

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091818\
 Data File : BG036816.D
 Acq On : 19 Sep 2018 11:24
 Operator : JU/SJ
 Sample : J4935-04RE
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 19 12:14:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

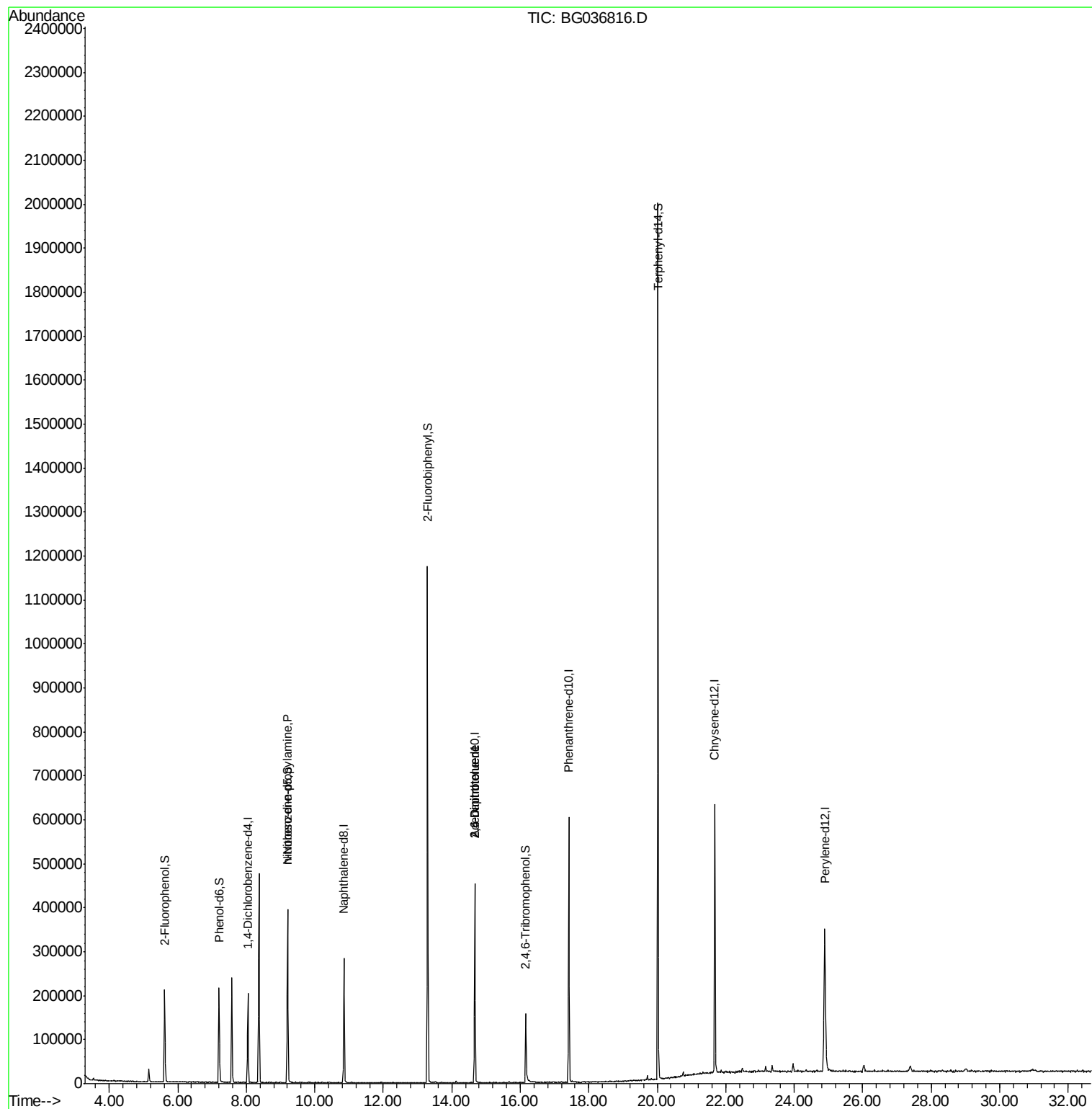
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	54435	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	240497	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	158556	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	387435	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	388742	20.00	ng	-0.02
86) Perylene-d12	24.89	264	377387	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	92570	26.98	ng	0.00
7) Phenol-d6	7.20	99	125378	25.52	ng	-0.02
23) Nitrobenzene-d5	9.20	82	241598	54.51	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	38273	20.23	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	594544	53.54	ng	-0.02
78) Terphenyl-d14	20.02	244	953529	57.33	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	32347	8.809	ng	# 73
50) 2,6-Dinitrotoluene	14.67	165	20511	7.699	ng	# 23
56) 2,4-Dinitrotoluene	14.67	165	20511	5.907	ng	# 21

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

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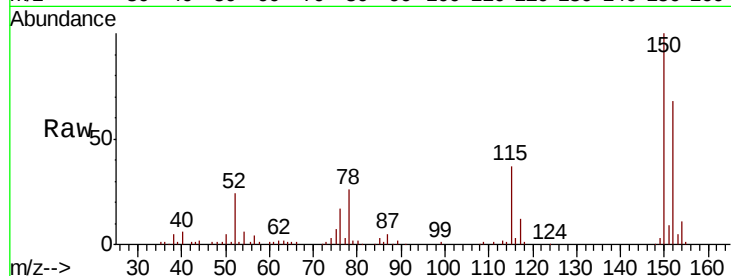




