

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071822\
 Data File : BG054309.D
 Acq On : 18 Jul 2022 11:10
 Operator : CG/JU
 Sample : PB145921BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB145921BL

Quant Time: Jul 18 19:21:23 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)

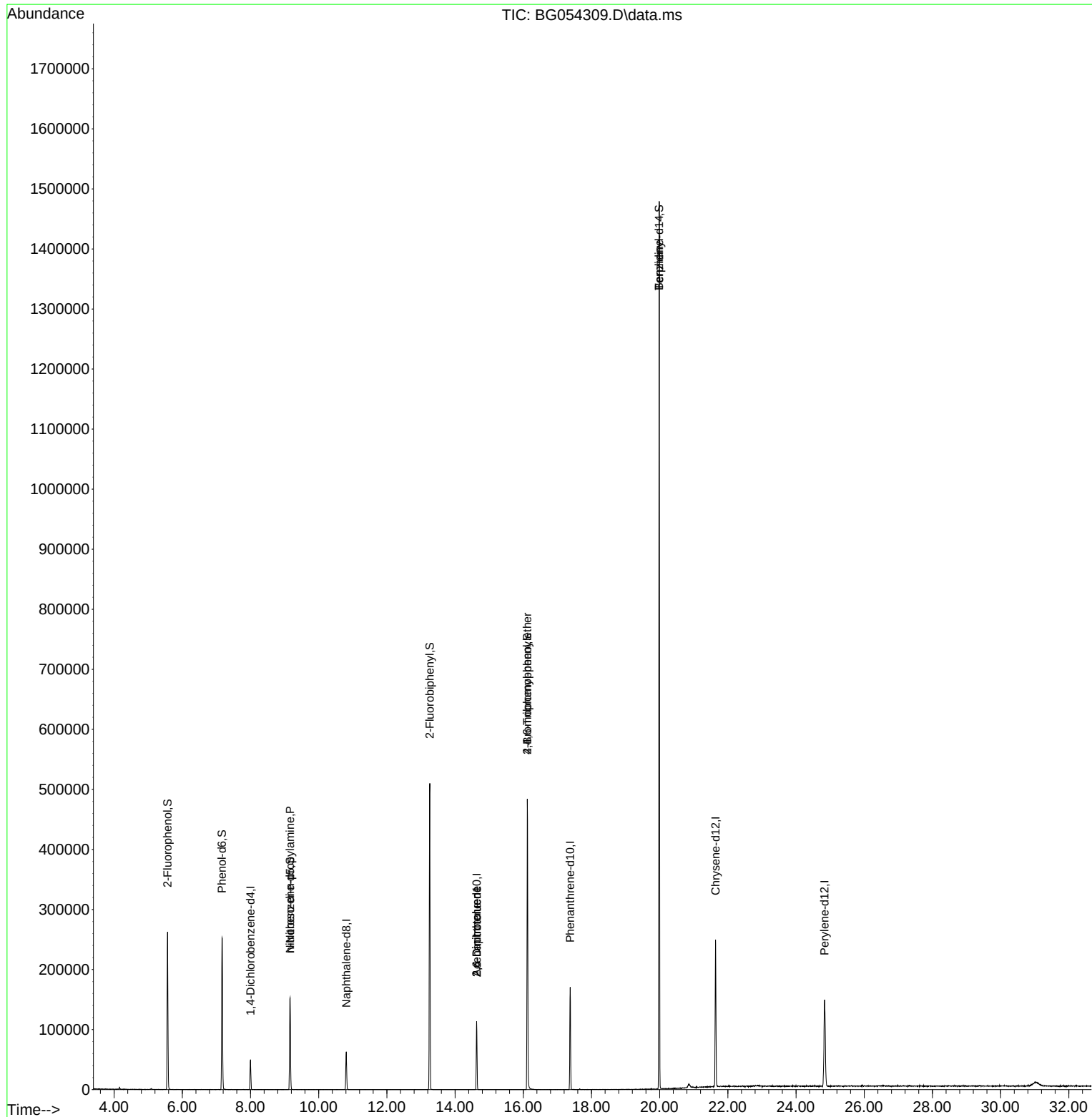
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.000	152	15709	20.000	ng	0.00
21) Naphthalene-d8	10.808	136	57675	20.000	ng	# 0.00
39) Acenaphthene-d10	14.633	164	46632	20.000	ng	0.00
64) Phenanthrene-d10	17.377	188	129456	20.000	ng	# 0.00
76) Chrysene-d12	21.637	240	176406	20.000	ng	# 0.00
86) Perylene-d12	24.839	264	183935	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.567	112	112676	149.758	ng	0.00
7) Phenol-d6	7.165	99	144400	140.064	ng	0.00
23) Nitrobenzene-d5	9.163	82	95650	90.313	ng	0.00
42) 2,4,6-Tribromophenol	16.119	330	132877	135.714	ng	0.00
45) 2-Fluorobiphenyl	13.258	172	296315	89.640	ng	0.00
79) Terphenyl-d14	19.986	244	829800	93.316	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.165	77	60	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.163	70	13197	19.169 ng	#	87
51) 2,6-Dinitrotoluene	14.633	165	6164	7.715 ng	#	16
57) 2,4-Dinitrotoluene	14.633	165	6164	5.382 ng	#	21
67) 4-Bromophenyl-phenylether	16.119	248	7769	4.273 ng	#	1
77) Benzidine	19.986	184	10811	3.384 ng	#	94

