

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020321\
 Data File : BG048087.D
 Acq On : 3 Feb 2021 11:30
 Operator : CG/JU
 Sample : PB134433BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB134433BL

Quant Time: Feb 03 12:15:09 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 02 15:30:13 2021
 Response via : Initial Calibration

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

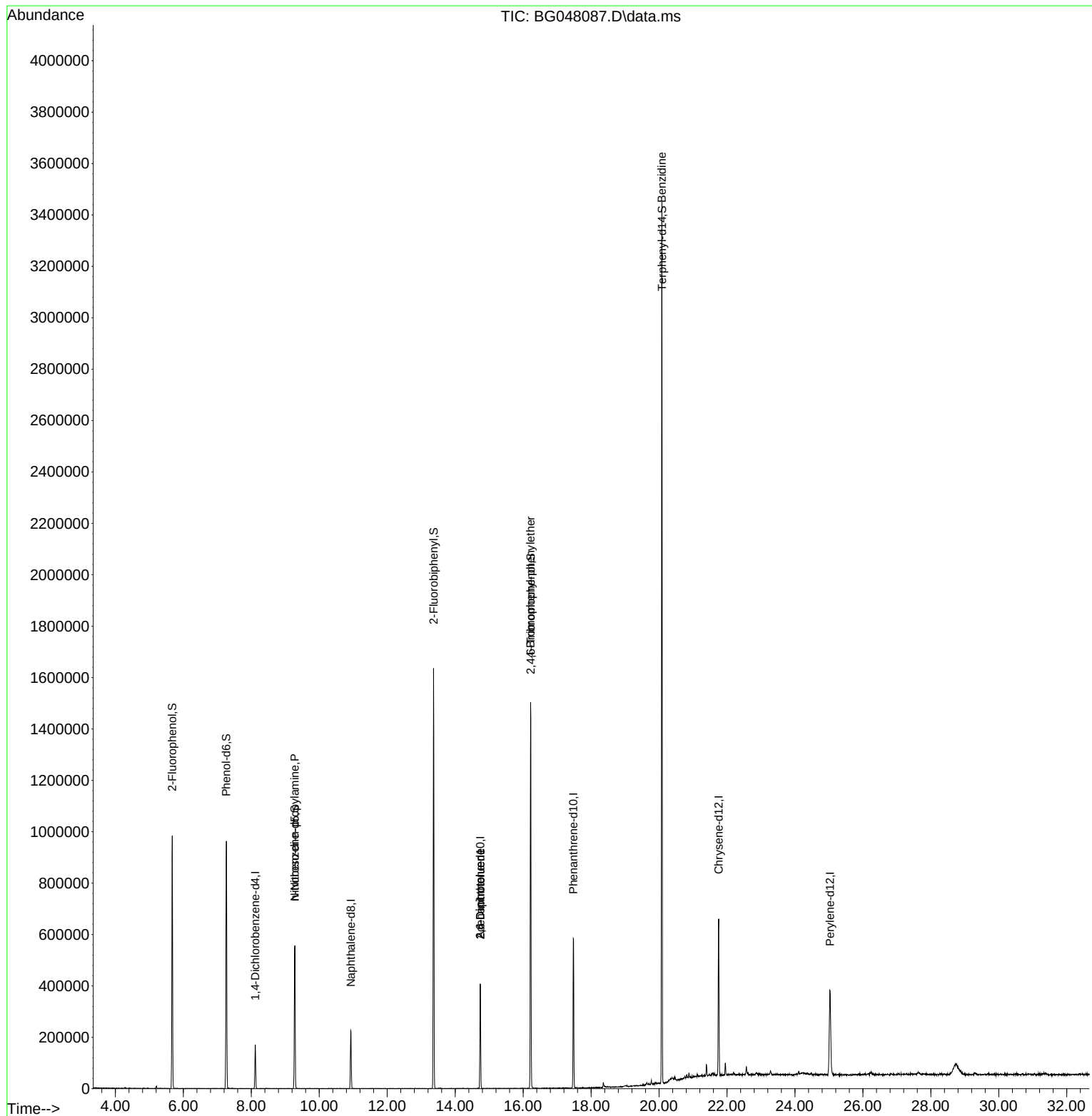
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.118	152	44493	20.00	ng	0.00
21) Naphthalene-d8	10.932	136	181728	20.00	ng	0.00
39) Acenaphthene-d10	14.739	164	139684	20.00	ng	0.00
64) Phenanthrene-d10	17.477	188	372331	20.00	ng	0.00
76) Chrysene-d12	21.755	240	387195	20.00	ng	# 0.00
86) Perylene-d12	25.033	264	378306	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.673	112	378411	130.71	ng	0.00
7) Phenol-d6	7.266	99	513257	116.60	ng	0.00
23) Nitrobenzene-d5	9.281	82	351836	76.61	ng	0.00
42) 2,4,6-Tribromophenol	16.226	330	288586	124.04	ng	0.00
45) 2-Fluorobiphenyl	13.364	172	822705	76.15	ng	0.00
79) Terphenyl-d14	20.086	244	1517369	67.95	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.281	70	49757	15.49	ng	# 75
51) 2,6-Dinitrotoluene	14.739	165	18591	7.07	ng	# 35
57) 2,4-Dinitrotoluene	14.739	165	18591	4.90	ng	# 33
67) 4-Bromophenyl-phenylether	16.220	248	20424	4.10	ng	# 1
77) Benzidine	20.080	184	26786	2.40	ng	# 94

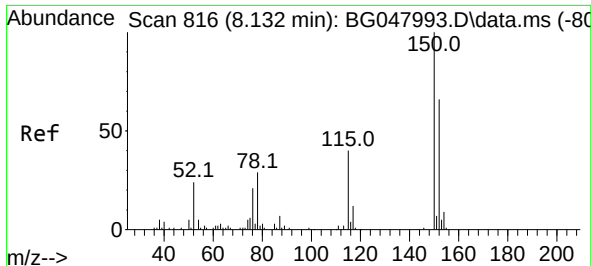
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020321\
Data File : BG048087.D
Acq On : 3 Feb 2021 11:30
Operator : CG/JU
Sample : PB134433BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB134433BL

