

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG092418\
 Data File : BG036922.D
 Acq On : 24 Sep 2018 17:52
 Operator : JU/SJ
 Sample : J4770-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 25 06:08:38 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

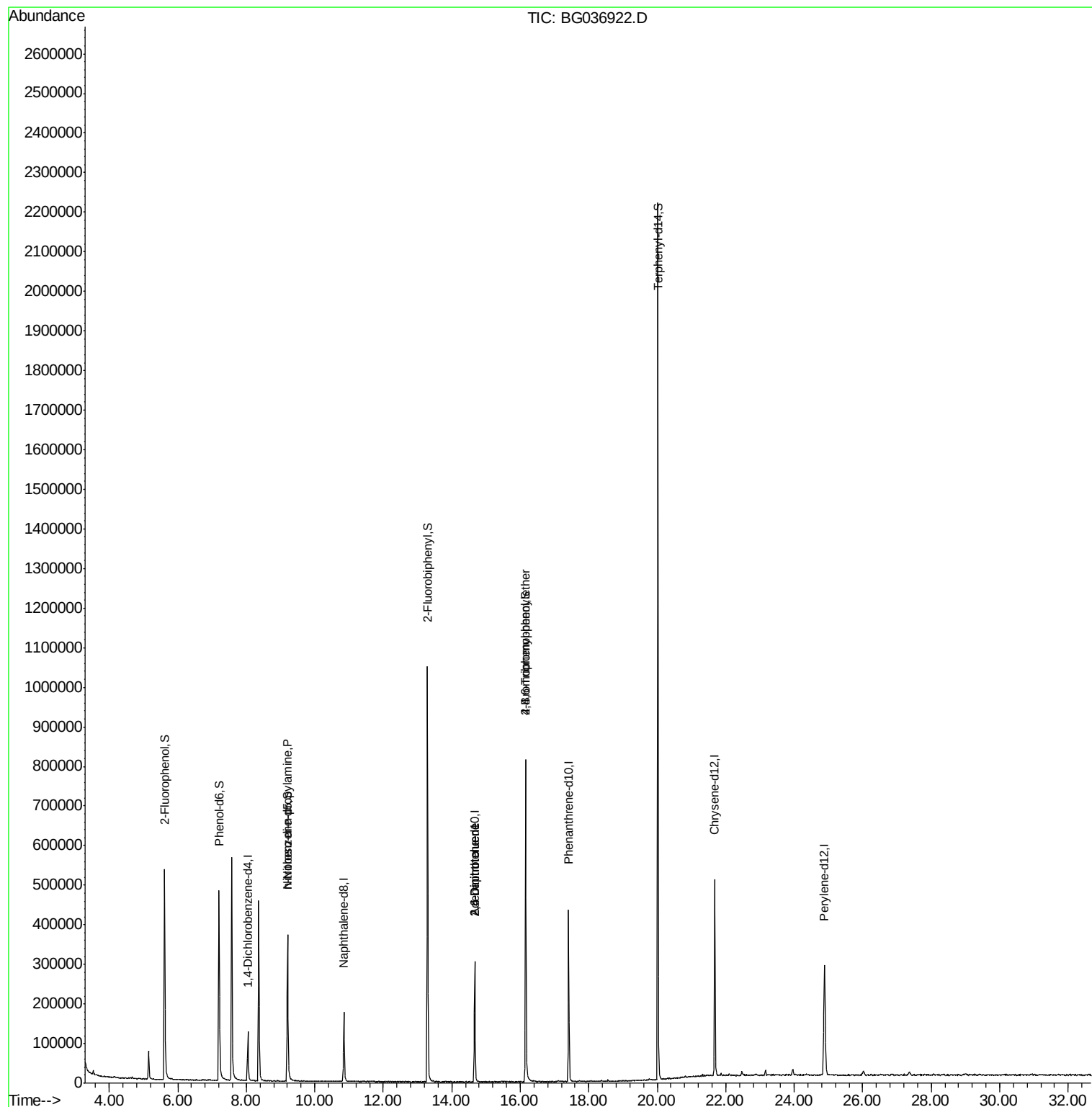
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	39747	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	168385	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	113578	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	300438	20.00	ng	0.00
75) Chrysene-d12	21.68	240	318019	20.00	ng	-0.01
86) Perylene-d12	24.88	264	320369	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	246627	119.00	ng	0.00
7) Phenol-d6	7.20	99	315176	98.29	ng	-0.01
23) Nitrobenzene-d5	9.20	82	262501	83.48	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	157667	116.03	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	598834	78.53	ng	0.00
78) Terphenyl-d14	20.02	244	1101451	91.07	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	34150	12.802	ng	# 75
50) 2,6-Dinitrotoluene	14.67	165	14386	7.212	ng	# 21
56) 2,4-Dinitrotoluene	14.67	165	14386	5.169	ng	# 19
66) 4-Bromophenyl-phenylether	16.16	248	11299	3.306	ng	# 1

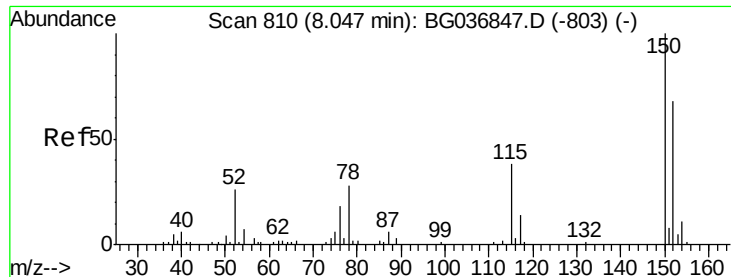
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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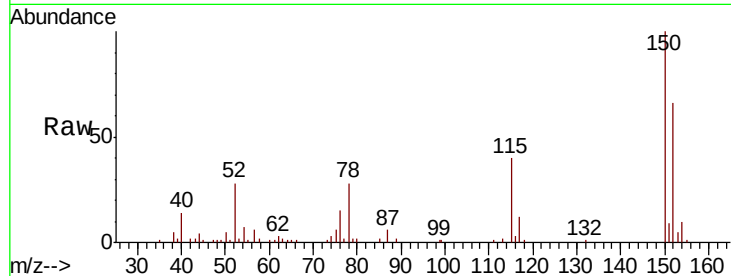


