

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092518\
 Data File : BG036951.D
 Acq On : 25 Sep 2018 16:23
 Operator : JU/SJ
 Sample : J5055-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-B

Quant Time: Sep 25 17:50:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

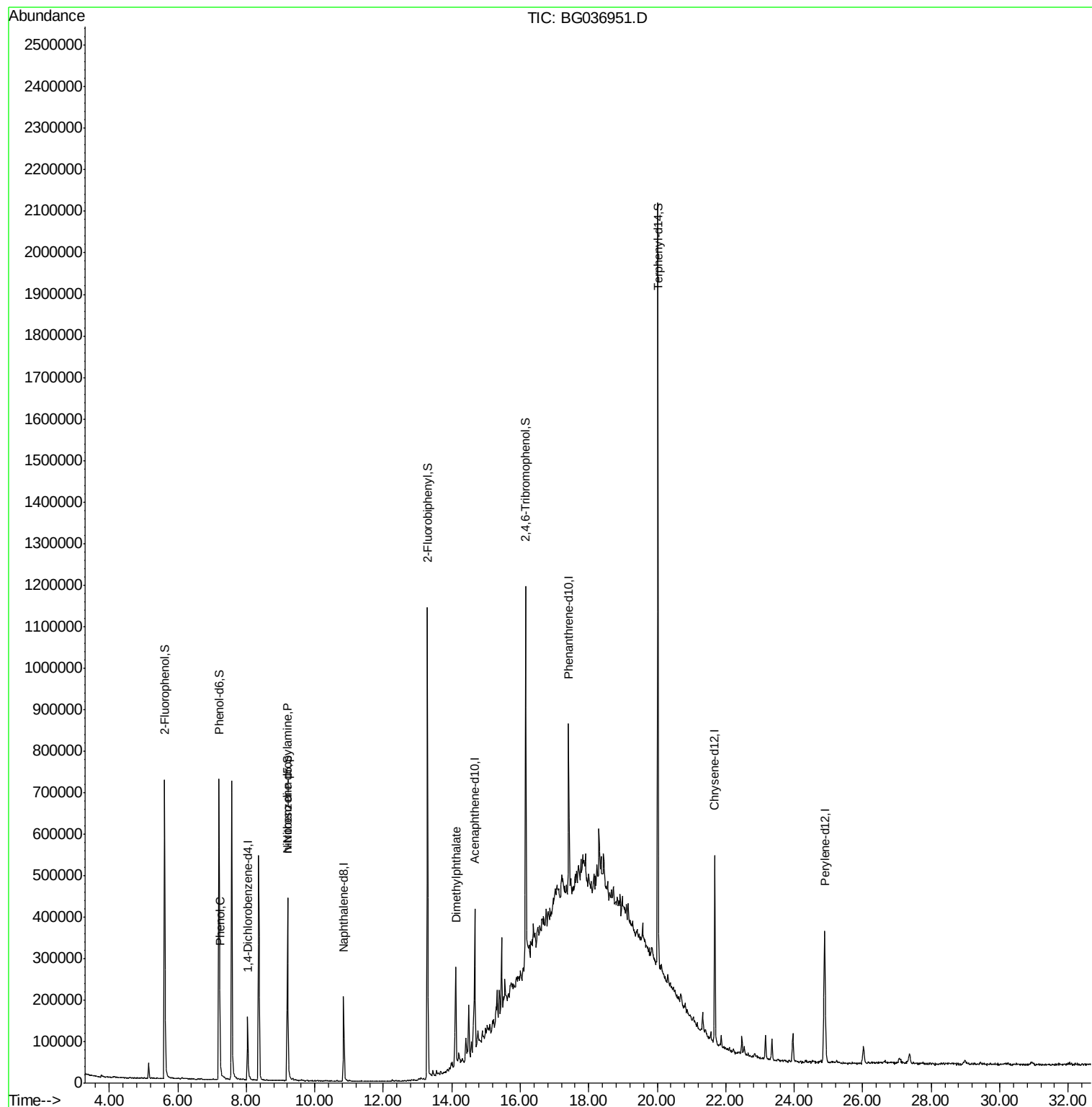
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	46346	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	192225	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	120085	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	259385	20.00	ng	0.00
75) Chrysene-d12	21.68	240	293835	20.00	ng	-0.01
86) Perylene-d12	24.89	264	314194	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	331583	137.21	ng	0.00
7) Phenol-d6	7.21	99	468763	125.37	ng	0.00
23) Nitrobenzene-d5	9.20	82	310285	86.44	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	181769	126.51	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	641312	79.54	ng	0.00
78) Terphenyl-d14	20.02	244	879089	78.67	ng	0.00
Target Compounds						
10) Phenol	7.23	94	11967	3.101	ng	# 74
19) n-Nitroso-di-n-propylamine	9.20	70	40855	13.135	ng	# 69
49) Dimethylphthalate	14.12	163	167246	17.302	ng	99

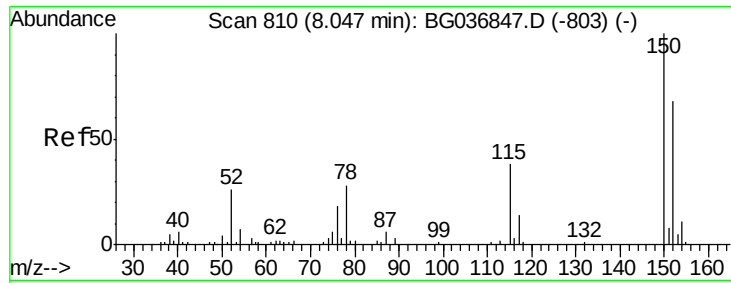
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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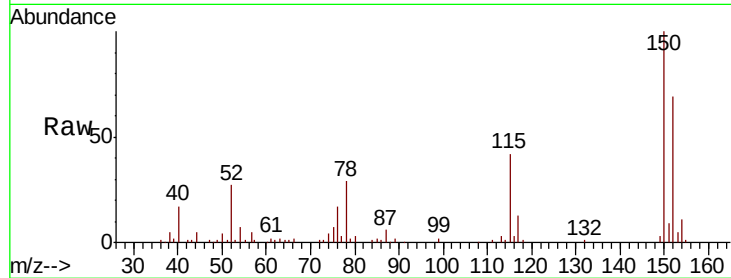


