

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102822\
 Data File : BG055358.D
 Acq On : 29 Oct 2022 2:12
 Operator : CG/JU
 Sample : N5237-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LSP-GW-01

Quant Time: Oct 29 04:57:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 29 04:52:38 2022
 Response via : Initial Calibration

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

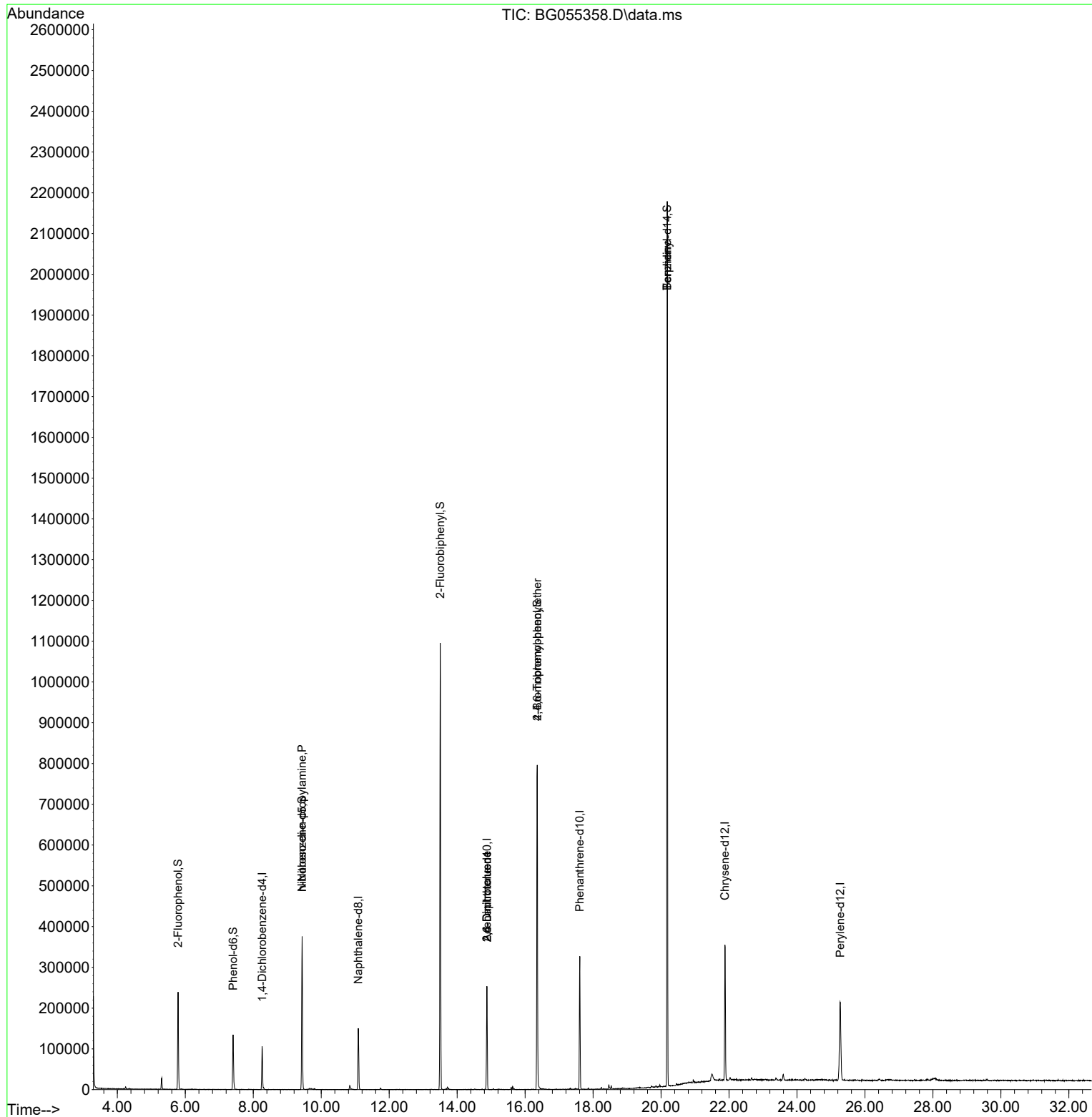
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.259	152	30939	20.000	ng	0.00
21) Naphthalene-d8	11.091	136	133361	20.000	ng	0.00
39) Acenaphthene-d10	14.875	164	92170	20.000	ng	0.00
64) Phenanthrene-d10	17.607	188	207549	20.000	ng	# 0.00
76) Chrysene-d12	21.878	240	208416	20.000	ng	-0.01
86) Perylene-d12	25.269	264	214922	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.785	112	110942	62.787	ng	0.00
7) Phenol-d6	7.407	99	88055	34.398	ng	0.00
23) Nitrobenzene-d5	9.434	82	236762	90.655	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	175750	175.405	ng	0.00
45) 2-Fluorobiphenyl	13.500	172	567121	100.709	ng	-0.01
79) Terphenyl-d14	20.180	244	1046488	104.324	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.434	70	31218	14.685	ng	# 77
51) 2,6-Dinitrotoluene	14.875	165	12117	8.228	ng	# 19
57) 2,4-Dinitrotoluene	14.875	165	12117	5.670	ng	# 18
67) 4-Bromophenyl-phenylether	16.355	248	11011	5.461	ng	# 1
77) Benzidine	20.180	184	15817	3.134	ng	# 89

