

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032222\
 Data File : BG052779.D
 Acq On : 22 Mar 2022 10:35
 Operator : CG/JU
 Sample : PB143455BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB143455BL

Quant Time: Mar 22 16:36:48 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)

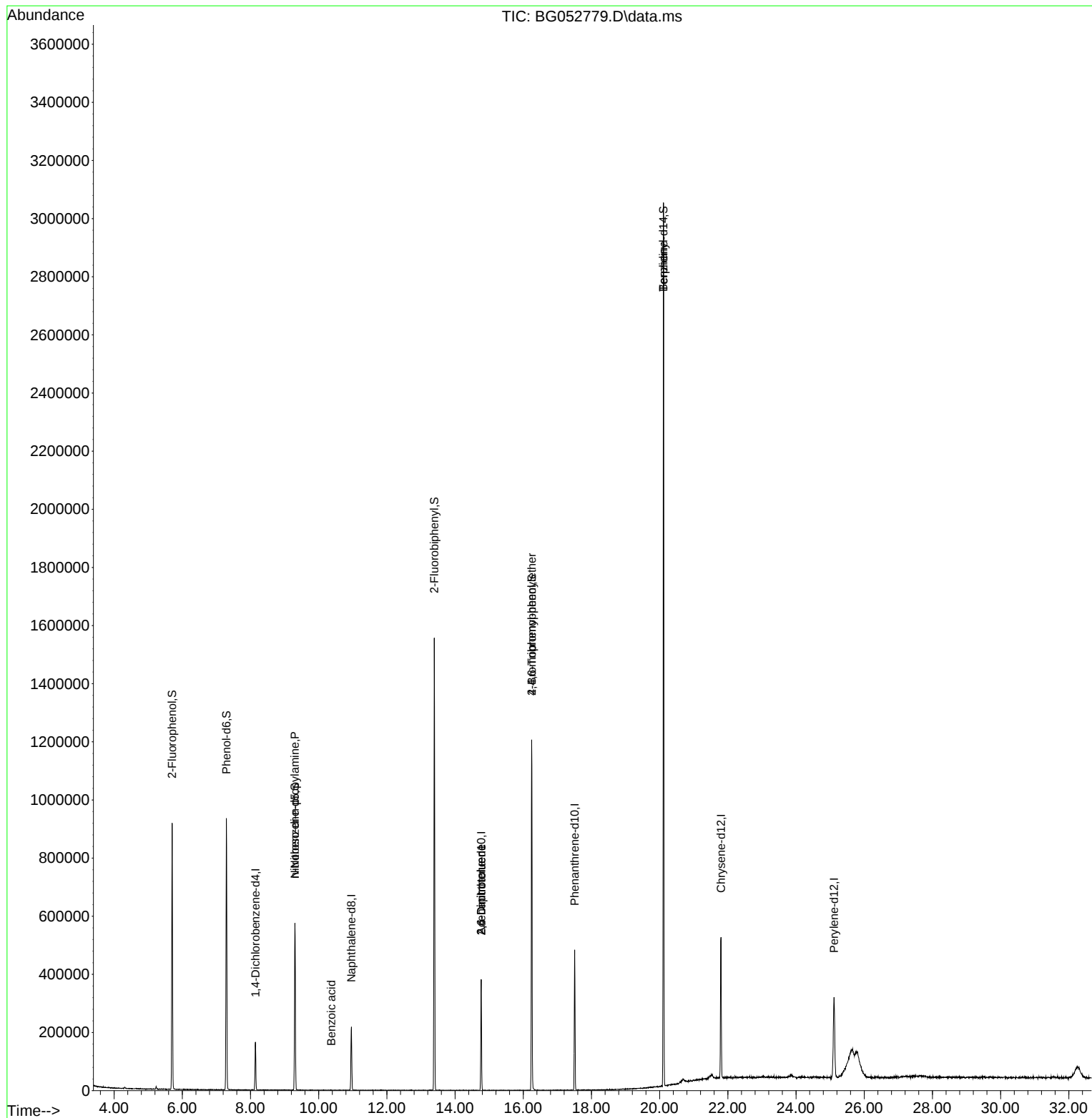
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.146	152	45274	20.000	ng	-0.01
21) Naphthalene-d8	10.960	136	182475	20.000	ng	#-0.01
39) Acenaphthene-d10	14.766	164	131338	20.000	ng	0.00
64) Phenanthrene-d10	17.510	188	304088	20.000	ng	0.00
76) Chrysene-d12	21.798	240	309232	20.000	ng	-0.01
86) Perylene-d12	25.117	264	311140	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.702	112	371763	143.003	ng	0.00
7) Phenol-d6	7.294	99	524495	133.823	ng	0.00
23) Nitrobenzene-d5	9.303	82	363135	99.881	ng	-0.01
42) 2,4,6-Tribromophenol	16.247	330	238924	135.381	ng	-0.01
45) 2-Fluorobiphenyl	13.392	172	810340	90.996	ng	-0.01
79) Terphenyl-d14	20.112	244	1519293	87.397	ng	-0.01
Target Compounds						
9) Benzaldehyde	7.288	77	1204	Below Cal	Qvalue	# 5
19) n-Nitroso-di-n-propyla...	9.303	70	49705	17.906	ng	# 80
32) Benzoic acid	10.372	122	82	5.711	ng	# 1
51) 2,6-Dinitrotoluene	14.766	165	17174	10.421	ng	# 25
57) 2,4-Dinitrotoluene	14.766	165	17174	7.510	ng	# 24
67) 4-Bromophenyl-phenylether	16.247	248	15809	4.312	ng	# 1
77) Benzidine	20.112	184	26883	3.371	ng	# 89

