

Data Path : Z:\HPCHEM1\BNA G\DATA\BG033018\
 Data File : BG033462.D
 Acq On : 30 Mar 2018 23:54
 Operator : SJ/JU
 Sample : J1761-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 31 01:25:37 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 18:34:58 2018
 Response via : Initial Calibration

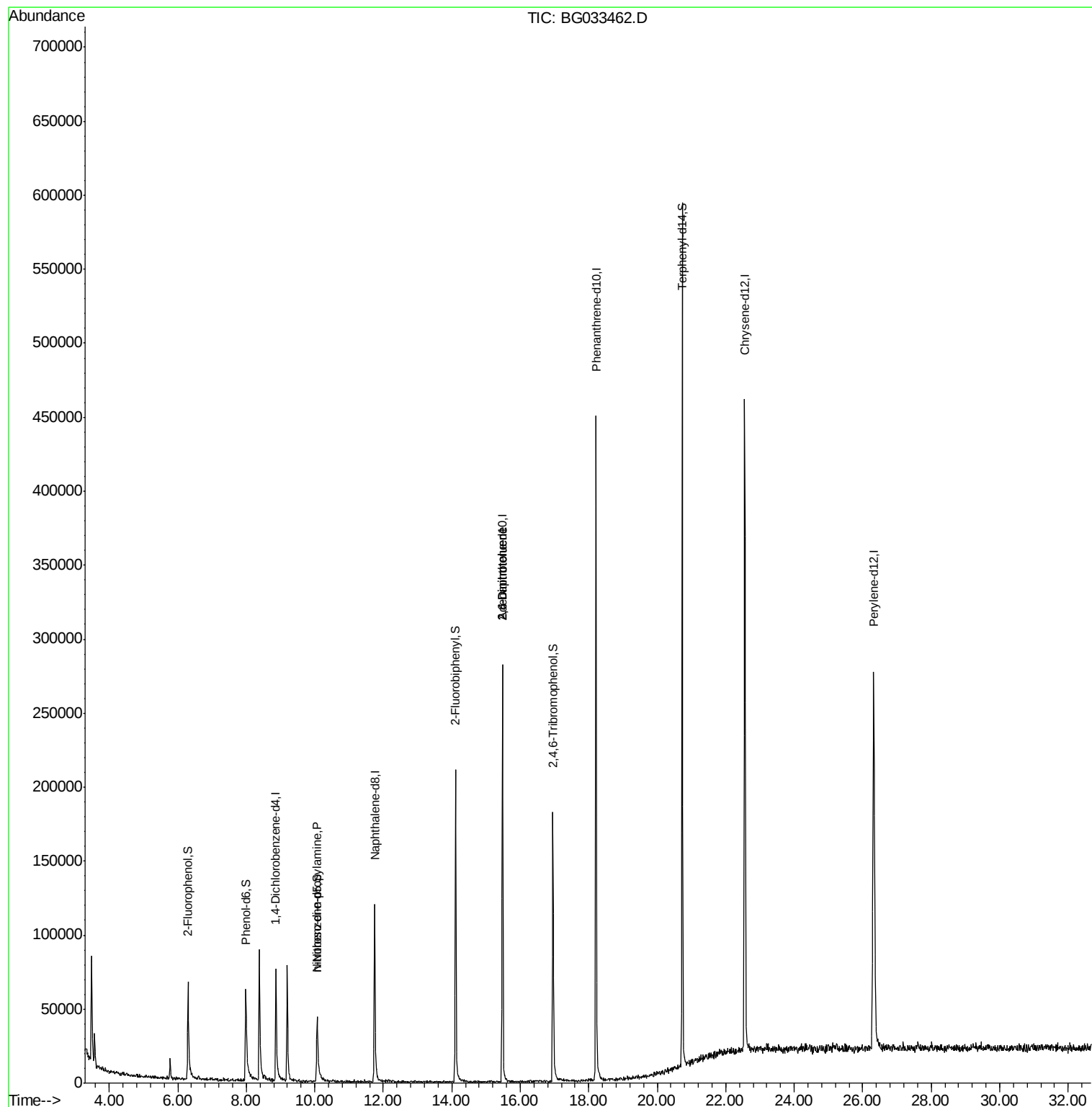
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	29484	20.00	ng	0.00
21) Naphthalene-d8	11.75	136	126027	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	105712	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	318891	20.00	ng	0.00
75) Chrysene-d12	22.55	240	329340	20.00	ng	0.00
86) Perylene-d12	26.32	264	351068	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	37102	23.60	ng	0.00
7) Phenol-d6	7.99	99	58175	21.53	ng	0.00
23) Nitrobenzene-d5	10.07	82	44933	16.38	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	43925	27.78	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	131386	17.94	ng	0.00
78) Terphenyl-d14	20.73	244	327330	21.26	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	10.08	70	4100	2.071	ng	# 58
50) 2,6-Dinitrotoluene	15.48	165	13687	7.276	ng	# 22
56) 2,4-Dinitrotoluene	15.48	165	13687	4.942	ng	# 20