Quant Time: Feb 03 12:15:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 02 15:30:13 2021
Response via : Initial Calibration

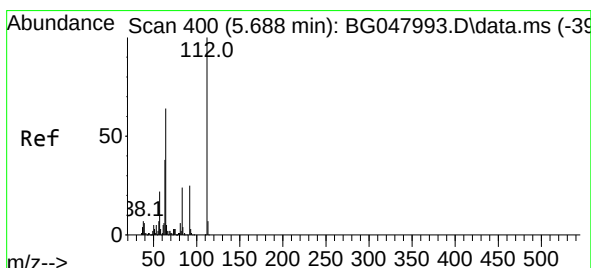
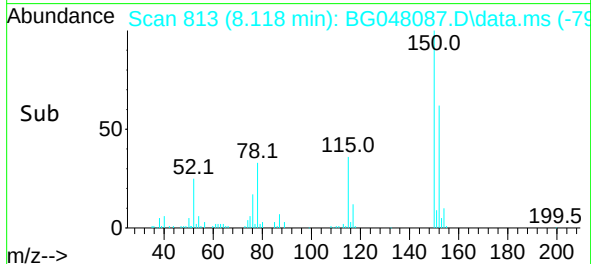
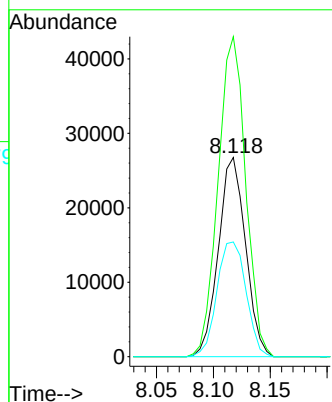
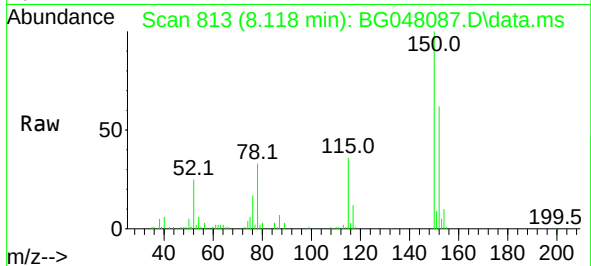




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.118 min Scan# 813
Delta R.T. -0.002 min
Lab File: BG048087.D
Acq: 3 Feb 2021 11:30

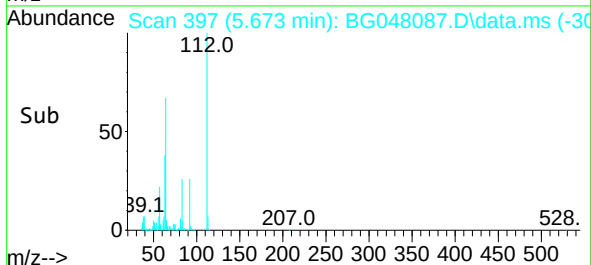
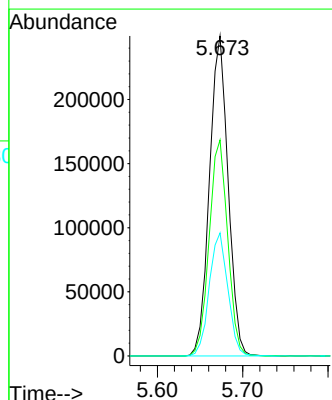
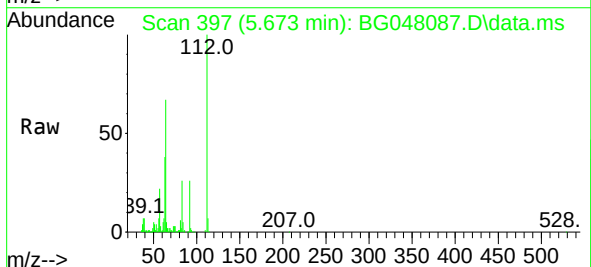
Instrument :
BNA_G
ClientSampleId :
PB134433BL

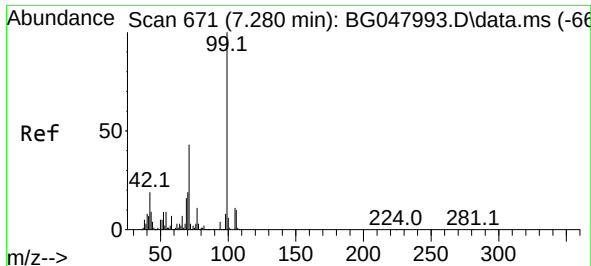
Tgt Ion:152 Resp: 44493
Ion Ratio Lower Upper
152 100
150 160.7 125.0 187.6
115 57.6 41.8 62.6



#5
2-Fluorophenol
Concen: 130.71 ng
RT: 5.673 min Scan# 397
Delta R.T. -0.002 min
Lab File: BG048087.D
Acq: 3 Feb 2021 11:30

Tgt Ion:112 Resp: 378411
Ion Ratio Lower Upper
112 100
64 67.5 46.7 70.1
63 38.5 22.8 34.2#

