

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112122\
 Data File : BG055712.D
 Acq On : 21 Nov 2022 12:41
 Operator : CG/JU
 Sample : N5678-19
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 250FB-BP-BACKFILL-10

Quant Time: Nov 22 02:02:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 17 02:02:46 2022
 Response via : Initial Calibration

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

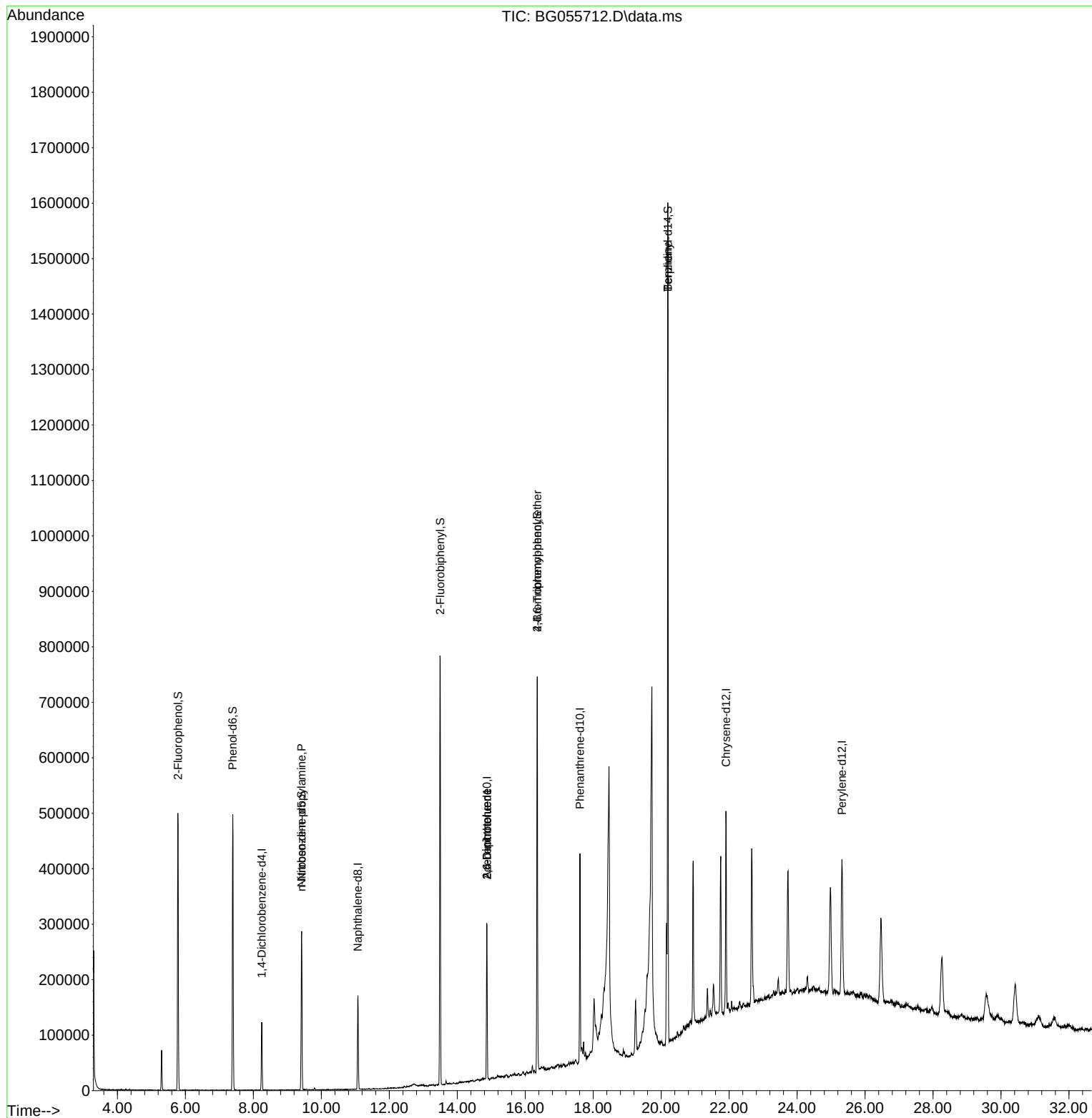
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.246	152	34595	20.000	ng	0.00
21) Naphthalene-d8	11.078	136	143540	20.000	ng	0.00
39) Acenaphthene-d10	14.873	164	105007	20.000	ng	0.00
64) Phenanthrene-d10	17.611	188	241850	20.000	ng	0.00
76) Chrysene-d12	21.906	240	231565	20.000	ng	-0.01
86) Perylene-d12	25.320	264	246427	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.784	112	214815	112.236	ng	0.00
7) Phenol-d6	7.394	99	273991	107.541	ng	0.00
23) Nitrobenzene-d5	9.421	82	168645	62.099	ng	0.00
42) 2,4,6-Tribromophenol	16.354	330	158021	106.870	ng	0.00
45) 2-Fluorobiphenyl	13.498	172	422599	60.292	ng	0.00
79) Terphenyl-d14	20.197	244	749808	64.764	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.415	70	23463	11.986	ng	# 78
51) 2,6-Dinitrotoluene	14.873	165	13574	7.931	ng	# 26
57) 2,4-Dinitrotoluene	14.873	165	13574	5.625	ng	# 24
67) 4-Bromophenyl-phenylether	16.354	248	9721	3.528	ng	# 1
77) Benzidine	20.197	184	11996	2.239	ng	# 86

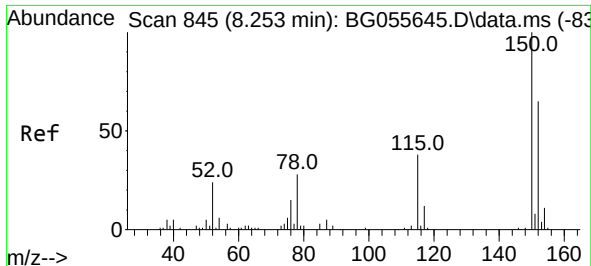
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112122\
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Sample : N5678-19
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
250FB-BP-BACKFILL-10

