

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091620\
 Data File : BG046637.D
 Acq On : 16 Sep 2020 10:34
 Operator : CG/JU
 Sample : PB131633BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB131633BL

Quant Time: Sep 16 11:15:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 16 11:07:52 2020
 Response via : Initial Calibration

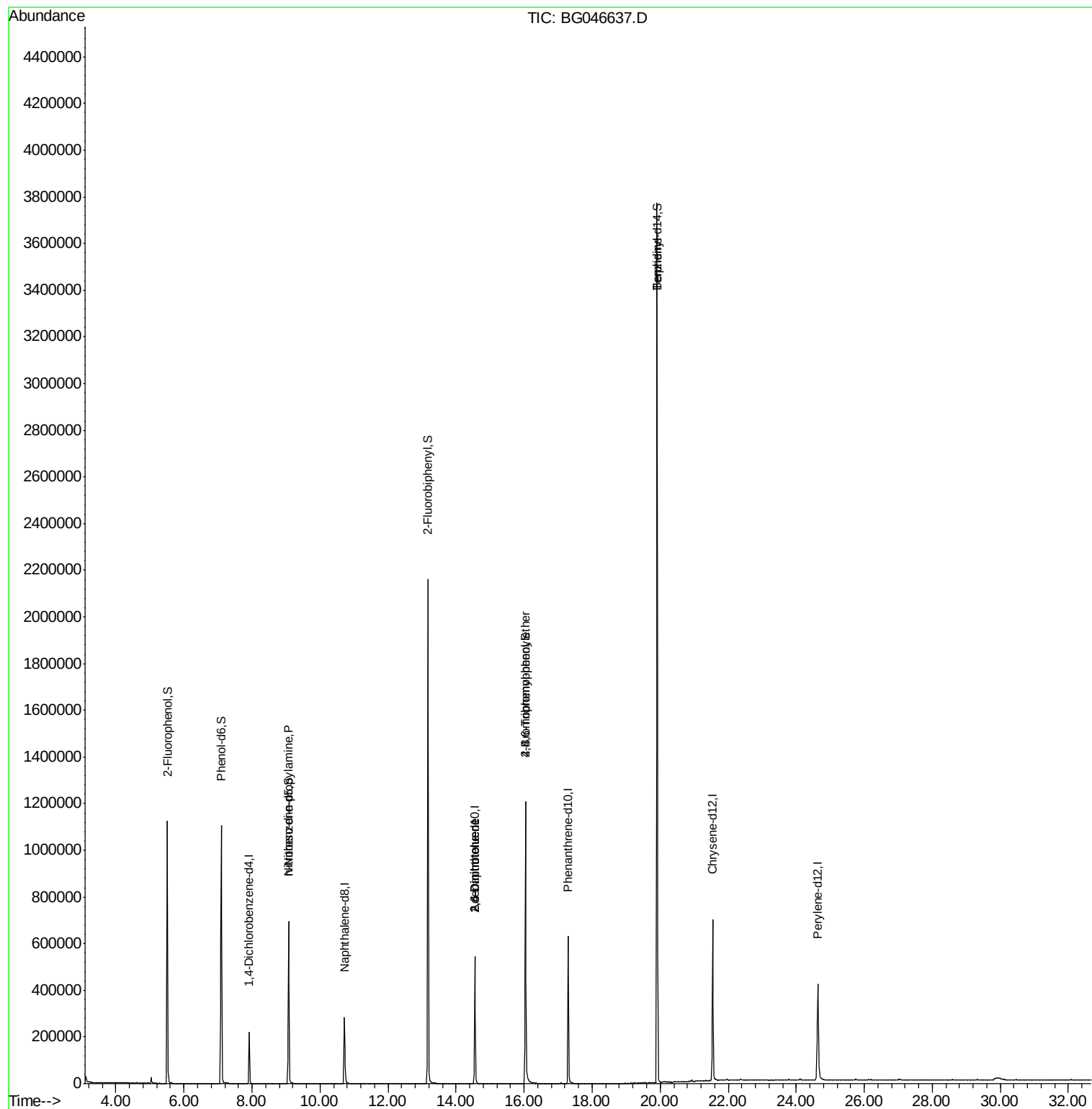
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	70764	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	299175	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	210907	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	447775	20.00	ng	0.00
76) Chrysene-d12	21.54	240	483924	20.00	ng	0.00
86) Perylene-d12	24.63	264	468413	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	534347	133.74	ng	0.00
7) Phenol-d6	7.10	99	716711	126.54	ng	0.00
23) Nitrobenzene-d5	9.08	82	453044	86.55	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	282064	98.71	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1254492	90.80	ng	0.00
79) Terphenyl-d14	19.91	244	1721404	75.70	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.08	70	57049	16.839	ng	# 73
51) 2,6-Dinitrotoluene	14.55	165	28430	7.904	ng	# 33
57) 2,4-Dinitrotoluene	14.55	165	28430	5.543	ng	# 31
67) 4-Bromophenyl-phenylether	16.04	248	21204	4.059	ng	# 1
77) Benzidine	19.91	184	26294	2.338	ng	99

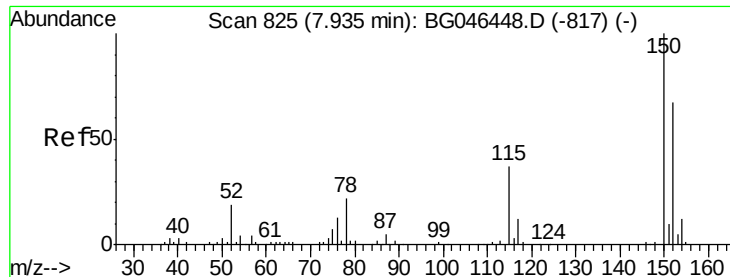
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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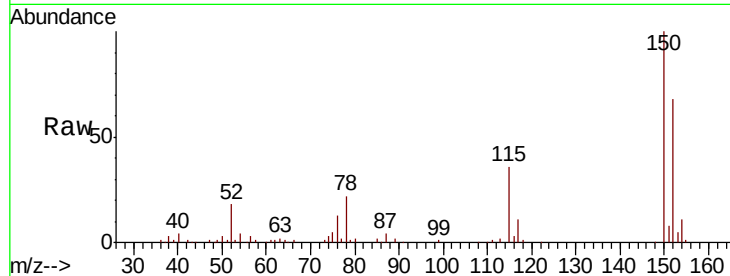


