

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081122\
 Data File : BG054605.D
 Acq On : 11 Aug 2022 15:07
 Operator : CG/JU
 Sample : N3972-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SPN-1

Quant Time: Aug 12 06:03:11 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)

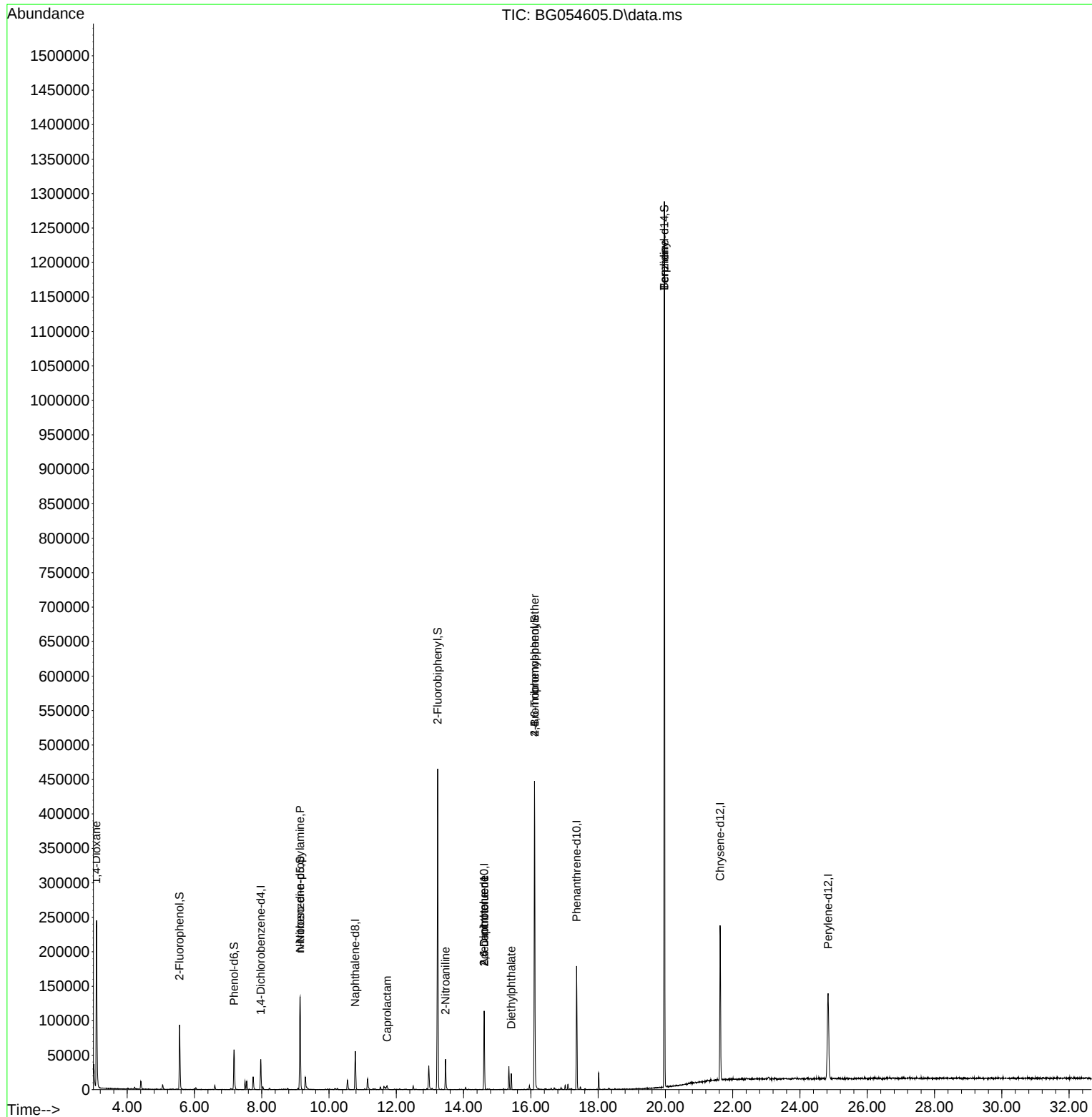
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.971	152	13648	20.000	ng	0.00
21) Naphthalene-d8	10.779	136	51622	20.000	ng	# 0.00
39) Acenaphthene-d10	14.610	164	43753	20.000	ng	0.00
64) Phenanthrene-d10	17.360	188	126593	20.000	ng	# 0.00
76) Chrysene-d12	21.625	240	158703	20.000	ng	# 0.00
86) Perylene-d12	24.833	264	162792	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.556	112	44006	67.321	ng	0.00
7) Phenol-d6	7.172	99	35474	39.605	ng	0.00
23) Nitrobenzene-d5	9.140	82	84546	89.189	ng	0.00
42) 2,4,6-Tribromophenol	16.108	330	120994	131.708	ng	0.00
45) 2-Fluorobiphenyl	13.229	172	255585	82.406	ng	0.00
79) Terphenyl-d14	19.969	244	719408	89.927	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.082	88	2325	8.940	ng	# 1
19) n-Nitroso-di-n-propyla...	9.134	70	12327	20.609	ng	# 80
35) Caprolactam	11.725	113	1001	4.083	ng	# 62
48) 2-Nitroaniline	13.464	65	1569	2.400	ng	# 10
51) 2,6-Dinitrotoluene	14.610	165	5863	7.822	ng	# 16
57) 2,4-Dinitrotoluene	14.610	165	5863	5.456	ng	# 21
60) Diethylphthalate	15.415	149	14464	4.412	ng	95
67) 4-Bromophenyl-phenylether	16.108	248	7422	4.175	ng	# 1
77) Benzidine	19.969	184	9588	3.336	ng	# 94

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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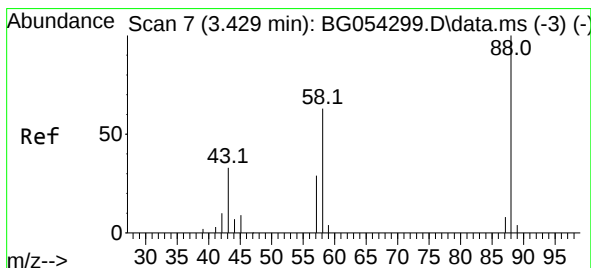
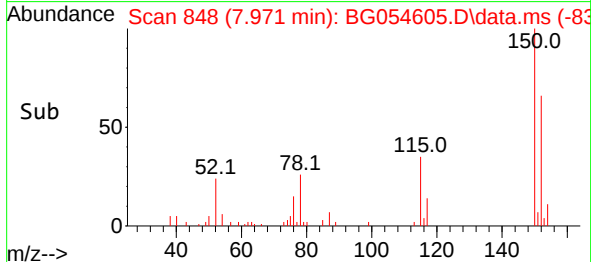
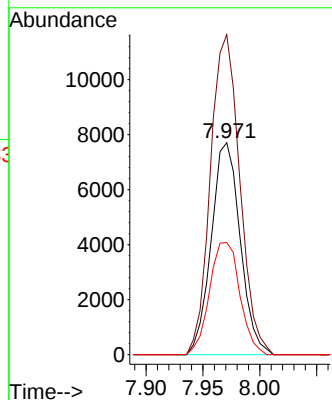
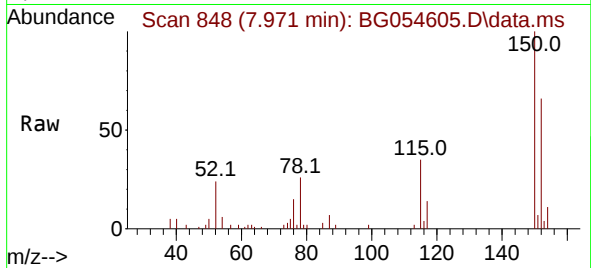