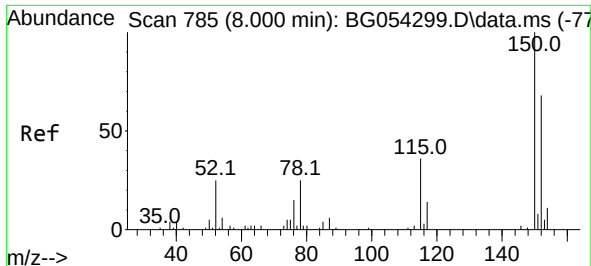
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071822\
Data File : BG054309.D
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Sample : PB145921BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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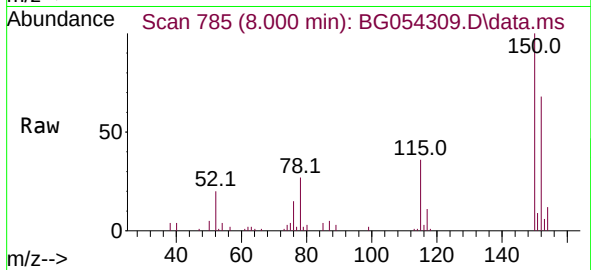
Quant Time: Jul 18 19:21:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 15 15:54:11 2022
Response via : Initial Calibration



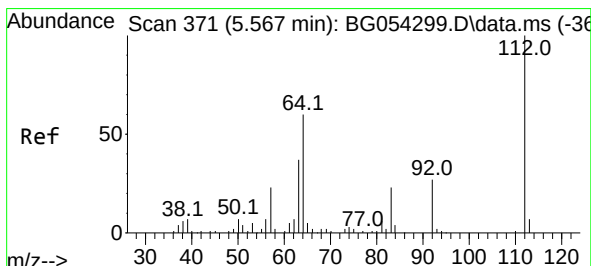
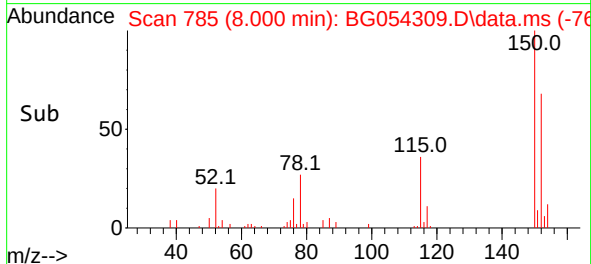
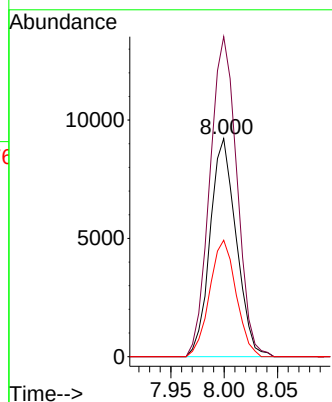


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.000 min Scan# 785
Delta R.T. -0.000 min
Lab File: BG054309.D
Acq: 18 Jul 2022 11:10

Instrument :
BNA_G
ClientSampleId :
PB145921BL

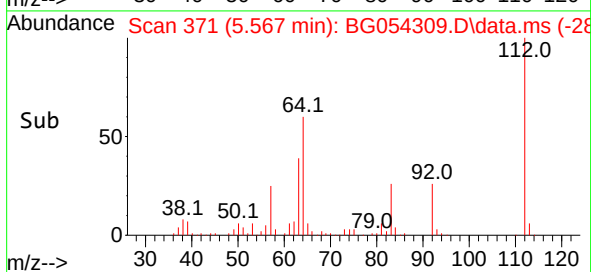
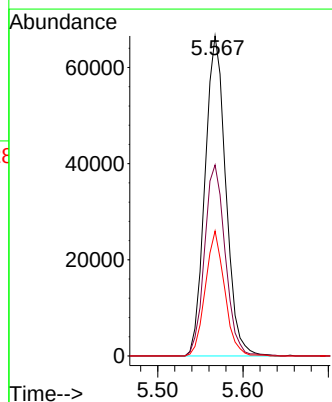
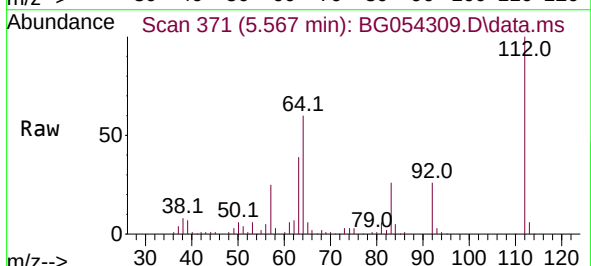


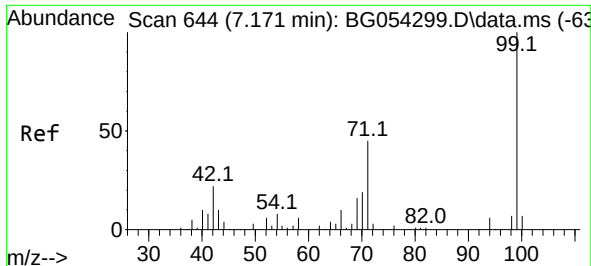
Tgt Ion:152 Resp: 15709
Ion Ratio Lower Upper
152 100
150 146.8 131.6 197.4
115 53.4 50.9 76.3



#5
2-Fluorophenol
Concen: 149.758 ng
RT: 5.567 min Scan# 371
Delta R.T. -0.000 min
Lab File: BG054309.D
Acq: 18 Jul 2022 11:10

Tgt Ion:112 Resp: 112676
Ion Ratio Lower Upper
112 100
64 59.7 55.1 82.7
63 39.0 30.4 45.6

