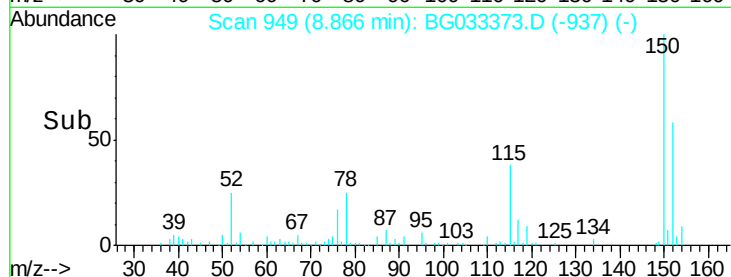
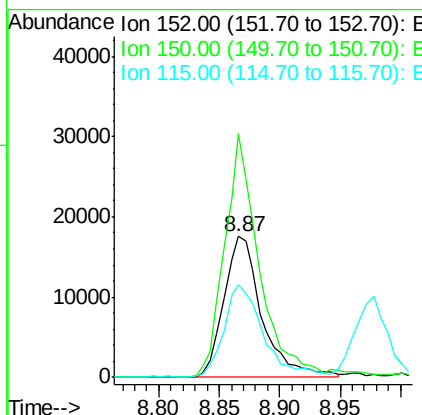
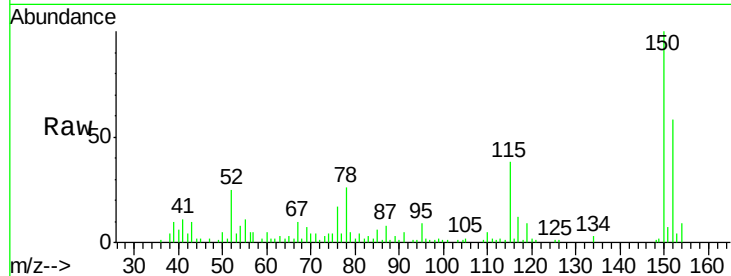


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.87 min Scan# 949
 Delta R.T. -0.03 min
 Lab File: BG033373.D
 Acq: 27 Mar 2018 22:05

Instrument :
 BNA_G
 ClientSampleId :
 MW-02-20180323-DEP

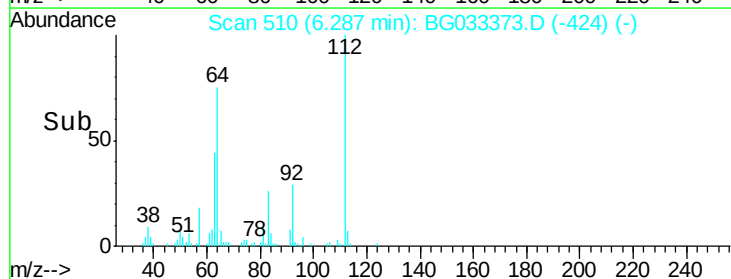
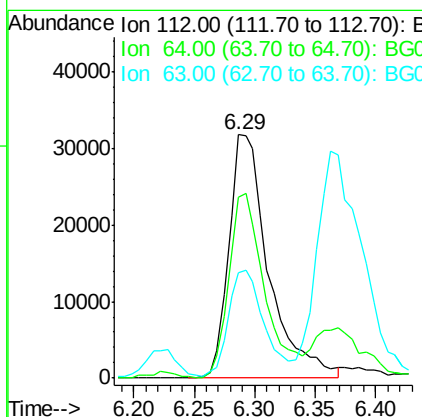
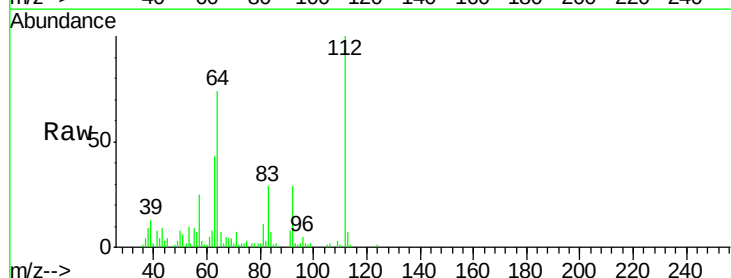
Tot Ion:152 Resp: 38351
 Ion Ratio Lower Upper
 152 100
 150 172.8 126.6 189.8
 115 66.0 53.0 79.4

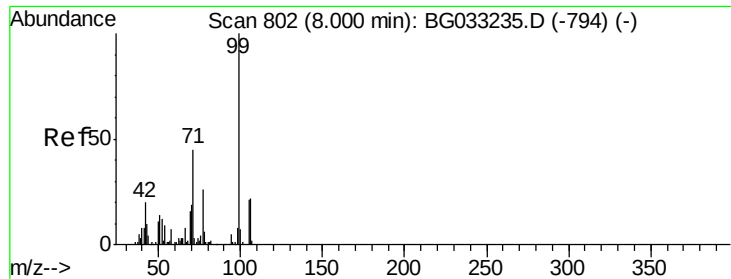


#5

2-Fluorophenol
 Concen: 35.699 ng
 RT: 6.29 min Scan# 510
 Delta R.T. -0.02 min
 Lab File: BG033373.D
 Acq: 27 Mar 2018 22:05