Quant Time: Nov 22 02:02:15 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 17 02:02:46 2022
Response via : Initial Calibration

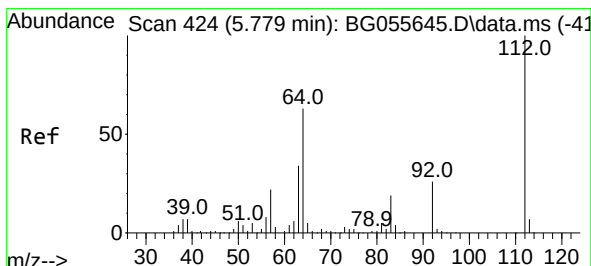
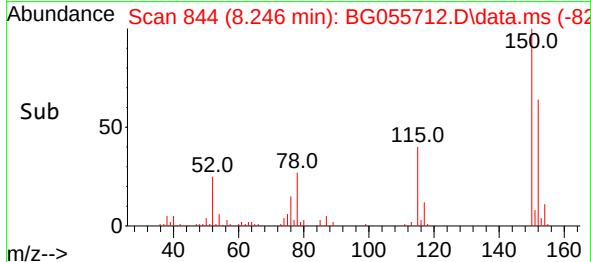
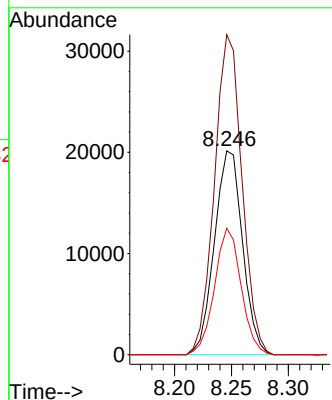
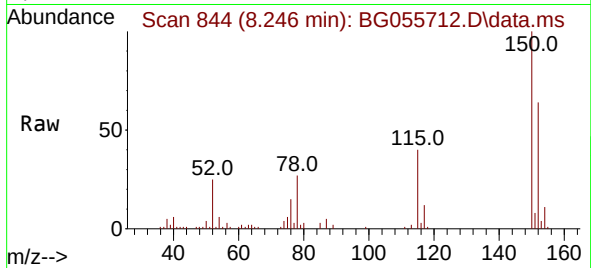




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.246 min Scan# 845
 Delta R.T. -0.007 min
 Lab File: BG055712.D
 Acq: 21 Nov 2022 12:41

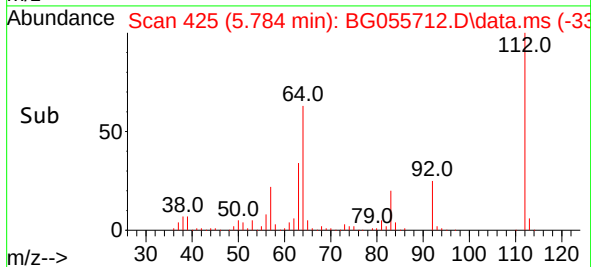
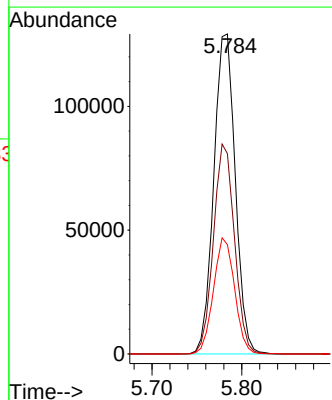
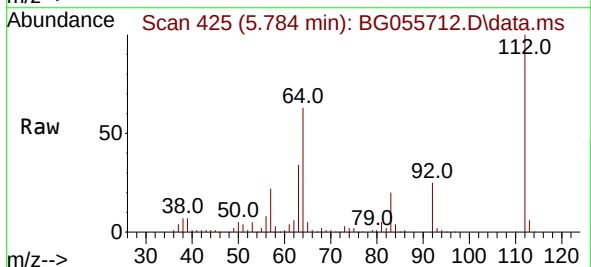
Instrument :
 BNA_G
 ClientSampleId :
 250FB-BP-BACKFILL-10

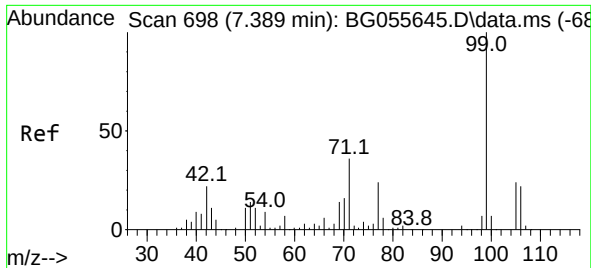
Tgt Ion:152 Resp: 34595
 Ion Ratio Lower Upper
 152 100
 150 157.0 123.0 184.6
 115 62.0 47.0 70.4



#5
 2-Fluorophenol
 Concen: 112.236 ng
 RT: 5.784 min Scan# 425
 Delta R.T. 0.005 min
 Lab File: BG055712.D
 Acq: 21 Nov 2022 12:41

Tgt Ion:112 Resp: 214815
 Ion Ratio Lower Upper
 112 100
 64 62.6 50.6 76.0
 63 34.2 27.5 41.3