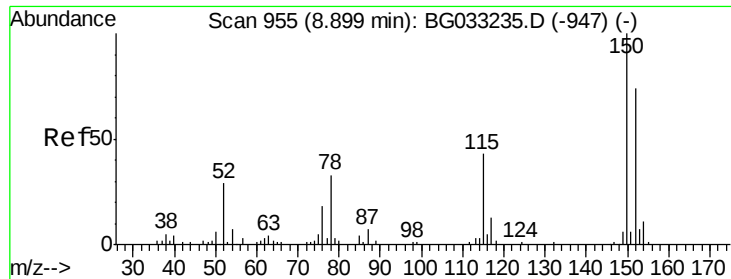
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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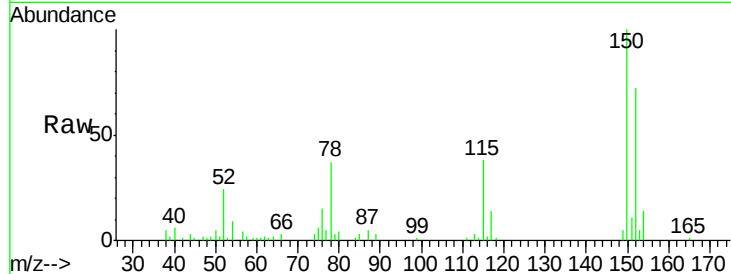


#1

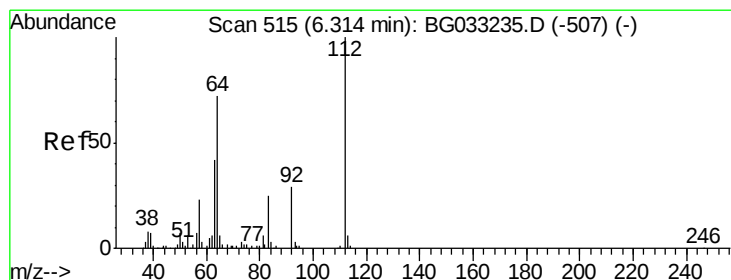
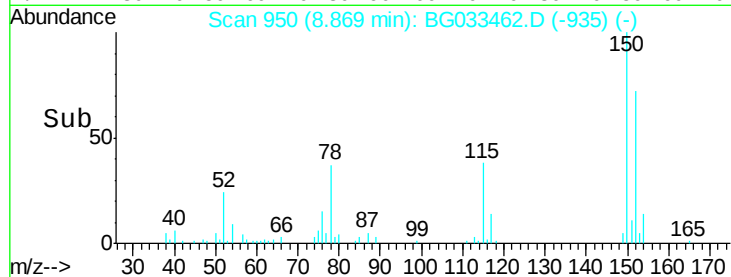
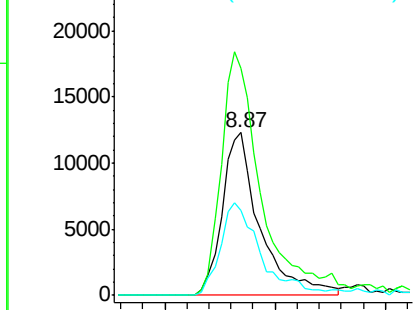
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG033462.D
Acq: 30 Mar 2018 23:54

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	139.1	126.6	189.8
115	52.3	53.0	79.4



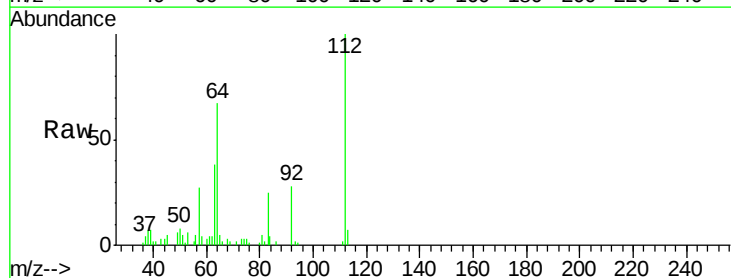
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



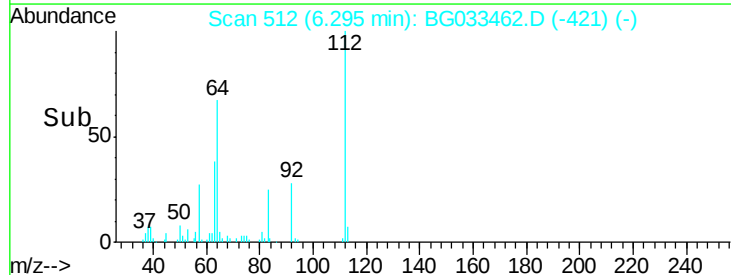
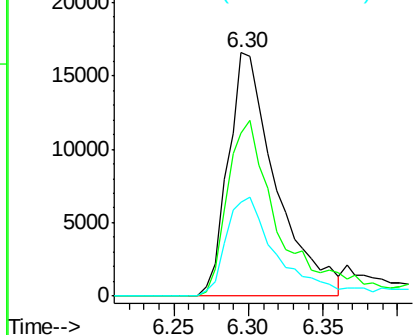
#5

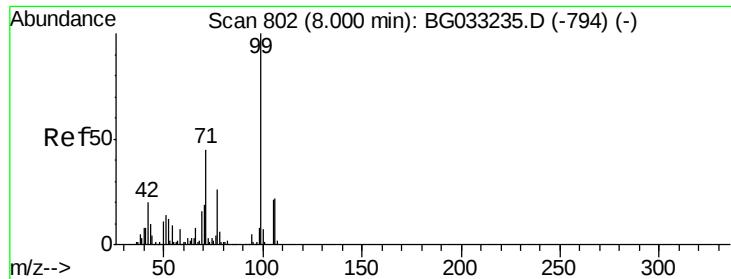
2-Fluorophenol
Concen: 23.596 ng
RT: 6.30 min Scan# 512
Delta R.T. 0.00 min
Lab File: BG033462.D
Acq: 30 Mar 2018 23:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.9	56.3	84.5
63	38.3	30.1	45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 21.533 ng

RT: 7.99 min Scan# 800

Delta R.T. 0.01 min

Lab File: BG033462.D

Acq: 30 Mar 2018 23:54

Instrument :

BNA_G

ClientSampleId :

