

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042621\
 Data File : BG048876.D
 Acq On : 26 Apr 2021 13:27
 Operator : CG/JU
 Sample : PB135980BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB135980BL

Quant Time: Apr 26 14:05:54 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 26 13:36:49 2021
 Response via : Initial Calibration

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

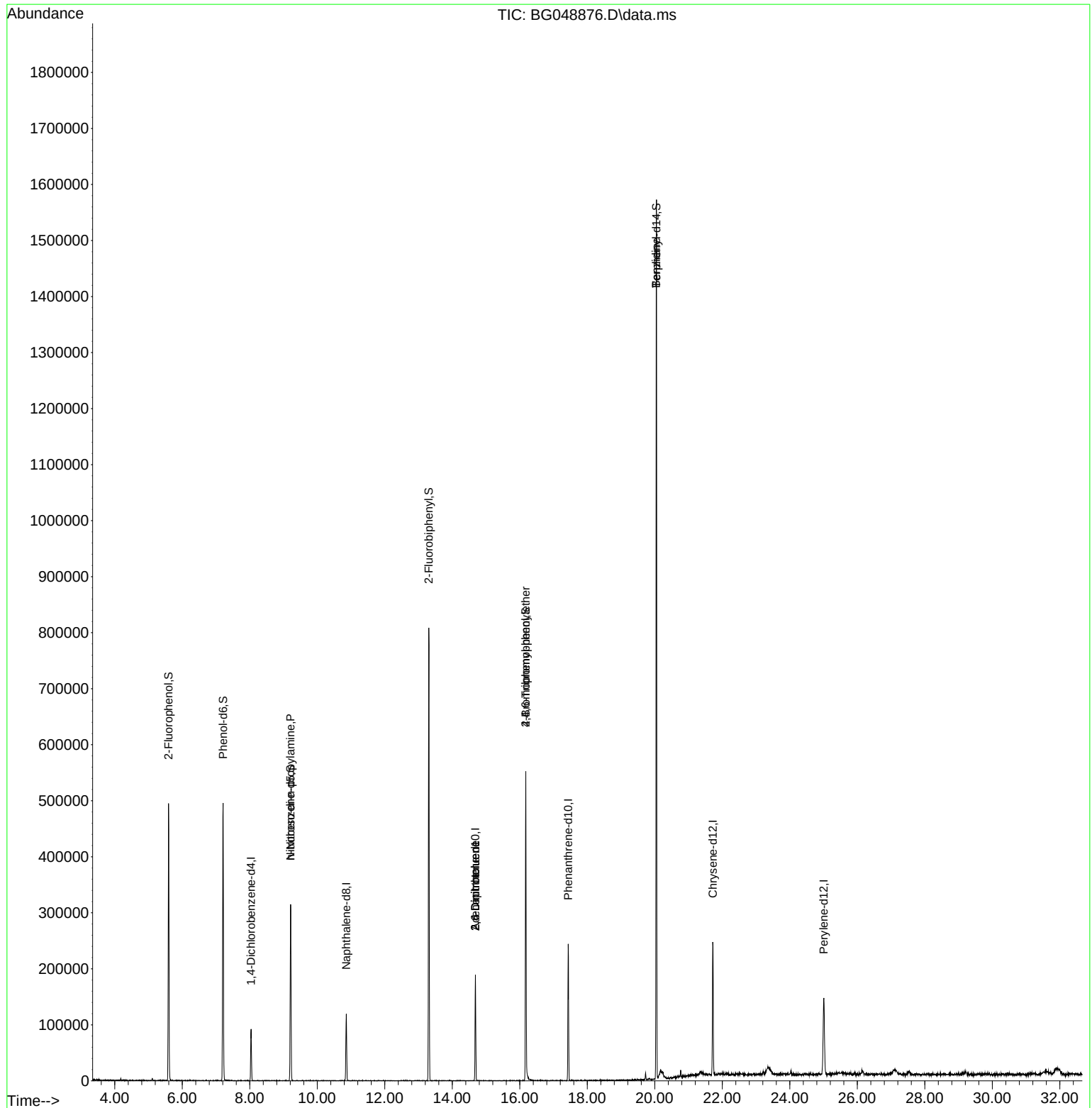
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.041	152	22317	20.00	ng	0.00
21) Naphthalene-d8	10.861	136	93373	20.00	ng	# 0.00
39) Acenaphthene-d10	14.686	164	62111	20.00	ng	0.00
64) Phenanthrene-d10	17.435	188	152658	20.00	ng	# 0.00
76) Chrysene-d12	21.719	240	146253	20.00	ng	0.00
86) Perylene-d12	25.009	264	140806	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.596	112	188482	141.25	ng	0.00
7) Phenol-d6	7.212	99	241673	128.05	ng	0.00
23) Nitrobenzene-d5	9.210	82	182217	87.37	ng	0.00
42) 2,4,6-Tribromophenol	16.178	330	90177	108.28	ng	0.00
45) 2-Fluorobiphenyl	13.305	172	396457	92.18	ng	0.00
79) Terphenyl-d14	20.050	244	720521	84.79	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.210	70	28050	22.03	ng	# 78
51) 2,6-Dinitrotoluene	14.686	165	8336	7.76	ng	# 12
57) 2,4-Dinitrotoluene	14.686	165	8336	5.34	ng	# 17
67) 4-Bromophenyl-phenylether	16.178	248	6749	3.84	ng	# 1
77) Benzidine	20.044	184	14562	3.67	ng	97

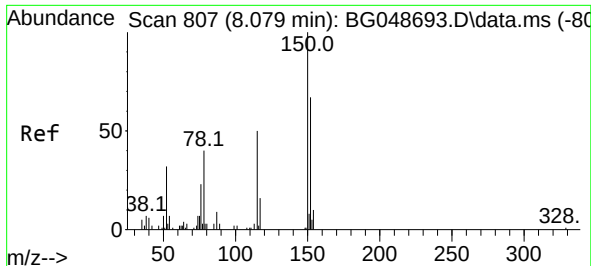
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 26 13:36:49 2021
Response via : Initial Calibration