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.01 min
Lab File: BG036951.D
Acq: 25 Sep 2018 16:23

Instrument :
BNA_G
ClientSampled :
TP-B

Tot Ion	152	Resp	46346
Ion Ratio	100	Lower	Upper
150	145.8	119.5	179.3
115	60.6	44.5	66.7

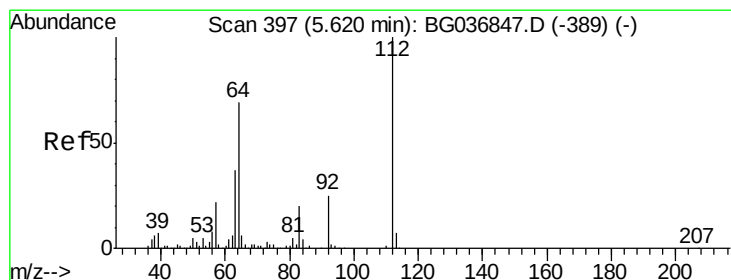
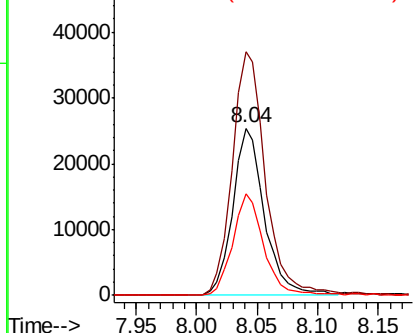
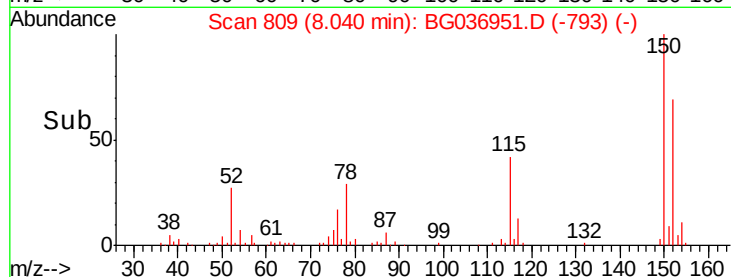


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

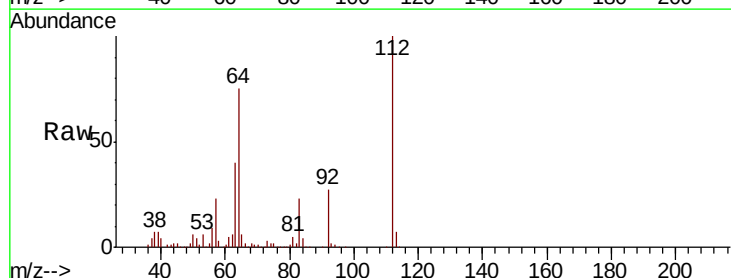
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 137.208 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG036951.D
Acq: 25 Sep 2018 16:23

Tgt Ion	112	Resp	331583
Ion Ratio	100	Lower	Upper
64	74.6	57.2	85.8
63	39.9	30.8	46.2

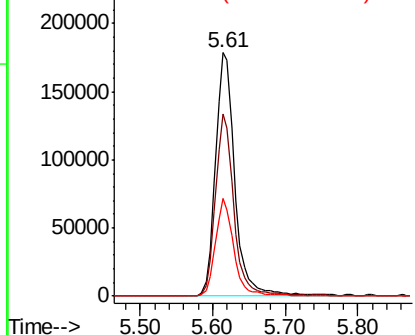
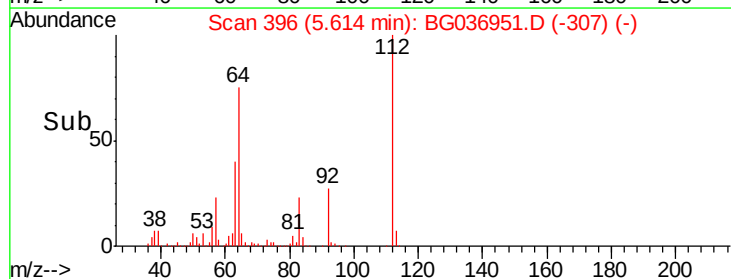


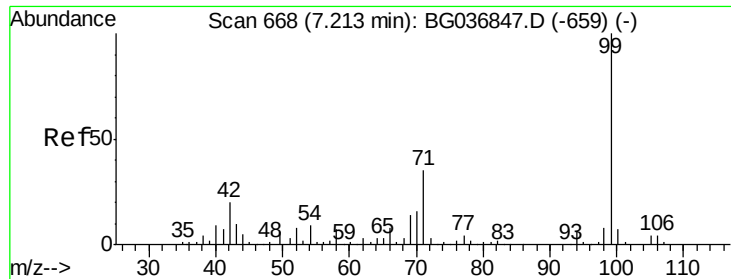
Abundance

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: 125.373 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036951.D

Acq: 25 Sep 2018 16:23

Instrument :

BNA_G

ClientSampleId :

