

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082922\
 Data File : BG054767.D
 Acq On : 29 Aug 2022 10:43
 Operator : CG/JU
 Sample : PB147277BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB147277BL

Quant Time: Aug 30 02:44:25 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)

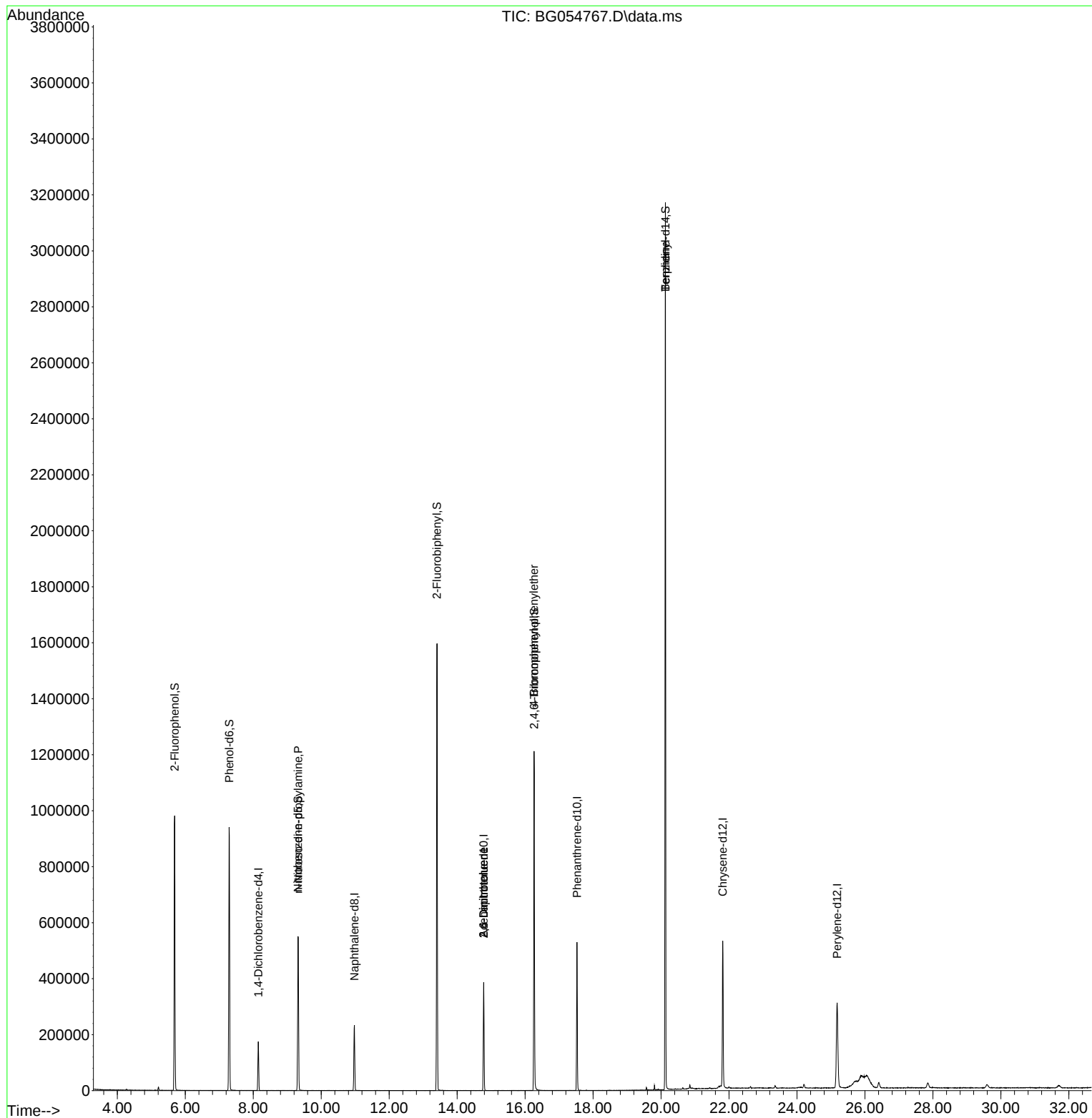
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.148	152	52662	20.000	ng	0.00
21) Naphthalene-d8	10.974	136	212477	20.000	ng	0.00
39) Acenaphthene-d10	14.782	164	142867	20.000	ng	0.00
64) Phenanthrene-d10	17.525	188	333306	20.000	ng	0.00
76) Chrysene-d12	21.814	240	341486	20.000	ng	-0.01
86) Perylene-d12	25.181	264	346157	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.686	112	453911	150.094	ng	0.00
7) Phenol-d6	7.290	99	591204	142.947	ng	0.00
23) Nitrobenzene-d5	9.317	82	359853	88.908	ng	-0.01
42) 2,4,6-Tribromophenol	16.268	330	251313	140.775	ng	0.00
45) 2-Fluorobiphenyl	13.407	172	859283	90.400	ng	0.00
79) Terphenyl-d14	20.128	244	1562709	90.672	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.323	70	45325	15.937	ng	# 80
51) 2,6-Dinitrotoluene	14.782	165	18123	8.050	ng	# 22
57) 2,4-Dinitrotoluene	14.782	165	18123	5.820	ng	# 20
67) 4-Bromophenyl-phenylether	16.262	248	16714	4.567	ng	# 1
77) Benzidine	20.128	184	24750	2.926	ng	# 92

