

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091222\
 Data File : BG054910.D
 Acq On : 12 Sep 2022 17:30
 Operator : CG/JU
 Sample : PB147546TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB147546TB

Quant Time: Sep 13 03:06:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 10 01:53:42 2022
 Response via : Initial Calibration

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

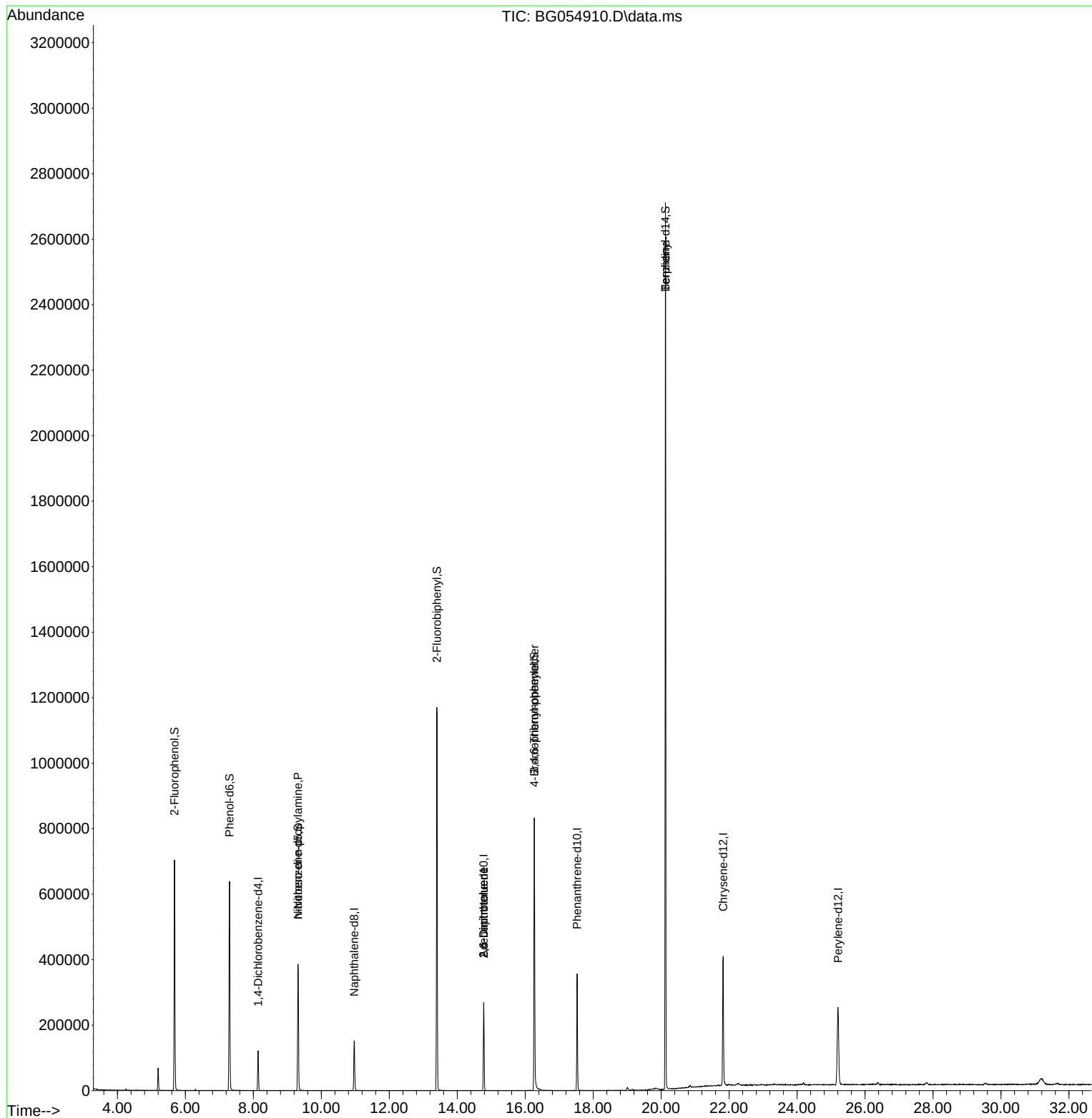
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.141	152	38869	20.000	ng	0.00
21) Naphthalene-d8	10.967	136	152011	20.000	ng	# 0.00
39) Acenaphthene-d10	14.780	164	106503	20.000	ng	0.00
64) Phenanthrene-d10	17.530	188	252478	20.000	ng	0.00
76) Chrysene-d12	21.825	240	271834	20.000	ng	0.00
86) Perylene-d12	25.203	264	283670	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.679	112	359733	161.163	ng	0.00
7) Phenol-d6	7.301	99	439795	144.073	ng	0.00
23) Nitrobenzene-d5	9.316	82	258199	89.168	ng	0.00
42) 2,4,6-Tribromophenol	16.267	330	217102	163.134	ng	0.00
45) 2-Fluorobiphenyl	13.400	172	678168	95.706	ng	0.00
79) Terphenyl-d14	20.127	244	1414085	103.072	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.316	70	31785	15.142	ng	# 72
51) 2,6-Dinitrotoluene	14.780	165	13665	8.142	ng	# 20
57) 2,4-Dinitrotoluene	14.780	165	13665	5.887	ng	# 18
67) 4-Bromophenyl-phenylether	16.273	248	13069	4.715	ng	# 1
77) Benzidine	20.127	184	20147	2.992	ng	# 90