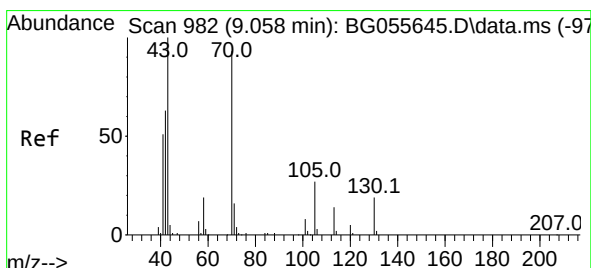
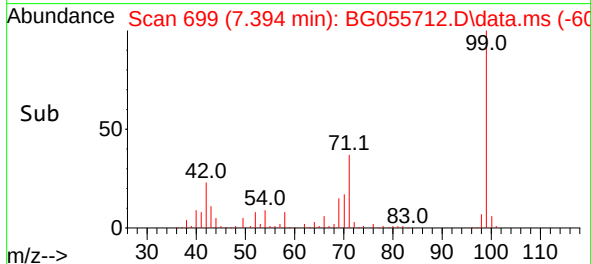
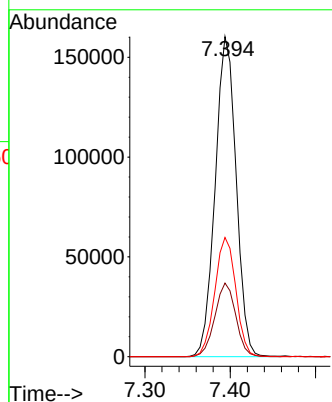
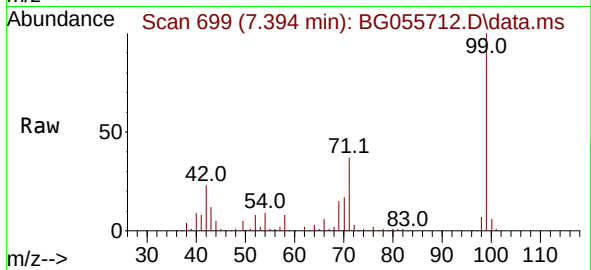




#7
Phenol-d6
Concen: 107.541 ng
RT: 7.394 min Scan# 61
Delta R.T. 0.005 min
Lab File: BG055712.D
Acq: 21 Nov 2022 12:41

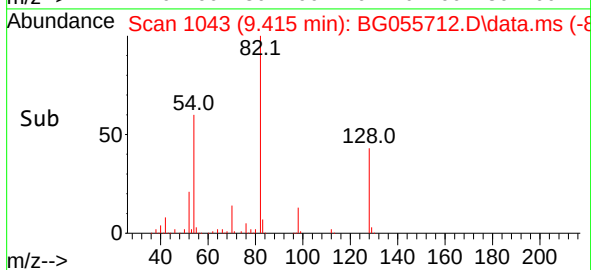
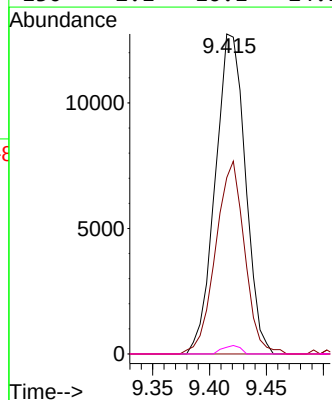
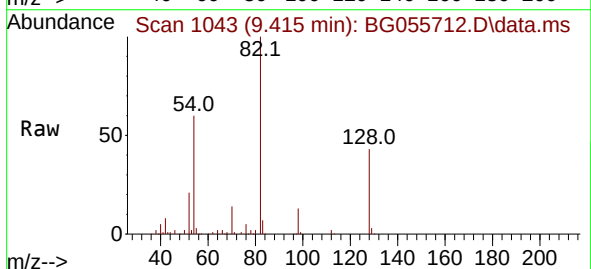
Instrument :
BNA_G
ClientSampleId :
250FB-BP-BACKFILL-10

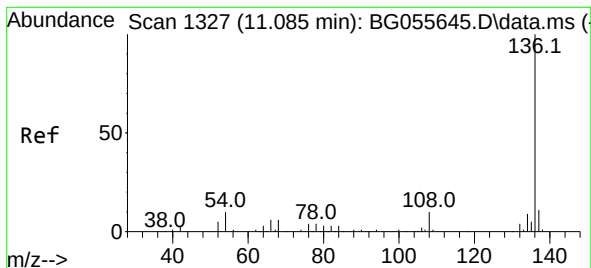
Tgt Ion: 99 Resp: 273991
Ion Ratio Lower Upper
99 100
42 23.0 18.0 27.0
71 37.2 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 11.986 ng
RT: 9.415 min Scan# 1043
Delta R.T. 0.357 min
Lab File: BG055712.D
Acq: 21 Nov 2022 12:41

Tgt Ion: 70 Resp: 23463
Ion Ratio Lower Upper
70 100
42 55.1 55.2 82.8#
101 0.0 7.1 10.7#
130 2.1 16.1 24.1#

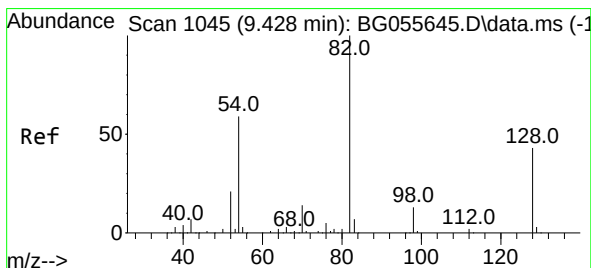
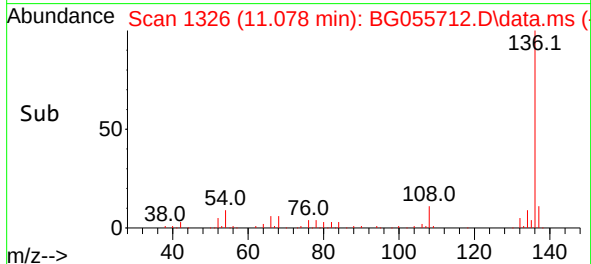
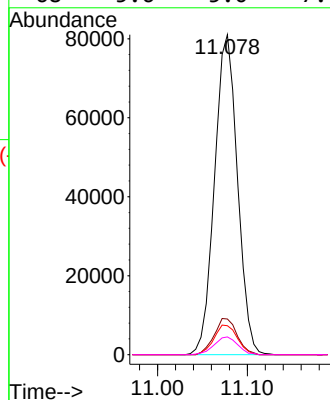
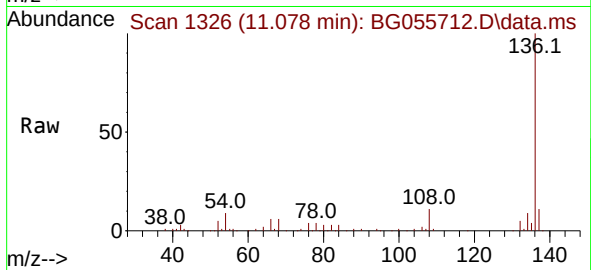