#1

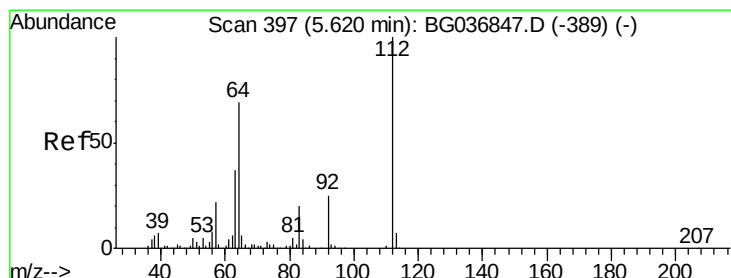
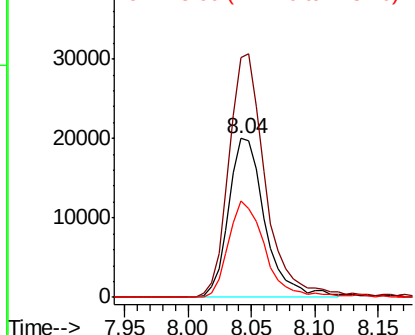
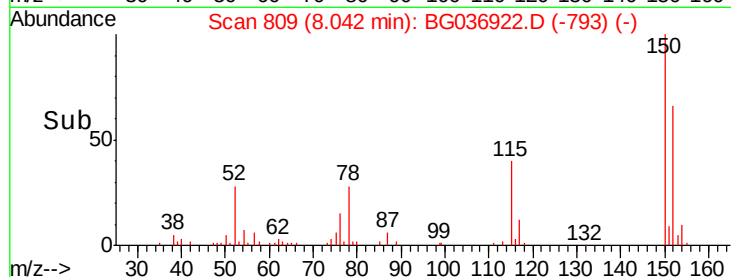
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.01 min
Lab File: BG036922.D
Acq: 24 Sep 2018 17:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 39747
Ion Ratio Lower Upper
152 100
150 151.0 119.5 179.3
115 60.5 44.5 66.7



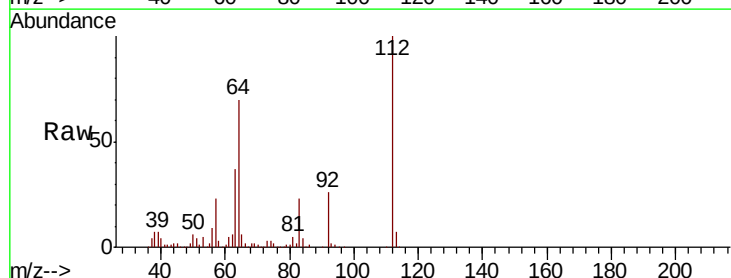
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



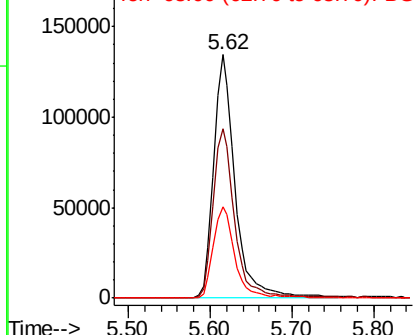
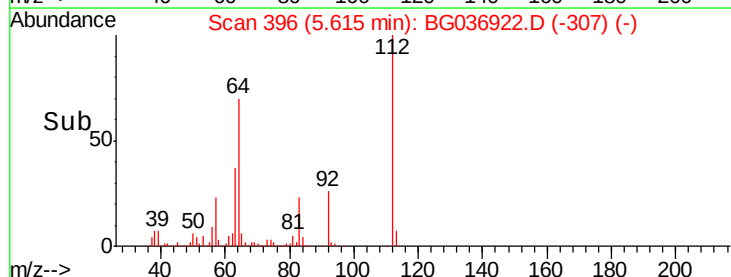
#5

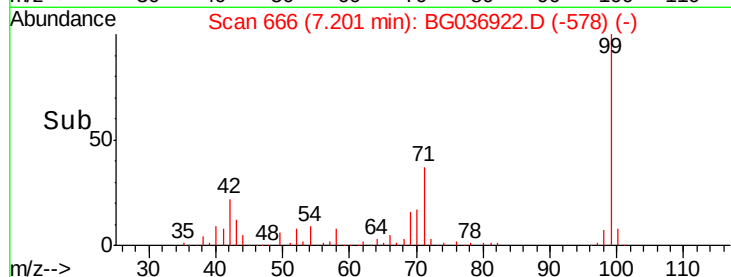
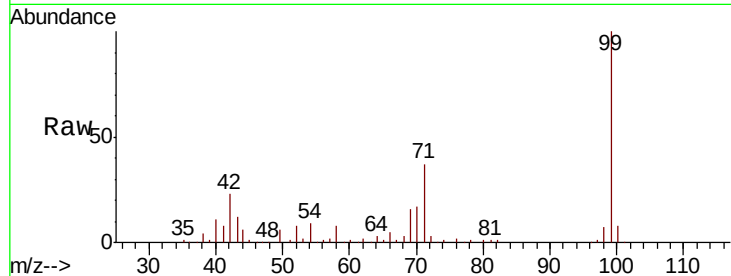
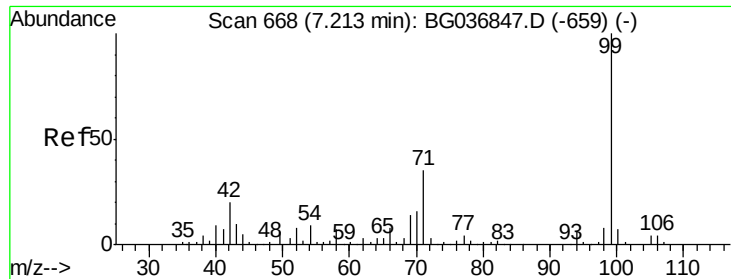
2-Fluorophenol
Concen: 118.997 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG036922.D
Acq: 24 Sep 2018 17:52

