

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042121\
 Data File : BG048823.D
 Acq On : 21 Apr 2021 17:18
 Operator : CG/JU
 Sample : PB135840BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB135840BL

Quant Time: Apr 22 01:00:32 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 20 17:33:30 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

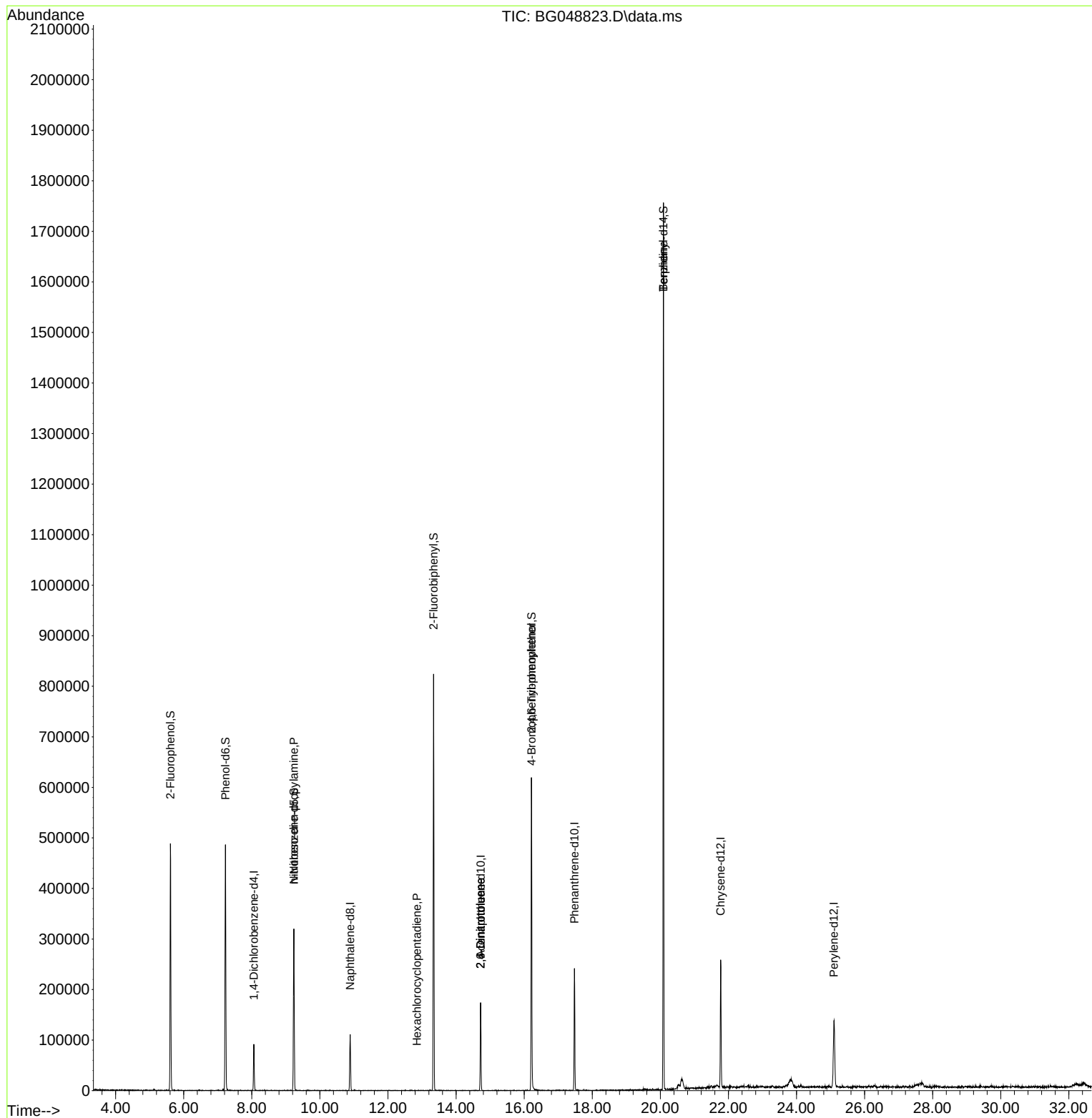
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	21071	20.00	ng	# 0.00
21) Naphthalene-d8	10.891	136	86952	20.00	ng	# 0.00
39) Acenaphthene-d10	14.722	164	58957	20.00	ng	0.00
64) Phenanthrene-d10	17.477	188	147113	20.00	ng	# 0.00
76) Chrysene-d12	21.772	240	151051	20.00	ng	0.00
86) Perylene-d12	25.098	264	146994	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.609	112	191294	151.84	ng	0.00
7) Phenol-d6	7.224	99	237275	133.15	ng	0.00
23) Nitrobenzene-d5	9.234	82	179536	92.44	ng	0.00
42) 2,4,6-Tribromophenol	16.214	330	98576	124.70	ng	0.00
45) 2-Fluorobiphenyl	13.341	172	391706	95.95	ng	0.00
79) Terphenyl-d14	20.092	244	771528	87.91	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.234	70	29068	24.18	ng	# 79
41) Hexachlorocyclopentadiene	12.847	237	96	5.94	ng	# 31
51) 2,6-Dinitrotoluene	14.716	165	8819	8.64	ng	# 12
57) 2,4-Dinitrotoluene	14.716	165	8819	5.95	ng	# 17
67) 4-Bromophenyl-phenylether	16.220	248	7821	4.62	ng	# 1
77) Benzidine	20.092	184	14670	3.58	ng	# 95

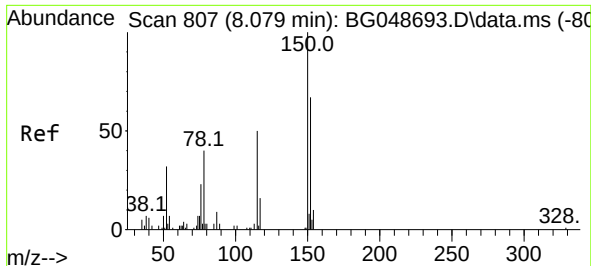
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042121\
Data File : BG048823.D
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Instrument :
BNA_G
ClientSampleId :
PB135840BL

