

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091820\
 Data File : BG046675.D
 Acq On : 18 Sep 2020 18:47
 Operator : CG/JU
 Sample : L3871-22
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-08-091720

Quant Time: Sep 19 00:32:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 17 14:27:03 2020
 Response via : Initial Calibration

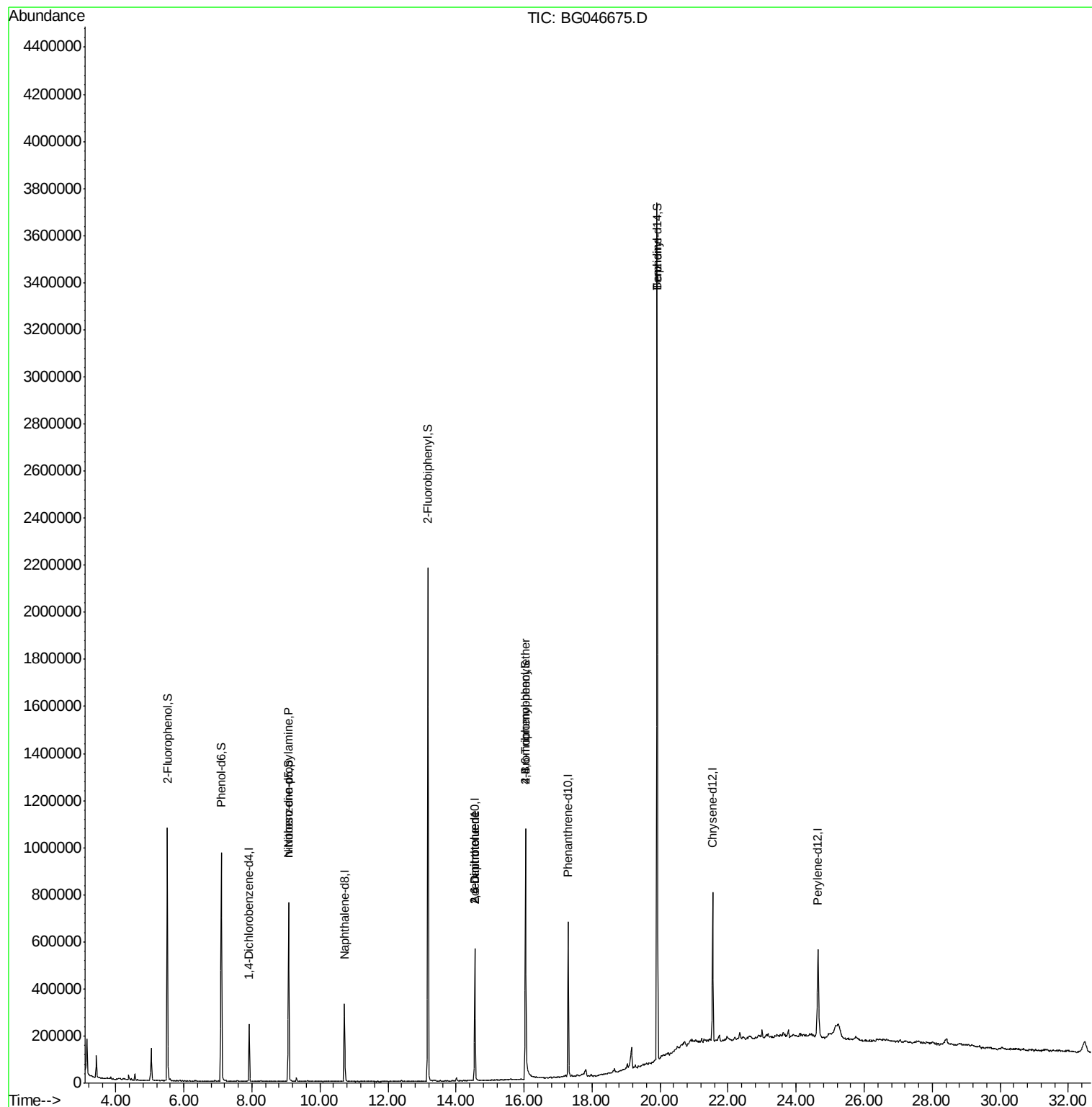
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	74269	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	304017	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	208506	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	443950	20.00	ng	0.00
76) Chrysene-d12	21.54	240	415595	20.00	ng	0.00
86) Perylene-d12	24.64	264	406638	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	509359	121.47	ng	0.00
7) Phenol-d6	7.10	99	626794	105.45	ng	0.00
23) Nitrobenzene-d5	9.08	82	490850	92.28	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	271477	96.09	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1242368	90.96	ng	0.00
79) Terphenyl-d14	19.91	244	1642992	84.13	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.08	70	63297	17.802	ng	# 75
51) 2,6-Dinitrotoluene	14.55	165	27780	7.813	ng	# 34
57) 2,4-Dinitrotoluene	14.55	165	27780	5.479	ng	# 32
67) 4-Bromophenyl-phenylether	16.04	248	19808	3.824	ng	# 1
77) Benzidine	19.91	184	26054	2.698	ng	96

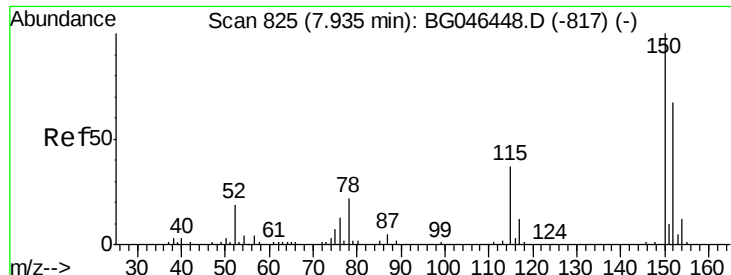
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091820\
Data File : BG046675.D
Acq On : 18 Sep 2020 18:47
Operator : CG/JU
Sample : L3871-22
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-08-091720

Quant Time: Sep 19 00:32:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 17 14:27:03 2020
Response via : Initial Calibration