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.971 min Scan# 84
 Delta R.T. -0.001 min
 Lab File: BG054605.D
 Acq: 11 Aug 2022 15:07

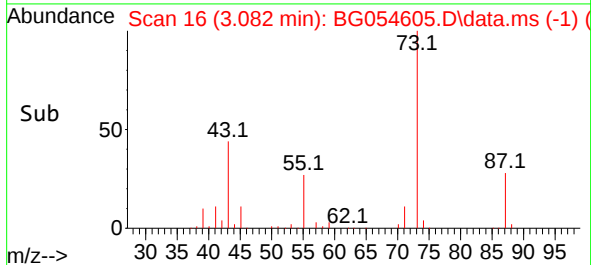
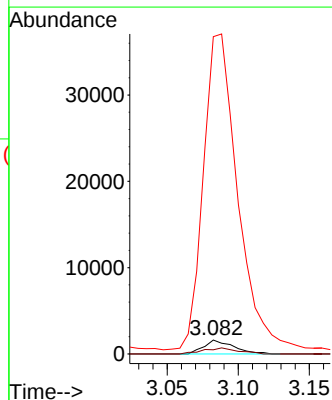
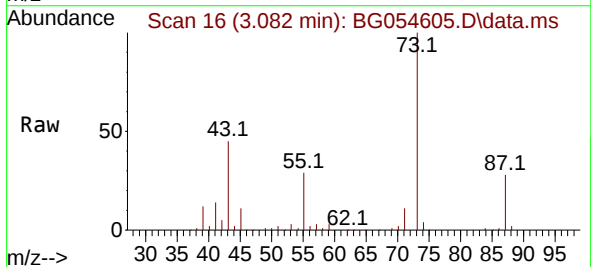
Instrument :
 BNA_G
 ClientSampleId :
 SPN-1

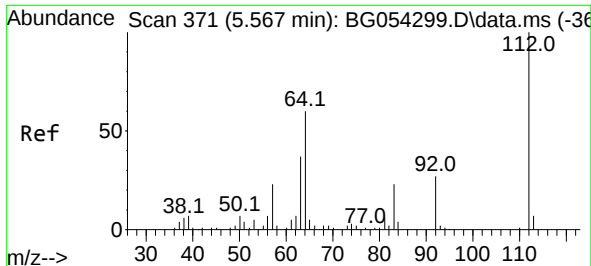
Tgt Ion:152 Resp: 13648
 Ion Ratio Lower Upper
 152 100
 150 151.0 131.6 197.4
 115 52.9 50.9 76.3



#2
 1,4-Dioxane
 Concen: 8.940 ng
 RT: 3.082 min Scan# 16
 Delta R.T. -0.313 min
 Lab File: BG054605.D
 Acq: 11 Aug 2022 15:07

Tgt Ion: 88 Resp: 2325
 Ion Ratio Lower Upper
 88 100
 58 50.6 59.2 88.8#
 43 2691.9 24.3 36.5#

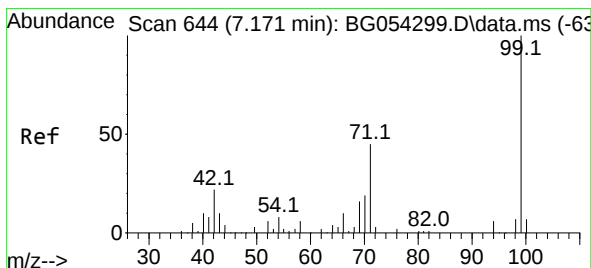
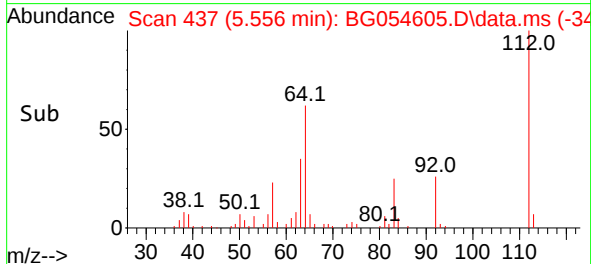
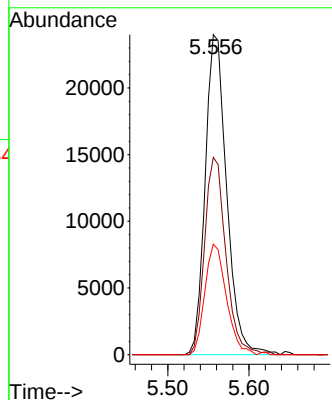
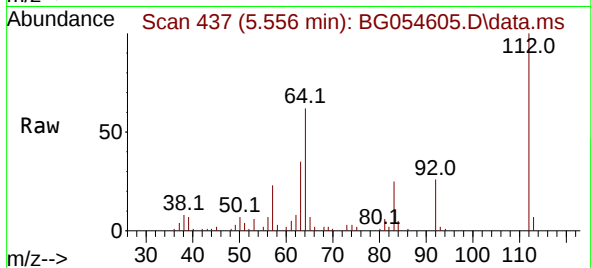




#5
2-Fluorophenol
Concen: 67.321 ng
RT: 5.556 min Scan# 41
Delta R.T. -0.007 min
Lab File: BG054605.D
Acq: 11 Aug 2022 15:07