TP-B

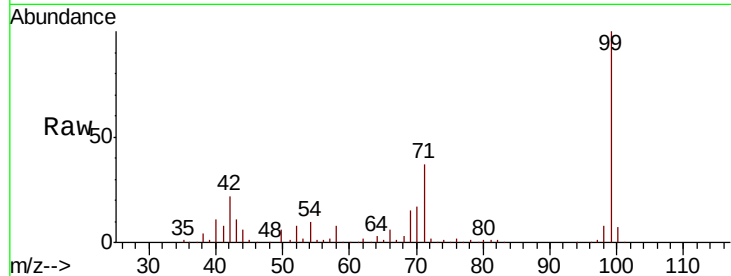
Tot Ion: 99 Resp: 468763

Ion Ratio Lower Upper

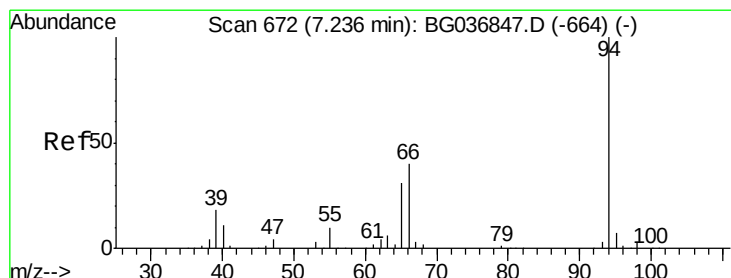
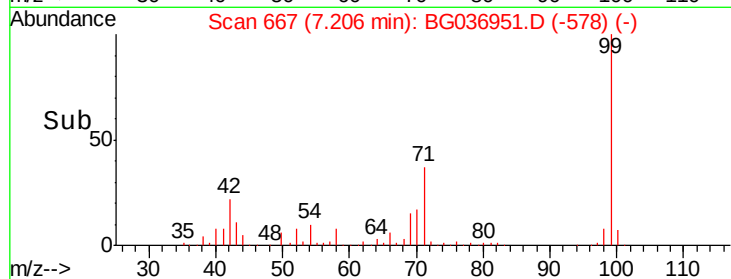
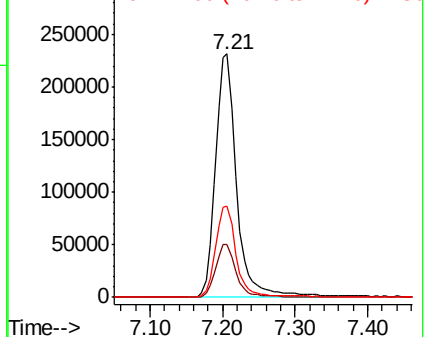
99 100

42 21.7 16.5 24.7

71 37.4 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



#10

Phenol

Concen: 3.101 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.01 min

Lab File: BG036951.D

Acq: 25 Sep 2018 16:23

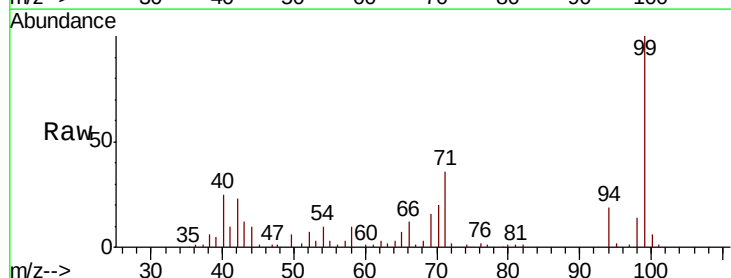
Tgt Ion: 94 Resp: 11967

Ion Ratio Lower Upper

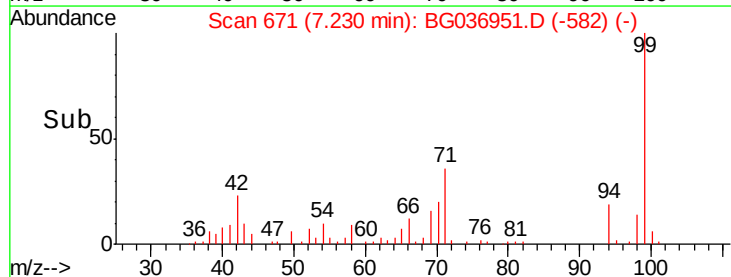
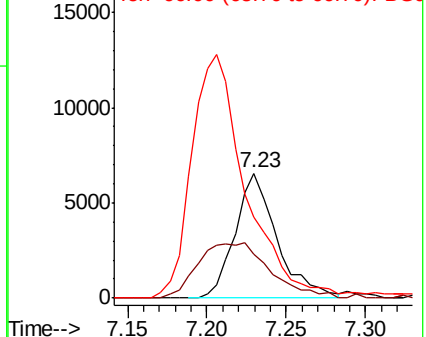
94 100

