

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071522\
 Data File : BG054304.D
 Acq On : 15 Jul 2022 16:05
 Operator : CG/JU
 Sample : PB146202TB
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB146202TB

Quant Time: Jul 15 18:41:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 15 15:54:11 2022
 Response via : Initial Calibration

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

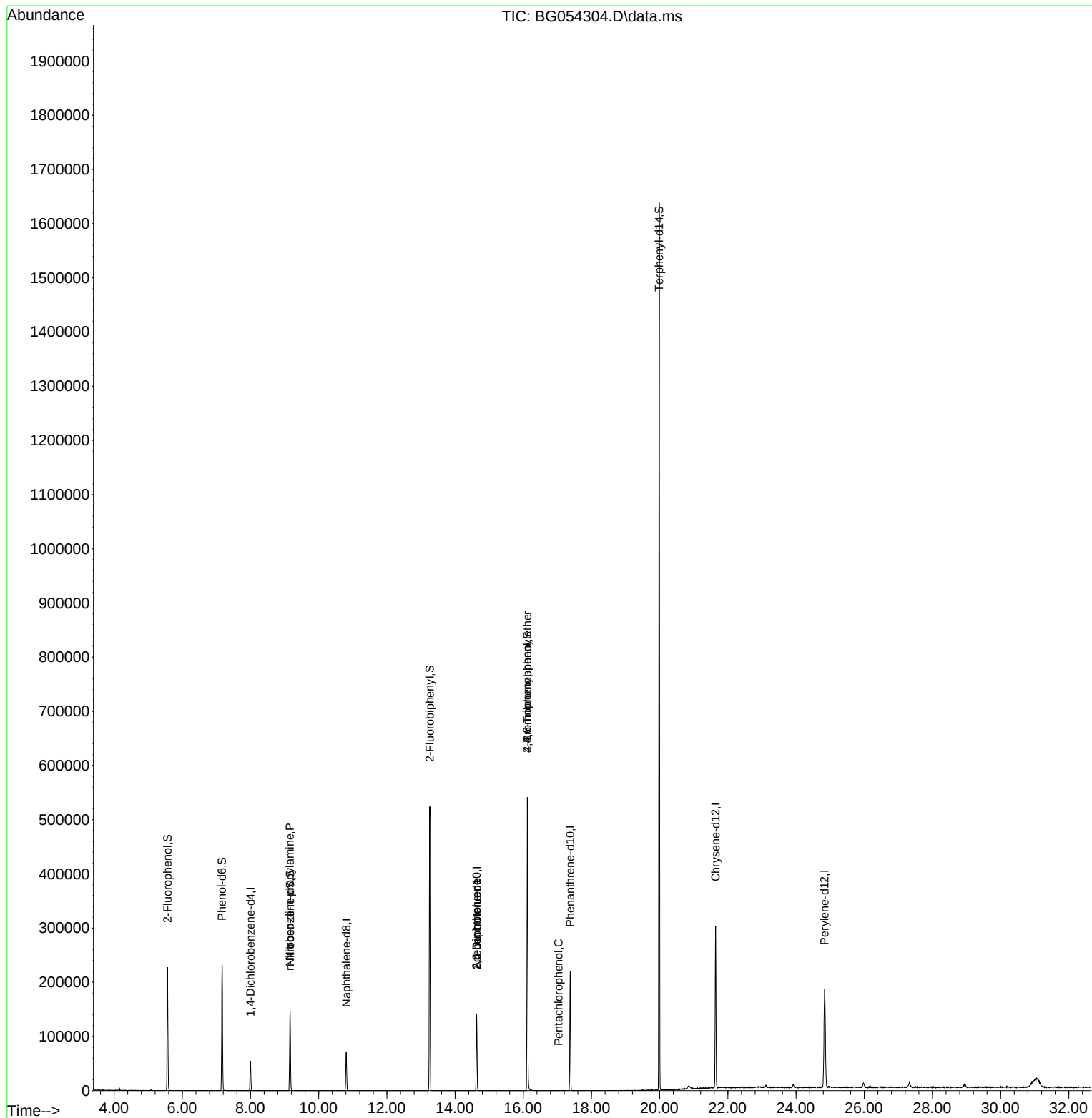
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.999	152	17191	20.000	ng	0.00
21) Naphthalene-d8	10.808	136	66614	20.000	ng	# 0.00
39) Acenaphthene-d10	14.633	164	55628	20.000	ng	0.00
64) Phenanthrene-d10	17.377	188	161049	20.000	ng	# 0.00
76) Chrysene-d12	21.642	240	221444	20.000	ng	# 0.00
86) Perylene-d12	24.838	264	226783	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.567	112	98589	119.738	ng	0.00
7) Phenol-d6	7.165	99	132824	117.729	ng	0.00
23) Nitrobenzene-d5	9.163	82	89937	73.524	ng	0.00
42) 2,4,6-Tribromophenol	16.119	330	148205	126.890	ng	0.00
45) 2-Fluorobiphenyl	13.258	172	307251	77.917	ng	0.00
79) Terphenyl-d14	19.985	244	945158	84.672	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.165	77	238	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.157	70	12641	16.779	ng	# 83
51) 2,6-Dinitrotoluene	14.633	165	7709	8.089	ng	# 16
57) 2,4-Dinitrotoluene	14.633	165	7709	5.642	ng	# 21
67) 4-Bromophenyl-phenylether	16.119	248	8848	3.912	ng	# 1
70) Pentachlorophenol	17.036	266	54	3.827	ng	# 16