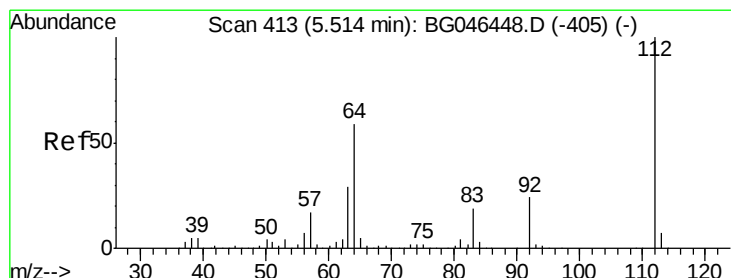
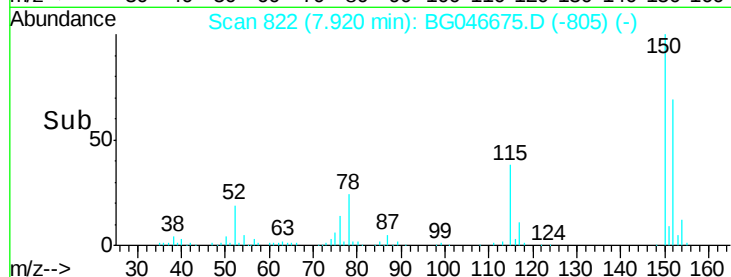
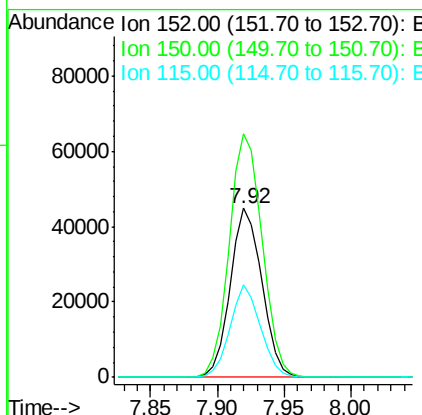
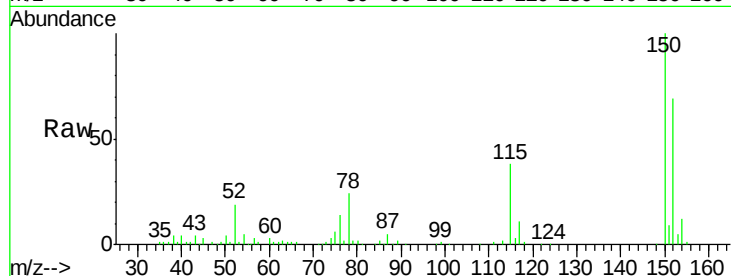


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.92 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BG046675.D
 Acq: 18 Sep 2020 18:47

Instrument :
 BNA_G
 ClientSampleId :
 TR-08-091720

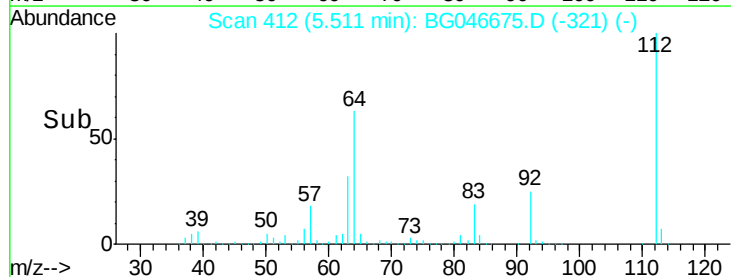
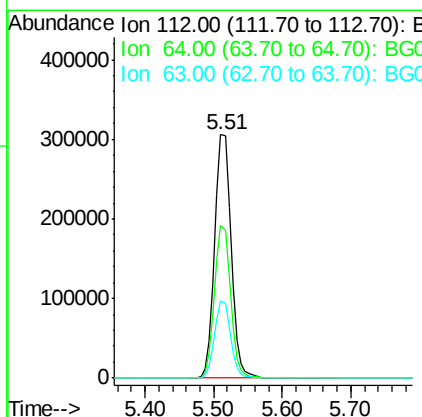
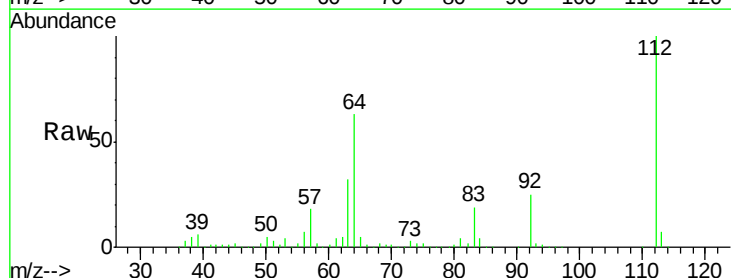
Tot Ion	Ratio	Lower	Upper
152	100		
150	144.2	125.0	187.6
115	54.6	41.8	62.6

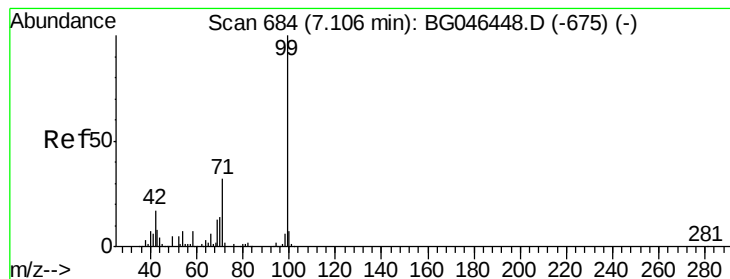


#5

2-Fluorophenol
 Concen: 121.473 ng
 RT: 5.51 min Scan# 412
 Delta R.T. 0.01 min
 Lab File: BG046675.D
 Acq: 18 Sep 2020 18:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.9	46.7	70.1
63	31.6	22.8	34.2





#7

Phenol-d6

Concen: 105.445 ng

RT: 7.10 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG046675.D

Acq: 18 Sep 2020 18:47

Instrument :

BNA_G

ClientSampleId :

