

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG092118\
 Data File : BG036875.D
 Acq On : 22 Sep 2018 1:53
 Operator : JU/SJ
 Sample : J4778-02MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SA-01-091918

Quant Time: Sep 22 04:30:54 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	1919	20.00	ng	0.00
21) Naphthalene-d8	0.00	136	0	0.00	ng	-10.86
38) Acenaphthene-d10	0.00	164	0	0.00	ng	-14.67
63) Phenanthrene-d10	0.00	188	0	0.00	ng	-17.42
75) Chrysene-d12	0.00	240	0	0.00	ng	-21.69
86) Perylene-d12	0.00	264	0	0.00	ng	-24.90

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	259083	2589.19	ng	0.00
7) Phenol-d6	7.21	99	325166	2100.35	ng	0.00
23) Nitrobenzene-d5	9.21	82	261638	0.00	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	170240	0.00	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	585674	0.00	ng	0.00
78) Terphenyl-d14	20.03	244	1208716	0.00	ng	0.00

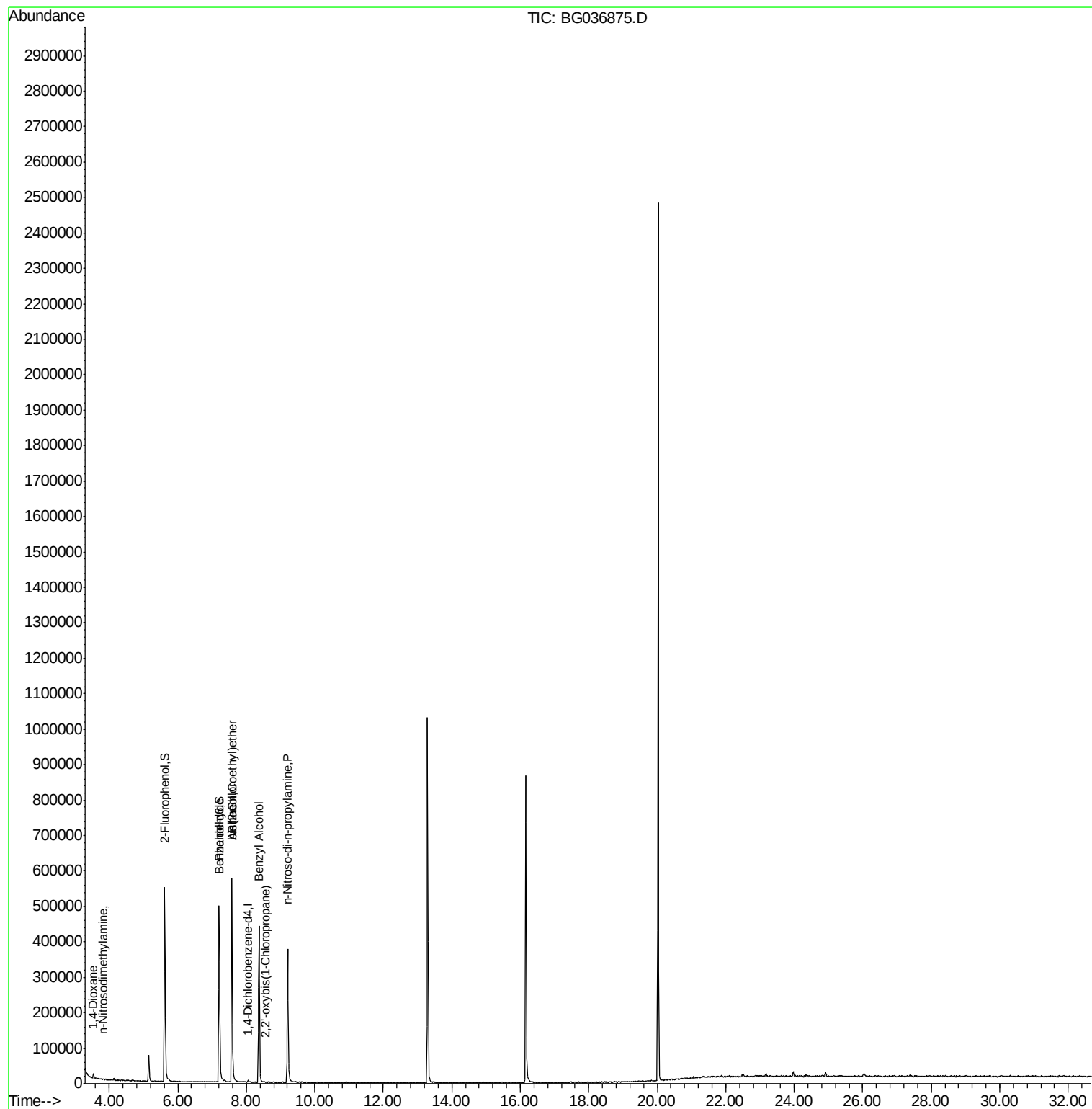
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.54	88	123	2.686	ng	# 1
4) n-Nitrosodimethylamine	3.83	42	649	11.045	ng	# 1
6) Aniline	7.57	93	406	2.021	ng	# 1
9) Benzaldehyde	7.22	77	426	4.164	ng	# 4
10) Phenol	7.58	94	496	3.104	ng	# 1
11) bis(2-Chloroethyl)ether	7.57	93	406	2.747	ng	# 1
15) Benzyl Alcohol	8.37	79	4045	32.201	ng	# 59
16) 2,2'-oxybis(1-Chloropropan	8.57	45	674	2.375	ng	# 74
19) n-Nitroso-di-n-propylamine	9.21	70	35347	274.457	ng	# 71

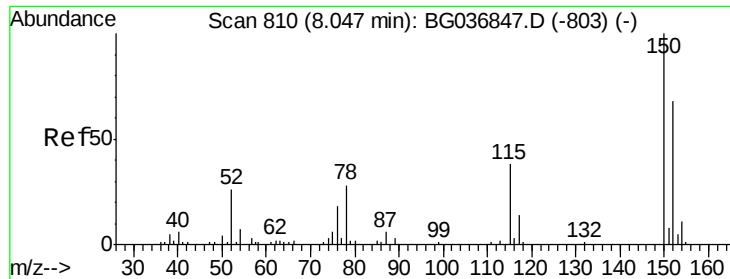
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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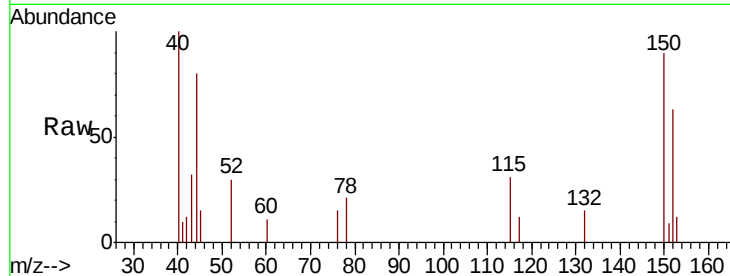




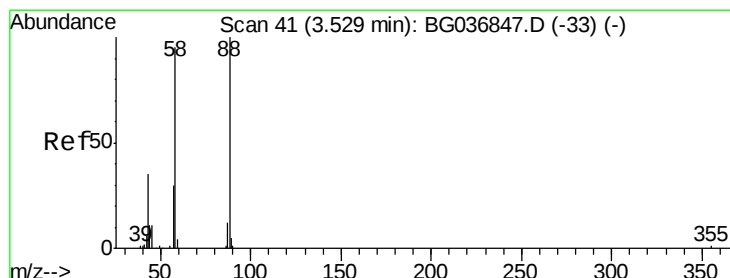
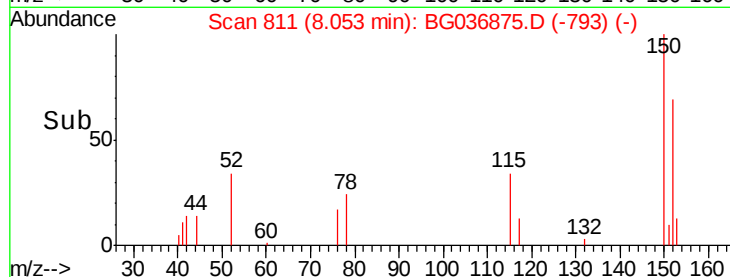
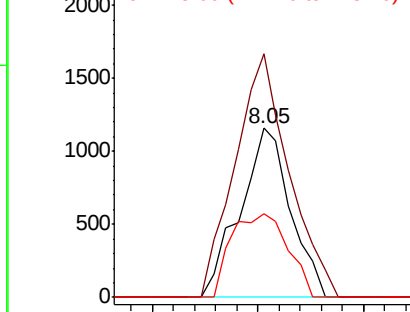
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 811
 Delta R.T. 0.01 min
 Lab File: BG036875.D
 Acq: 22 Sep 2018 1:53

