

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090622\
 Data File : BG054854.D
 Acq On : 6 Sep 2022 16:24
 Operator : CG/JU
 Sample : PB147406BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB147406BL

Quant Time: Sep 07 04:56:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 17:50:55 2022
 Response via : Initial Calibration

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

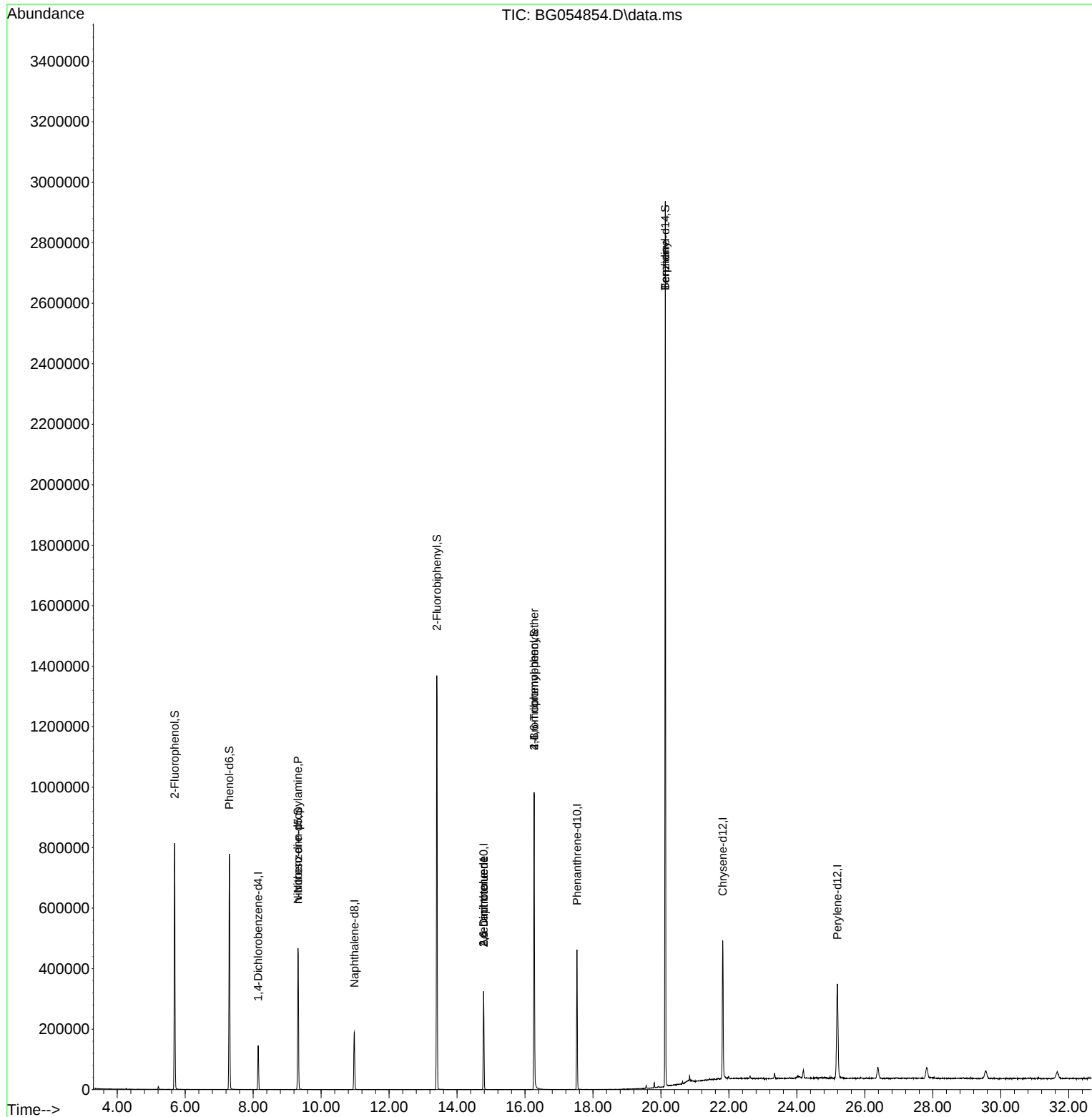
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.145	152	45159	20.000	ng	0.00
21) Naphthalene-d8	10.977	136	183455	20.000	ng	# 0.00
39) Acenaphthene-d10	14.778	164	126587	20.000	ng	0.00
64) Phenanthrene-d10	17.528	188	304526	20.000	ng	0.00
76) Chrysene-d12	21.817	240	301072	20.000	ng	0.00
86) Perylene-d12	25.189	264	307602	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.689	112	382455	147.477	ng	0.00
7) Phenol-d6	7.298	99	500556	141.138	ng	0.00
23) Nitrobenzene-d5	9.320	82	305390	87.389	ng	0.00
42) 2,4,6-Tribromophenol	16.270	330	227503	143.827	ng	0.00
45) 2-Fluorobiphenyl	13.403	172	762563	90.542	ng	0.00
79) Terphenyl-d14	20.125	244	1403102	92.340	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.320	70	37933	15.554	ng	# 77
51) 2,6-Dinitrotoluene	14.778	165	16295	8.169	ng	# 20
57) 2,4-Dinitrotoluene	14.778	165	16295	5.906	ng	# 18
67) 4-Bromophenyl-phenylether	16.270	248	14481	4.331	ng	# 1
77) Benzidine	20.125	184	21274	2.853	ng	# 92

