

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG091720\
 Data File : BG046659.D
 Acq On : 17 Sep 2020 11:51
 Operator : CG/JU
 Sample : PB131657TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB131657TB

Quant Time: Sep 17 14:28:56 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

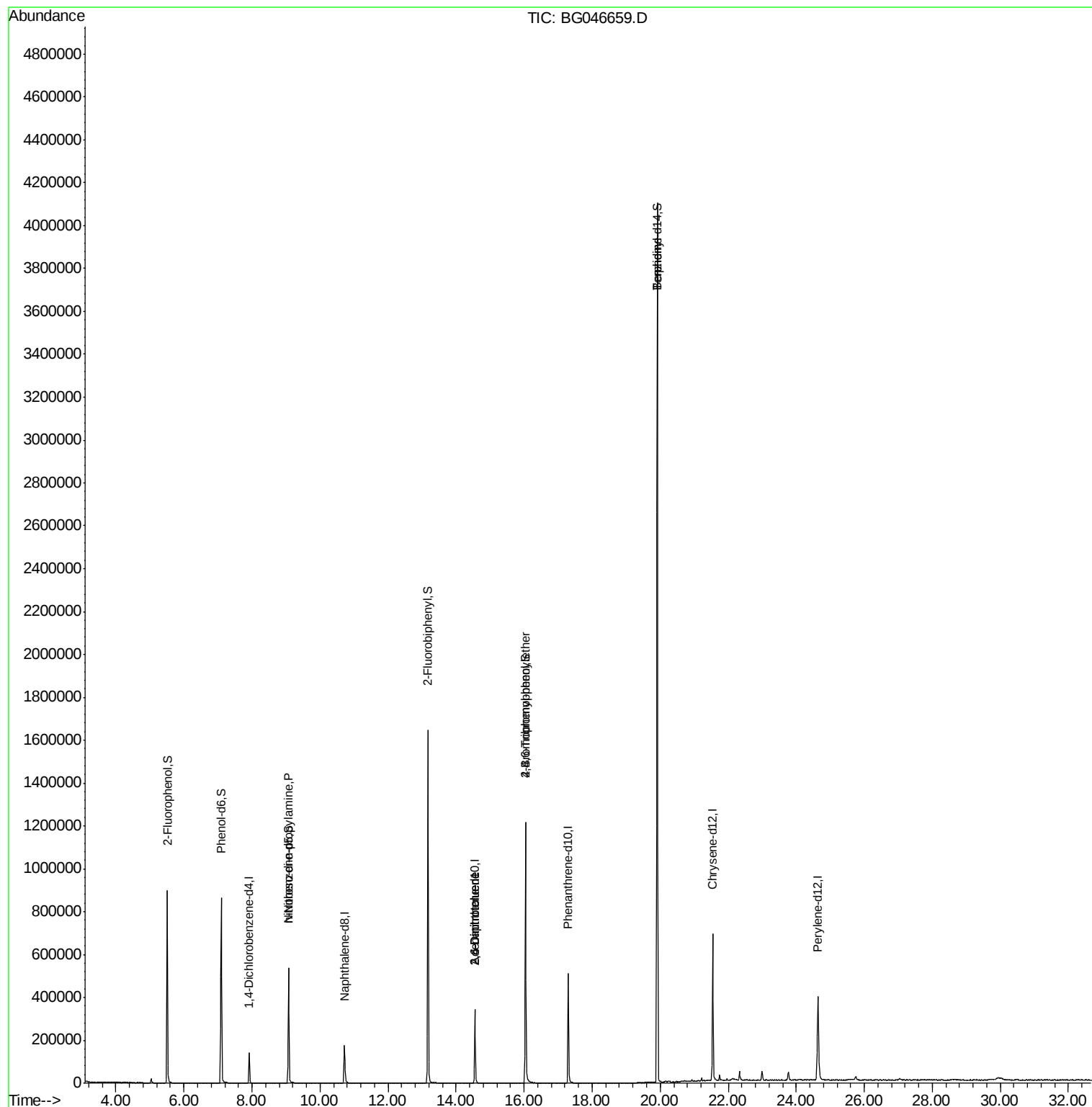
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	46427	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	193707	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	136836	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	370277	20.00	ng	0.00
76) Chrysene-d12	21.54	240	453343	20.00	ng	0.00
86) Perylene-d12	24.64	264	431748	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	425556	162.35	ng	0.00
7) Phenol-d6	7.10	99	559815	150.65	ng	0.00
23) Nitrobenzene-d5	9.08	82	355686	104.95	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	273106	147.30	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	990636	110.52	ng	0.00
79) Terphenyl-d14	19.92	244	1935293	90.85	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.08	70	44634	20.081	ng	# 75
51) 2,6-Dinitrotoluene	14.55	165	18389	7.880	ng	# 33
57) 2,4-Dinitrotoluene	14.55	165	18389	5.526	ng	# 31
67) 4-Bromophenyl-phenylether	16.04	248	20522	4.751	ng	# 1
77) Benzidine	19.92	184	30892	2.933	ng	95

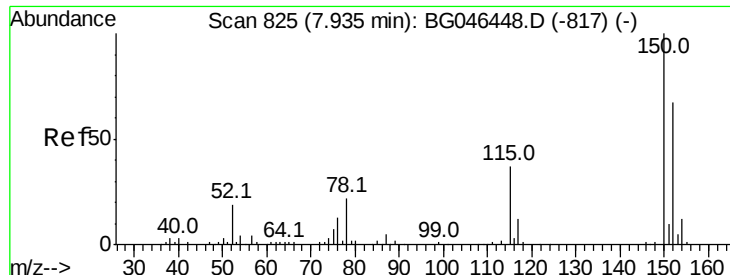
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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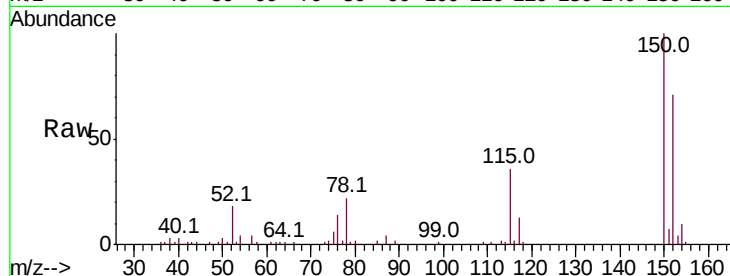