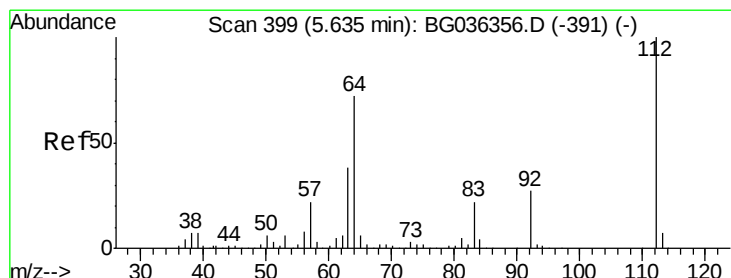
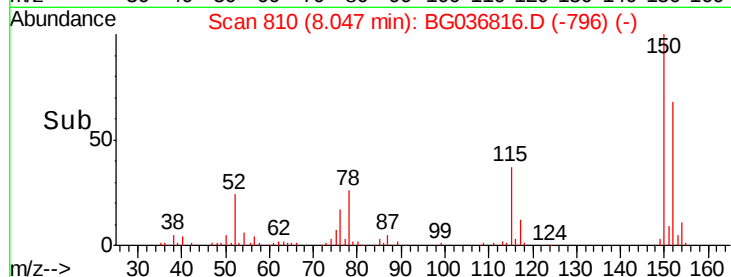
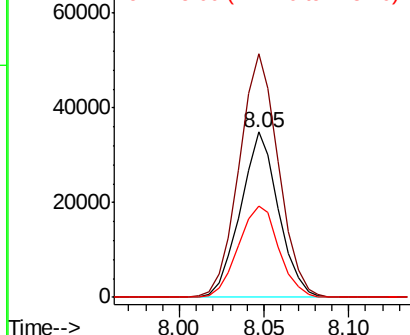
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 810
 Delta R.T. -0.02 min
 Lab File: BG036816.D
 Acq: 19 Sep 2018 11:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 54435
 Ion Ratio Lower Upper
 152 100
 150 147.3 119.5 179.3
 115 55.1 44.5 66.7

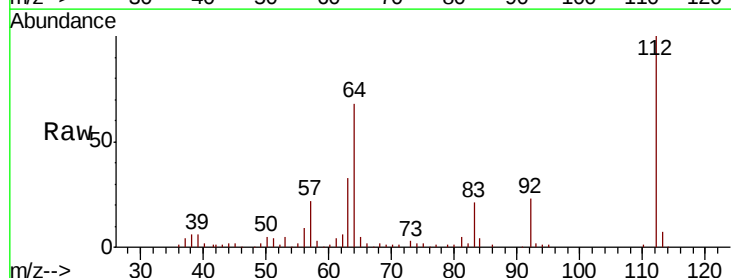


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

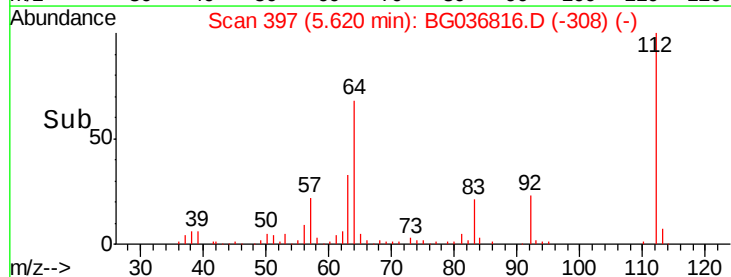
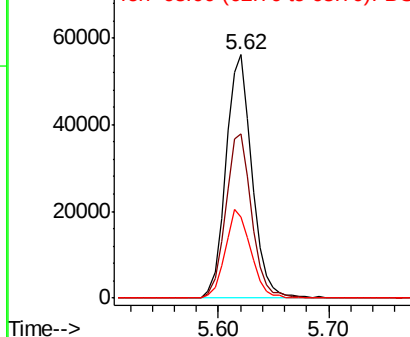


#5
 2-Fluorophenol
 Concen: 26.976 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.01 min
 Lab File: BG036816.D
 Acq: 19 Sep 2018 11:24

Tgt Ion:112 Resp: 92570
 Ion Ratio Lower Upper
 112 100
 64 67.6 57.2 85.8
 63 33.2 30.8 46.2



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





#7

Phenol-d6

Concen: 25.519 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.02 min

Lab File: BG036816.D

Acq: 19 Sep 2018 11:24

Instrument :

BNA_G

ClientSampled :