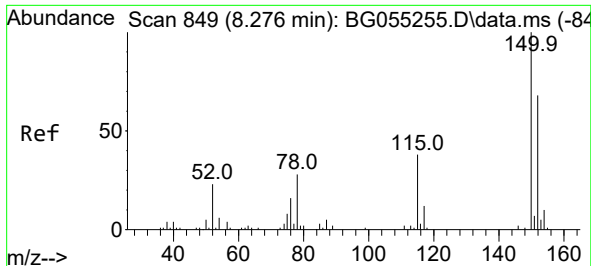
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

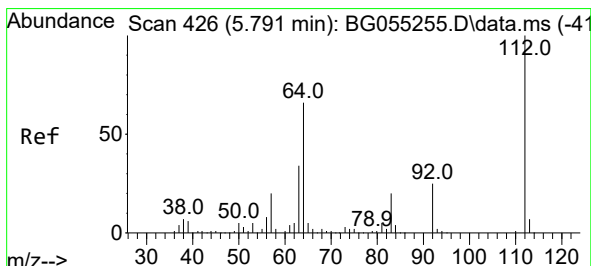
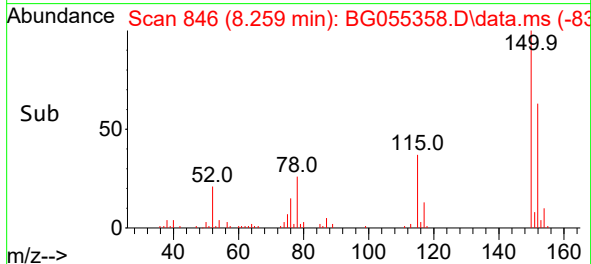
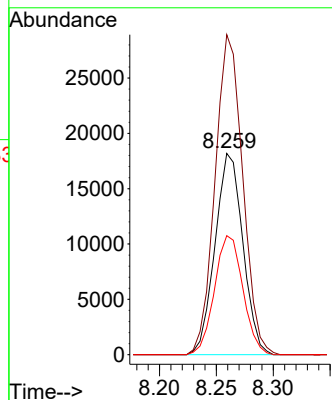
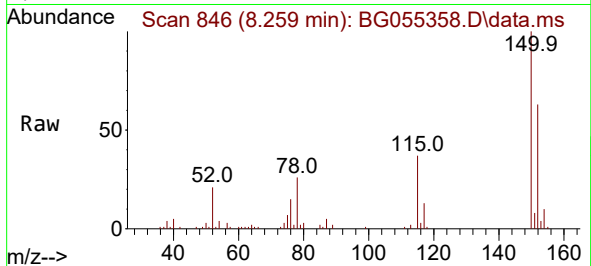




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.259 min Scan# 84
Delta R.T. -0.006 min
Lab File: BG055358.D
Acq: 29 Oct 2022 2:12

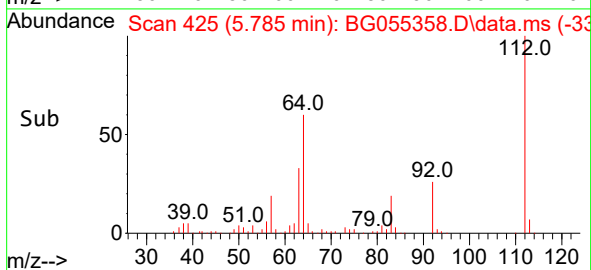
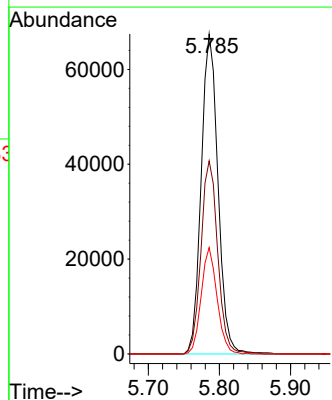
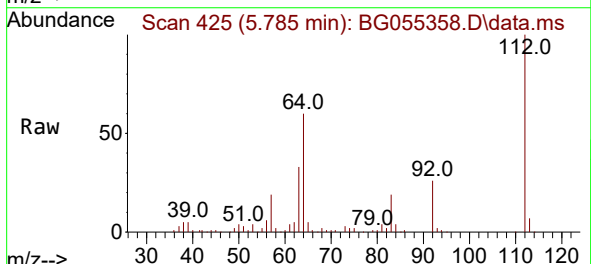
Instrument :
BNA_G
ClientSampleId :
LSP-GW-01

Tgt Ion:152 Resp: 30939
Ion Ratio Lower Upper
152 100
150 159.0 118.2 177.4
115 59.2 44.5 66.7



#5
2-Fluorophenol
Concen: 62.787 ng
RT: 5.785 min Scan# 425
Delta R.T. 0.000 min
Lab File: BG055358.D
Acq: 29 Oct 2022 2:12

Tgt Ion:112 Resp: 110942
Ion Ratio Lower Upper
112 100
64 60.3 52.6 78.8
63 33.3 27.1 40.7