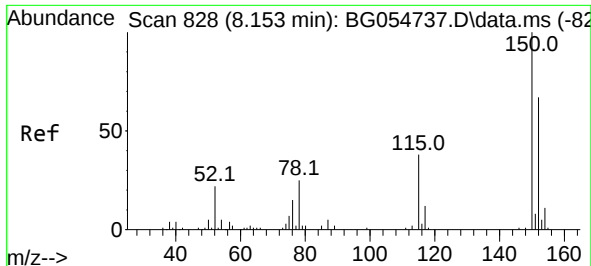
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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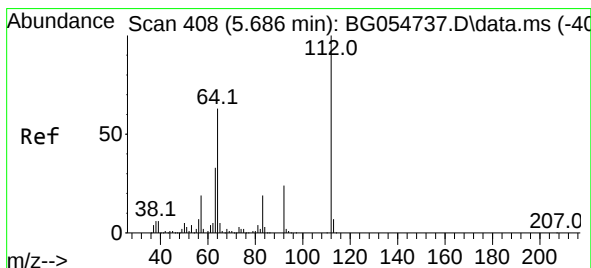
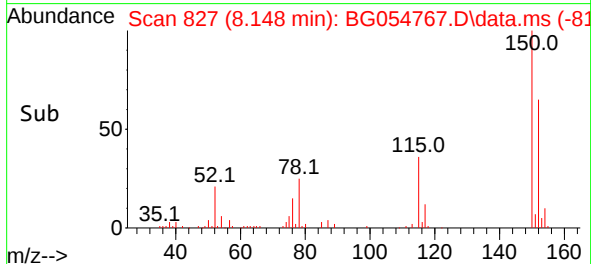
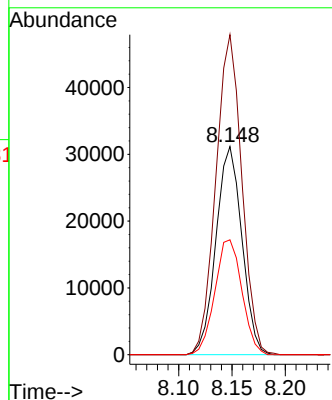
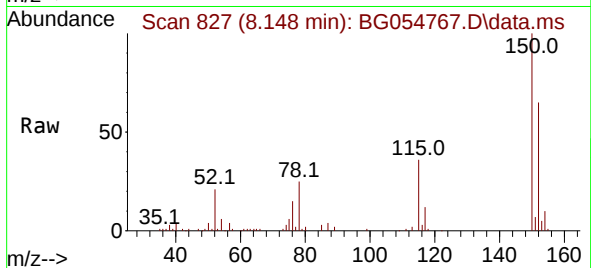




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.148 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG054767.D
Acq: 29 Aug 2022 10:43

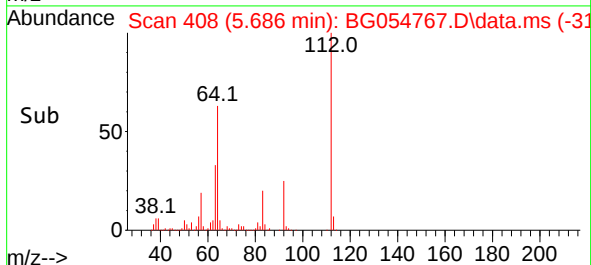
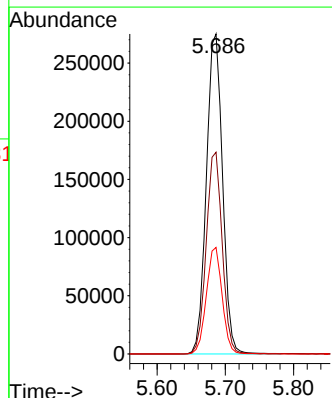
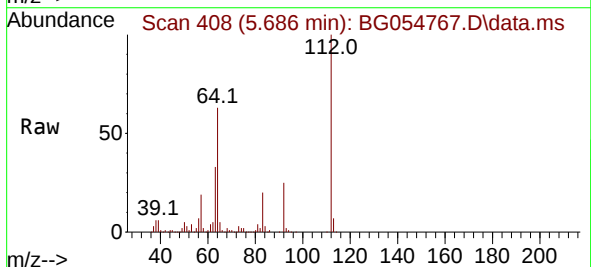
Instrument :
BNA_G
ClientSampleId :
PB147277BL

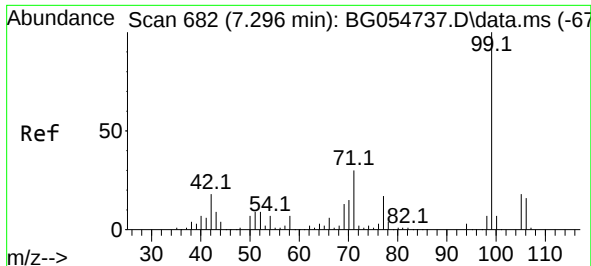
Tgt Ion:152 Resp: 52662
Ion Ratio Lower Upper
152 100
150 153.7 125.2 187.8
115 55.2 47.9 71.9



#5
2-Fluorophenol
Concen: 150.094 ng
RT: 5.686 min Scan# 408
Delta R.T. 0.000 min
Lab File: BG054767.D
Acq: 29 Aug 2022 10:43

Tgt Ion:112 Resp: 453911
Ion Ratio Lower Upper
112 100
64 63.0 49.3 73.9
63 33.3 26.3 39.5