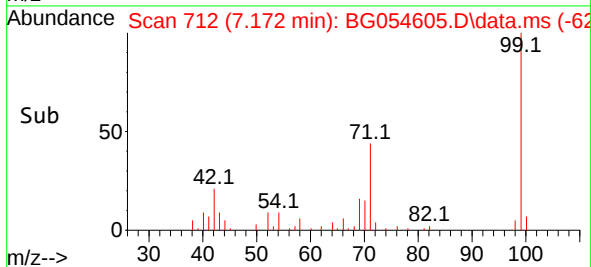
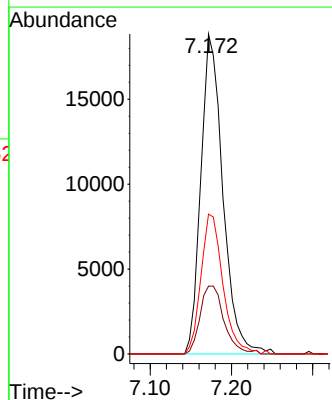
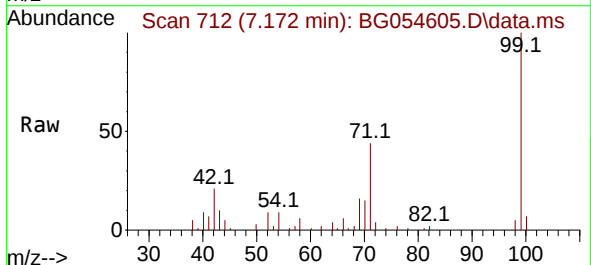
Instrument :
BNA_G
ClientSampleId :
SPN-1

Tgt Ion:112 Resp: 44006
Ion Ratio Lower Upper
112 100
64 61.7 55.1 82.7
63 34.5 30.4 45.6



#7
Phenol-d6
Concen: 39.605 ng
RT: 7.172 min Scan# 712
Delta R.T. -0.007 min
Lab File: BG054605.D
Acq: 11 Aug 2022 15:07

Tgt Ion: 99 Resp: 35474
Ion Ratio Lower Upper
99 100
42 21.2 17.0 25.6
71 43.7 33.8 50.8

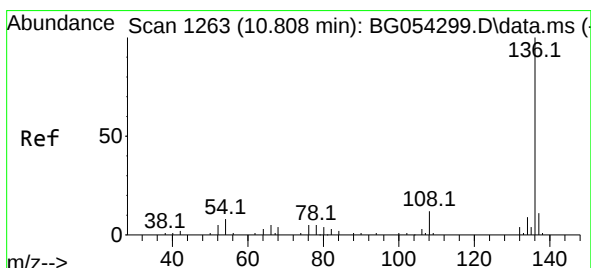
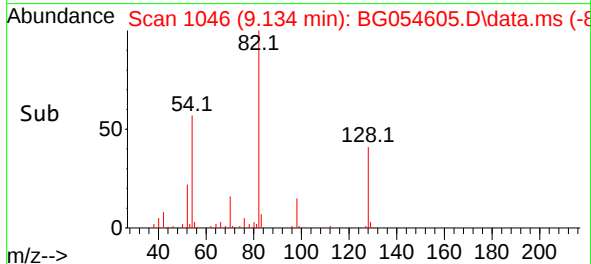
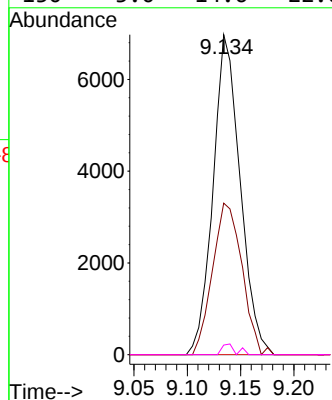
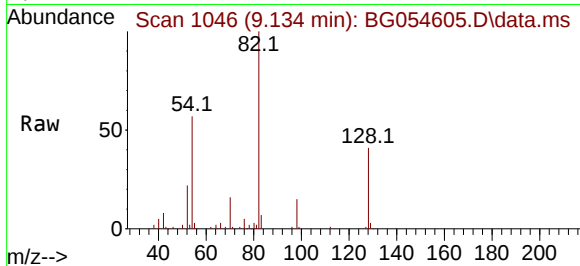




#19
n-Nitroso-di-n-propylamine
Concen: 20.609 ng
RT: 9.134 min Scan# 1046
Delta R.T. 0.351 min
Lab File: BG054605.D
Acq: 11 Aug 2022 15:07

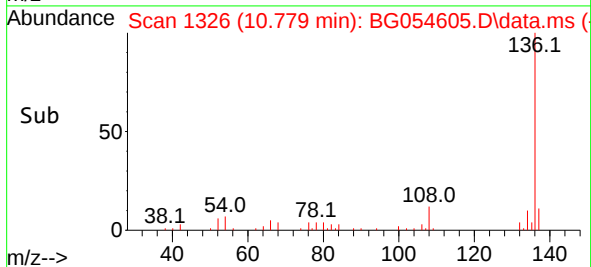
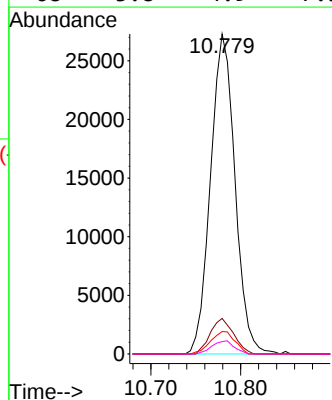
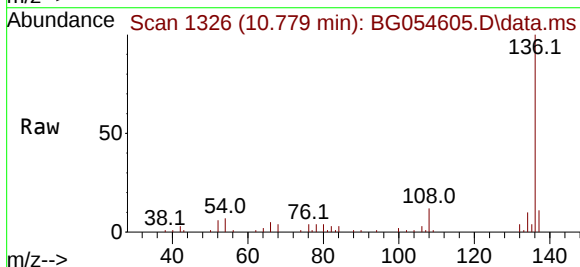
Instrument :
BNA_G
ClientSampleId :
SPN-1

Tgt Ion: 70	Resp: 12327
Ion Ratio	Lower Upper
70 100	
42 47.4	47.3 70.9
101 0.0	7.0 10.4#
130 3.0	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: BG054605.D
Acq: 11 Aug 2022 15:07

Tgt Ion: 136	Resp: 51622
Ion Ratio	Lower Upper
136 100	
137 11.1	8.5 12.7
54 7.0	7.4 11.2#
68 3.8	4.9 7.3#

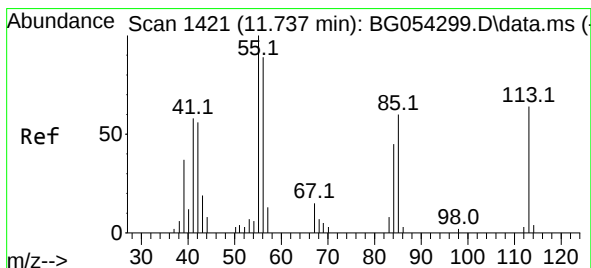
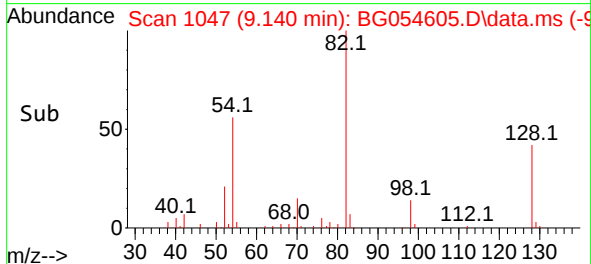
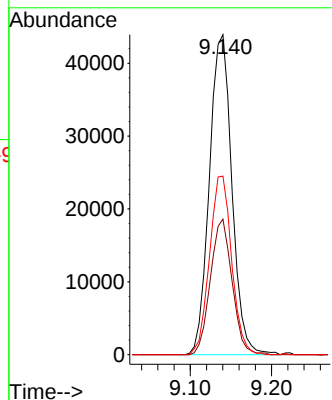
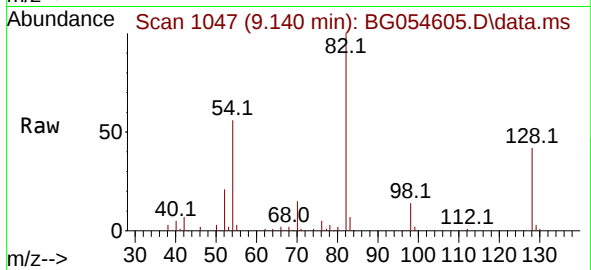




