

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080321\
 Data File : BG049625.D
 Acq On : 3 Aug 2021 15:46
 Operator : CG/JU
 Sample : PB138117BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB138117BL

Quant Time: Aug 03 16:44:59 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 03 15:15:33 2021
 Response via : Initial Calibration

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

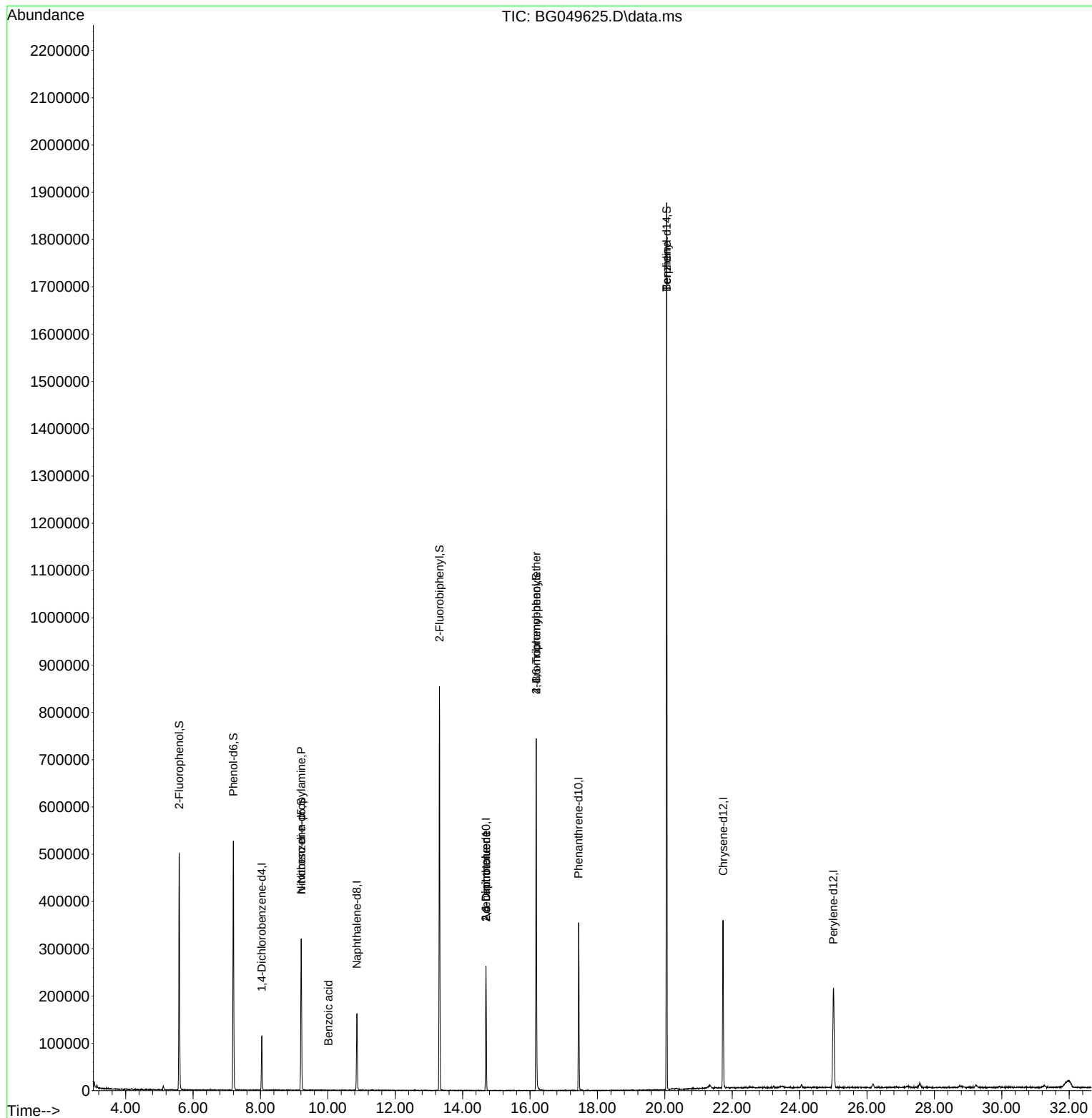
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.037	152	31522	20.000	ng	# 0.00
21) Naphthalene-d8	10.863	136	131111	20.000	ng	# 0.00
39) Acenaphthene-d10	14.693	164	95724	20.000	ng	0.00
64) Phenanthrene-d10	17.442	188	222141	20.000	ng	# 0.00
76) Chrysene-d12	21.731	240	229090	20.000	ng	0.00
86) Perylene-d12	25.003	264	233458	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.594	112	202418	115.112	ng	0.00
7) Phenol-d6	7.197	99	270936	101.786	ng	0.00
23) Nitrobenzene-d5	9.212	82	196800	66.422	ng	0.00
42) 2,4,6-Tribromophenol	16.185	330	142816	101.503	ng	0.00
45) 2-Fluorobiphenyl	13.313	172	423966	64.446	ng	0.00
79) Terphenyl-d14	20.056	244	848544	67.272	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.212	70	30183	16.945	ng	# 69
32) Benzoic acid	10.017	122	55	4.986	ng	# 1
51) 2,6-Dinitrotoluene	14.693	165	11938	7.507	ng	# 12
57) 2,4-Dinitrotoluene	14.693	165	11938	5.345	ng	# 18
67) 4-Bromophenyl-phenylether	16.185	248	9240	3.532	ng	# 1
77) Benzidine	20.056	184	16070	2.738	ng	# 94

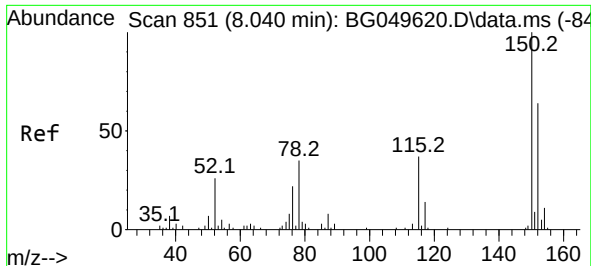
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080321\
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ALS Vial : 11 Sample Multiplier: 1

