

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091820\
 Data File : BG046670.D
 Acq On : 18 Sep 2020 15:19
 Operator : CG/JU
 Sample : PB131713BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB131713BL

Quant Time: Sep 18 16:16:37 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

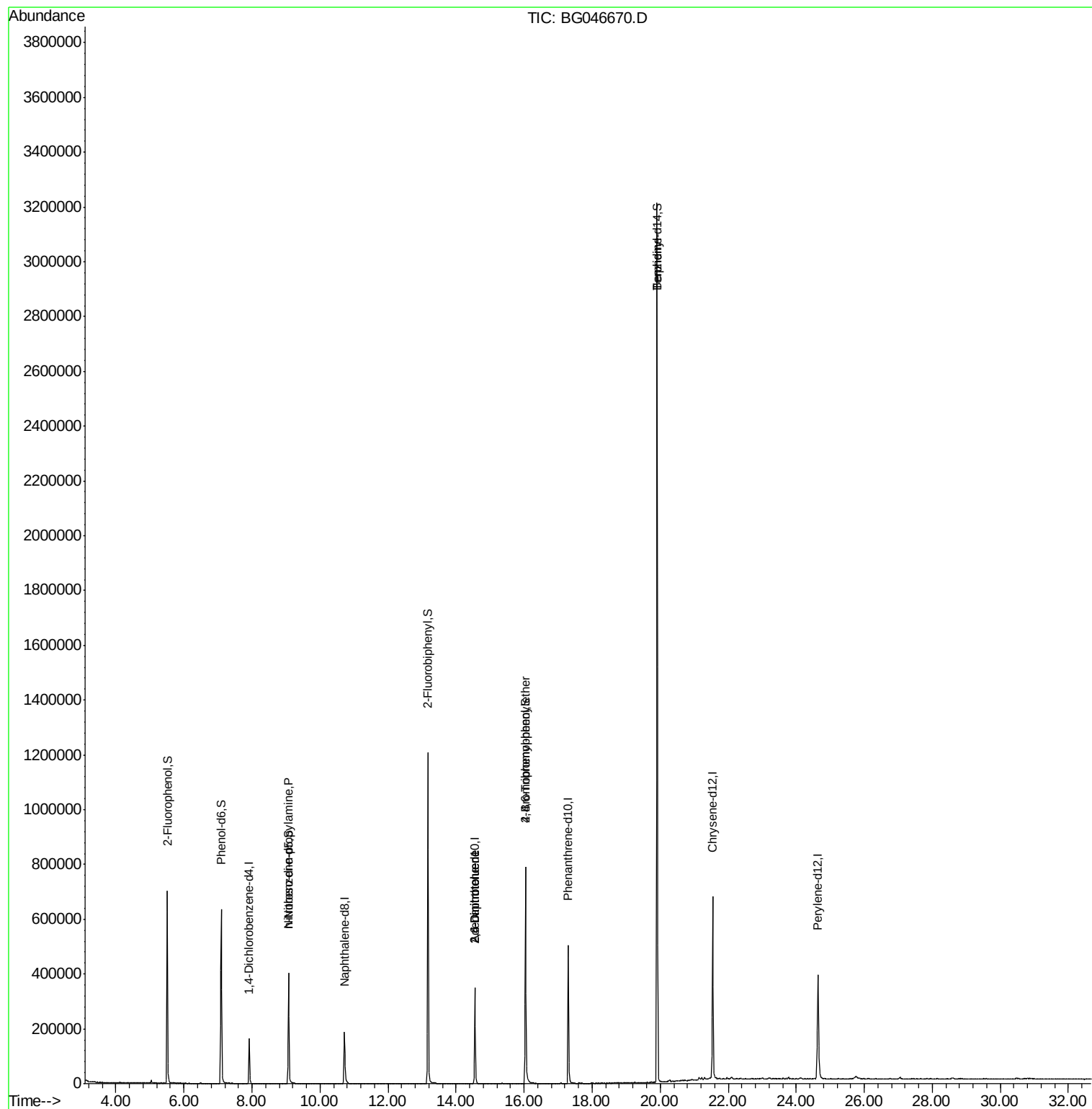
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	54286	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	207454	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	138836	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	365097	20.00	ng	0.00
76) Chrysene-d12	21.54	240	445685	20.00	ng	0.00
86) Perylene-d12	24.64	264	425878	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	337577	110.14	ng	0.00
7) Phenol-d6	7.09	99	425284	97.88	ng	0.00
23) Nitrobenzene-d5	9.07	82	278553	76.74	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	190051	101.03	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	746317	82.06	ng	0.00
79) Terphenyl-d14	19.91	244	1452694	69.37	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.07	70	34608	13.316	ng	# 75
51) 2,6-Dinitrotoluene	14.55	165	18481	7.806	ng	# 32
57) 2,4-Dinitrotoluene	14.55	165	18481	5.474	ng	# 30
67) 4-Bromophenyl-phenylether	16.04	248	14947	3.509	ng	# 1
77) Benzidine	19.91	184	21701	2.095	ng	98

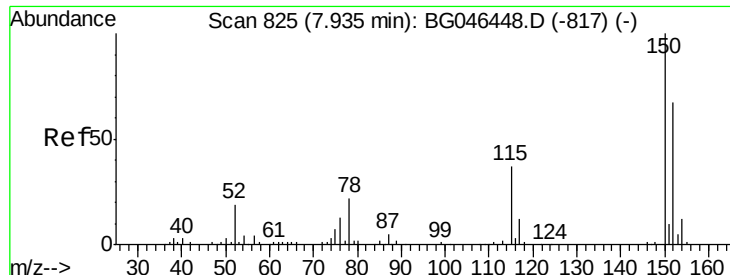
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 17 14:27:03 2020
Response via : Initial Calibration