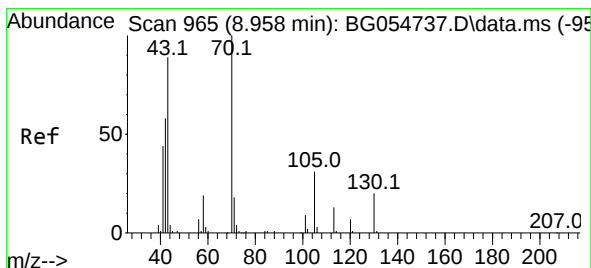
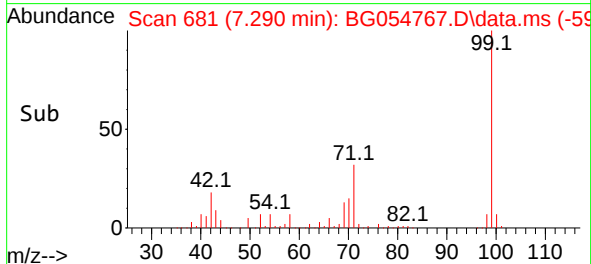
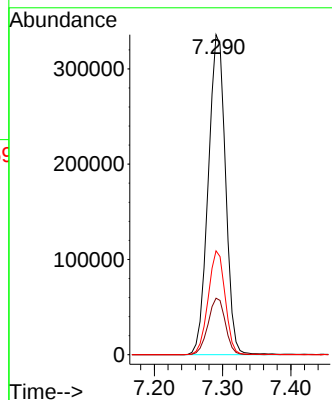
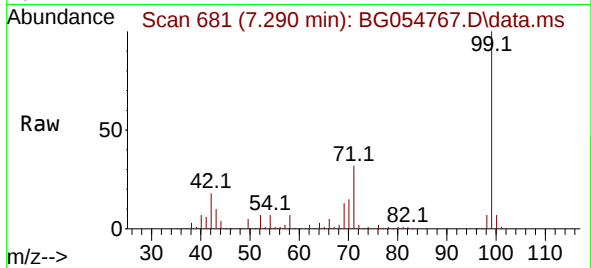




#7
Phenol-d6
Concen: 142.947 ng
RT: 7.290 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG054767.D
Acq: 29 Aug 2022 10:43

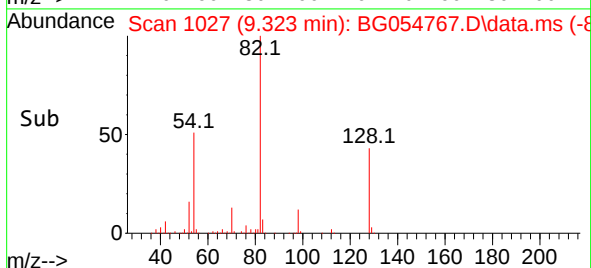
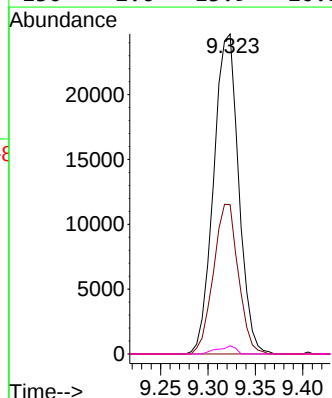
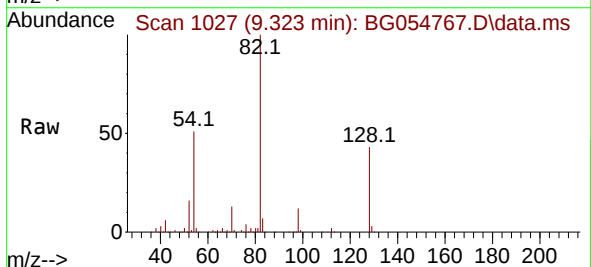
Instrument :
BNA_G
ClientSampleId :
PB147277BL

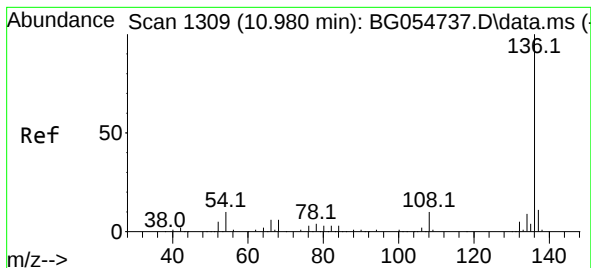
Tgt Ion: 99 Resp: 591204
Ion Ratio Lower Upper
99 100
42 17.6 14.6 22.0
71 32.4 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 15.937 ng
RT: 9.323 min Scan# 1027
Delta R.T. 0.365 min
Lab File: BG054767.D
Acq: 29 Aug 2022 10:43

Tgt Ion: 70 Resp: 45325
Ion Ratio Lower Upper
70 100
42 46.7 46.6 69.8
101 0.0 7.7 11.5#
130 2.6 13.9 20.9#





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.974 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG054767.D
Acq: 29 Aug 2022 10:43

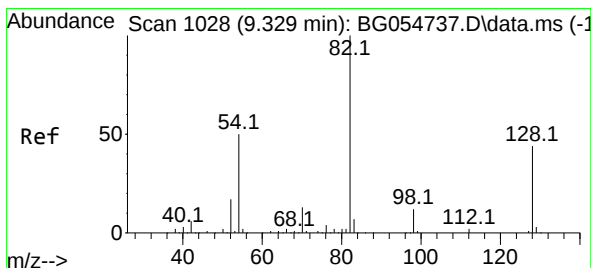
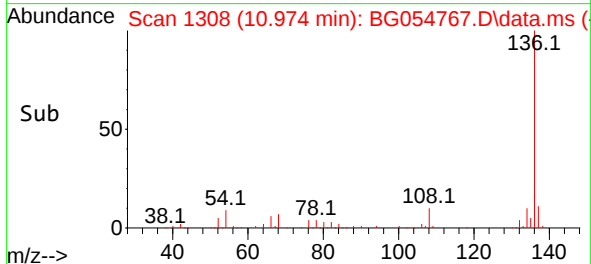
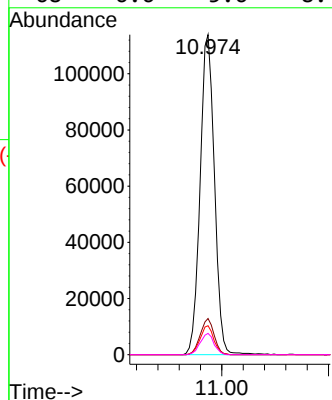
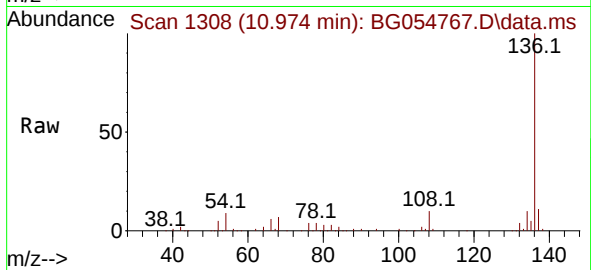
Instrument :