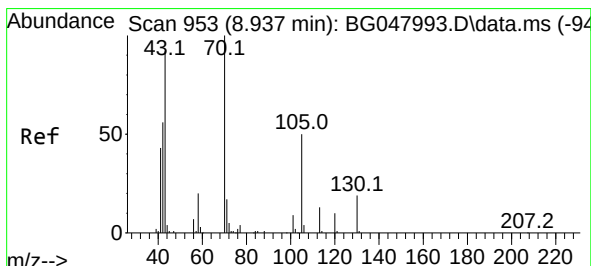
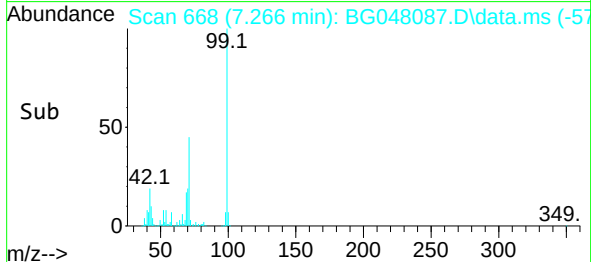
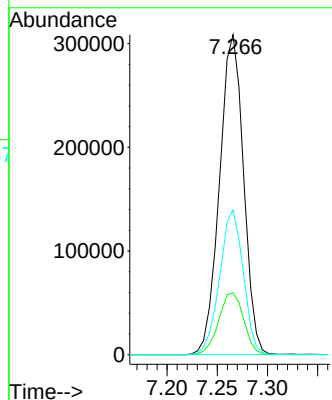
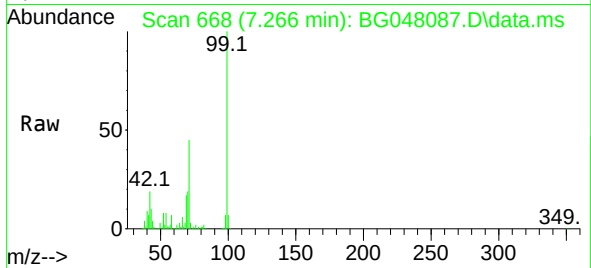




#7
Phenol-d6
Concen: 116.60 ng
RT: 7.266 min Scan# 668
Delta R.T. -0.002 min
Lab File: BG048087.D
Acq: 3 Feb 2021 11:30

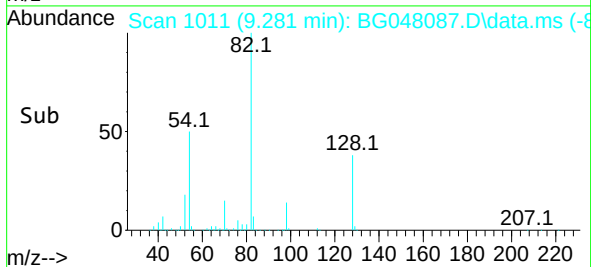
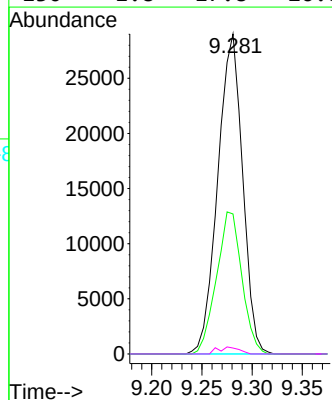
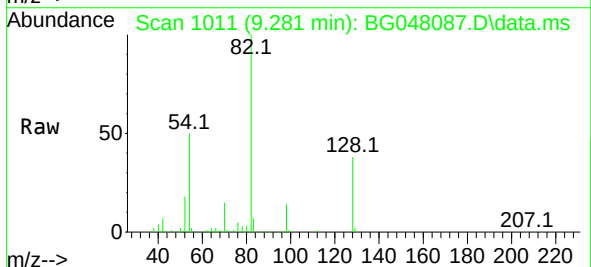
Instrument :
BNA_G
ClientSampleId :
PB134433BL

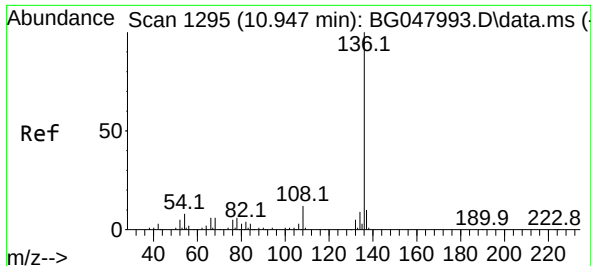
Tgt Ion: 99 Resp: 513257
Ion Ratio Lower Upper
99 100
42 19.4 12.8 19.2#
71 45.2 24.6 36.8#



#19
n-Nitroso-di-n-propylamine
Concen: 15.49 ng
RT: 9.281 min Scan# 1011
Delta R.T. 0.356 min
Lab File: BG048087.D
Acq: 3 Feb 2021 11:30

Tgt Ion: 70 Resp: 49757
Ion Ratio Lower Upper
70 100
42 43.8 45.6 68.4#
101 0.0 8.4 12.6#
130 1.8 17.8 26.8#

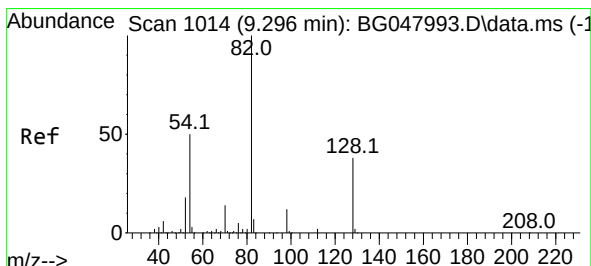
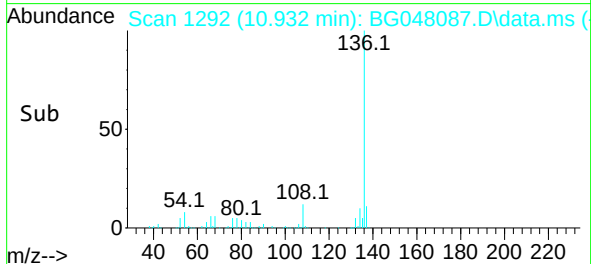
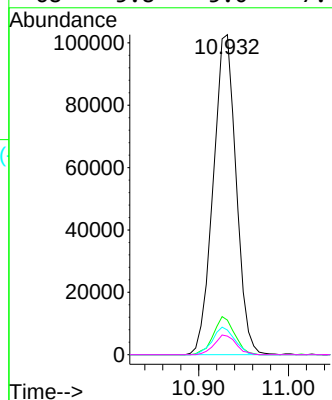
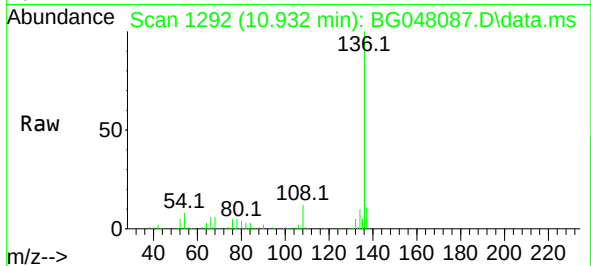




