

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090222\
 Data File : BG054835.D
 Acq On : 2 Sep 2022 11:21
 Operator : CG/JU
 Sample : PB147356BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB147356BL

Quant Time: Sep 03 00:24:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 17:50:55 2022
 Response via : Initial Calibration

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

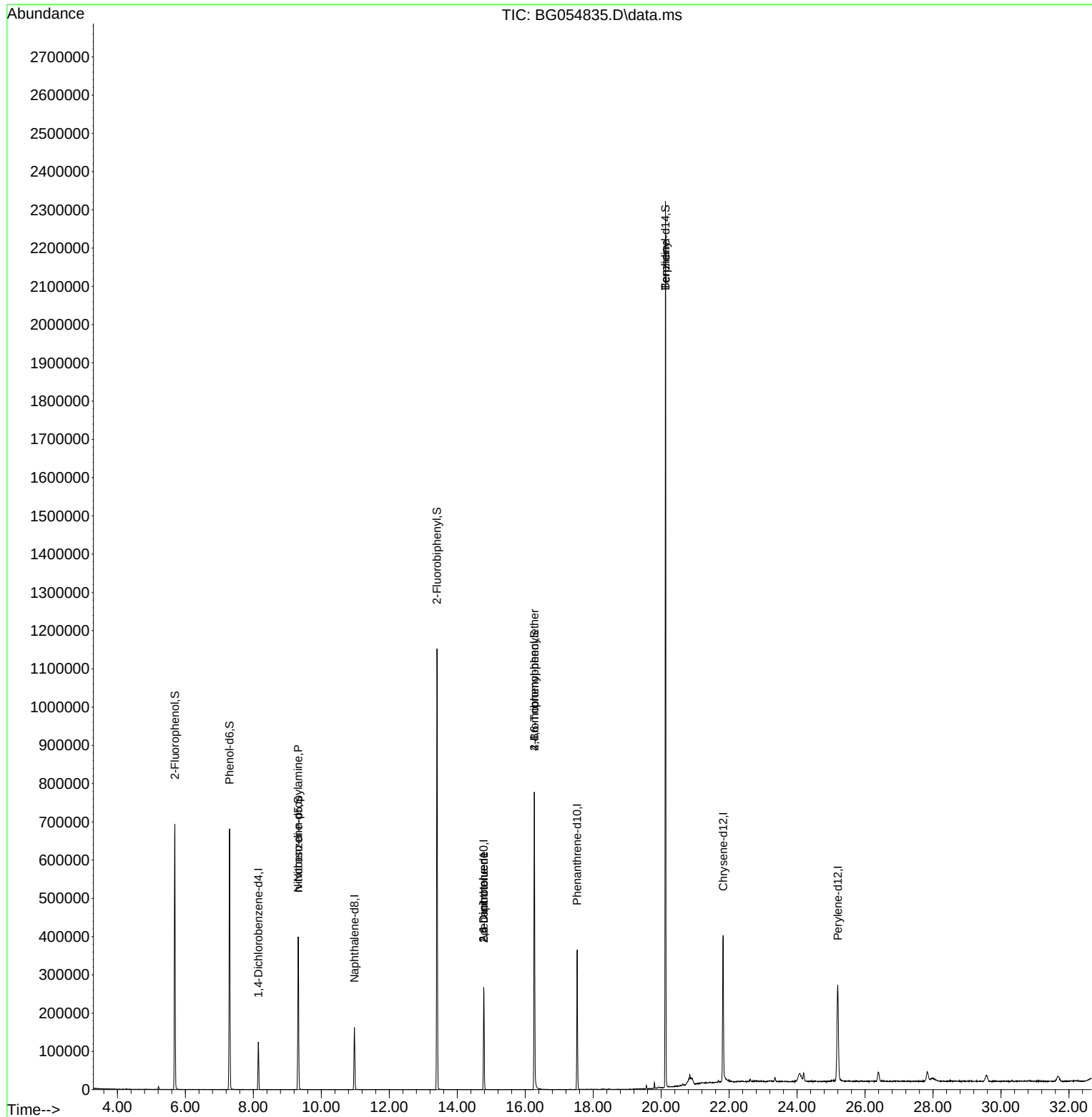
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.147	152	38558	20.000	ng	0.00
21) Naphthalene-d8	10.973	136	151267	20.000	ng	0.00
39) Acenaphthene-d10	14.780	164	101996	20.000	ng	0.00
64) Phenanthrene-d10	17.530	188	247276	20.000	ng	0.00
76) Chrysene-d12	21.825	240	254189	20.000	ng	0.00
86) Perylene-d12	25.197	264	264645	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.691	112	324888	146.726	ng	0.00
7) Phenol-d6	7.301	99	424307	140.120	ng	0.00
23) Nitrobenzene-d5	9.322	82	255707	88.742	ng	0.00
42) 2,4,6-Tribromophenol	16.273	330	190060	149.124	ng	0.00
45) 2-Fluorobiphenyl	13.405	172	627540	92.474	ng	0.00
79) Terphenyl-d14	20.127	244	1193173	93.007	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.322	70	31735	15.240	ng	# 80
51) 2,6-Dinitrotoluene	14.780	165	13228	8.230	ng	# 20
57) 2,4-Dinitrotoluene	14.780	165	13228	5.950	ng	# 18
67) 4-Bromophenyl-phenylether	16.273	248	11672	4.299	ng	# 1
77) Benzidine	20.127	184	17781	2.824	ng	# 89

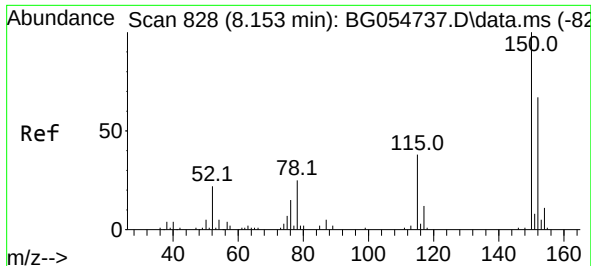
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090222\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 25 17:50:55 2022
Response via : Initial Calibration

