

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112222\
 Data File : BG055743.D
 Acq On : 22 Nov 2022 17:12
 Operator : CG/JU
 Sample : N5749-15
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-83.5

Quant Time: Nov 23 01:39:21 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)

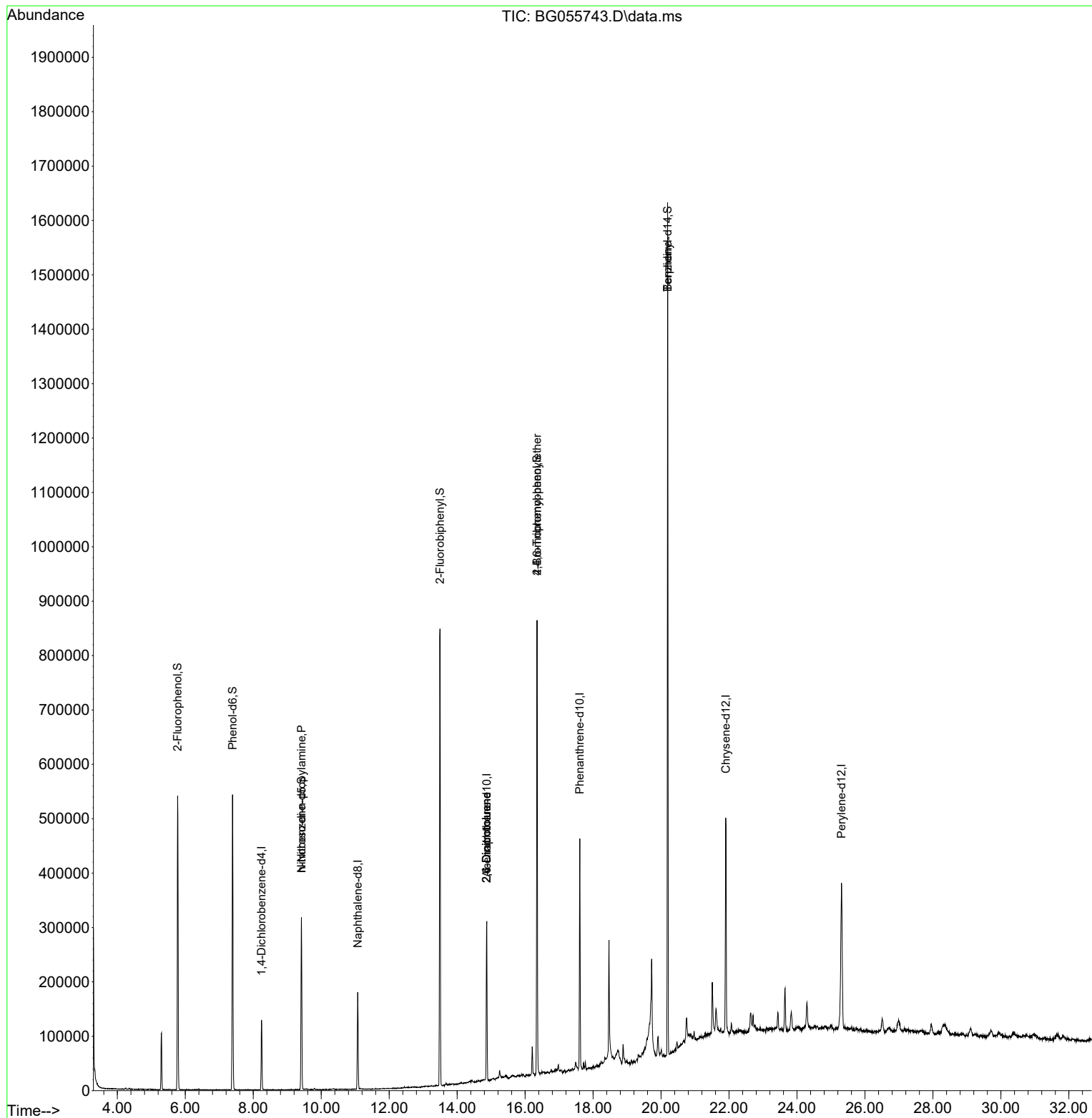
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.241	152	36906	20.000	ng	0.00
21) Naphthalene-d8	11.073	136	148862	20.000	ng	0.00
39) Acenaphthene-d10	14.869	164	107528	20.000	ng	0.00
64) Phenanthrene-d10	17.607	188	262290	20.000	ng	0.00
76) Chrysene-d12	21.902	240	256240	20.000	ng	0.00
86) Perylene-d12	25.309	264	272981	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.773	112	232039	113.644	ng	0.00
7) Phenol-d6	7.389	99	295866	108.856	ng	0.00
23) Nitrobenzene-d5	9.416	82	187703	66.646	ng	0.00
42) 2,4,6-Tribromophenol	16.349	330	168579	111.337	ng	0.00
45) 2-Fluorobiphenyl	13.494	172	452264	63.011	ng	0.00
79) Terphenyl-d14	20.192	244	769971	60.101	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.416	70	25458	12.191	ng	# 72
51) 2,6-Dinitrotoluene	14.863	165	14810	8.450	ng	# 26
57) 2,4-Dinitrotoluene	14.863	165	14810	5.993	ng	# 24
67) 4-Bromophenyl-phenylether	16.349	248	11065	3.703	ng	# 1
77) Benzidine	20.192	184	12125	2.045	ng	# 86

