

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112222\
 Data File : BG055734.D
 Acq On : 22 Nov 2022 10:47
 Operator : CG/JU
 Sample : PB149150BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB149150BL

Quant Time: Nov 23 01:37:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 23 01:35:20 2022
 Response via : Initial Calibration

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

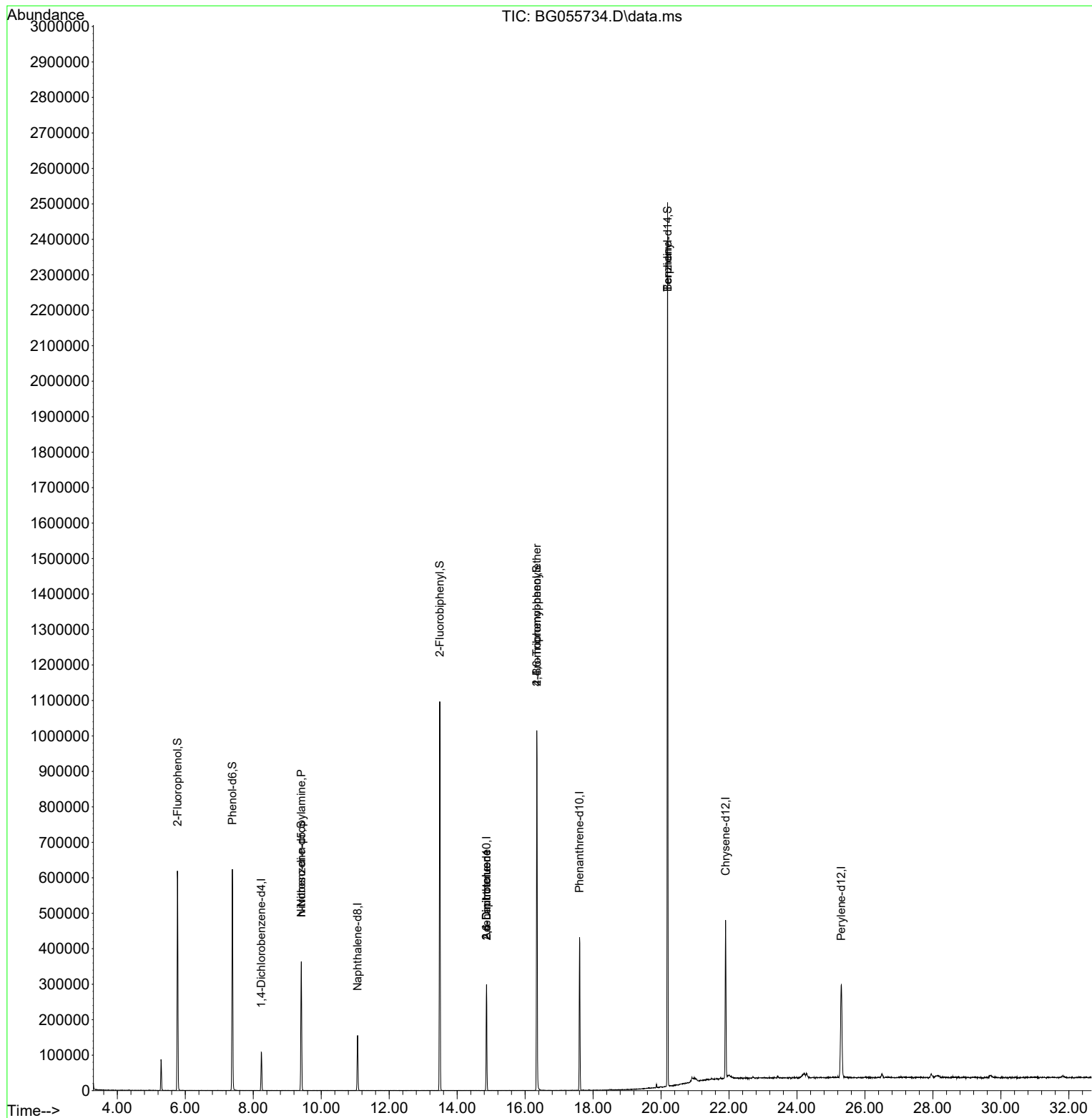
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.238	152	31836	20.000	ng	0.00
21) Naphthalene-d8	11.070	136	136949	20.000	ng	0.00
39) Acenaphthene-d10	14.865	164	106807	20.000	ng	0.00
64) Phenanthrene-d10	17.603	188	283978	20.000	ng	0.00
76) Chrysene-d12	21.898	240	281380	20.000	ng	0.00
86) Perylene-d12	25.300	264	295829	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.770	112	268898	152.669	ng	0.00
7) Phenol-d6	7.386	99	347125	148.054	ng	0.00
23) Nitrobenzene-d5	9.413	82	215643	83.226	ng	0.00
42) 2,4,6-Tribromophenol	16.346	330	214210	142.429	ng	0.00
45) 2-Fluorobiphenyl	13.490	172	577128	80.951	ng	0.00
79) Terphenyl-d14	20.194	244	1223639	86.980	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.413	70	29242	16.233	ng	# 75
51) 2,6-Dinitrotoluene	14.865	165	13926	7.999	ng	# 26
57) 2,4-Dinitrotoluene	14.865	165	13926	5.674	ng	# 24
67) 4-Bromophenyl-phenylether	16.346	248	13930	4.305	ng	# 1
77) Benzidine	20.194	184	19341	2.971	ng	# 93

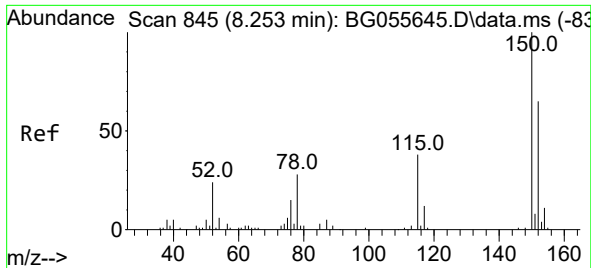
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112222\
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ALS Vial : 3 Sample Multiplier: 1