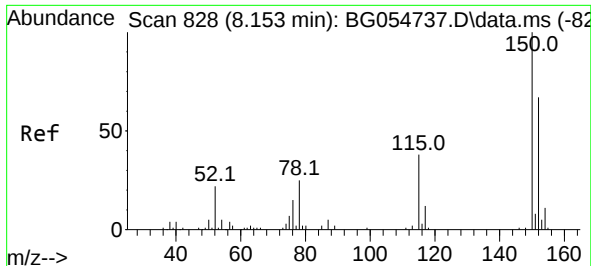
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090622\
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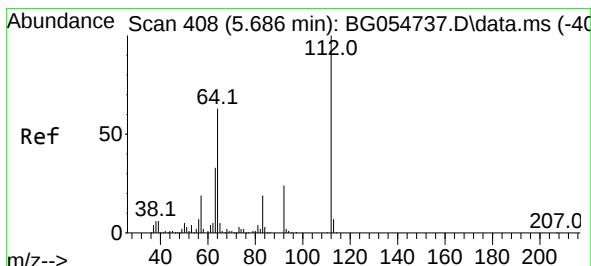
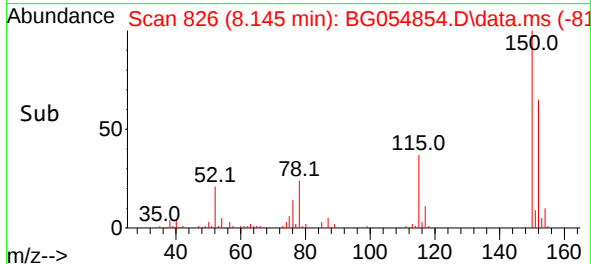
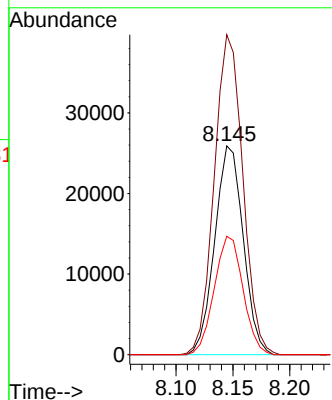
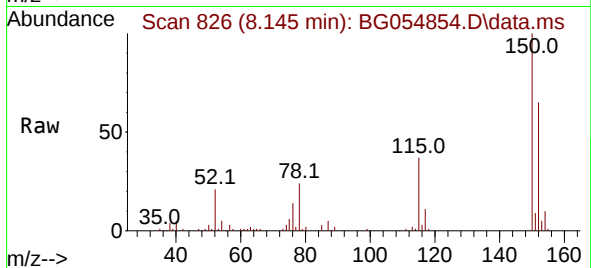




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.145 min Scan# 81
Delta R.T. -0.008 min
Lab File: BG054854.D
Acq: 6 Sep 2022 16:24

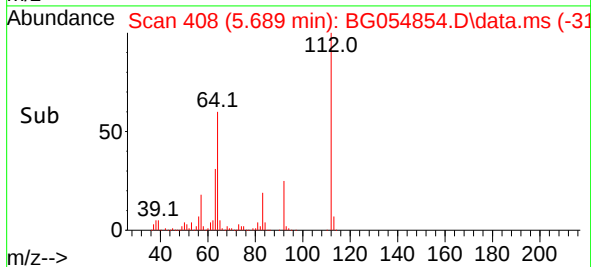
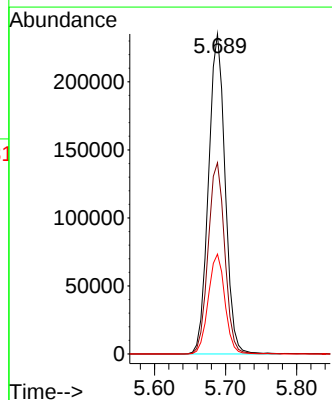
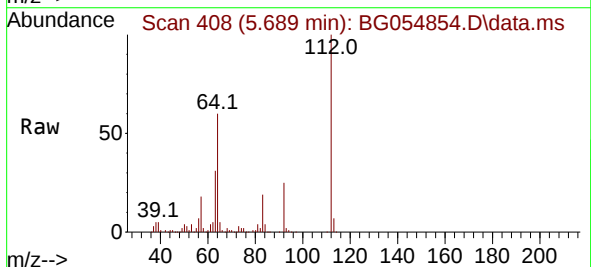
Instrument :
BNA_G
ClientSampleId :
PB147406BL

Tgt Ion:152 Resp: 45159
Ion Ratio Lower Upper
152 100
150 153.3 125.2 187.8
115 56.7 47.9 71.9



#5
2-Fluorophenol
Concen: 147.477 ng
RT: 5.689 min Scan# 408
Delta R.T. 0.003 min
Lab File: BG054854.D
Acq: 6 Sep 2022 16:24

Tgt Ion:112 Resp: 382455
Ion Ratio Lower Upper
112 100
64 59.7 49.3 73.9
63 31.2 26.3 39.5

