

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082022\
 Data File : BG054680.D
 Acq On : 20 Aug 2022 3:31
 Operator : CG/JU
 Sample : PB147107BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB147107BL

Quant Time: Aug 22 00:38:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 22 00:08:53 2022
 Response via : Initial Calibration

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

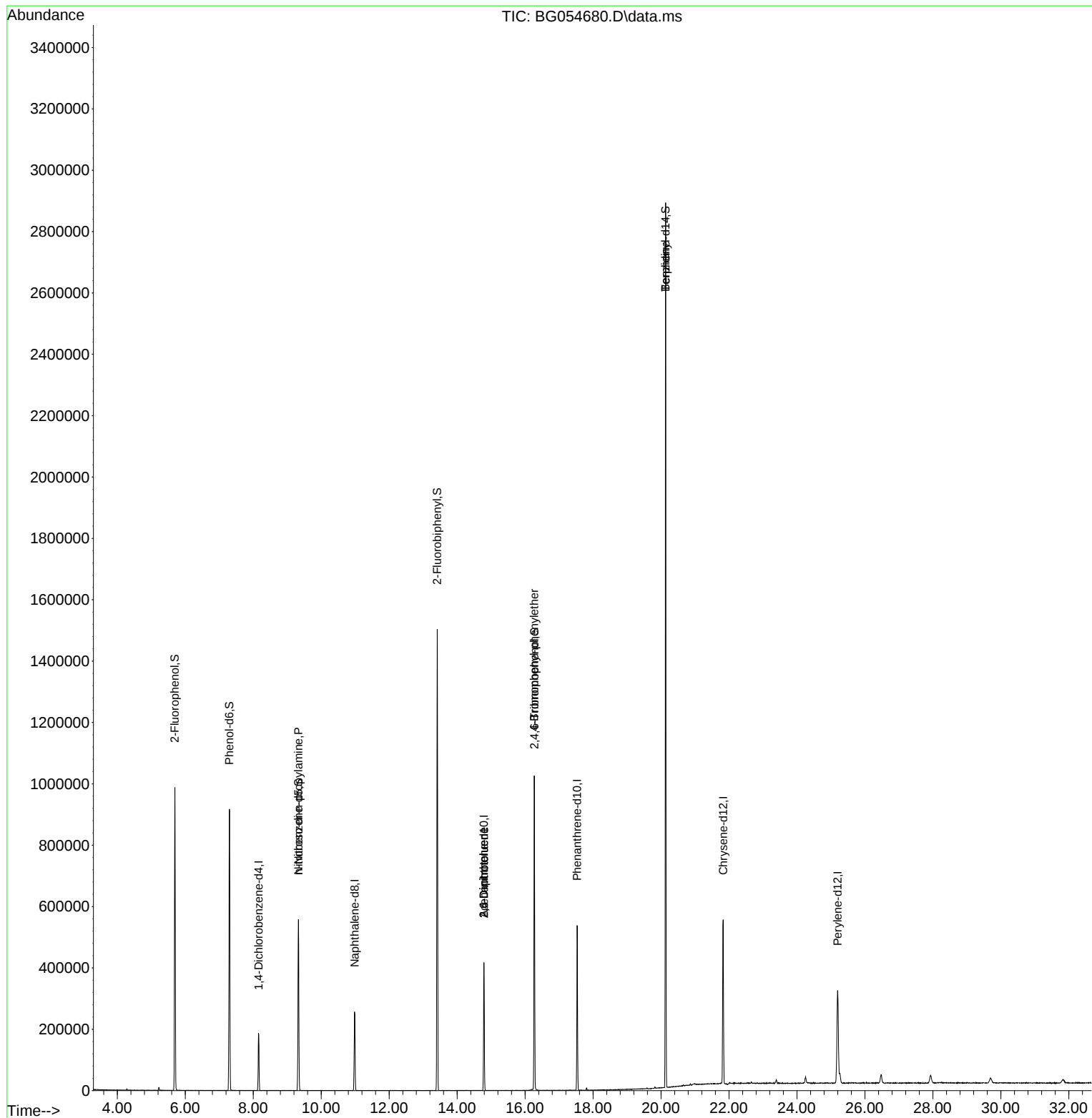
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.161	152	57574	20.000	ng	0.00
21) Naphthalene-d8	10.981	136	231717	20.000	ng	0.00
39) Acenaphthene-d10	14.789	164	150273	20.000	ng	0.00
64) Phenanthrene-d10	17.532	188	342290	20.000	ng	0.00
76) Chrysene-d12	21.827	240	339921	20.000	ng	0.00
86) Perylene-d12	25.194	264	343258	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	438339	137.859	ng	0.00
7) Phenol-d6	7.297	99	577024	129.763	ng	0.00
23) Nitrobenzene-d5	9.330	82	341605	85.113	ng	0.00
42) 2,4,6-Tribromophenol	16.275	330	197683	125.986	ng	0.00
45) 2-Fluorobiphenyl	13.414	172	813976	84.846	ng	0.00
79) Terphenyl-d14	20.135	244	1364708	85.810	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.330	70	43577	14.922	ng	# 78
51) 2,6-Dinitrotoluene	14.789	165	19854	9.887	ng	# 23
57) 2,4-Dinitrotoluene	14.789	165	19854	7.367	ng	# 24
65) 4,6-Dinitro-2-methylph...	16.228	198	63	Below Cal		# 35
67) 4-Bromophenyl-phenylether	16.269	248	13084	3.772	ng	# 1
77) Benzidine	20.135	184	20955	3.288	ng	# 92