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

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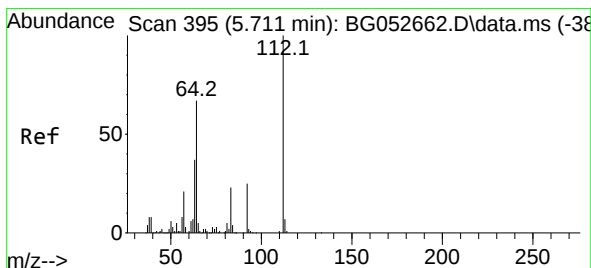
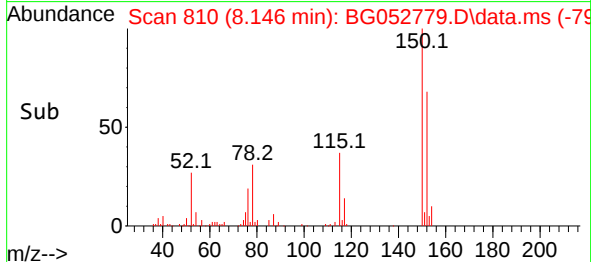
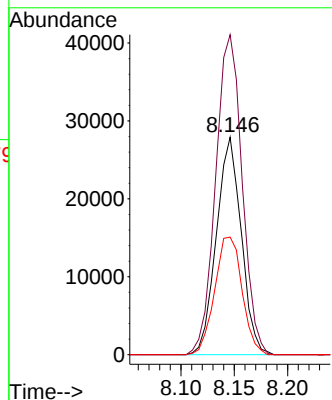
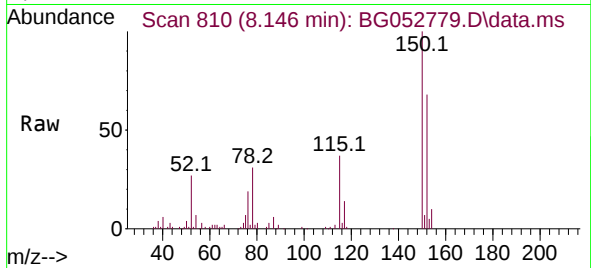




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.146 min Scan# 812
Delta R.T. -0.014 min
Lab File: BG052779.D
Acq: 22 Mar 2022 10:35

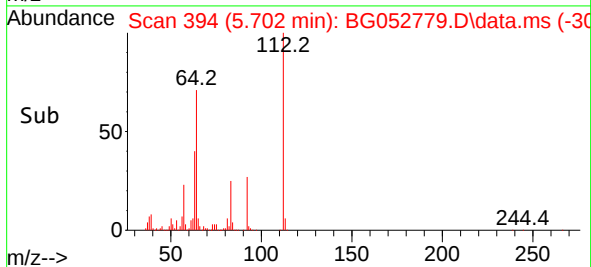
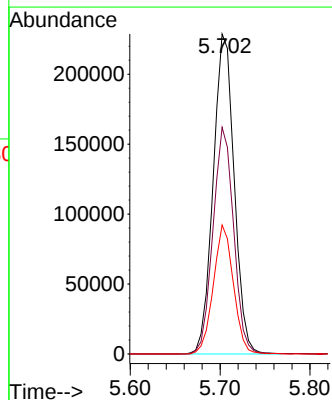
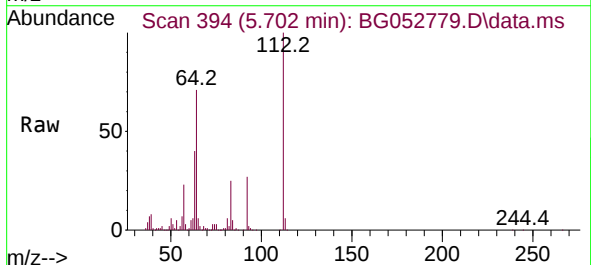
Instrument :
BNA_G
ClientSampleId :
PB143455BL

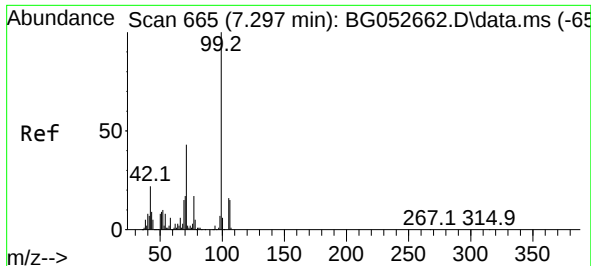
Tgt Ion:152 Resp: 45274
Ion Ratio Lower Upper
152 100
150 147.1 114.6 172.0
115 54.1 45.9 68.9



#5
2-Fluorophenol
Concen: 143.003 ng
RT: 5.702 min Scan# 394
Delta R.T. -0.009 min
Lab File: BG052779.D
Acq: 22 Mar 2022 10:35

Tgt Ion:112 Resp: 371763
Ion Ratio Lower Upper
112 100
64 70.8 48.0 72.0
63 40.3 26.5 39.7#

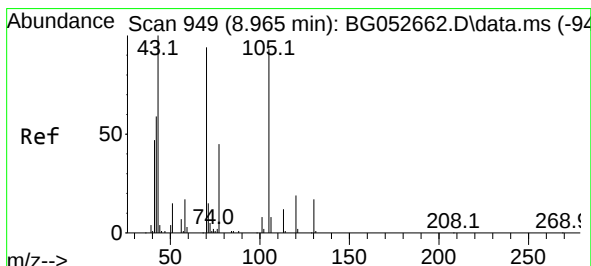
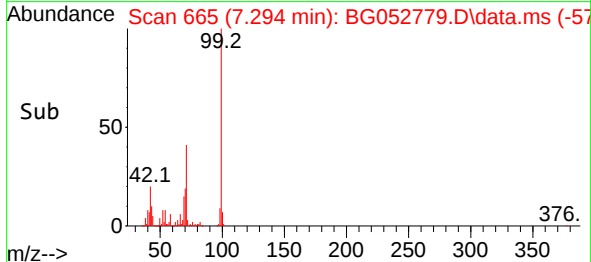
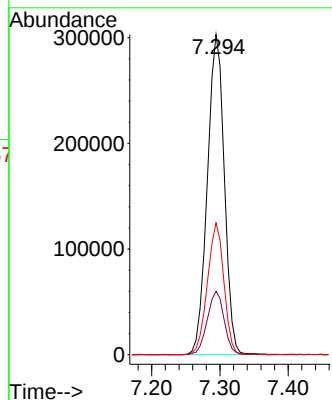
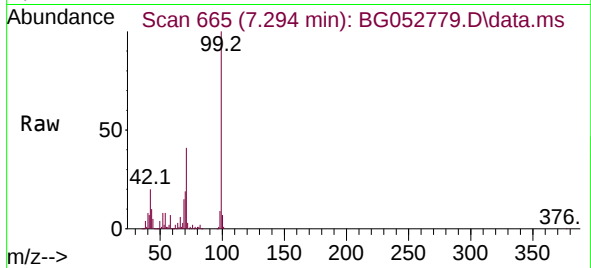