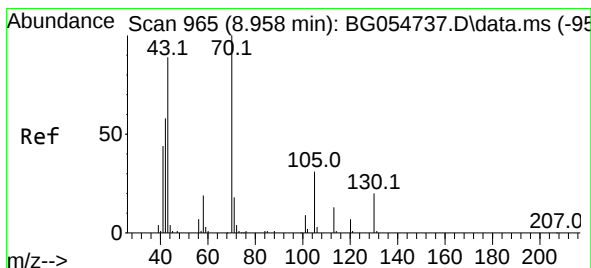
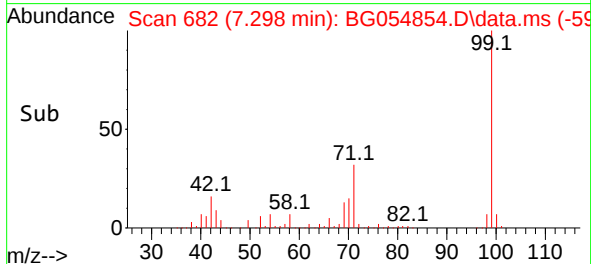
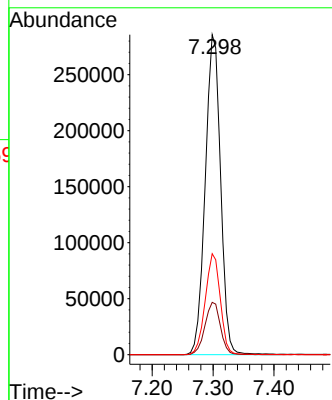
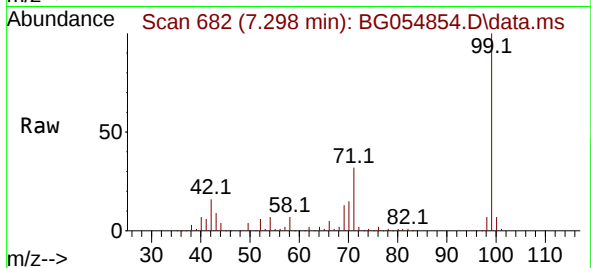




#7
Phenol-d6
Concen: 141.138 ng
RT: 7.298 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG054854.D
Acq: 6 Sep 2022 16:24

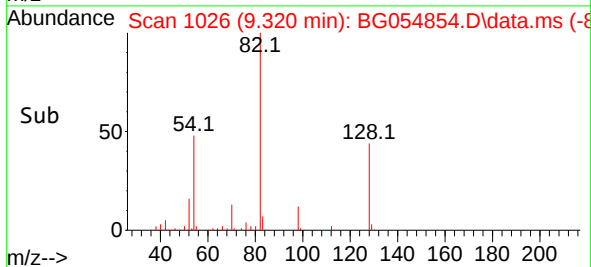
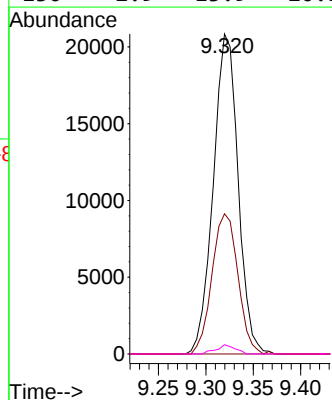
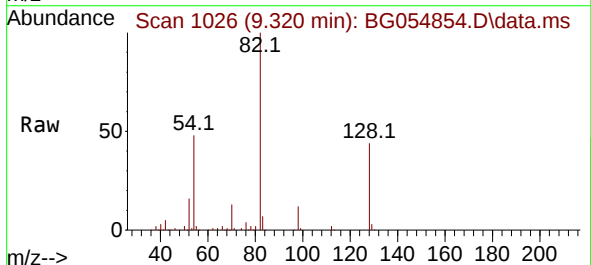
Instrument :
BNA_G
ClientSampleId :
PB147406BL

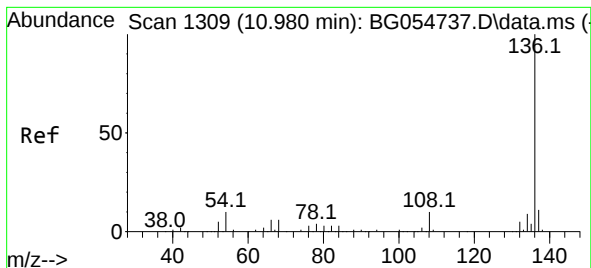
Tgt Ion: 99 Resp: 500556
Ion Ratio Lower Upper
99 100
42 16.3 14.6 22.0
71 31.6 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 15.554 ng
RT: 9.320 min Scan# 1026
Delta R.T. 0.361 min
Lab File: BG054854.D
Acq: 6 Sep 2022 16:24

Tgt Ion: 70 Resp: 37933
Ion Ratio Lower Upper
70 100
42 43.8 46.6 69.8#
101 0.0 7.7 11.5#
130 2.9 13.9 20.9#

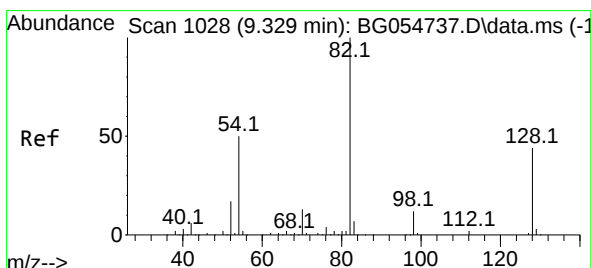
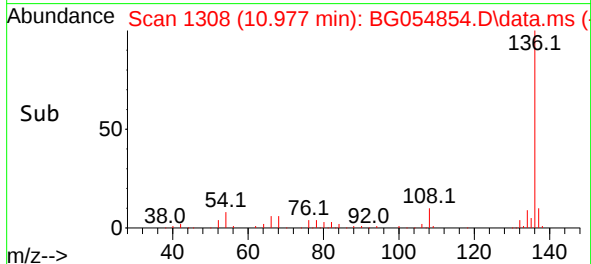
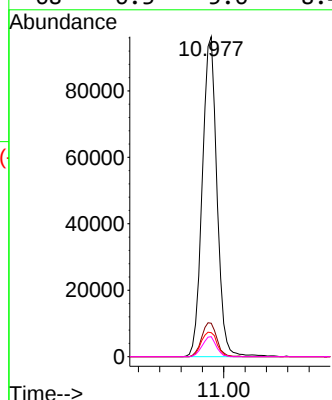
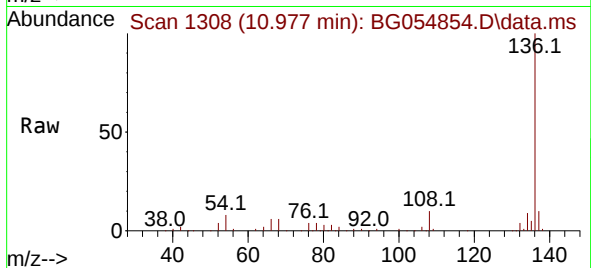




