

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091818\
 Data File : BG036817.D
 Acq On : 19 Sep 2018 12:02
 Operator : JU/SJ
 Sample : J4922-04RE
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 19 13:11:58 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

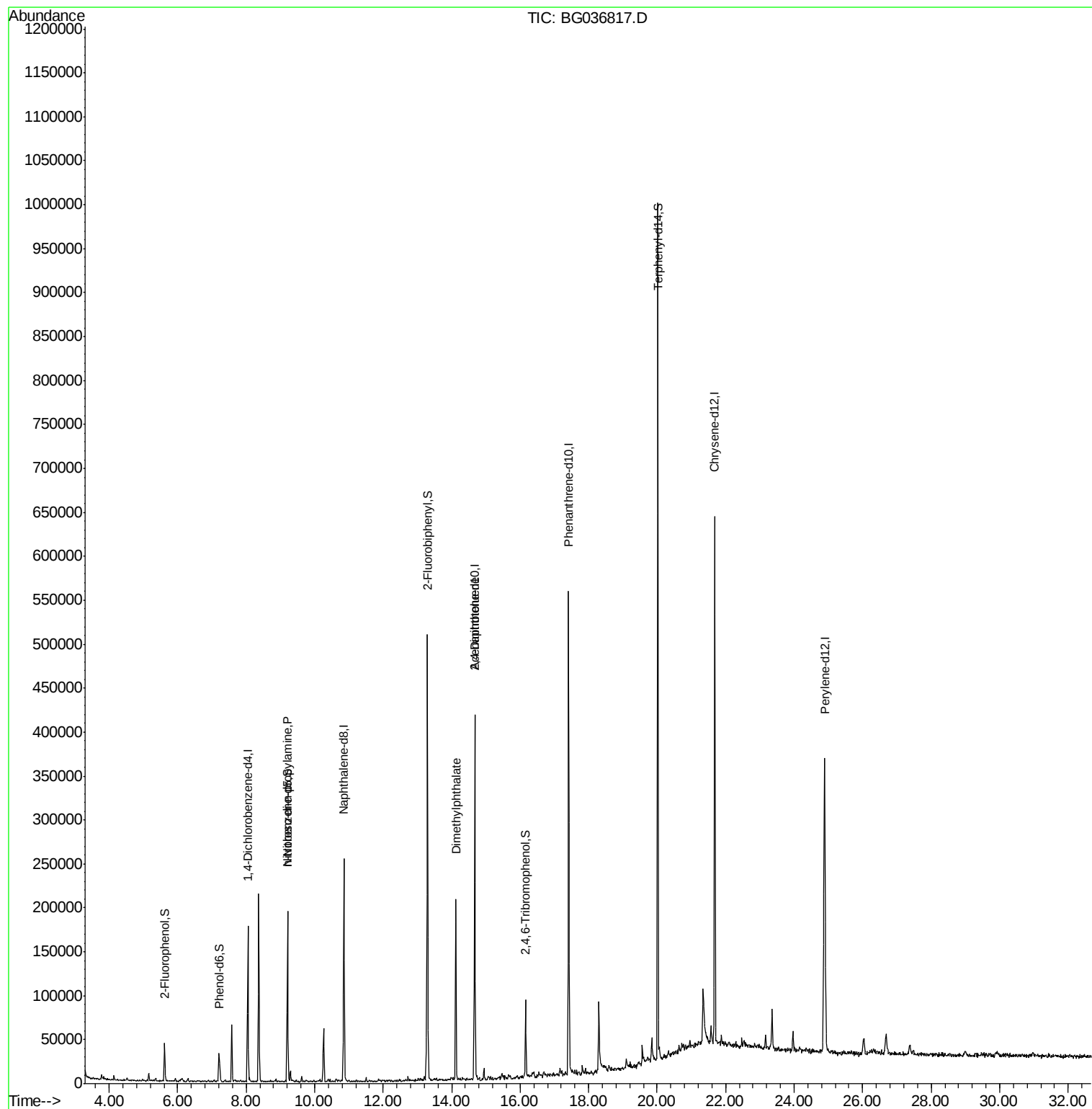
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	50563	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	211863	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	143939	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	352130	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	360116	20.00	ng	-0.01
86) Perylene-d12	24.89	264	373495	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	18189	5.71	ng	0.00
7) Phenol-d6	7.20	99	18365	4.02	ng	-0.01
23) Nitrobenzene-d5	9.20	82	115732	29.64	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	14682	8.55	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	266732	26.46	ng	-0.01
78) Terphenyl-d14	20.02	244	471313	30.59	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	14582	4.275	ng	# 71
49) Dimethylphthalate	14.12	163	133803	11.384	ng	# 99
56) 2,4-Dinitrotoluene	14.67	165	17411	5.524	ng	# 21

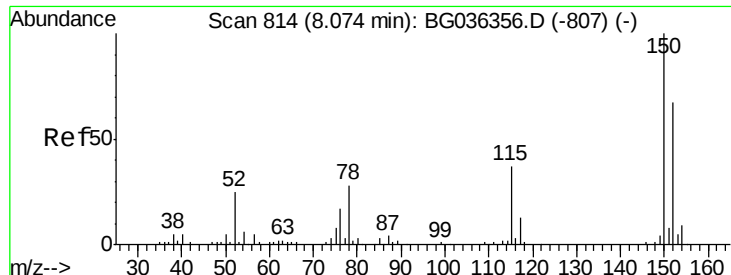
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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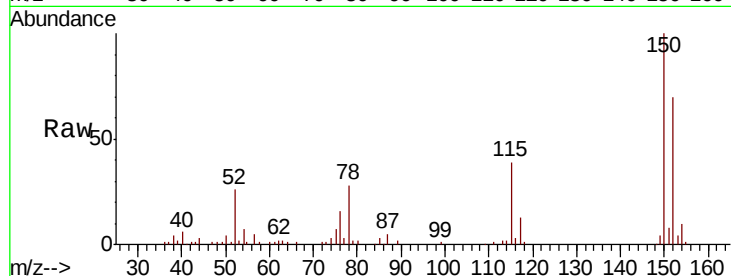


