

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081122\
 Data File : BG054604.D
 Acq On : 11 Aug 2022 14:26
 Operator : CG/JU
 Sample : N3971-17
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-25R

Quant Time: Aug 12 06:02:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 08 14:48:51 2022
 Response via : Initial Calibration

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

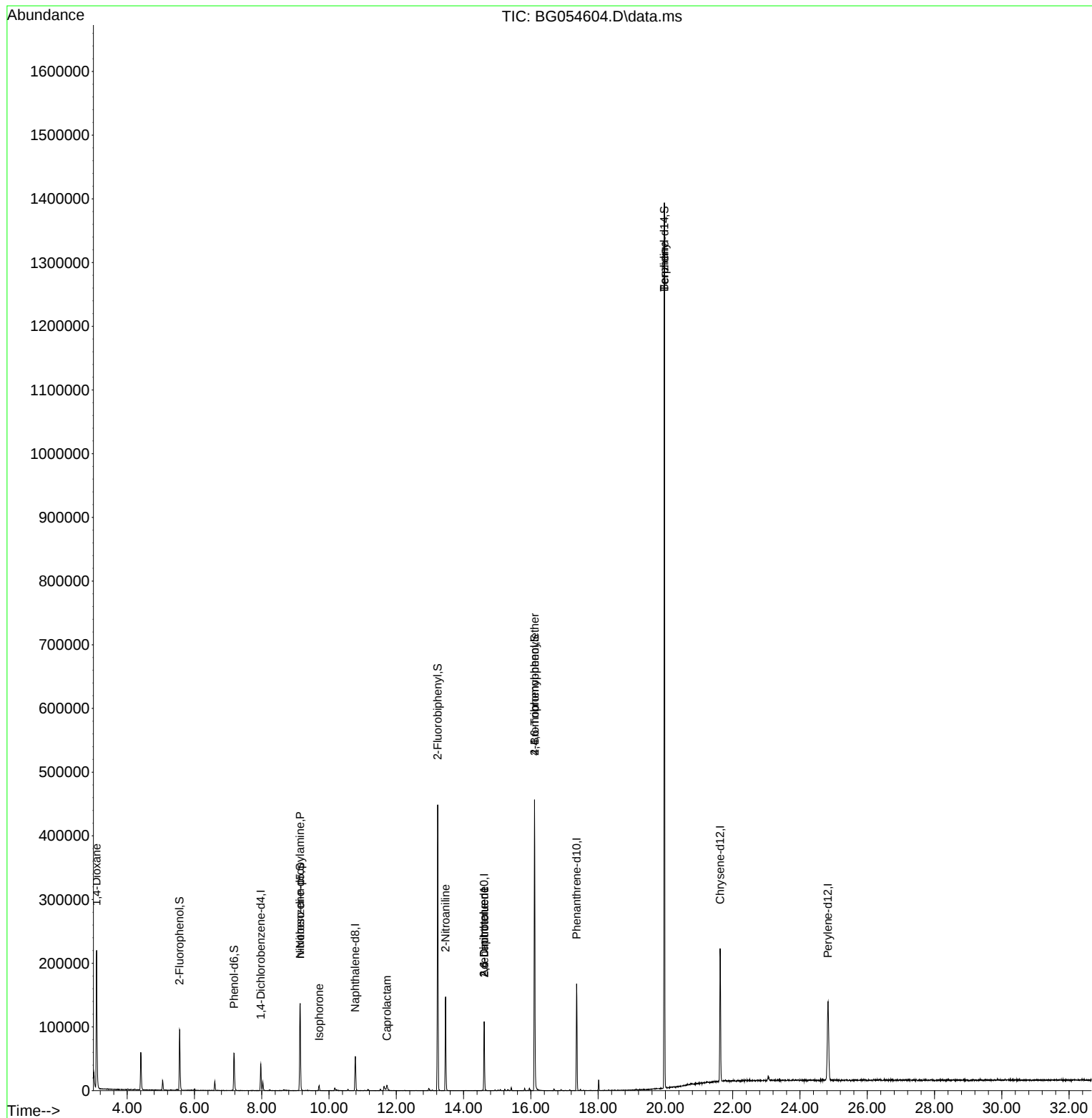
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.971	152	13608	20.000	ng	0.00
21) Naphthalene-d8	10.779	136	50891	20.000	ng	# 0.00
39) Acenaphthene-d10	14.610	164	42456	20.000	ng	0.00
64) Phenanthrene-d10	17.360	188	125159	20.000	ng	# 0.00
76) Chrysene-d12	21.625	240	154572	20.000	ng	# 0.00
86) Perylene-d12	24.828	264	157568	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.556	112	45307	69.515	ng	0.00
7) Phenol-d6	7.172	99	37258	41.719	ng	0.00
23) Nitrobenzene-d5	9.140	82	85421	91.407	ng	0.00
42) 2,4,6-Tribromophenol	16.108	330	122417	137.328	ng	0.00
45) 2-Fluorobiphenyl	13.229	172	258911	86.029	ng	0.00
79) Terphenyl-d14	19.969	244	754687	96.858	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.088	88	2502	9.649	ng	# 1
19) n-Nitroso-di-n-propyla...	9.140	70	12253	20.546	ng	# 80
25) Isophorone	9.704	82	6305	3.879	ng	# 87
35) Caprolactam	11.719	113	1674	6.926	ng	# 83
48) 2-Nitroaniline	13.464	65	4849	7.644	ng	# 18
51) 2,6-Dinitrotoluene	14.610	165	5791	7.961	ng	# 16
57) 2,4-Dinitrotoluene	14.610	165	5791	5.554	ng	# 21
67) 4-Bromophenyl-phenylether	16.108	248	7611	4.330	ng	# 1
77) Benzidine	19.969	184	9846	3.517	ng	# 96

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

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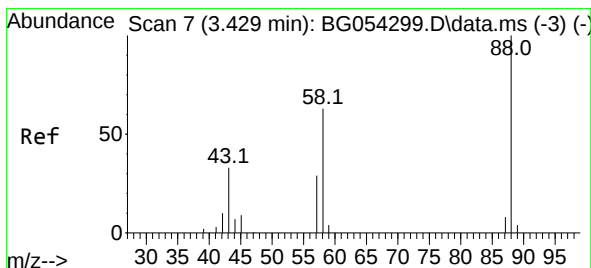
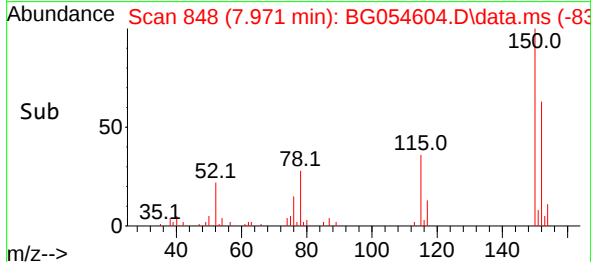
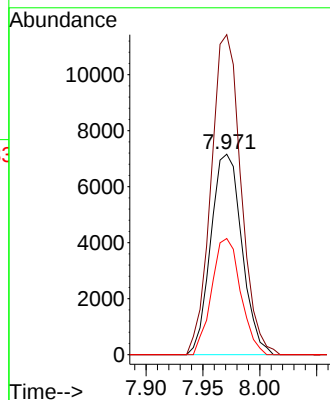
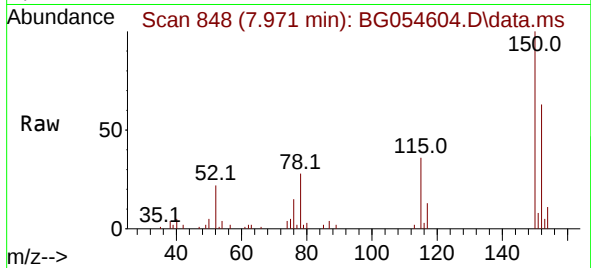