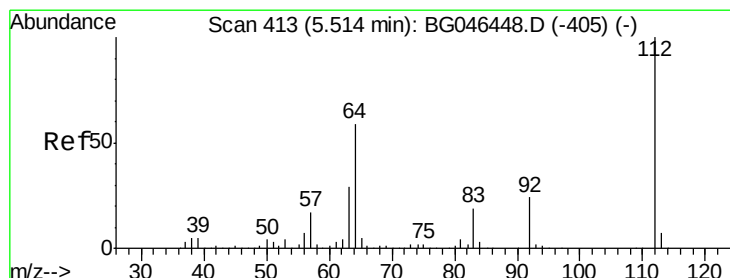
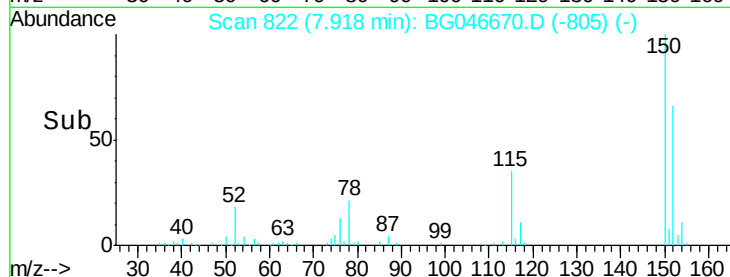
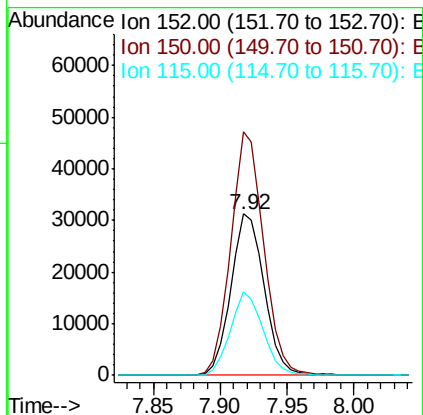
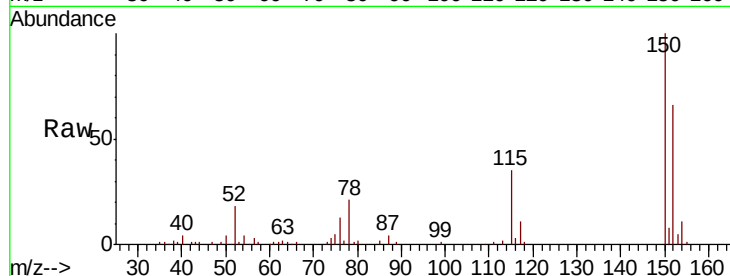


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BG046670.D
Acq: 18 Sep 2020 15:19

Instrument :
BNA_G
ClientSampleId :
PB131713BL

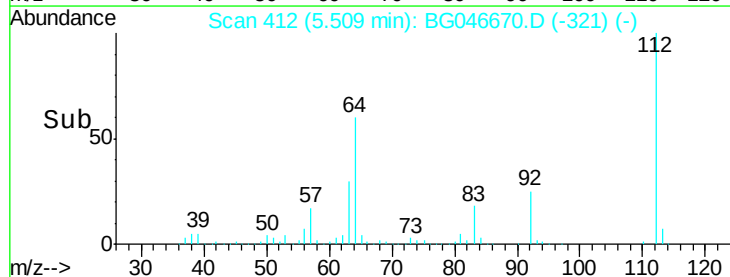
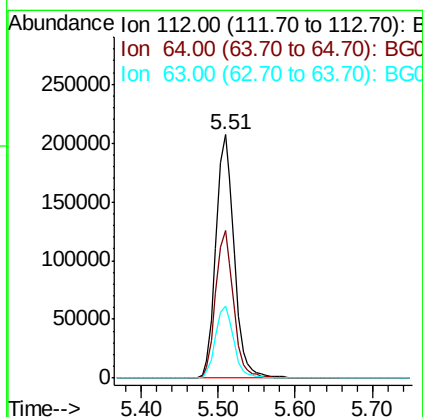
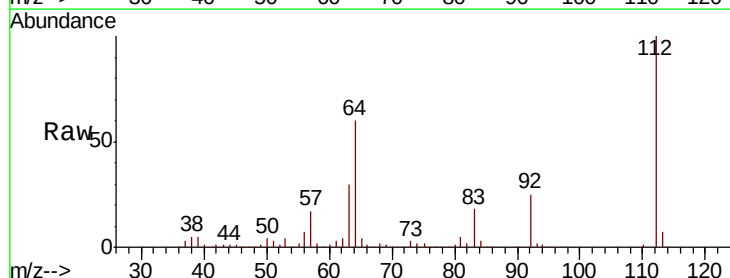
Tot Ion:152 Resp: 54286
Ion Ratio Lower Upper
152 100
150 151.0 125.0 187.6
115 52.1 41.8 62.6

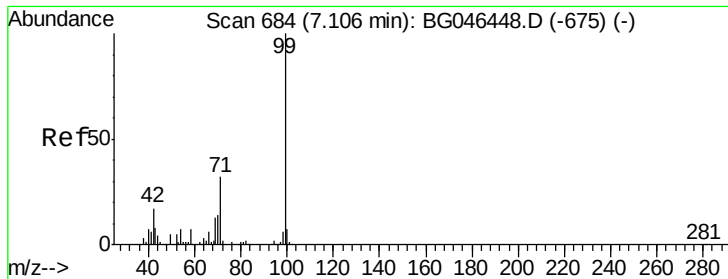


#5

2-Fluorophenol
Concen: 110.141 ng
RT: 5.51 min Scan# 412
Delta R.T. 0.00 min
Lab File: BG046670.D
Acq: 18 Sep 2020 15:19

Tgt Ion:112 Resp: 337577
Ion Ratio Lower Upper
112 100
64 60.4 46.7 70.1
63 29.7 22.8 34.2





#7

Phenol-d6

Concen: 97.881 ng

RT: 7.09 min Scan# 682

Delta R.T. -0.00 min

Lab File: BG046670.D

Acq: 18 Sep 2020 15:19

Instrument :

BNA_G

ClientSampleId :