Tgt Ion:112 Resp: 246627
Ion Ratio Lower Upper
112 100
64 69.8 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): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 98.290 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036922.D

Acq: 24 Sep 2018 17:52

Instrument :

BNA_G

ClientSampleId :

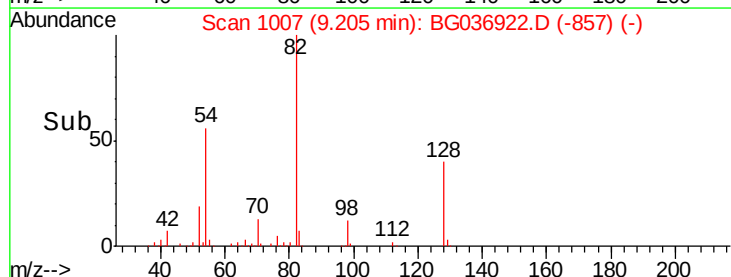
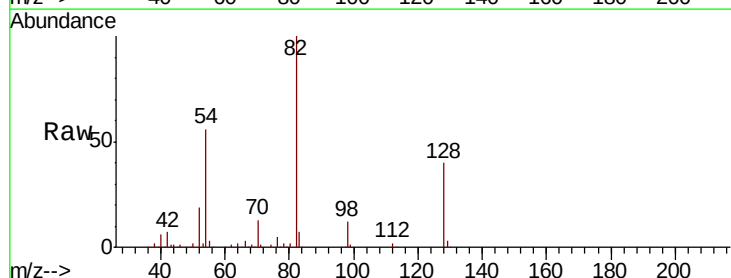
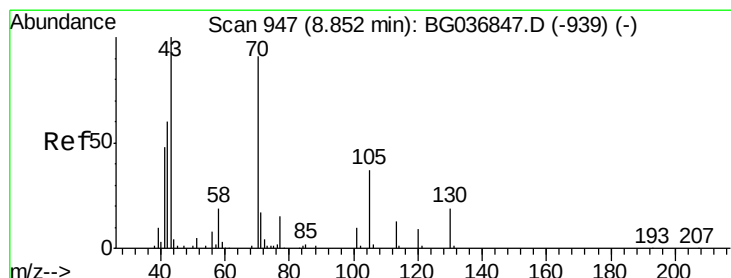
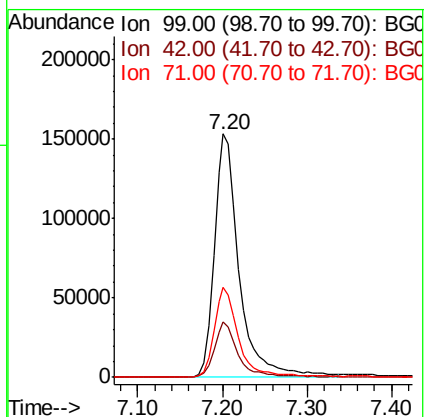
Tgt Ion: 99 Resp: 315176

Ion Ratio Lower Upper

99 100

42 22.6 16.5 24.7

71 36.8 29.4 44.2



#19

n-Nitroso-di-n-propylamine

Concen: 12.802 ng

RT: 9.20 min Scan# 1007

Delta R.T. 0.35 min

Lab File: BG036922.D

Acq: 24 Sep 2018 17:52

Tgt Ion: 70 Resp: 34150

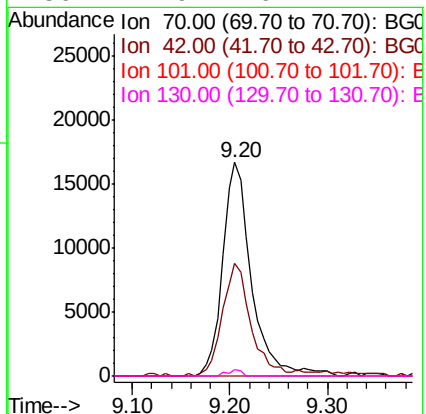
Ion Ratio Lower Upper

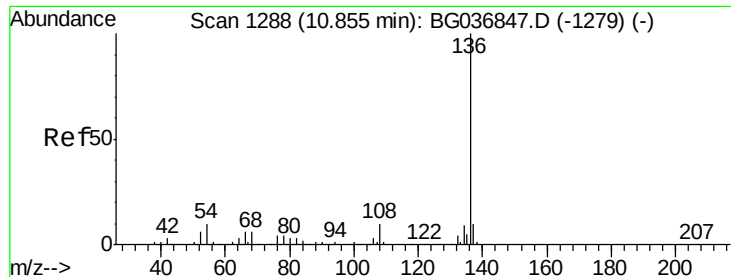
70 100

42 52.9 56.2 84.4#

101 0.0 7.8 11.6#

130 2.9 16.2 24.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BG036922.D

Acq: 24 Sep 2018 17:52

Instrument :

BNA_G

ClientSampleId :