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.971 min Scan# 84
 Delta R.T. -0.001 min
 Lab File: BG054604.D
 Acq: 11 Aug 2022 14:26

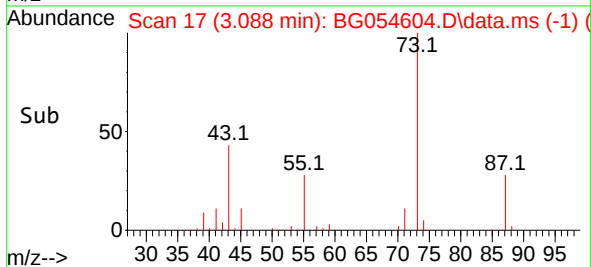
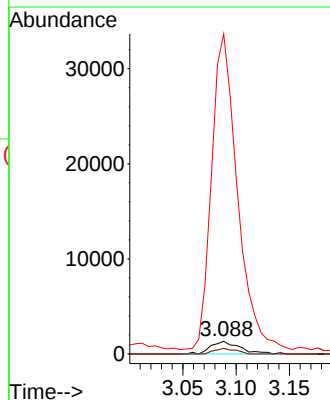
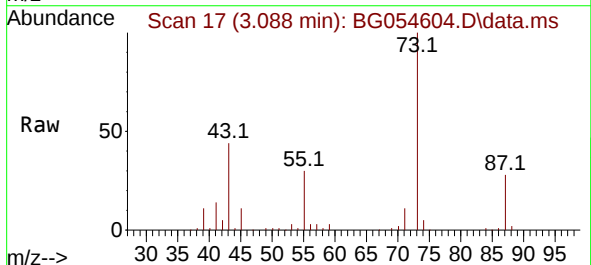
Instrument :
 BNA_G
 ClientSampleId :
 MW-25R

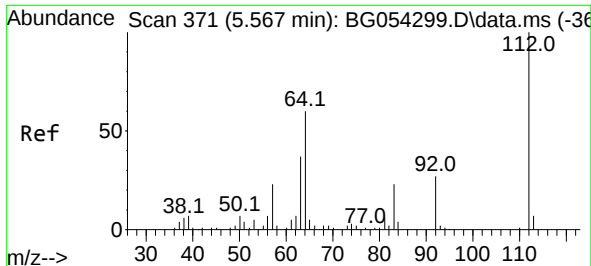
Tgt Ion:152 Resp: 13608
 Ion Ratio Lower Upper
 152 100
 150 159.6 131.6 197.4
 115 57.9 50.9 76.3



#2
 1,4-Dioxane
 Concen: 9.649 ng
 RT: 3.088 min Scan# 17
 Delta R.T. -0.307 min
 Lab File: BG054604.D
 Acq: 11 Aug 2022 14:26

Tgt Ion: 88 Resp: 2502
 Ion Ratio Lower Upper
 88 100
 58 32.6 59.2 88.8#
 43 2225.0 24.3 36.5#

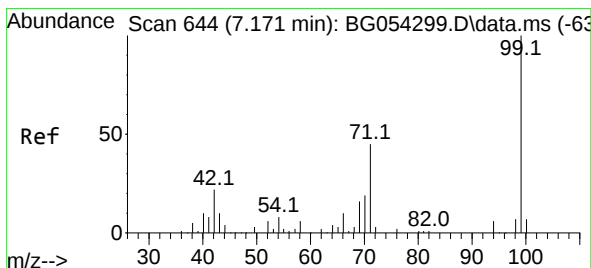
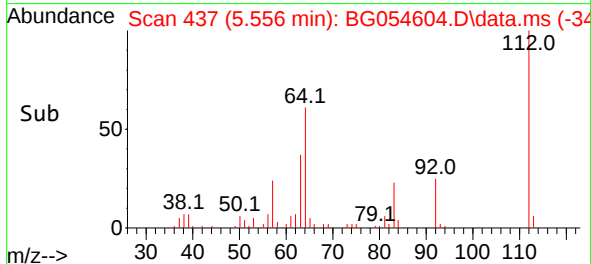
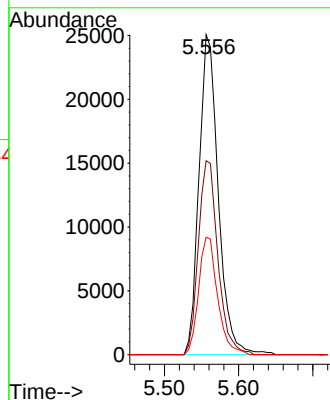
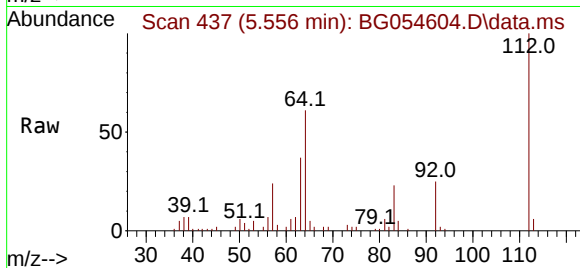




#5
2-Fluorophenol
Concen: 69.515 ng
RT: 5.556 min Scan# 41
Delta R.T. -0.007 min
Lab File: BG054604.D
Acq: 11 Aug 2022 14:26