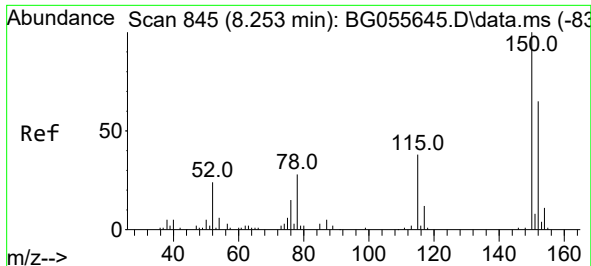
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112222\
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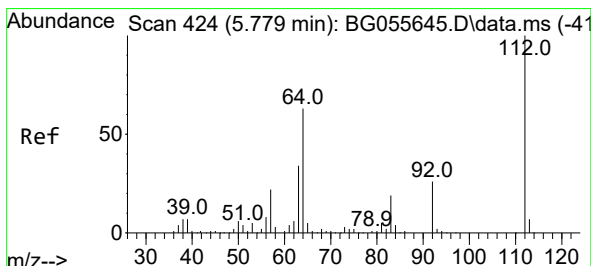
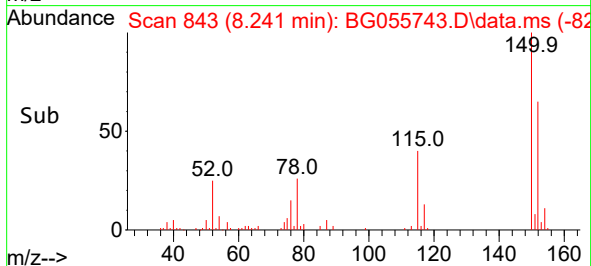
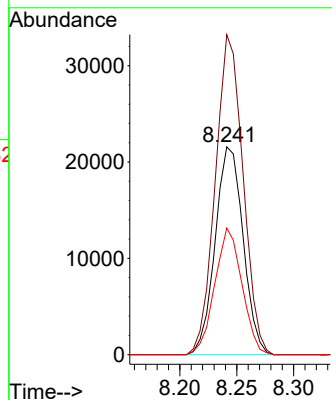
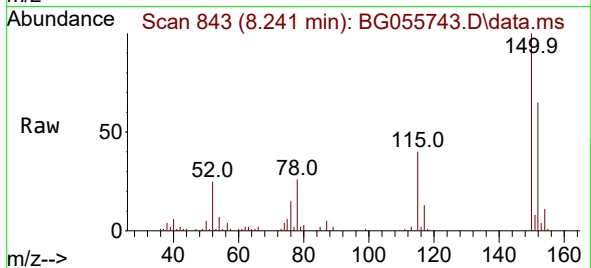




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.241 min Scan# 845
Delta R.T. -0.005 min
Lab File: BG055743.D
Acq: 22 Nov 2022 17:12

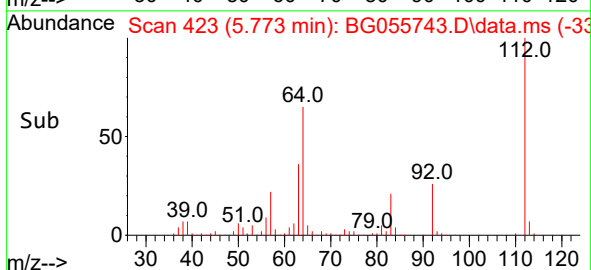
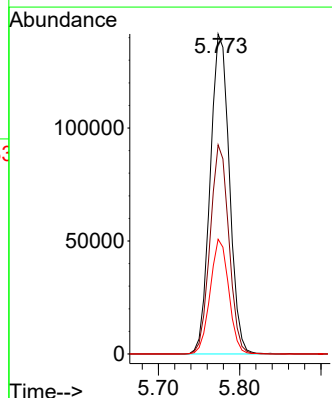
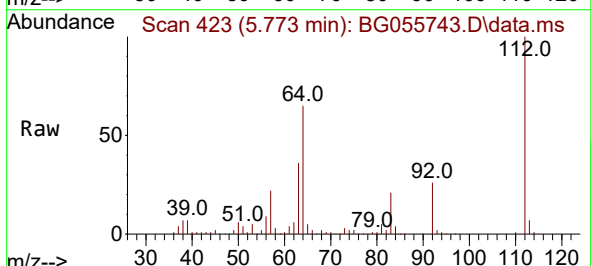
Instrument :
BNA_G
ClientSampleId :
MH-83.5

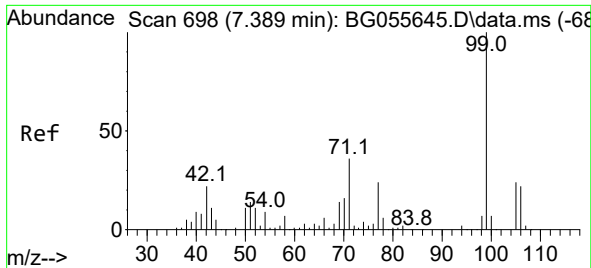
Tgt Ion:152 Resp: 36906
Ion Ratio Lower Upper
152 100
150 154.0 123.0 184.6
115 60.9 47.0 70.4



#5
2-Fluorophenol
Concen: 113.644 ng
RT: 5.773 min Scan# 423
Delta R.T. 0.001 min
Lab File: BG055743.D
Acq: 22 Nov 2022 17:12

Tgt Ion:112 Resp: 232039
Ion Ratio Lower Upper
112 100
64 65.3 50.6 76.0
63 35.9 27.5 41.3