Tgt Ion:112 Resp: 73014
 Ion Ratio Lower Upper
 112 100
 64 74.2 56.3 84.5
 63 43.3 30.1 45.1





#7

Phenol-d6

Concen: 18.475 ng

RT: 7.98 min Scan# 798

Delta R.T. -0.02 min

Lab File: BG033373.D

Acq: 27 Mar 2018 22:05

Instrument :

BNA_G

ClientSampleId :

MW-02-20180323-DEP

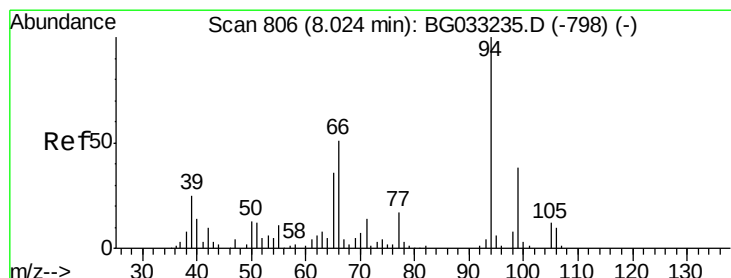
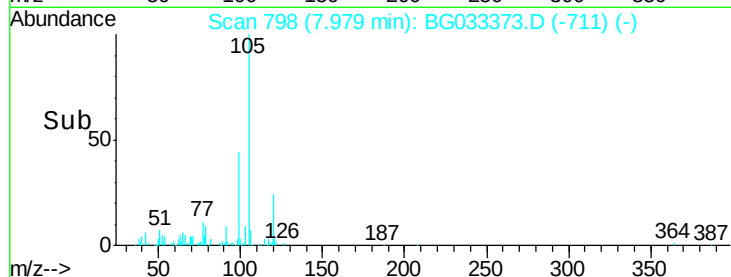
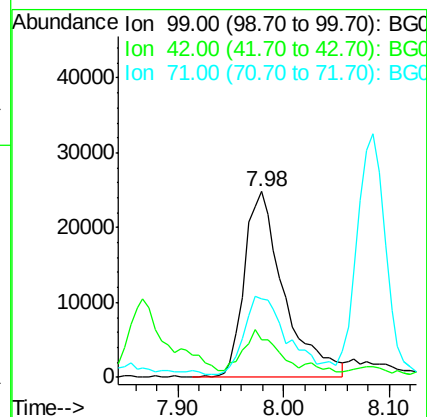
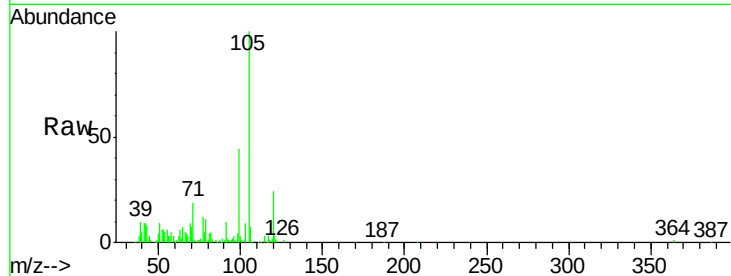
Tot Ion: 99 Resp: 64925

Ion Ratio Lower Upper

99 100

42 20.3 14.1 21.1

71 42.5 26.1 39.1#



#10

Phenol

Concen: 2.551 ng

RT: 8.00 min Scan# 802

Delta R.T. -0.02 min

Lab File: BG033373.D

Acq: 27 Mar 2018 22:05

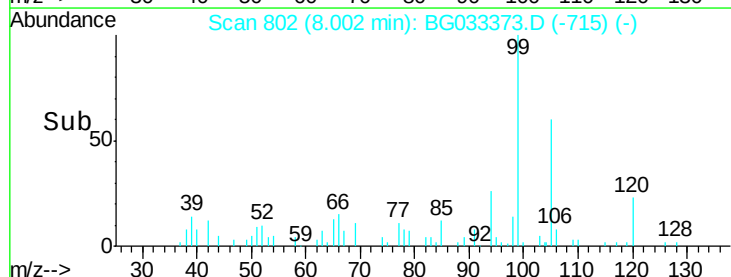
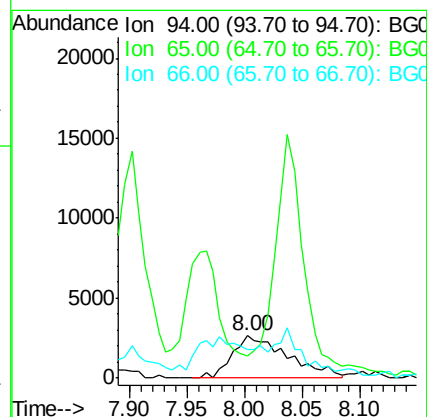
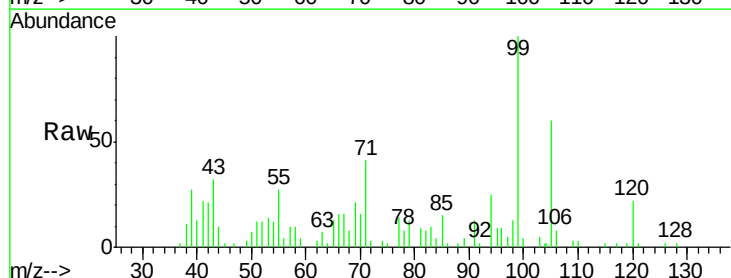
Tgt Ion: 94 Resp: 8851

