

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050322\
 Data File : BG053417.D
 Acq On : 3 May 2022 14:56
 Operator : CG/JU
 Sample : N2624-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 N47992

Quant Time: May 04 06:06:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 06:03:03 2022
 Response via : Initial Calibration

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

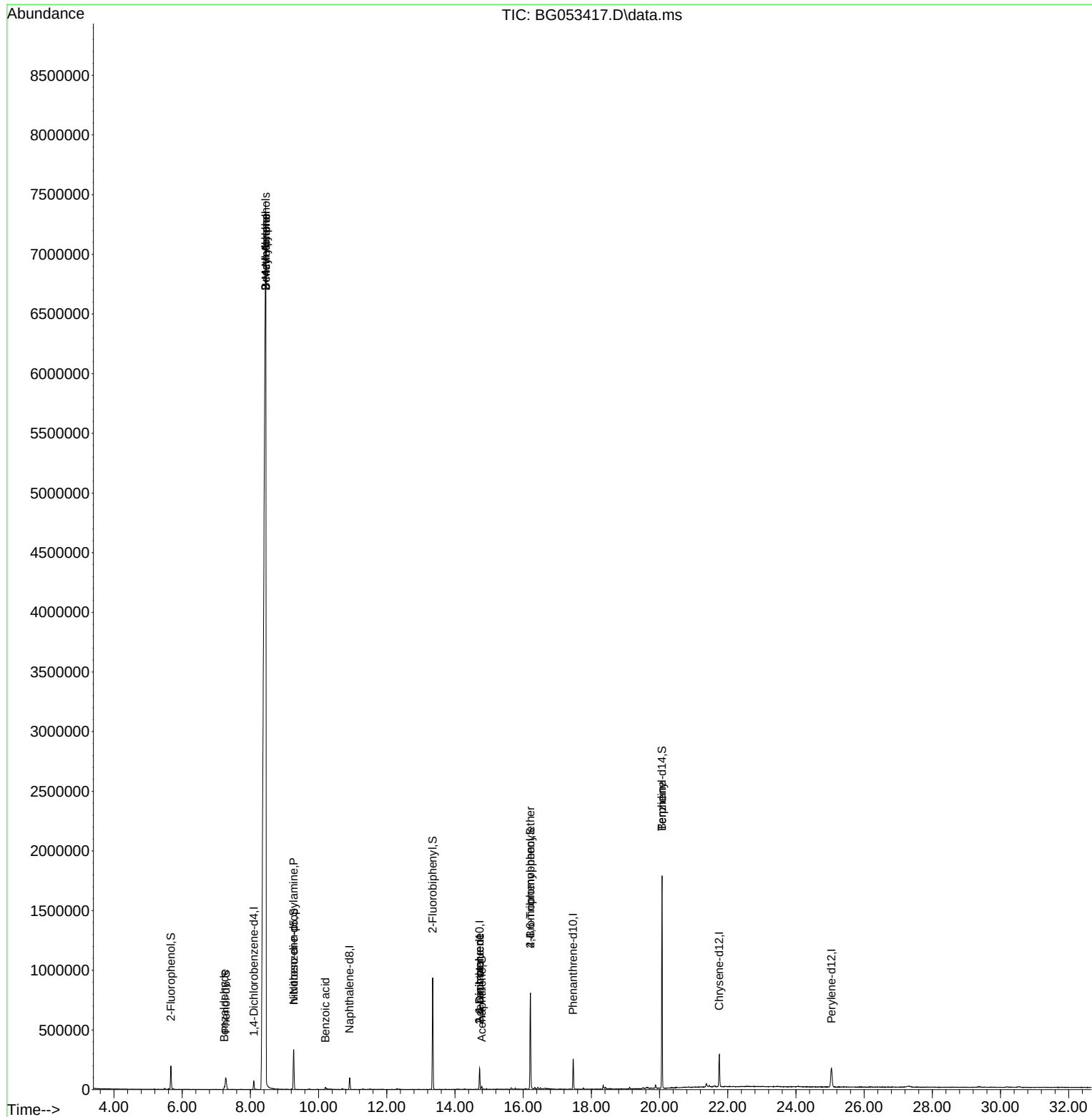
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.102	152	19933	20.000	ng	0.00
21) Naphthalene-d8	10.910	136	80255	20.000	ng	# 0.00
39) Acenaphthene-d10	14.722	164	63785	20.000	ng	0.00
64) Phenanthrene-d10	17.466	188	167609	20.000	ng	0.00
76) Chrysene-d12	21.748	240	177937	20.000	ng	0.00
86) Perylene-d12	25.044	264	182485	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.670	112	86648	74.515	ng	0.00
7) Phenol-d6	7.274	99	80003	44.615	ng	0.01
23) Nitrobenzene-d5	9.271	82	214688	108.617	ng	0.00
42) 2,4,6-Tribromophenol	16.214	330	167544	165.102	ng	0.00
45) 2-Fluorobiphenyl	13.348	172	487114	105.304	ng	0.00
79) Terphenyl-d14	20.074	244	888423	84.325	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.238	77	9254	8.633	ng	95
15) Benzyl Alcohol	8.448	79	6952063	4361.683	ng	95
17) 2-Methylphenol	8.448	107	3362492	2783.807	ng	# 12
19) n-Nitroso-di-n-propyla...	9.271	70	30375	23.137	ng	# 79
20) 3+4-Methylphenols	8.448	107	3007587	1763.855	ng	# 1
32) Benzoic acid	10.199	122	10101	16.090	ng	95
51) 2,6-Dinitrotoluene	14.722	165	8241	7.743	ng	# 26
52) Acenaphthene	14.787	154	9546	2.454	ng	97
57) 2,4-Dinitrotoluene	14.722	165	8241	5.439	ng	# 24
67) 4-Bromophenyl-phenylether	16.214	248	10820	5.038	ng	# 1
77) Benzidine	20.074	184	14824	2.920	ng	# 91