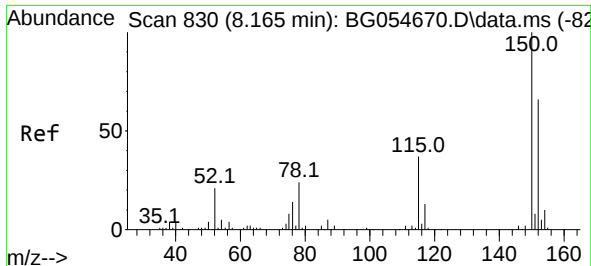
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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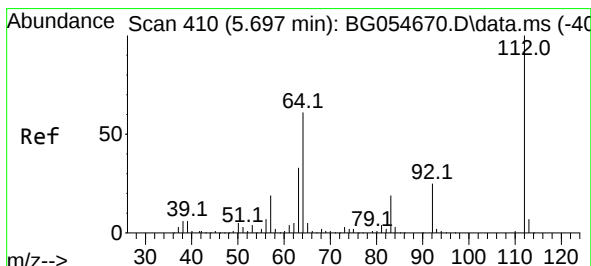
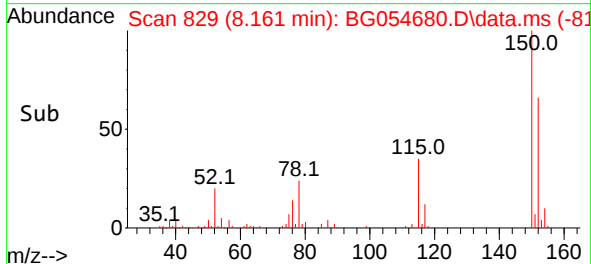
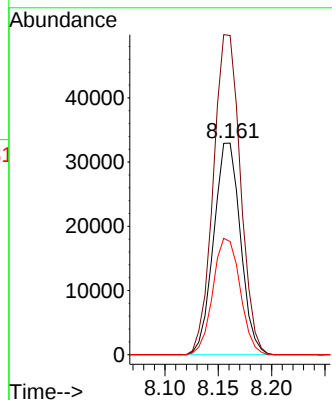
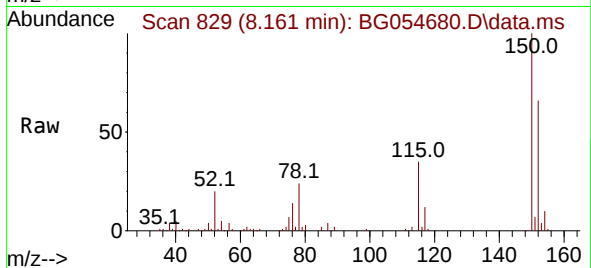




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.161 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG054680.D
Acq: 20 Aug 2022 3:31

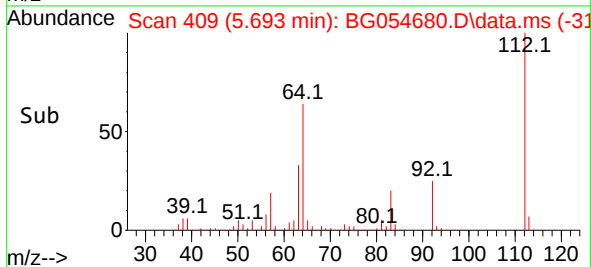
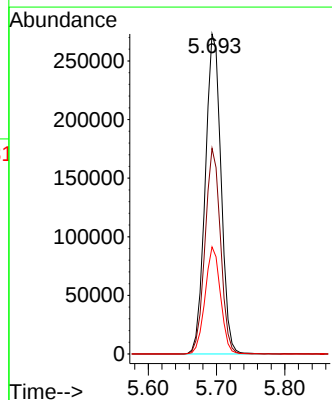
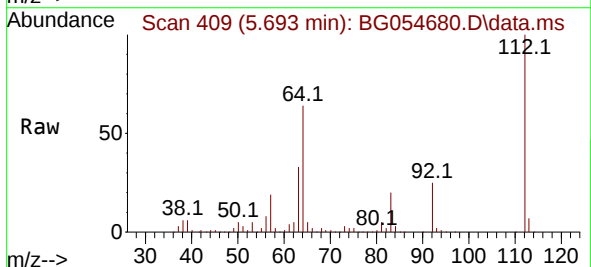
Instrument :
BNA_G
ClientSampleId :
PB147107BL

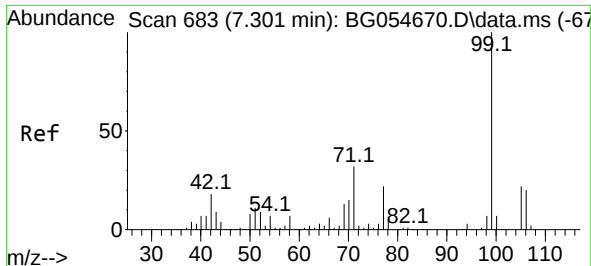
Tgt Ion:152 Resp: 57574
Ion Ratio Lower Upper
152 100
150 150.9 121.7 182.5
115 53.5 45.3 67.9



#5
2-Fluorophenol
Concen: 137.859 ng
RT: 5.693 min Scan# 409
Delta R.T. -0.004 min
Lab File: BG054680.D
Acq: 20 Aug 2022 3:31

Tgt Ion:112 Resp: 438339
Ion Ratio Lower Upper
112 100
64 64.3 48.6 73.0
63 33.4 26.3 39.5