Tgt Ion: 136 Resp: 168385

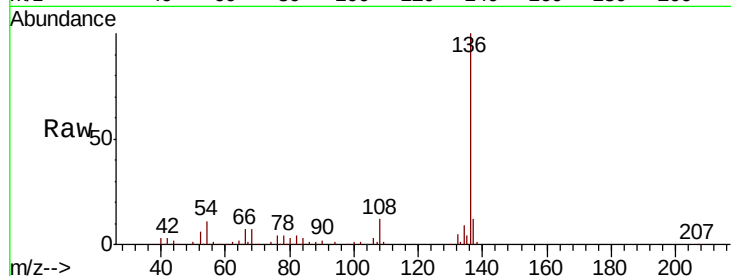
Ion Ratio Lower Upper

136 100

137 11.9 8.8 13.2

54 11.4 9.2 13.8

68 7.4 5.8 8.6

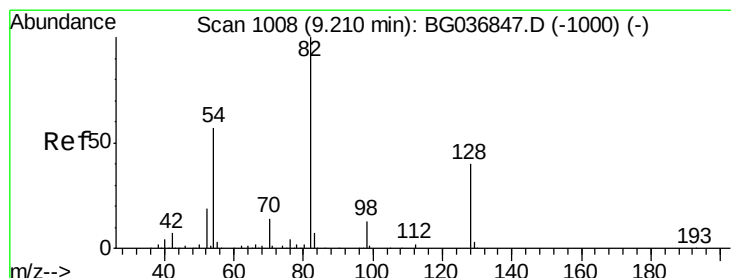
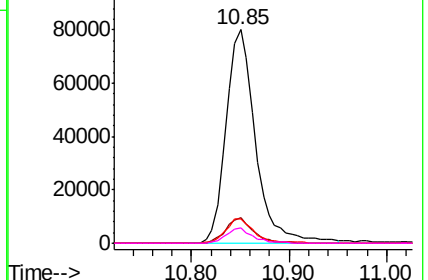
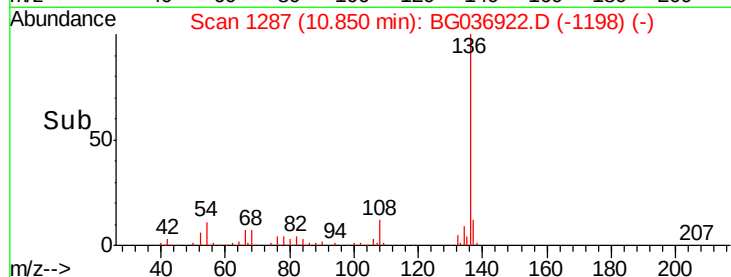


Abundance Ion 136.00 (135.70 to 136.70): E

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: 83.482 ng

RT: 9.20 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BG036922.D

Acq: 24 Sep 2018 17:52

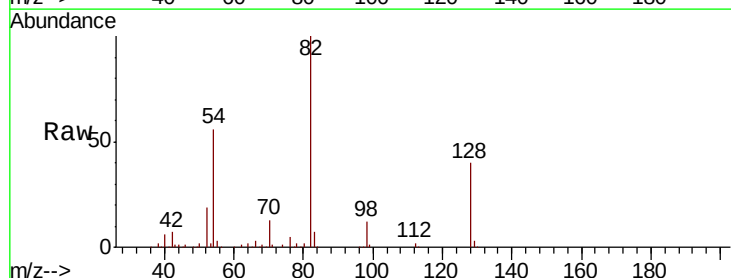
Tgt Ion: 82 Resp: 262501

Ion Ratio Lower Upper

82 100

128 40.1 33.3 49.9

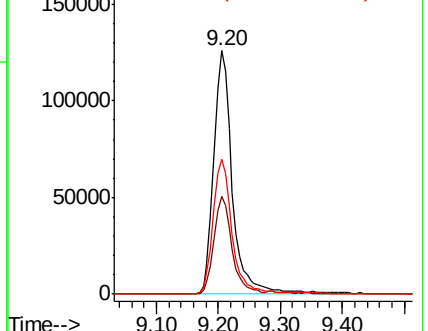
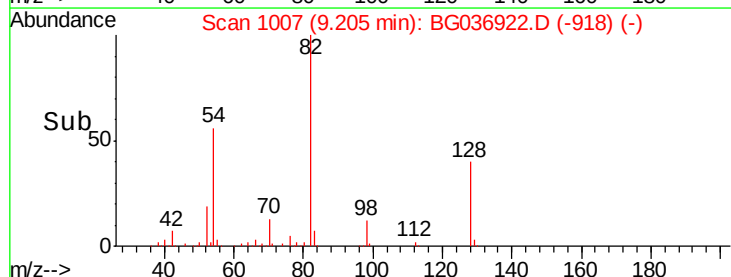
54 55.6 45.1 67.7

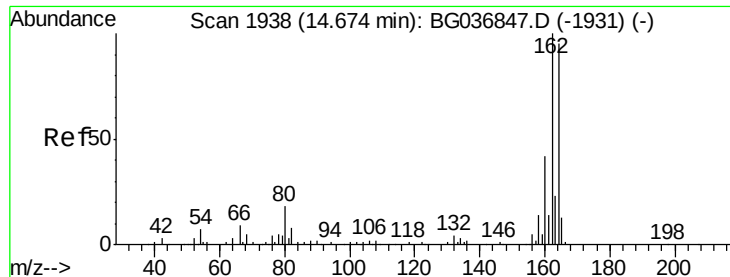


Abundance Ion 82.00 (81.70 to 82.70): BGC

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: BG036922.D

Acq: 24 Sep 2018 17:52

Instrument :

BNA_G

ClientSampleId :

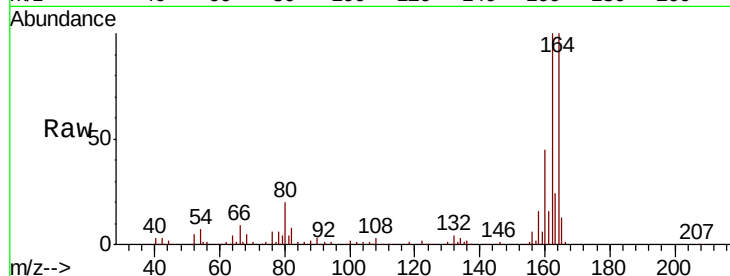
Tgt Ion:164 Resp: 113578

Ion Ratio Lower Upper

164 100

162 100.3 80.7 121.1

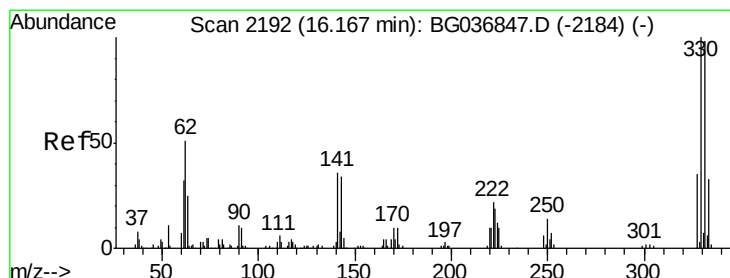
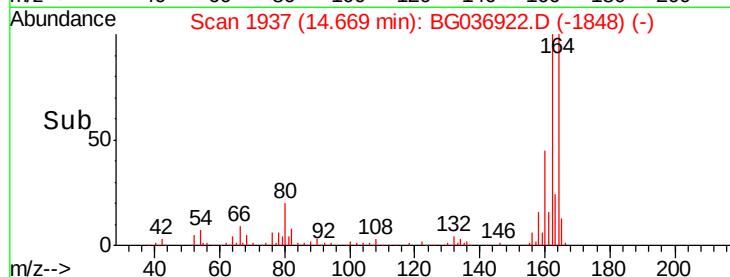
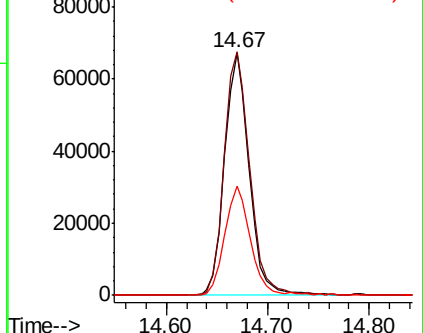
160 44.9 35.3 52.9



