

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032222\
 Data File : BG052781.D
 Acq On : 22 Mar 2022 11:55
 Operator : CG/JU
 Sample : PB143437TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB143437TB

Quant Time: Mar 22 16:37:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 15 15:56:10 2022
 Response via : Initial Calibration

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

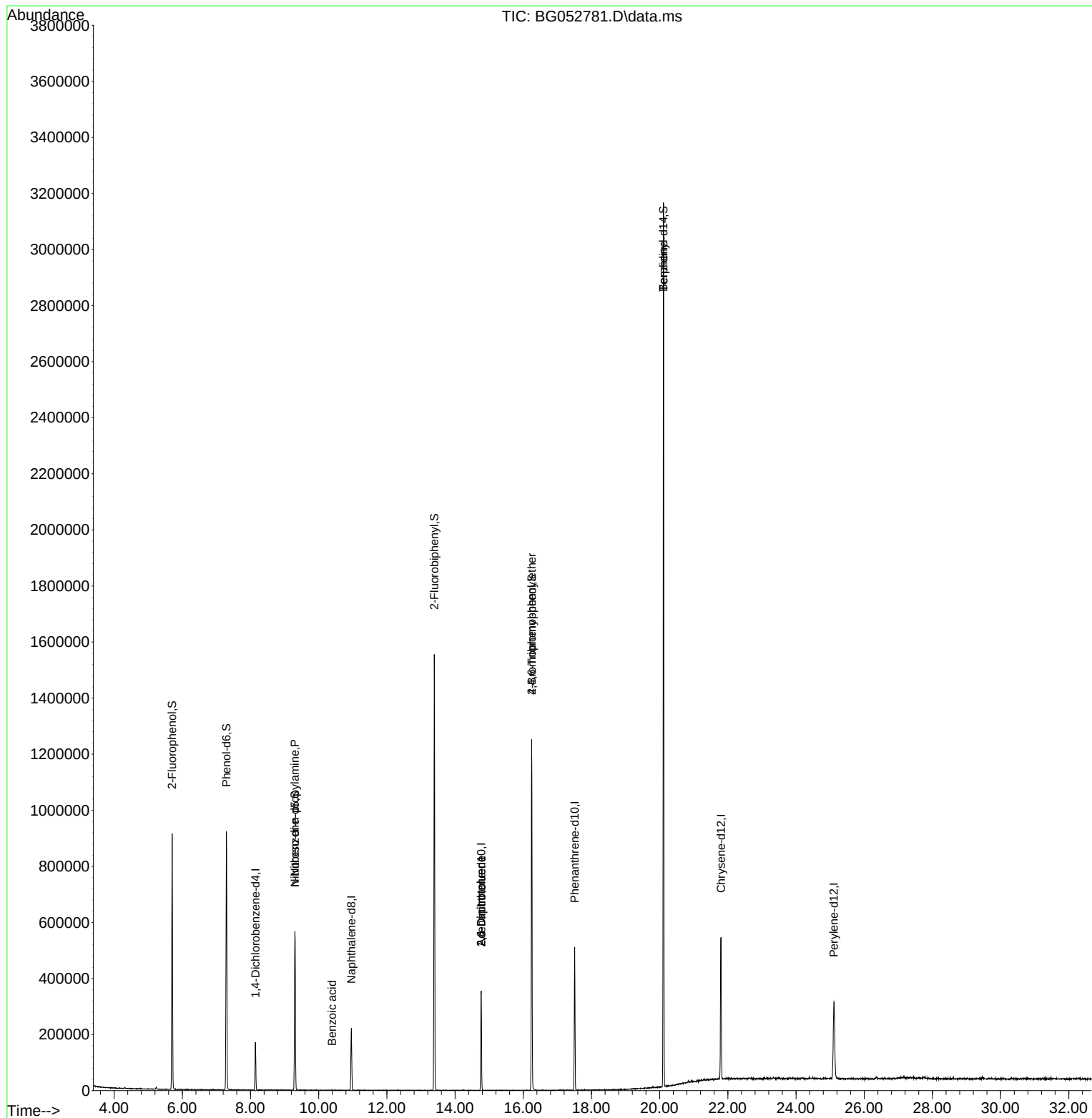
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.146	152	46192	20.000	ng	-0.01
21) Naphthalene-d8	10.959	136	185374	20.000	ng	-0.01
39) Acenaphthene-d10	14.766	164	132130	20.000	ng	0.00
64) Phenanthrene-d10	17.509	188	317513	20.000	ng	0.00
76) Chrysene-d12	21.798	240	327223	20.000	ng	-0.01
86) Perylene-d12	25.111	264	315959	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.702	112	371001	139.873	ng	0.00
7) Phenol-d6	7.294	99	530003	132.541	ng	0.00
23) Nitrobenzene-d5	9.303	82	367774	99.575	ng	-0.01
42) 2,4,6-Tribromophenol	16.246	330	251395	141.593	ng	-0.01
45) 2-Fluorobiphenyl	13.391	172	820566	91.592	ng	-0.01
79) Terphenyl-d14	20.112	244	1587926	86.323	ng	-0.01
Target Compounds						
9) Benzaldehyde	7.300	77	1126	Below Cal	Qvalue	# 5
19) n-Nitroso-di-n-propyla...	9.303	70	50430	17.806	ng	# 73
32) Benzoic acid	10.395	122	68	5.704	ng	# 1
51) 2,6-Dinitrotoluene	14.766	165	17480	10.543	ng	# 25
57) 2,4-Dinitrotoluene	14.766	165	17480	7.598	ng	# 24
67) 4-Bromophenyl-phenylether	16.246	248	16729	4.370	ng	# 1
77) Benzidine	20.112	184	26191	3.103	ng	# 93