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.977 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG054854.D
Acq: 6 Sep 2022 16:24

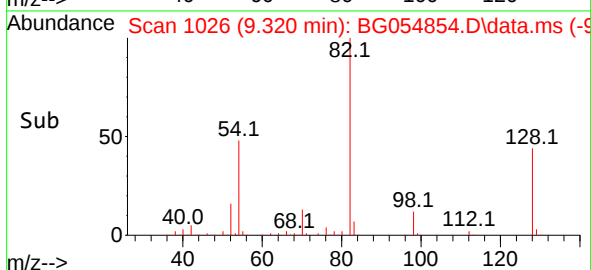
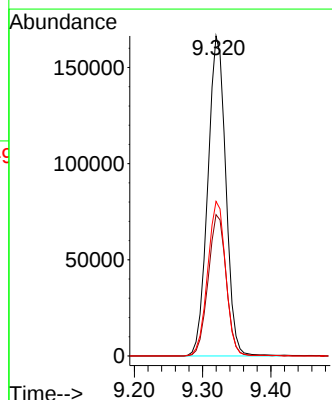
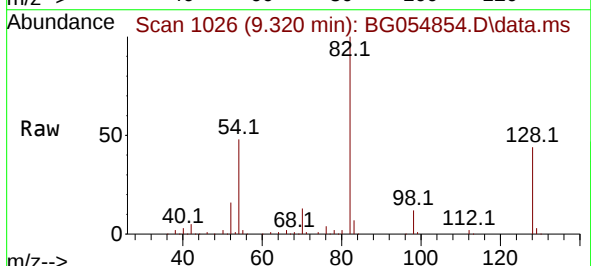
Instrument :
BNA_G
ClientSampleId :
PB147406BL

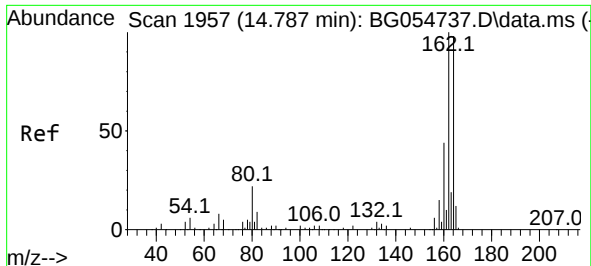
Tgt Ion:136 Resp: 183455
Ion Ratio Lower Upper
136 100
137 10.4 9.2 13.8
54 7.5 7.7 11.5#
68 6.3 5.6 8.4



#23
Nitrobenzene-d5
Concen: 87.389 ng
RT: 9.320 min Scan# 1026
Delta R.T. -0.009 min
Lab File: BG054854.D
Acq: 6 Sep 2022 16:24

Tgt Ion: 82 Resp: 305390
Ion Ratio Lower Upper
82 100
128 44.1 32.2 48.2
54 48.3 41.4 62.0

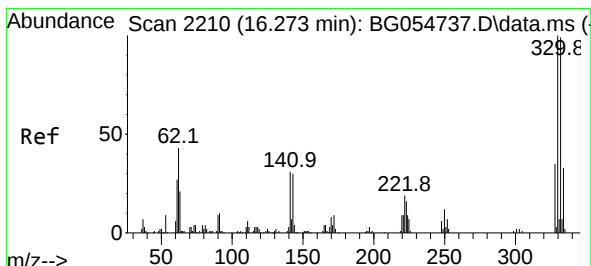
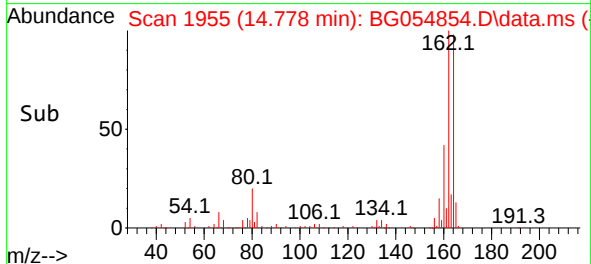
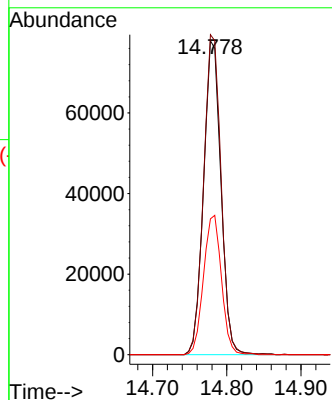
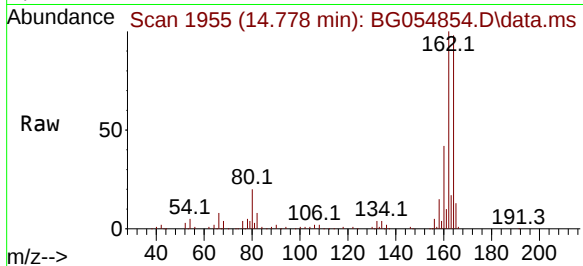




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.778 min Scan# 1955
Delta R.T. -0.009 min
Lab File: BG054854.D
Acq: 6 Sep 2022 16:24