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: 116.026 ng

RT: 16.16 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BG036922.D

Acq: 24 Sep 2018 17:52

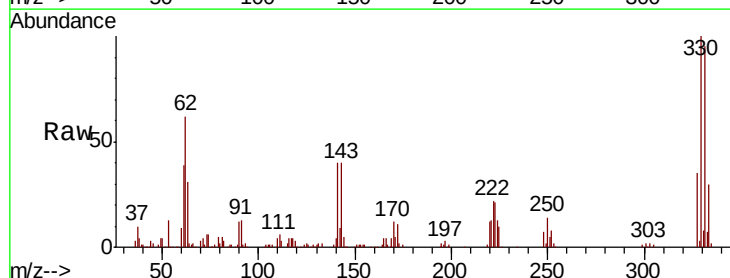
Tgt Ion:330 Resp: 157667

Ion Ratio Lower Upper

330 100

332 95.7 75.4 113.2

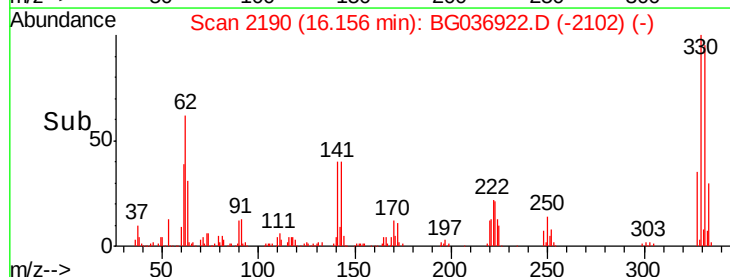
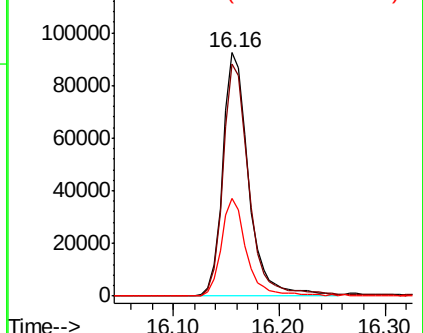
141 38.8 30.7 46.1

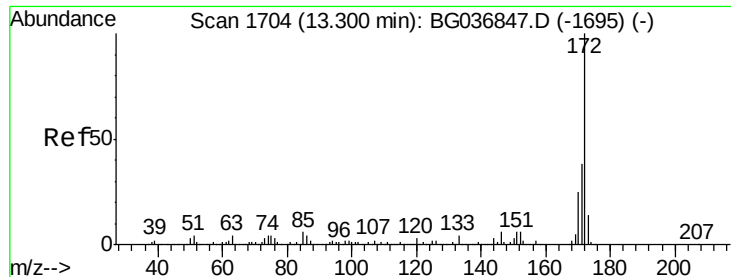


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

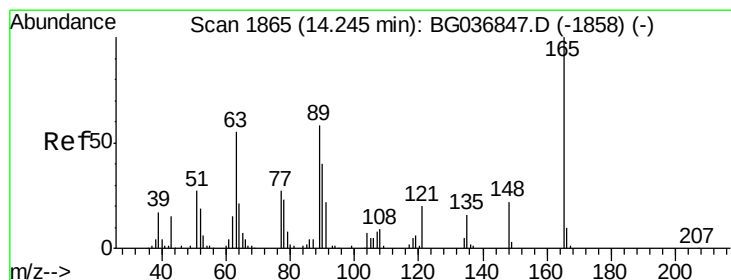
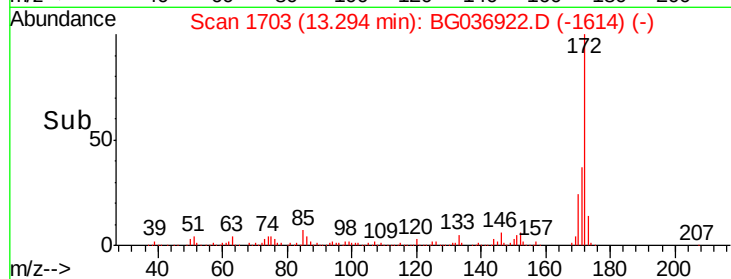
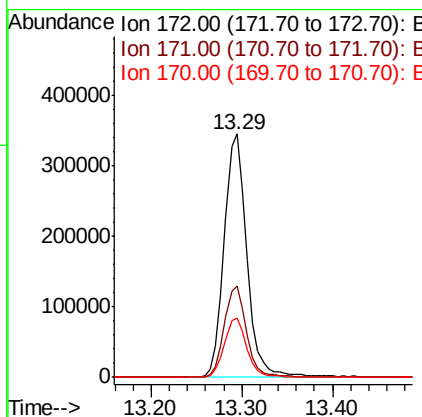
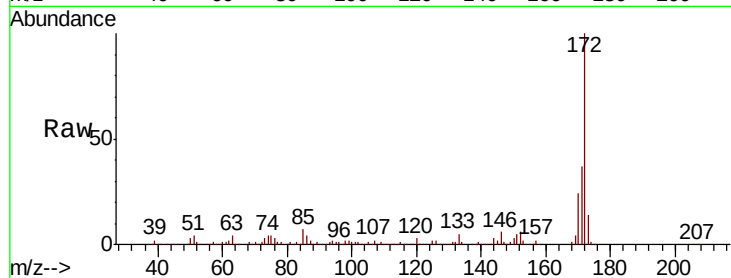




