

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082418\
 Data File : BG036399.D
 Acq On : 24 Aug 2018 5:19
 Operator : JU/SJ
 Sample : J4522-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-2

Quant Time: Aug 24 07:24:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 23 12:07:02 2018
 Response via : Initial Calibration

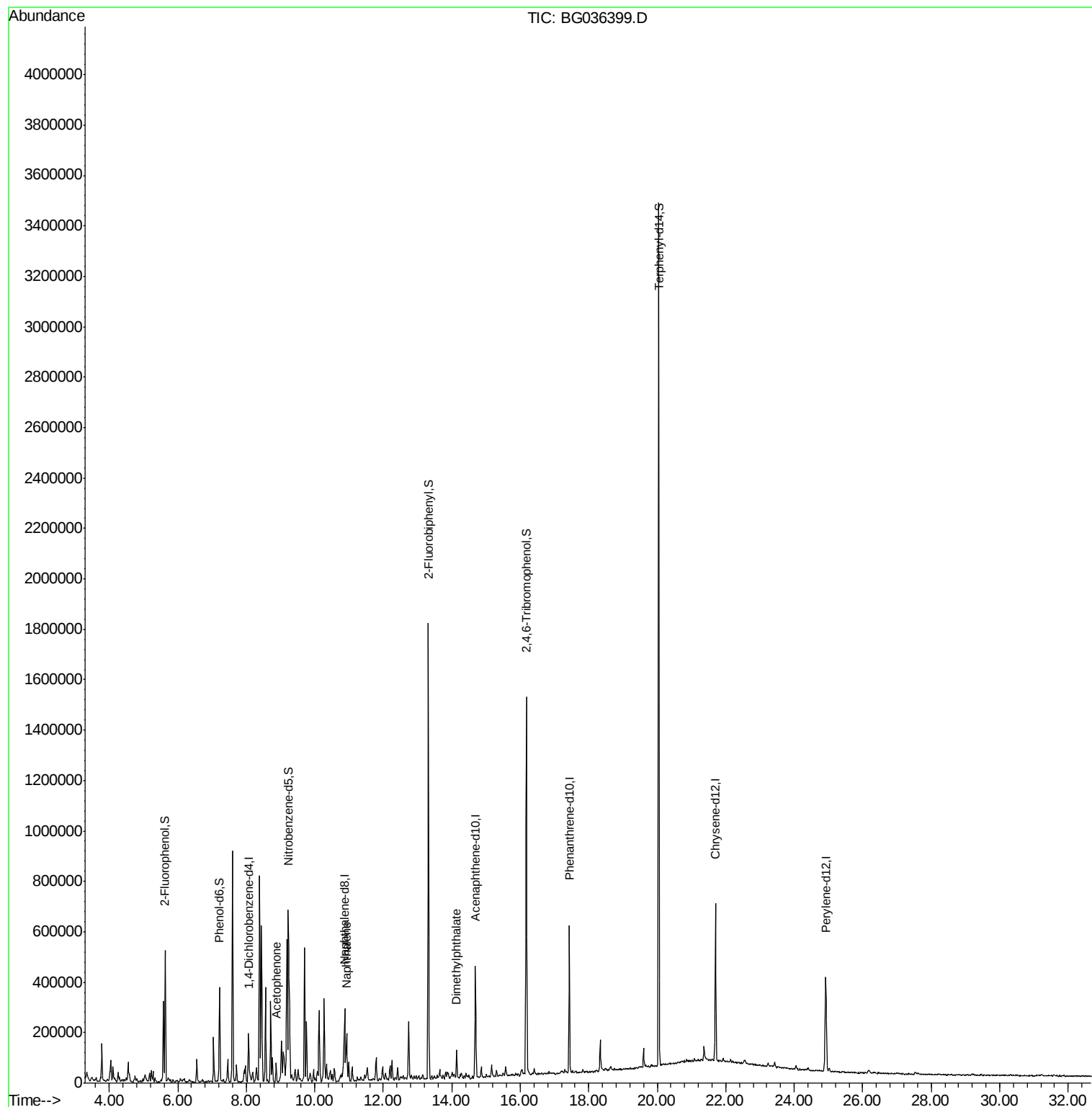
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	53099	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	216126	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	140616	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	350850	20.00	ng	0.00
75) Chrysene-d12	21.70	240	384963	20.00	ng	0.00
86) Perylene-d12	24.92	264	398043	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	216580	64.70	ng	0.00
7) Phenol-d6	7.22	99	200635	41.86	ng	0.00
23) Nitrobenzene-d5	9.23	82	402925	101.15	ng	0.00
41) 2,4,6-Tribromophenol	16.18	330	278794	166.16	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	930215	94.45	ng	0.00
78) Terphenyl-d14	20.04	244	1545044	93.81	ng	0.00
Target Compounds						
22) Acetophenone	8.87	105	49375	8.700	ng	# 54
31) Naphthalene	10.93	128	48331	4.473	ng	# 86
49) Dimethylphthalate	14.14	163	72368	6.303	ng	98

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

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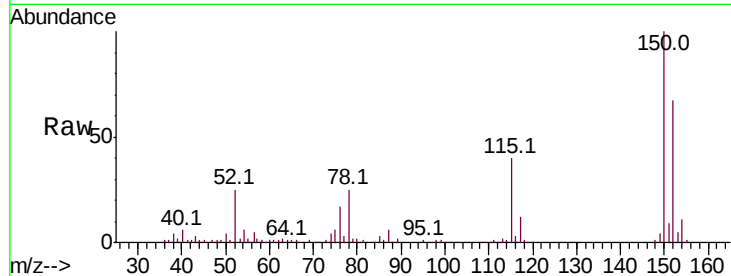