#1

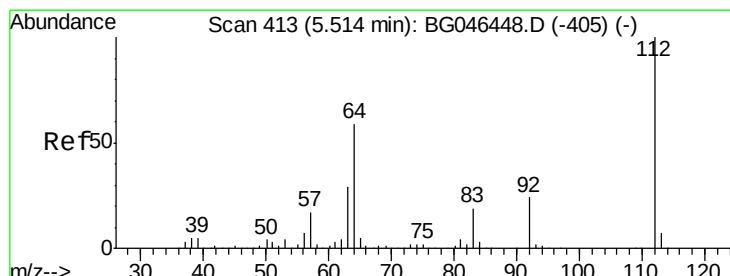
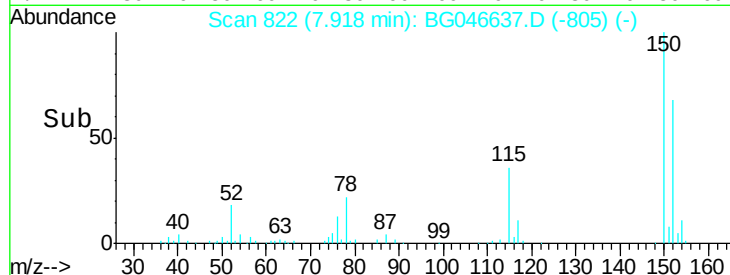
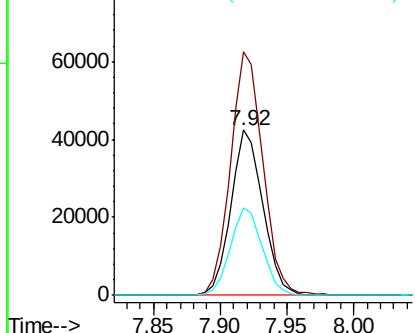
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.92 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BG046637.D
 Acq: 16 Sep 2020 10:34

Instrument :
 BNA_G
 ClientSampleId :
 PB131633BL

Tot Ion:152 Resp: 70764
 Ion Ratio Lower Upper
 152 100
 150 147.4 125.0 187.6
 115 52.6 41.8 62.6



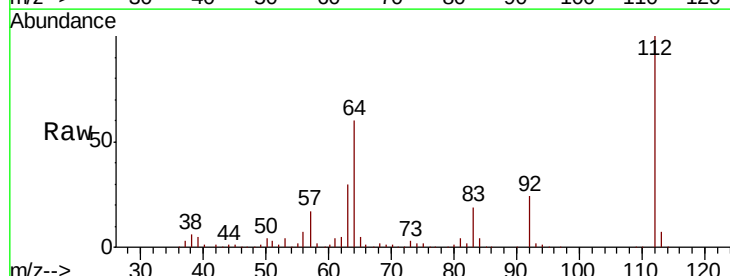
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



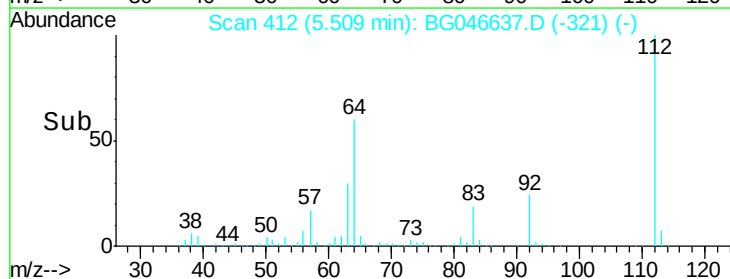
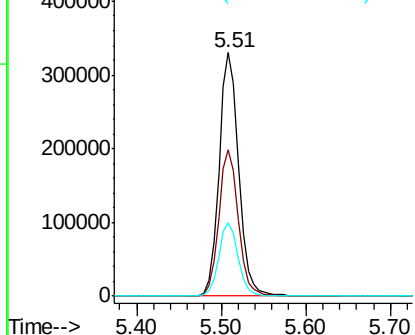
#5

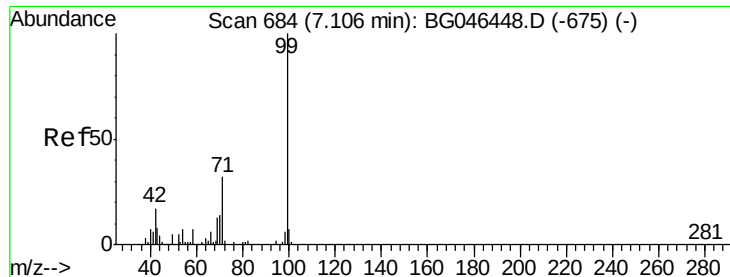
2-Fluorophenol
 Concen: 133.744 ng
 RT: 5.51 min Scan# 412
 Delta R.T. 0.01 min
 Lab File: BG046637.D
 Acq: 16 Sep 2020 10:34

Tgt Ion:112 Resp: 534347
 Ion Ratio Lower Upper
 112 100
 64 60.1 46.7 70.1
 63 30.1 22.8 34.2



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: 126.544 ng

RT: 7.10 min Scan# 682

Delta R.T. -0.00 min

Lab File: BG046637.D

Acq: 16 Sep 2020 10:34

Instrument :

BNA_G

ClientSampleId :