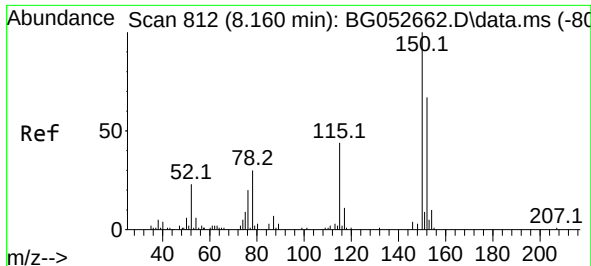
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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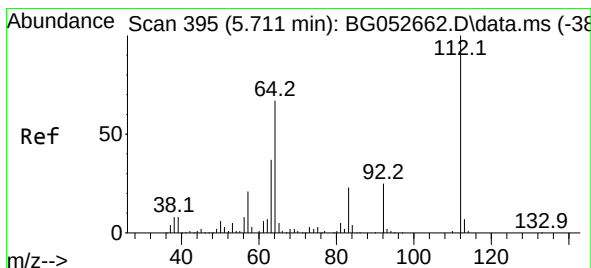
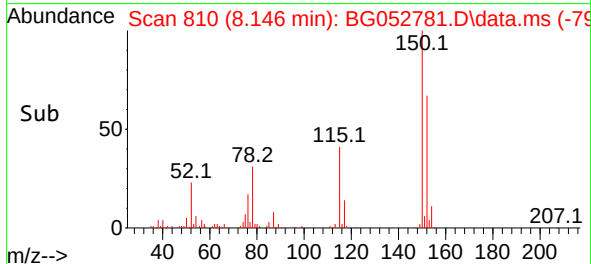
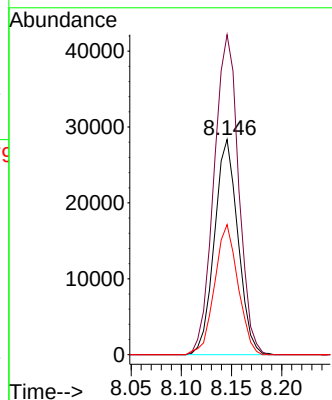
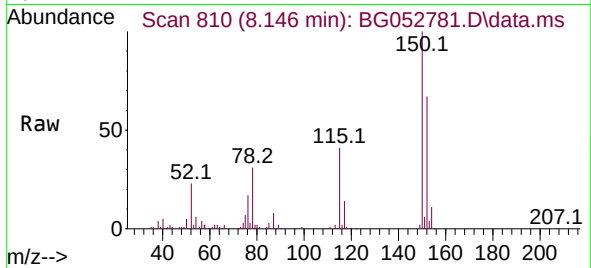




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.146 min Scan# 81
Delta R.T. -0.014 min
Lab File: BG052781.D
Acq: 22 Mar 2022 11:55

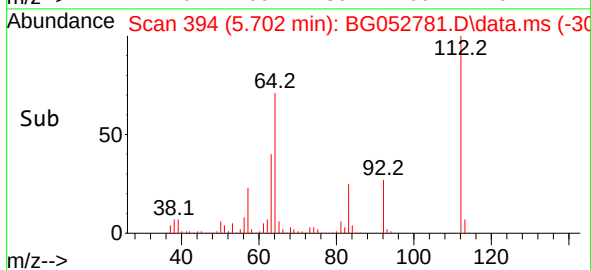
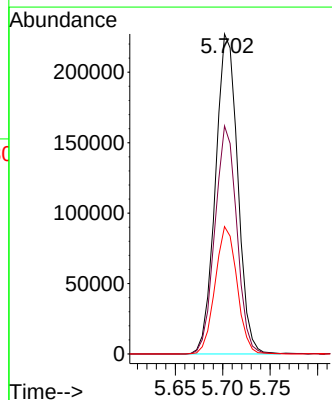
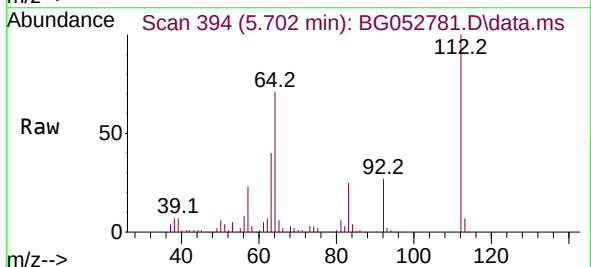
Instrument :
BNA_G
ClientSampleId :
PB143437TB

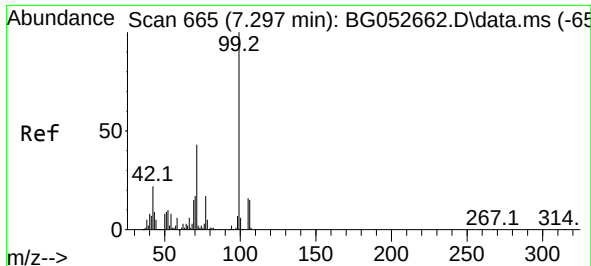
Tgt Ion:152 Resp: 46192
Ion Ratio Lower Upper
152 100
150 148.7 114.6 172.0
115 60.4 45.9 68.9



#5
2-Fluorophenol
Concen: 139.873 ng
RT: 5.702 min Scan# 394
Delta R.T. -0.009 min
Lab File: BG052781.D
Acq: 22 Mar 2022 11:55

Tgt Ion:112 Resp: 371001
Ion Ratio Lower Upper
112 100
64 71.2 48.0 72.0
63 39.8 26.5 39.7#