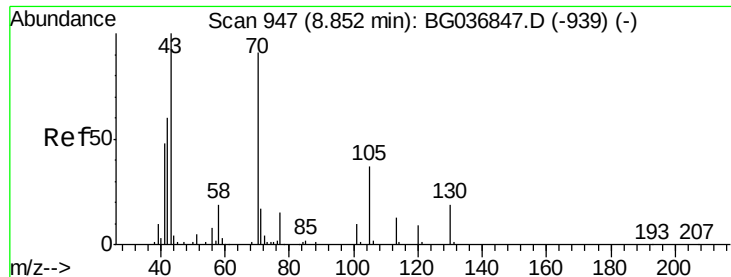
65 35.1 11.5 51.5

66 64.6 19.5 59.5#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

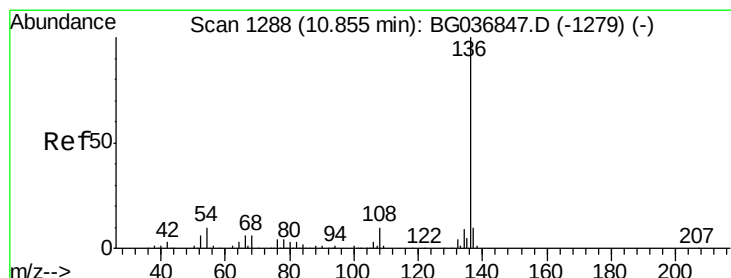
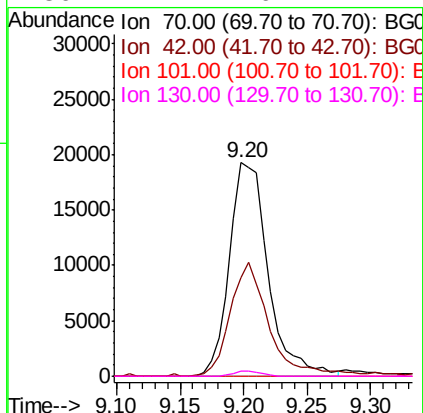
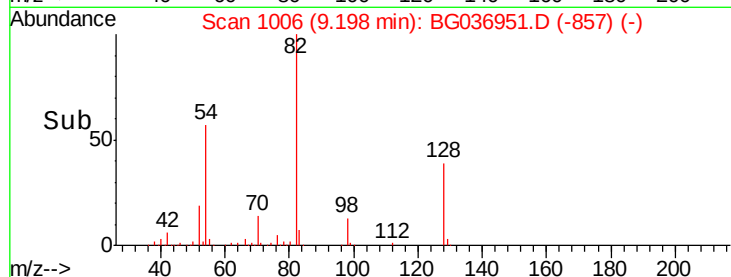
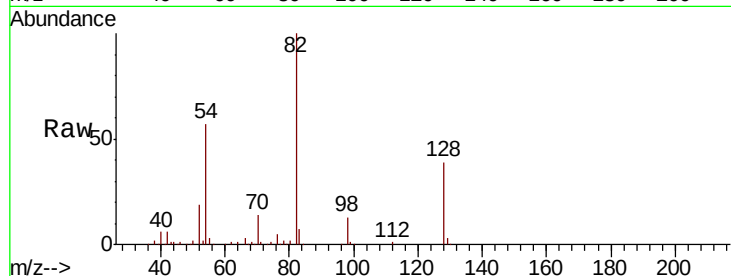




#19
n-Nitroso-di-n-propylamine
Concen: 13.135 ng
RT: 9.20 min Scan# 1006
Delta R.T. 0.35 min
Lab File: BG036951.D
Acq: 25 Sep 2018 16:23

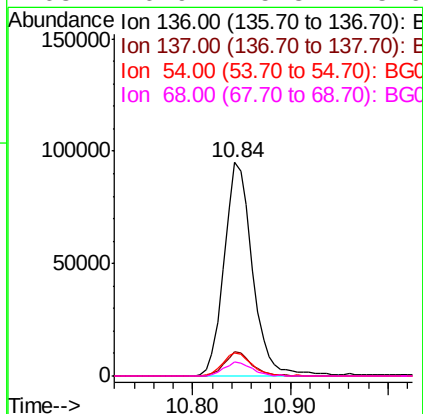
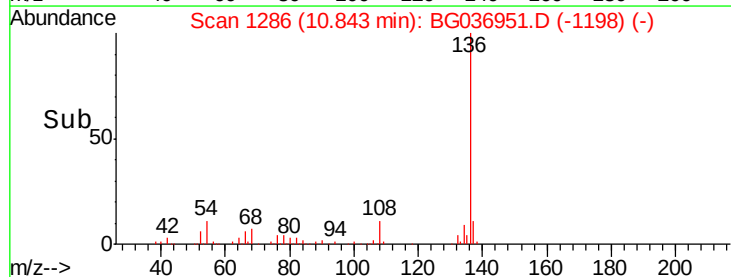
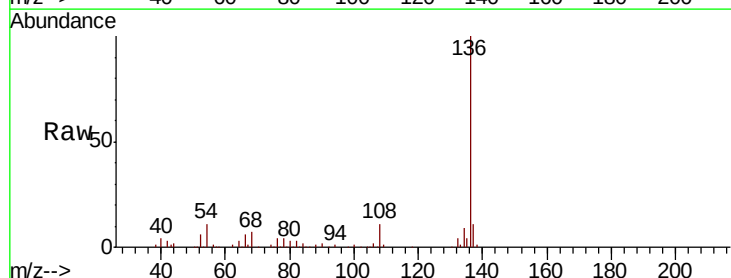
Instrument :
BNA_G
ClientSampled :
TP-B

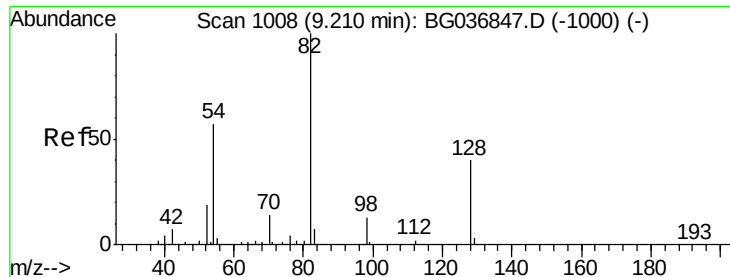
Tot Ion: 70 Resp: 40855
Ion Ratio Lower Upper
70 100
42 46.4 56.2 84.4#
101 0.0 7.8 11.6#
130 2.4 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BG036951.D
Acq: 25 Sep 2018 16:23

Tgt Ion: 136 Resp: 192225
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 10.8 9.2 13.8
68 6.9 5.8 8.6