PB131713BL

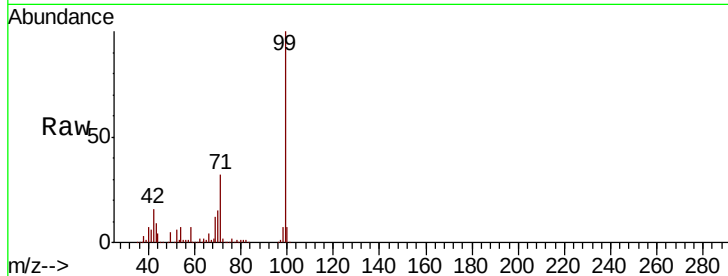
Tot Ion: 99 Resp: 425284

Ion Ratio Lower Upper

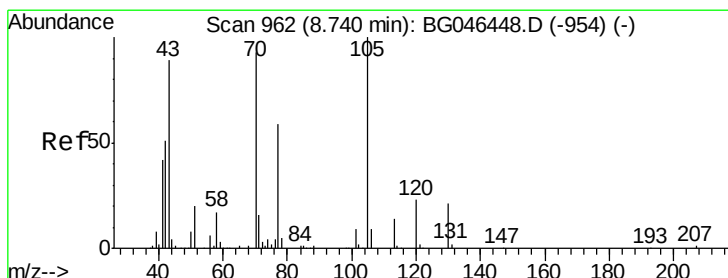
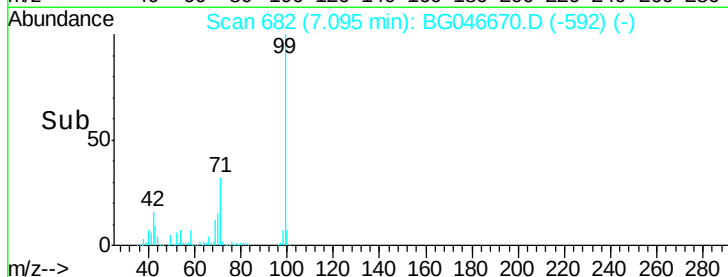
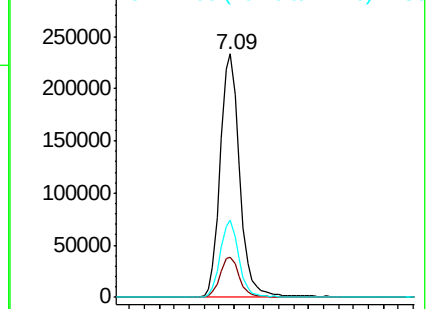
99 100

42 16.4 12.8 19.2

71 31.6 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: 13.316 ng

RT: 9.07 min Scan# 1019

Delta R.T. 0.35 min

Lab File: BG046670.D

Acq: 18 Sep 2020 15:19

Tgt Ion: 70 Resp: 34608

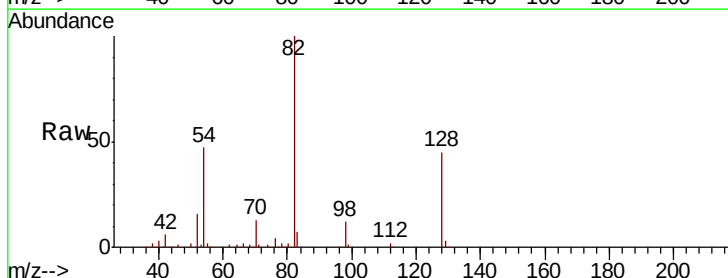
Ion Ratio Lower Upper

70 100

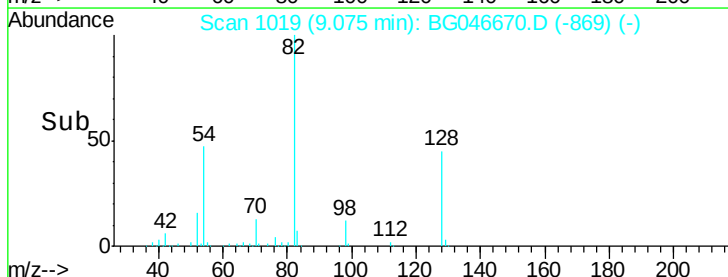
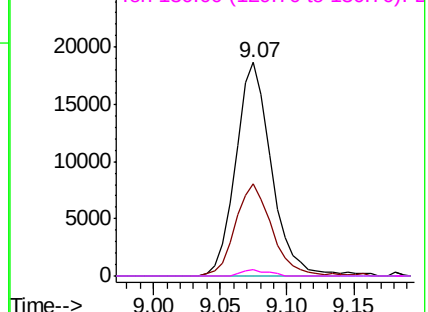
42 43.1 45.6 68.4#

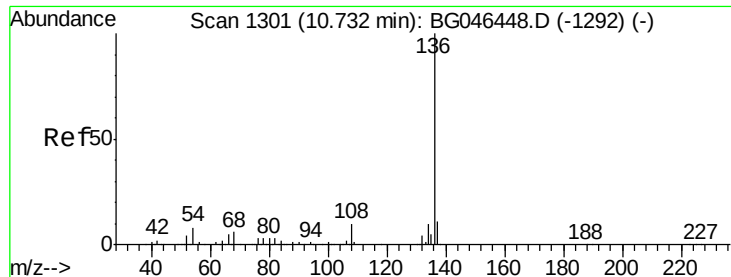
101 0.0 8.4 12.6#

130 2.9 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# 1299

Delta R.T. 0.00 min

Lab File: BG046670.D

Acq: 18 Sep 2020 15:19

Instrument :

BNA_G

ClientSampleId :

PB131713BL

Tot Ion:136 Resp: 207454

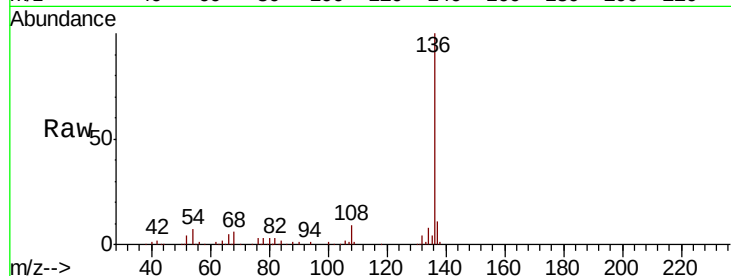
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 7.4 6.2 9.4

68 6.0 5.0 7.4

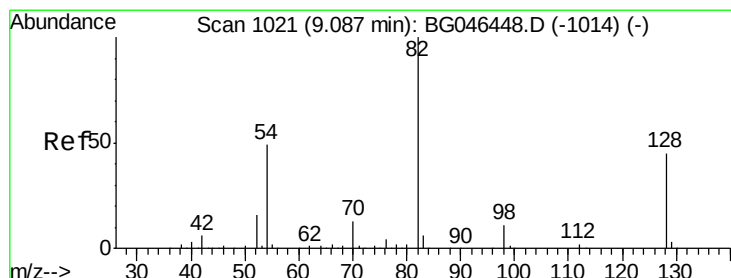
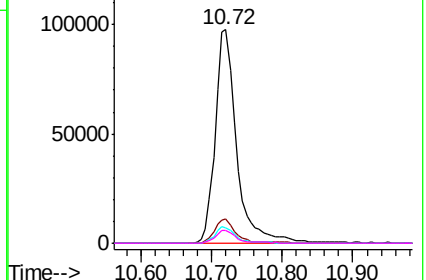
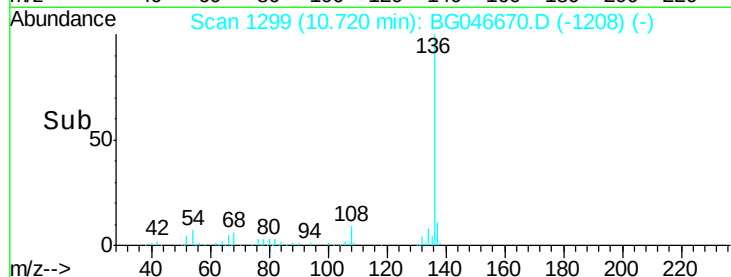