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.01 min
Lab File: BG036817.D
Acq: 19 Sep 2018 12:02

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	143.7	119.5	179.3
115	56.7	44.5	66.7

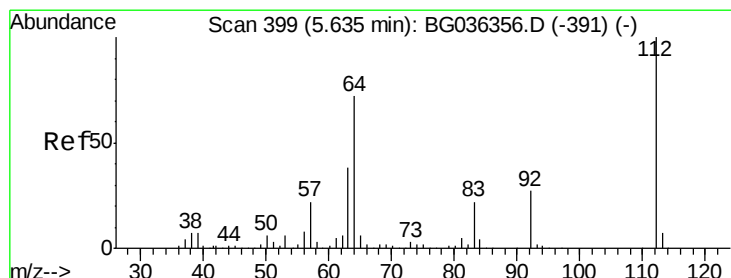
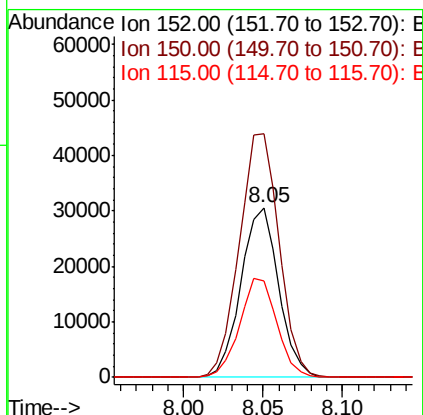
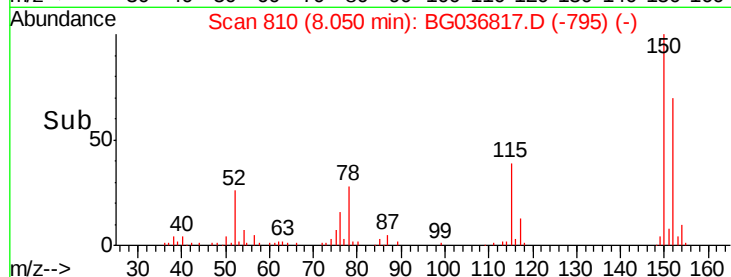


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

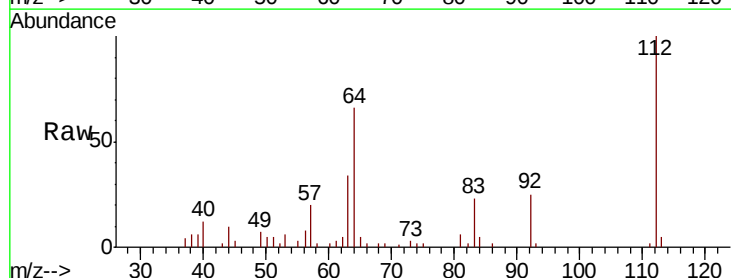
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 5.706 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG036817.D
Acq: 19 Sep 2018 12:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.9	57.2	85.8
63	34.4	30.8	46.2

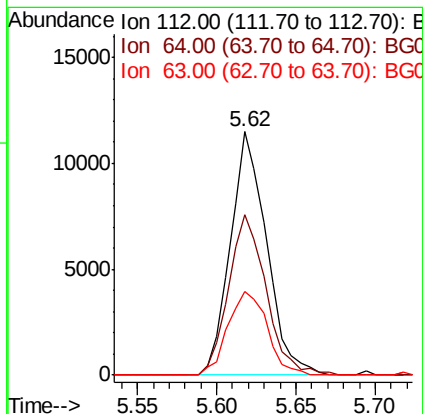
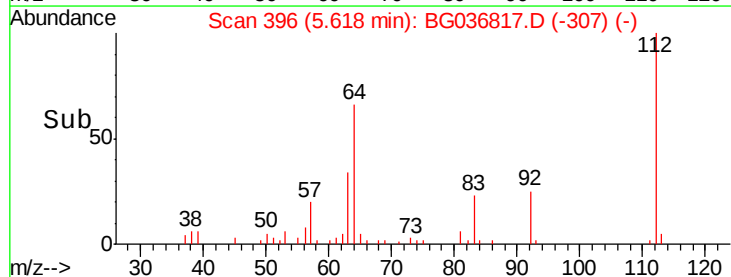


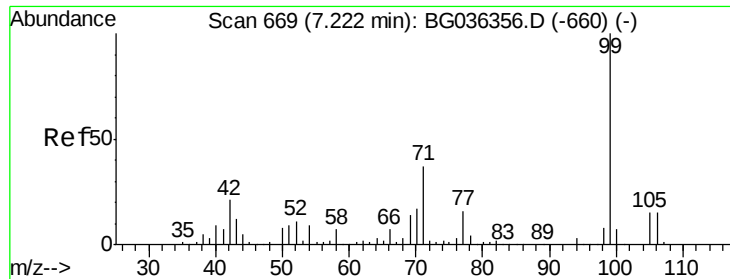
Abundance

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: 4.024 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036817.D

Acq: 19 Sep 2018 12:02

Instrument :

BNA_G

ClientSampleId :