TR-08-091720

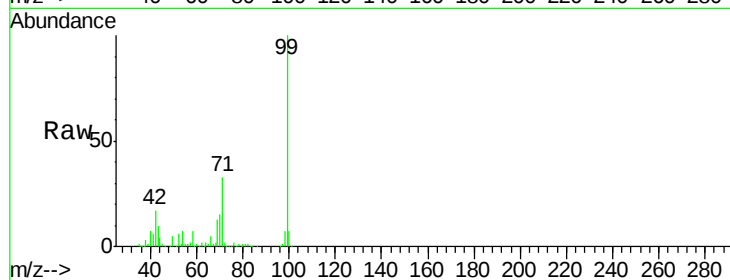
Tot Ion: 99 Resp: 626794

Ion Ratio Lower Upper

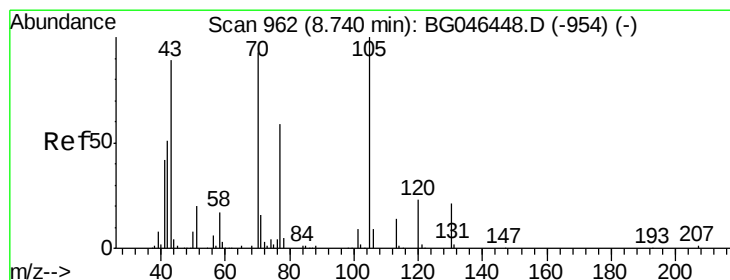
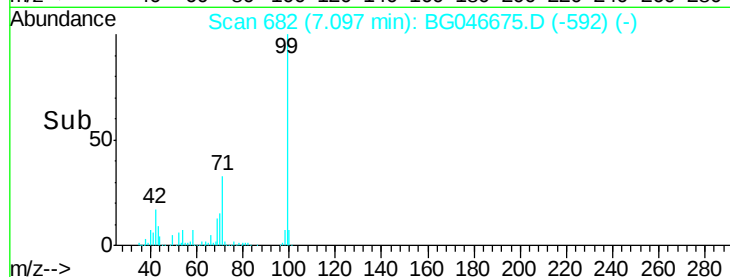
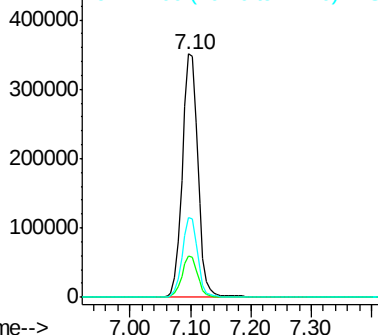
99 100

42 17.2 12.8 19.2

71 32.7 24.6 36.8



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: 17.802 ng

RT: 9.08 min Scan# 1019

Delta R.T. 0.35 min

Lab File: BG046675.D

Acq: 18 Sep 2020 18:47

Tgt Ion: 70 Resp: 63297

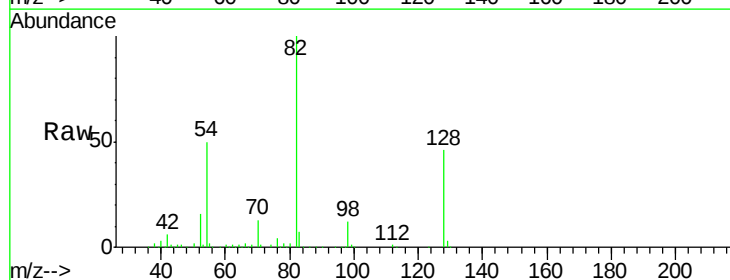
Ion Ratio Lower Upper

70 100

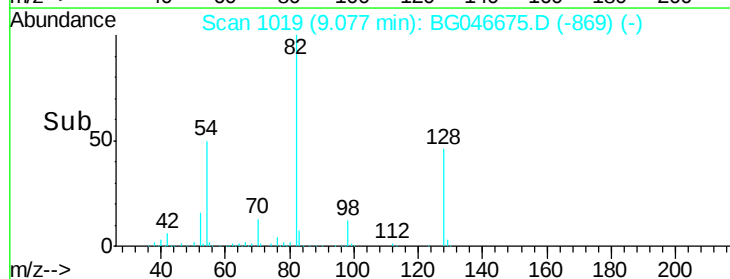
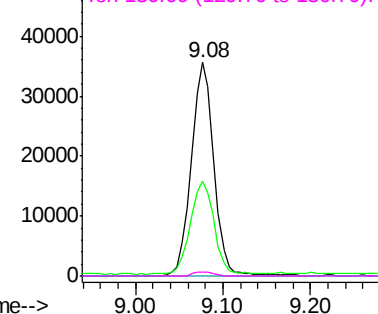
42 44.4 45.6 68.4#

101 0.0 8.4 12.6#

130 1.9 17.8 26.8#



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

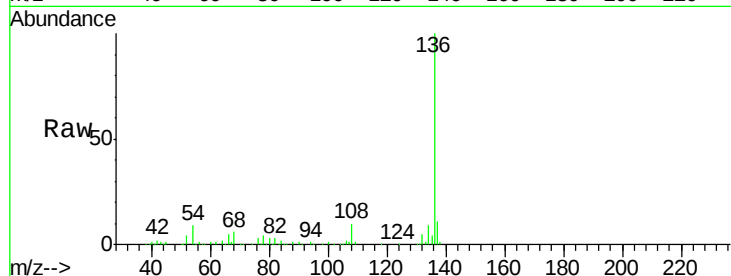




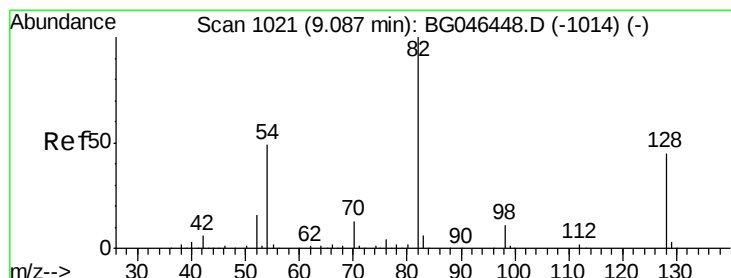
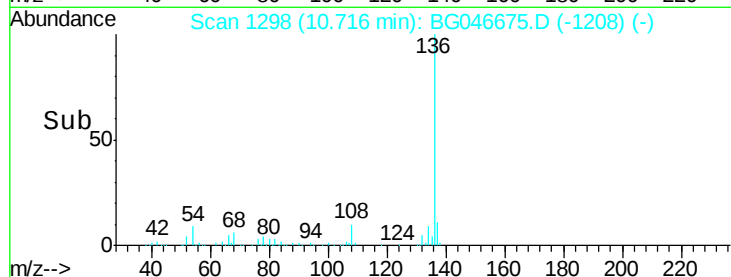
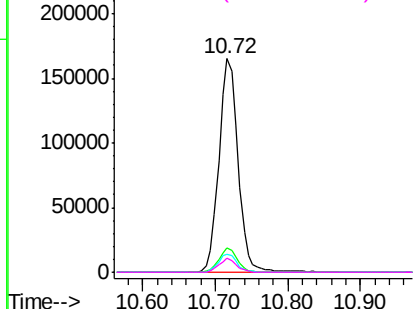
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BG046675.D
Acq: 18 Sep 2020 18:47

Instrument :
BNA_G
ClientSampleId :
TR-08-091720

Tot Ion:136	Resp:	304017
Ion Ratio	Lower	Upper
136 100		
137 11.3	9.1	13.7
54 8.6	6.2	9.4
68 6.5	5.0	7.4