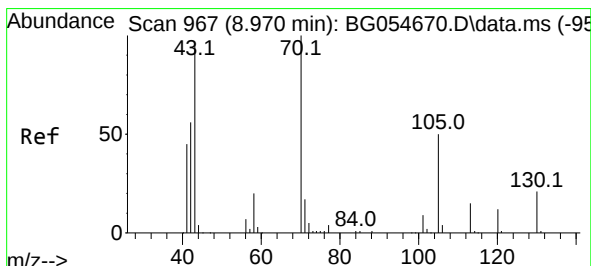
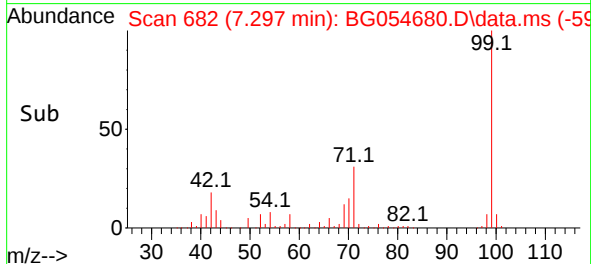
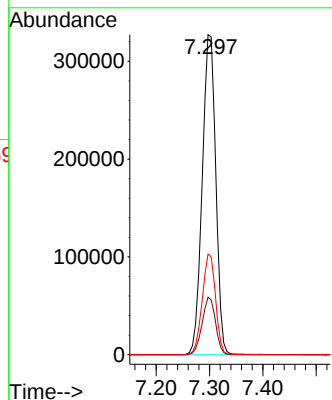
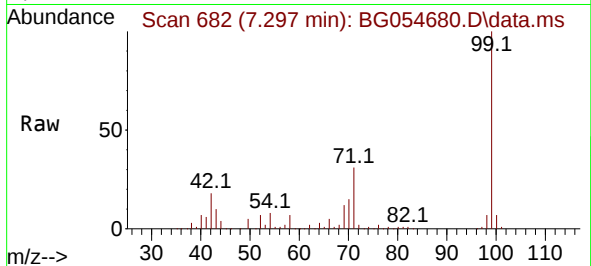




#7
Phenol-d6
Concen: 129.763 ng
RT: 7.297 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG054680.D
Acq: 20 Aug 2022 3:31

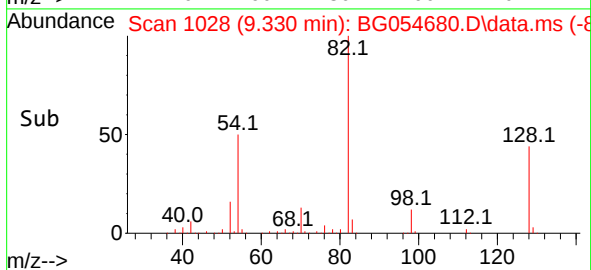
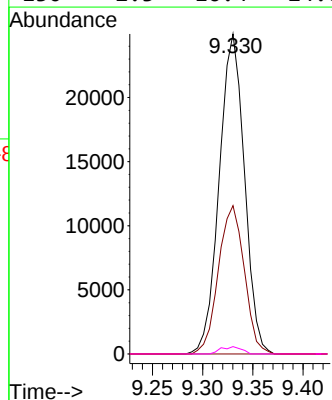
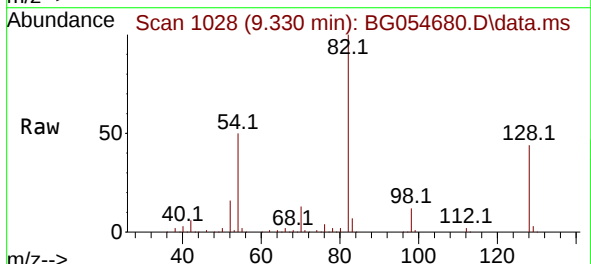
Instrument :
BNA_G
ClientSampleId :
PB147107BL

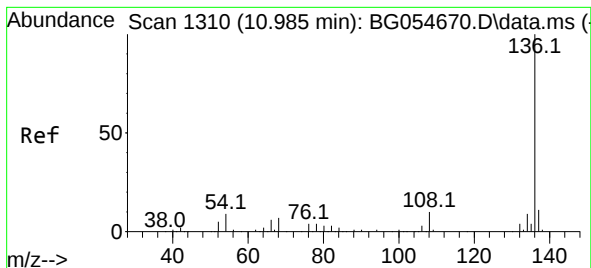
Tgt Ion: 99 Resp: 577024
Ion Ratio Lower Upper
99 100
42 18.0 14.0 21.0
71 31.4 25.3 37.9



#19
n-Nitroso-di-n-propylamine
Concen: 14.922 ng
RT: 9.330 min Scan# 1028
Delta R.T. 0.360 min
Lab File: BG054680.D
Acq: 20 Aug 2022 3:31

Tgt Ion: 70 Resp: 43577
Ion Ratio Lower Upper
70 100
42 46.3 45.8 68.8
101 0.0 7.1 10.7#
130 2.3 16.4 24.6#



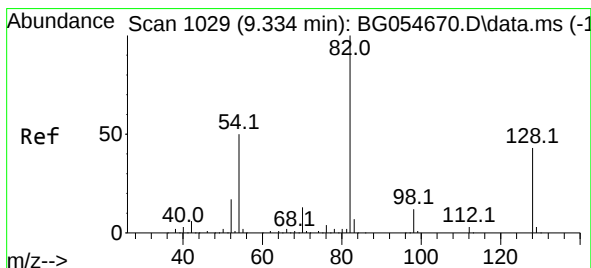
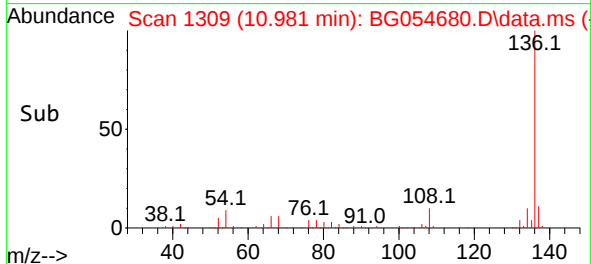
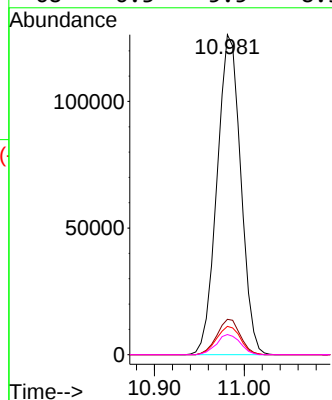
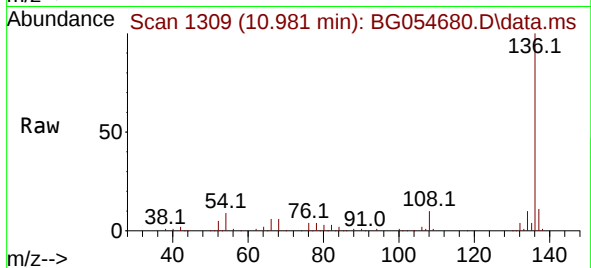