#1

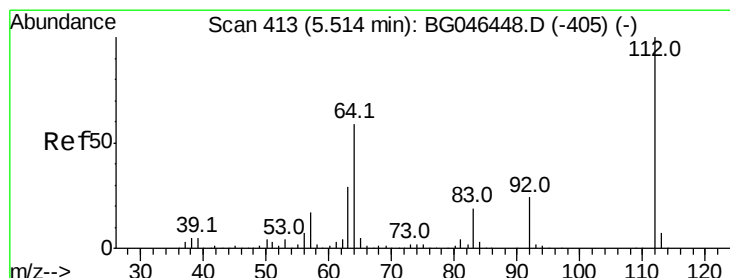
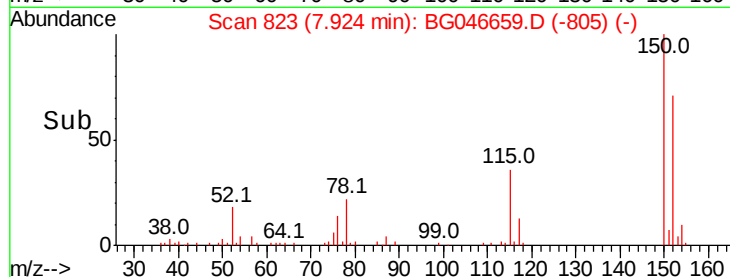
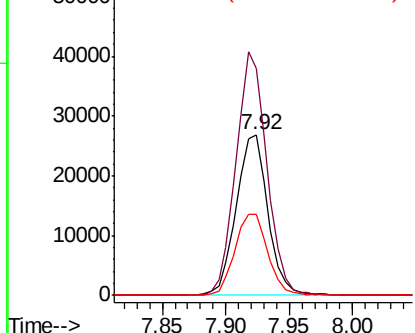
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 823
Delta R.T. 0.00 min
Lab File: BG046659.D
Acq: 17 Sep 2020 11:51

Instrument :
BNA_G
ClientSampleId :
PB131657TB

Tot Ion:152 Resp: 46427
Ion Ratio Lower Upper
152 100
150 140.8 125.0 187.6
115 50.3 41.8 62.6



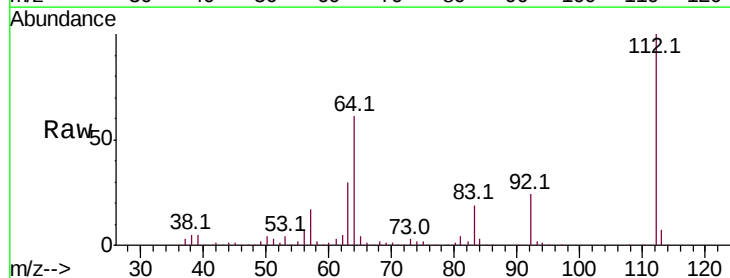
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



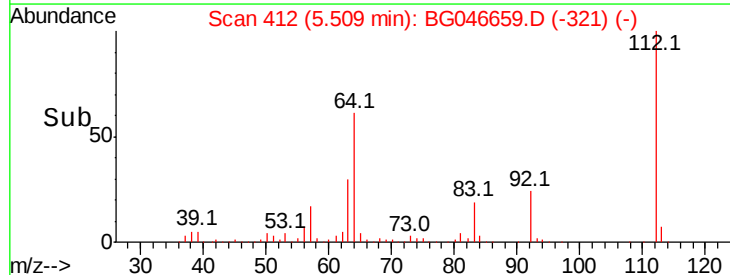
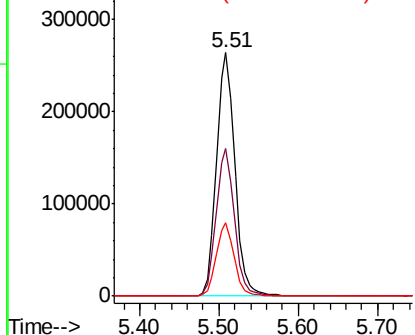
#5

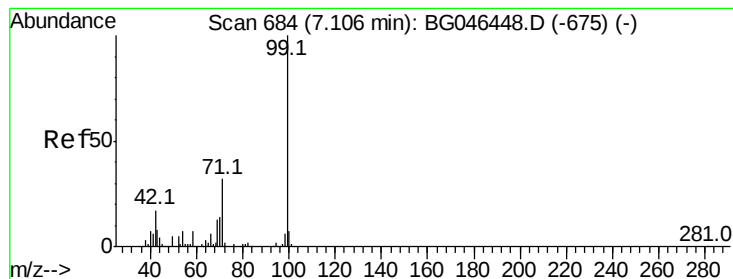
2-Fluorophenol
Concen: 162.349 ng
RT: 5.51 min Scan# 412
Delta R.T. 0.00 min
Lab File: BG046659.D
Acq: 17 Sep 2020 11:51

Tgt Ion:112 Resp: 425556
Ion Ratio Lower Upper
112 100
64 60.8 46.7 70.1
63 29.9 22.8 34.2



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: 150.655 ng

RT: 7.10 min Scan# 682

Delta R.T. -0.00 min

Lab File: BG046659.D

Acq: 17 Sep 2020 11:51

Instrument :

BNA_G

ClientSampleId :