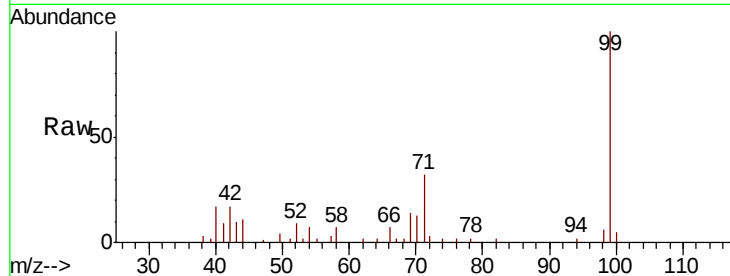
Tot Ion: 99 Resp: 18365

Ion Ratio Lower Upper

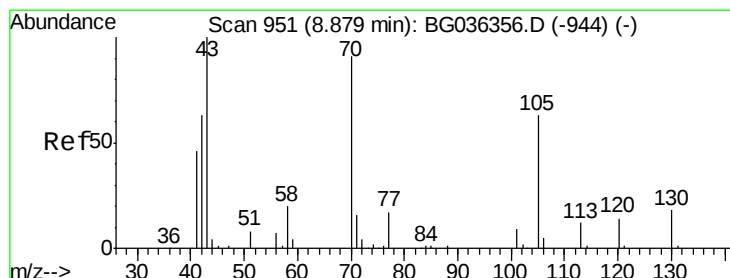
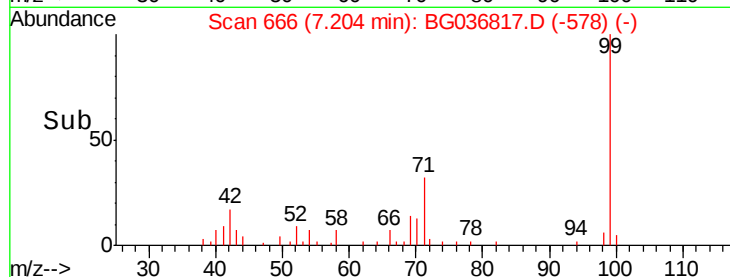
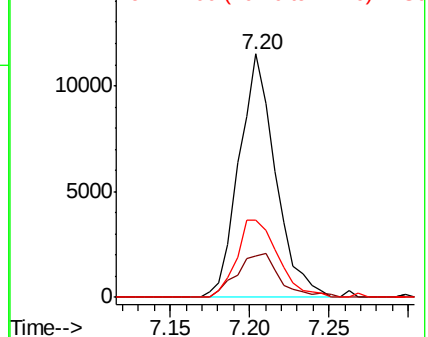
99 100

42 16.8 16.5 24.7

71 31.7 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: 4.275 ng

RT: 9.21 min Scan# 1007

Delta R.T. 0.34 min

Lab File: BG036817.D

Acq: 19 Sep 2018 12:02

Tgt Ion: 70 Resp: 14582

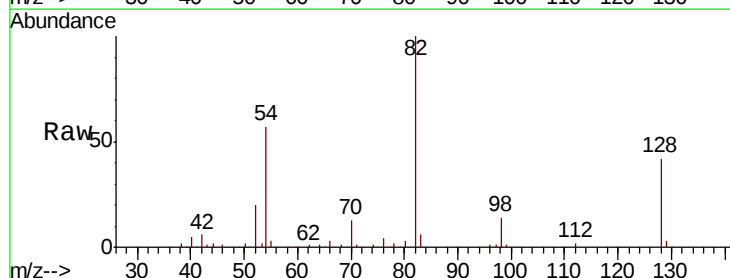
Ion Ratio Lower Upper

70 100

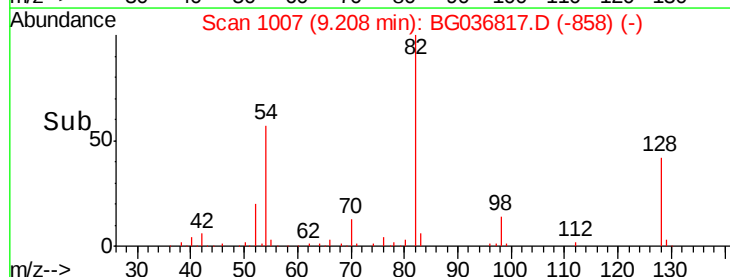
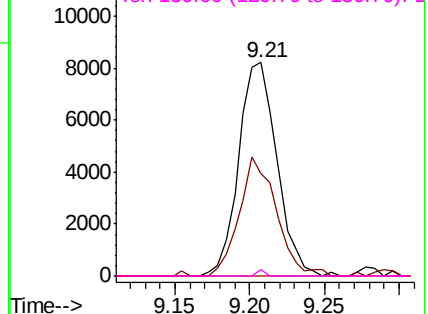
42 48.2 56.2 84.4#