PB131633BL

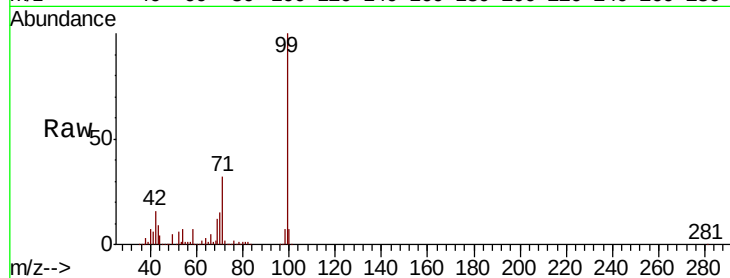
Tot Ion: 99 Resp: 716711

Ion Ratio Lower Upper

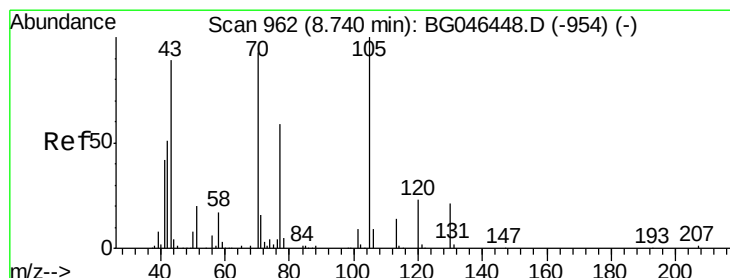
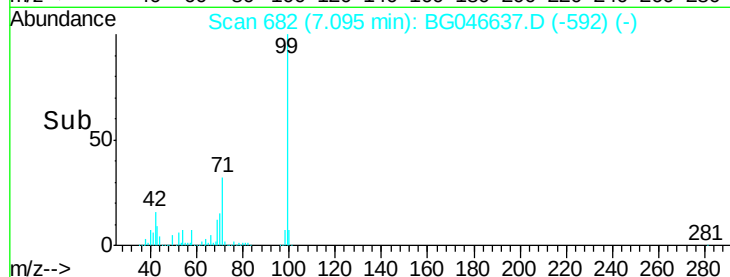
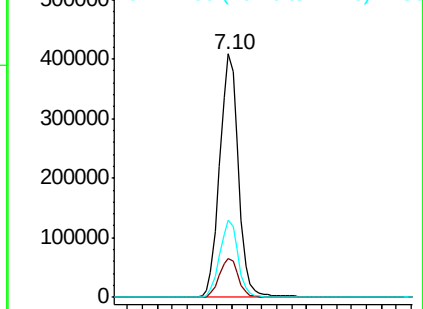
99 100

42 16.0 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: 16.839 ng

RT: 9.08 min Scan# 1019

Delta R.T. 0.35 min

Lab File: BG046637.D

Acq: 16 Sep 2020 10:34

Tgt Ion: 70 Resp: 57049

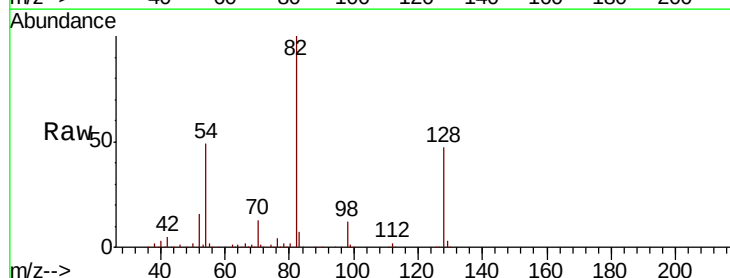
Ion Ratio Lower Upper

70 100

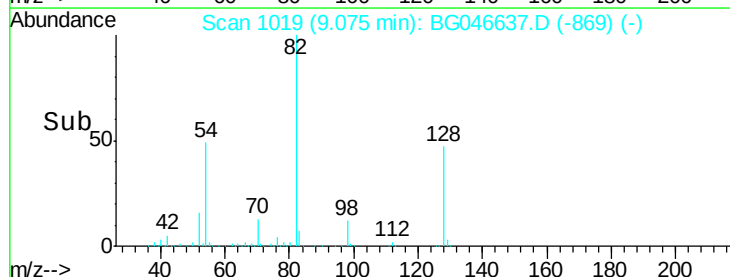
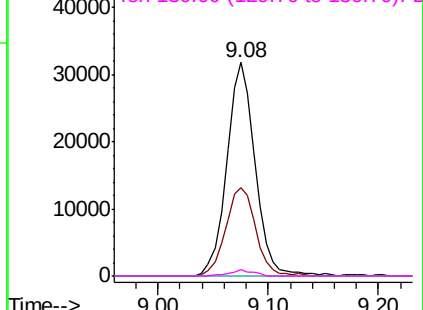
42 41.5 45.6 68.4#

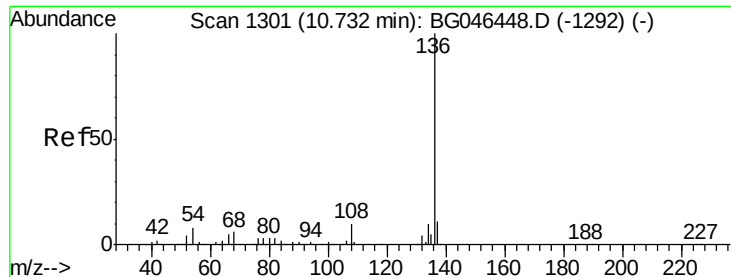
101 0.0 8.4 12.6#

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

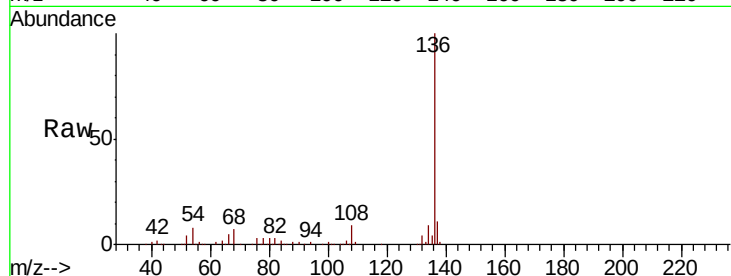




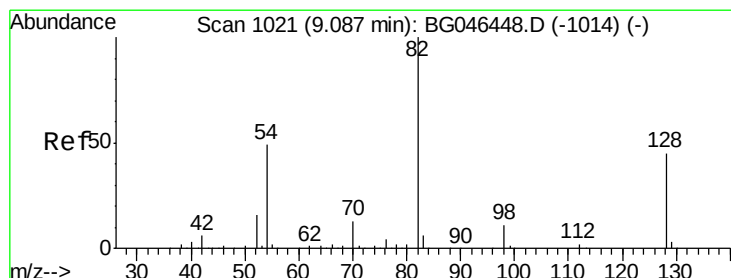
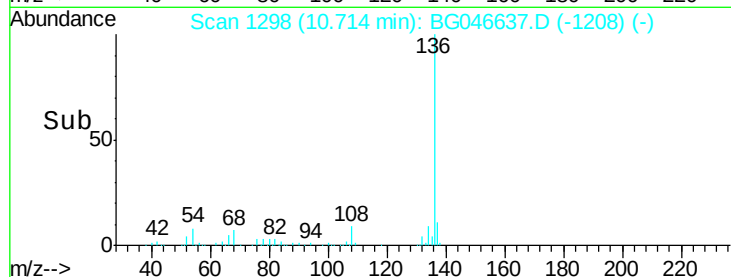
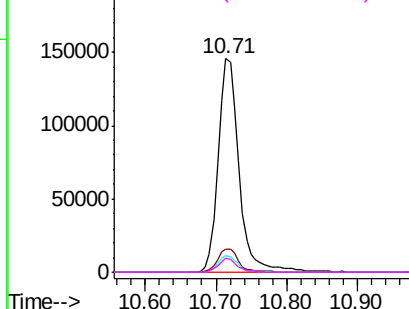
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.71 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG046637.D
Acq: 16 Sep 2020 10:34