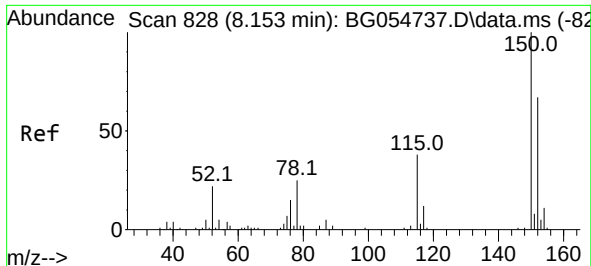
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091222\
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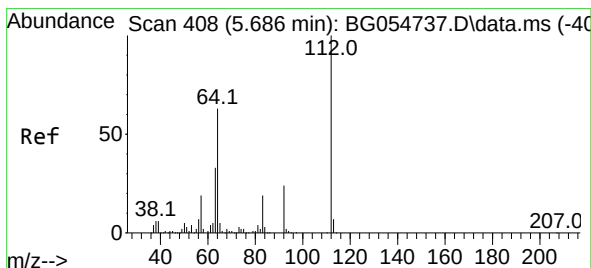
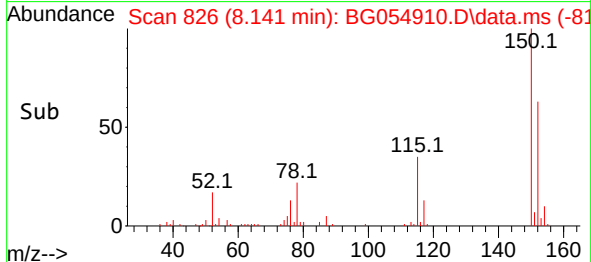
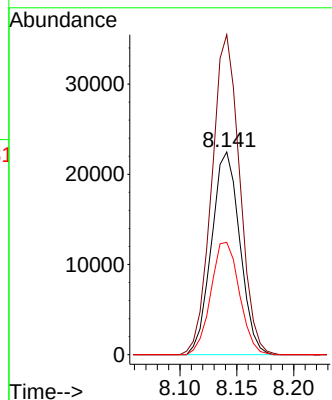
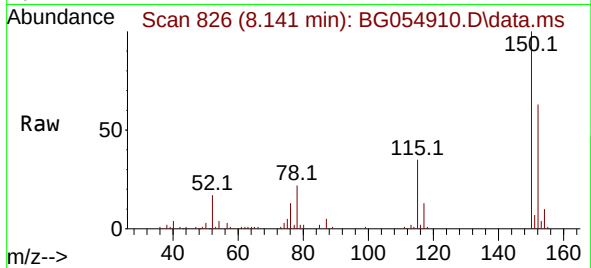




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.141 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG054910.D
Acq: 12 Sep 2022 17:30

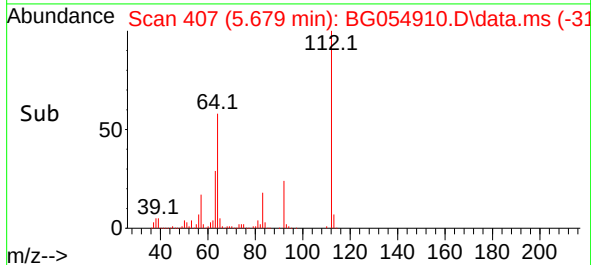
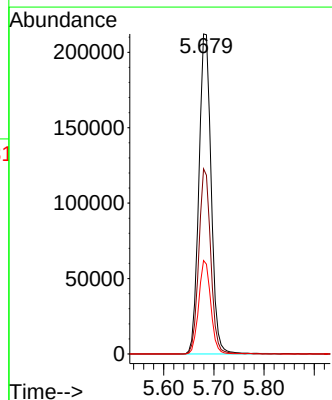
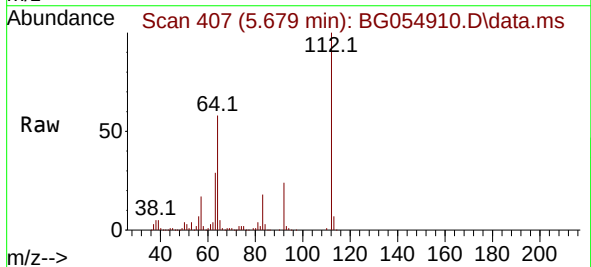
Instrument :
BNA_G
ClientSampleId :
PB147546TB

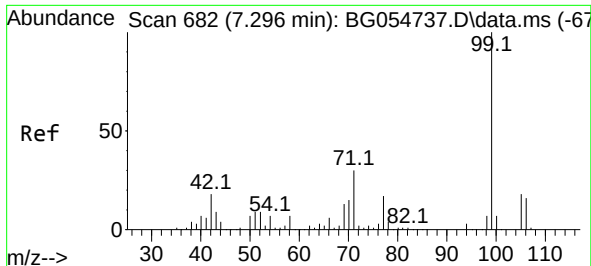
Tgt Ion:152 Resp: 38869
Ion Ratio Lower Upper
152 100
150 157.8 125.2 187.8
115 55.4 47.9 71.9



#5
2-Fluorophenol
Concen: 161.163 ng
RT: 5.679 min Scan# 407
Delta R.T. -0.005 min
Lab File: BG054910.D
Acq: 12 Sep 2022 17:30

Tgt Ion:112 Resp: 359733
Ion Ratio Lower Upper
112 100
64 57.8 49.3 73.9
63 29.2 26.3 39.5

