

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052022\
 Data File : BG053653.D
 Acq On : 20 May 2022 21:02
 Operator : CG/JU
 Sample : N2865-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P019-SS001-0006-01

Quant Time: May 23 01:35:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 20 03:55:28 2022
 Response via : Initial Calibration

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

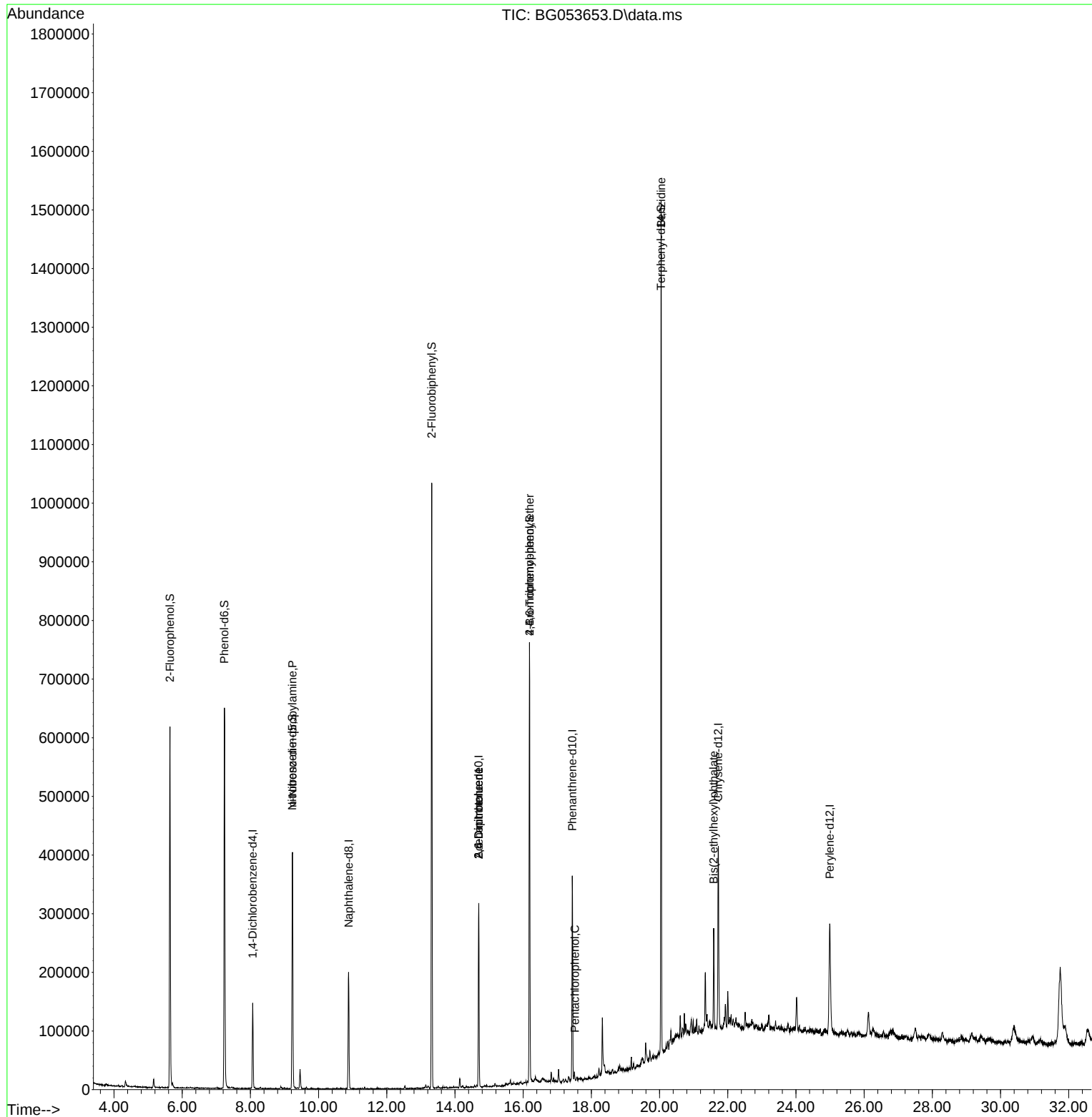
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.066	152	40086	20.000	ng	0.00
21) Naphthalene-d8	10.880	136	165228	20.000	ng	0.00
39) Acenaphthene-d10	14.698	164	112720	20.000	ng	0.00
64) Phenanthrene-d10	17.442	188	218636	20.000	ng	# 0.00
76) Chrysene-d12	21.724	240	194350	20.000	ng	# 0.00
86) Perylene-d12	24.990	264	194715	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.640	112	262698	111.219	ng	0.00
7) Phenol-d6	7.238	99	389527	108.665	ng	0.00
23) Nitrobenzene-d5	9.229	82	269593	69.456	ng	0.00
42) 2,4,6-Tribromophenol	16.190	330	147064	88.460	ng	0.00
45) 2-Fluorobiphenyl	13.318	172	532431	69.023	ng	0.00
79) Terphenyl-d14	20.044	244	707765	67.826	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.235	70	36444	14.170	ng	# 78
51) 2,6-Dinitrotoluene	14.698	165	14513	8.316	ng	# 18
57) 2,4-Dinitrotoluene	14.698	165	14513	5.737	ng	# 23
67) 4-Bromophenyl-phenylether	16.190	248	9745	3.816	ng	# 1
70) Pentachlorophenol	17.518	266	57	4.686	ng	# 16
77) Benzidine	20.050	184	12119	2.893	ng	# 93
84) Bis(2-ethylhexyl)phtha...	21.589	149	69788	10.960	ng	98