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG036399.D
Acq: 24 Aug 2018 5:19

Instrument :
BNA_G
ClientSampleId :
MW-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.1	119.5	179.3
115	59.2	44.5	66.7

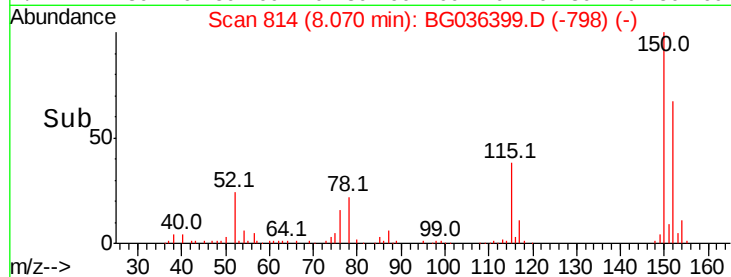
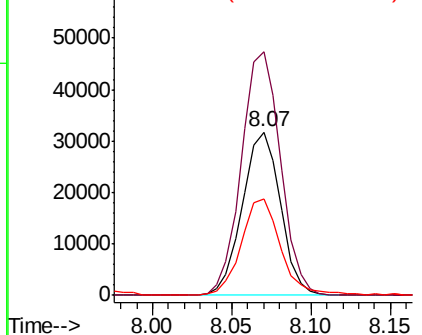


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

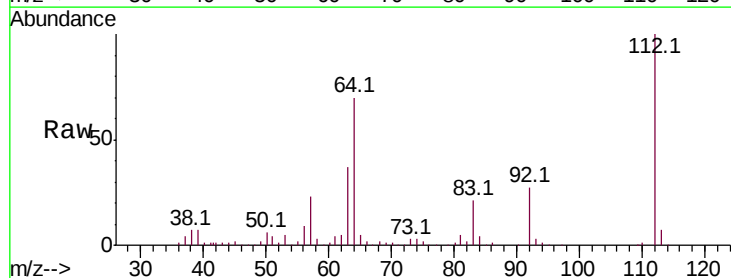
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 64.702 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG036399.D
Acq: 24 Aug 2018 5:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.5	57.2	85.8
63	37.4	30.8	46.2

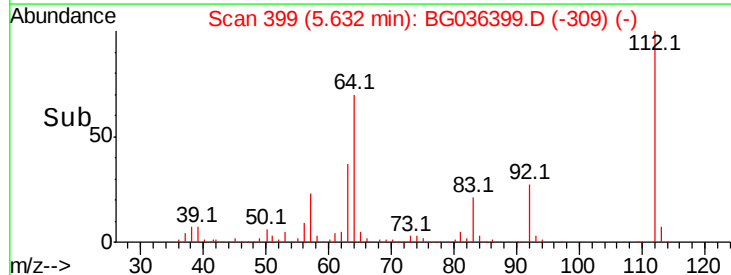
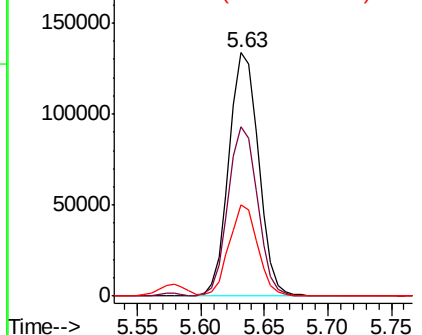


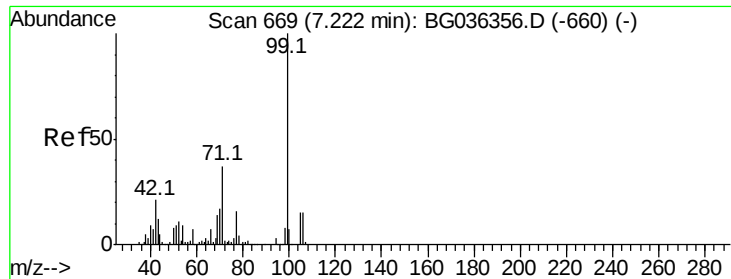
Abundance

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: 41.864 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036399.D

Acq: 24 Aug 2018 5:19

Instrument :

BNA_G

ClientSampleId :

MW-2

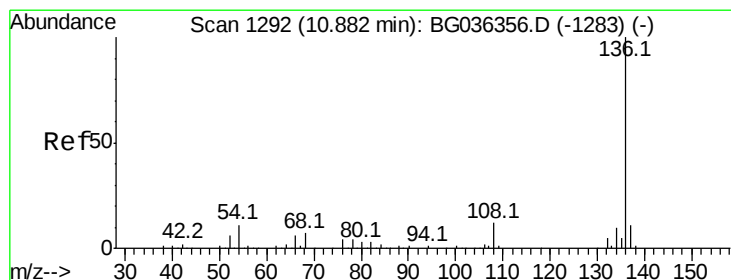
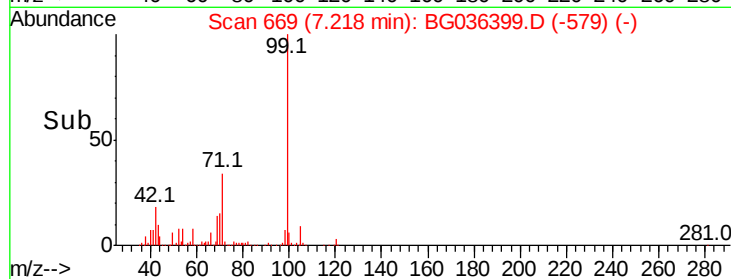
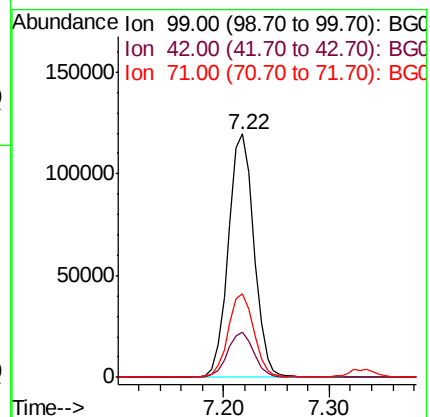
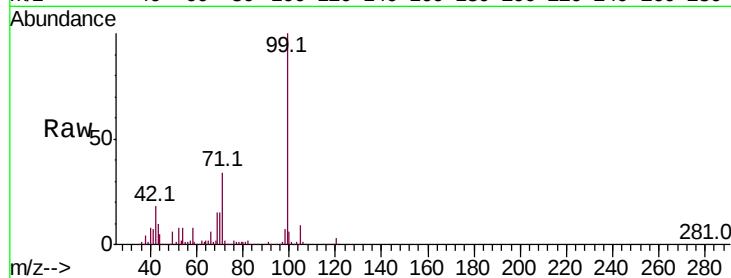
Tot Ion: 99 Resp: 200635