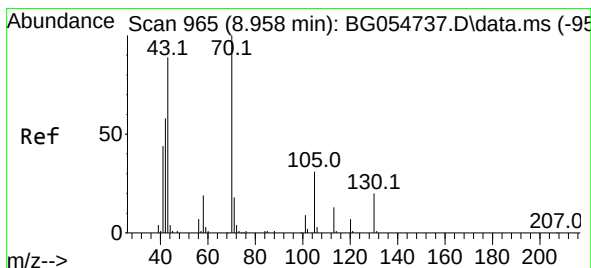
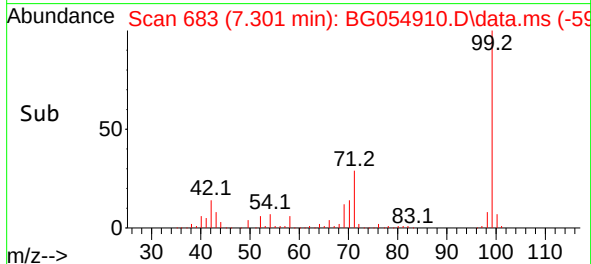
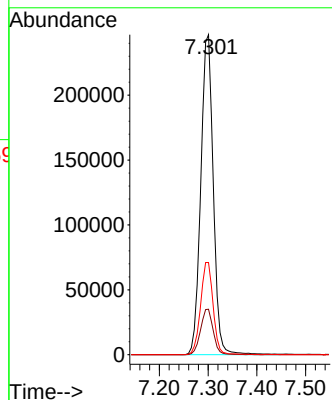
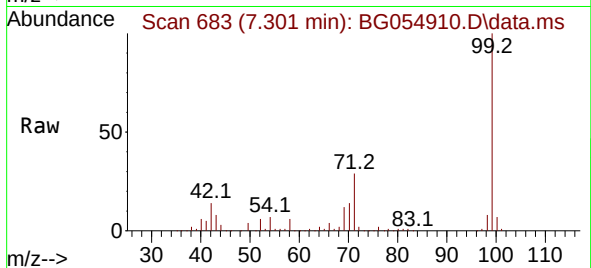




#7
Phenol-d6
Concen: 144.073 ng
RT: 7.301 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG054910.D
Acq: 12 Sep 2022 17:30

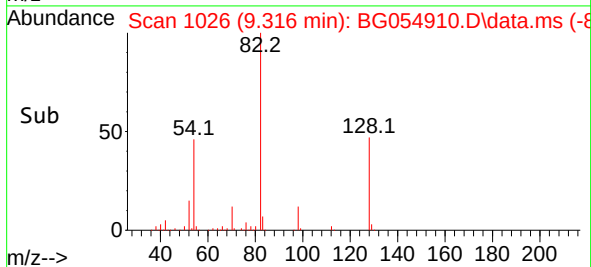
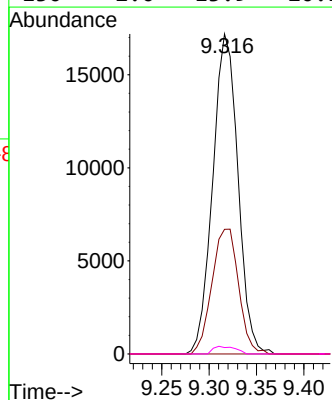
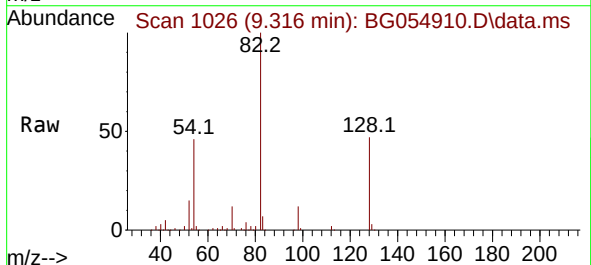
Instrument :
BNA_G
ClientSampleId :
PB147546TB

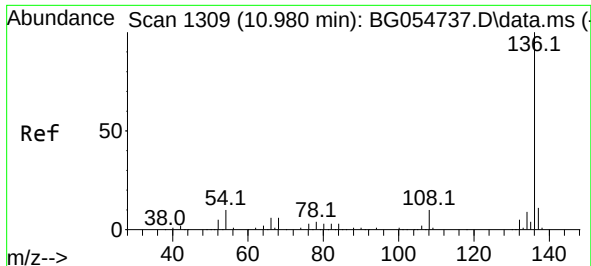
Tgt Ion: 99 Resp: 439795
Ion Ratio Lower Upper
99 100
42 14.2 14.6 22.0#
71 28.8 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 15.142 ng
RT: 9.316 min Scan# 1026
Delta R.T. 0.365 min
Lab File: BG054910.D
Acq: 12 Sep 2022 17:30

Tgt Ion: 70 Resp: 31785
Ion Ratio Lower Upper
70 100
42 39.0 46.6 69.8#
101 0.0 7.7 11.5#
130 2.0 13.9 20.9#





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.967 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG054910.D
Acq: 12 Sep 2022 17:30

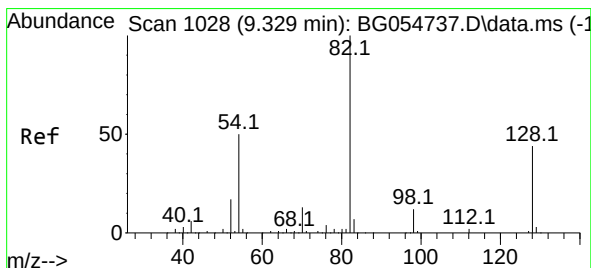
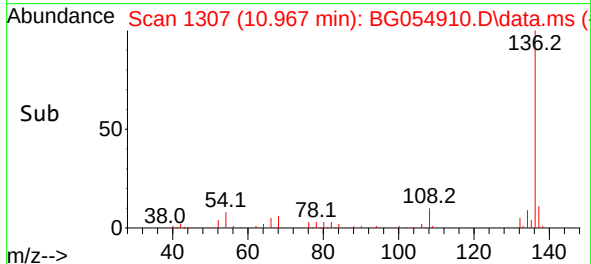
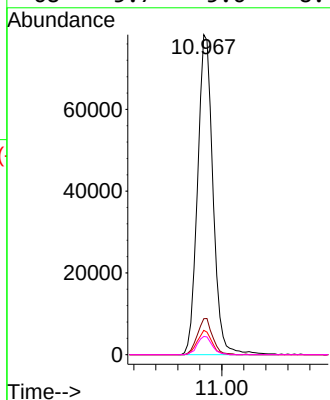
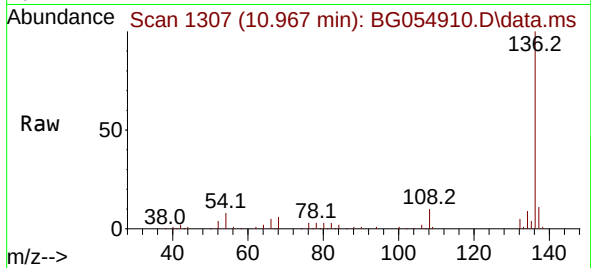
Instrument :