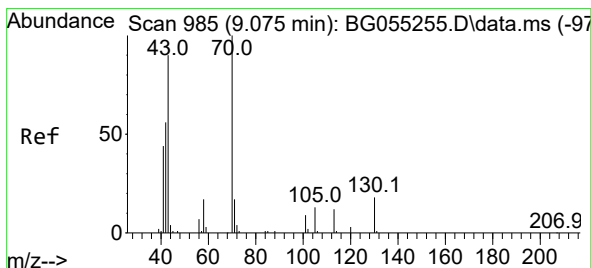
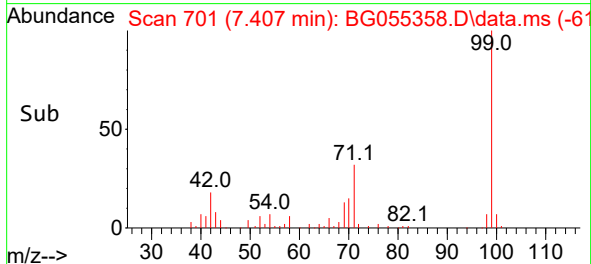
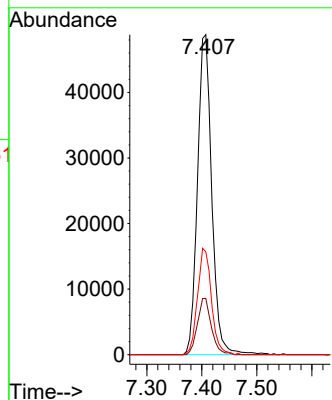
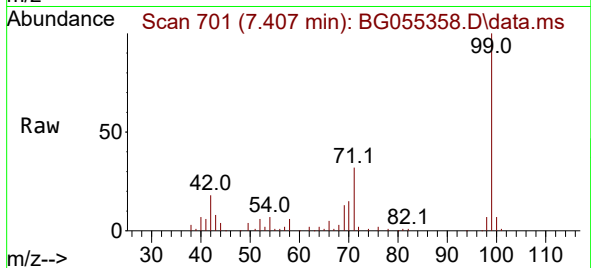




#7
Phenol-d6
Concen: 34.398 ng
RT: 7.407 min Scan# 702
Delta R.T. -0.006 min
Lab File: BG055358.D
Acq: 29 Oct 2022 2:12

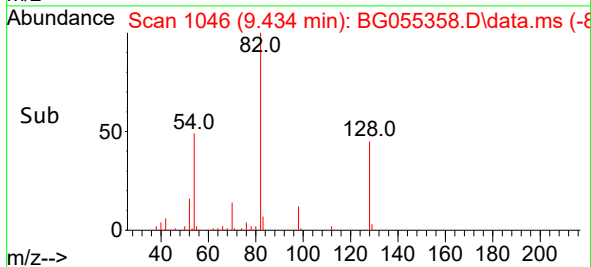
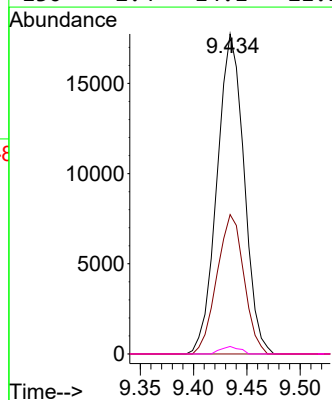
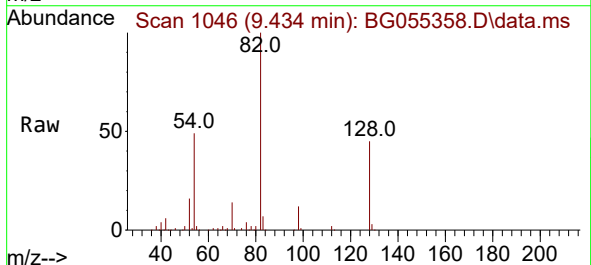
Instrument :
BNA_G
ClientSampleId :
LSP-GW-01

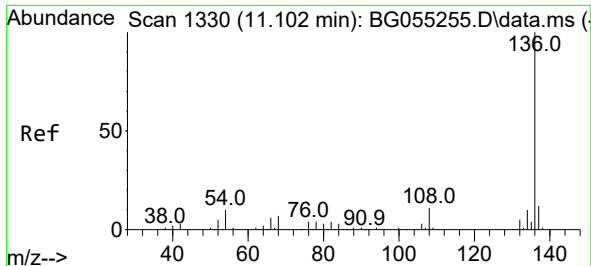
Tgt Ion: 99 Resp: 88055
Ion Ratio Lower Upper
99 100
42 17.6 15.2 22.8
71 32.2 26.2 39.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.685 ng
RT: 9.434 min Scan# 1046
Delta R.T. 0.364 min
Lab File: BG055358.D
Acq: 29 Oct 2022 2:12

Tgt Ion: 70 Resp: 31218
Ion Ratio Lower Upper
70 100
42 43.5 45.8 68.6#
101 0.0 7.4 11.0#
130 2.4 14.1 21.1#

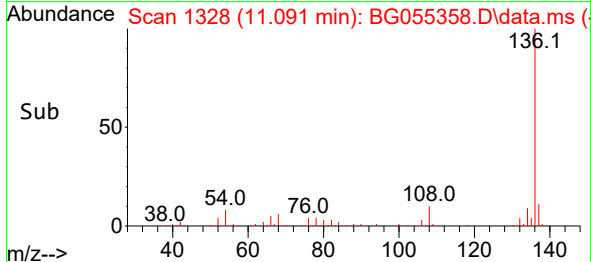
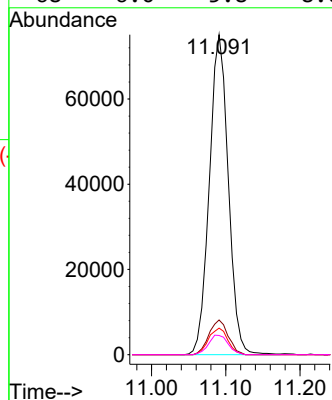
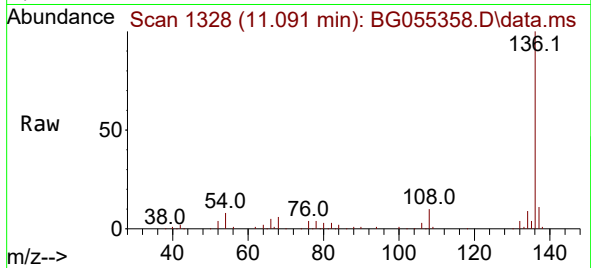