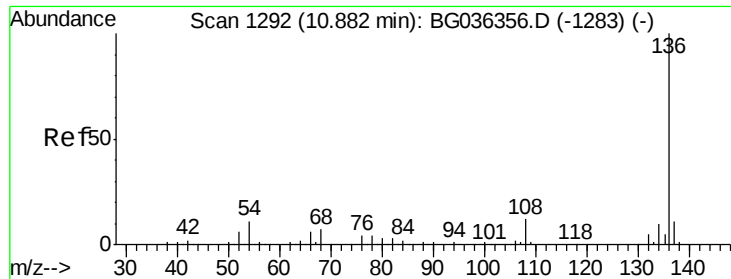
101 0.0 7.8 11.6#

130 2.8 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

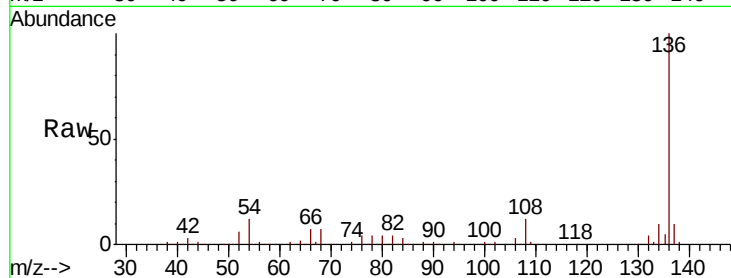




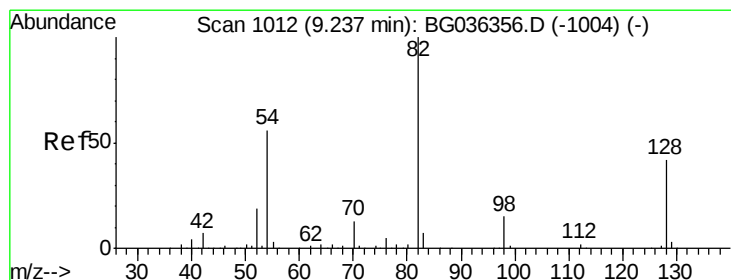
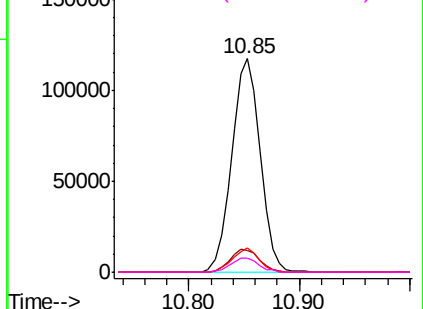
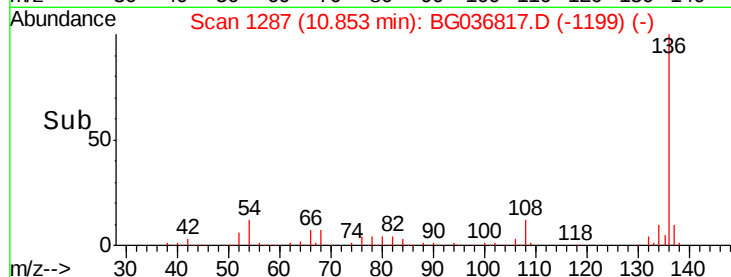
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BG036817.D
Acq: 19 Sep 2018 12:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	211863
Ion	Ratio	Lower Upper
136	100	
137	10.2	8.8 13.2
54	11.5	9.2 13.8
68	6.7	5.8 8.6

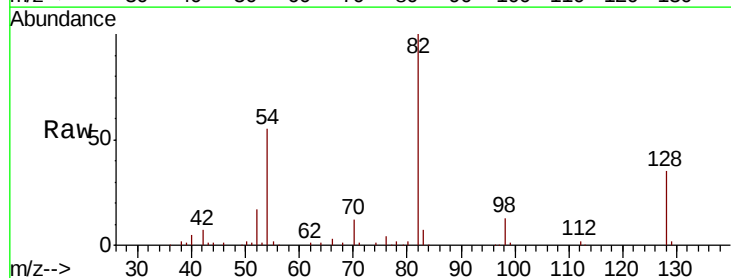


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

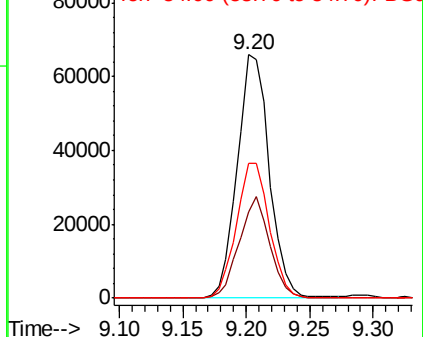
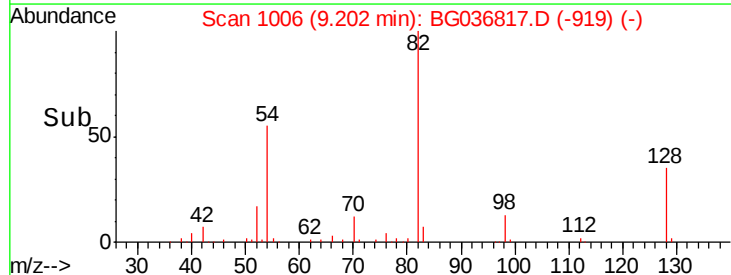


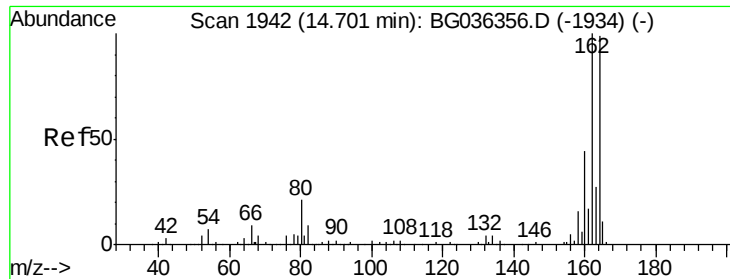
#23
Nitrobenzene-d5
Concen: 29.638 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BG036817.D
Acq: 19 Sep 2018 12:02

Tgt Ion: 82	Resp:	115732
Ion	Ratio	Lower Upper
82	100	
128	35.5	33.3 49.9
54	55.3	45.1 67.7



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

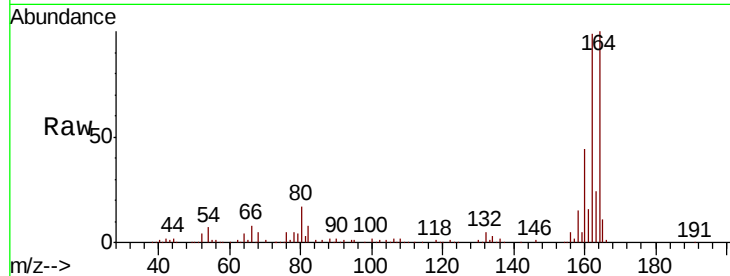




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.01 min
 Lab File: BG036817.D
 Acq: 19 Sep 2018 12:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	98.8	80.7	121.1
160	43.8	35.3	52.9

