

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040422\
 Data File : BG053009.D
 Acq On : 4 Apr 2022 15:50
 Operator : CG/JU
 Sample : N2229-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AQUEOUS-DRUM

Quant Time: Apr 05 01:06:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 16:48:57 2022
 Response via : Initial Calibration

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

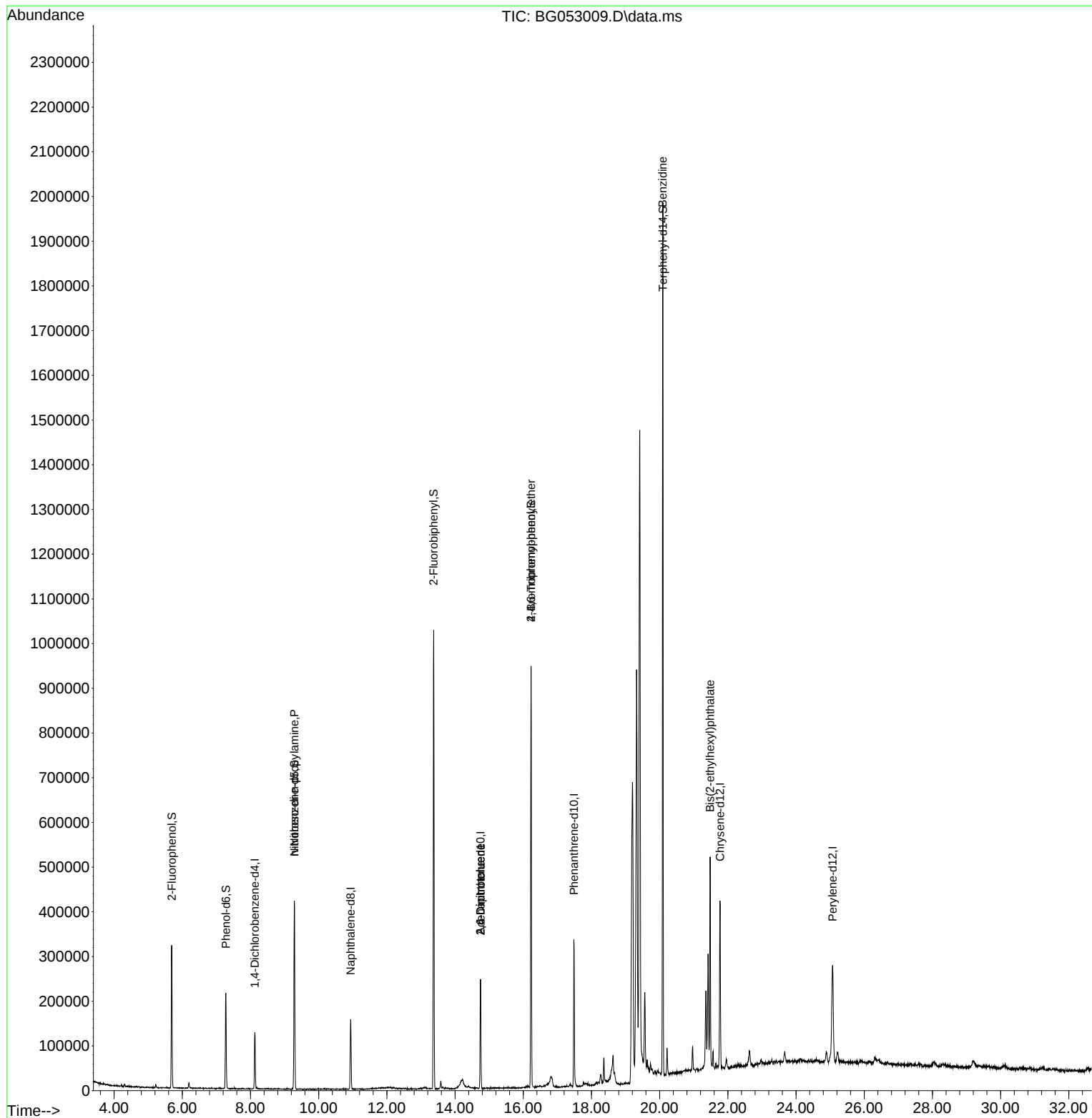
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.129	152	34190	20.000	ng	-0.02
21) Naphthalene-d8	10.937	136	128122	20.000	ng	#-0.02
39) Acenaphthene-d10	14.749	164	87671	20.000	ng	-0.02
64) Phenanthrene-d10	17.487	188	203281	20.000	ng	-0.02
76) Chrysene-d12	21.775	240	229747	20.000	ng	-0.02
86) Perylene-d12	25.071	264	254470	20.000	ng	#-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.691	112	128199	65.300	ng	0.00
7) Phenol-d6	7.277	99	114738	38.766	ng	-0.01
23) Nitrobenzene-d5	9.286	82	265234	103.902	ng	-0.02
42) 2,4,6-Tribromophenol	16.230	330	175700	149.143	ng	-0.02
45) 2-Fluorobiphenyl	13.375	172	530198	89.193	ng	-0.02
79) Terphenyl-d14	20.095	244	979757	75.859	ng	-0.02
Target Compounds						
						Qvalue
9) Benzaldehyde	7.277	77	73	Below Cal	#	5
19) n-Nitroso-di-n-propyla...	9.286	70	38132	18.190	ng	# 81
51) 2,6-Dinitrotoluene	14.749	165	11207	10.187	ng	# 26
57) 2,4-Dinitrotoluene	14.749	165	11207	7.342	ng	# 25
67) 4-Bromophenyl-phenylether	16.230	248	11124	4.539	ng	# 1
77) Benzidine	20.089	184	18443	3.112	ng	# 79
84) Bis(2-ethylhexyl)phtha...	21.481	149	187341	24.368	ng	# 54