BNA_G

ClientSampleId :

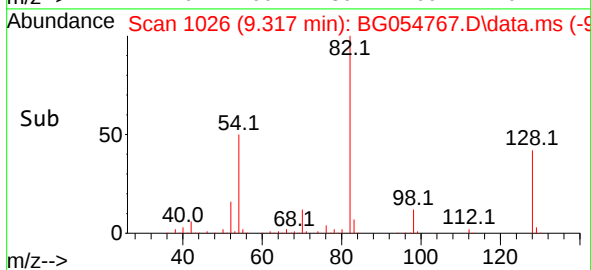
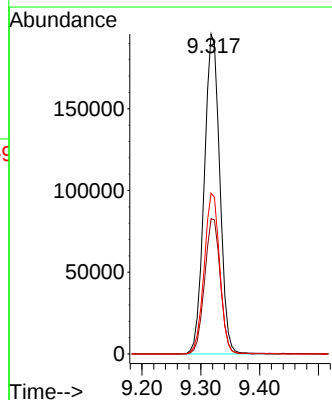
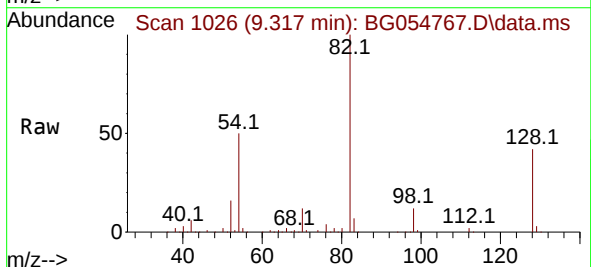
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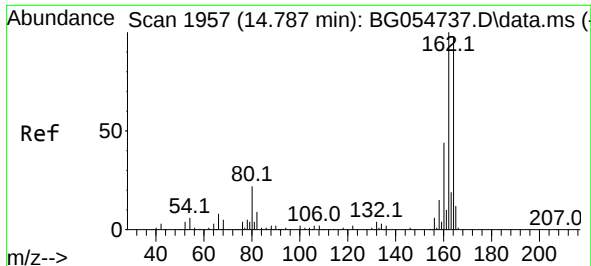
Tgt Ion:136 Resp: 212477
Ion Ratio Lower Upper
136 100
137 11.3 9.2 13.8
54 9.0 7.7 11.5
68 6.6 5.6 8.4



#23
Nitrobenzene-d5
Concen: 88.908 ng
RT: 9.317 min Scan# 1026
Delta R.T. -0.011 min
Lab File: BG054767.D
Acq: 29 Aug 2022 10:43

Tgt Ion: 82 Resp: 359853
Ion Ratio Lower Upper
82 100
128 42.2 32.2 48.2
54 50.3 41.4 62.0

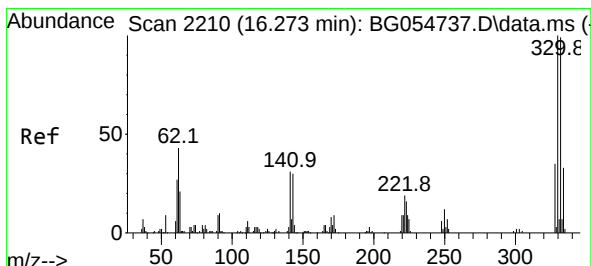
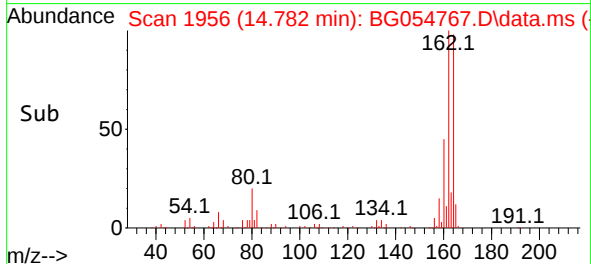
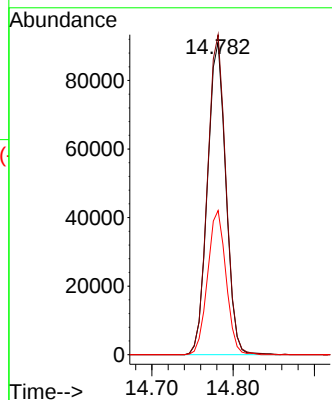
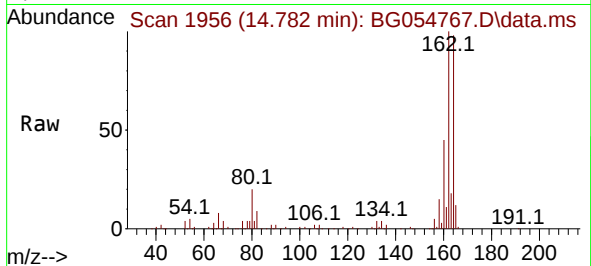




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.782 min Scan# 1956
Delta R.T. -0.005 min
Lab File: BG054767.D
Acq: 29 Aug 2022 10:43