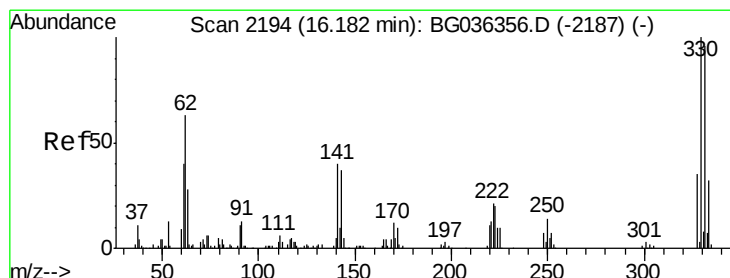
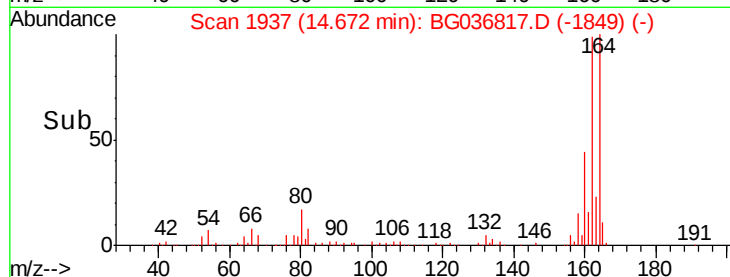
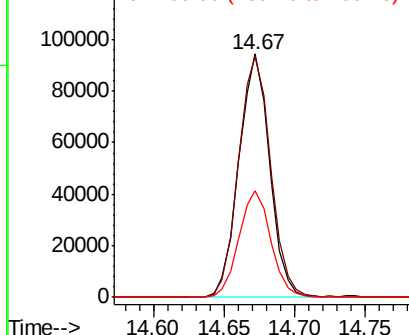


Abundance

Ion 164.00 (163.70 to 164.70): E

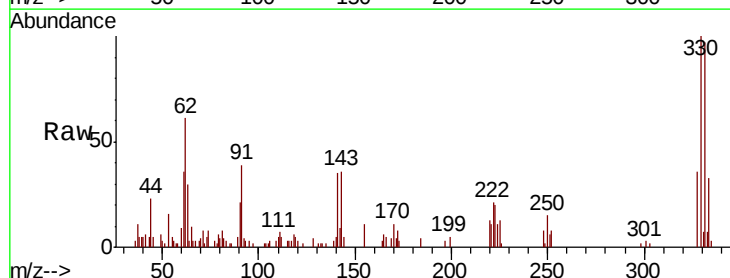
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41
 2,4,6-Tribromophenol
 Concen: 8.548 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG036817.D
 Acq: 19 Sep 2018 12:02

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	75.4	113.2
141	36.6	30.7	46.1

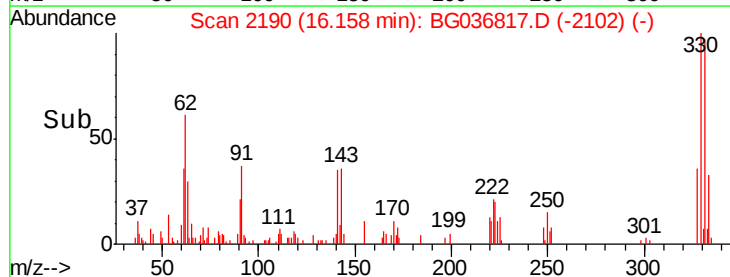
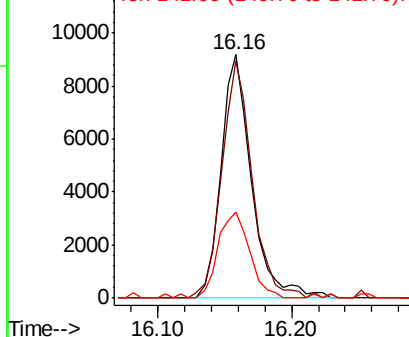