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

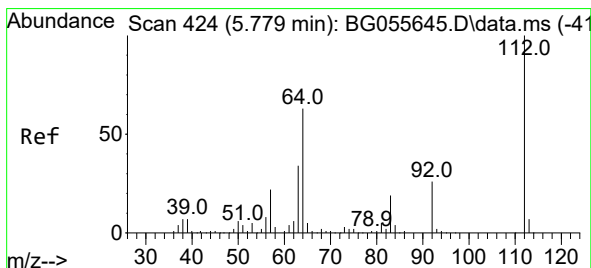
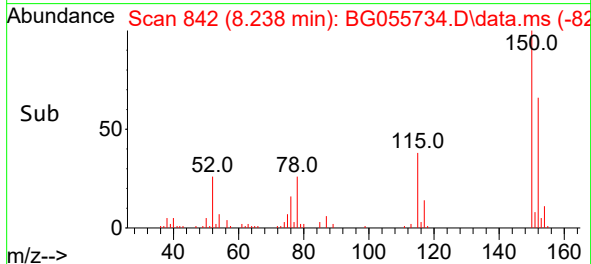
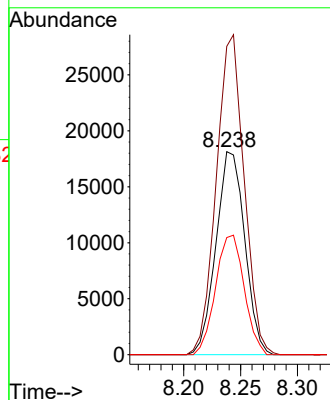
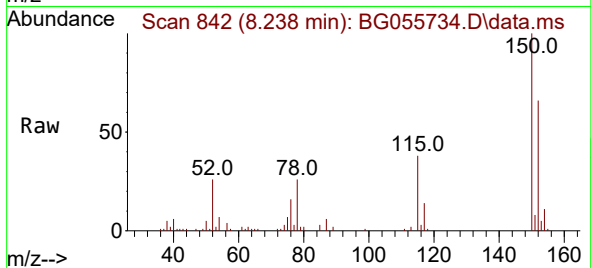




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.238 min Scan# 84
Delta R.T. -0.008 min
Lab File: BG055734.D
Acq: 22 Nov 2022 10:47

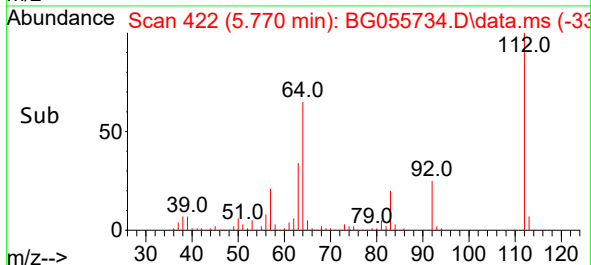
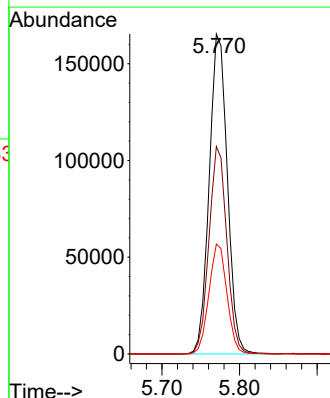
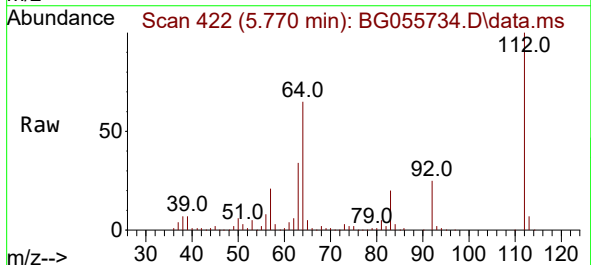
Instrument :
BNA_G
ClientSampleId :
PB149150BL

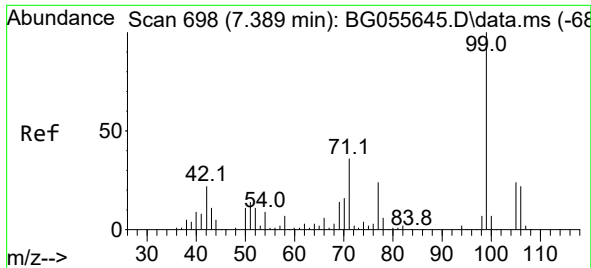
Tgt Ion:152 Resp: 31836
Ion Ratio Lower Upper
152 100
150 151.9 123.0 184.6
115 57.7 47.0 70.4



#5
2-Fluorophenol
Concen: 152.669 ng
RT: 5.770 min Scan# 422
Delta R.T. -0.002 min
Lab File: BG055734.D
Acq: 22 Nov 2022 10:47

Tgt Ion:112 Resp: 268898
Ion Ratio Lower Upper
112 100
64 64.9 50.6 76.0
63 34.4 27.5 41.3

