

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090922\
 Data File : BG054897.D
 Acq On : 9 Sep 2022 14:50
 Operator : CG/JU
 Sample : PB147554BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB147554BL

Quant Time: Sep 10 01:57:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 10 01:53:42 2022
 Response via : Initial Calibration

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

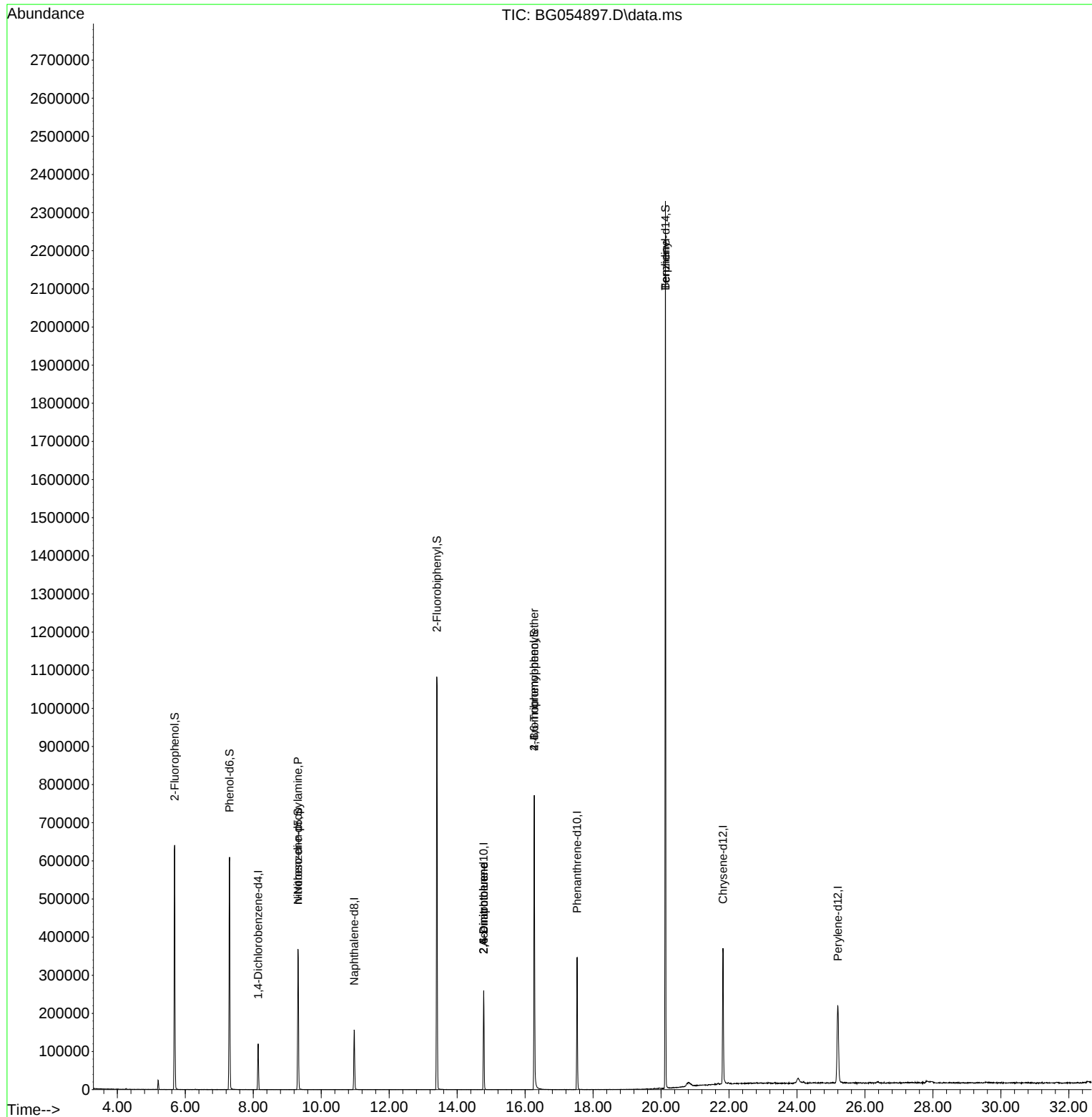
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.141	152	38381	20.000	ng	0.00
21) Naphthalene-d8	10.967	136	149611	20.000	ng	0.00
39) Acenaphthene-d10	14.781	164	102783	20.000	ng	0.00
64) Phenanthrene-d10	17.530	188	246852	20.000	ng	0.00
76) Chrysene-d12	21.819	240	243277	20.000	ng	0.00
86) Perylene-d12	25.198	264	250607	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.685	112	313640	142.300	ng	0.00
7) Phenol-d6	7.301	99	403731	133.940	ng	0.00
23) Nitrobenzene-d5	9.316	82	240399	84.353	ng	0.00
42) 2,4,6-Tribromophenol	16.267	330	183044	142.520	ng	0.00
45) 2-Fluorobiphenyl	13.400	172	615308	89.978	ng	0.00
79) Terphenyl-d14	20.127	244	1151838	93.812	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.316	70	30258	14.598	ng	# 76
51) 2,6-Dinitrotoluene	14.775	165	13494	8.331	ng	# 20
57) 2,4-Dinitrotoluene	14.775	165	13494	6.023	ng	# 18
67) 4-Bromophenyl-phenylether	16.267	248	11381	4.199	ng	# 1
77) Benzidine	20.127	184	16685	2.769	ng	# 91

