

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092118\
 Data File : BG036883.D
 Acq On : 22 Sep 2018 7:43
 Operator : JU/SJ
 Sample : J5021-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 24 03:53:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 20 20:07:11 2018
 Response via : Initial Calibration

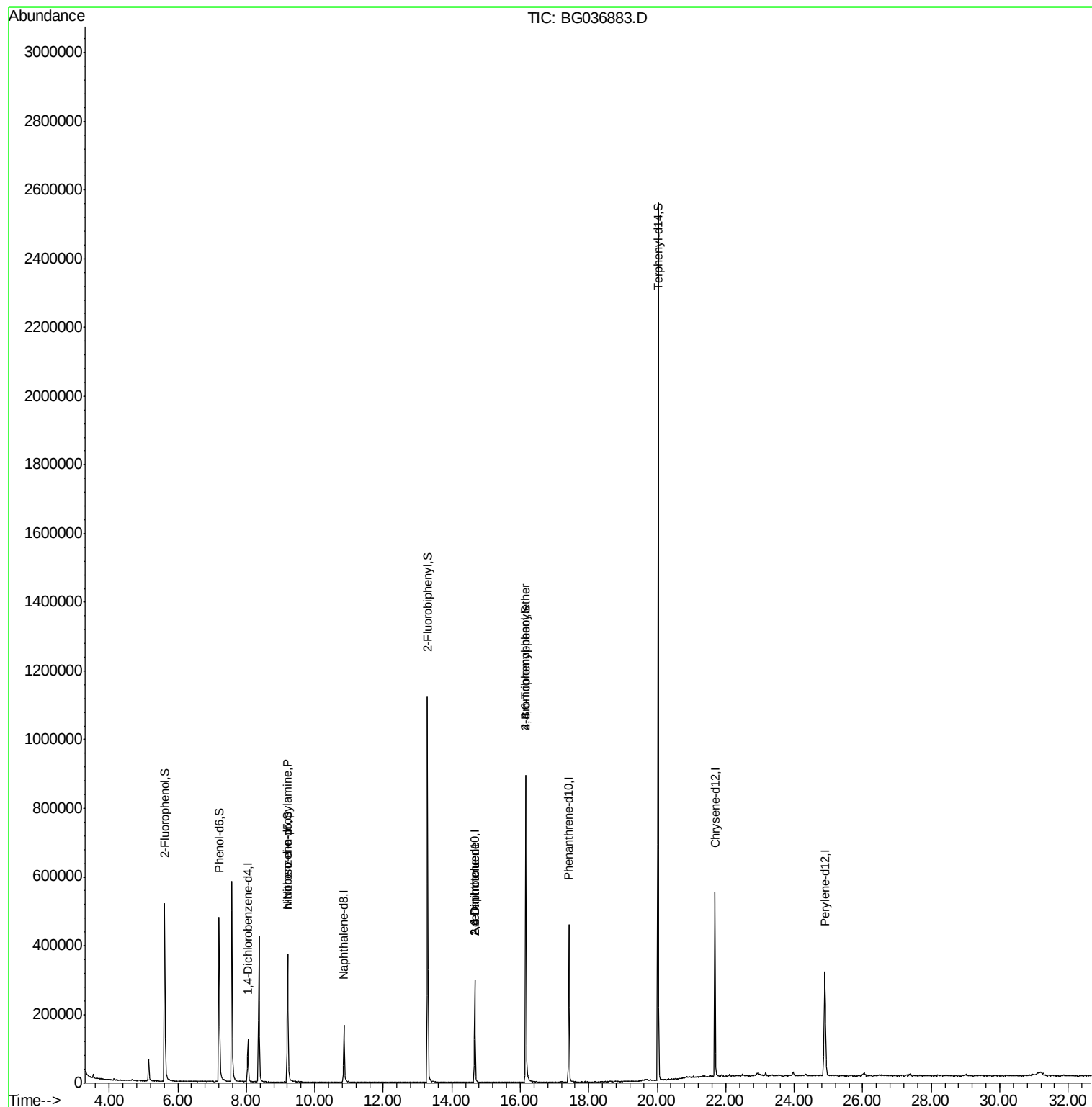
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	39917	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	167285	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	115737	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	322115	20.00	ng	0.00
75) Chrysene-d12	21.68	240	352021	20.00	ng	0.00
86) Perylene-d12	24.89	264	347478	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	258423	124.16	ng	0.00
7) Phenol-d6	7.21	99	331597	102.97	ng	0.00
23) Nitrobenzene-d5	9.21	82	268680	86.01	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	189235	136.66	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	632954	81.45	ng	0.00
78) Terphenyl-d14	20.03	244	1291930	96.50	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	36641	13.677	ng	# 66
50) 2,6-Dinitrotoluene	14.67	165	14538	7.152	ng	# 21
56) 2,4-Dinitrotoluene	14.67	165	14538	5.126	ng	# 19
66) 4-Bromophenyl-phenylether	16.16	248	13127	3.583	ng	# 1

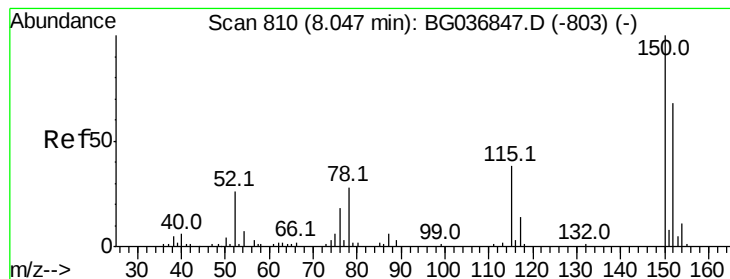
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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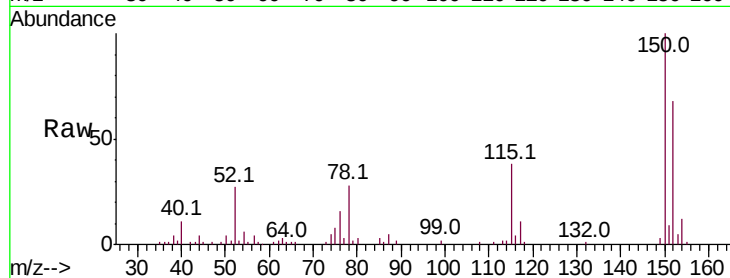