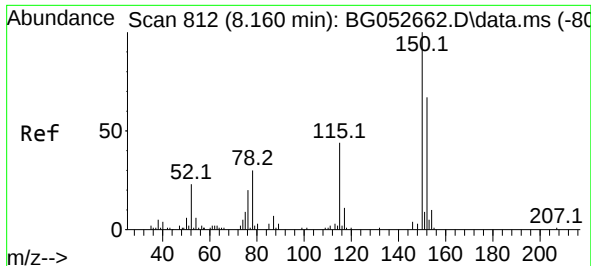
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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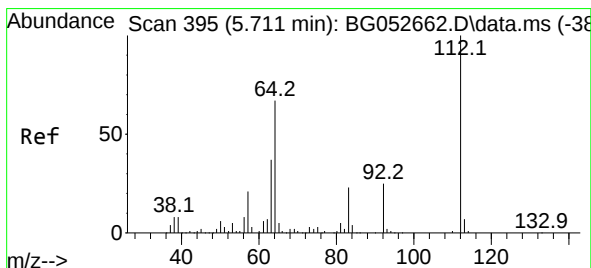
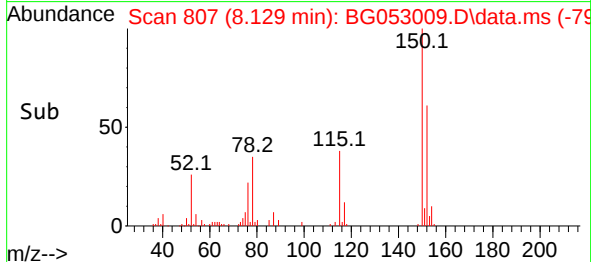
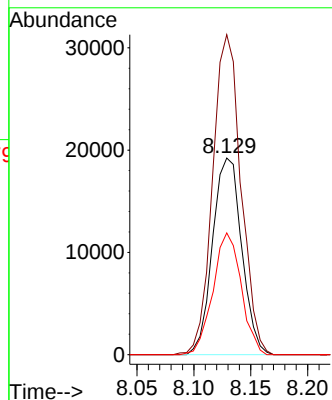
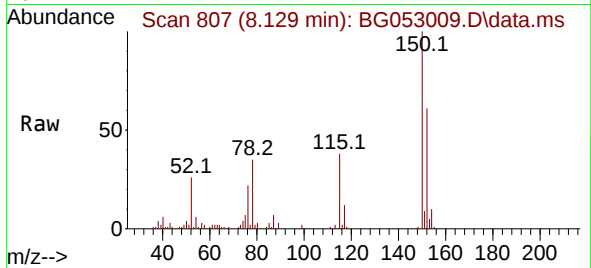




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.129 min Scan# 80
Delta R.T. -0.017 min
Lab File: BG053009.D
Acq: 4 Apr 2022 15:50

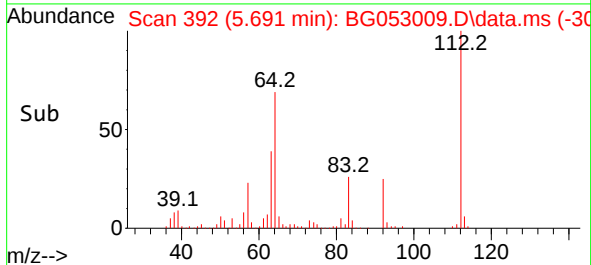
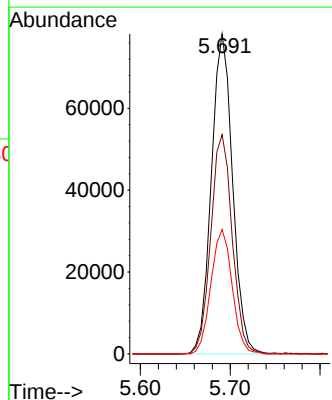
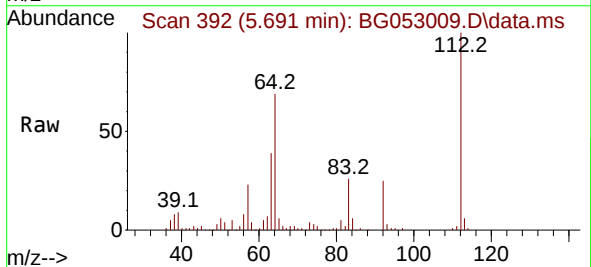
Instrument :
BNA_G
ClientSampleId :
AQUEOUS-DRUM

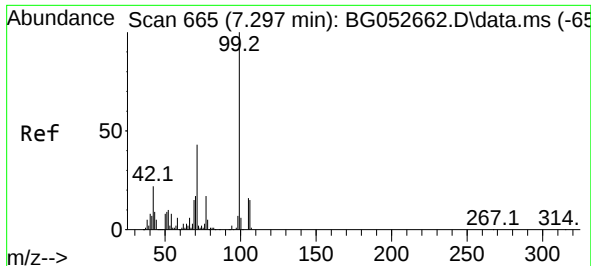
Tgt Ion:152 Resp: 34190
Ion Ratio Lower Upper
152 100
150 162.7 114.6 172.0
115 61.9 45.9 68.9



#5
2-Fluorophenol
Concen: 65.300 ng
RT: 5.691 min Scan# 392
Delta R.T. -0.006 min
Lab File: BG053009.D
Acq: 4 Apr 2022 15:50

Tgt Ion:112 Resp: 128199
Ion Ratio Lower Upper
112 100
64 68.6 48.0 72.0
63 38.9 26.5 39.7