#23

Nitrobenzene-d5

Concen: 86.441 ng

RT: 9.20 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BG036951.D

Acq: 25 Sep 2018 16:23

Instrument :

BNA_G

ClientSampleId :

TP-B

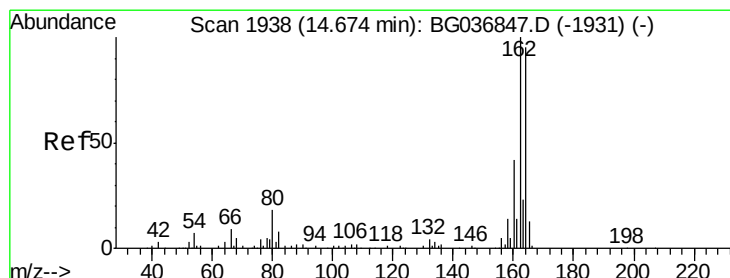
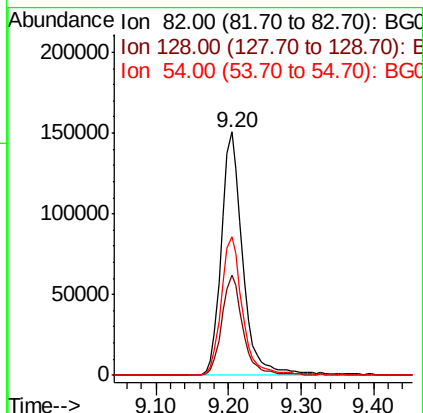
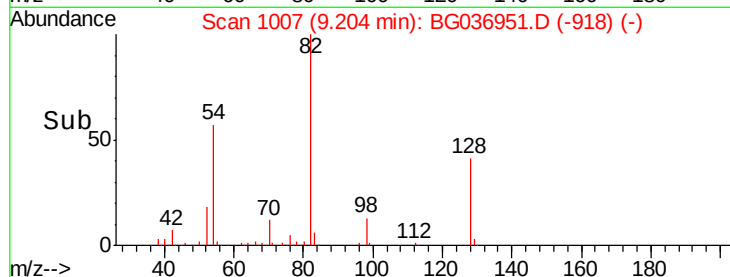
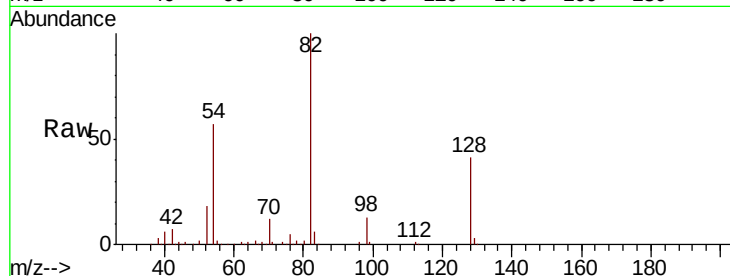
Tot Ion: 82 Resp: 310285

Ion Ratio Lower Upper

82 100

128 41.2 33.3 49.9

54 56.9 45.1 67.7



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1937

Delta R.T. -0.01 min

Lab File: BG036951.D

Acq: 25 Sep 2018 16:23

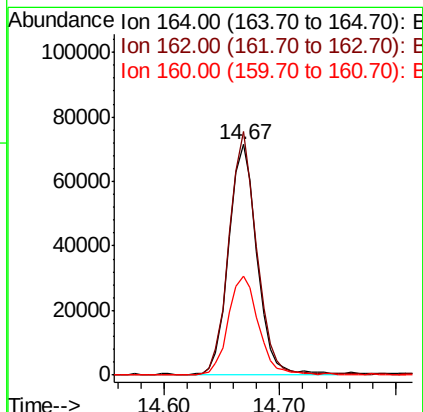
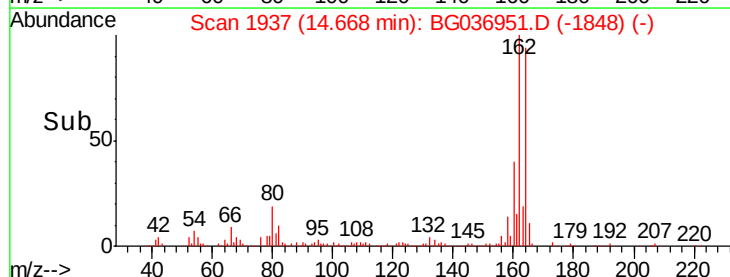
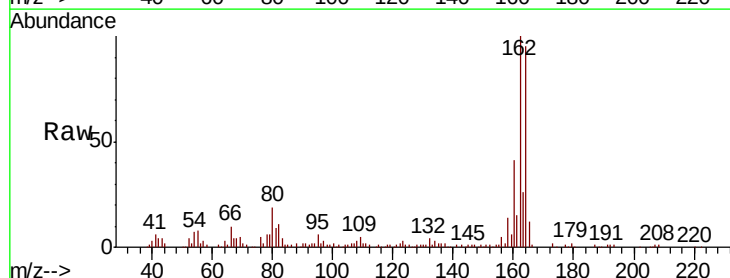
Tgt Ion: 164 Resp: 120085