#7
Phenol-d6
Concen: 133.823 ng
RT: 7.294 min Scan# 60
Delta R.T. -0.003 min
Lab File: BG052779.D
Acq: 22 Mar 2022 10:35

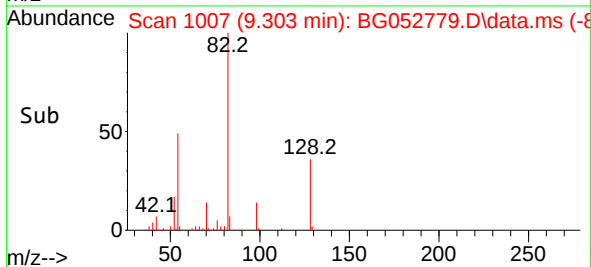
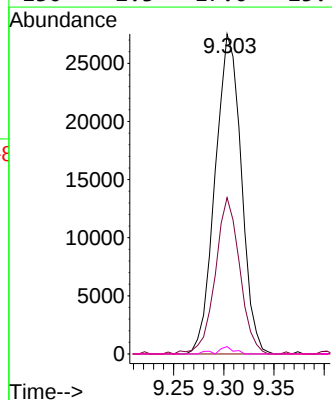
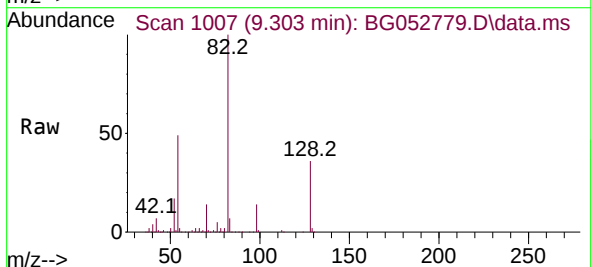
Instrument :
BNA_G
ClientSampleId :
PB143455BL

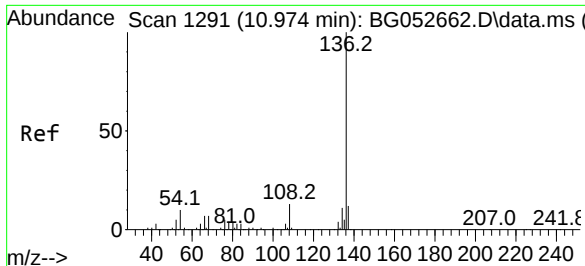
Tgt Ion: 99 Resp: 524495
Ion Ratio Lower Upper
99 100
42 19.8 14.7 22.1
71 41.2 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 17.906 ng
RT: 9.303 min Scan# 1007
Delta R.T. 0.338 min
Lab File: BG052779.D
Acq: 22 Mar 2022 10:35

Tgt Ion: 70 Resp: 49705
Ion Ratio Lower Upper
70 100
42 48.9 46.0 69.0
101 0.0 6.2 9.4#
130 2.3 17.0 25.4#

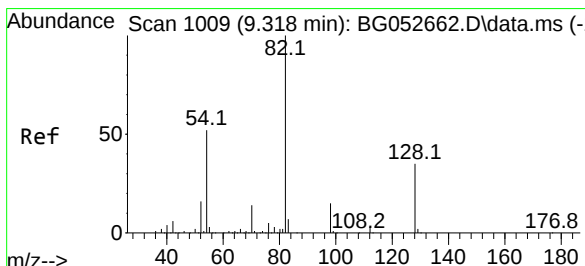
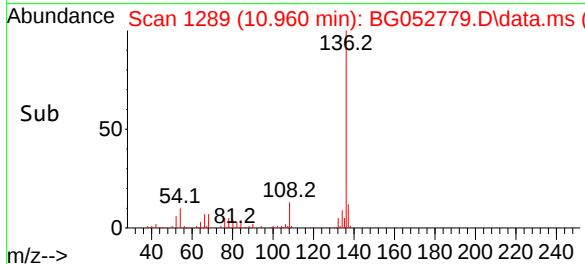
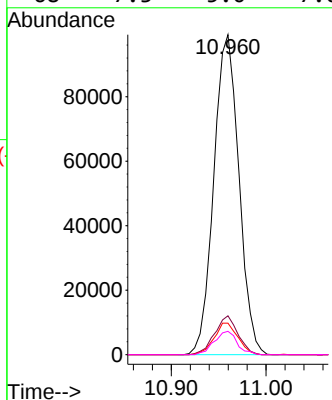
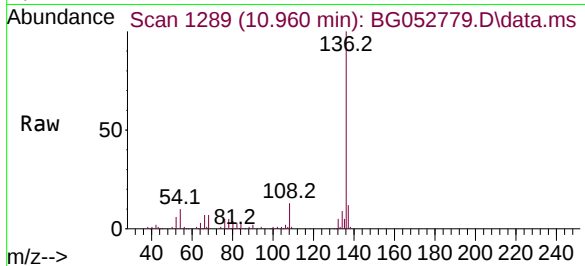




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.960 min Scan# 11
Delta R.T. -0.014 min
Lab File: BG052779.D
Acq: 22 Mar 2022 10:35