Ion Ratio Lower Upper

99 100

42 18.5 16.5 24.7

71 34.2 29.4 44.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BG036399.D

Acq: 24 Aug 2018 5:19

Tgt Ion: 136 Resp: 216126

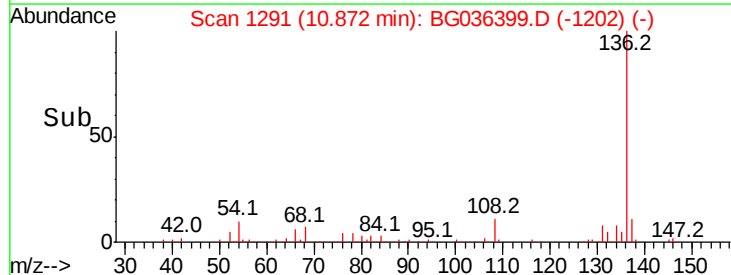
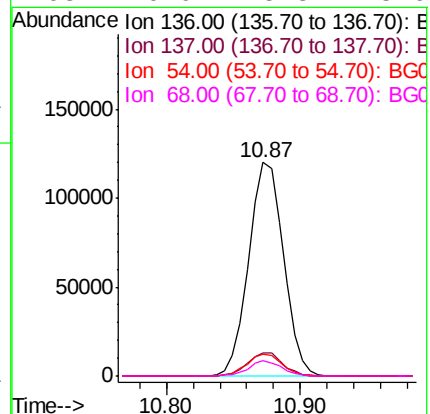
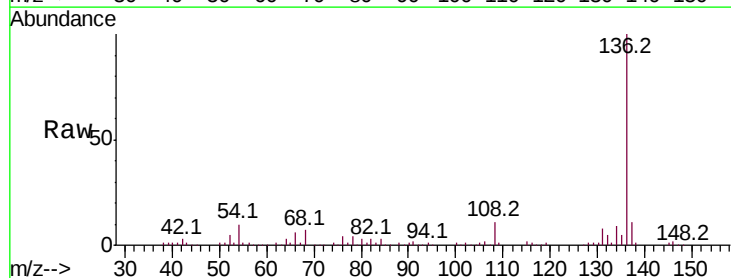
Ion Ratio Lower Upper

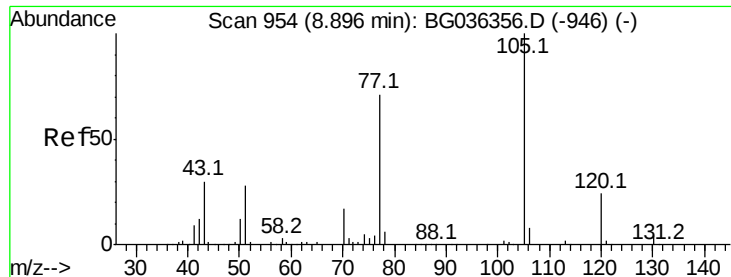
136 100

137 10.9 8.8 13.2

54 10.2 9.2 13.8

68 6.9 5.8 8.6

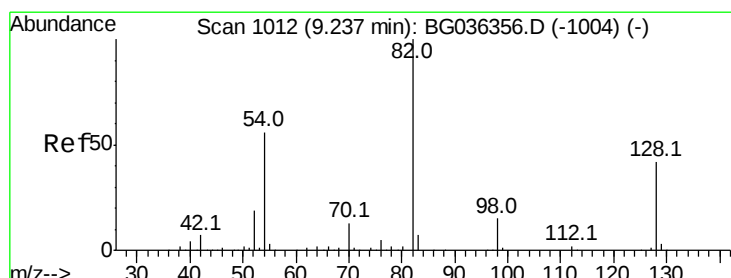
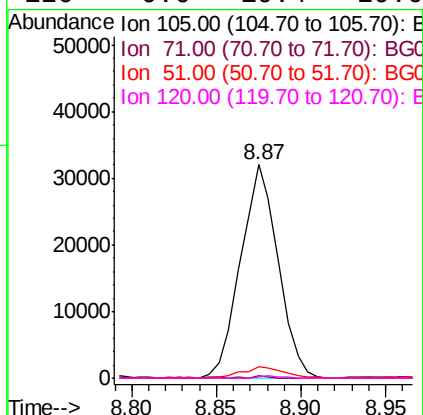
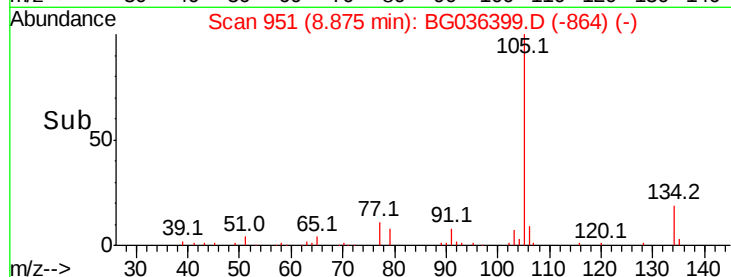
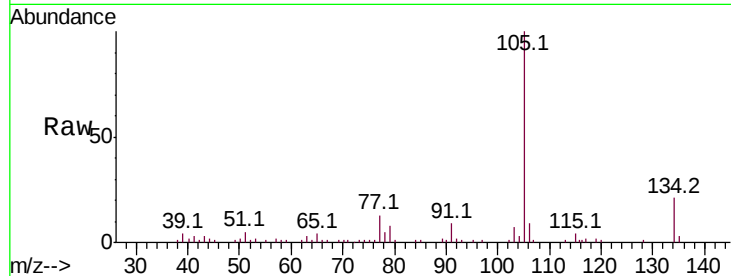




