

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081122\
 Data File : BG054609.D
 Acq On : 11 Aug 2022 17:52
 Operator : CG/JU
 Sample : N4017-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB05

Quant Time: Aug 12 06:05:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 08 14:48:51 2022
 Response via : Initial Calibration

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

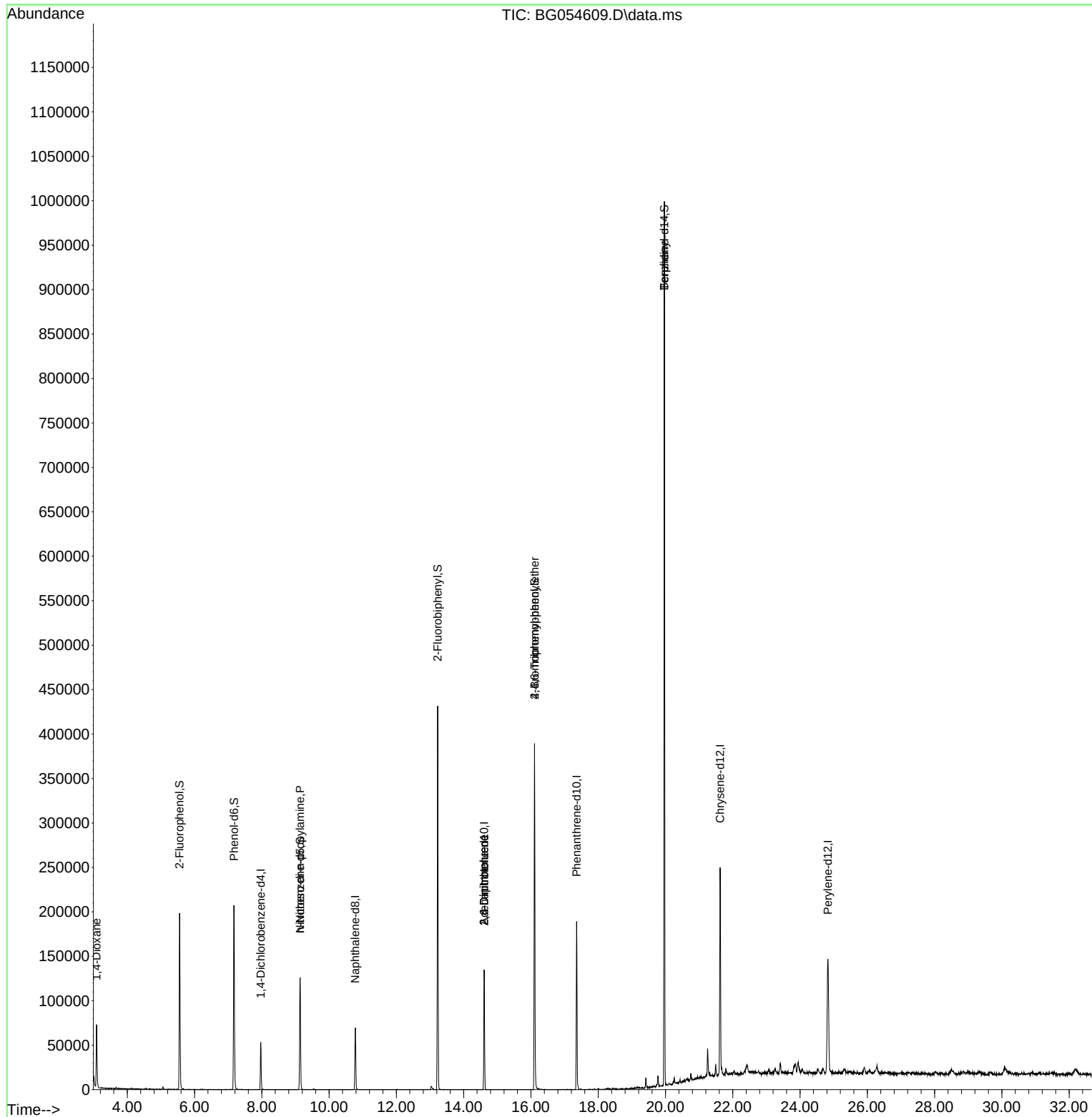
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.970	152	17321	20.000	ng	0.00
21) Naphthalene-d8	10.778	136	64932	20.000	ng	# 0.00
39) Acenaphthene-d10	14.609	164	52978	20.000	ng	0.00
64) Phenanthrene-d10	17.359	188	138656	20.000	ng	# 0.00
76) Chrysene-d12	21.624	240	160166	20.000	ng	# 0.00
86) Perylene-d12	24.826	264	166095	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.555	112	91119	109.835	ng	0.00
7) Phenol-d6	7.171	99	123001	108.204	ng	0.00
23) Nitrobenzene-d5	9.139	82	81773	68.581	ng	0.00
42) 2,4,6-Tribromophenol	16.107	330	104320	93.784	ng	0.00
45) 2-Fluorobiphenyl	13.228	172	247060	65.787	ng	0.00
79) Terphenyl-d14	19.967	244	569902	70.588	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.087	88	843	2.554	ng	# 1
9) Benzaldehyde	7.171	77	54	Below Cal		# 10
19) n-Nitroso-di-n-propyla...	9.139	70	11376	14.986	ng	# 84
51) 2,6-Dinitrotoluene	14.609	165	6986	7.697	ng	# 16
57) 2,4-Dinitrotoluene	14.609	165	6986	5.369	ng	# 21
67) 4-Bromophenyl-phenylether	16.107	248	6215	3.192	ng	# 1
77) Benzidine	19.967	184	7193	2.480	ng	# 89

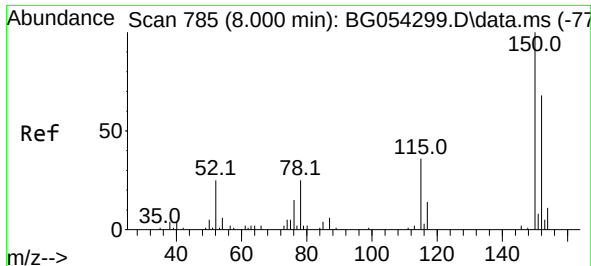
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