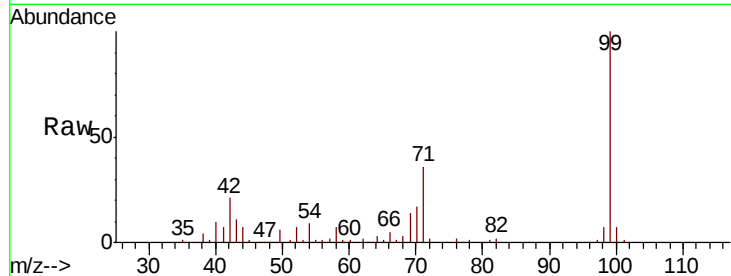
Tot Ion: 99 Resp: 125378

Ion Ratio Lower Upper

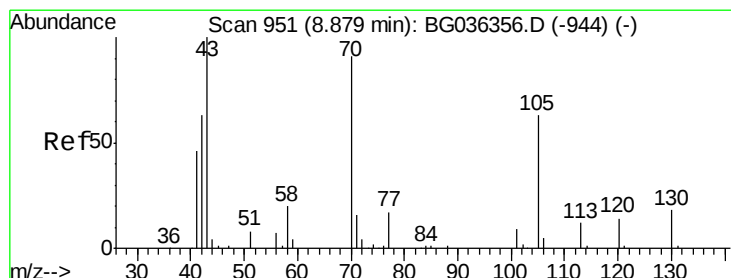
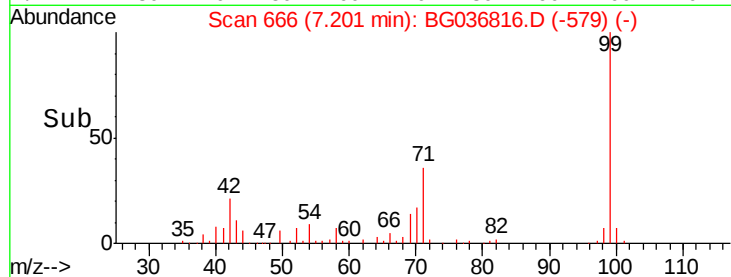
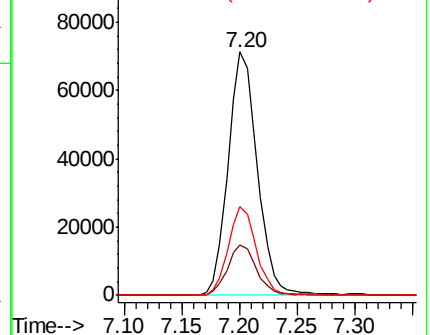
99 100

42 20.5 16.5 24.7

71 36.3 29.4 44.2



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: 8.809 ng

RT: 9.20 min Scan# 1007

Delta R.T. 0.34 min

Lab File: BG036816.D

Acq: 19 Sep 2018 11:24

Tgt Ion: 70 Resp: 32347

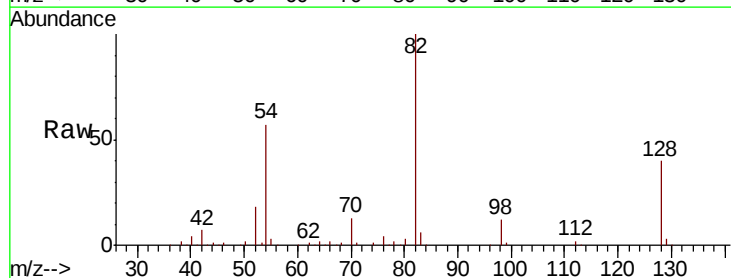
Ion Ratio Lower Upper

70 100

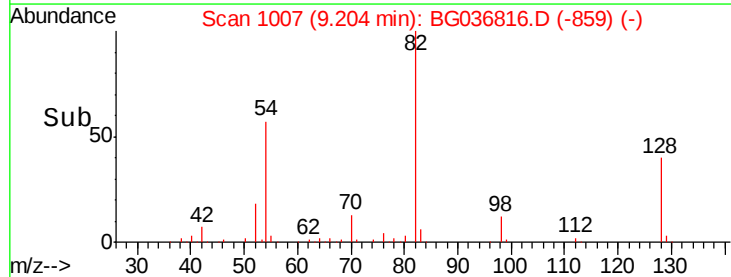
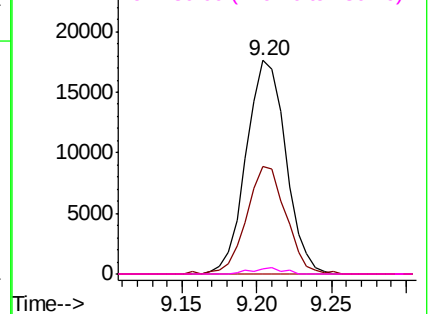
42 50.2 56.2 84.4#

101 0.0 7.8 11.6#

130 2.6 16.2 24.2#



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

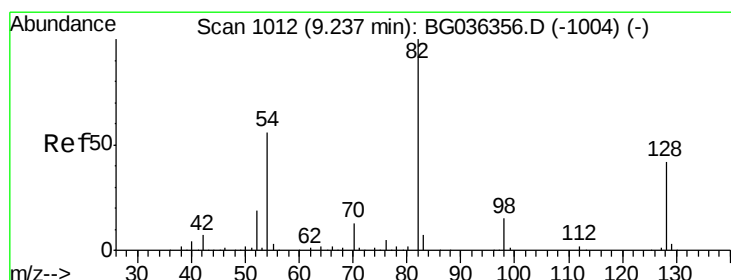
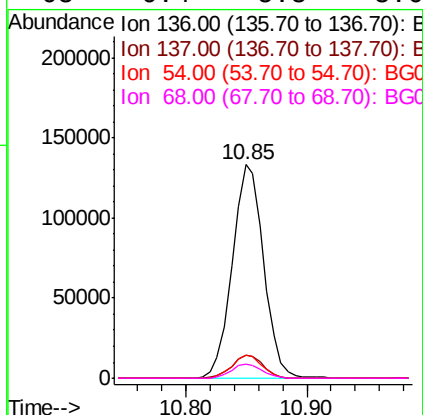
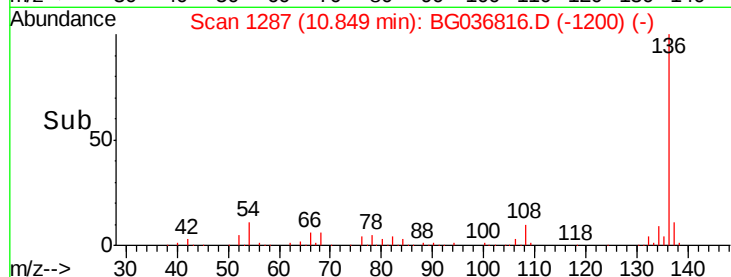
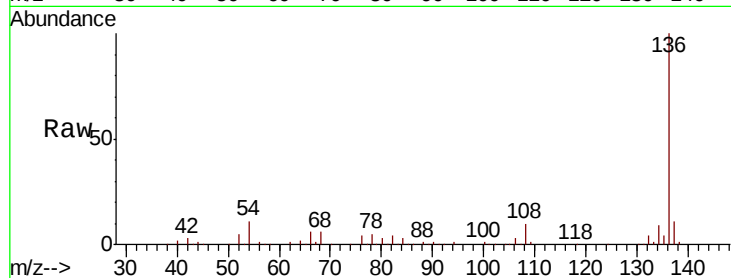