Abundance Ion 136.00 (135.70 to 136.70): E

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: 76.743 ng

RT: 9.07 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BG046670.D

Acq: 18 Sep 2020 15:19

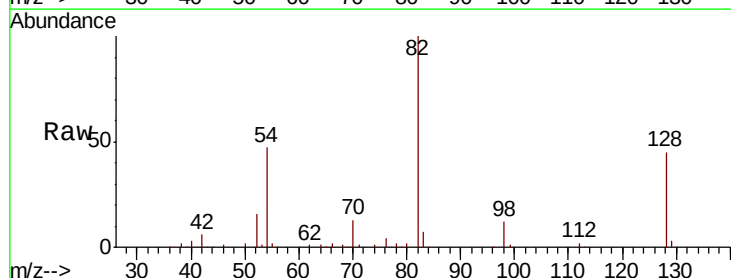
Tgt Ion: 82 Resp: 278553

Ion Ratio Lower Upper

82 100

128 44.8 37.0 55.6

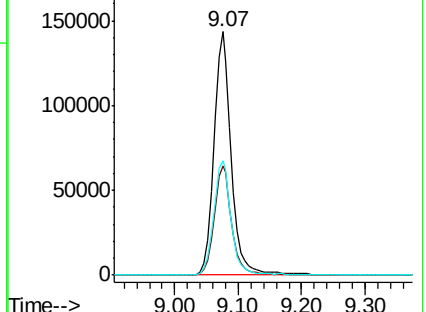
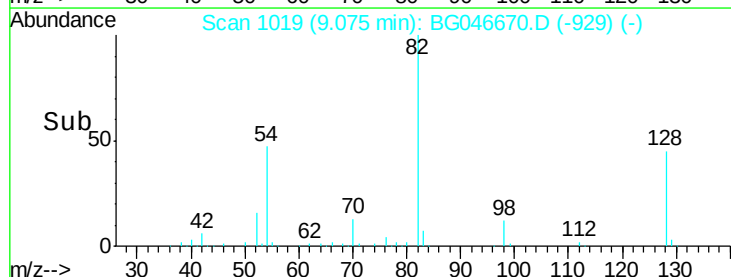
54 47.2 39.0 58.4

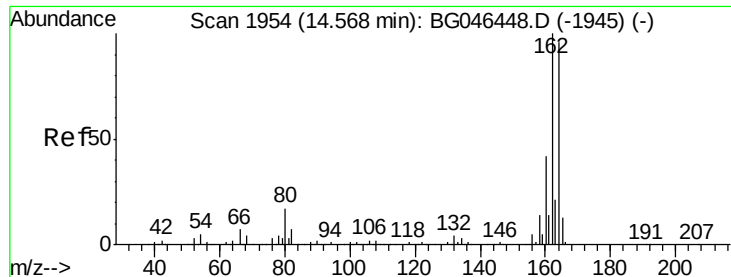


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

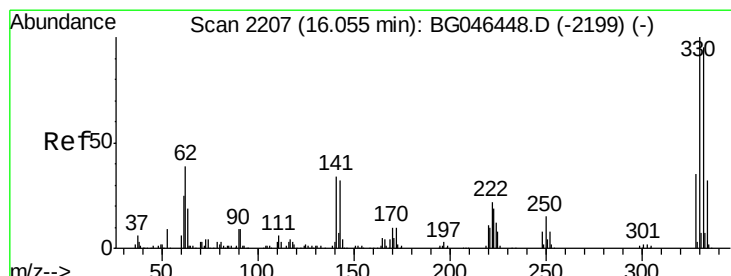
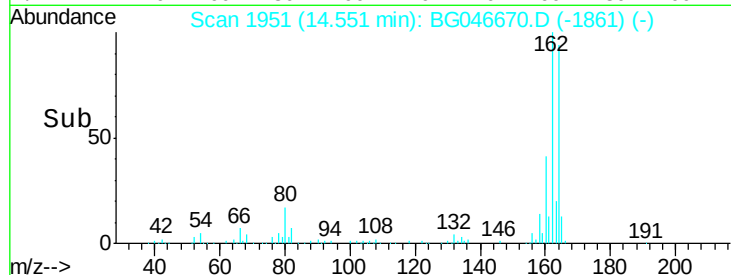
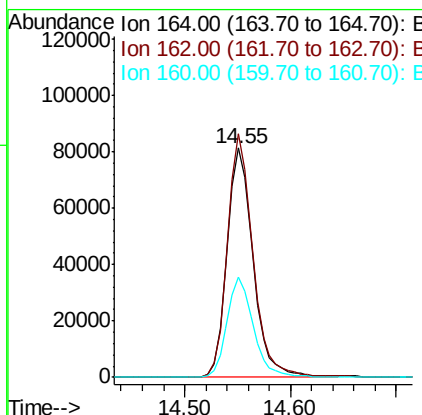
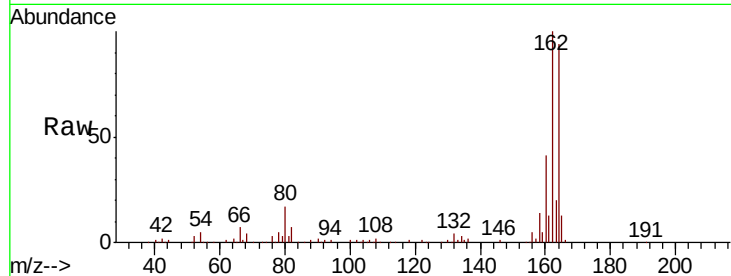




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: BG046670.D
 Acq: 18 Sep 2020 15:19