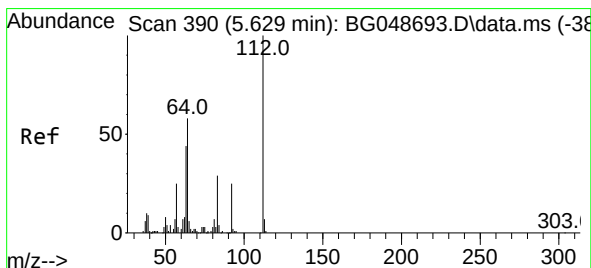
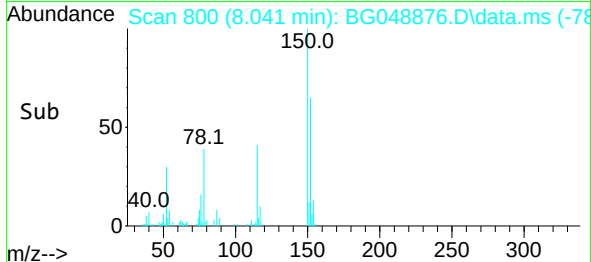
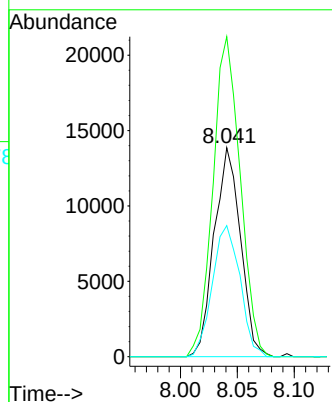
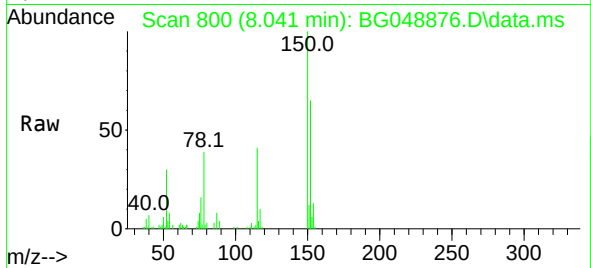




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.041 min Scan# 800
Delta R.T. -0.000 min
Lab File: BG048876.D
Acq: 26 Apr 2021 13:27

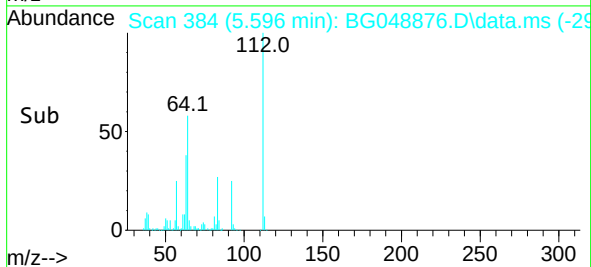
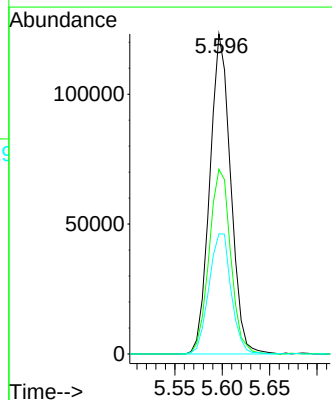
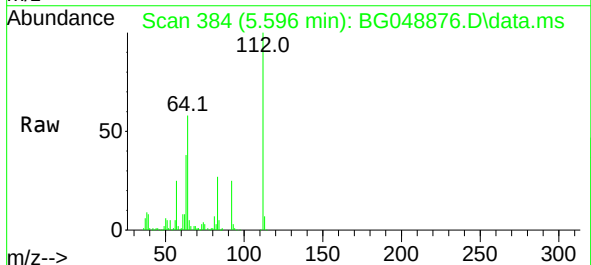
Instrument :
BNA_G
ClientSampleId :
PB135980BL

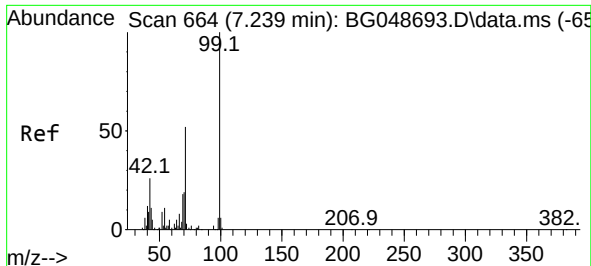
Tgt Ion:152 Resp: 22317
Ion Ratio Lower Upper
152 100
150 153.1 119.4 179.0
115 62.7 60.2 90.4



#5
2-Fluorophenol
Concen: 141.25 ng
RT: 5.596 min Scan# 384
Delta R.T. -0.000 min
Lab File: BG048876.D
Acq: 26 Apr 2021 13:27

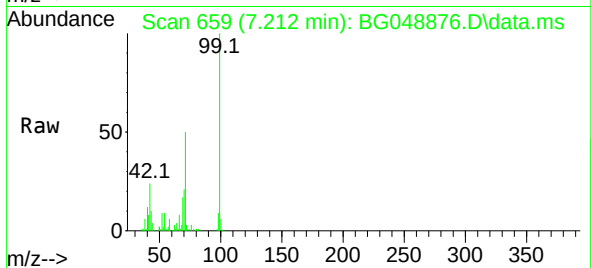
Tgt Ion:112 Resp: 188482
Ion Ratio Lower Upper
112 100
64 57.7 46.7 70.1
63 37.6 35.3 52.9