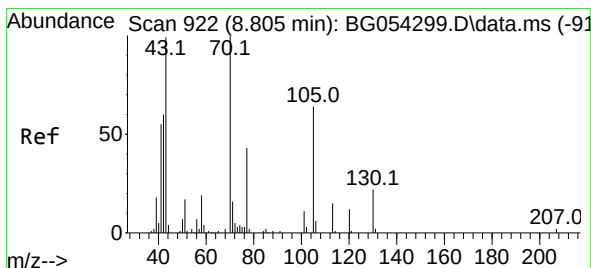
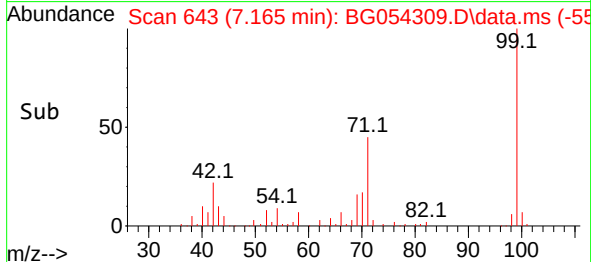
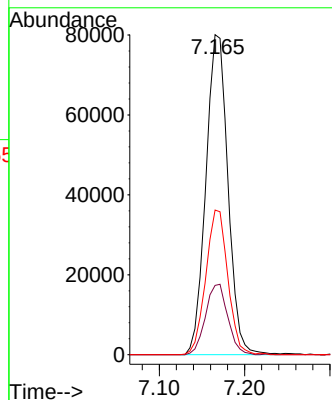
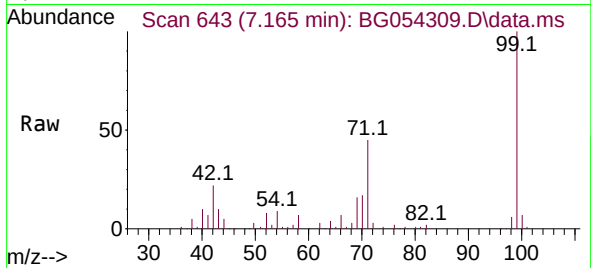




#7
Phenol-d6
Concen: 140.064 ng
RT: 7.165 min Scan# 64
Delta R.T. -0.006 min
Lab File: BG054309.D
Acq: 18 Jul 2022 11:10

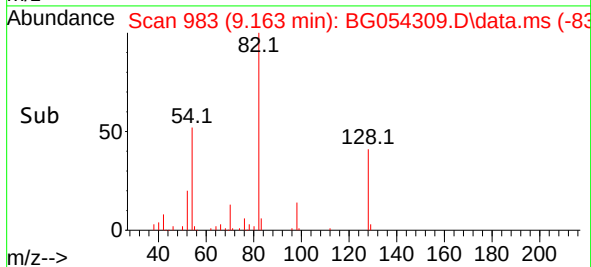
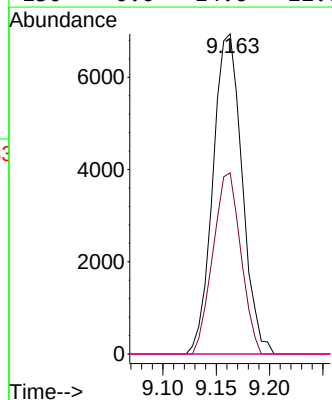
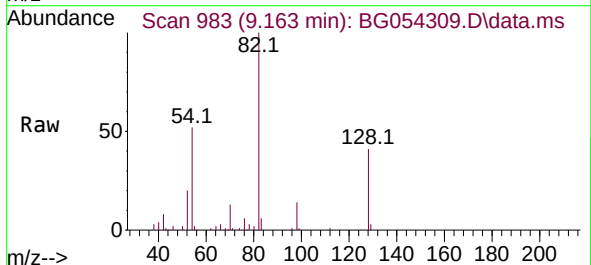
Instrument :
BNA_G
ClientSampleId :
PB145921BL

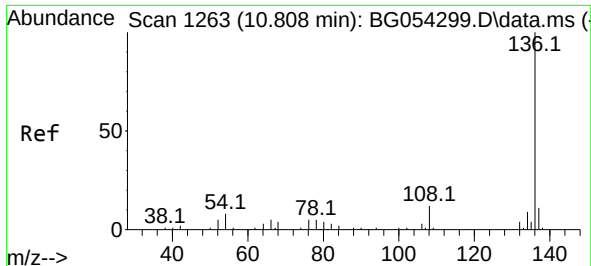
Tgt Ion: 99 Resp: 144400
Ion Ratio Lower Upper
99 100
42 21.6 17.0 25.6
71 45.2 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.169 ng
RT: 9.163 min Scan# 983
Delta R.T. 0.358 min
Lab File: BG054309.D
Acq: 18 Jul 2022 11:10

Tgt Ion: 70 Resp: 13197
Ion Ratio Lower Upper
70 100
42 56.6 47.3 70.9
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#

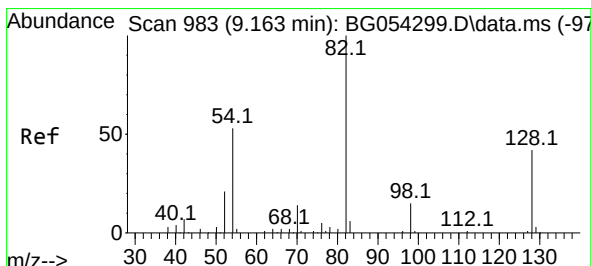
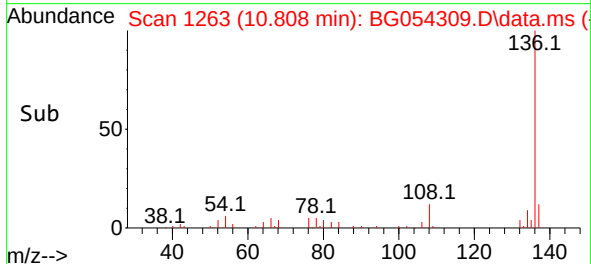
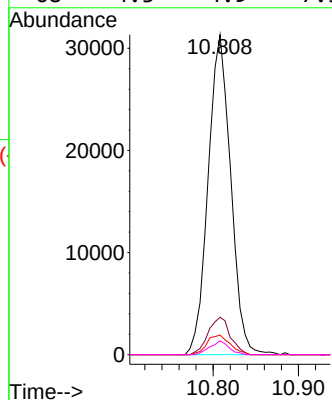
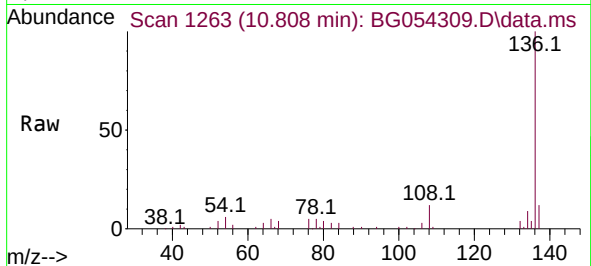