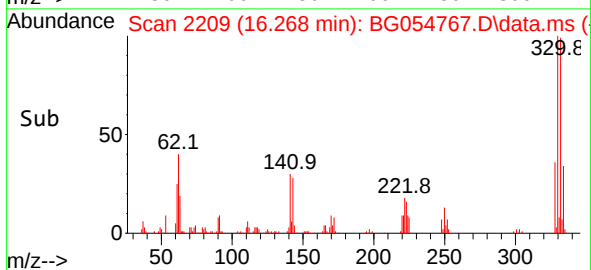
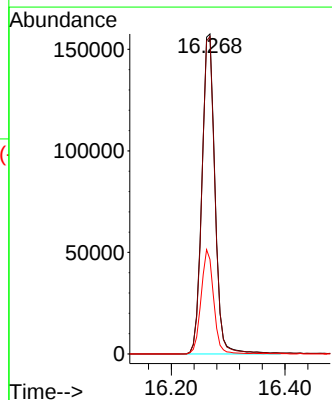
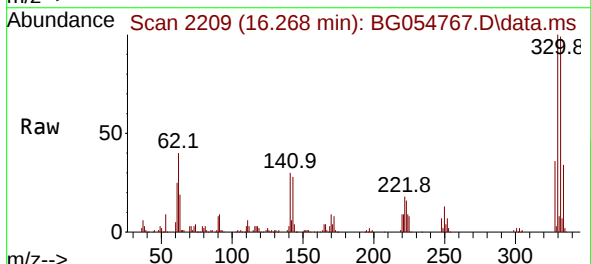
Instrument :
BNA_G
ClientSampleId :
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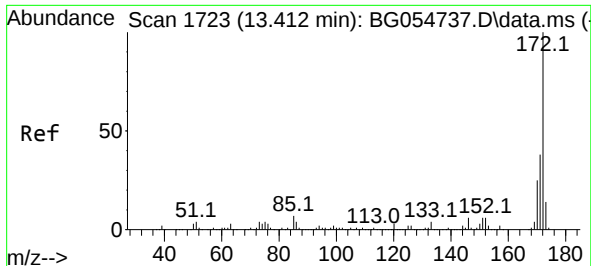
Tgt Ion:164 Resp: 142867
Ion Ratio Lower Upper
164 100
162 102.4 83.0 124.4
160 46.2 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 140.775 ng
RT: 16.268 min Scan# 2209
Delta R.T. -0.005 min
Lab File: BG054767.D
Acq: 29 Aug 2022 10:43

Tgt Ion:330 Resp: 251313
Ion Ratio Lower Upper
330 100
332 98.4 79.8 119.6
141 31.3 26.8 40.2

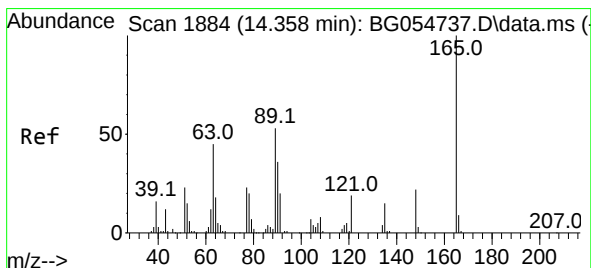
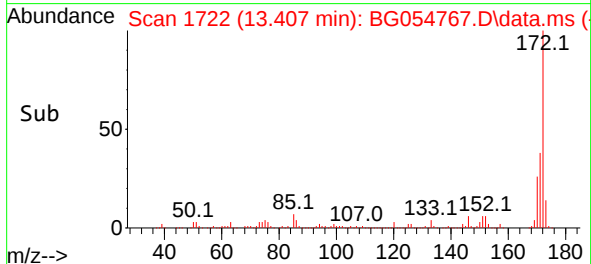
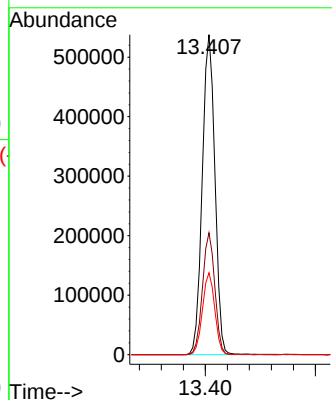
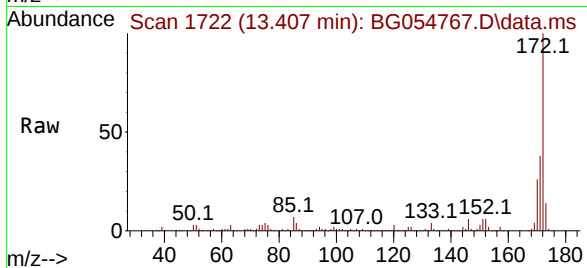




#45
2-Fluorobiphenyl
Concen: 90.400 ng
RT: 13.407 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG054767.D
Acq: 29 Aug 2022 10:43