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.932 min Scan# 1292
Delta R.T. -0.002 min
Lab File: BG048087.D
Acq: 3 Feb 2021 11:30

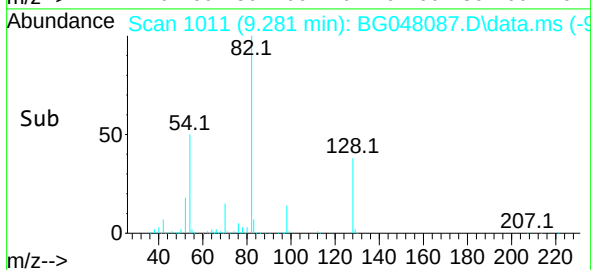
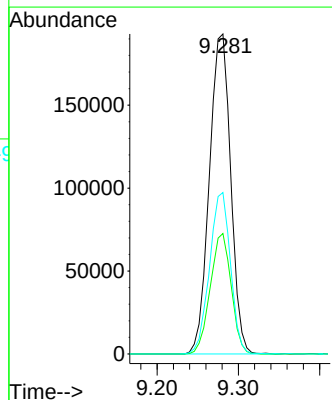
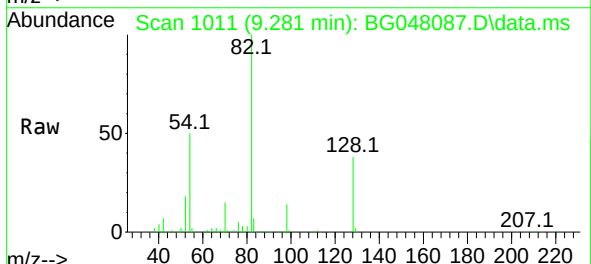
Instrument :
BNA_G
ClientSampleId :
PB134433BL

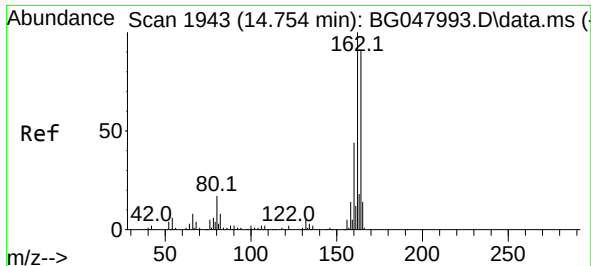
Tgt Ion:136	Resp: 181728
Ion Ratio	Lower Upper
136 100	
137 10.8	9.1 13.7
54 7.7	6.2 9.4
68 5.8	5.0 7.4



#23
Nitrobenzene-d5
Concen: 76.61 ng
RT: 9.281 min Scan# 1011
Delta R.T. -0.002 min
Lab File: BG048087.D
Acq: 3 Feb 2021 11:30

Tgt Ion: 82	Resp: 351836
Ion Ratio	Lower Upper
82 100	
128 37.6	37.0 55.6
54 50.4	39.0 58.4

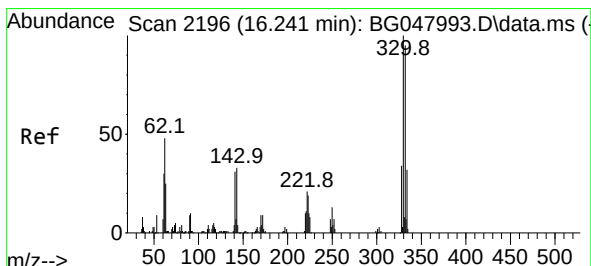
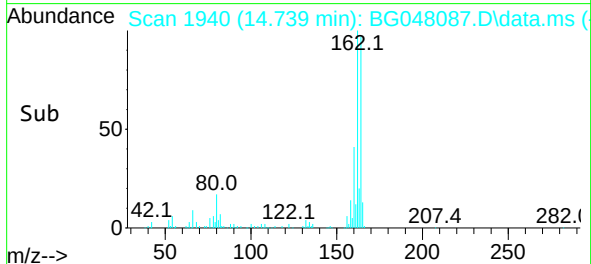
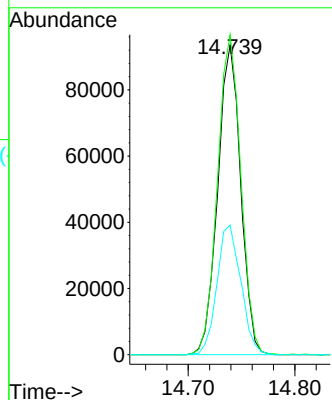
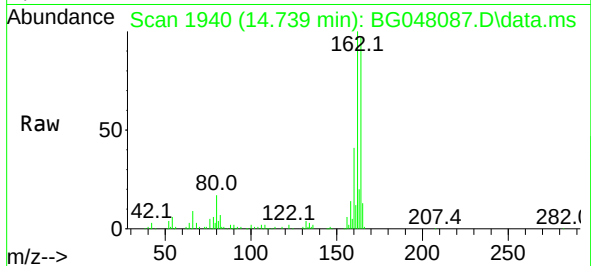




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.739 min Scan# 1940
Delta R.T. -0.002 min
Lab File: BG048087.D
Acq: 3 Feb 2021 11:30