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QLast Update : Tue Aug 03 15:15:33 2021
Response via : Initial Calibration

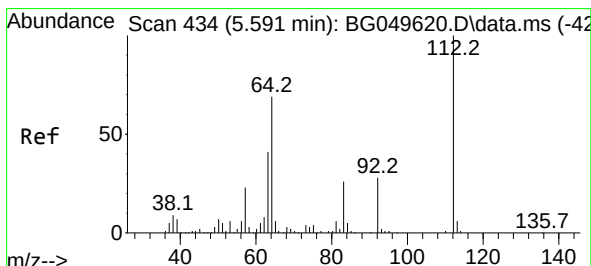
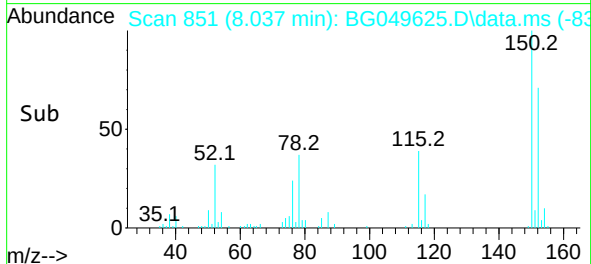
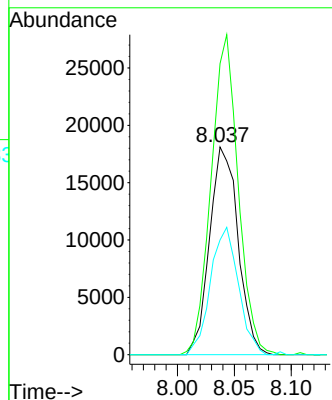
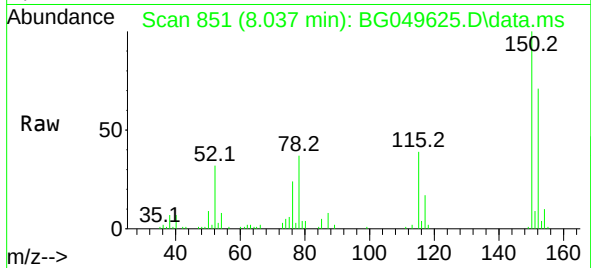




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.037 min Scan# 851
Delta R.T. -0.003 min
Lab File: BG049625.D
Acq: 3 Aug 2021 15:46

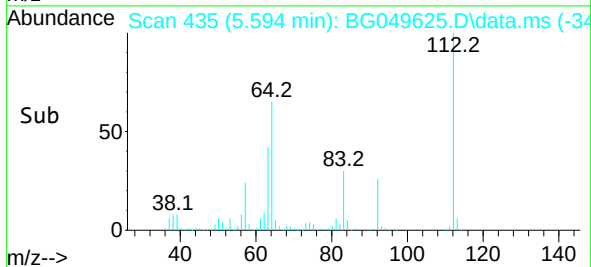
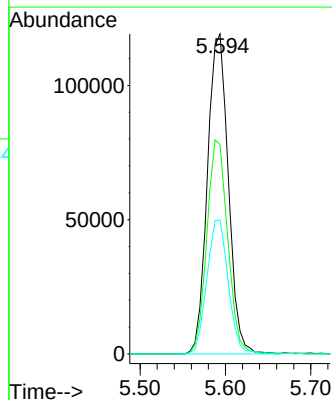
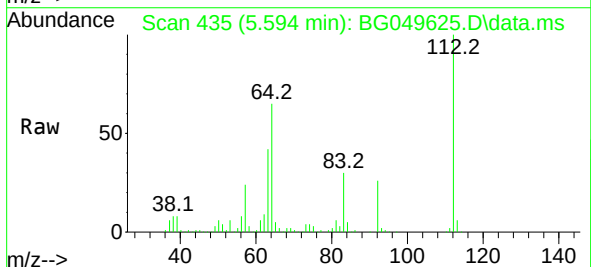
Instrument :
BNA_G
ClientSampleId :
PB138117BL

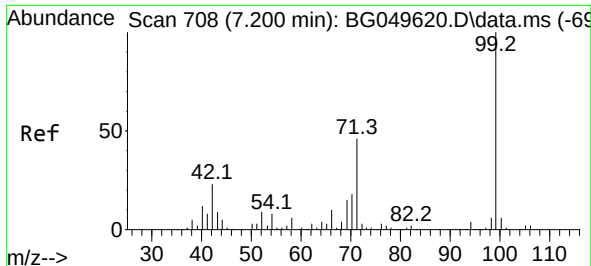
Tgt Ion:152 Resp: 31522
Ion Ratio Lower Upper
152 100
150 140.2 119.4 179.0
115 55.3 60.2 90.4#



#5
2-Fluorophenol
Concen: 115.112 ng
RT: 5.594 min Scan# 435
Delta R.T. 0.003 min
Lab File: BG049625.D
Acq: 3 Aug 2021 15:46

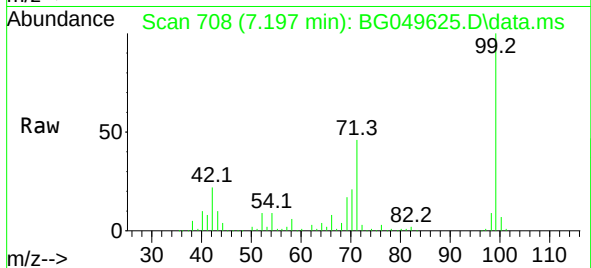
Tgt Ion:112 Resp: 202418
Ion Ratio Lower Upper
112 100
64 65.5 46.7 70.1
63 41.9 35.3 52.9