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.091 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG055358.D
Acq: 29 Oct 2022 2:12

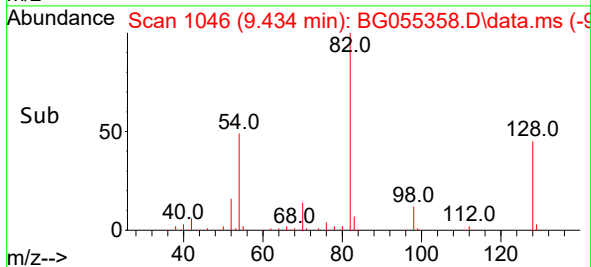
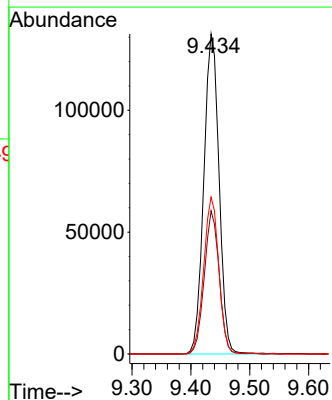
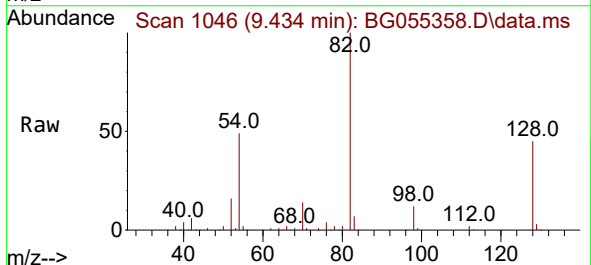
Instrument :
BNA_G
ClientSampleId :
LSP-GW-01

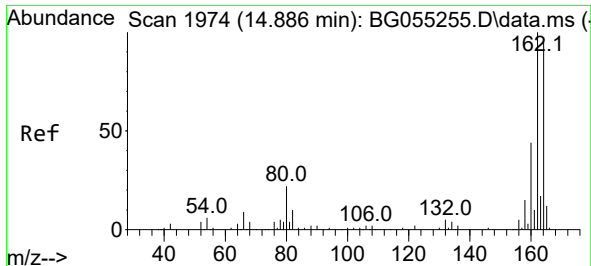
Tgt Ion:	136	Resp:	133361
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.2	13.8
54	8.3	7.8	11.8
68	6.0	5.8	8.6



#23
Nitrobenzene-d5
Concen: 90.655 ng
RT: 9.434 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BG055358.D
Acq: 29 Oct 2022 2:12

Tgt Ion:	82	Resp:	236762
Ion Ratio	Lower	Upper	
82	100		
128	44.7	32.0	48.0
54	49.0	40.9	61.3

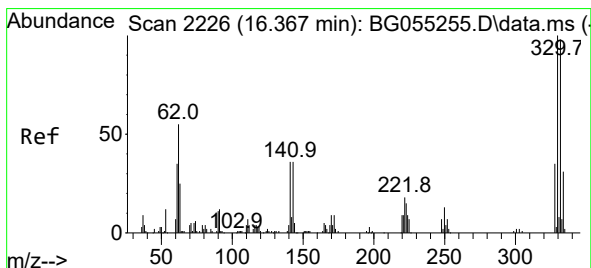
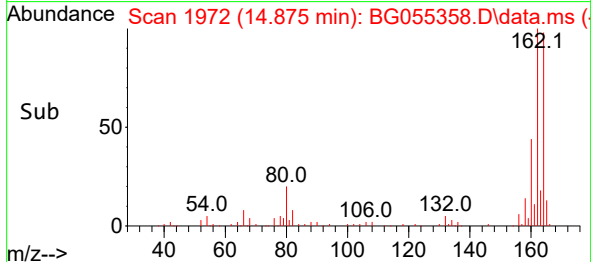
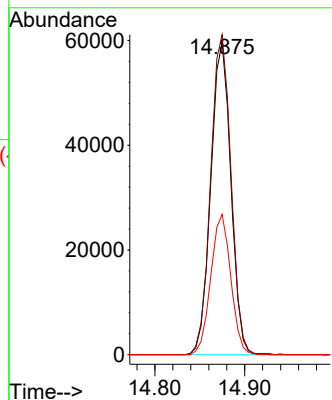
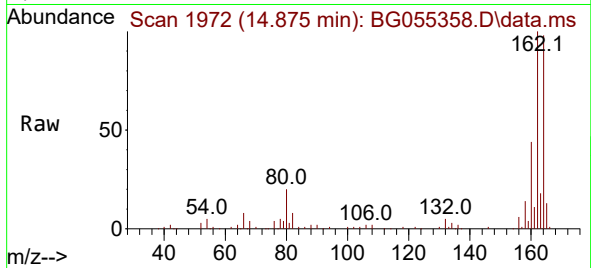




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.875 min Scan# 1972
Delta R.T. -0.006 min
Lab File: BG055358.D
Acq: 29 Oct 2022 2:12