Quant Time: Apr 22 01:00:32 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 20 17:33:30 2021
Response via : Initial Calibration

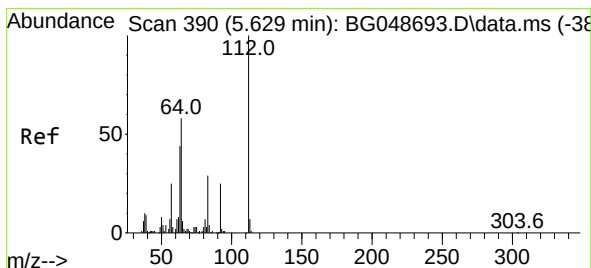
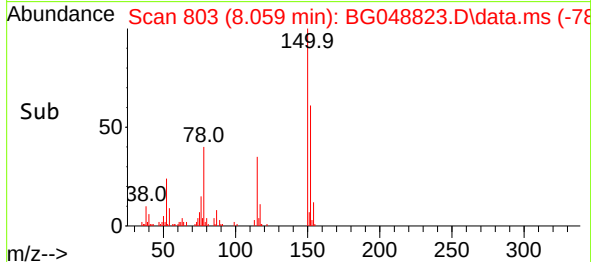
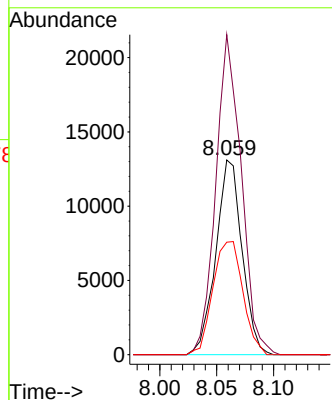
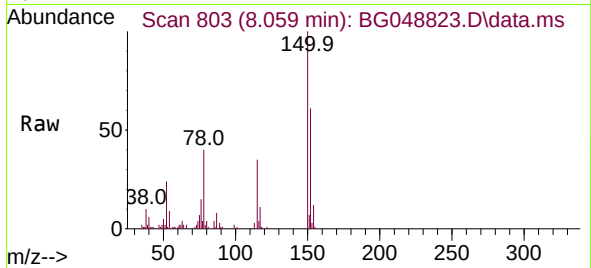




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.059 min Scan# 803
Delta R.T. -0.002 min
Lab File: BG048823.D
Acq: 21 Apr 2021 17:18

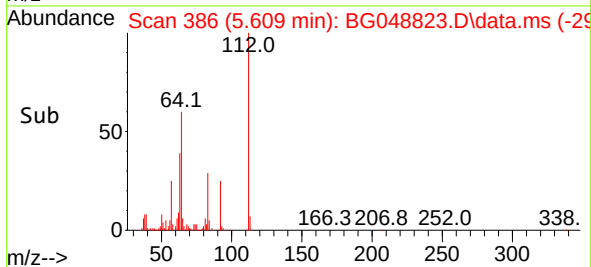
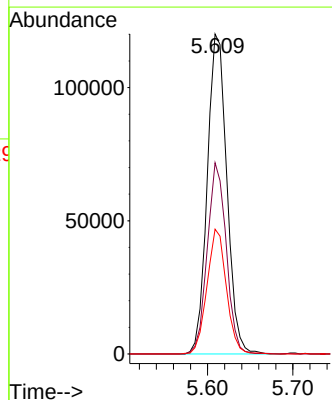
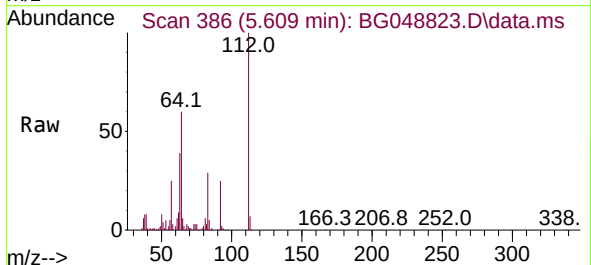
Instrument :
BNA_G
ClientSampled :
PB135840BL

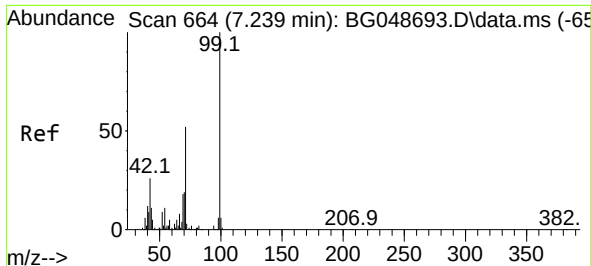
Tgt Ion:152 Resp: 21071
Ion Ratio Lower Upper
152 100
150 164.3 119.4 179.0
115 57.8 60.2 90.4#



#5
2-Fluorophenol
Concen: 151.84 ng
RT: 5.609 min Scan# 386
Delta R.T. 0.003 min
Lab File: BG048823.D
Acq: 21 Apr 2021 17:18

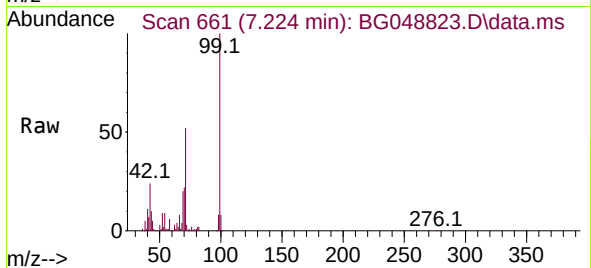
Tgt Ion:112 Resp: 191294
Ion Ratio Lower Upper
112 100
64 59.8 46.7 70.1
63 39.0 35.3 52.9