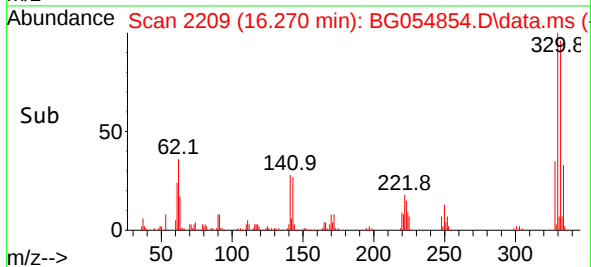
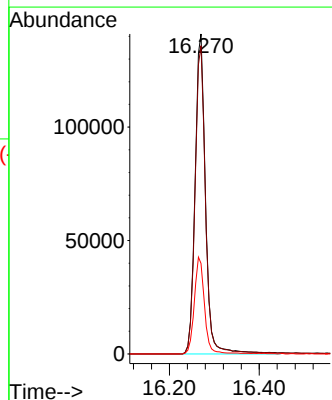
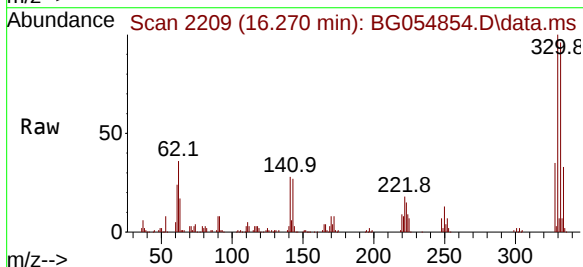
Instrument :
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ClientSampleId :
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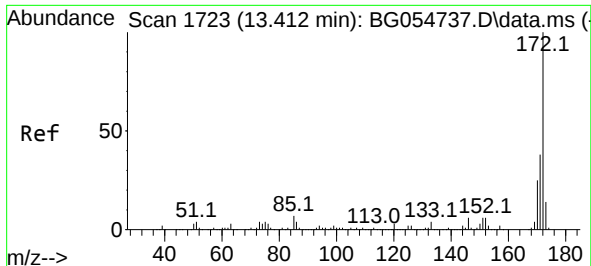
Tgt Ion:164 Resp: 126587
Ion Ratio Lower Upper
164 100
162 101.9 83.0 124.4
160 43.3 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 143.827 ng
RT: 16.270 min Scan# 2209
Delta R.T. -0.003 min
Lab File: BG054854.D
Acq: 6 Sep 2022 16:24

Tgt Ion:330 Resp: 227503
Ion Ratio Lower Upper
330 100
332 96.3 79.8 119.6
141 29.7 26.8 40.2

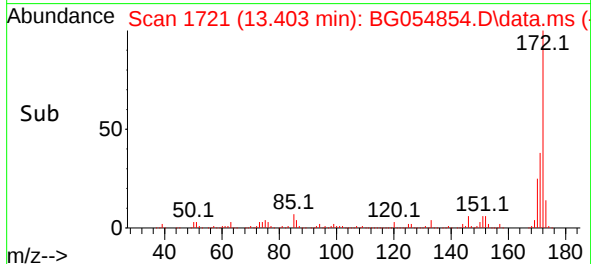
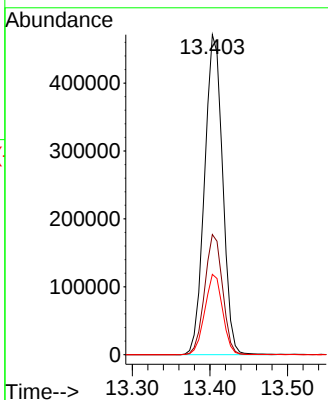
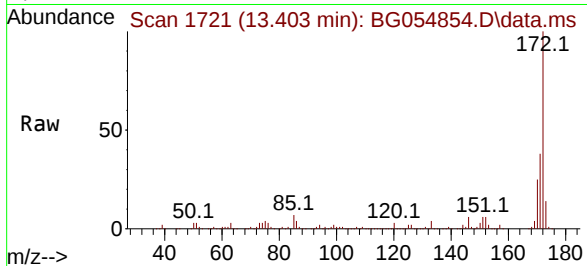




#45
2-Fluorobiphenyl
Concen: 90.542 ng
RT: 13.403 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG054854.D
Acq: 6 Sep 2022 16:24

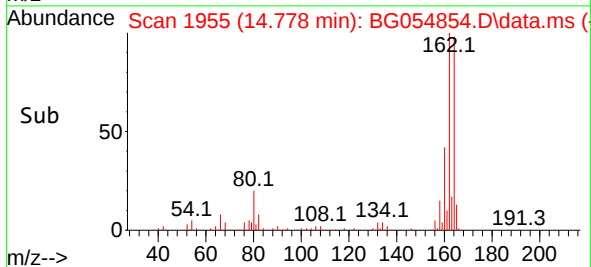
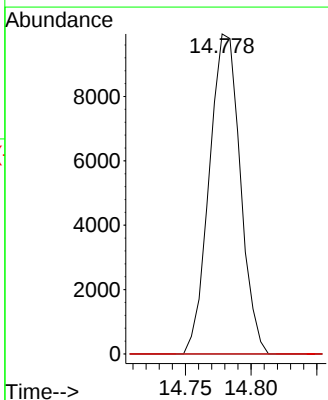
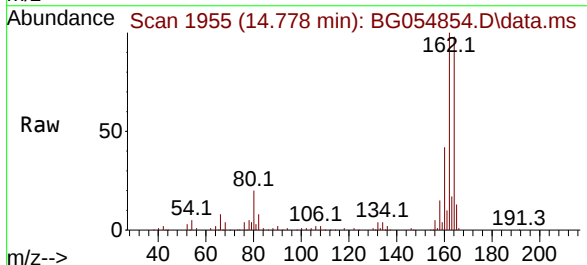
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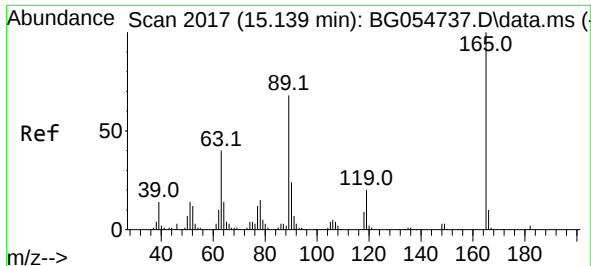
Tgt Ion:172 Resp: 762563
Ion Ratio Lower Upper
172 100
171 37.6 31.2 46.8
170 25.1 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 8.169 ng
RT: 14.778 min Scan# 1955
Delta R.T. 0.420 min
Lab File: BG054854.D
Acq: 6 Sep 2022 16:24