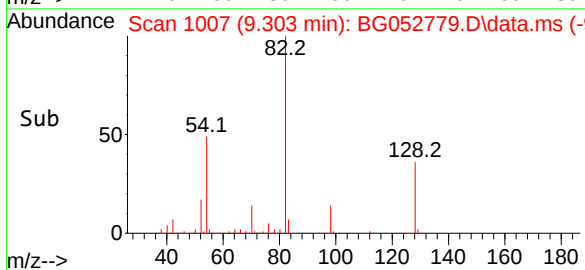
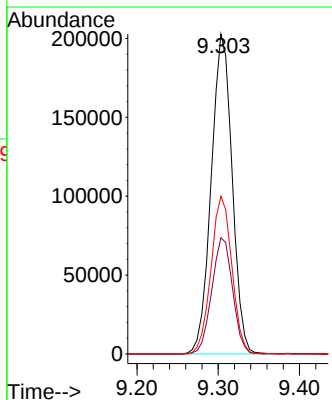
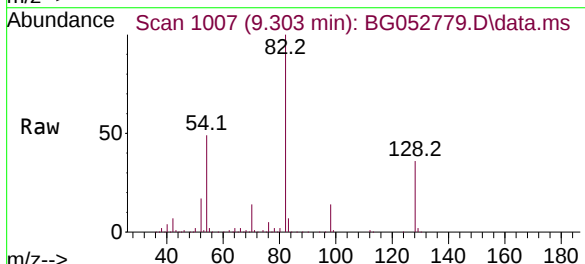
Instrument :
BNA_G
ClientSampleId :
PB143455BL

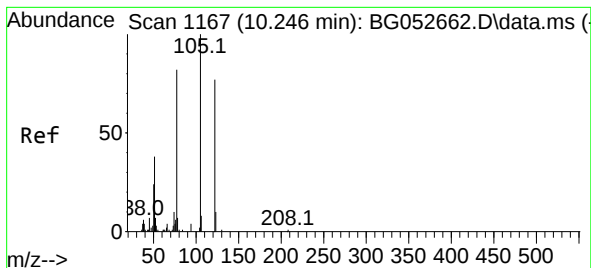
Tgt Ion:136 Resp: 182475
Ion Ratio Lower Upper
136 100
137 12.1 9.4 14.2
54 9.9 6.4 9.6#
68 7.3 5.0 7.6



#23
Nitrobenzene-d5
Concen: 99.881 ng
RT: 9.303 min Scan# 1007
Delta R.T. -0.014 min
Lab File: BG052779.D
Acq: 22 Mar 2022 10:35

Tgt Ion: 82 Resp: 363135
Ion Ratio Lower Upper
82 100
128 36.3 31.3 46.9
54 49.2 37.8 56.8





#32

Benzoic acid

Concen: 5.711 ng

RT: 10.372 min Scan# 1167

Delta R.T. 0.126 min

Lab File: BG052779.D

Acq: 22 Mar 2022 10:35

Instrument :

BNA_G

ClientSampleId :

PB143455BL

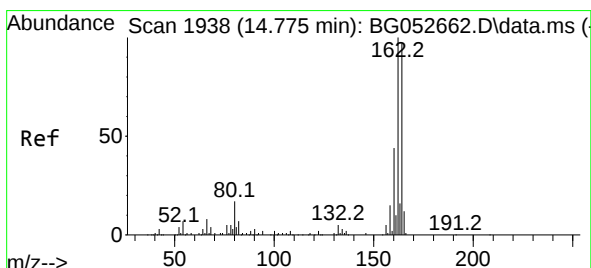
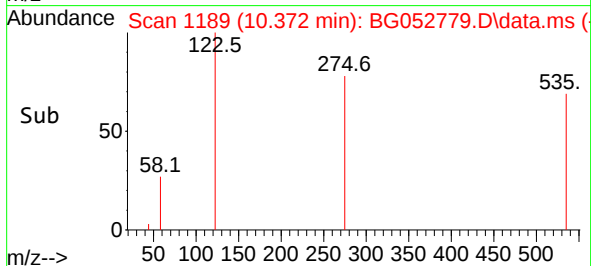
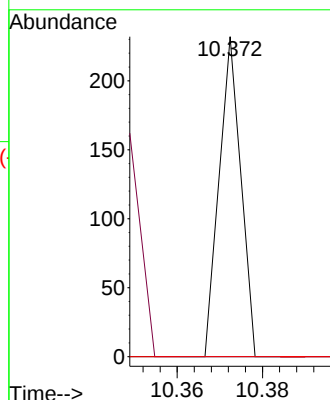
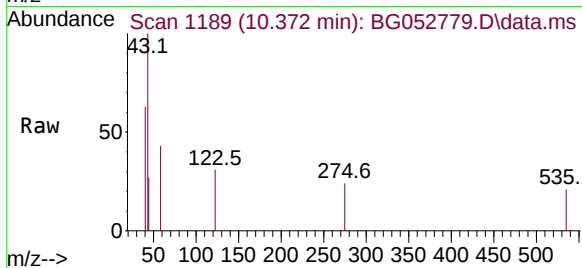
Tgt Ion:122 Resp: 82

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: BG052779.D

Acq: 22 Mar 2022 10:35

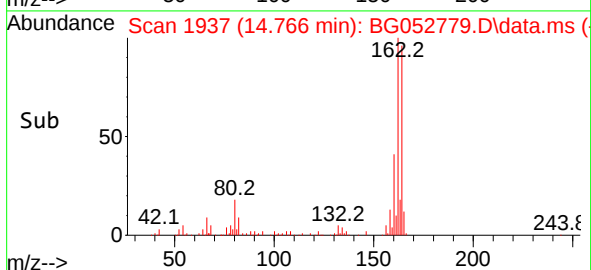
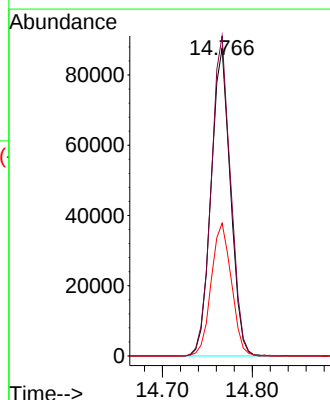
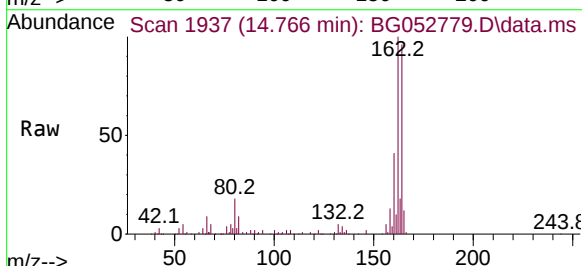
Tgt Ion:164 Resp: 131338