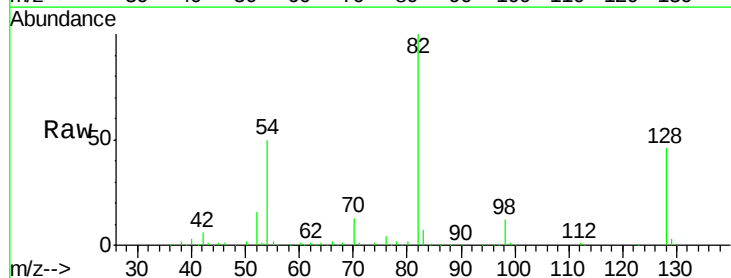


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

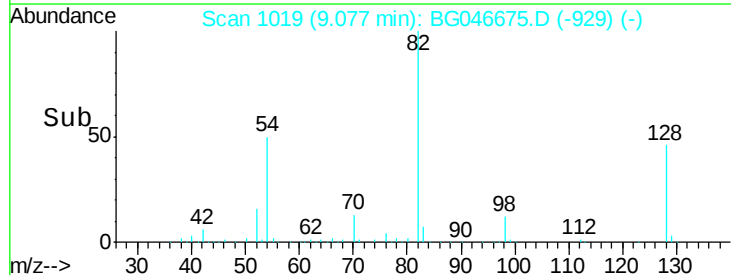
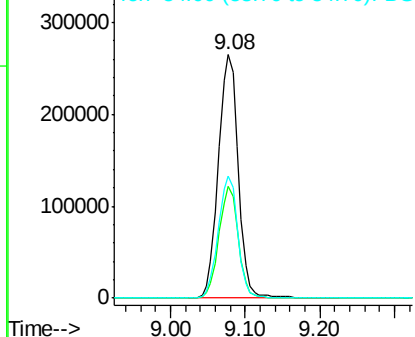


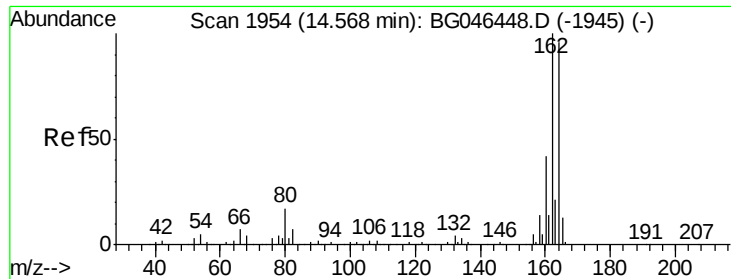
#23
Nitrobenzene-d5
Concen: 92.280 ng
RT: 9.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BG046675.D
Acq: 18 Sep 2020 18:47

Tgt Ion: 82	Resp: 490850
Ion Ratio	Lower Upper
82 100	
128 46.0	37.0 55.6
54 50.0	39.0 58.4



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.55 min Scan# 1951

Delta R.T. 0.00 min

Lab File: BG046675.D

Acq: 18 Sep 2020 18:47

Instrument :

BNA_G

ClientSampleId :

TR-08-091720

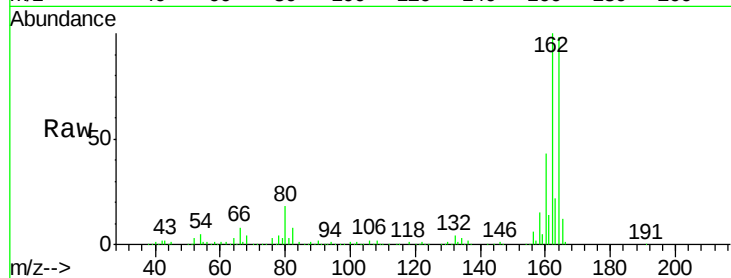
Tot Ion:164 Resp: 208506

Ion Ratio Lower Upper

164 100

162 101.6 82.3 123.5

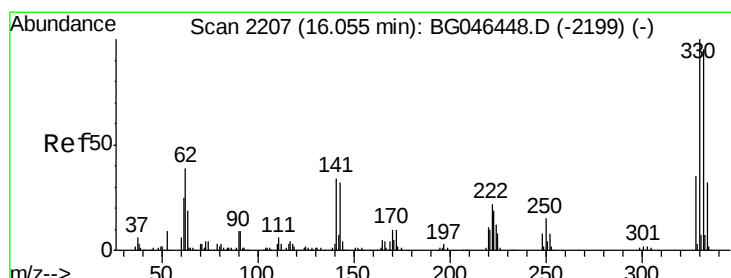
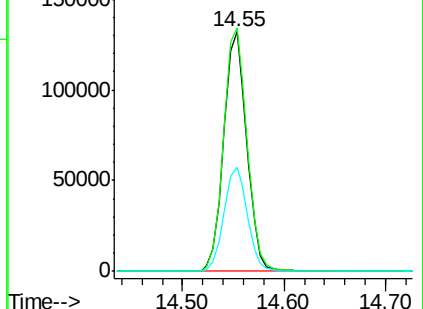
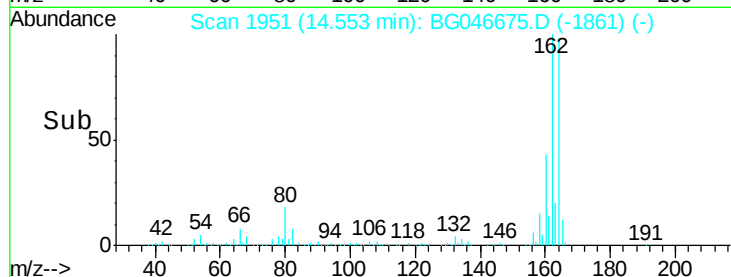
160 43.5 35.3 52.9