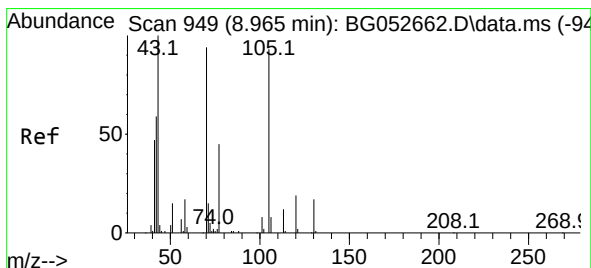
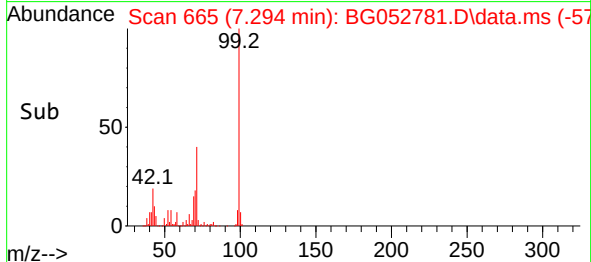
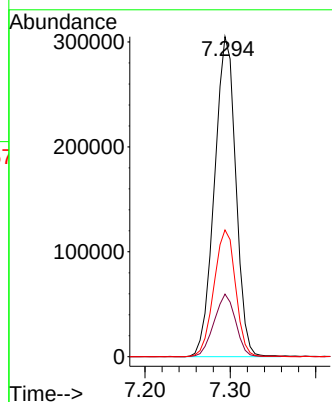
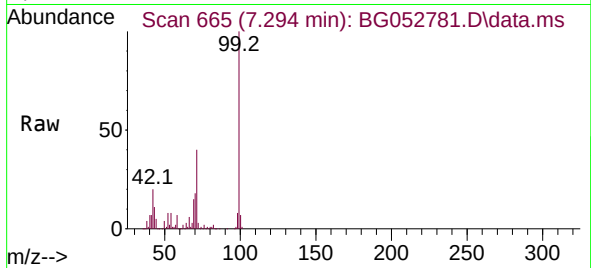




#7
Phenol-d6
Concen: 132.541 ng
RT: 7.294 min Scan# 60
Delta R.T. -0.003 min
Lab File: BG052781.D
Acq: 22 Mar 2022 11:55

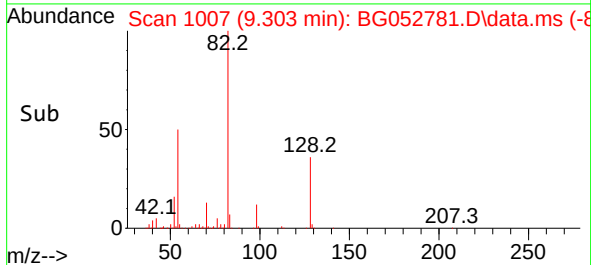
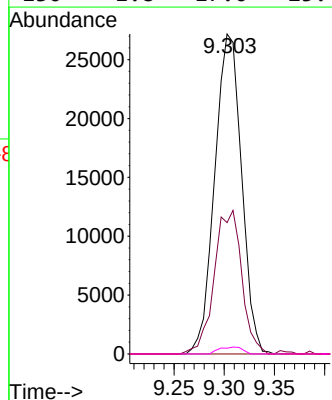
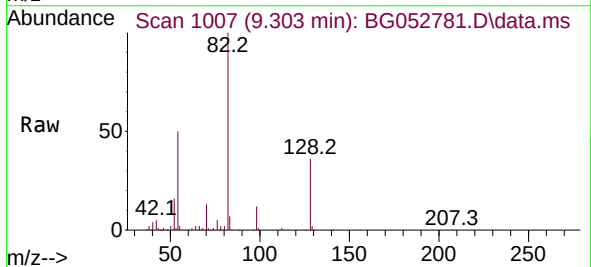
Instrument :
BNA_G
ClientSampleId :
PB143437TB

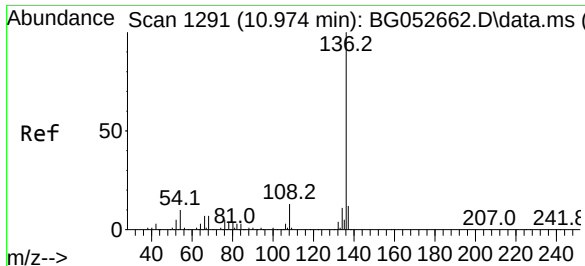
Tgt Ion: 99 Resp: 530003
Ion Ratio Lower Upper
99 100
42 19.5 14.7 22.1
71 39.6 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 17.806 ng
RT: 9.303 min Scan# 1007
Delta R.T. 0.338 min
Lab File: BG052781.D
Acq: 22 Mar 2022 11:55

Tgt Ion: 70 Resp: 50430
Ion Ratio Lower Upper
70 100
42 41.1 46.0 69.0#
101 0.0 6.2 9.4#
130 1.8 17.0 25.4#



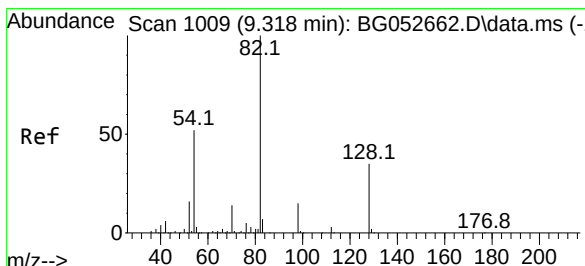
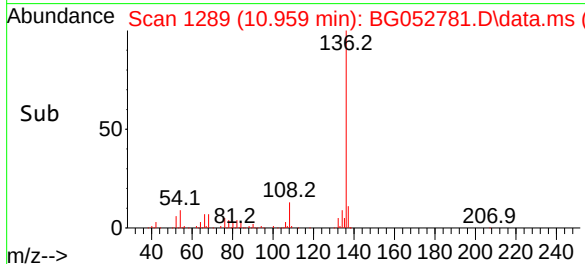
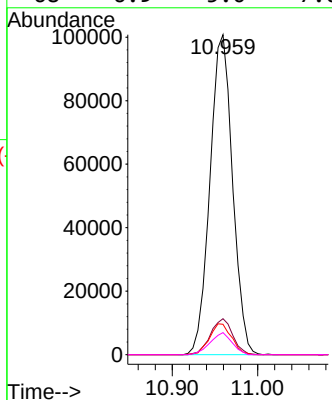
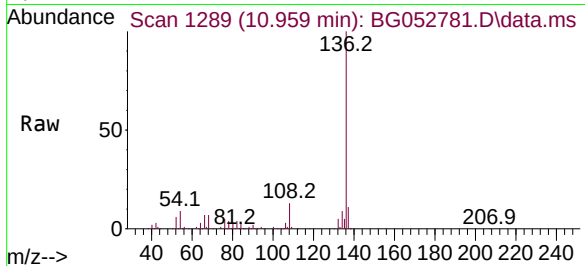