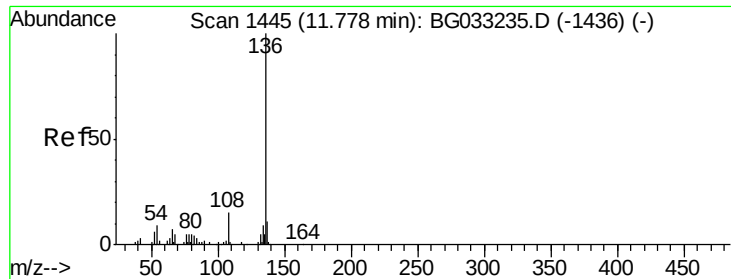
Ion Ratio Lower Upper

94 100

65 51.2 11.9 51.9

66 66.0 22.2 62.2#

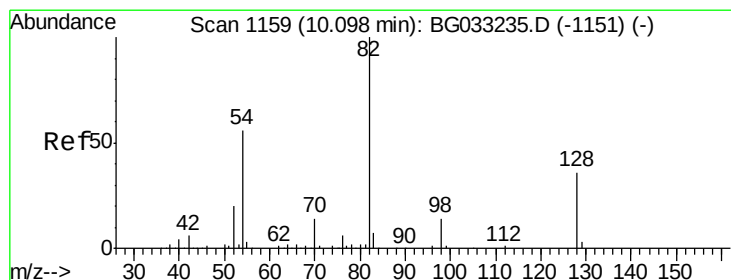
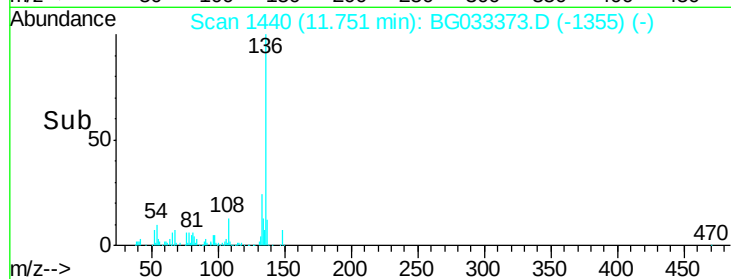
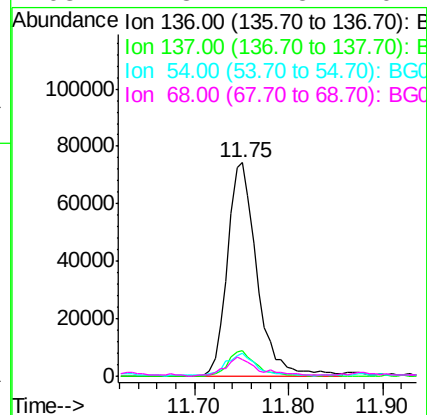
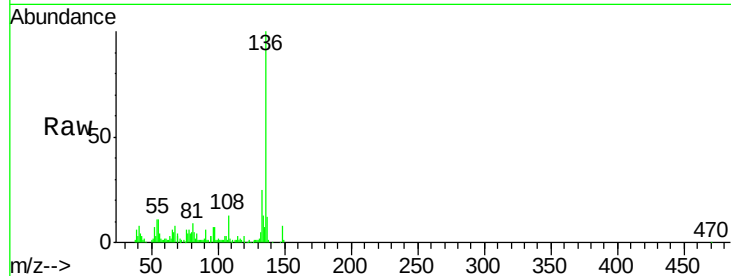




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1440
Delta R.T. -0.03 min
Lab File: BG033373.D
Acq: 27 Mar 2018 22:05

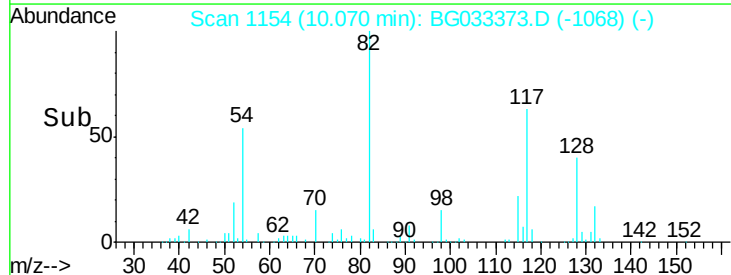
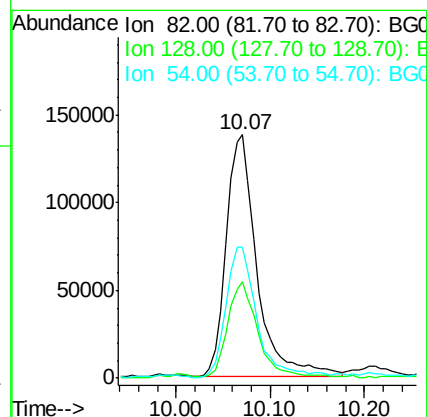
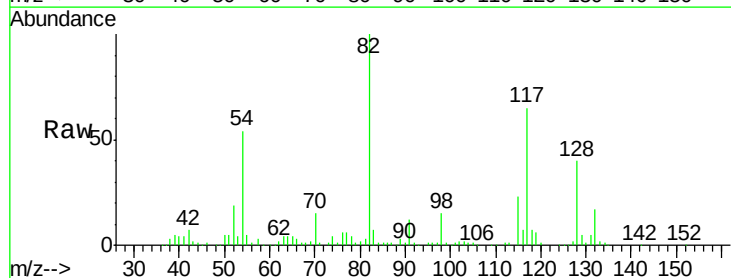
Instrument :
BNA_G
ClientSampleId :
MW-02-20180323-DEP