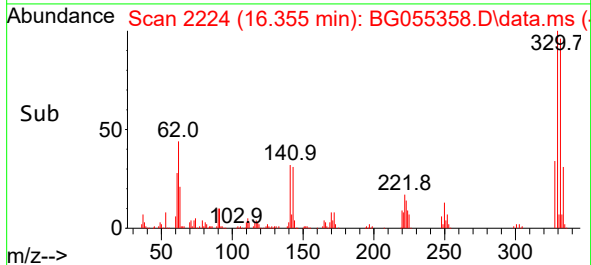
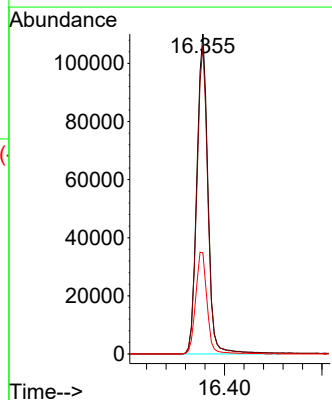
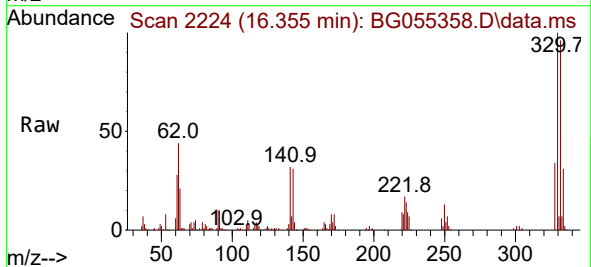
Instrument :
BNA_G
ClientSampleId :
LSP-GW-01

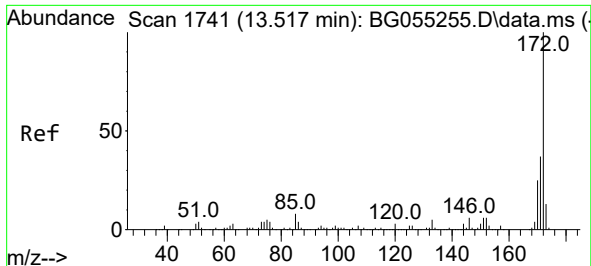
Tgt Ion:164 Resp: 92170
Ion Ratio Lower Upper
164 100
162 102.5 84.0 126.0
160 45.0 36.7 55.1



#42
2,4,6-Tribromophenol
Concen: 175.405 ng
RT: 16.355 min Scan# 2224
Delta R.T. -0.006 min
Lab File: BG055358.D
Acq: 29 Oct 2022 2:12

Tgt Ion:330 Resp: 175750
Ion Ratio Lower Upper
330 100
332 94.9 77.4 116.0
141 32.6 29.8 44.8

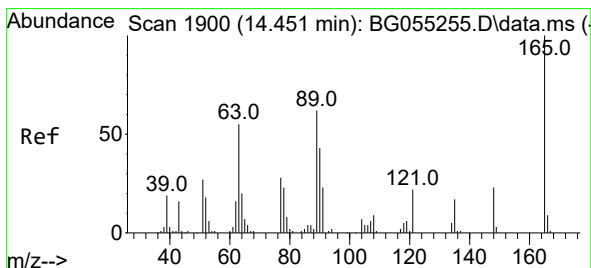
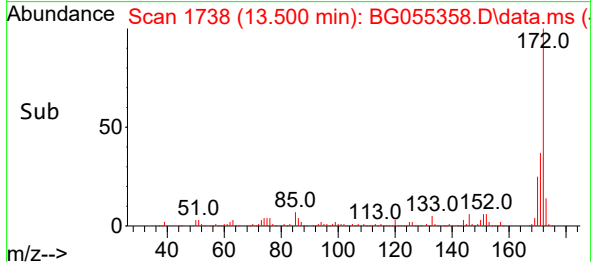
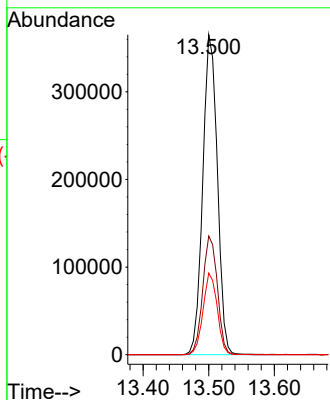
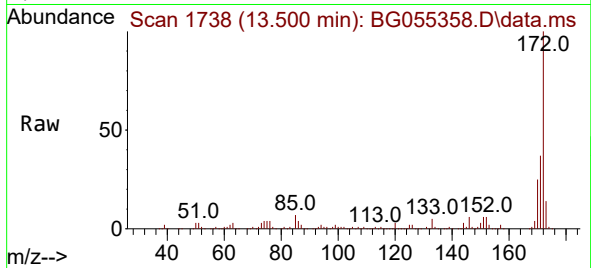




#45
2-Fluorobiphenyl
Concen: 100.709 ng
RT: 13.500 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG055358.D
Acq: 29 Oct 2022 2:12

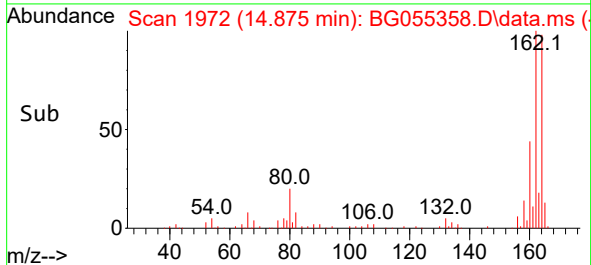
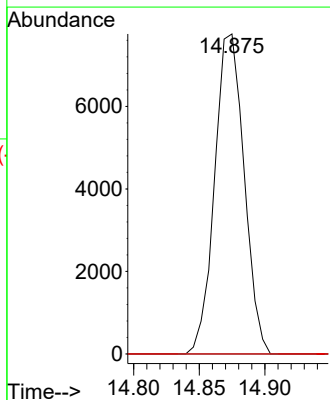
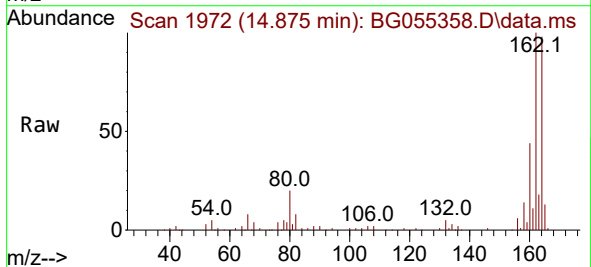
Instrument :
BNA_G
ClientSampleId :
LSP-GW-01