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. 0.00 min
Lab File: BG036883.D
Acq: 22 Sep 2018 7:43

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.8	119.5	179.3
115	55.6	44.5	66.7

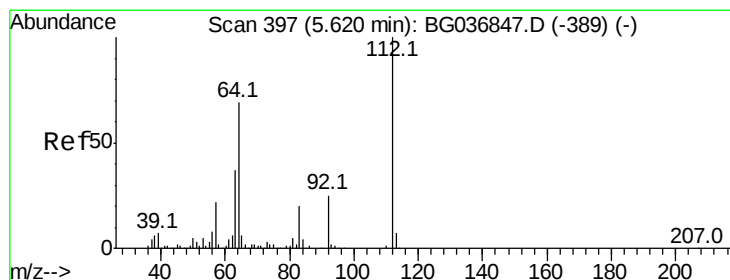
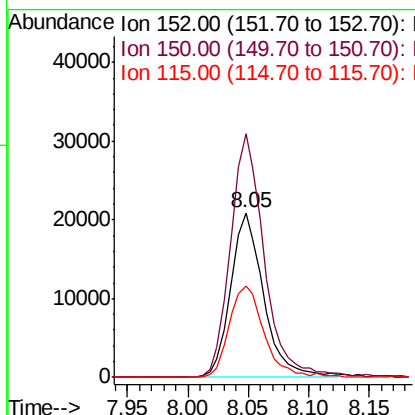
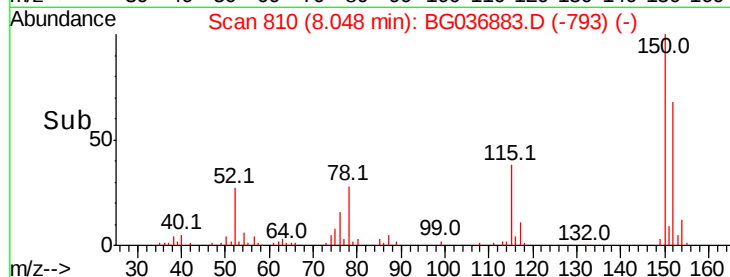


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

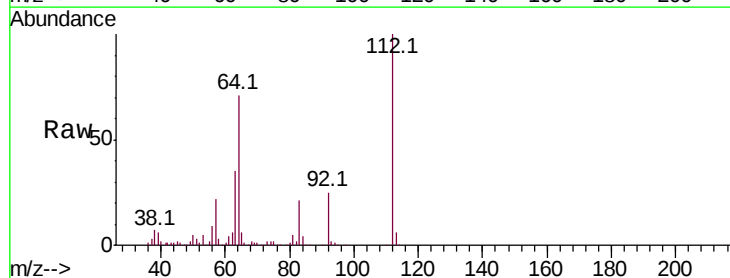
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 124.157 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG036883.D
Acq: 22 Sep 2018 7:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.6	57.2	85.8
63	35.2	30.8	46.2

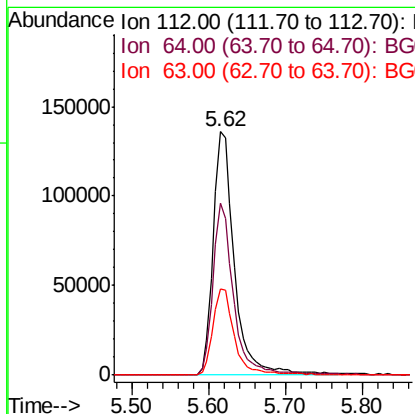
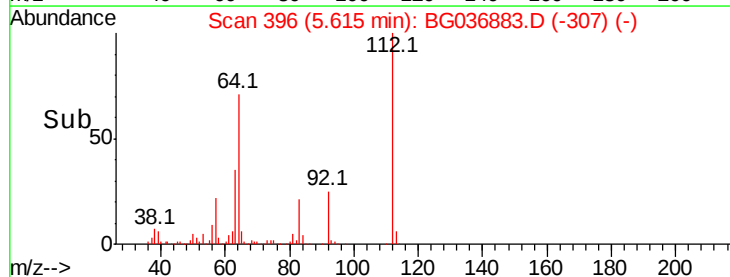


Abundance

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: 102.971 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.00 min

Lab File: BG036883.D

Acq: 22 Sep 2018 7:43

Instrument :

BNA_G

ClientSampleId :