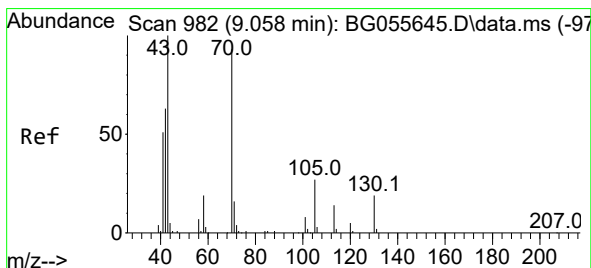
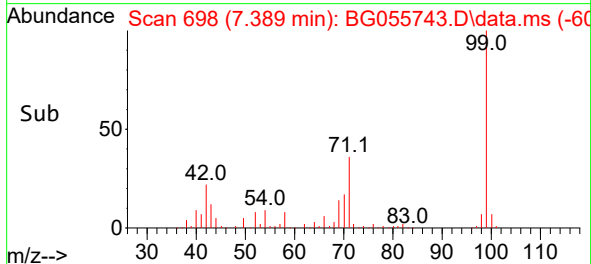
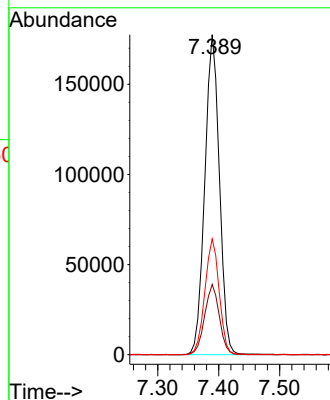
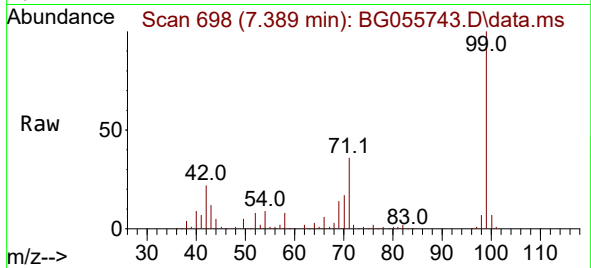




#7
Phenol-d6
Concen: 108.856 ng
RT: 7.389 min Scan# 698
Delta R.T. 0.001 min
Lab File: BG055743.D
Acq: 22 Nov 2022 17:12

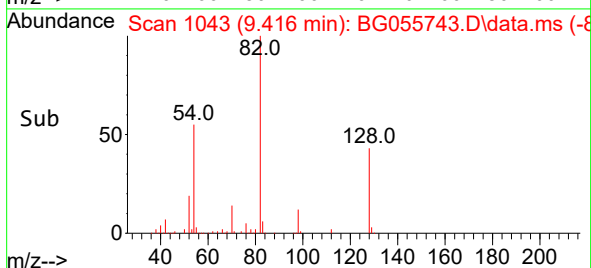
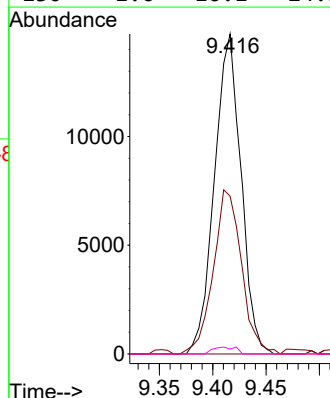
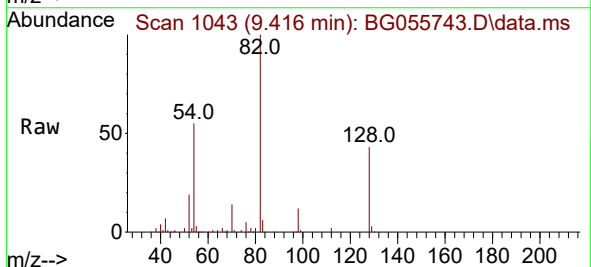
Instrument :
BNA_G
ClientSampleId :
MH-83.5

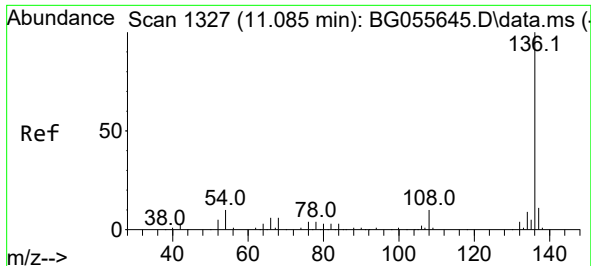
Tgt Ion: 99 Resp: 295866
Ion Ratio Lower Upper
99 100
42 22.0 18.0 27.0
71 36.2 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 12.191 ng
RT: 9.416 min Scan# 1043
Delta R.T. 0.371 min
Lab File: BG055743.D
Acq: 22 Nov 2022 17:12

Tgt Ion: 70 Resp: 25458
Ion Ratio Lower Upper
70 100
42 49.3 55.2 82.8#
101 0.0 7.1 10.7#
130 1.6 16.1 24.1#

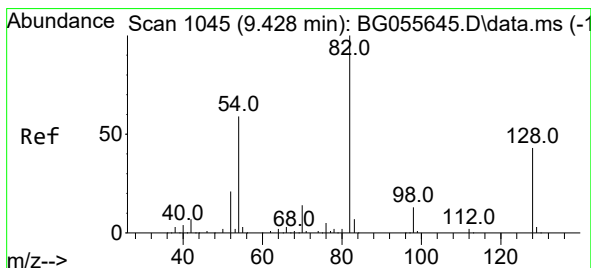
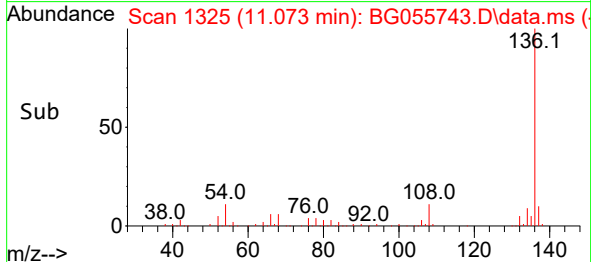
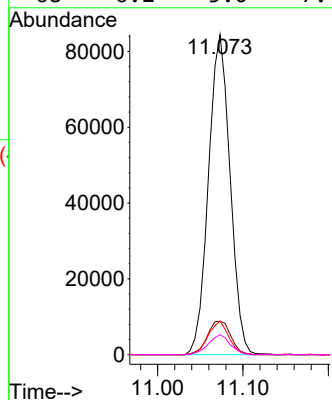
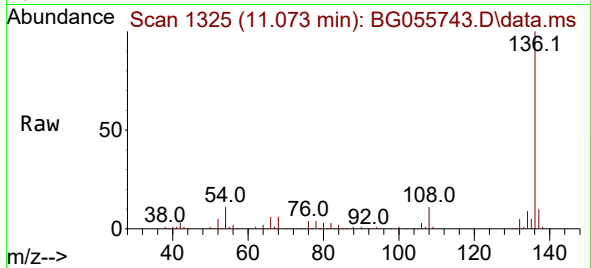