BNA_G

ClientSampleId :

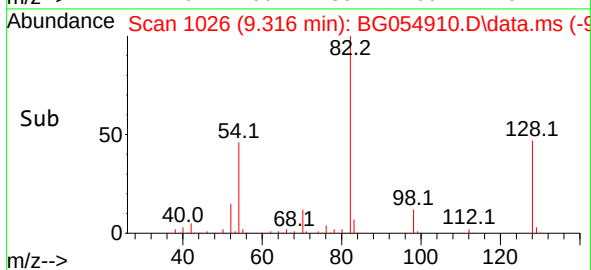
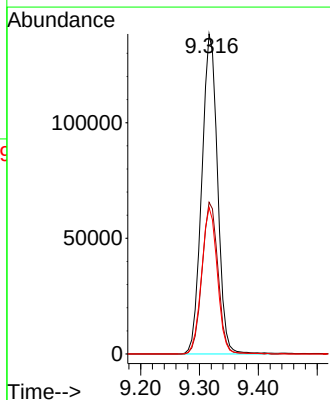
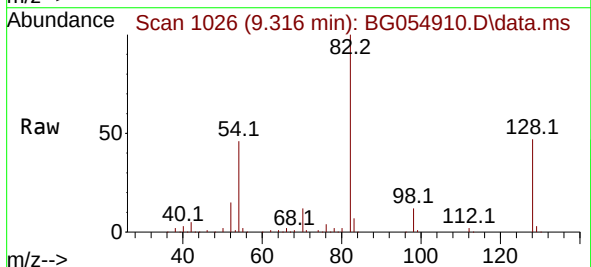
PB147546TB

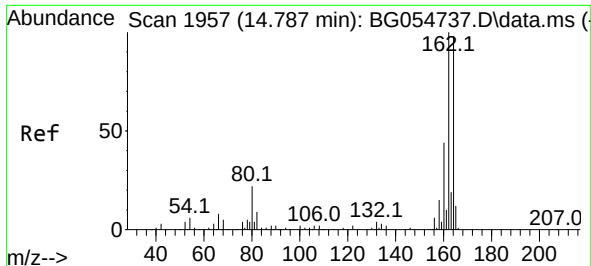
Tgt Ion:136 Resp: 152011
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 7.6 7.7 11.5#
68 5.7 5.6 8.4



#23
Nitrobenzene-d5
Concen: 89.168 ng
RT: 9.316 min Scan# 1026
Delta R.T. -0.005 min
Lab File: BG054910.D
Acq: 12 Sep 2022 17:30

Tgt Ion: 82 Resp: 258199
Ion Ratio Lower Upper
82 100
128 47.4 32.2 48.2
54 45.7 41.4 62.0

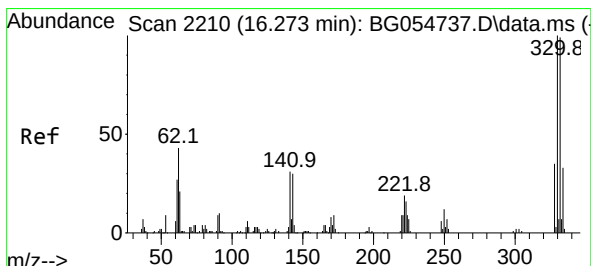
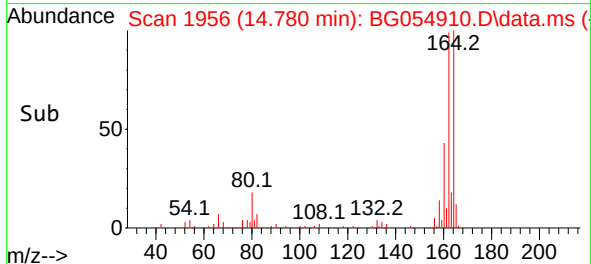
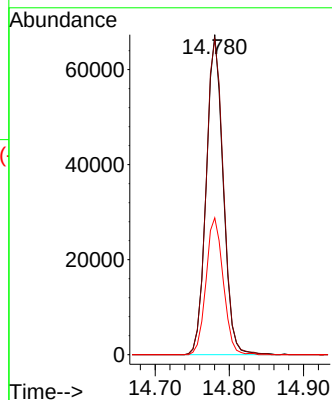
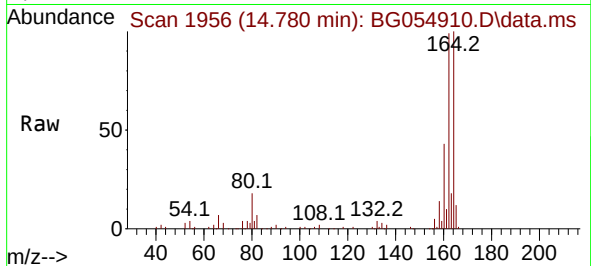




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.780 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG054910.D
Acq: 12 Sep 2022 17:30