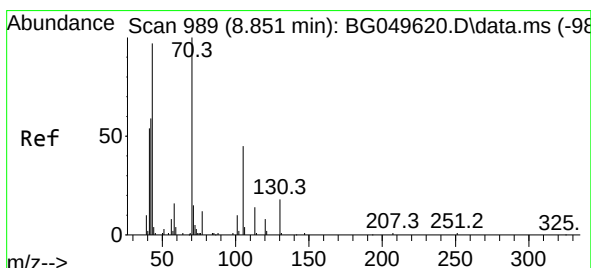
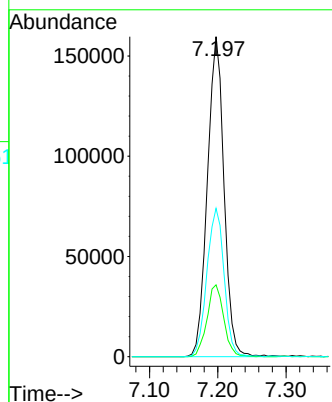
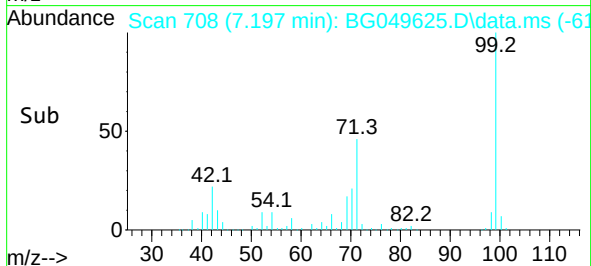


#7
Phenol-d6
Concen: 101.786 ng
RT: 7.197 min Scan# 708
Delta R.T. -0.003 min
Lab File: BG049625.D
Acq: 3 Aug 2021 15:46

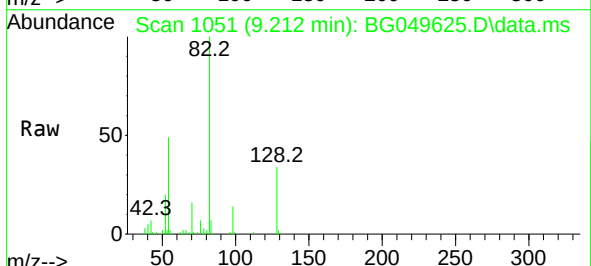
Instrument :
BNA_G
ClientSampleId :
PB138117BL



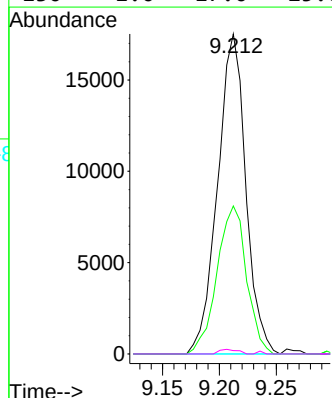
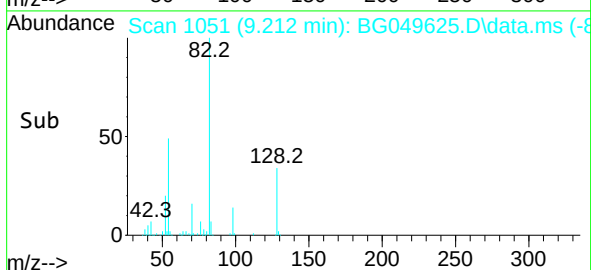
Tgt Ion: 99 Resp: 270936
Ion Ratio Lower Upper
99 100
42 22.5 20.5 30.7
71 46.4 41.5 62.3

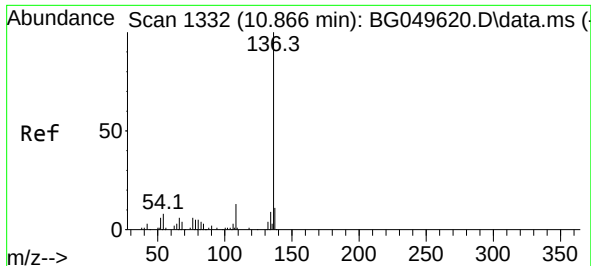


#19
n-Nitroso-di-n-propylamine
Concen: 16.945 ng
RT: 9.212 min Scan# 1051
Delta R.T. 0.361 min
Lab File: BG049625.D
Acq: 3 Aug 2021 15:46



Tgt Ion: 70 Resp: 30183
Ion Ratio Lower Upper
70 100
42 46.3 54.5 81.7#
101 0.0 9.0 13.6#
130 1.0 17.0 25.6#

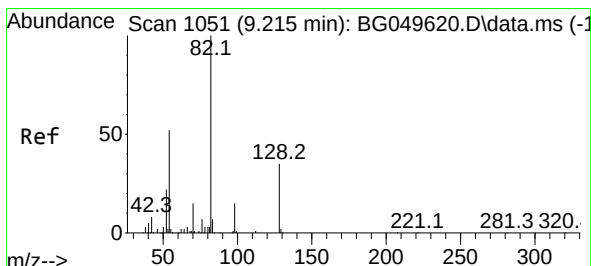
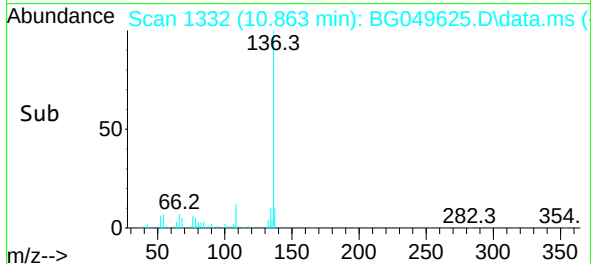
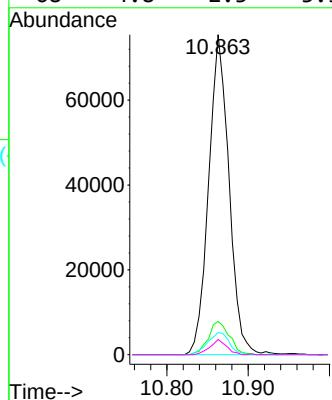
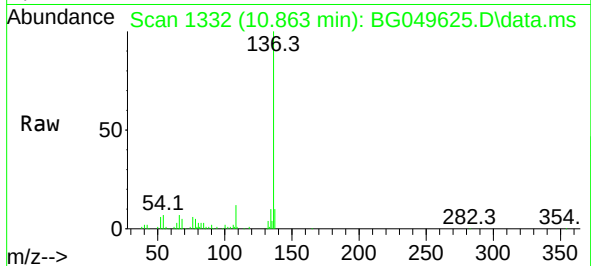