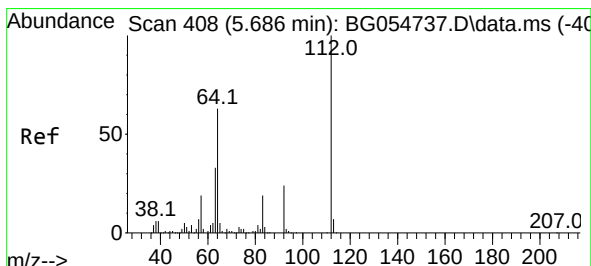
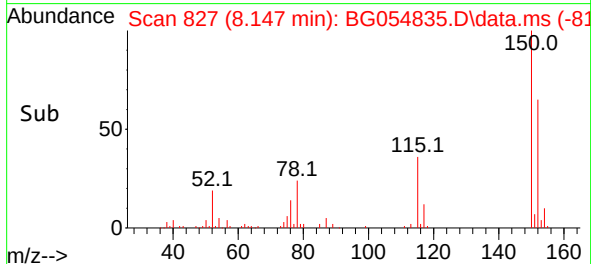
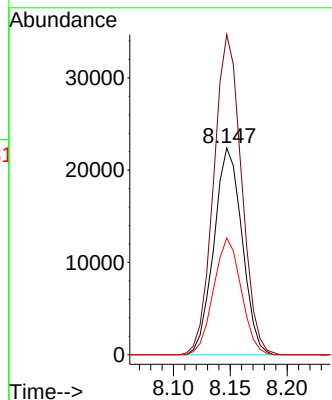
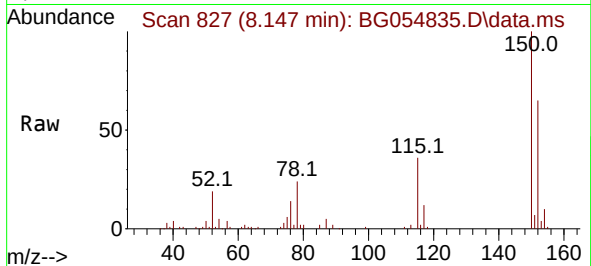




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.147 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG054835.D
Acq: 2 Sep 2022 11:21

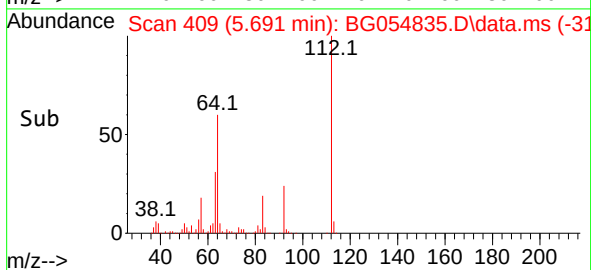
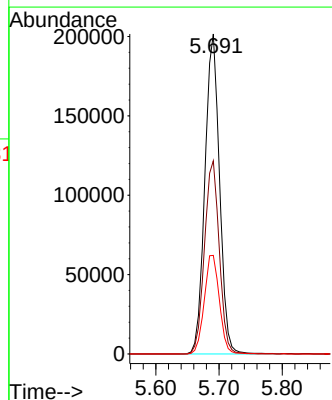
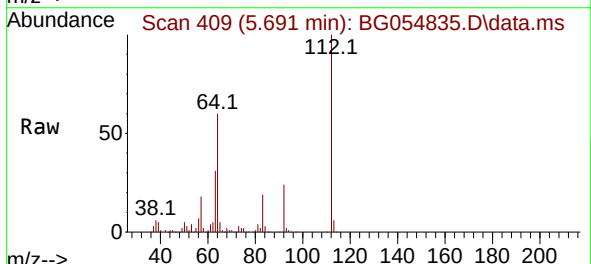
Instrument :
BNA_G
ClientSampleId :
PB147356BL

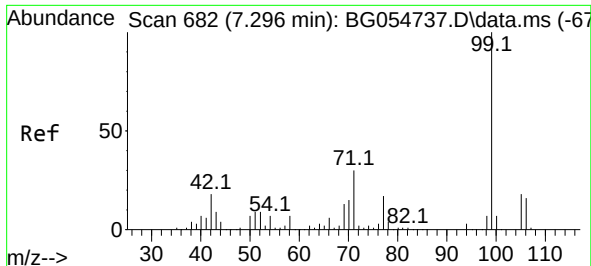
Tgt Ion:152 Resp: 38558
Ion Ratio Lower Upper
152 100
150 154.8 125.2 187.8
115 56.4 47.9 71.9



#5
2-Fluorophenol
Concen: 146.726 ng
RT: 5.691 min Scan# 409
Delta R.T. 0.005 min
Lab File: BG054835.D
Acq: 2 Sep 2022 11:21

Tgt Ion:112 Resp: 324888
Ion Ratio Lower Upper
112 100
64 60.4 49.3 73.9
63 30.8 26.3 39.5