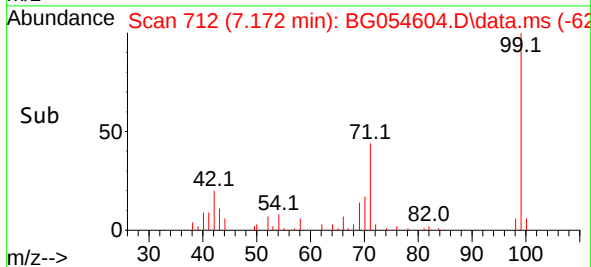
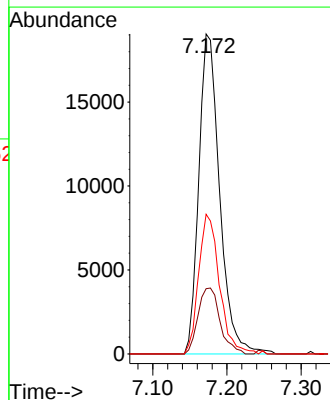
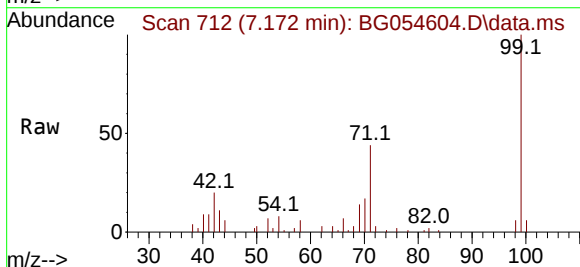
Instrument :
BNA_G
ClientSampleId :
MW-25R

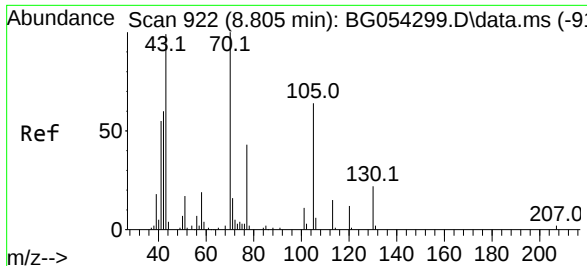
Tgt Ion:112 Resp: 45307
Ion Ratio Lower Upper
112 100
64 60.6 55.1 82.7
63 36.7 30.4 45.6



#7
Phenol-d6
Concen: 41.719 ng
RT: 7.172 min Scan# 712
Delta R.T. -0.007 min
Lab File: BG054604.D
Acq: 11 Aug 2022 14:26

Tgt Ion: 99 Resp: 37258
Ion Ratio Lower Upper
99 100
42 20.4 17.0 25.6
71 43.7 33.8 50.8

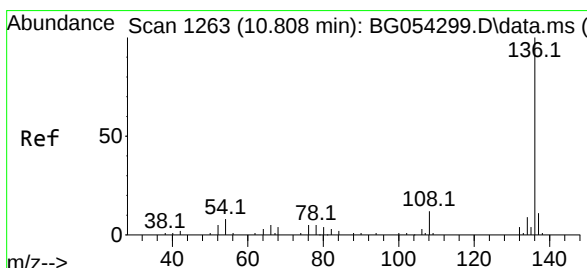
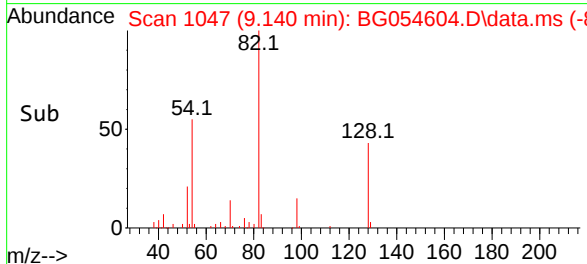
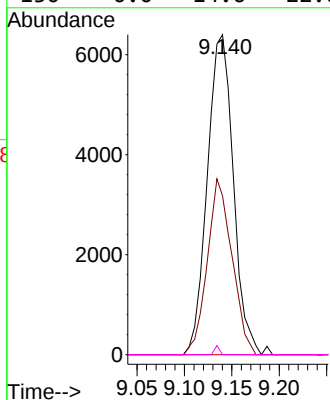
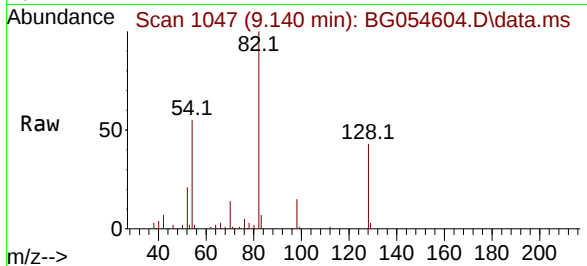




#19
n-Nitroso-di-n-propylamine
Concen: 20.546 ng
RT: 9.140 min Scan# 1047
Delta R.T. 0.357 min
Lab File: BG054604.D
Acq: 11 Aug 2022 14:26

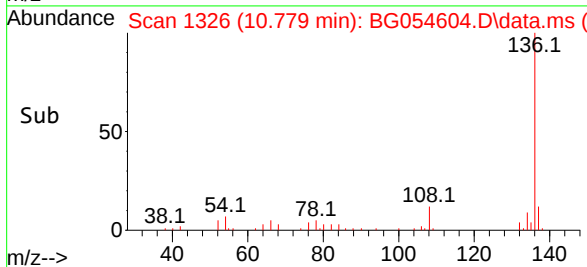
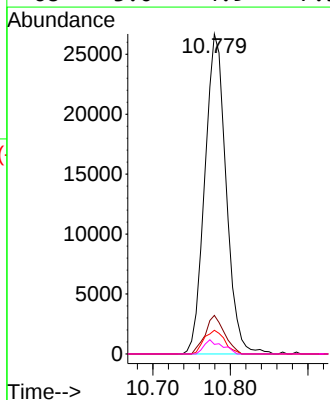
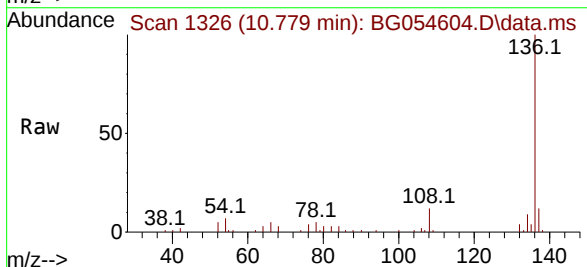
Instrument :
BNA_G
ClientSampleId :
MW-25R

Tgt Ion:	70	Resp:	12253
Ion	Ratio	Lower	Upper
70	100		
42	49.6	47.3	70.9
101	0.0	7.0	10.4#
130	0.0	14.6	22.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.779 min Scan# 1326
Delta R.T. -0.007 min
Lab File: BG054604.D
Acq: 11 Aug 2022 14:26

Tgt Ion:	136	Resp:	50891
Ion	Ratio	Lower	Upper
136	100		
137	12.0	8.5	12.7
54	7.4	7.4	11.2#
68	3.0	4.9	7.3#