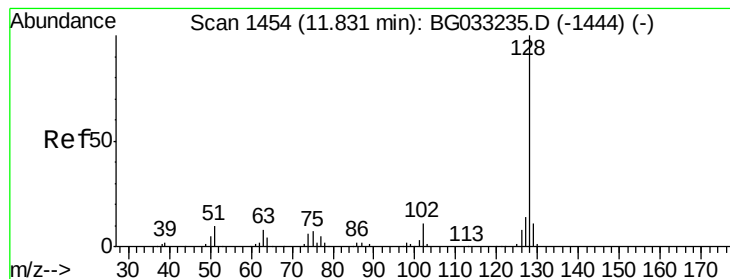
Tot Ion:136	Resp:	162349
Ion Ratio	Lower	Upper
136 100		
137 11.9	9.2	13.8
54 11.0	10.3	15.5
68 7.8	4.5	6.7#



#23
Nitrobenzene-d5
Concen: 88.901 ng
RT: 10.07 min Scan# 1154
Delta R.T. -0.02 min
Lab File: BG033373.D
Acq: 27 Mar 2018 22:05

Tgt Ion: 82	Resp: 314141
Ion Ratio	Lower Upper
82 100	
128 39.7	29.7 44.5
54 54.0	43.1 64.7





#31

Naphthalene

Concen: 2.908 ng

RT: 11.80 min Scan# 1448

Delta R.T. -0.03 min

Lab File: BG033373.D

Acq: 27 Mar 2018 22:05

Instrument :

BNA_G

ClientSampleId :

MW-02-20180323-DEP

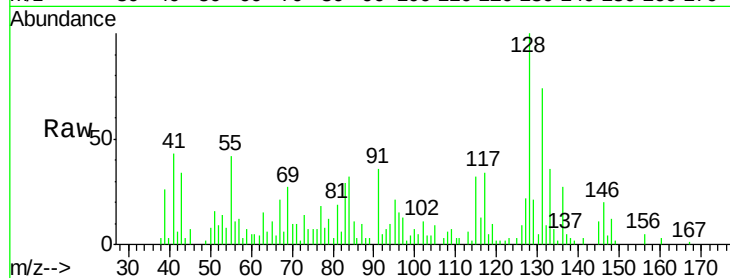
Tot Ion:128 Resp: 24465

Ion Ratio Lower Upper

128 100

129 21.3 8.6 12.8#

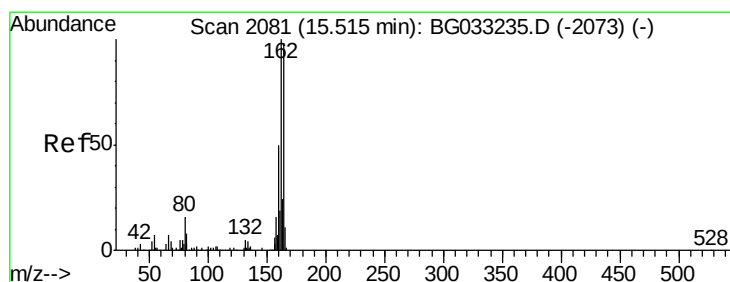
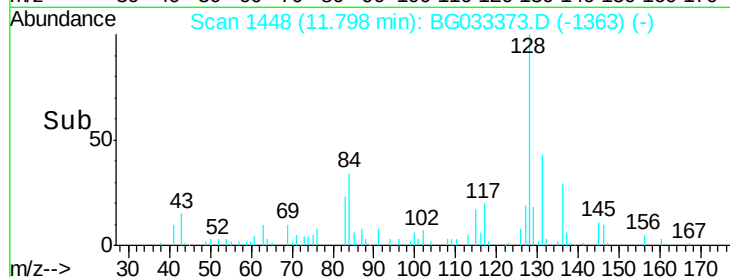
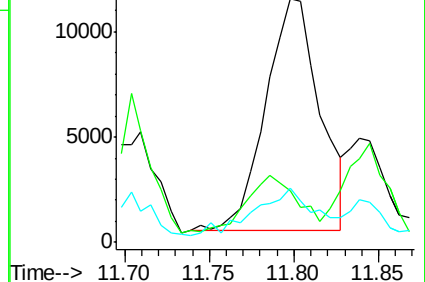
127 22.4 11.6 17.4#