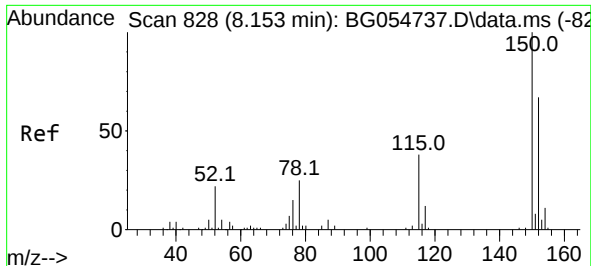
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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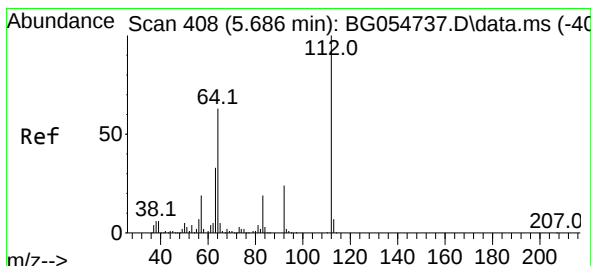
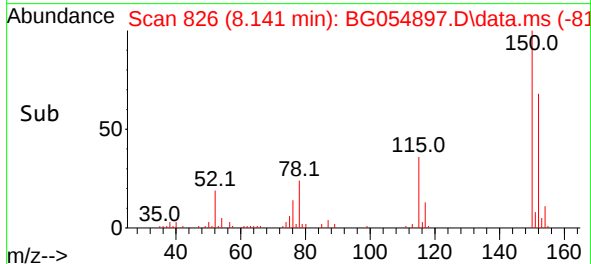
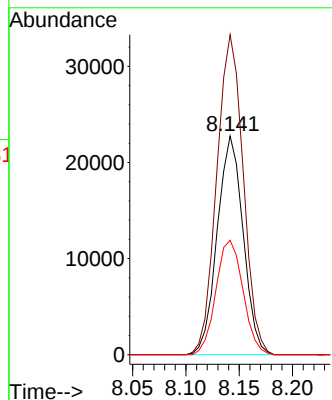
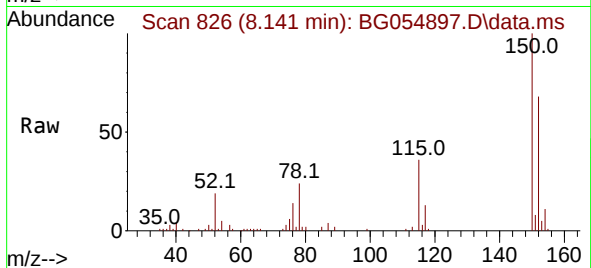




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.141 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG054897.D
Acq: 9 Sep 2022 14:50

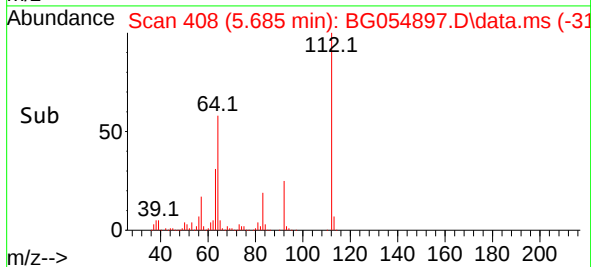
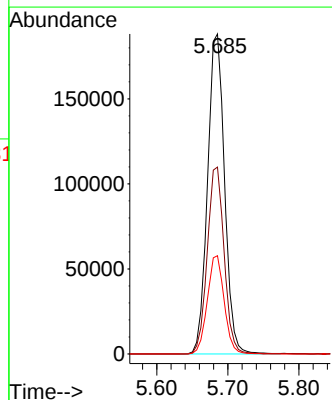
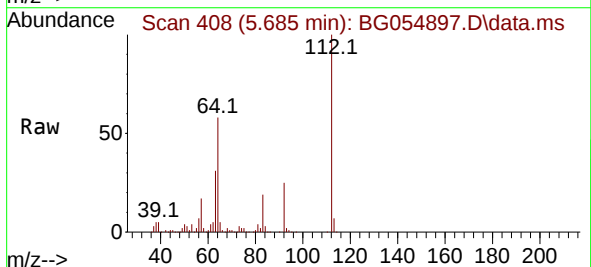
Instrument :
BNA_G
ClientSampleId :
PB147554BL

Tgt Ion:152 Resp: 38381
Ion Ratio Lower Upper
152 100
150 146.3 125.2 187.8
115 52.3 47.9 71.9



#5
2-Fluorophenol
Concen: 142.300 ng
RT: 5.685 min Scan# 408
Delta R.T. 0.001 min
Lab File: BG054897.D
Acq: 9 Sep 2022 14:50

Tgt Ion:112 Resp: 313640
Ion Ratio Lower Upper
112 100
64 58.4 49.3 73.9
63 30.7 26.3 39.5