Instrument :
 BNA_G
 ClientSampleId :
 SA-01-091918

Tgt Ion:152 Resp: 1919
 Ion Ratio Lower Upper
 152 100
 150 144.0 119.5 179.3
 115 49.3 44.5 66.7

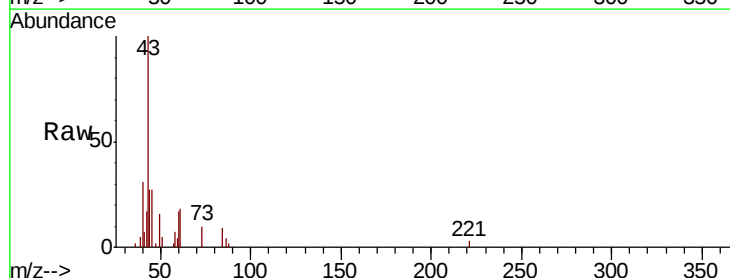


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

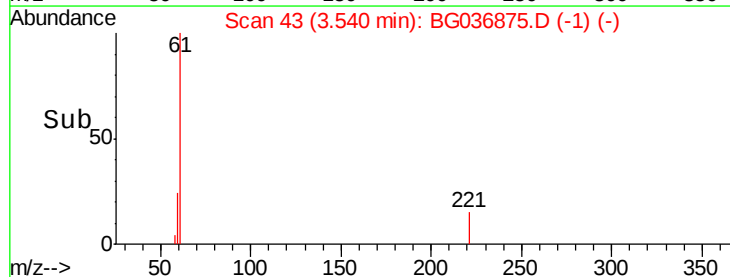
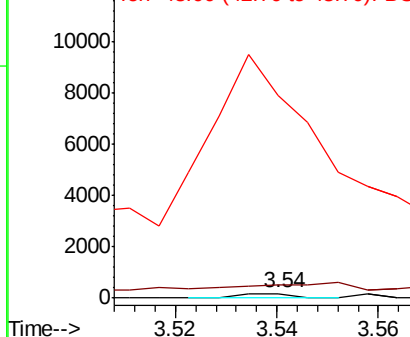


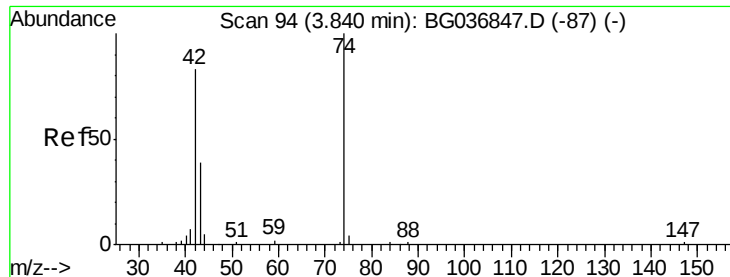
#2
 1,4-Dioxane
 Concen: 2.686 ng
 RT: 3.54 min Scan# 43
 Delta R.T. 0.01 min
 Lab File: BG036875.D
 Acq: 22 Sep 2018 1:53

Tgt Ion: 88 Resp: 123
 Ion Ratio Lower Upper
 88 100
 58 0.0 72.6 109.0#
 43 8482.9 29.0 43.4#



Abundance Ion 88.00 (87.70 to 88.70): BGC
 Ion 58.00 (57.70 to 58.70): BGC
 Ion 43.00 (42.70 to 43.70): BGC





#4

n-Nitrosodimethylamine

Concen: 11.045 ng

RT: 3.83 min Scan# 92

Delta R.T. -0.01 min

Lab File: BG036875.D

Acq: 22 Sep 2018 1:53

Instrument :

BNA_G

ClientSampleId :

SA-01-091918

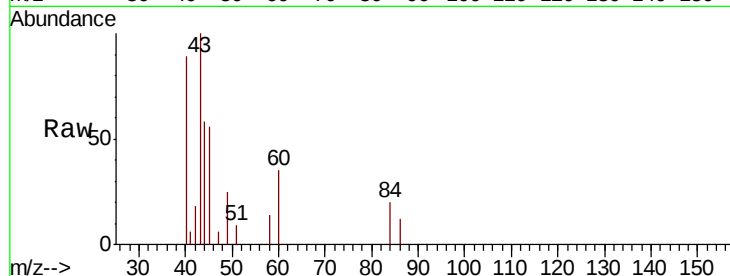
Tgt Ion: 42 Resp: 649

Ion Ratio Lower Upper

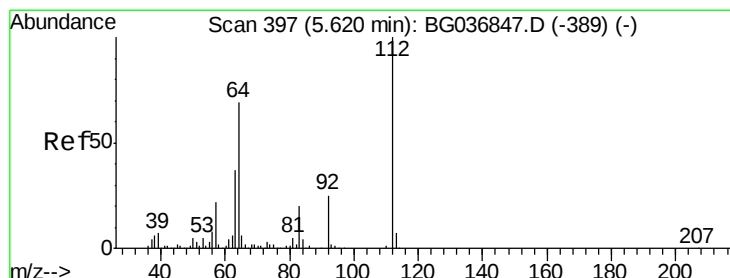
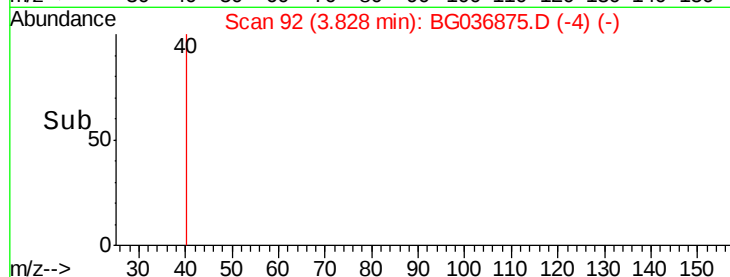
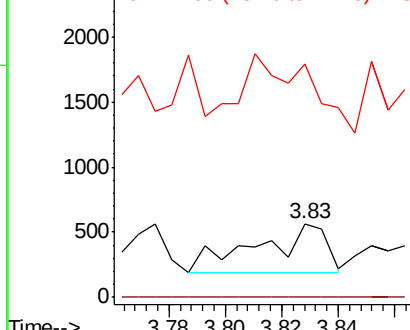
42 100