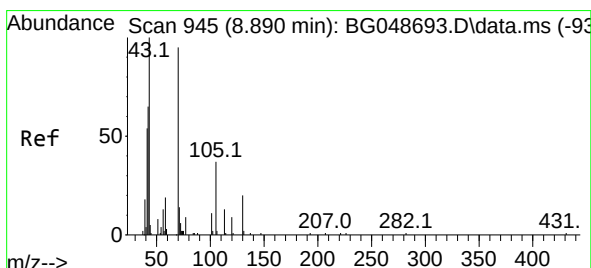
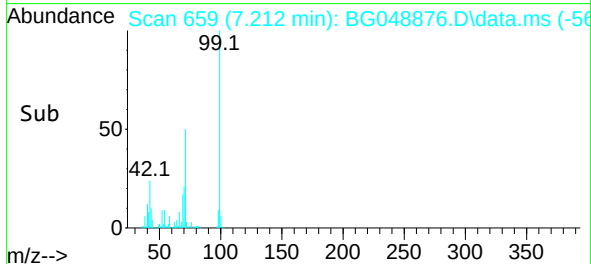
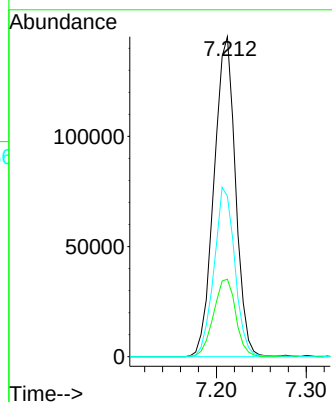


#7
Phenol-d6
Concen: 128.05 ng
RT: 7.212 min Scan# 659
Delta R.T. -0.000 min
Lab File: BG048876.D
Acq: 26 Apr 2021 13:27

Instrument :
BNA_G
ClientSampleId :
PB135980BL

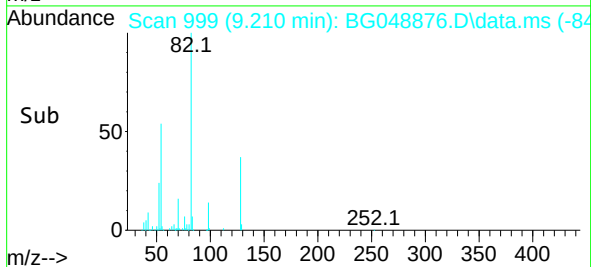
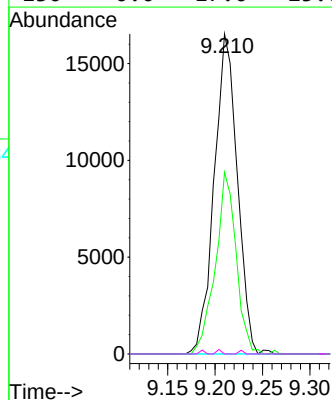
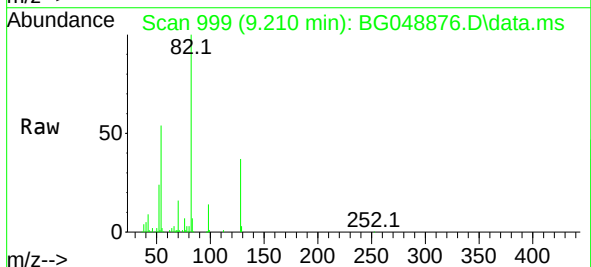


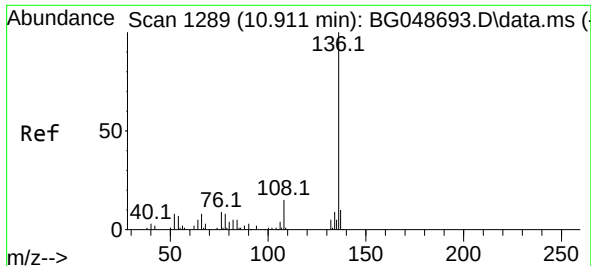
Tgt Ion: 99 Resp: 241673
Ion Ratio Lower Upper
99 100
42 24.2 20.5 30.7
71 50.1 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 22.03 ng
RT: 9.210 min Scan# 999
Delta R.T. 0.364 min
Lab File: BG048876.D
Acq: 26 Apr 2021 13:27

Tgt Ion: 70 Resp: 28050
Ion Ratio Lower Upper
70 100
42 56.8 54.5 81.7
101 0.0 9.0 13.6#
130 0.0 17.0 25.6#

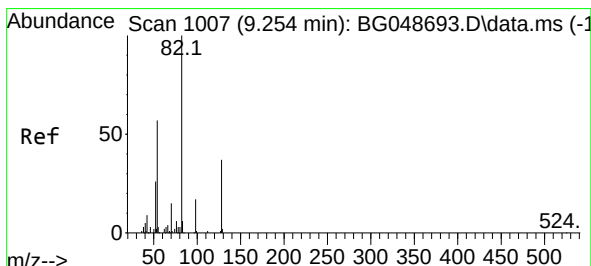
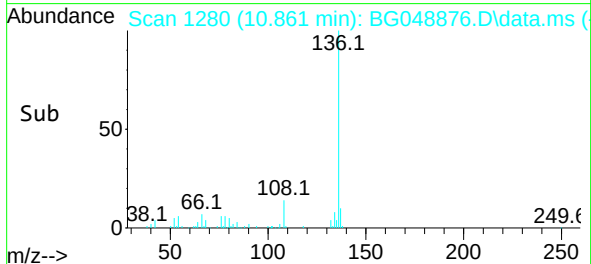
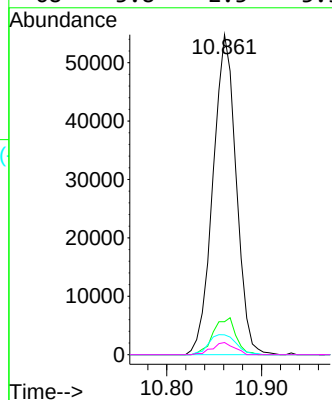
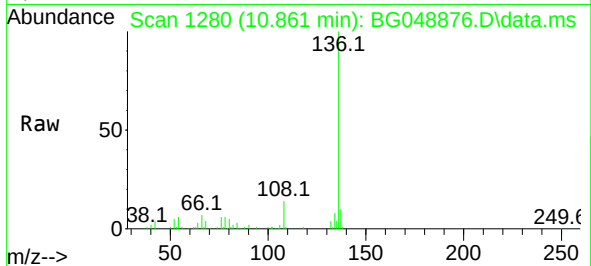