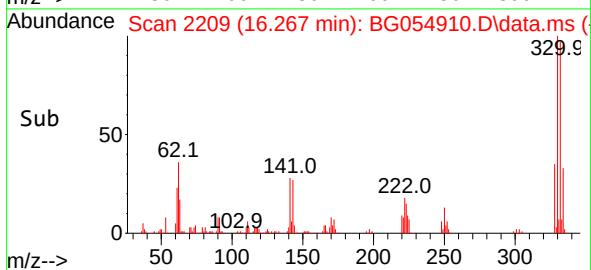
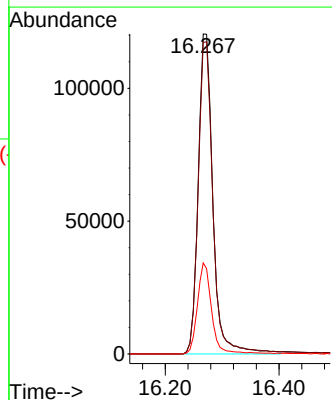
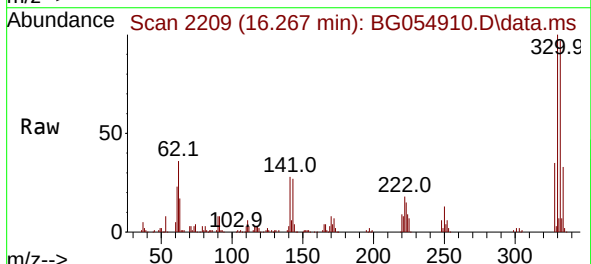
Instrument :
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ClientSampleId :
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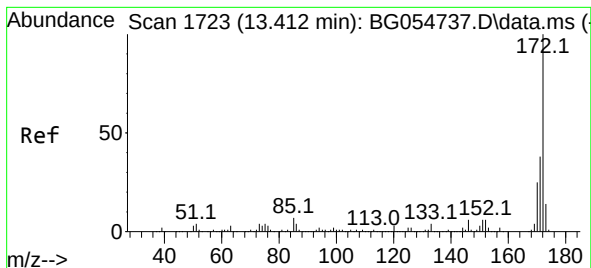
Tgt Ion:164 Resp: 106503
Ion Ratio Lower Upper
164 100
162 98.5 83.0 124.4
160 42.8 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 163.134 ng
RT: 16.267 min Scan# 2209
Delta R.T. -0.005 min
Lab File: BG054910.D
Acq: 12 Sep 2022 17:30

Tgt Ion:330 Resp: 217102
Ion Ratio Lower Upper
330 100
332 98.0 79.8 119.6
141 27.5 26.8 40.2





#45

2-Fluorobiphenyl

Concen: 95.706 ng

RT: 13.400 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG054910.D

Acq: 12 Sep 2022 17:30

Instrument :

BNA_G

ClientSampleId :

PB147546TB

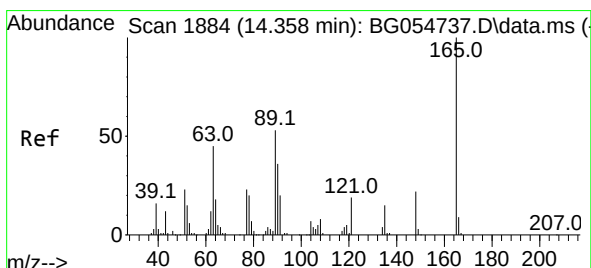
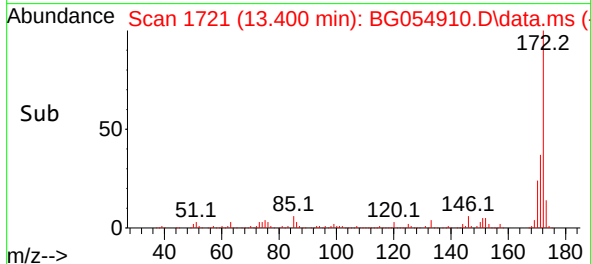
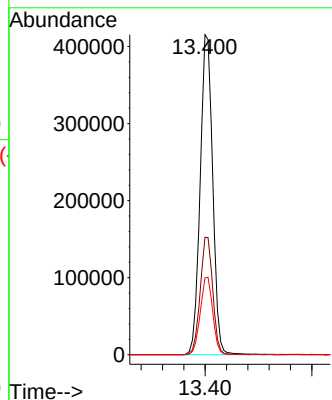
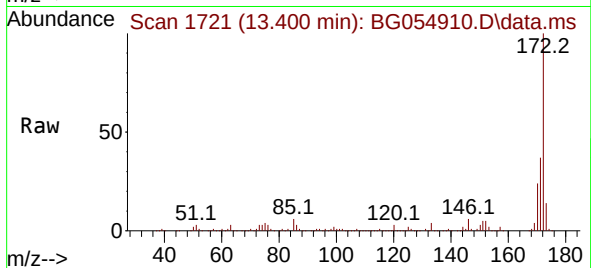
Tgt Ion:172 Resp: 678168