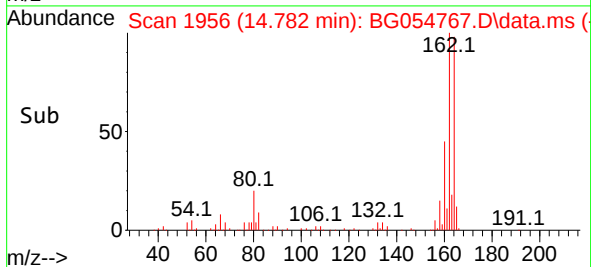
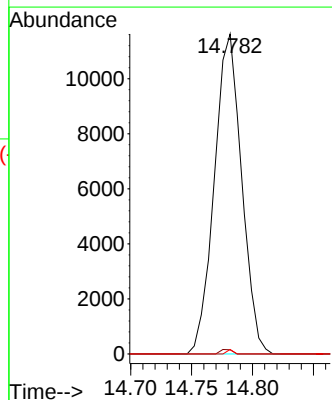
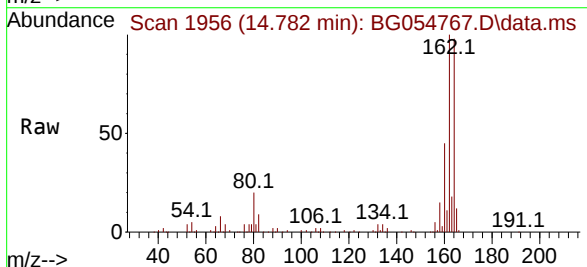
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ClientSampleId :
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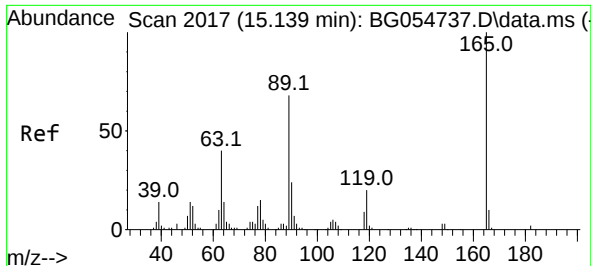
Tgt Ion:172 Resp: 859283
Ion Ratio Lower Upper
172 100
171 38.1 31.2 46.8
170 25.6 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 8.050 ng
RT: 14.782 min Scan# 1956
Delta R.T. 0.424 min
Lab File: BG054767.D
Acq: 29 Aug 2022 10:43

Tgt Ion:165 Resp: 18123
Ion Ratio Lower Upper
165 100
63 1.3 46.0 69.0#
89 1.4 50.3 75.5#

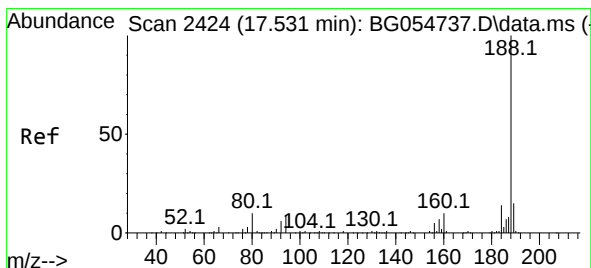
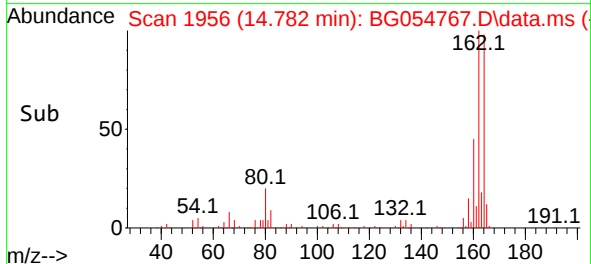
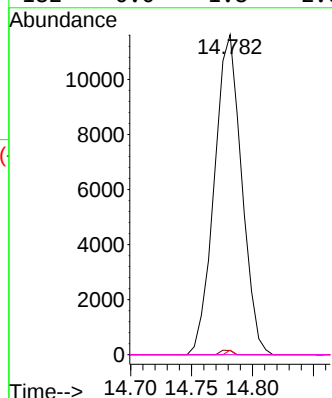
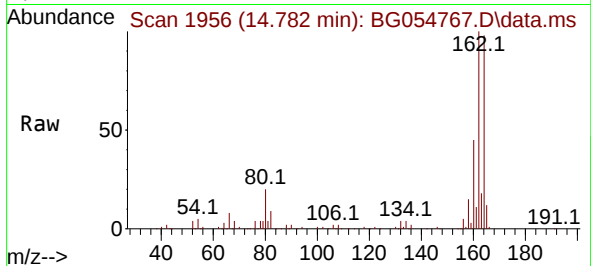




#57
2,4-Dinitrotoluene
Concen: 5.820 ng
RT: 14.782 min Scan# 1956
Delta R.T. -0.358 min
Lab File: BG054767.D
Acq: 29 Aug 2022 10:43

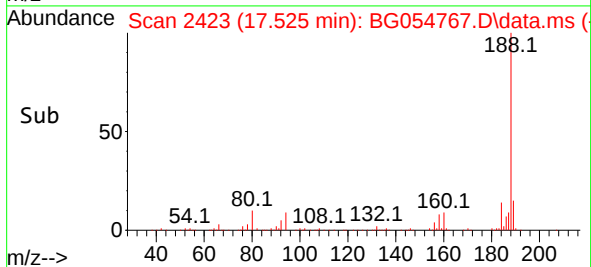
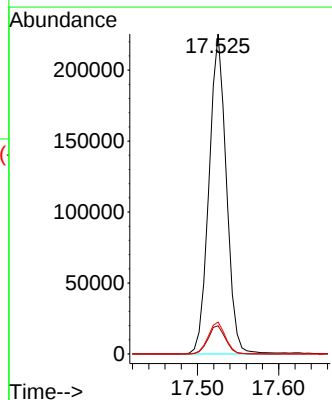
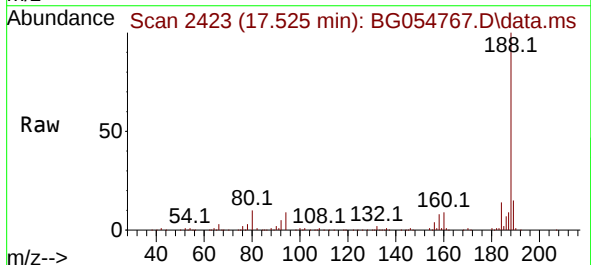
Instrument :
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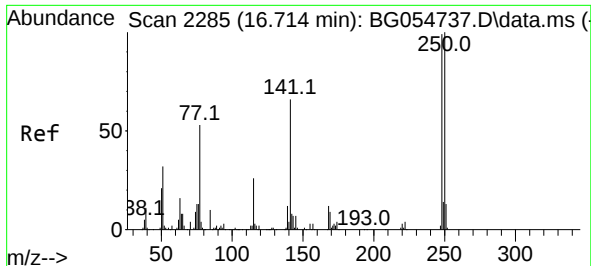
Tgt Ion:165 Resp: 18123
Ion Ratio Lower Upper
165 100
63 1.3 36.8 55.2#
89 1.4 64.3 96.5#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.525 min Scan# 2423
Delta R.T. -0.005 min
Lab File: BG054767.D
Acq: 29 Aug 2022 10:43