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.073 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG055743.D
Acq: 22 Nov 2022 17:12

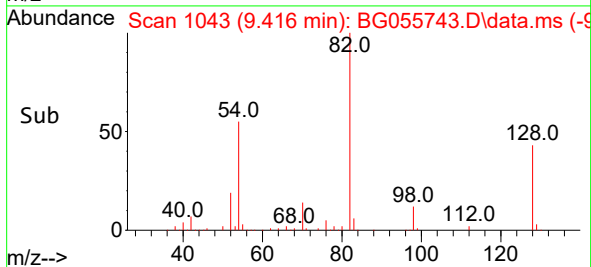
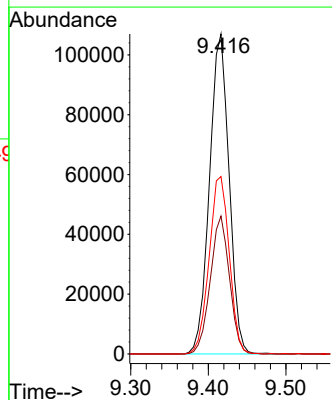
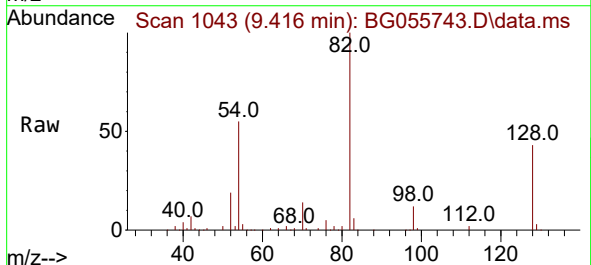
Instrument :
BNA_G
ClientSampleId :
MH-83.5

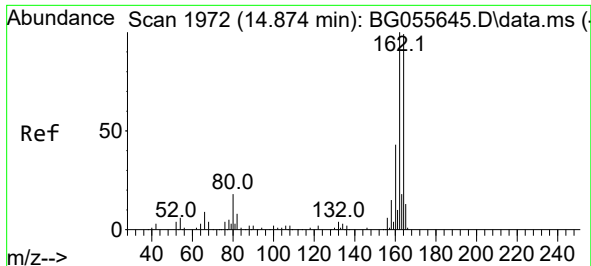
Tgt Ion:	136	Resp:	148862
Ion Ratio	Lower	Upper	
136	100		
137	10.4	9.0	13.6
54	10.6	7.8	11.6
68	6.2	5.0	7.4



#23
Nitrobenzene-d5
Concen: 66.646 ng
RT: 9.416 min Scan# 1043
Delta R.T. 0.001 min
Lab File: BG055743.D
Acq: 22 Nov 2022 17:12

Tgt Ion:	82	Resp:	187703
Ion Ratio	Lower	Upper	
82	100		
128	43.1	34.1	51.1
54	55.4	47.3	70.9

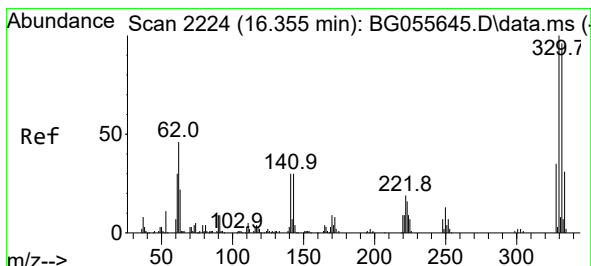
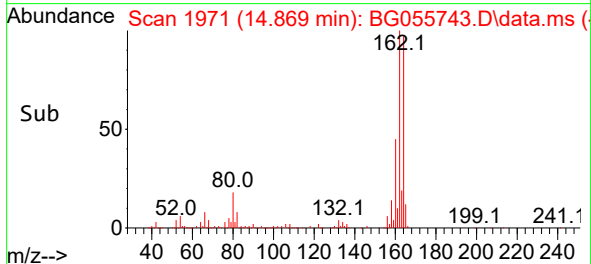
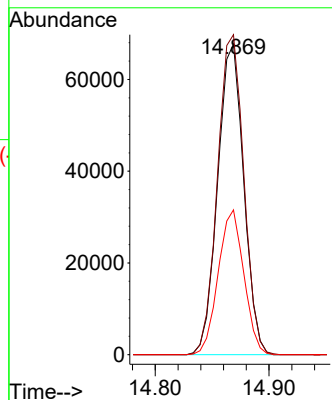
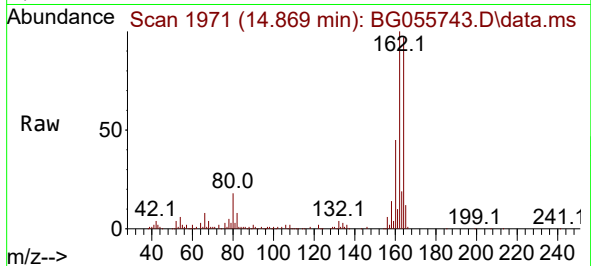




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.869 min Scan# 1971
Delta R.T. 0.001 min
Lab File: BG055743.D
Acq: 22 Nov 2022 17:12