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.808 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG054309.D
Acq: 18 Jul 2022 11:10

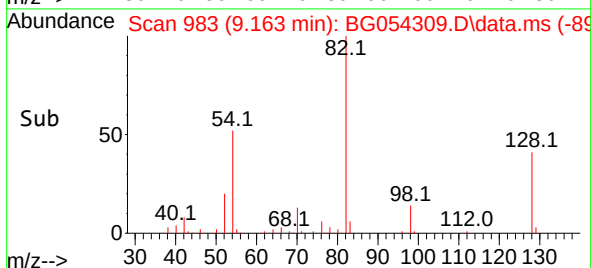
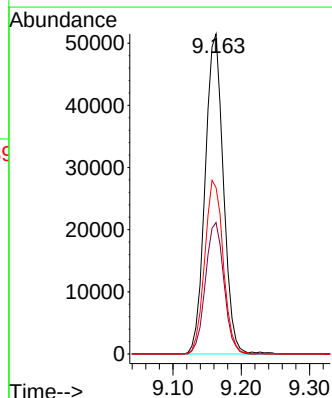
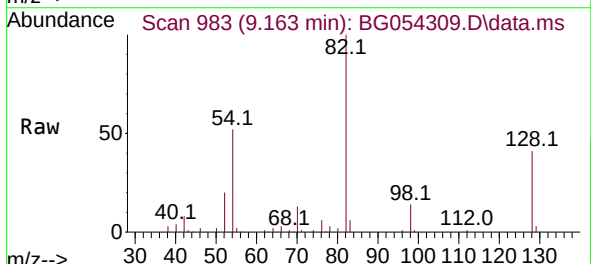
Instrument :
BNA_G
ClientSampleId :
PB145921BL

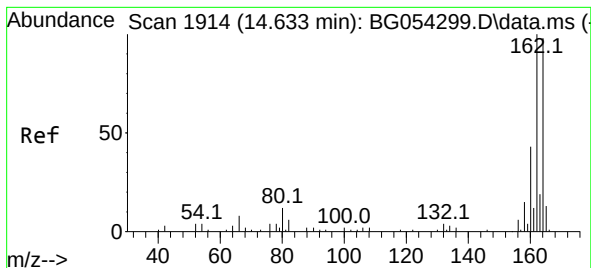
Tgt Ion:	136	Resp:	57675
Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.5	12.7
54	6.1	7.4	11.2#
68	4.3	4.9	7.3#



#23
Nitrobenzene-d5
Concen: 90.313 ng
RT: 9.163 min Scan# 983
Delta R.T. -0.000 min
Lab File: BG054309.D
Acq: 18 Jul 2022 11:10

Tgt Ion:	82	Resp:	95650
Ion	Ratio	Lower	Upper
82	100		
128	41.1	27.9	41.9
54	52.0	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: BG054309.D

Acq: 18 Jul 2022 11:10

Instrument :

BNA_G

ClientSampleId :

PB145921BL

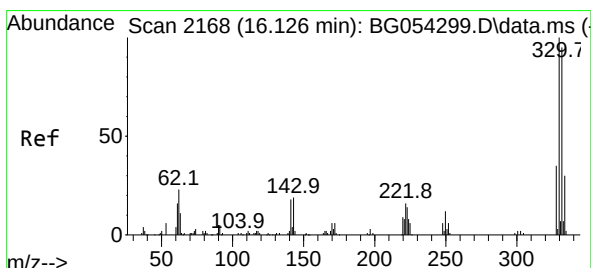
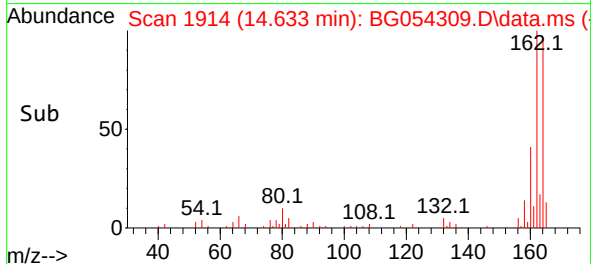
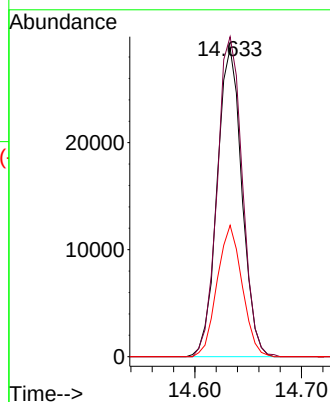
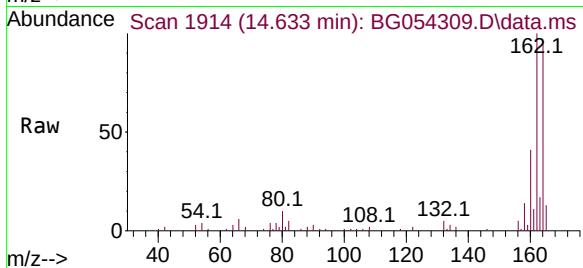
Tgt Ion:164 Resp: 46632