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BG036816.D
Acq: 19 Sep 2018 11:24

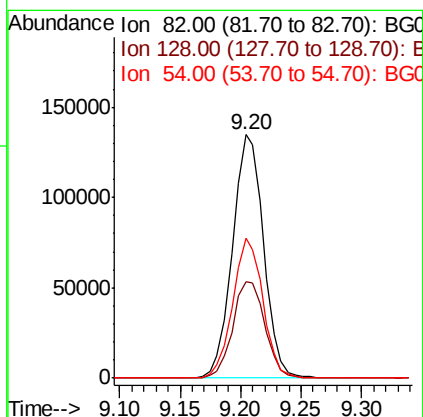
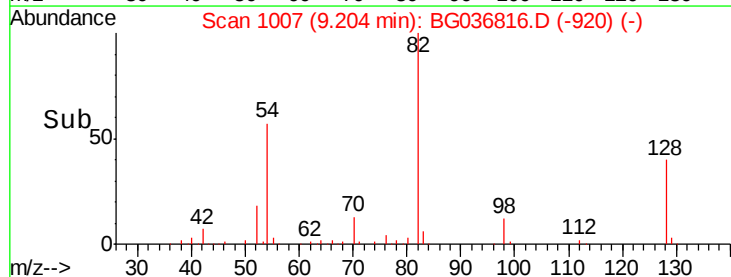
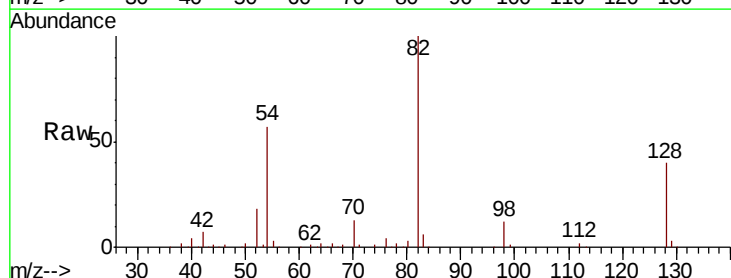
Instrument :
BNA_G
ClientSampleId :

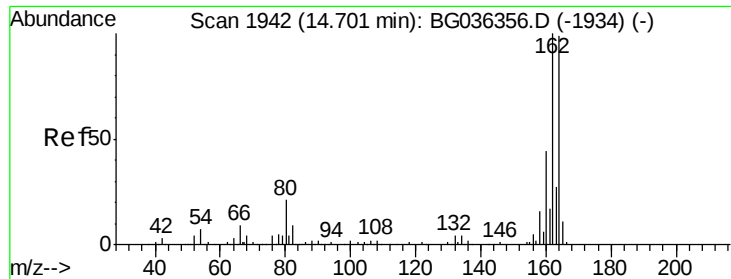
Tot Ion:136	Resp:	240497
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.8 13.2
54	10.6	9.2 13.8
68	6.4	5.8 8.6



#23
Nitrobenzene-d5
Concen: 54.505 ng
RT: 9.20 min Scan# 1007
Delta R.T. -0.02 min
Lab File: BG036816.D
Acq: 19 Sep 2018 11:24

Tgt Ion: 82	Resp:	241598
Ion Ratio	Lower	Upper
82	100	
128	39.6	33.3 49.9
54	57.2	45.1 67.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1937

Delta R.T. -0.02 min

Lab File: BG036816.D

Acq: 19 Sep 2018 11:24

Instrument :

BNA_G

ClientSampleId :