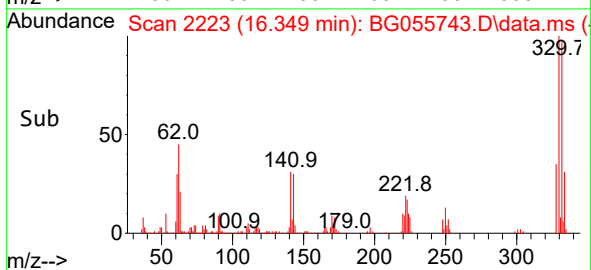
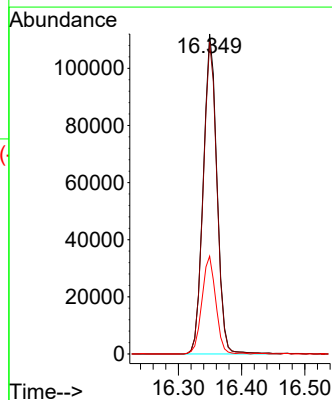
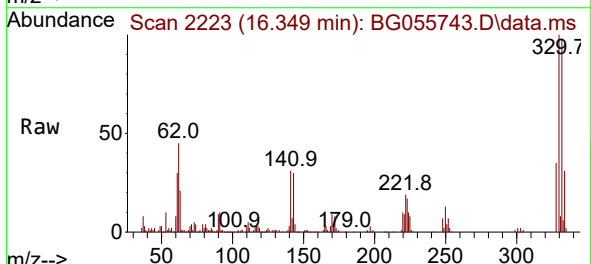
Instrument :
BNA_G
ClientSampleId :
MH-83.5

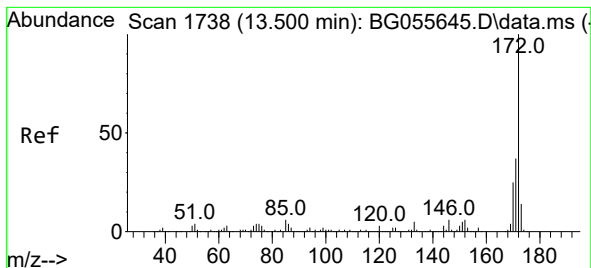
Tgt Ion:164 Resp: 107528
Ion Ratio Lower Upper
164 100
162 103.0 81.1 121.7
160 46.6 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 111.337 ng
RT: 16.349 min Scan# 2223
Delta R.T. 0.001 min
Lab File: BG055743.D
Acq: 22 Nov 2022 17:12

Tgt Ion:330 Resp: 168579
Ion Ratio Lower Upper
330 100
332 97.4 77.8 116.8
141 30.8 23.9 35.9

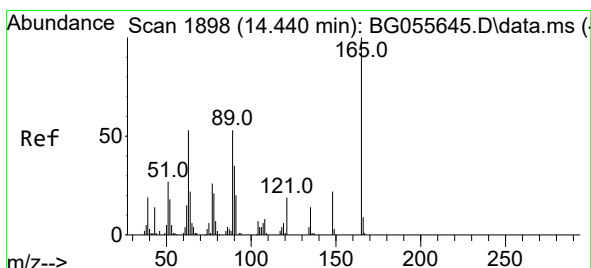
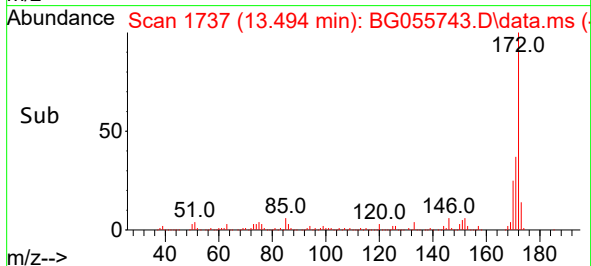
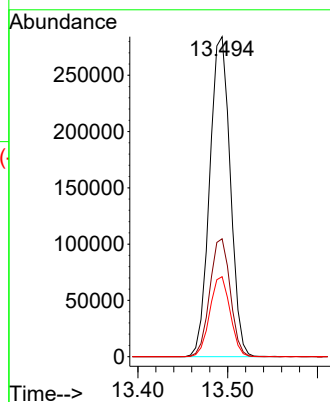
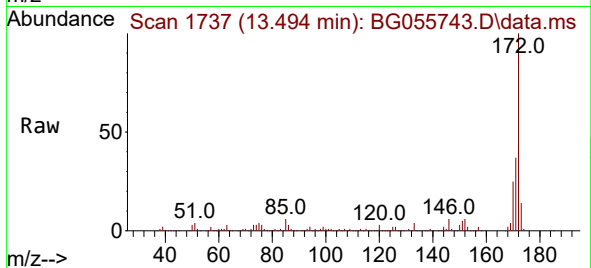




#45
2-Fluorobiphenyl
Concen: 63.011 ng
RT: 13.494 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG055743.D
Acq: 22 Nov 2022 17:12