Tgt Ion:172 Resp: 567121
Ion Ratio Lower Upper
172 100
171 37.1 29.7 44.5
170 25.5 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 8.228 ng
RT: 14.875 min Scan# 1972
Delta R.T. 0.423 min
Lab File: BG055358.D
Acq: 29 Oct 2022 2:12

Tgt Ion:165 Resp: 12117
Ion Ratio Lower Upper
165 100
63 0.0 49.2 73.8#
89 0.0 49.9 74.9#





#57

2,4-Dinitrotoluene

Concen: 5.670 ng

RT: 14.875 min Scan# 1972

Delta R.T. -0.358 min

Lab File: BG055358.D

Acq: 29 Oct 2022 2:12

Instrument :

BNA_G

ClientSampleId :

LSP-GW-01

Tgt Ion:165 Resp: 12117

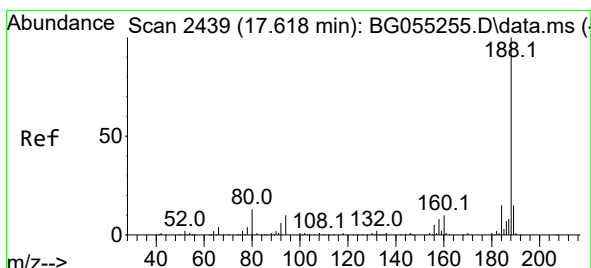
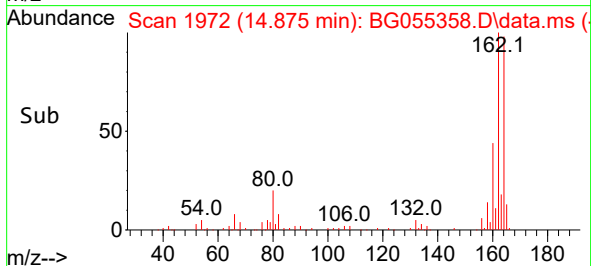
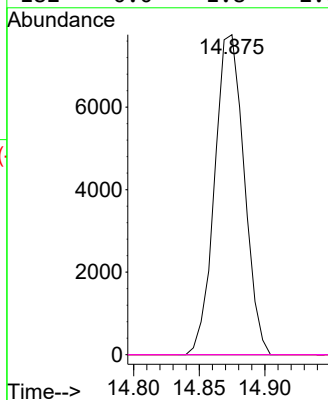
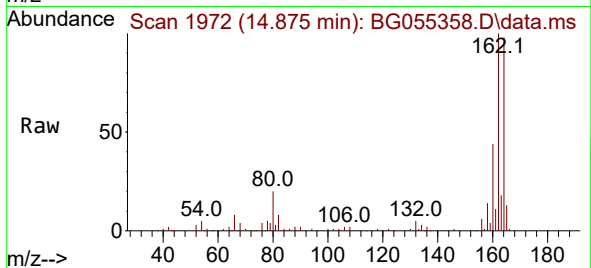
Ion Ratio Lower Upper

165 100

63 0.0 38.9 58.3#

89 0.0 64.2 96.4#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.607 min Scan# 2437

Delta R.T. -0.006 min

Lab File: BG055358.D

Acq: 29 Oct 2022 2:12

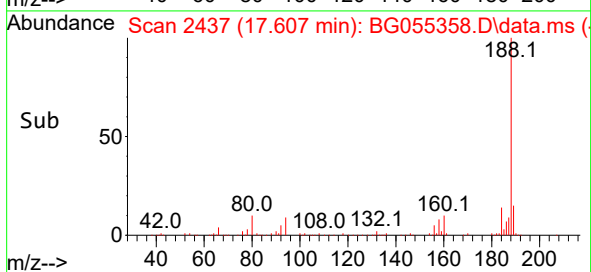
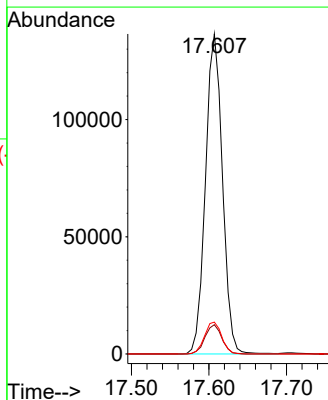
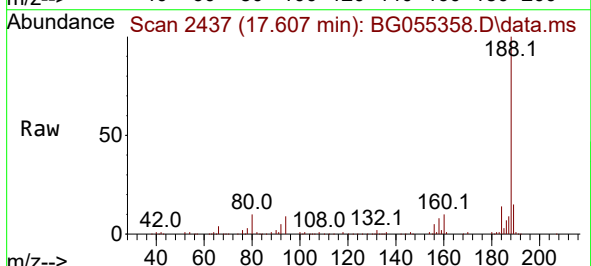
Tgt Ion:188 Resp: 207549