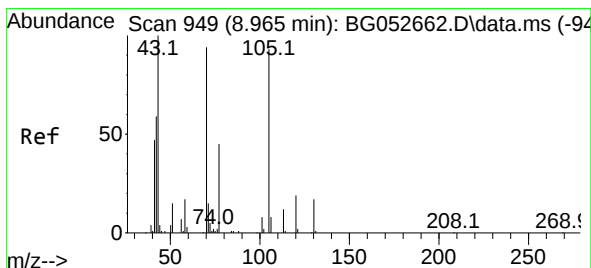
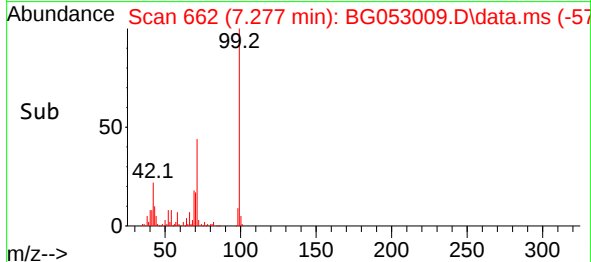
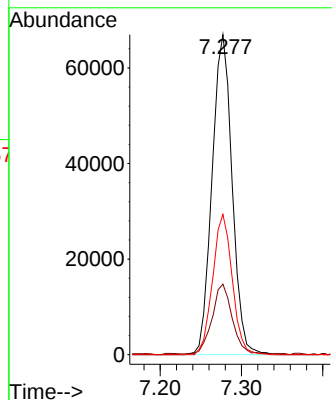
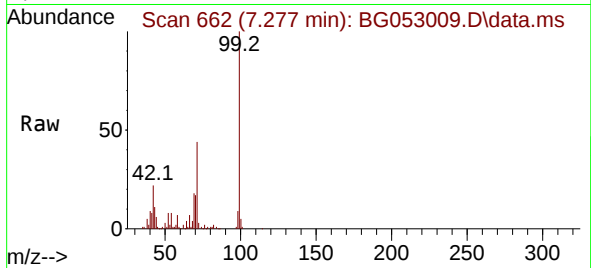




#7
Phenol-d6
Concen: 38.766 ng
RT: 7.277 min Scan# 61
Delta R.T. -0.011 min
Lab File: BG053009.D
Acq: 4 Apr 2022 15:50

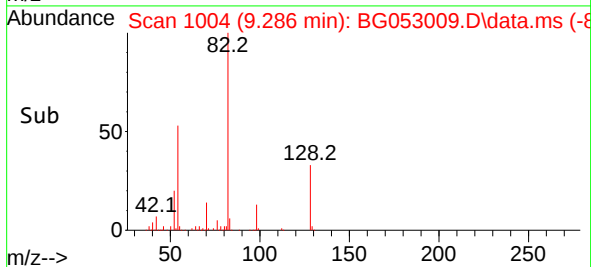
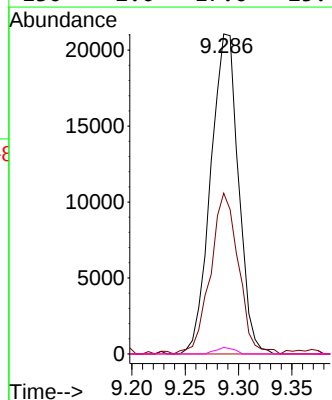
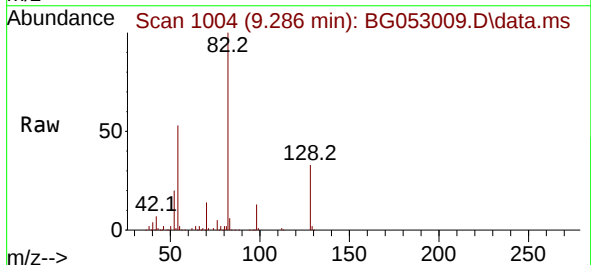
Instrument :
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ClientSampleId :
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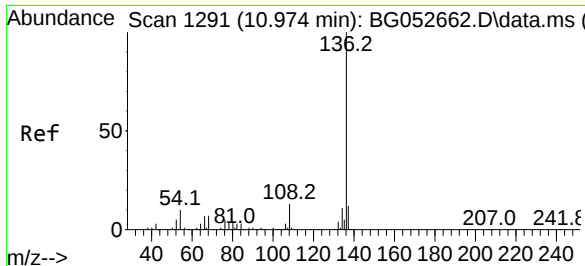
Tgt Ion: 99 Resp: 114738
Ion Ratio Lower Upper
99 100
42 22.1 14.7 22.1
71 43.9 29.2 43.8#



#19
n-Nitroso-di-n-propylamine
Concen: 18.190 ng
RT: 9.286 min Scan# 1004
Delta R.T. 0.341 min
Lab File: BG053009.D
Acq: 4 Apr 2022 15:50

Tgt Ion: 70 Resp: 38132
Ion Ratio Lower Upper
70 100
42 50.3 46.0 69.0
101 0.0 6.2 9.4#
130 2.0 17.0 25.4#

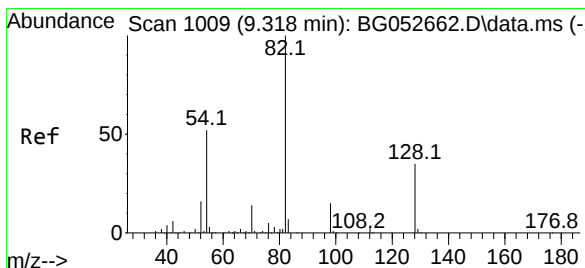
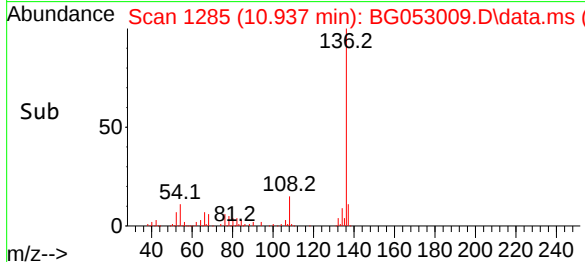
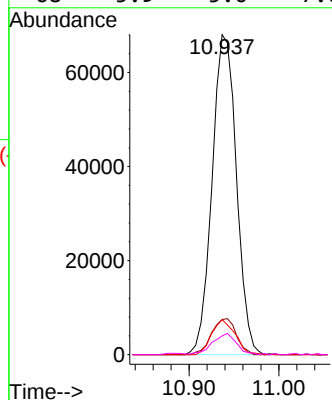
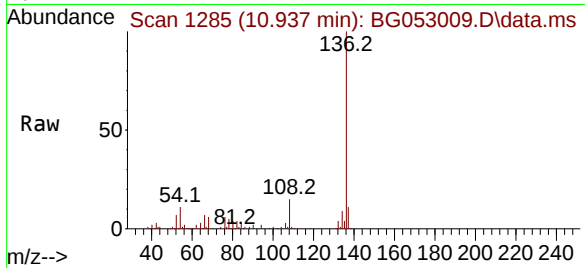