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.981 min Scan# 1309
Delta R.T. -0.004 min
Lab File: BG054680.D
Acq: 20 Aug 2022 3:31

Instrument :
BNA_G
ClientSampleId :
PB147107BL

Tgt Ion:136 Resp: 231717

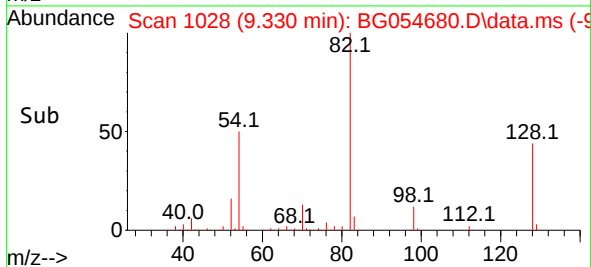
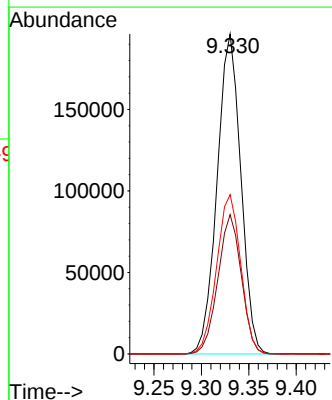
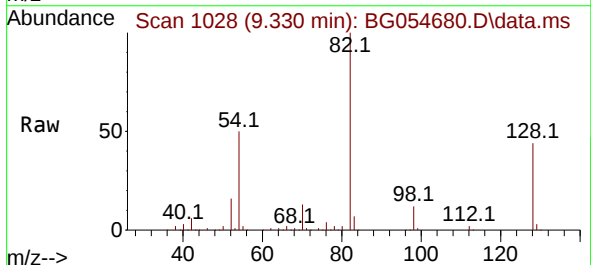
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	8.9	7.4	11.0
68	6.3	5.5	8.3

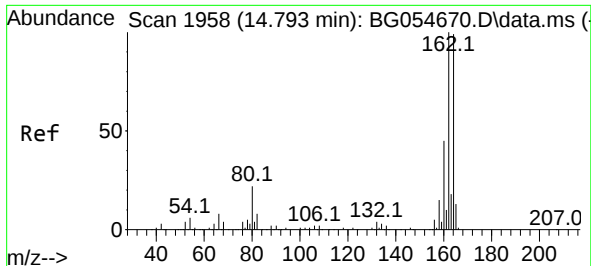


#23
Nitrobenzene-d5
Concen: 85.113 ng
RT: 9.330 min Scan# 1028
Delta R.T. -0.004 min
Lab File: BG054680.D
Acq: 20 Aug 2022 3:31

Tgt Ion: 82 Resp: 341605

Ion	Ratio	Lower	Upper
82	100		
128	43.6	34.3	51.5
54	49.8	40.0	60.0

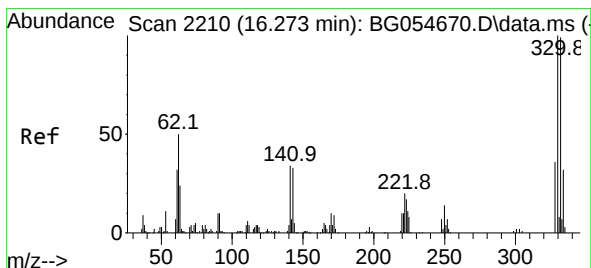
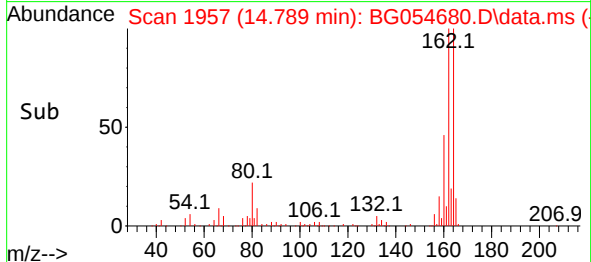
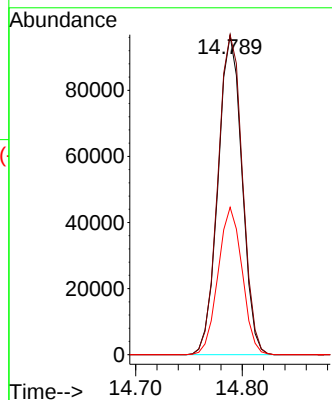
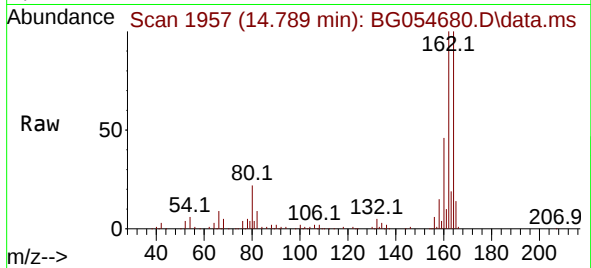