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.959 min Scan# 11
Delta R.T. -0.015 min
Lab File: BG052781.D
Acq: 22 Mar 2022 11:55

Instrument :
BNA_G
ClientSampleId :
PB143437TB

Tgt Ion:136 Resp: 185374

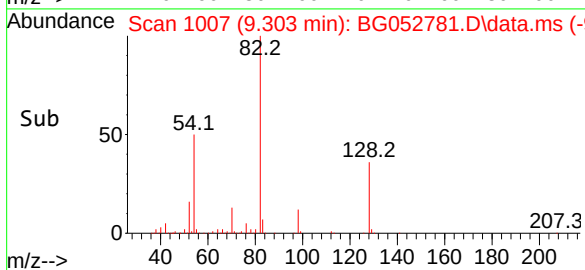
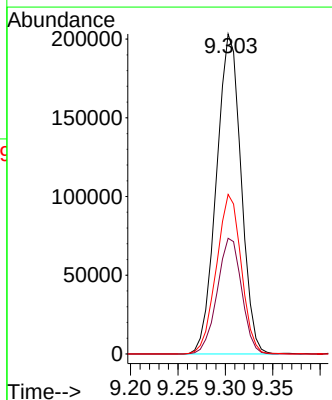
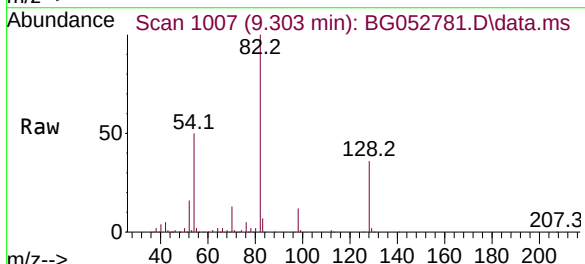
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.4	14.2
54	9.5	6.4	9.6
68	6.9	5.0	7.6

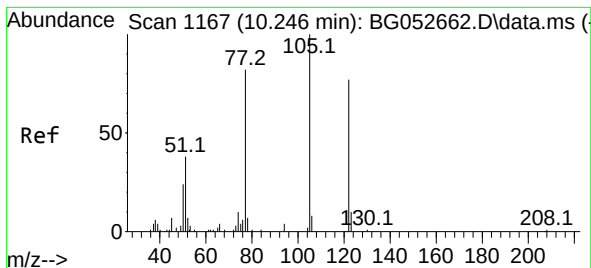


#23
Nitrobenzene-d5
Concen: 99.575 ng
RT: 9.303 min Scan# 1007
Delta R.T. -0.015 min
Lab File: BG052781.D
Acq: 22 Mar 2022 11:55

Tgt Ion: 82 Resp: 367774

Ion	Ratio	Lower	Upper
82	100		
128	36.2	31.3	46.9
54	49.8	37.8	56.8





#32

Benzoic acid

Concen: 5.704 ng

RT: 10.395 min Scan# 1167

Delta R.T. 0.149 min

Lab File: BG052781.D

Acq: 22 Mar 2022 11:55

Instrument :

BNA_G

ClientSampleId :

PB143437TB

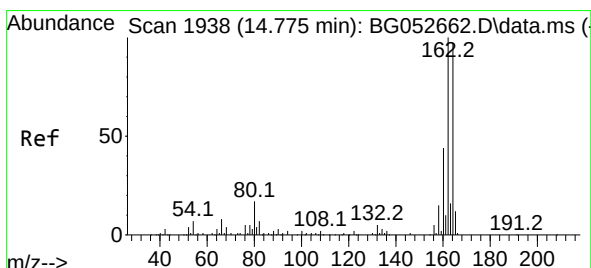
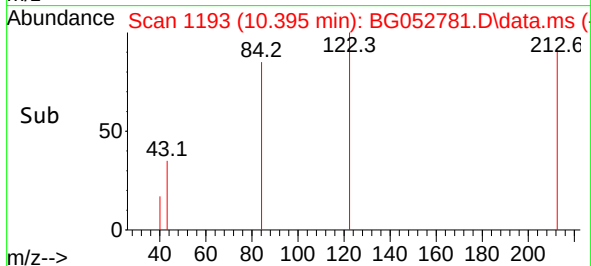
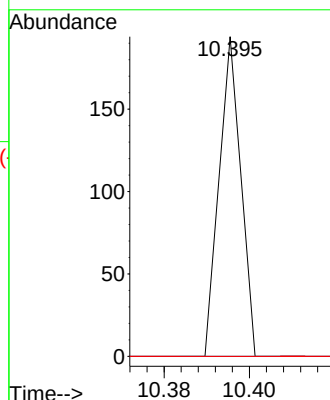
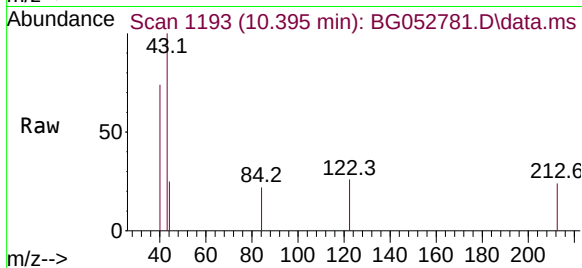
Tgt Ion:122 Resp: 68

Ion Ratio Lower Upper

122 100

105 0.0 112.8 152.8#

77 0.0 78.4 118.4#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.766 min Scan# 1937