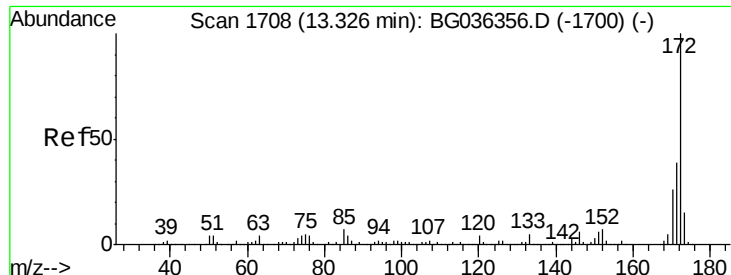
Abundance

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

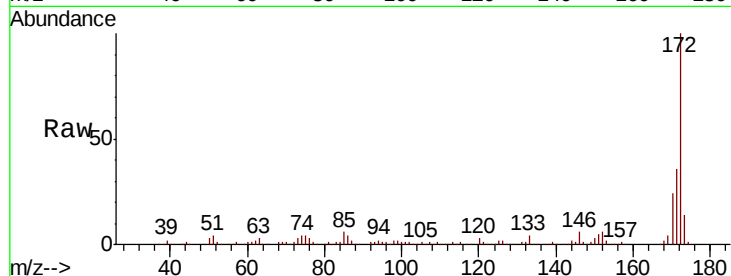




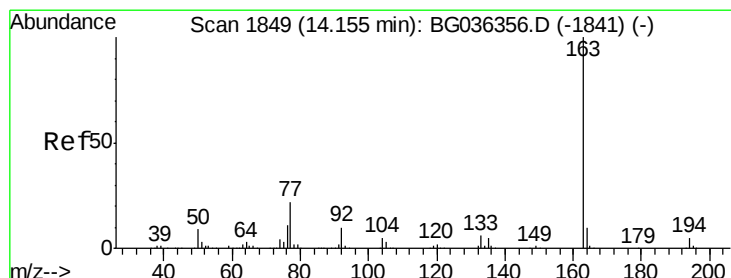
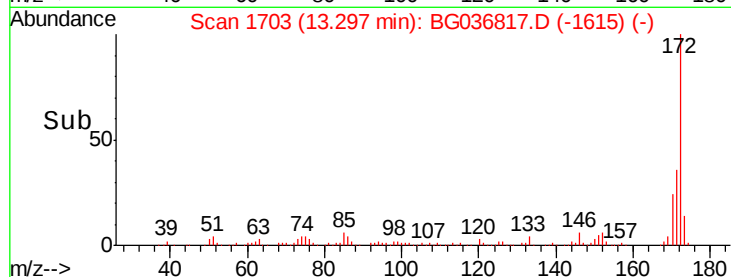
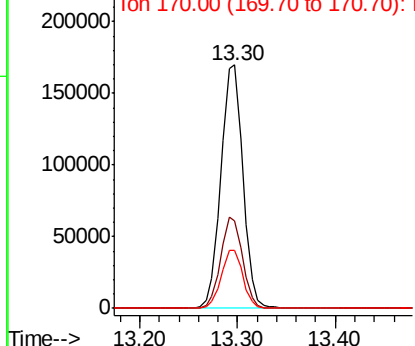
#44
2-Fluorobiphenyl
Concen: 26.459 ng
RT: 13.30 min Scan# 1703
Delta R.T. -0.01 min
Lab File: BG036817.D
Acq: 19 Sep 2018 12:02

Instrument :
BNA_G
ClientSampled :

Tot Ion:172 Resp: 266732
Ion Ratio Lower Upper
172 100
171 35.9 31.3 46.9
170 23.8 21.0 31.6

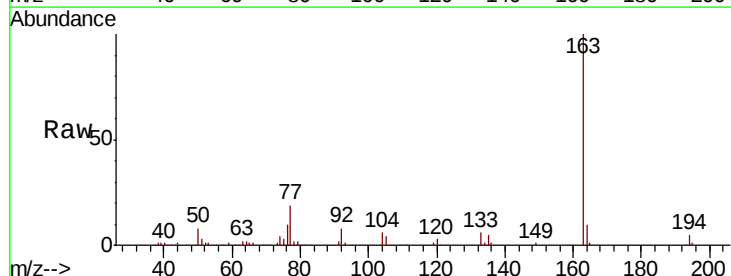


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

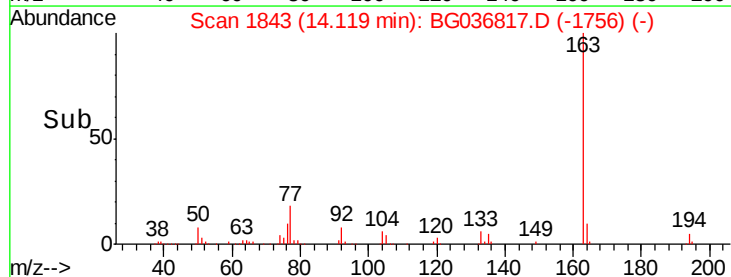
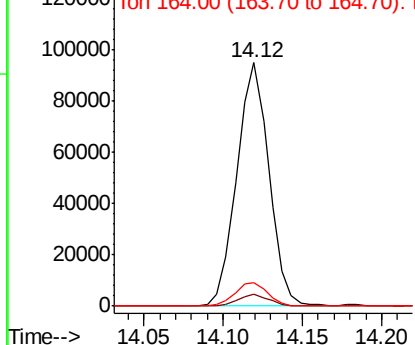


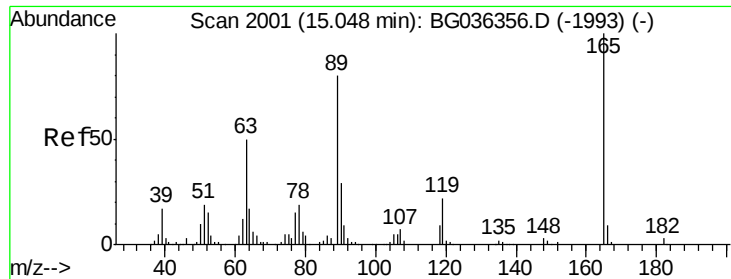
#49
Dimethylphthalate
Concen: 11.384 ng
RT: 14.12 min Scan# 1843
Delta R.T. -0.02 min
Lab File: BG036817.D
Acq: 19 Sep 2018 12:02

Tgt Ion:163 Resp: 133803
Ion Ratio Lower Upper
163 100
194 4.8 4.0 6.0
164 9.8 8.1 12.1



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

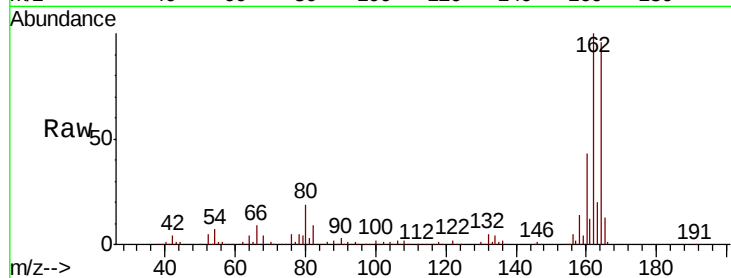




#56
 2,4-Dinitrotoluene
 Concen: 5.524 ng
 RT: 14.67 min Scan# 1936
 Delta R.T. -0.37 min
 Lab File: BG036817.D
 Acq: 19 Sep 2018 12:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.6	40.1	60.1#
89	1.8	63.7	95.5#
182	0.0	2.5	3.7#