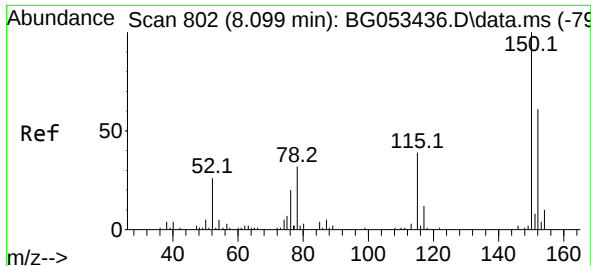
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052022\
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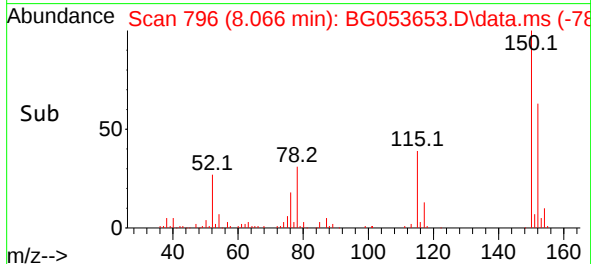
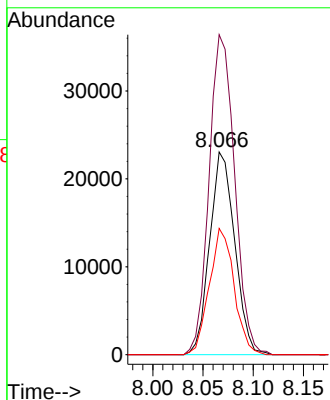
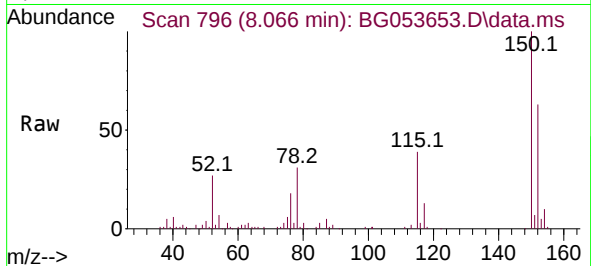




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.066 min Scan# 796
Delta R.T. -0.009 min
Lab File: BG053653.D
Acq: 20 May 2022 21:02

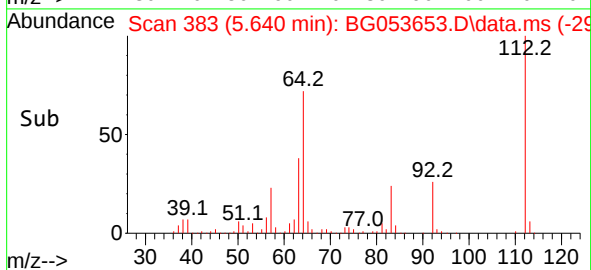
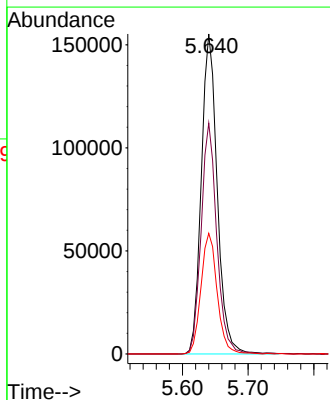
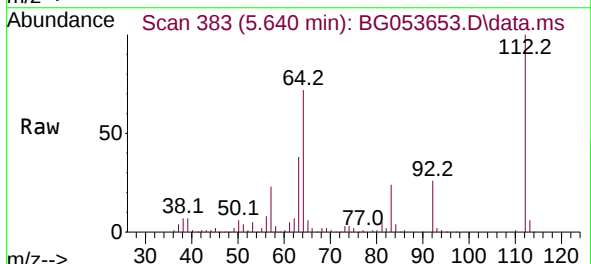
Instrument :
BNA_G
ClientSampleId :
P019-SS001-0006-01

Tgt Ion:152 Resp: 40086
Ion Ratio Lower Upper
152 100
150 157.8 131.6 197.4
115 62.3 50.9 76.3



#5
2-Fluorophenol
Concen: 111.219 ng
RT: 5.640 min Scan# 383
Delta R.T. -0.003 min
Lab File: BG053653.D
Acq: 20 May 2022 21:02

Tgt Ion:112 Resp: 262698
Ion Ratio Lower Upper
112 100
64 72.1 55.1 82.7
63 37.7 30.4 45.6

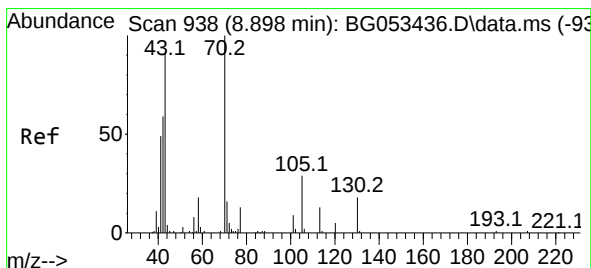
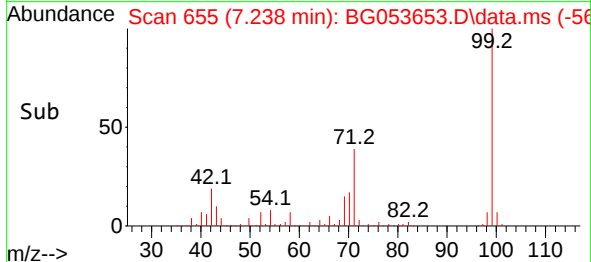
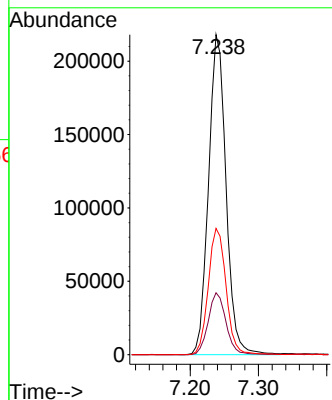
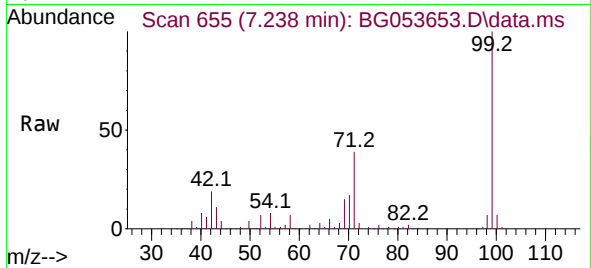




#7
Phenol-d6
Concen: 108.665 ng
RT: 7.238 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG053653.D
Acq: 20 May 2022 21:02