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.789 min Scan# 1957
Delta R.T. -0.004 min
Lab File: BG054680.D
Acq: 20 Aug 2022 3:31

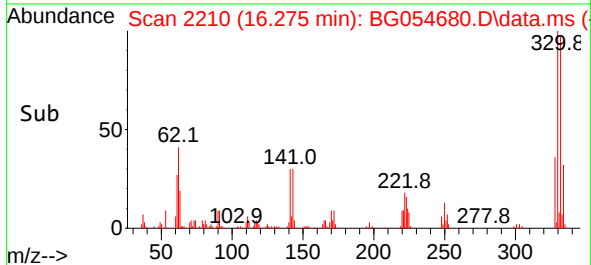
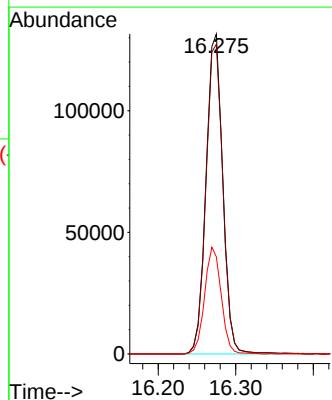
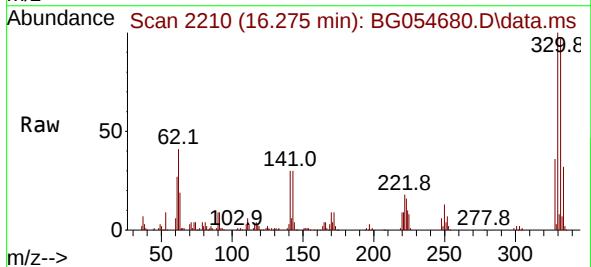
Instrument :
BNA_G
ClientSampleId :
PB147107BL

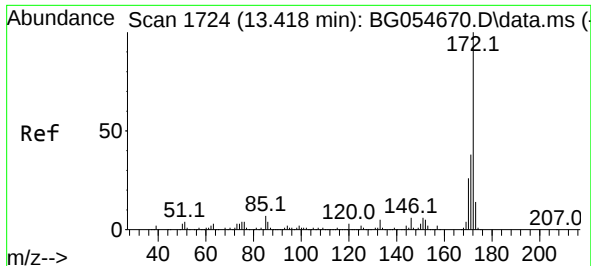
Tgt Ion:164 Resp: 150273
Ion Ratio Lower Upper
164 100
162 100.3 80.9 121.3
160 46.2 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 125.986 ng
RT: 16.275 min Scan# 2210
Delta R.T. 0.002 min
Lab File: BG054680.D
Acq: 20 Aug 2022 3:31

Tgt Ion:330 Resp: 197683
Ion Ratio Lower Upper
330 100
332 97.7 77.2 115.8
141 33.0 26.2 39.2

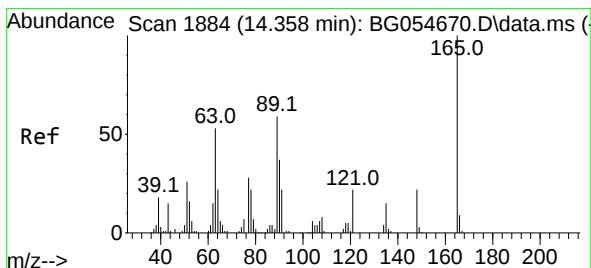
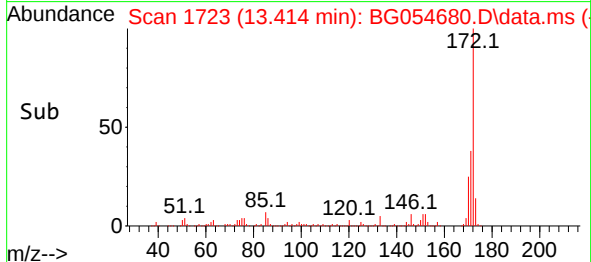
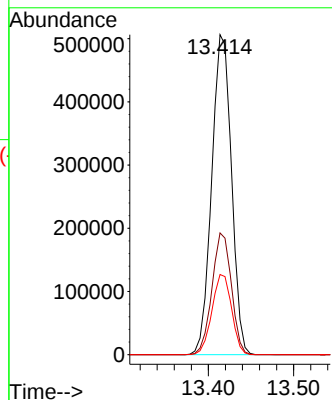
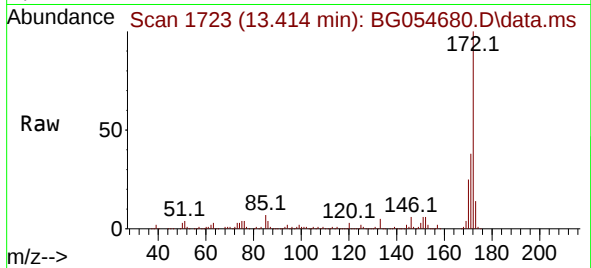




#45
2-Fluorobiphenyl
Concen: 84.846 ng
RT: 13.414 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG054680.D
Acq: 20 Aug 2022 3:31