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



#42

2,4,6-Tribromophenol

Concen: 96.094 ng

RT: 16.05 min Scan# 2205

Delta R.T. 0.00 min

Lab File: BG046675.D

Acq: 18 Sep 2020 18:47

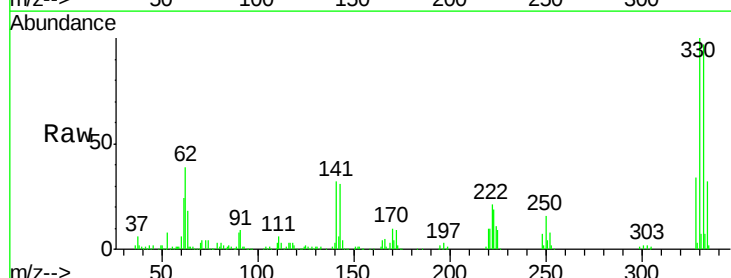
Tgt Ion:330 Resp: 271477

Ion Ratio Lower Upper

330 100

332 95.7 76.5 114.7

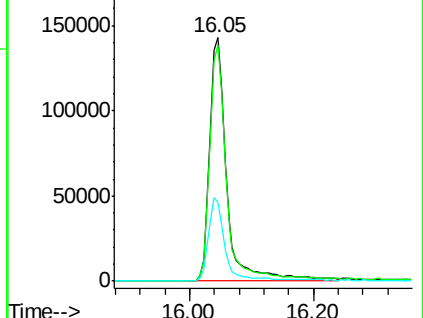
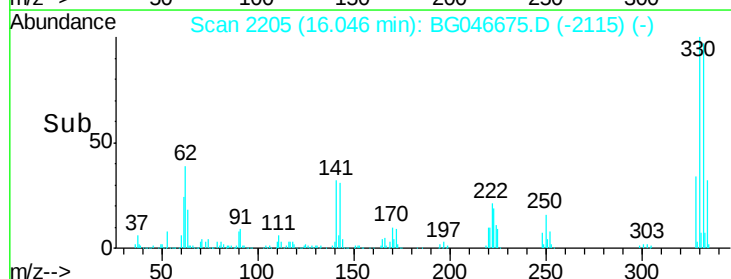
141 32.7 26.0 39.0

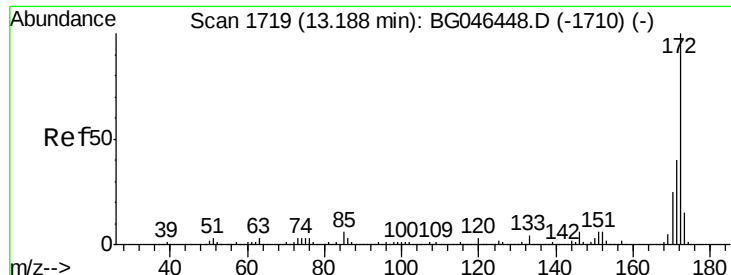


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



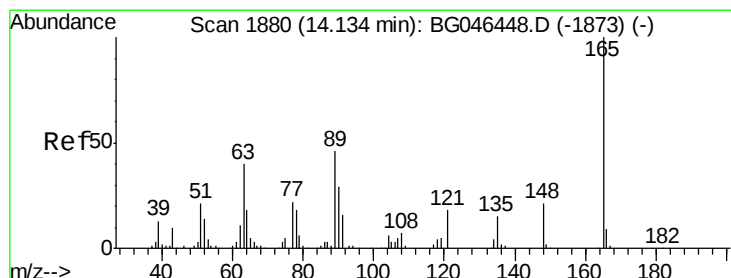
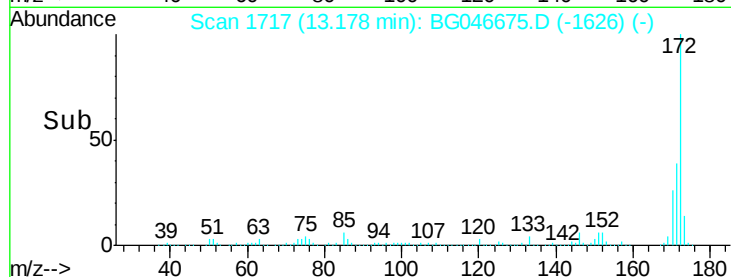
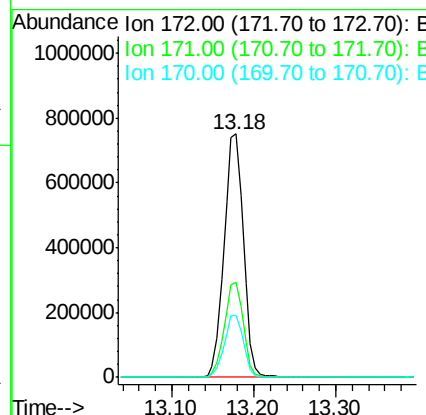
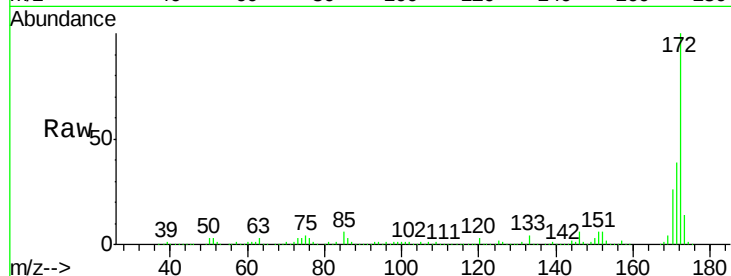


#45
 2-Fluorobiphenyl
 Concen: 90.959 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.01 min
 Lab File: BG046675.D
 Acq: 18 Sep 2020 18:47

Instrument :
 BNA_G
 ClientSampleId :
 TR-08-091720

Tot Ion:172 Resp: 1242368

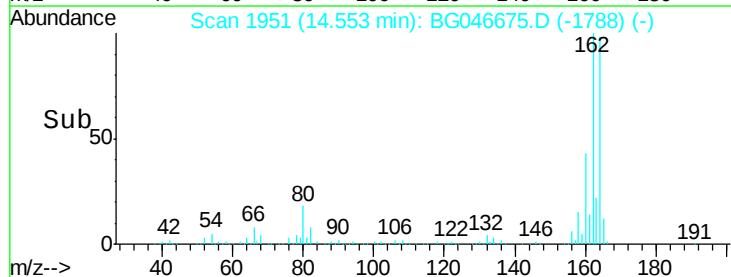
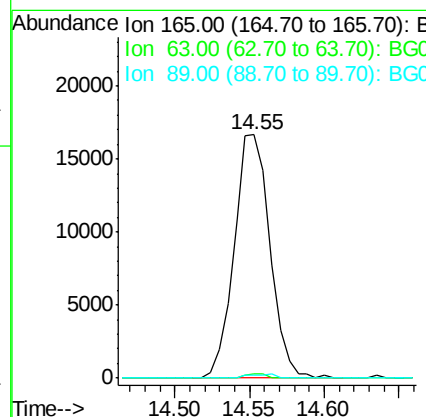
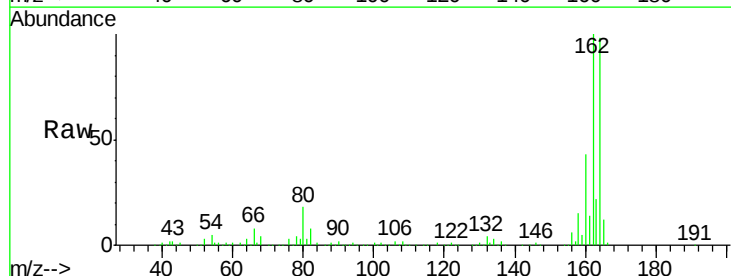
Ion	Ratio	Lower	Upper
172	100		
171	38.9	31.3	46.9
170	25.6	20.8	31.2