#22
Acetophenone
Concen: 8.700 ng
RT: 8.87 min Scan# 951
Delta R.T. -0.02 min
Lab File: BG036399.D
Acq: 24 Aug 2018 5:19

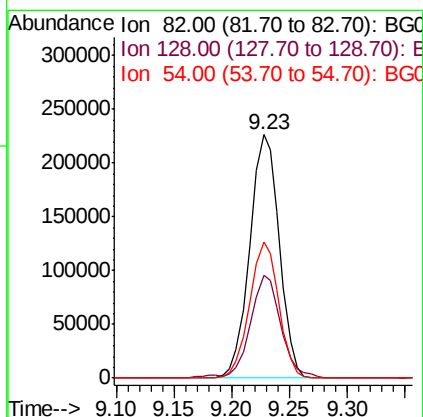
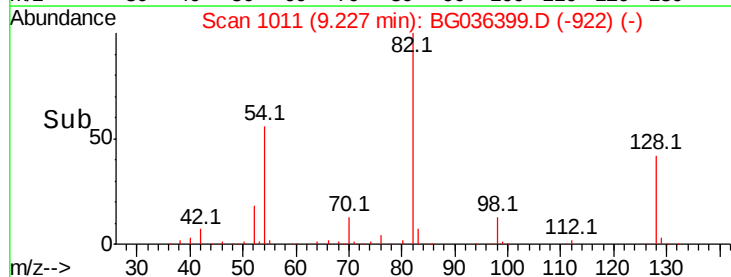
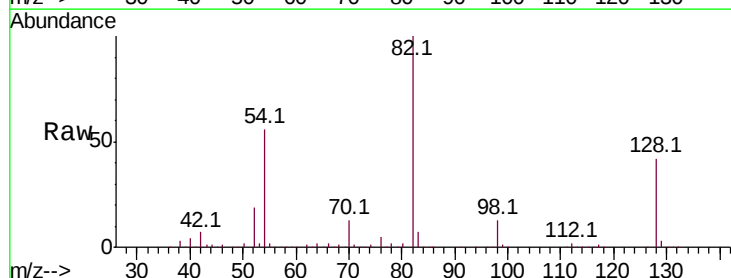
Instrument :
BNA_G
ClientSampled :
MW-2

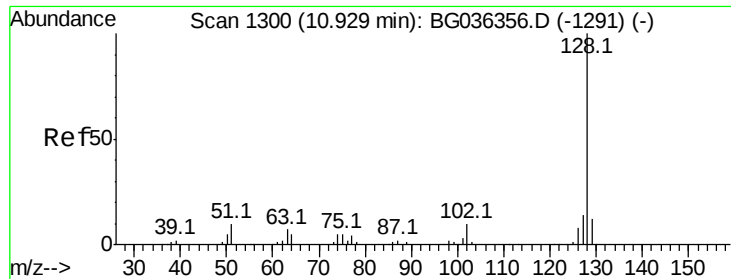
Tot Ion:105 Resp: 49375
Ion Ratio Lower Upper
105 100
71 0.9 2.4 3.6#
51 5.4 25.9 38.9#
120 0.6 19.4 29.0#



#23
Nitrobenzene-d5
Concen: 101.151 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BG036399.D
Acq: 24 Aug 2018 5:19

Tgt Ion: 82 Resp: 402925
Ion Ratio Lower Upper
82 100
128 42.3 33.3 49.9
54 55.6 45.1 67.7