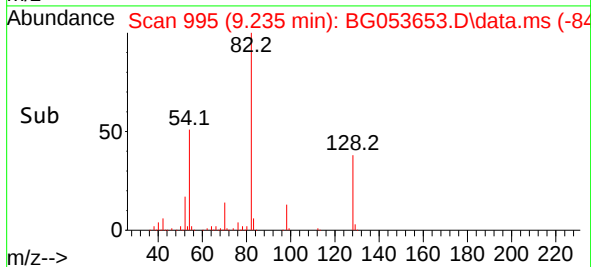
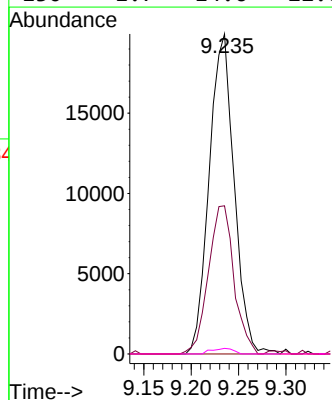
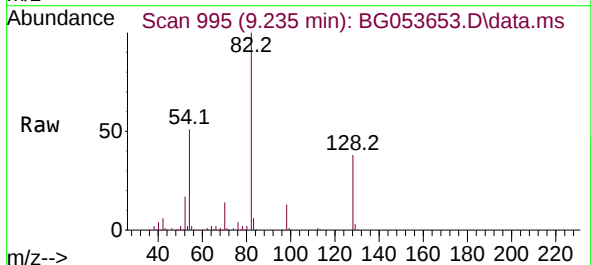
Instrument :
BNA_G
ClientSampleId :
P019-SS001-0006-01

Tgt Ion: 99 Resp: 389527
Ion Ratio Lower Upper
99 100
42 19.4 17.0 25.6
71 39.5 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 14.170 ng
RT: 9.235 min Scan# 995
Delta R.T. 0.355 min
Lab File: BG053653.D
Acq: 20 May 2022 21:02

Tgt Ion: 70 Resp: 36444
Ion Ratio Lower Upper
70 100
42 46.3 47.3 70.9#
101 0.0 7.0 10.4#
130 1.7 14.6 22.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.880 min Scan# 11

Delta R.T. -0.003 min

Lab File: BG053653.D

Acq: 20 May 2022 21:02

Instrument :

BNA_G

ClientSampleId :

P019-SS001-0006-01

Tgt Ion:136 Resp: 165228

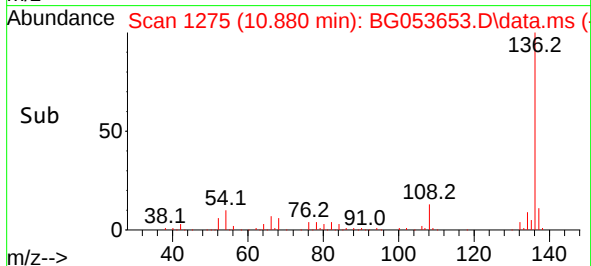
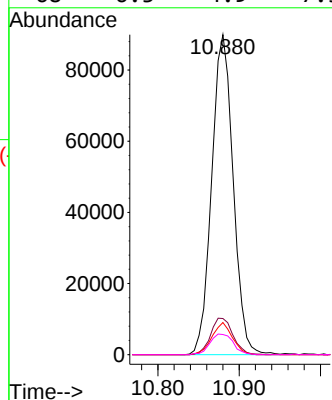
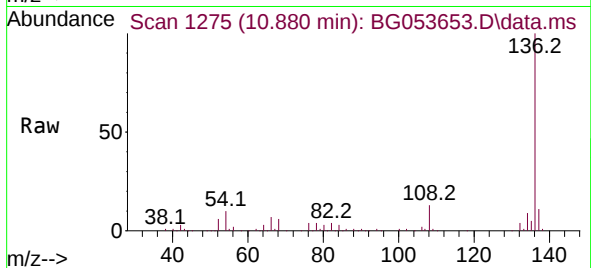
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 10.1 7.4 11.2

68 6.3 4.9 7.3



#23

Nitrobenzene-d5

Concen: 69.456 ng

RT: 9.229 min Scan# 994

Delta R.T. -0.009 min

Lab File: BG053653.D

Acq: 20 May 2022 21:02

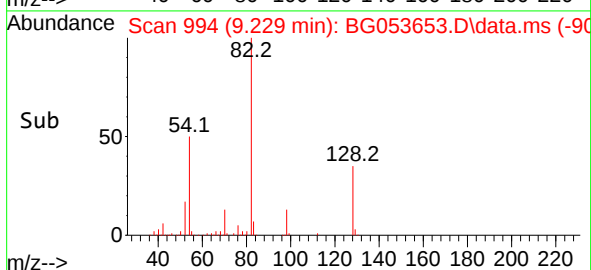
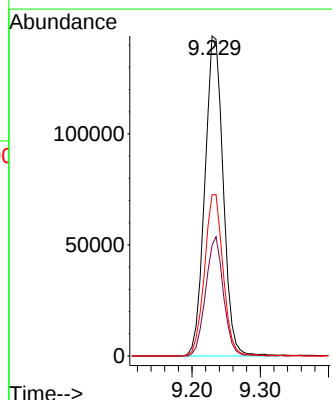
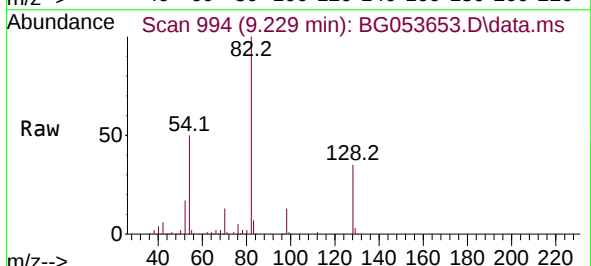
Tgt Ion: 82 Resp: 269593