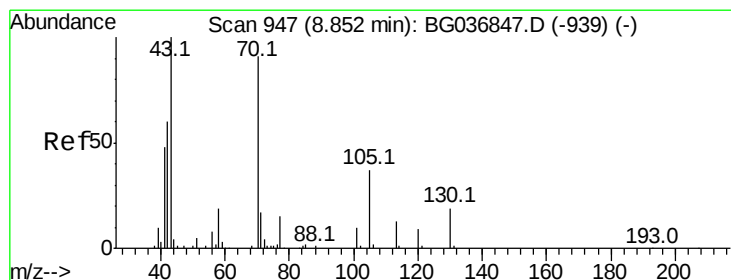
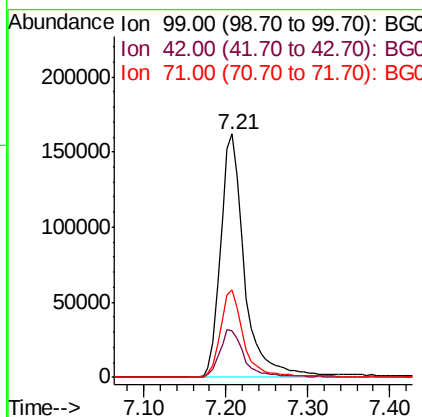
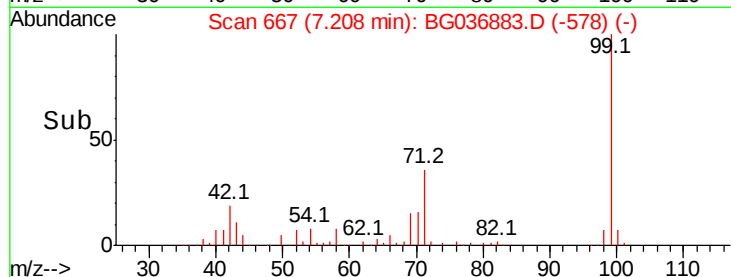
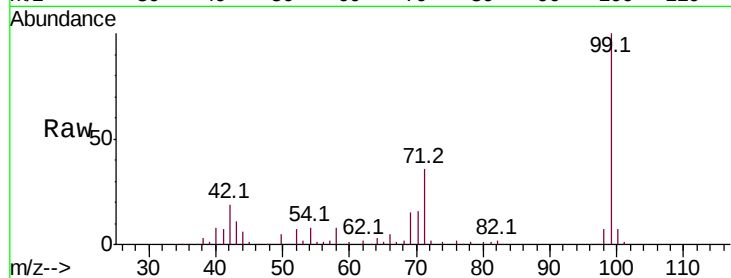
Tot Ion: 99 Resp: 331597

Ion Ratio Lower Upper

99 100

42 19.3 16.5 24.7

71 36.0 29.4 44.2



#19

n-Nitroso-di-n-propylamine

Concen: 13.677 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.36 min

Lab File: BG036883.D

Acq: 22 Sep 2018 7:43

Tgt Ion: 70 Resp: 36641

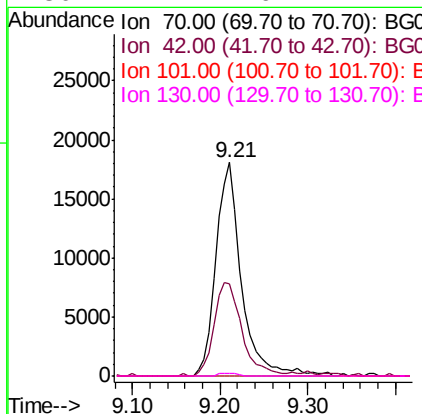
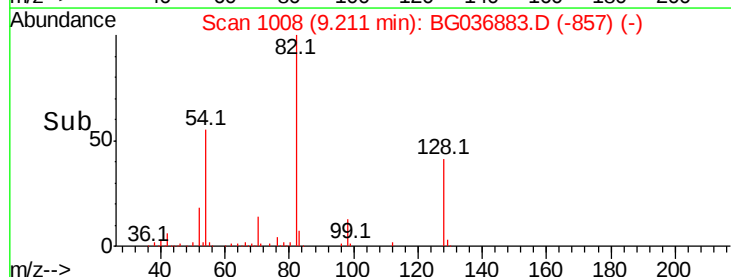
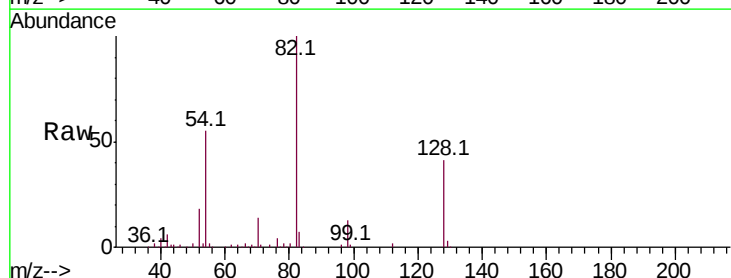
Ion Ratio Lower Upper

70 100

42 43.4 56.2 84.4#

101 0.0 7.8 11.6#

130 1.4 16.2 24.2#

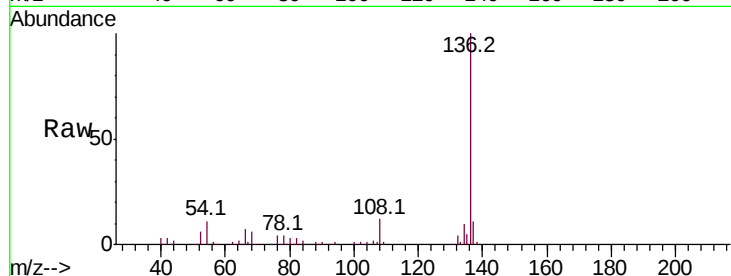




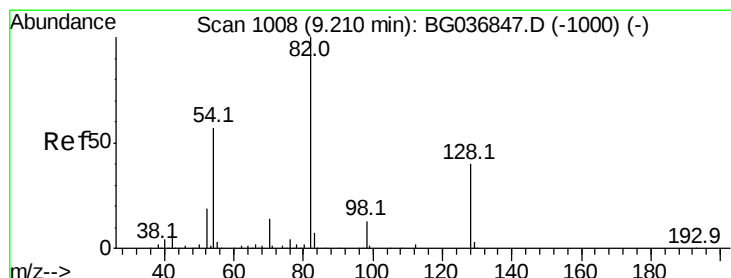
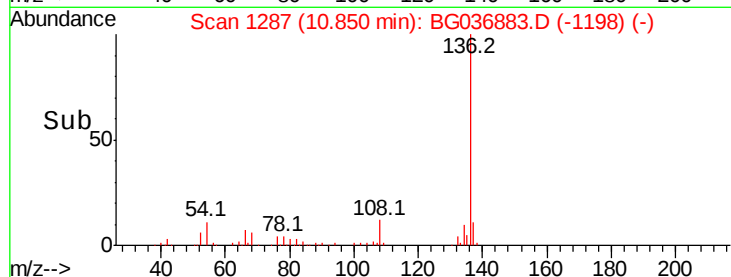
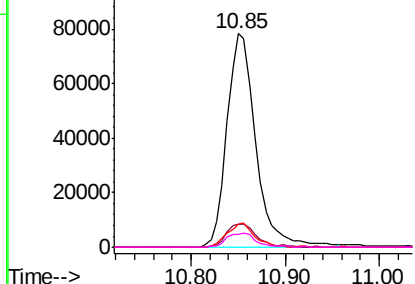
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BG036883.D
Acq: 22 Sep 2018 7:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp: 167285
Ion Ratio	Lower Upper
136 100	
137 10.8	8.8 13.2
54 11.0	9.2 13.8
68 6.2	5.8 8.6