Instrument :
BNA_G
ClientSampleId :
PB131633BL

Tot Ion:136	Resp:	299175
Ion	Ratio	Lower Upper
136	100	
137	10.8	9.1 13.7
54	8.0	6.2 9.4
68	6.6	5.0 7.4

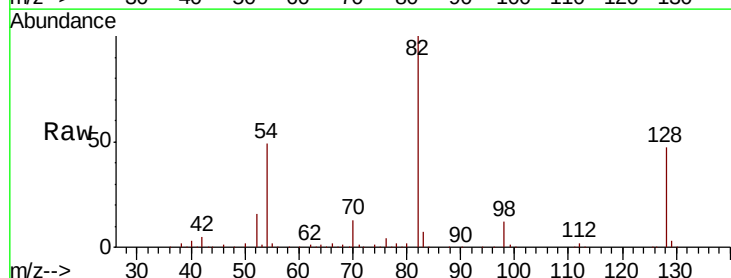


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

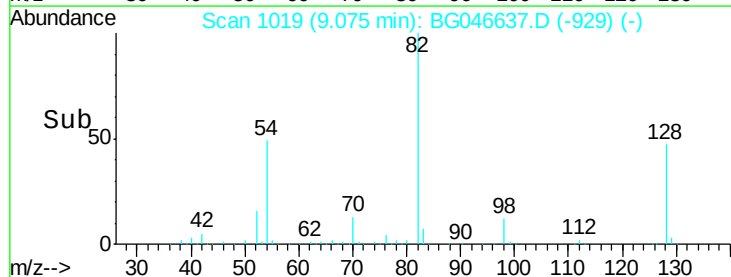
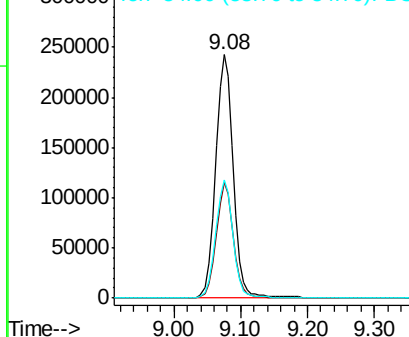


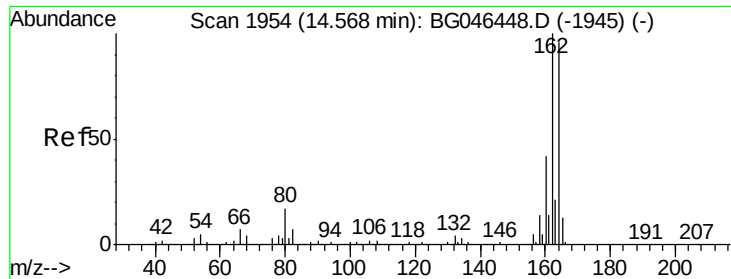
#23
Nitrobenzene-d5
Concen: 86.551 ng
RT: 9.08 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BG046637.D
Acq: 16 Sep 2020 10:34

Tgt Ion: 82	Resp:	453044
Ion	Ratio	Lower Upper
82	100	
128	47.4	37.0 55.6
54	48.7	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

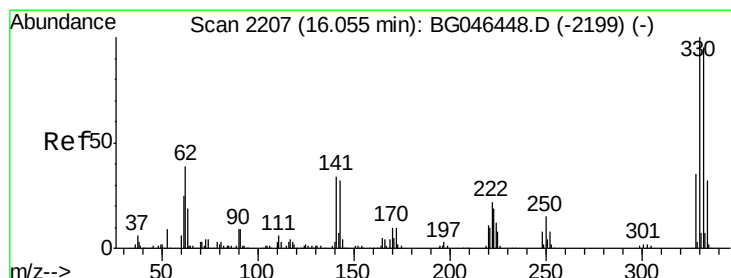
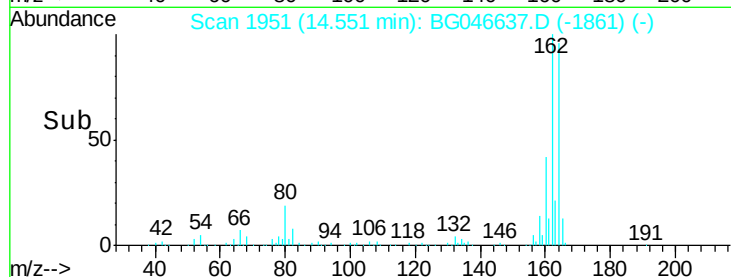
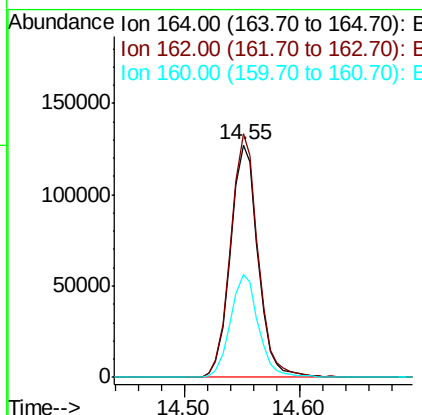
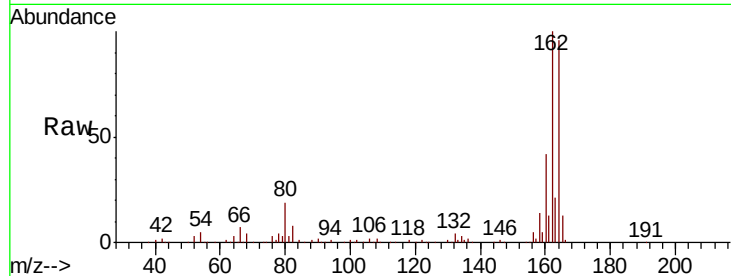




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG046637.D
Acq: 16 Sep 2020 10:34