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.937 min Scan# 11
Delta R.T. -0.023 min
Lab File: BG053009.D
Acq: 4 Apr 2022 15:50

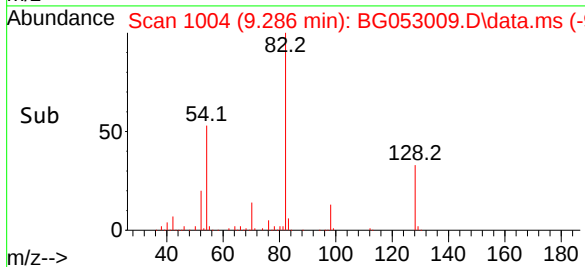
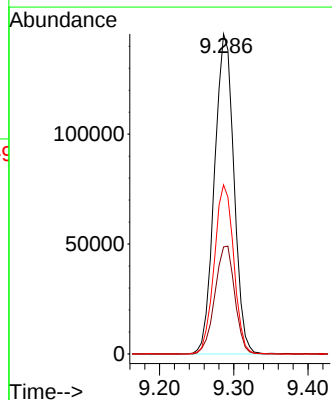
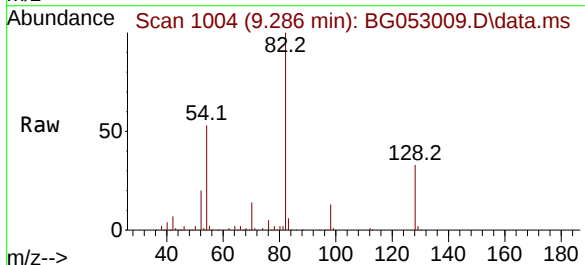
Instrument :
BNA_G
ClientSampleId :
AQUEOUS-DRUM

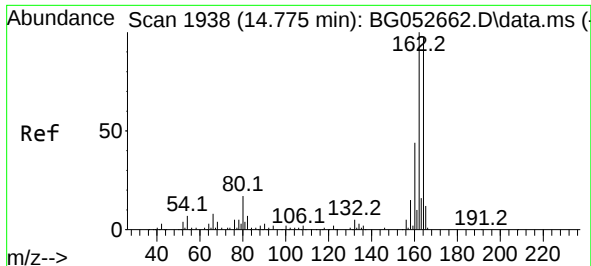
Tgt Ion:136 Resp: 128122
Ion Ratio Lower Upper
136 100
137 11.0 9.4 14.2
54 11.0 6.4 9.6#
68 5.9 5.0 7.6



#23
Nitrobenzene-d5
Concen: 103.902 ng
RT: 9.286 min Scan# 1004
Delta R.T. -0.017 min
Lab File: BG053009.D
Acq: 4 Apr 2022 15:50

Tgt Ion: 82 Resp: 265234
Ion Ratio Lower Upper
82 100
128 33.5 31.3 46.9
54 52.9 37.8 56.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.749 min Scan# 1934

Delta R.T. -0.017 min

Lab File: BG053009.D

Acq: 4 Apr 2022 15:50

Instrument :

BNA_G

ClientSampleId :

AQUEOUS-DRUM

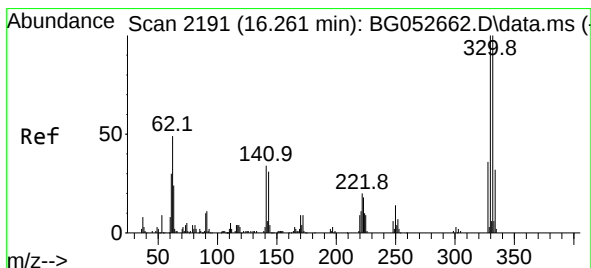
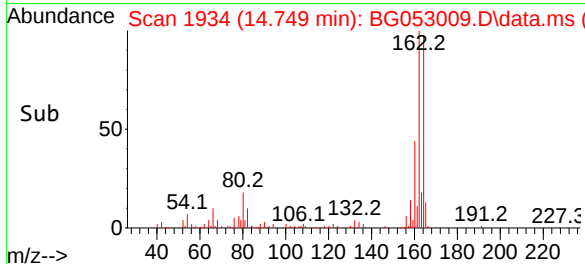
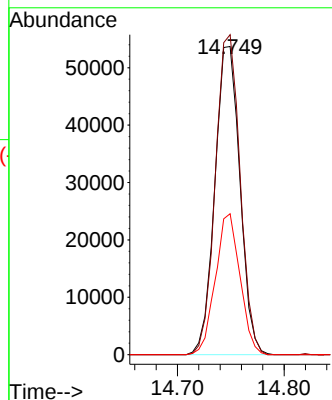
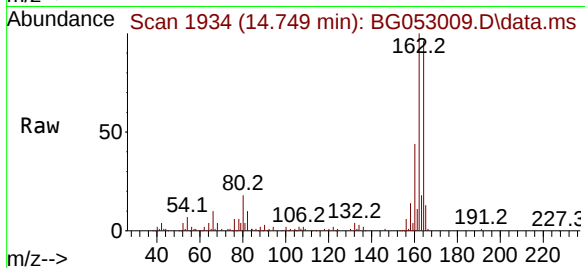
Tgt Ion:164 Resp: 87671