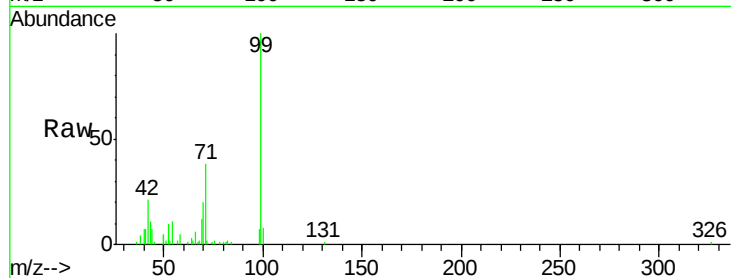
Tot Ion: 99 Resp: 58175

Ion Ratio Lower Upper

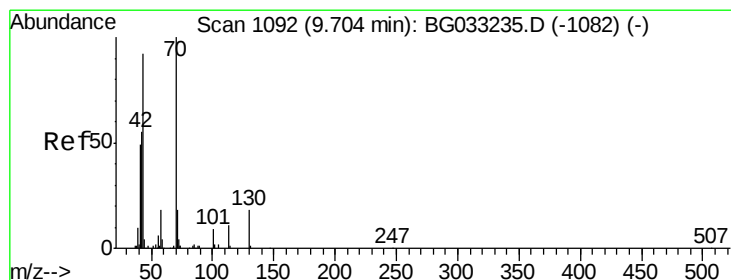
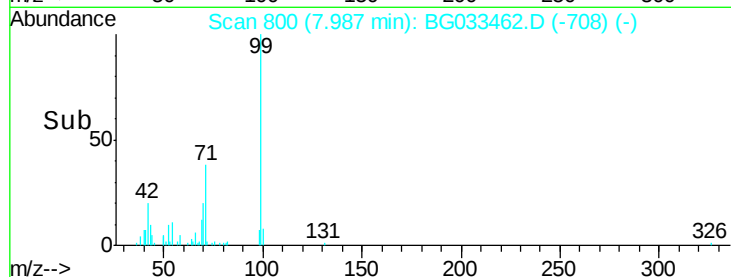
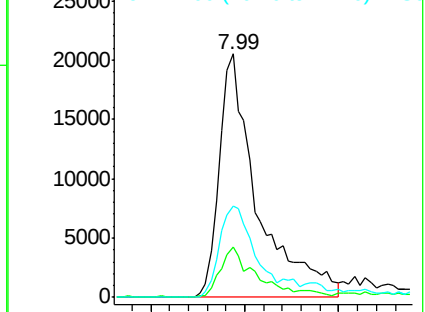
99 100

42 20.9 14.1 21.1

71 37.6 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



#19

n-Nitroso-di-n-propylamine

Concen: 2.071 ng

RT: 10.08 min Scan# 1156

Delta R.T. 0.40 min

Lab File: BG033462.D

Acq: 30 Mar 2018 23:54

Tgt Ion: 70 Resp: 4100

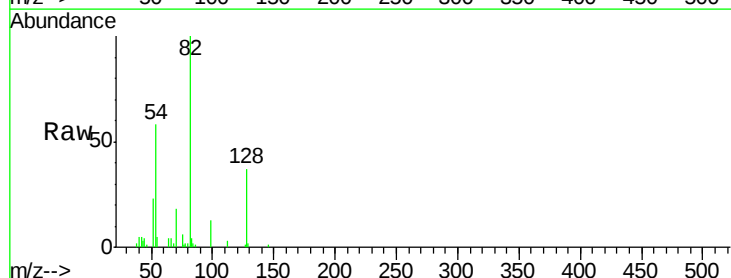
Ion Ratio Lower Upper

70 100

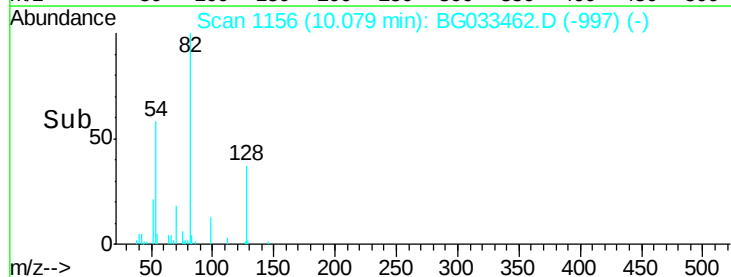
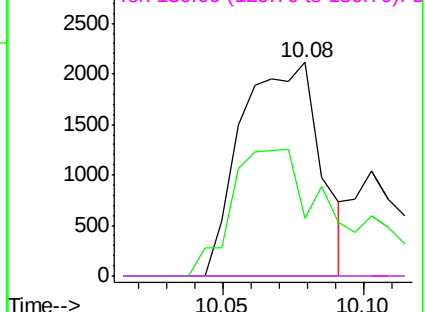
42 26.7 49.1 73.7#