Delta R.T. -0.009 min

Lab File: BG052781.D

Acq: 22 Mar 2022 11:55

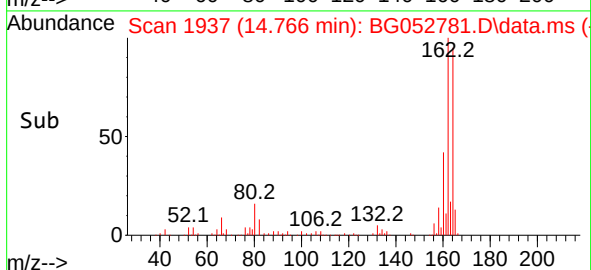
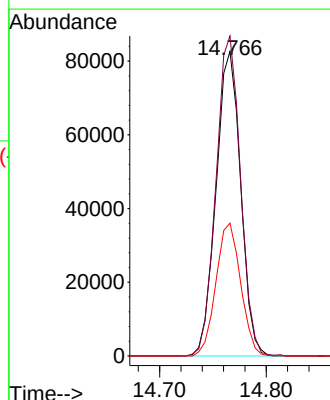
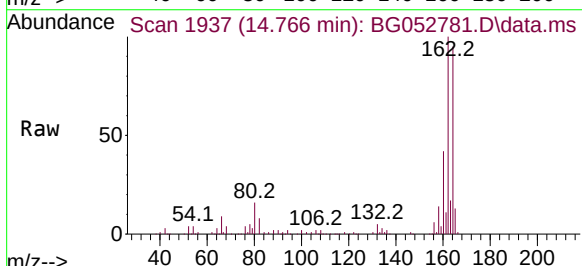
Tgt Ion:164 Resp: 132130

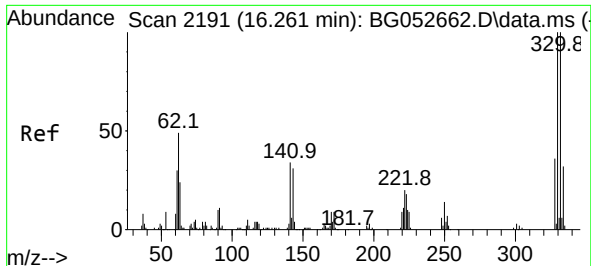
Ion Ratio Lower Upper

164 100

162 105.0 80.0 120.0

160 43.6 38.8 58.2

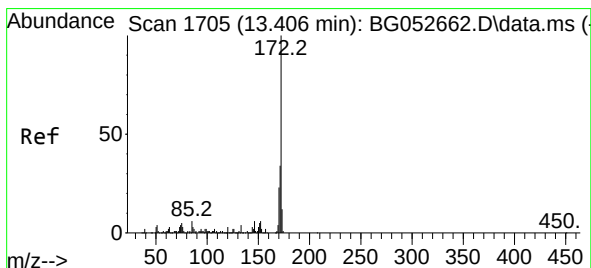
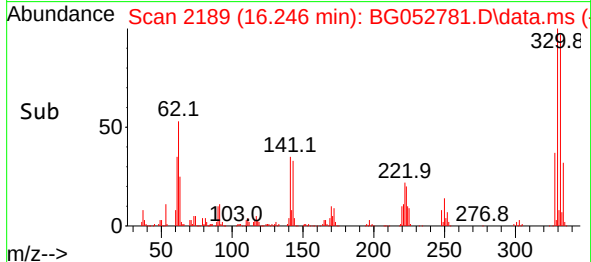
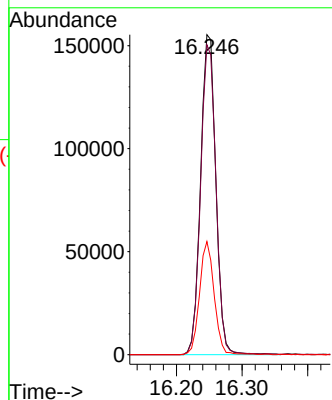
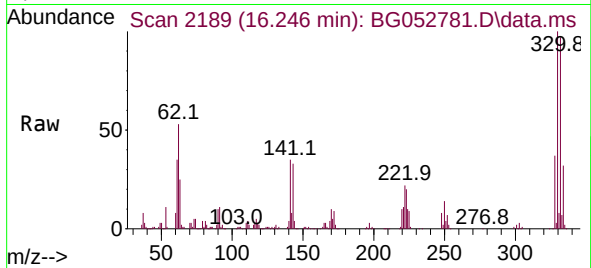




#42
2,4,6-Tribromophenol
Concen: 141.593 ng
RT: 16.246 min Scan# 2191
Delta R.T. -0.015 min
Lab File: BG052781.D
Acq: 22 Mar 2022 11:55

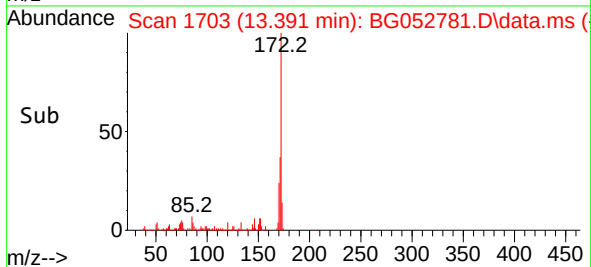
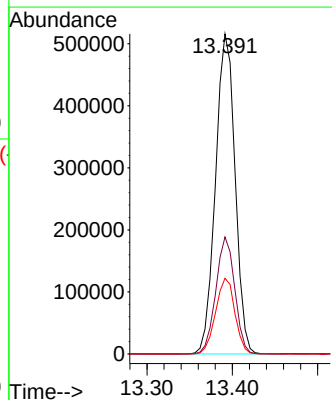
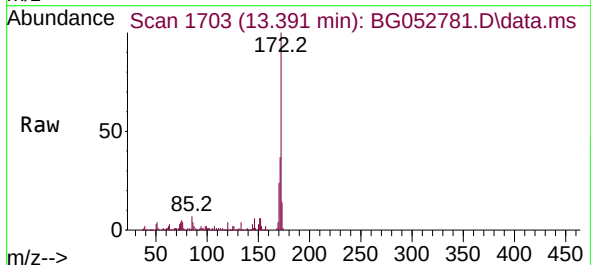
Instrument :
BNA_G
ClientSampleId :
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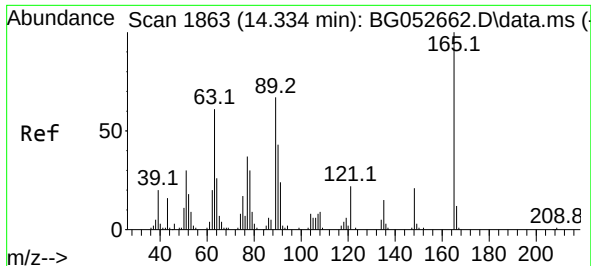
Tgt Ion:330 Resp: 251395
Ion Ratio Lower Upper
330 100
332 97.2 75.8 113.6
141 33.9 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 91.592 ng
RT: 13.391 min Scan# 1703
Delta R.T. -0.015 min
Lab File: BG052781.D
Acq: 22 Mar 2022 11:55