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.078 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG055712.D
Acq: 21 Nov 2022 12:41

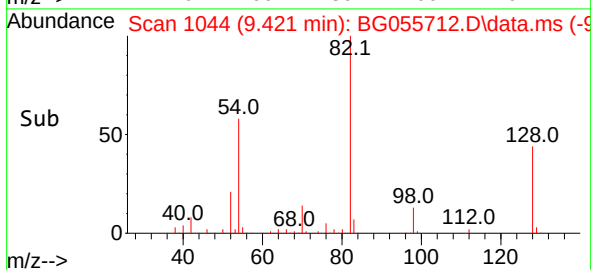
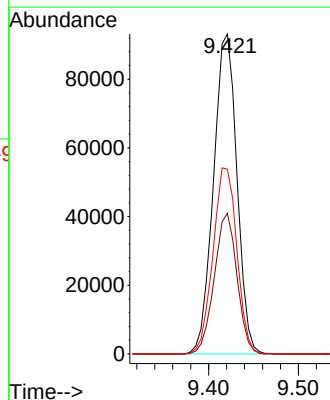
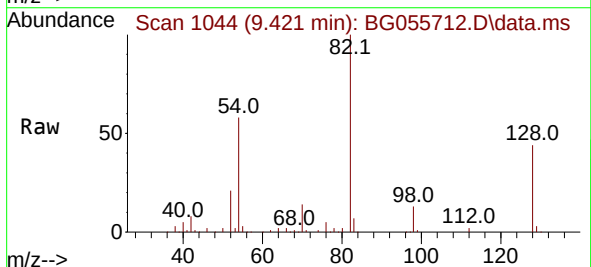
Instrument :
BNA_G
ClientSampleId :
250FB-BP-BACKFILL-10

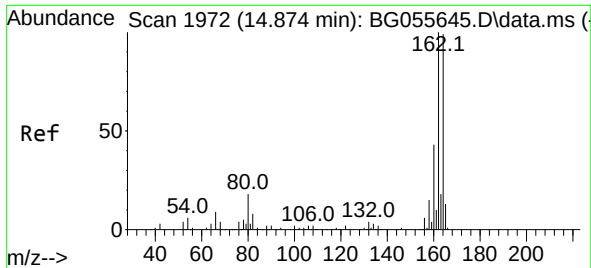
Tgt Ion:	136	Resp:	143540
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.0	13.6
54	9.1	7.8	11.6
68	5.6	5.0	7.4



#23
Nitrobenzene-d5
Concen: 62.099 ng
RT: 9.421 min Scan# 1044
Delta R.T. -0.007 min
Lab File: BG055712.D
Acq: 21 Nov 2022 12:41

Tgt Ion:	82	Resp:	168645
Ion Ratio	Lower	Upper	
82	100		
128	43.9	34.1	51.1
54	57.8	47.3	70.9

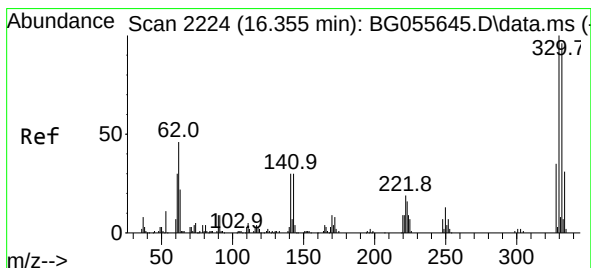
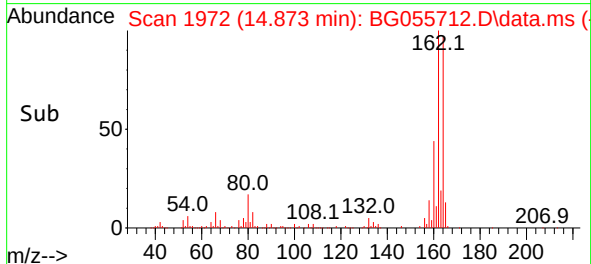
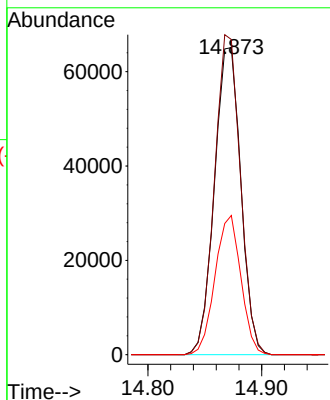
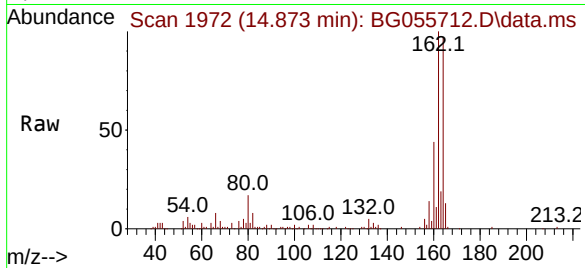




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.873 min Scan# 1972
Delta R.T. -0.001 min
Lab File: BG055712.D
Acq: 21 Nov 2022 12:41