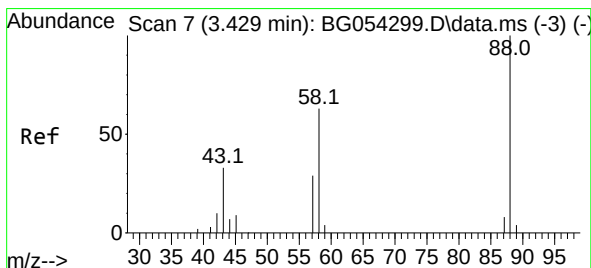
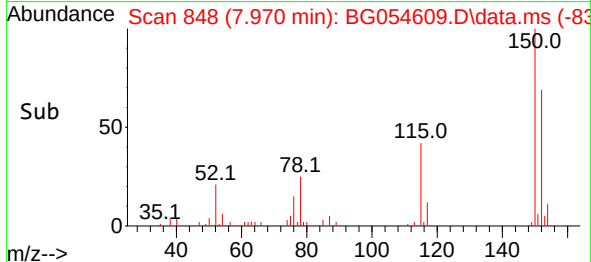
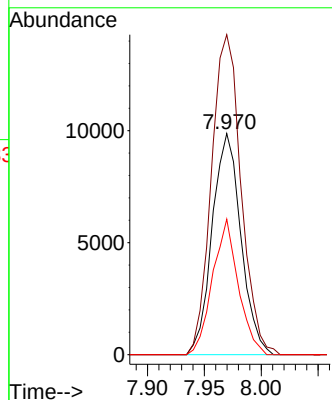
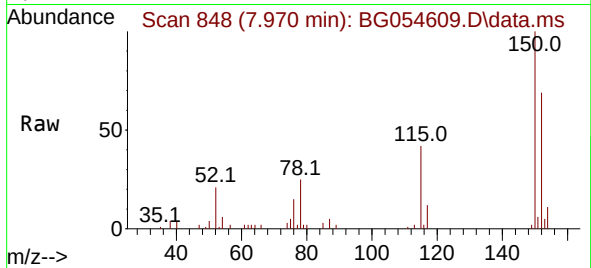




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.970 min Scan# 84
 Delta R.T. -0.002 min
 Lab File: BG054609.D
 Acq: 11 Aug 2022 17:52

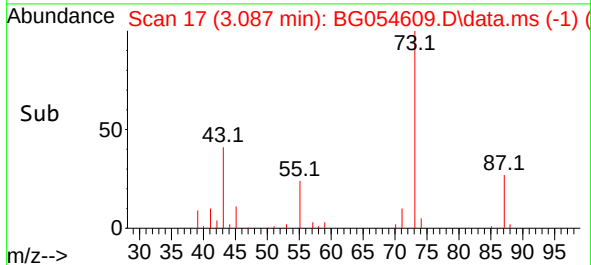
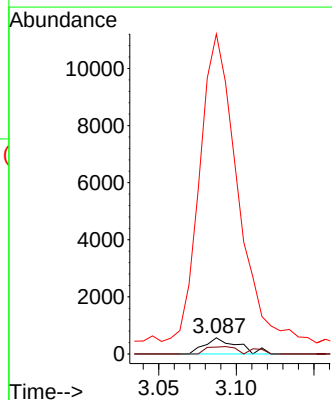
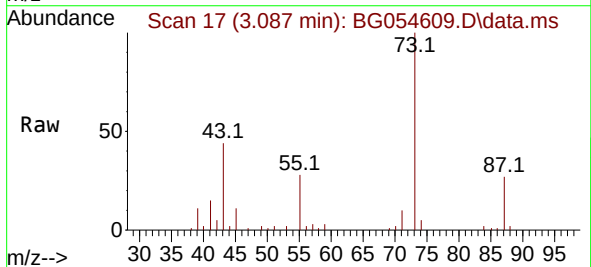
Instrument :
 BNA_G
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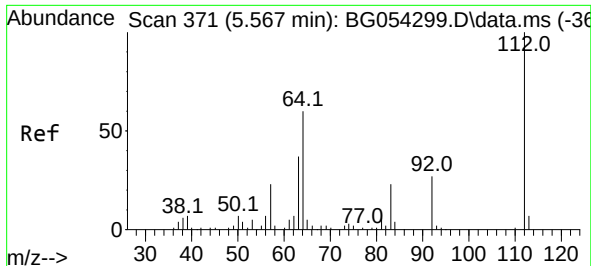
Tgt Ion:152 Resp: 17321
 Ion Ratio Lower Upper
 152 100
 150 144.7 131.6 197.4
 115 61.3 50.9 76.3



#2
 1,4-Dioxane
 Concen: 2.554 ng
 RT: 3.087 min Scan# 17
 Delta R.T. -0.308 min
 Lab File: BG054609.D
 Acq: 11 Aug 2022 17:52

Tgt Ion: 88 Resp: 843
 Ion Ratio Lower Upper
 88 100
 58 39.6 59.2 88.8#
 43 2335.2 24.3 36.5#