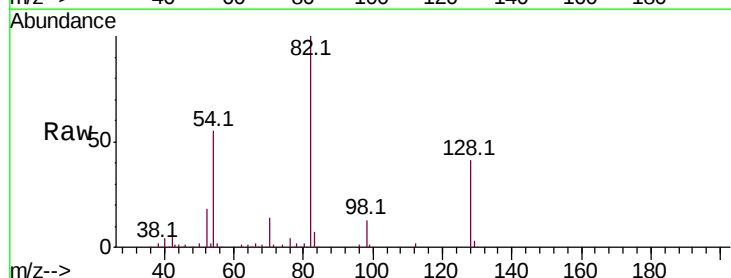


Abundance Ion 136.00 (135.70 to 136.70): E
120000 Ion 137.00 (136.70 to 137.70): E
100000 Ion 54.00 (53.70 to 54.70): BGC
80000 Ion 68.00 (67.70 to 68.70): BGC
60000
40000
20000
0

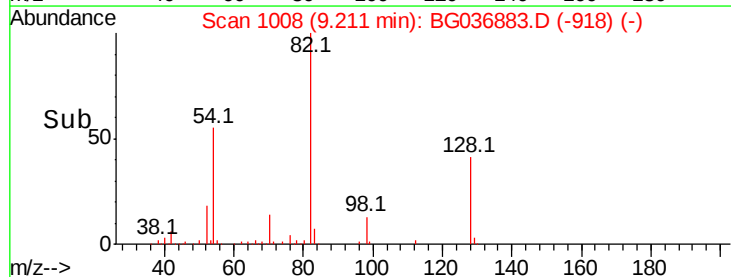
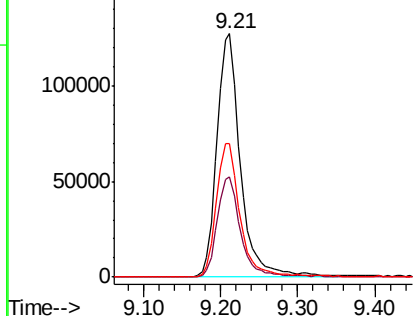


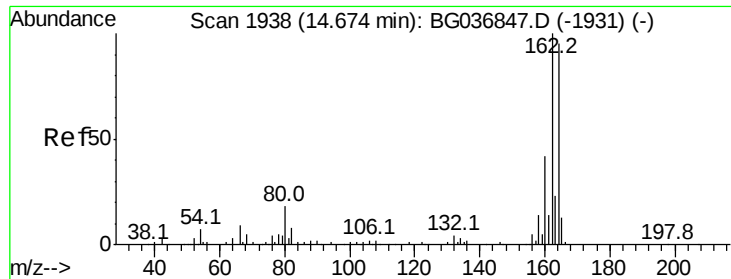
#23
Nitrobenzene-d5
Concen: 86.009 ng
RT: 9.21 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BG036883.D
Acq: 22 Sep 2018 7:43

Tgt Ion: 82	Resp: 268680
Ion Ratio	Lower Upper
82 100	
128 41.1	33.3 49.9
54 55.1	45.1 67.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
150000 Ion 128.00 (127.70 to 128.70): E
100000 Ion 54.00 (53.70 to 54.70): BGC
50000
0





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1937

Delta R.T. -0.00 min

Lab File: BG036883.D

Acq: 22 Sep 2018 7:43

Instrument :

BNA_G

ClientSampleId :

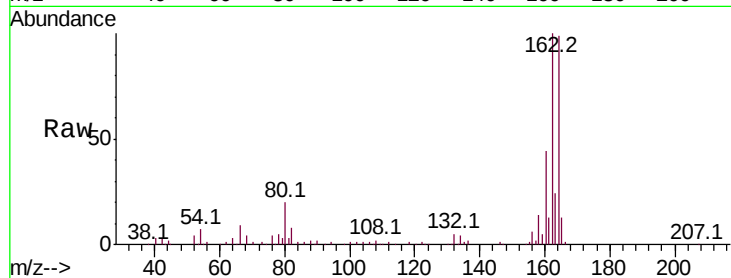
Tot Ion:164 Resp: 115737

Ion Ratio Lower Upper

164 100

162 100.6 80.7 121.1

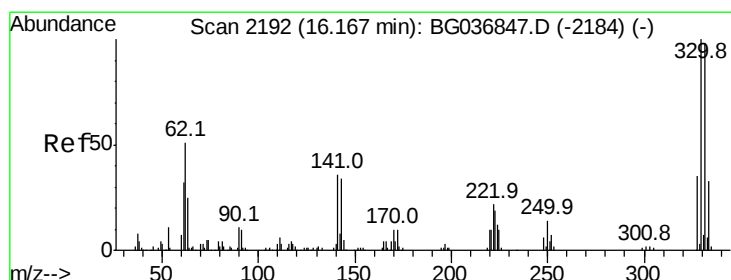
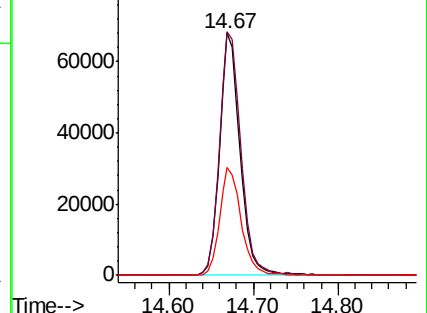
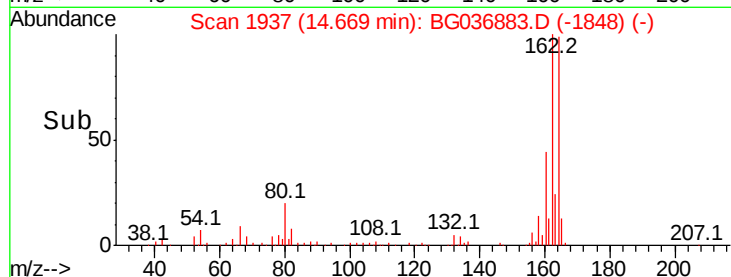
160 44.6 35.3 52.9