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.863 min Scan# 1332
Delta R.T. -0.003 min
Lab File: BG049625.D
Acq: 3 Aug 2021 15:46

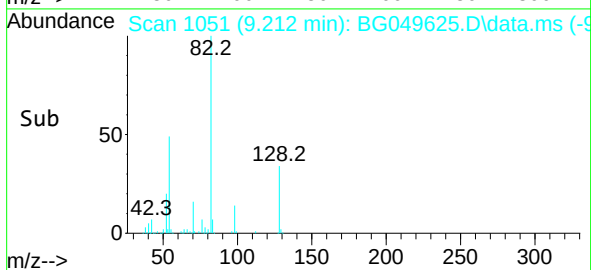
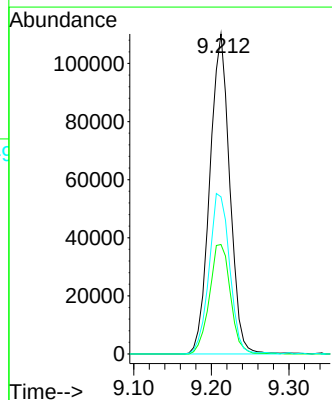
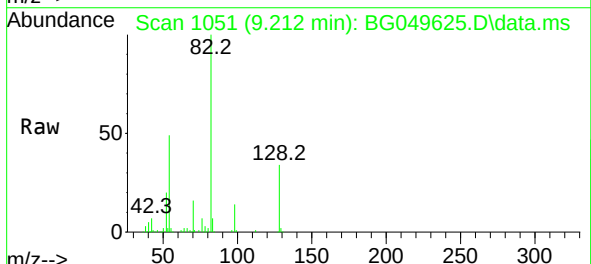
Instrument :
BNA_G
ClientSampleId :
PB138117BL

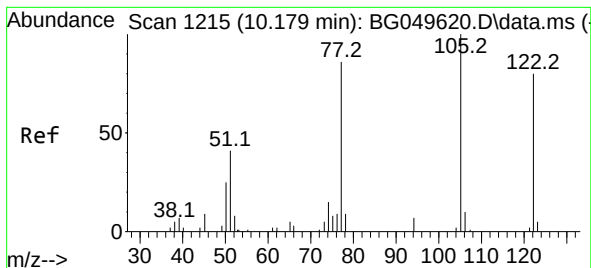
Tgt Ion:	136	Resp:	131111
Ion Ratio	Lower	Upper	
136	100		
137	10.4	8.2	12.2
54	6.9	5.5	8.3
68	4.8	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 66.422 ng
RT: 9.212 min Scan# 1051
Delta R.T. -0.003 min
Lab File: BG049625.D
Acq: 3 Aug 2021 15:46

Tgt Ion:	82	Resp:	196800
Ion Ratio	Lower	Upper	
82	100		
128	34.2	29.8	44.6
54	49.1	45.8	68.8

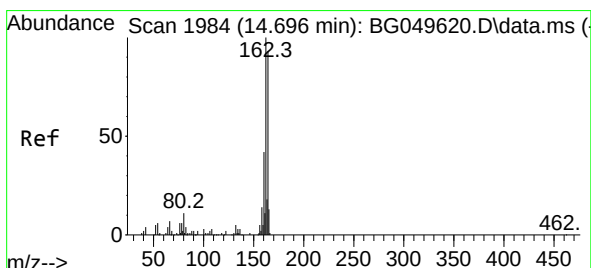
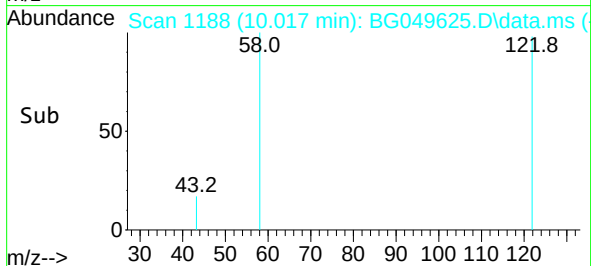
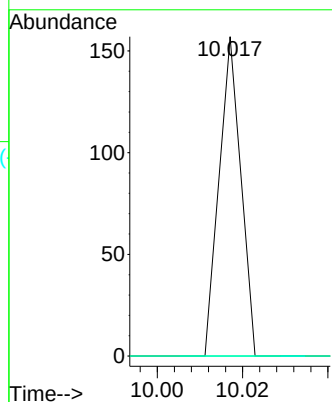
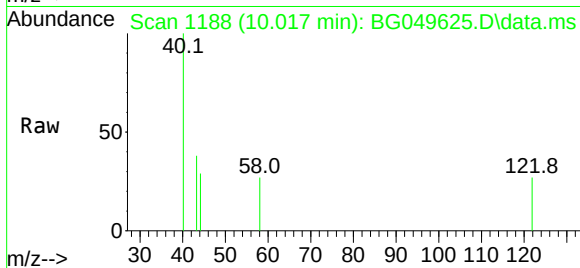




#32
Benzoic acid
Concen: 4.986 ng
RT: 10.017 min Scan# 1188
Delta R.T. -0.162 min
Lab File: BG049625.D
Acq: 3 Aug 2021 15:46