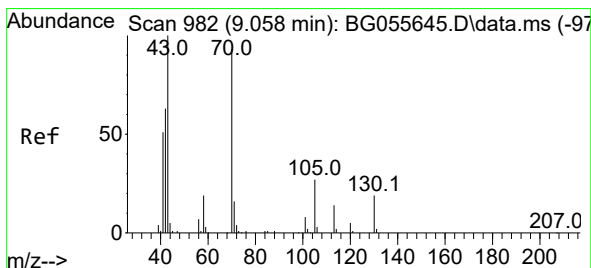
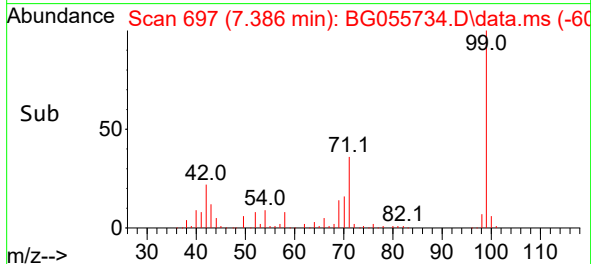
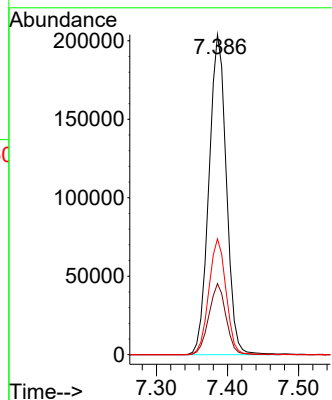
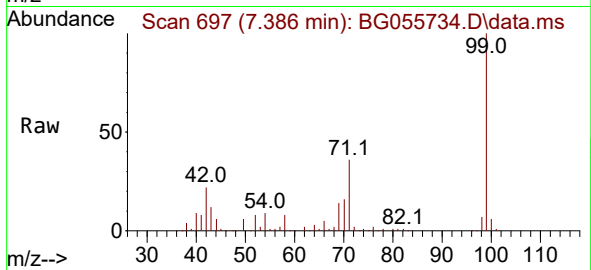




#7
Phenol-d6
Concen: 148.054 ng
RT: 7.386 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG055734.D
Acq: 22 Nov 2022 10:47

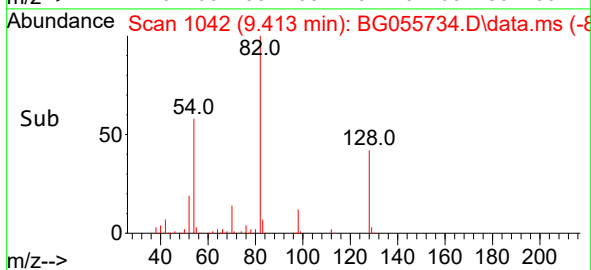
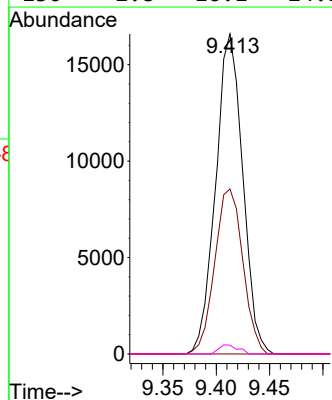
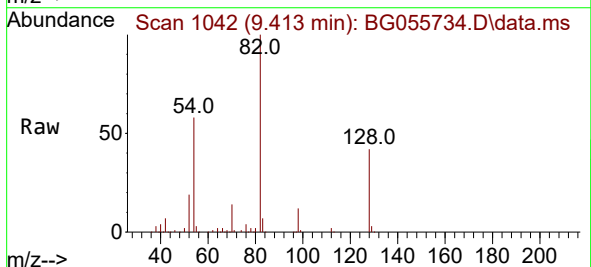
Instrument :
BNA_G
ClientSampleId :
PB149150BL

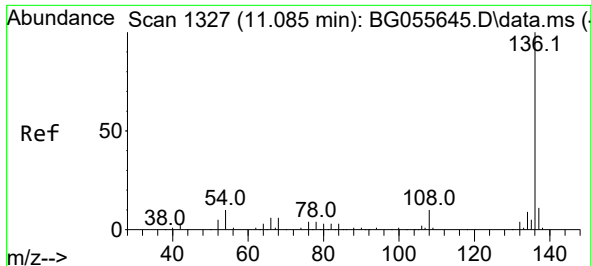
Tgt Ion: 99 Resp: 347125
Ion Ratio Lower Upper
99 100
42 22.2 18.0 27.0
71 36.2 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 16.233 ng
RT: 9.413 min Scan# 1042
Delta R.T. 0.368 min
Lab File: BG055734.D
Acq: 22 Nov 2022 10:47

Tgt Ion: 70 Resp: 29242
Ion Ratio Lower Upper
70 100
42 51.6 55.2 82.8#
101 0.0 7.1 10.7#
130 2.8 16.1 24.1#

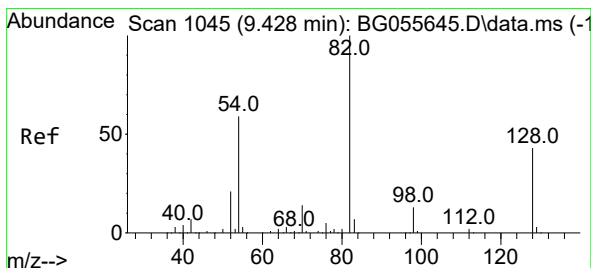
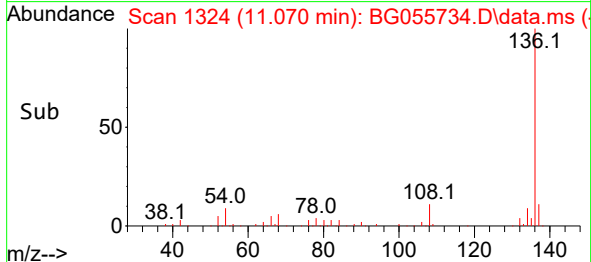
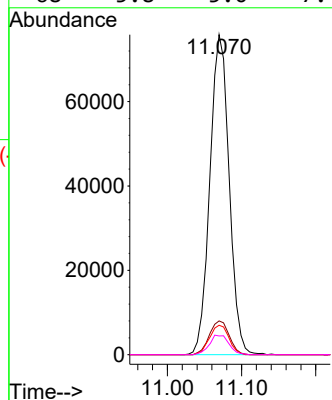
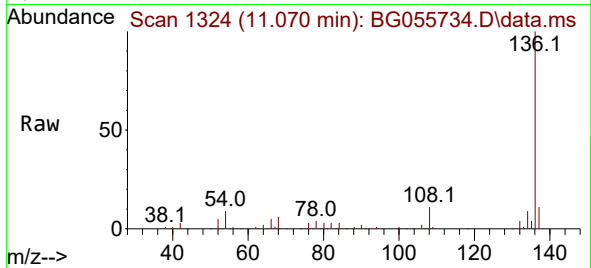