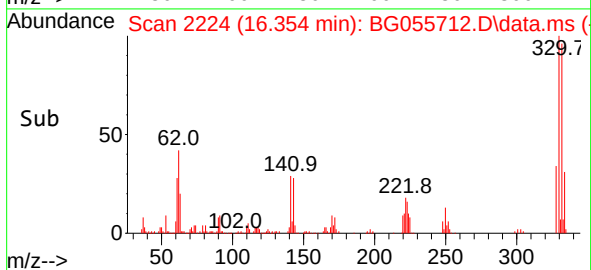
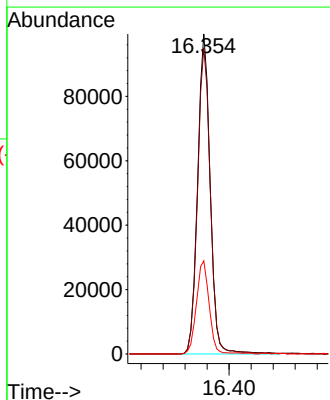
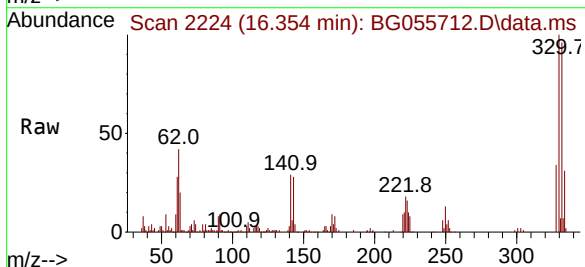
Instrument :
BNA_G
ClientSampleId :
250FB-BP-BACKFILL-10

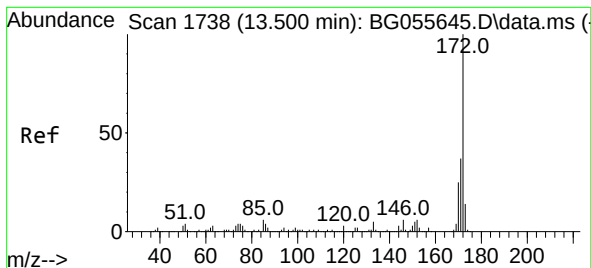
Tgt Ion:164 Resp: 105007
Ion Ratio Lower Upper
164 100
162 102.6 81.1 121.7
160 45.3 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 106.870 ng
RT: 16.354 min Scan# 2224
Delta R.T. -0.001 min
Lab File: BG055712.D
Acq: 21 Nov 2022 12:41

Tgt Ion:330 Resp: 158021
Ion Ratio Lower Upper
330 100
332 96.8 77.8 116.8
141 29.5 23.9 35.9

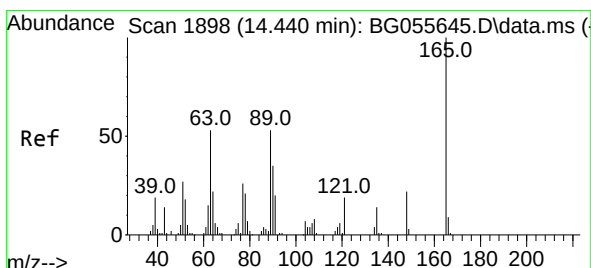
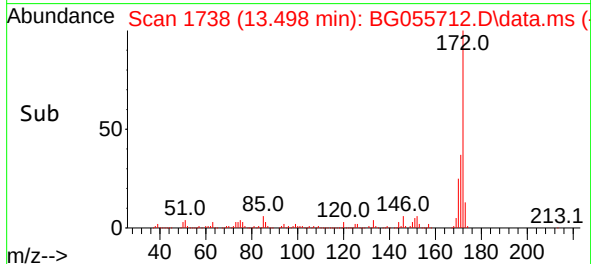
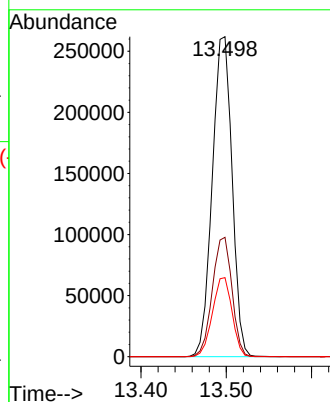
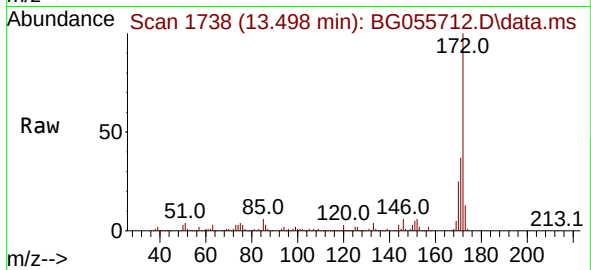




#45
2-Fluorobiphenyl
Concen: 60.292 ng
RT: 13.498 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG055712.D
Acq: 21 Nov 2022 12:41

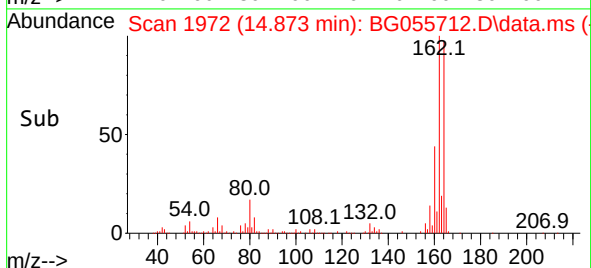
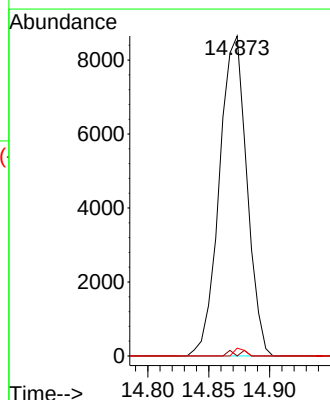
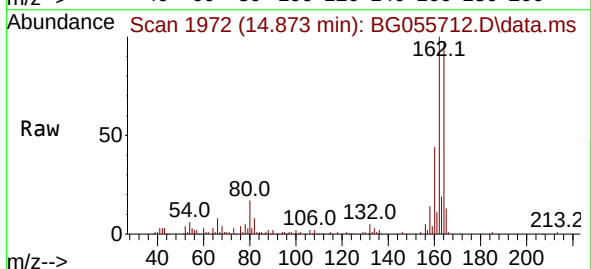
Instrument :
BNA_G
ClientSampleId :
250FB-BP-BACKFILL-10