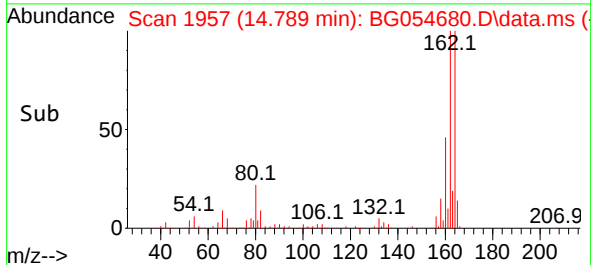
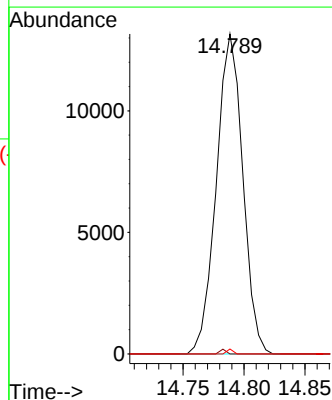
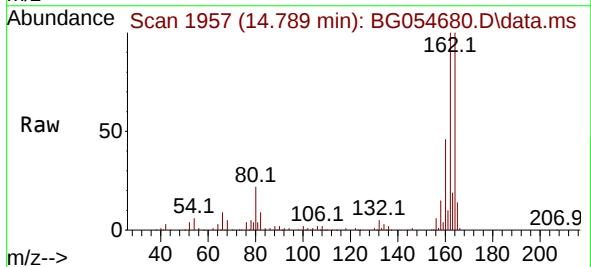
Instrument :
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ClientSampleId :
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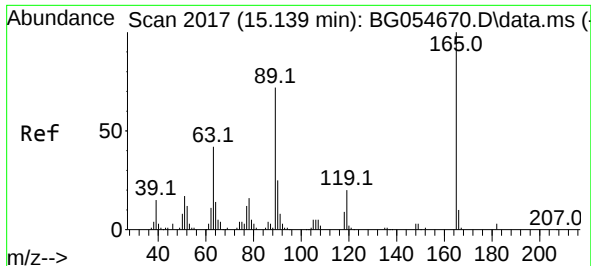
Tgt Ion:172 Resp: 813976
Ion Ratio Lower Upper
172 100
171 38.0 30.0 45.0
170 25.1 20.4 30.6



#51
2,6-Dinitrotoluene
Concen: 9.887 ng
RT: 14.789 min Scan# 1957
Delta R.T. 0.431 min
Lab File: BG054680.D
Acq: 20 Aug 2022 3:31

Tgt Ion:165 Resp: 19854
Ion Ratio Lower Upper
165 100
63 0.0 44.6 67.0#
89 1.5 47.4 71.2#

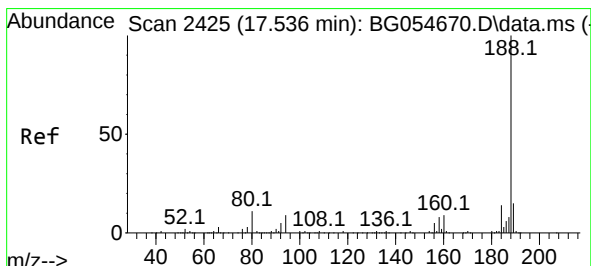
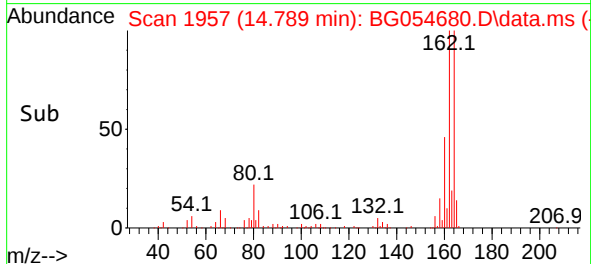
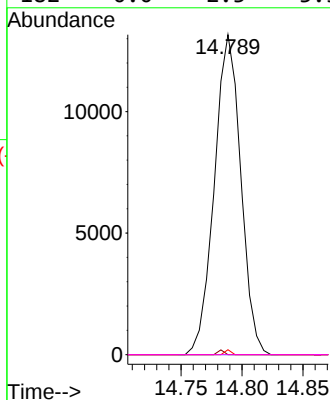
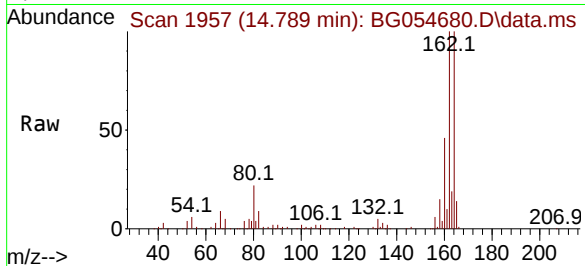




#57
2,4-Dinitrotoluene
Concen: 7.367 ng
RT: 14.789 min Scan# 1957
Delta R.T. -0.351 min
Lab File: BG054680.D
Acq: 20 Aug 2022 3:31

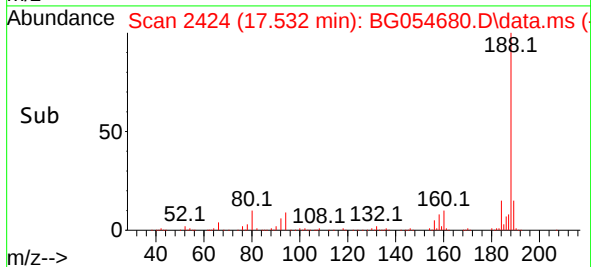
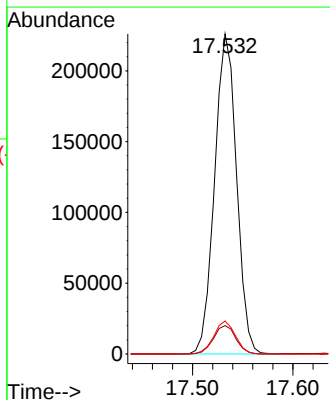
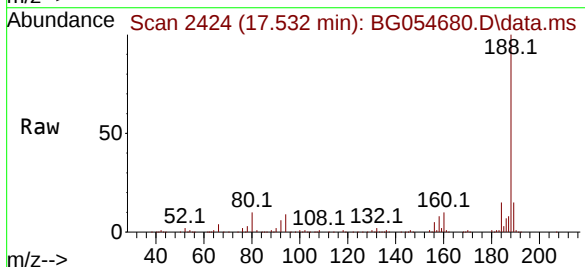
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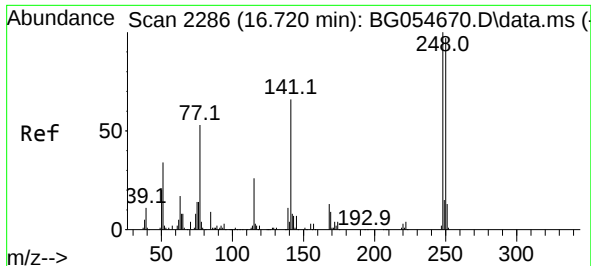
Tgt Ion:165 Resp: 19854
Ion Ratio Lower Upper
165 100
63 0.0 33.7 50.5#
89 1.5 57.8 86.6#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.532 min Scan# 2424
Delta R.T. -0.004 min
Lab File: BG054680.D
Acq: 20 Aug 2022 3:31