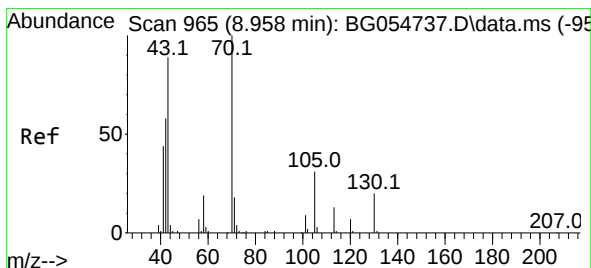
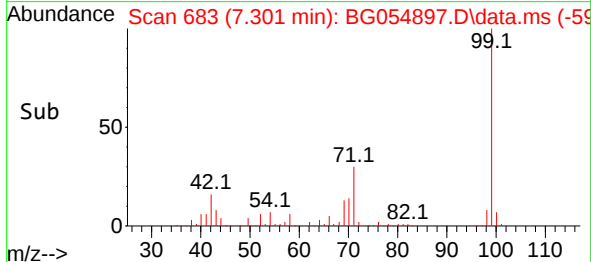
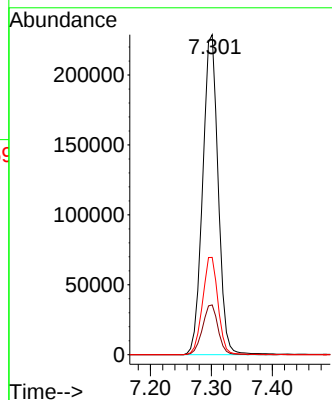
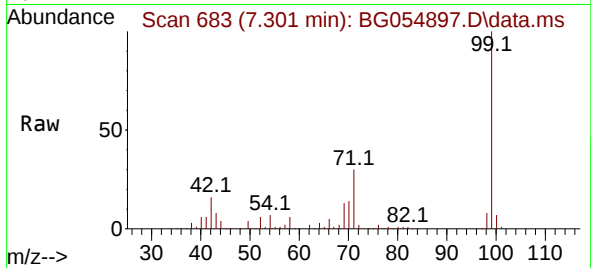




#7
Phenol-d6
Concen: 133.940 ng
RT: 7.301 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG054897.D
Acq: 9 Sep 2022 14:50

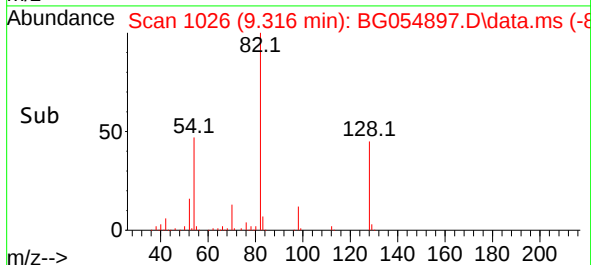
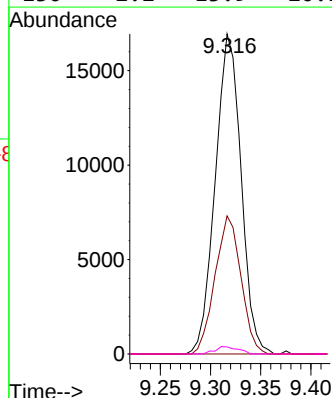
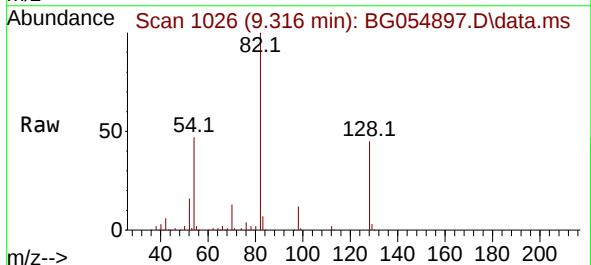
Instrument :
BNA_G
ClientSampleId :
PB147554BL

Tgt Ion: 99 Resp: 403731
Ion Ratio Lower Upper
99 100
42 15.6 14.6 22.0
71 30.4 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 14.598 ng
RT: 9.316 min Scan# 1026
Delta R.T. 0.365 min
Lab File: BG054897.D
Acq: 9 Sep 2022 14:50

Tgt Ion: 70 Resp: 30258
Ion Ratio Lower Upper
70 100
42 43.2 46.6 69.8#
101 0.0 7.7 11.5#
130 2.2 13.9 20.9#





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.967 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG054897.D
Acq: 9 Sep 2022 14:50

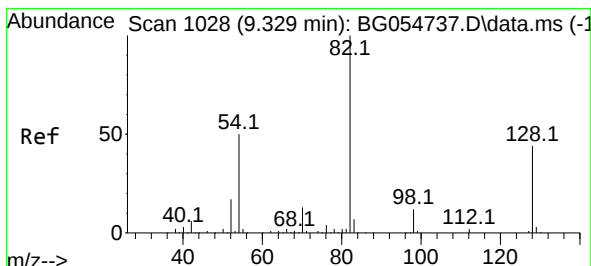
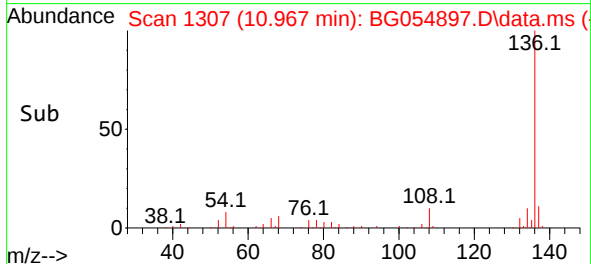
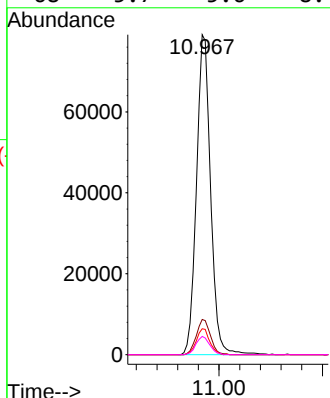
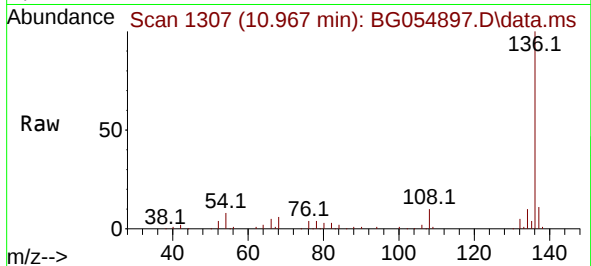
Instrument :