Tgt Ion:165 Resp: 16295
Ion Ratio Lower Upper
165 100
63 0.0 46.0 69.0#
89 0.0 50.3 75.5#





#57

2,4-Dinitrotoluene

Concen: 5.906 ng

RT: 14.778 min Scan# 1955

Delta R.T. -0.362 min

Lab File: BG054854.D

Acq: 6 Sep 2022 16:24

Instrument :

BNA_G

ClientSampleId :

PB147406BL

Tgt Ion:165 Resp: 16295

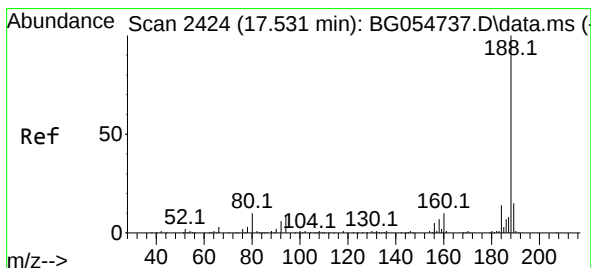
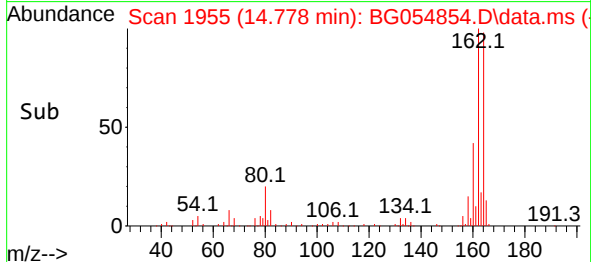
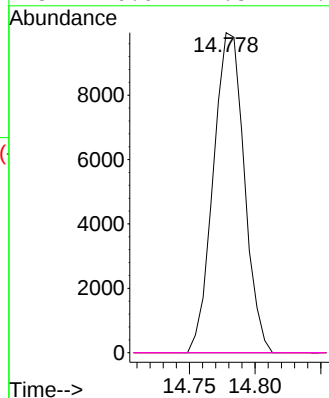
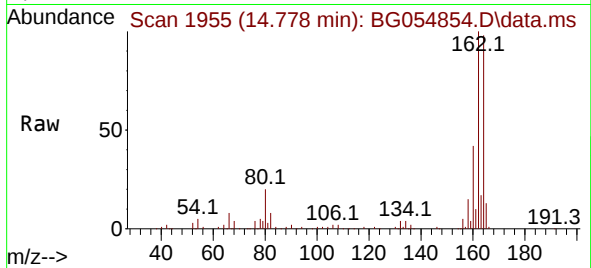
Ion Ratio Lower Upper

165 100

63 0.0 36.8 55.2#

89 0.0 64.3 96.5#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.528 min Scan# 2423

Delta R.T. -0.003 min

Lab File: BG054854.D

Acq: 6 Sep 2022 16:24

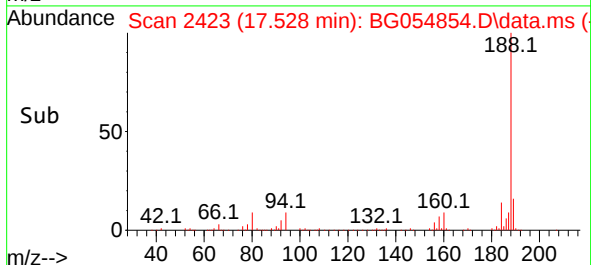
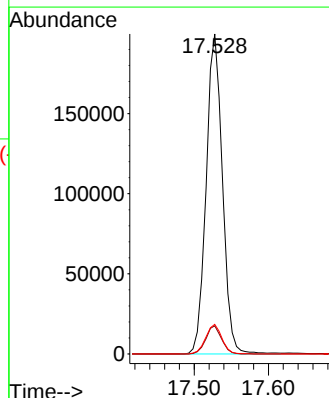
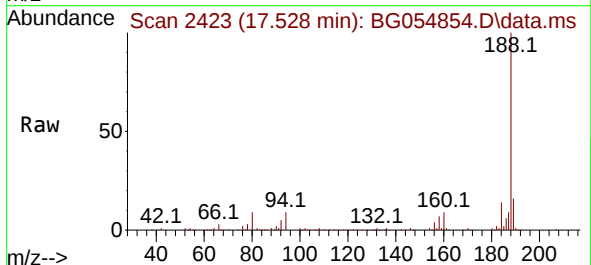
Tgt Ion:188 Resp: 304526