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.861 min Scan# 1280
Delta R.T. -0.000 min
Lab File: BG048876.D
Acq: 26 Apr 2021 13:27

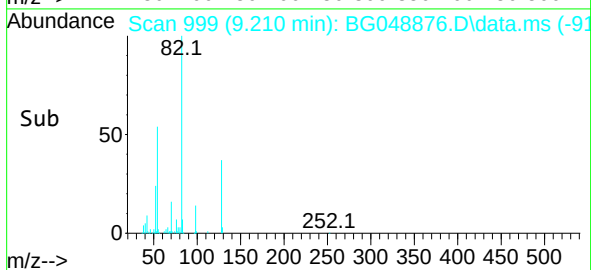
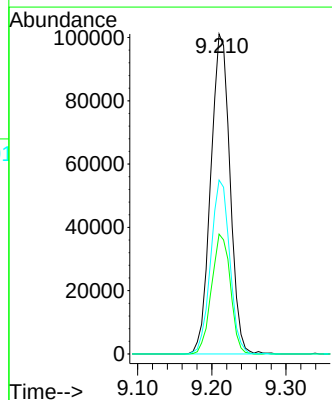
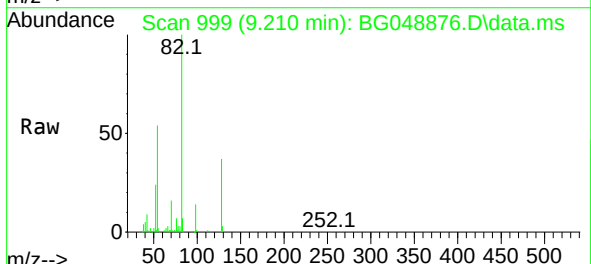
Instrument :
BNA_G
ClientSampleId :
PB135980BL

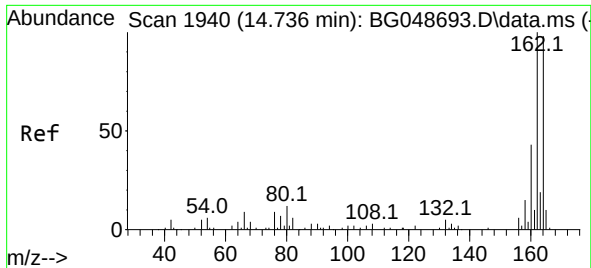
Tgt Ion:	136	Resp:	93373
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.2	12.2
54	6.2	5.5	8.3
68	3.8	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 87.37 ng
RT: 9.210 min Scan# 999
Delta R.T. -0.006 min
Lab File: BG048876.D
Acq: 26 Apr 2021 13:27

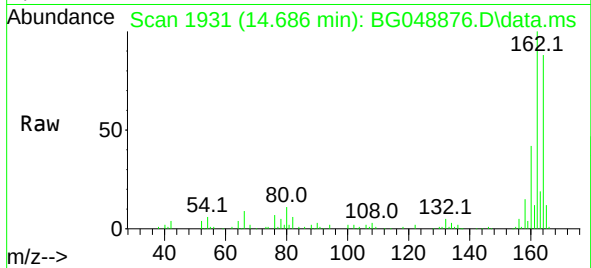
Tgt Ion:	82	Resp:	182217
Ion	Ratio	Lower	Upper
82	100		
128	37.4	29.8	44.6
54	54.4	45.8	68.8



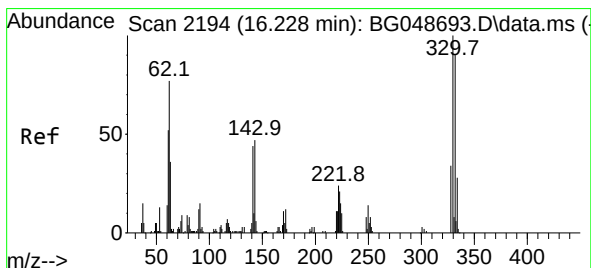
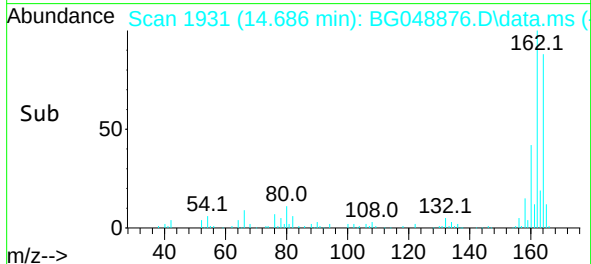
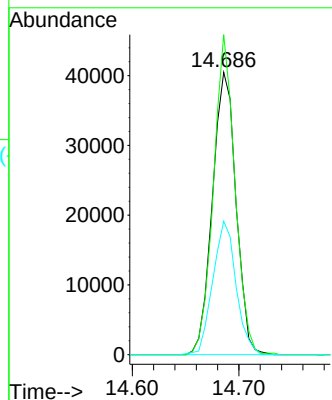


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.686 min Scan# 1931
Delta R.T. -0.000 min
Lab File: BG048876.D
Acq: 26 Apr 2021 13:27