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.48 min Scan# 2075

Delta R.T. -0.03 min

Lab File: BG033373.D

Acq: 27 Mar 2018 22:05

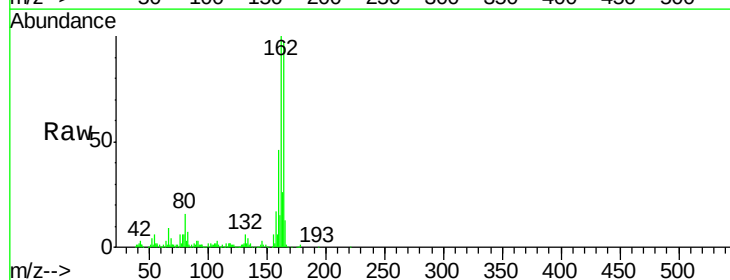
Tgt Ion:164 Resp: 124998

Ion Ratio Lower Upper

164 100

162 103.2 78.8 118.2

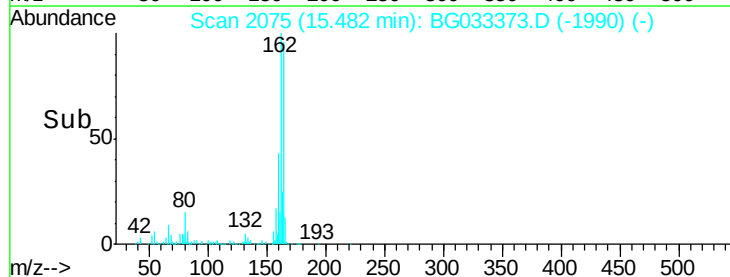
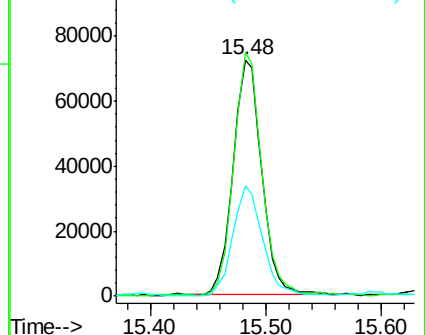
160 47.0 35.4 53.0

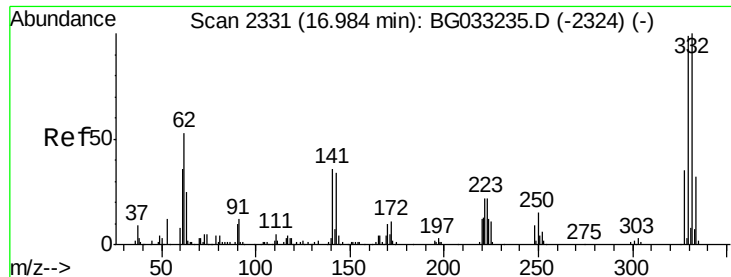


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

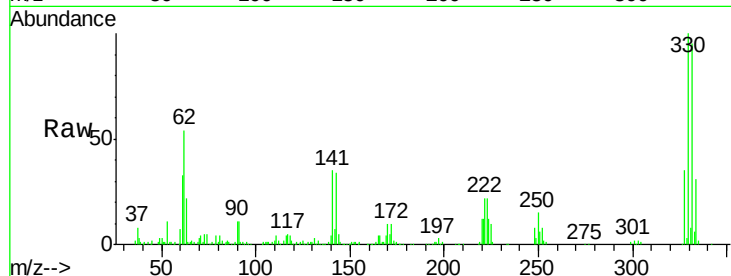




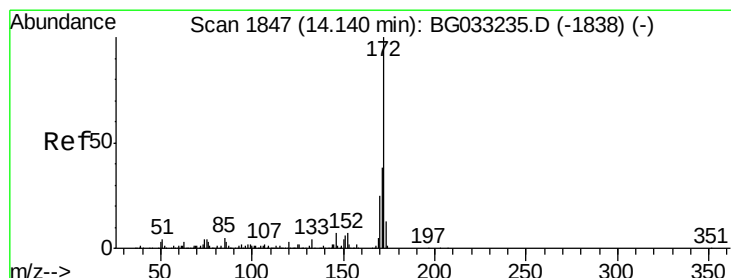
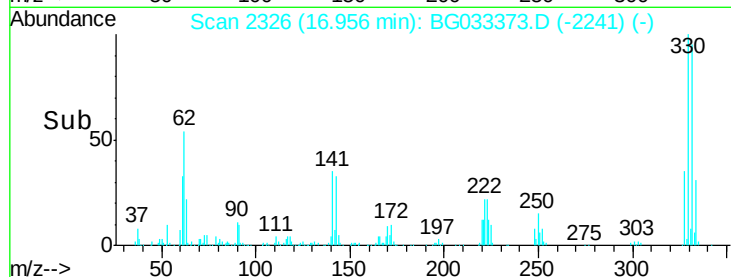
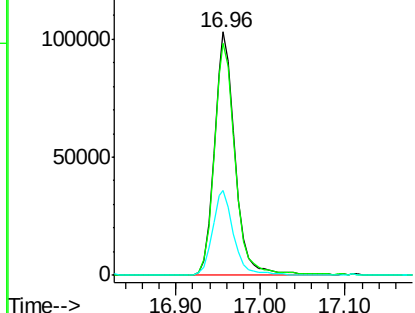
#41
 2,4,6-Tribromophenol
 Concen: 94.303 ng
 RT: 16.96 min Scan# 2326
 Delta R.T. -0.03 min
 Lab File: BG033373.D
 Acq: 27 Mar 2018 22:05