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.070 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG055734.D
Acq: 22 Nov 2022 10:47

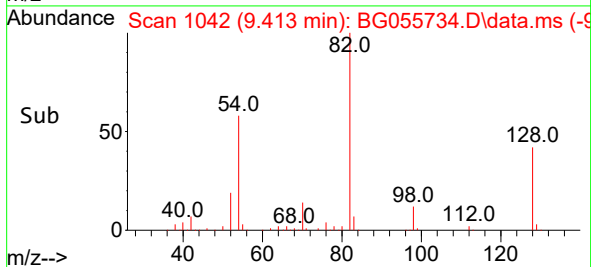
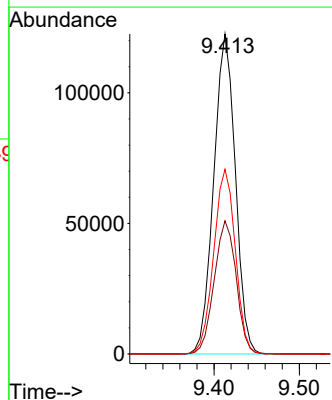
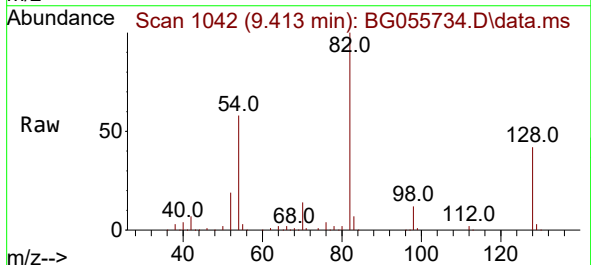
Instrument :
BNA_G
ClientSampleId :
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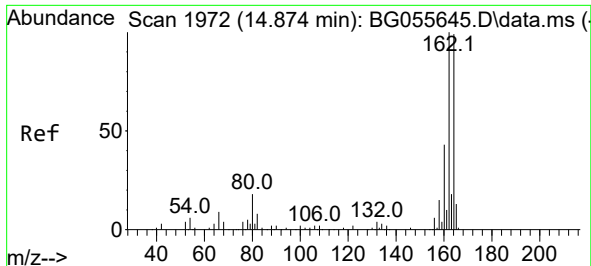
Tgt Ion:	136	Resp:	136949
Ion Ratio	Lower	Upper	
136	100		
137	10.6	9.0	13.6
54	9.2	7.8	11.6
68	5.8	5.0	7.4



#23
Nitrobenzene-d5
Concen: 83.226 ng
RT: 9.413 min Scan# 1042
Delta R.T. -0.002 min
Lab File: BG055734.D
Acq: 22 Nov 2022 10:47

Tgt Ion:	82	Resp:	215643
Ion Ratio	Lower	Upper	
82	100		
128	41.6	34.1	51.1
54	57.7	47.3	70.9

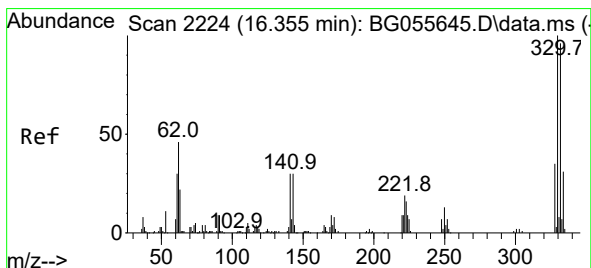
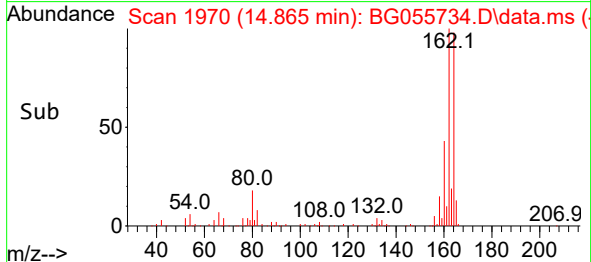
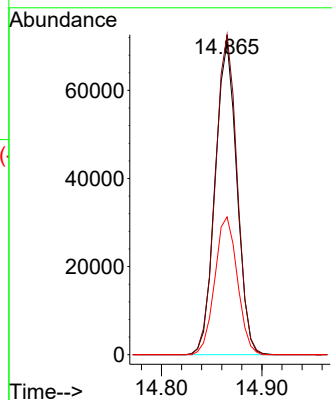
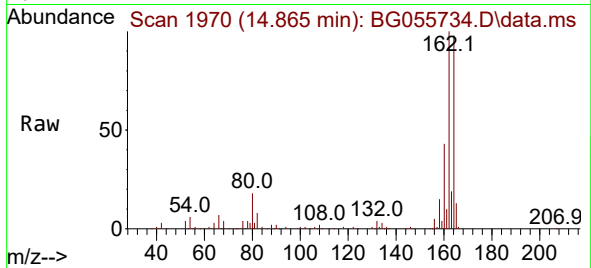