#44
 2-Fluorobiphenyl
 Concen: 78.527 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG036922.D
 Acq: 24 Sep 2018 17:52

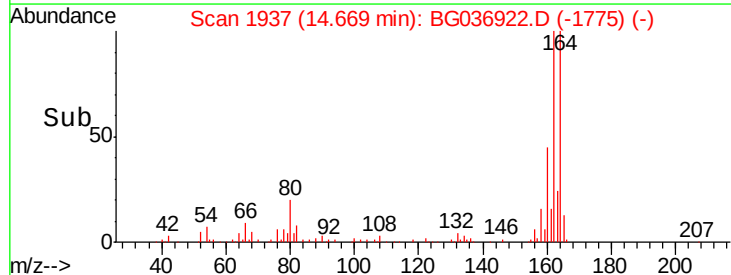
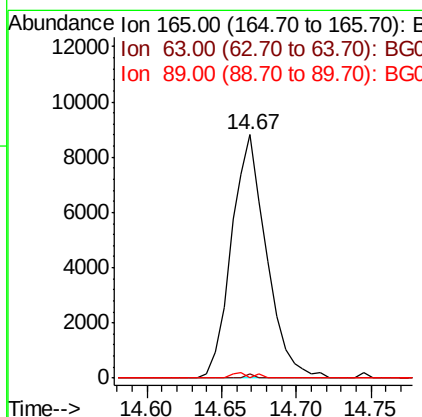
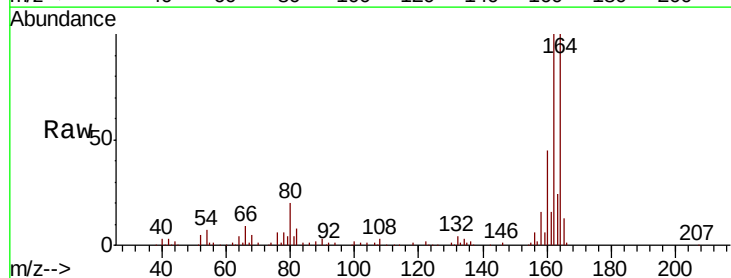
Instrument :
 BNA_G
 ClientSampleId :

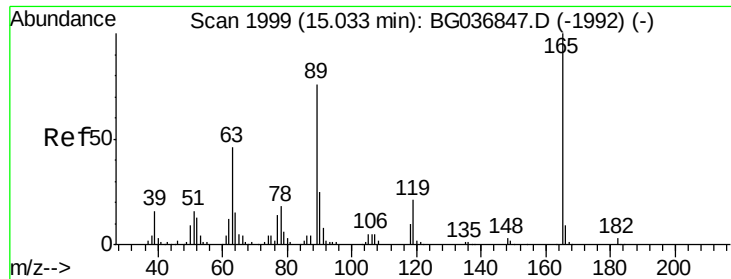
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	31.3	46.9
170	24.3	21.0	31.6



#50
 2,6-Dinitrotoluene
 Concen: 7.212 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. 0.42 min
 Lab File: BG036922.D
 Acq: 24 Sep 2018 17:52

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	50.1	75.1#
89	0.0	47.8	71.6#

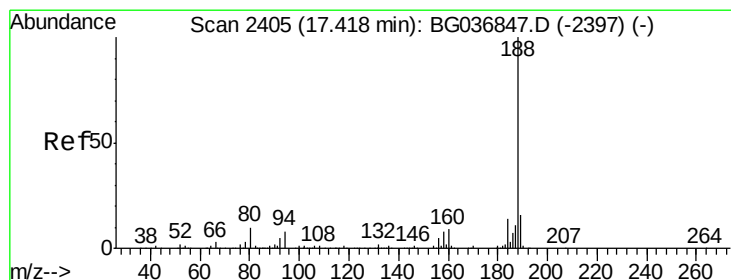
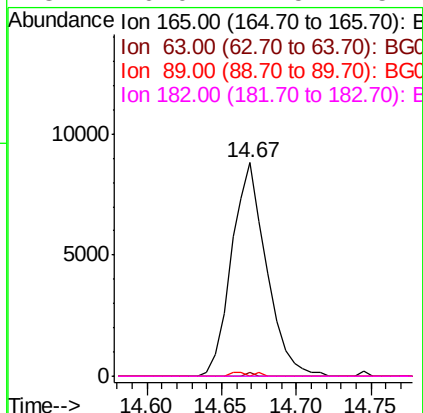
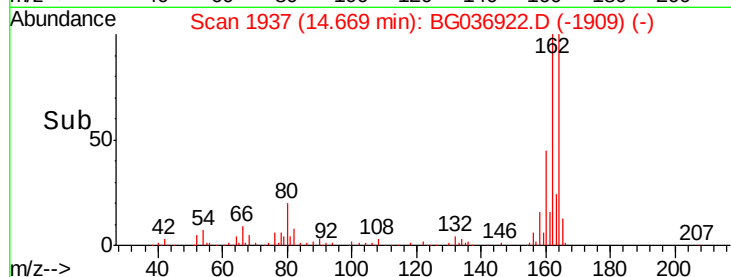
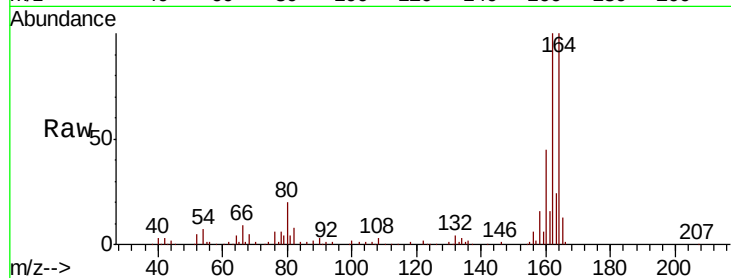




#56
 2,4-Dinitrotoluene
 Concen: 5.169 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.36 min
 Lab File: BG036922.D
 Acq: 24 Sep 2018 17:52