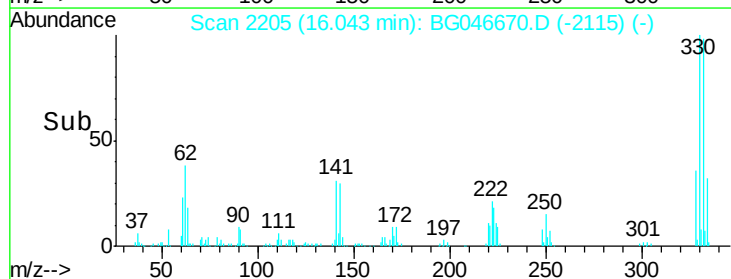
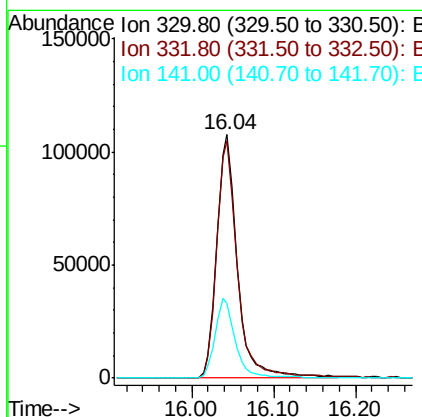
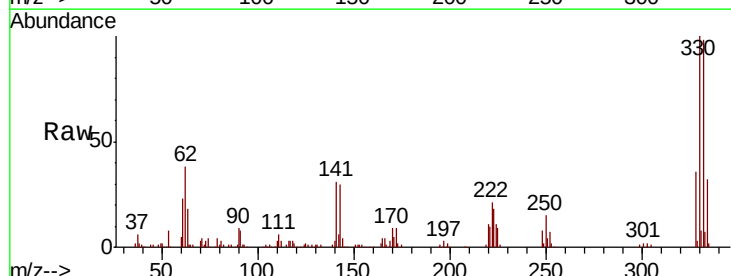
Instrument :
 BNA_G
 ClientSampleId :
 PB131713BL

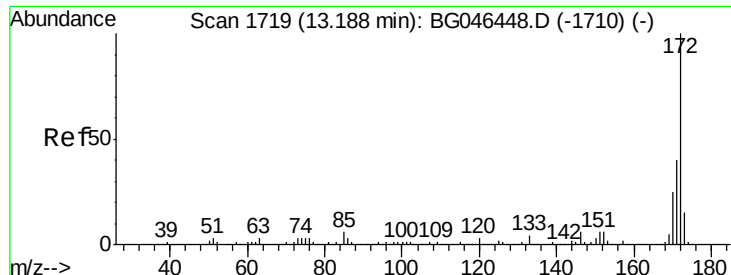
Tot Ion:	164	Resp:	138836
Ion	Ratio	Lower	Upper
164	100		
162	106.2	82.3	123.5
160	44.0	35.3	52.9



#42
 2,4,6-Tribromophenol
 Concen: 101.030 ng
 RT: 16.04 min Scan# 2205
 Delta R.T. -0.00 min
 Lab File: BG046670.D
 Acq: 18 Sep 2020 15:19

Tgt Ion:	330	Resp:	190051
Ion	Ratio	Lower	Upper
330	100		
332	98.6	76.5	114.7
141	32.5	26.0	39.0

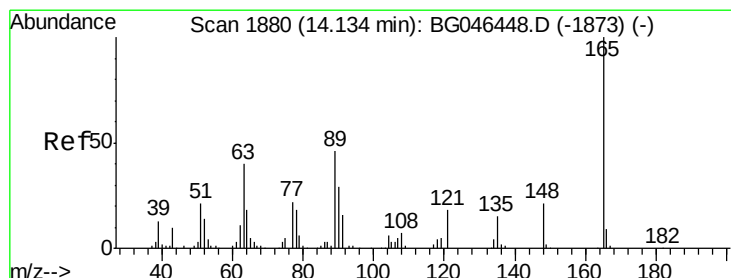
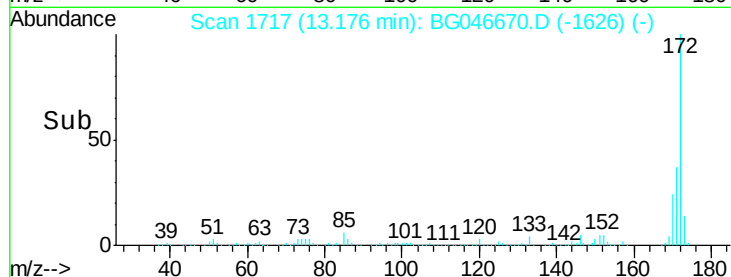
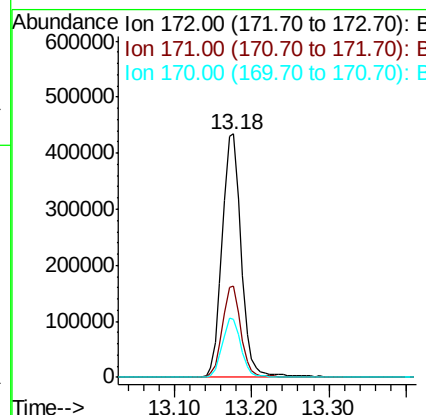
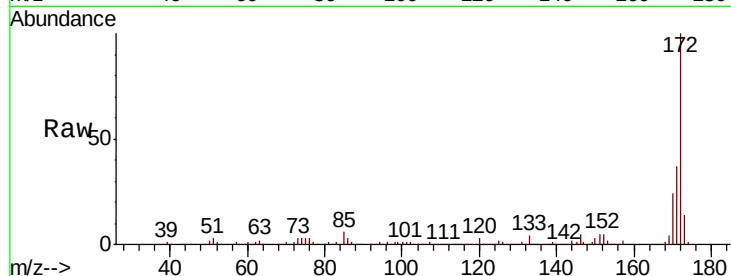




#45
2-Fluorobiphenyl
Concen: 82.061 ng
RT: 13.18 min Scan# 1717
Delta R.T. 0.00 min
Lab File: BG046670.D
Acq: 18 Sep 2020 15:19