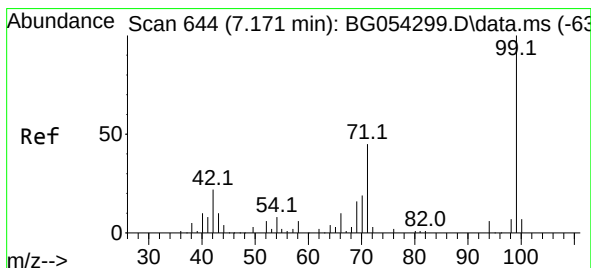
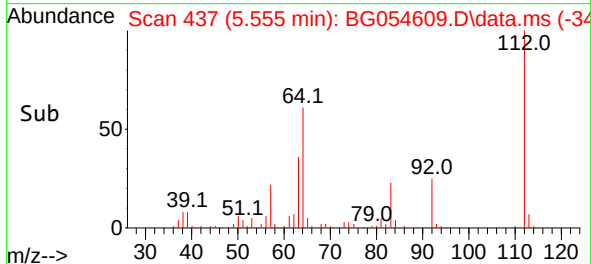
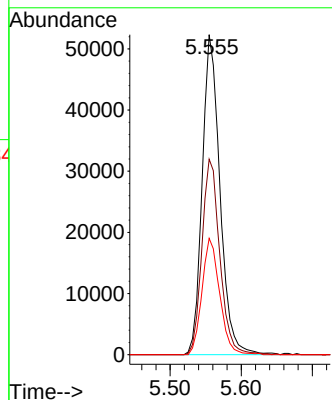
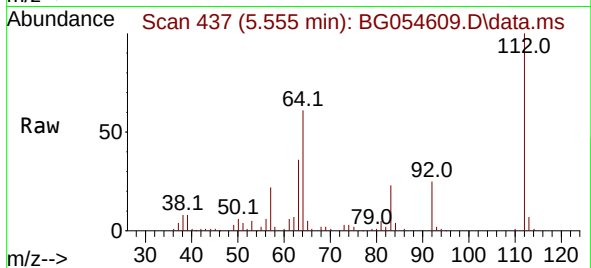




#5
2-Fluorophenol
Concen: 109.835 ng
RT: 5.555 min Scan# 41
Delta R.T. -0.009 min
Lab File: BG054609.D
Acq: 11 Aug 2022 17:52

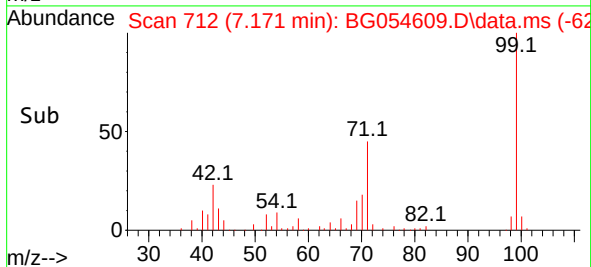
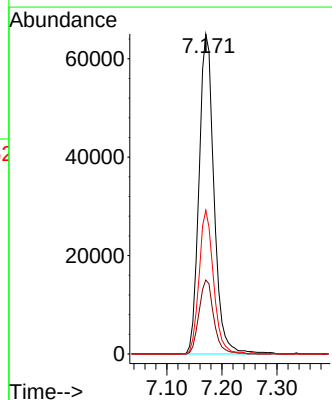
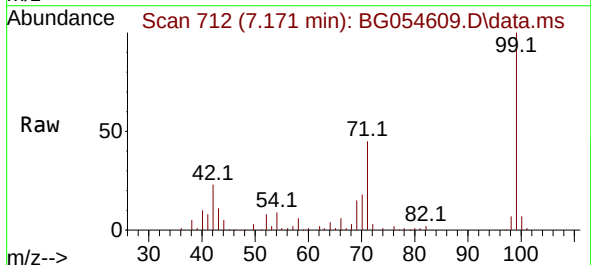
Instrument :
BNA_G
ClientSampleId :
SB05

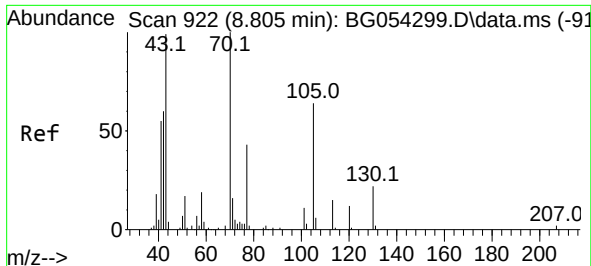
Tgt Ion:112 Resp: 91119
Ion Ratio Lower Upper
112 100
64 61.1 55.1 82.7
63 36.4 30.4 45.6



#7
Phenol-d6
Concen: 108.204 ng
RT: 7.171 min Scan# 712
Delta R.T. -0.009 min
Lab File: BG054609.D
Acq: 11 Aug 2022 17:52

Tgt Ion: 99 Resp: 123001
Ion Ratio Lower Upper
99 100
42 23.1 17.0 25.6
71 44.9 33.8 50.8

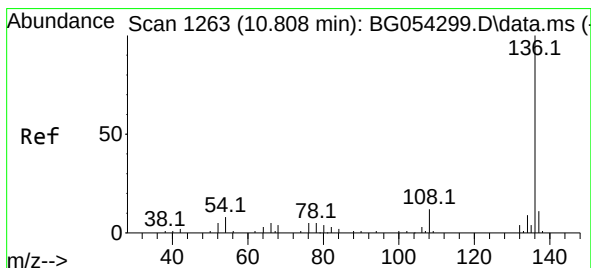
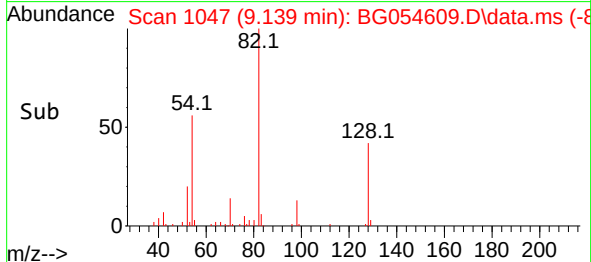
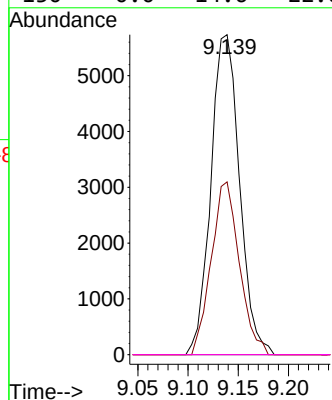
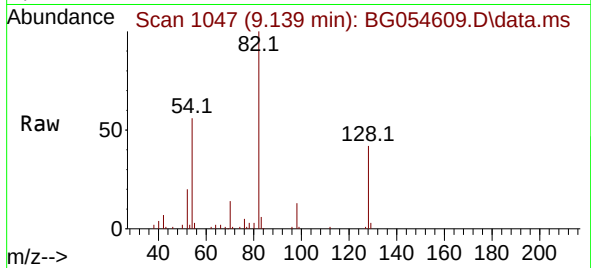