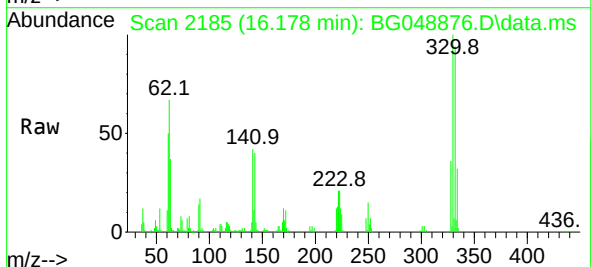
Instrument :
BNA_G
ClientSampleID :
PB135980BL



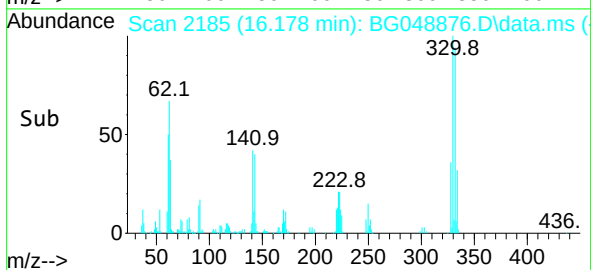
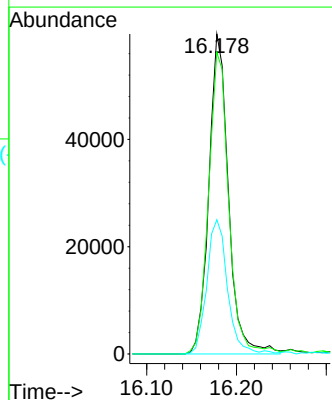
Tgt Ion:164 Resp: 62111
Ion Ratio Lower Upper
164 100
162 113.3 81.4 122.0
160 47.2 34.9 52.3

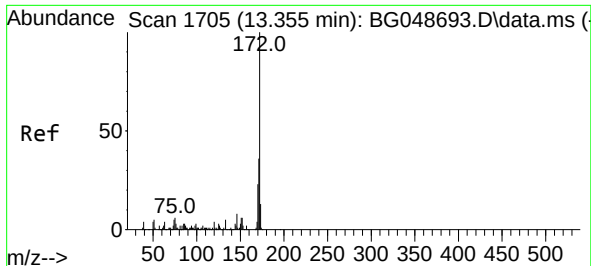


#42
2,4,6-Tribromophenol
Concen: 108.28 ng
RT: 16.178 min Scan# 2185
Delta R.T. -0.000 min
Lab File: BG048876.D
Acq: 26 Apr 2021 13:27



Tgt Ion:330 Resp: 90177
Ion Ratio Lower Upper
330 100
332 97.0 77.3 115.9
141 44.4 35.6 53.4

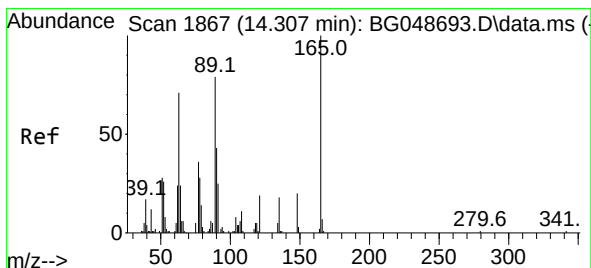
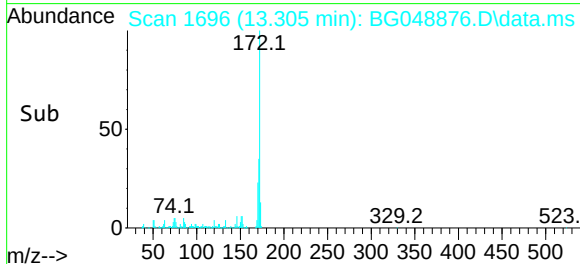
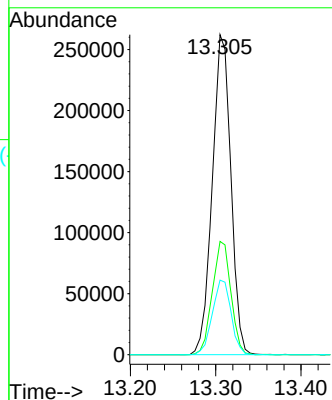
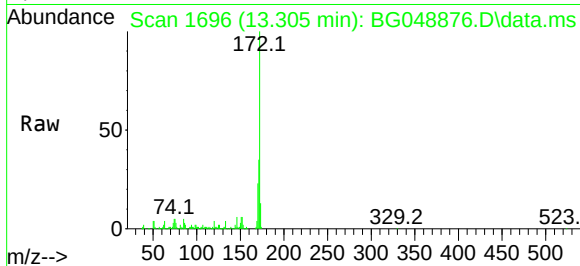




#45
2-Fluorobiphenyl
Concen: 92.18 ng
RT: 13.305 min Scan# 1696
Delta R.T. -0.000 min
Lab File: BG048876.D
Acq: 26 Apr 2021 13:27