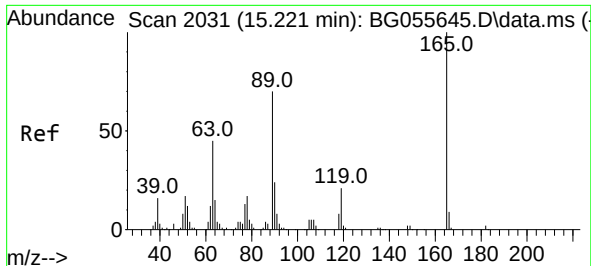
Tgt Ion:172 Resp: 422599
Ion Ratio Lower Upper
172 100
171 37.3 29.8 44.6
170 24.7 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 7.931 ng
RT: 14.873 min Scan# 1972
Delta R.T. 0.434 min
Lab File: BG055712.D
Acq: 21 Nov 2022 12:41

Tgt Ion:165 Resp: 13574
Ion Ratio Lower Upper
165 100
63 0.0 44.6 66.8#
89 2.4 42.2 63.4#

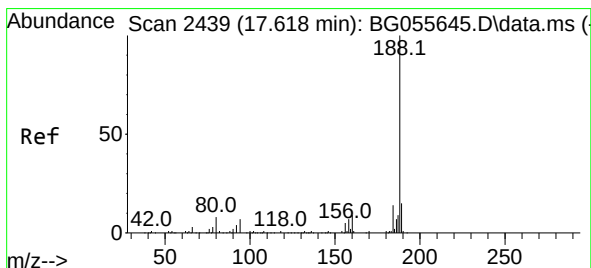
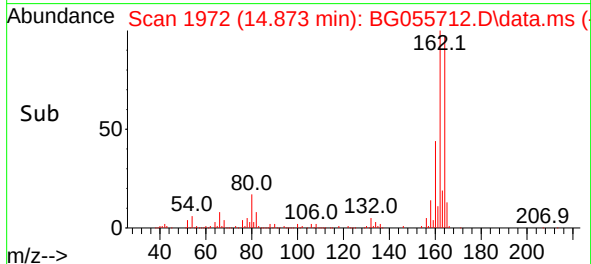
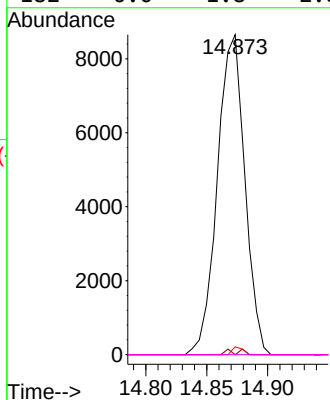
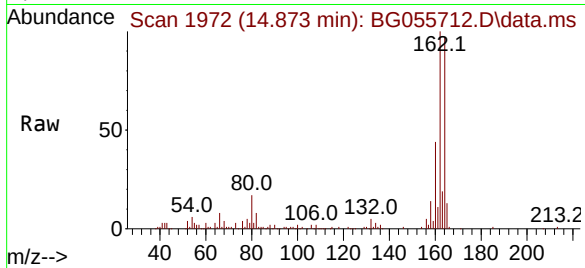




#57
2,4-Dinitrotoluene
Concen: 5.625 ng
RT: 14.873 min Scan# 14
Delta R.T. -0.348 min
Lab File: BG055712.D
Acq: 21 Nov 2022 12:41

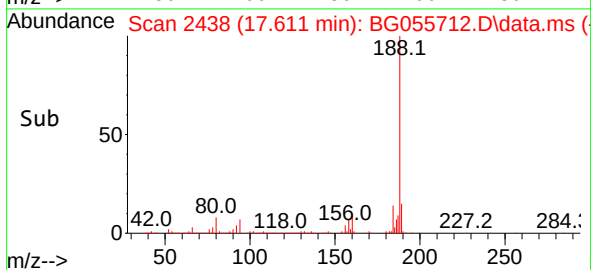
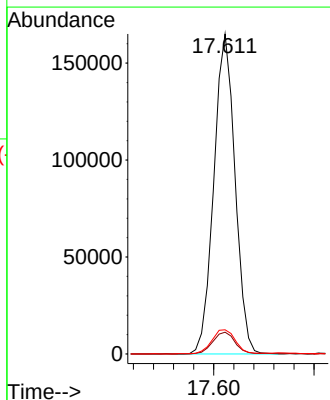
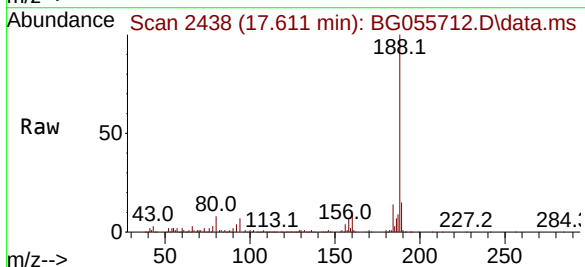
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BNA_G
ClientSampleId :
250FB-BP-BACKFILL-10