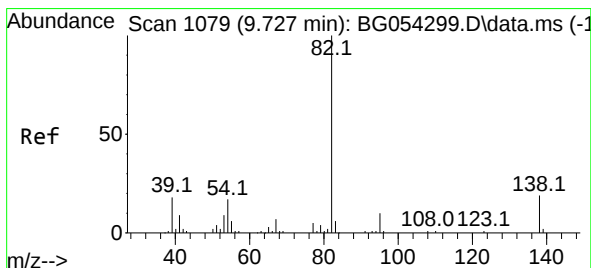
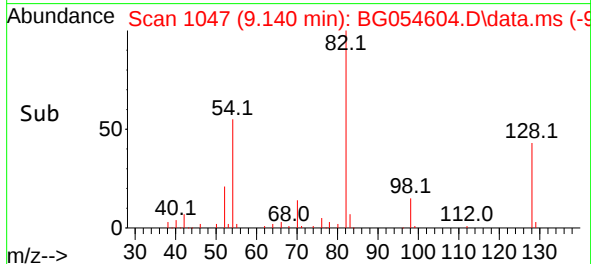
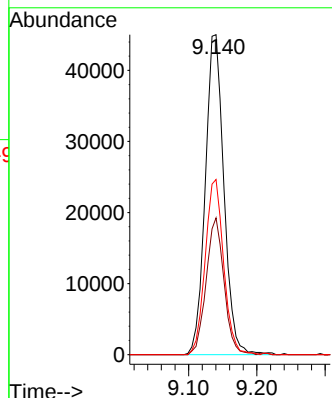
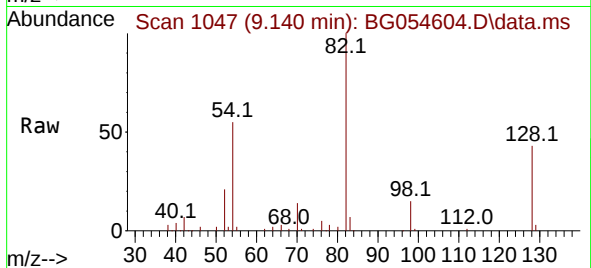




#23
Nitrobenzene-d5
Concen: 91.407 ng
RT: 9.140 min Scan# 1143
Delta R.T. -0.001 min
Lab File: BG054604.D
Acq: 11 Aug 2022 14:26

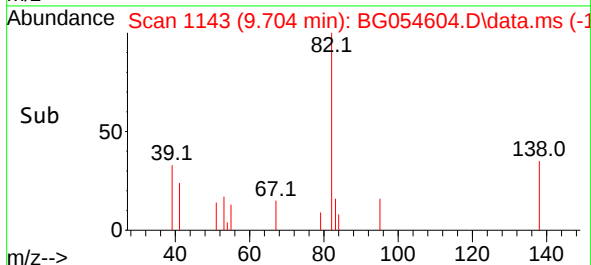
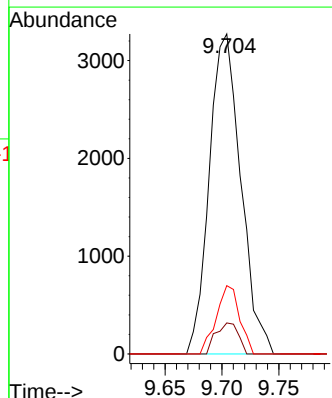
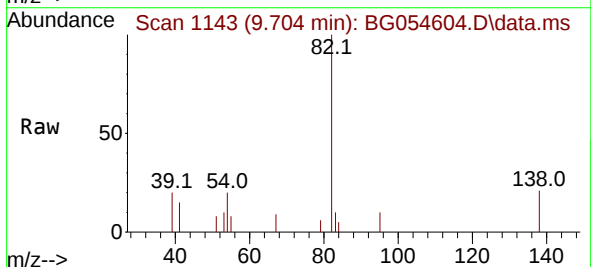
Instrument :
BNA_G
ClientSampleId :
MW-25R

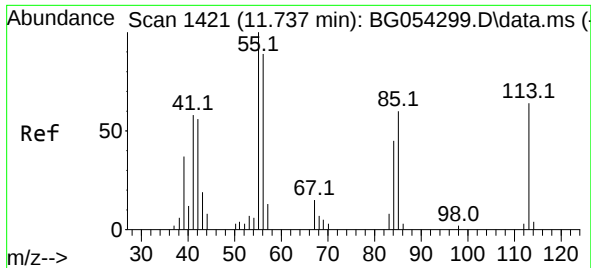
Tgt Ion: 82 Resp: 85421
Ion Ratio Lower Upper
82 100
128 42.8 27.9 41.9#
54 54.8 41.2 61.8



#25
Isophorone
Concen: 3.879 ng
RT: 9.704 min Scan# 1143
Delta R.T. -0.001 min
Lab File: BG054604.D
Acq: 11 Aug 2022 14:26

Tgt Ion: 82 Resp: 6305
Ion Ratio Lower Upper
82 100
95 9.7 6.2 9.4#
138 21.4 11.6 17.4#

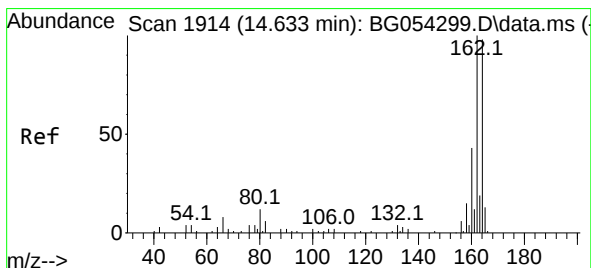
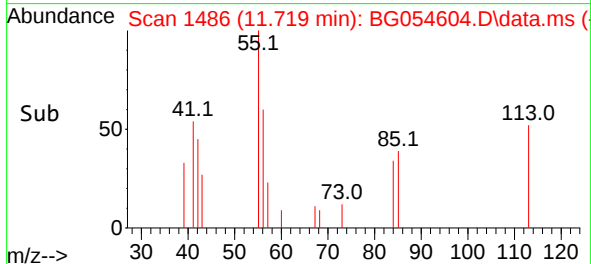
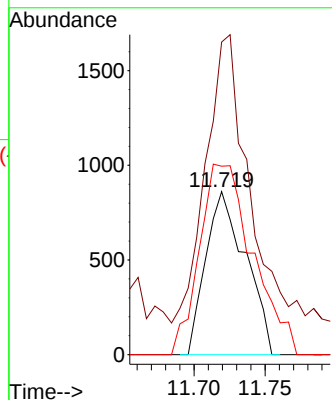
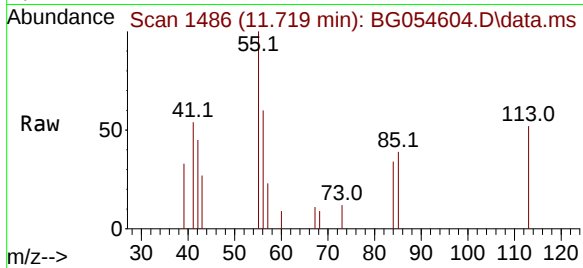




#35
Caprolactam
Concen: 6.926 ng
RT: 11.719 min Scan# 1421
Delta R.T. -0.007 min
Lab File: BG054604.D
Acq: 11 Aug 2022 14:26