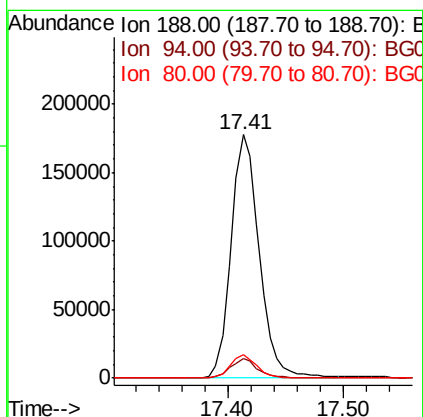
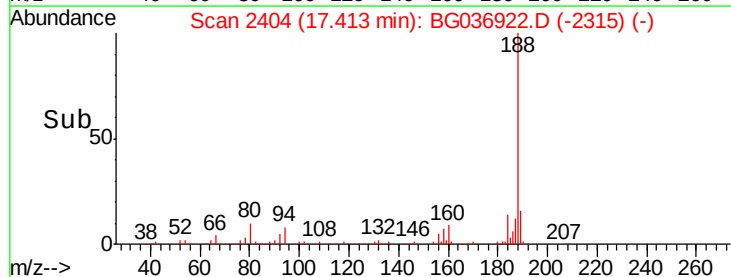
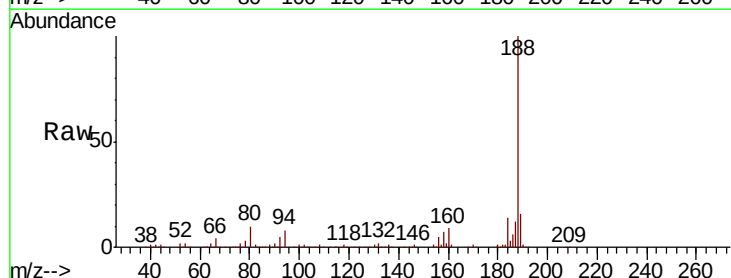
Instrument :
 BNA_G
 ClientSampled :

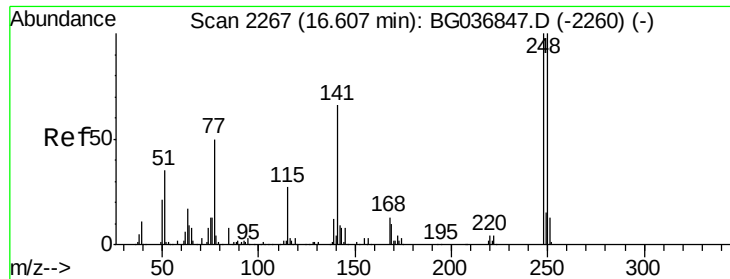
Tgt Ion:	165	Resp:	14386
Ion	Ratio	Lower	Upper
165	100		
63	1.9	40.1	60.1#
89	0.0	63.7	95.5#
182	0.0	2.5	3.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2404
 Delta R.T. -0.01 min
 Lab File: BG036922.D
 Acq: 24 Sep 2018 17:52

Tgt Ion:	188	Resp:	300438
Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.7	10.1
80	9.6	8.1	12.1

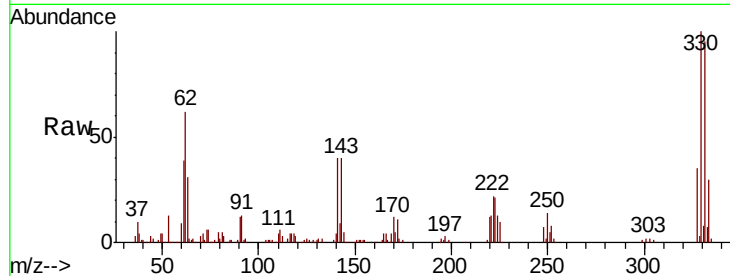




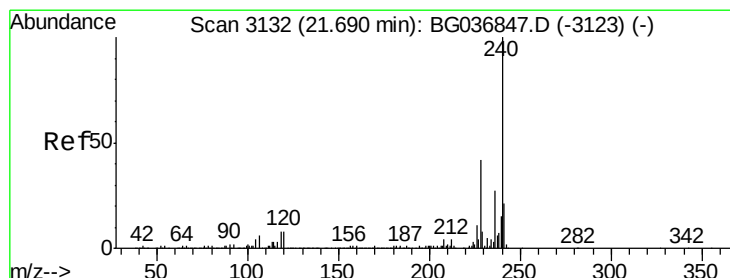
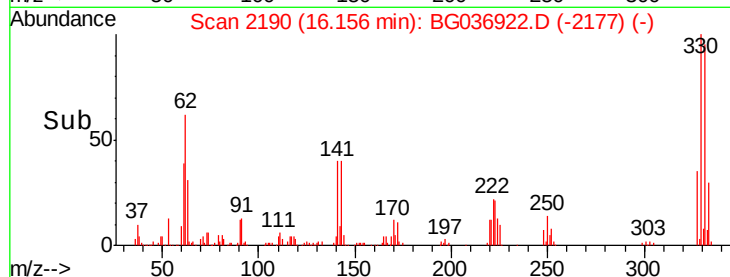
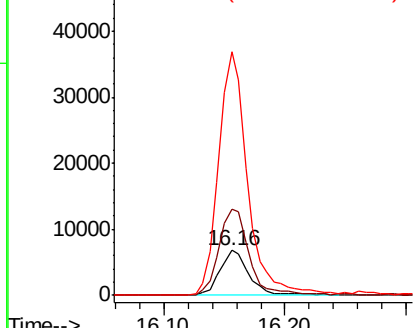
#66
 4-Bromophenyl-phenylether
 Concen: 3.306 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.45 min
 Lab File: BG036922.D
 Acq: 24 Sep 2018 17:52

Instrument :
 BNA_G
 ClientSampled :

Tgt Ion:248 Resp: 11299
 Ion Ratio Lower Upper
 248 100
 250 192.9 78.1 117.1#
 141 542.3 53.7 80.5#