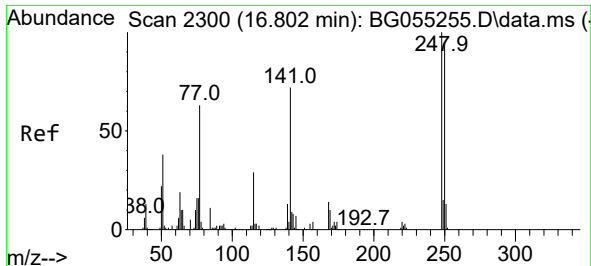
Ion Ratio Lower Upper

188 100

94 9.1 8.2 12.4

80 9.9 10.1 15.1#

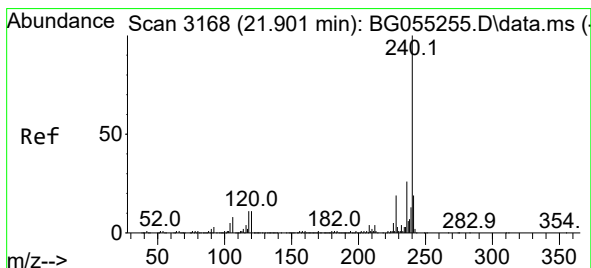
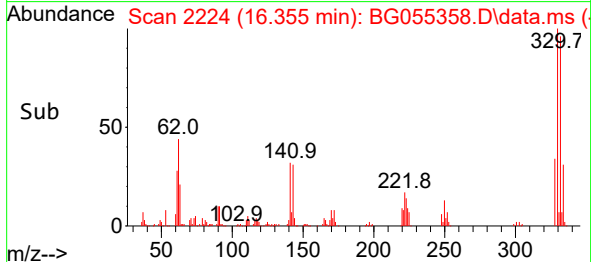
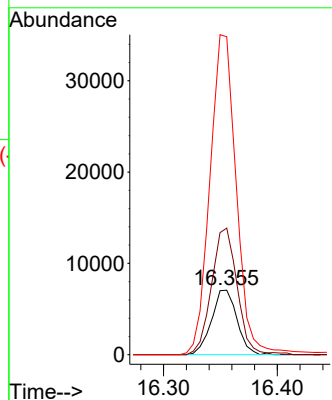
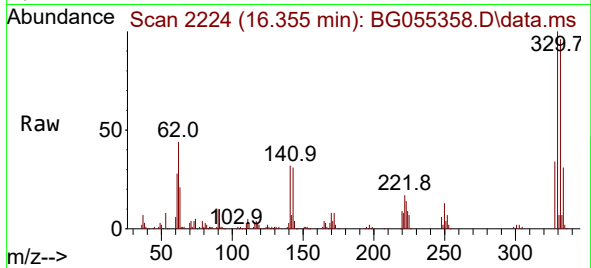




#67
4-Bromophenyl-phenylether
Concen: 5.461 ng
RT: 16.355 min Scan# 21
Delta R.T. -0.441 min
Lab File: BG055358.D
Acq: 29 Oct 2022 2:12

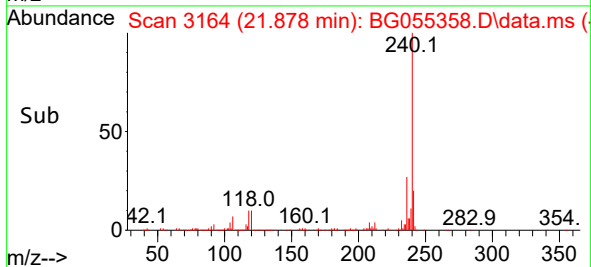
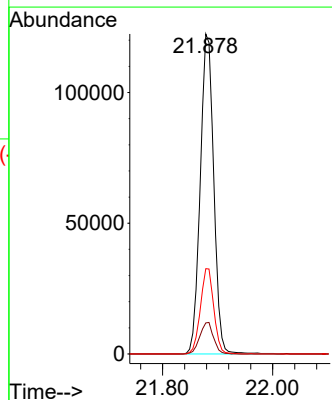
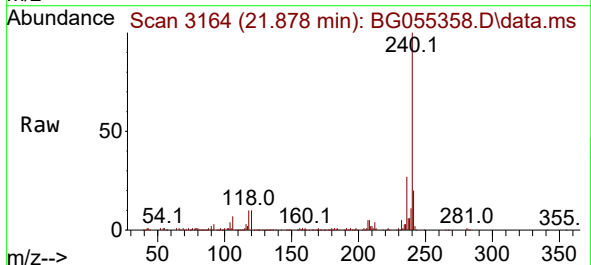
Instrument :
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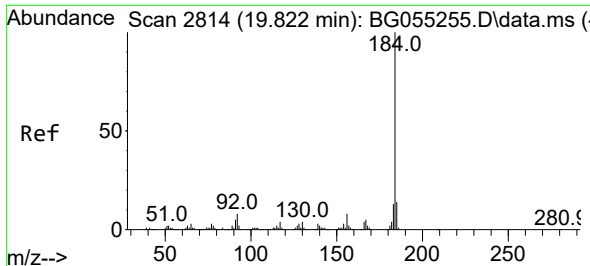
Tgt Ion:248 Resp: 11011
Ion Ratio Lower Upper
248 100
250 196.1 76.0 114.0#
141 492.6 58.0 87.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.878 min Scan# 3164
Delta R.T. -0.012 min
Lab File: BG055358.D
Acq: 29 Oct 2022 2:12

Tgt Ion:240 Resp: 208416
Ion Ratio Lower Upper
240 100
120 9.7 8.9 13.3
236 26.7 21.0 31.4