Ion Ratio Lower Upper

164 100

162 103.7 82.3 123.5

160 42.6 34.2 51.2



#42

2,4,6-Tribromophenol

Concen: 135.714 ng

RT: 16.119 min Scan# 2167

Delta R.T. -0.006 min

Lab File: BG054309.D

Acq: 18 Jul 2022 11:10

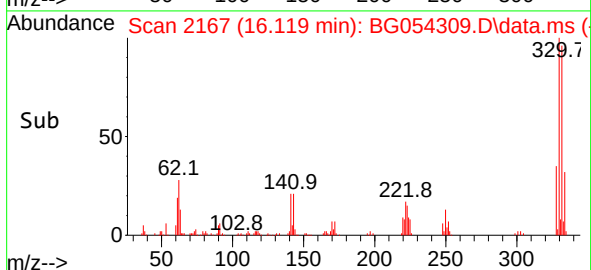
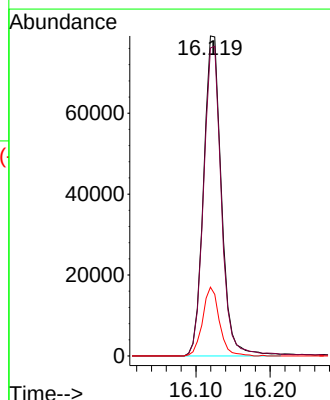
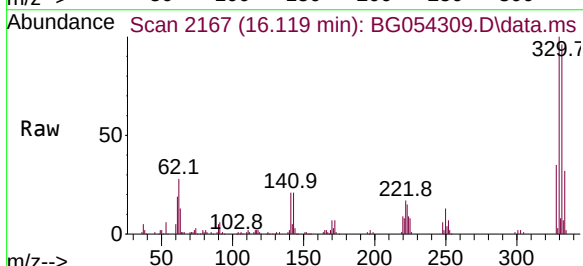
Tgt Ion:330 Resp: 132877

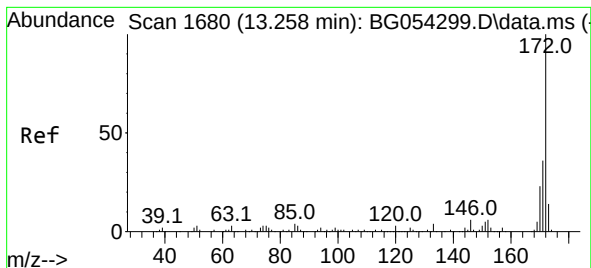
Ion Ratio Lower Upper

330 100

332 97.3 76.0 114.0

141 20.2 27.1 40.7#

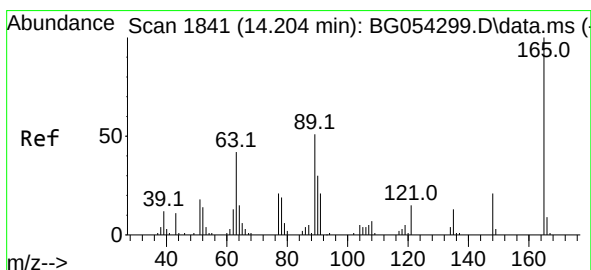
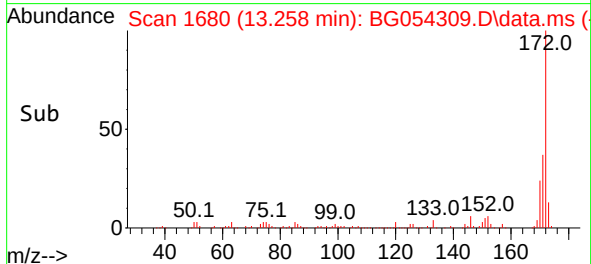
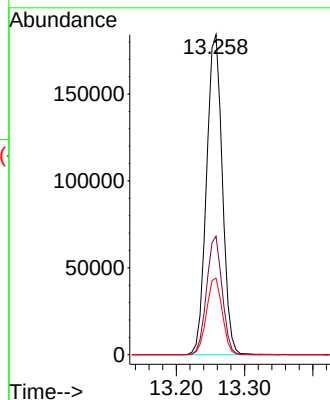
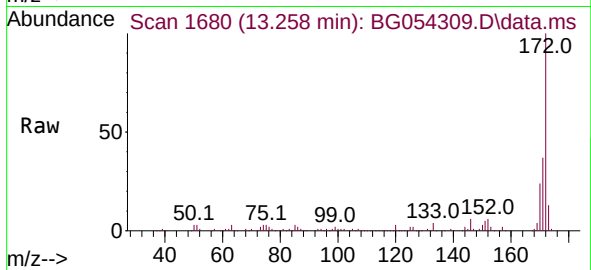




#45
2-Fluorobiphenyl
Concen: 89.640 ng
RT: 13.258 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG054309.D
Acq: 18 Jul 2022 11:10

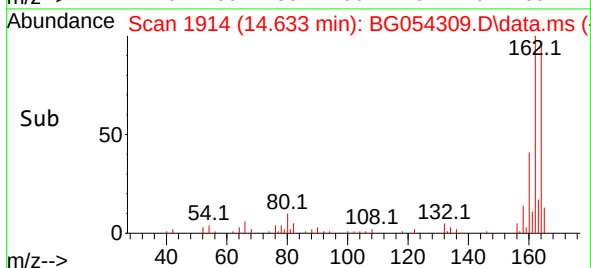
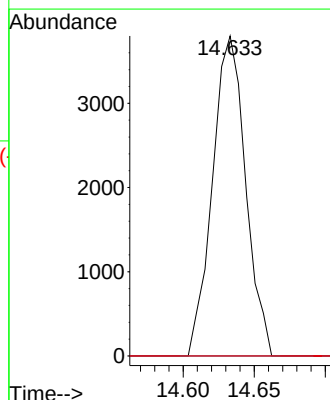
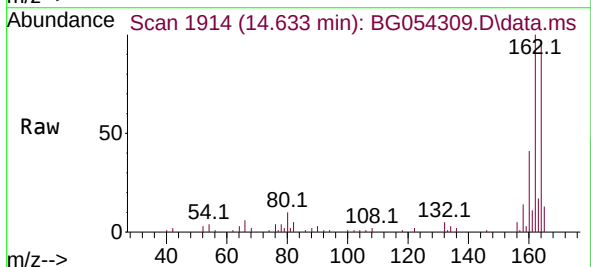
Instrument :
BNA_G
ClientSampleId :
PB145921BL