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.865 min Scan# 1972
Delta R.T. -0.002 min
Lab File: BG055734.D
Acq: 22 Nov 2022 10:47

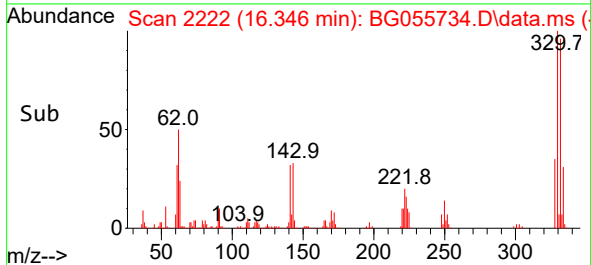
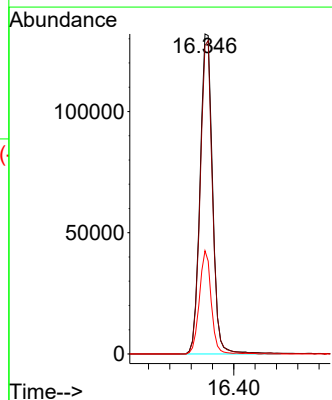
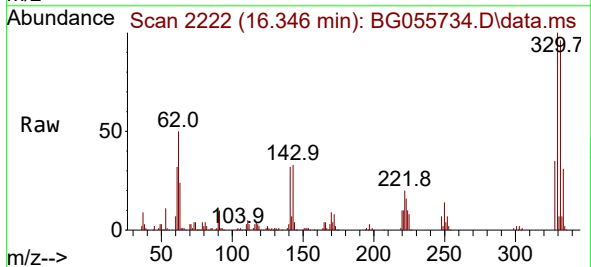
Instrument :
BNA_G
ClientSampleId :
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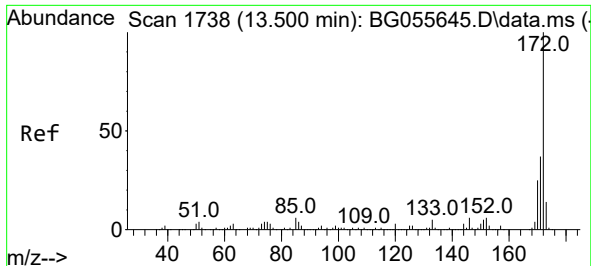
Tgt Ion:164 Resp: 106807
Ion Ratio Lower Upper
164 100
162 102.4 81.1 121.7
160 44.1 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 142.429 ng
RT: 16.346 min Scan# 2222
Delta R.T. -0.002 min
Lab File: BG055734.D
Acq: 22 Nov 2022 10:47

Tgt Ion:330 Resp: 214210
Ion Ratio Lower Upper
330 100
332 95.8 77.8 116.8
141 30.6 23.9 35.9

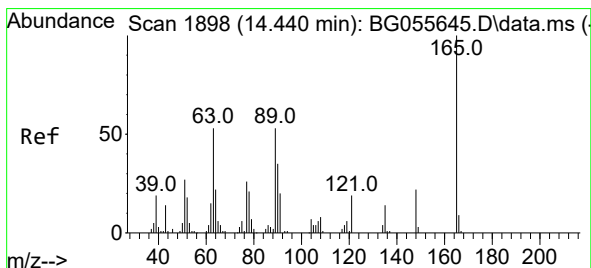
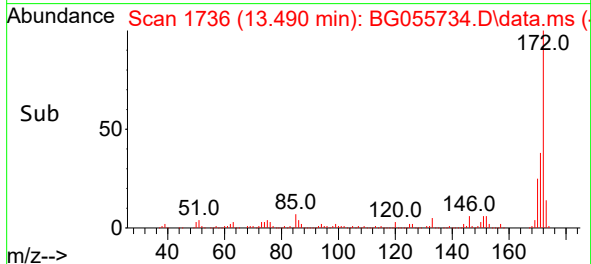
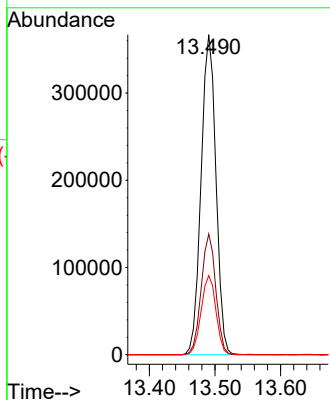
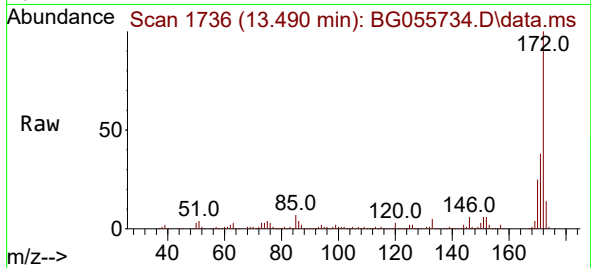




#45
2-Fluorobiphenyl
Concen: 80.951 ng
RT: 13.490 min Scan# 1736
Delta R.T. -0.002 min
Lab File: BG055734.D
Acq: 22 Nov 2022 10:47