#19
n-Nitroso-di-n-propylamine
Concen: 14.986 ng
RT: 9.139 min Scan# 1047
Delta R.T. 0.356 min
Lab File: BG054609.D
Acq: 11 Aug 2022 17:52

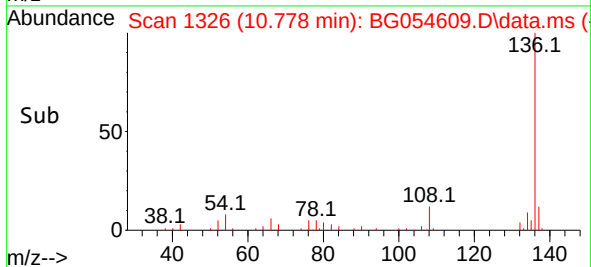
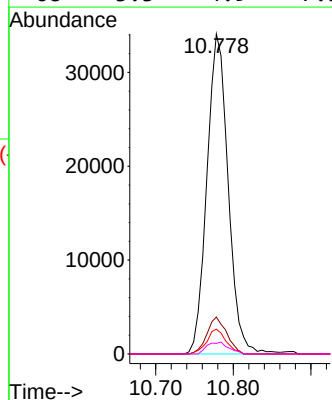
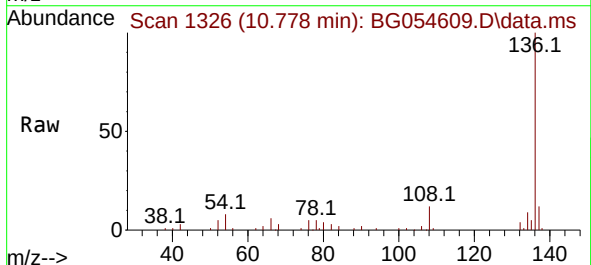
Instrument :
BNA_G
ClientSampleId :
SB05

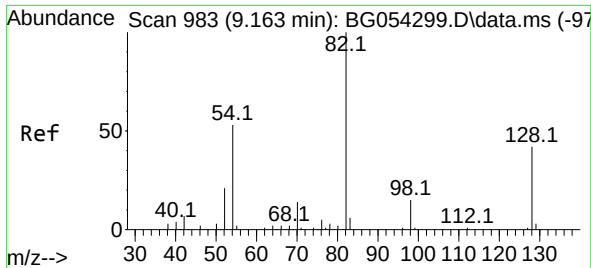
Tgt Ion: 70 Resp: 11376
Ion Ratio Lower Upper
70 100
42 54.0 47.3 70.9
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.778 min Scan# 1326
Delta R.T. -0.009 min
Lab File: BG054609.D
Acq: 11 Aug 2022 17:52

Tgt Ion: 136 Resp: 64932
Ion Ratio Lower Upper
136 100
137 11.5 8.5 12.7
54 7.8 7.4 11.2
68 3.3 4.9 7.3#

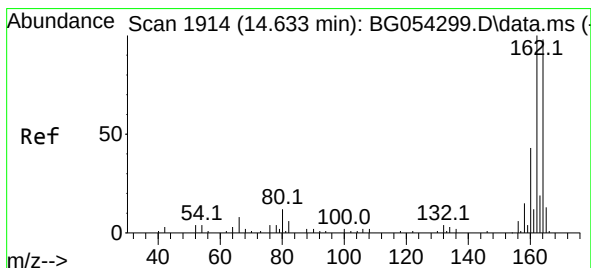
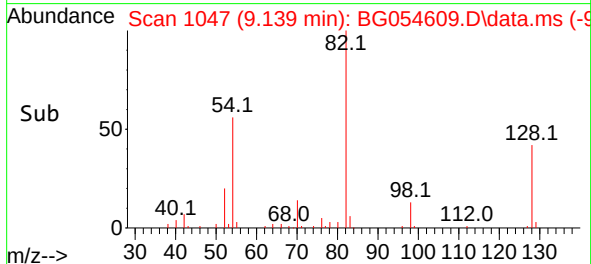
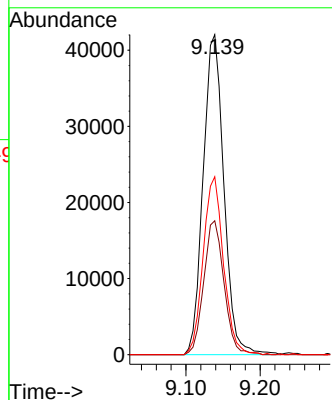
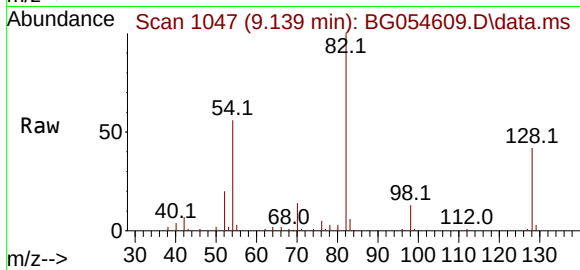




#23
Nitrobenzene-d5
Concen: 68.581 ng
RT: 9.139 min Scan# 1047
Delta R.T. -0.003 min
Lab File: BG054609.D
Acq: 11 Aug 2022 17:52