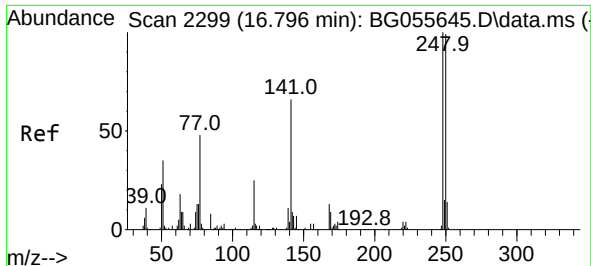
Tgt Ion:165 Resp: 13574
Ion Ratio Lower Upper
165 100
63 0.0 35.8 53.8#
89 2.4 56.2 84.4#
182 0.0 1.8 2.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.611 min Scan# 2438
Delta R.T. -0.007 min
Lab File: BG055712.D
Acq: 21 Nov 2022 12:41

Tgt Ion:188 Resp: 241850
Ion Ratio Lower Upper
188 100
94 6.8 5.4 8.2
80 7.6 6.6 10.0





#67

4-Bromophenyl-phenylether

Concen: 3.528 ng

RT: 16.354 min Scan# 21

Delta R.T. -0.442 min

Lab File: BG055712.D

Acq: 21 Nov 2022 12:41

Instrument :

BNA_G

ClientSampleId :

250FB-BP-BACKFILL-10

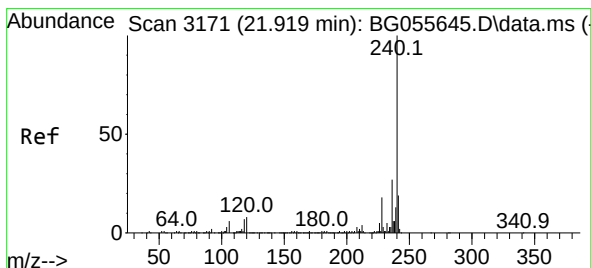
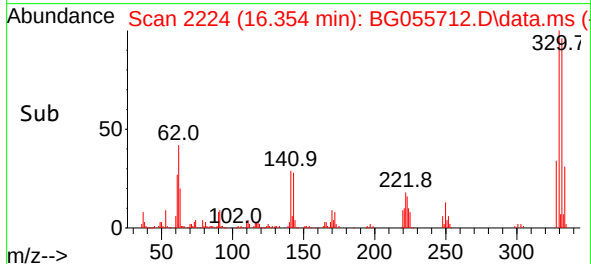
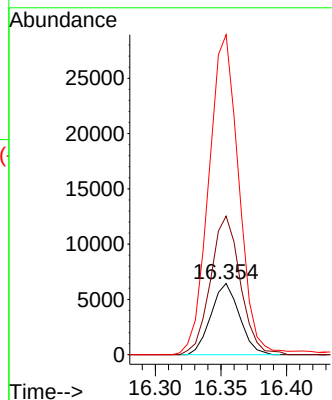
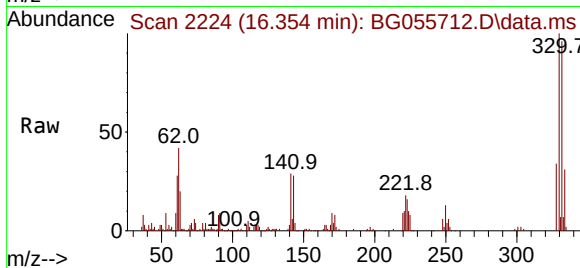
Tgt Ion:248 Resp: 9721

Ion Ratio Lower Upper

248 100

250 194.8 79.0 118.4#

141 449.6 52.9 79.3#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.906 min Scan# 3169

Delta R.T. -0.013 min

Lab File: BG055712.D

Acq: 21 Nov 2022 12:41

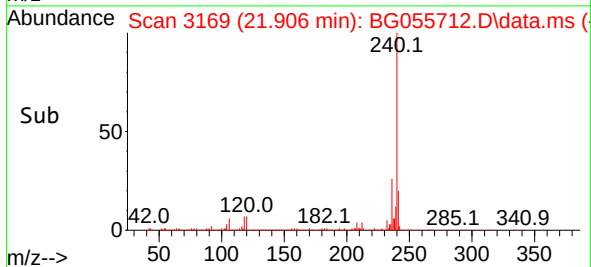
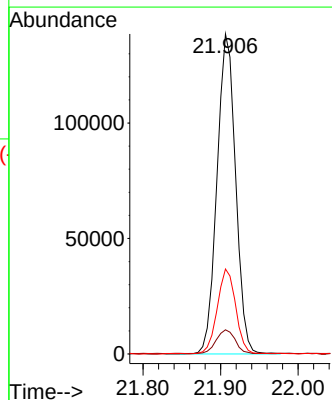
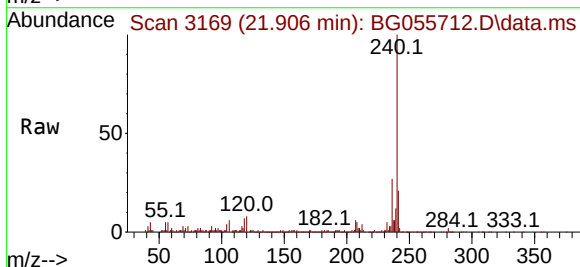
Tgt Ion:240 Resp: 231565