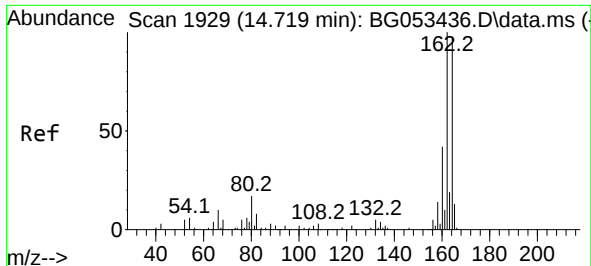
Ion Ratio Lower Upper

82 100

128 34.6 27.9 41.9

54 50.4 41.2 61.8

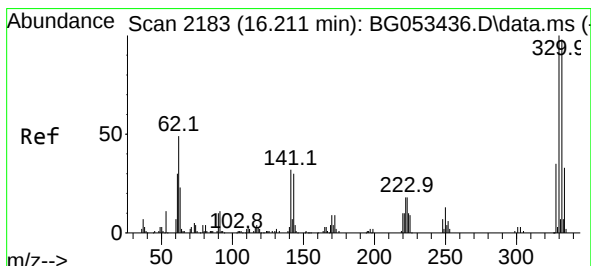
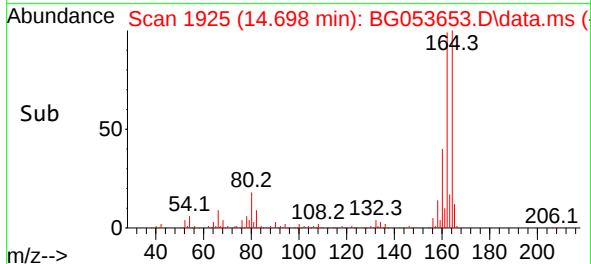
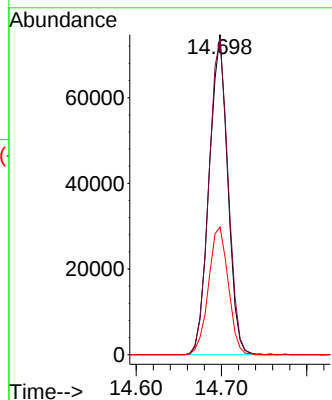
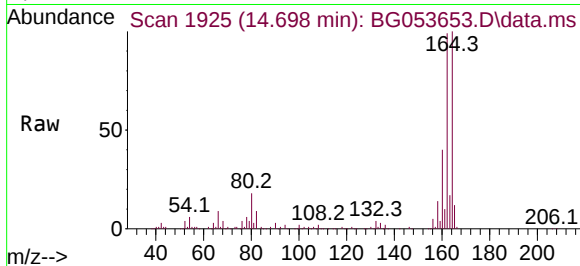




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.698 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG053653.D
Acq: 20 May 2022 21:02

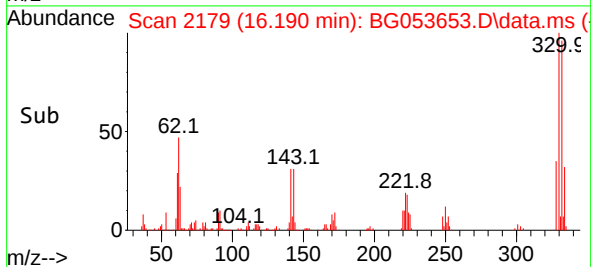
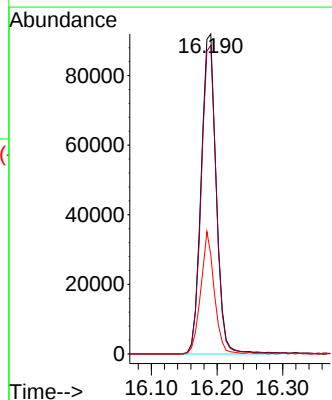
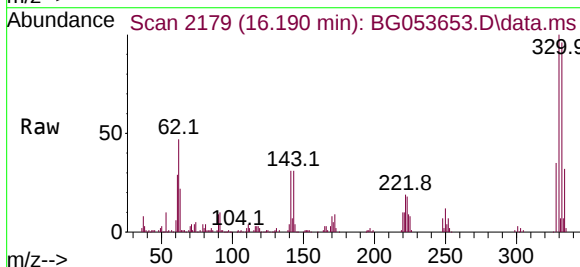
Instrument :
BNA_G
ClientSampleId :
P019-SS001-0006-01

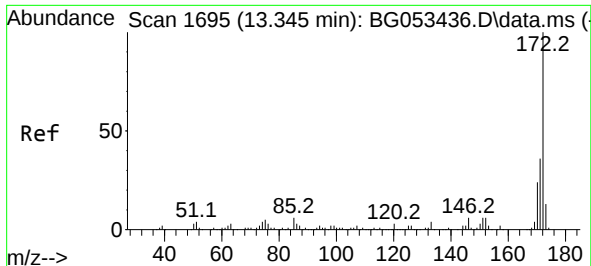
Tgt Ion:164 Resp: 112720
Ion Ratio Lower Upper
164 100
162 98.6 82.3 123.5
160 39.9 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 88.460 ng
RT: 16.190 min Scan# 2179
Delta R.T. -0.003 min
Lab File: BG053653.D
Acq: 20 May 2022 21:02

Tgt Ion:330 Resp: 147064
Ion Ratio Lower Upper
330 100
332 96.4 76.0 114.0
141 34.2 27.1 40.7