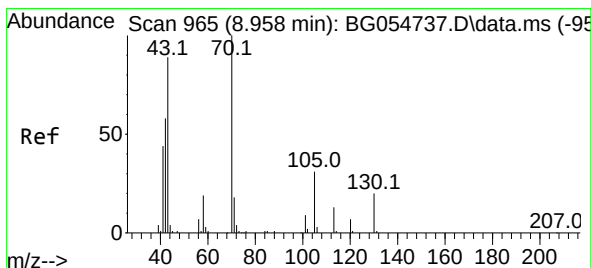
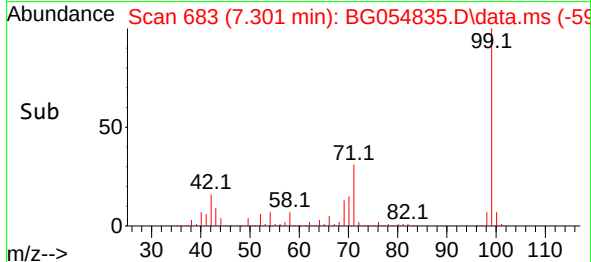
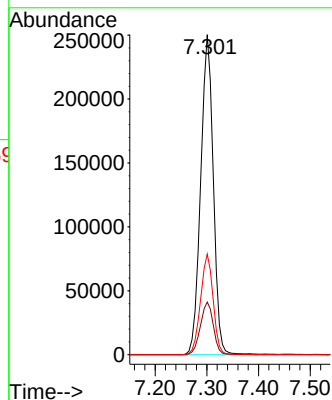
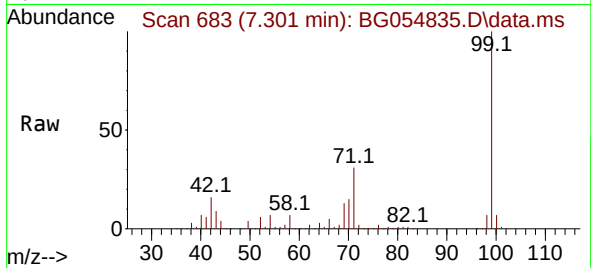




#7
Phenol-d6
Concen: 140.120 ng
RT: 7.301 min Scan# 61
Delta R.T. 0.005 min
Lab File: BG054835.D
Acq: 2 Sep 2022 11:21

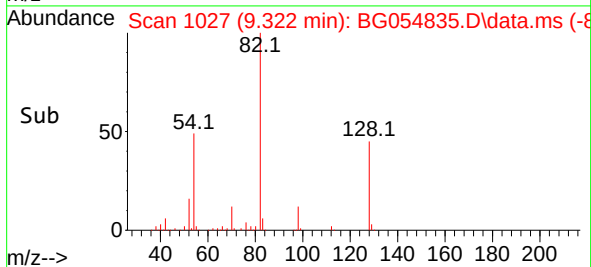
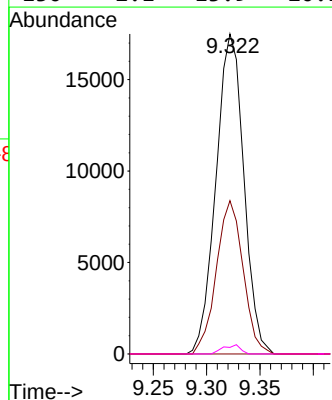
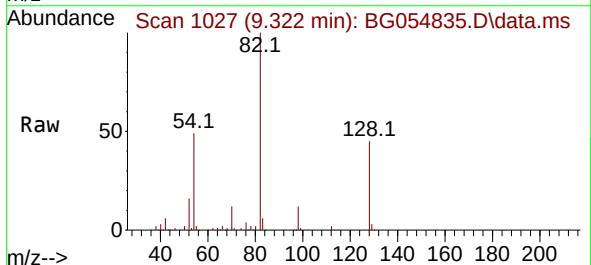
Instrument :
BNA_G
ClientSampleId :
PB147356BL

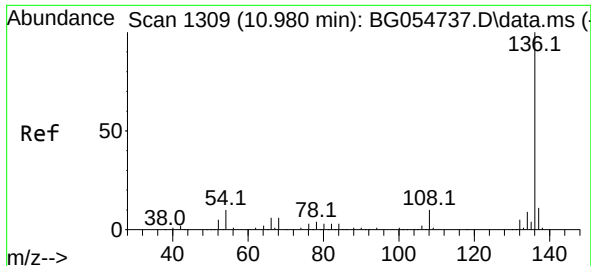
Tgt Ion: 99 Resp: 424307
Ion Ratio Lower Upper
99 100
42 16.5 14.6 22.0
71 31.5 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 15.240 ng
RT: 9.322 min Scan# 1027
Delta R.T. 0.363 min
Lab File: BG054835.D
Acq: 2 Sep 2022 11:21

Tgt Ion: 70 Resp: 31735
Ion Ratio Lower Upper
70 100
42 47.9 46.6 69.8
101 0.0 7.7 11.5#
130 2.1 13.9 20.9#

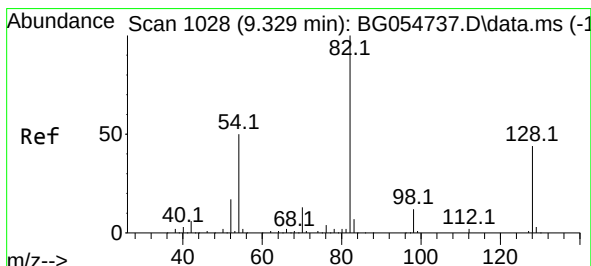
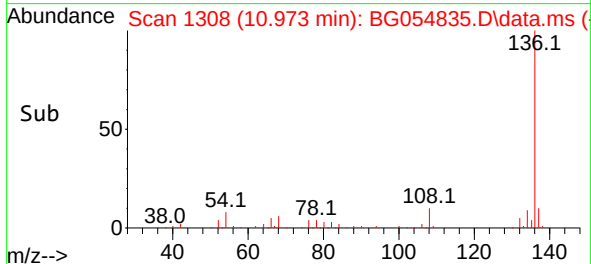
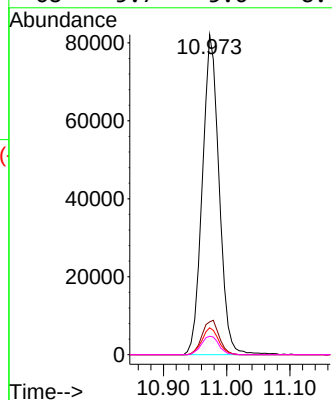
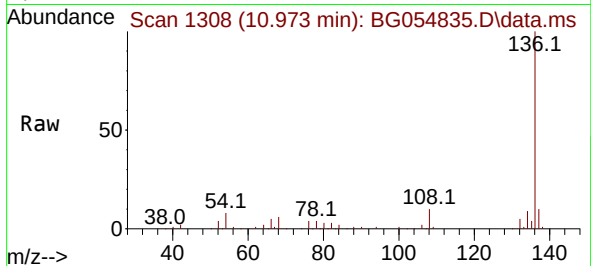