PB131657TB

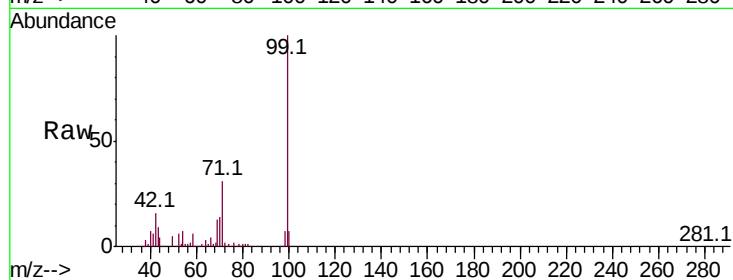
Tot Ion: 99 Resp: 559815

Ion Ratio Lower Upper

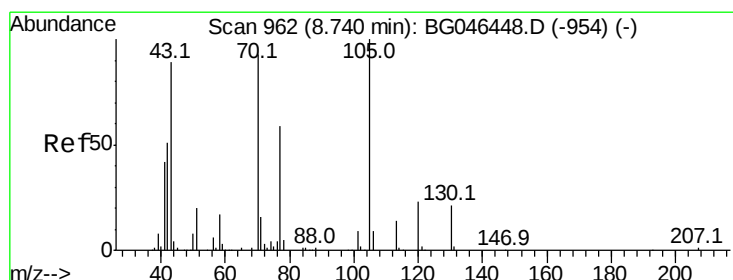
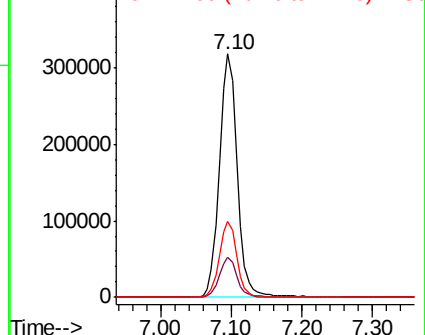
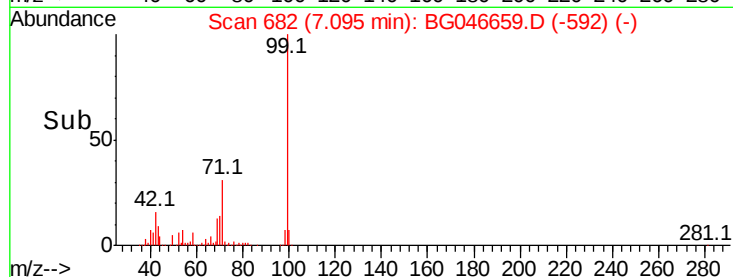
99 100

42 16.2 12.8 19.2

71 31.3 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: 20.081 ng

RT: 9.08 min Scan# 1019

Delta R.T. 0.35 min

Lab File: BG046659.D

Acq: 17 Sep 2020 11:51

Tgt Ion: 70 Resp: 44634

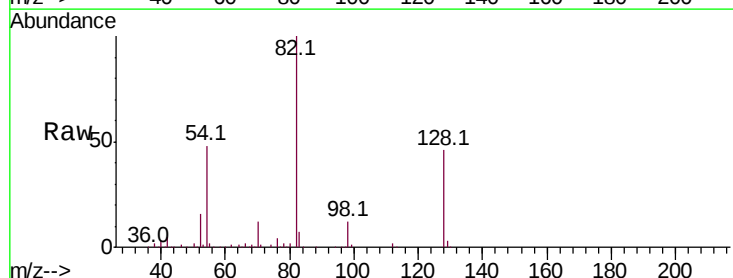
Ion Ratio Lower Upper

70 100

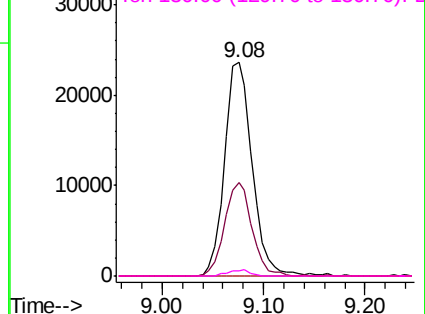
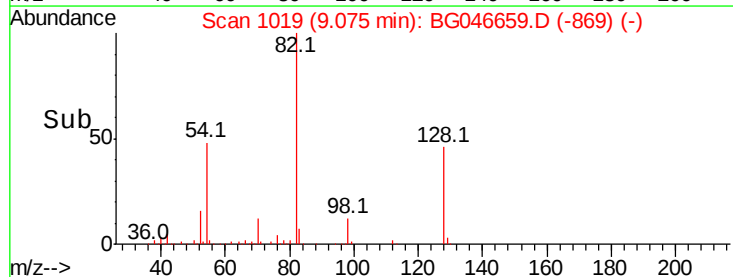
42 43.6 45.6 68.4#

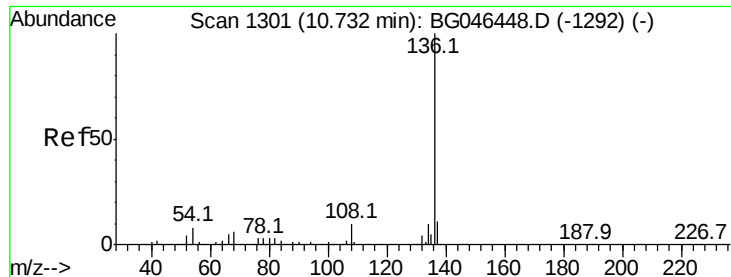
101 0.0 8.4 12.6#

130 2.6 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

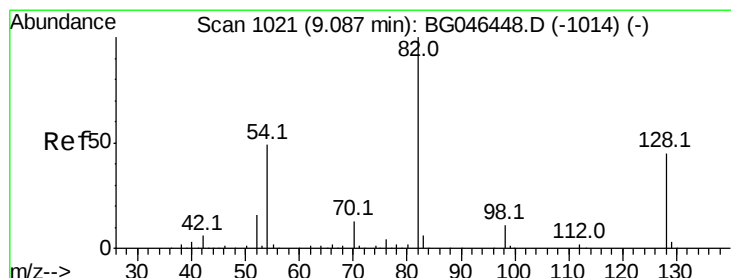
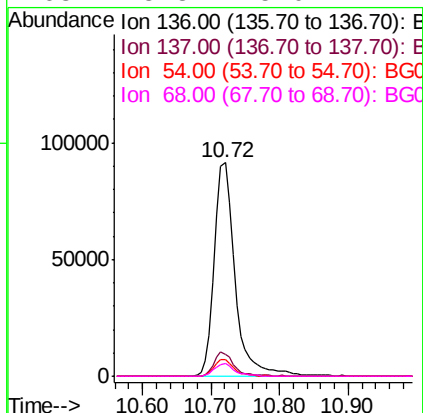
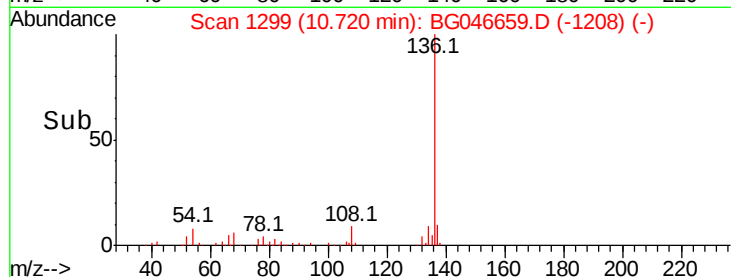
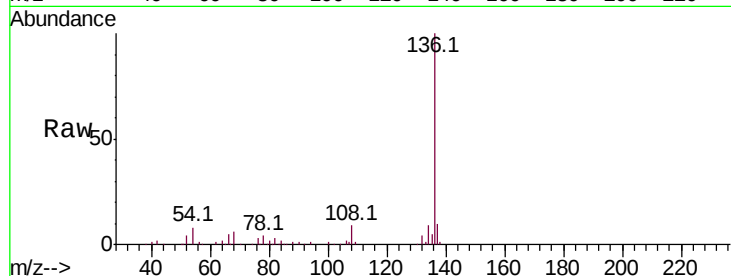