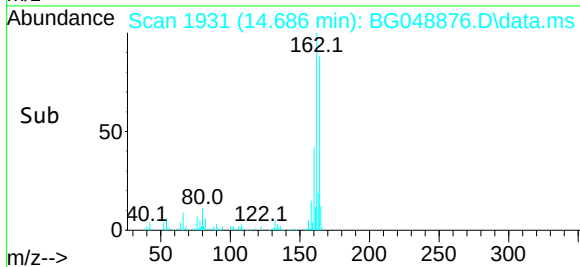
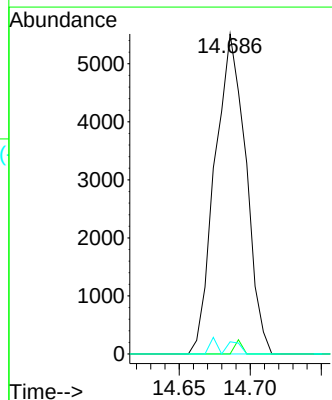
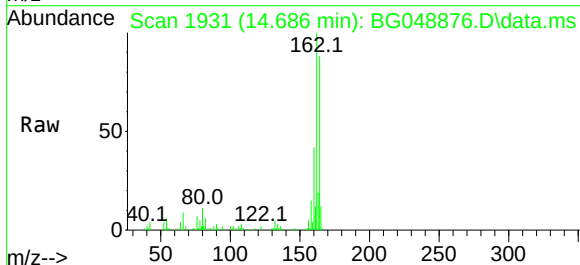
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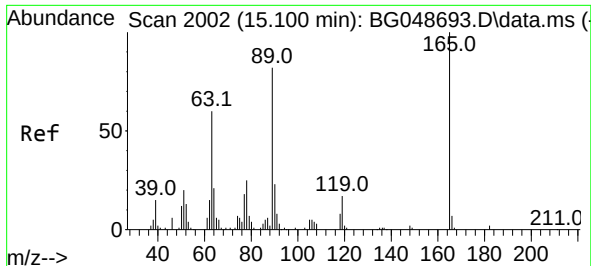
Tgt Ion:172 Resp: 396457
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 23.3 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.76 ng
RT: 14.686 min Scan# 1931
Delta R.T. 0.429 min
Lab File: BG048876.D
Acq: 26 Apr 2021 13:27

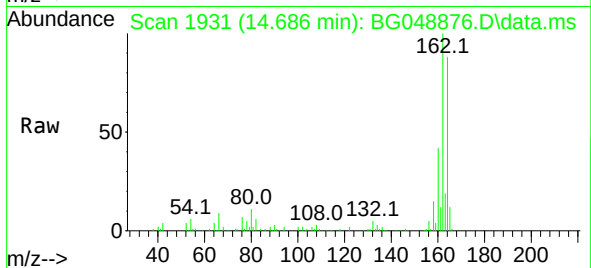
Tgt Ion:165 Resp: 8336
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 3.8 63.4 95.0#



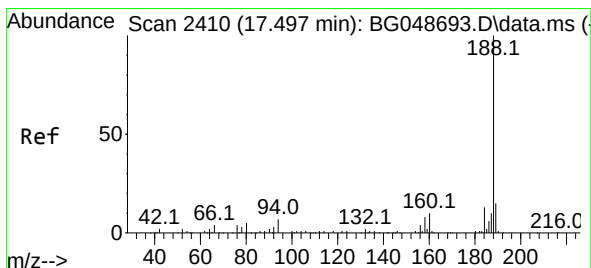
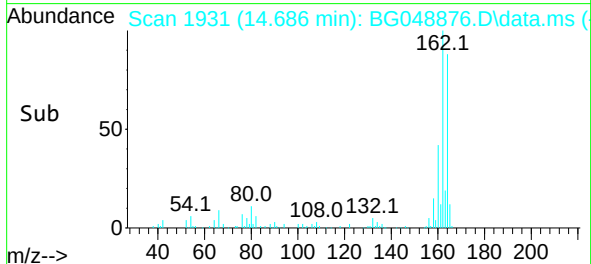
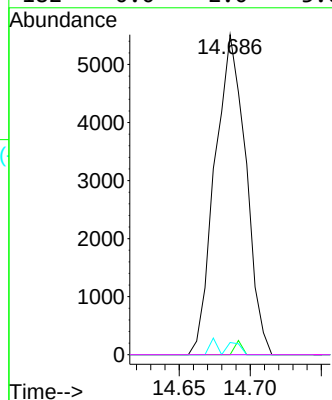


#57
2,4-Dinitrotoluene
Concen: 5.34 ng
RT: 14.686 min Scan# 1931
Delta R.T. -0.365 min
Lab File: BG048876.D
Acq: 26 Apr 2021 13:27

Instrument :
BNA_G
ClientSampleId :
PB135980BL

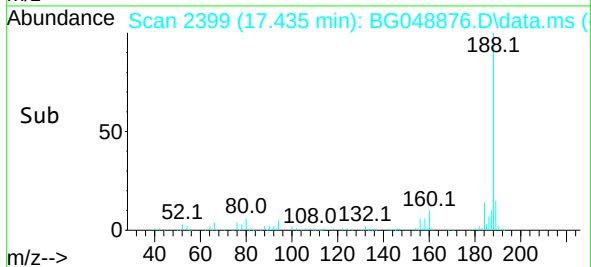
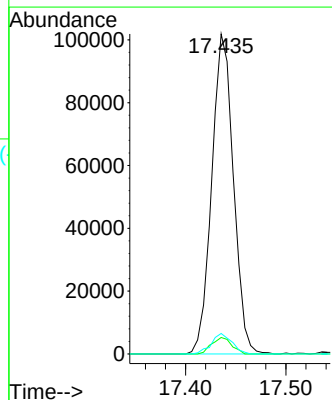
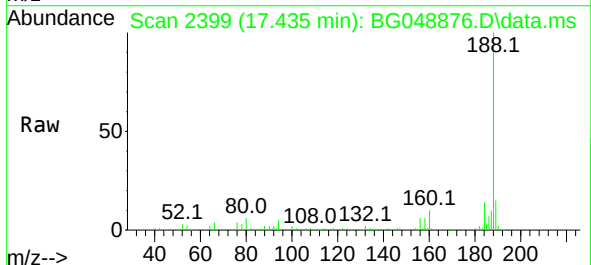