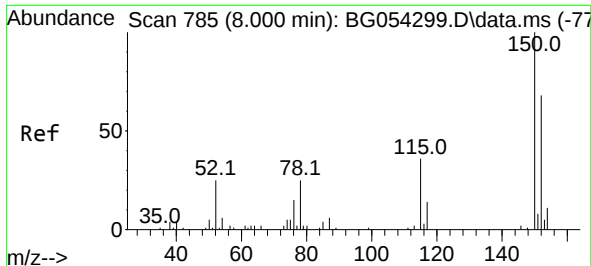
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071522\
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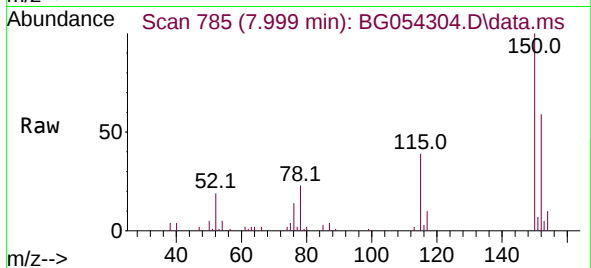
Quant Time: Jul 15 18:41:53 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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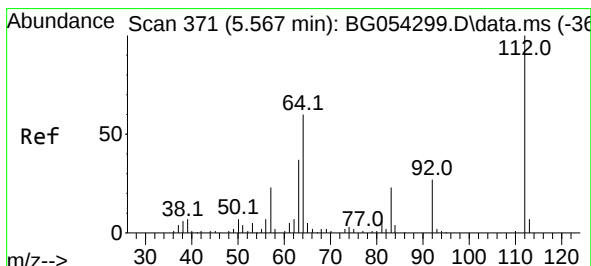
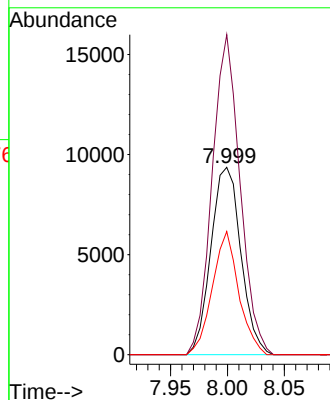
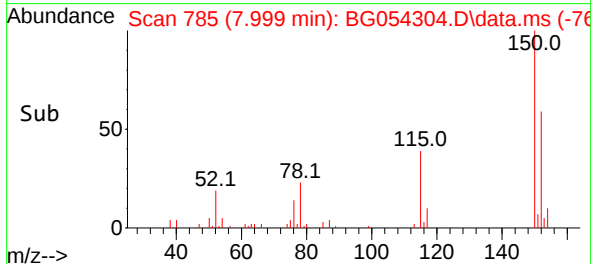


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.999 min Scan# 71
Delta R.T. -0.001 min
Lab File: BG054304.D
Acq: 15 Jul 2022 16:05

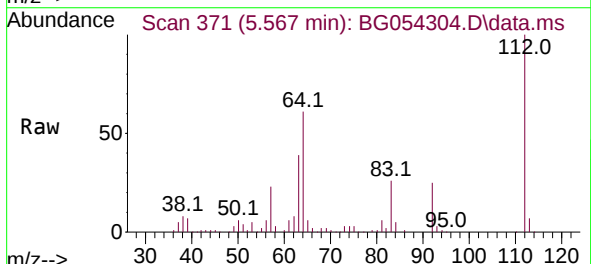
Instrument :
BNA_G
ClientSampleId :
PB146202TB



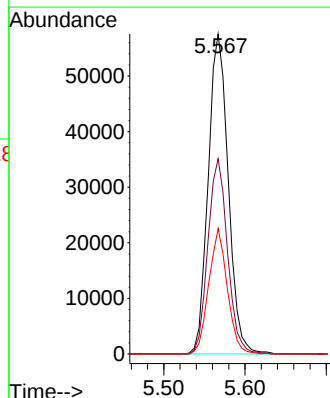
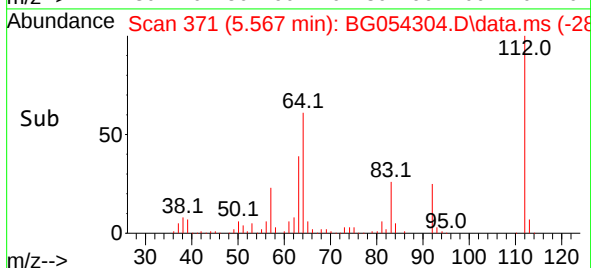
Tgt Ion:152 Resp: 17191
Ion Ratio Lower Upper
152 100
150 170.9 131.6 197.4
115 65.8 50.9 76.3

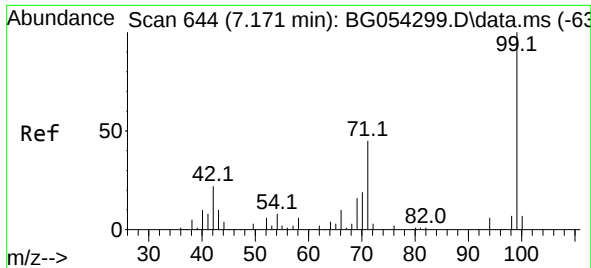


#5
2-Fluorophenol
Concen: 119.738 ng
RT: 5.567 min Scan# 371
Delta R.T. -0.001 min
Lab File: BG054304.D
Acq: 15 Jul 2022 16:05



Tgt Ion:112 Resp: 98589
Ion Ratio Lower Upper
112 100
64 61.0 55.1 82.7
63 39.2 30.4 45.6