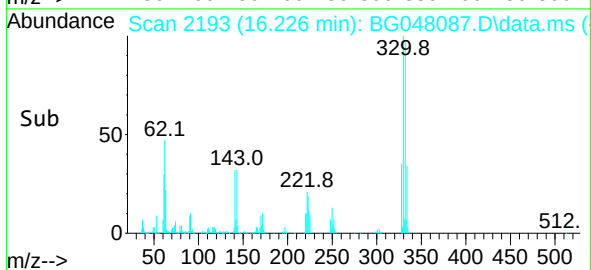
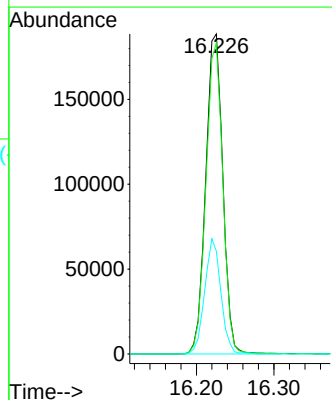
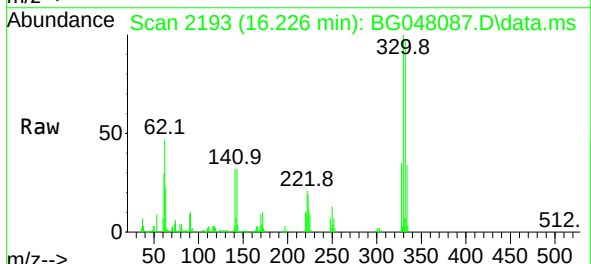
Instrument :
BNA_G
ClientSampleId :
PB134433BL

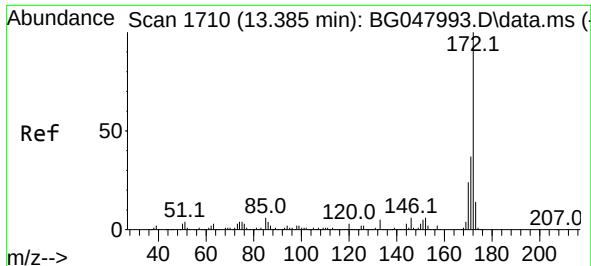
Tgt Ion:164 Resp: 139684
Ion Ratio Lower Upper
164 100
162 103.4 82.3 123.5
160 41.9 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 124.04 ng
RT: 16.226 min Scan# 2193
Delta R.T. -0.002 min
Lab File: BG048087.D
Acq: 3 Feb 2021 11:30

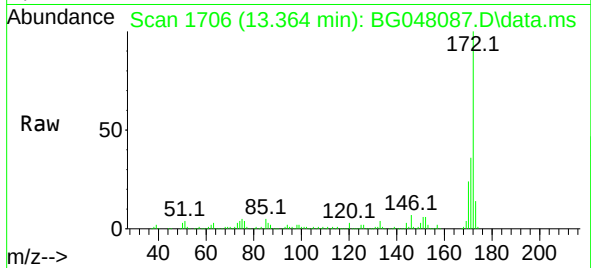
Tgt Ion:330 Resp: 288586
Ion Ratio Lower Upper
330 100
332 96.0 76.5 114.7
141 34.0 26.0 39.0



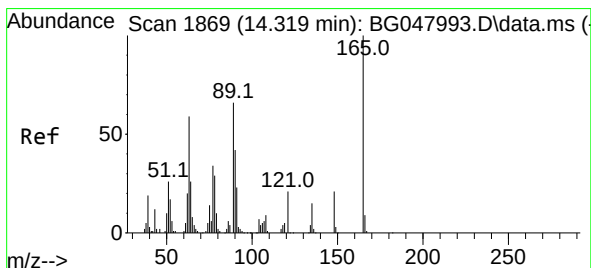
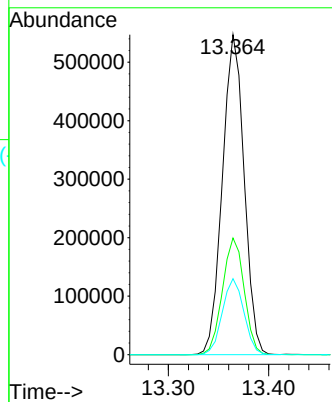
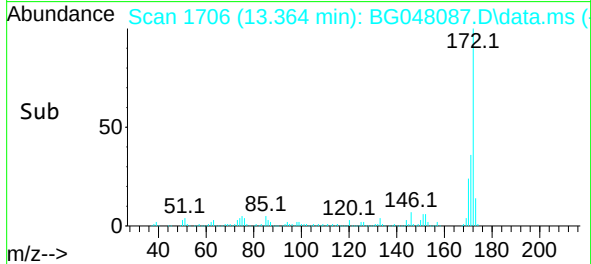


#45
2-Fluorobiphenyl
Concen: 76.15 ng
RT: 13.364 min Scan# 1706
Delta R.T. -0.002 min
Lab File: BG048087.D
Acq: 3 Feb 2021 11:30

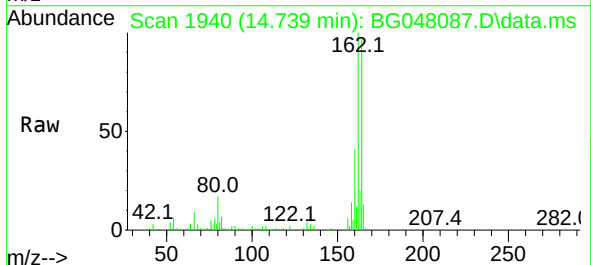
Instrument :
BNA_G
ClientSampleId :
PB134433BL