BNA_G

ClientSampleId :

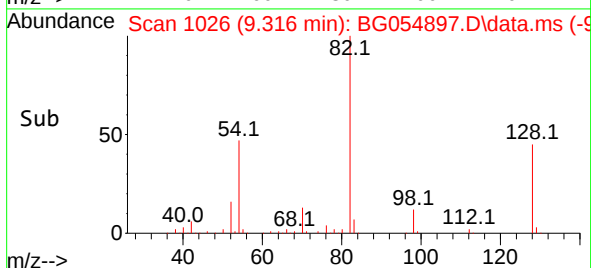
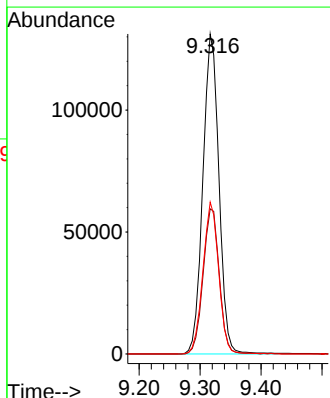
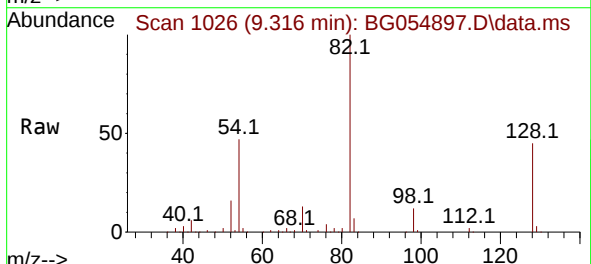
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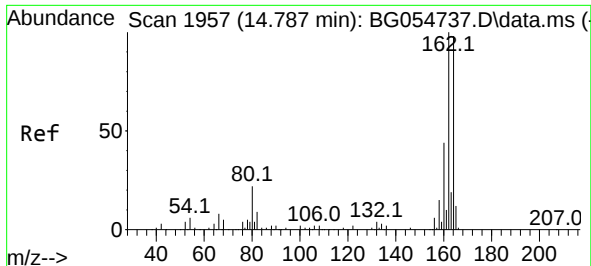
Tgt Ion:136 Resp: 149611
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 8.1 7.7 11.5
68 5.7 5.6 8.4



#23
Nitrobenzene-d5
Concen: 84.353 ng
RT: 9.316 min Scan# 1026
Delta R.T. -0.005 min
Lab File: BG054897.D
Acq: 9 Sep 2022 14:50

Tgt Ion: 82 Resp: 240399
Ion Ratio Lower Upper
82 100
128 45.3 32.2 48.2
54 47.4 41.4 62.0

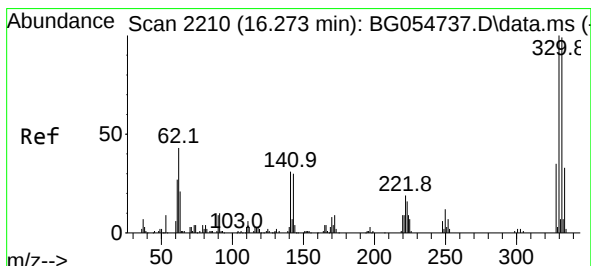
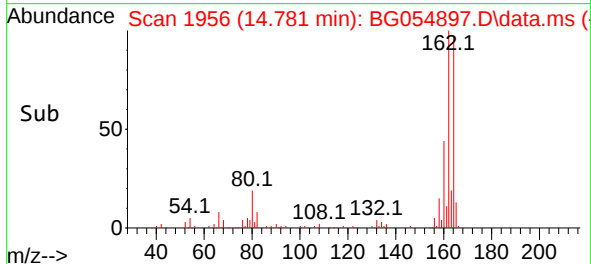
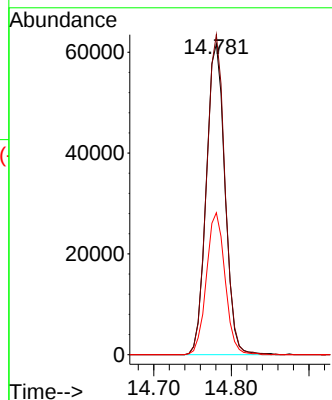
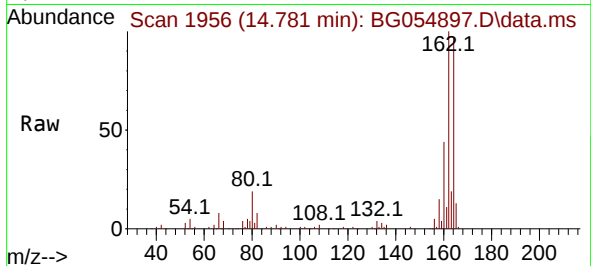




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.781 min Scan# 1957
 Delta R.T. 0.001 min
 Lab File: BG054897.D
 Acq: 9 Sep 2022 14:50