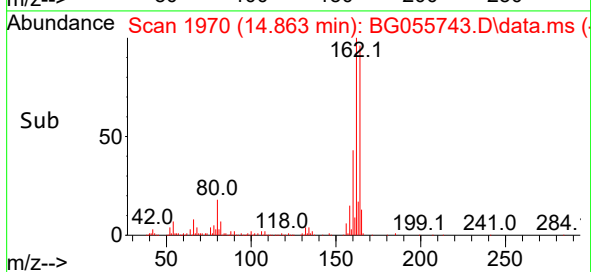
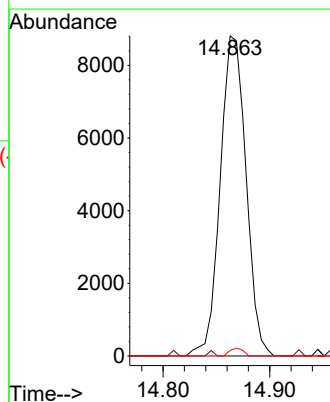
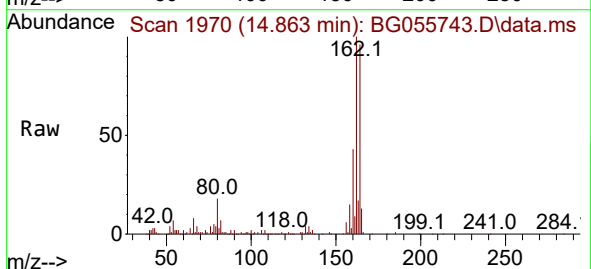
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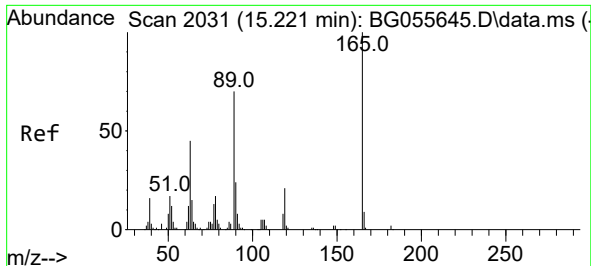
Tgt Ion:172 Resp: 452264
Ion Ratio Lower Upper
172 100
171 36.8 29.8 44.6
170 25.0 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 8.450 ng
RT: 14.863 min Scan# 1970
Delta R.T. 0.430 min
Lab File: BG055743.D
Acq: 22 Nov 2022 17:12

Tgt Ion:165 Resp: 14810
Ion Ratio Lower Upper
165 100
63 0.0 44.6 66.8#
89 1.7 42.2 63.4#

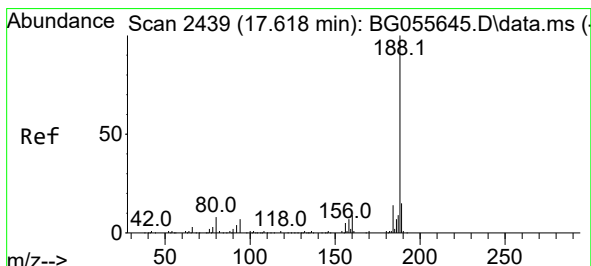
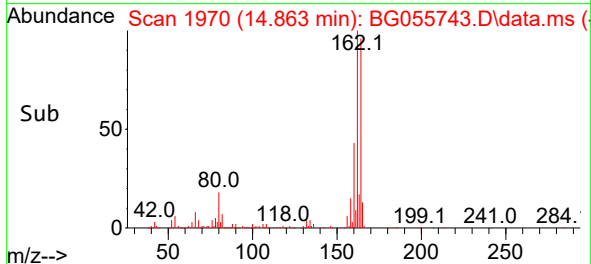
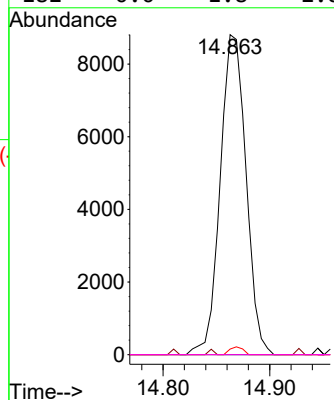
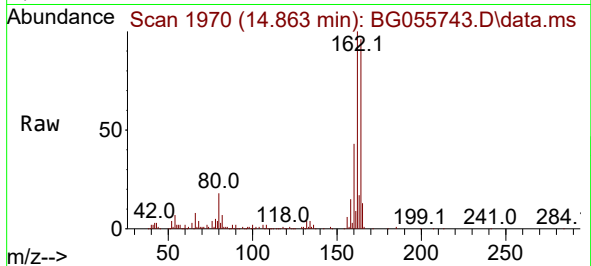




#57
2,4-Dinitrotoluene
Concen: 5.993 ng
RT: 14.863 min Scan# 14810
Delta R.T. -0.357 min
Lab File: BG055743.D
Acq: 22 Nov 2022 17:12

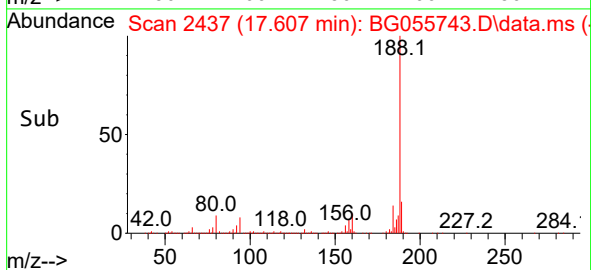
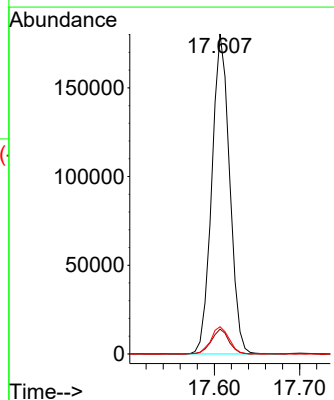
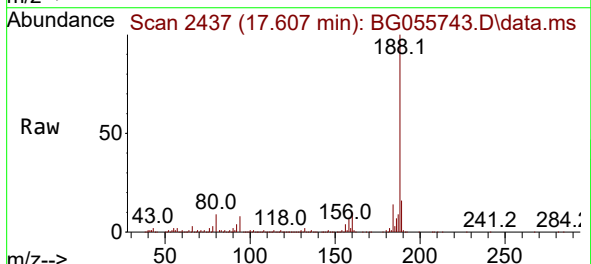
Instrument :
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ClientSampleId :
MH-83.5