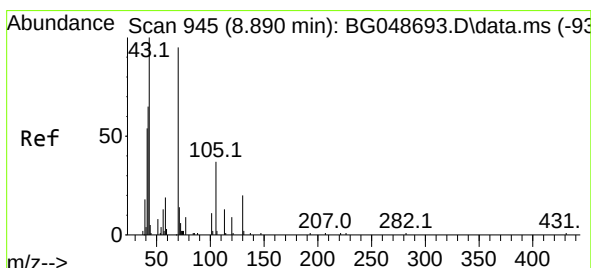
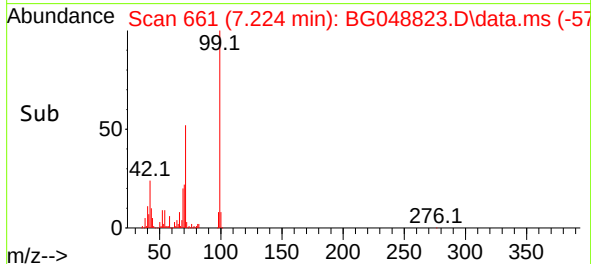
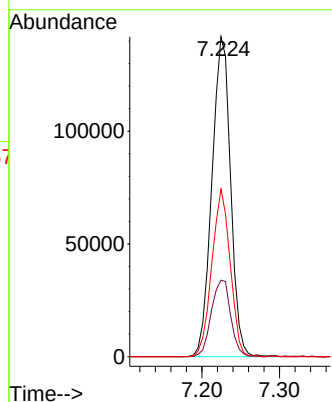


#7
Phenol-d6
Concen: 133.15 ng
RT: 7.224 min Scan# 661
Delta R.T. 0.003 min
Lab File: BG048823.D
Acq: 21 Apr 2021 17:18

Instrument :
BNA_G
ClientSampleId :
PB135840BL

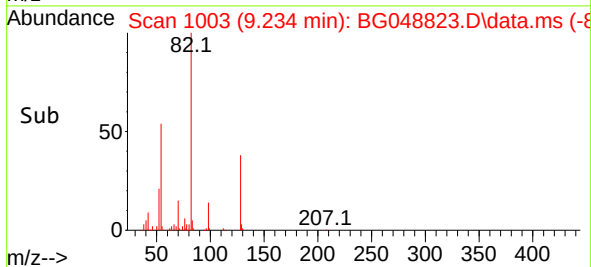
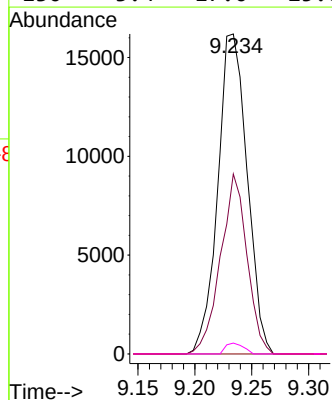
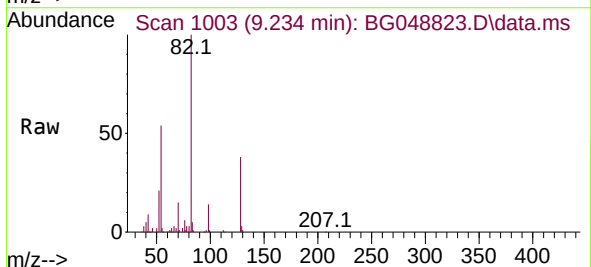


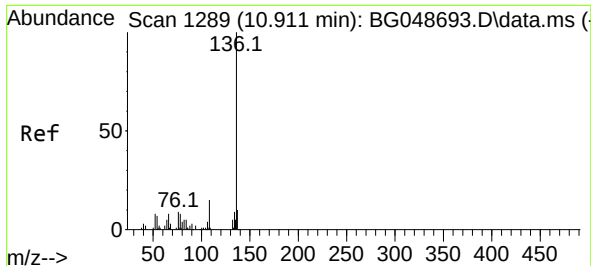
Tgt Ion: 99 Resp: 237275
Ion Ratio Lower Upper
99 100
42 23.9 20.5 30.7
71 52.4 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 24.18 ng
RT: 9.234 min Scan# 1003
Delta R.T. 0.362 min
Lab File: BG048823.D
Acq: 21 Apr 2021 17:18

Tgt Ion: 70 Resp: 29068
Ion Ratio Lower Upper
70 100
42 56.3 54.5 81.7
101 0.0 9.0 13.6#
130 3.4 17.0 25.6#

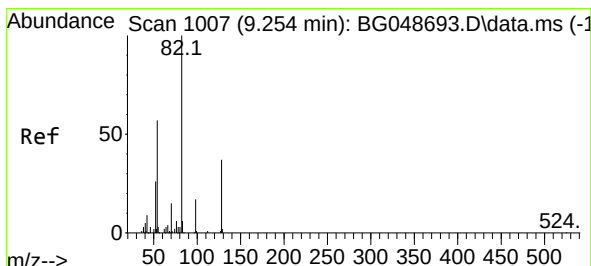
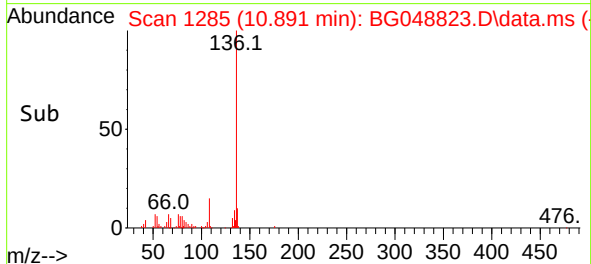
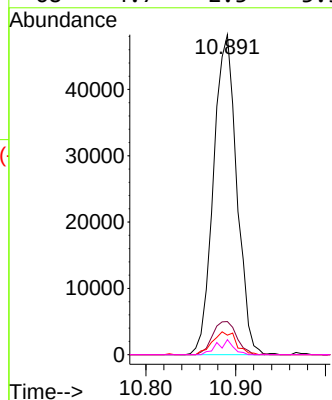
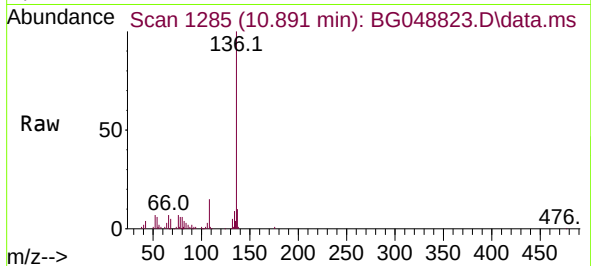