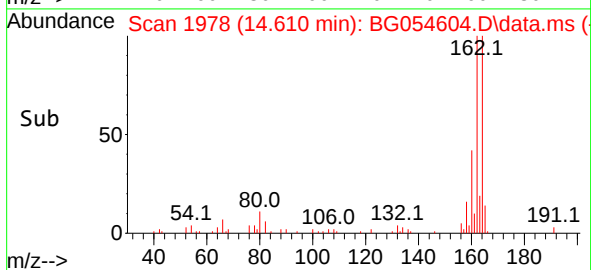
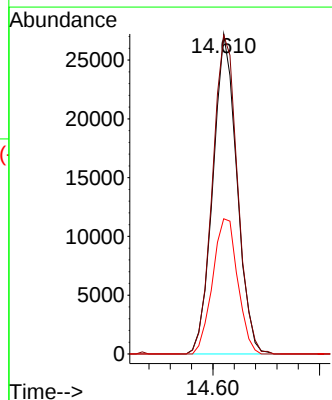
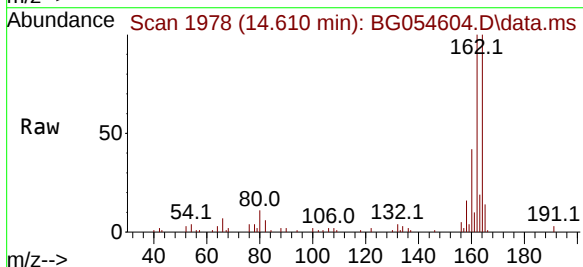
Instrument :
BNA_G
ClientSampleId :
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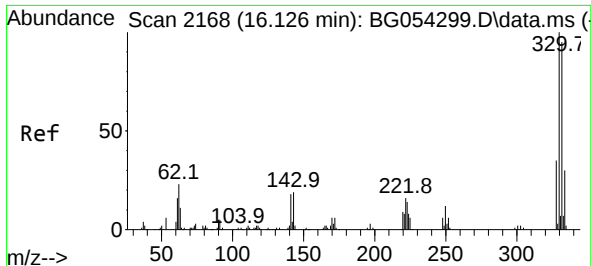
Tgt Ion:113 Resp: 1674
Ion Ratio Lower Upper
113 100
55 191.8 169.8 209.8
56 115.6 141.2 181.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.610 min Scan# 1978
Delta R.T. -0.007 min
Lab File: BG054604.D
Acq: 11 Aug 2022 14:26

Tgt Ion:164 Resp: 42456
Ion Ratio Lower Upper
164 100
162 99.6 82.3 123.5
160 42.3 34.2 51.2

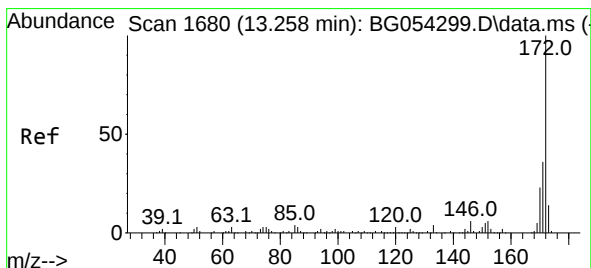
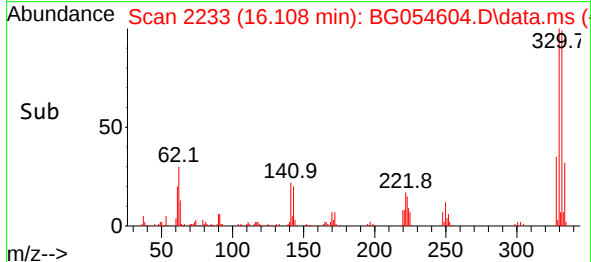
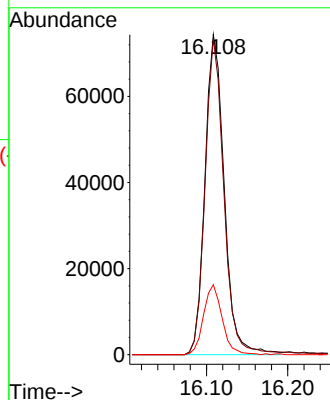
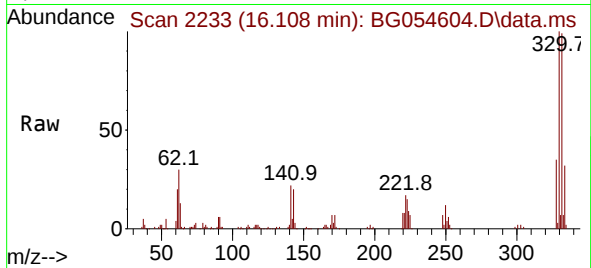




#42
2,4,6-Tribromophenol
Concen: 137.328 ng
RT: 16.108 min Scan# 2168
Delta R.T. -0.007 min
Lab File: BG054604.D
Acq: 11 Aug 2022 14:26

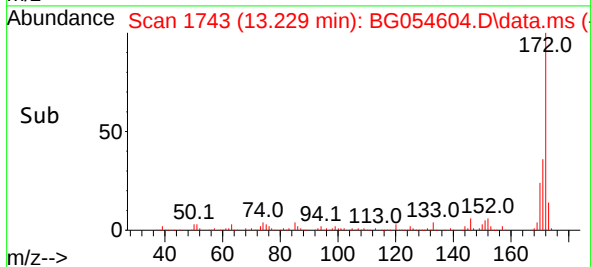
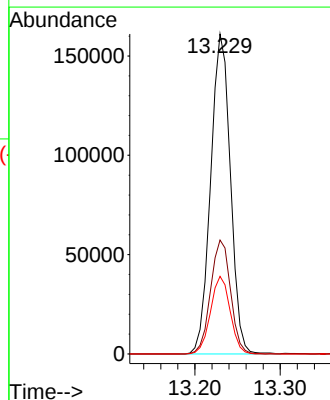
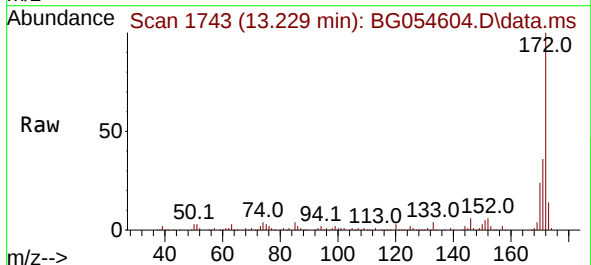
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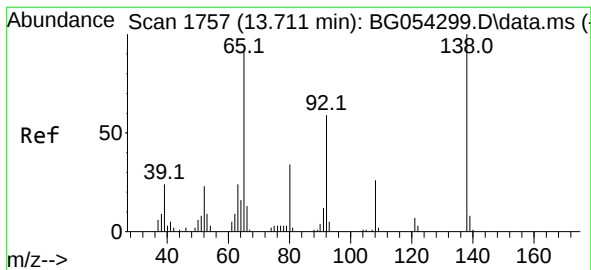
Tgt Ion:330 Resp: 122417
Ion Ratio Lower Upper
330 100
332 96.8 76.0 114.0
141 21.1 27.1 40.7#