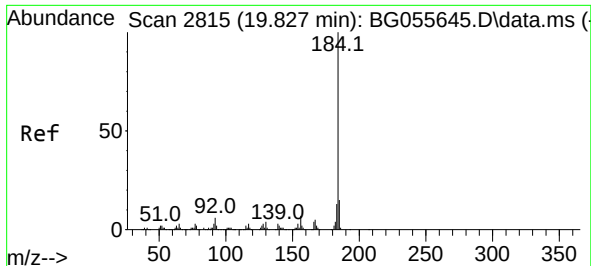
Ion Ratio Lower Upper

240 100

120 7.5 6.3 9.5

236 26.6 21.9 32.9

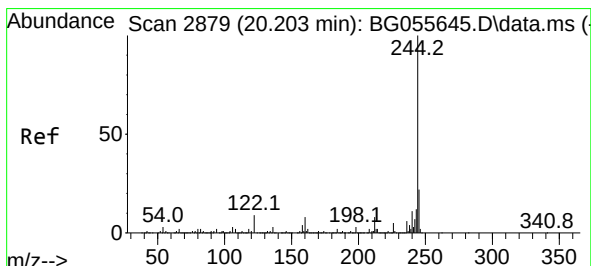
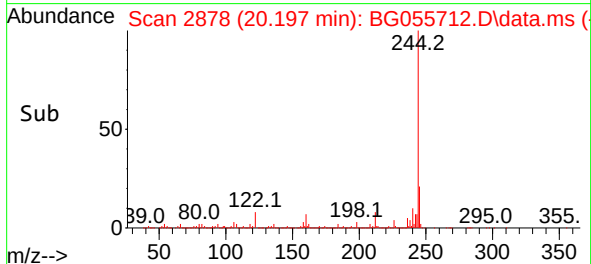
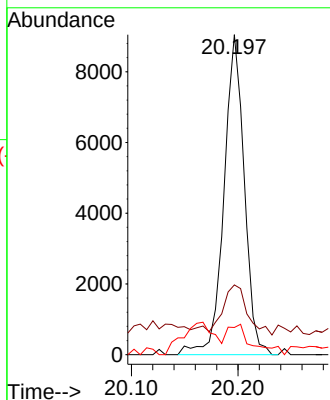
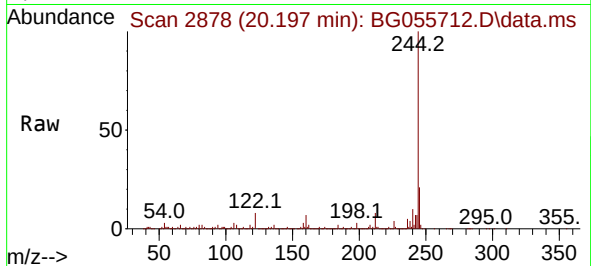




#77
Benzidine
Concen: 2.239 ng
RT: 20.197 min Scan# 2815
Delta R.T. 0.369 min
Lab File: BG055712.D
Acq: 21 Nov 2022 12:41

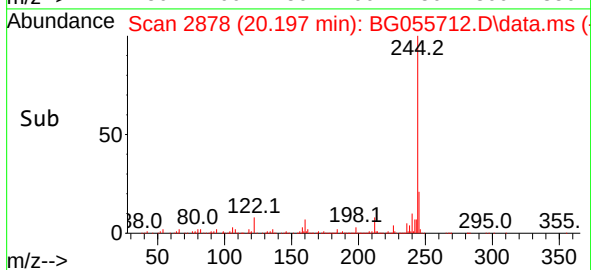
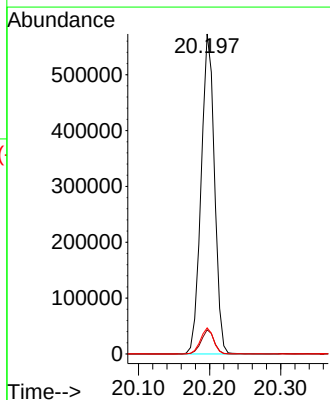
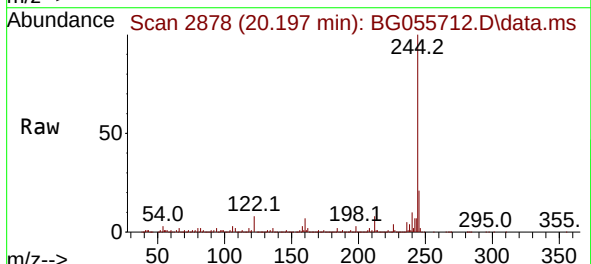
Instrument :
BNA_G
ClientSampleId :
250FB-BP-BACKFILL-10

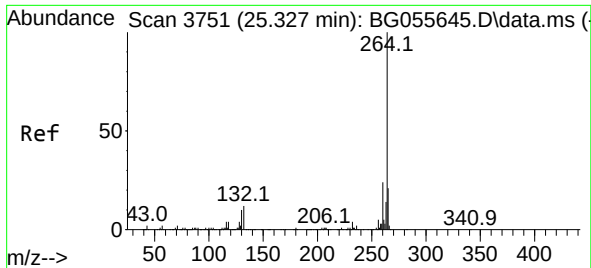
Tgt Ion:184 Resp: 11996
Ion Ratio Lower Upper
184 100
185 21.8 11.8 17.8#
183 8.5 10.6 15.8#



#79
Terphenyl-d14
Concen: 64.764 ng
RT: 20.197 min Scan# 2878
Delta R.T. -0.007 min
Lab File: BG055712.D
Acq: 21 Nov 2022 12:41

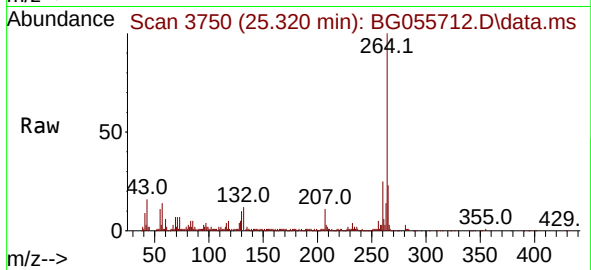
Tgt Ion:244 Resp: 749808
Ion Ratio Lower Upper
244 100
212 7.6 6.3 9.5
122 8.2 6.9 10.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.320 min Scan# 31
 Delta R.T. -0.007 min
 Lab File: BG055712.D
 Acq: 21 Nov 2022 12:41

Instrument :
 BNA_G
 ClientSampleId :
 250FB-BP-BACKFILL-10



Tgt Ion:	264	Resp:	246427
Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.5	29.3
265	22.8	17.1	25.7