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.891 min Scan# 1285
Delta R.T. -0.002 min
Lab File: BG048823.D
Acq: 21 Apr 2021 17:18

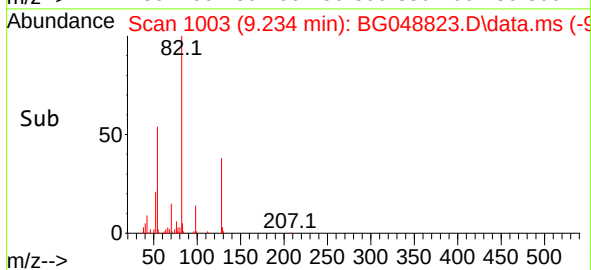
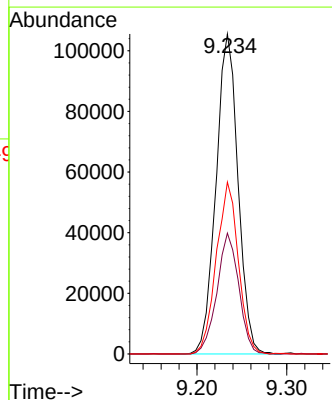
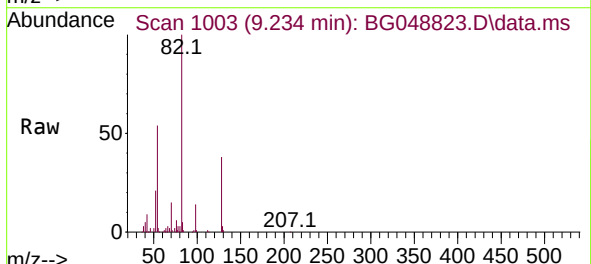
Instrument :
BNA_G
ClientSampleId :
PB135840BL

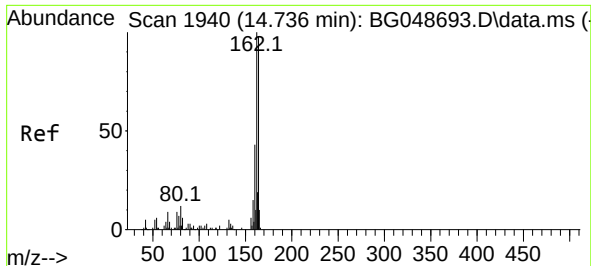
Tgt Ion:	136	Resp:	86952
Ion Ratio	Lower	Upper	
136	100		
137	10.4	8.2	12.2
54	6.1	5.5	8.3
68	4.7	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 92.44 ng
RT: 9.234 min Scan# 1003
Delta R.T. -0.002 min
Lab File: BG048823.D
Acq: 21 Apr 2021 17:18

Tgt Ion:	82	Resp:	179536
Ion Ratio	Lower	Upper	
82	100		
128	37.8	29.8	44.6
54	53.7	45.8	68.8





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.722 min Scan# 1937

Delta R.T. -0.002 min

Lab File: BG048823.D

Acq: 21 Apr 2021 17:18

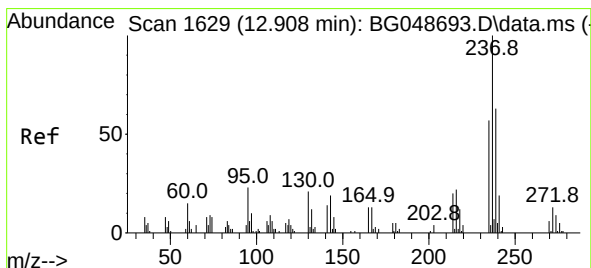
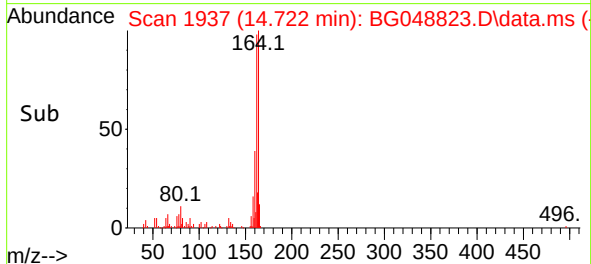
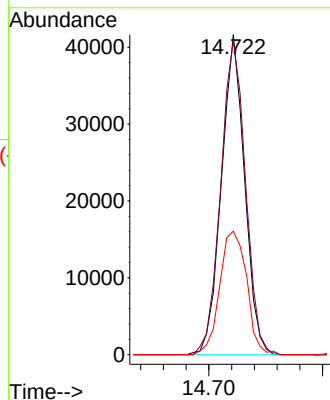
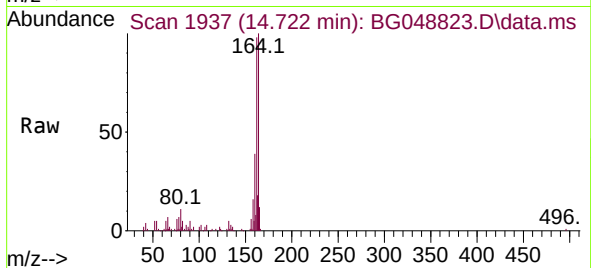
Tgt Ion:164 Resp: 58957