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: 136.659 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.00 min

Lab File: BG036883.D

Acq: 22 Sep 2018 7:43

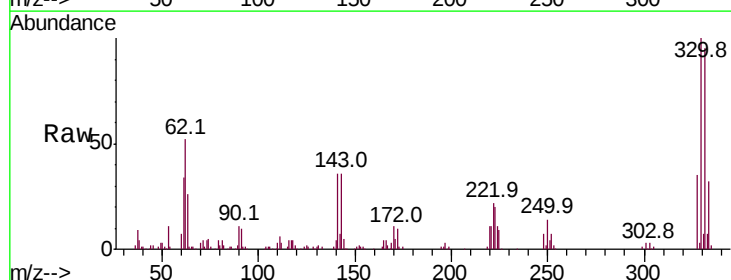
Tgt Ion:330 Resp: 189235

Ion Ratio Lower Upper

330 100

332 96.3 75.4 113.2

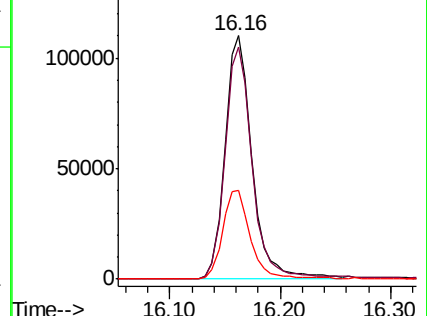
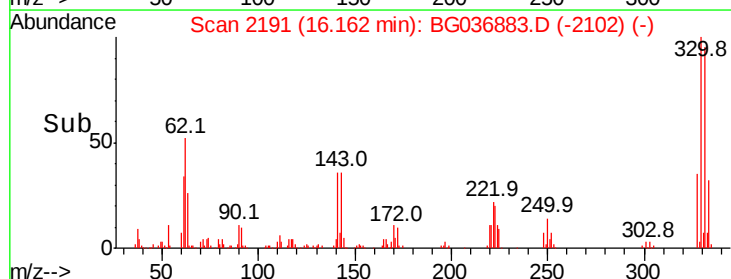
141 38.1 30.7 46.1



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

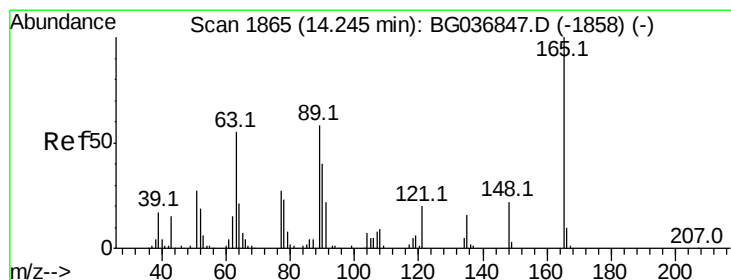
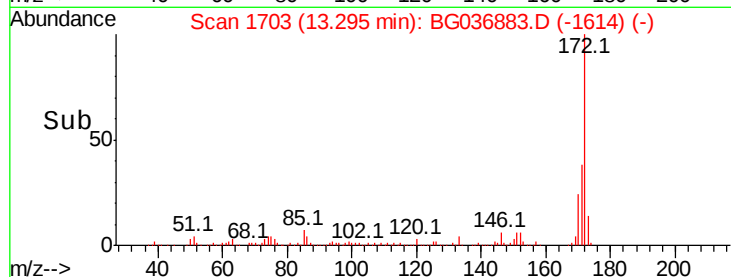
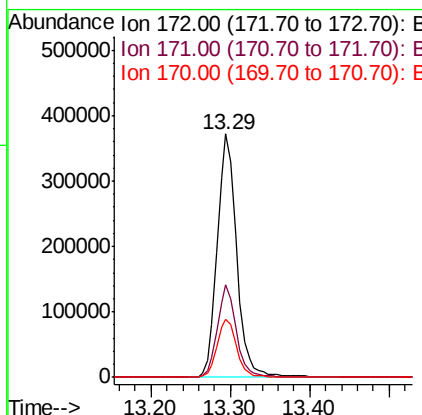
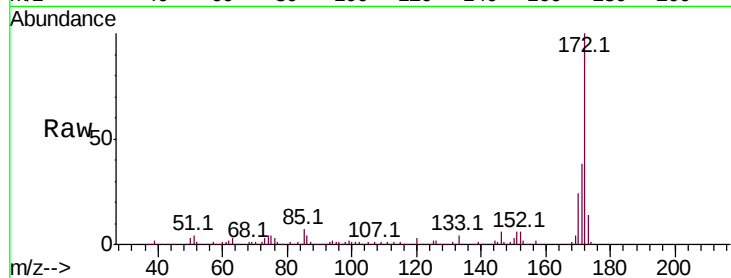




#44
2-Fluorobiphenyl
Concen: 81.453 ng
RT: 13.29 min Scan# 1703
Delta R.T. -0.00 min
Lab File: BG036883.D
Acq: 22 Sep 2018 7:43