#45
2-Fluorobiphenyl
Concen: 86.029 ng
RT: 13.229 min Scan# 1743
Delta R.T. -0.007 min
Lab File: BG054604.D
Acq: 11 Aug 2022 14:26

Tgt Ion:172 Resp: 258911
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 24.3 18.9 28.3





#48

2-Nitroaniline

Concen: 7.644 ng

RT: 13.464 min Scan# 1

Delta R.T. -0.236 min

Lab File: BG054604.D

Acq: 11 Aug 2022 14:26

Instrument :

BNA_G

ClientSampleId :

MW-25R

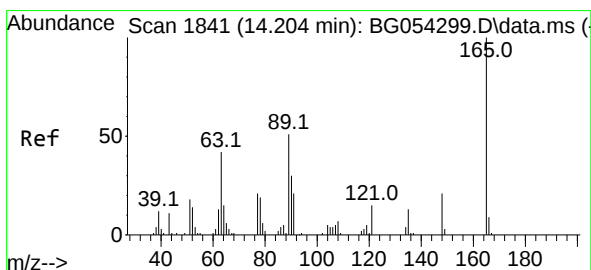
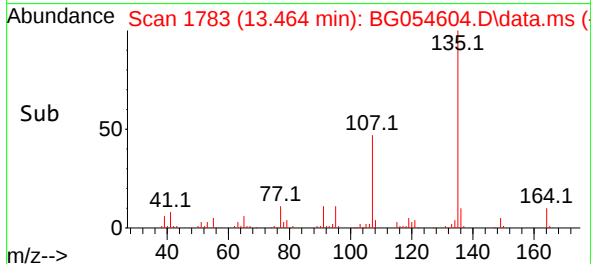
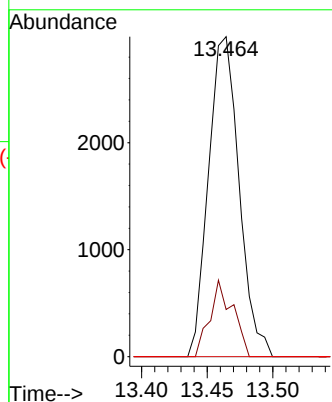
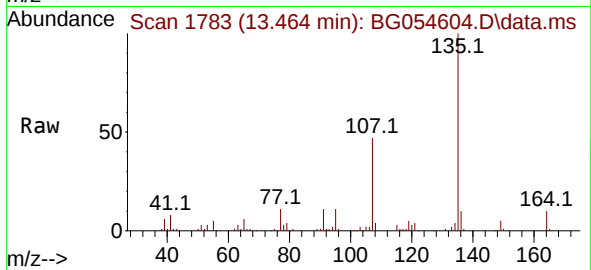
Tgt Ion: 65 Resp: 4849

Ion Ratio Lower Upper

65 100

92 14.7 51.5 77.3#

138 0.0 71.3 106.9#



#51

2,6-Dinitrotoluene

Concen: 7.961 ng

RT: 14.610 min Scan# 1978

Delta R.T. 0.416 min

Lab File: BG054604.D

Acq: 11 Aug 2022 14:26

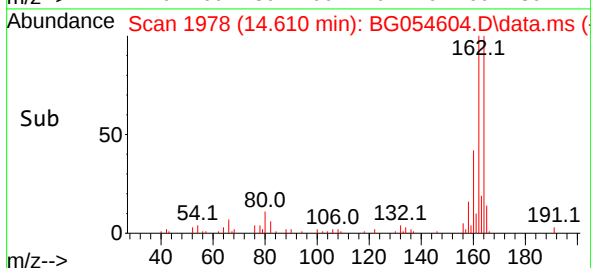
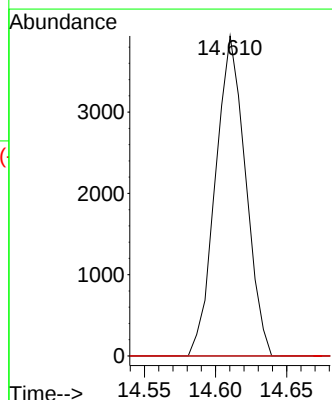
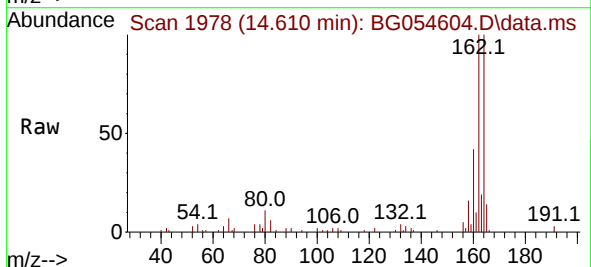
Tgt Ion:165 Resp: 5791

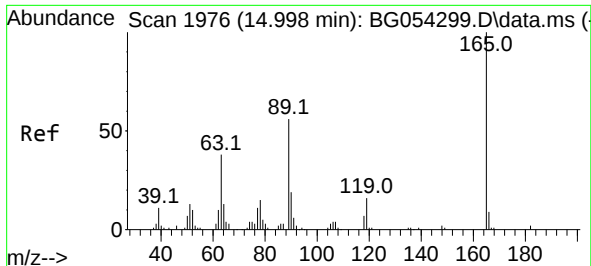
Ion Ratio Lower Upper

165 100

63 0.0 54.1 81.1#

89 0.0 54.8 82.2#

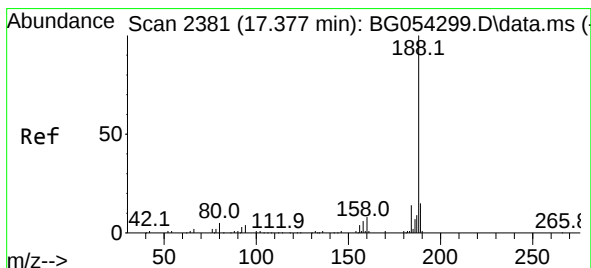
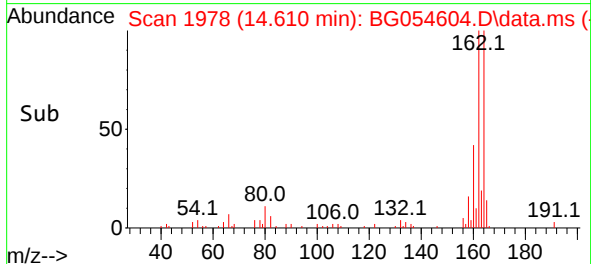
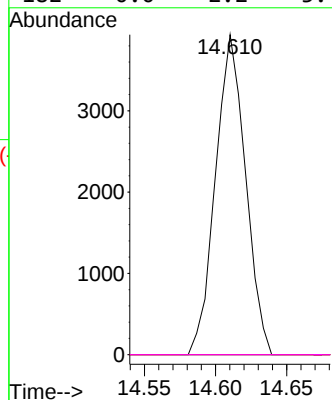
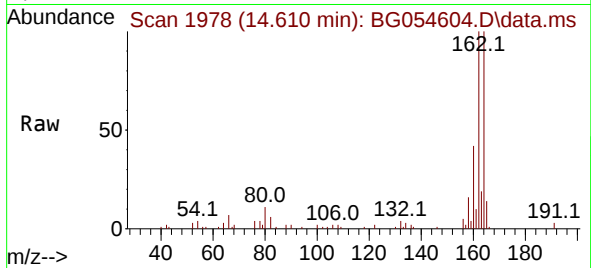