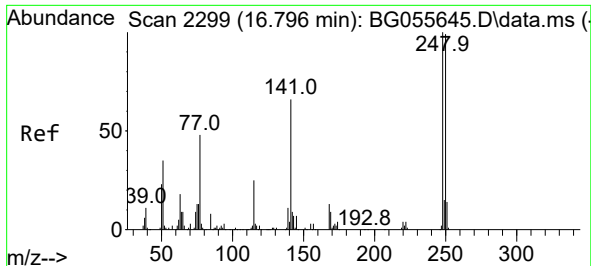
Tgt Ion:165 Resp: 14810
Ion Ratio Lower Upper
165 100
63 0.0 35.8 53.8#
89 1.7 56.2 84.4#
182 0.0 1.8 2.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.607 min Scan# 2437
Delta R.T. 0.001 min
Lab File: BG055743.D
Acq: 22 Nov 2022 17:12

Tgt Ion:188 Resp: 262290
Ion Ratio Lower Upper
188 100
94 7.7 5.4 8.2
80 8.5 6.6 10.0

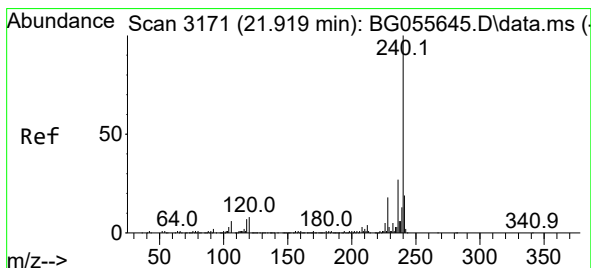
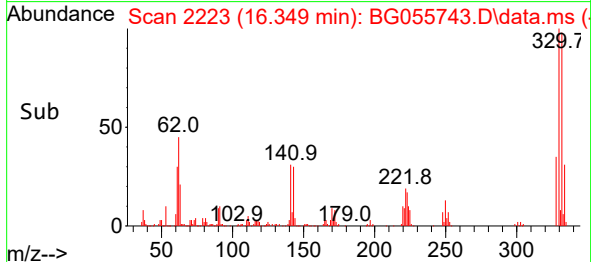
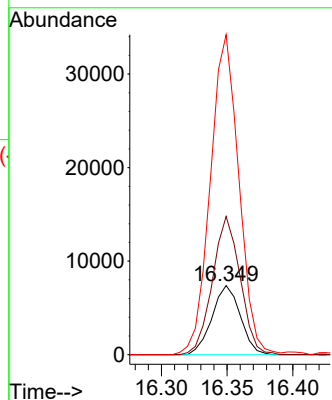
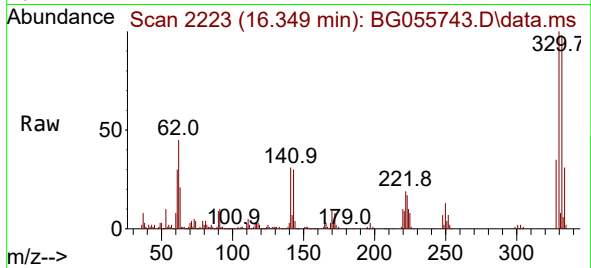




#67
4-Bromophenyl-phenylether
Concen: 3.703 ng
RT: 16.349 min Scan# 21
Delta R.T. -0.440 min
Lab File: BG055743.D
Acq: 22 Nov 2022 17:12

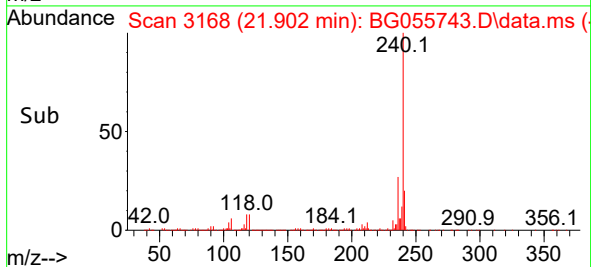
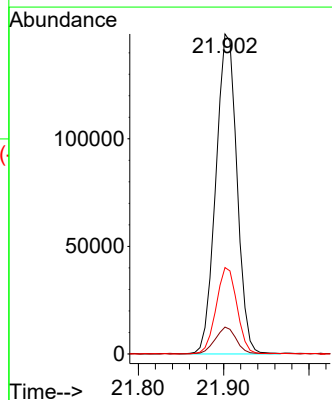
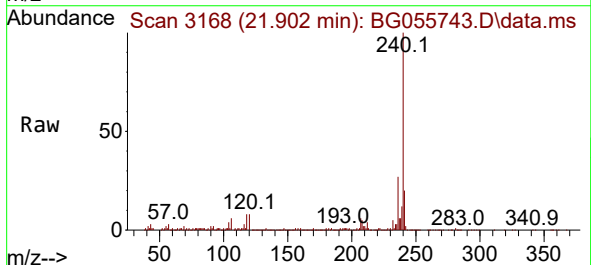
Instrument :
BNA_G
ClientSampleId :
MH-83.5

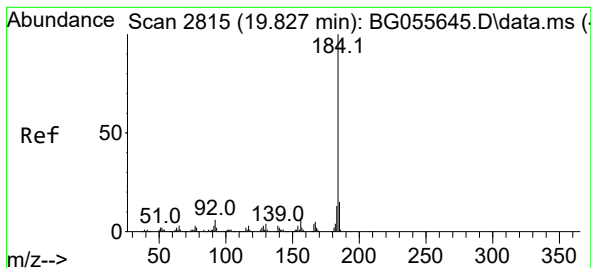
Tgt Ion:248 Resp: 11065
Ion Ratio Lower Upper
248 100
250 200.0 79.0 118.4#
141 463.0 52.9 79.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.902 min Scan# 3168
Delta R.T. -0.005 min
Lab File: BG055743.D
Acq: 22 Nov 2022 17:12

Tgt Ion:240 Resp: 256240
Ion Ratio Lower Upper
240 100
120 8.4 6.3 9.5
236 27.0 21.9 32.9