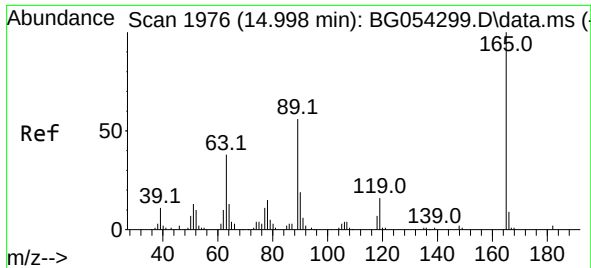
Tgt Ion:172 Resp: 296315
Ion Ratio Lower Upper
172 100
171 37.0 28.5 42.7
170 24.0 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 7.715 ng
RT: 14.633 min Scan# 1914
Delta R.T. 0.429 min
Lab File: BG054309.D
Acq: 18 Jul 2022 11:10

Tgt Ion:165 Resp: 6164
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#

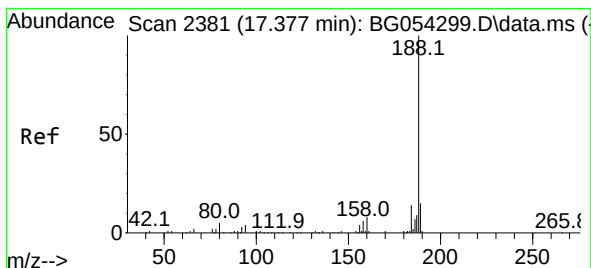
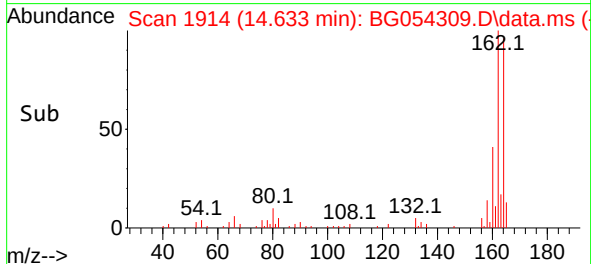
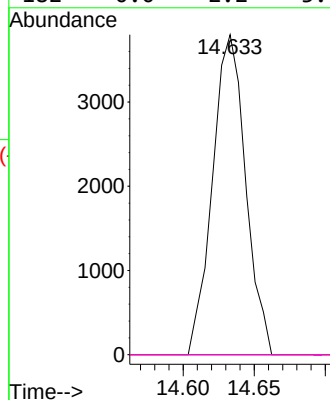
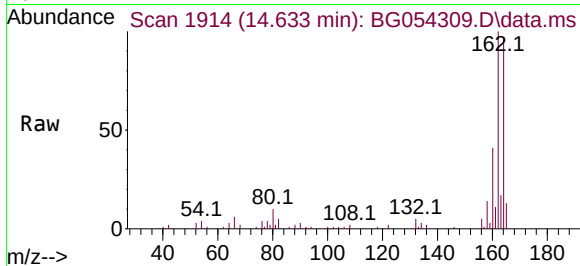




#57
2,4-Dinitrotoluene
Concen: 5.382 ng
RT: 14.633 min Scan# 1914
Delta R.T. -0.365 min
Lab File: BG054309.D
Acq: 18 Jul 2022 11:10

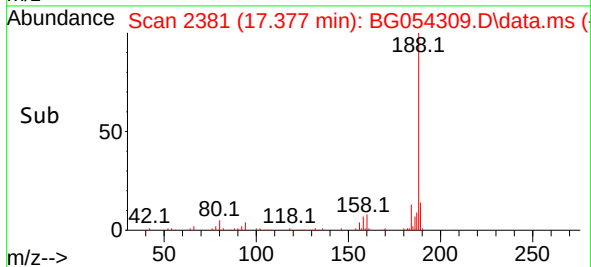
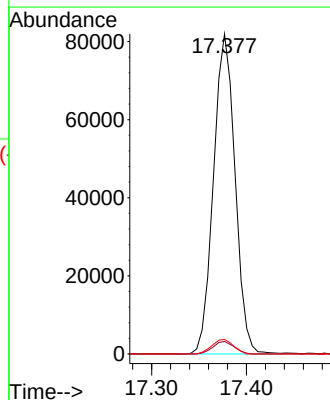
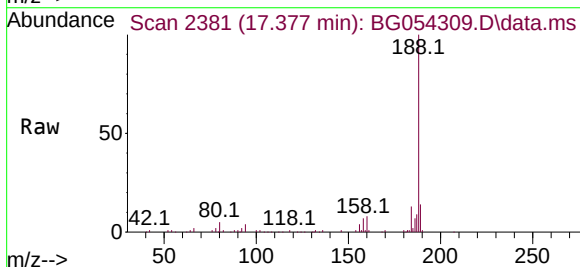
Instrument :
BNA_G
ClientSampleId :
PB145921BL