#57
2,4-Dinitrotoluene
Concen: 5.554 ng
RT: 14.610 min Scan# 14
Delta R.T. -0.383 min
Lab File: BG054604.D
Acq: 11 Aug 2022 14:26

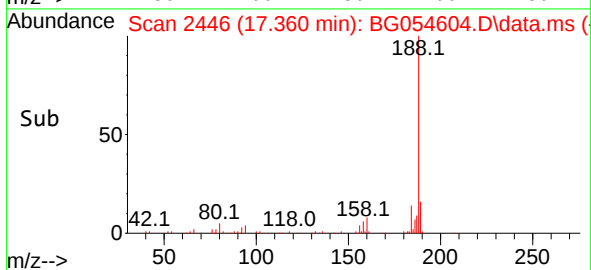
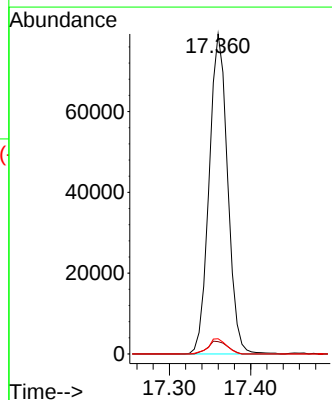
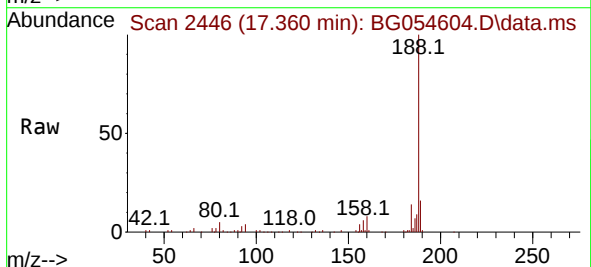
Instrument :
BNA_G
ClientSampleId :
MW-25R

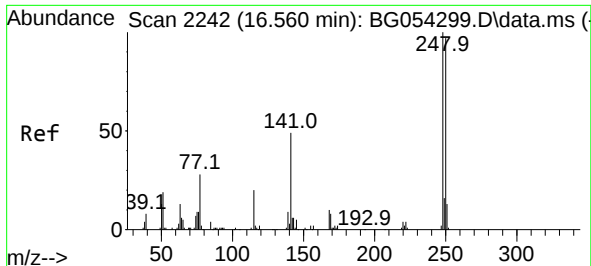
Tgt Ion:165 Resp: 5791
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.360 min Scan# 2446
Delta R.T. -0.001 min
Lab File: BG054604.D
Acq: 11 Aug 2022 14:26

Tgt Ion:188 Resp: 125159
Ion Ratio Lower Upper
188 100
94 3.9 5.4 8.0#
80 4.7 6.8 10.2#

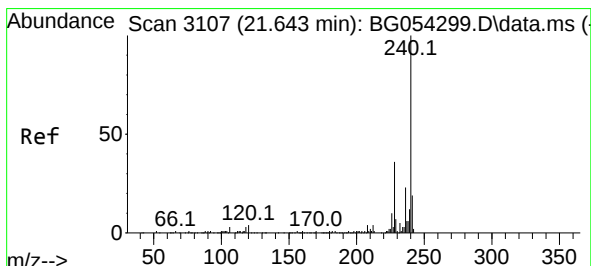
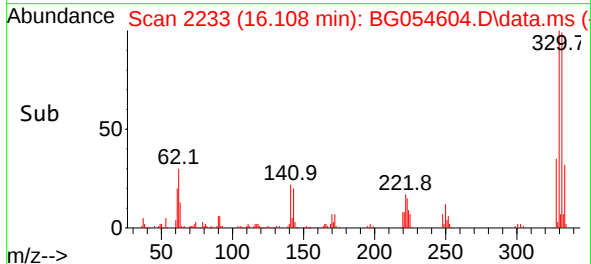
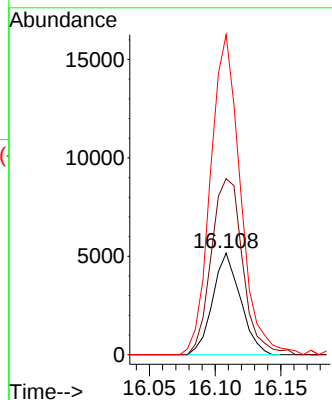
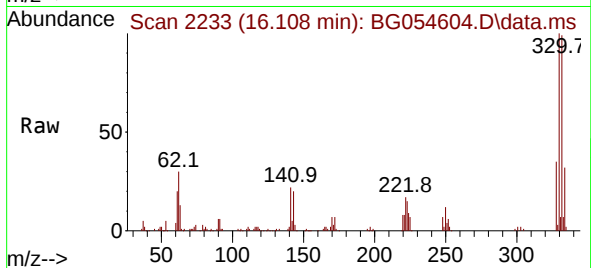




#67
4-Bromophenyl-phenylether
Concen: 4.330 ng
RT: 16.108 min Scan# 21
Delta R.T. -0.436 min
Lab File: BG054604.D
Acq: 11 Aug 2022 14:26

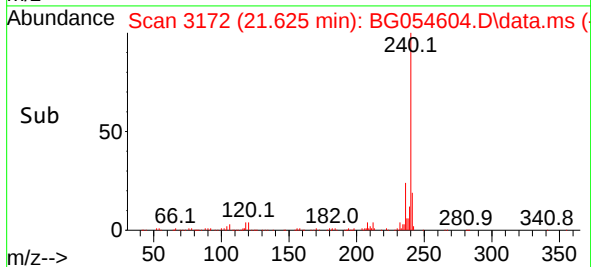
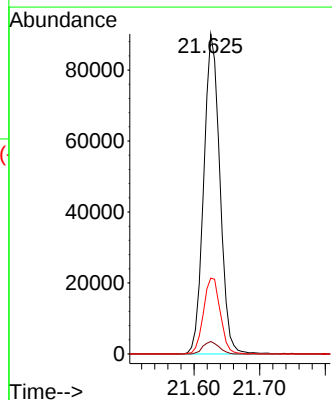
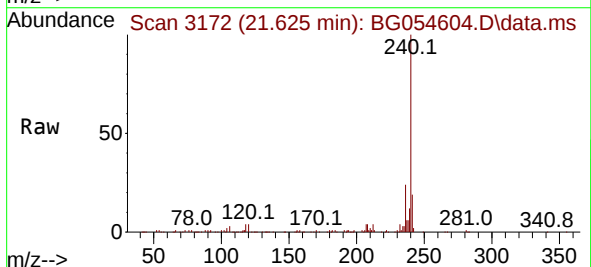
Instrument :
BNA_G
ClientSampleId :
MW-25R