74 0.0 96.6 145.0#

44 316.4 7.0 10.4#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC



#5

2-Fluorophenol

Concen: 2589.187 ng

RT: 5.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BG036875.D

Acq: 22 Sep 2018 1:53

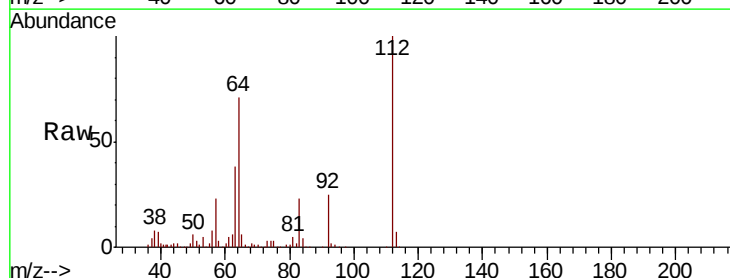
Tgt Ion: 112 Resp: 259083

Ion Ratio Lower Upper

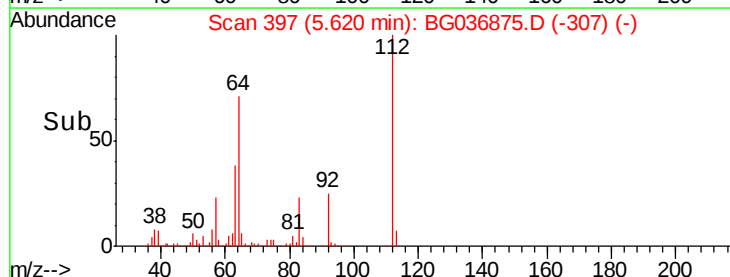
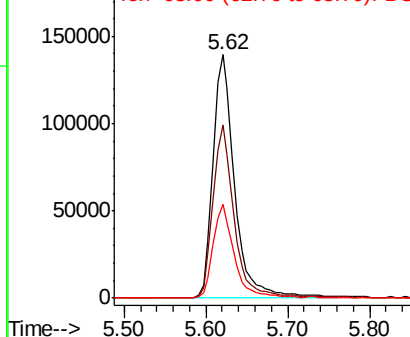
112 100

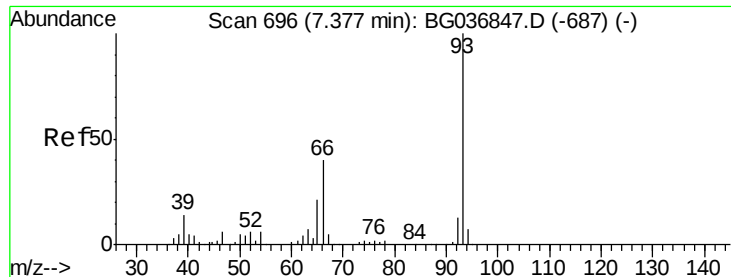
64 71.0 57.2 85.8

63 38.4 30.8 46.2



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#6

Aniline

Concen: 2.021 ng

RT: 7.57 min Scan# 729

Delta R.T. 0.19 min

Lab File: BG036875.D

Acq: 22 Sep 2018 1:53

Instrument :

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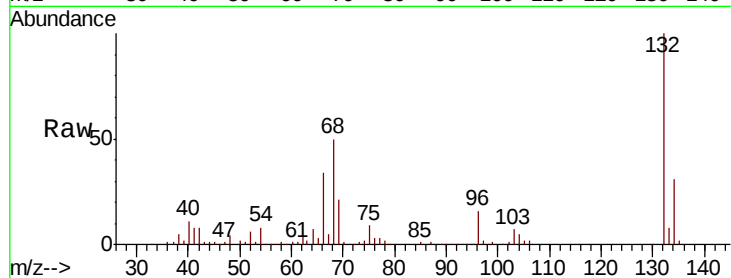
Tgt Ion: 93 Resp: 406

Ion Ratio Lower Upper

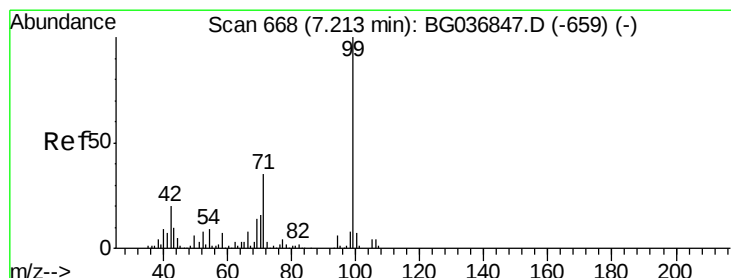
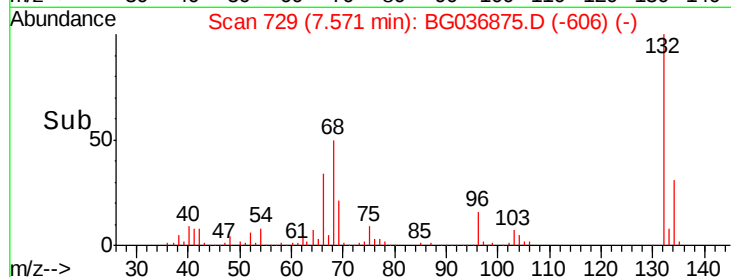
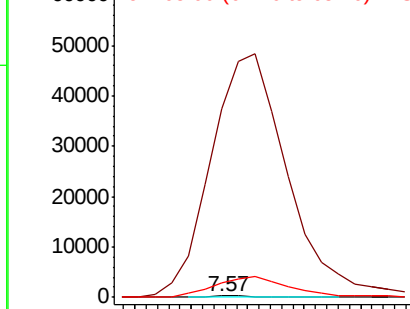
93 100

66 11602.5 35.0 52.4#

65 910.9 17.6 26.4#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC



#7

Phenol-d6

Concen: 2100.349 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036875.D

Acq: 22 Sep 2018 1:53

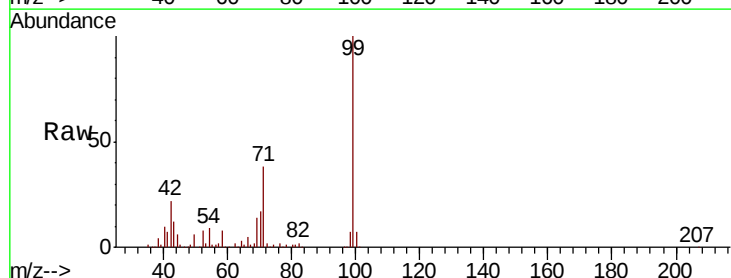
Tgt Ion: 99 Resp: 325166

Ion Ratio Lower Upper

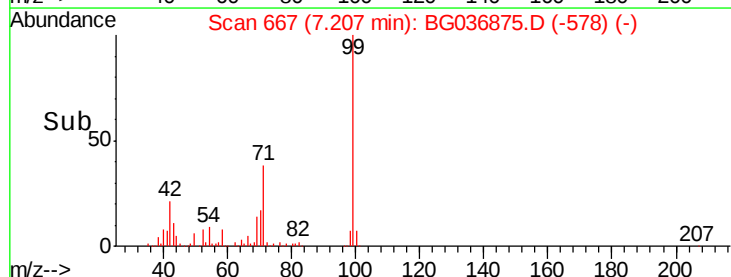
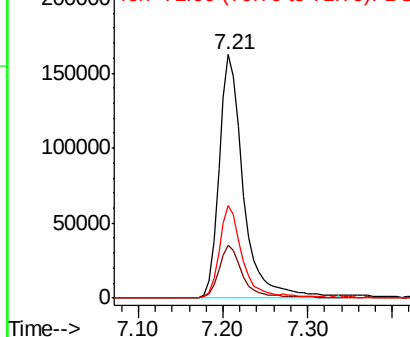
99 100

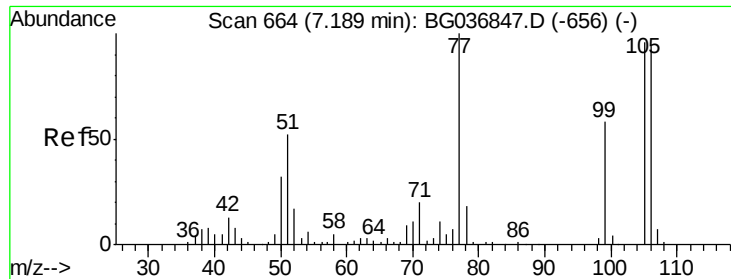
42 21.6 16.5 24.7

71 38.0 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





#9

Benzaldehyde

Concen: 4.164 ng

RT: 7.22 min Scan# 669

Delta R.T. 0.03 min

Lab File: BG036875.D

Acq: 22 Sep 2018 1:53

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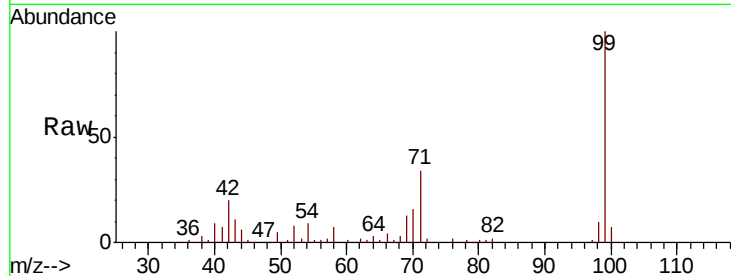
Tgt Ion: 77 Resp: 426