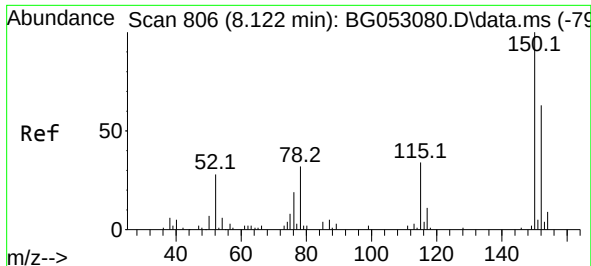
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050322\
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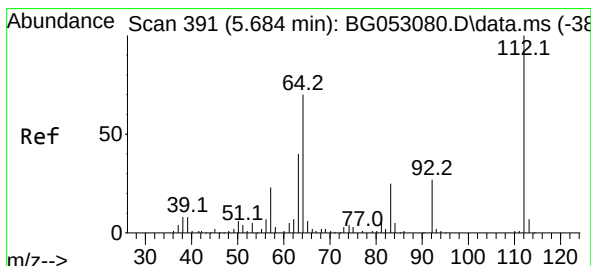
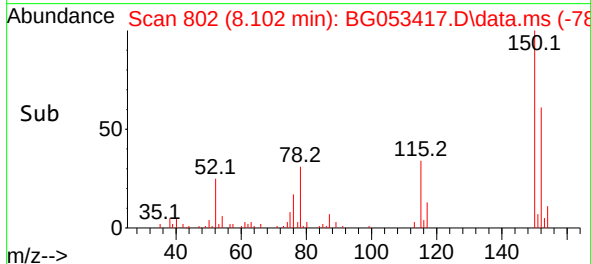
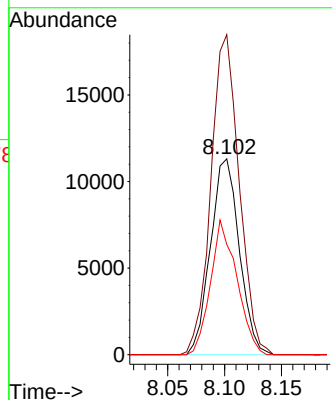
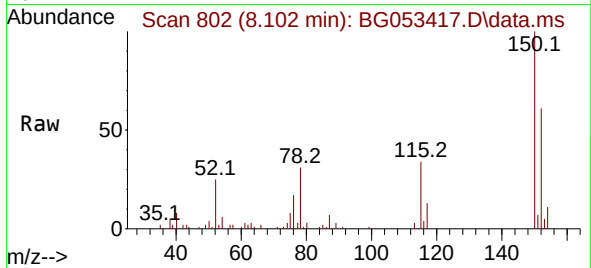




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.102 min Scan# 806
Delta R.T. 0.006 min
Lab File: BG053417.D
Acq: 3 May 2022 14:56