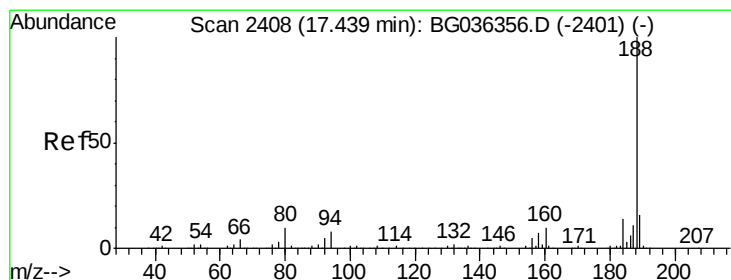
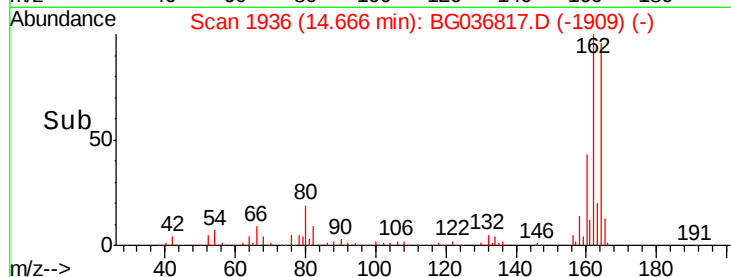
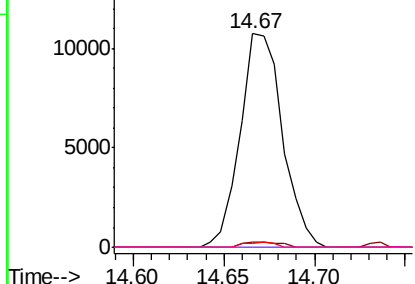
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

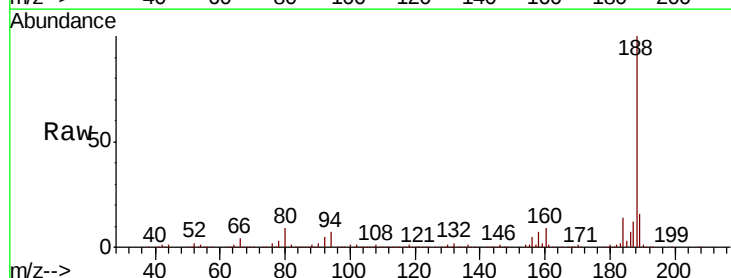
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2404
 Delta R.T. -0.01 min
 Lab File: BG036817.D
 Acq: 19 Sep 2018 12:02

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.7	10.1
80	9.0	8.1	12.1

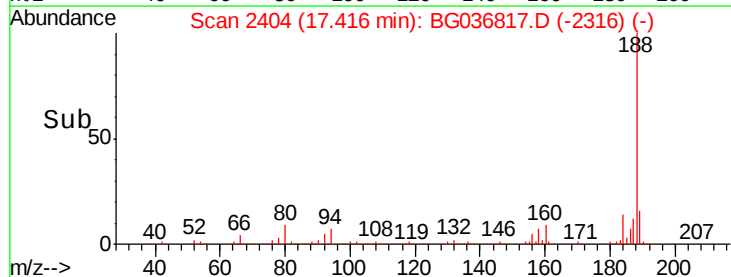
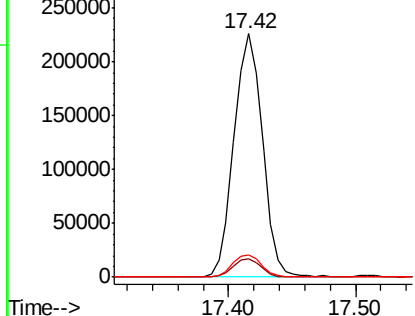


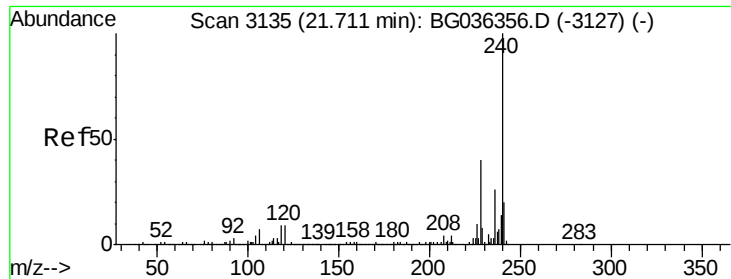
Abundance

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: 21.68 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BG036817.D

Acq: 19 Sep 2018 12:02

Instrument :

BNA_G

ClientSampleId :