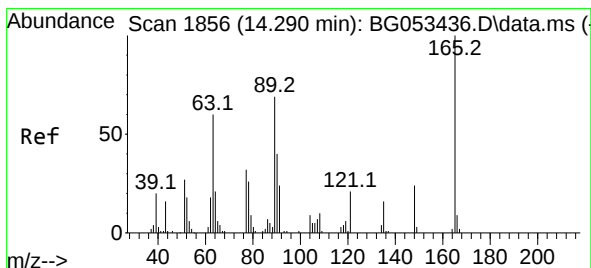
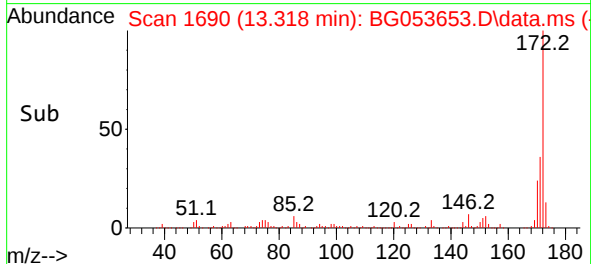
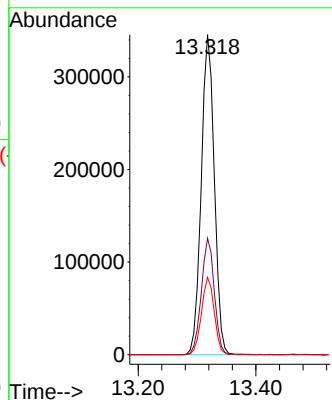
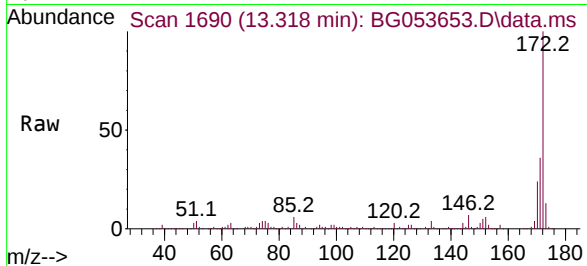




#45
2-Fluorobiphenyl
Concen: 69.023 ng
RT: 13.318 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG053653.D
Acq: 20 May 2022 21:02

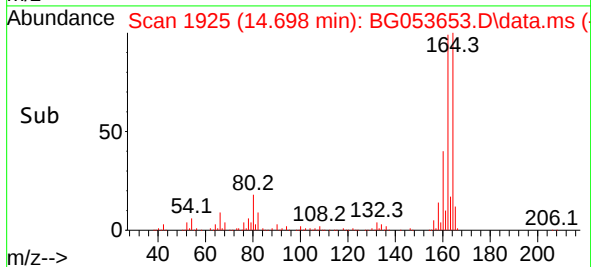
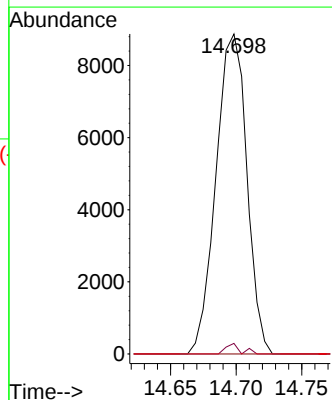
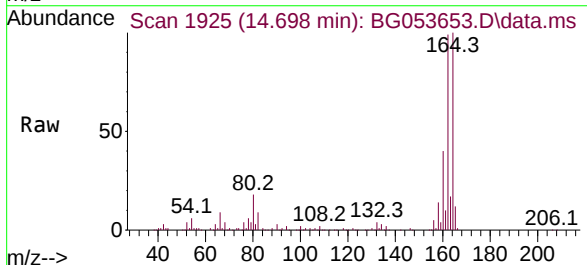
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ClientSampleId :
P019-SS001-0006-01

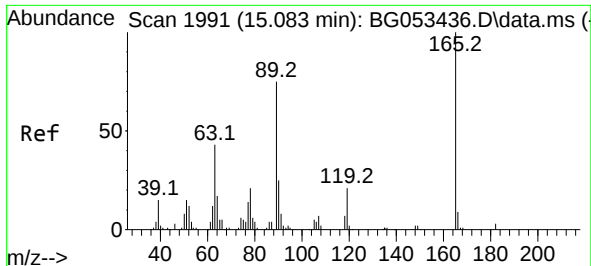
Tgt Ion:172 Resp: 532431
Ion Ratio Lower Upper
172 100
171 36.4 28.5 42.7
170 24.2 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.316 ng
RT: 14.698 min Scan# 1925
Delta R.T. 0.426 min
Lab File: BG053653.D
Acq: 20 May 2022 21:02

Tgt Ion:165 Resp: 14513
Ion Ratio Lower Upper
165 100
63 3.3 54.1 81.1#
89 0.0 54.8 82.2#





#57

2,4-Dinitrotoluene

Concen: 5.737 ng

RT: 14.698 min Scan# 1991

Delta R.T. -0.367 min

Lab File: BG053653.D

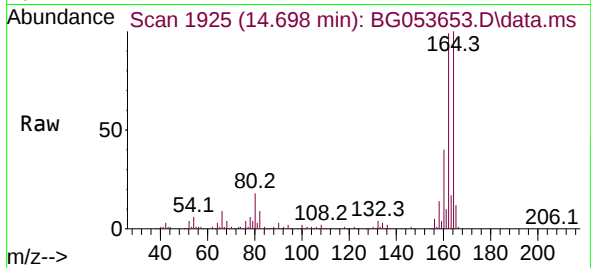
Acq: 20 May 2022 21:02

Instrument :

BNA_G

ClientSampleId :

P019-SS001-0006-01



Tgt Ion:165 Resp: 14513

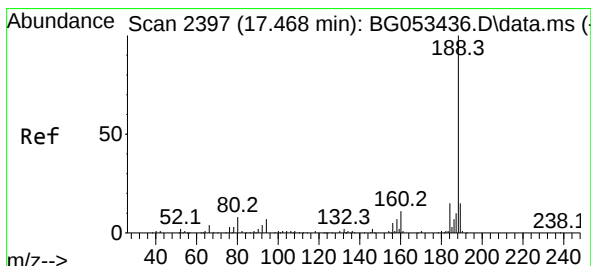
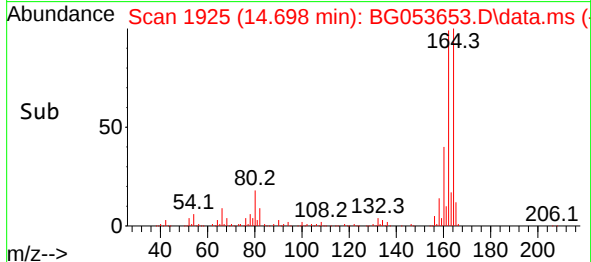
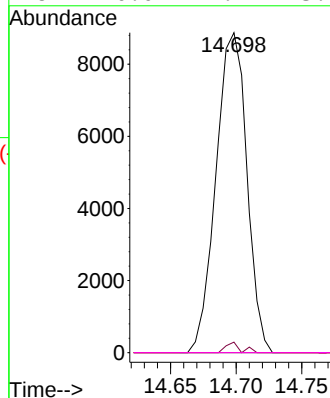
Ion Ratio Lower Upper