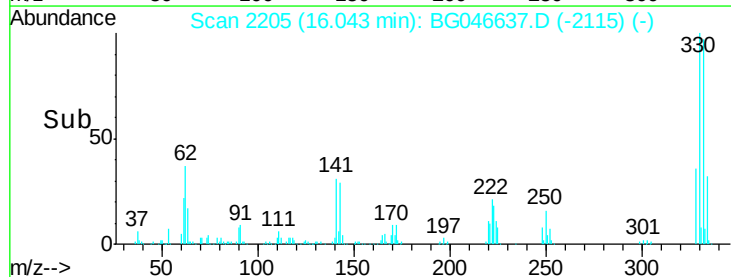
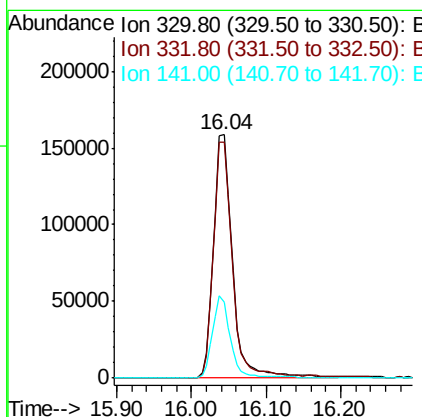
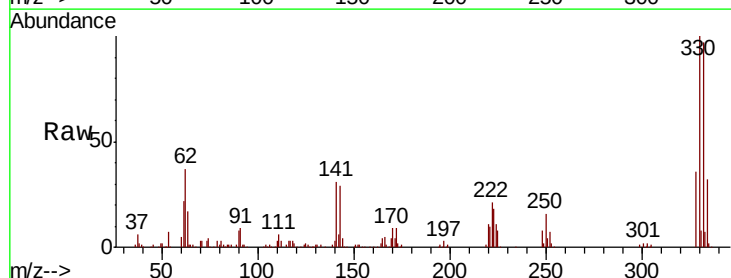
Instrument :
BNA_G
ClientSampleId :
PB131633BL

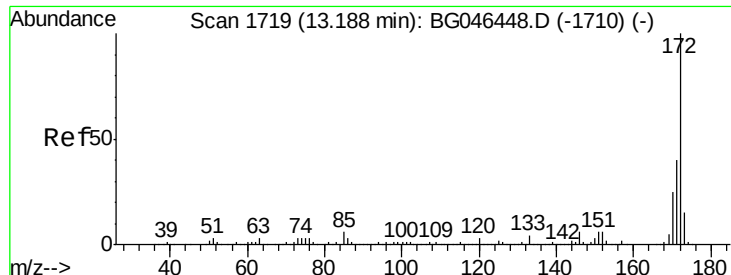
Tot Ion:164 Resp: 210907
Ion Ratio Lower Upper
164 100
162 104.7 82.3 123.5
160 44.5 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 98.705 ng
RT: 16.04 min Scan# 2205
Delta R.T. -0.00 min
Lab File: BG046637.D
Acq: 16 Sep 2020 10:34

Tgt Ion:330 Resp: 282064
Ion Ratio Lower Upper
330 100
332 97.7 76.5 114.7
141 32.1 26.0 39.0

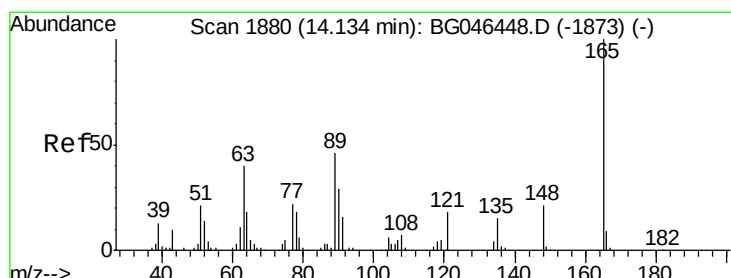
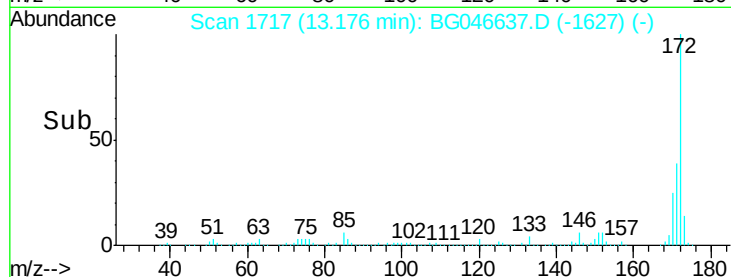
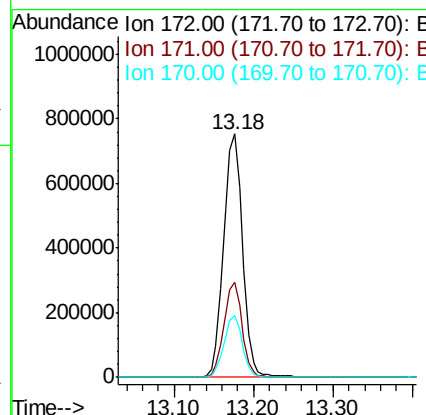
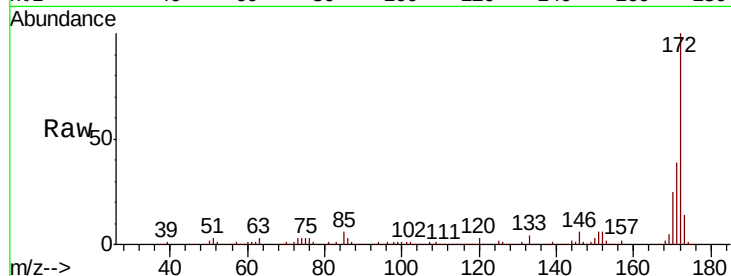




#45
2-Fluorobiphenyl
Concen: 90.801 ng
RT: 13.18 min Scan# 1717
Delta R.T. -0.00 min
Lab File: BG046637.D
Acq: 16 Sep 2020 10:34

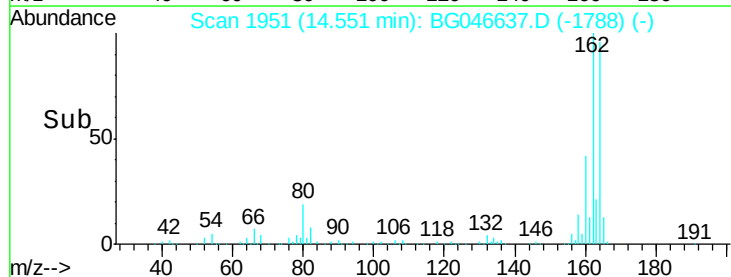
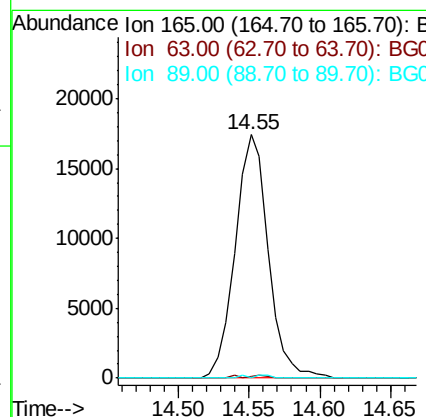
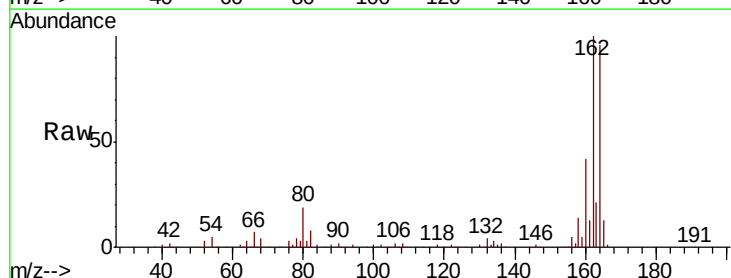
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BNA_G
ClientSampleId :
PB131633BL