#23
Nitrobenzene-d5
Concen: 89.189 ng
RT: 9.140 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG054605.D
Acq: 11 Aug 2022 15:07

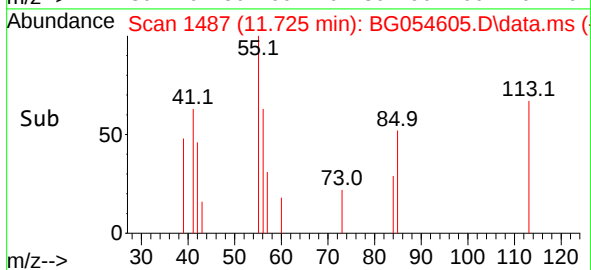
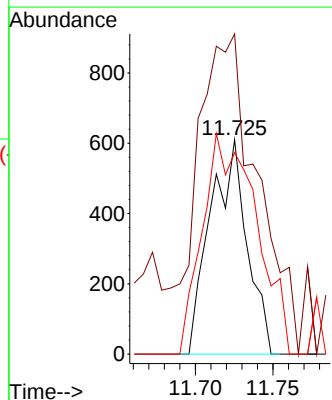
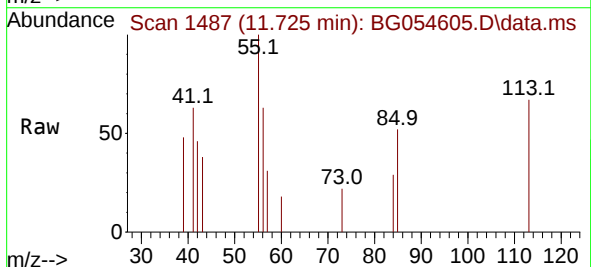
Instrument :
BNA_G
ClientSampleId :
SPN-1

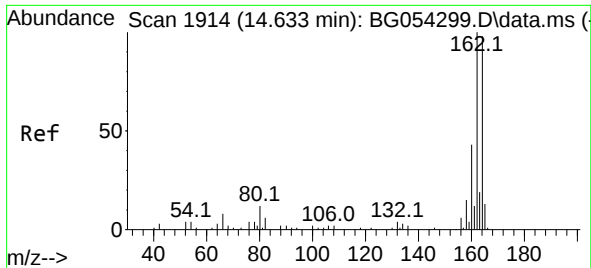
Tgt Ion: 82 Resp: 84546
Ion Ratio Lower Upper
82 100
128 42.3 27.9 41.9#
54 55.8 41.2 61.8



#35
Caprolactam
Concen: 4.083 ng
RT: 11.725 min Scan# 1487
Delta R.T. -0.001 min
Lab File: BG054605.D
Acq: 11 Aug 2022 15:07

Tgt Ion: 113 Resp: 1001
Ion Ratio Lower Upper
113 100
55 149.3 169.8 209.8#
56 93.9 141.2 181.2#

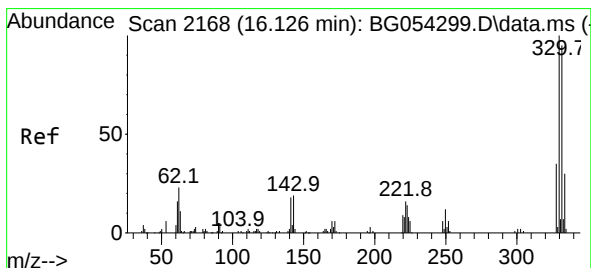
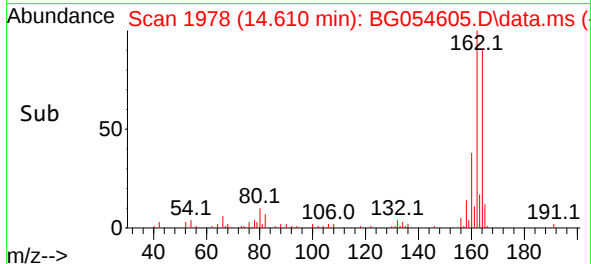
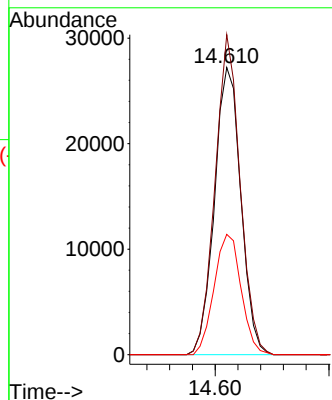
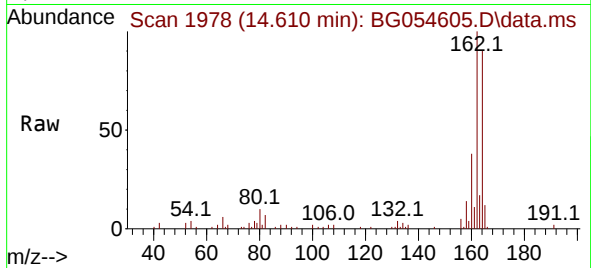




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.610 min Scan# 1914
Delta R.T. -0.007 min
Lab File: BG054605.D
Acq: 11 Aug 2022 15:07