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.973 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG054835.D
Acq: 2 Sep 2022 11:21

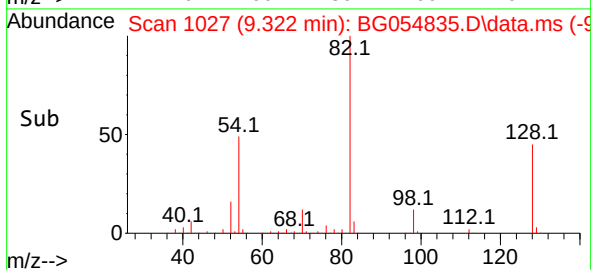
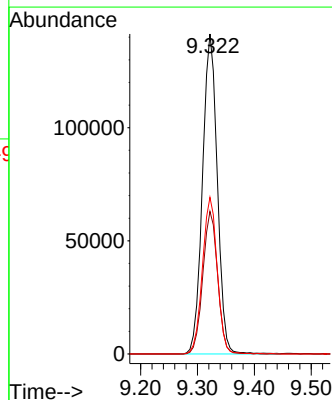
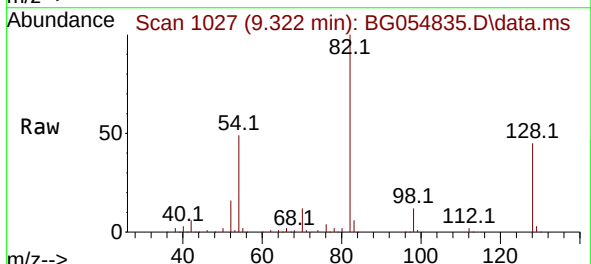
Instrument :
BNA_G
ClientSampleId :
PB147356BL

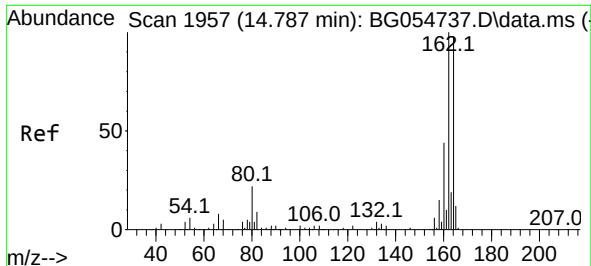
Tgt Ion:	136	Resp:	151267
Ion Ratio	Lower	Upper	
136	100		
137	10.3	9.2	13.8
54	8.4	7.7	11.5
68	5.7	5.6	8.4



#23
Nitrobenzene-d5
Concen: 88.742 ng
RT: 9.322 min Scan# 1027
Delta R.T. -0.007 min
Lab File: BG054835.D
Acq: 2 Sep 2022 11:21

Tgt Ion:	82	Resp:	255707
Ion Ratio	Lower	Upper	
82	100		
128	44.5	32.2	48.2
54	48.9	41.4	62.0

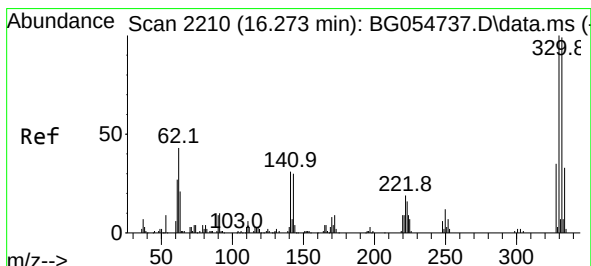
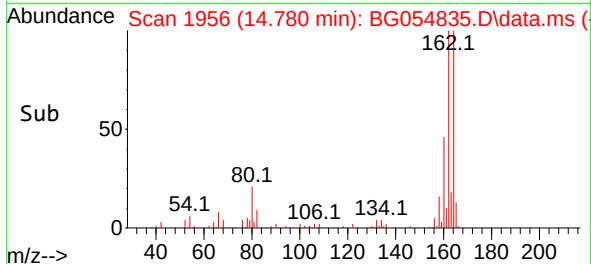
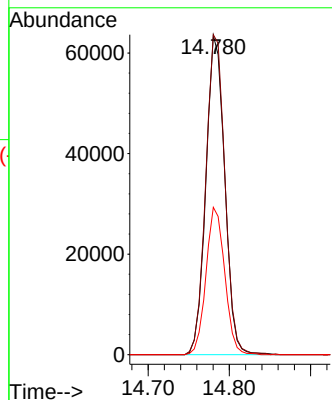
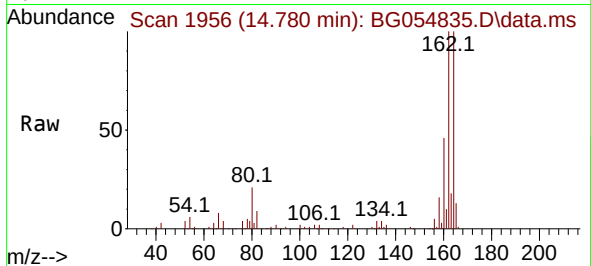




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.780 min Scan# 1956
Delta R.T. -0.007 min
Lab File: BG054835.D
Acq: 2 Sep 2022 11:21