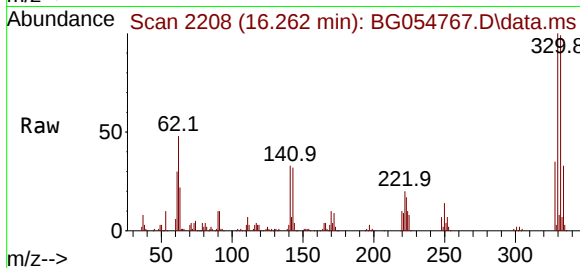
Tgt Ion:188 Resp: 333306
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.4
80 10.0 7.9 11.9



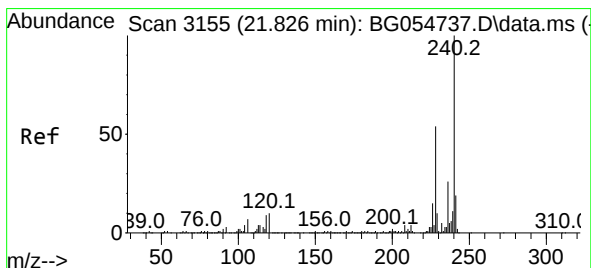
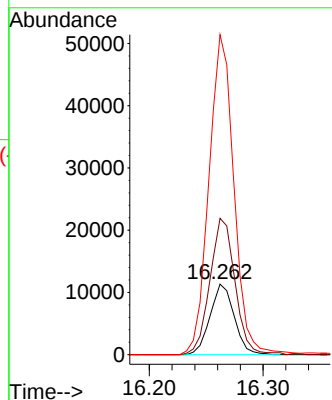
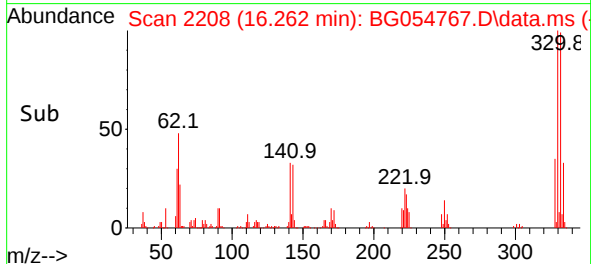


#67
4-Bromophenyl-phenylether
Concen: 4.567 ng
RT: 16.262 min Scan# 21
Delta R.T. -0.452 min
Lab File: BG054767.D
Acq: 29 Aug 2022 10:43

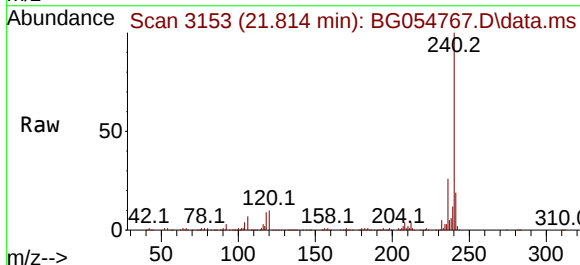
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BNA_G
ClientSampleId :
PB147277BL



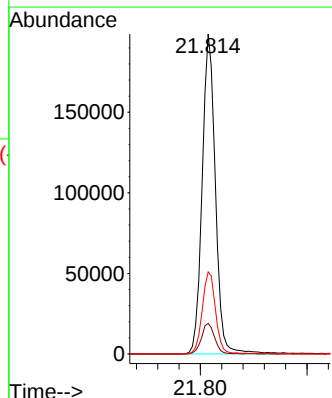
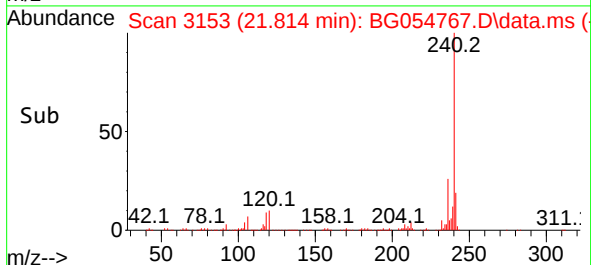
Tgt Ion:248 Resp: 16714
Ion Ratio Lower Upper
248 100
250 193.3 78.8 118.2#
141 453.5 51.9 77.9#

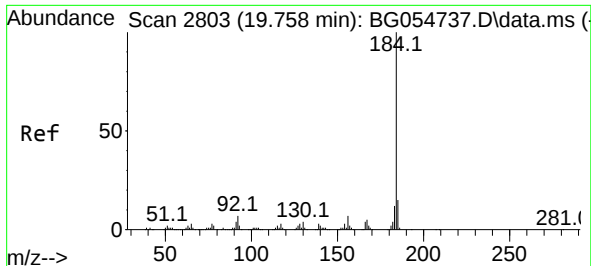


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.814 min Scan# 3153
Delta R.T. -0.011 min
Lab File: BG054767.D
Acq: 29 Aug 2022 10:43



Tgt Ion:240 Resp: 341486
Ion Ratio Lower Upper
240 100
120 9.6 8.2 12.4
236 25.6 21.2 31.8