Ion Ratio Lower Upper

164 100

162 98.1 81.4 122.0

160 38.6 34.9 52.3



#41

Hexachlorocyclopentadiene

Concen: 5.94 ng

RT: 12.847 min Scan# 1618

Delta R.T. -0.044 min

Lab File: BG048823.D

Acq: 21 Apr 2021 17:18

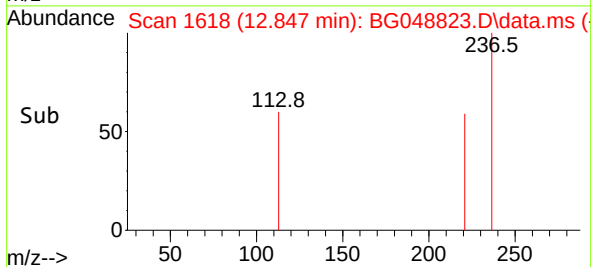
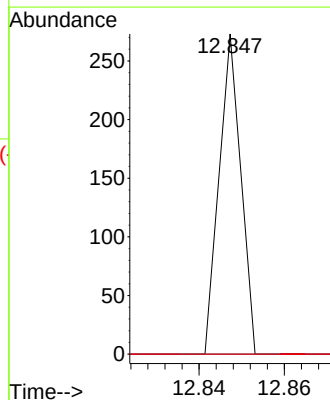
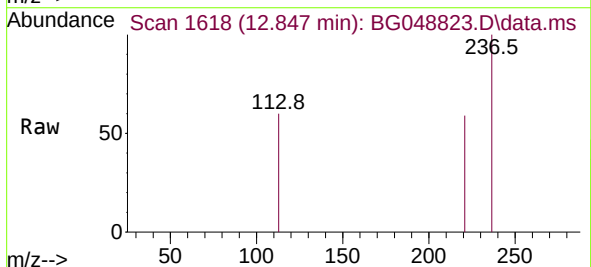
Tgt Ion:237 Resp: 96

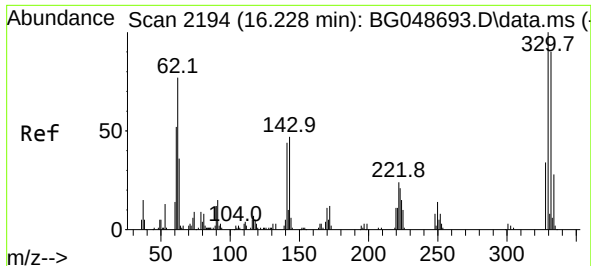
Ion Ratio Lower Upper

237 100

235 0.0 36.6 76.6#

272 0.0 0.0 32.5

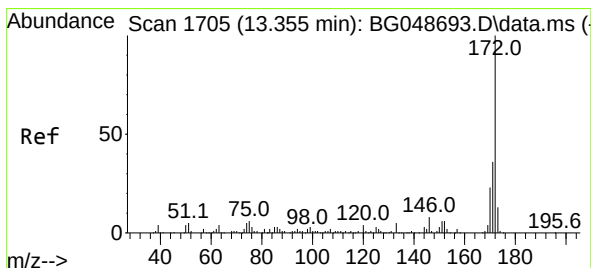
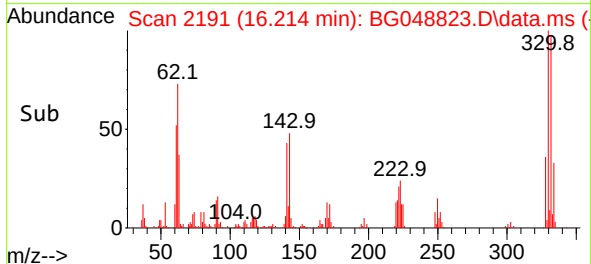
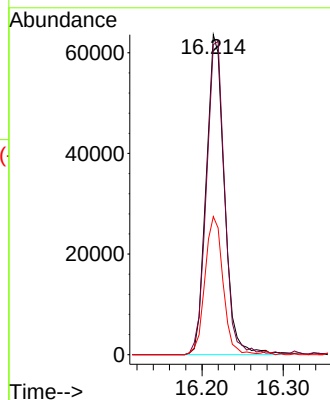
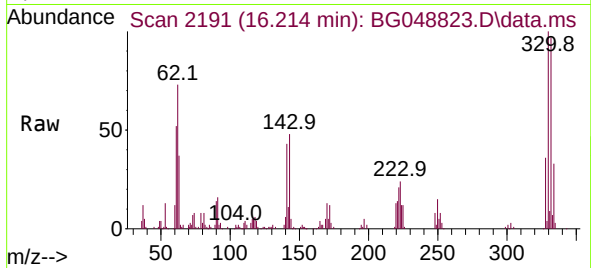




#42
2,4,6-Tribromophenol
Concen: 124.70 ng
RT: 16.214 min Scan# 2191
Delta R.T. -0.002 min
Lab File: BG048823.D
Acq: 21 Apr 2021 17:18

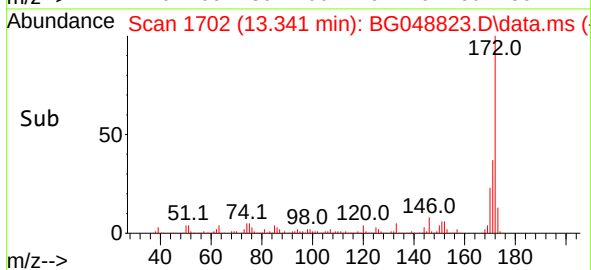
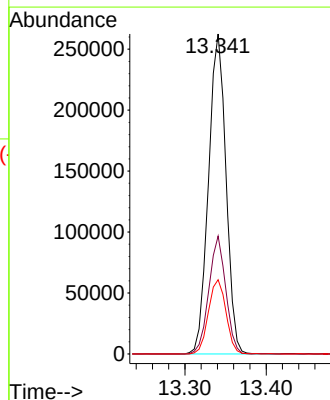
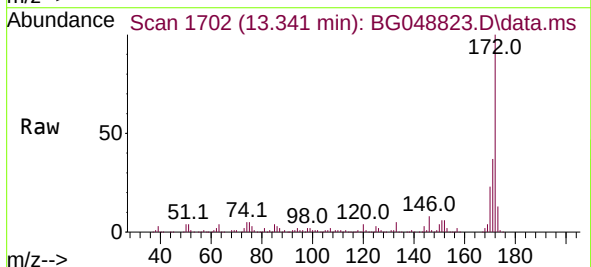
Instrument :
BNA_G
ClientSampleId :
PB135840BL