Tgt Ion:188 Resp: 342290
Ion Ratio Lower Upper
188 100
94 8.8 7.4 11.0
80 10.3 8.4 12.6

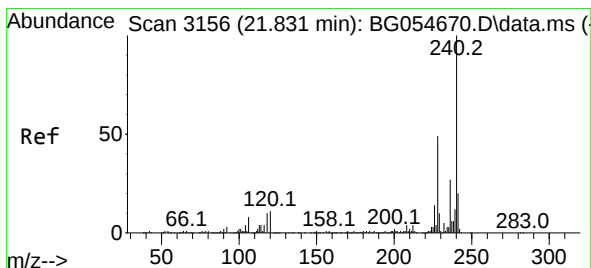
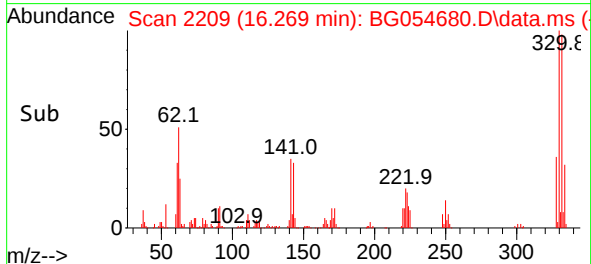
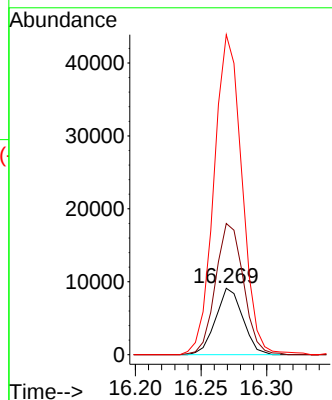
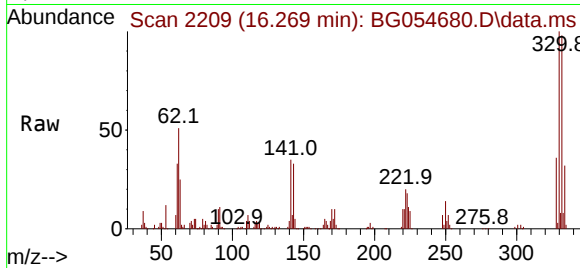




#67
4-Bromophenyl-phenylether
Concen: 3.772 ng
RT: 16.269 min Scan# 21
Delta R.T. -0.451 min
Lab File: BG054680.D
Acq: 20 Aug 2022 3:31

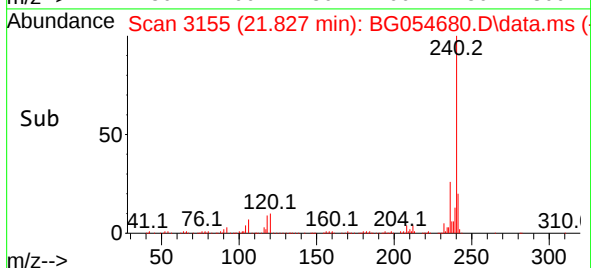
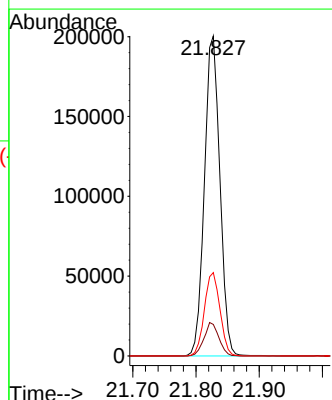
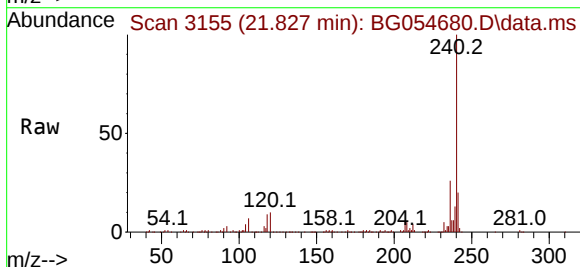
Instrument :
BNA_G
ClientSampleId :
PB147107BL

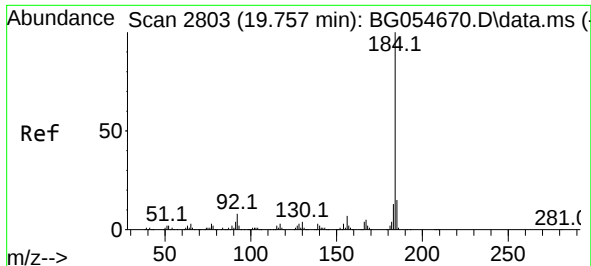
Tgt Ion:248 Resp: 13084
Ion Ratio Lower Upper
248 100
250 197.8 77.6 116.4#
141 482.3 53.0 79.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.827 min Scan# 3155
Delta R.T. -0.004 min
Lab File: BG054680.D
Acq: 20 Aug 2022 3:31