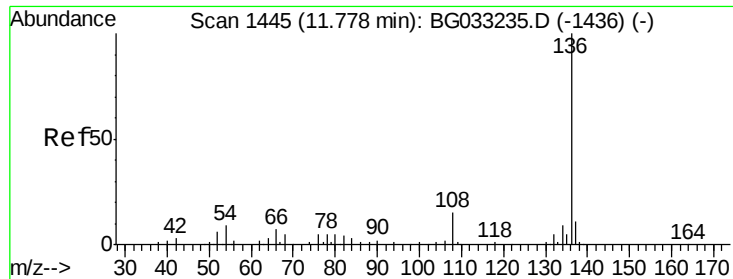
101 0.0 8.5 12.7#

130 0.0 13.4 20.0#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

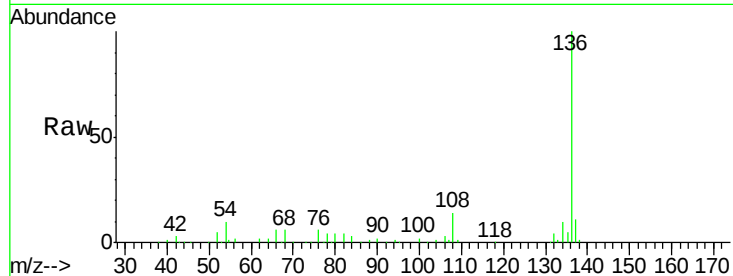




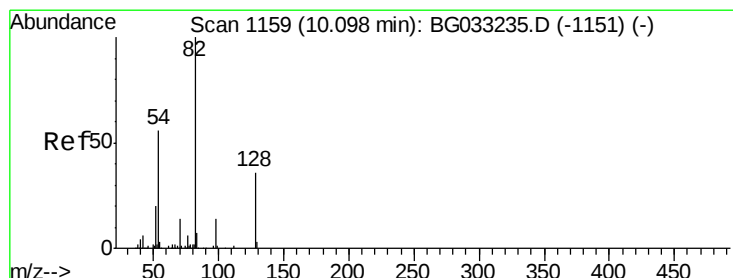
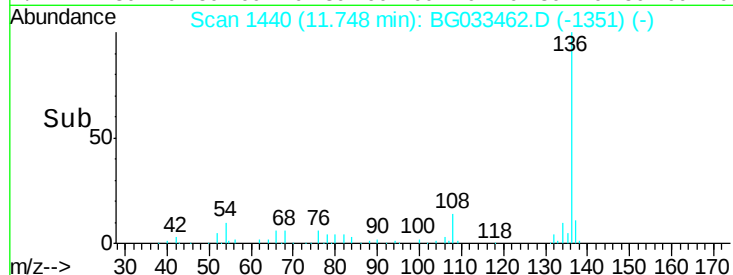
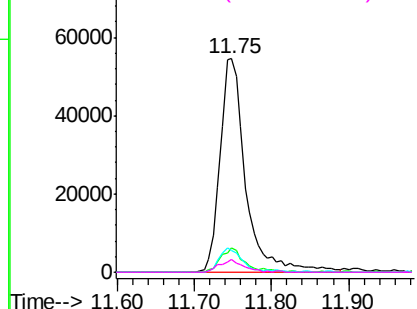
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BG033462.D
Acq: 30 Mar 2018 23:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	126027
Ion	Ratio	Lower Upper
136	100	
137	11.3	9.2 13.8
54	11.0	10.3 15.5
68	5.9	4.5 6.7

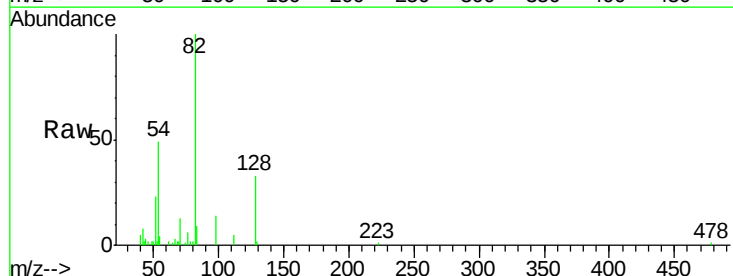


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

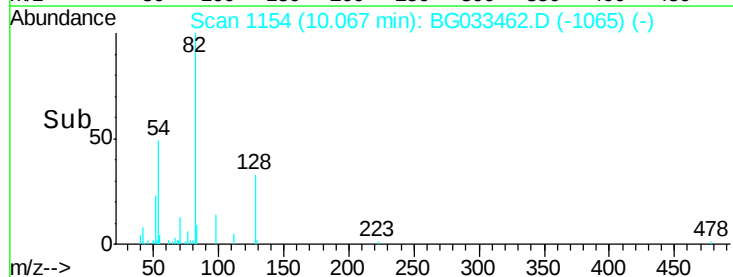
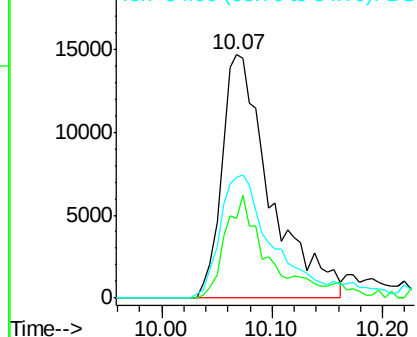


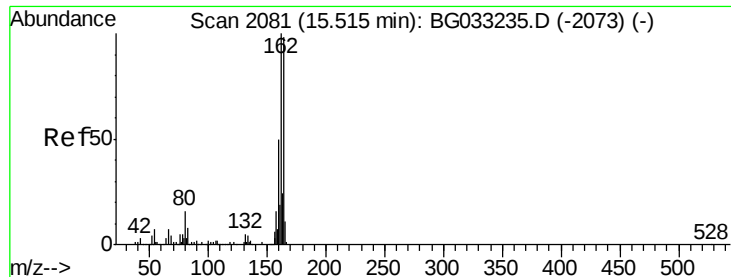
#23
Nitrobenzene-d5
Concen: 16.381 ng
RT: 10.07 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BG033462.D
Acq: 30 Mar 2018 23:54

Tgt Ion: 82	Resp:	44933
Ion	Ratio	Lower Upper
82	100	
128	32.8	29.7 44.5
54	49.4	43.1 64.7



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.48 min Scan# 2075

Delta R.T. -0.01 min

Lab File: BG033462.D

Acq: 30 Mar 2018 23:54

Instrument :

BNA_G

ClientSampleId :