Tgt Ion:172 Resp: 820566
Ion Ratio Lower Upper
172 100
171 36.5 28.3 42.5
170 23.7 18.0 27.0

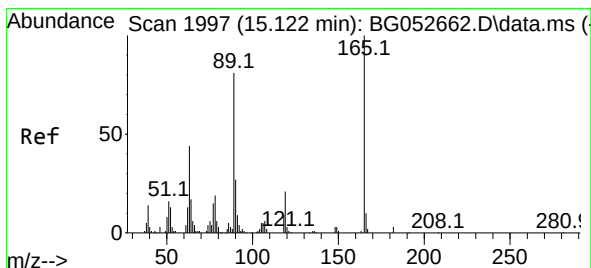
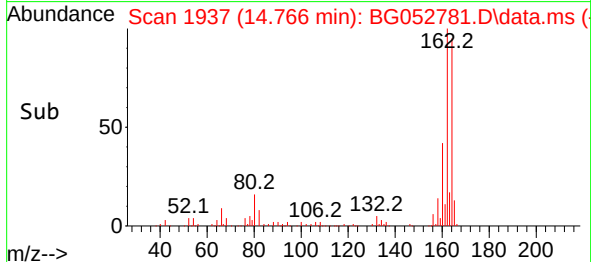
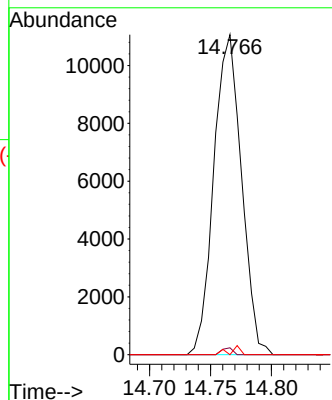
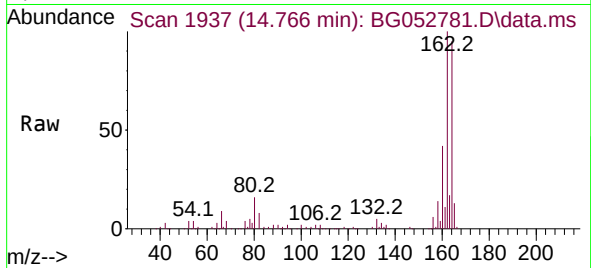




#51
2,6-Dinitrotoluene
Concen: 10.543 ng
RT: 14.766 min Scan# 1937
Delta R.T. 0.432 min
Lab File: BG052781.D
Acq: 22 Mar 2022 11:55

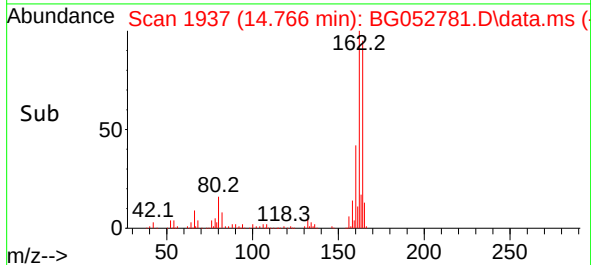
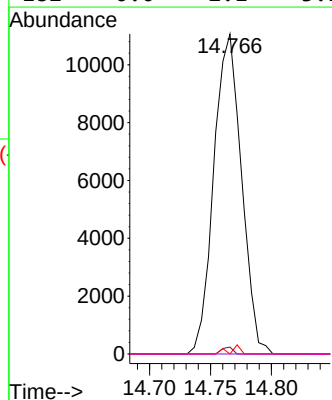
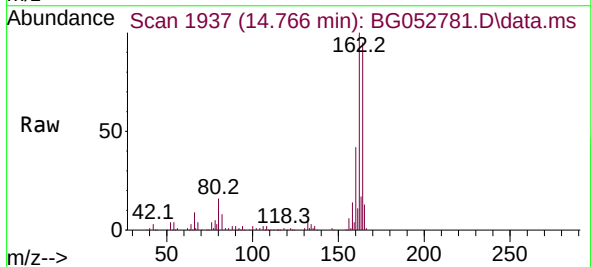
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ClientSampleId :
PB143437TB

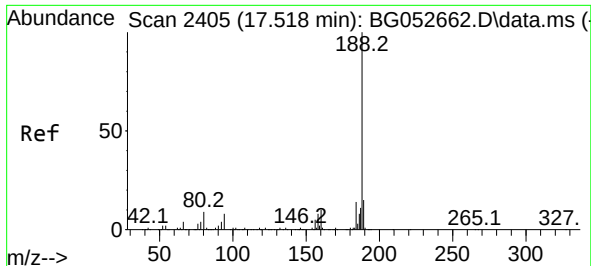
Tgt Ion:165 Resp: 17480
Ion Ratio Lower Upper
165 100
63 2.1 43.7 65.5#
89 0.0 45.0 67.4#



#57
2,4-Dinitrotoluene
Concen: 7.598 ng
RT: 14.766 min Scan# 1937
Delta R.T. -0.356 min
Lab File: BG052781.D
Acq: 22 Mar 2022 11:55

Tgt Ion:165 Resp: 17480
Ion Ratio Lower Upper
165 100
63 2.1 34.8 52.2#
89 0.0 57.4 86.0#
182 0.0 2.1 3.1#