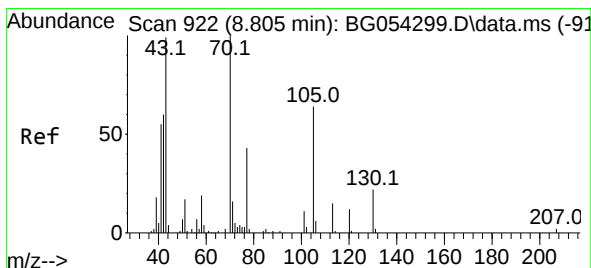
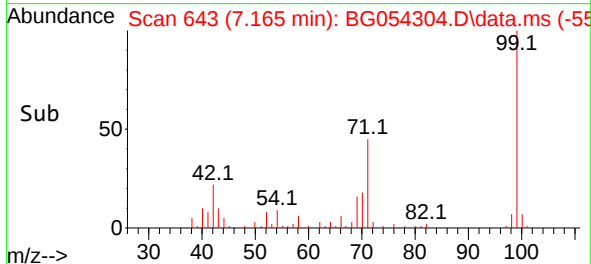
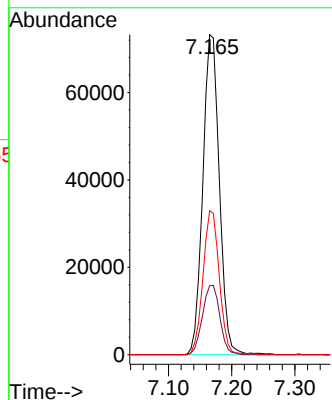
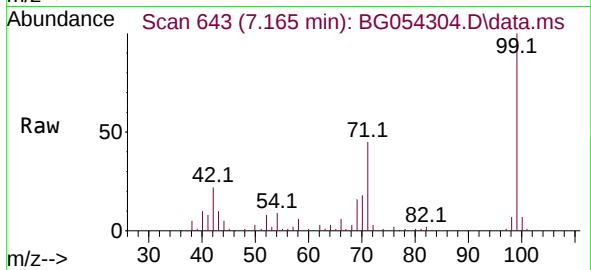




#7
Phenol-d6
Concen: 117.729 ng
RT: 7.165 min Scan# 64
Delta R.T. -0.006 min
Lab File: BG054304.D
Acq: 15 Jul 2022 16:05

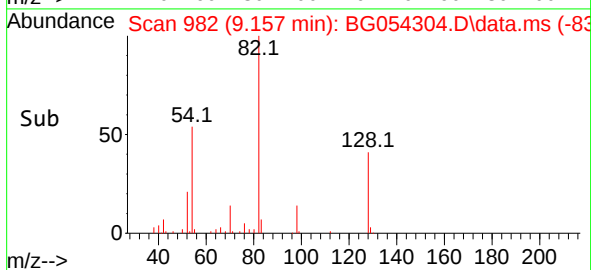
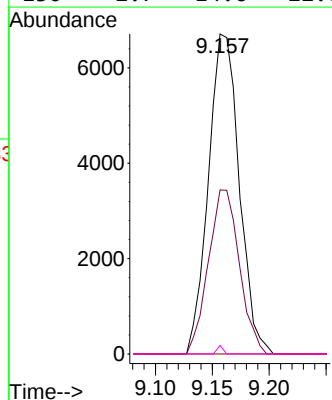
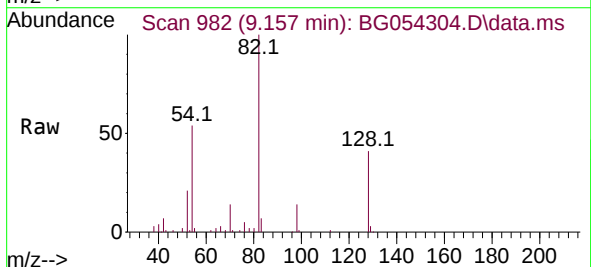
Instrument :
BNA_G
ClientSampleId :
PB146202TB

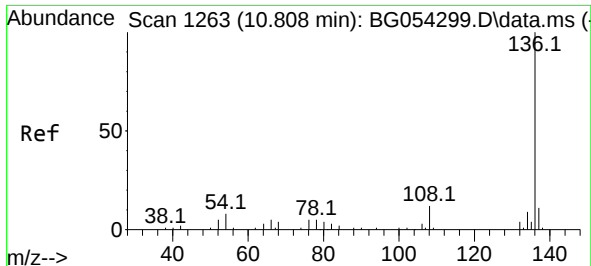
Tgt Ion: 99 Resp: 132824
Ion Ratio Lower Upper
99 100
42 21.6 17.0 25.6
71 45.0 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 16.779 ng
RT: 9.157 min Scan# 982
Delta R.T. 0.352 min
Lab File: BG054304.D
Acq: 15 Jul 2022 16:05

Tgt Ion: 70 Resp: 12641
Ion Ratio Lower Upper
70 100
42 51.2 47.3 70.9
101 0.0 7.0 10.4#
130 2.7 14.6 22.0#





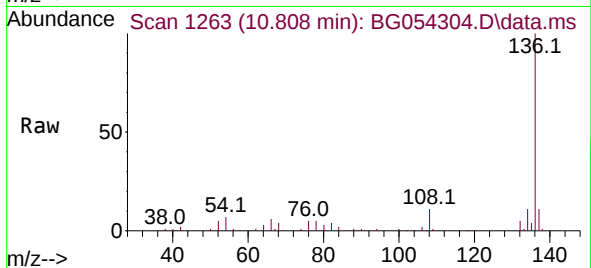
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.808 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG054304.D
Acq: 15 Jul 2022 16:05

Instrument :