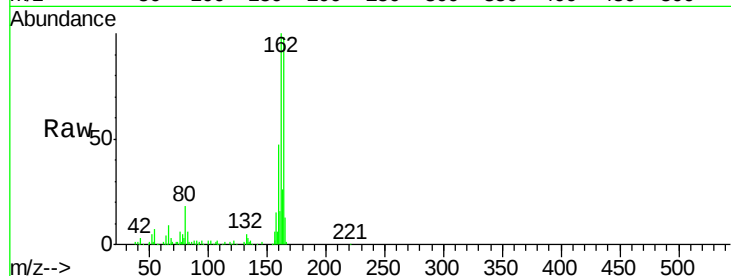
Tot Ion:164 Resp: 105712

Ion Ratio Lower Upper

164 100

162 102.3 78.8 118.2

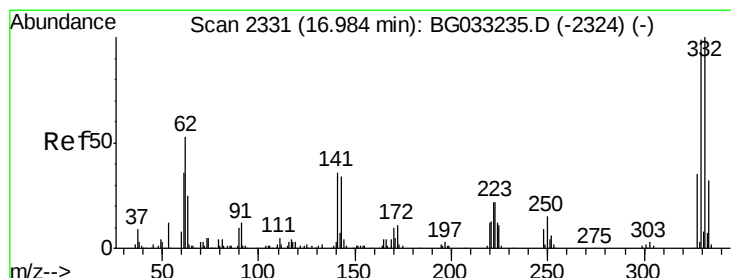
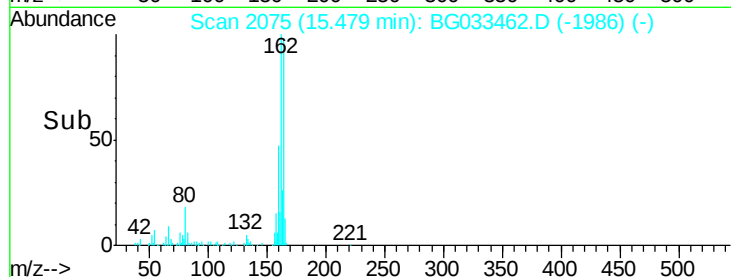
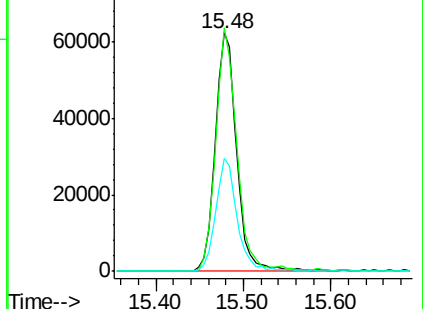
160 47.8 35.4 53.0



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: 27.782 ng

RT: 16.95 min Scan# 2326

Delta R.T. -0.00 min

Lab File: BG033462.D

Acq: 30 Mar 2018 23:54

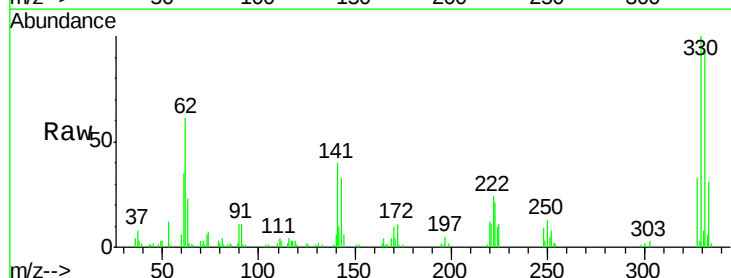
Tgt Ion:330 Resp: 43925

Ion Ratio Lower Upper

330 100

332 86.1 77.0 115.6

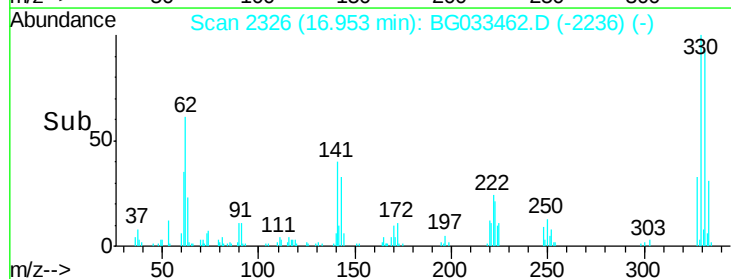
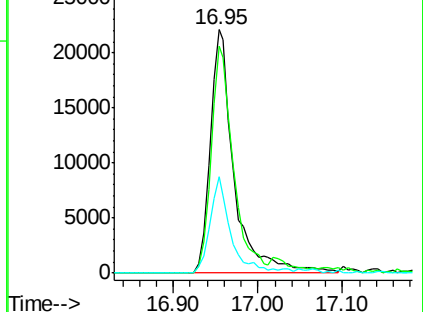
141 33.7 25.2 37.8