Ion Ratio Lower Upper

164 100

162 103.9 80.0 120.0

160 45.8 38.8 58.2



#42

2,4,6-Tribromophenol

Concen: 149.143 ng

RT: 16.230 min Scan# 2186

Delta R.T. -0.017 min

Lab File: BG053009.D

Acq: 4 Apr 2022 15:50

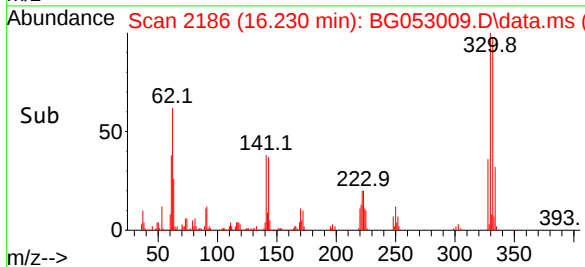
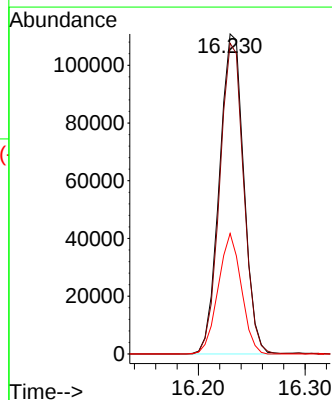
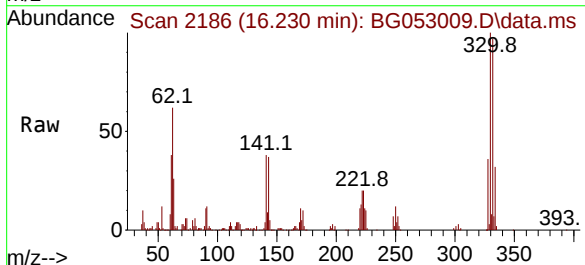
Tgt Ion:330 Resp: 175700

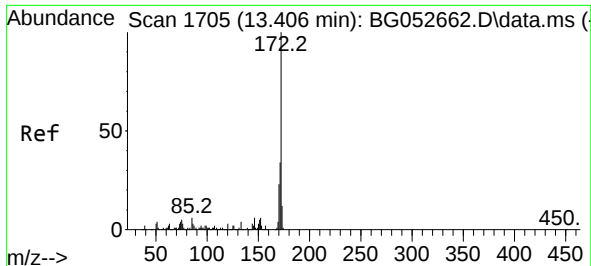
Ion Ratio Lower Upper

330 100

332 95.5 75.8 113.6

141 35.7 24.6 36.8

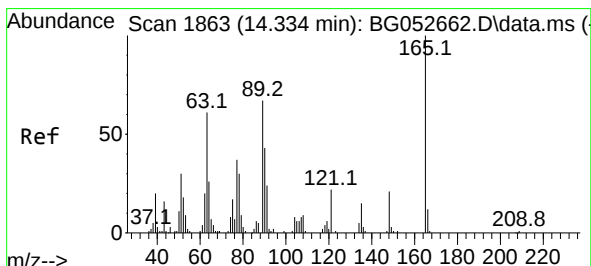
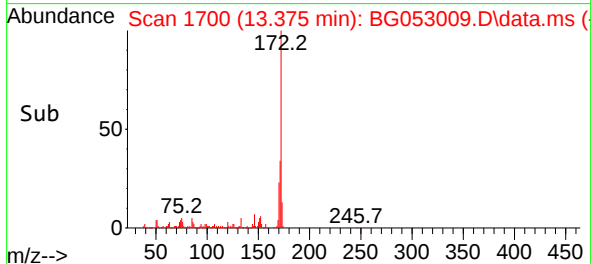
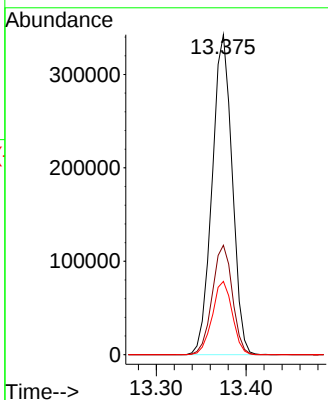
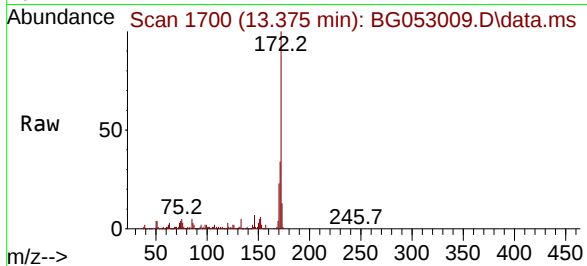




#45
2-Fluorobiphenyl
Concen: 89.193 ng
RT: 13.375 min Scan# 1
Delta R.T. -0.017 min
Lab File: BG053009.D
Acq: 4 Apr 2022 15:50

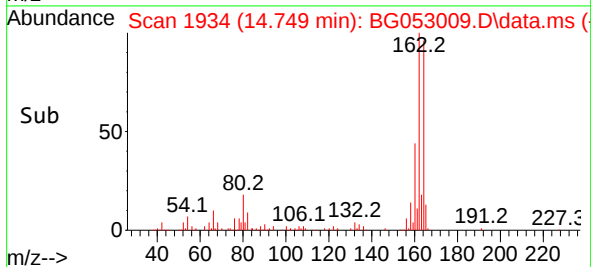
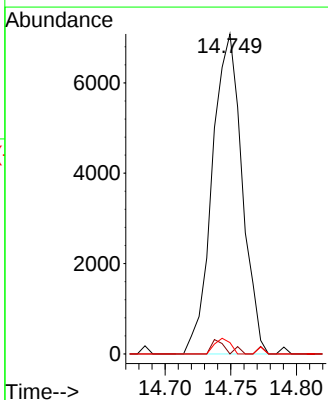
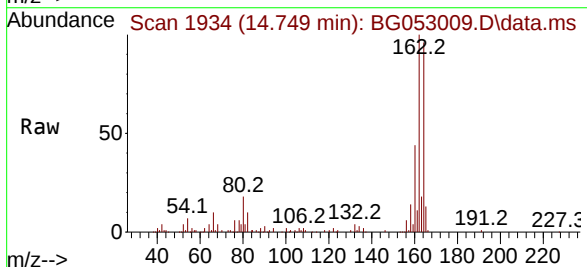
Instrument :
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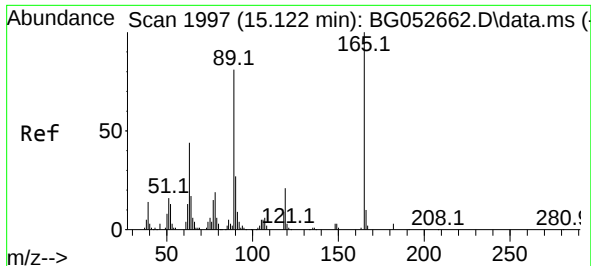
Tgt Ion:172 Resp: 530198
Ion Ratio Lower Upper
172 100
171 34.2 28.3 42.5
170 22.9 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 10.187 ng
RT: 14.749 min Scan# 1934
Delta R.T. 0.423 min
Lab File: BG053009.D
Acq: 4 Apr 2022 15:50