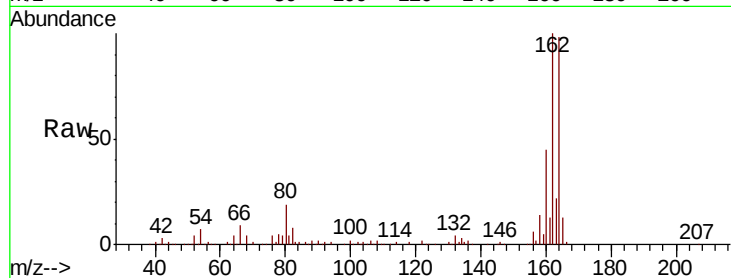
Tot Ion:164 Resp: 158556

Ion Ratio Lower Upper

164 100

162 102.1 80.7 121.1

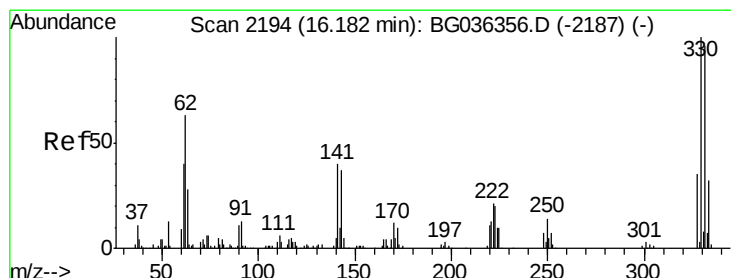
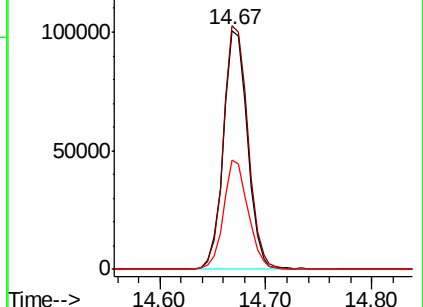
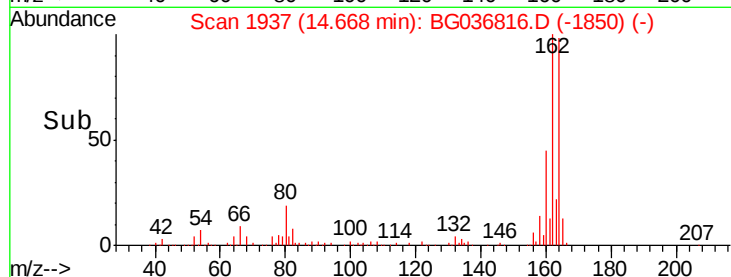
160 46.0 35.3 52.9



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: 20.230 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG036816.D

Acq: 19 Sep 2018 11:24

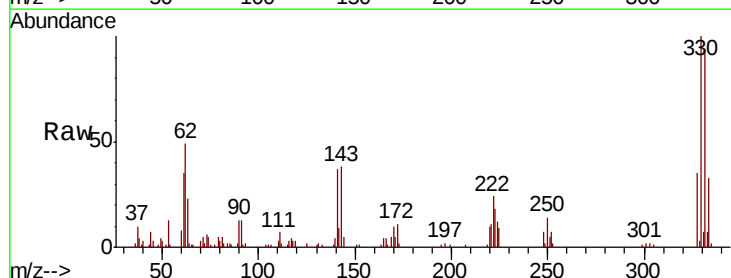
Tgt Ion:330 Resp: 38273

Ion Ratio Lower Upper

330 100

332 93.0 75.4 113.2

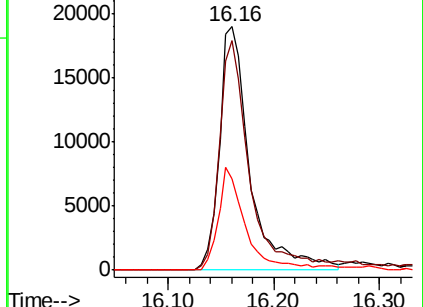
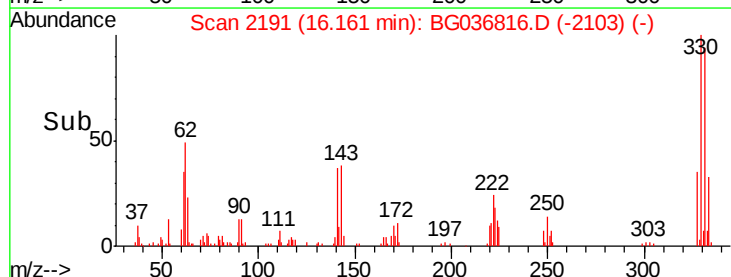
141 37.3 30.7 46.1



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

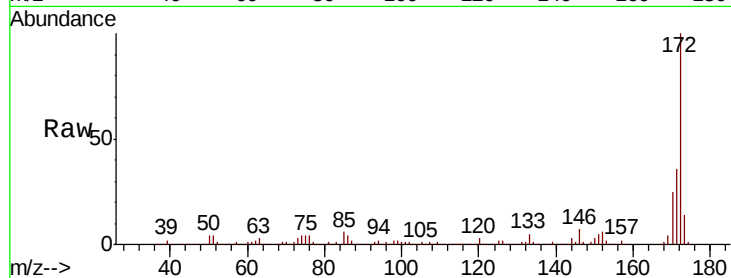




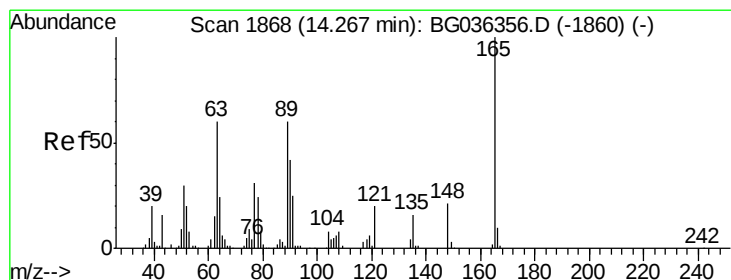
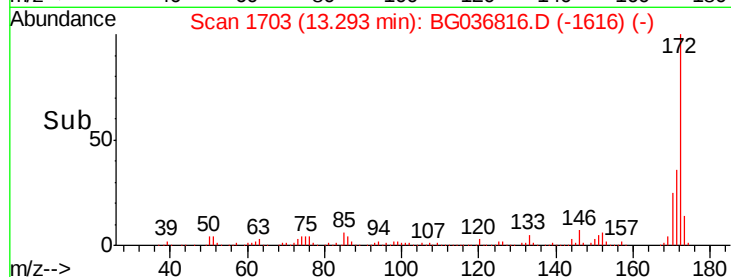
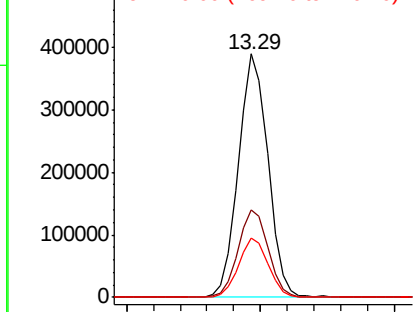
#44
 2-Fluorobiphenyl
 Concen: 53.540 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. -0.02 min
 Lab File: BG036816.D
 Acq: 19 Sep 2018 11:24