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

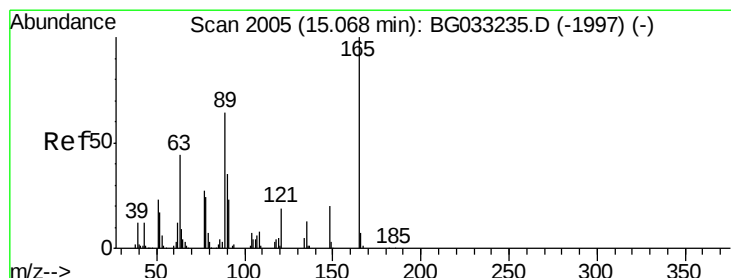
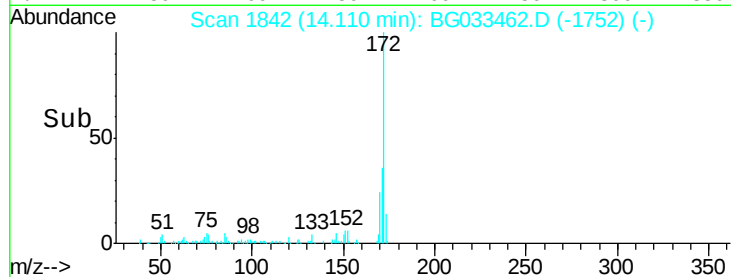
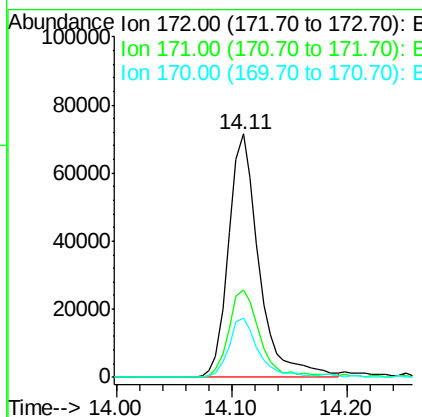
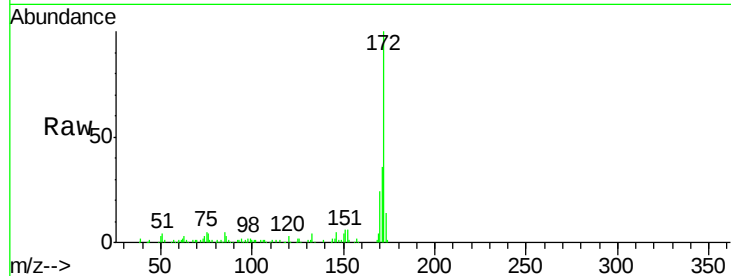




#44
2-Fluorobiphenyl
Concen: 17.942 ng
RT: 14.11 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BG033462.D
Acq: 30 Mar 2018 23:54

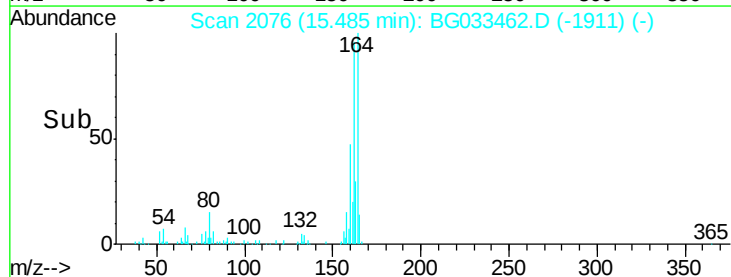
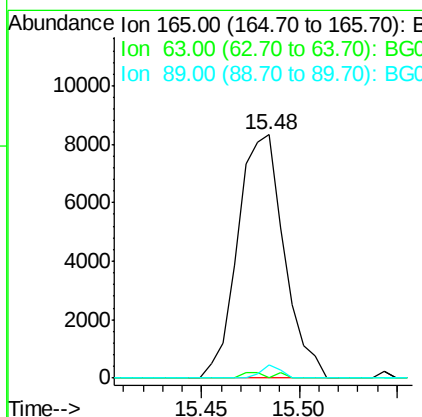
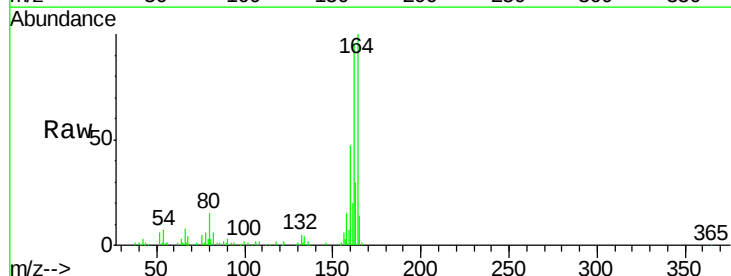
Instrument :
BNA_G
ClientSampleId :

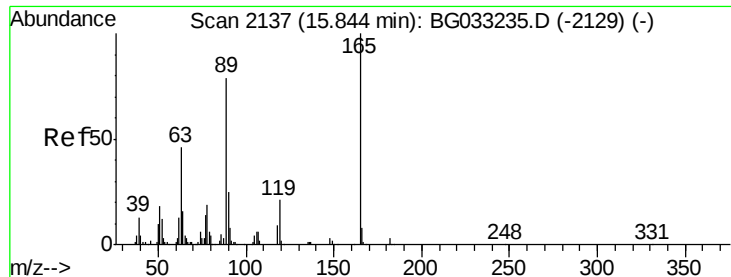
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	30.0	45.0
170	24.1	19.5	29.3



#50
2,6-Dinitrotoluene
Concen: 7.276 ng
RT: 15.48 min Scan# 2076
Delta R.T. 0.44 min
Lab File: BG033462.D
Acq: 30 Mar 2018 23:54