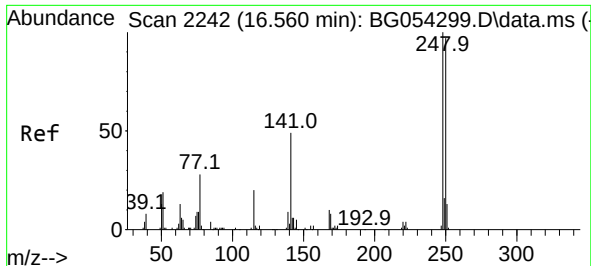
Tgt Ion:165 Resp: 6164
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.377 min Scan# 2381
Delta R.T. -0.000 min
Lab File: BG054309.D
Acq: 18 Jul 2022 11:10

Tgt Ion:188 Resp: 129456
Ion Ratio Lower Upper
188 100
94 3.9 5.4 8.0#
80 4.5 6.8 10.2#

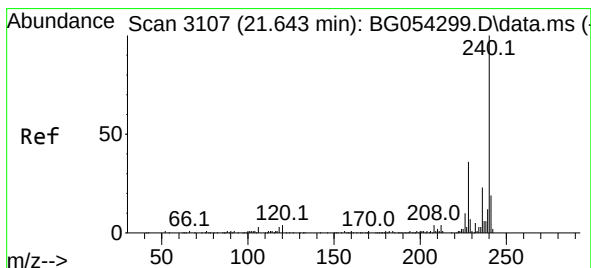
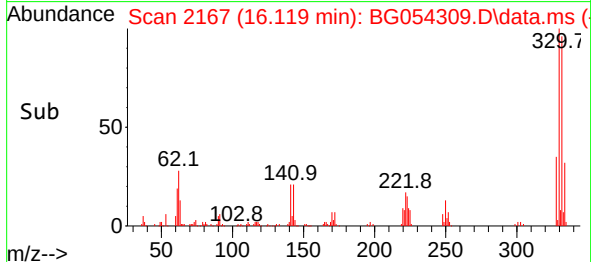
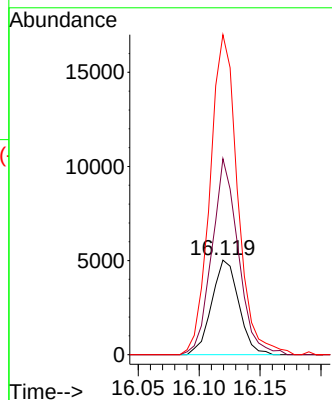
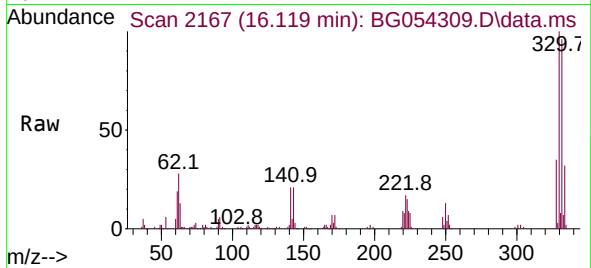




#67
4-Bromophenyl-phenylether
Concen: 4.273 ng
RT: 16.119 min Scan# 2167
Delta R.T. -0.441 min
Lab File: BG054309.D
Acq: 18 Jul 2022 11:10

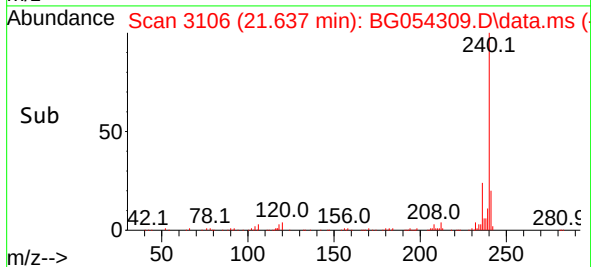
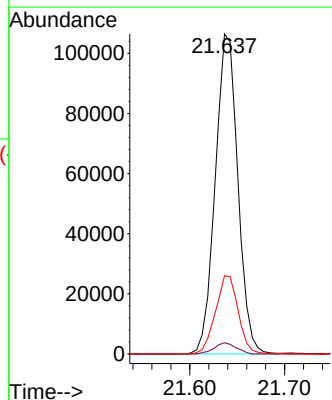
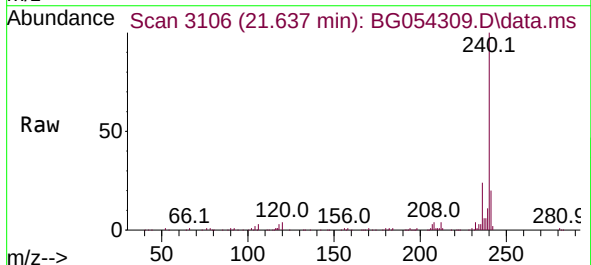
Instrument :
BNA_G
ClientSampleId :
PB145921BL

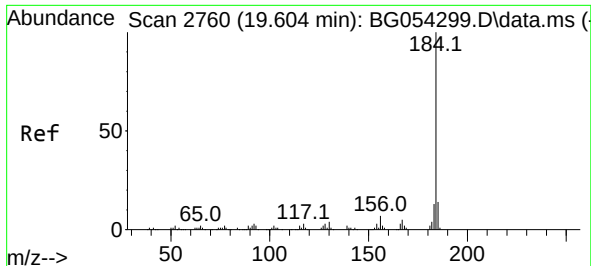
Tgt Ion:248 Resp: 7769
Ion Ratio Lower Upper
248 100
250 161.1 75.2 112.8#
141 263.0 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.637 min Scan# 3106
Delta R.T. -0.006 min
Lab File: BG054309.D
Acq: 18 Jul 2022 11:10

Tgt Ion:240 Resp: 176406
Ion Ratio Lower Upper
240 100
120 3.5 4.6 7.0#
236 24.4 20.2 30.4