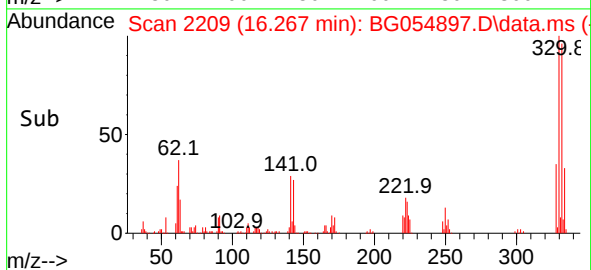
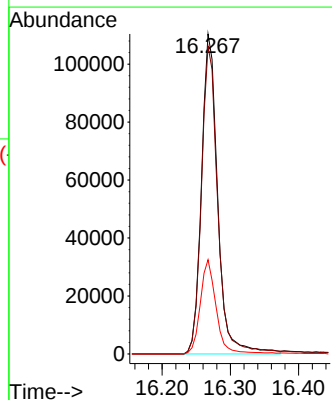
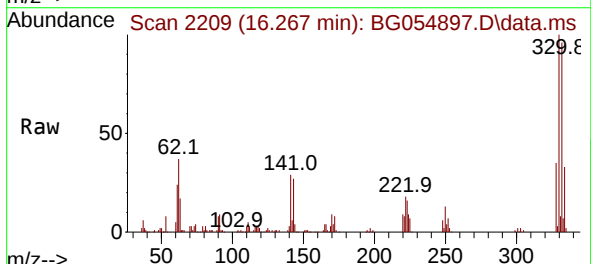
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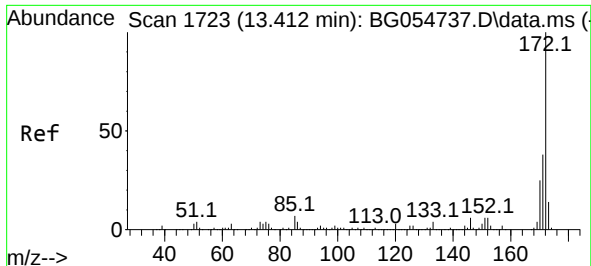
Tgt Ion:164 Resp: 102783
 Ion Ratio Lower Upper
 164 100
 162 103.0 83.0 124.4
 160 45.7 38.0 57.0



#42
 2,4,6-Tribromophenol
 Concen: 142.520 ng
 RT: 16.267 min Scan# 2209
 Delta R.T. -0.005 min
 Lab File: BG054897.D
 Acq: 9 Sep 2022 14:50

Tgt Ion:330 Resp: 183044
 Ion Ratio Lower Upper
 330 100
 332 98.8 79.8 119.6
 141 29.2 26.8 40.2

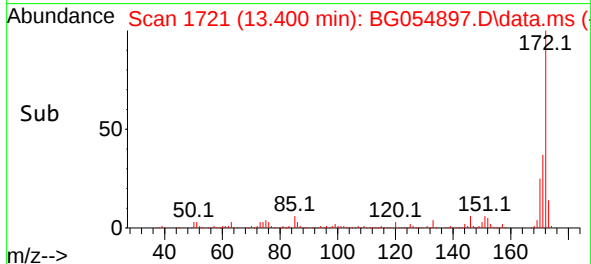
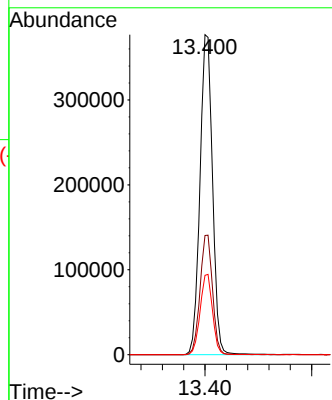
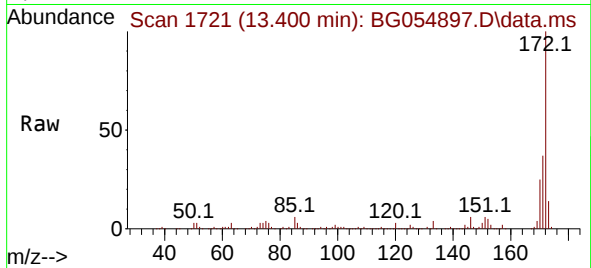




#45
2-Fluorobiphenyl
Concen: 89.978 ng
RT: 13.400 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG054897.D
Acq: 9 Sep 2022 14:50

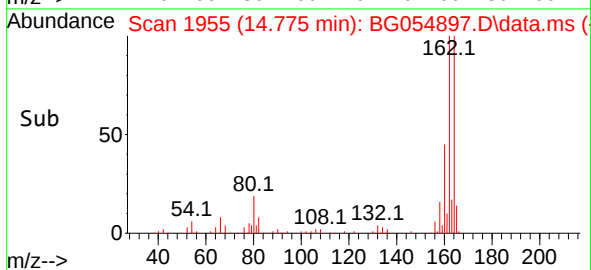
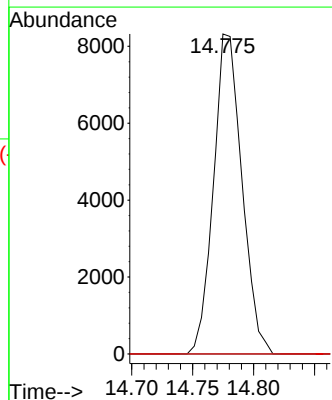
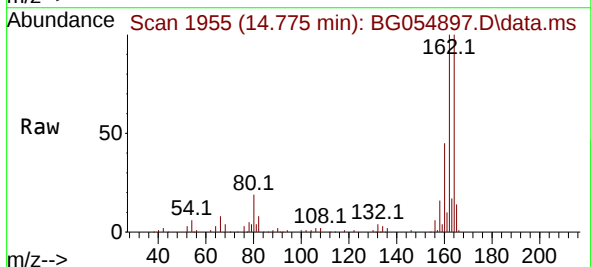
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BNA_G
ClientSampleId :
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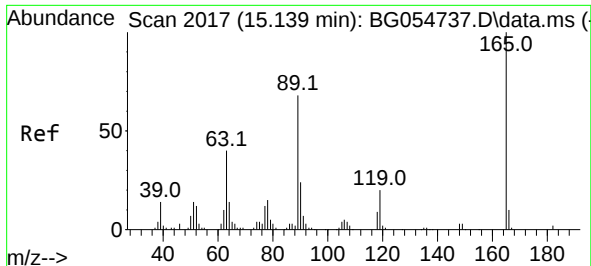
Tgt Ion:172 Resp: 615308
Ion Ratio Lower Upper
172 100
171 37.2 31.2 46.8
170 24.8 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 8.331 ng
RT: 14.775 min Scan# 1955
Delta R.T. 0.418 min
Lab File: BG054897.D
Acq: 9 Sep 2022 14:50