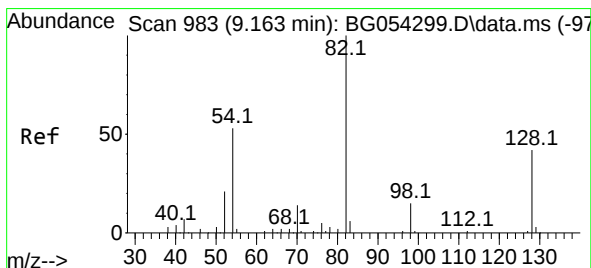
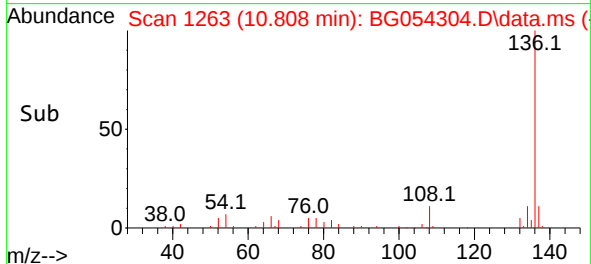
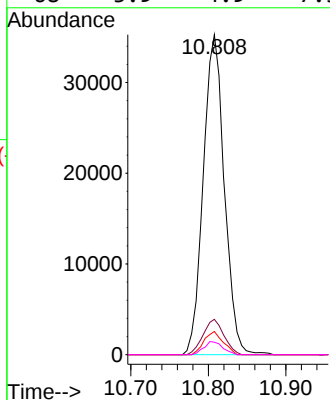
BNA_G

ClientSampleId :

PB146202TB

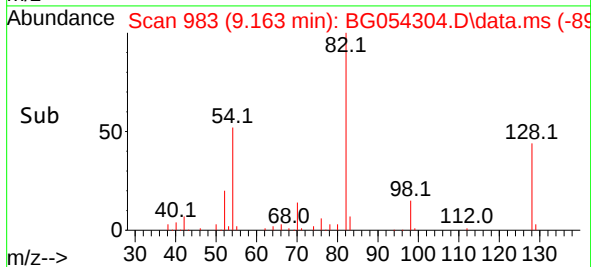
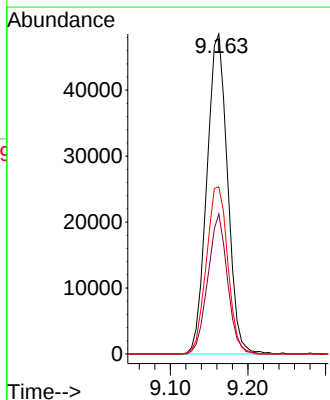
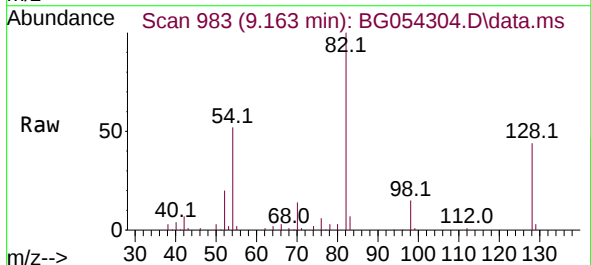


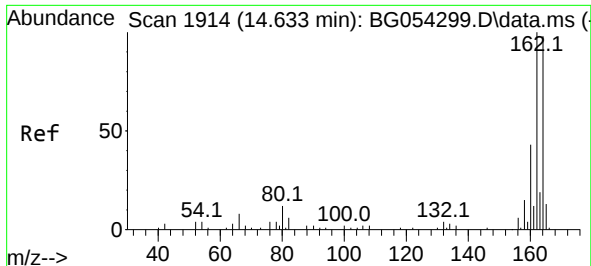
Tgt Ion:136 Resp: 66614
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 7.3 7.4 11.2#
68 3.9 4.9 7.3#



#23
Nitrobenzene-d5
Concen: 73.524 ng
RT: 9.163 min Scan# 983
Delta R.T. -0.001 min
Lab File: BG054304.D
Acq: 15 Jul 2022 16:05

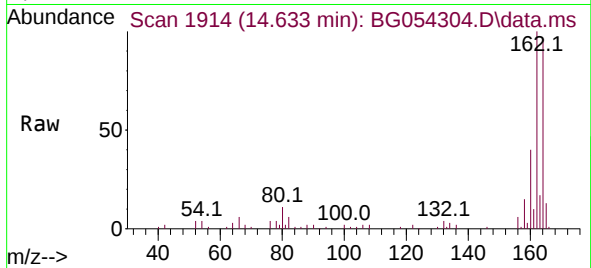
Tgt Ion: 82 Resp: 89937
Ion Ratio Lower Upper
82 100
128 43.8 27.9 41.9#
54 52.2 41.2 61.8



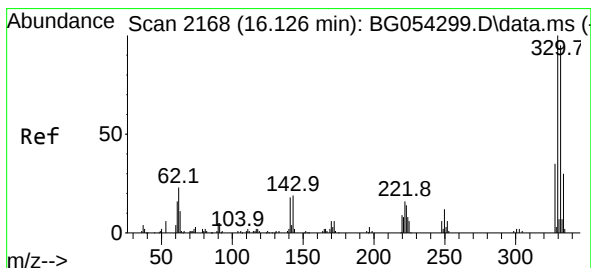
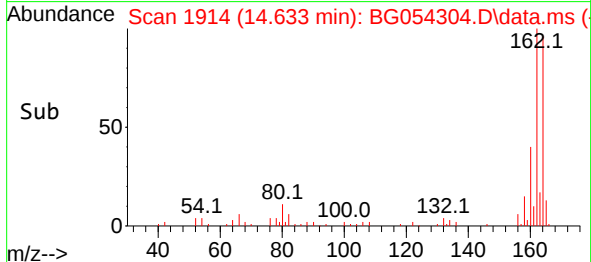
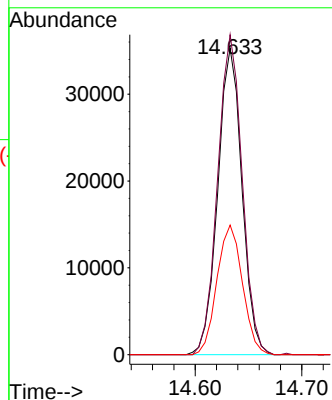


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.633 min Scan# 1914
Delta R.T. -0.000 min
Lab File: BG054304.D
Acq: 15 Jul 2022 16:05