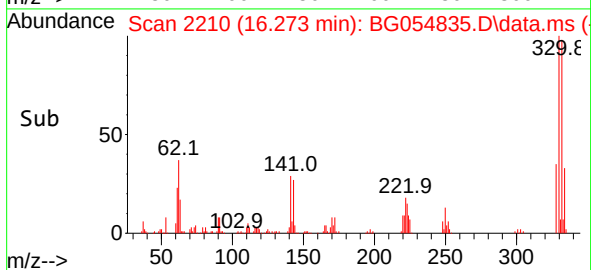
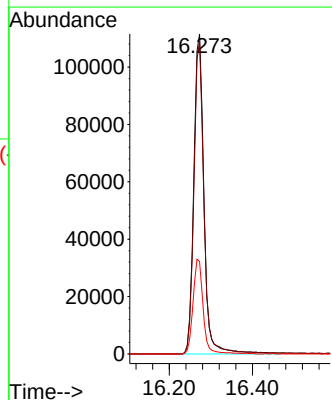
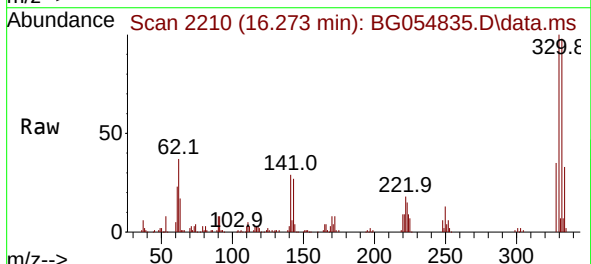
Instrument :
BNA_G
ClientSampleId :
PB147356BL

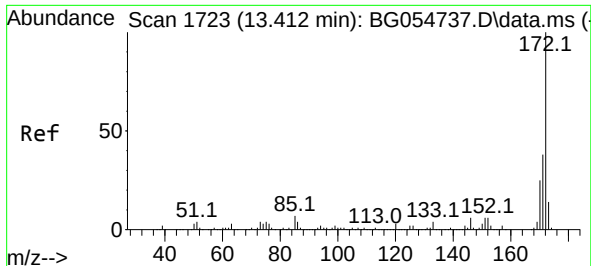
Tgt Ion:164 Resp: 101996
Ion Ratio Lower Upper
164 100
162 100.2 83.0 124.4
160 46.1 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 149.124 ng
RT: 16.273 min Scan# 2210
Delta R.T. -0.001 min
Lab File: BG054835.D
Acq: 2 Sep 2022 11:21

Tgt Ion:330 Resp: 190060
Ion Ratio Lower Upper
330 100
332 95.0 79.8 119.6
141 29.2 26.8 40.2

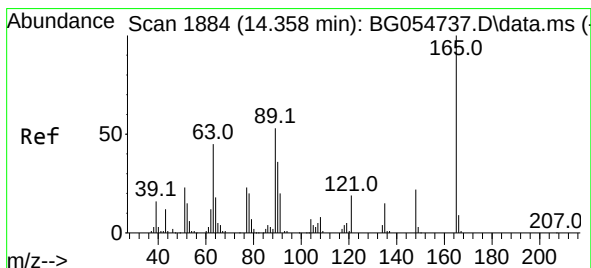
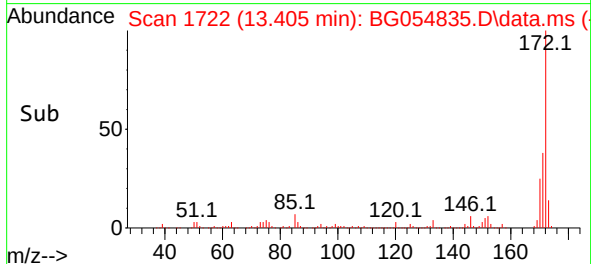
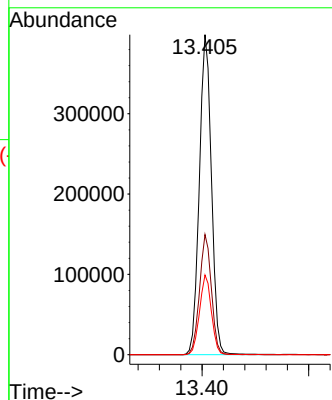
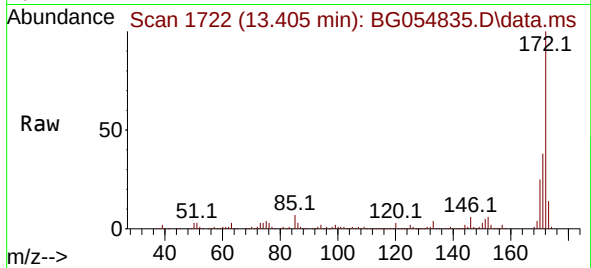




#45
2-Fluorobiphenyl
Concen: 92.474 ng
RT: 13.405 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG054835.D
Acq: 2 Sep 2022 11:21

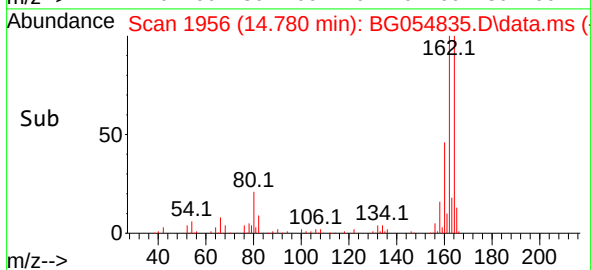
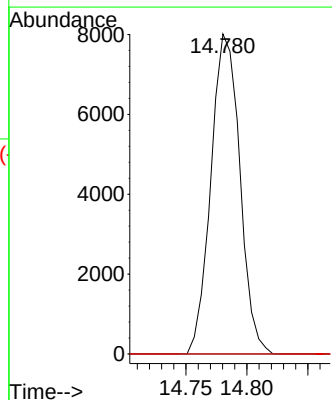
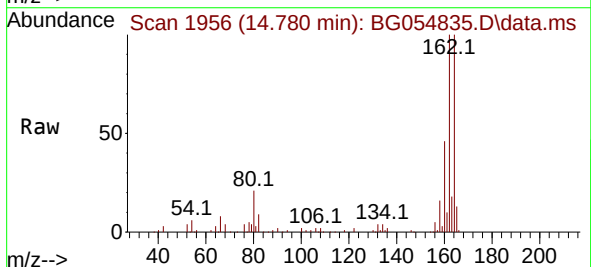
Instrument :
BNA_G
ClientSampleId :
PB147356BL