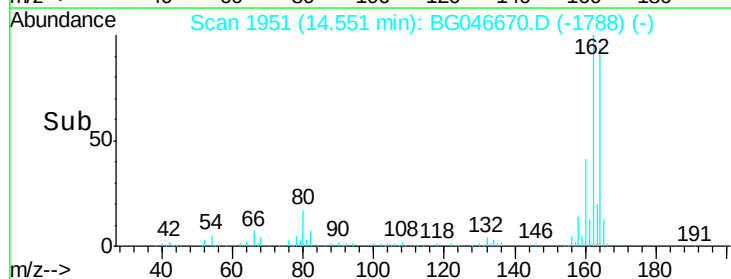
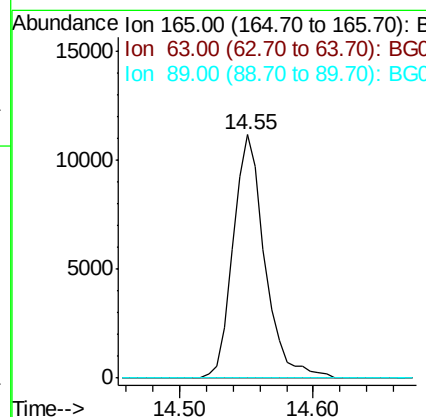
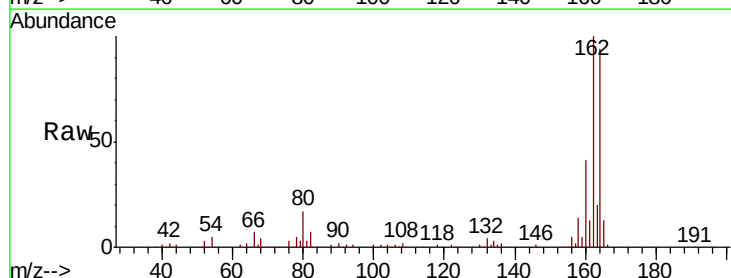
Instrument :
BNA_G
ClientSampleId :
PB131713BL

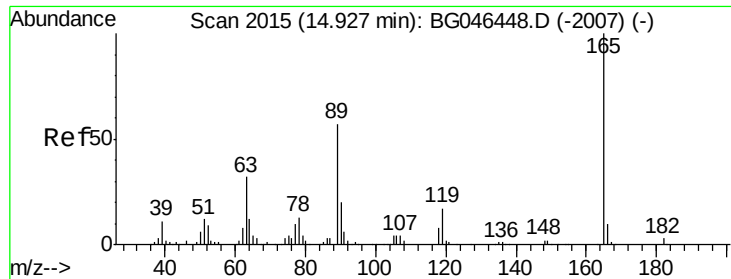
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.3	31.3	46.9
170	24.0	20.8	31.2



#51
2,6-Dinitrotoluene
Concen: 7.806 ng
RT: 14.55 min Scan# 1951
Delta R.T. 0.43 min
Lab File: BG046670.D
Acq: 18 Sep 2020 15:19

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.7	50.5#
89	0.0	36.6	54.8#

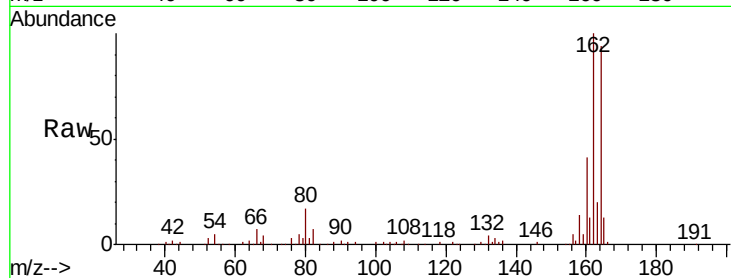




#57
 2,4-Dinitrotoluene
 Concen: 5.474 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. -0.37 min
 Lab File: BG046670.D
 Acq: 18 Sep 2020 15:19

Instrument :
 BNA_G
 ClientSampleId :
 PB131713BL

Tot Ion	165	Resp	18481
Ion Ratio	100		
Lower			
Upper			
63	0.0	26.4	39.6#
89	0.0	47.8	71.8#
182	0.0	2.6	4.0#



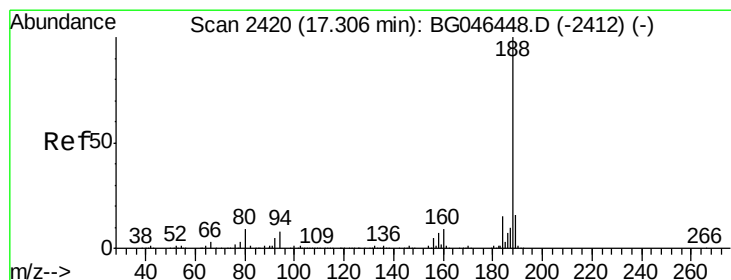
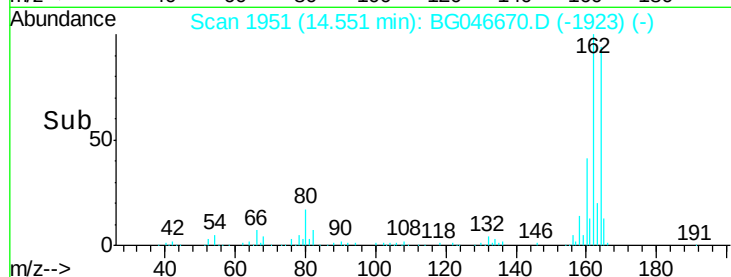
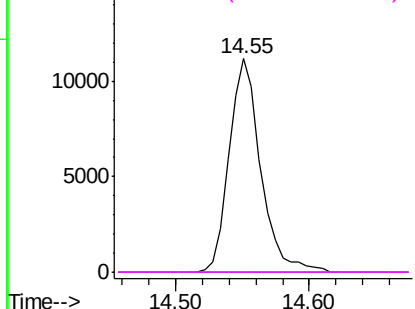
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

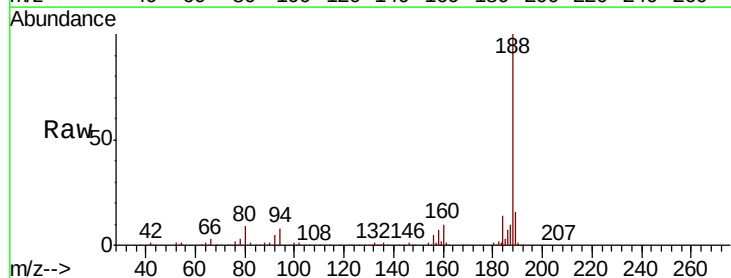
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.29 min Scan# 2418
 Delta R.T. -0.00 min
 Lab File: BG046670.D
 Acq: 18 Sep 2020 15:19

Tgt Ion	188	Resp	365097
Ion Ratio	100		
Lower			
Upper			
94	8.0	6.3	9.5
80	9.3	7.0	10.6