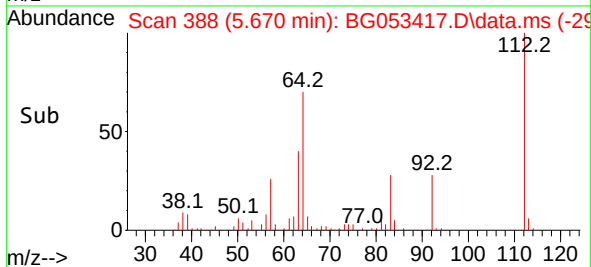
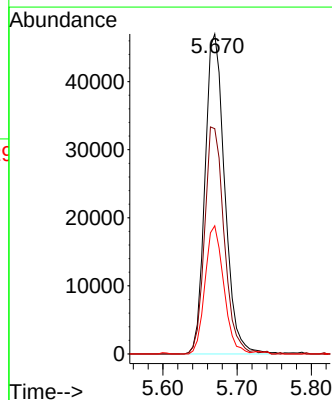
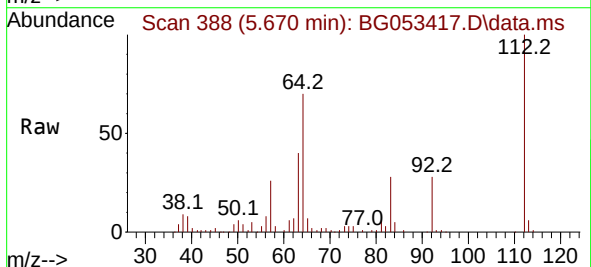
Instrument :
BNA_G
ClientSampleId :
N47992

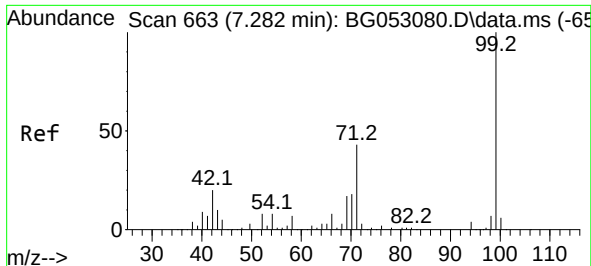
Tgt Ion:152 Resp: 19933
Ion Ratio Lower Upper
152 100
150 163.5 114.6 172.0
115 56.3 45.9 68.9



#5
2-Fluorophenol
Concen: 74.515 ng
RT: 5.670 min Scan# 388
Delta R.T. 0.006 min
Lab File: BG053417.D
Acq: 3 May 2022 14:56

Tgt Ion:112 Resp: 86648
Ion Ratio Lower Upper
112 100
64 70.4 48.0 72.0
63 40.1 26.5 39.7#

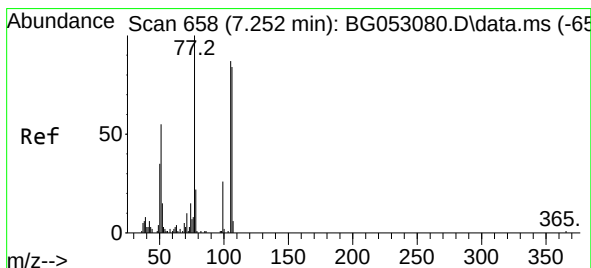
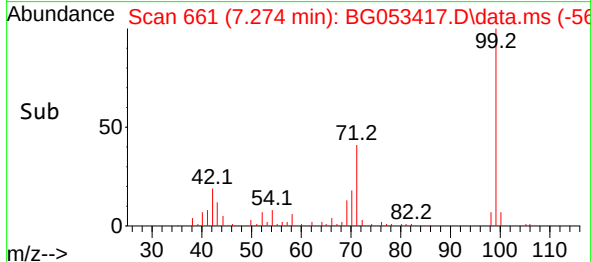
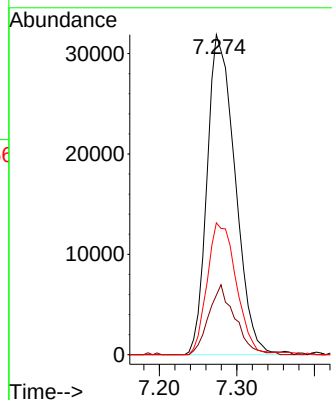
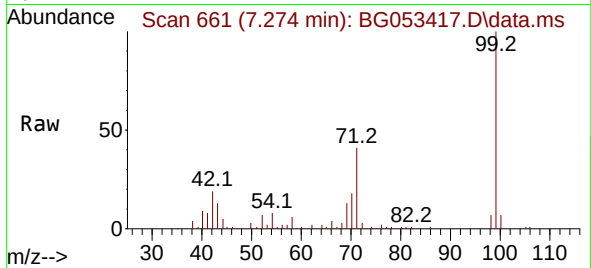