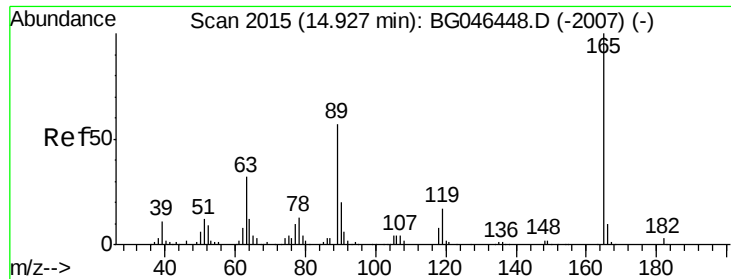


#51
 2,6-Dinitrotoluene
 Concen: 7.813 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. 0.43 min
 Lab File: BG046675.D
 Acq: 18 Sep 2020 18:47

Tgt Ion:165 Resp: 27780

Ion	Ratio	Lower	Upper
165	100		
63	1.6	33.7	50.5#
89	1.1	36.6	54.8#

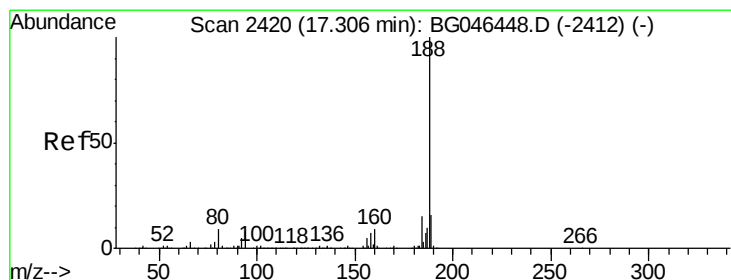
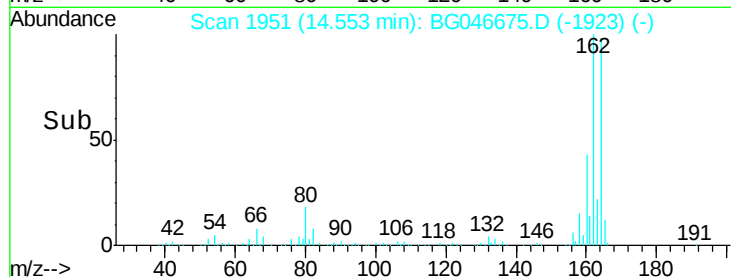
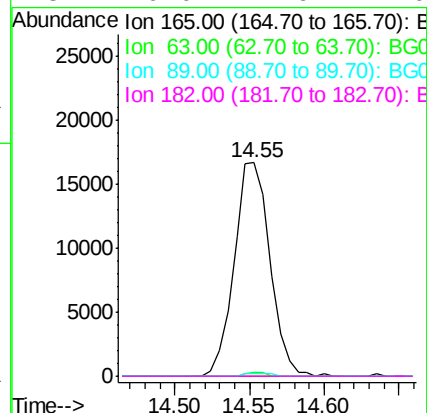
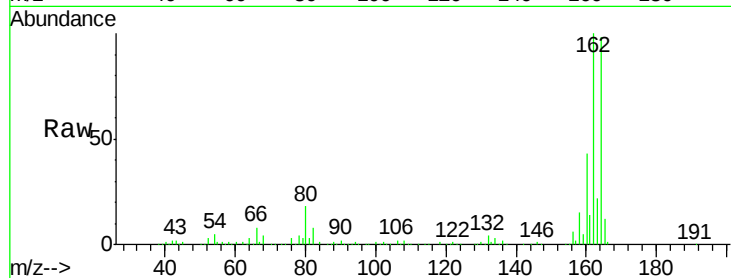




#57
 2,4-Dinitrotoluene
 Concen: 5.479 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. -0.36 min
 Lab File: BG046675.D
 Acq: 18 Sep 2020 18:47

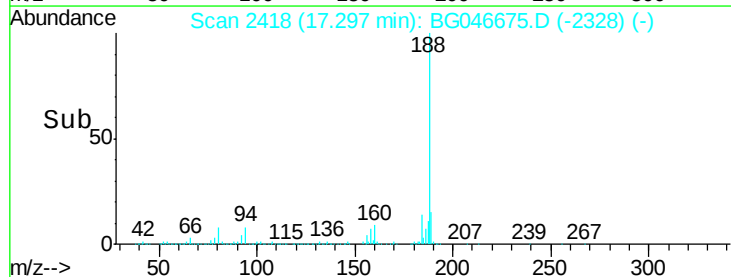
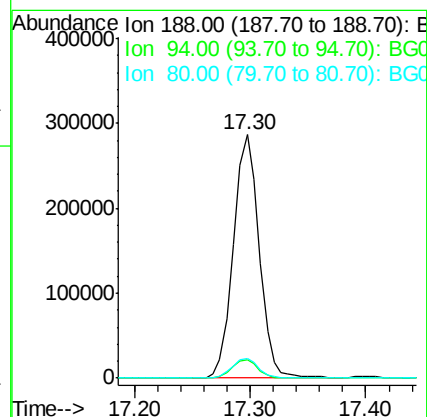
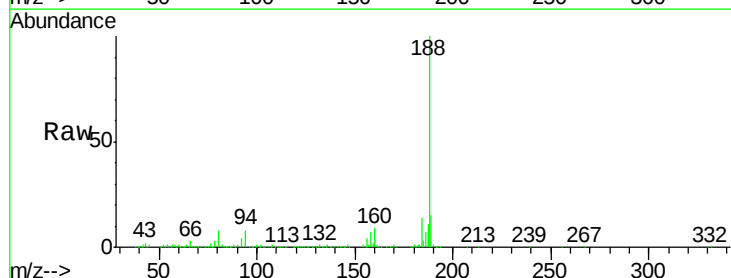
Instrument :
 BNA_G
 ClientSampleId :
 TR-08-091720

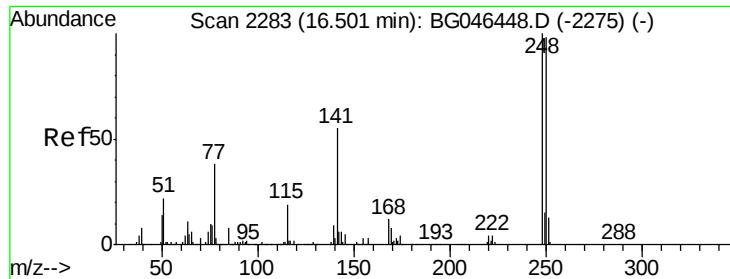
Tot Ion:165 Resp: 27780
 Ion Ratio Lower Upper
 165 100
 63 1.6 26.4 39.6#
 89 1.1 47.8 71.8#
 182 0.0 2.6 4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.30 min Scan# 2418
 Delta R.T. 0.00 min
 Lab File: BG046675.D
 Acq: 18 Sep 2020 18:47