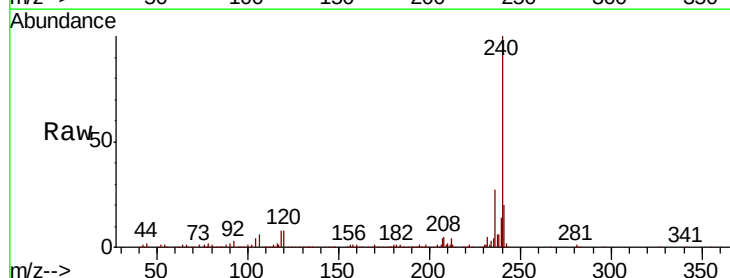


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

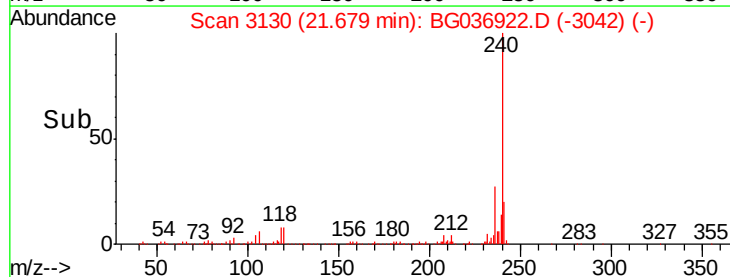
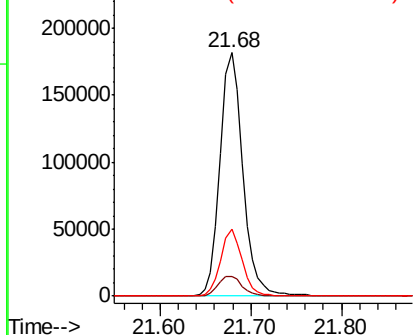


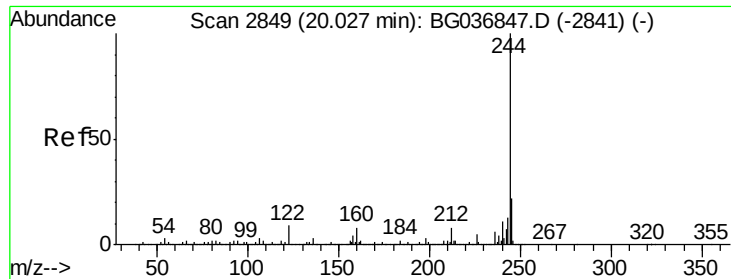
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3130
 Delta R.T. -0.01 min
 Lab File: BG036922.D
 Acq: 24 Sep 2018 17:52

Tgt Ion:240 Resp: 318019
 Ion Ratio Lower Upper
 240 100
 120 8.2 6.9 10.3
 236 27.3 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: 91.072 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036922.D

Acq: 24 Sep 2018 17:52

Instrument :

BNA_G

ClientSampled :

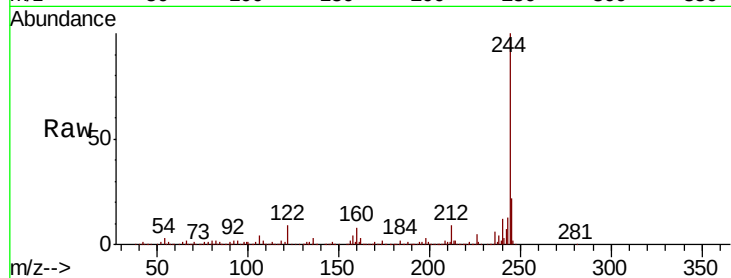
Tgt Ion:244 Resp: 1101451

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.6

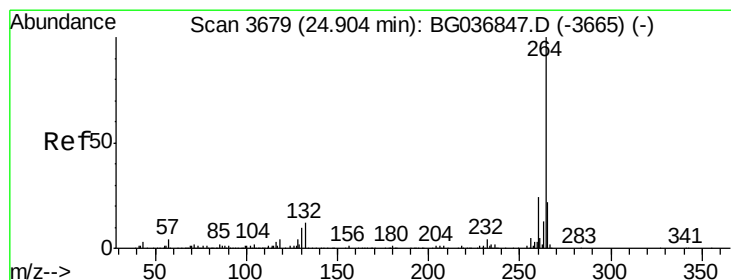
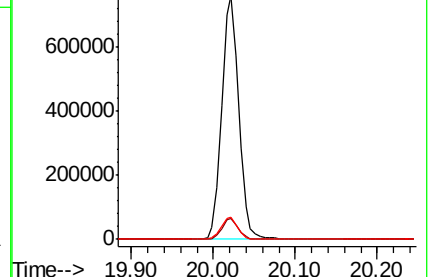
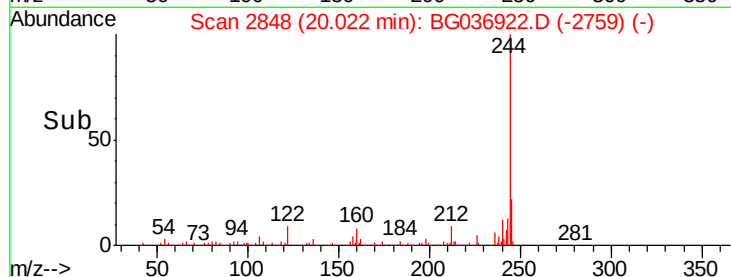
122 9.1 7.1 10.7



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

Perylene-d12

Concen: 20.000 ng

RT: 24.88 min Scan# 3675

Delta R.T. -0.02 min

Lab File: BG036922.D

Acq: 24 Sep 2018 17:52

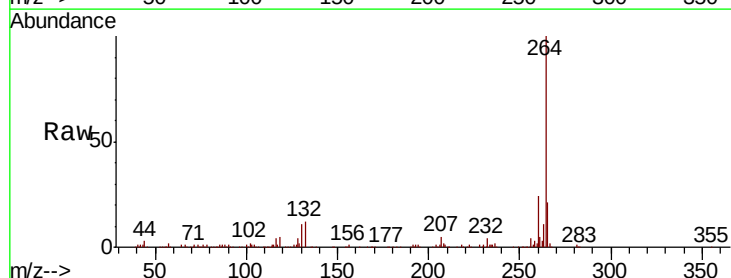
Tgt Ion:264 Resp: 320369

Ion Ratio Lower Upper

264 100

260 23.7 19.6 29.4

265 20.7 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