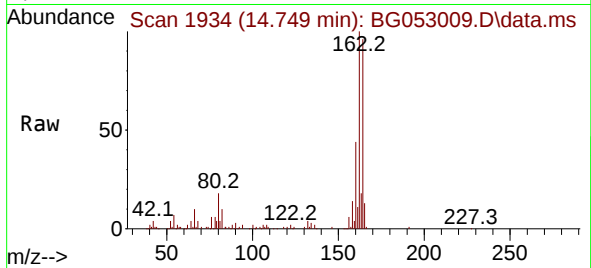
Tgt Ion:165 Resp: 11207
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 3.6 45.0 67.4#



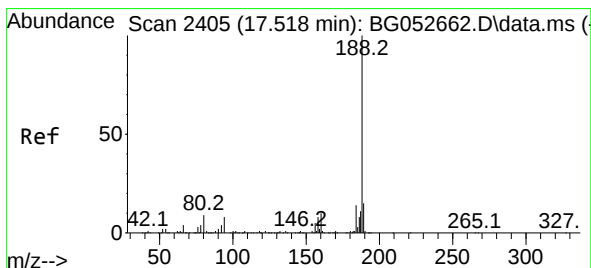
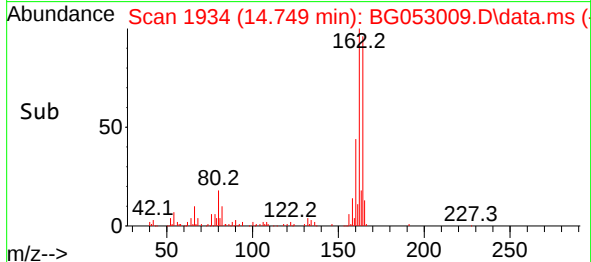
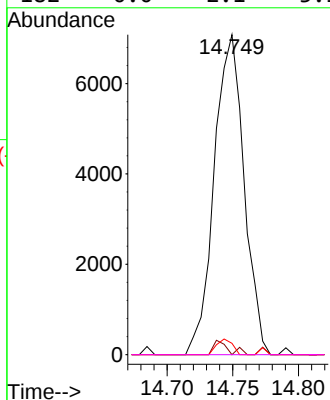


#57
2,4-Dinitrotoluene
Concen: 7.342 ng
RT: 14.749 min Scan# 1997
Delta R.T. -0.364 min
Lab File: BG053009.D
Acq: 4 Apr 2022 15:50

Instrument :
BNA_G
ClientSampleId :
AQUEOUS-DRUM

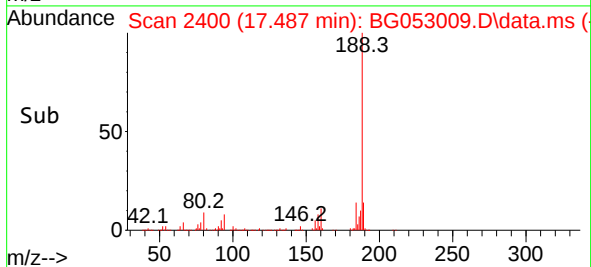
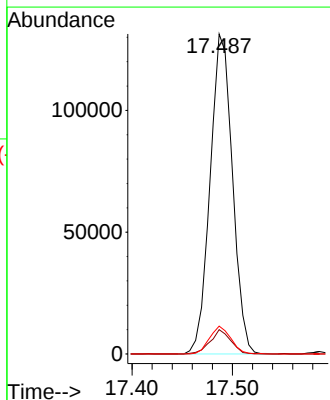
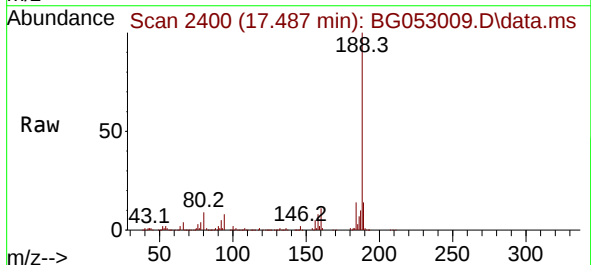


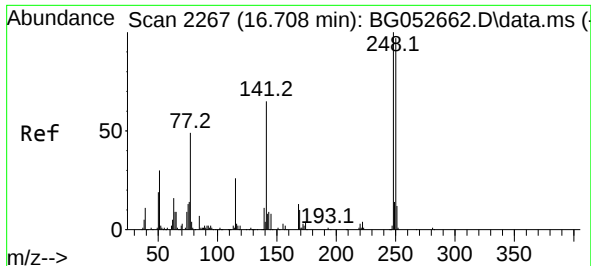
Tgt Ion:165 Resp: 11207
Ion Ratio Lower Upper
165 100
63 0.0 34.8 52.2#
89 3.6 57.4 86.0#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.487 min Scan# 2400
Delta R.T. -0.017 min
Lab File: BG053009.D
Acq: 4 Apr 2022 15:50

Tgt Ion:188 Resp: 203281
Ion Ratio Lower Upper
188 100
94 7.6 5.7 8.5
80 8.7 7.2 10.8