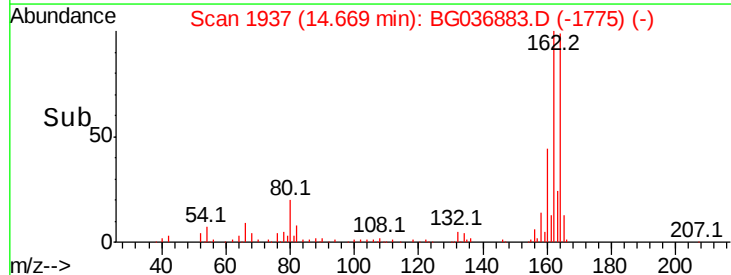
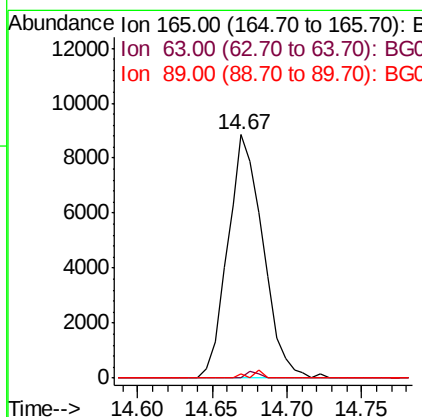
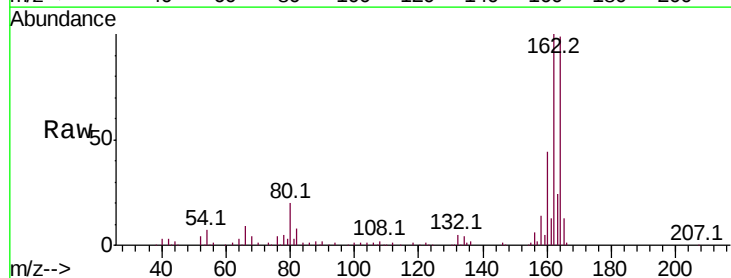
Instrument :
BNA_G
ClientSampleId :

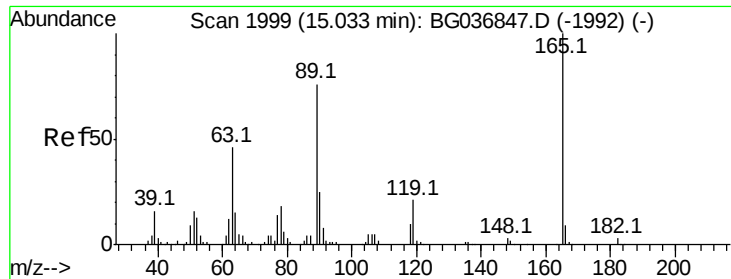
Tot Ion:172 Resp: 632954
Ion Ratio Lower Upper
172 100
171 37.9 31.3 46.9
170 24.1 21.0 31.6



#50
2,6-Dinitrotoluene
Concen: 7.152 ng
RT: 14.67 min Scan# 1937
Delta R.T. 0.42 min
Lab File: BG036883.D
Acq: 22 Sep 2018 7:43

Tgt Ion:165 Resp: 14538
Ion Ratio Lower Upper
165 100
63 0.0 50.1 75.1#
89 1.9 47.8 71.6#

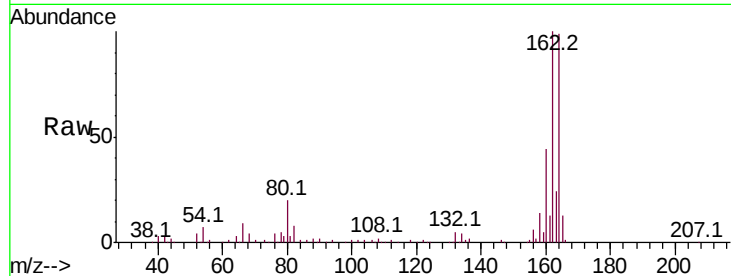




#56
 2,4-Dinitrotoluene
 Concen: 5.126 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.36 min
 Lab File: BG036883.D
 Acq: 22 Sep 2018 7:43

Instrument :
 BNA_G
 ClientSampleId :

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

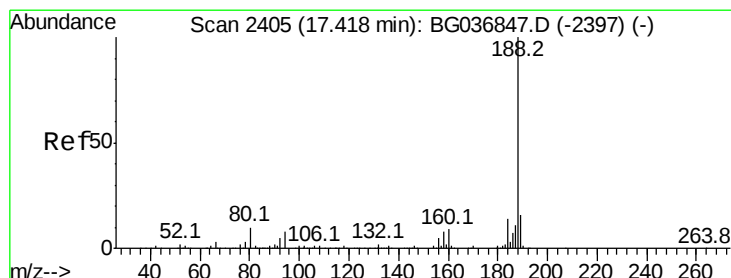
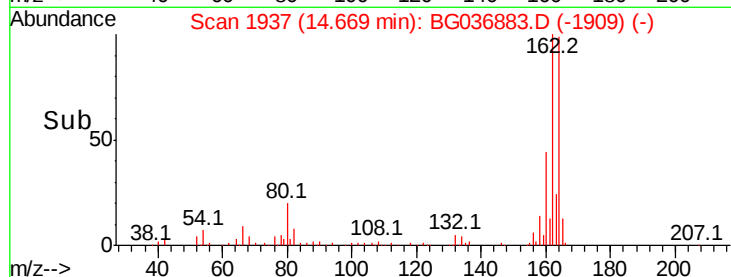
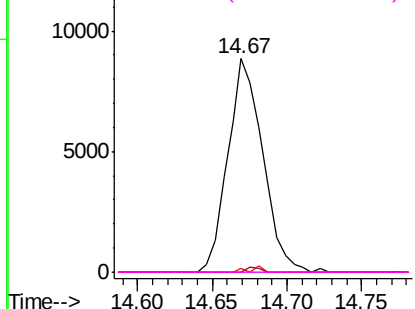