Tgt Ion:165 Resp: 13494
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: 6.023 ng

RT: 14.775 min Scan# 1955

Delta R.T. -0.369 min

Lab File: BG054897.D

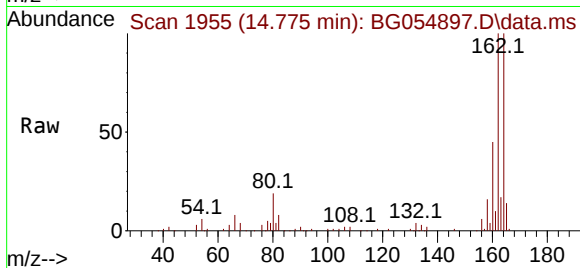
Acq: 9 Sep 2022 14:50

Instrument :

BNA_G

ClientSampleId :

PB147554BL



Tgt Ion:165 Resp: 13494

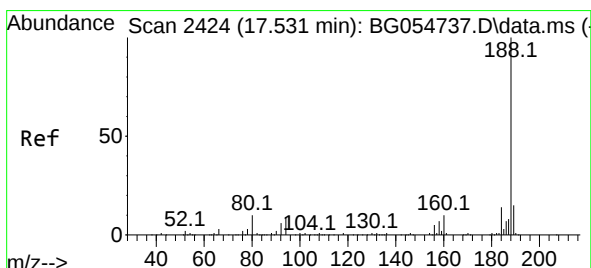
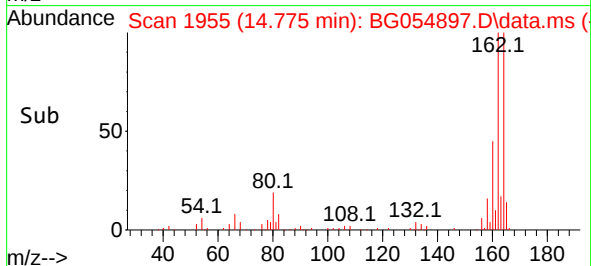
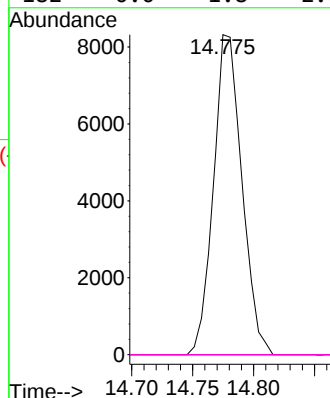
Ion Ratio Lower Upper

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: 17.530 min Scan# 2424

Delta R.T. 0.001 min

Lab File: BG054897.D

Acq: 9 Sep 2022 14:50

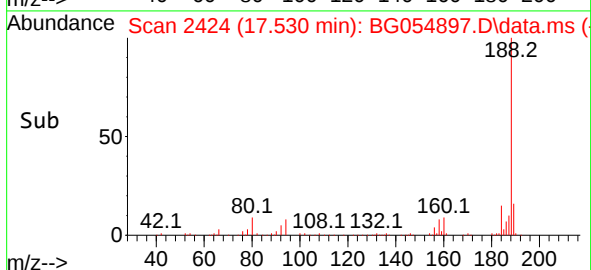
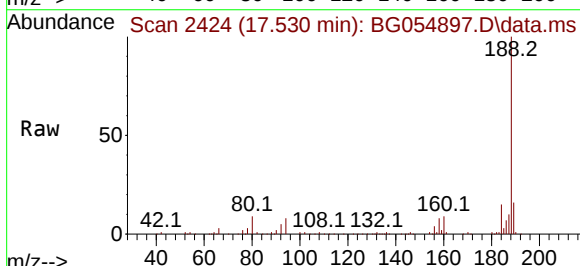
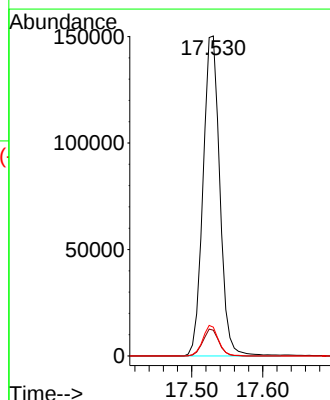
Tgt Ion:188 Resp: 246852