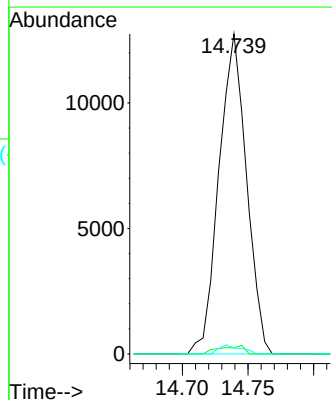
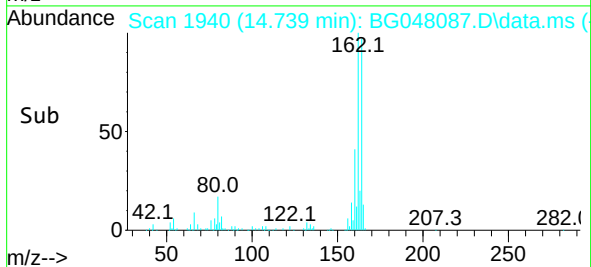
Tgt Ion:172 Resp: 822705
Ion Ratio Lower Upper
172 100
171 36.5 31.3 46.9
170 23.7 20.8 31.2

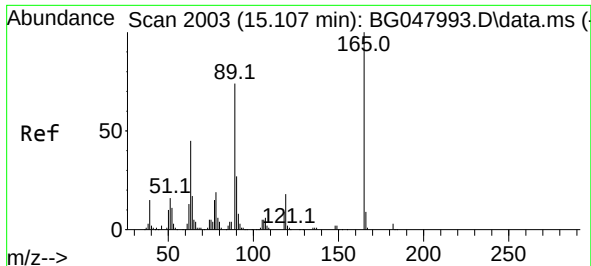


#51
2,6-Dinitrotoluene
Concen: 7.07 ng
RT: 14.739 min Scan# 1940
Delta R.T. 0.433 min
Lab File: BG048087.D
Acq: 3 Feb 2021 11:30



Tgt Ion:165 Resp: 18591
Ion Ratio Lower Upper
165 100
63 1.9 33.7 50.5#
89 1.9 36.6 54.8#

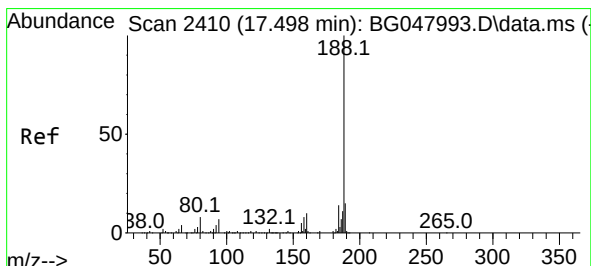
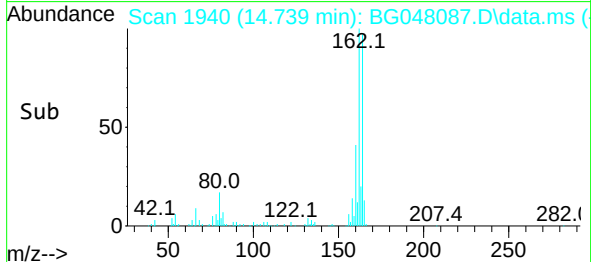
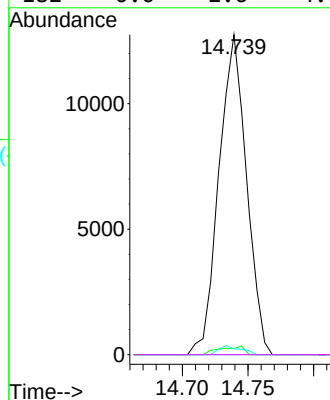
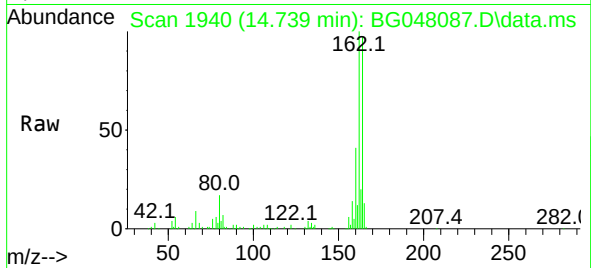




#57
2,4-Dinitrotoluene
Concen: 4.90 ng
RT: 14.739 min Scan# 1940
Delta R.T. -0.355 min
Lab File: BG048087.D
Acq: 3 Feb 2021 11:30

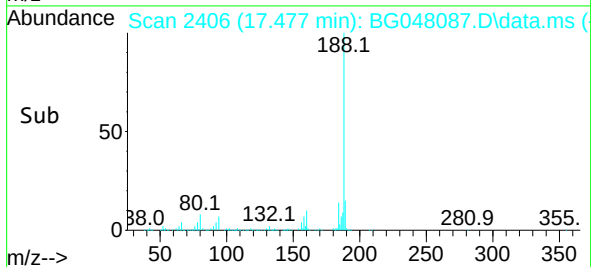
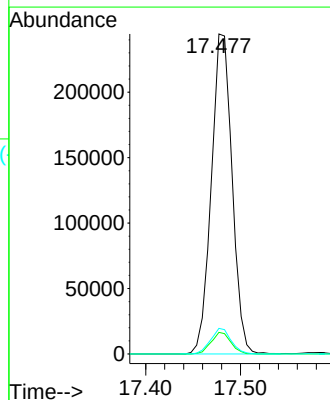
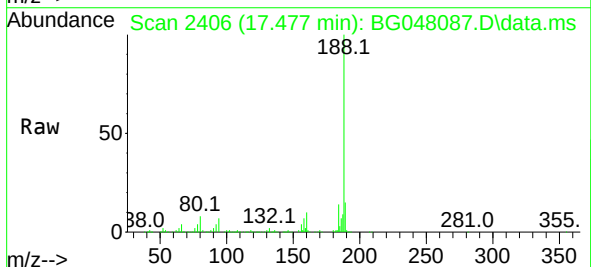
Instrument :
BNA_G
ClientSampleId :
PB134433BL