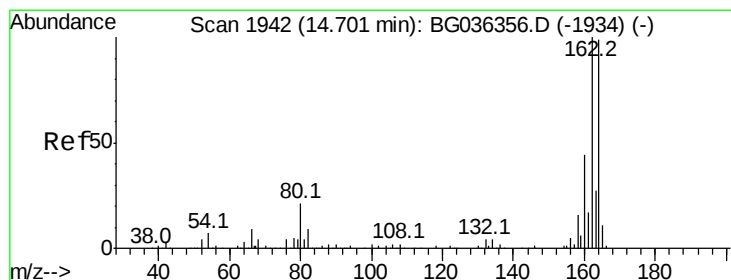
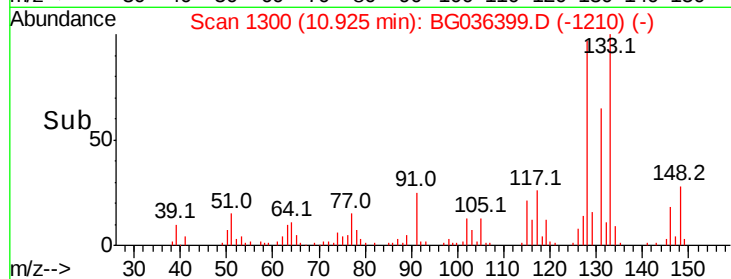
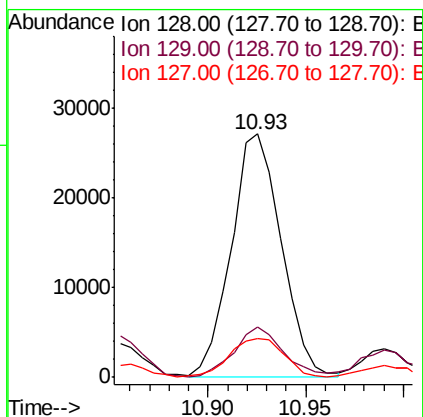
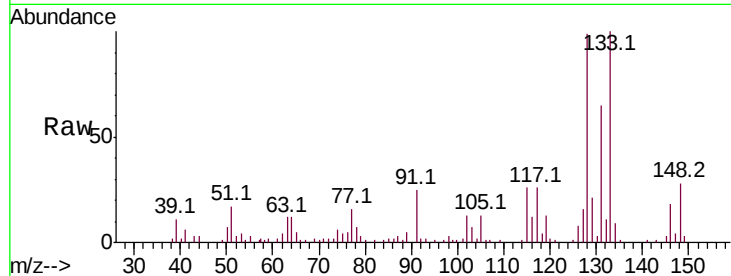




#31
Naphthalene
Concen: 4.473 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG036399.D
Acq: 24 Aug 2018 5:19

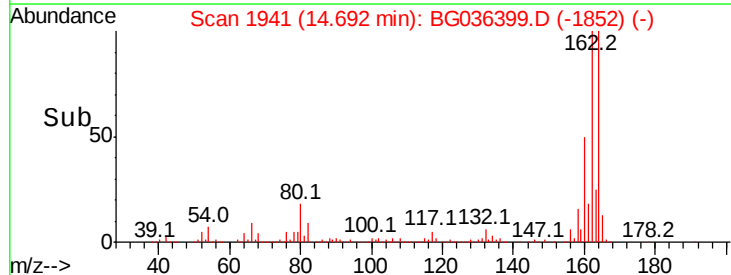
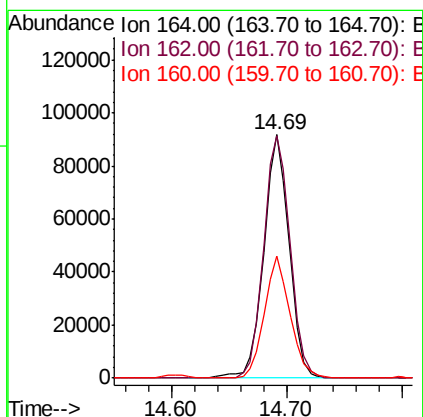
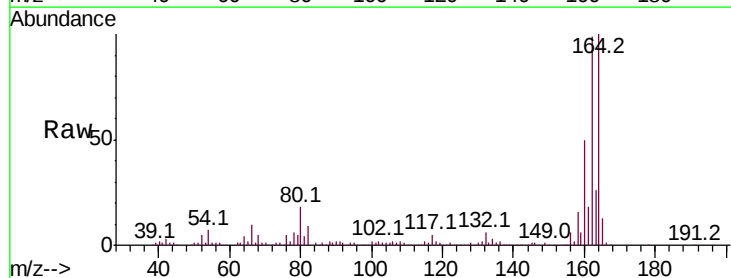
Instrument :
BNA_G
ClientSampleId :
MW-2

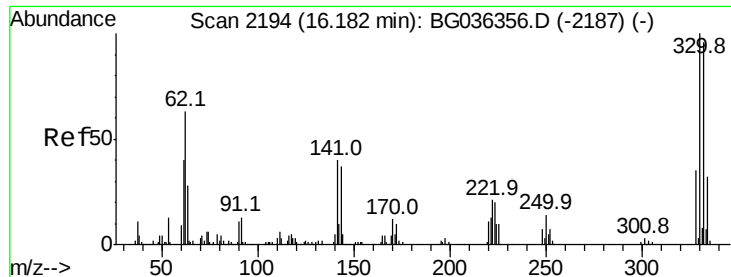
Tot Ion:128 Resp: 48331
Ion Ratio Lower Upper
128 100
129 20.8 9.4 14.2#
127 16.1 11.0 16.4



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1941
Delta R.T. -0.01 min
Lab File: BG036399.D
Acq: 24 Aug 2018 5:19

Tgt Ion:164 Resp: 140616
Ion Ratio Lower Upper
164 100
162 99.5 80.7 121.1
160 50.0 35.3 52.9