Instrument :
BNA_G
ClientSampleId :
PB146202TB

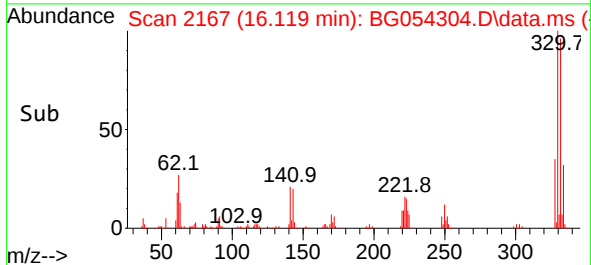
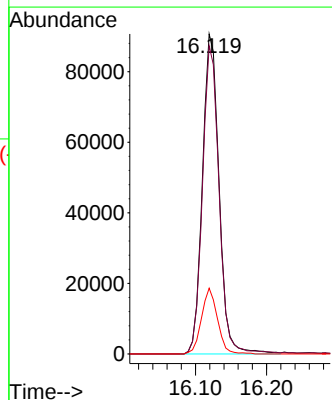
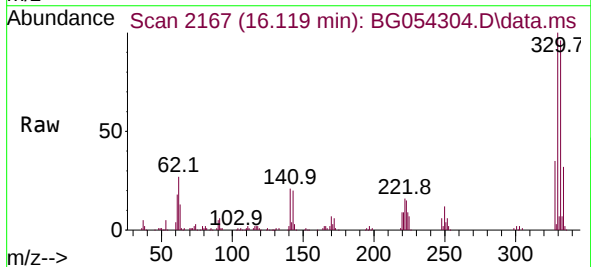


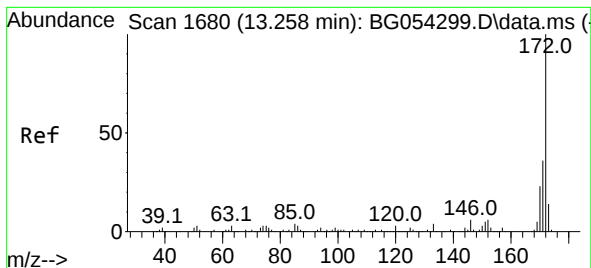
Tgt Ion:164 Resp: 55628
Ion Ratio Lower Upper
164 100
162 104.4 82.3 123.5
160 42.3 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 126.890 ng
RT: 16.119 min Scan# 2167
Delta R.T. -0.006 min
Lab File: BG054304.D
Acq: 15 Jul 2022 16:05

Tgt Ion:330 Resp: 148205
Ion Ratio Lower Upper
330 100
332 96.6 76.0 114.0
141 19.7 27.1 40.7#

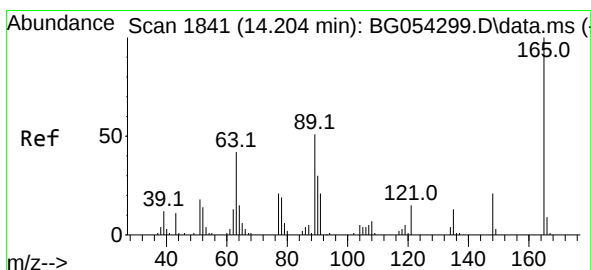
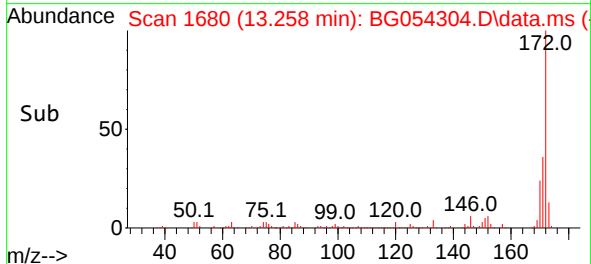
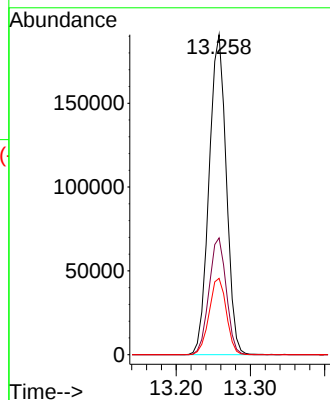
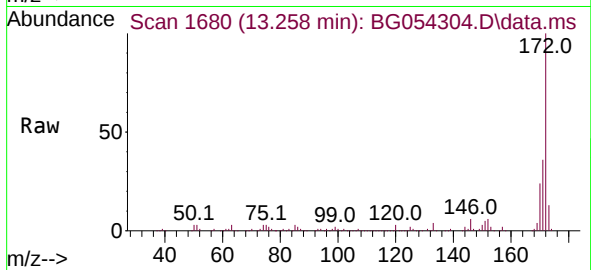




#45
2-Fluorobiphenyl
Concen: 77.917 ng
RT: 13.258 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG054304.D
Acq: 15 Jul 2022 16:05