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BG046659.D
Acq: 17 Sep 2020 11:51

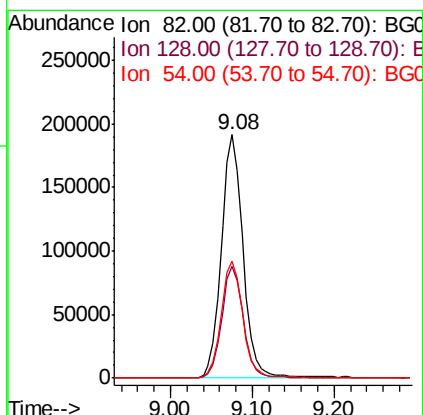
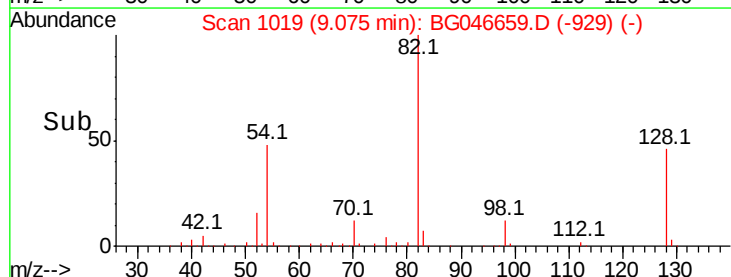
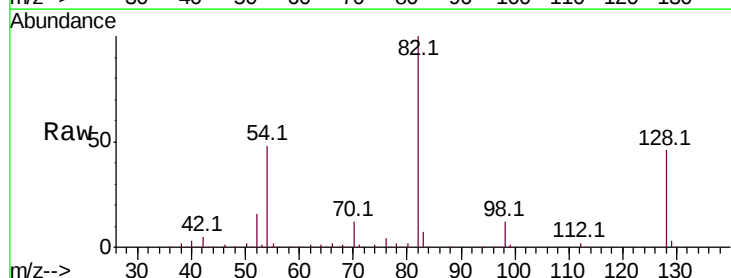
Instrument :
BNA_G
ClientSampleId :
PB131657TB

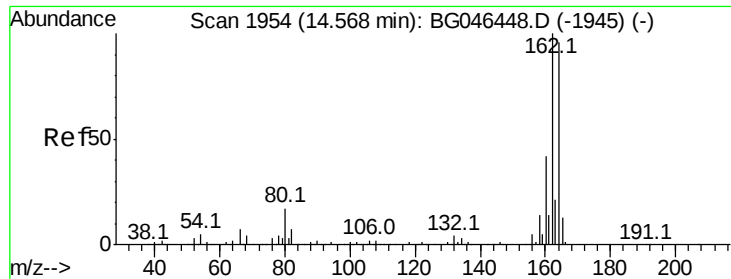
Tot Ion:136	Resp:	193707
Ion	Ratio	Lower Upper
136	100	
137	10.3	9.1 13.7
54	7.6	6.2 9.4
68	5.8	5.0 7.4



#23
Nitrobenzene-d5
Concen: 104.949 ng
RT: 9.08 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BG046659.D
Acq: 17 Sep 2020 11:51

Tgt Ion: 82	Resp:	355686
Ion	Ratio	Lower Upper
82	100	
128	45.8	37.0 55.6
54	48.0	39.0 58.4

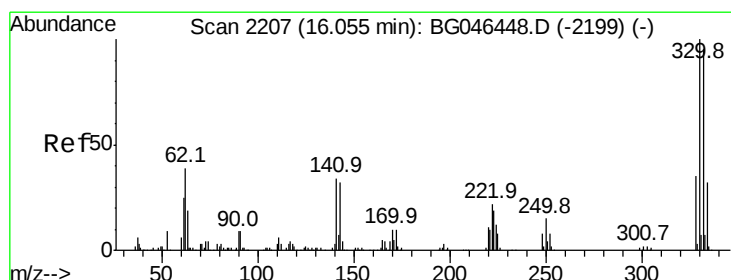
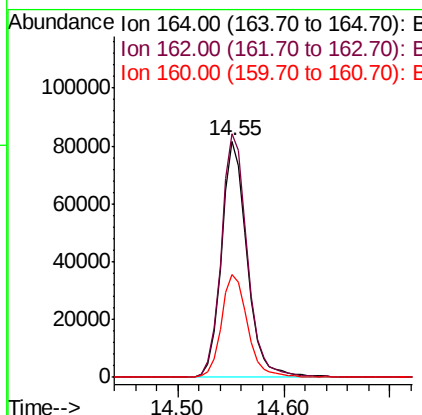
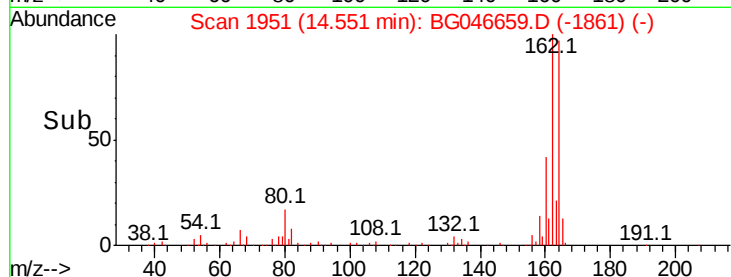
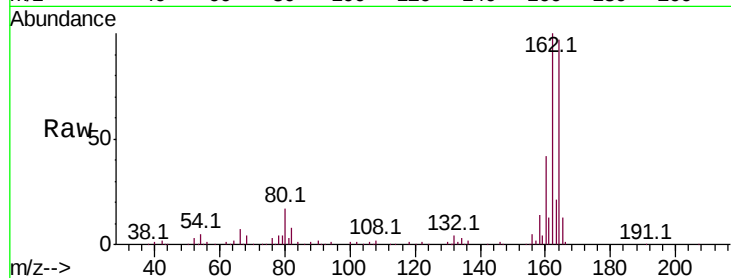




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG046659.D
Acq: 17 Sep 2020 11:51