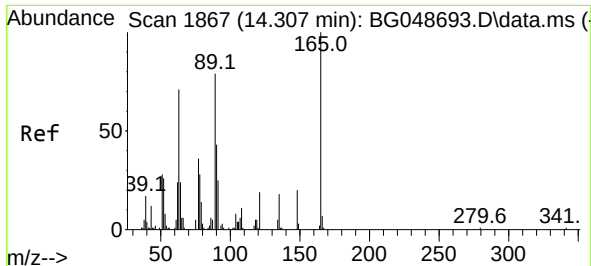
Tgt Ion:330 Resp: 98576
Ion Ratio Lower Upper
330 100
332 98.1 77.3 115.9
141 42.8 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 95.95 ng
RT: 13.341 min Scan# 1702
Delta R.T. -0.002 min
Lab File: BG048823.D
Acq: 21 Apr 2021 17:18

Tgt Ion:172 Resp: 391706
Ion Ratio Lower Upper
172 100
171 36.8 28.6 43.0
170 23.2 18.6 27.8

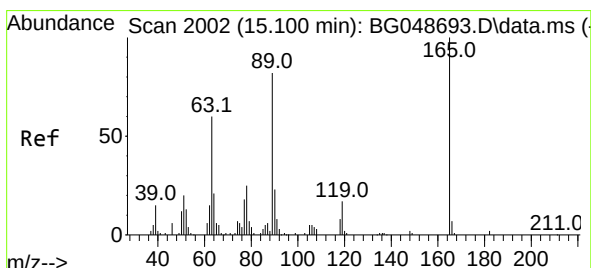
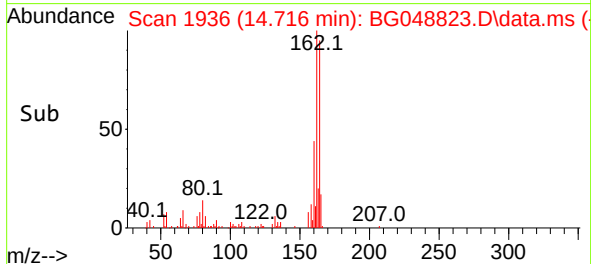
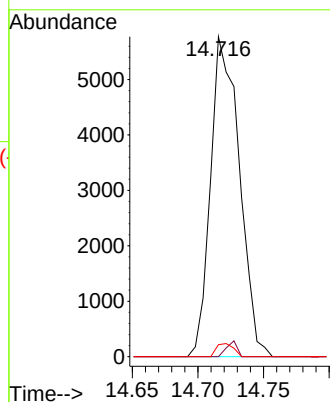
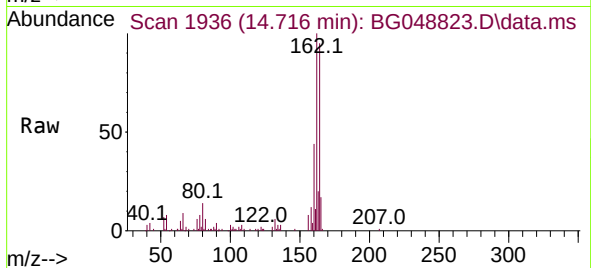




#51
2,6-Dinitrotoluene
Concen: 8.64 ng
RT: 14.716 min Scan# 1936
Delta R.T. 0.421 min
Lab File: BG048823.D
Acq: 21 Apr 2021 17:18

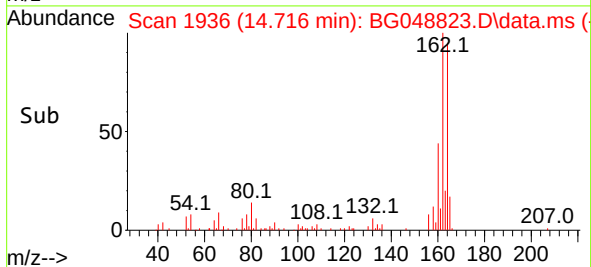
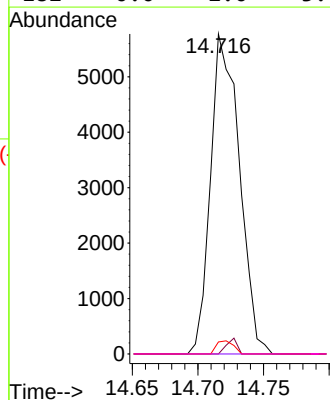
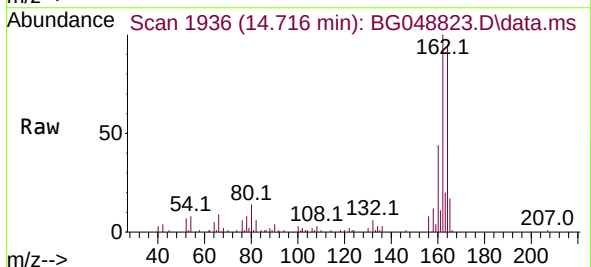
Instrument :
BNA_G
ClientSampleId :
PB135840BL

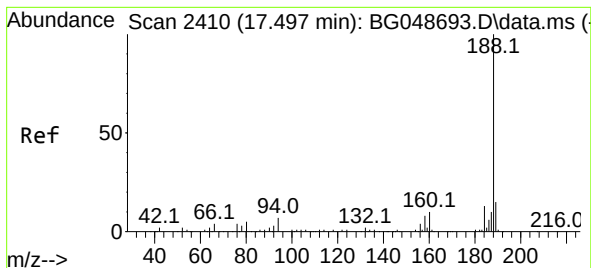
Tgt Ion:165 Resp: 8819
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 3.8 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 5.95 ng
RT: 14.716 min Scan# 1936
Delta R.T. -0.367 min
Lab File: BG048823.D
Acq: 21 Apr 2021 17:18

Tgt Ion:165 Resp: 8819
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 3.8 65.4 98.0#
182 0.0 2.0 3.0#