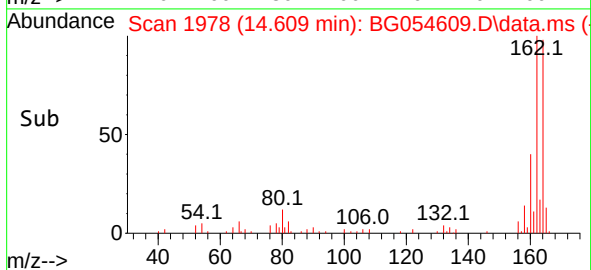
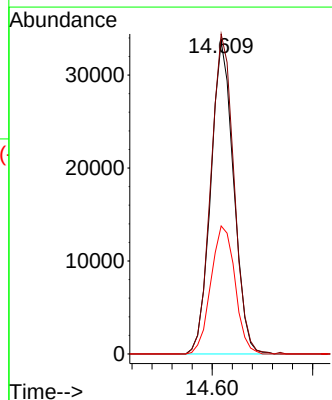
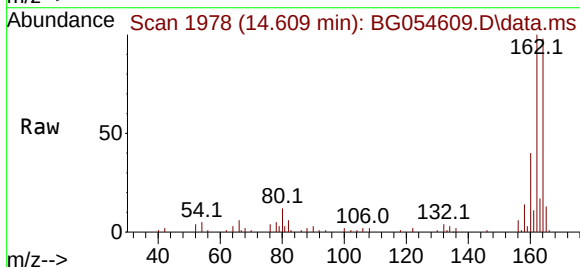
Instrument :
BNA_G
ClientSampleId :
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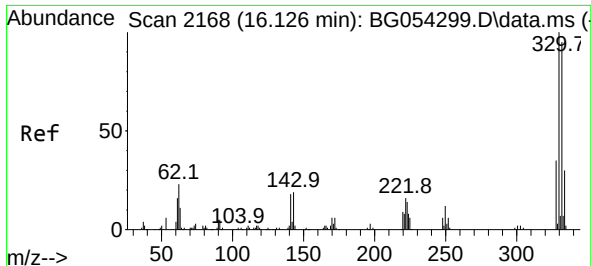
Tgt Ion: 82 Resp: 81773
Ion Ratio Lower Upper
82 100
128 41.9 27.9 41.9
54 55.6 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.609 min Scan# 1978
Delta R.T. -0.009 min
Lab File: BG054609.D
Acq: 11 Aug 2022 17:52

Tgt Ion:164 Resp: 52978
Ion Ratio Lower Upper
164 100
162 102.3 82.3 123.5
160 40.9 34.2 51.2

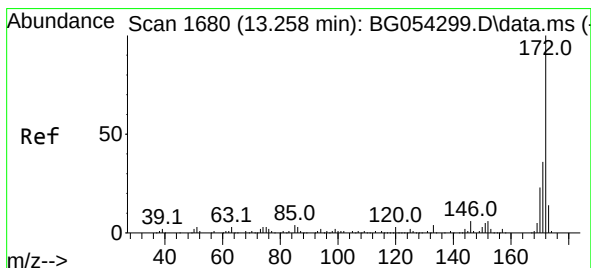
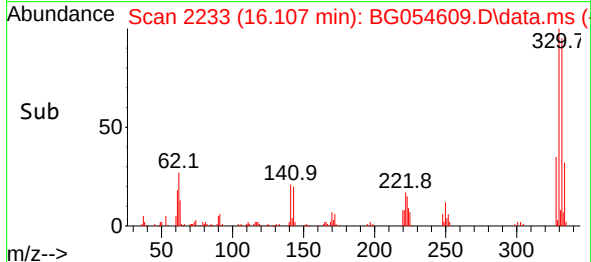
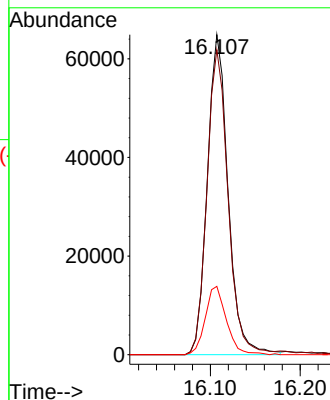
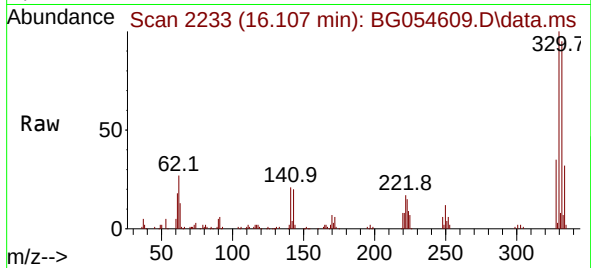




#42
 2,4,6-Tribromophenol
 Concen: 93.784 ng
 RT: 16.107 min Scan# 2168
 Delta R.T. -0.009 min
 Lab File: BG054609.D
 Acq: 11 Aug 2022 17:52

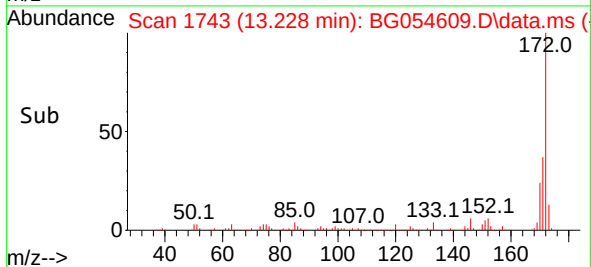
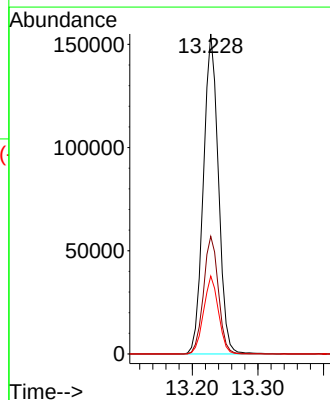
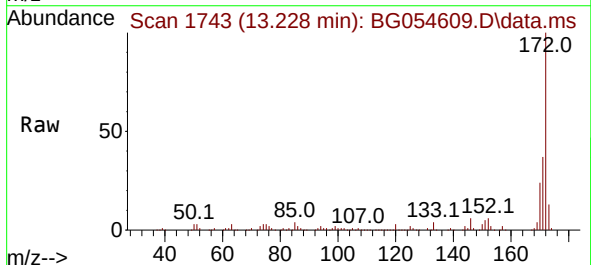
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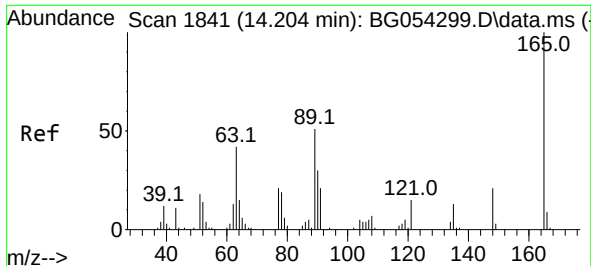
Tgt Ion:330 Resp: 104320
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.0 114.0
 141 21.7 27.1 40.7#