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:172 Resp: 594544
 Ion Ratio Lower Upper
 172 100
 171 36.1 31.3 46.9
 170 24.6 21.0 31.6

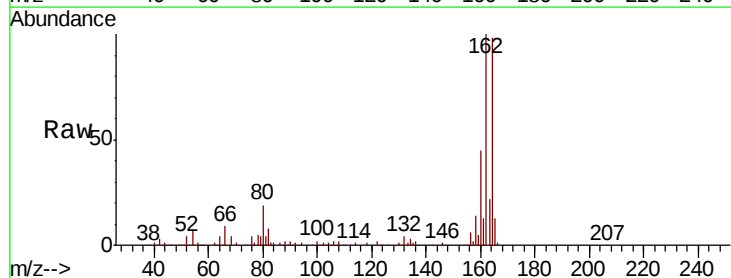


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

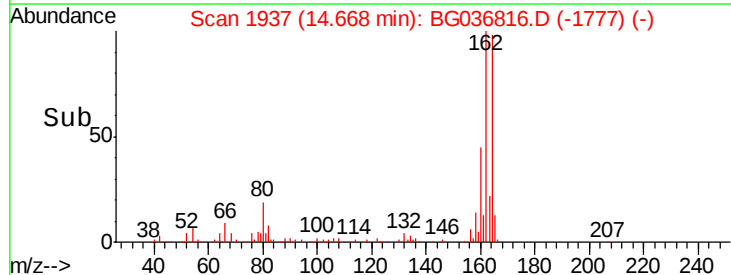
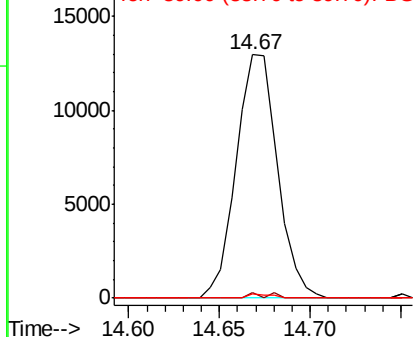


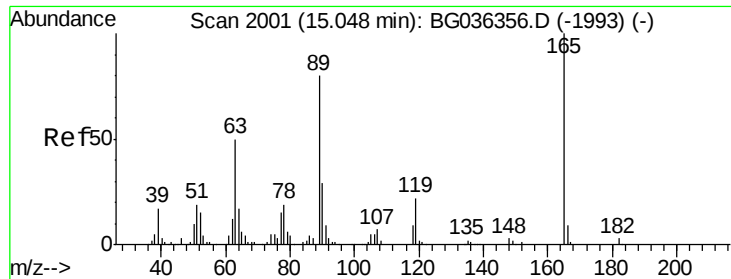
#50
 2,6-Dinitrotoluene
 Concen: 7.699 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. 0.41 min
 Lab File: BG036816.D
 Acq: 19 Sep 2018 11:24

Tgt Ion:165 Resp: 20511
 Ion Ratio Lower Upper
 165 100
 63 2.2 50.1 75.1#
 89 1.9 47.8 71.6#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

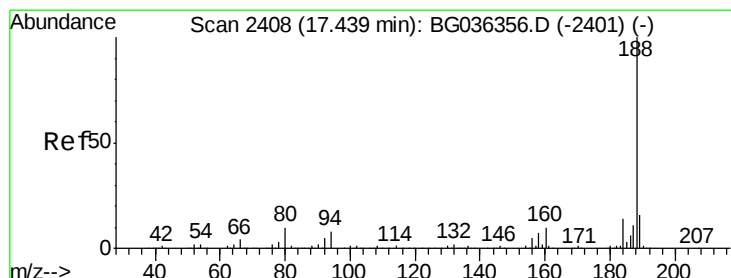
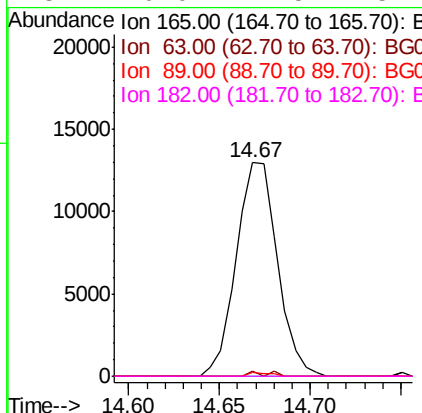
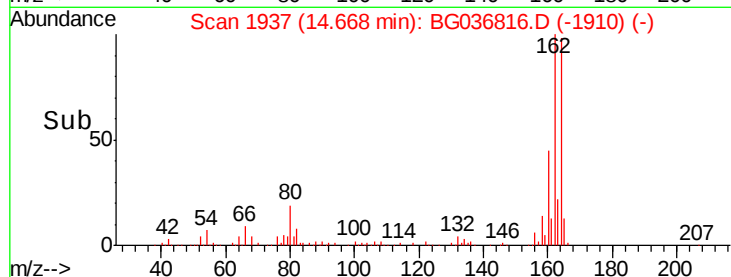
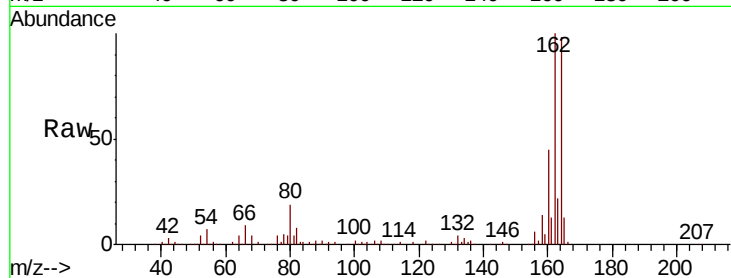