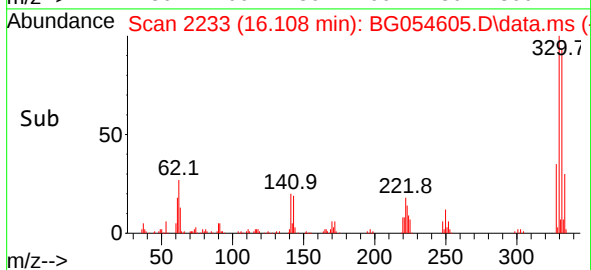
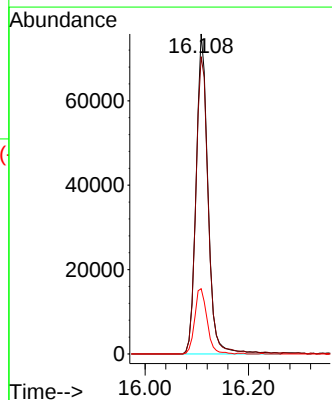
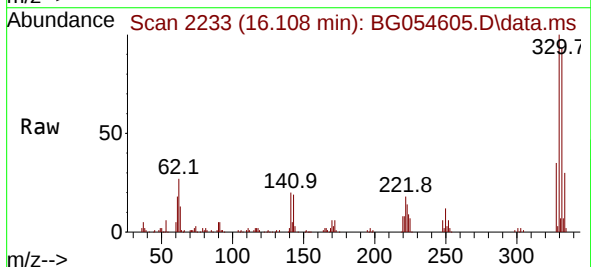
Instrument :
BNA_G
ClientSampleId :
SPN-1

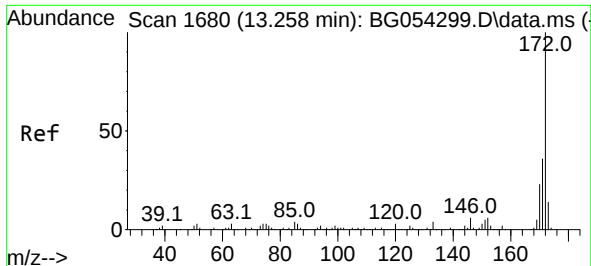
Tgt Ion:164 Resp: 43753
Ion Ratio Lower Upper
164 100
162 111.4 82.3 123.5
160 41.9 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 131.708 ng
RT: 16.108 min Scan# 2233
Delta R.T. -0.007 min
Lab File: BG054605.D
Acq: 11 Aug 2022 15:07

Tgt Ion:330 Resp: 120994
Ion Ratio Lower Upper
330 100
332 96.2 76.0 114.0
141 21.2 27.1 40.7#

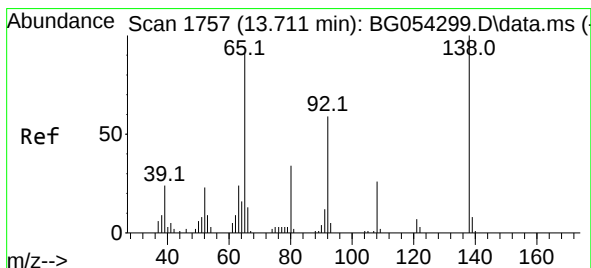
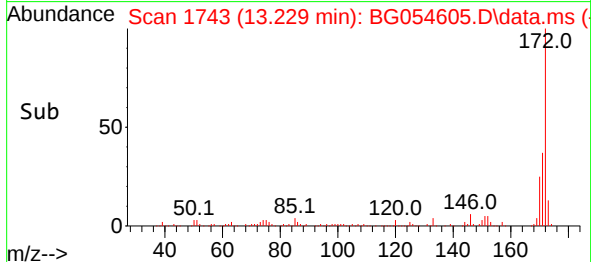
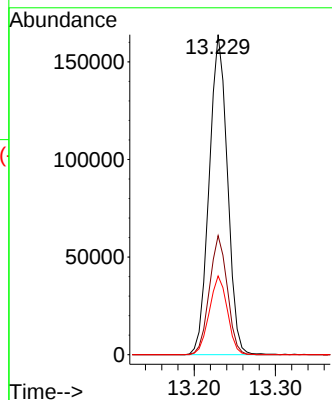
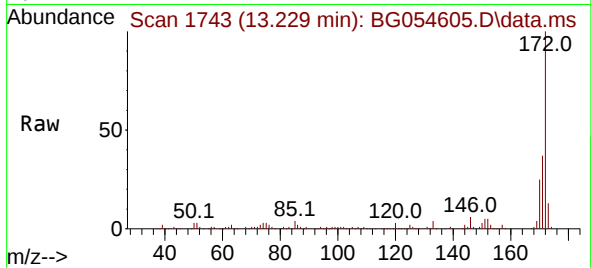




#45
2-Fluorobiphenyl
Concen: 82.406 ng
RT: 13.229 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG054605.D
Acq: 11 Aug 2022 15:07

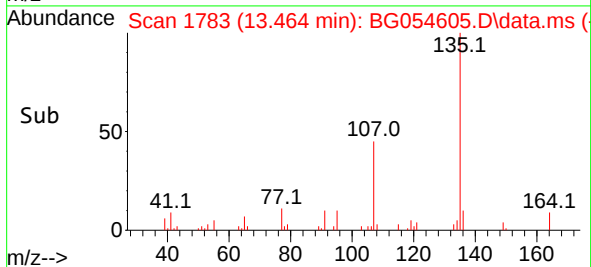
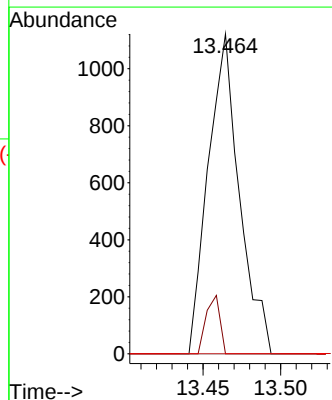
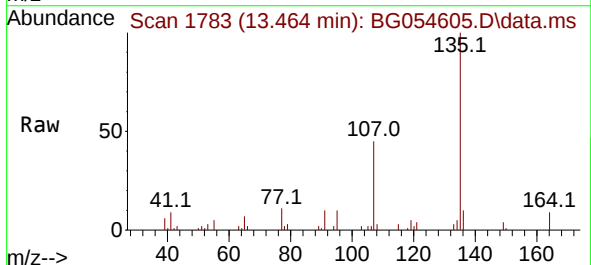
Instrument :
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ClientSampleId :
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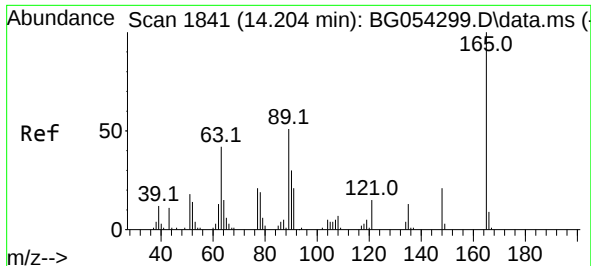
Tgt Ion:172 Resp: 255585
Ion Ratio Lower Upper
172 100
171 37.2 28.5 42.7
170 24.6 18.9 28.3



#48
2-Nitroaniline
Concen: 2.400 ng
RT: 13.464 min Scan# 1783
Delta R.T. -0.236 min
Lab File: BG054605.D
Acq: 11 Aug 2022 15:07

Tgt Ion: 65 Resp: 1569
Ion Ratio Lower Upper
65 100
92 0.0 51.5 77.3#
138 0.0 71.3 106.9#