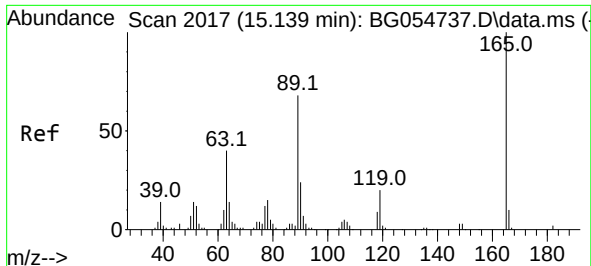
Tgt Ion:172 Resp: 627540
Ion Ratio Lower Upper
172 100
171 37.5 31.2 46.8
170 24.9 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 8.230 ng
RT: 14.780 min Scan# 1956
Delta R.T. 0.422 min
Lab File: BG054835.D
Acq: 2 Sep 2022 11:21

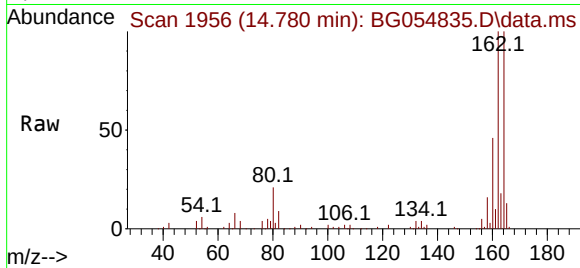
Tgt Ion:165 Resp: 13228
Ion Ratio Lower Upper
165 100
63 0.0 46.0 69.0#
89 0.0 50.3 75.5#



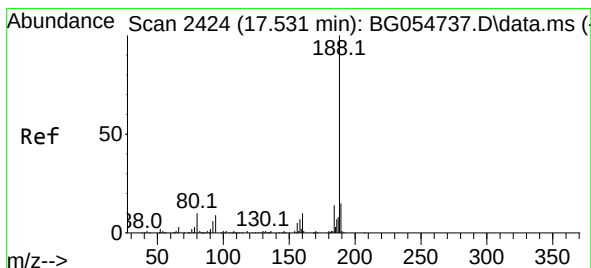
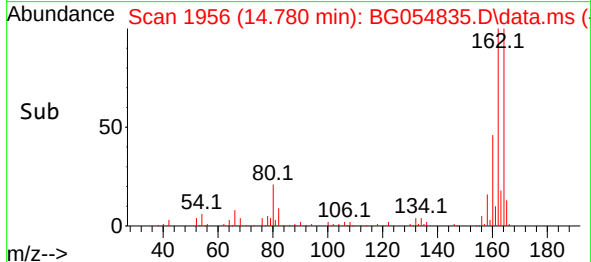
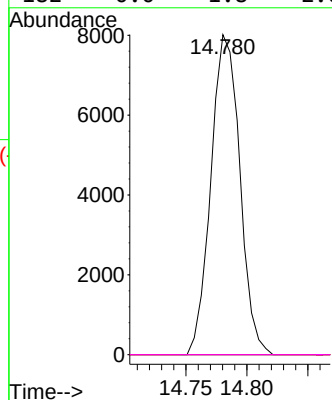


#57
2,4-Dinitrotoluene
Concen: 5.950 ng
RT: 14.780 min Scan# 1956
Delta R.T. -0.359 min
Lab File: BG054835.D
Acq: 2 Sep 2022 11:21

Instrument :
BNA_G
ClientSampleId :
PB147356BL

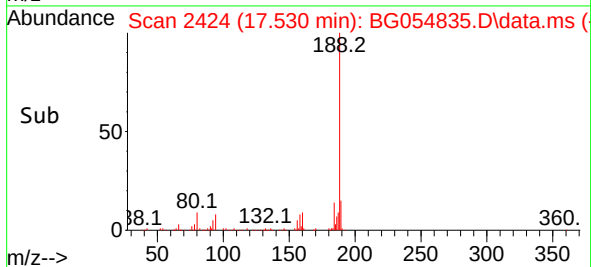
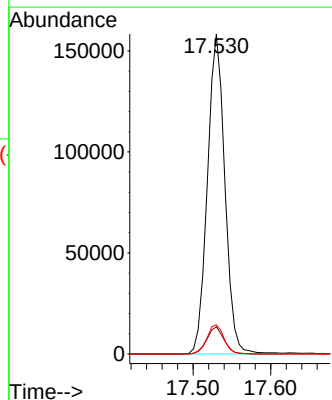
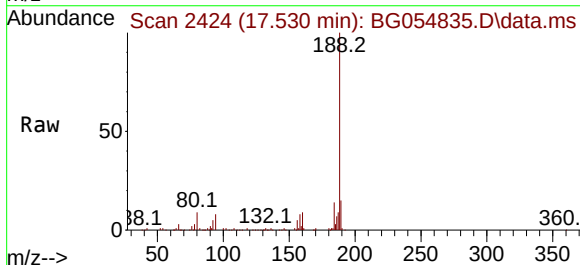