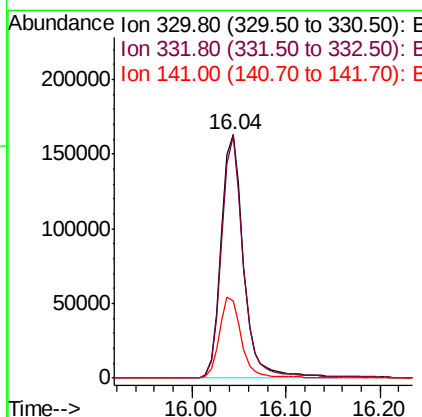
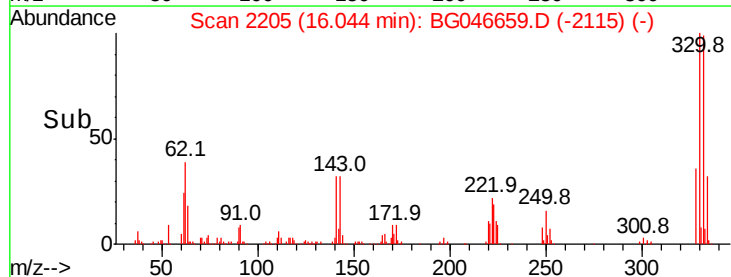
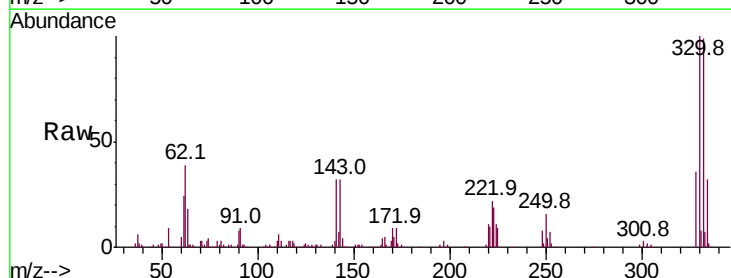
Instrument :
BNA_G
ClientSampleId :
PB131657TB

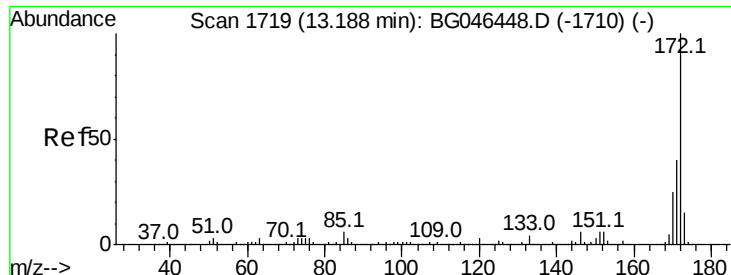
Tot Ion:164 Resp: 136836
Ion Ratio Lower Upper
164 100
162 103.2 82.3 123.5
160 43.3 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 147.304 ng
RT: 16.04 min Scan# 2205
Delta R.T. -0.00 min
Lab File: BG046659.D
Acq: 17 Sep 2020 11:51

Tgt Ion:330 Resp: 273106
Ion Ratio Lower Upper
330 100
332 98.0 76.5 114.7
141 33.0 26.0 39.0

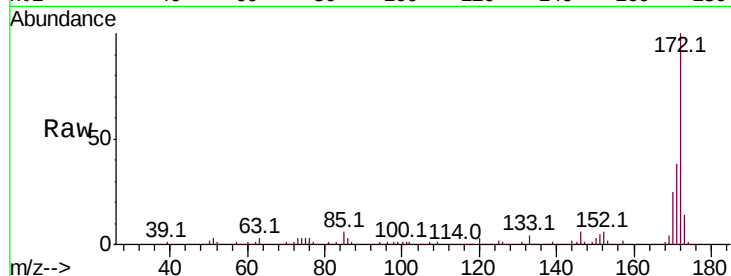




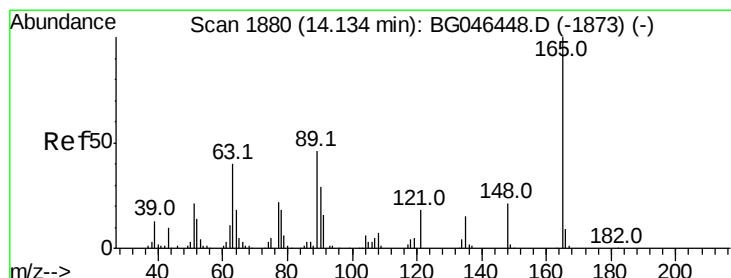
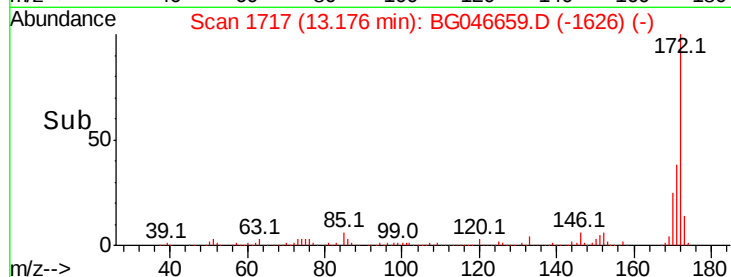
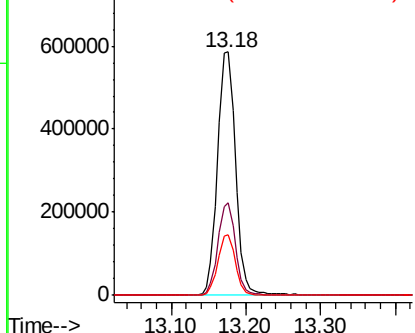
#45
 2-Fluorobiphenyl
 Concen: 110.517 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: BG046659.D
 Acq: 17 Sep 2020 11:51

Instrument :
 BNA_G
 ClientSampleId :
 PB131657TB

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.3	46.9
170	24.8	20.8	31.2

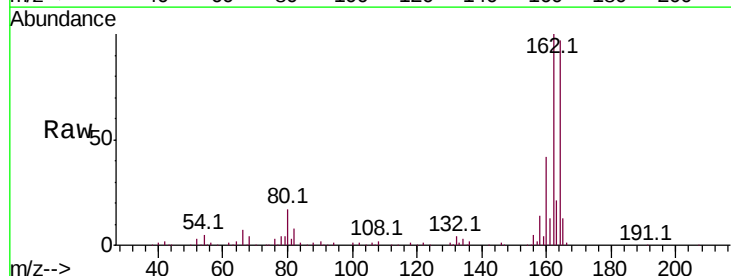


Abundance Ion 172.00 (171.70 to 172.70): E
 800000 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