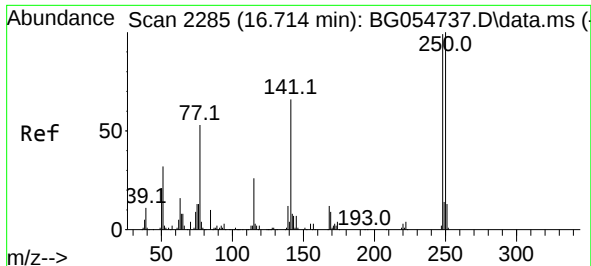
Ion Ratio Lower Upper

188 100

94 8.1 7.0 10.4

80 9.0 7.9 11.9

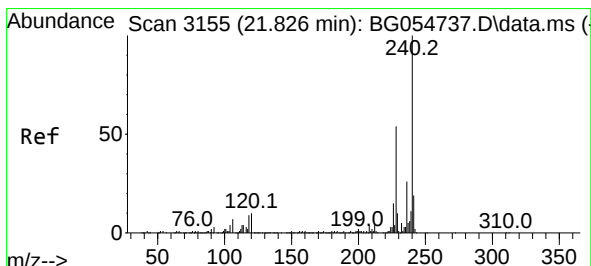
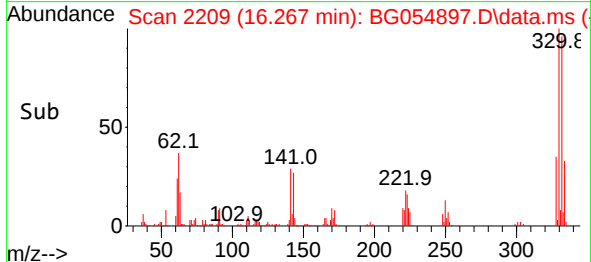
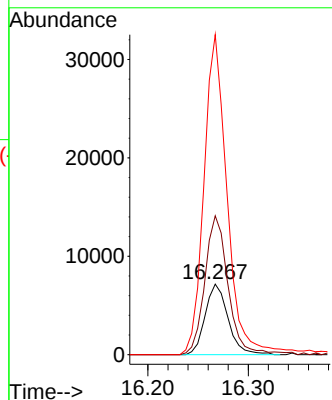
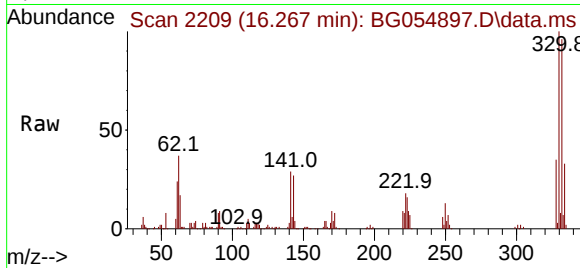




#67
4-Bromophenyl-phenylether
Concen: 4.199 ng
RT: 16.267 min Scan# 211
Delta R.T. -0.439 min
Lab File: BG054897.D
Acq: 9 Sep 2022 14:50

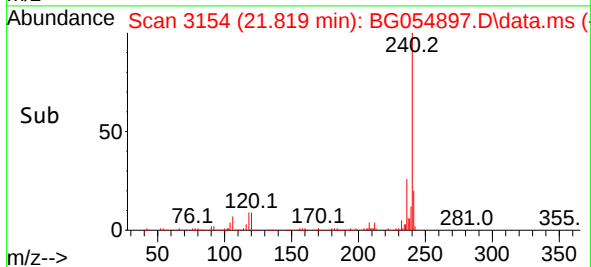
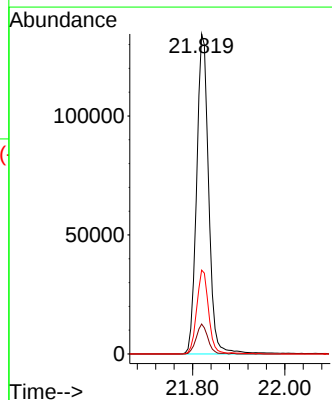
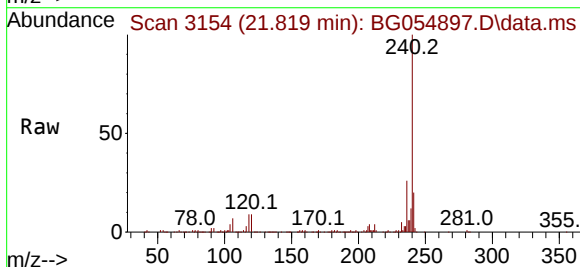
Instrument :
BNA_G
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PB147554BL

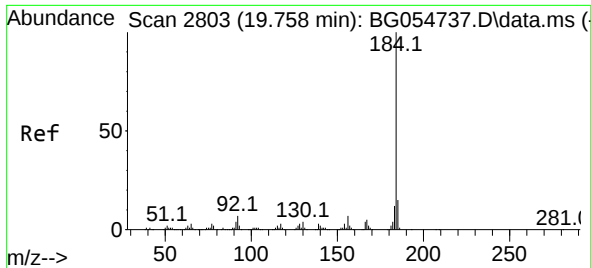
Tgt Ion:248 Resp: 11381
Ion Ratio Lower Upper
248 100
250 196.8 78.8 118.2#
141 453.6 51.9 77.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.819 min Scan# 3154
Delta R.T. -0.005 min
Lab File: BG054897.D
Acq: 9 Sep 2022 14:50

Tgt Ion:240 Resp: 243277
Ion Ratio Lower Upper
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120 9.4 8.2 12.4
236 26.2 21.2 31.8