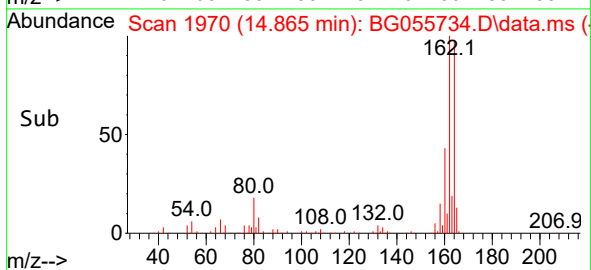
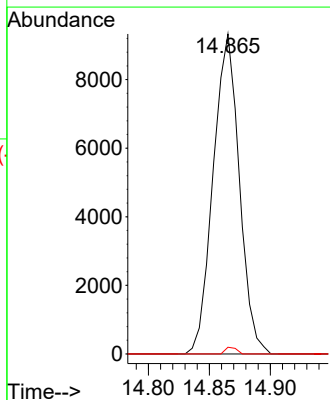
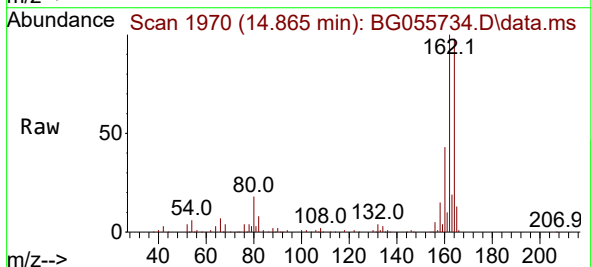
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ClientSampleId :
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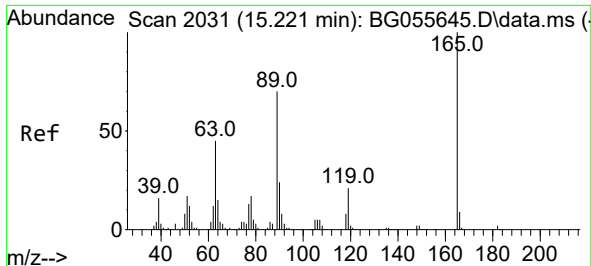
Tgt Ion:172 Resp: 577128
Ion Ratio Lower Upper
172 100
171 37.7 29.8 44.6
170 24.7 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 7.999 ng
RT: 14.865 min Scan# 1970
Delta R.T. 0.433 min
Lab File: BG055734.D
Acq: 22 Nov 2022 10:47

Tgt Ion:165 Resp: 13926
Ion Ratio Lower Upper
165 100
63 0.0 44.6 66.8#
89 2.1 42.2 63.4#

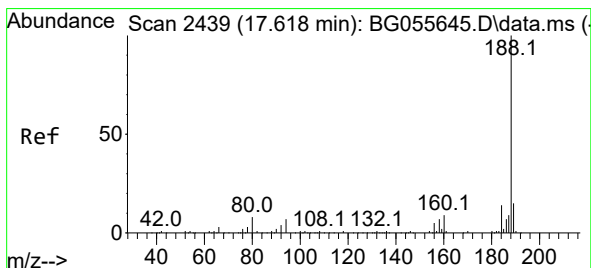
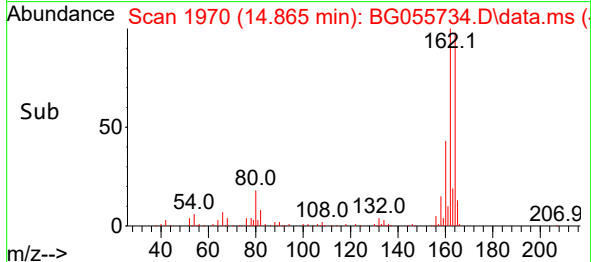
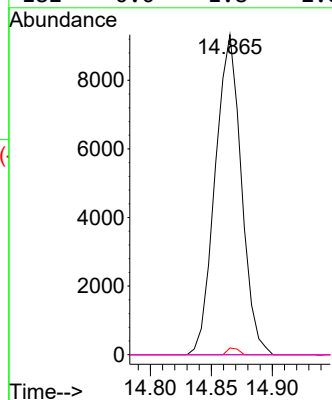
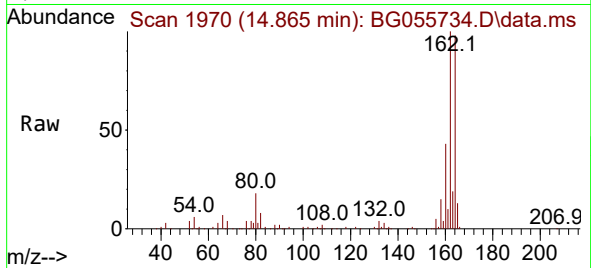




#57
2,4-Dinitrotoluene
Concen: 5.674 ng
RT: 14.865 min Scan# 14
Delta R.T. -0.355 min
Lab File: BG055734.D
Acq: 22 Nov 2022 10:47

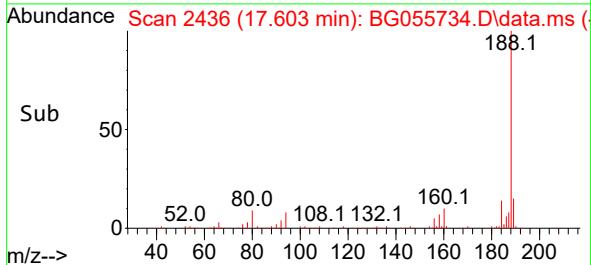
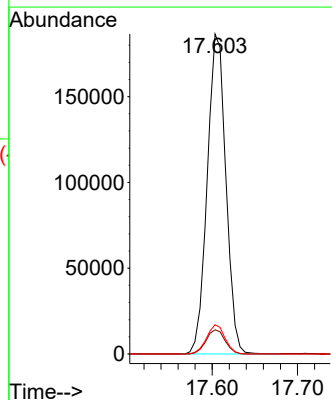
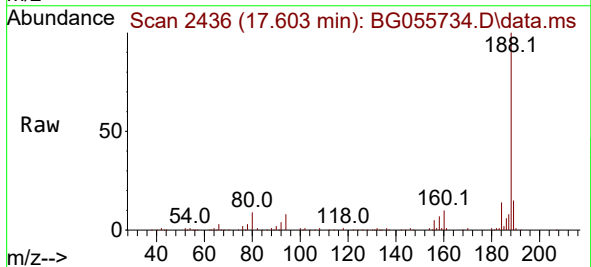
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ClientSampleId :
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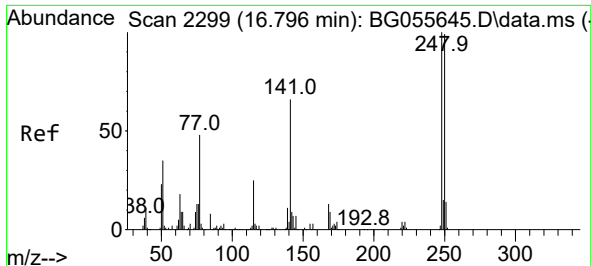
Tgt Ion:165 Resp: 13926
Ion Ratio Lower Upper
165 100
63 0.0 35.8 53.8#
89 2.1 56.2 84.4#
182 0.0 1.8 2.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.603 min Scan# 2436
Delta R.T. -0.002 min
Lab File: BG055734.D
Acq: 22 Nov 2022 10:47