Tgt Ion:188 Resp: 443950
 Ion Ratio Lower Upper
 188 100
 94 7.7 6.3 9.5
 80 7.9 7.0 10.6

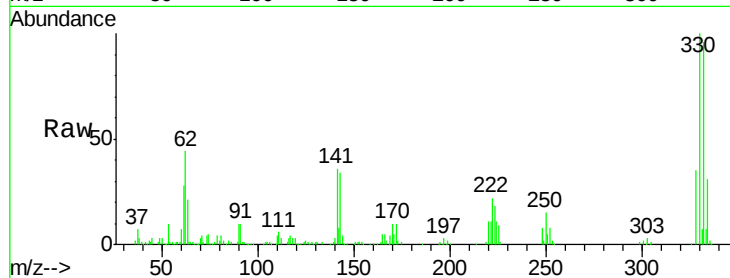




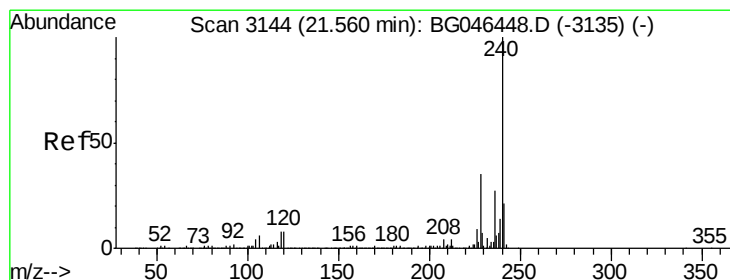
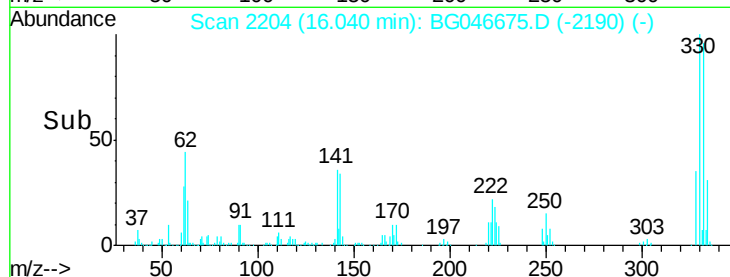
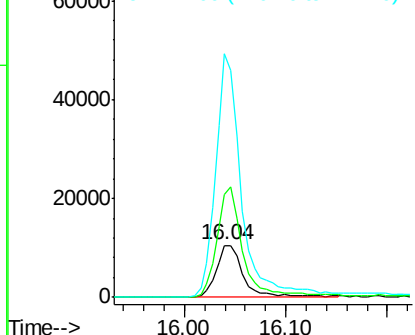
#67
4-Bromophenyl-phenylether
Concen: 3.824 ng
RT: 16.04 min Scan# 2204
Delta R.T. -0.45 min
Lab File: BG046675.D
Acq: 18 Sep 2020 18:47

Instrument :
BNA_G
ClientSampleId :
TR-08-091720

Tot Ion:248 Resp: 19808
Ion Ratio Lower Upper
248 100
250 197.6 78.9 118.3#
141 467.6 46.2 69.4#

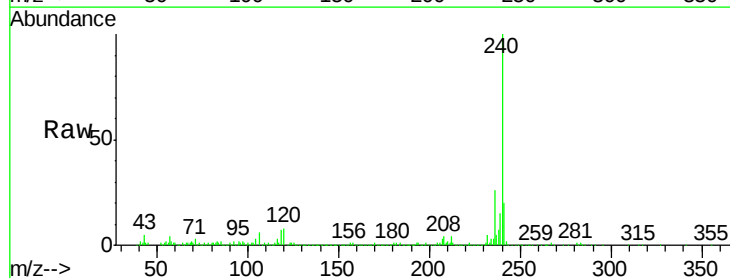


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

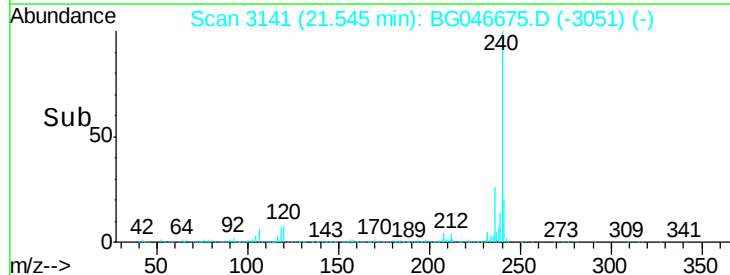
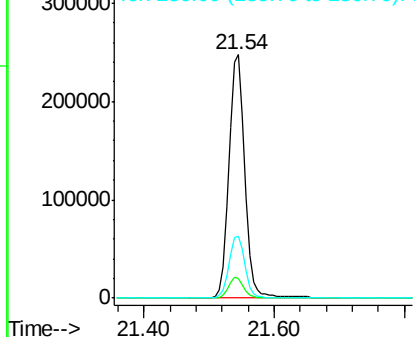


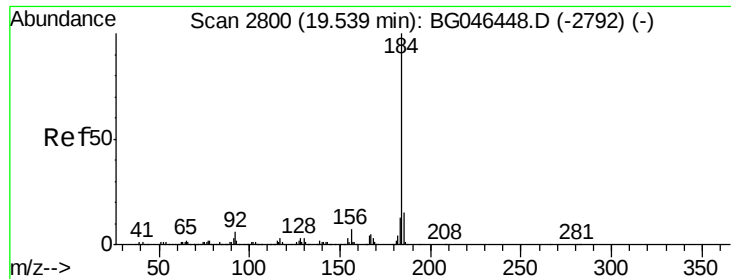
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.54 min Scan# 3141
Delta R.T. 0.00 min
Lab File: BG046675.D
Acq: 18 Sep 2020 18:47

Tgt Ion:240 Resp: 415595
Ion Ratio Lower Upper
240 100
120 8.0 6.2 9.4
236 25.6 20.5 30.7



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





#77

Benzidine

Concen: 2.698 ng

RT: 19.91 min Scan# 2863

Delta R.T. 0.38 min

Lab File: BG046675.D

Acq: 18 Sep 2020 18:47

Instrument :