#7
Phenol-d6
Concen: 44.615 ng
RT: 7.274 min Scan# 60
Delta R.T. 0.012 min
Lab File: BG053417.D
Acq: 3 May 2022 14:56

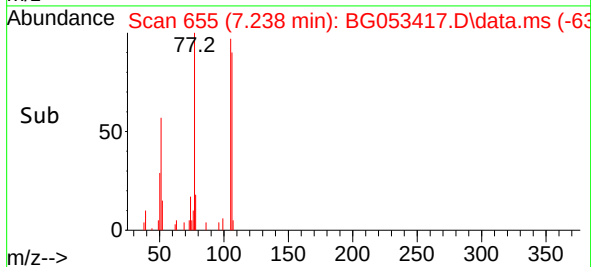
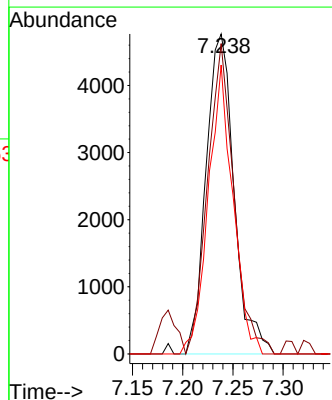
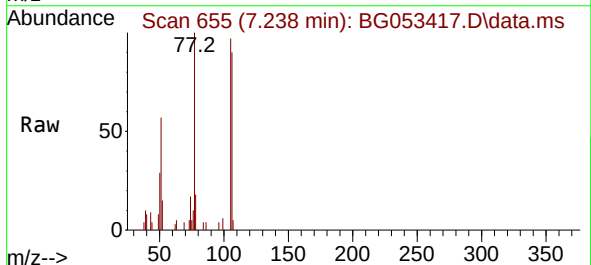
Instrument :
BNA_G
ClientSampleId :
N47992

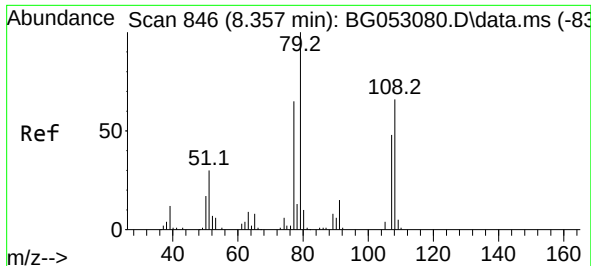
Tgt Ion: 99 Resp: 80003
Ion Ratio Lower Upper
99 100
42 18.6 14.7 22.1
71 41.2 29.2 43.8



#9
Benzaldehyde
Concen: 8.633 ng
RT: 7.238 min Scan# 655
Delta R.T. 0.006 min
Lab File: BG053417.D
Acq: 3 May 2022 14:56

Tgt Ion: 77 Resp: 9254
Ion Ratio Lower Upper
77 100
105 97.0 70.6 110.6
106 90.3 67.6 107.6

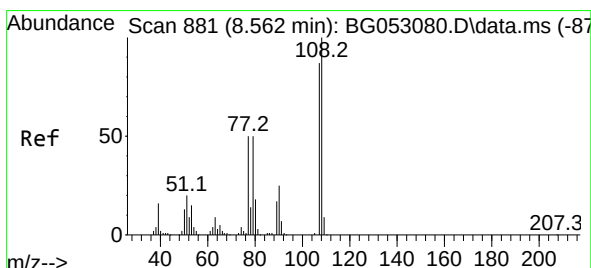
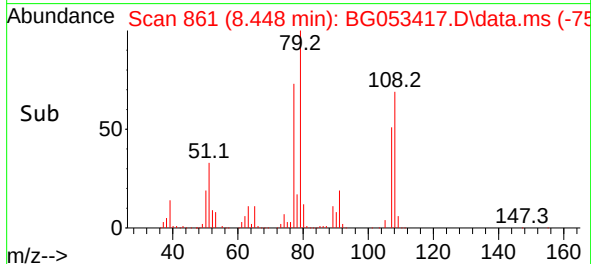
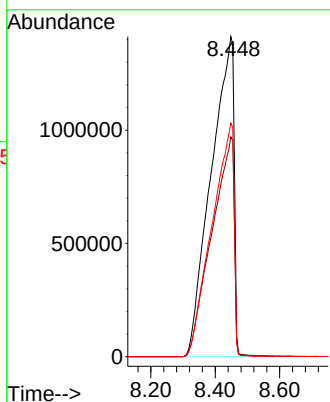
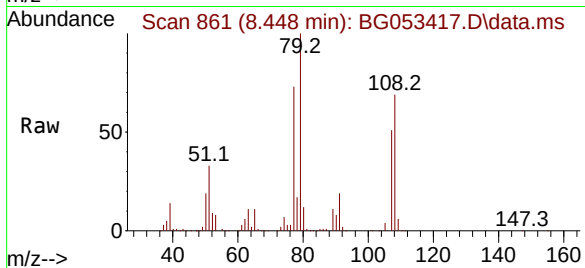