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

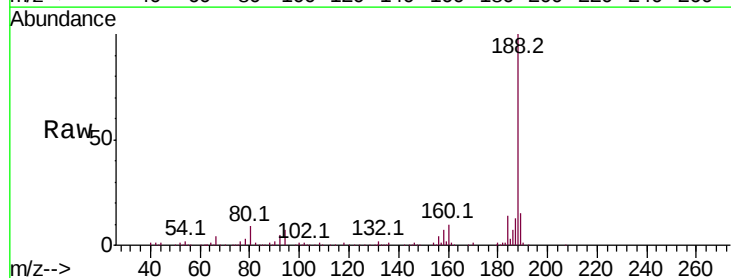
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. 0.00 min
 Lab File: BG036883.D
 Acq: 22 Sep 2018 7:43

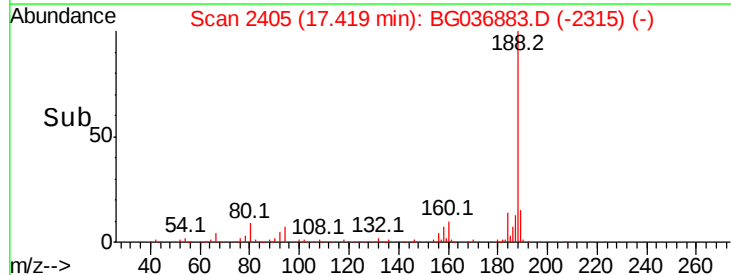
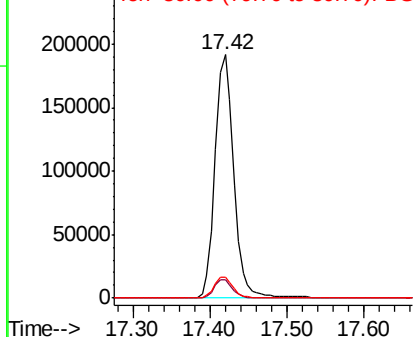
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.7	10.1
80	8.7	8.1	12.1

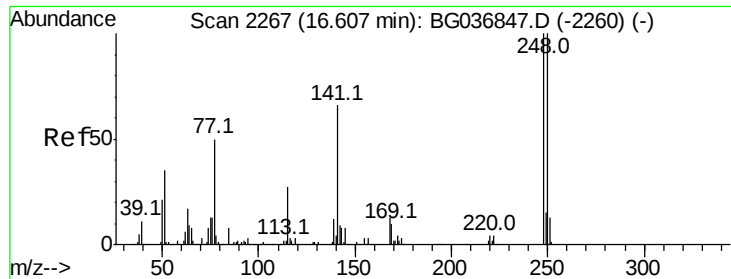


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

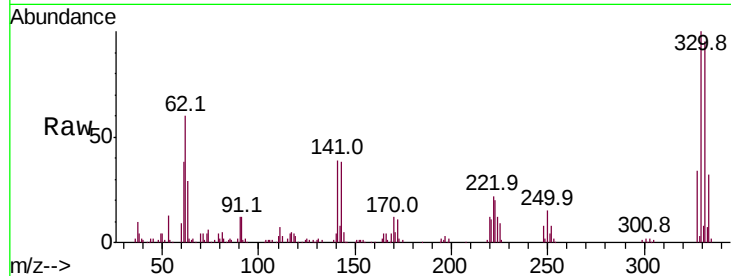




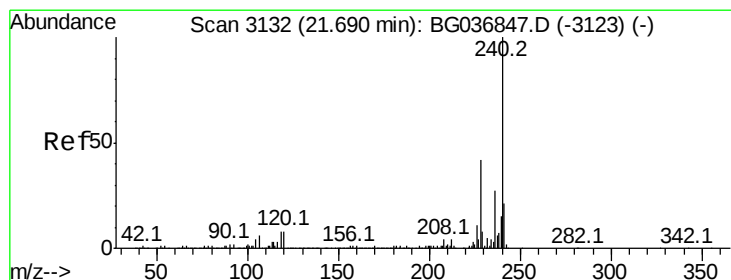
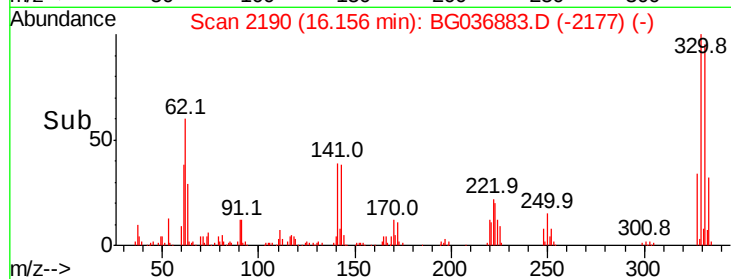
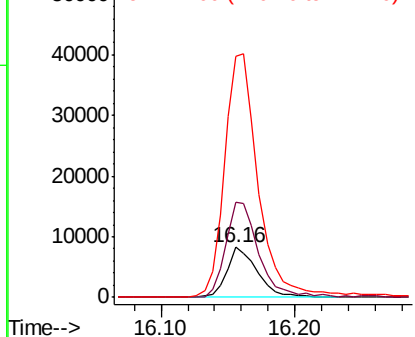
#66
4-Bromophenyl-phenylether
Concen: 3.583 ng
RT: 16.16 min Scan# 2190
Delta R.T. -0.45 min
Lab File: BG036883.D
Acq: 22 Sep 2018 7:43

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 13127
Ion Ratio Lower Upper
248 100
250 190.6 78.1 117.1#
141 485.5 53.7 80.5#