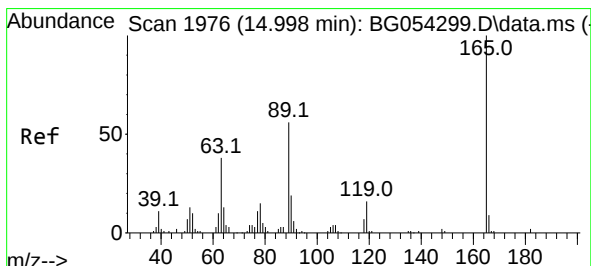
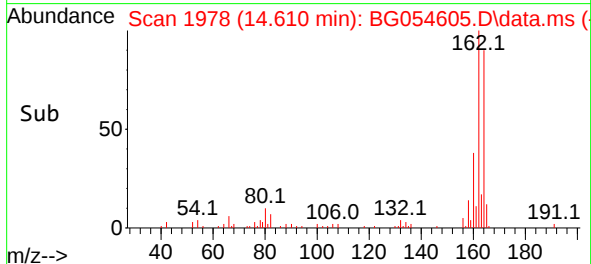
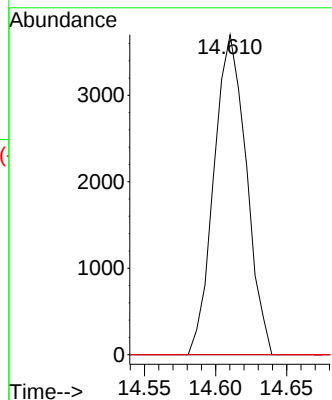
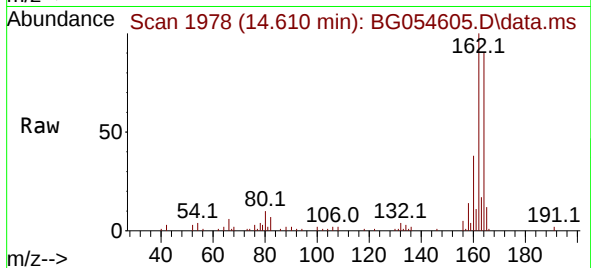




#51
2,6-Dinitrotoluene
Concen: 7.822 ng
RT: 14.610 min Scan# 1978
Delta R.T. 0.416 min
Lab File: BG054605.D
Acq: 11 Aug 2022 15:07

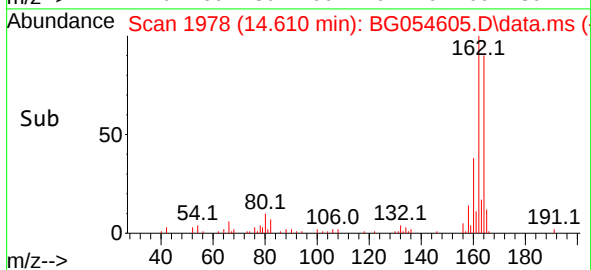
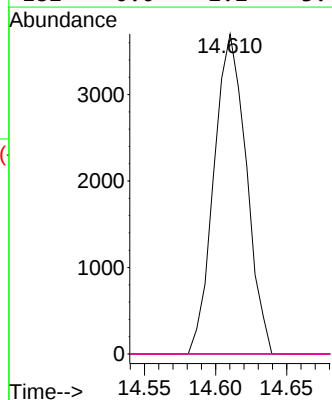
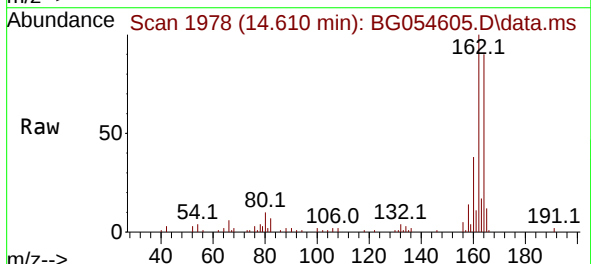
Instrument :
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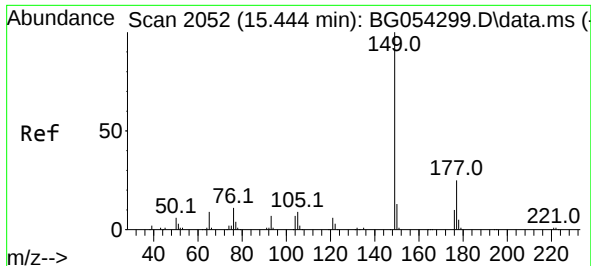
Tgt Ion:165 Resp: 5863
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#



#57
2,4-Dinitrotoluene
Concen: 5.456 ng
RT: 14.610 min Scan# 1978
Delta R.T. -0.383 min
Lab File: BG054605.D
Acq: 11 Aug 2022 15:07

Tgt Ion:165 Resp: 5863
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#

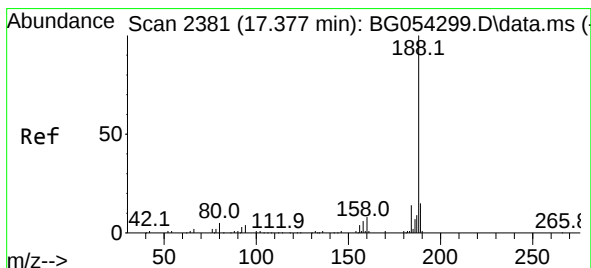
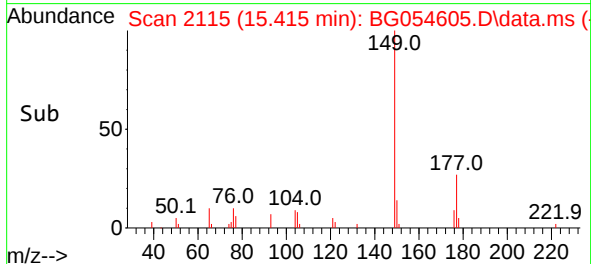
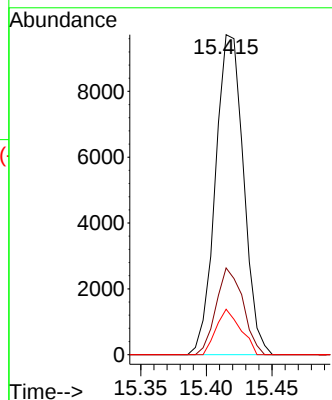
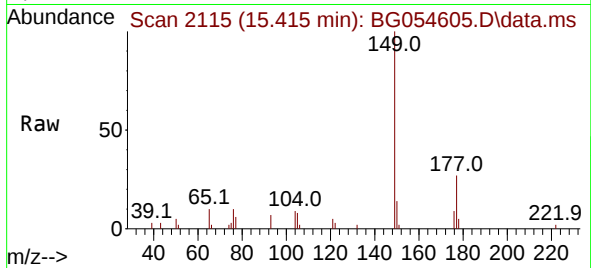