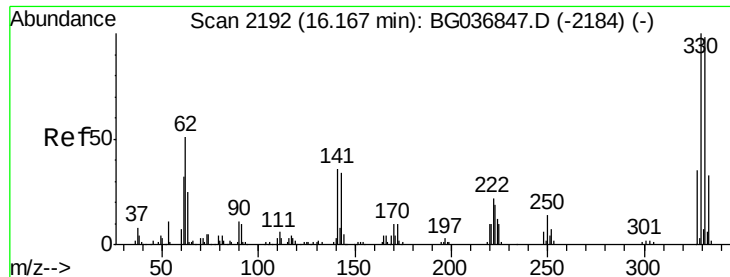
Ion Ratio Lower Upper

164 100

162 105.8 80.7 121.1

160 43.0 35.3 52.9

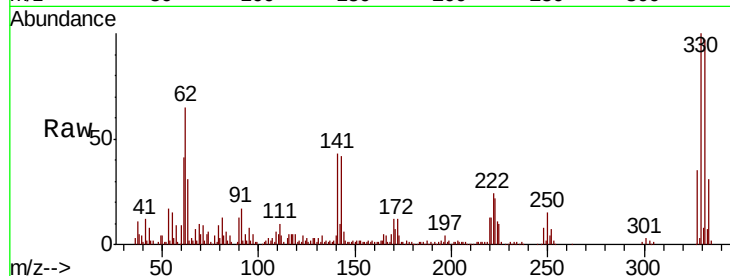




#41
 2,4,6-Tribromophenol
 Concen: 126.515 ng
 RT: 16.15 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG036951.D
 Acq: 25 Sep 2018 16:23

Instrument :
 BNA_G
 ClientSampleId :
 TP-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	75.4	113.2
141	38.9	30.7	46.1

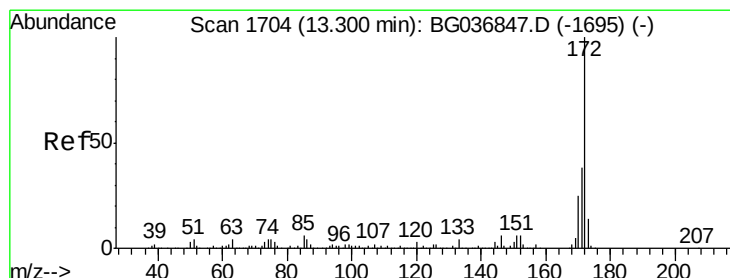
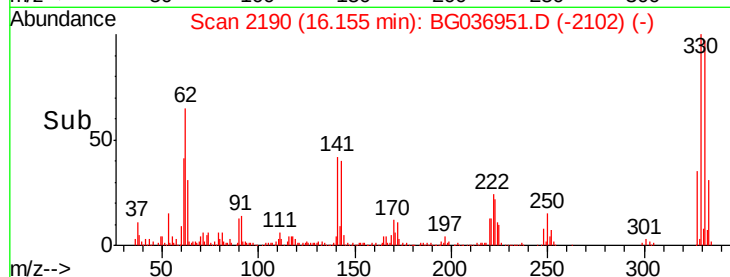
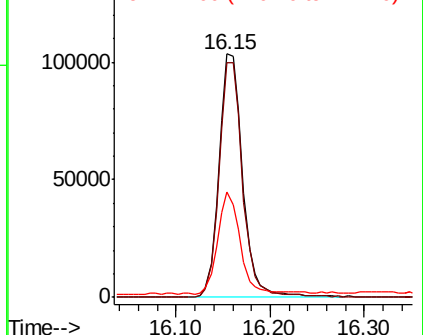


Abundance

Ion 329.80 (329.50 to 330.50): E

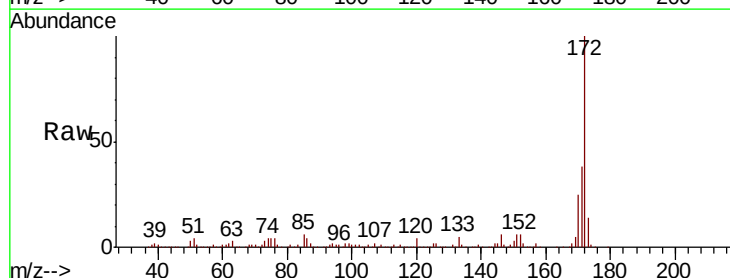
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 79.541 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG036951.D
 Acq: 25 Sep 2018 16:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	31.3	46.9
170	25.0	21.0	31.6

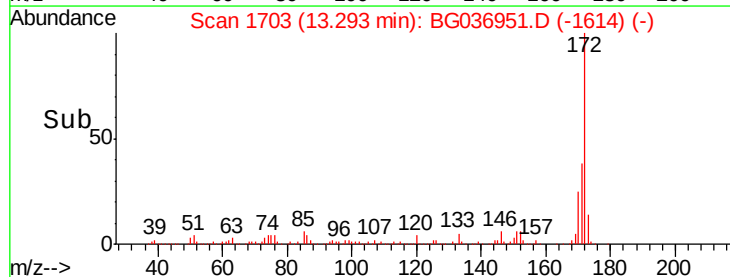
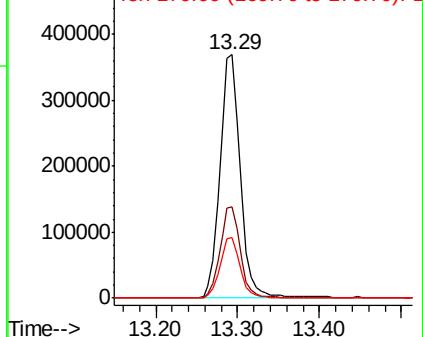


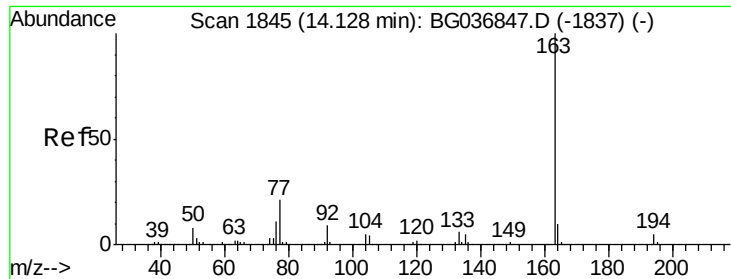
Abundance

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: 17.302 ng

RT: 14.12 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BG036951.D

Acq: 25 Sep 2018 16:23

Instrument :