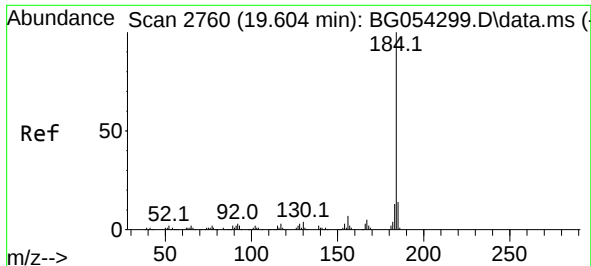
Tgt Ion:248 Resp: 7611
Ion Ratio Lower Upper
248 100
250 134.8 75.2 112.8#
141 245.2 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.625 min Scan# 3172
Delta R.T. -0.007 min
Lab File: BG054604.D
Acq: 11 Aug 2022 14:26

Tgt Ion:240 Resp: 154572
Ion Ratio Lower Upper
240 100
120 3.9 4.6 7.0#
236 23.7 20.2 30.4

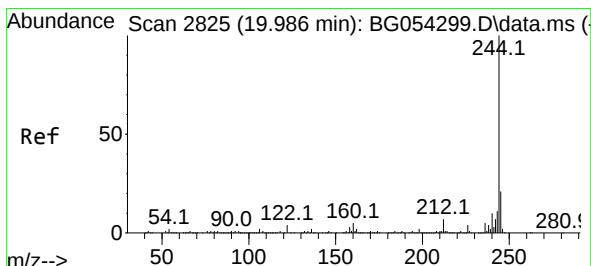
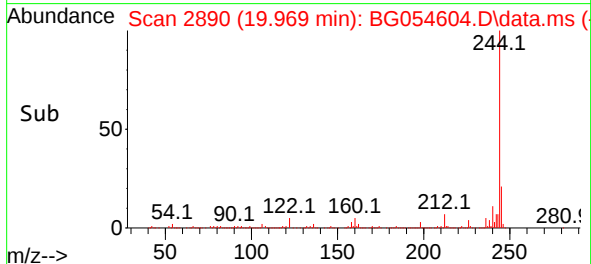
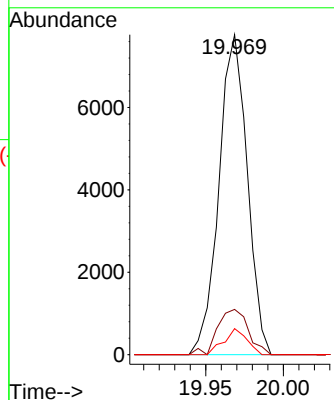
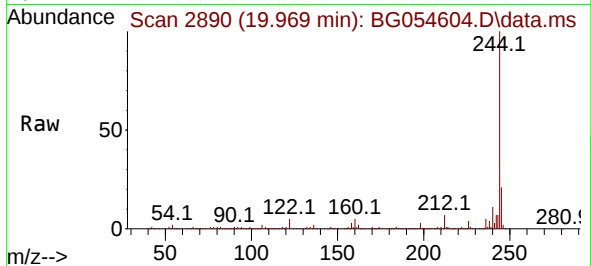




#77
Benzidine
Concen: 3.517 ng
RT: 19.969 min Scan# 2890
Delta R.T. 0.375 min
Lab File: BG054604.D
Acq: 11 Aug 2022 14:26

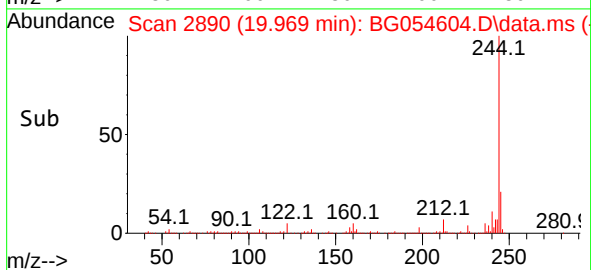
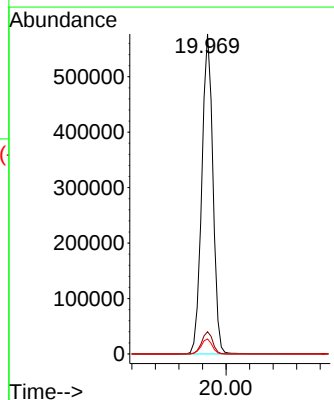
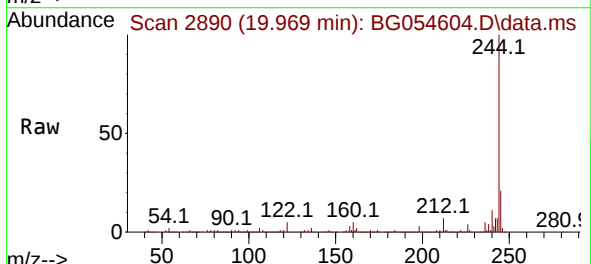
Instrument :
BNA_G
ClientSampleId :
MW-25R

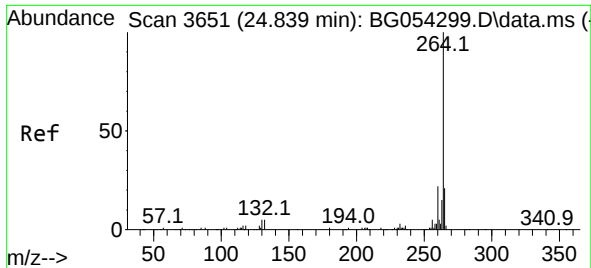
Tgt Ion:184 Resp: 9846
Ion Ratio Lower Upper
184 100
185 14.2 11.8 17.6
183 8.1 8.9 13.3#



#79
Terphenyl-d14
Concen: 96.858 ng
RT: 19.969 min Scan# 2890
Delta R.T. -0.001 min
Lab File: BG054604.D
Acq: 11 Aug 2022 14:26

Tgt Ion:244 Resp: 754687
Ion Ratio Lower Upper
244 100
212 7.0 6.5 9.7
122 4.7 5.0 7.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.828 min Scan# 31
 Delta R.T. -0.007 min
 Lab File: BG054604.D
 Acq: 11 Aug 2022 14:26

Instrument :
 BNA_G
 ClientSampleId :
 MW-25R

Tgt Ion:264 Resp: 157568

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.6
265	21.0	17.4	26.2