#60
Diethylphthalate
Concen: 4.412 ng
RT: 15.415 min Scan# 2115
Delta R.T. -0.007 min
Lab File: BG054605.D
Acq: 11 Aug 2022 15:07

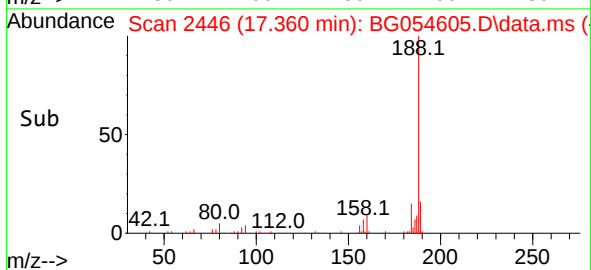
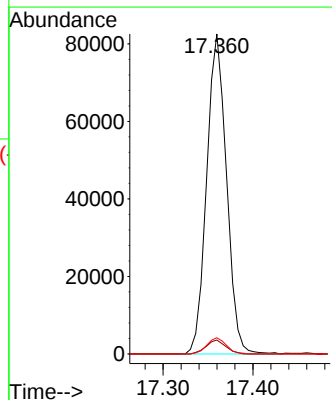
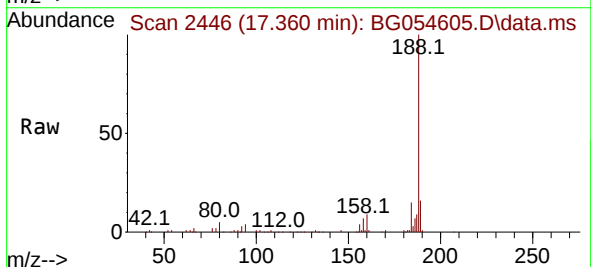
Instrument :
BNA_G
ClientSampleId :
SPN-1

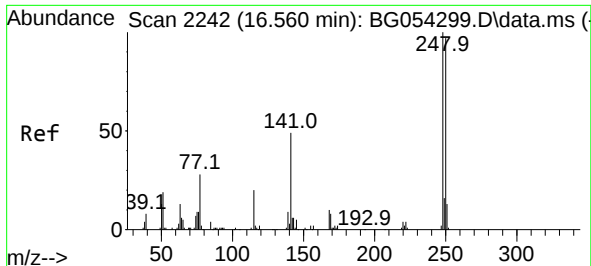
Tgt Ion:149 Resp: 14464
Ion Ratio Lower Upper
149 100
177 27.1 18.4 27.6
150 14.2 11.2 16.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.360 min Scan# 2446
Delta R.T. -0.001 min
Lab File: BG054605.D
Acq: 11 Aug 2022 15:07

Tgt Ion:188 Resp: 126593
Ion Ratio Lower Upper
188 100
94 4.4 5.4 8.0#
80 5.1 6.8 10.2#

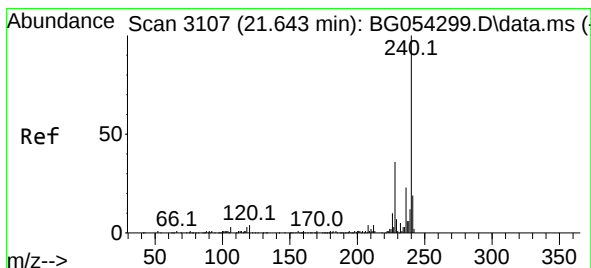
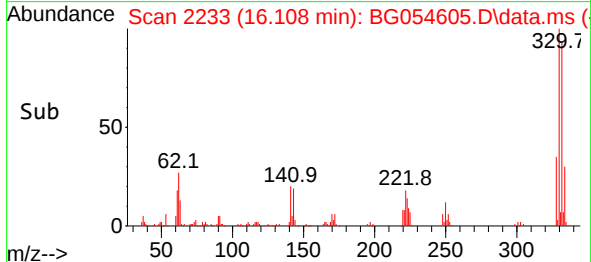
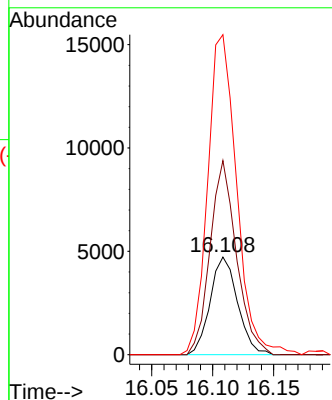
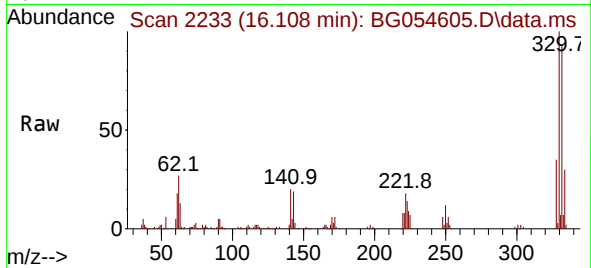




#67
4-Bromophenyl-phenylether
Concen: 4.175 ng
RT: 16.108 min Scan# 21
Delta R.T. -0.436 min
Lab File: BG054605.D
Acq: 11 Aug 2022 15:07

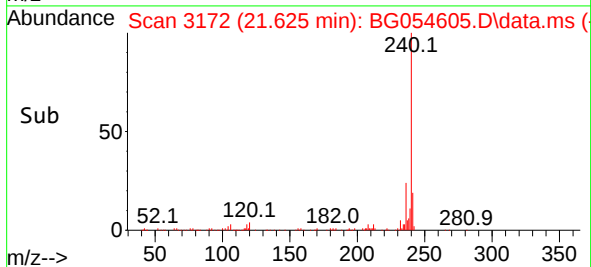
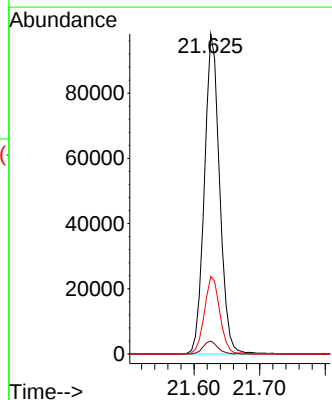
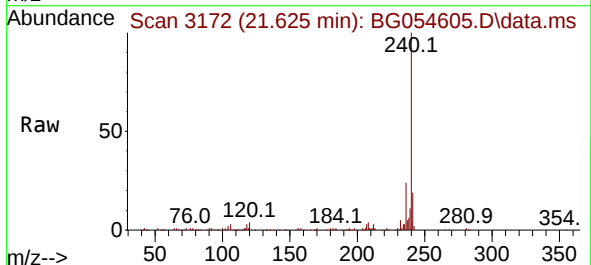
Instrument :
BNA_G
ClientSampleId :
SPN-1