Ion Ratio Lower Upper

172 100

171 36.7 31.2 46.8

170 24.0 20.6 30.8



#51

2,6-Dinitrotoluene

Concen: 8.142 ng

RT: 14.780 min Scan# 1956

Delta R.T. 0.424 min

Lab File: BG054910.D

Acq: 12 Sep 2022 17:30

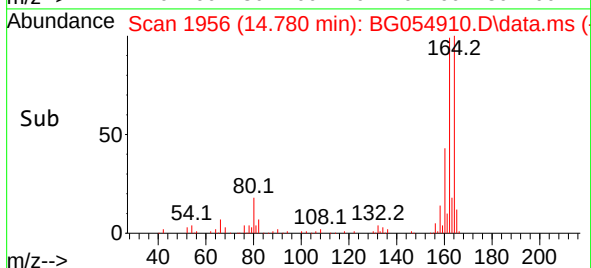
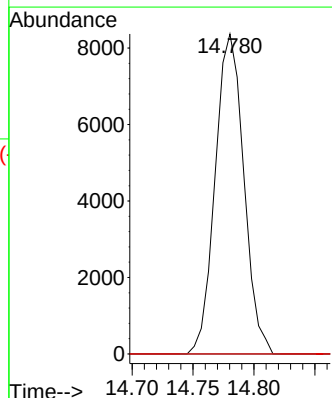
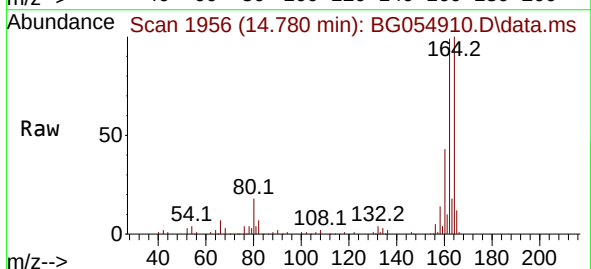
Tgt Ion:165 Resp: 13665

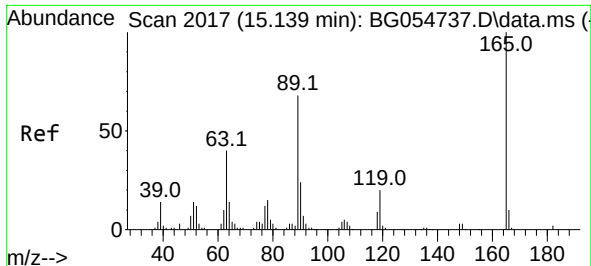
Ion Ratio Lower Upper

165 100

63 0.0 46.0 69.0#

89 0.0 50.3 75.5#

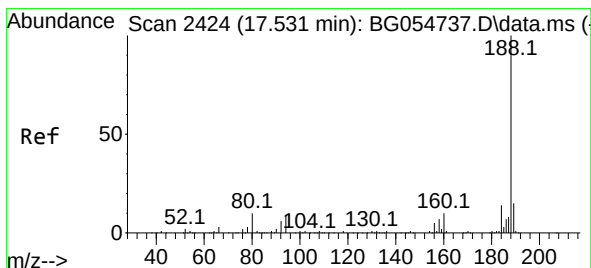
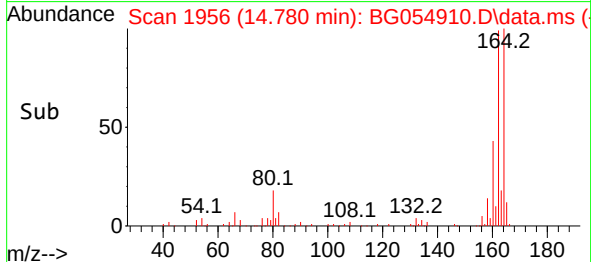
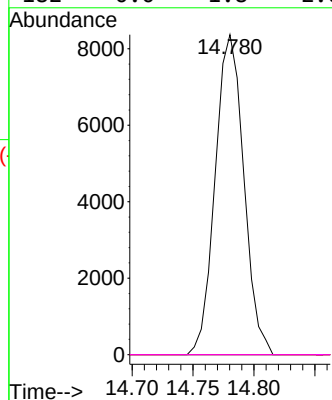
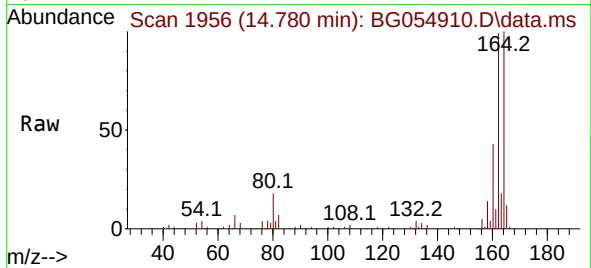




#57
2,4-Dinitrotoluene
Concen: 5.887 ng
RT: 14.780 min Scan# 1956
Delta R.T. -0.363 min
Lab File: BG054910.D
Acq: 12 Sep 2022 17:30

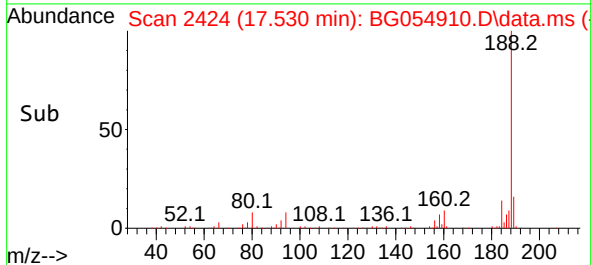
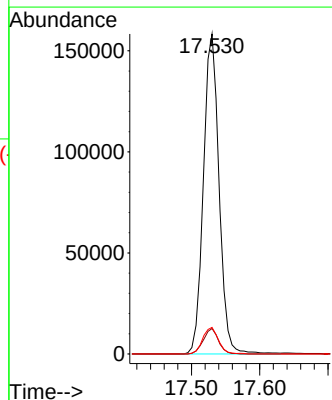
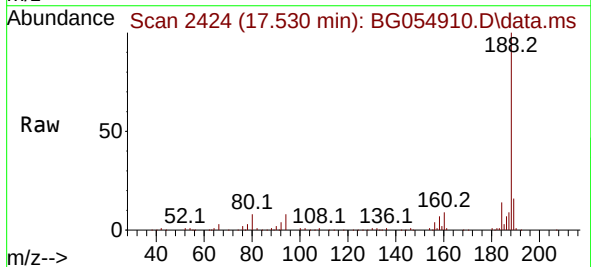
Instrument :
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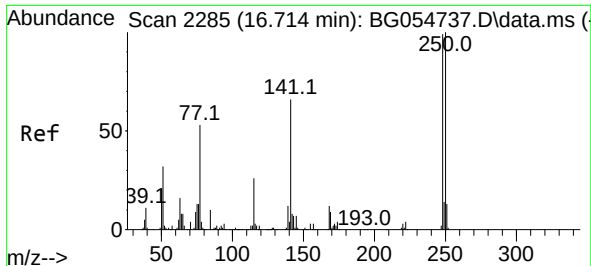
Tgt Ion:165 Resp: 13665
Ion Ratio Lower Upper
165 100
63 0.0 36.8 55.2#
89 0.0 64.3 96.5#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.530 min Scan# 2424
Delta R.T. 0.001 min
Lab File: BG054910.D
Acq: 12 Sep 2022 17:30