#45
 2-Fluorobiphenyl
 Concen: 65.787 ng
 RT: 13.228 min Scan# 1743
 Delta R.T. -0.009 min
 Lab File: BG054609.D
 Acq: 11 Aug 2022 17:52

Tgt Ion:172 Resp: 247060
 Ion Ratio Lower Upper
 172 100
 171 36.7 28.5 42.7
 170 24.3 18.9 28.3

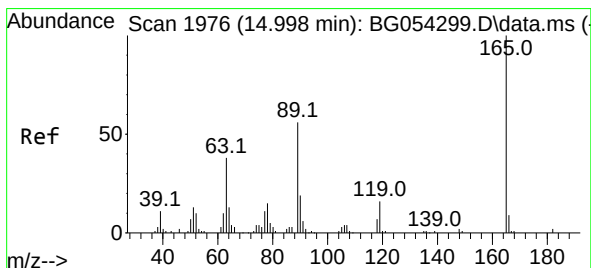
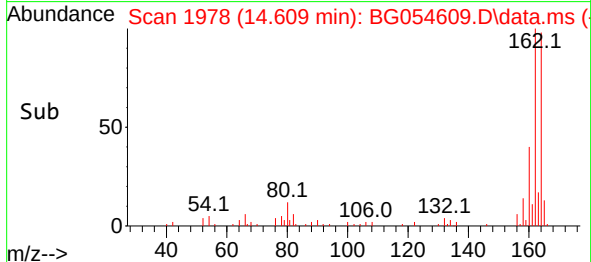
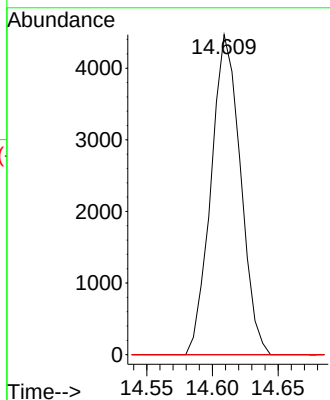
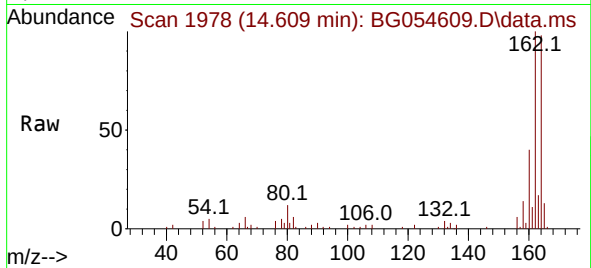




#51
2,6-Dinitrotoluene
Concen: 7.697 ng
RT: 14.609 min Scan# 1978
Delta R.T. 0.414 min
Lab File: BG054609.D
Acq: 11 Aug 2022 17:52

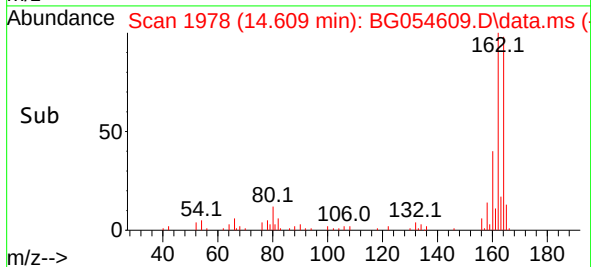
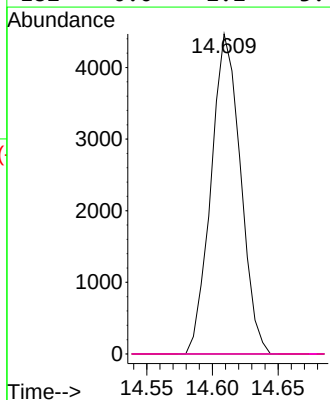
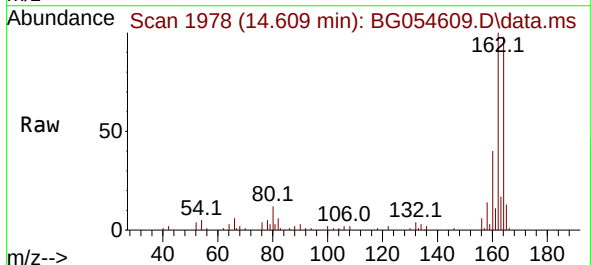
Instrument :
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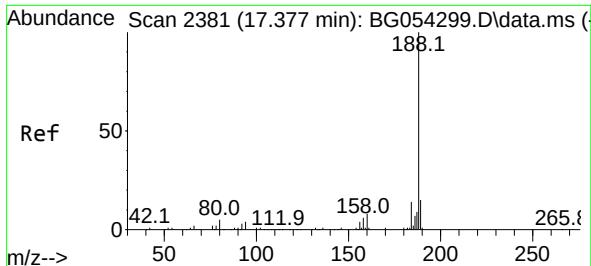
Tgt Ion:165 Resp: 6986
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#



#57
2,4-Dinitrotoluene
Concen: 5.369 ng
RT: 14.609 min Scan# 1978
Delta R.T. -0.385 min
Lab File: BG054609.D
Acq: 11 Aug 2022 17:52