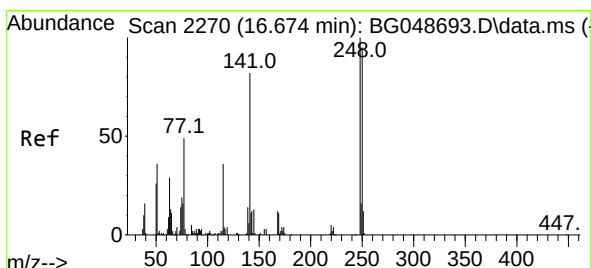
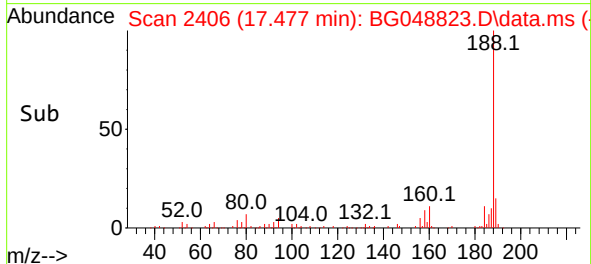
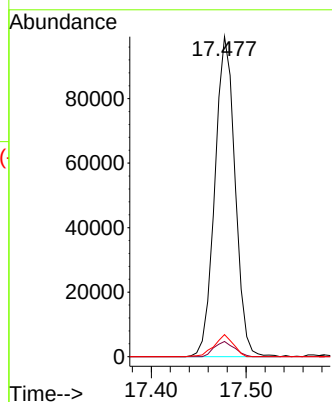
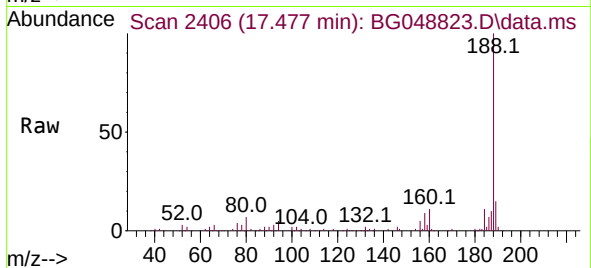




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.477 min Scan# 2406
Delta R.T. -0.002 min
Lab File: BG048823.D
Acq: 21 Apr 2021 17:18

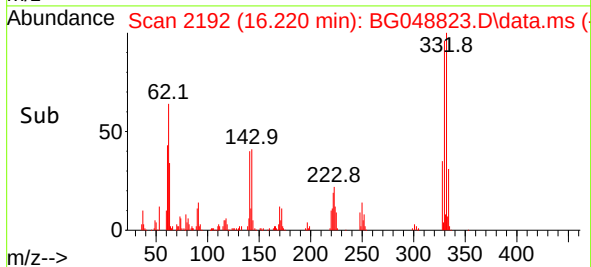
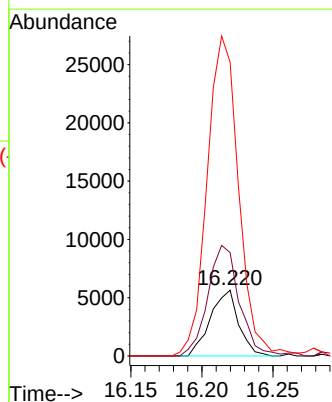
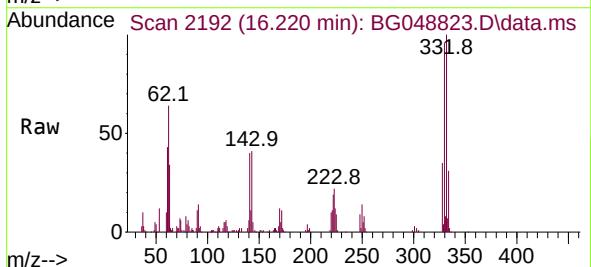
Instrument :
BNA_G
ClientSampleId :
PB135840BL

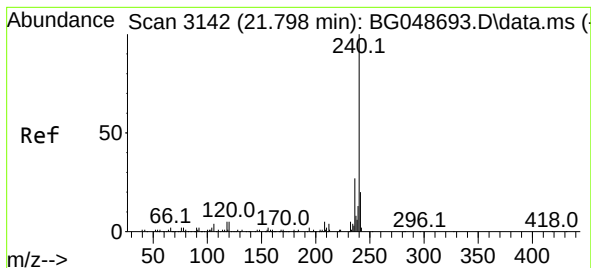
Tgt Ion:188 Resp: 147113
Ion Ratio Lower Upper
188 100
94 4.8 5.4 8.0#
80 6.9 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 4.62 ng
RT: 16.220 min Scan# 2192
Delta R.T. -0.443 min
Lab File: BG048823.D
Acq: 21 Apr 2021 17:18

Tgt Ion:248 Resp: 7821
Ion Ratio Lower Upper
248 100
250 157.1 76.1 114.1#
141 446.1 65.4 98.2#

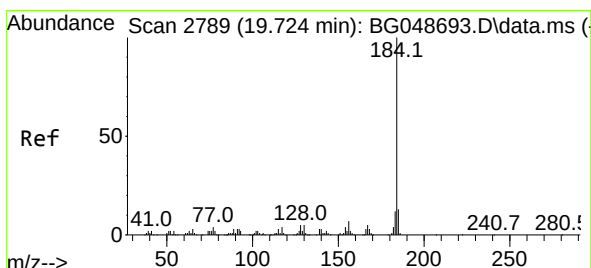
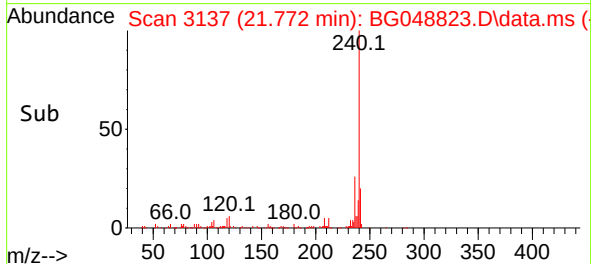
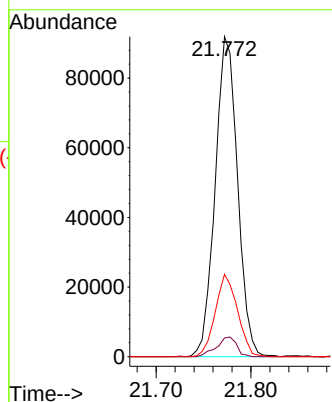
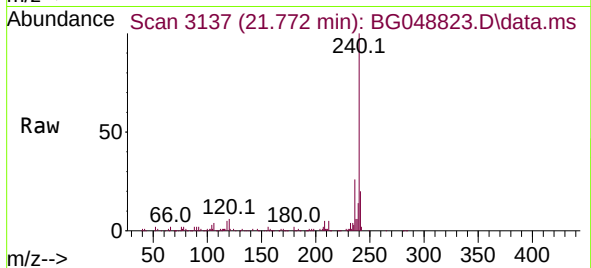