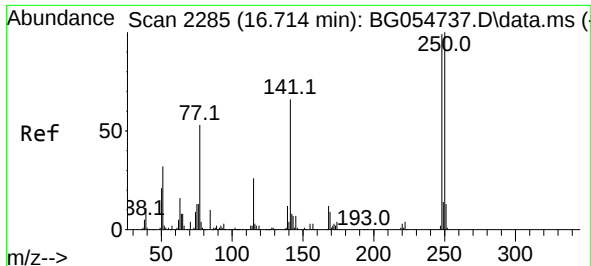
Ion Ratio Lower Upper

188 100

94 8.8 7.0 10.4

80 9.3 7.9 11.9

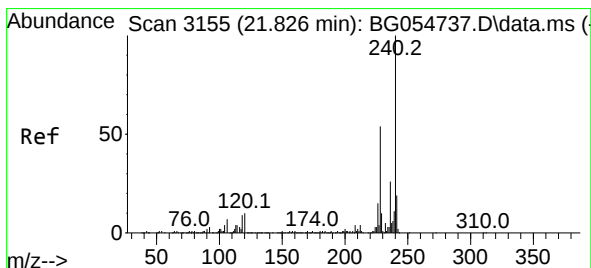
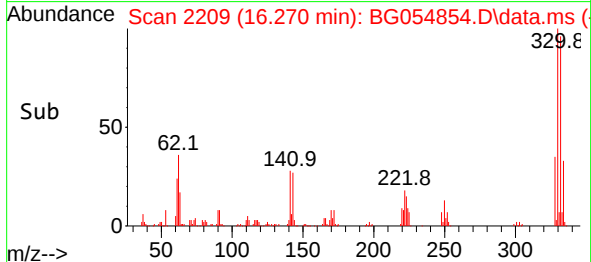
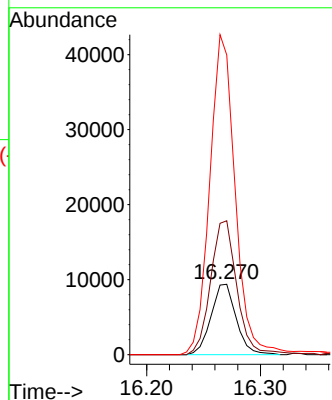
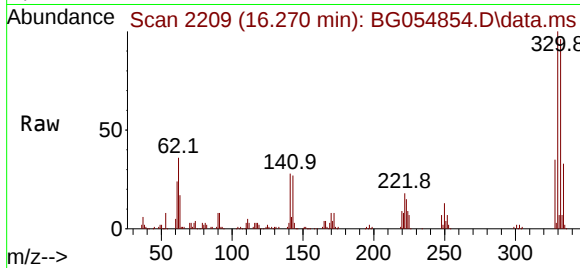




#67
4-Bromophenyl-phenylether
Concen: 4.331 ng
RT: 16.270 min Scan# 21
Delta R.T. -0.444 min
Lab File: BG054854.D
Acq: 6 Sep 2022 16:24

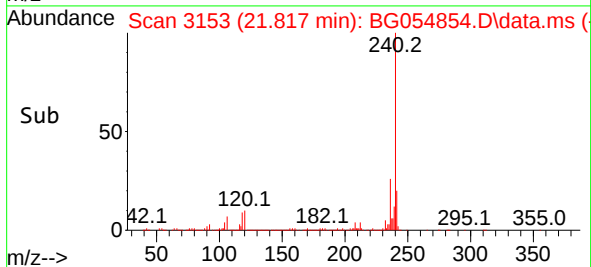
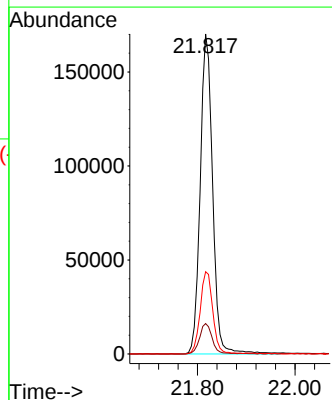
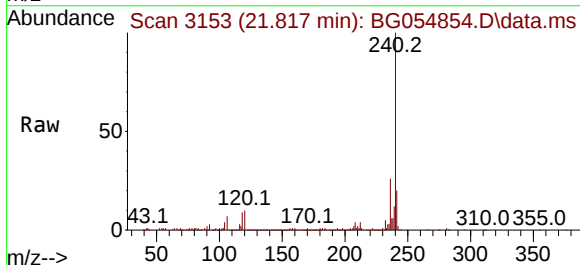
Instrument :
BNA_G
ClientSampleId :
PB147406BL

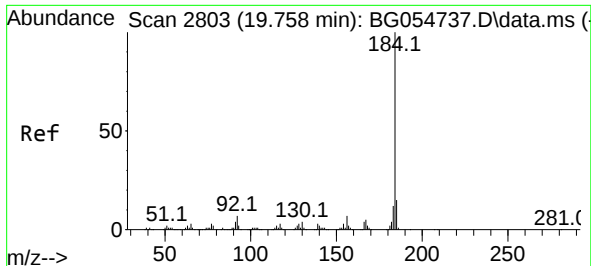
Tgt Ion:248 Resp: 14481
Ion Ratio Lower Upper
248 100
250 190.1 78.8 118.2#
141 425.5 51.9 77.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.817 min Scan# 3153
Delta R.T. -0.009 min
Lab File: BG054854.D
Acq: 6 Sep 2022 16:24

Tgt Ion:240 Resp: 301072
Ion Ratio Lower Upper
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120 9.5 8.2 12.4
236 25.7 21.2 31.8