165 100

63 3.3 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: 17.442 min Scan# 2392

Delta R.T. -0.009 min

Lab File: BG053653.D

Acq: 20 May 2022 21:02

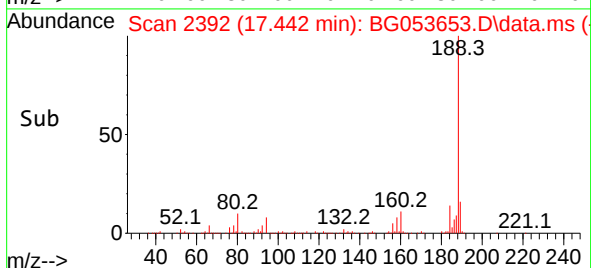
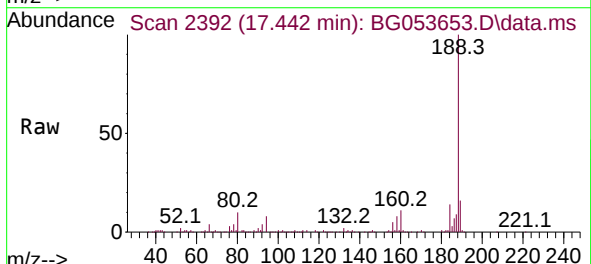
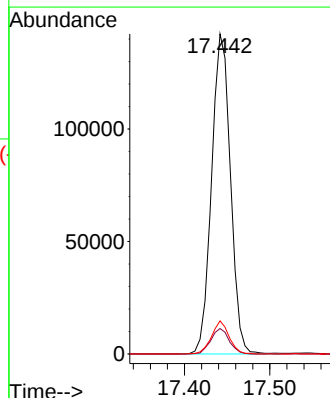
Tgt Ion:188 Resp: 218636

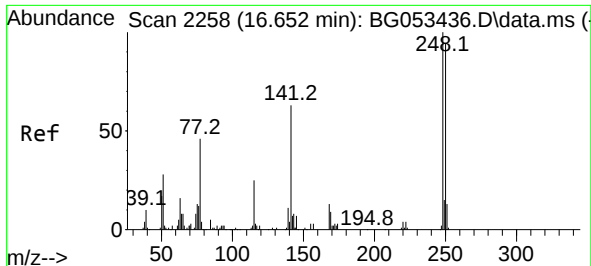
Ion Ratio Lower Upper

188 100

94 7.9 5.4 8.0

80 10.4 6.8 10.2#

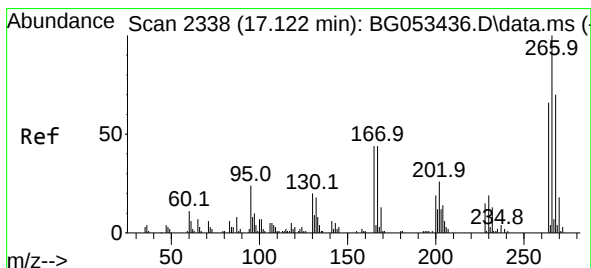
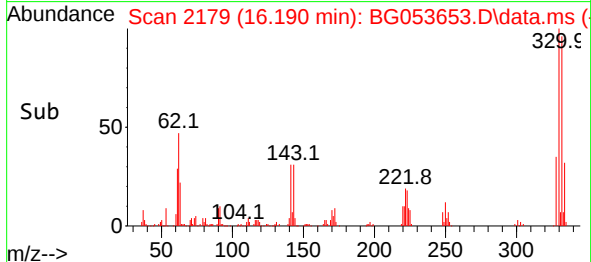
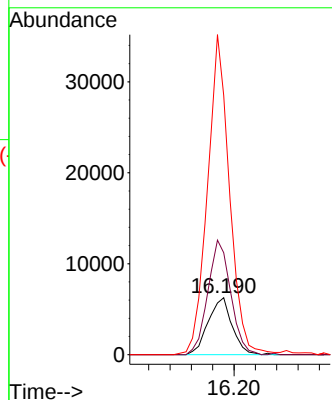
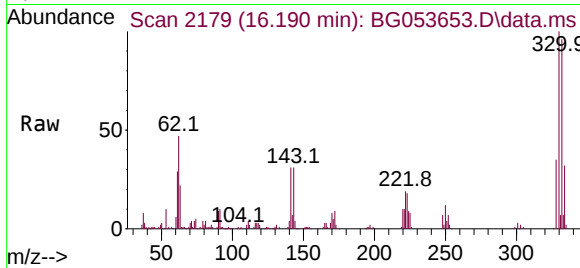




#67
4-Bromophenyl-phenylether
Concen: 3.816 ng
RT: 16.190 min Scan# 21
Delta R.T. -0.438 min
Lab File: BG053653.D
Acq: 20 May 2022 21:02

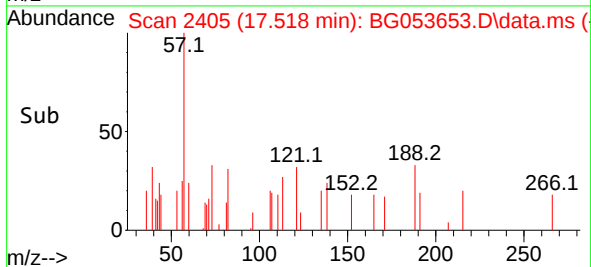
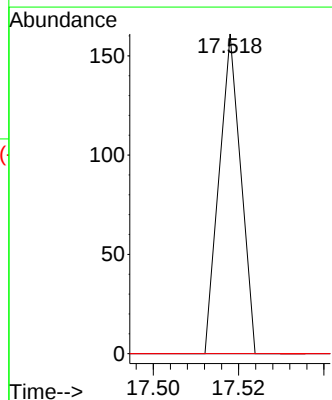
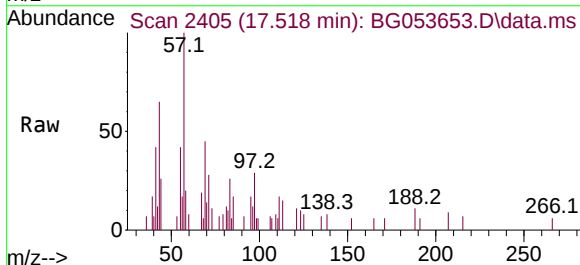
Instrument :
BNA_G
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P019-SS001-0006-01