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	5.6	49.2	73.8#

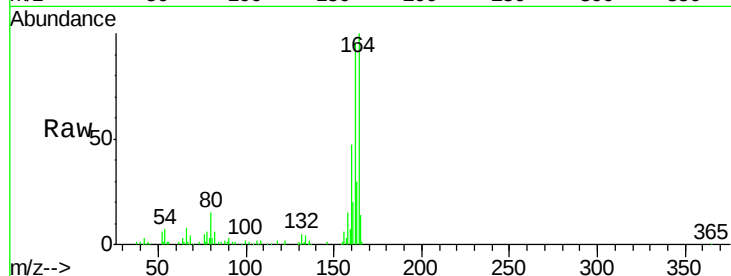




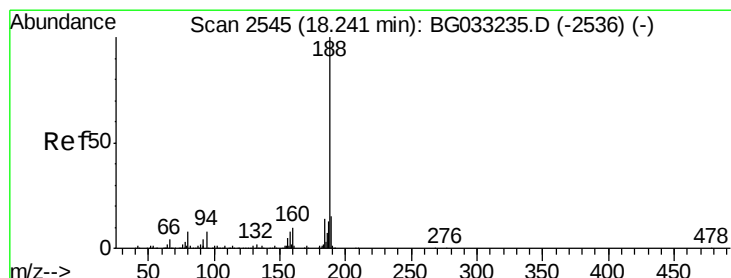
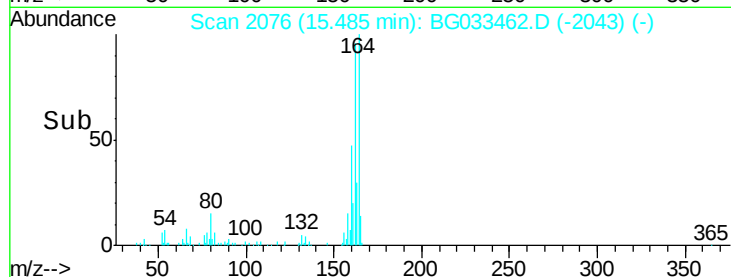
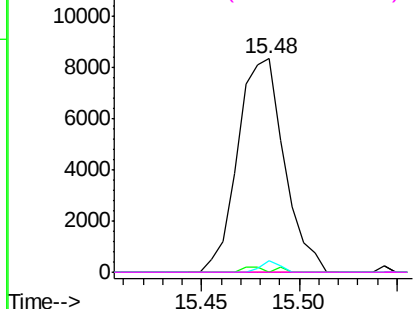
#56
2,4-Dinitrotoluene
Concen: 4.942 ng
RT: 15.48 min Scan# 2076
Delta R.T. -0.34 min
Lab File: BG033462.D
Acq: 30 Mar 2018 23:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 13687
Ion Ratio Lower Upper
165 100
63 0.0 42.0 63.0#
89 5.6 66.9 100.3#
182 0.0 2.6 3.8#

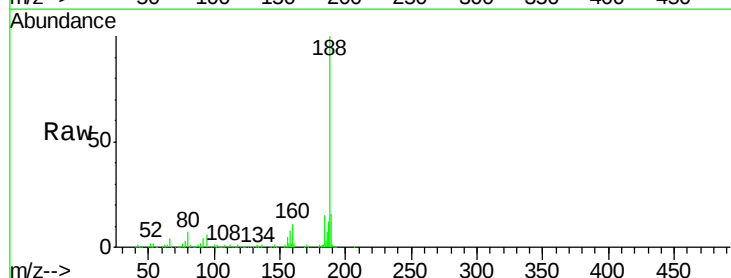


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

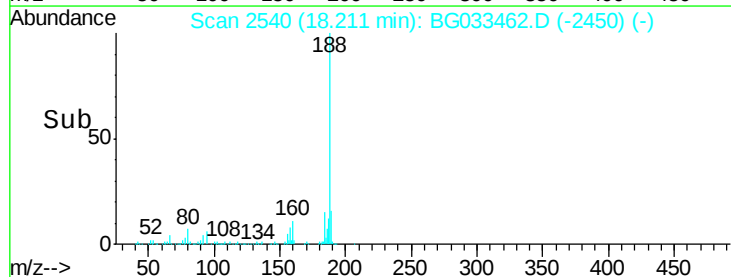
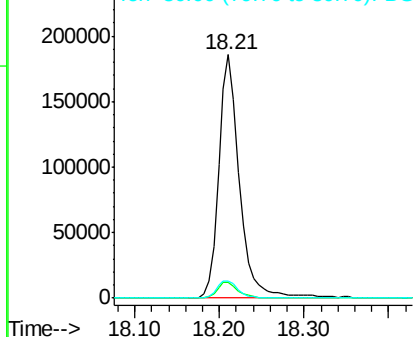


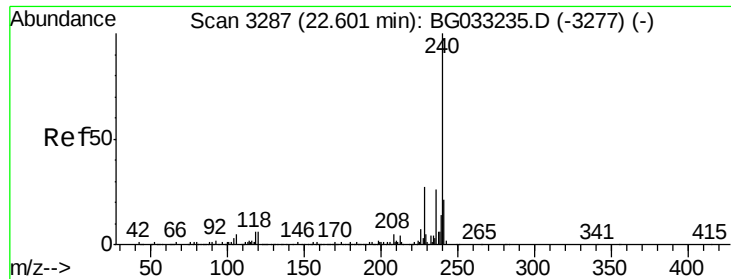
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. -0.00 min
Lab File: BG033462.D
Acq: 30 Mar 2018 23:54

Tgt Ion:188 Resp: 318891
Ion Ratio Lower Upper
188 100
94 6.3 6.9 10.3#
80 7.2 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: 22.55 min Scan# 3279

Delta R.T. -0.01 min

Lab File: BG033462.D

Acq: 30 Mar 2018 23:54

Instrument :

BNA_G

ClientSampleId :