Ion Ratio Lower Upper

77 100

105 0.0 70.5 110.5#

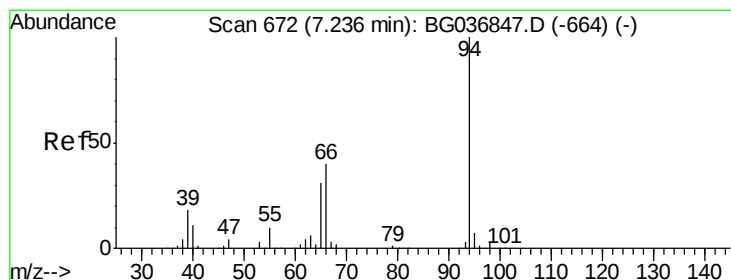
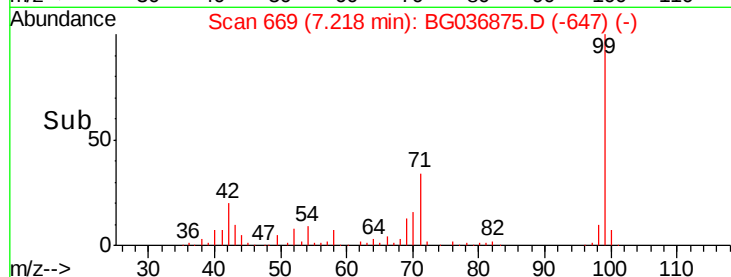
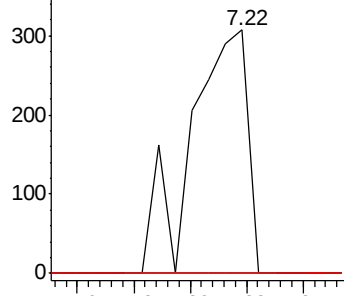
106 0.0 69.8 109.8#



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 3.104 ng

RT: 7.58 min Scan# 731

Delta R.T. 0.35 min

Lab File: BG036875.D

Acq: 22 Sep 2018 1:53

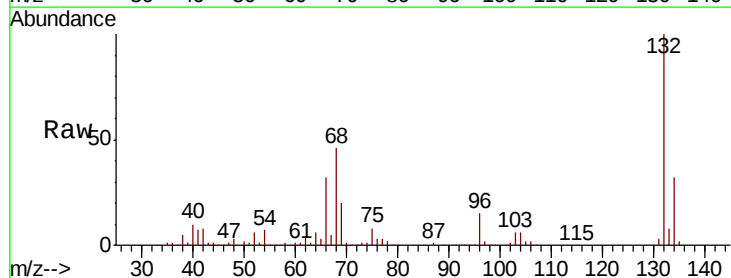
Tgt Ion: 94 Resp: 496

Ion Ratio Lower Upper

94 100

65 972.9 11.5 51.5#

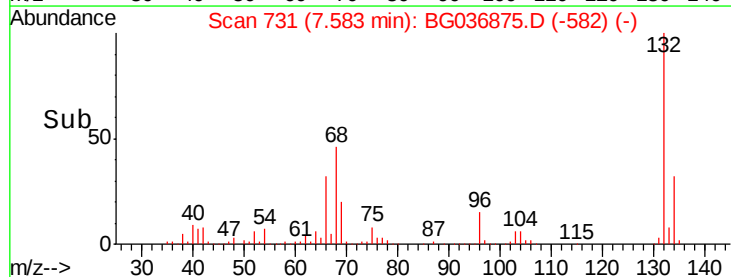
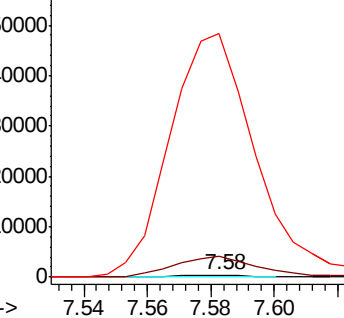
66 11373.2 19.5 59.5#

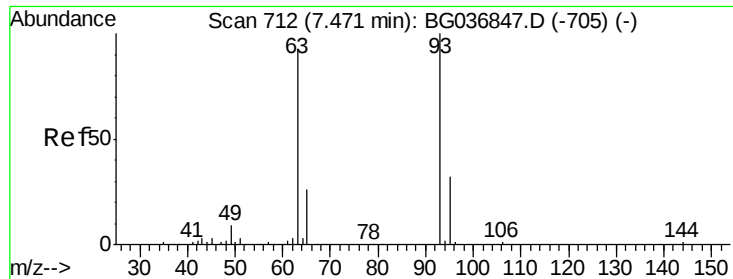


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

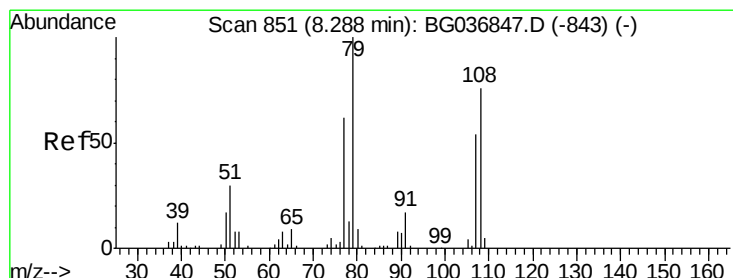
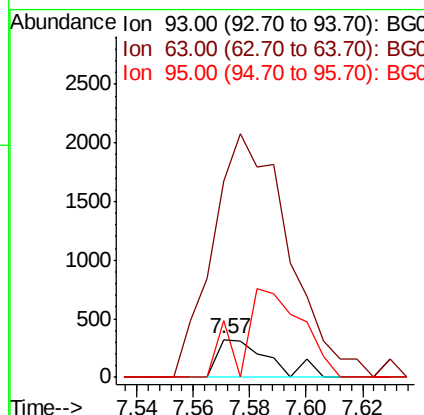
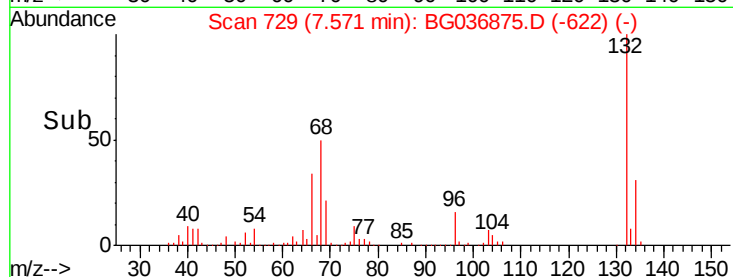
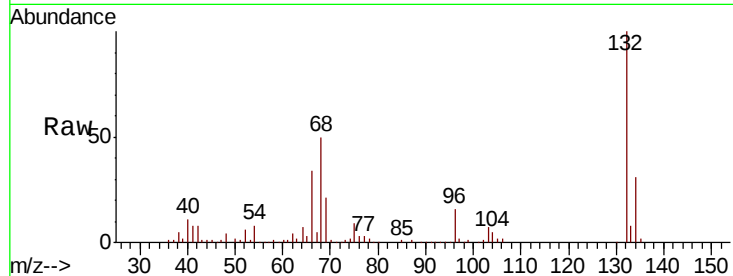