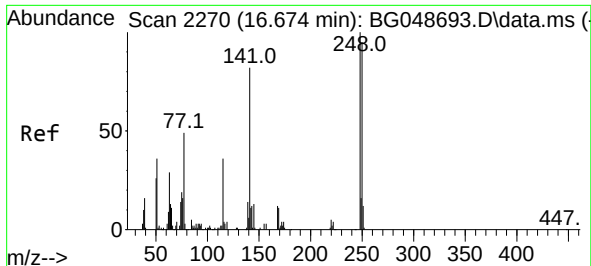
Tgt Ion:165 Resp: 8336
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 3.8 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.435 min Scan# 2399
Delta R.T. -0.000 min
Lab File: BG048876.D
Acq: 26 Apr 2021 13:27

Tgt Ion:188 Resp: 152658
Ion Ratio Lower Upper
188 100
94 5.2 5.4 8.0#
80 6.4 3.7 5.5#

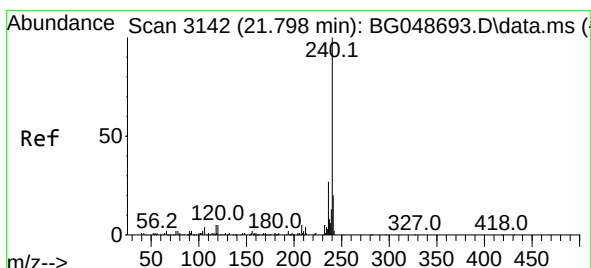
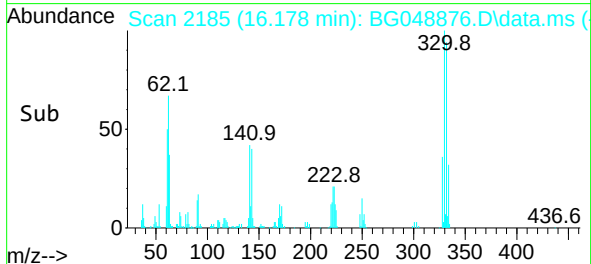
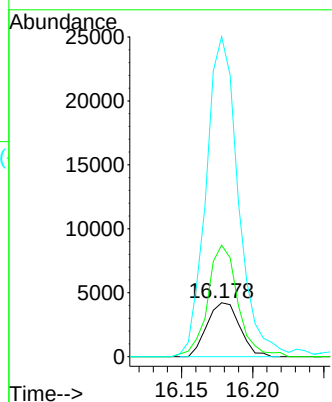
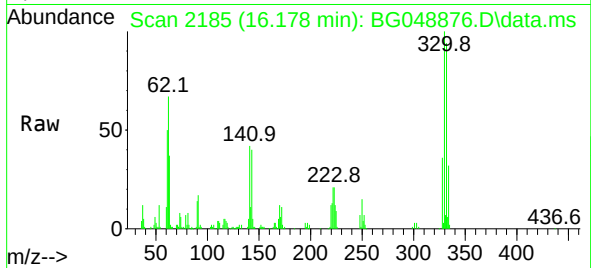




#67
4-Bromophenyl-phenylether
Concen: 3.84 ng
RT: 16.178 min Scan# 2185
Delta R.T. -0.441 min
Lab File: BG048876.D
Acq: 26 Apr 2021 13:27

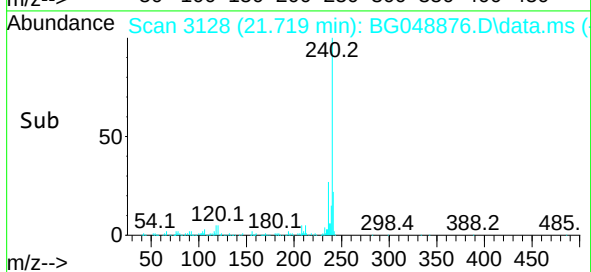
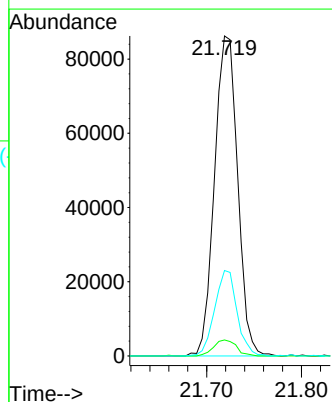
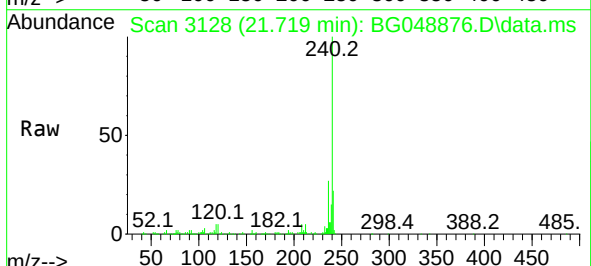
Instrument :
BNA_G
ClientSampleId :
PB135980BL

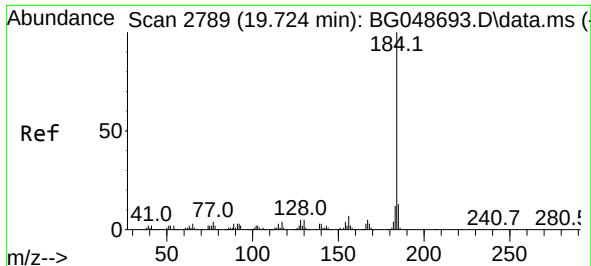
Tgt Ion:248 Resp: 6749
Ion Ratio Lower Upper
248 100
250 207.0 76.1 114.1#
141 594.1 65.4 98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.719 min Scan# 3128
Delta R.T. -0.006 min
Lab File: BG048876.D
Acq: 26 Apr 2021 13:27

Tgt Ion:240 Resp: 146253
Ion Ratio Lower Upper
240 100
120 5.0 4.2 6.2
236 26.7 21.8 32.6