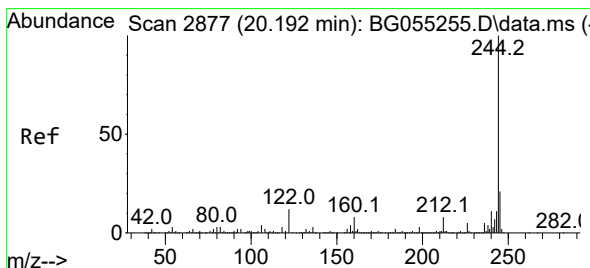
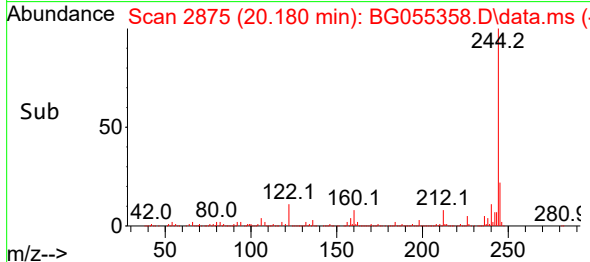
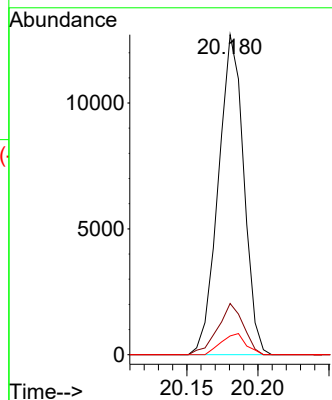
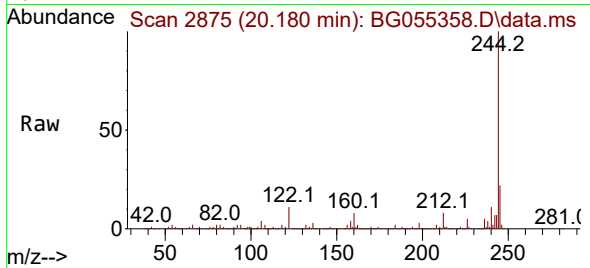




#77
Benzidine
Concen: 3.134 ng
RT: 20.180 min Scan# 2814
Delta R.T. 0.364 min
Lab File: BG055358.D
Acq: 29 Oct 2022 2:12

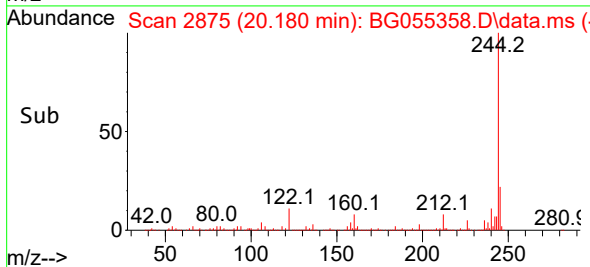
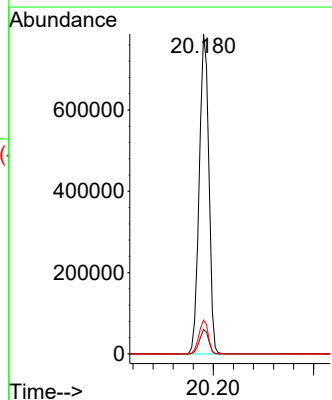
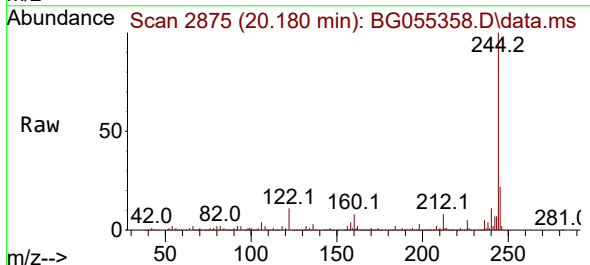
Instrument :
BNA_G
ClientSampleId :
LSP-GW-01

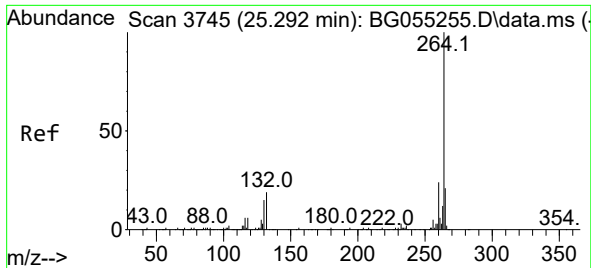
Tgt Ion:184 Resp: 15817
Ion Ratio Lower Upper
184 100
185 16.0 11.0 16.6
183 5.9 10.0 15.0#



#79
Terphenyl-d14
Concen: 104.324 ng
RT: 20.180 min Scan# 2875
Delta R.T. -0.006 min
Lab File: BG055358.D
Acq: 29 Oct 2022 2:12

Tgt Ion:244 Resp: 1046488
Ion Ratio Lower Upper
244 100
212 7.6 6.0 9.0
122 10.5 9.6 14.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.269 min Scan# 31

Delta R.T. -0.018 min

Lab File: BG055358.D

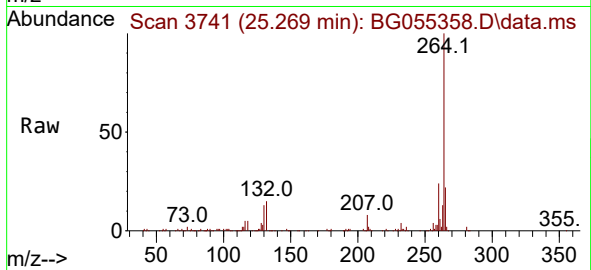
Acq: 29 Oct 2022 2:12

Instrument :

BNA_G

ClientSampleId :

LSP-GW-01



Tgt Ion:264 Resp: 214922

Ion Ratio Lower Upper

264 100

260 24.4 19.5 29.3

265 22.1 17.4 26.2