Tgt Ion:165 Resp: 6986
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#

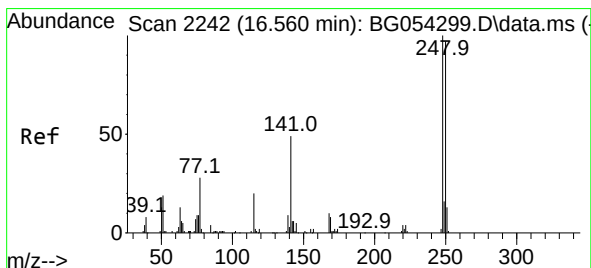
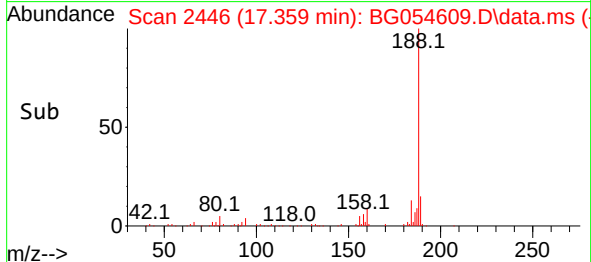
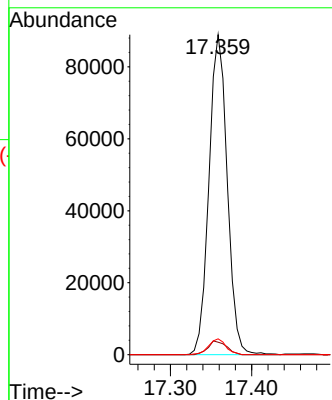
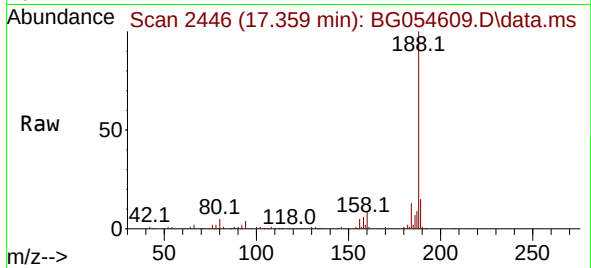




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.359 min Scan# 2446
Delta R.T. -0.003 min
Lab File: BG054609.D
Acq: 11 Aug 2022 17:52

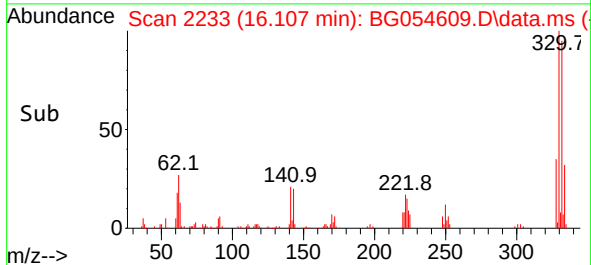
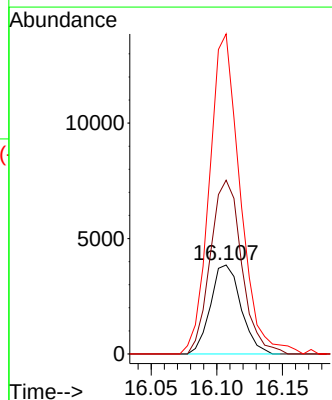
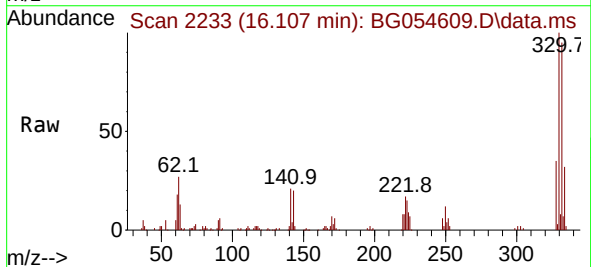
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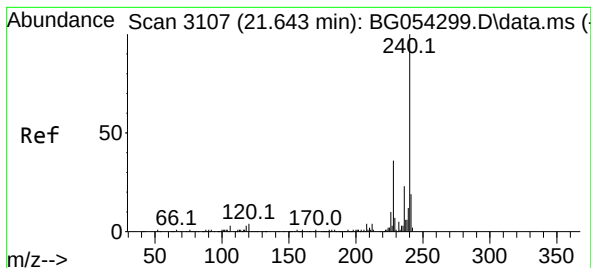
Tgt Ion:188 Resp: 138656
Ion Ratio Lower Upper
188 100
94 3.9 5.4 8.0#
80 5.0 6.8 10.2#



#67
4-Bromophenyl-phenylether
Concen: 3.192 ng
RT: 16.107 min Scan# 2233
Delta R.T. -0.437 min
Lab File: BG054609.D
Acq: 11 Aug 2022 17:52

Tgt Ion:248 Resp: 6215
Ion Ratio Lower Upper
248 100
250 195.1 75.2 112.8#
141 359.5 50.0 75.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.624 min Scan# 31

Delta R.T. -0.009 min

Lab File: BG054609.D

Acq: 11 Aug 2022 17:52

Instrument :

BNA_G

ClientSampleId :

SB05

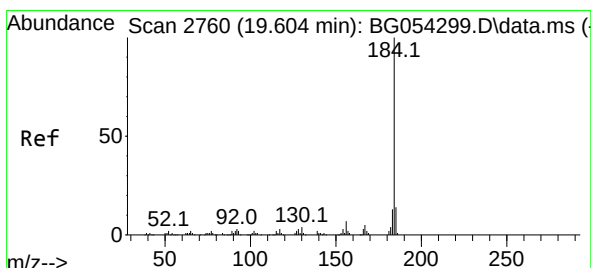
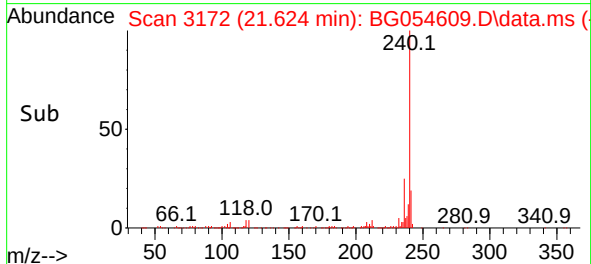
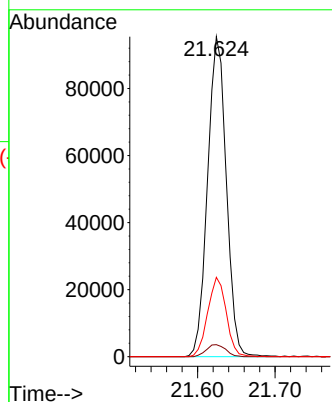
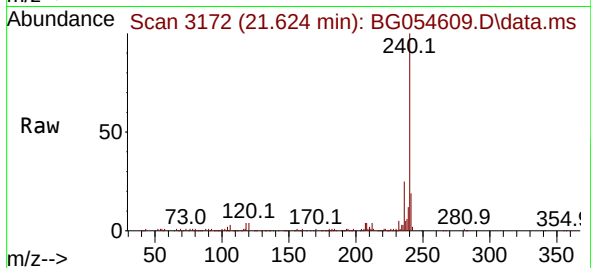
Tgt Ion:240 Resp: 160166