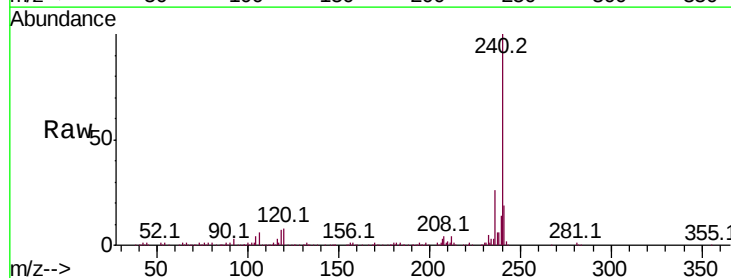


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

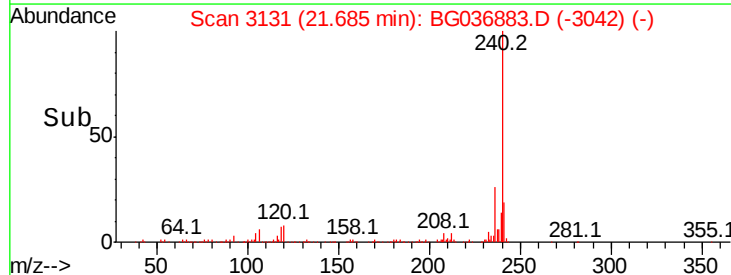
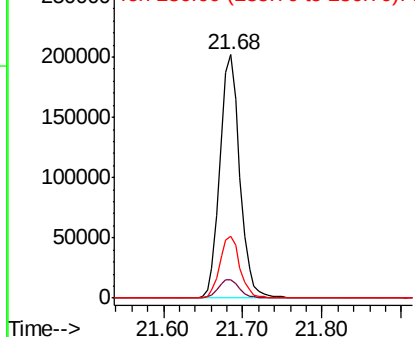


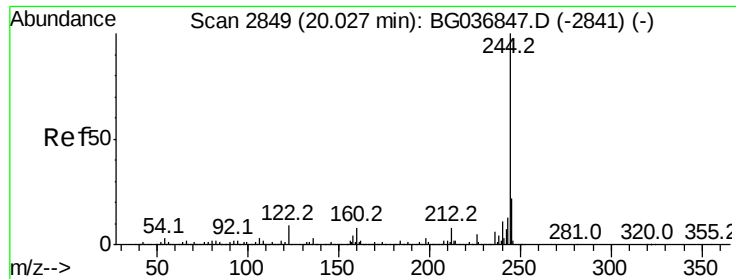
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.00 min
Lab File: BG036883.D
Acq: 22 Sep 2018 7:43

Tgt Ion:240 Resp: 352021
Ion Ratio Lower Upper
240 100
120 7.5 6.9 10.3
236 25.7 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: 96.503 ng

RT: 20.03 min Scan# 2849

Delta R.T. 0.00 min

Lab File: BG036883.D

Acq: 22 Sep 2018 7:43

Instrument :

BNA_G

ClientSampled :

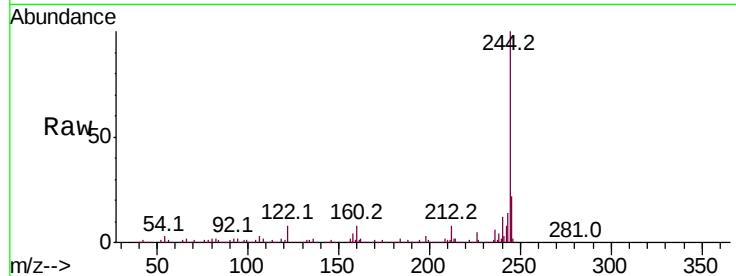
Tot Ion:244 Resp: 1291930

Ion	Ratio	Lower	Upper
244	100		
212	8.2	7.0	10.6
122	8.5	7.1	10.7

244 100

212 8.2 7.0 10.6

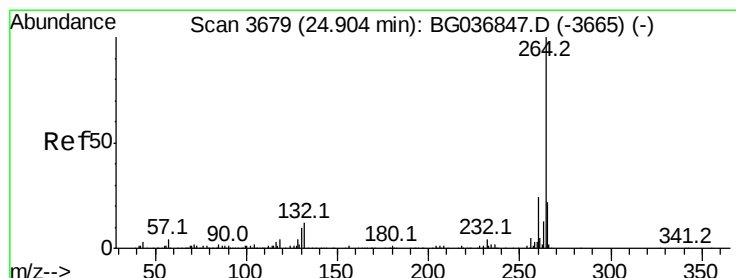
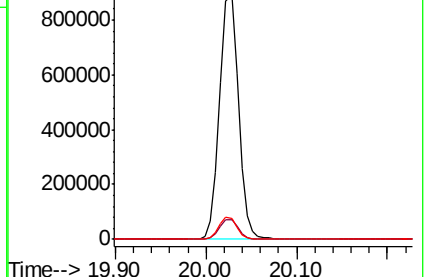
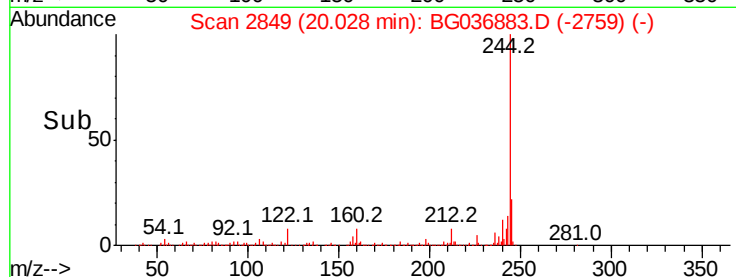
122 8.5 7.1 10.7



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: 24.89 min Scan# 3677

Delta R.T. -0.01 min

Lab File: BG036883.D

Acq: 22 Sep 2018 7:43

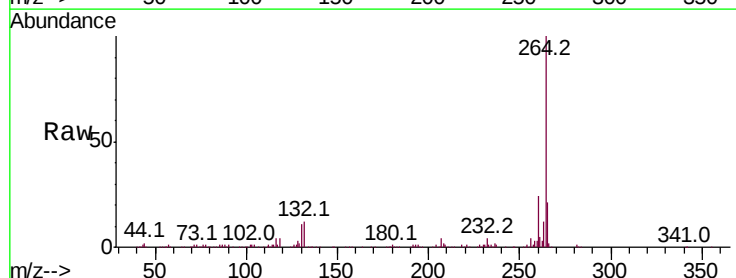
Tgt Ion:264 Resp: 347478

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.6	29.4
265	21.2	17.4	26.0

264 100

260 23.8 19.6 29.4

265 21.2 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