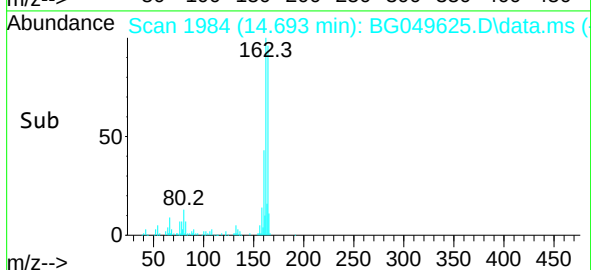
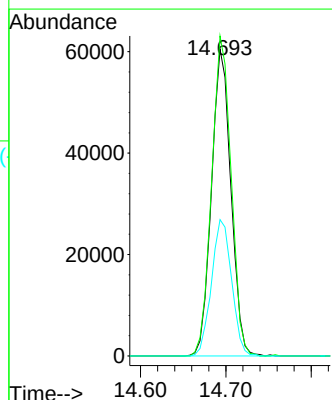
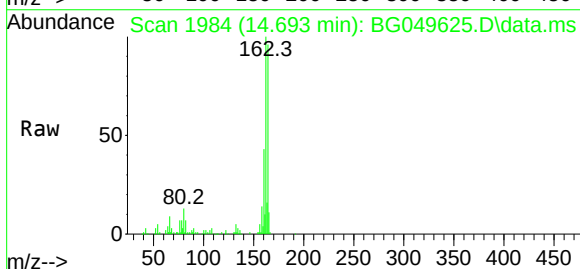
Instrument :
BNA_G
ClientSampleId :
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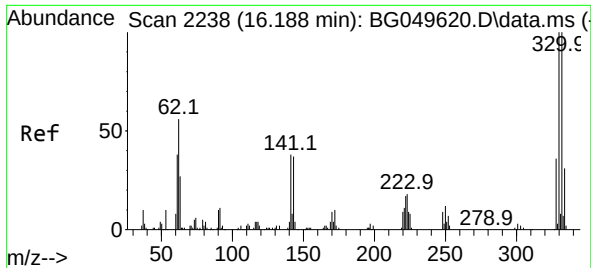
Tgt Ion:122 Resp: 55
Ion Ratio Lower Upper
122 100
105 0.0 92.3 132.3#
77 0.0 66.5 106.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.693 min Scan# 1984
Delta R.T. -0.003 min
Lab File: BG049625.D
Acq: 3 Aug 2021 15:46

Tgt Ion:164 Resp: 95724
Ion Ratio Lower Upper
164 100
162 104.4 81.4 122.0
160 44.5 34.9 52.3

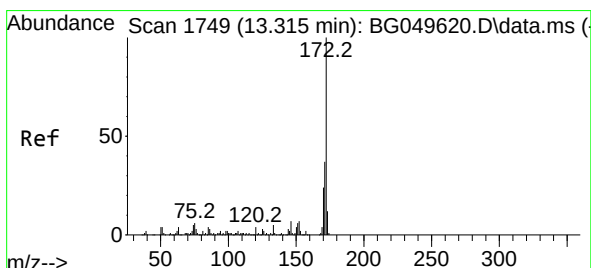
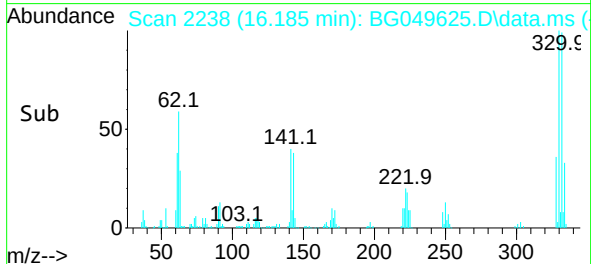
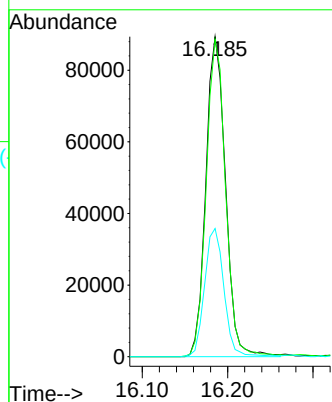
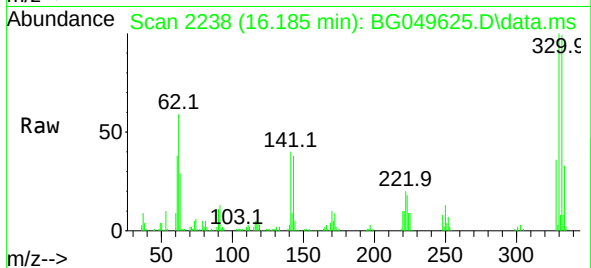




#42
2,4,6-Tribromophenol
Concen: 101.503 ng
RT: 16.185 min Scan# 2238
Delta R.T. -0.003 min
Lab File: BG049625.D
Acq: 3 Aug 2021 15:46

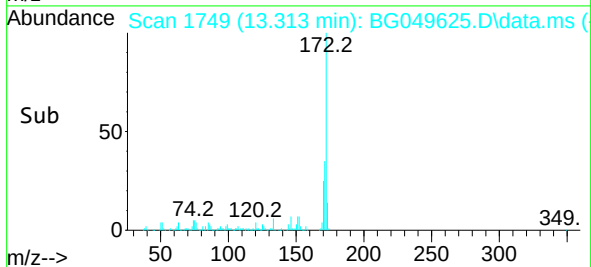
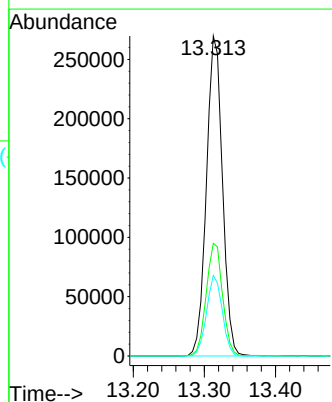
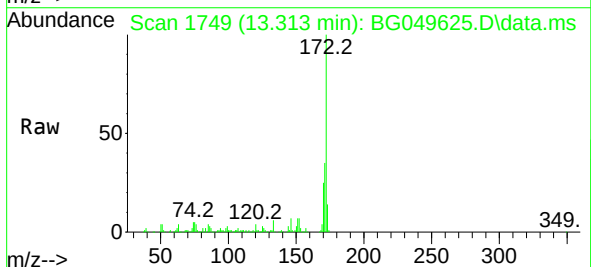
Instrument :
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ClientSampleId :
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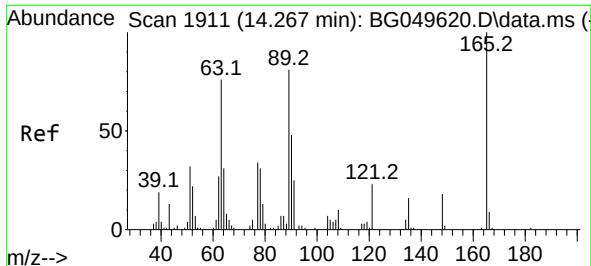
Tgt Ion:330 Resp: 142816
Ion Ratio Lower Upper
330 100
332 98.0 77.3 115.9
141 39.6 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 64.446 ng
RT: 13.313 min Scan# 1749
Delta R.T. -0.003 min
Lab File: BG049625.D
Acq: 3 Aug 2021 15:46