#15
Benzyl Alcohol
Concen: 4361.683 ng
RT: 8.448 min Scan# 80
Delta R.T. 0.112 min
Lab File: BG053417.D
Acq: 3 May 2022 14:56

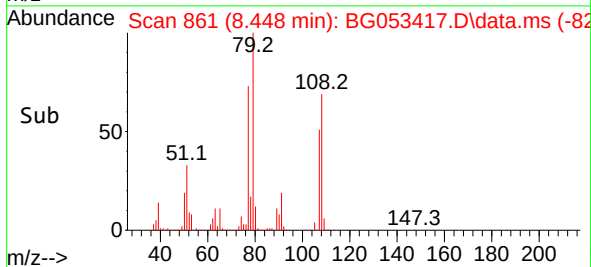
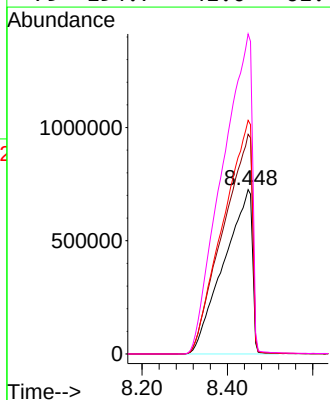
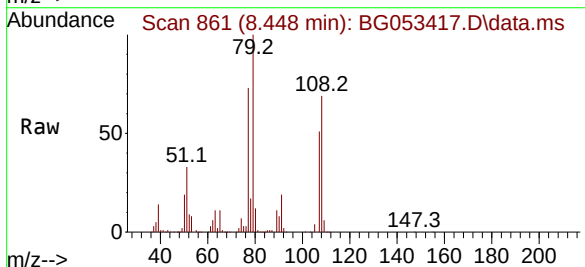
Instrument :
BNA_G
ClientSampleId :
N47992

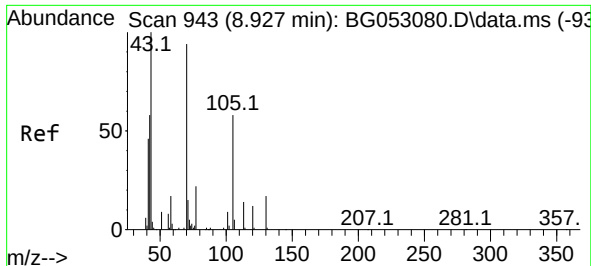
Tgt Ion: 79 Resp: 6952063
Ion Ratio Lower Upper
79 100
108 68.6 55.1 82.7
77 73.0 52.4 78.6



#17
2-Methylphenol
Concen: 2783.807 ng
RT: 8.448 min Scan# 861
Delta R.T. -0.094 min
Lab File: BG053417.D
Acq: 3 May 2022 14:56

Tgt Ion: 107 Resp: 3362492
Ion Ratio Lower Upper
107 100
108 133.6 91.5 137.3
77 142.2 42.5 63.7#
79 194.7 41.0 61.4#