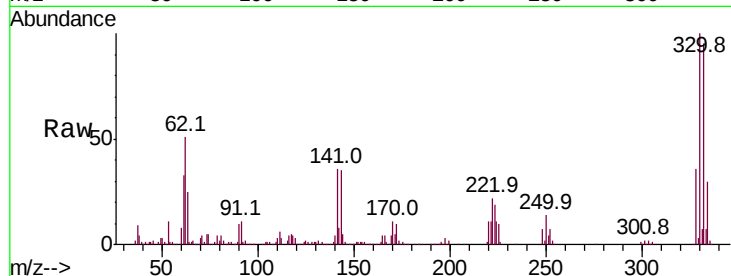




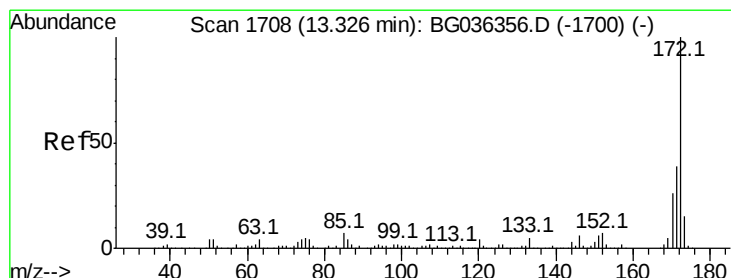
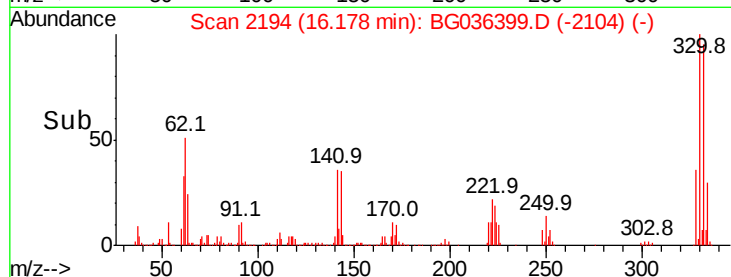
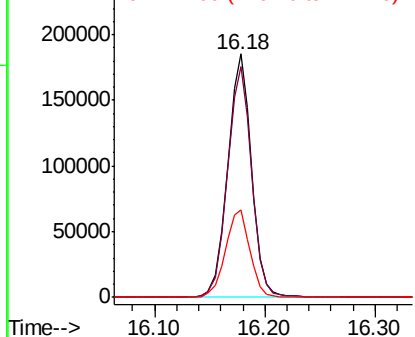
#41
 2,4,6-Tribromophenol
 Concen: 166.160 ng
 RT: 16.18 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: BG036399.D
 Acq: 24 Aug 2018 5:19

Instrument :
 BNA_G
 ClientSampled :
 MW-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	75.4	113.2
141	37.5	30.7	46.1

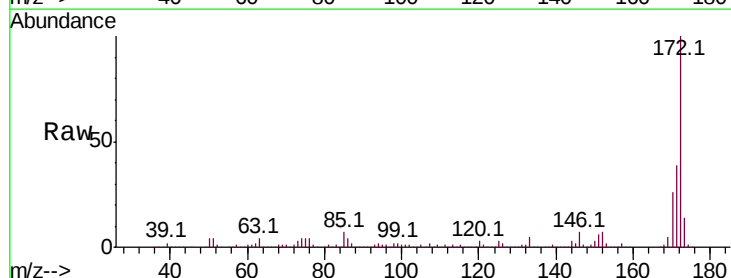


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

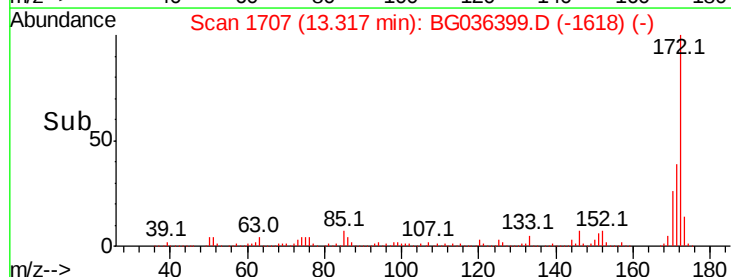
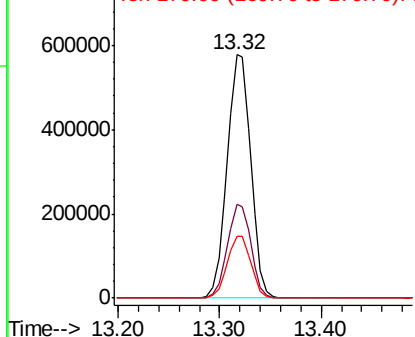


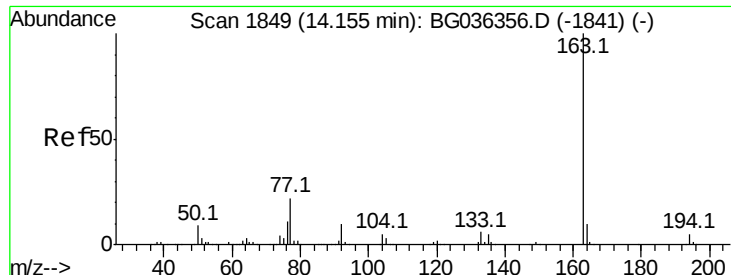
#44
 2-Fluorobiphenyl
 Concen: 94.454 ng
 RT: 13.32 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG036399.D
 Acq: 24 Aug 2018 5:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.6	31.3	46.9
170	25.6	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