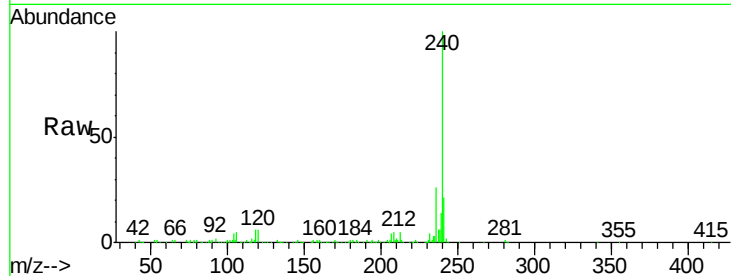
Tot Ion:240 Resp: 329340

Ion Ratio Lower Upper

240 100

120 6.2 6.8 10.2#

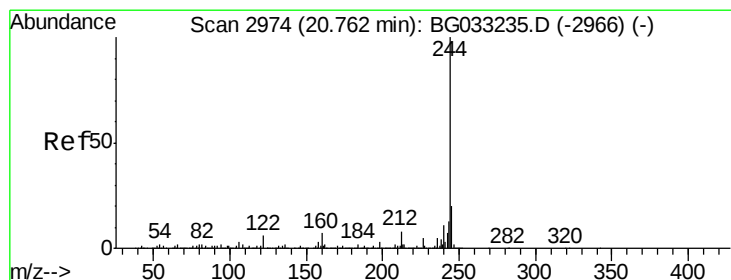
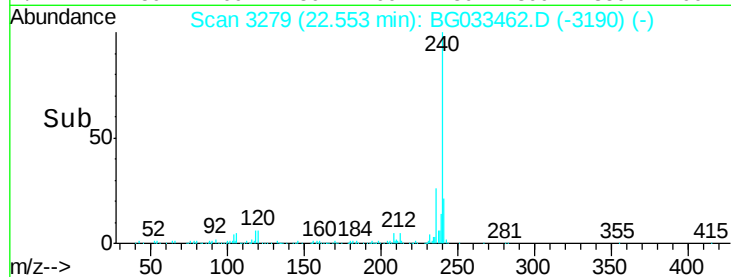
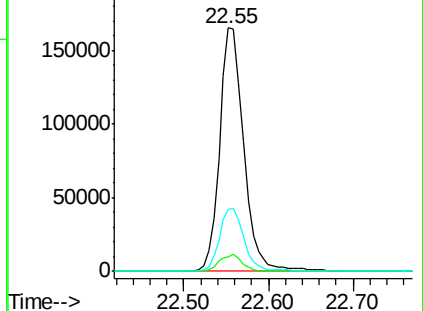
236 25.7 20.9 31.3



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: 21.256 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.01 min

Lab File: BG033462.D

Acq: 30 Mar 2018 23:54

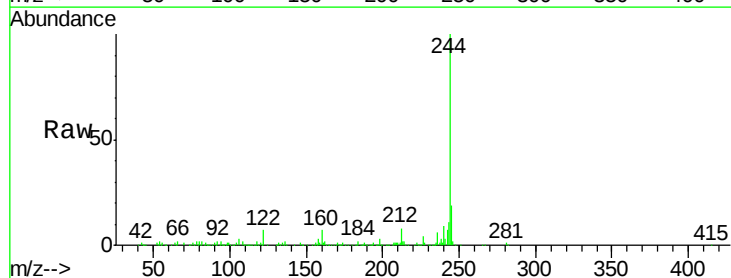
Tgt Ion:244 Resp: 327330

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

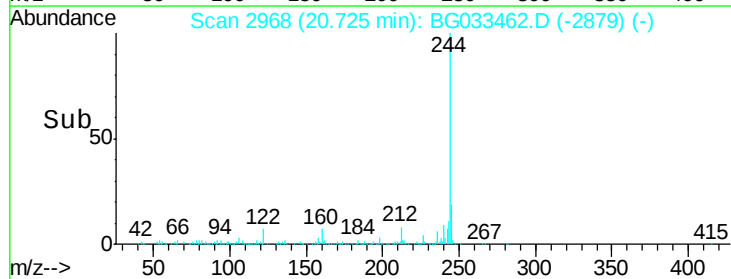
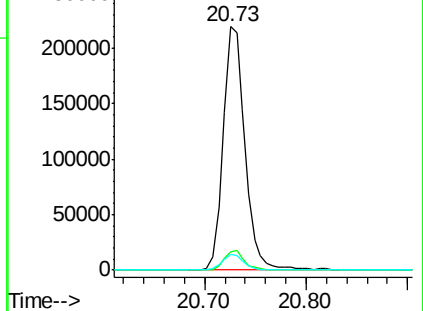
122 6.7 7.0 10.4#

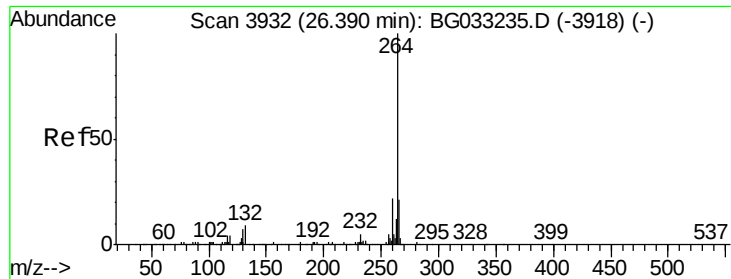


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

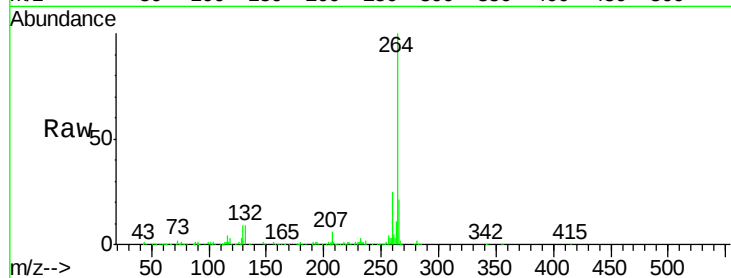




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.32 min Scan# 3920
Delta R.T. -0.02 min
Lab File: BG033462.D
Acq: 30 Mar 2018 23:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	17.4	26.0
265	21.1	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