BNA_G

ClientSampleId :

TR-08-091720

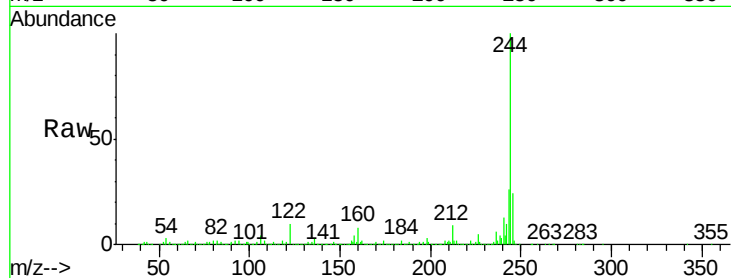
Tot Ion:184 Resp: 26054

Ion Ratio Lower Upper

184 100

185 18.1 12.4 18.6

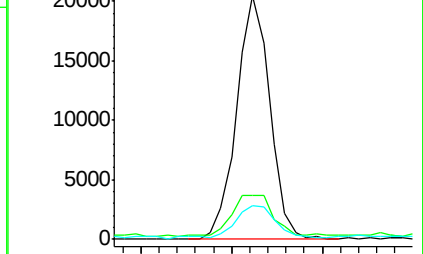
183 13.7 10.6 15.8



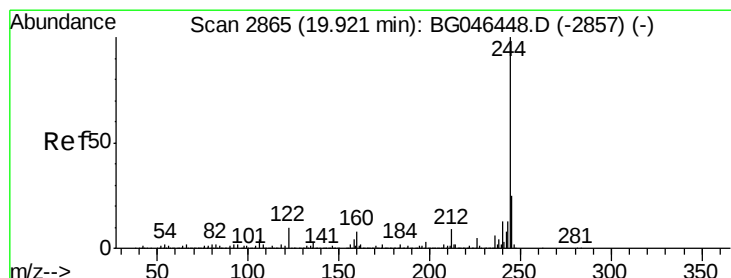
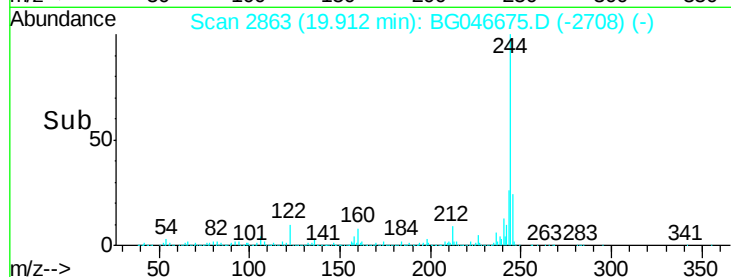
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#79

Terphenyl-d14

Concen: 84.134 ng

RT: 19.91 min Scan# 2863

Delta R.T. 0.00 min

Lab File: BG046675.D

Acq: 18 Sep 2020 18:47

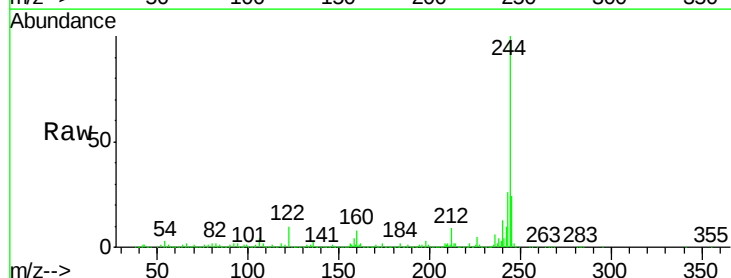
Tgt Ion:244 Resp: 1642992

Ion Ratio Lower Upper

244 100

212 8.8 6.7 10.1

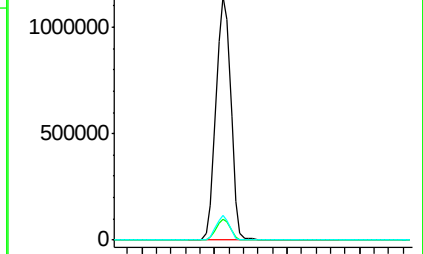
122 10.1 7.8 11.6



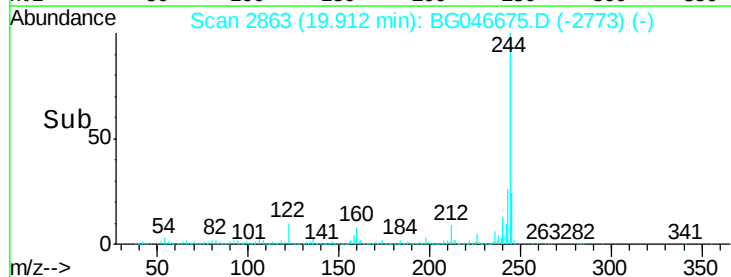
Abundance Ion 244.00 (243.70 to 244.70): E

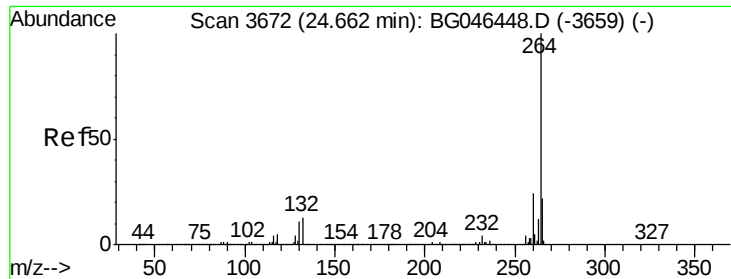
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->

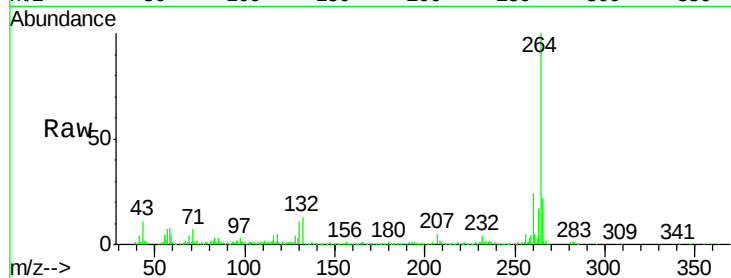




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.64 min Scan# 3668
 Delta R.T. 0.00 min
 Lab File: BG046675.D
 Acq: 18 Sep 2020 18:47

Instrument :
 BNA_G
 ClientSampleId :
 TR-08-091720

Tot Ion	Ion	Ratio	Lower	Upper
406638	264	100		
	260	23.7	18.8	28.2
	265	21.6	17.8	26.8



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