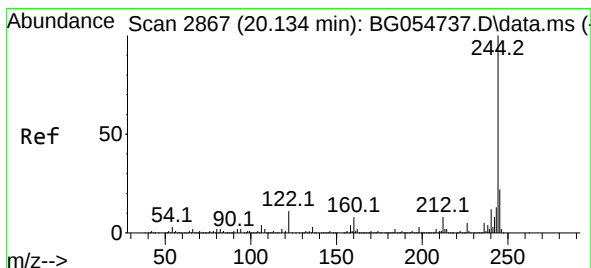
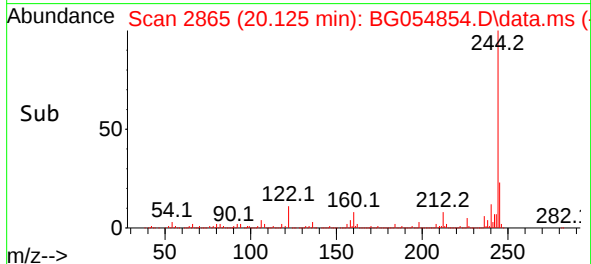
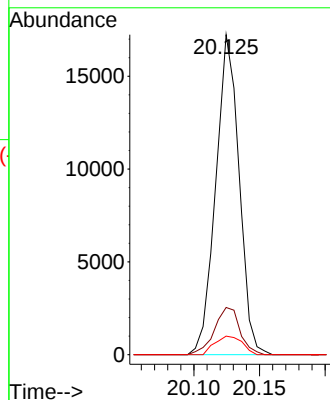
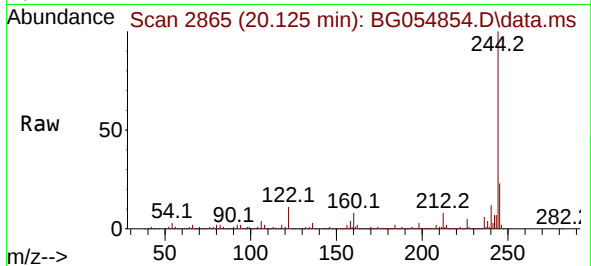




#77
Benzidine
Concen: 2.853 ng
RT: 20.125 min Scan# 21
Delta R.T. 0.367 min
Lab File: BG054854.D
Acq: 6 Sep 2022 16:24

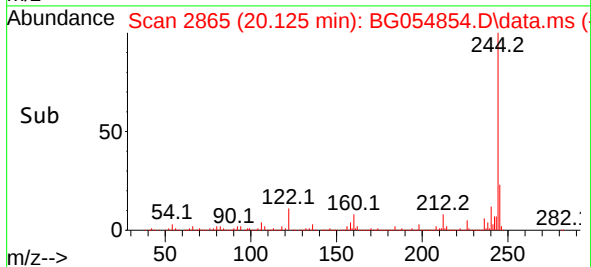
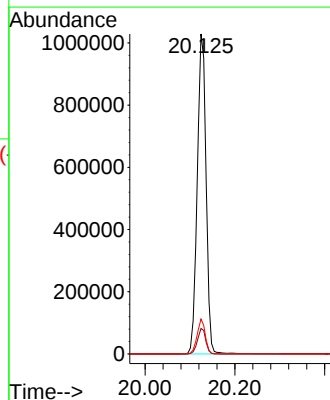
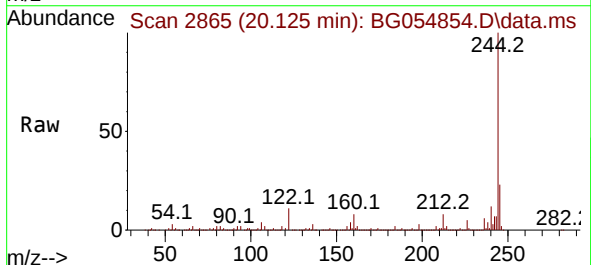
Instrument :
BNA_G
ClientSampleId :
PB147406BL

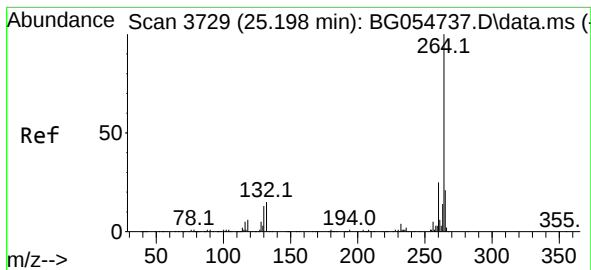
Tgt Ion:184 Resp: 21274
Ion Ratio Lower Upper
184 100
185 14.8 11.4 17.0
183 5.8 9.8 14.8#



#79
Terphenyl-d14
Concen: 92.340 ng
RT: 20.125 min Scan# 2865
Delta R.T. -0.009 min
Lab File: BG054854.D
Acq: 6 Sep 2022 16:24

Tgt Ion:244 Resp: 1403102
Ion Ratio Lower Upper
244 100
212 8.0 6.2 9.2
122 10.9 9.0 13.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.189 min Scan# 31

Delta R.T. -0.009 min

Lab File: BG054854.D

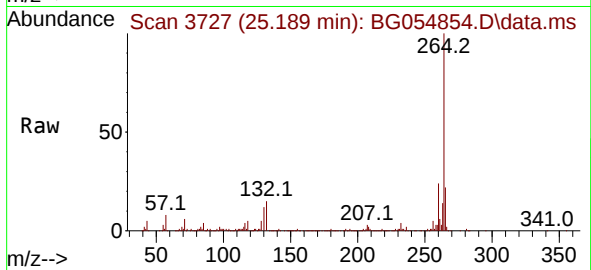
Acq: 6 Sep 2022 16:24

Instrument :

BNA_G

ClientSampleId :

PB147406BL



Tgt Ion:264 Resp: 307602

Ion Ratio Lower Upper

264 100

260 23.9 19.9 29.9

265 22.0 16.9 25.3