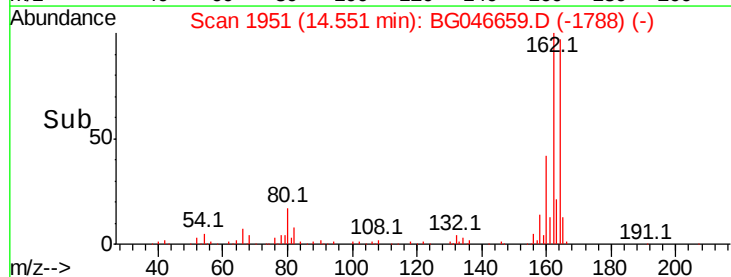
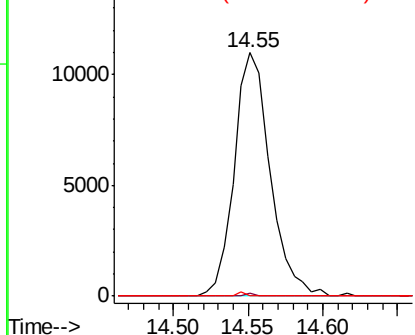


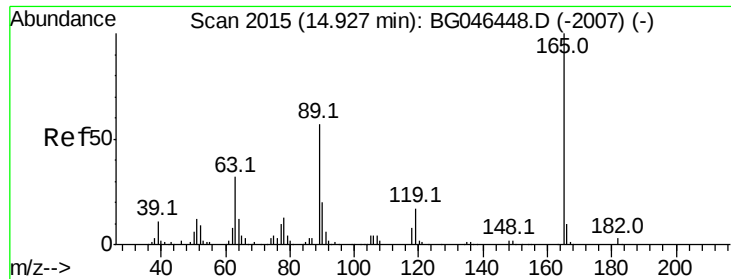
#51
 2,6-Dinitrotoluene
 Concen: 7.880 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. 0.43 min
 Lab File: BG046659.D
 Acq: 17 Sep 2020 11:51

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	33.7	50.5#
89	0.0	36.6	54.8#



Abundance Ion 165.00 (164.70 to 165.70): E
 15000 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

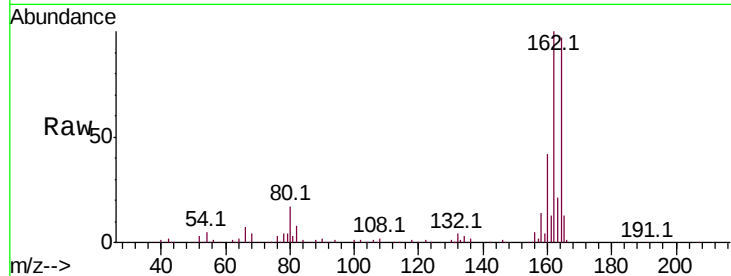




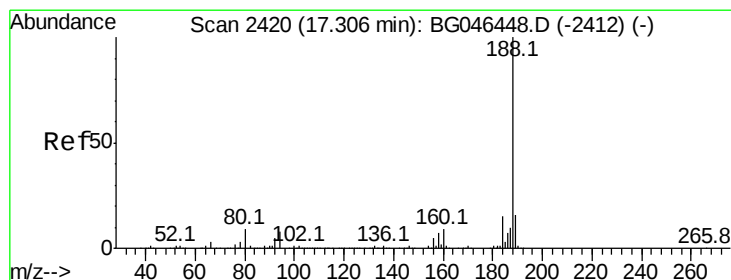
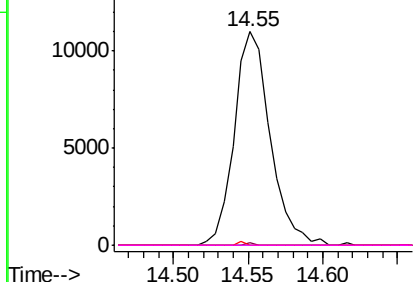
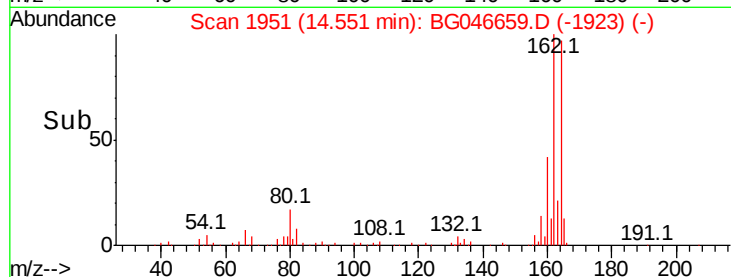
#57
 2,4-Dinitrotoluene
 Concen: 5.526 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. -0.37 min
 Lab File: BG046659.D
 Acq: 17 Sep 2020 11:51

Instrument :
 BNA_G
 ClientSampleId :
 PB131657TB

Tot Ion:165 Resp: 18389
 Ion Ratio Lower Upper
 165 100
 63 1.4 26.4 39.6#
 89 0.0 47.8 71.8#
 182 0.0 2.6 4.0#

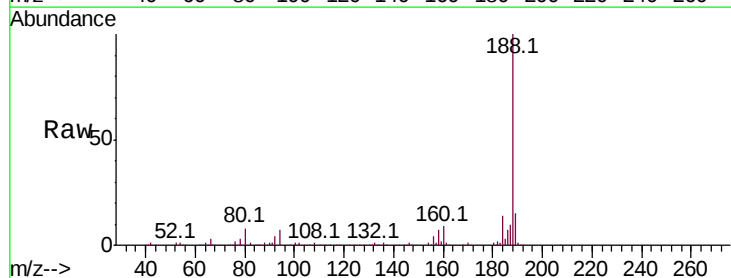


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

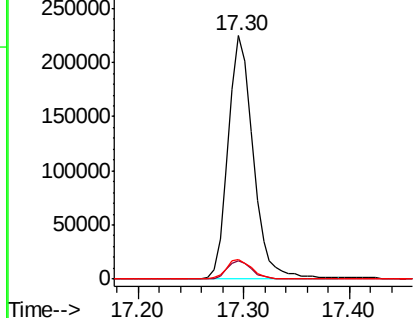
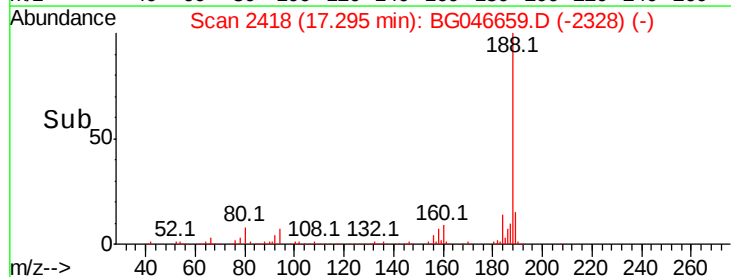