#77

Benzidine

Concen: 2.045 ng

RT: 20.192 min Scan# 2877

Delta R.T. 0.377 min

Lab File: BG055743.D

Acq: 22 Nov 2022 17:12

Instrument :

BNA_G

ClientSampleId :

MH-83.5

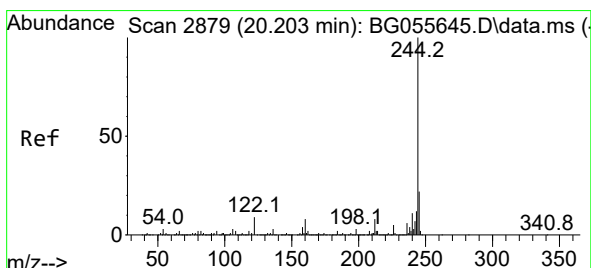
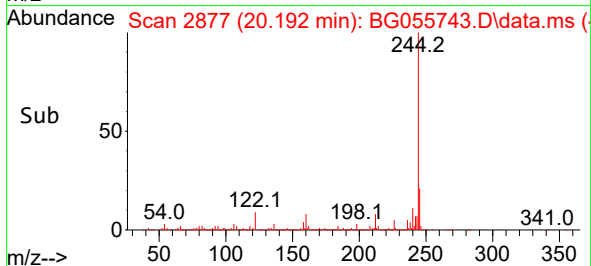
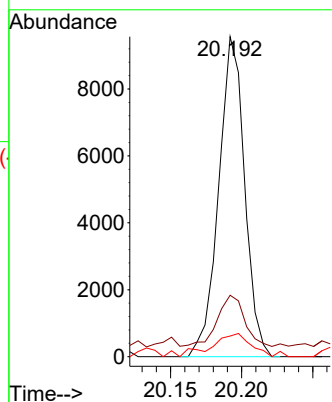
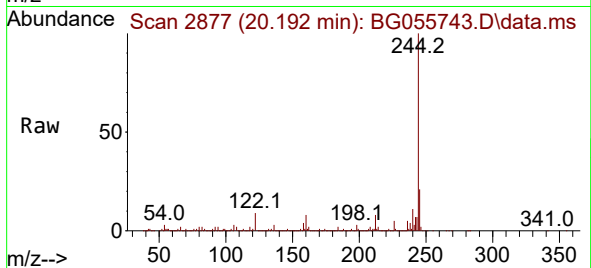
Tgt Ion:184 Resp: 12125

Ion Ratio Lower Upper

184 100

185 19.2 11.8 17.8#

183 6.4 10.6 15.8#



#79

Terphenyl-d14

Concen: 60.101 ng

RT: 20.192 min Scan# 2877

Delta R.T. 0.001 min

Lab File: BG055743.D

Acq: 22 Nov 2022 17:12

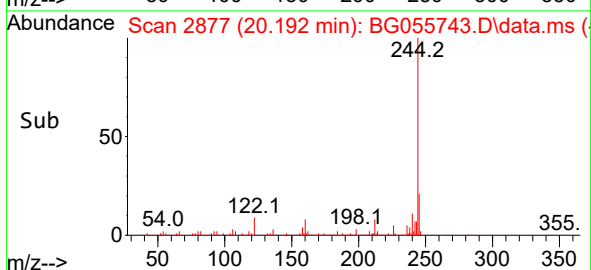
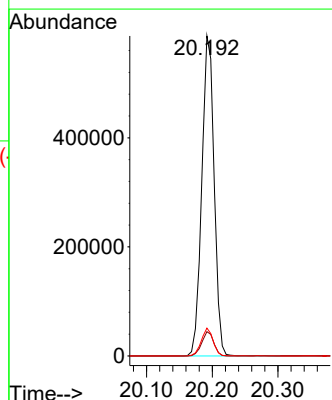
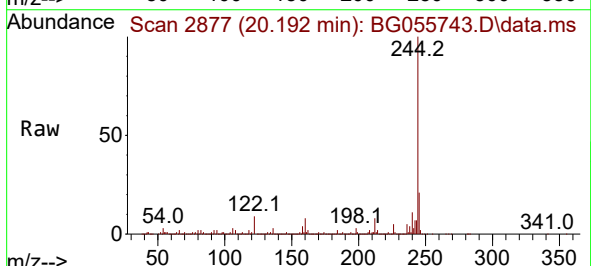
Tgt Ion:244 Resp: 769971

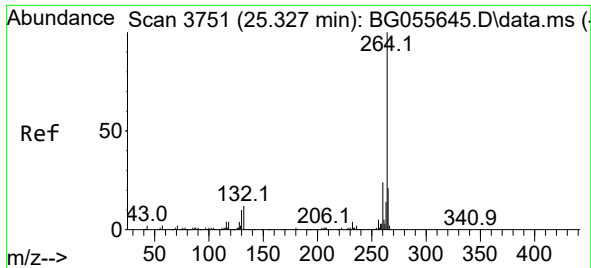
Ion Ratio Lower Upper

244 100

212 7.6 6.3 9.5

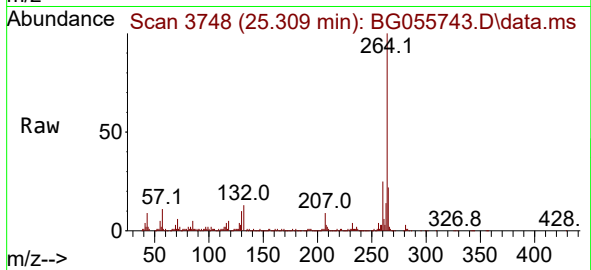
122 8.7 6.9 10.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.309 min Scan# 31
 Delta R.T. 0.007 min
 Lab File: BG055743.D
 Acq: 22 Nov 2022 17:12

Instrument :
 BNA_G
 ClientSampleId :
 MH-83.5



Tgt Ion:	264	Resp:	272981
Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	21.8	17.1	25.7