BNA_G

ClientSampleId :

TP-B

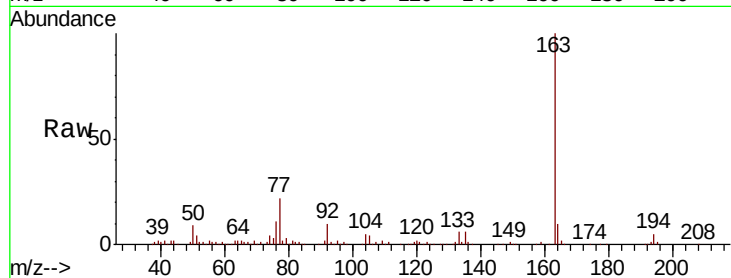
Tot Ion:163 Resp: 167246

Ion Ratio Lower Upper

163 100

194 4.7 4.0 6.0

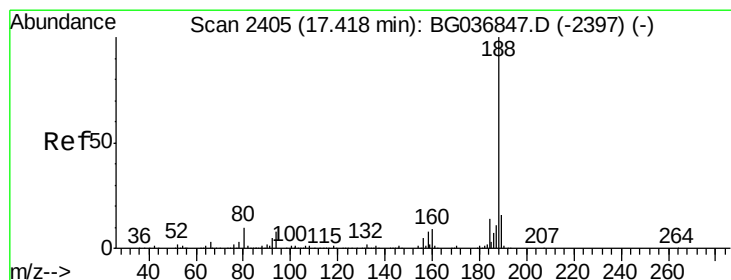
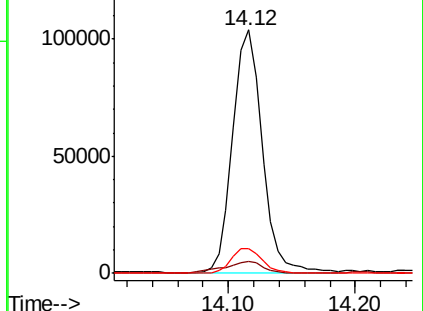
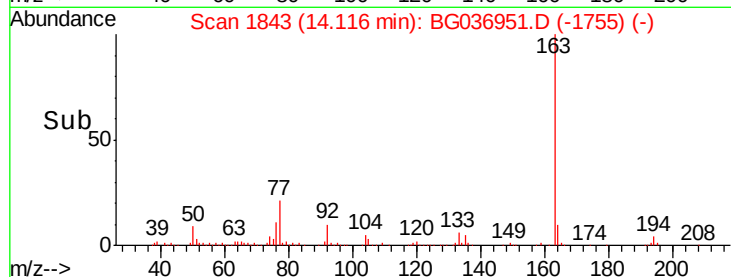
164 10.0 8.1 12.1



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2404

Delta R.T. -0.01 min

Lab File: BG036951.D

Acq: 25 Sep 2018 16:23

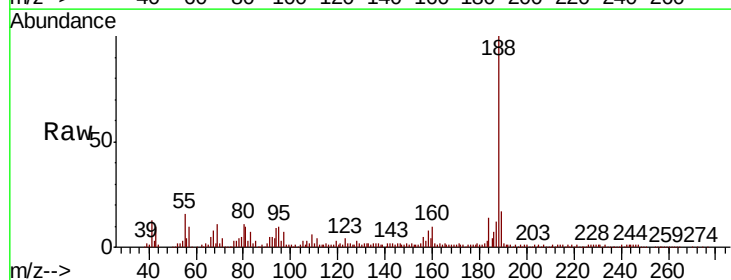
Tgt Ion:188 Resp: 259385

Ion Ratio Lower Upper

188 100

94 8.7 6.7 10.1

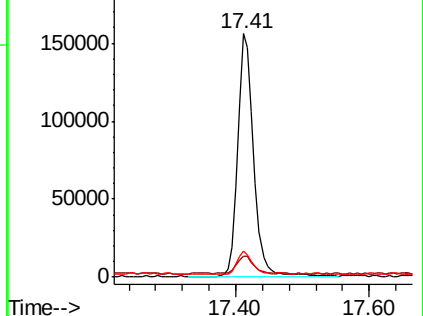
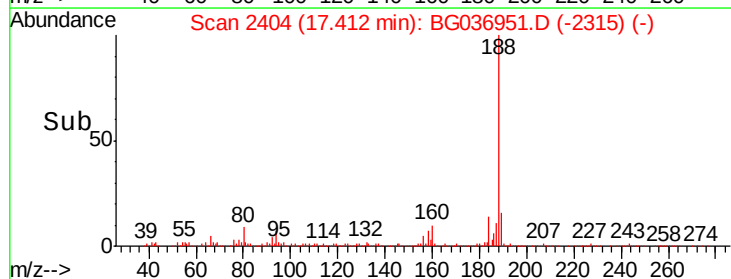
80 10.6 8.1 12.1

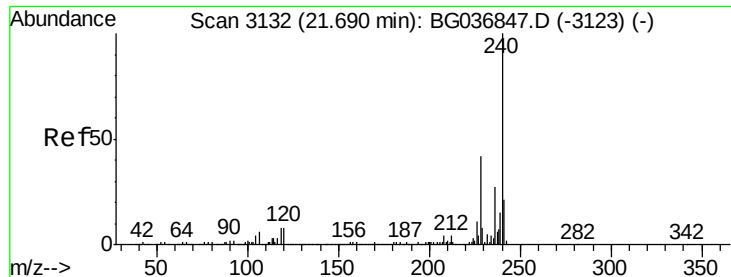


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG036951.D

Acq: 25 Sep 2018 16:23

Instrument :