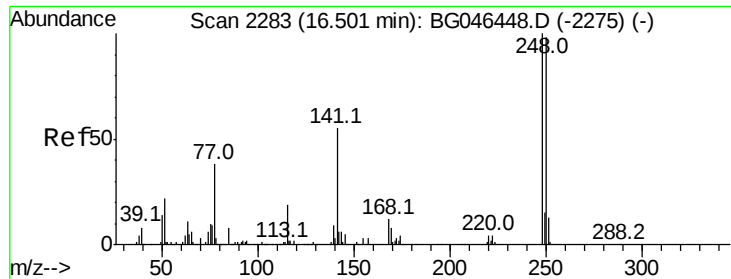
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.30 min Scan# 2418
 Delta R.T. -0.00 min
 Lab File: BG046659.D
 Acq: 17 Sep 2020 11:51

Tgt Ion:188 Resp: 370277
 Ion Ratio Lower Upper
 188 100
 94 7.4 6.3 9.5
 80 8.1 7.0 10.6



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG
 Ion 80.00 (79.70 to 80.70): BG

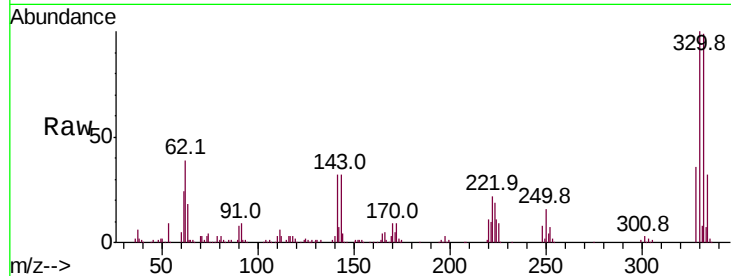




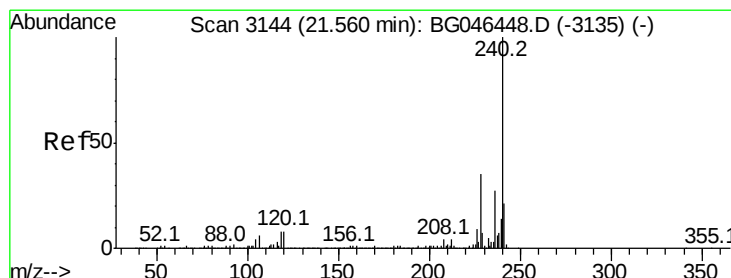
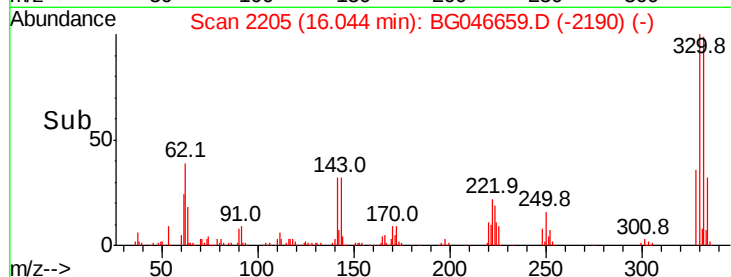
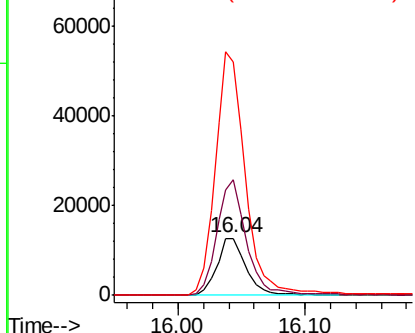
#67
 4-Bromophenyl-phenylether
 Concen: 4.751 ng
 RT: 16.04 min Scan# 2205
 Delta R.T. -0.44 min
 Lab File: BG046659.D
 Acq: 17 Sep 2020 11:51

Instrument :
 BNA_G
 ClientSampleId :
 PB131657TB

Tot Ion:248 Resp: 20522
 Ion Ratio Lower Upper
 248 100
 250 203.1 78.9 118.3#
 141 409.7 46.2 69.4#

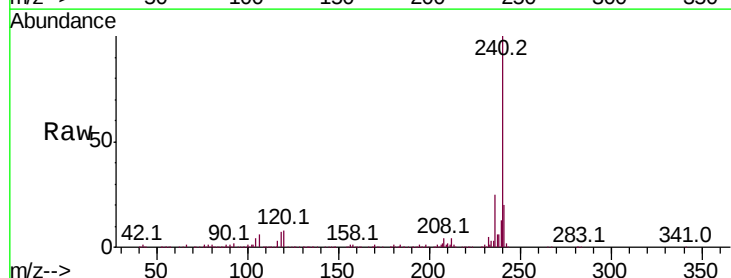


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

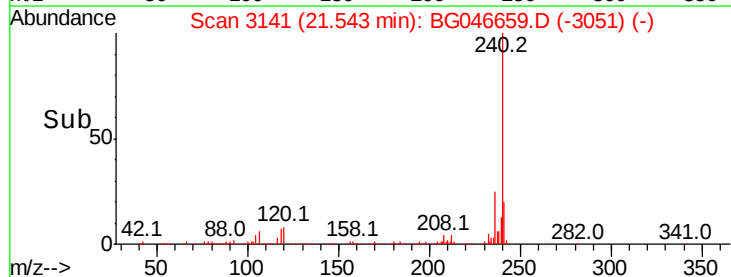
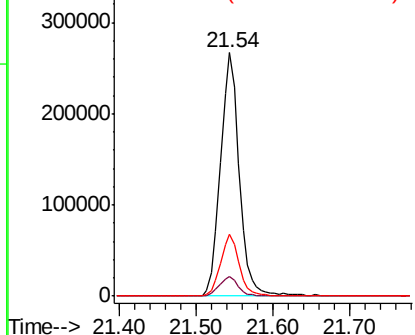