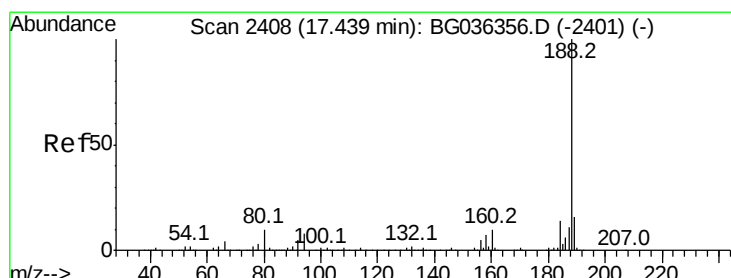
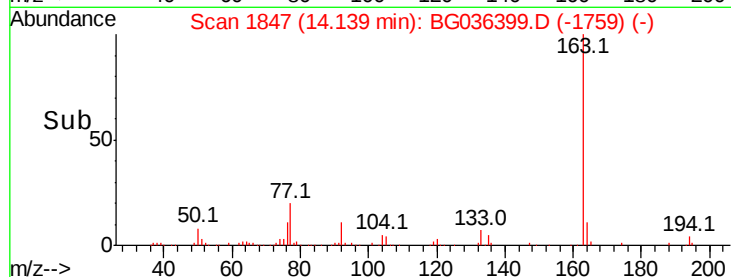
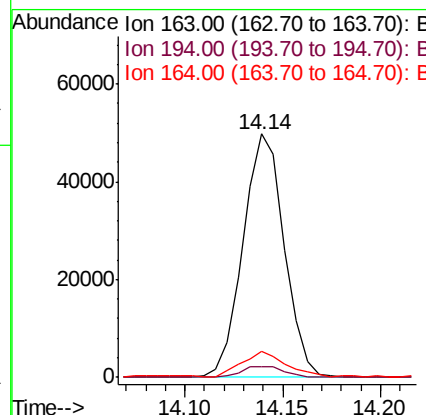
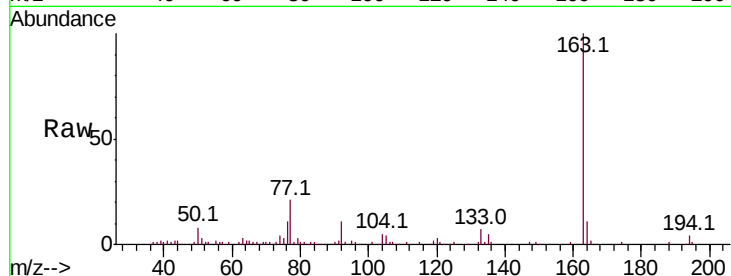




#49
Dimethylphthalate
Concen: 6.303 ng
RT: 14.14 min Scan# 1847
Delta R.T. -0.02 min
Lab File: BG036399.D
Acq: 24 Aug 2018 5:19

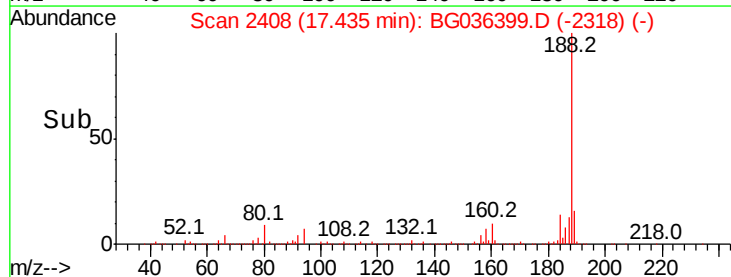
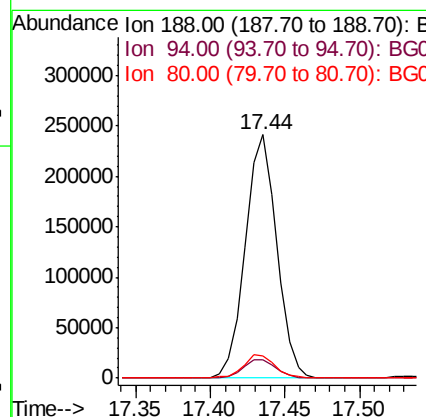
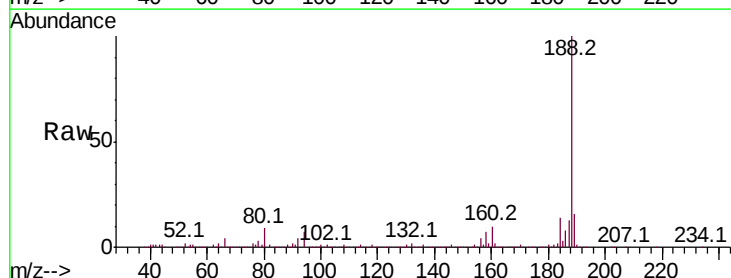
Instrument :
BNA_G
ClientSampleId :
MW-2

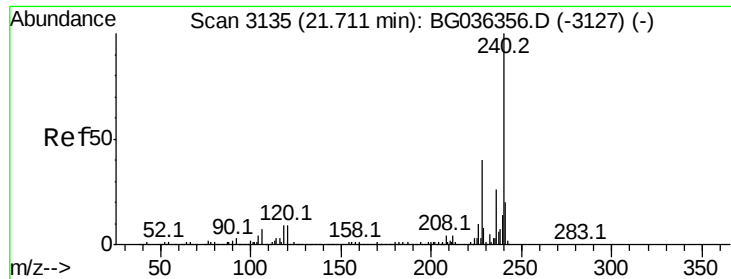
Tot Ion:163 Resp: 72368
Ion Ratio Lower Upper
163 100
194 4.3 4.0 6.0
164 10.6 8.1 12.1



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2408
Delta R.T. -0.00 min
Lab File: BG036399.D
Acq: 24 Aug 2018 5:19

Tgt Ion:188 Resp: 350850
Ion Ratio Lower Upper
188 100
94 7.4 6.7 10.1
80 9.2 8.1 12.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3134

Delta R.T. -0.01 min

Lab File: BG036399.D

Acq: 24 Aug 2018 5:19

Instrument :

BNA_G

ClientSampleId :