BNA_G

ClientSampleId :

TP-B

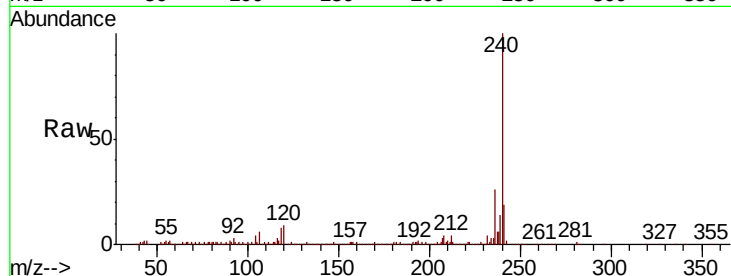
Tot Ion:240 Resp: 293835

Ion Ratio Lower Upper

240 100

120 8.6 6.9 10.3

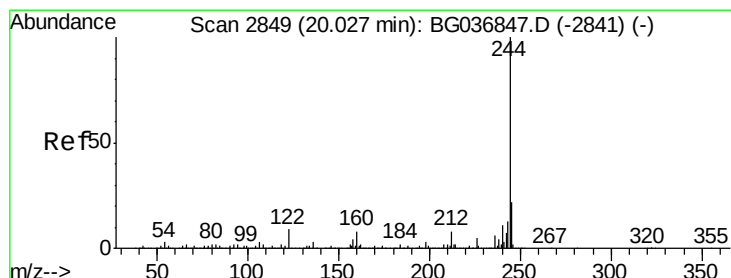
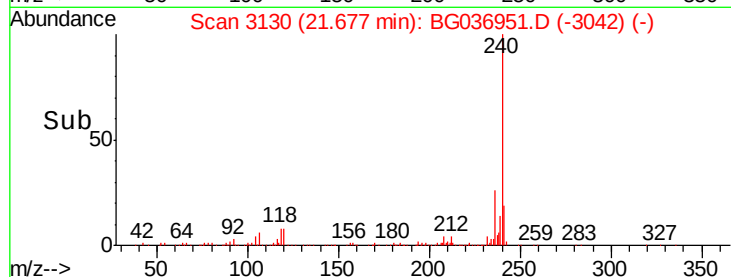
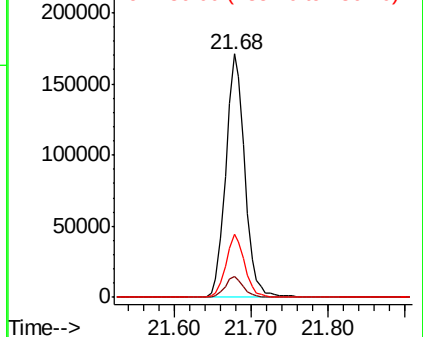
236 25.8 21.2 31.8



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: 78.669 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036951.D

Acq: 25 Sep 2018 16:23

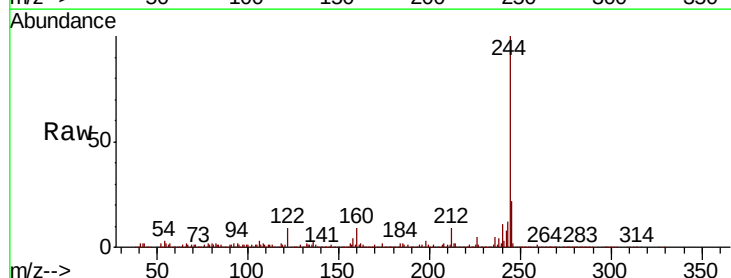
Tgt Ion:244 Resp: 879089

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.6

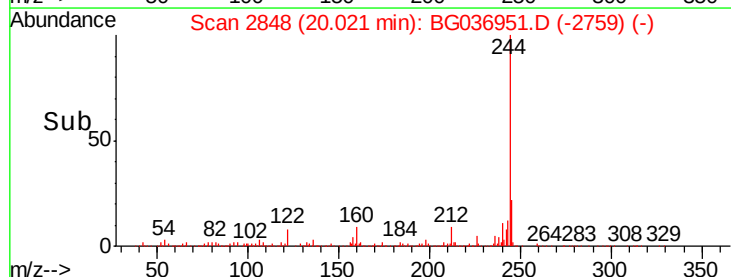
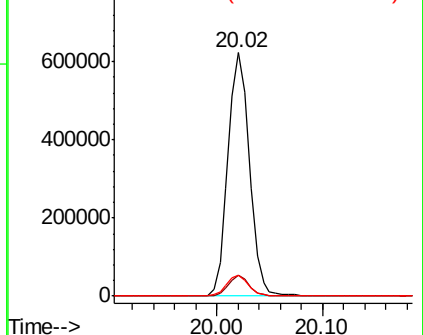
122 8.7 7.1 10.7

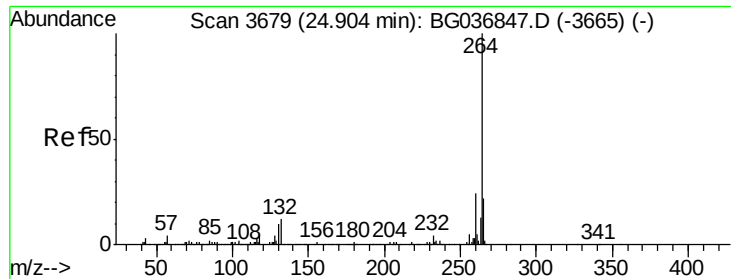


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG036951.D
Acq: 25 Sep 2018 16:23

Instrument :
BNA_G
ClientSampleId :
TP-B

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	23.5	19.6	29.4	
265	21.0	17.4	26.0	