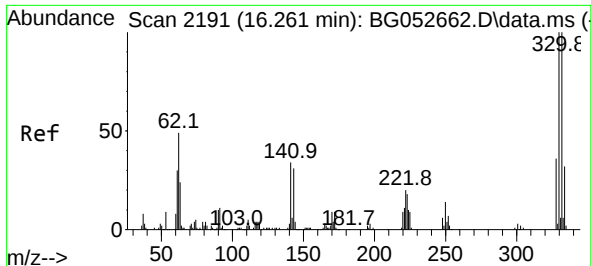
Ion Ratio Lower Upper

164 100

162 103.9 80.0 120.0

160 43.1 38.8 58.2

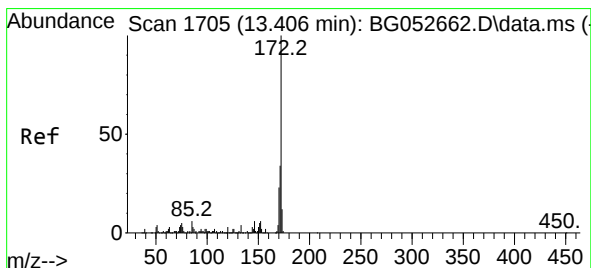
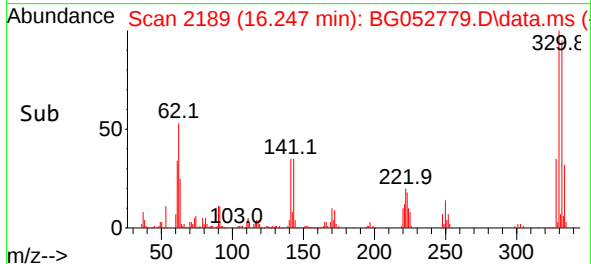
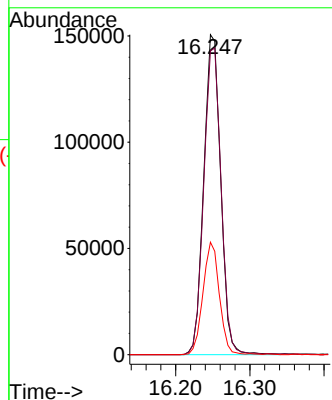
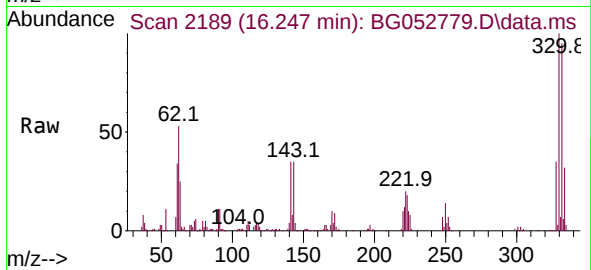




#42
2,4,6-Tribromophenol
Concen: 135.381 ng
RT: 16.247 min Scan# 2191
Delta R.T. -0.015 min
Lab File: BG052779.D
Acq: 22 Mar 2022 10:35

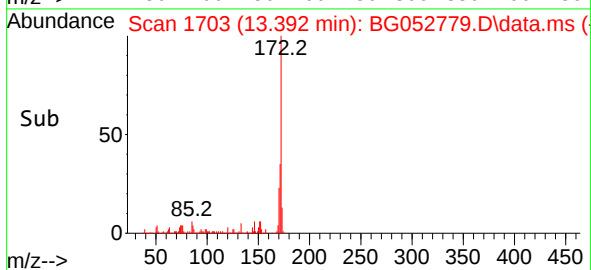
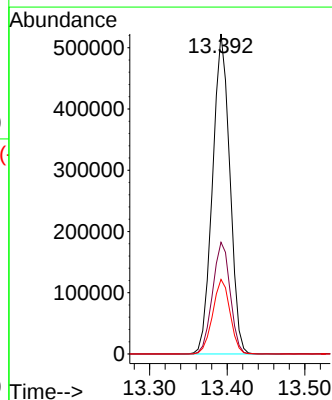
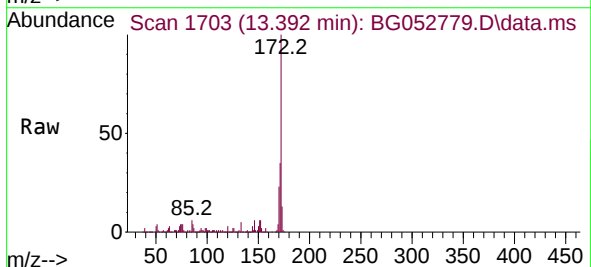
Instrument :
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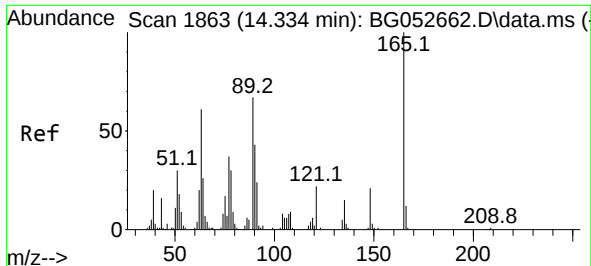
Tgt Ion:330 Resp: 238924
Ion Ratio Lower Upper
330 100
332 98.0 75.8 113.6
141 34.1 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 90.996 ng
RT: 13.392 min Scan# 1703
Delta R.T. -0.015 min
Lab File: BG052779.D
Acq: 22 Mar 2022 10:35