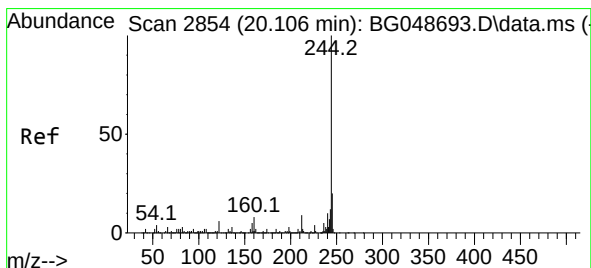
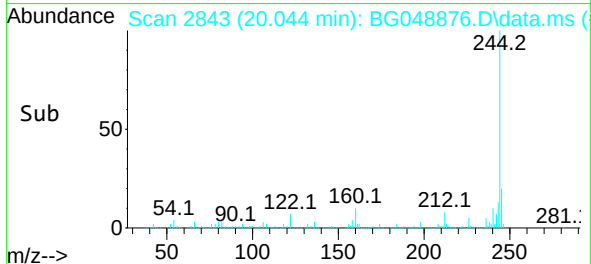
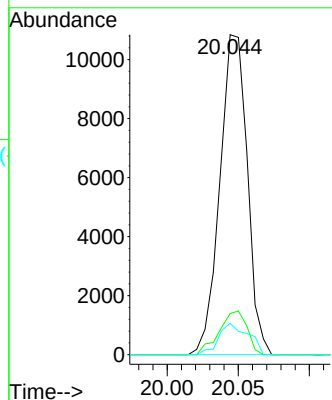
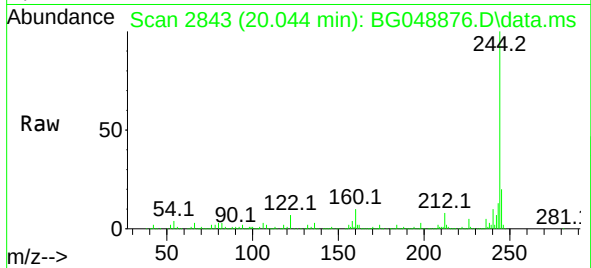




#77
Benzidine
Concen: 3.67 ng
RT: 20.044 min Scan# 2843
Delta R.T. 0.376 min
Lab File: BG048876.D
Acq: 26 Apr 2021 13:27

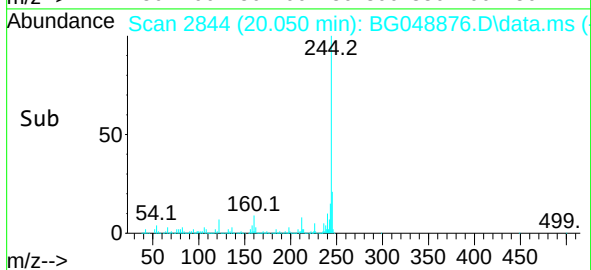
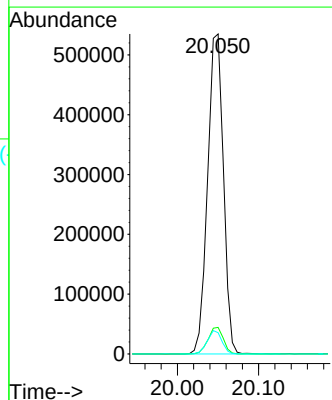
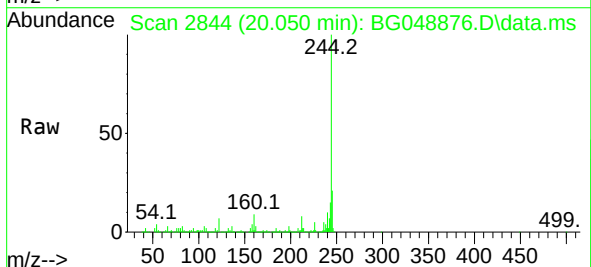
Instrument :
BNA_G
ClientSampleId :
PB135980BL

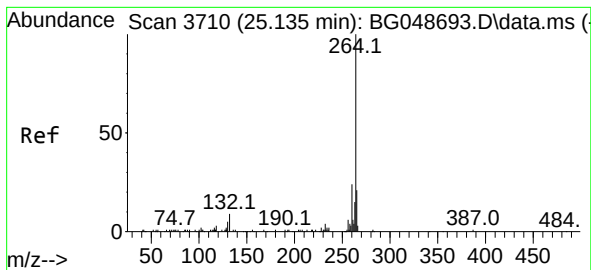
Tgt Ion:184 Resp: 14562
Ion Ratio Lower Upper
184 100
185 12.9 10.7 16.1
183 9.8 9.4 14.0



#79
Terphenyl-d14
Concen: 84.79 ng
RT: 20.050 min Scan# 2844
Delta R.T. 0.006 min
Lab File: BG048876.D
Acq: 26 Apr 2021 13:27

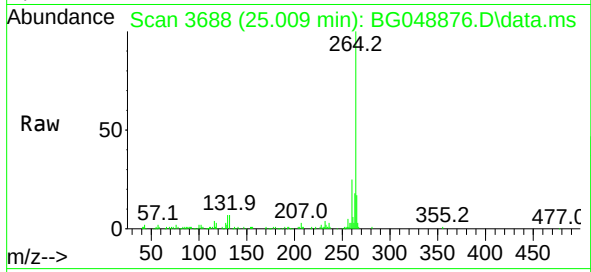
Tgt Ion:244 Resp: 720521
Ion Ratio Lower Upper
244 100
212 8.3 6.9 10.3
122 6.6 5.0 7.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.009 min Scan# 3688
 Delta R.T. -0.000 min
 Lab File: BG048876.D
 Acq: 26 Apr 2021 13:27

Instrument :
 BNA_G
 ClientSampleId :
 PB135980BL



Tgt Ion:	264	Resp:	140806
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.4	29.2
265	17.4	16.9	25.3