Tgt Ion:172 Resp: 423966
Ion Ratio Lower Upper
172 100
171 35.2 28.6 43.0
170 25.1 18.6 27.8

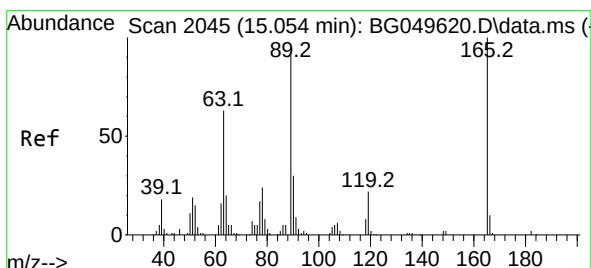
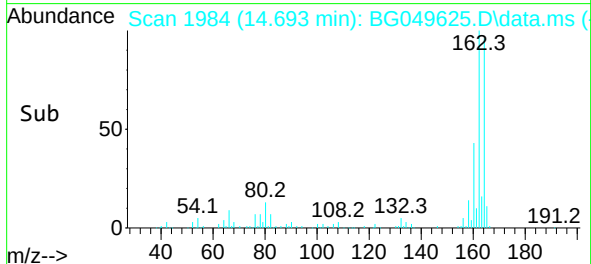
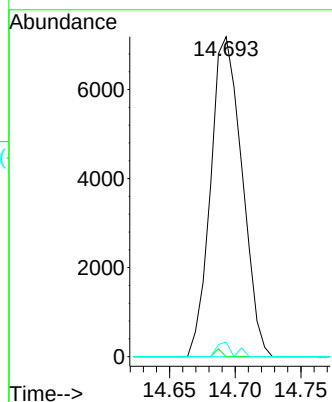
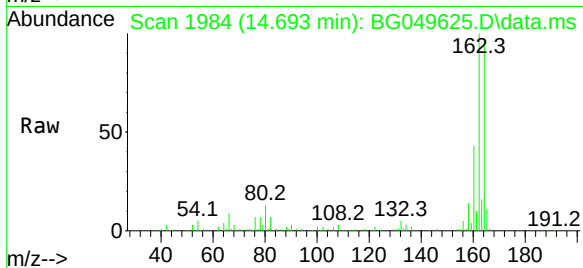




#51
2,6-Dinitrotoluene
Concen: 7.507 ng
RT: 14.693 min Scan# 1984
Delta R.T. 0.426 min
Lab File: BG049625.D
Acq: 3 Aug 2021 15:46

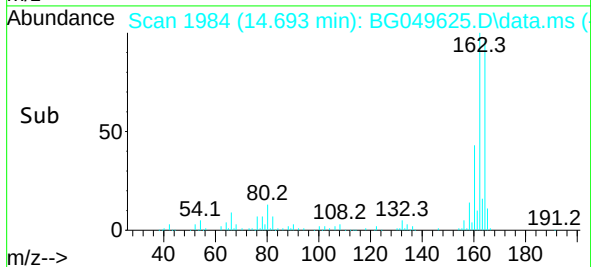
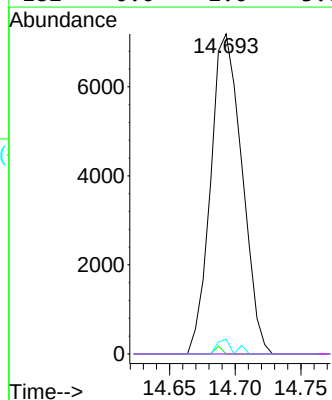
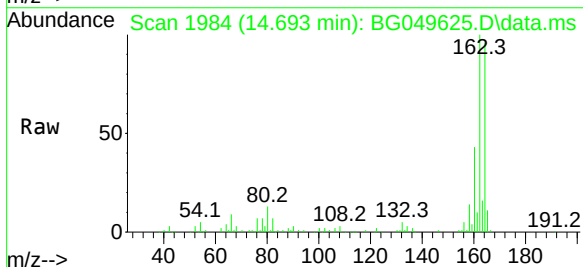
Instrument :
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ClientSampleId :
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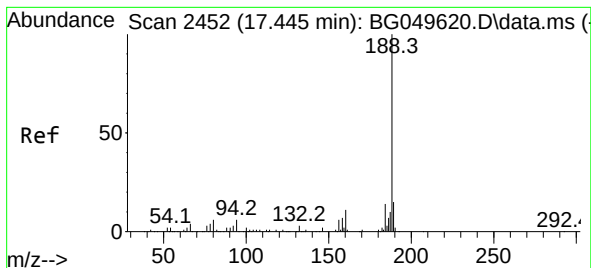
Tgt Ion:165 Resp: 11938
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 4.6 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 5.345 ng
RT: 14.693 min Scan# 1984
Delta R.T. -0.361 min
Lab File: BG049625.D
Acq: 3 Aug 2021 15:46

Tgt Ion:165 Resp: 11938
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 4.6 65.4 98.0#
182 0.0 2.0 3.0#