Tgt Ion:172 Resp: 810340
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 23.3 18.0 27.0

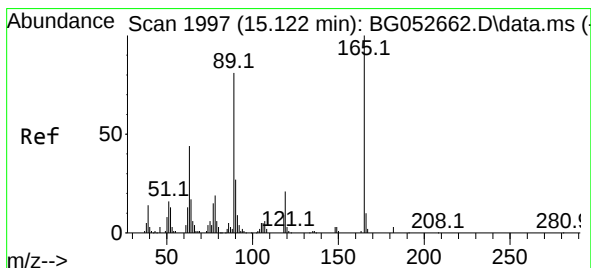
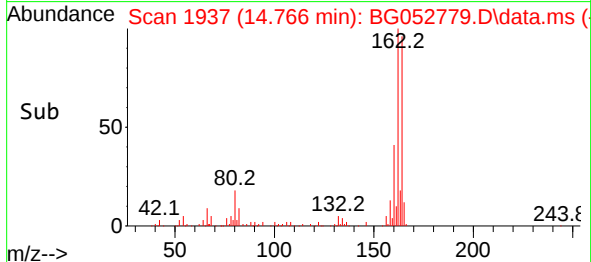
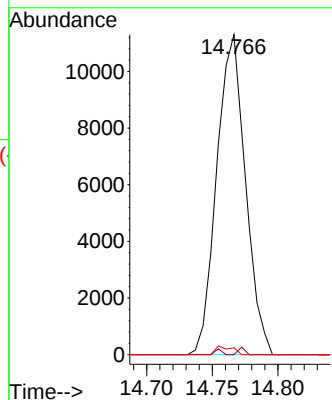
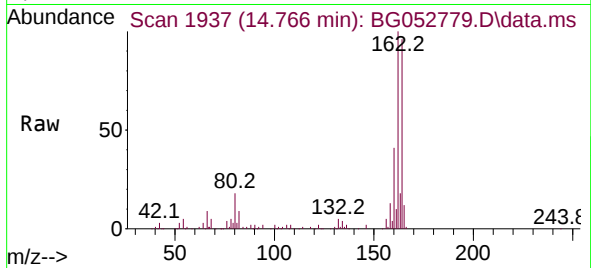




#51
2,6-Dinitrotoluene
Concen: 10.421 ng
RT: 14.766 min Scan# 1937
Delta R.T. 0.432 min
Lab File: BG052779.D
Acq: 22 Mar 2022 10:35

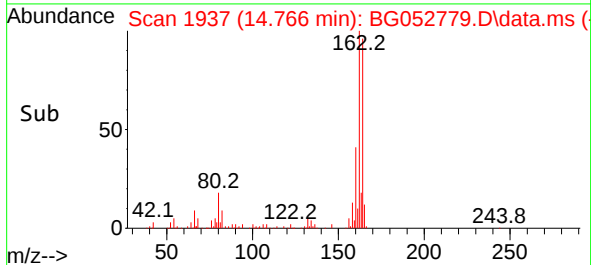
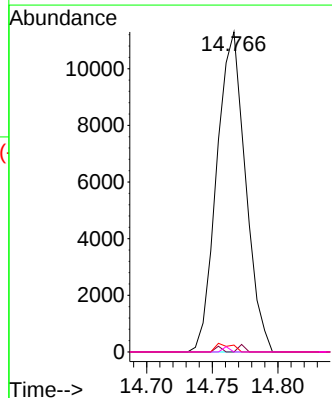
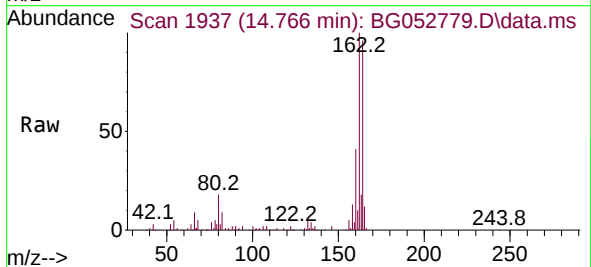
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ClientSampleId :
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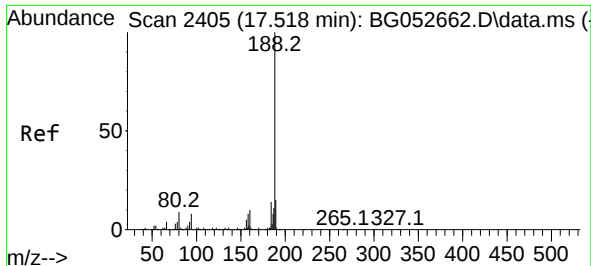
Tgt Ion:165 Resp: 17174
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 2.1 45.0 67.4#



#57
2,4-Dinitrotoluene
Concen: 7.510 ng
RT: 14.766 min Scan# 1937
Delta R.T. -0.355 min
Lab File: BG052779.D
Acq: 22 Mar 2022 10:35

Tgt Ion:165 Resp: 17174
Ion Ratio Lower Upper
165 100
63 0.0 34.8 52.2#
89 2.1 57.4 86.0#
182 0.0 2.1 3.1#