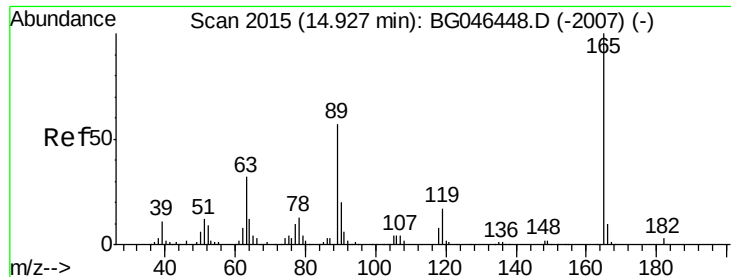
Tot Ion:172 Resp: 1254492
Ion Ratio Lower Upper
172 100
171 39.2 31.3 46.9
170 25.4 20.8 31.2



#51
2,6-Dinitrotoluene
Concen: 7.904 ng
RT: 14.55 min Scan# 1951
Delta R.T. 0.43 min
Lab File: BG046637.D
Acq: 16 Sep 2020 10:34

Tgt Ion:165 Resp: 28430
Ion Ratio Lower Upper
165 100
63 0.9 33.7 50.5#
89 0.0 36.6 54.8#

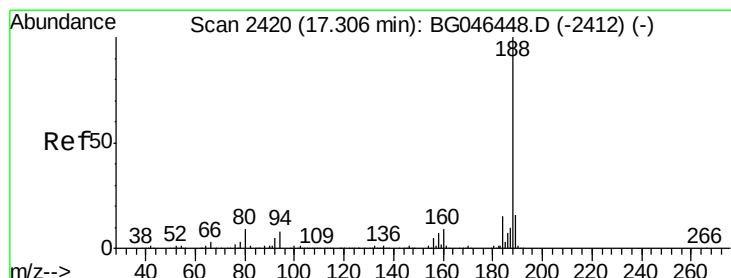
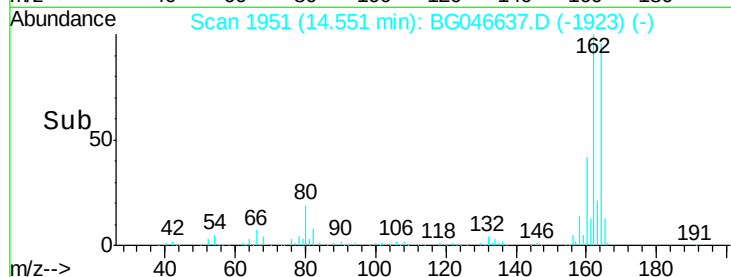
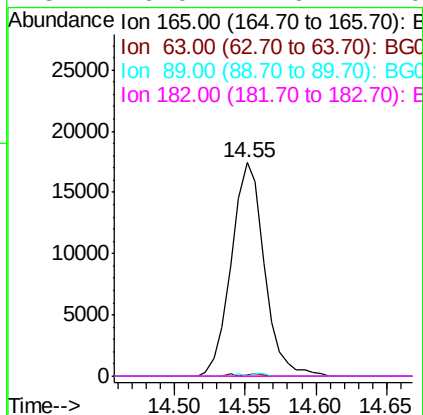
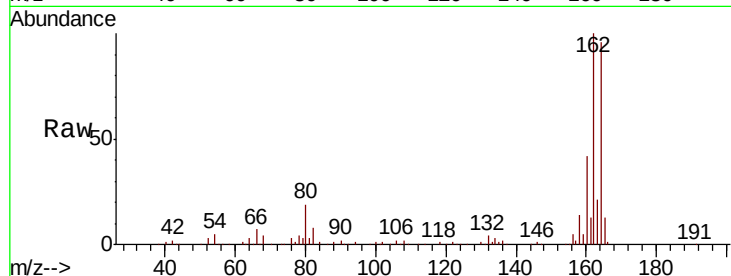




#57
 2,4-Dinitrotoluene
 Concen: 5.543 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. -0.36 min
 Lab File: BG046637.D
 Acq: 16 Sep 2020 10:34

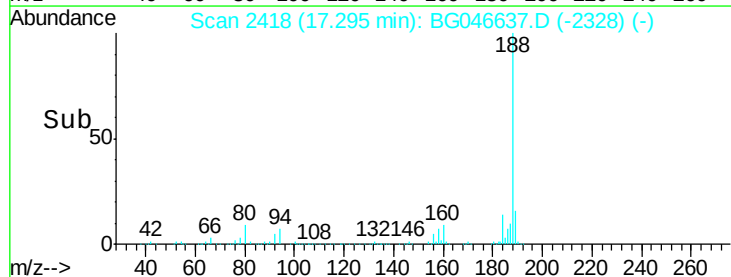
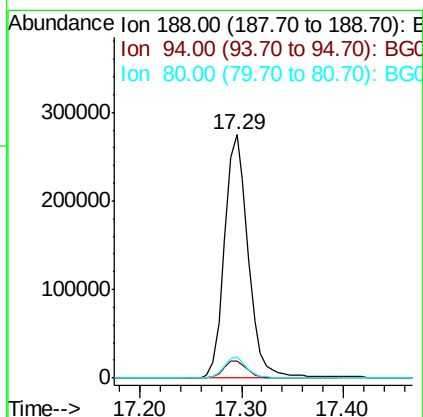
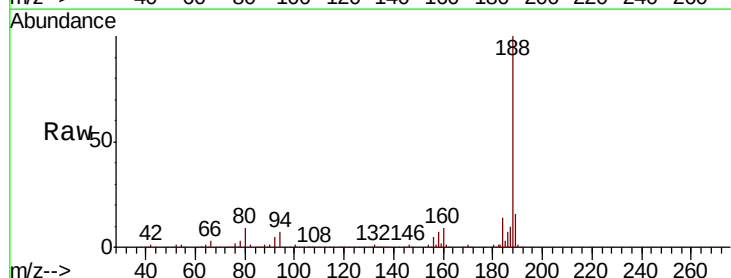
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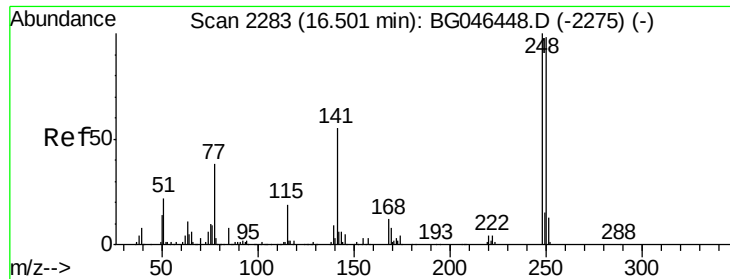
Tot Ion	165	Resp	28430
Ion Ratio	100	Lower	Upper
63	0.9	26.4	39.6#
89	0.0	47.8	71.8#
182	0.0	2.6	4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.29 min Scan# 2418
 Delta R.T. -0.00 min
 Lab File: BG046637.D
 Acq: 16 Sep 2020 10:34