Tgt Ion:240 Resp: 339921
Ion Ratio Lower Upper
240 100
120 9.9 8.6 13.0
236 26.1 21.3 31.9

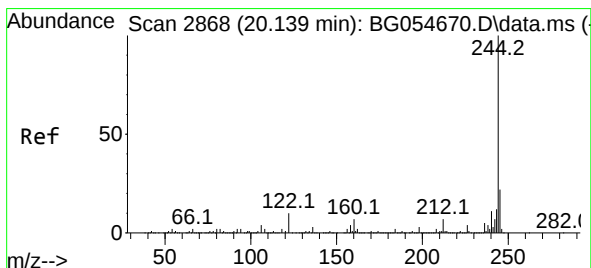
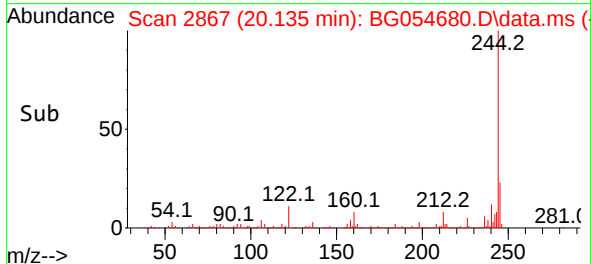
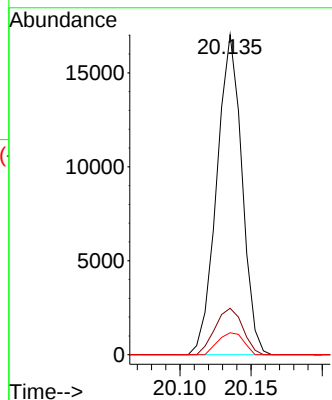
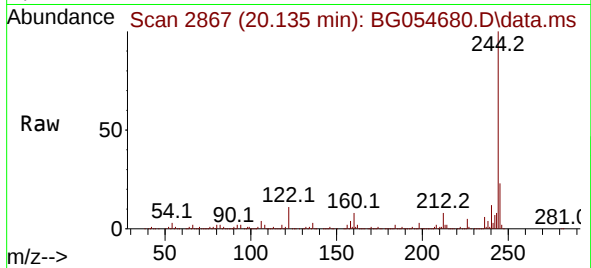




#77
Benzidine
Concen: 3.288 ng
RT: 20.135 min Scan# 2867
Delta R.T. 0.378 min
Lab File: BG054680.D
Acq: 20 Aug 2022 3:31

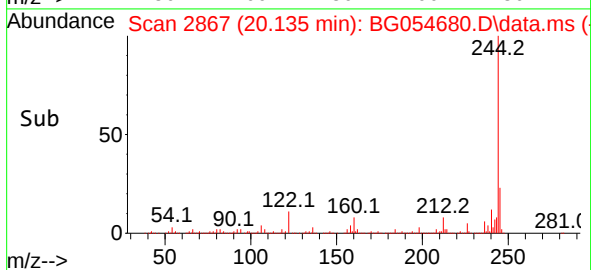
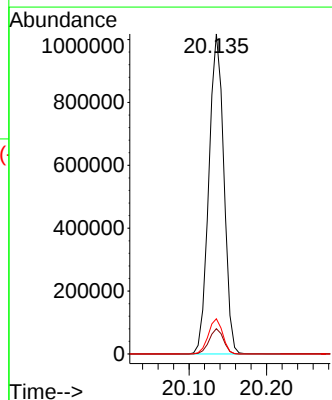
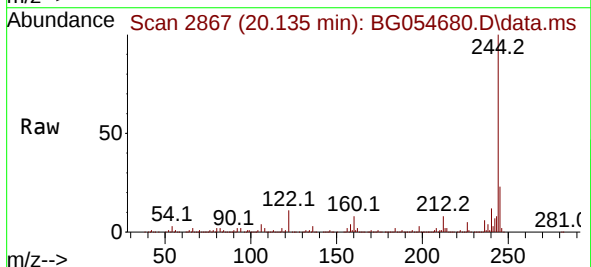
Instrument :
BNA_G
ClientSampleId :
PB147107BL

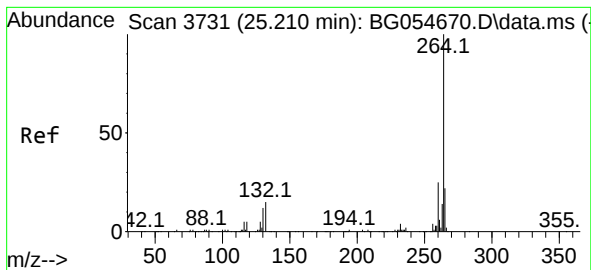
Tgt Ion:184 Resp: 20955
Ion Ratio Lower Upper
184 100
185 14.5 12.2 18.2
183 6.8 10.1 15.1#



#79
Terphenyl-d14
Concen: 85.810 ng
RT: 20.135 min Scan# 2867
Delta R.T. -0.004 min
Lab File: BG054680.D
Acq: 20 Aug 2022 3:31

Tgt Ion:244 Resp: 1364708
Ion Ratio Lower Upper
244 100
212 7.9 6.0 9.0
122 11.0 8.2 12.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.194 min Scan# 31
Delta R.T. -0.016 min
Lab File: BG054680.D
Acq: 20 Aug 2022 3:31

Instrument :
BNA_G
ClientSampleId :
PB147107BL

Tgt Ion:264 Resp: 343258
Ion Ratio Lower Upper
264 100
260 24.3 19.6 29.4
265 21.3 17.3 25.9