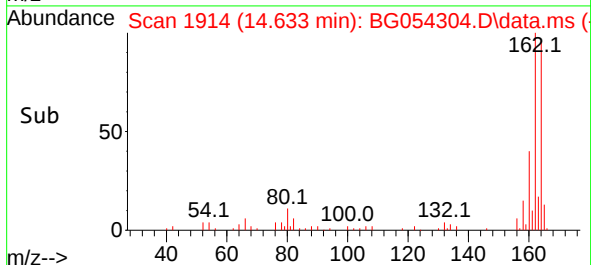
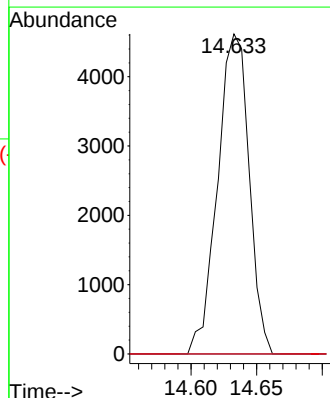
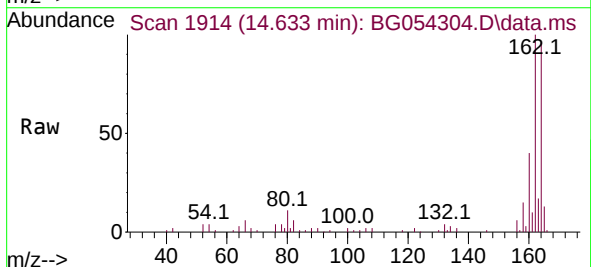
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ClientSampleId :
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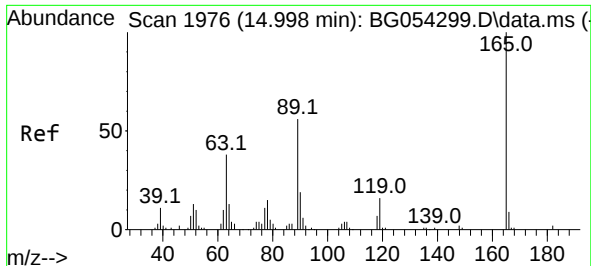
Tgt Ion:172 Resp: 307251
Ion Ratio Lower Upper
172 100
171 36.5 28.5 42.7
170 23.9 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.089 ng
RT: 14.633 min Scan# 1914
Delta R.T. 0.428 min
Lab File: BG054304.D
Acq: 15 Jul 2022 16:05

Tgt Ion:165 Resp: 7709
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#





#57

2,4-Dinitrotoluene

Concen: 5.642 ng

RT: 14.633 min Scan# 1914

Delta R.T. -0.365 min

Lab File: BG054304.D

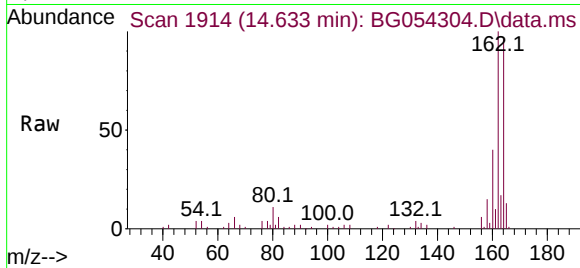
Acq: 15 Jul 2022 16:05

Instrument :

BNA_G

ClientSampleId :

PB146202TB



Tgt Ion:165 Resp: 7709

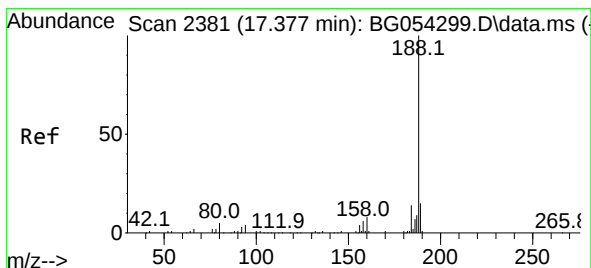
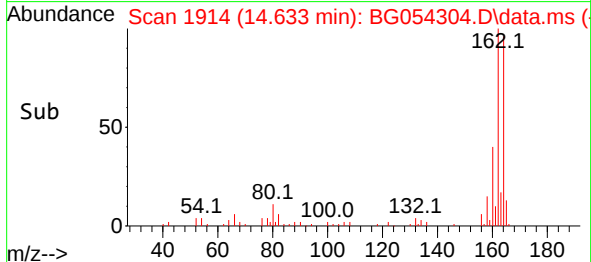
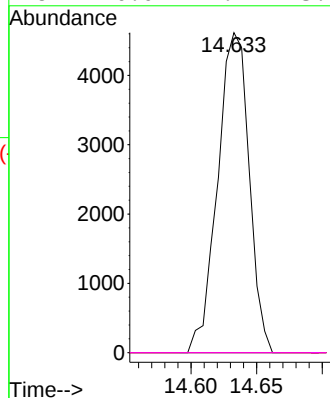
Ion Ratio Lower Upper

165 100

63 0.0 34.6 52.0#

89 0.0 60.3 90.5#

182 0.0 2.2 3.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.377 min Scan# 2381

Delta R.T. -0.000 min

Lab File: BG054304.D

Acq: 15 Jul 2022 16:05

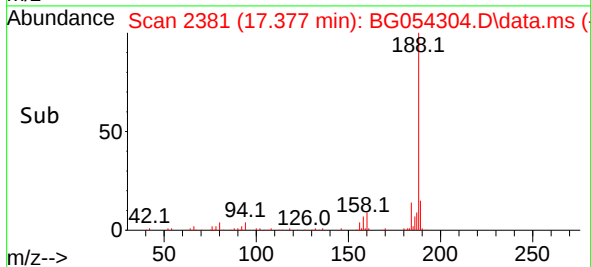
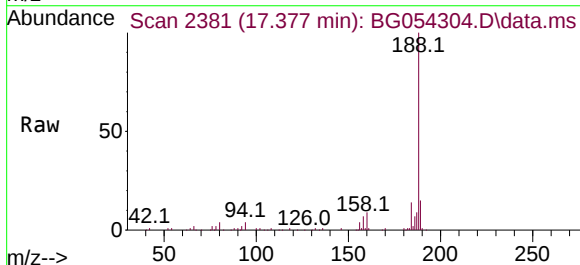
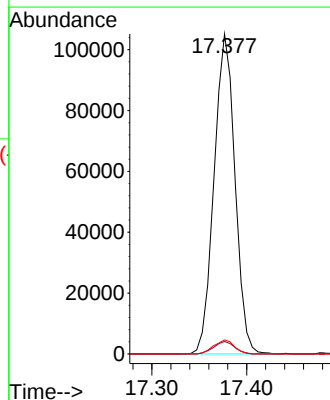
Tgt Ion:188 Resp: 161049