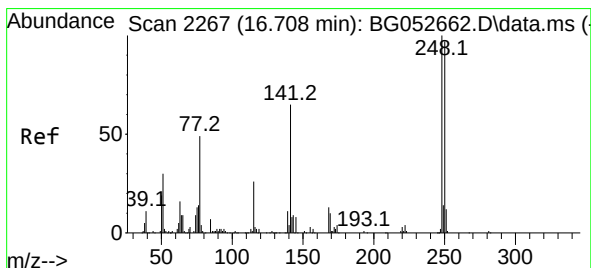
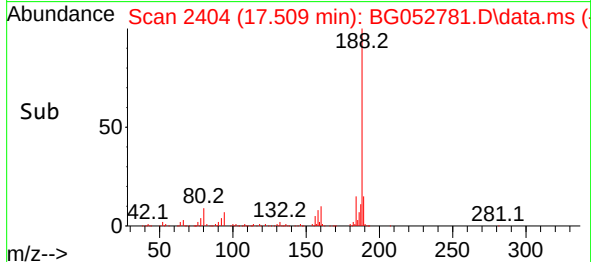
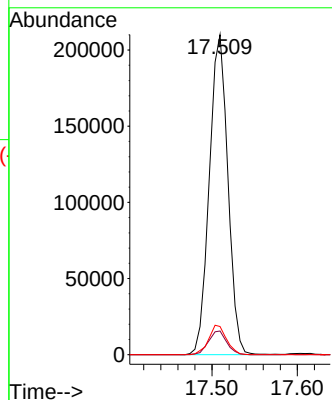
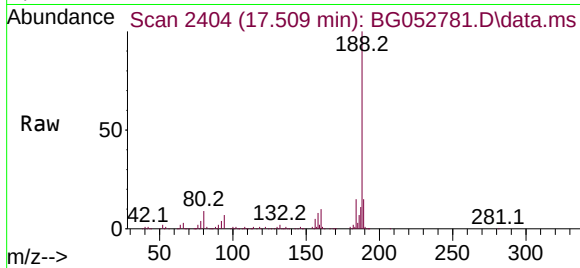




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.509 min Scan# 2405
Delta R.T. -0.009 min
Lab File: BG052781.D
Acq: 22 Mar 2022 11:55

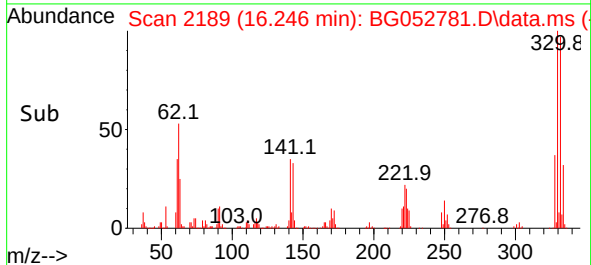
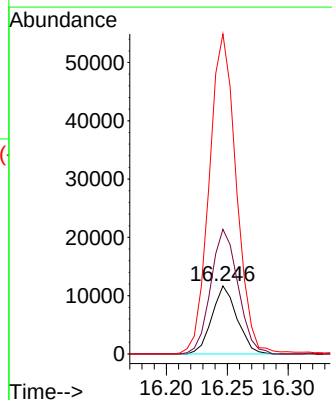
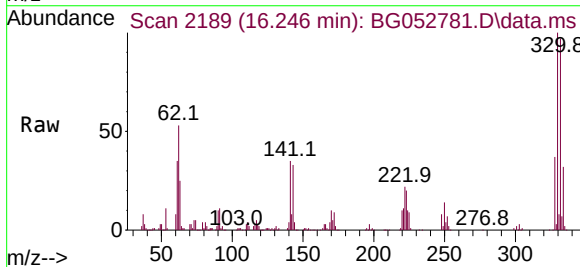
Instrument :
BNA_G
ClientSampleId :
PB143437TB

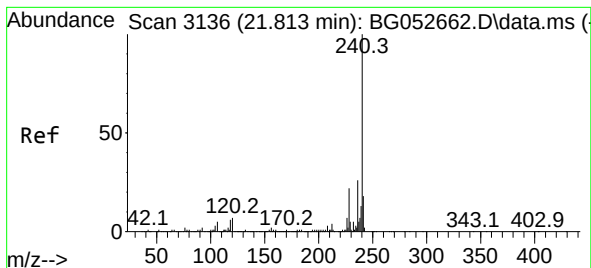
Tgt Ion:188 Resp: 317513
Ion Ratio Lower Upper
188 100
94 7.4 5.7 8.5
80 8.8 7.2 10.8



#67
4-Bromophenyl-phenylether
Concen: 4.370 ng
RT: 16.246 min Scan# 2189
Delta R.T. -0.461 min
Lab File: BG052781.D
Acq: 22 Mar 2022 11:55

Tgt Ion:248 Resp: 16729
Ion Ratio Lower Upper
248 100
250 183.1 77.9 116.9#
141 470.0 49.2 73.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.798 min Scan# 31

Delta R.T. -0.015 min

Lab File: BG052781.D

Acq: 22 Mar 2022 11:55

Instrument :

BNA_G

ClientSampleId :

PB143437TB

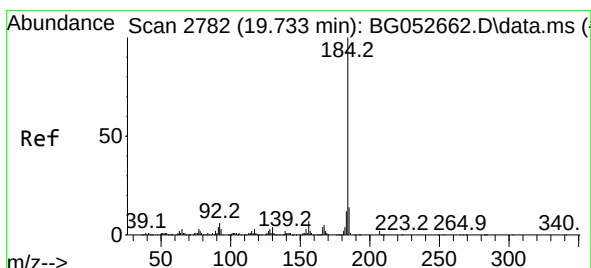
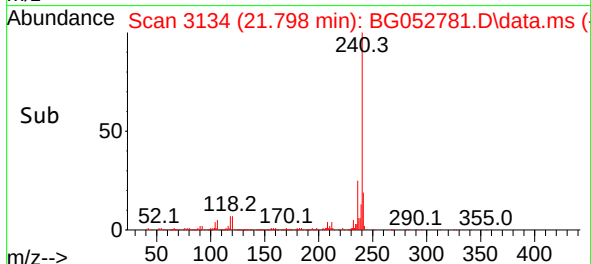
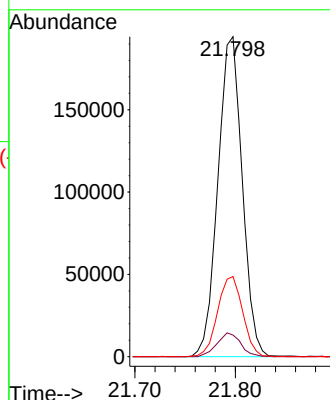
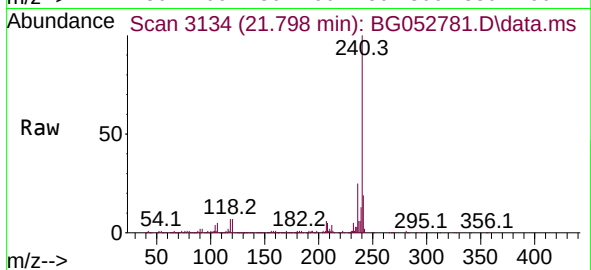
Tgt Ion:240 Resp: 327223