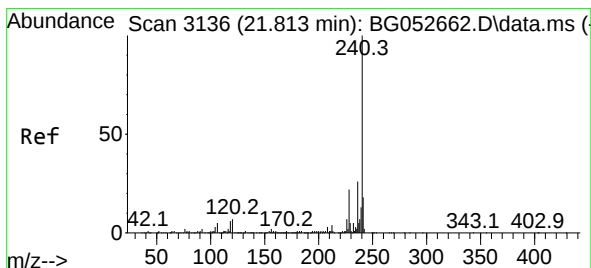
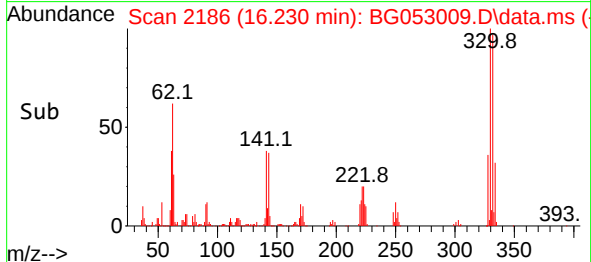
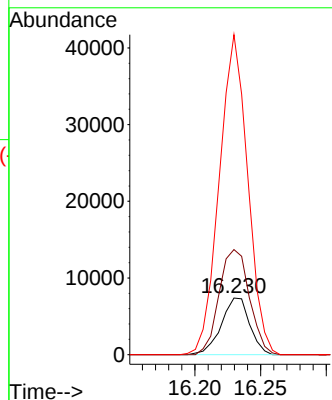
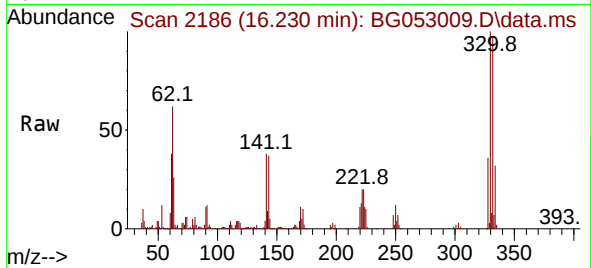




#67
4-Bromophenyl-phenylether
Concen: 4.539 ng
RT: 16.230 min Scan# 2186
Delta R.T. -0.464 min
Lab File: BG053009.D
Acq: 4 Apr 2022 15:50

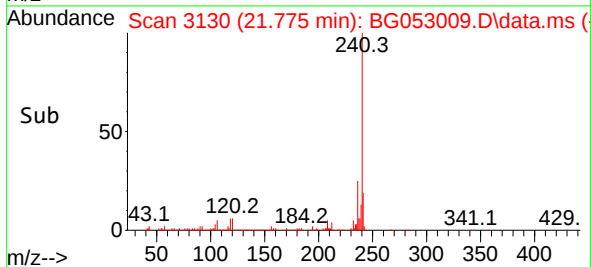
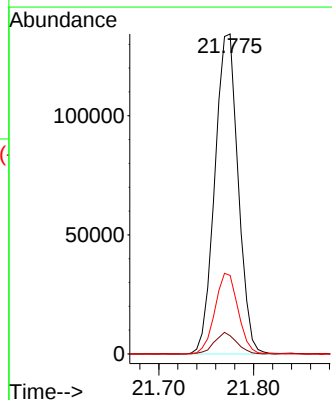
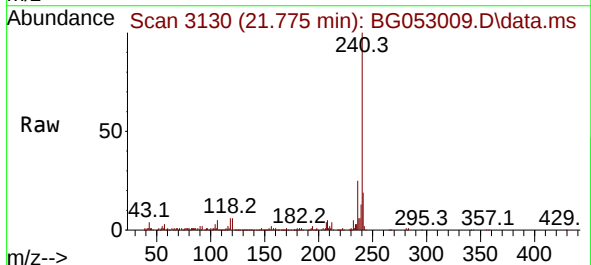
Instrument :
BNA_G
ClientSampleId :
AQUEOUS-DRUM

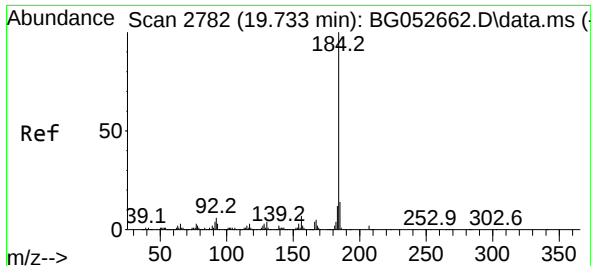
Tgt Ion:248 Resp: 11124
Ion Ratio Lower Upper
248 100
250 185.4 77.9 116.9#
141 564.7 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.775 min Scan# 3130
Delta R.T. -0.023 min
Lab File: BG053009.D
Acq: 4 Apr 2022 15:50

Tgt Ion:240 Resp: 229747
Ion Ratio Lower Upper
240 100
120 5.7 5.4 8.0
236 24.6 19.8 29.6

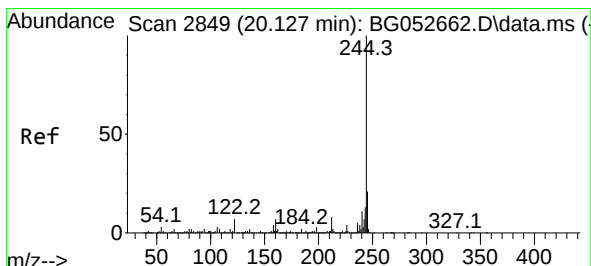
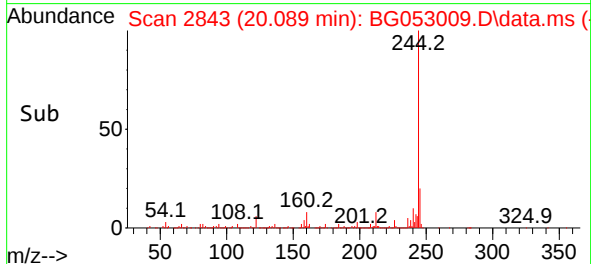
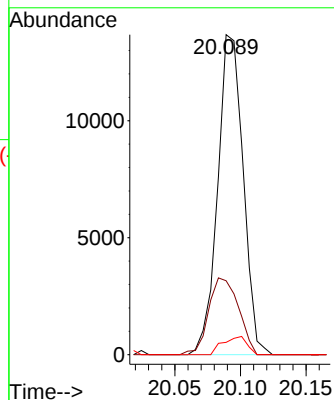
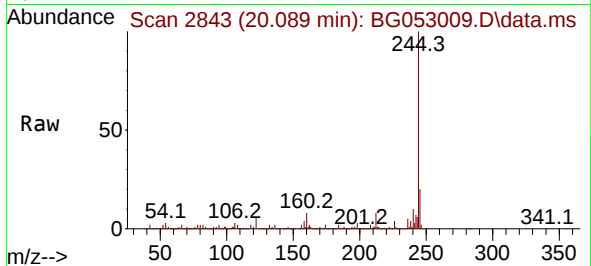