Instrument :
 BNA_G
 ClientSampleId :
 MW-02-20180323-DEP

Tot Ion:330 Resp: 176299
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.0 115.6
 141 36.1 25.2 37.8

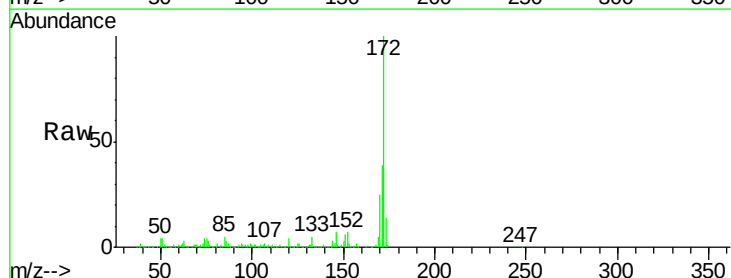


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

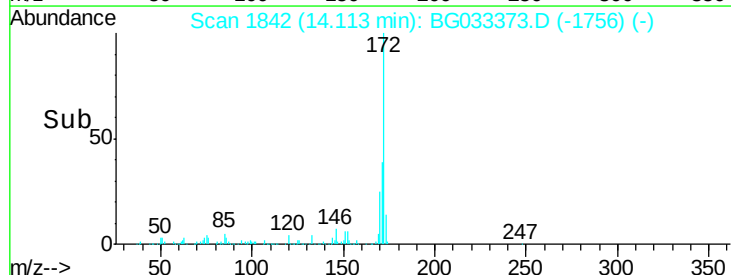
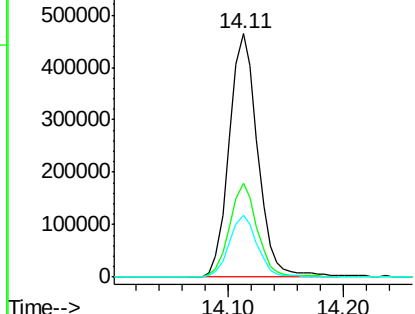


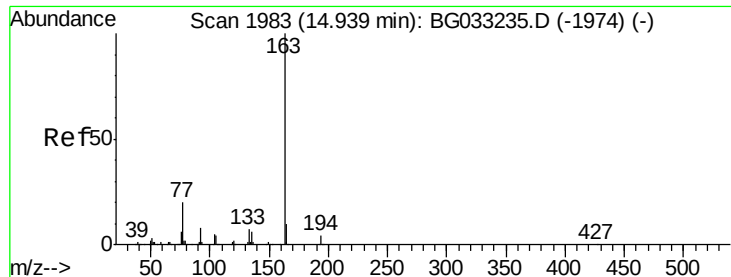
#44
 2-Fluorobiphenyl
 Concen: 92.179 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.02 min
 Lab File: BG033373.D
 Acq: 27 Mar 2018 22:05

Tgt Ion:172 Resp: 798137
 Ion Ratio Lower Upper
 172 100
 171 38.5 30.0 45.0
 170 25.5 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: 4.579 ng

RT: 14.91 min Scan# 1977

Delta R.T. -0.03 min

Lab File: BG033373.D

Acq: 27 Mar 2018 22:05

Instrument :

BNA_G

ClientSampleId :

MW-02-20180323-DEP

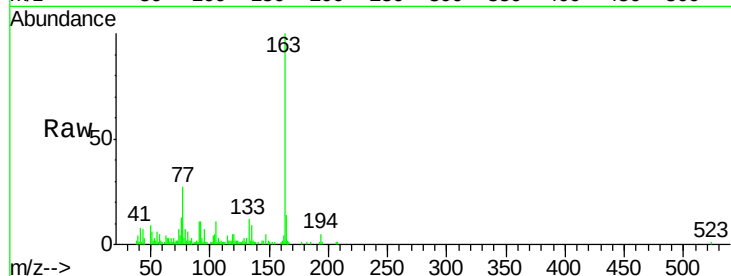
Tot Ion:163 Resp: 49815

Ion Ratio Lower Upper

163 100

194 5.3 3.4 5.2#

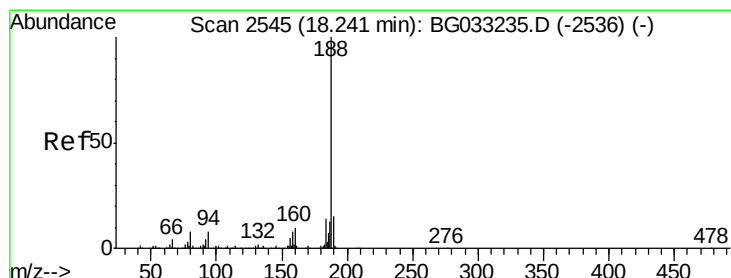
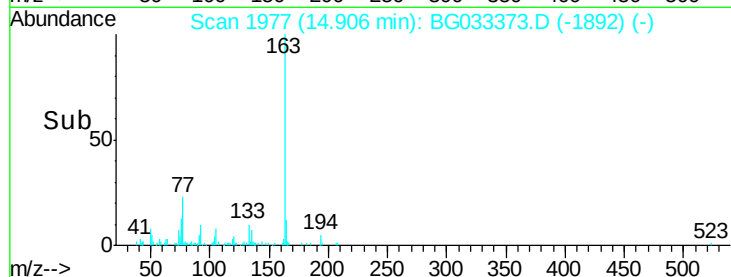
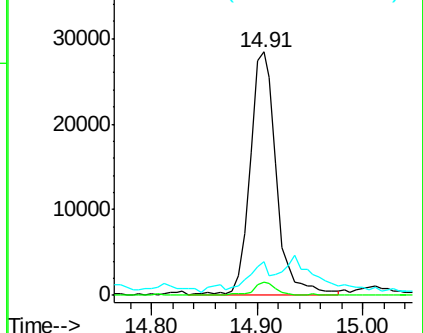
164 13.8 8.2 12.4#