MW-2

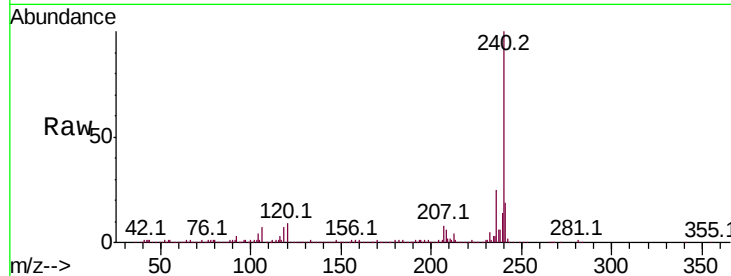
Tot Ion:240 Resp: 384963

Ion Ratio Lower Upper

240 100

120 8.7 6.9 10.3

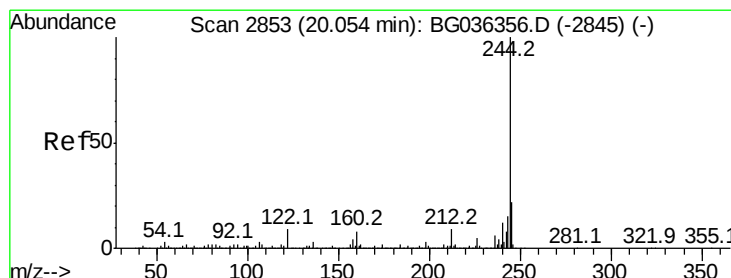
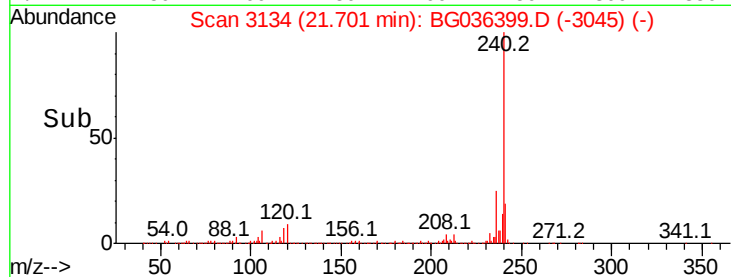
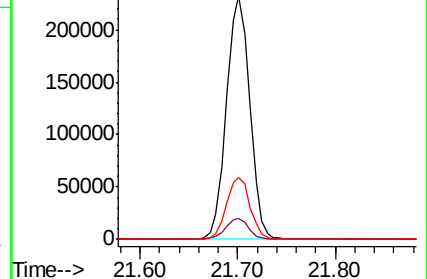
236 25.3 21.2 31.8



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: 93.809 ng

RT: 20.04 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BG036399.D

Acq: 24 Aug 2018 5:19

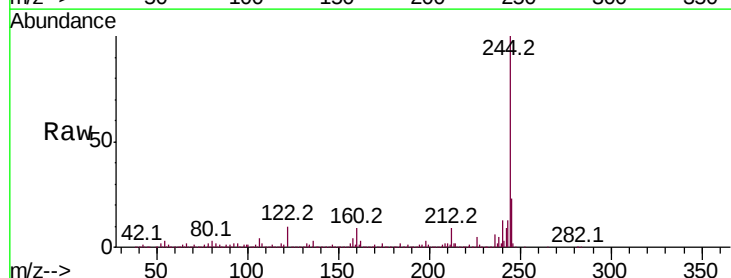
Tgt Ion:244 Resp: 1545044

Ion Ratio Lower Upper

244 100

212 9.2 7.0 10.6

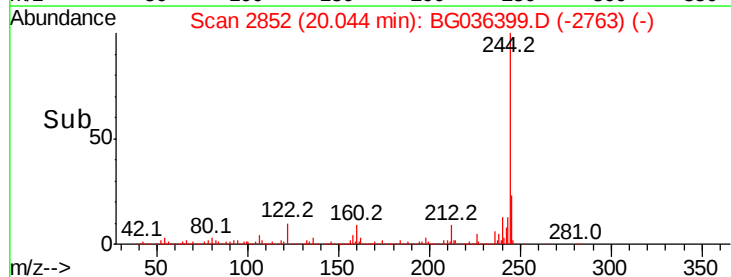
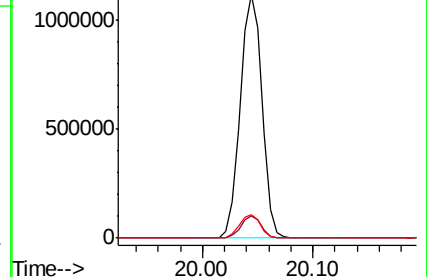
122 9.6 7.1 10.7

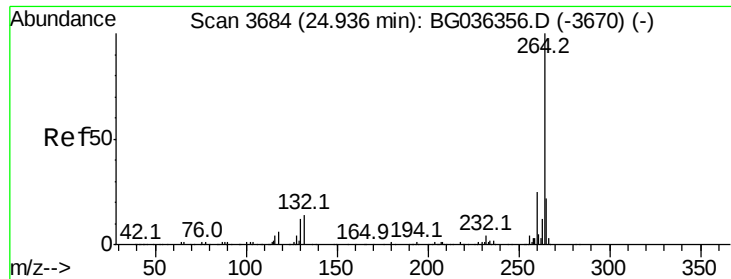


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

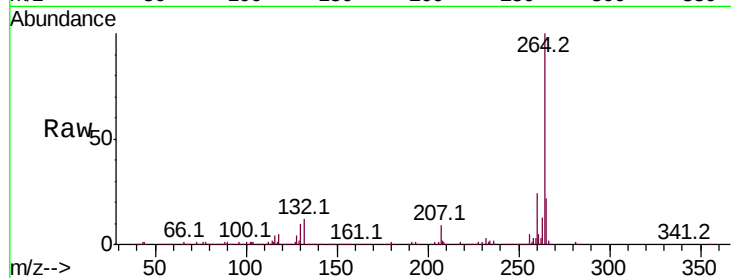




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.92 min Scan# 3682
 Delta R.T. -0.02 min
 Lab File: BG036399.D
 Acq: 24 Aug 2018 5:19

Instrument :
 BNA_G
 ClientSampleId :
 MW-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.6	29.4
265	21.6	17.4	26.0



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