Ion Ratio Lower Upper

240 100

120 6.8 5.4 8.0

236 25.1 19.8 29.6



#77

Benzidine

Concen: 3.103 ng

RT: 20.112 min Scan# 2847

Delta R.T. 0.379 min

Lab File: BG052781.D

Acq: 22 Mar 2022 11:55

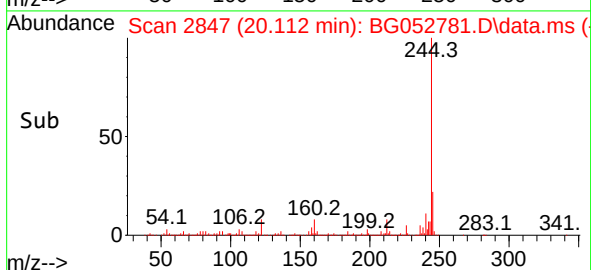
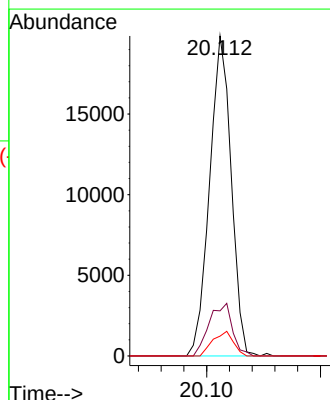
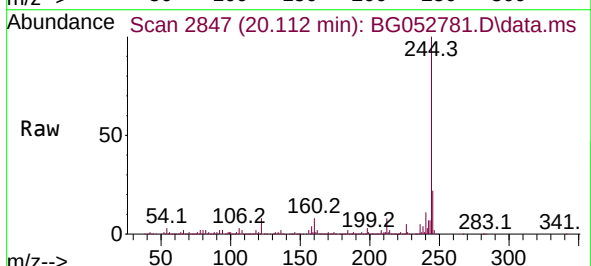
Tgt Ion:184 Resp: 26191

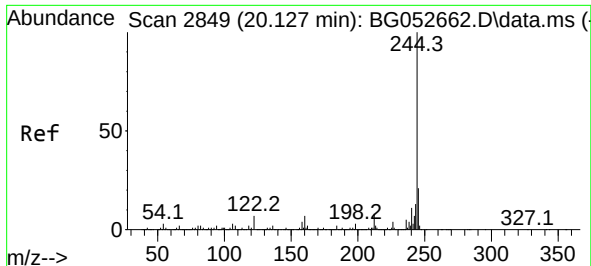
Ion Ratio Lower Upper

184 100

185 14.1 11.5 17.3

183 6.2 9.4 14.2#

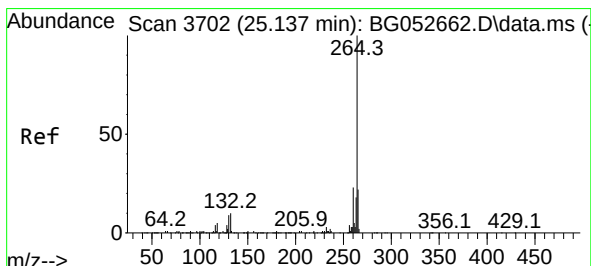
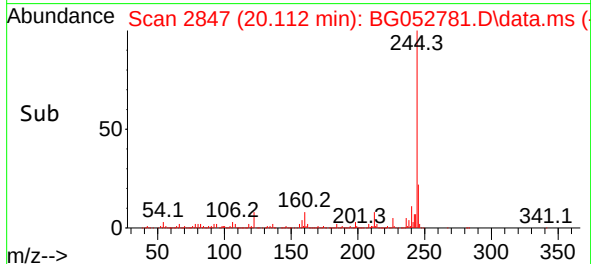
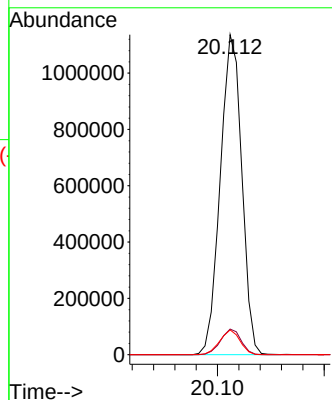
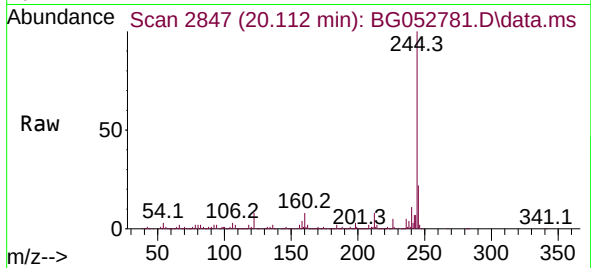




#79
 Terphenyl-d14
 Concen: 86.323 ng
 RT: 20.112 min Scan# 2847
 Delta R.T. -0.015 min
 Lab File: BG052781.D
 Acq: 22 Mar 2022 11:55

Instrument :
 BNA_G
 ClientSampleId :
 PB143437TB

Tgt Ion:244 Resp: 1587926
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.4 8.2
 122 7.7 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.111 min Scan# 3698
 Delta R.T. -0.027 min
 Lab File: BG052781.D
 Acq: 22 Mar 2022 11:55

Tgt Ion:264 Resp: 315959
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.2 27.2
 265 22.0 15.1 22.7