Tgt Ion:188 Resp: 283978
Ion Ratio Lower Upper
188 100
94 7.6 5.4 8.2
80 9.1 6.6 10.0

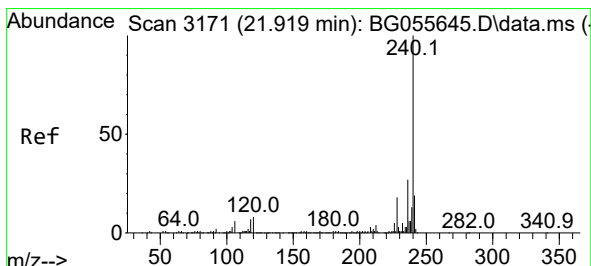
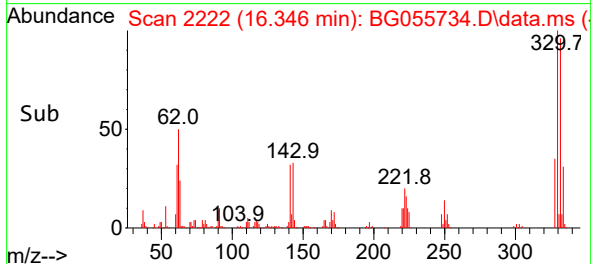
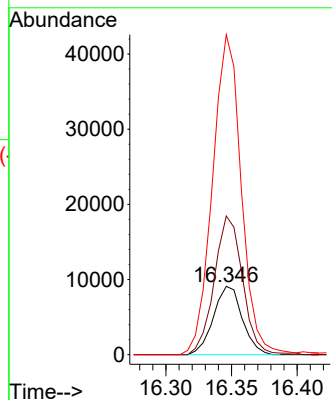
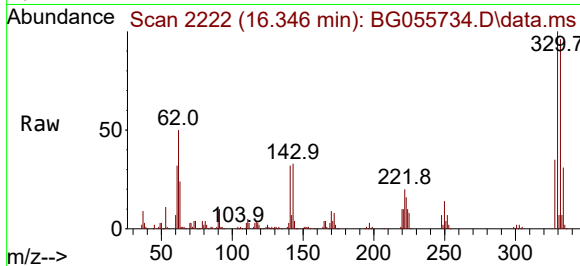




#67
4-Bromophenyl-phenylether
Concen: 4.305 ng
RT: 16.346 min Scan# 211
Delta R.T. -0.443 min
Lab File: BG055734.D
Acq: 22 Nov 2022 10:47

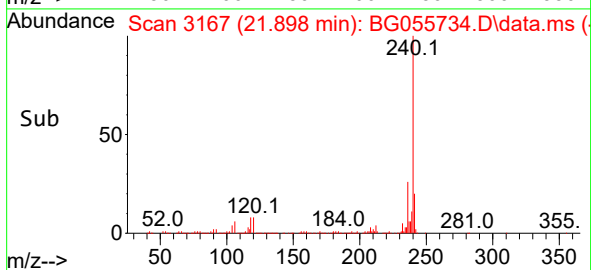
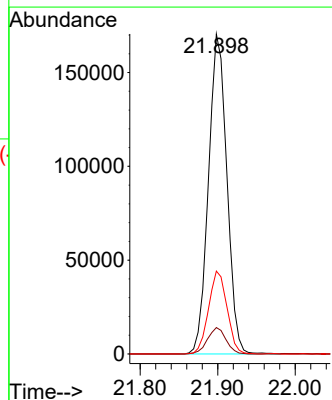
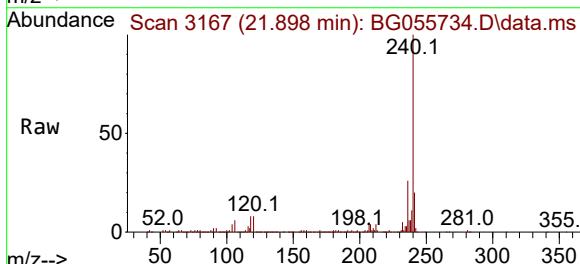
Instrument :
BNA_G
ClientSampleId :
PB149150BL

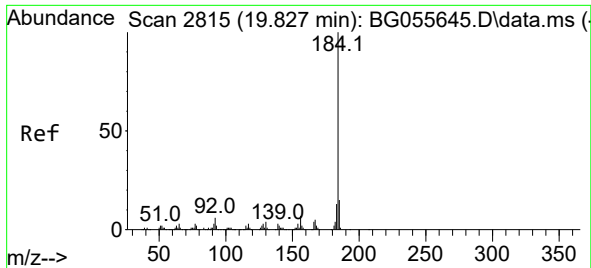
Tgt Ion:248 Resp: 13930
Ion Ratio Lower Upper
248 100
250 203.2 79.0 118.4#
141 468.8 52.9 79.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.898 min Scan# 3167
Delta R.T. -0.008 min
Lab File: BG055734.D
Acq: 22 Nov 2022 10:47