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: 18.21 min Scan# 2540

Delta R.T. -0.02 min

Lab File: BG033373.D

Acq: 27 Mar 2018 22:05

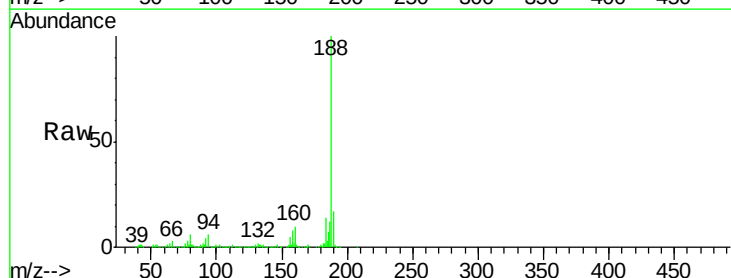
Tgt Ion:188 Resp: 314422

Ion Ratio Lower Upper

188 100

94 6.4 6.9 10.3#

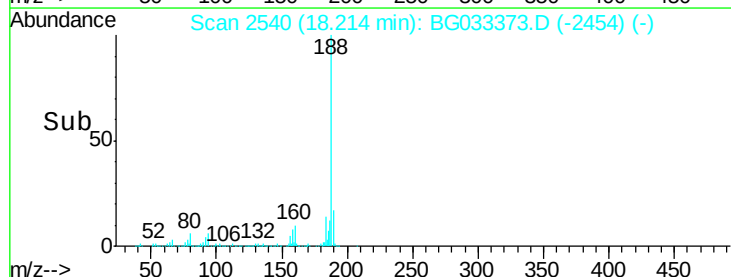
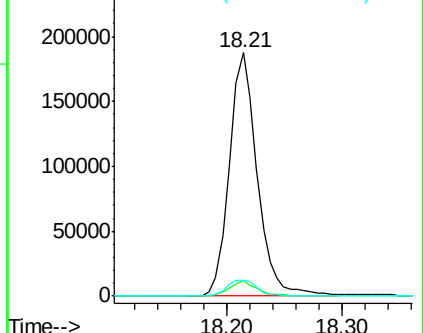
80 6.4 7.7 11.5#

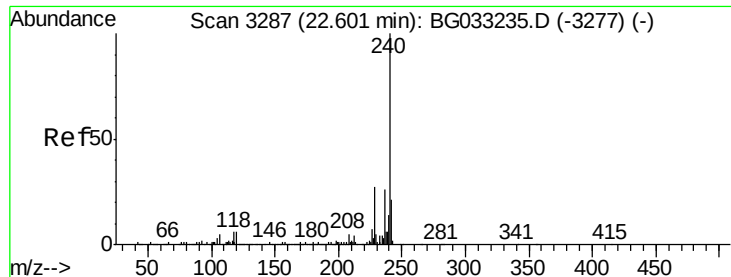


Abundance Ion 188.00 (187.70 to 188.70): E

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: 22.56 min Scan# 3280

Delta R.T. -0.04 min

Lab File: BG033373.D

Acq: 27 Mar 2018 22:05

Instrument :

BNA_G

ClientSampleId :