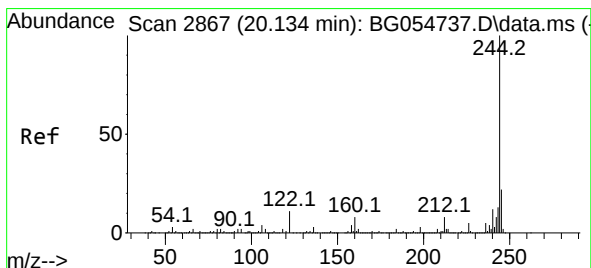
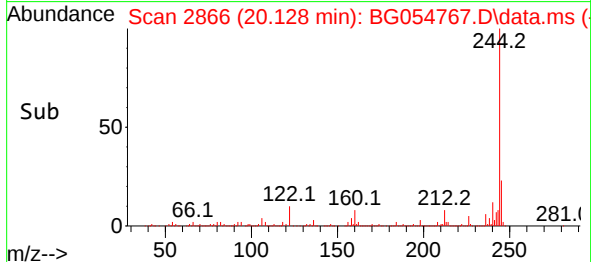
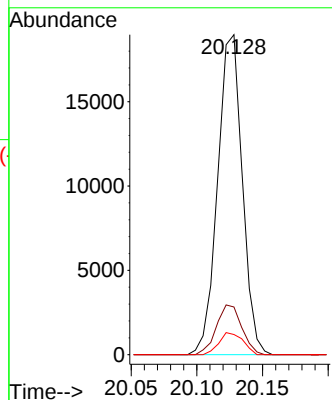
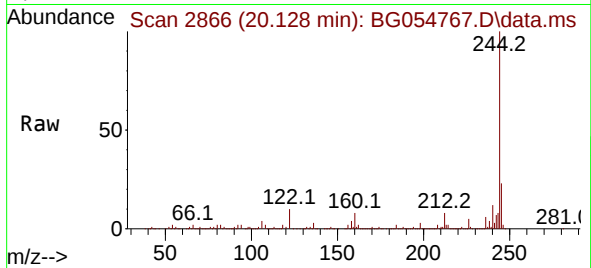




#77
Benzidine
Concen: 2.926 ng
RT: 20.128 min Scan# 2866
Delta R.T. 0.371 min
Lab File: BG054767.D
Acq: 29 Aug 2022 10:43

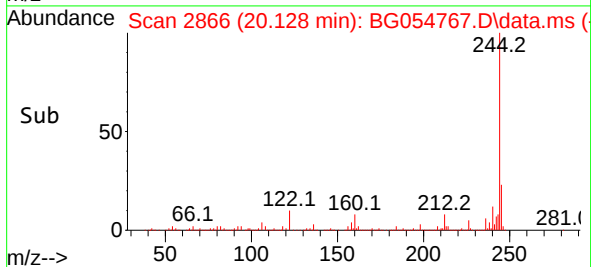
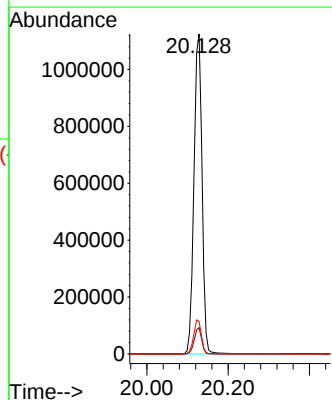
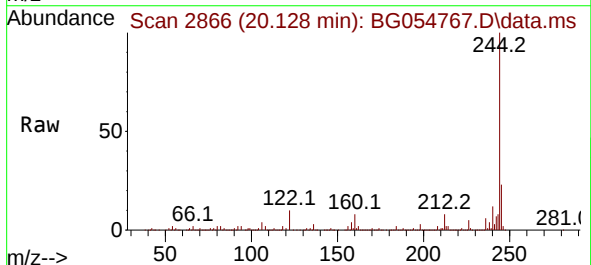
Instrument :
BNA_G
ClientSampleId :
PB147277BL

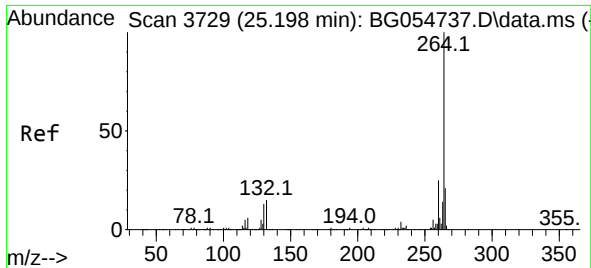
Tgt Ion:184 Resp: 24750
Ion Ratio Lower Upper
184 100
185 14.9 11.4 17.0
183 6.3 9.8 14.8#



#79
Terphenyl-d14
Concen: 90.672 ng
RT: 20.128 min Scan# 2866
Delta R.T. -0.005 min
Lab File: BG054767.D
Acq: 29 Aug 2022 10:43

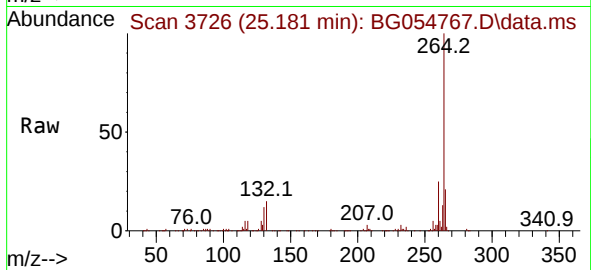
Tgt Ion:244 Resp: 1562709
Ion Ratio Lower Upper
244 100
212 8.3 6.2 9.2
122 10.2 9.0 13.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.181 min Scan# 31
Delta R.T. -0.017 min
Lab File: BG054767.D
Acq: 29 Aug 2022 10:43

Instrument :
BNA_G
ClientSampleId :
PB147277BL



Tgt Ion:264 Resp: 346157
Ion Ratio Lower Upper
264 100
260 24.8 19.9 29.9
265 21.3 16.9 25.3