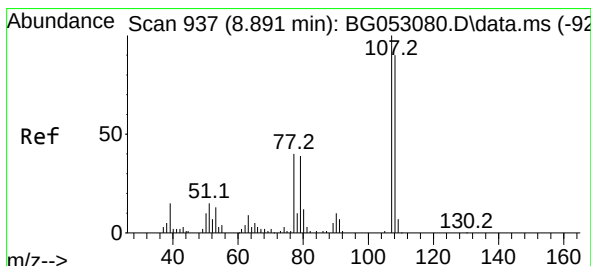
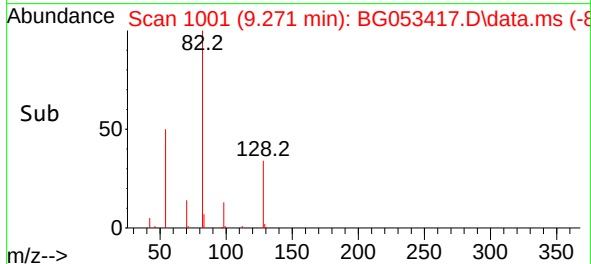
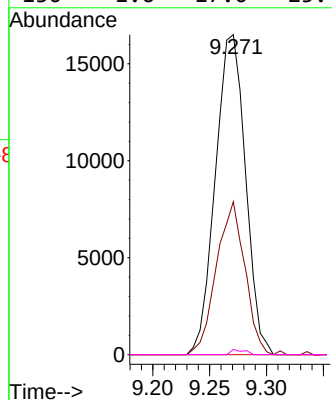
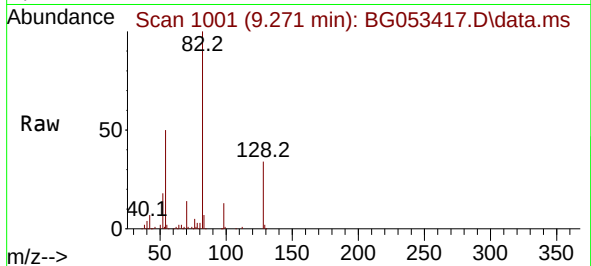




#19
n-Nitroso-di-n-propylamine
Concen: 23.137 ng
RT: 9.271 min Scan# 10
Delta R.T. 0.364 min
Lab File: BG053417.D
Acq: 3 May 2022 14:56

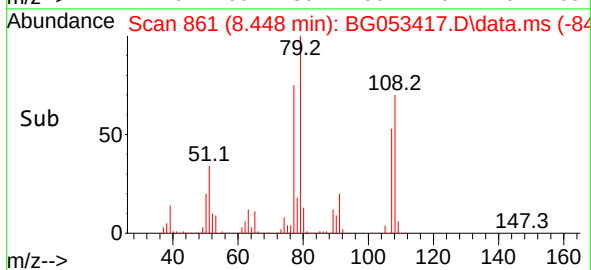
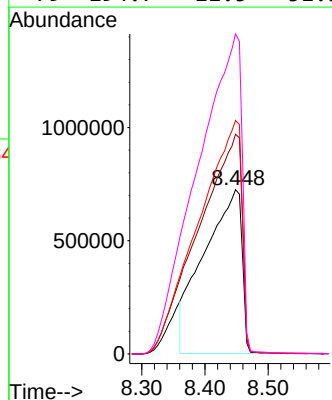
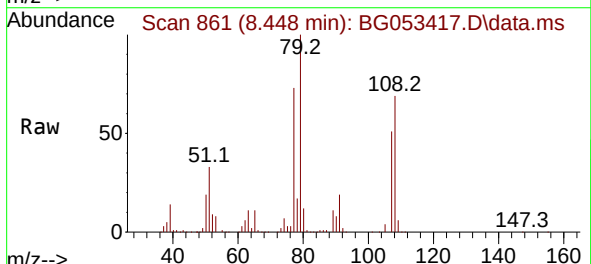
Instrument :
BNA_G
ClientSampleId :
N47992

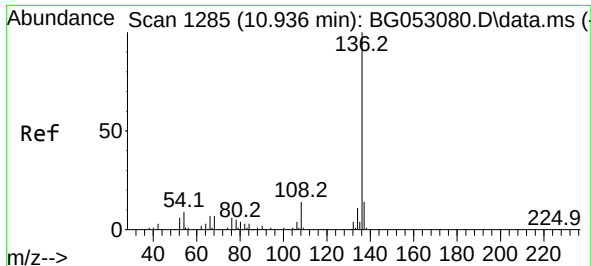
Tgt Ion: 70 Resp: 30375
Ion Ratio Lower Upper
70 100
42 47.8 46.0 69.0
101 0.0 6.2 9.4#
130 1.6 17.0 25.4#



#20
3+4-Methylphenols
Concen: 1763.855 ng
RT: 8.448 min Scan# 861
Delta R.T. -0.423 min
Lab File: BG053417.D
Acq: 3 May 2022 14:56

Tgt Ion: 107 Resp: 3007587
Ion Ratio Lower Upper
107 100
108 133.6 64.8 104.8#
77 142.2 15.9 55.9#
79 194.7 11.5 51.5#