MW-02-20180323-DEP

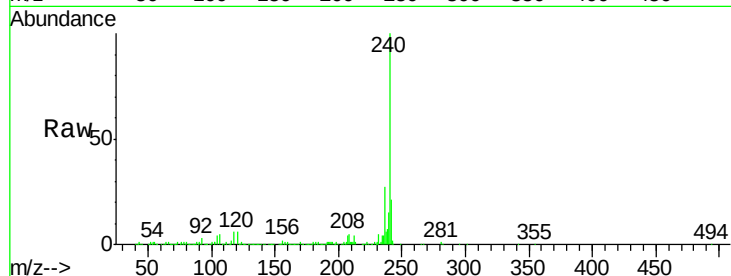
Tot Ion:240 Resp: 327388

Ion Ratio Lower Upper

240 100

120 6.0 6.8 10.2#

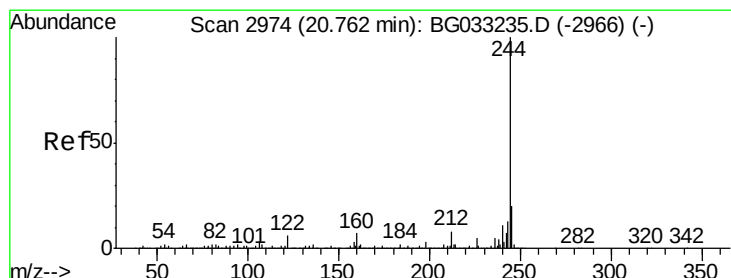
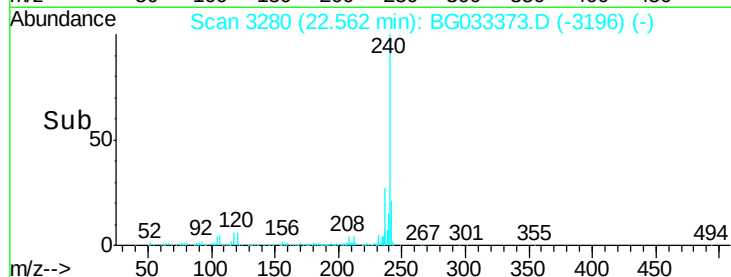
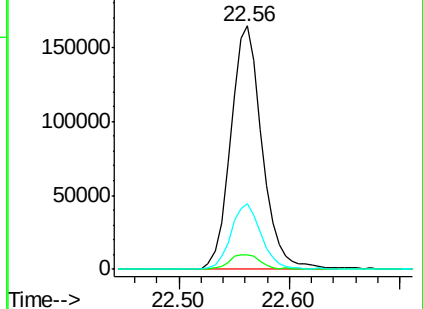
236 27.0 20.9 31.3



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: 92.384 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.02 min

Lab File: BG033373.D

Acq: 27 Mar 2018 22:05

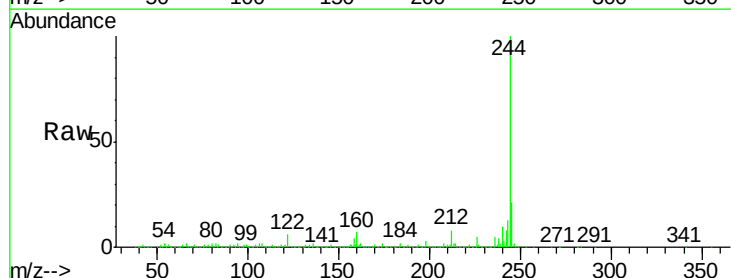
Tgt Ion:244 Resp: 1414251

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

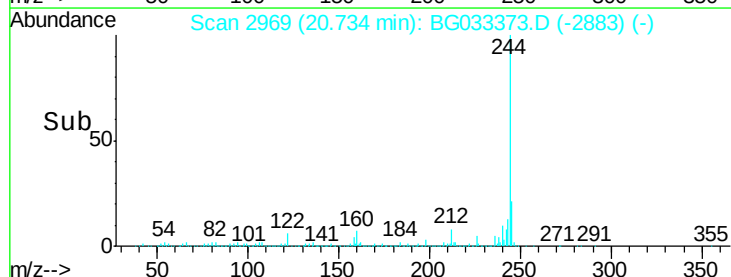
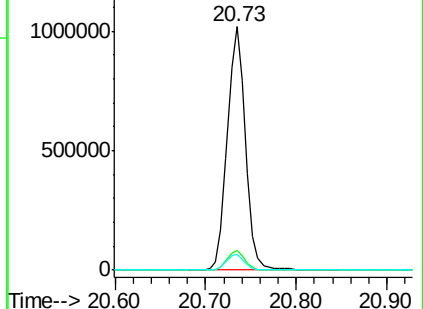
122 6.3 7.0 10.4#

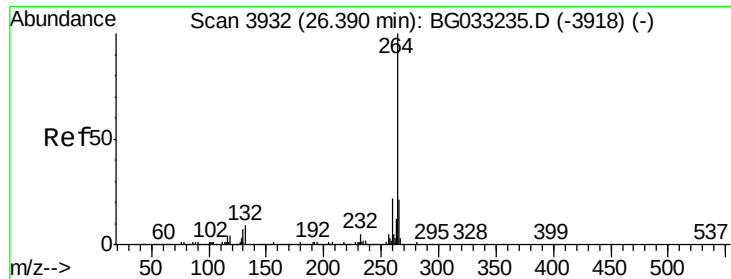


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

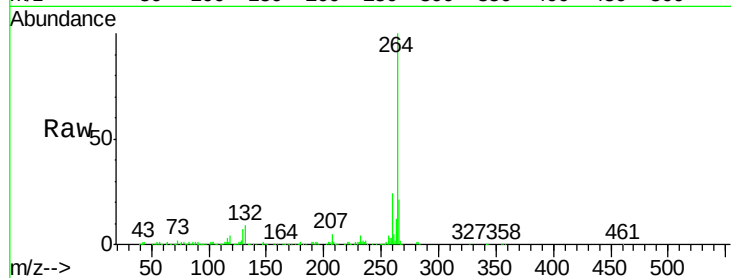




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.33 min Scan# 3921
Delta R.T. -0.06 min
Lab File: BG033373.D
Acq: 27 Mar 2018 22:05

Instrument :
BNA_G
ClientSampleId :
MW-02-20180323-DEP

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.4	26.0
265	21.0	17.7	26.5



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