#77
Benzidine
Concen: 3.112 ng
RT: 20.089 min Scan# 2843
Delta R.T. 0.365 min
Lab File: BG053009.D
Acq: 4 Apr 2022 15:50

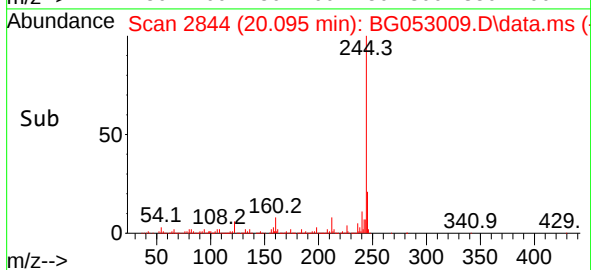
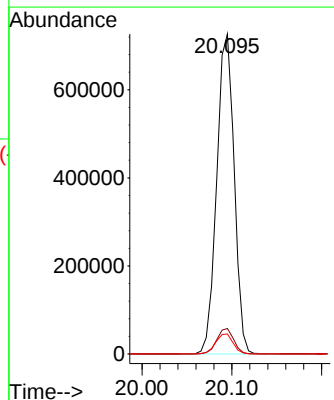
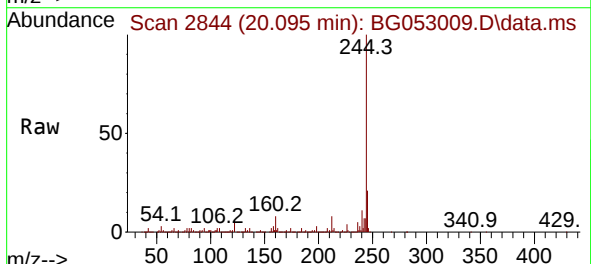
Instrument :
BNA_G
ClientSampleId :
AQUEOUS-DRUM

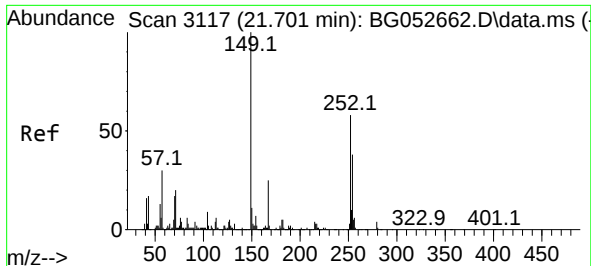
Tgt Ion:184 Resp: 18443
Ion Ratio Lower Upper
184 100
185 23.1 11.5 17.3#
183 3.9 9.4 14.2#



#79
Terphenyl-d14
Concen: 75.859 ng
RT: 20.095 min Scan# 2844
Delta R.T. -0.017 min
Lab File: BG053009.D
Acq: 4 Apr 2022 15:50

Tgt Ion:244 Resp: 979757
Ion Ratio Lower Upper
244 100
212 7.9 5.4 8.2
122 6.3 5.8 8.6

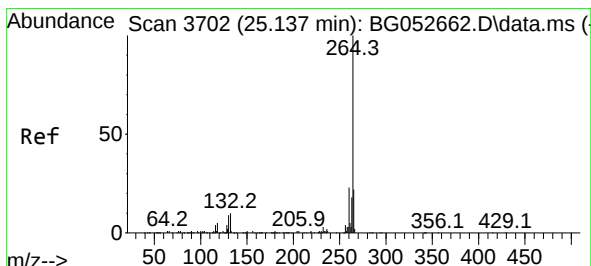
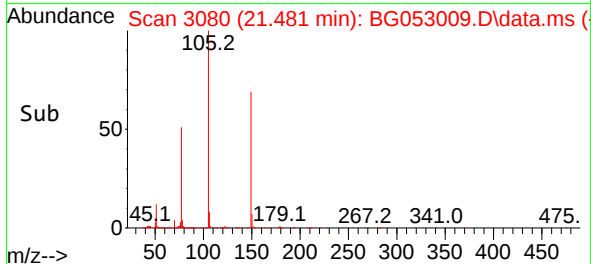
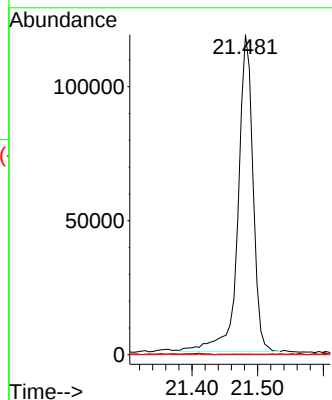
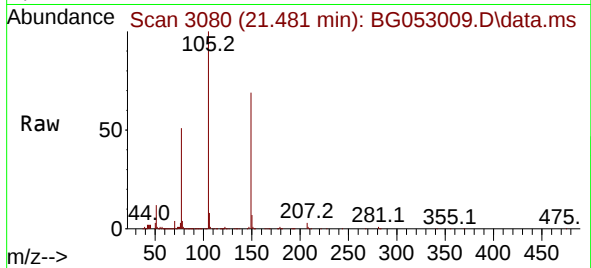




#84
Bis(2-ethylhexyl)phthalate
Concen: 24.368 ng
RT: 21.481 min Scan# 3080
Delta R.T. -0.194 min
Lab File: BG053009.D
Acq: 4 Apr 2022 15:50

Instrument :
BNA_G
ClientSampleId :
AQUEOUS-DRUM

Tgt Ion:149 Resp: 187341
Ion Ratio Lower Upper
149 100
167 0.2 21.4 32.2#
279 0.0 3.8 5.8#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.071 min Scan# 3691
Delta R.T. -0.041 min
Lab File: BG053009.D
Acq: 4 Apr 2022 15:50

Tgt Ion:264 Resp: 254470
Ion Ratio Lower Upper
264 100
260 22.0 18.2 27.2
265 23.6 15.1 22.7#