Tgt Ion:240 Resp: 281380
Ion Ratio Lower Upper
240 100
120 8.3 6.3 9.5
236 25.9 21.9 32.9

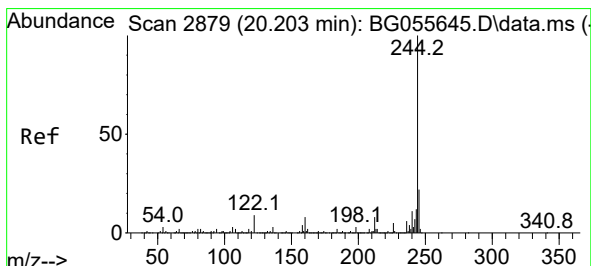
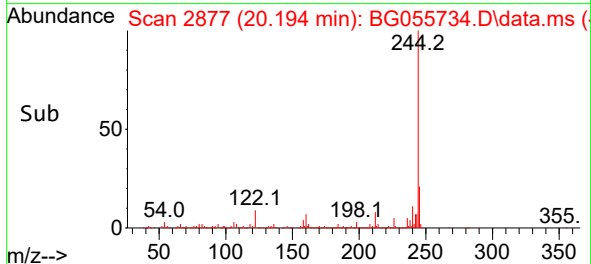
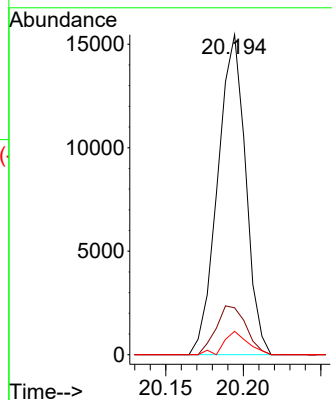
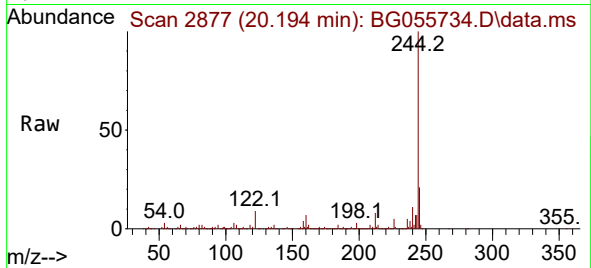




#77
Benzidine
Concen: 2.971 ng
RT: 20.194 min Scan# 2877
Delta R.T. 0.380 min
Lab File: BG055734.D
Acq: 22 Nov 2022 10:47

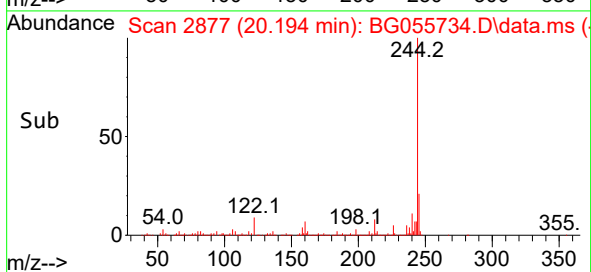
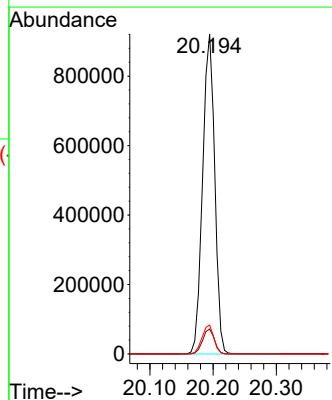
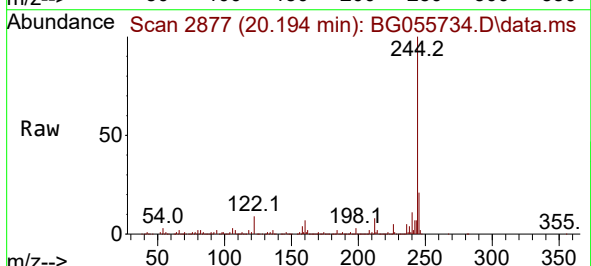
Instrument :
BNA_G
ClientSampleId :
PB149150BL

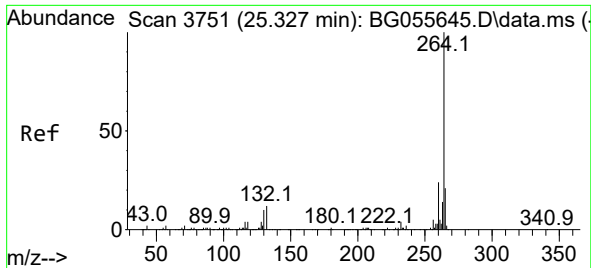
Tgt Ion:184 Resp: 19341
Ion Ratio Lower Upper
184 100
185 14.7 11.8 17.8
183 7.3 10.6 15.8#



#79
Terphenyl-d14
Concen: 86.980 ng
RT: 20.194 min Scan# 2877
Delta R.T. 0.004 min
Lab File: BG055734.D
Acq: 22 Nov 2022 10:47

Tgt Ion:244 Resp: 1223639
Ion Ratio Lower Upper
244 100
212 7.8 6.3 9.5
122 9.1 6.9 10.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.300 min Scan# 31
 Delta R.T. -0.002 min
 Lab File: BG055734.D
 Acq: 22 Nov 2022 10:47

Instrument :
 BNA_G
 ClientSampleId :
 PB149150BL

Tgt Ion:264 Resp: 295829
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 21.8 17.1 25.7