#56
 2,4-Dinitrotoluene
 Concen: 5.907 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.37 min
 Lab File: BG036816.D
 Acq: 19 Sep 2018 11:24

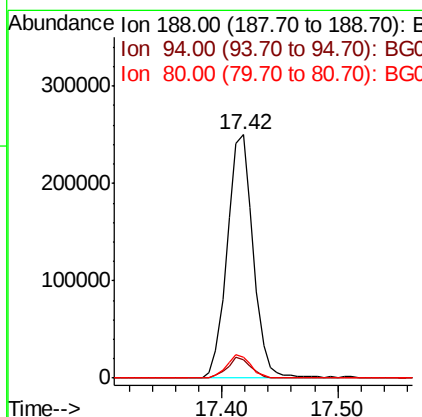
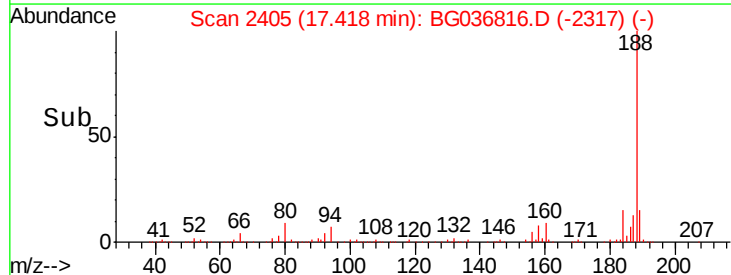
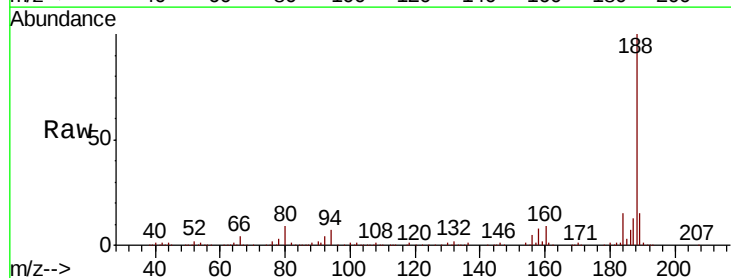
Instrument :
 BNA_G
 ClientSampleId :

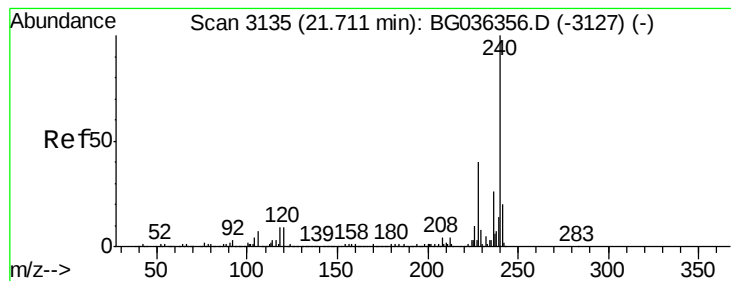
Tot Ion:	165	Resp:	20511
Ion	Ratio	Lower	Upper
165	100		
63	2.2	40.1	60.1#
89	1.9	63.7	95.5#
182	0.0	2.5	3.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.01 min
 Lab File: BG036816.D
 Acq: 19 Sep 2018 11:24

Tgt Ion:	188	Resp:	387435
Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.7	10.1
80	8.7	8.1	12.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3130

Delta R.T. -0.02 min

Lab File: BG036816.D

Acq: 19 Sep 2018 11:24

Instrument :

BNA_G

ClientSampleId :