Tgt Ion:188 Resp: 252478
Ion Ratio Lower Upper
188 100
94 8.0 7.0 10.4
80 8.3 7.9 11.9

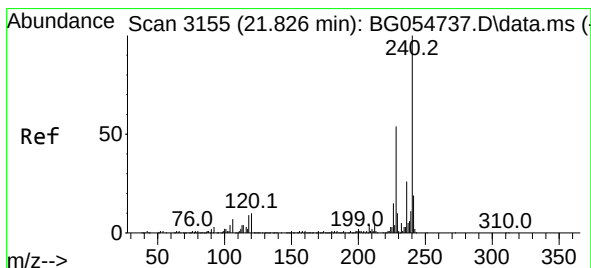
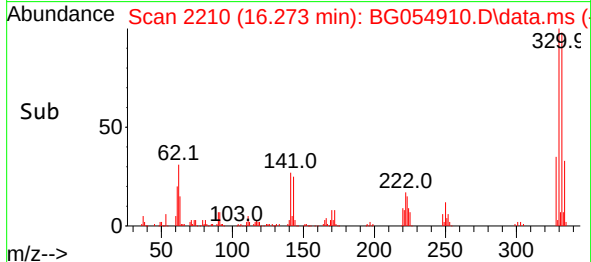
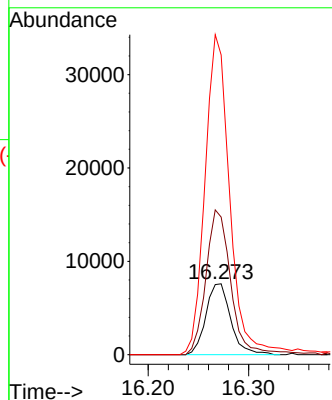
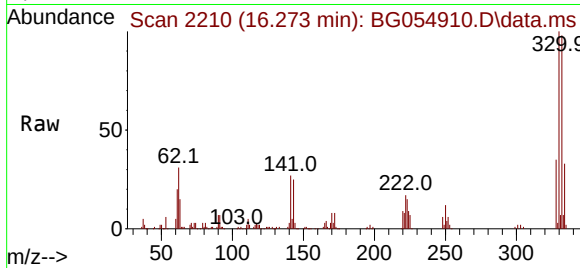




#67
4-Bromophenyl-phenylether
Concen: 4.715 ng
RT: 16.273 min Scan# 211
Delta R.T. -0.434 min
Lab File: BG054910.D
Acq: 12 Sep 2022 17:30

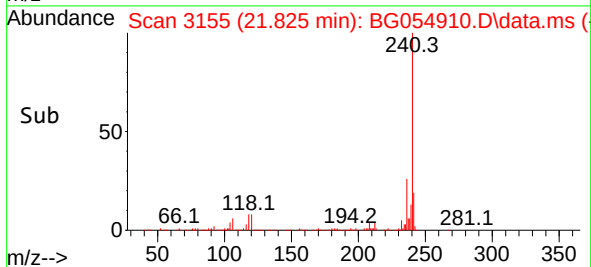
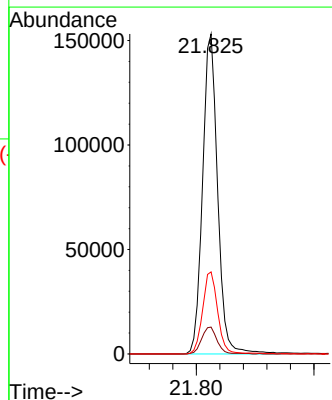
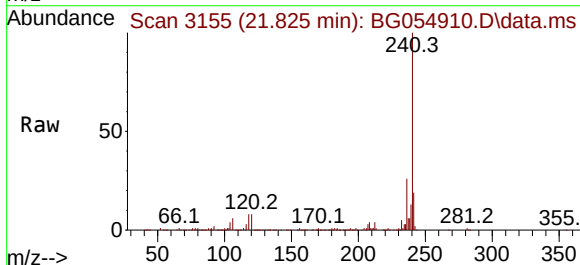
Instrument :
BNA_G
ClientSampleId :
PB147546TB

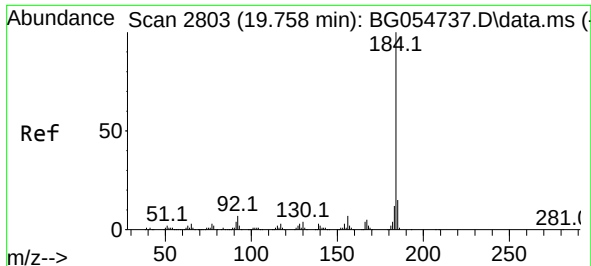
Tgt Ion:248 Resp: 13069
Ion Ratio Lower Upper
248 100
250 194.1 78.8 118.2#
141 422.9 51.9 77.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.825 min Scan# 3155
Delta R.T. 0.001 min
Lab File: BG054910.D
Acq: 12 Sep 2022 17:30

Tgt Ion:240 Resp: 271834
Ion Ratio Lower Upper
240 100
120 8.4 8.2 12.4
236 25.6 21.2 31.8