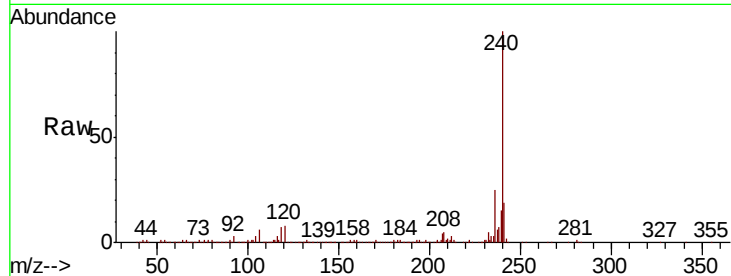
Tot Ion:240 Resp: 360116

Ion Ratio Lower Upper

240 100

120 8.1 6.9 10.3

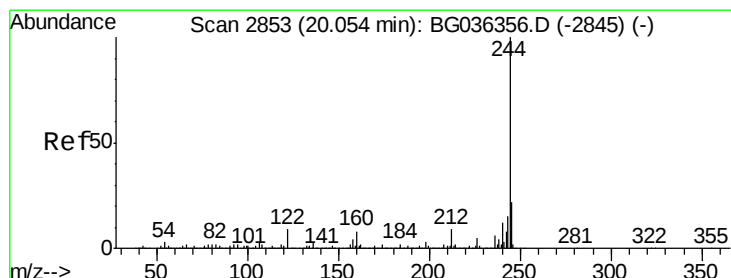
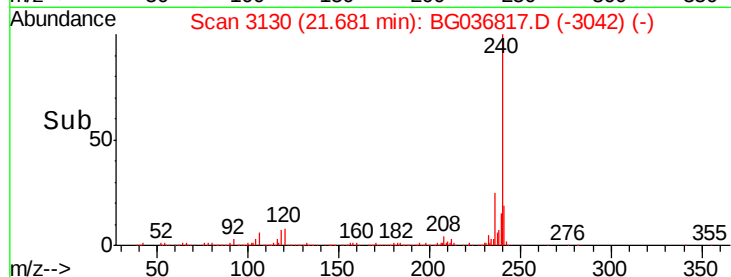
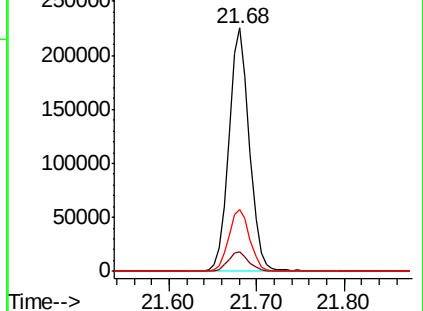
236 25.2 21.2 31.8



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: 30.591 ng

RT: 20.02 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG036817.D

Acq: 19 Sep 2018 12:02

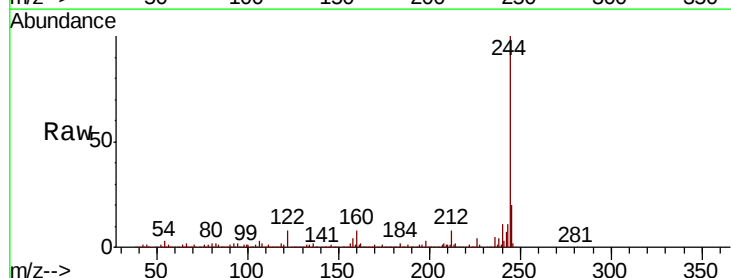
Tgt Ion:244 Resp: 471313

Ion Ratio Lower Upper

244 100

212 8.3 7.0 10.6

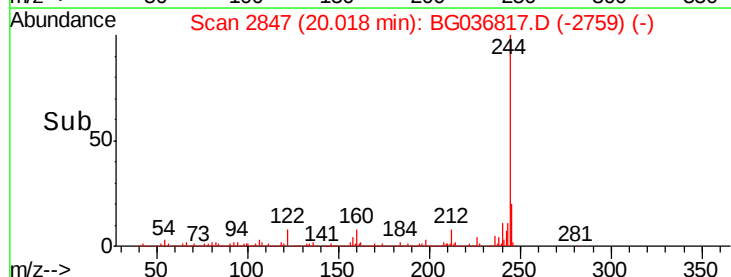
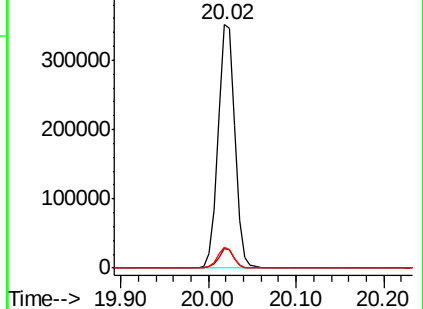
122 8.4 7.1 10.7

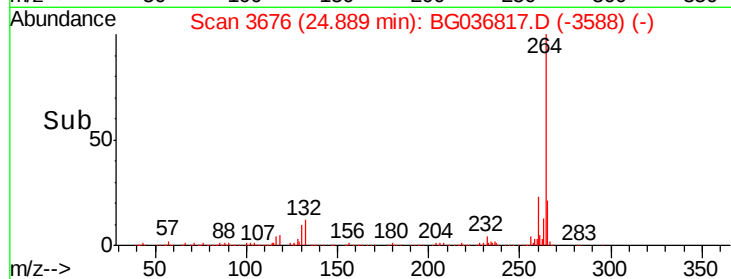
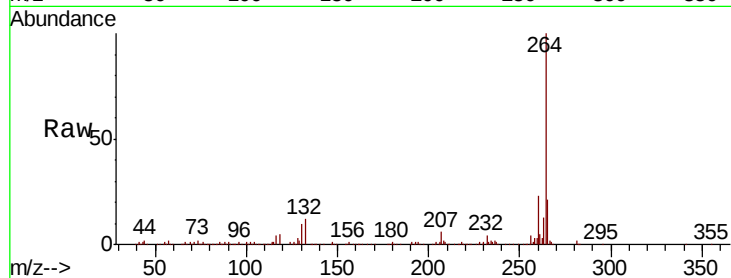
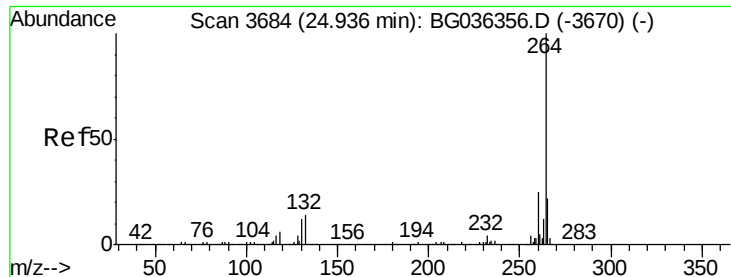


Abundance Ion 244.00 (243.70 to 244.70): E

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. -0.01 min

Lab File: BG036817.D

Acq: 19 Sep 2018 12:02

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 264 Resp: 373495

Ion Ratio Lower Upper

264 100

260 23.3 19.6 29.4

265 21.0 17.4 26.0