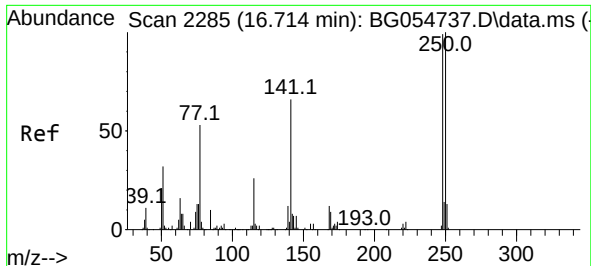
Tgt Ion:165 Resp: 13228
Ion Ratio Lower Upper
165 100
63 0.0 36.8 55.2#
89 0.0 64.3 96.5#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.530 min Scan# 2424
Delta R.T. -0.001 min
Lab File: BG054835.D
Acq: 2 Sep 2022 11:21

Tgt Ion:188 Resp: 247276
Ion Ratio Lower Upper
188 100
94 8.5 7.0 10.4
80 9.1 7.9 11.9

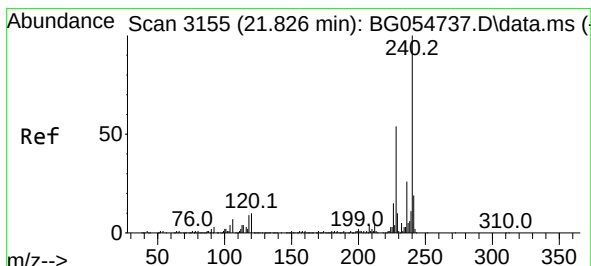
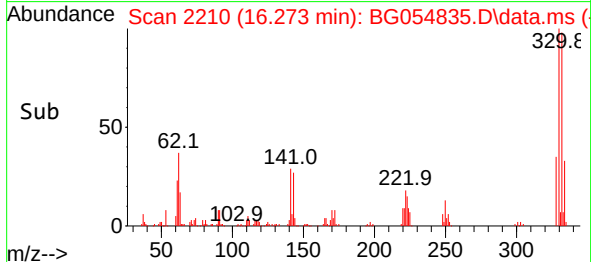
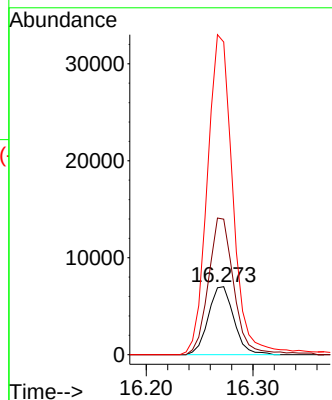
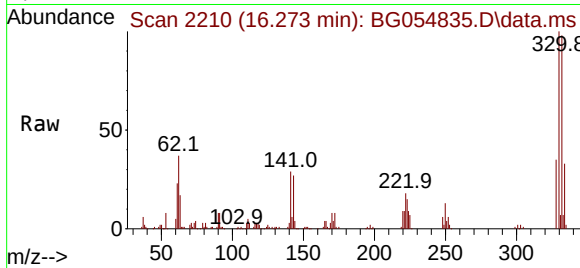




#67
4-Bromophenyl-phenylether
Concen: 4.299 ng
RT: 16.273 min Scan# 211
Delta R.T. -0.441 min
Lab File: BG054835.D
Acq: 2 Sep 2022 11:21

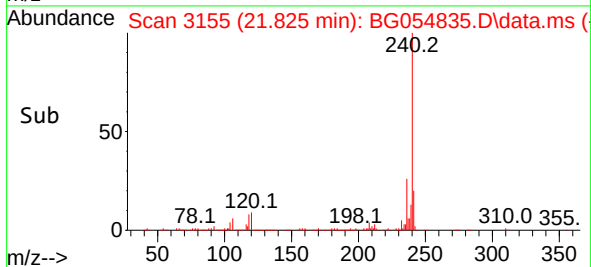
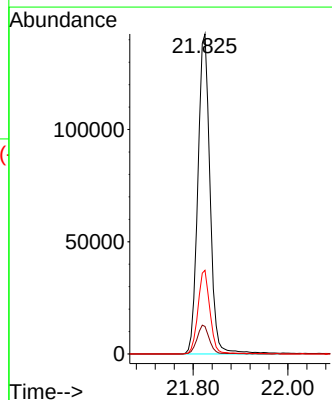
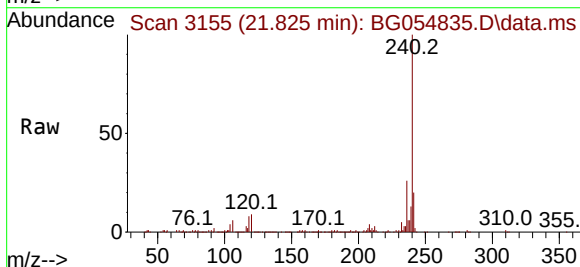
Instrument :
BNA_G
ClientSampleId :
PB147356BL

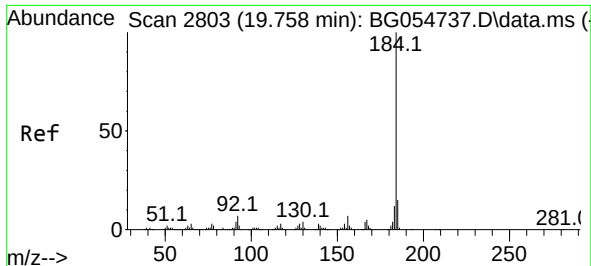
Tgt Ion:248 Resp: 11672
Ion Ratio Lower Upper
248 100
250 199.2 78.8 118.2#
141 459.4 51.9 77.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.825 min Scan# 3155
Delta R.T. -0.001 min
Lab File: BG054835.D
Acq: 2 Sep 2022 11:21

Tgt Ion:240 Resp: 254189
Ion Ratio Lower Upper
240 100
120 8.6 8.2 12.4
236 26.2 21.2 31.8