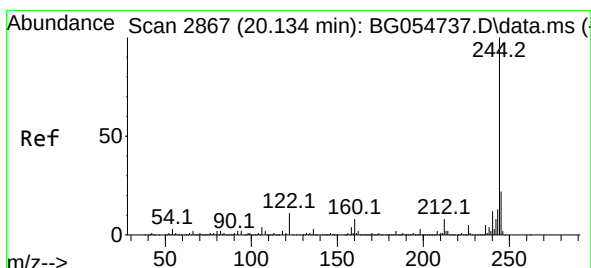
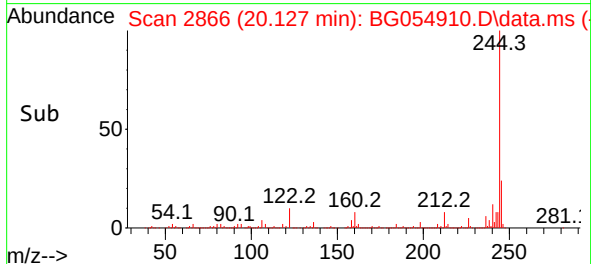
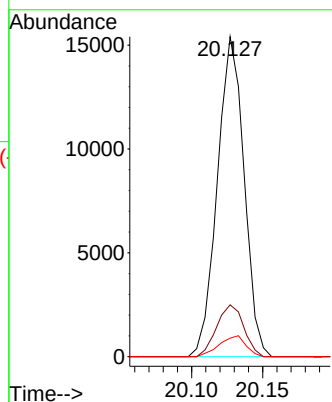
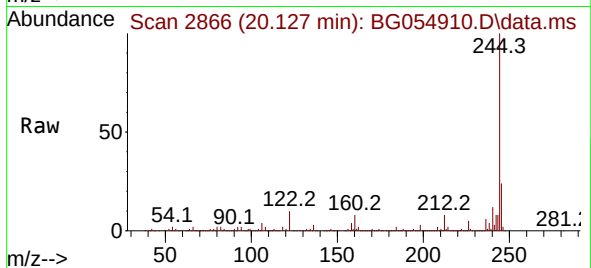




#77
Benzidine
Concen: 2.992 ng
RT: 20.127 min Scan# 2866
Delta R.T. 0.377 min
Lab File: BG054910.D
Acq: 12 Sep 2022 17:30

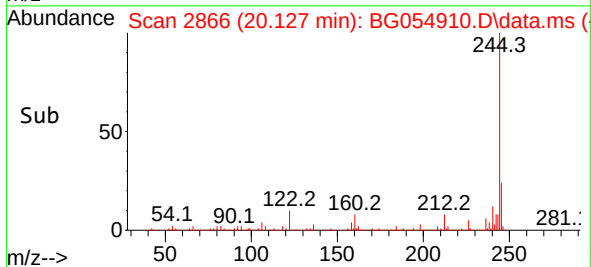
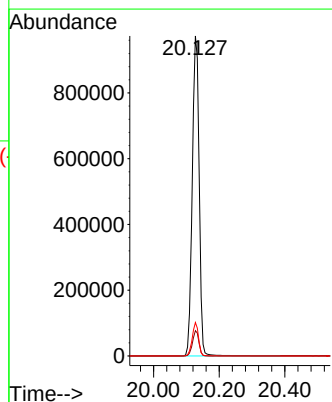
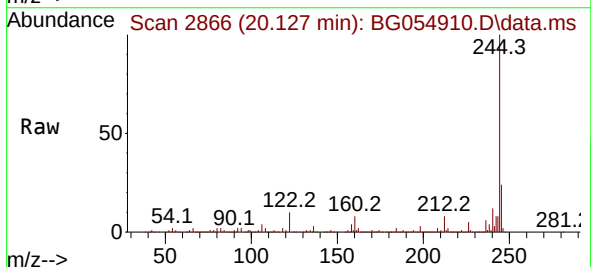
Instrument :
BNA_G
ClientSampleId :
PB147546TB

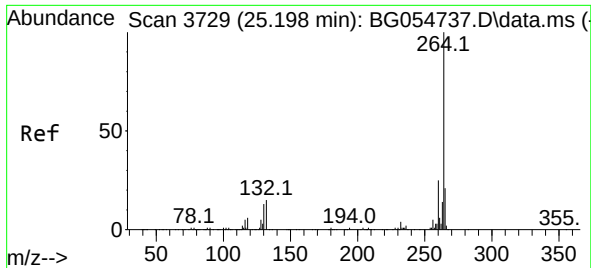
Tgt Ion:184 Resp: 20147
Ion Ratio Lower Upper
184 100
185 16.2 11.4 17.0
183 5.8 9.8 14.8#



#79
Terphenyl-d14
Concen: 103.072 ng
RT: 20.127 min Scan# 2866
Delta R.T. 0.001 min
Lab File: BG054910.D
Acq: 12 Sep 2022 17:30

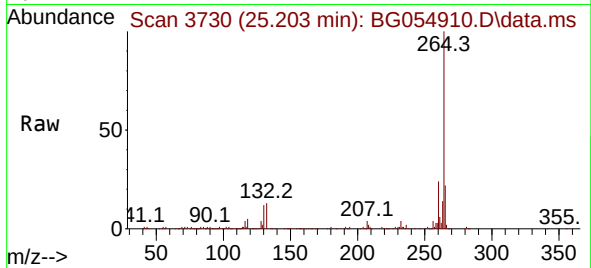
Tgt Ion:244 Resp: 1414085
Ion Ratio Lower Upper
244 100
212 7.9 6.2 9.2
122 10.5 9.0 13.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.203 min Scan# 31
Delta R.T. 0.001 min
Lab File: BG054910.D
Acq: 12 Sep 2022 17:30

Instrument :
BNA_G
ClientSampleId :
PB147546TB



Tgt Ion:264 Resp: 283670
Ion Ratio Lower Upper
264 100
260 24.0 19.9 29.9
265 21.5 16.9 25.3