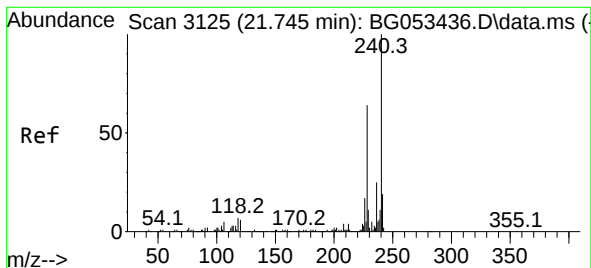
Tgt Ion:248 Resp: 9745
Ion Ratio Lower Upper
248 100
250 179.1 75.2 112.8#
141 455.5 50.0 75.0#



#70
Pentachlorophenol
Concen: 4.686 ng
RT: 17.518 min Scan# 2405
Delta R.T. 0.408 min
Lab File: BG053653.D
Acq: 20 May 2022 21:02

Tgt Ion:266 Resp: 57
Ion Ratio Lower Upper
266 100
268 0.0 56.2 84.2#
264 0.0 53.0 79.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.724 min Scan# 31

Delta R.T. -0.009 min

Lab File: BG053653.D

Acq: 20 May 2022 21:02

Instrument :

BNA_G

ClientSampleId :

P019-SS001-0006-01

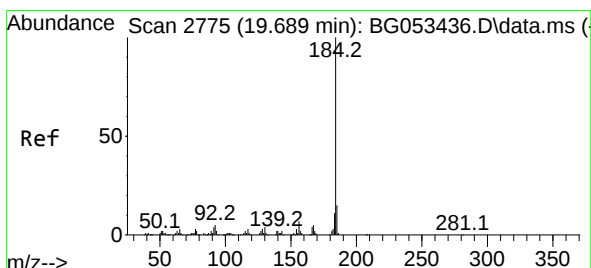
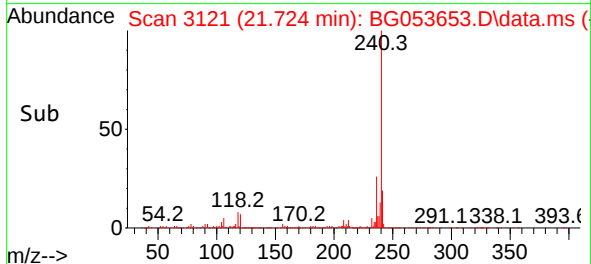
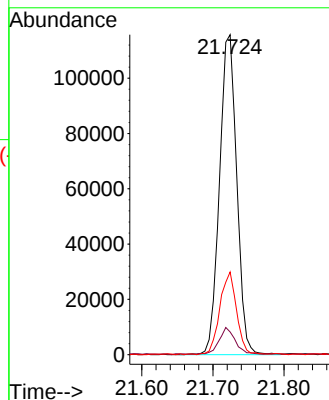
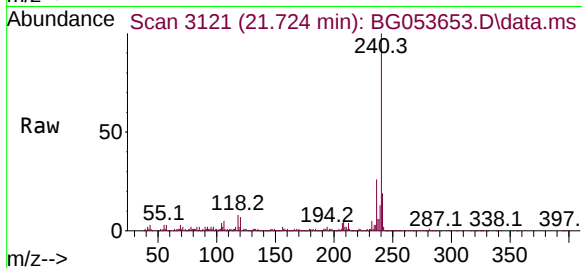
Tgt Ion:240 Resp: 194350

Ion Ratio Lower Upper

240 100

120 7.1 4.6 7.0#

236 25.8 20.2 30.4



#77

Benzidine

Concen: 2.893 ng

RT: 20.050 min Scan# 2836

Delta R.T. 0.379 min

Lab File: BG053653.D

Acq: 20 May 2022 21:02

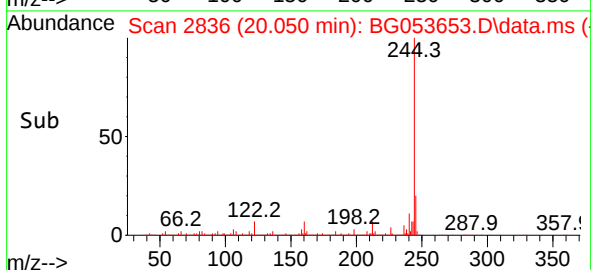
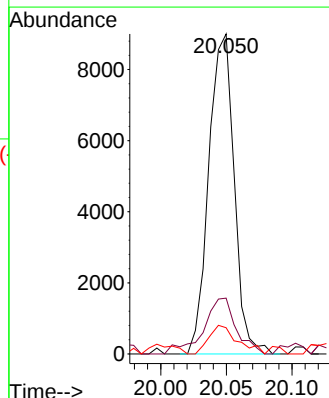
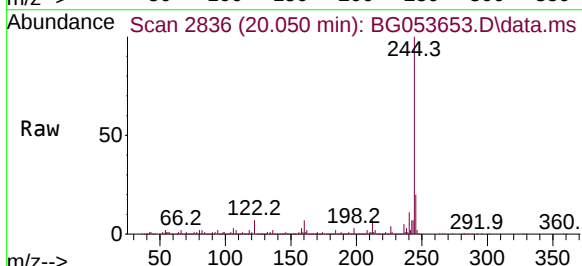
Tgt Ion:184 Resp: 12119