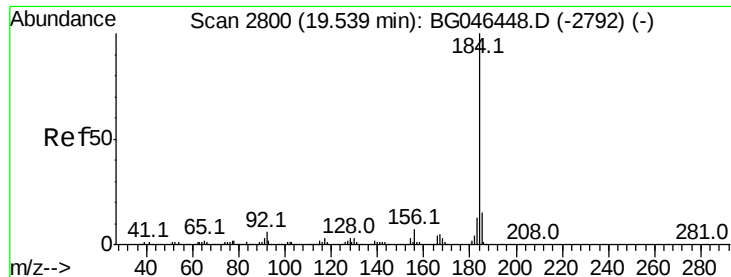
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.54 min Scan# 3141
 Delta R.T. -0.00 min
 Lab File: BG046659.D
 Acq: 17 Sep 2020 11:51

Tgt Ion:240 Resp: 453343
 Ion Ratio Lower Upper
 240 100
 120 8.2 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: 2.933 ng

RT: 19.92 min Scan# 2864

Delta R.T. 0.39 min

Lab File: BG046659.D

Acq: 17 Sep 2020 11:51

Instrument :

BNA_G

ClientSampleId :

PB131657TB

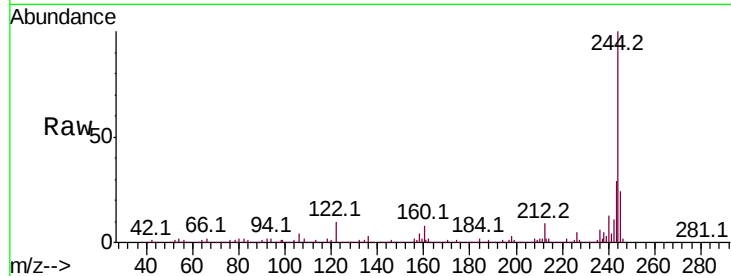
Tot Ion:184 Resp: 30892

Ion Ratio Lower Upper

184 100

185 17.3 12.4 18.6

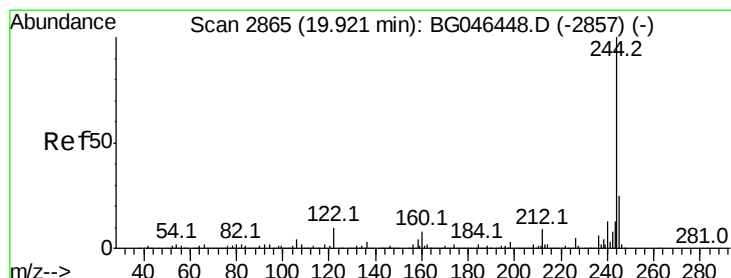
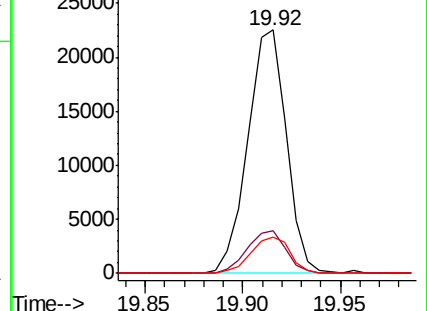
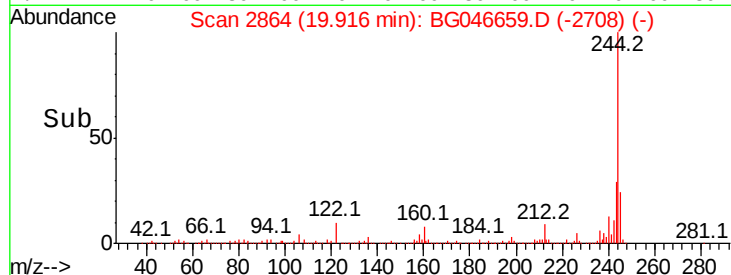
183 15.1 10.6 15.8



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: 90.851 ng

RT: 19.92 min Scan# 2864

Delta R.T. 0.00 min

Lab File: BG046659.D

Acq: 17 Sep 2020 11:51

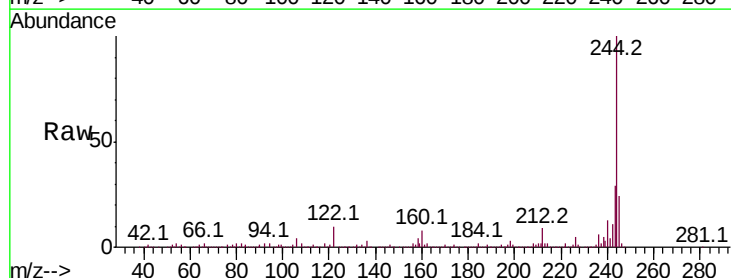
Tgt Ion:244 Resp: 1935293

Ion Ratio Lower Upper

244 100

212 8.6 6.7 10.1

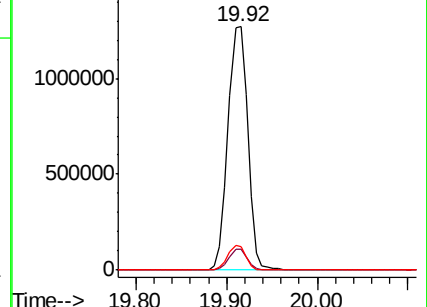
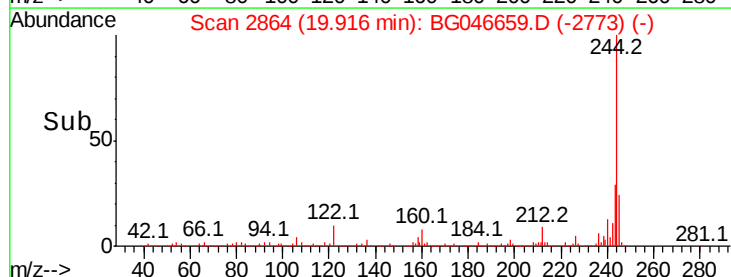
122 9.7 7.8 11.6

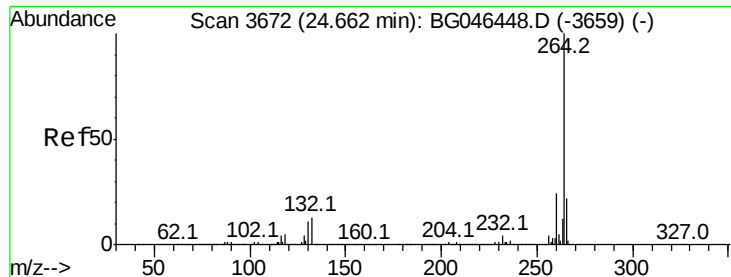


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG046659.D
Acq: 17 Sep 2020 11:51

Instrument :
BNA_G
ClientSampleId :
PB131657TB

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.8	28.2
265	22.1	17.8	26.8