#11
 bis(2-Chloroethyl)ether
 Concen: 2.747 ng
 RT: 7.57 min Scan# 729
 Delta R.T. 0.10 min
 Lab File: BG036875.D
 Acq: 22 Sep 2018 1:53

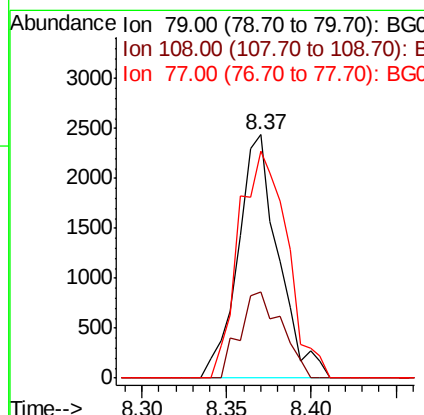
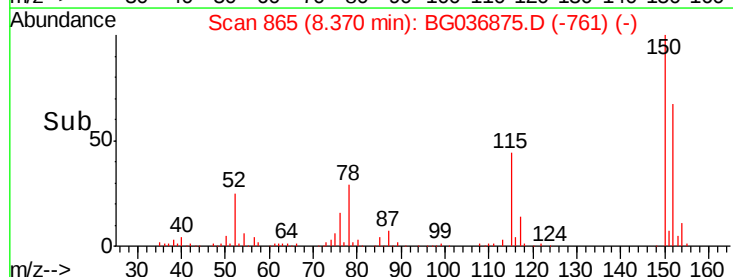
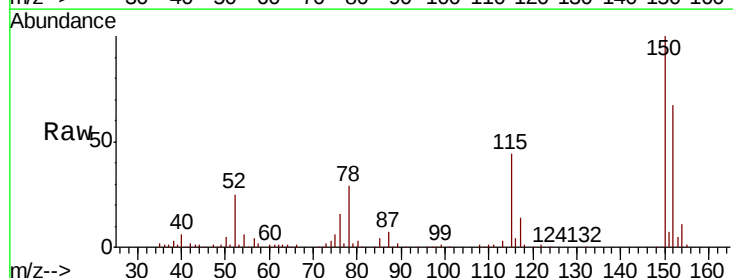
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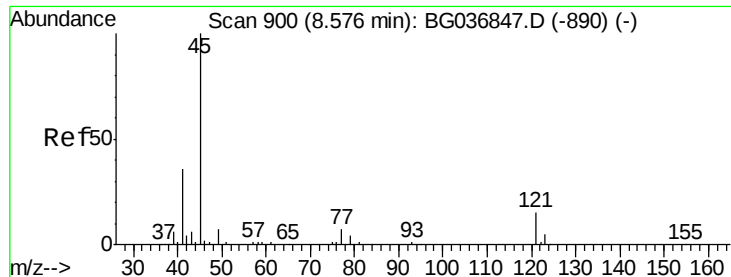
Tgt Ion: 93 Resp: 406
 Ion Ratio Lower Upper
 93 100
 63 521.7 69.9 109.9#
 95 150.0 11.7 51.7#



#15
 Benzyl Alcohol
 Concen: 32.201 ng
 RT: 8.37 min Scan# 865
 Delta R.T. 0.08 min
 Lab File: BG036875.D
 Acq: 22 Sep 2018 1:53

Tgt Ion: 79 Resp: 4045
 Ion Ratio Lower Upper
 79 100
 108 35.5 55.9 83.9#
 77 93.2 50.0 75.0#

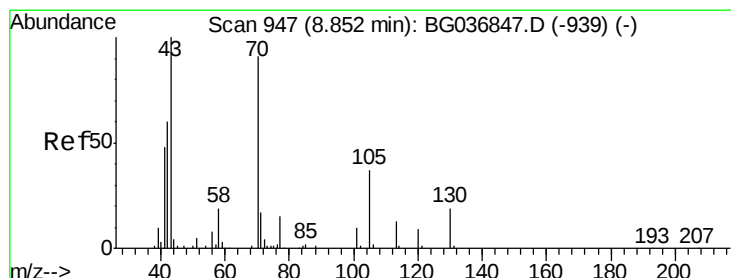
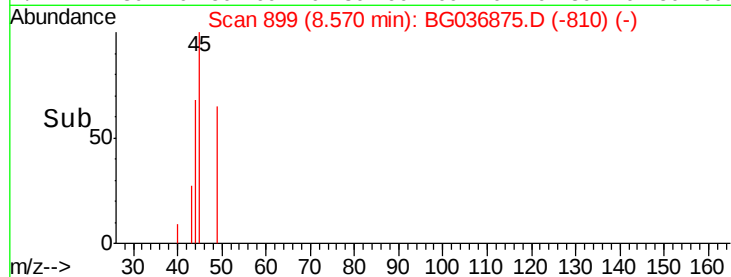
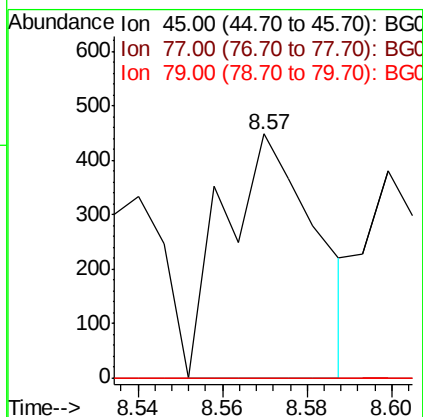
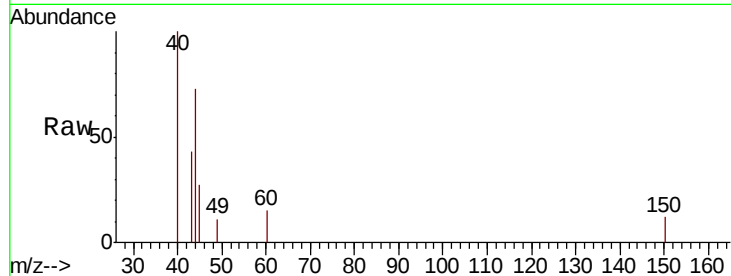




#16
2,2'-oxybis(1-Chloropropane)
Concen: 2.375 ng
RT: 8.57 min Scan# 899
Delta R.T. -0.01 min
Lab File: BG036875.D
Acq: 22 Sep 2018 1:53