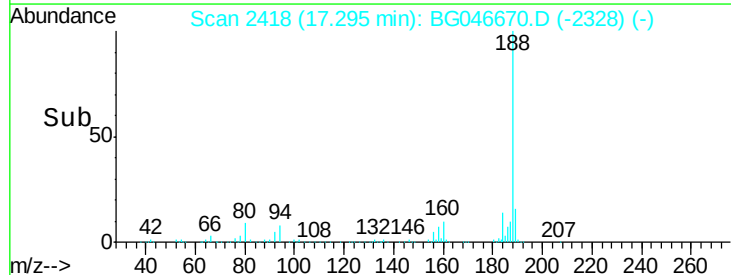
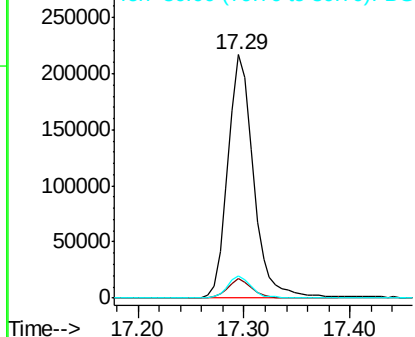


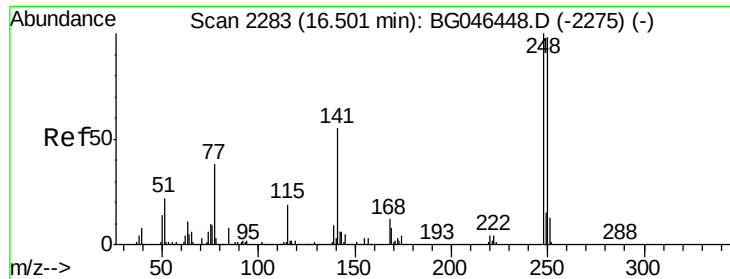
Abundance

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

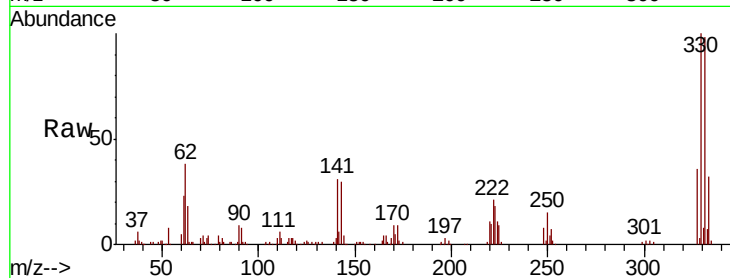




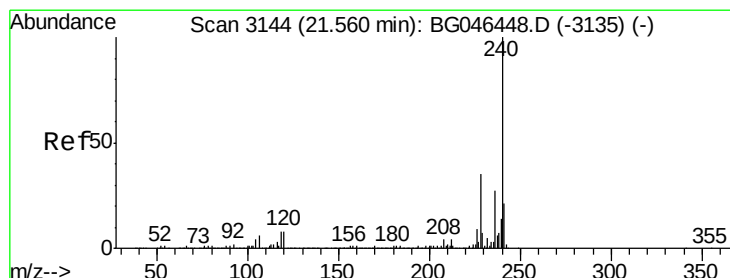
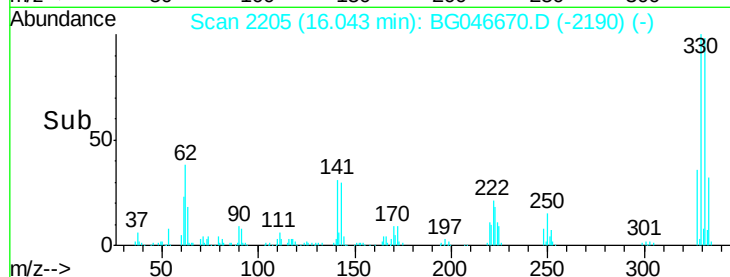
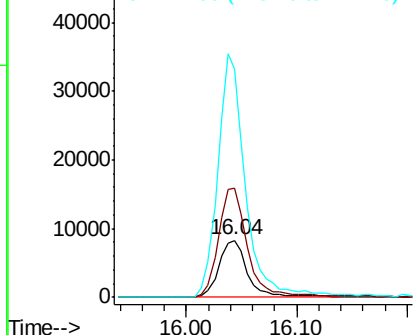
#67
4-Bromophenyl-phenylether
Concen: 3.509 ng
RT: 16.04 min Scan# 2205
Delta R.T. -0.44 min
Lab File: BG046670.D
Acq: 18 Sep 2020 15:19

Instrument :
BNA_G
ClientSampleId :
PB131713BL

Tot Ion:248 Resp: 14947
Ion Ratio Lower Upper
248 100
250 192.5 78.9 118.3#
141 402.2 46.2 69.4#

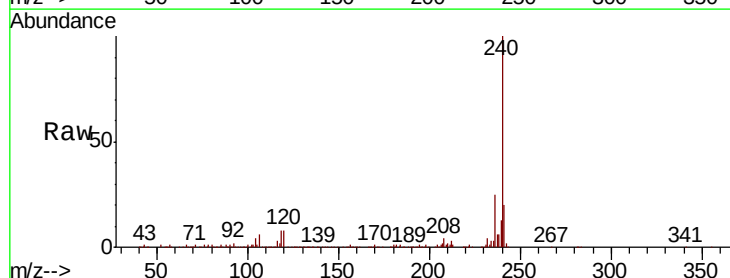


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

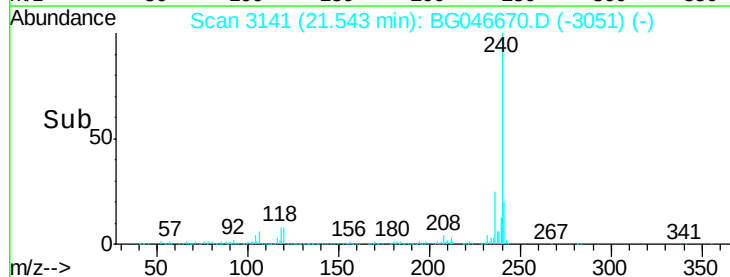
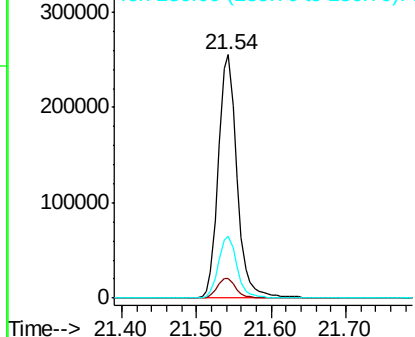