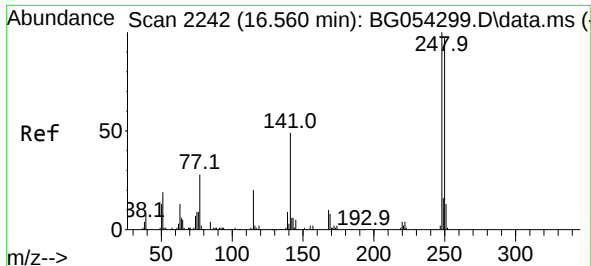
Ion Ratio Lower Upper

188 100

94 3.9 5.4 8.0#

80 4.4 6.8 10.2#

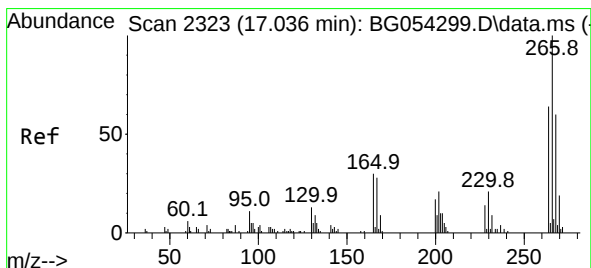
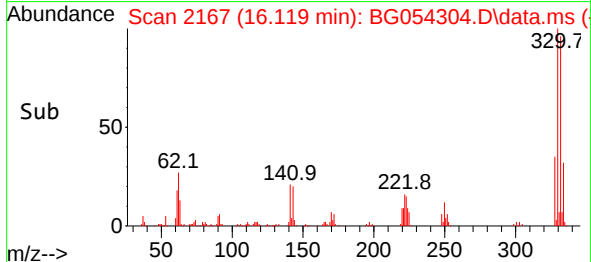
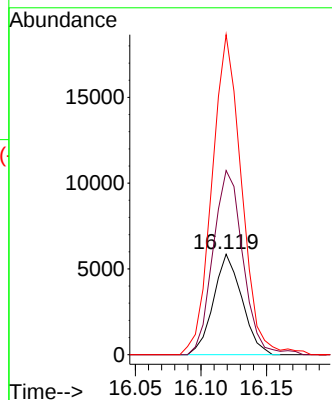
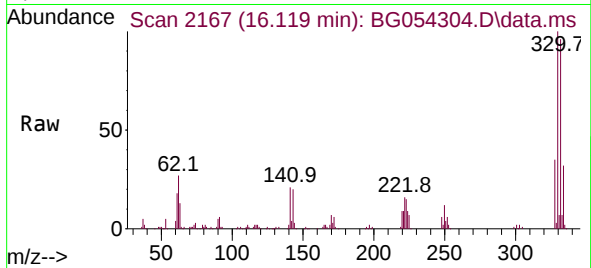




#67
4-Bromophenyl-phenylether
Concen: 3.912 ng
RT: 16.119 min Scan# 2167
Delta R.T. -0.441 min
Lab File: BG054304.D
Acq: 15 Jul 2022 16:05

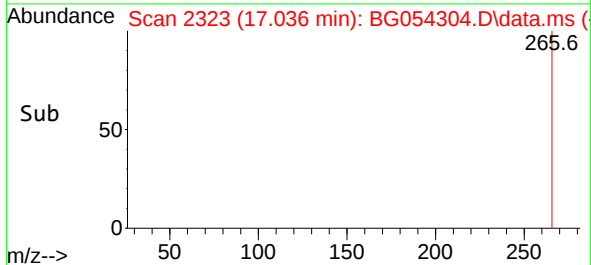
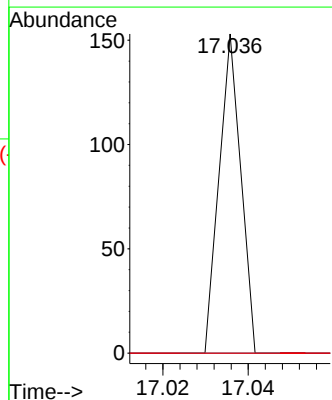
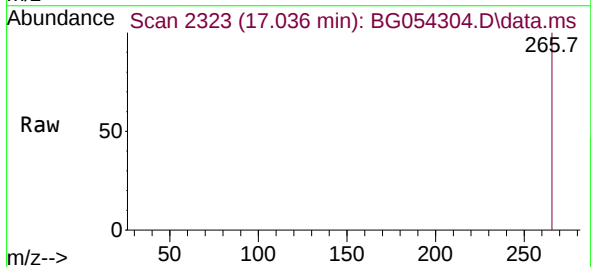
Instrument :
BNA_G
ClientSampleId :
PB146202TB

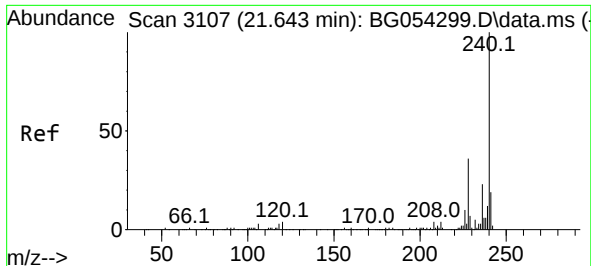
Tgt Ion:248 Resp: 8848
Ion Ratio Lower Upper
248 100
250 243.7 75.2 112.8#
141 318.6 50.0 75.0#



#70
Pentachlorophenol
Concen: 3.827 ng
RT: 17.036 min Scan# 2323
Delta R.T. -0.000 min
Lab File: BG054304.D
Acq: 15 Jul 2022 16:05

Tgt Ion:266 Resp: 54
Ion Ratio Lower Upper
266 100
268 0.0 56.2 84.2#
264 0.0 53.0 79.4#