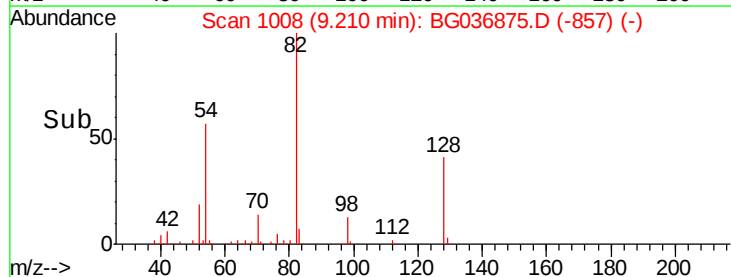
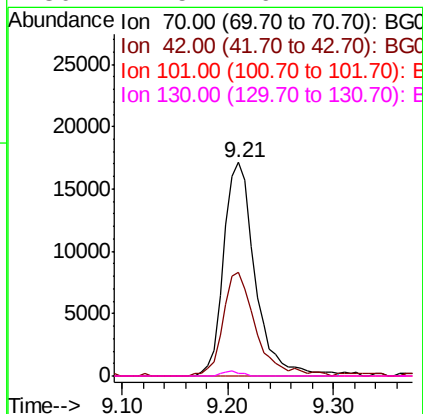
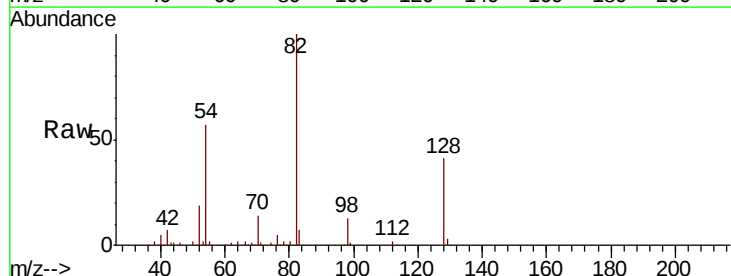
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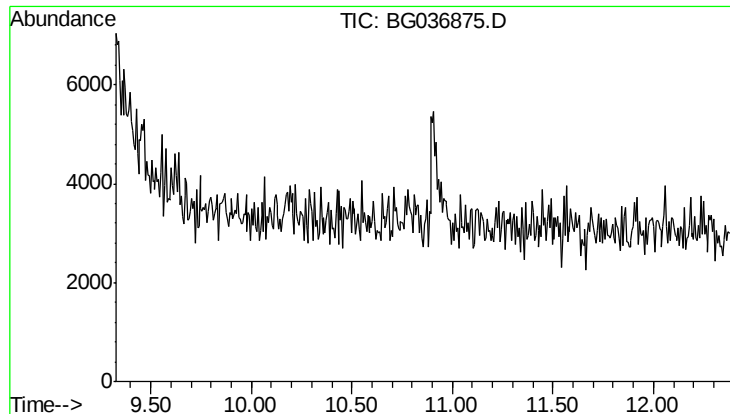
Tgt Ion: 45 Resp: 674
Ion Ratio Lower Upper
45 100
77 0.0 0.0 30.5
79 0.0 0.0 27.9



#19
n-Nitroso-di-n-propylamine
Concen: 274.457 ng
RT: 9.21 min Scan# 1008
Delta R.T. 0.36 min
Lab File: BG036875.D
Acq: 22 Sep 2018 1:53

Tgt Ion: 70 Resp: 35347
Ion Ratio Lower Upper
70 100
42 48.4 56.2 84.4#
101 0.0 7.8 11.6#
130 1.5 16.2 24.2#

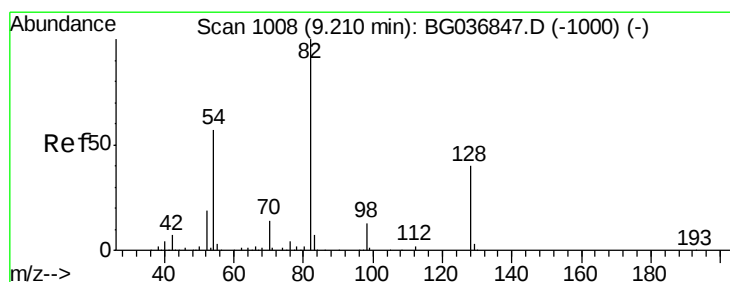
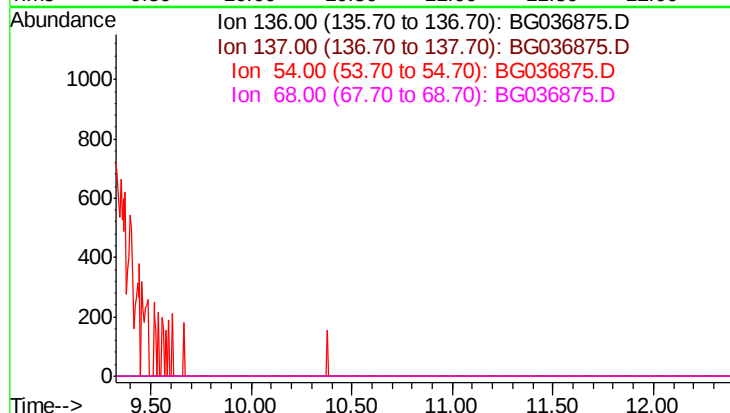




#21
Naphthalene-d8
Concen: 0.000 ng
Expected RT: 10.86 min
Lab File: BG036875.D
Acq: 22 Sep 2018 1:53

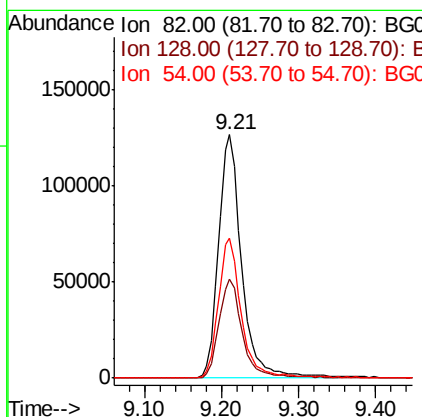
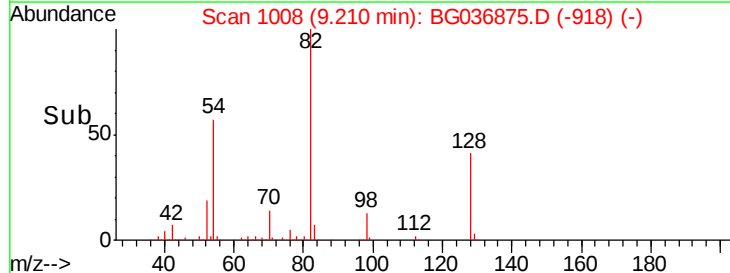
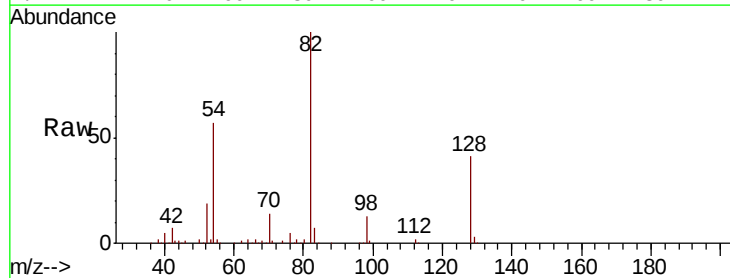
Instrument :
BNA_G
ClientSampleId :
SA-01-091918

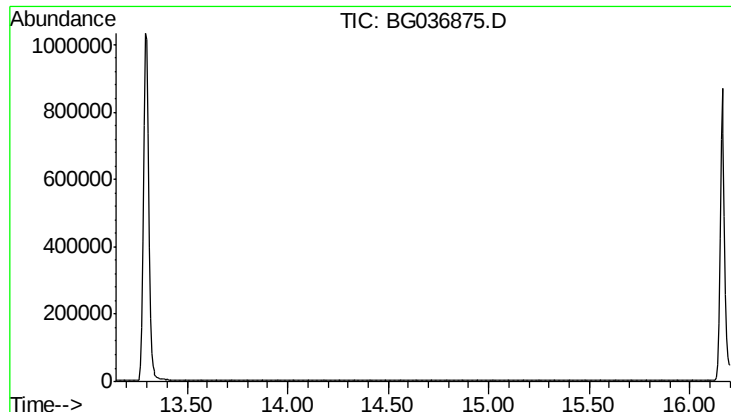
Tgt Ion: 136
Sig Exp Ratio
136 100
137 11.0
54 11.5
68 7.2



#23
Nitrobenzene-d5
Concen: 0.000 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BG036875.D
Acq: 22 Sep 2018 1:53

Tgt Ion: 82 Resp: 261638
Ion Ratio Lower Upper
82 100
128 40.8 33.3 49.9
54 57.4 45.1 67.7





#38

Acenaphthene-d10

Concen: 0.000 ng

Expected RT: 14.67 min

Lab File: BG036875.D

Acq: 22 Sep 2018 1:53

Instrument :

BNA_G

ClientSampleId :