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.772 min Scan# 3137
Delta R.T. -0.008 min
Lab File: BG048823.D
Acq: 21 Apr 2021 17:18

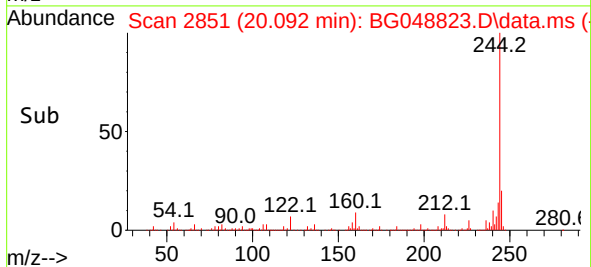
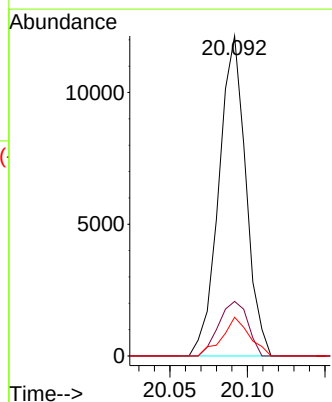
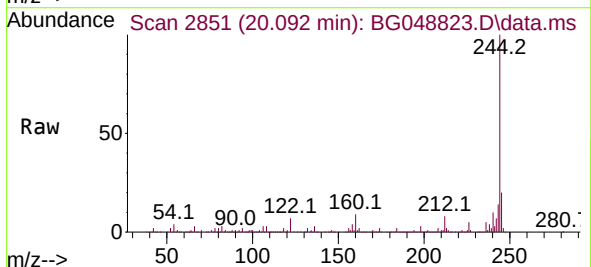
Instrument :
BNA_G
ClientSampleId :
PB135840BL

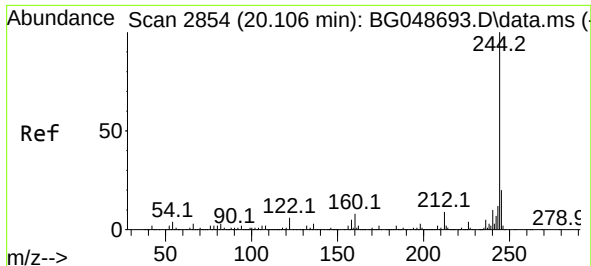
Tgt Ion:240 Resp: 151051
Ion Ratio Lower Upper
240 100
120 5.8 4.2 6.2
236 25.8 21.8 32.6



#77
Benzidine
Concen: 3.58 ng
RT: 20.092 min Scan# 2851
Delta R.T. 0.379 min
Lab File: BG048823.D
Acq: 21 Apr 2021 17:18

Tgt Ion:184 Resp: 14670
Ion Ratio Lower Upper
184 100
185 17.0 10.7 16.1#
183 12.1 9.4 14.0

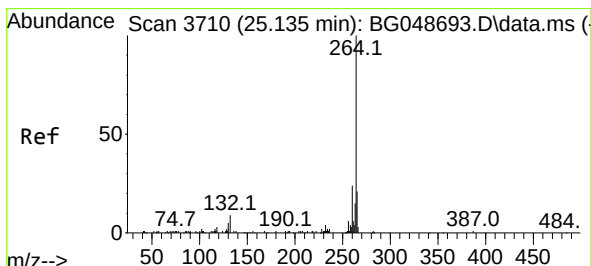
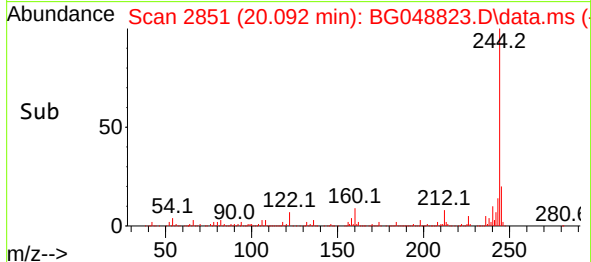
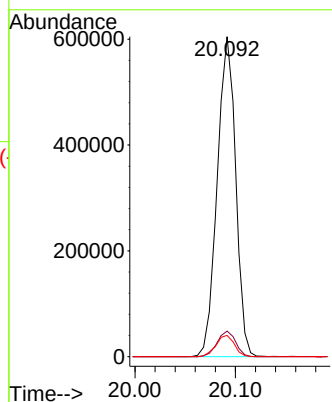
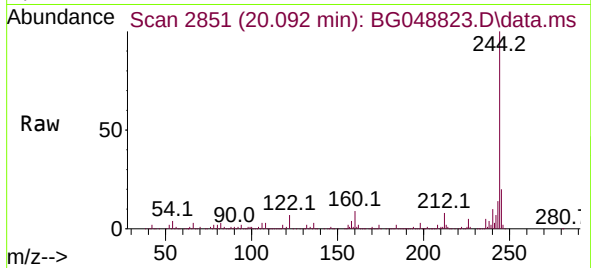




#79
Terphenyl-d14
Concen: 87.91 ng
RT: 20.092 min Scan# 2851
Delta R.T. -0.002 min
Lab File: BG048823.D
Acq: 21 Apr 2021 17:18

Instrument :
BNA_G
ClientSampleId :
PB135840BL

Tgt Ion:244 Resp: 771528
Ion Ratio Lower Upper
244 100
212 8.0 6.9 10.3
122 6.6 5.0 7.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.098 min Scan# 3703
Delta R.T. -0.014 min
Lab File: BG048823.D
Acq: 21 Apr 2021 17:18

Tgt Ion:264 Resp: 146994
Ion Ratio Lower Upper
264 100
260 24.0 19.4 29.2
265 19.9 16.9 25.3