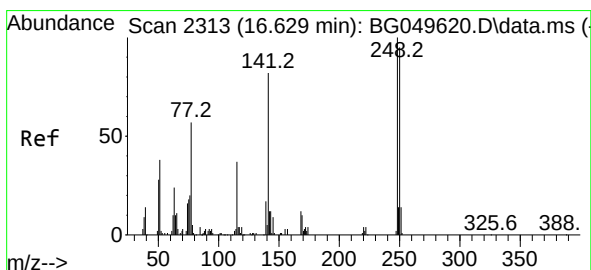
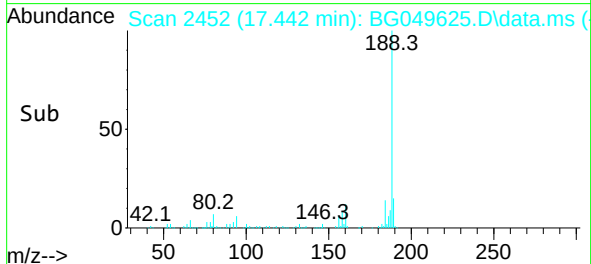
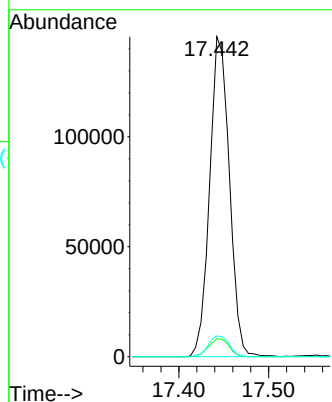
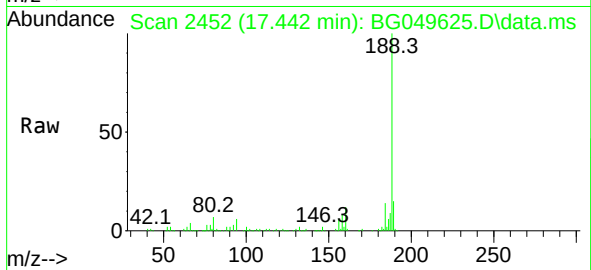




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.442 min Scan# 2452
Delta R.T. -0.003 min
Lab File: BG049625.D
Acq: 3 Aug 2021 15:46

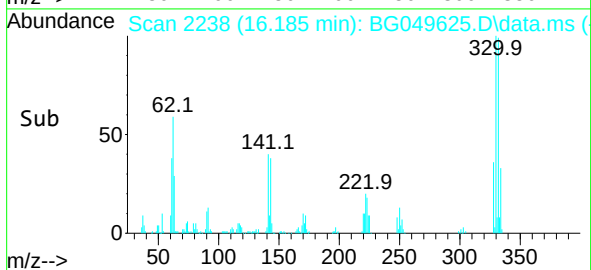
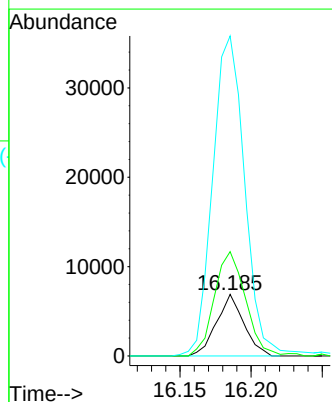
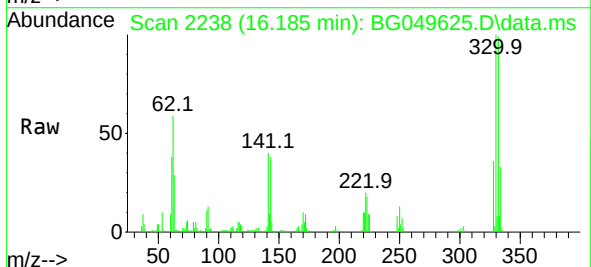
Instrument :
BNA_G
ClientSampleId :
PB138117BL

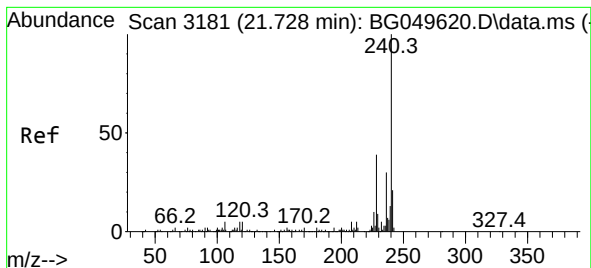
Tgt Ion:188 Resp: 222141
Ion Ratio Lower Upper
188 100
94 5.6 5.4 8.0
80 6.5 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 3.532 ng
RT: 16.185 min Scan# 2238
Delta R.T. -0.443 min
Lab File: BG049625.D
Acq: 3 Aug 2021 15:46

Tgt Ion:248 Resp: 9240
Ion Ratio Lower Upper
248 100
250 169.6 76.1 114.1#
141 519.8 65.4 98.2#

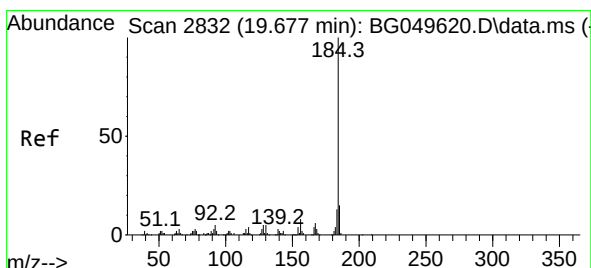
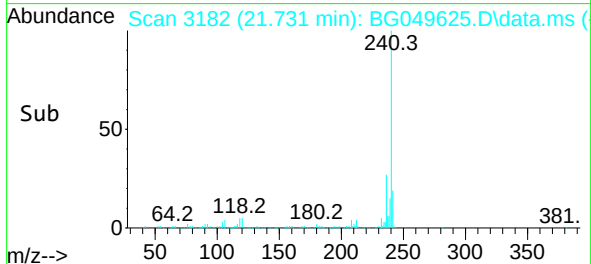
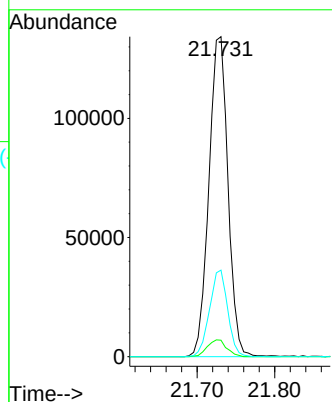
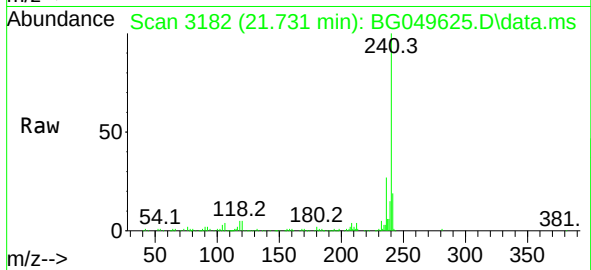