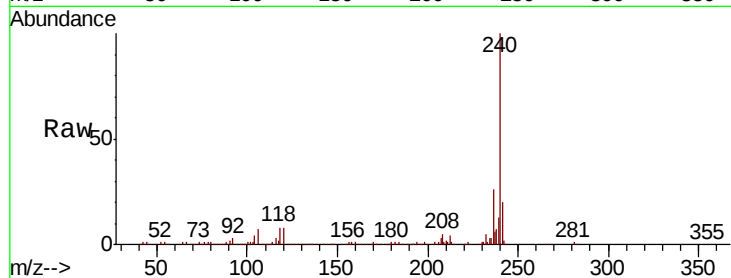
Tot Ion:240 Resp: 388742

Ion Ratio Lower Upper

240 100

120 8.0 6.9 10.3

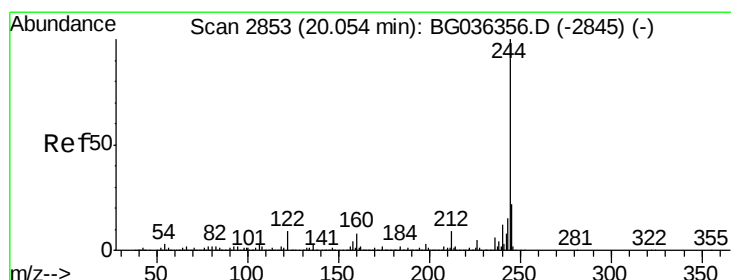
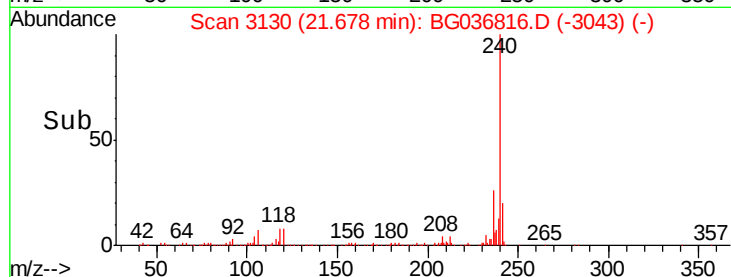
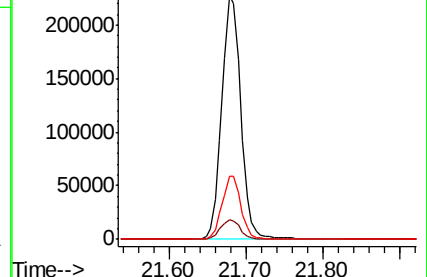
236 26.1 21.2 31.8



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: 57.332 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036816.D

Acq: 19 Sep 2018 11:24

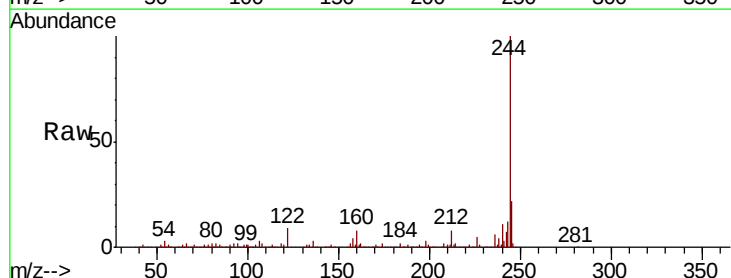
Tgt Ion:244 Resp: 953529

Ion Ratio Lower Upper

244 100

212 8.2 7.0 10.6

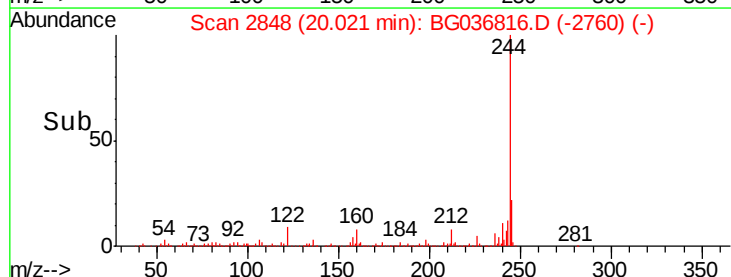
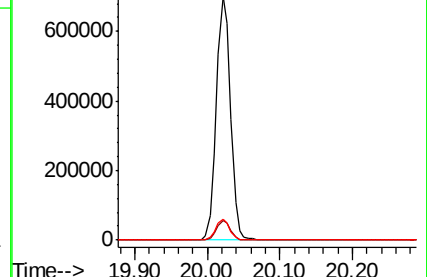
122 8.8 7.1 10.7

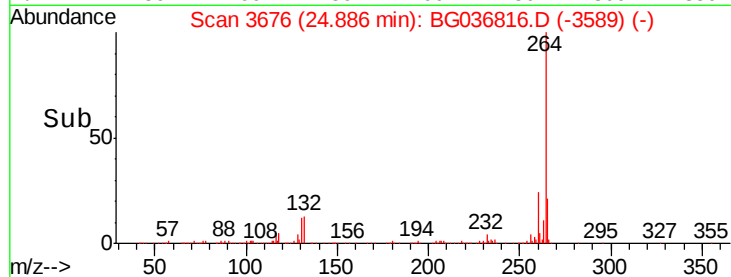
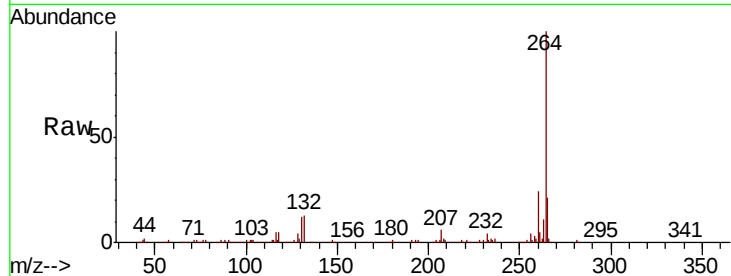
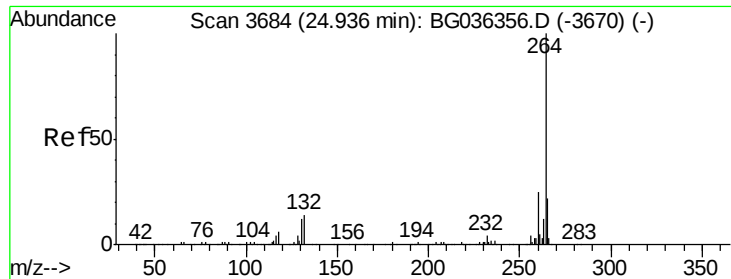


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.89 min Scan# 3676
Delta R.T. -0.02 min
Lab File: BG036816.D
Acq: 19 Sep 2018 11:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.6	29.4
265	21.4	17.4	26.0