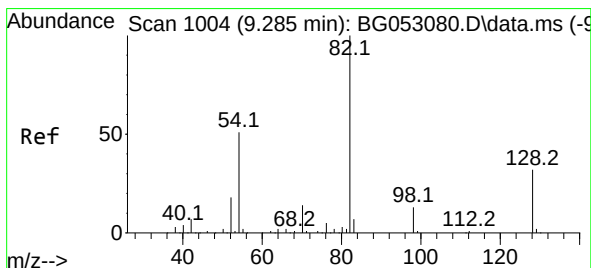
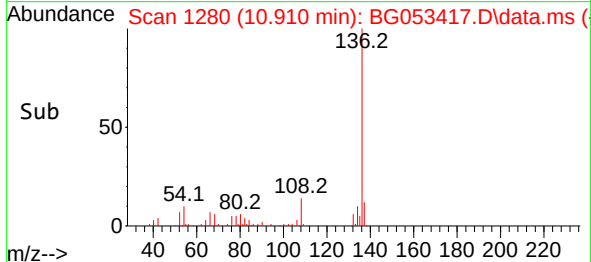
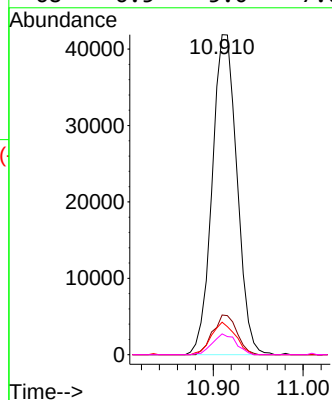
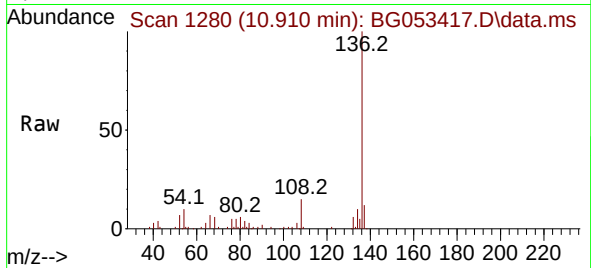




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.910 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BG053417.D
Acq: 3 May 2022 14:56

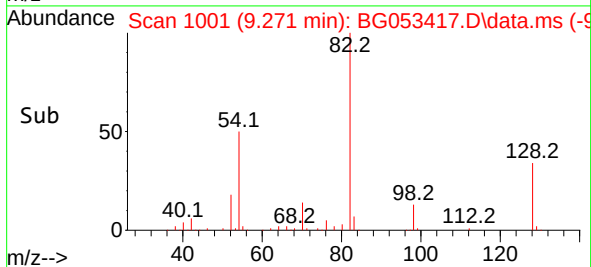
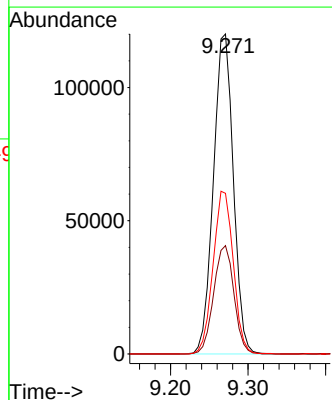
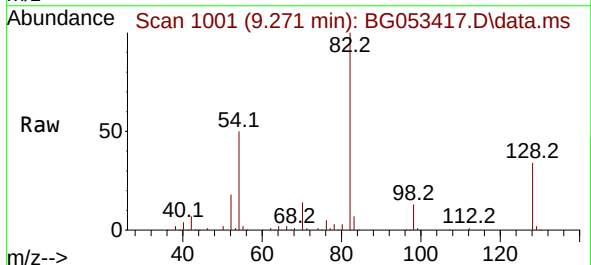
Instrument :
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ClientSampleId :
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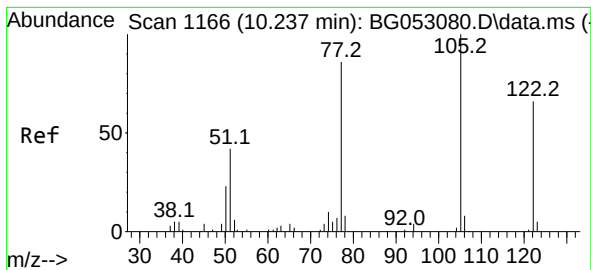
Tgt Ion:136 Resp: 80255
Ion Ratio Lower Upper
136 100
137 12.4 9.4 14.2
54 10.1 6.4 9.6#
68 6.5 5.0 7.6



#23
Nitrobenzene-d5
Concen: 108.617 ng
RT: 9.271 min Scan# 1001
Delta R.T. 0.006 min
Lab File: BG053417.D
Acq: 3 May 2022 14:56