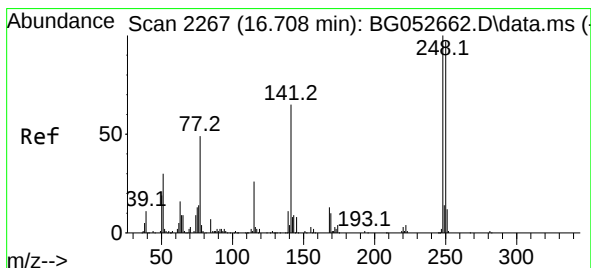
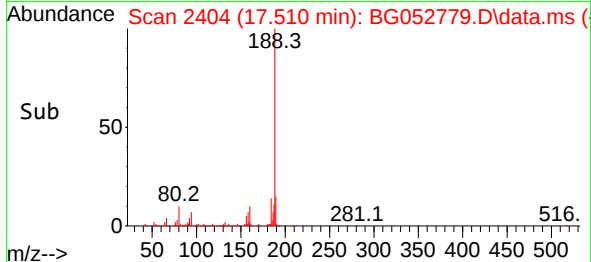
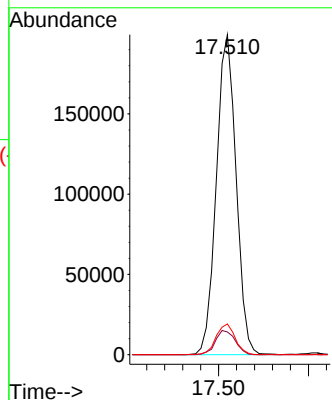
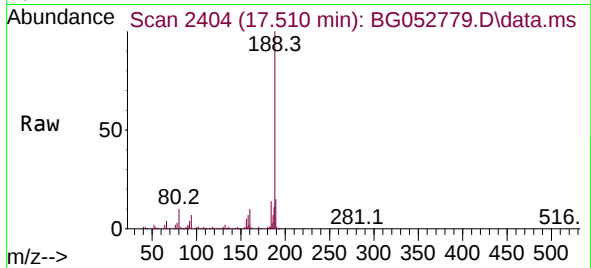




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.510 min Scan# 2405
Delta R.T. -0.009 min
Lab File: BG052779.D
Acq: 22 Mar 2022 10:35

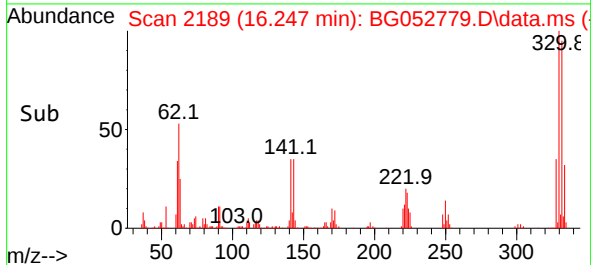
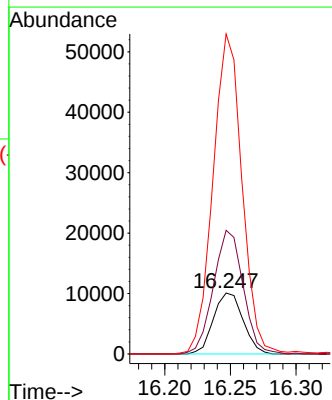
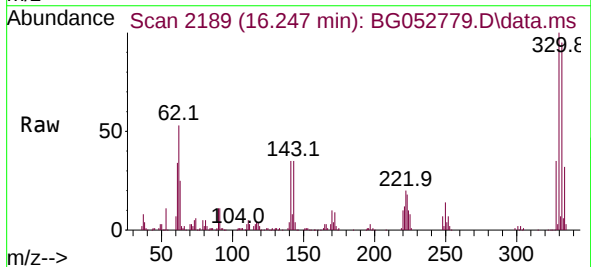
Instrument :
BNA_G
ClientSampleId :
PB143455BL

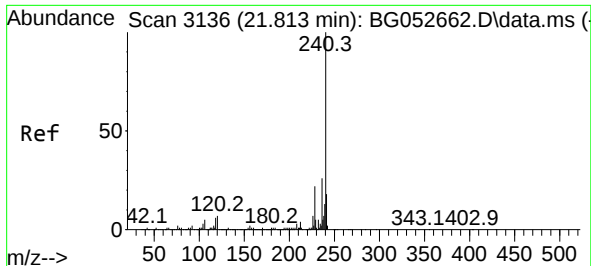
Tgt Ion:188 Resp: 304088
Ion Ratio Lower Upper
188 100
94 7.1 5.7 8.5
80 9.6 7.2 10.8



#67
4-Bromophenyl-phenylether
Concen: 4.312 ng
RT: 16.247 min Scan# 2189
Delta R.T. -0.461 min
Lab File: BG052779.D
Acq: 22 Mar 2022 10:35

Tgt Ion:248 Resp: 15809
Ion Ratio Lower Upper
248 100
250 203.2 77.9 116.9#
141 525.5 49.2 73.8#

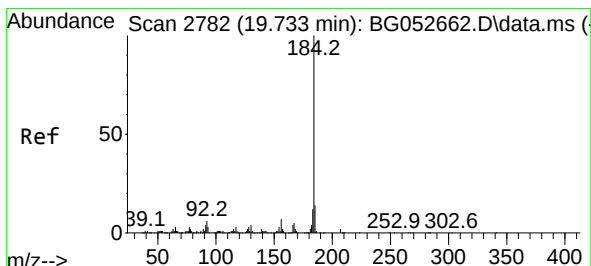
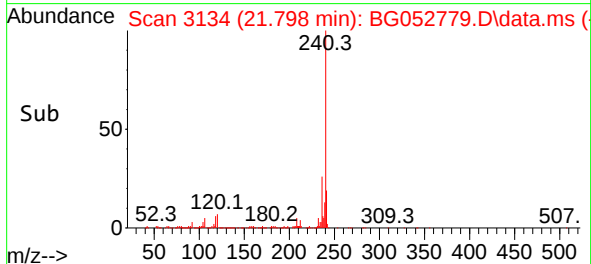
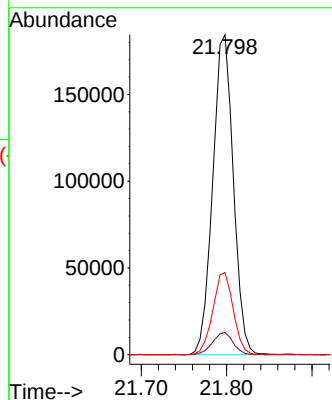
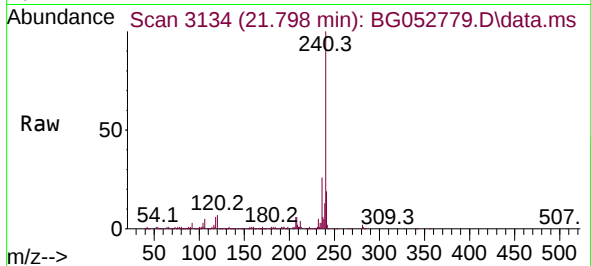