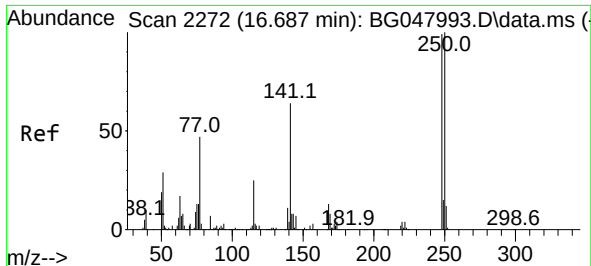
Tgt Ion:165 Resp: 18591
Ion Ratio Lower Upper
165 100
63 1.9 26.4 39.6#
89 1.9 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.477 min Scan# 2406
Delta R.T. -0.008 min
Lab File: BG048087.D
Acq: 3 Feb 2021 11:30

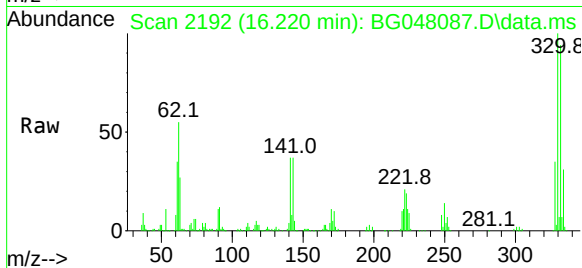
Tgt Ion:188 Resp: 372331
Ion Ratio Lower Upper
188 100
94 6.8 6.3 9.5
80 8.0 7.0 10.6



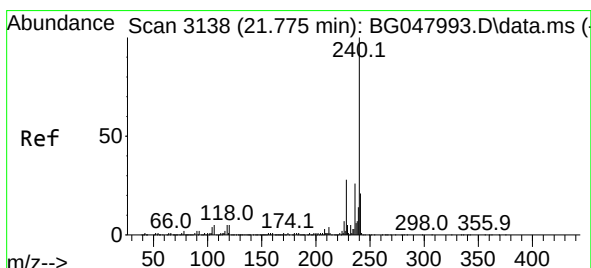
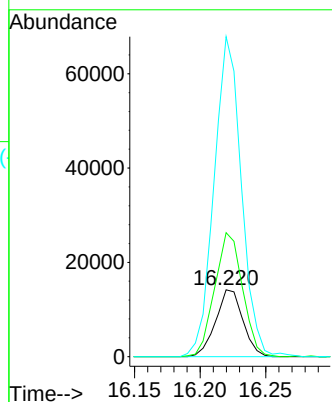
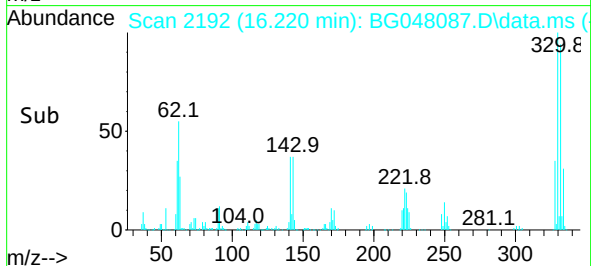


#67
4-Bromophenyl-phenylether
Concen: 4.10 ng
RT: 16.220 min Scan# 2192
Delta R.T. -0.454 min
Lab File: BG048087.D
Acq: 3 Feb 2021 11:30

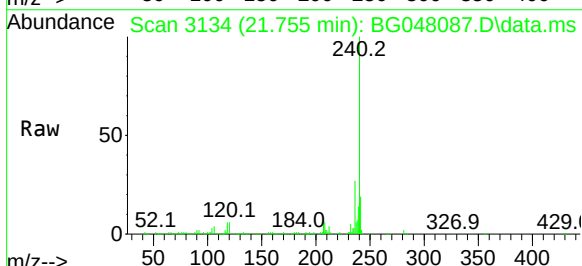
Instrument :
BNA_G
ClientSampled :
PB134433BL



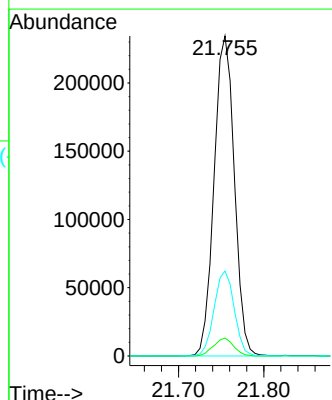
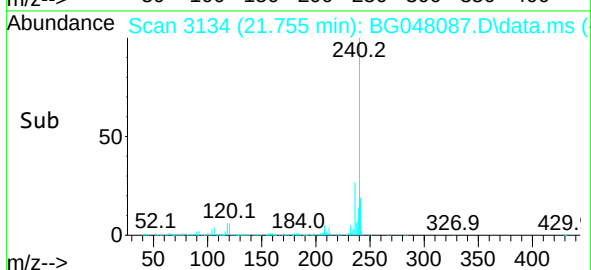
Tgt Ion:248 Resp: 20424
Ion Ratio Lower Upper
248 100
250 185.5 78.9 118.3#
141 478.5 46.2 69.4#

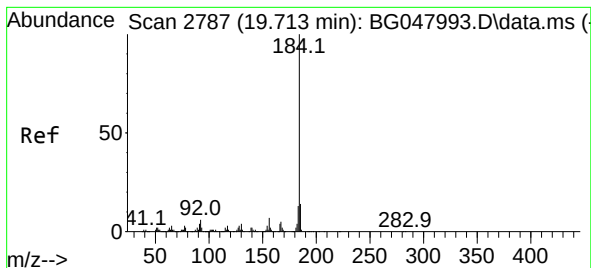


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.755 min Scan# 3134
Delta R.T. -0.008 min
Lab File: BG048087.D
Acq: 3 Feb 2021 11:30



Tgt Ion:240 Resp: 387195
Ion Ratio Lower Upper
240 100
120 5.6 6.2 9.4#
236 26.6 20.5 30.7