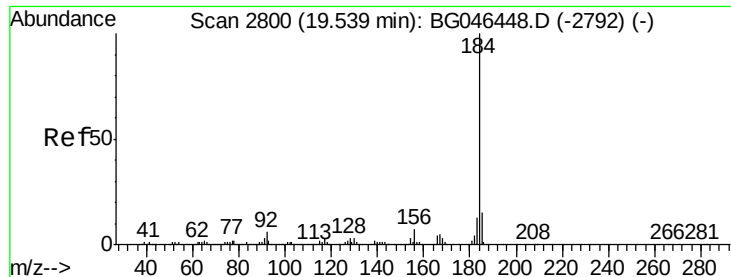
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.54 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG046670.D
Acq: 18 Sep 2020 15:19

Tgt Ion:240 Resp: 445685
Ion Ratio Lower Upper
240 100
120 8.0 6.2 9.4
236 25.3 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: 2.095 ng

RT: 19.91 min Scan# 2863

Delta R.T. 0.38 min

Lab File: BG046670.D

Acq: 18 Sep 2020 15:19

Instrument :

BNA_G

ClientSampleId :

PB131713BL

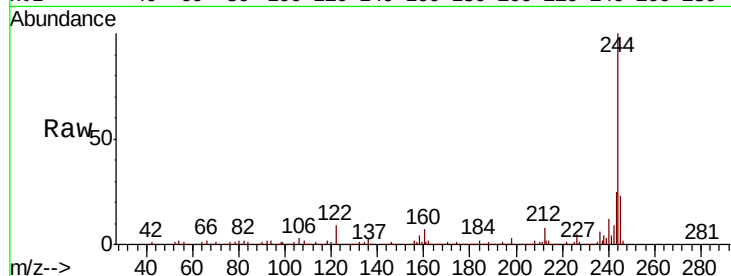
Tot Ion:184 Resp: 21701

Ion Ratio Lower Upper

184 100

185 16.5 12.4 18.6

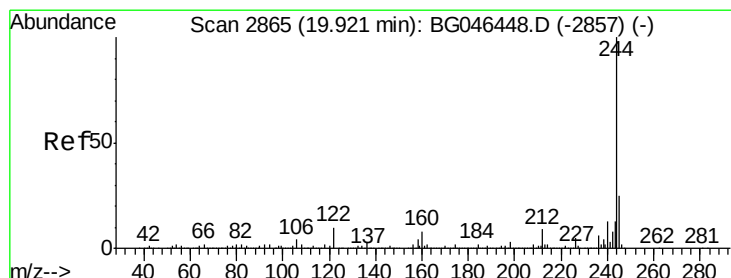
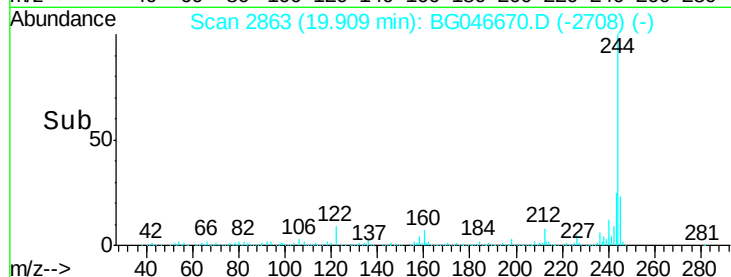
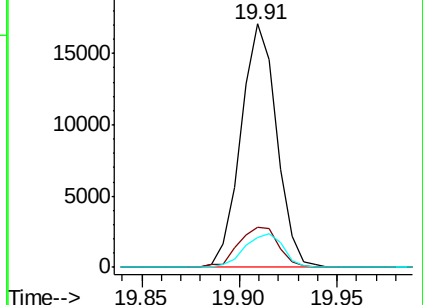
183 12.4 10.6 15.8



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



#79

Terphenyl-d14

Concen: 69.367 ng

RT: 19.91 min Scan# 2863

Delta R.T. -0.00 min

Lab File: BG046670.D

Acq: 18 Sep 2020 15:19

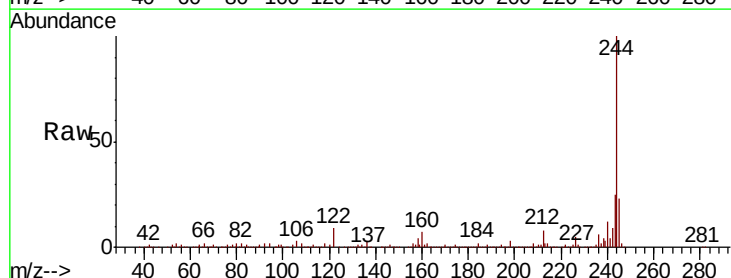
Tgt Ion:244 Resp: 1452694

Ion Ratio Lower Upper

244 100

212 8.3 6.7 10.1

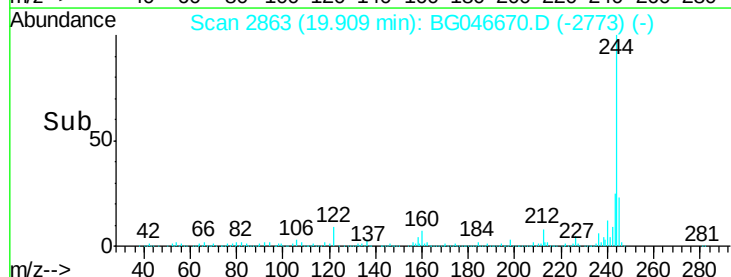
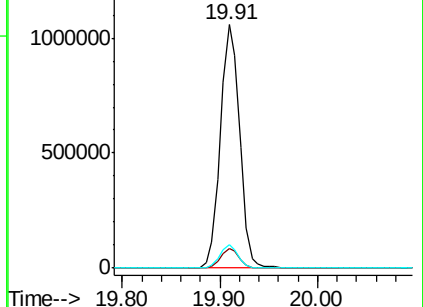
122 9.4 7.8 11.6

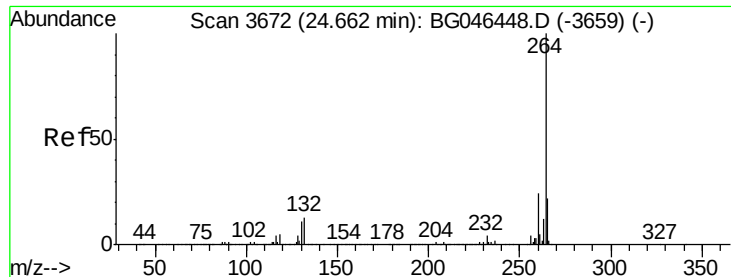


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.64 min Scan# 3668
Delta R.T. -0.00 min
Lab File: BG046670.D
Acq: 18 Sep 2020 15:19

Instrument :
BNA_G
ClientSampleId :
PB131713BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.8	28.2
265	22.2	17.8	26.8