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.798 min Scan# 3136
Delta R.T. -0.014 min
Lab File: BG052779.D
Acq: 22 Mar 2022 10:35

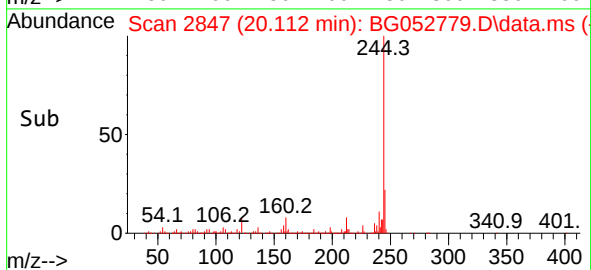
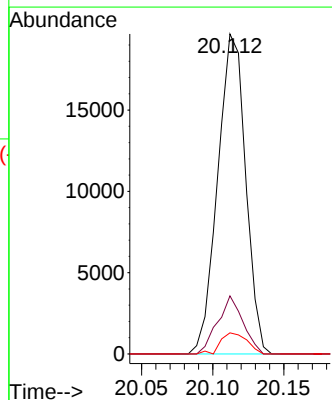
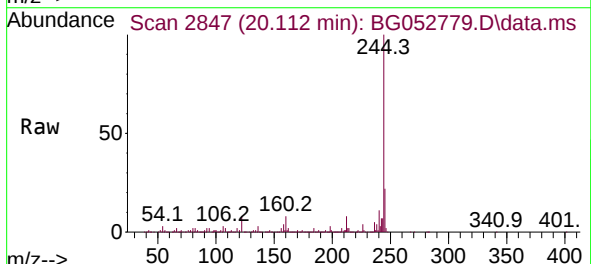
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BNA_G
ClientSampleId :
PB143455BL

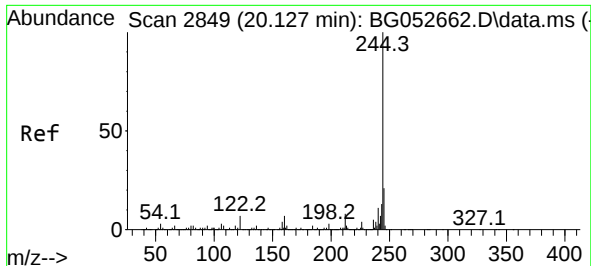
Tgt Ion:240 Resp: 309232
Ion Ratio Lower Upper
240 100
120 7.0 5.4 8.0
236 25.7 19.8 29.6



#77
Benzidine
Concen: 3.371 ng
RT: 20.112 min Scan# 2847
Delta R.T. 0.379 min
Lab File: BG052779.D
Acq: 22 Mar 2022 10:35

Tgt Ion:184 Resp: 26883
Ion Ratio Lower Upper
184 100
185 18.1 11.5 17.3#
183 6.6 9.4 14.2#

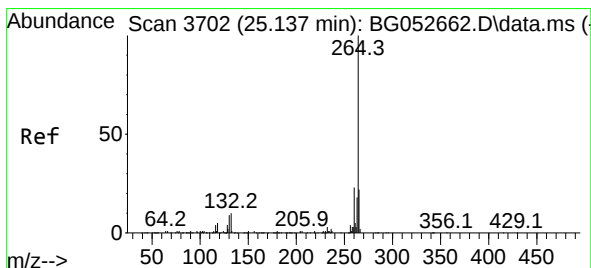
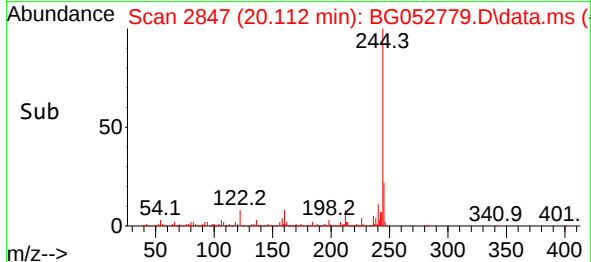
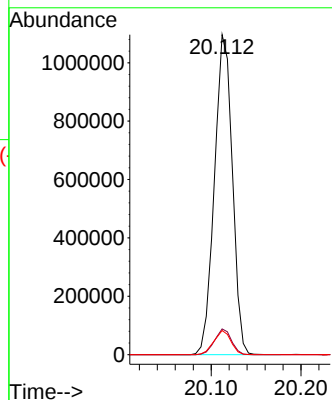
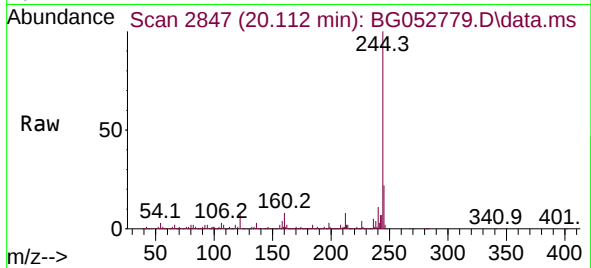




#79
 Terphenyl-d14
 Concen: 87.397 ng
 RT: 20.112 min Scan# 21
 Delta R.T. -0.015 min
 Lab File: BG052779.D
 Acq: 22 Mar 2022 10:35

Instrument :
 BNA_G
 ClientSampleId :
 PB143455BL

Tgt Ion:244 Resp: 1519293
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.4 8.2
 122 7.5 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.117 min Scan# 3699
 Delta R.T. -0.020 min
 Lab File: BG052779.D
 Acq: 22 Mar 2022 10:35

Tgt Ion:264 Resp: 311140
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.2 27.2
 265 21.5 15.1 22.7