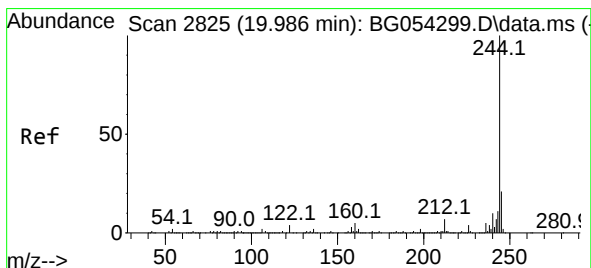
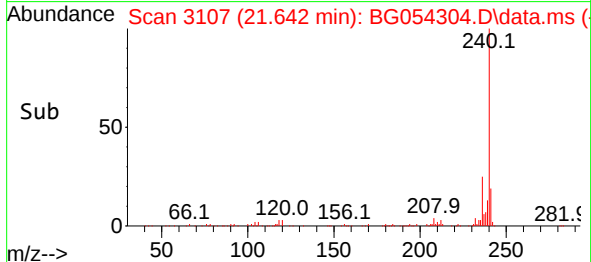
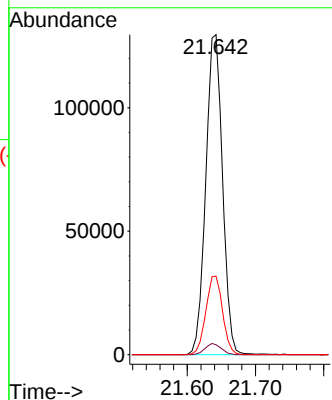
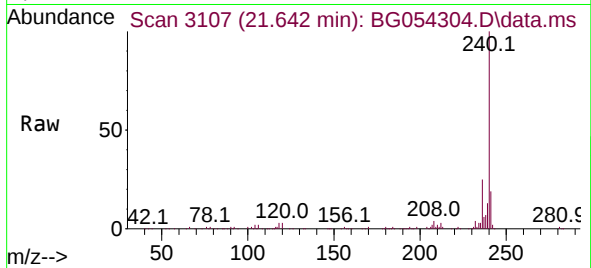




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.642 min Scan# 3107
Delta R.T. -0.001 min
Lab File: BG054304.D
Acq: 15 Jul 2022 16:05

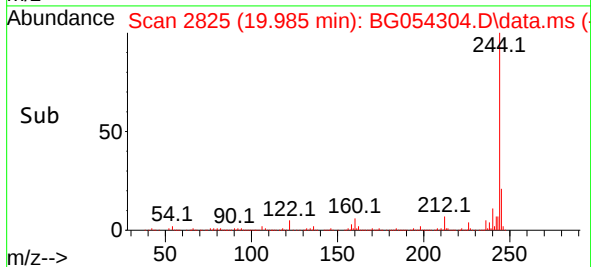
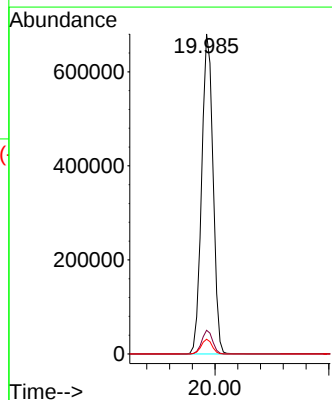
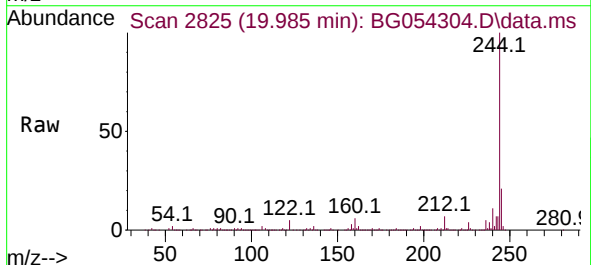
Instrument :
BNA_G
ClientSampleId :
PB146202TB

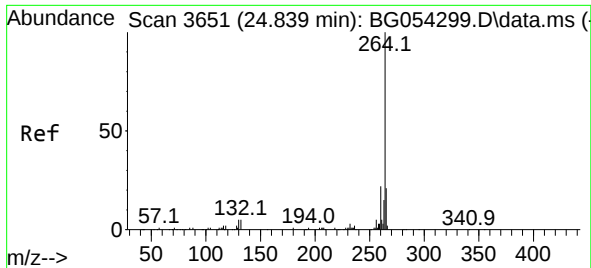
Tgt Ion:240 Resp: 221444
Ion Ratio Lower Upper
240 100
120 3.1 4.6 7.0#
236 24.5 20.2 30.4



#79
Terphenyl-d14
Concen: 84.672 ng
RT: 19.985 min Scan# 2825
Delta R.T. -0.001 min
Lab File: BG054304.D
Acq: 15 Jul 2022 16:05

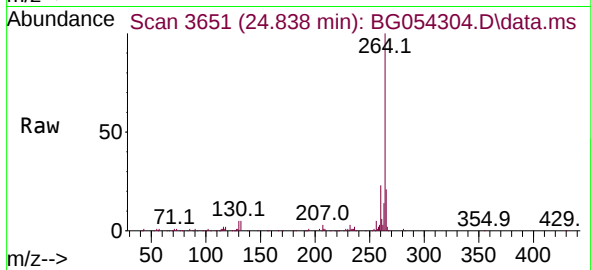
Tgt Ion:244 Resp: 945158
Ion Ratio Lower Upper
244 100
212 7.4 6.5 9.7
122 4.6 5.0 7.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.838 min Scan# 30
 Delta R.T. -0.001 min
 Lab File: BG054304.D
 Acq: 15 Jul 2022 16:05

Instrument :
 BNA_G
 ClientSampleId :
 PB146202TB



Tgt Ion:264 Resp: 226783
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.0 28.6
 265 21.3 17.4 26.2