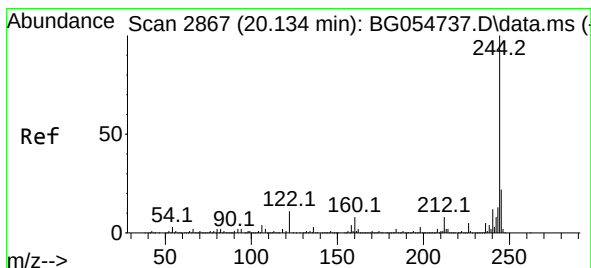
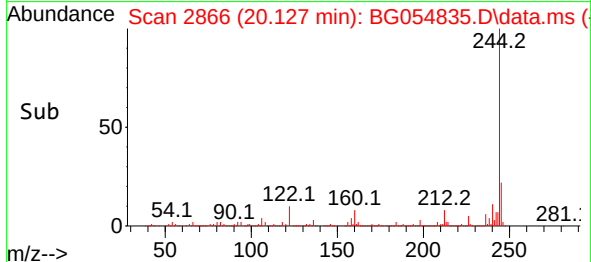
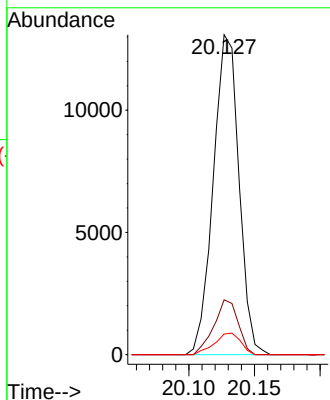
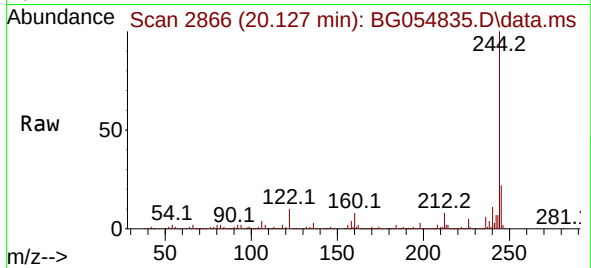




#77
Benzidine
Concen: 2.824 ng
RT: 20.127 min Scan# 2866
Delta R.T. 0.369 min
Lab File: BG054835.D
Acq: 2 Sep 2022 11:21

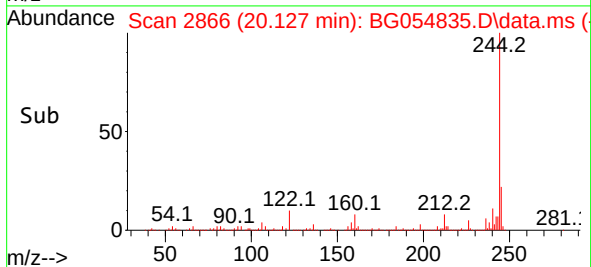
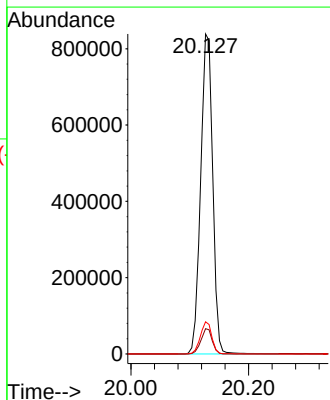
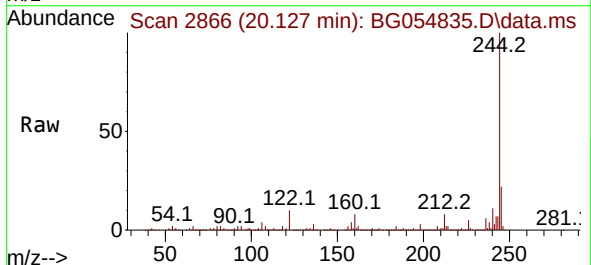
Instrument :
BNA_G
ClientSampleId :
PB147356BL

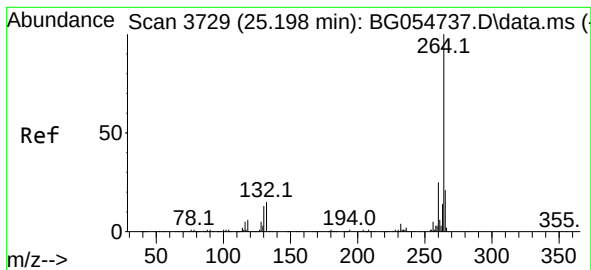
Tgt Ion:184 Resp: 17781
Ion Ratio Lower Upper
184 100
185 17.1 11.4 17.0#
183 6.4 9.8 14.8#



#79
Terphenyl-d14
Concen: 93.007 ng
RT: 20.127 min Scan# 2866
Delta R.T. -0.007 min
Lab File: BG054835.D
Acq: 2 Sep 2022 11:21

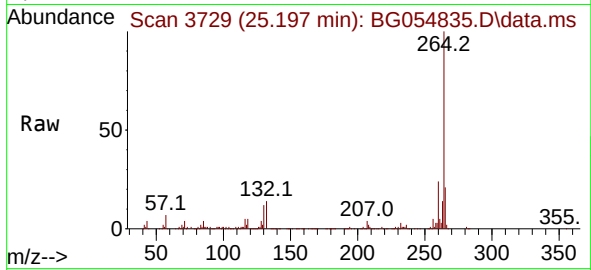
Tgt Ion:244 Resp: 1193173
Ion Ratio Lower Upper
244 100
212 7.9 6.2 9.2
122 10.1 9.0 13.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.197 min Scan# 31
 Delta R.T. -0.001 min
 Lab File: BG054835.D
 Acq: 2 Sep 2022 11:21

Instrument :
 BNA_G
 ClientSampleId :
 PB147356BL



Tgt Ion:264 Resp: 264645
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.9 29.9
 265 21.0 16.9 25.3