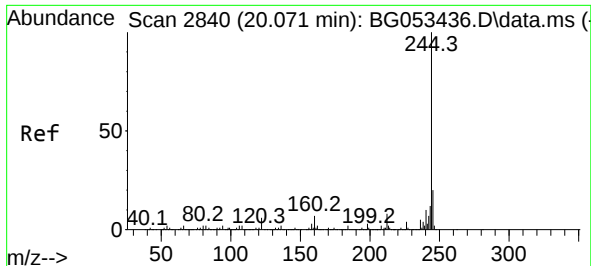
Ion Ratio Lower Upper

184 100

185 17.4 11.8 17.6

183 8.2 8.9 13.3#

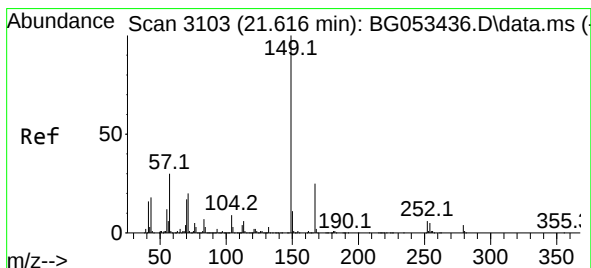
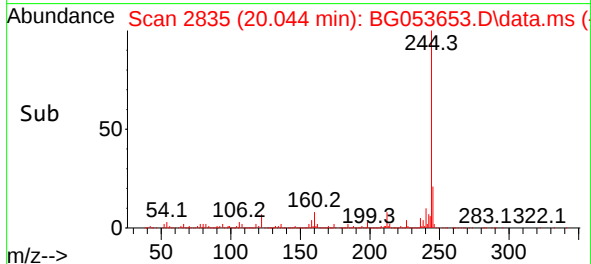
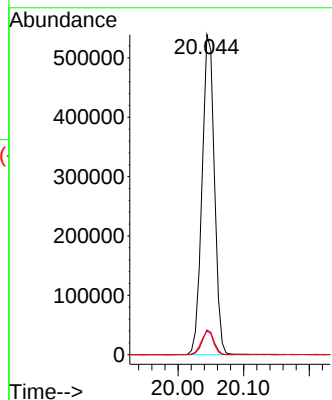
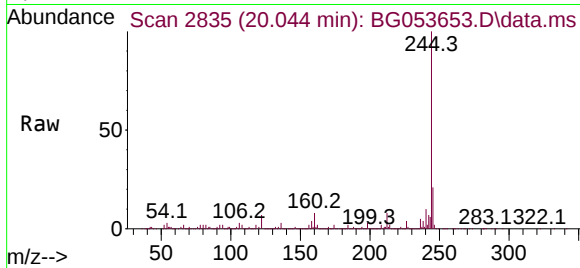




#79
 Terphenyl-d14
 Concen: 67.826 ng
 RT: 20.044 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG053653.D
 Acq: 20 May 2022 21:02

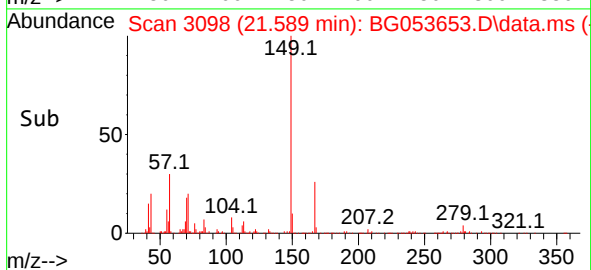
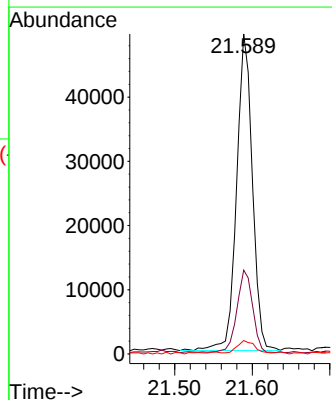
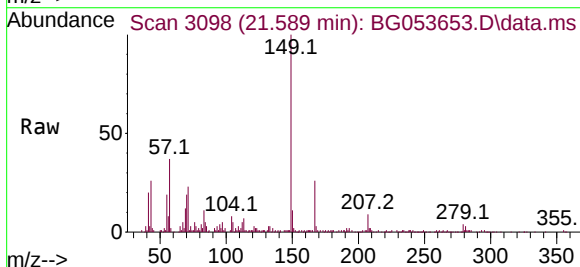
Instrument :
 BNA_G
 ClientSampleId :
 P019-SS001-0006-01

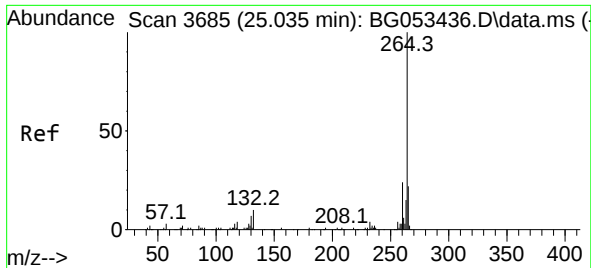
Tgt Ion:244 Resp: 707765
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.5 9.7
 122 7.4 5.0 7.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 10.960 ng
 RT: 21.589 min Scan# 3098
 Delta R.T. -0.009 min
 Lab File: BG053653.D
 Acq: 20 May 2022 21:02

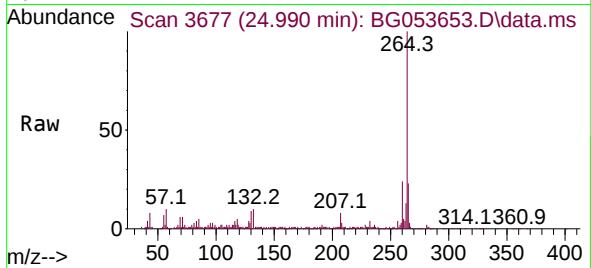
Tgt Ion:149 Resp: 69788
 Ion Ratio Lower Upper
 149 100
 167 26.2 20.2 30.4
 279 4.2 3.6 5.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.990 min Scan# 30
Delta R.T. -0.015 min
Lab File: BG053653.D
Acq: 20 May 2022 21:02

Instrument :
BNA_G
ClientSampleId :
P019-SS001-0006-01



Tgt Ion:	264	Resp:	194715
Ion Ratio	Lower	Upper	
264	100		
260	23.5	19.0	28.6
265	23.2	17.4	26.2