Tgt Ion	188	Resp	447775
Ion Ratio	100	Lower	Upper
94	7.2	6.3	9.5
80	8.8	7.0	10.6

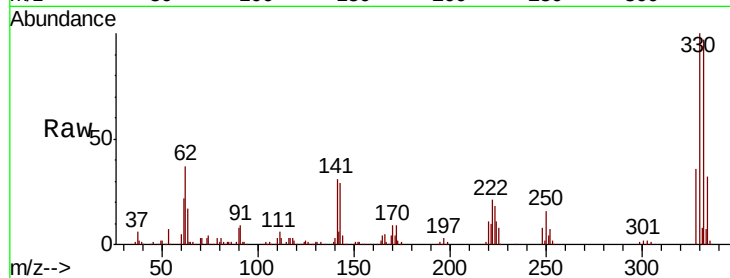




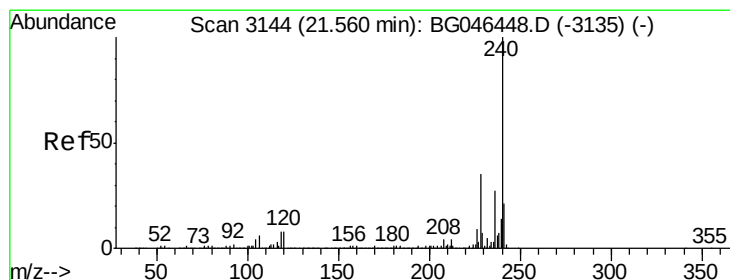
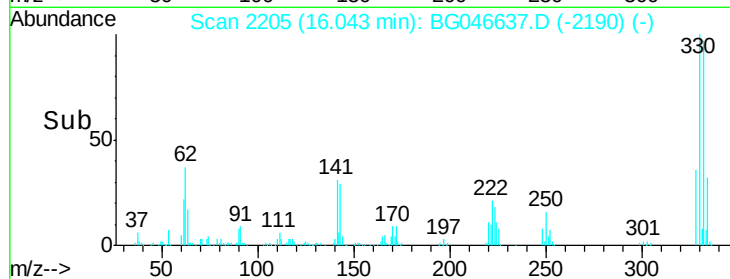
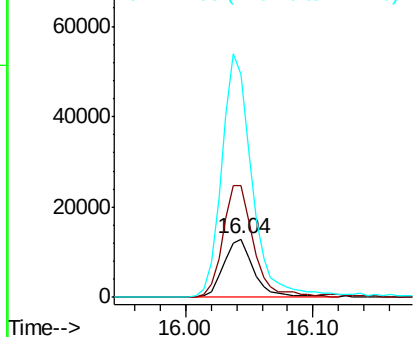
#67
4-Bromophenyl-phenylether
Concen: 4.059 ng
RT: 16.04 min Scan# 2205
Delta R.T. -0.44 min
Lab File: BG046637.D
Acq: 16 Sep 2020 10:34

Instrument :
BNA_G
ClientSampleId :
PB131633BL

Tot Ion:248 Resp: 21204
Ion Ratio Lower Upper
248 100
250 191.8 78.9 118.3#
141 384.8 46.2 69.4#

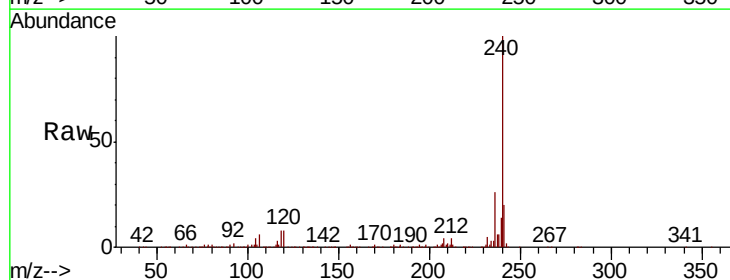


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

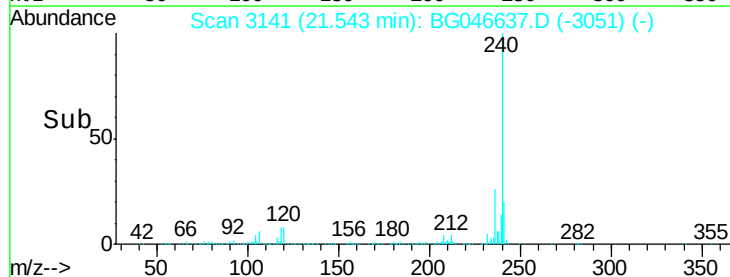
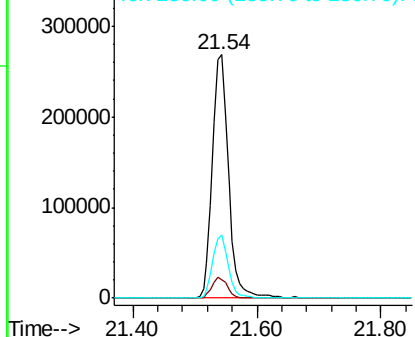


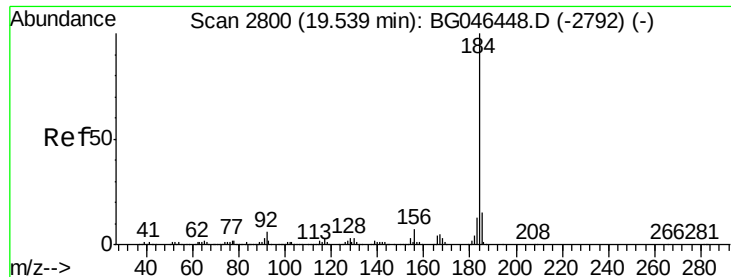
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.54 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG046637.D
Acq: 16 Sep 2020 10:34