SA-01-091918

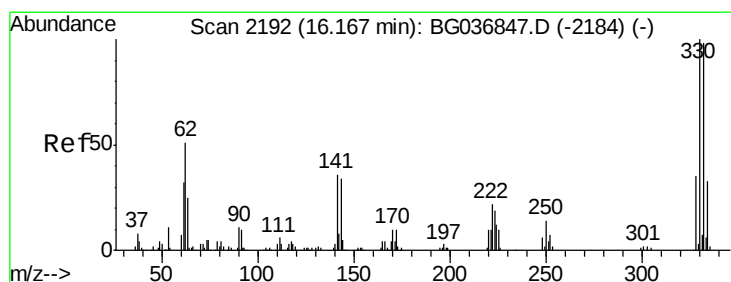
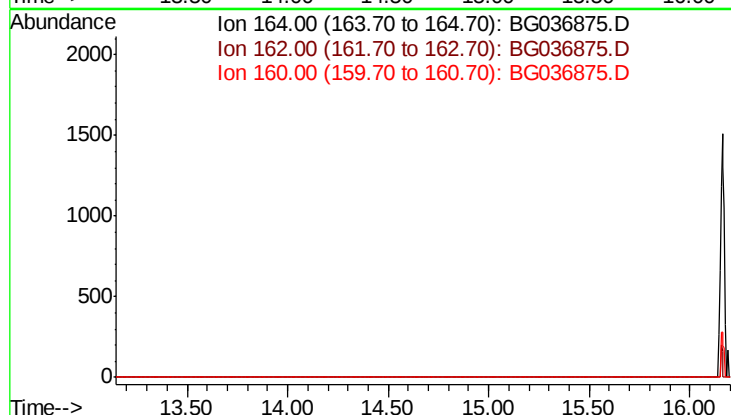
Tgt Ion: 164

Sig Exp Ratio

164 100

162 100.9

160 44.1



#41

2,4,6-Tribromophenol

Concen: 0.000 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG036875.D

Acq: 22 Sep 2018 1:53

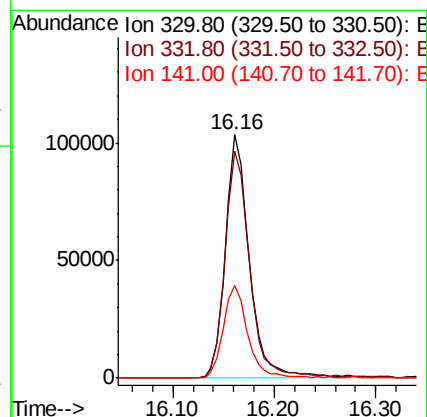
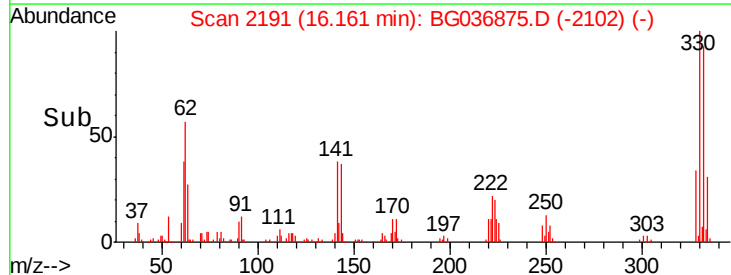
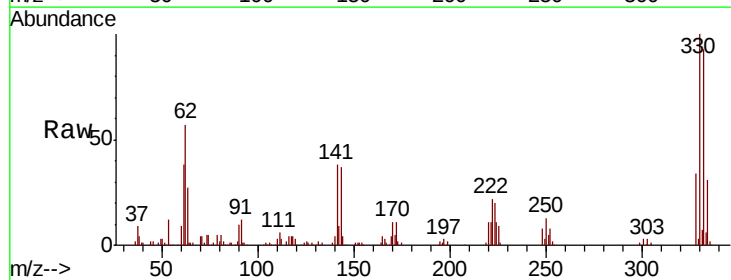
Tgt Ion: 330 Resp: 170240

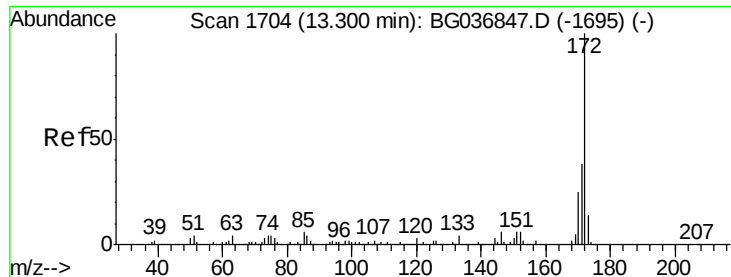
Ion Ratio Lower Upper

330 100

332 95.9 75.4 113.2

141 38.8 30.7 46.1

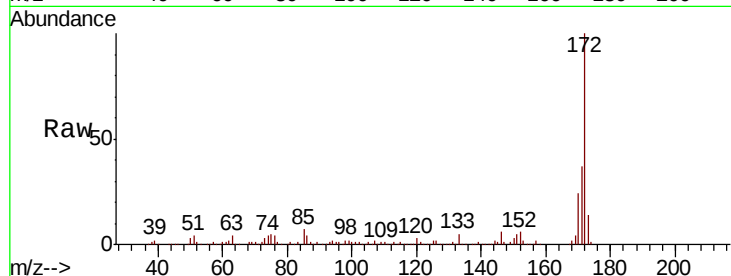




#44
 2-Fluorobiphenyl
 Concen: 0.000 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG036875.D
 Acq: 22 Sep 2018 1:53

Instrument :
 BNA_G
 ClientSampleId :
 SA-01-091918

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	31.3	46.9
170	24.2	21.0	31.6

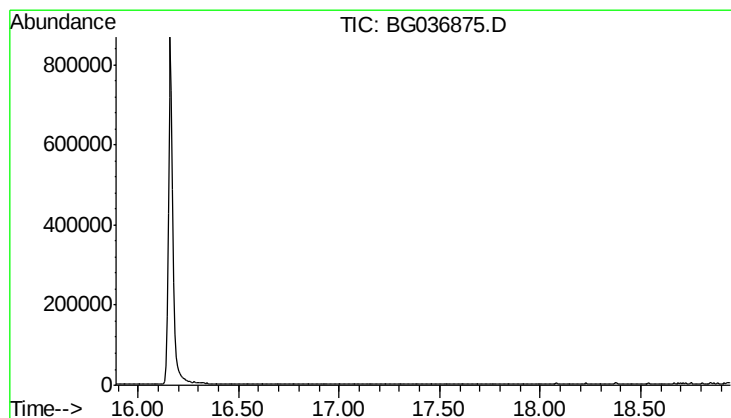
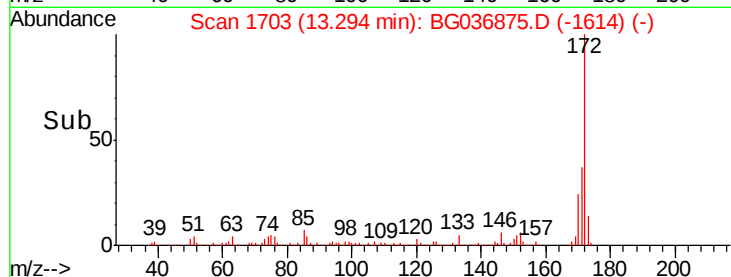
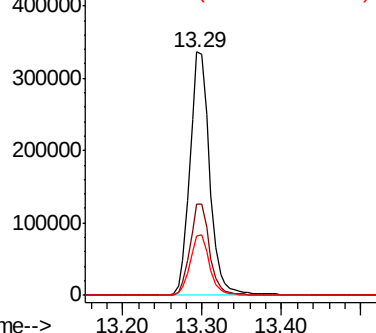