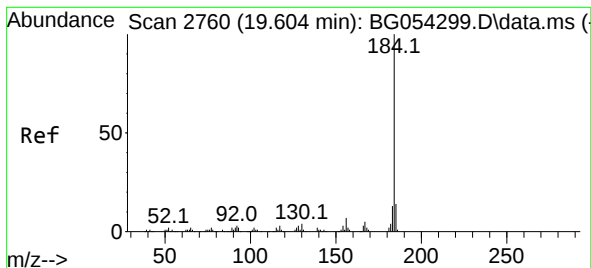
Tgt Ion:248 Resp: 7422
Ion Ratio Lower Upper
248 100
250 198.9 75.2 112.8#
141 327.9 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.625 min Scan# 3172
Delta R.T. -0.007 min
Lab File: BG054605.D
Acq: 11 Aug 2022 15:07

Tgt Ion:240 Resp: 158703
Ion Ratio Lower Upper
240 100
120 4.0 4.6 7.0#
236 24.2 20.2 30.4





#77

Benzidine

Concen: 3.336 ng

RT: 19.969 min Scan# 21

Delta R.T. 0.375 min

Lab File: BG054605.D

Acq: 11 Aug 2022 15:07

Instrument :

BNA_G

ClientSampleId :

SPN-1

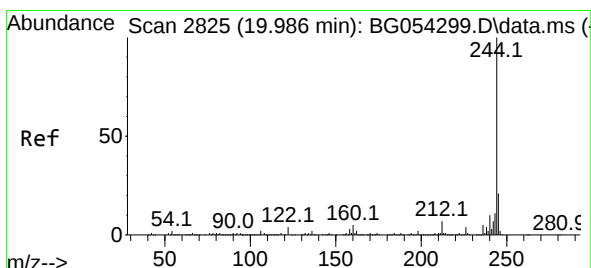
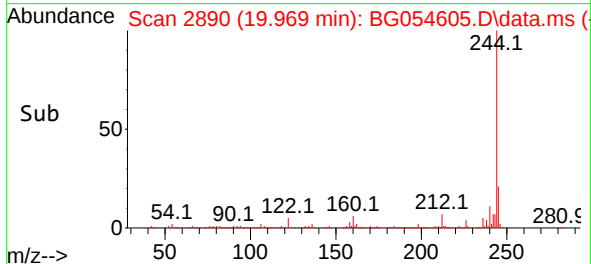
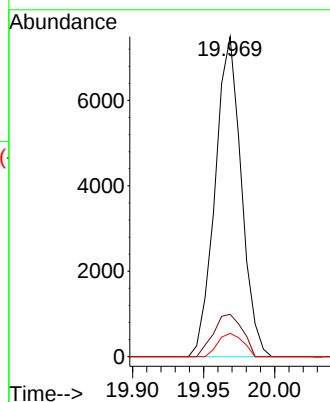
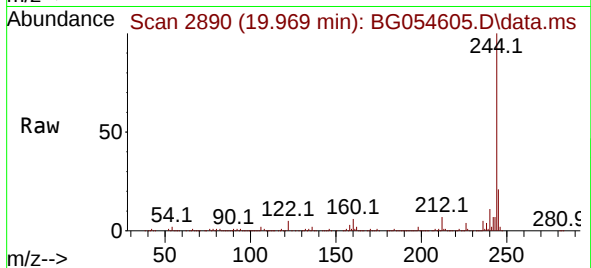
Tgt Ion:184 Resp: 9588

Ion Ratio Lower Upper

184 100

185 13.3 11.8 17.6

183 7.3 8.9 13.3#



#79

Terphenyl-d14

Concen: 89.927 ng

RT: 19.969 min Scan# 2890

Delta R.T. -0.001 min

Lab File: BG054605.D

Acq: 11 Aug 2022 15:07

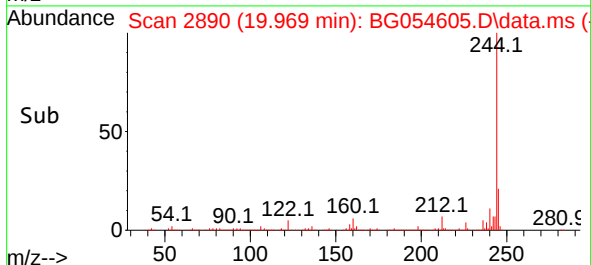
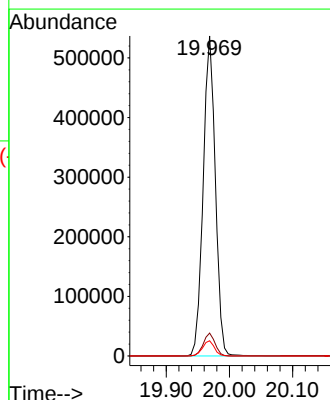
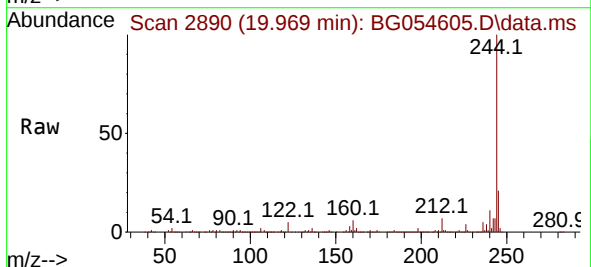
Tgt Ion:244 Resp: 719408

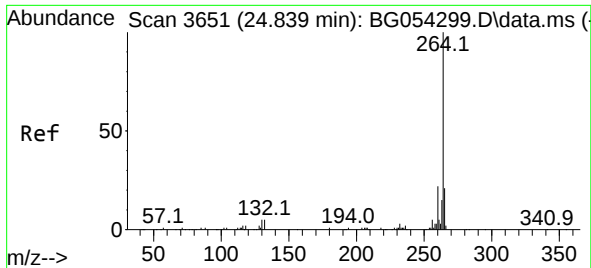
Ion Ratio Lower Upper

244 100

212 7.2 6.5 9.7

122 4.8 5.0 7.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.833 min Scan# 31

Delta R.T. -0.001 min

Lab File: BG054605.D

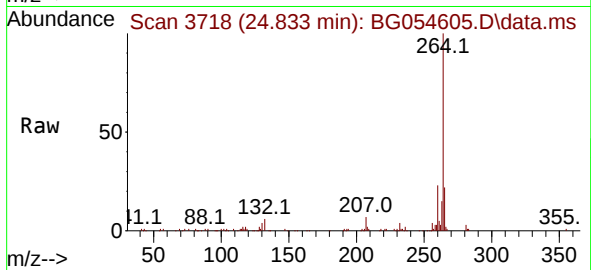
Acq: 11 Aug 2022 15:07

Instrument :

BNA_G

ClientSampleId :

SPN-1



Tgt Ion:264 Resp: 162792

Ion Ratio Lower Upper

264 100

260 23.0 19.0 28.6

265 22.0 17.4 26.2