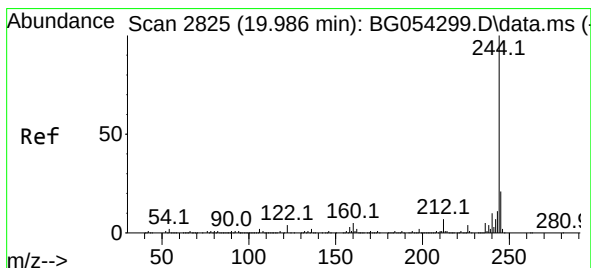
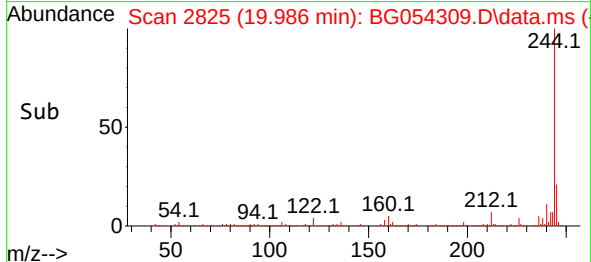
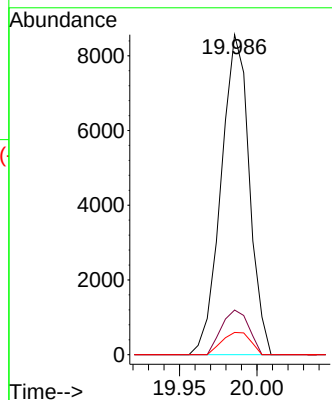
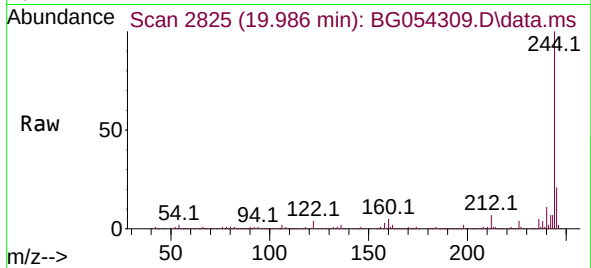




#77
Benzidine
Concen: 3.384 ng
RT: 19.986 min Scan# 21
Delta R.T. 0.382 min
Lab File: BG054309.D
Acq: 18 Jul 2022 11:10

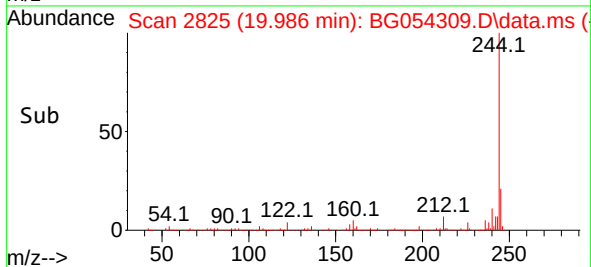
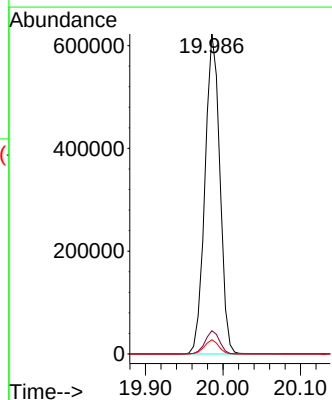
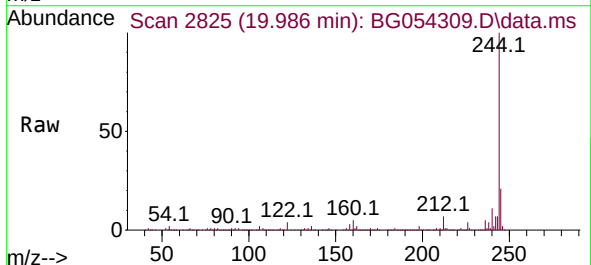
Instrument :
BNA_G
ClientSampleId :
PB145921BL

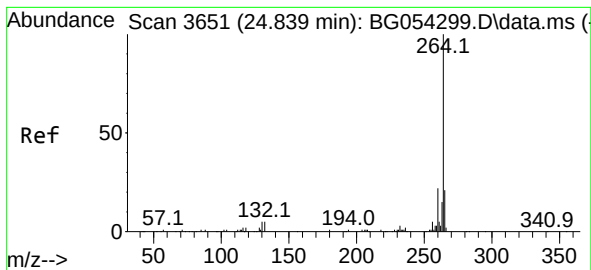
Tgt Ion:184 Resp: 10811
Ion Ratio Lower Upper
184 100
185 14.0 11.8 17.6
183 7.0 8.9 13.3#



#79
Terphenyl-d14
Concen: 93.316 ng
RT: 19.986 min Scan# 2825
Delta R.T. -0.000 min
Lab File: BG054309.D
Acq: 18 Jul 2022 11:10

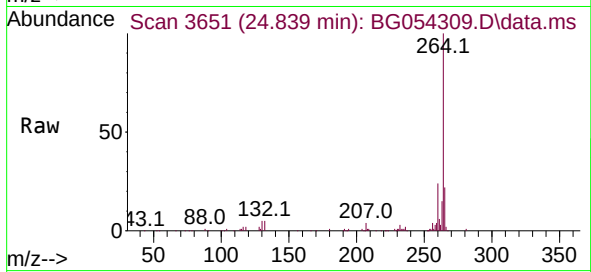
Tgt Ion:244 Resp: 829800
Ion Ratio Lower Upper
244 100
212 7.3 6.5 9.7
122 4.4 5.0 7.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.839 min Scan# 30
Delta R.T. -0.000 min
Lab File: BG054309.D
Acq: 18 Jul 2022 11:10

Instrument :
BNA_G
ClientSampleId :
PB145921BL



Tgt Ion:264 Resp: 183935

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.6
265	21.7	17.4	26.2