Ion Ratio Lower Upper

240 100

120 3.7 4.6 7.0#

236 24.8 20.2 30.4



#77

Benzidine

Concen: 2.480 ng

RT: 19.967 min Scan# 2890

Delta R.T. 0.373 min

Lab File: BG054609.D

Acq: 11 Aug 2022 17:52

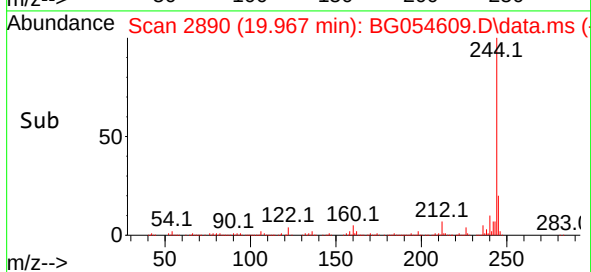
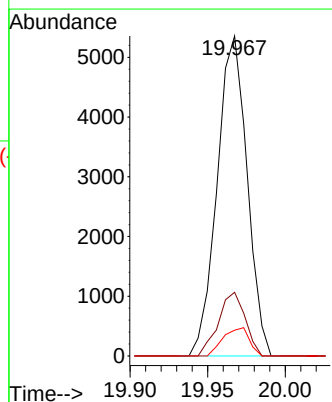
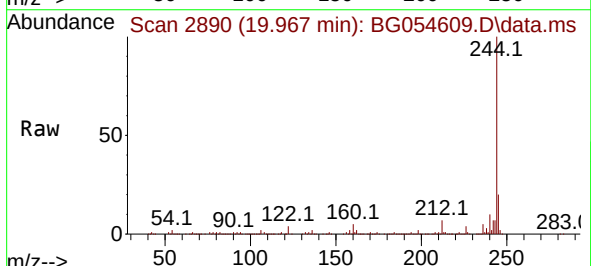
Tgt Ion:184 Resp: 7193

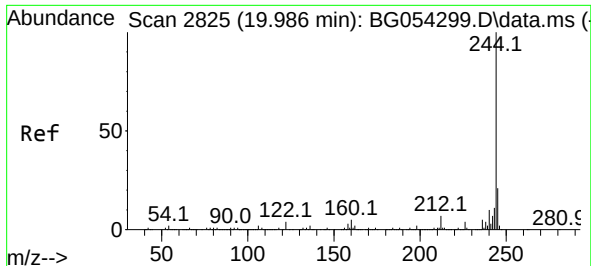
Ion Ratio Lower Upper

184 100

185 19.9 11.8 17.6#

183 8.0 8.9 13.3#

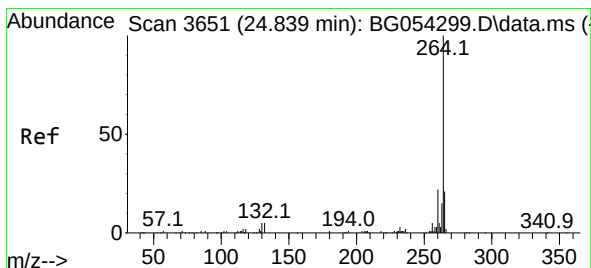
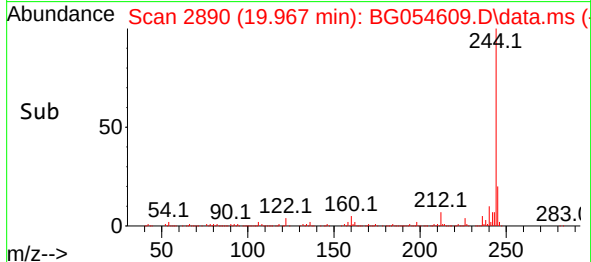
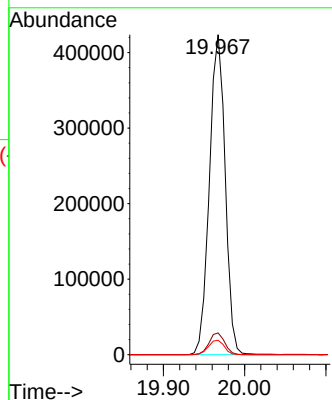
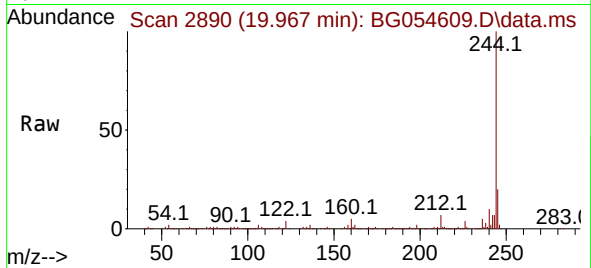




#79
 Terphenyl-d14
 Concen: 70.588 ng
 RT: 19.967 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG054609.D
 Acq: 11 Aug 2022 17:52

Instrument :
 BNA_G
 ClientSampleId :
 SB05

Tgt Ion:244 Resp: 569902
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.5 9.7
 122 4.5 5.0 7.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.826 min Scan# 3717
 Delta R.T. -0.009 min
 Lab File: BG054609.D
 Acq: 11 Aug 2022 17:52

Tgt Ion:264 Resp: 166095
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.0 28.6
 265 23.1 17.4 26.2