Abundance

Ion 172.00 (171.70 to 172.70): E

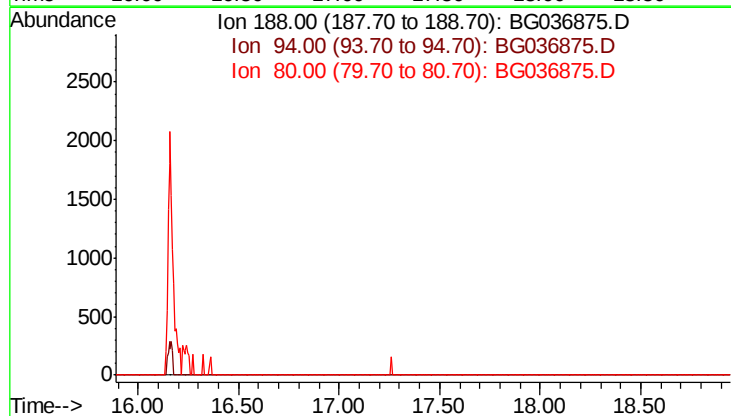
Ion 171.00 (170.70 to 171.70): E

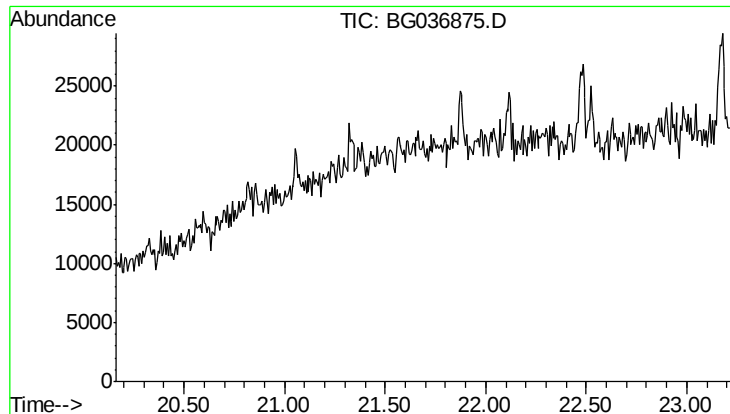
Ion 170.00 (169.70 to 170.70): E



#63
 Phenanthrene-d10
 Concen: 0.000 ng
 Expected RT: 17.42 min
 Lab File: BG036875.D
 Acq: 22 Sep 2018 1:53

Tgt Ion	Sig	Exp Ratio
188	100	
94		8.4
80		10.1

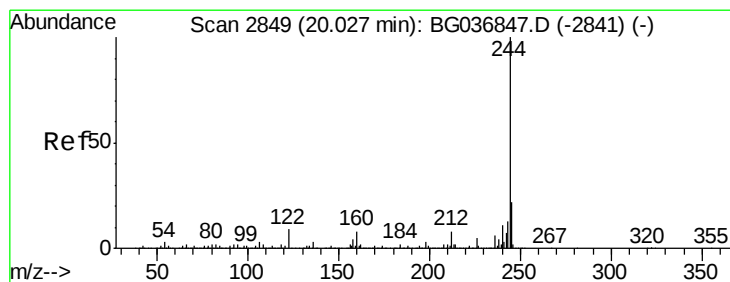
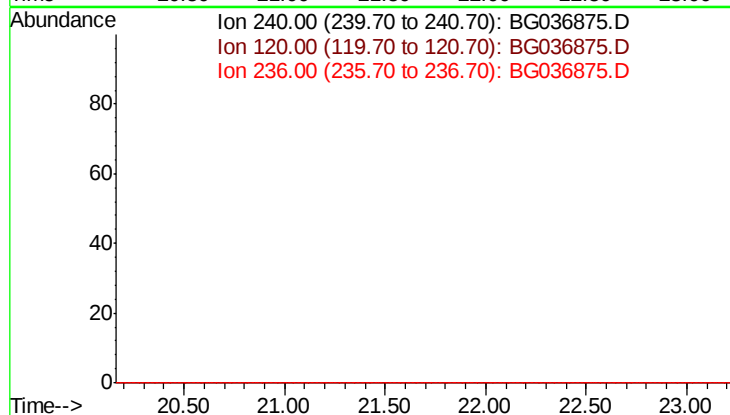




#75
 Chrysene-d12
 Concen: 0.000 ng
 Expected RT: 21.69 min
 Lab File: BG036875.D
 Acq: 22 Sep 2018 1:53

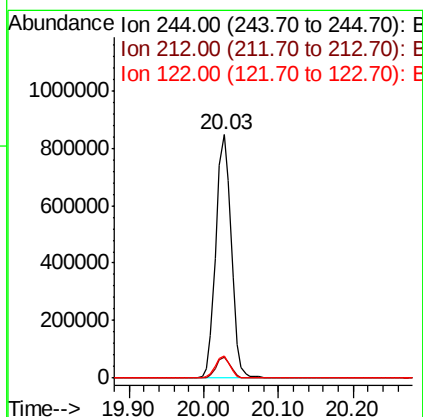
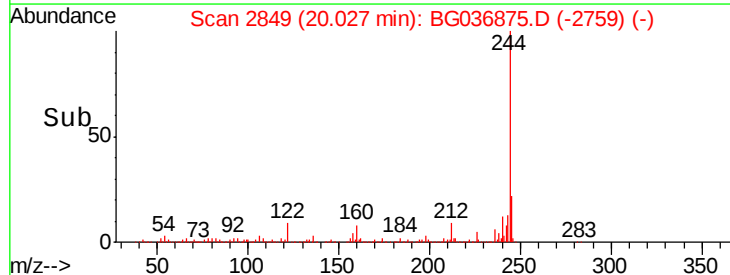
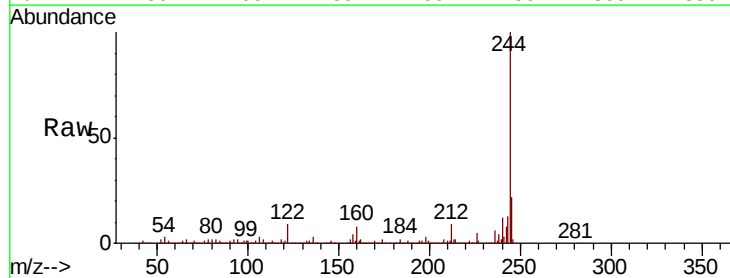
Instrument :
 BNA_G
 ClientSampleId :
 SA-01-091918

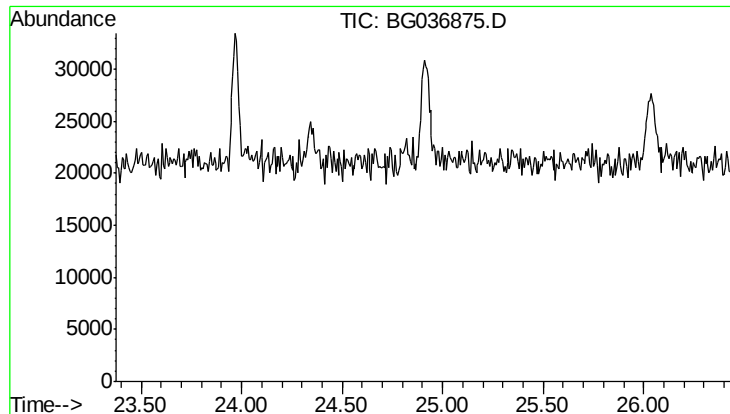
Tgt Ion: 240
 Sig Exp Ratio
 240 100
 120 8.6
 236 26.5



#78
 Terphenyl-d14
 Concen: 0.000 ng
 RT: 20.03 min Scan# 2849
 Delta R.T. -0.00 min
 Lab File: BG036875.D
 Acq: 22 Sep 2018 1:53

Tgt Ion: 244 Resp: 1208716
 Ion Ratio Lower Upper
 244 100
 212 8.5 7.0 10.6
 122 9.0 7.1 10.7





#86
 Perylene-d12
 Concen: 0.000 ng
 Expected RT: 24.90 min
 Lab File: BG036875.D
 Acq: 22 Sep 2018 1:53

Instrument :
 BNA_G
 ClientSampleId :
 SA-01-091918

Tgt Ion: 264
 Sig Exp Ratio
 264 100
 260 24.5
 265 21.7