#77

Benzidine

Concen: 2.40 ng

RT: 20.080 min Scan# 2849

Delta R.T. 0.380 min

Lab File: BG048087.D

Acq: 3 Feb 2021 11:30

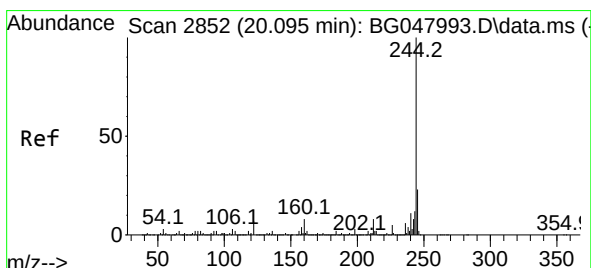
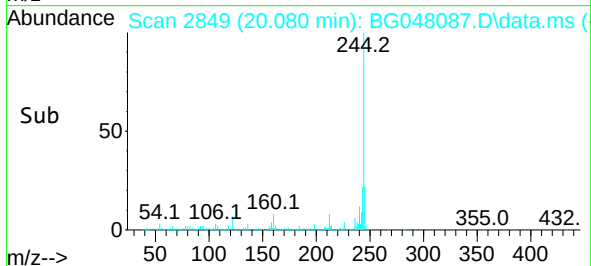
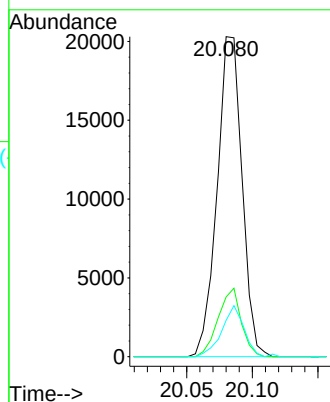
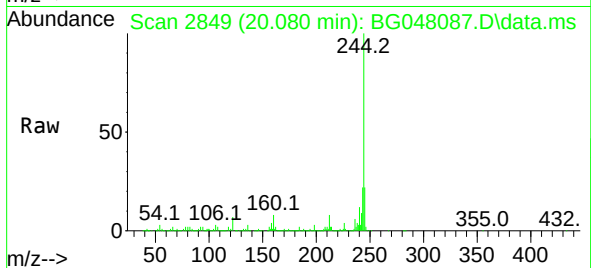
Tgt Ion:184 Resp: 26786

Ion Ratio Lower Upper

184 100

185 18.6 12.4 18.6#

183 11.4 10.6 15.8



#79

Terphenyl-d14

Concen: 67.95 ng

RT: 20.086 min Scan# 2850

Delta R.T. -0.002 min

Lab File: BG048087.D

Acq: 3 Feb 2021 11:30

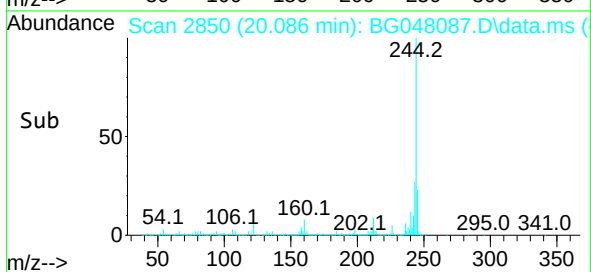
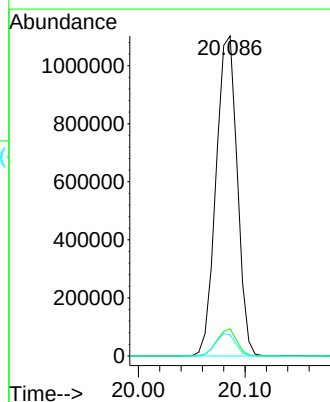
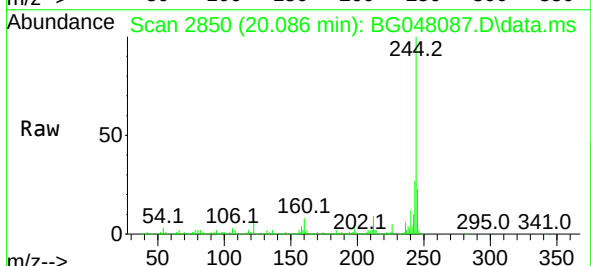
Tgt Ion:244 Resp: 1517369

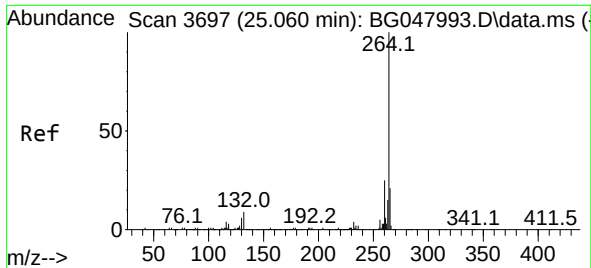
Ion Ratio Lower Upper

244 100

212 8.5 6.7 10.1

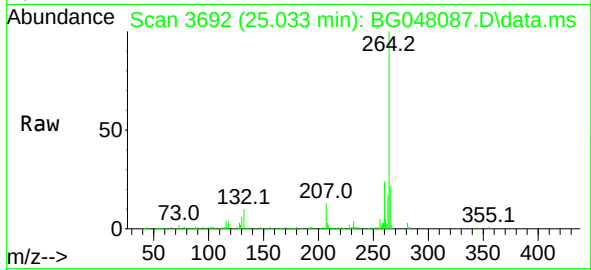
122 6.7 7.8 11.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.033 min Scan# 3692
 Delta R.T. -0.008 min
 Lab File: BG048087.D
 Acq: 3 Feb 2021 11:30

Instrument :
 BNA_G
 ClientSampleId :
 PB134433BL



Tgt Ion:	264	Resp:	378306
Ion Ratio	Lower	Upper	
264	100		
260	24.0	18.8	28.2
265	22.0	17.8	26.8