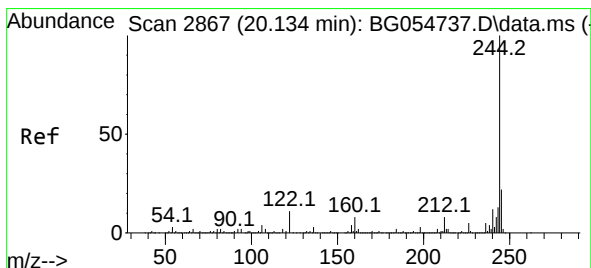
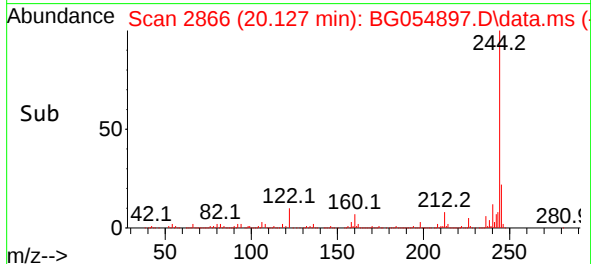
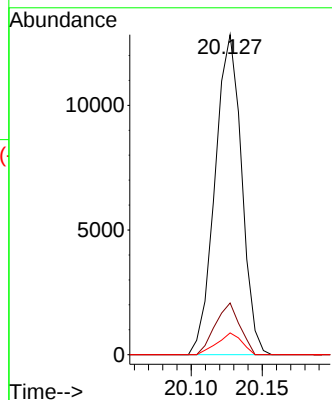
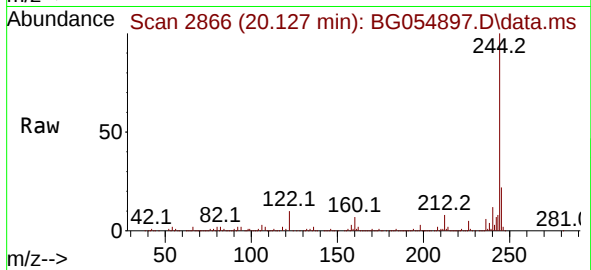




#77
Benzidine
Concen: 2.769 ng
RT: 20.127 min Scan# 2866
Delta R.T. 0.377 min
Lab File: BG054897.D
Acq: 9 Sep 2022 14:50

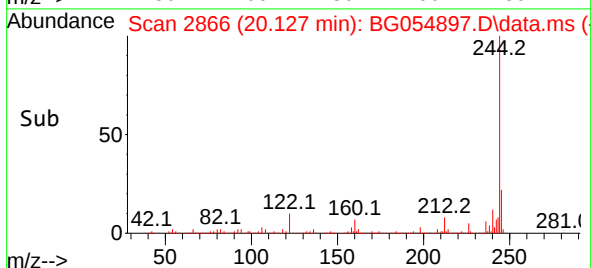
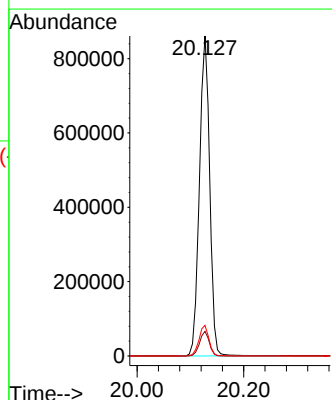
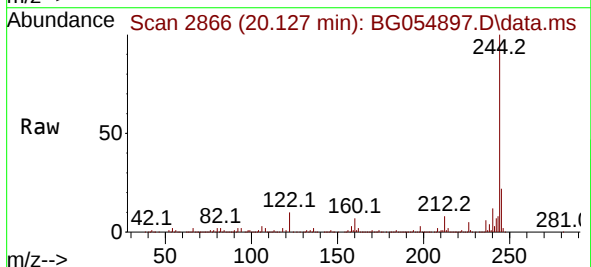
Instrument :
BNA_G
ClientSampleId :
PB147554BL

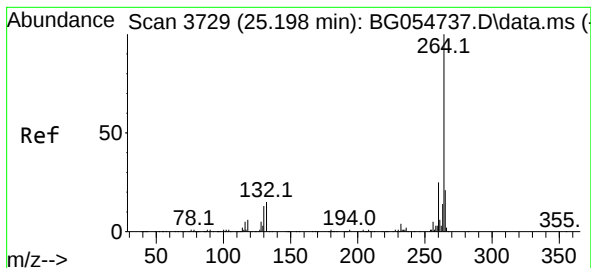
Tgt Ion:184 Resp: 16685
Ion Ratio Lower Upper
184 100
185 16.1 11.4 17.0
183 6.8 9.8 14.8#



#79
Terphenyl-d14
Concen: 93.812 ng
RT: 20.127 min Scan# 2866
Delta R.T. 0.001 min
Lab File: BG054897.D
Acq: 9 Sep 2022 14:50

Tgt Ion:244 Resp: 1151838
Ion Ratio Lower Upper
244 100
212 7.7 6.2 9.2
122 9.5 9.0 13.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.198 min Scan# 31

Delta R.T. -0.005 min

Lab File: BG054897.D

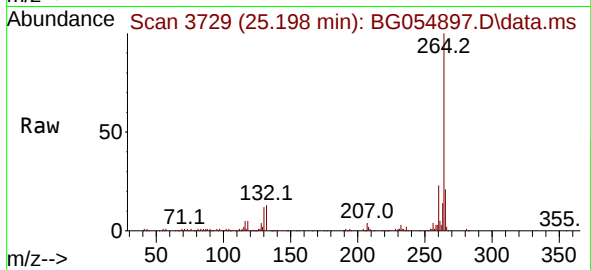
Acq: 9 Sep 2022 14:50

Instrument :

BNA_G

ClientSampleId :

PB147554BL



Tgt Ion:264 Resp: 250607

Ion Ratio Lower Upper

264 100

260 23.0 19.9 29.9

265 21.1 16.9 25.3