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.731 min Scan# 3182
Delta R.T. 0.003 min
Lab File: BG049625.D
Acq: 3 Aug 2021 15:46

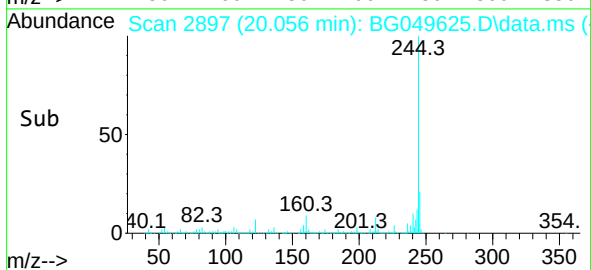
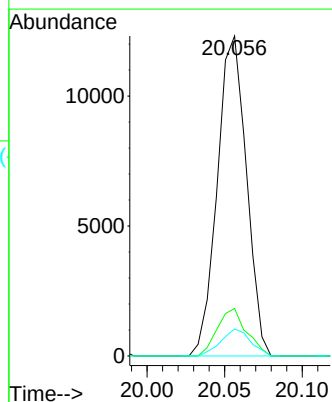
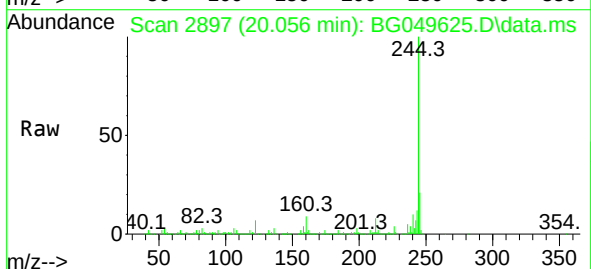
Instrument :
BNA_G
ClientSampleId :
PB138117BL

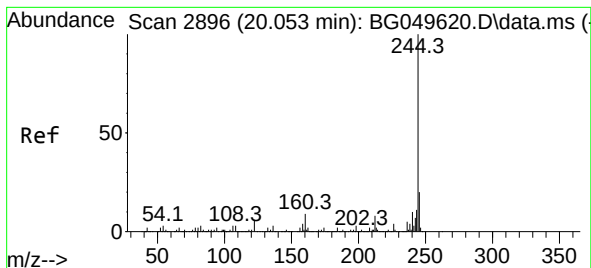
Tgt Ion:240 Resp: 229090
Ion Ratio Lower Upper
240 100
120 5.2 4.2 6.2
236 27.1 21.8 32.6



#77
Benzidine
Concen: 2.738 ng
RT: 20.056 min Scan# 2897
Delta R.T. 0.379 min
Lab File: BG049625.D
Acq: 3 Aug 2021 15:46

Tgt Ion:184 Resp: 16070
Ion Ratio Lower Upper
184 100
185 14.9 10.7 16.1
183 8.4 9.4 14.0#





#79

Terphenyl-d14

Concen: 67.272 ng

RT: 20.056 min Scan# 2897

Delta R.T. 0.003 min

Lab File: BG049625.D

Acq: 3 Aug 2021 15:46

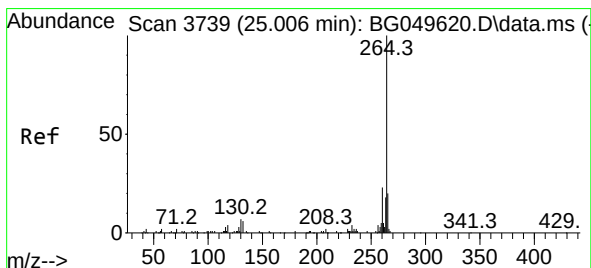
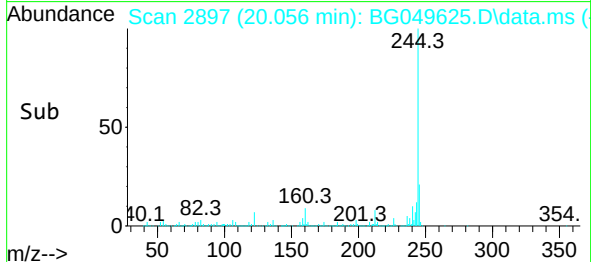
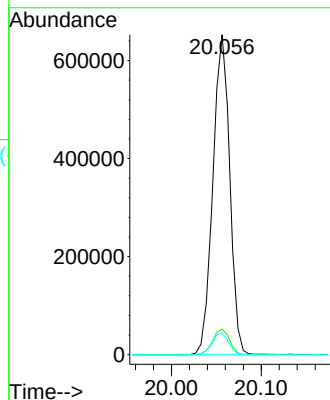
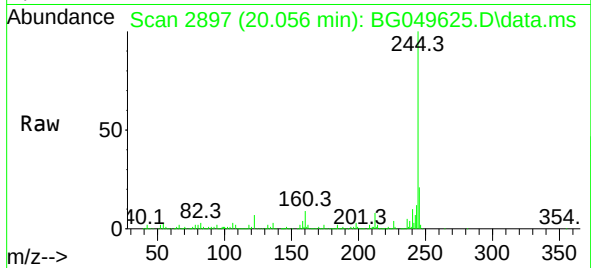
Tgt Ion:244 Resp: 848544

Ion Ratio Lower Upper

244 100

212 8.0 6.9 10.3

122 6.7 5.0 7.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.003 min Scan# 3739

Delta R.T. -0.003 min

Lab File: BG049625.D

Acq: 3 Aug 2021 15:46

Tgt Ion:264 Resp: 233458

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.2

265 22.4 16.9 25.3