Tgt Ion:240 Resp: 483924
Ion Ratio Lower Upper
240 100
120 7.7 6.2 9.4
236 25.7 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: 2.338 ng

RT: 19.91 min Scan# 2863

Delta R.T. 0.39 min

Lab File: BG046637.D

Acq: 16 Sep 2020 10:34

Instrument :

BNA_G

ClientSampleId :

PB131633BL

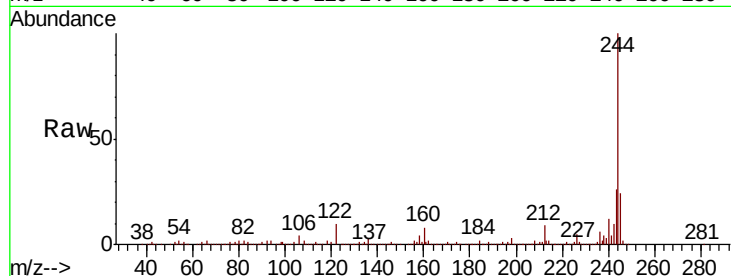
Tot Ion:184 Resp: 26294

Ion Ratio Lower Upper

184 100

185 15.0 12.4 18.6

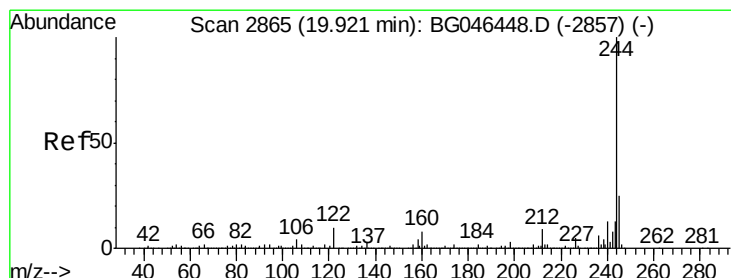
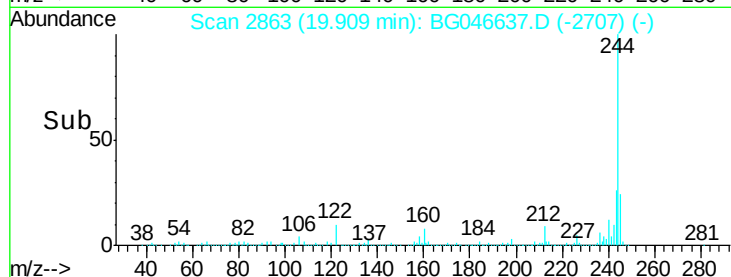
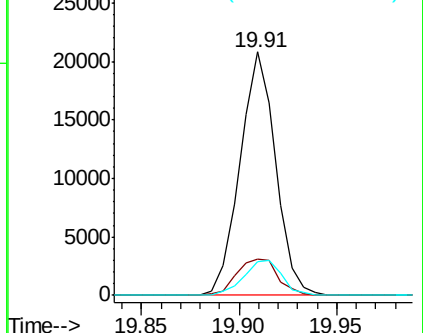
183 13.6 10.6 15.8



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: 75.703 ng

RT: 19.91 min Scan# 2863

Delta R.T. -0.00 min

Lab File: BG046637.D

Acq: 16 Sep 2020 10:34

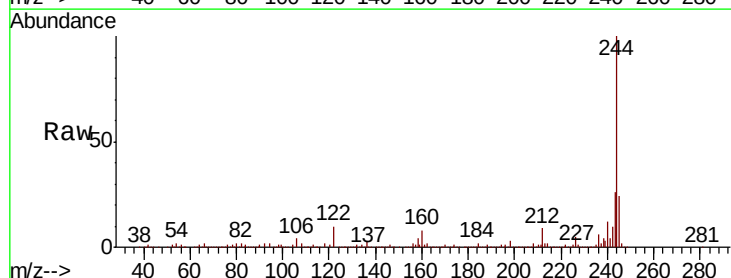
Tgt Ion:244 Resp: 1721404

Ion Ratio Lower Upper

244 100

212 8.5 6.7 10.1

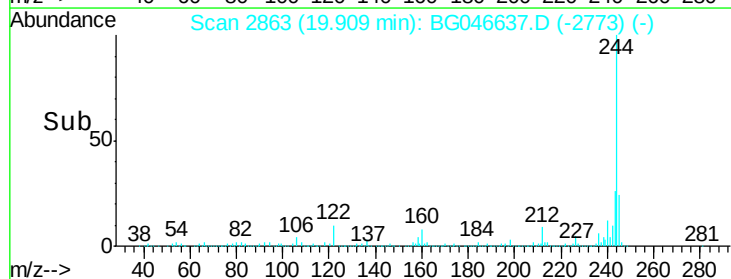
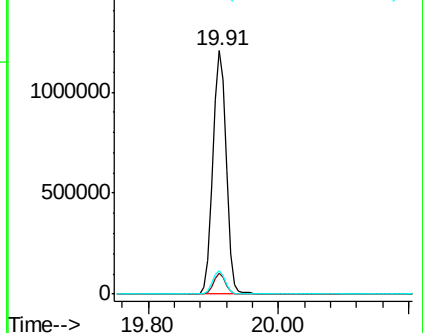
122 9.8 7.8 11.6

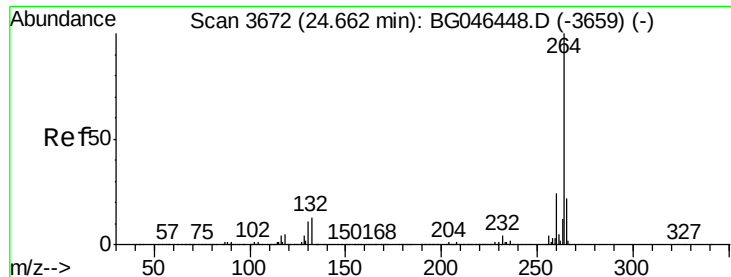


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.63 min Scan# 3667
 Delta R.T. -0.00 min
 Lab File: BG046637.D
 Acq: 16 Sep 2020 10:34

Instrument :
 BNA_G
 ClientSampleId :
 PB131633BL

Tot Ion: 264 Resp: 468413
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.8 28.2
 265 22.0 17.8 26.8