Tgt Ion: 82 Resp: 214688
Ion Ratio Lower Upper
82 100
128 33.8 31.3 46.9
54 50.2 37.8 56.8





#32

Benzoic acid

Concen: 16.090 ng

RT: 10.199 min Scan# 1166

Delta R.T. -0.047 min

Lab File: BG053417.D

Acq: 3 May 2022 14:56

Instrument :

BNA_G

ClientSampleId :

N47992

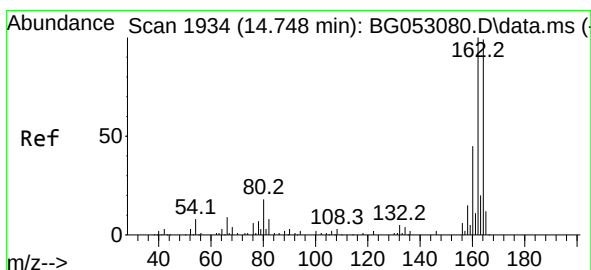
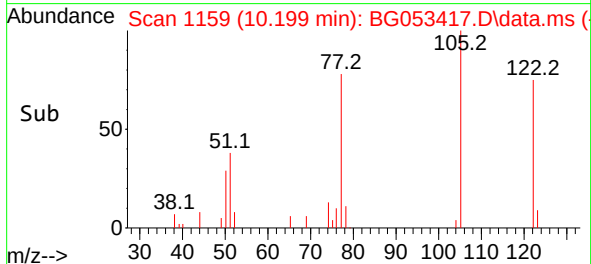
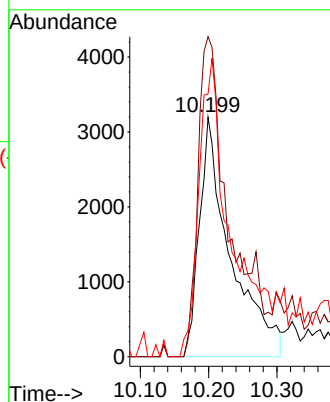
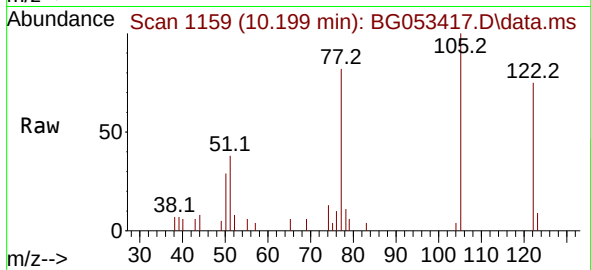
Tgt Ion:122 Resp: 10101

Ion Ratio Lower Upper

122 100

105 133.7 112.8 152.8

77 109.7 78.4 118.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.722 min Scan# 1929

Delta R.T. -0.006 min

Lab File: BG053417.D

Acq: 3 May 2022 14:56

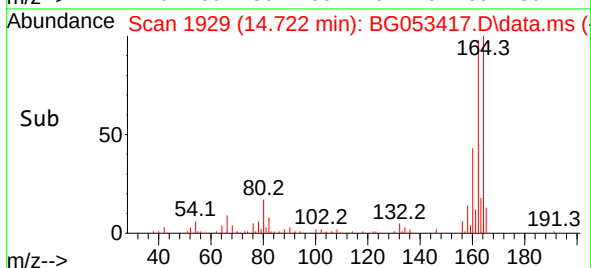
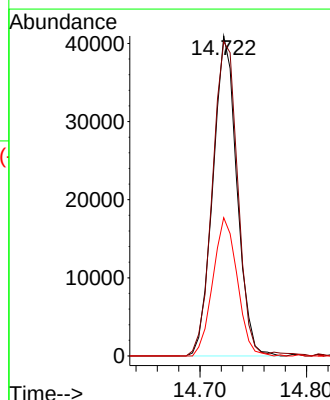
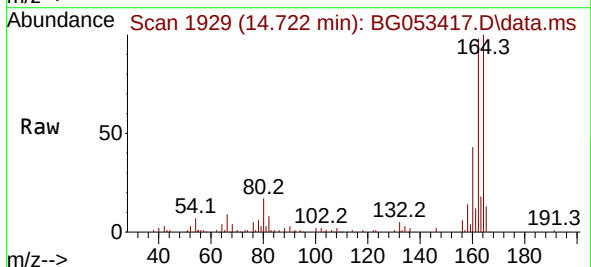
Tgt Ion:164 Resp: 63785

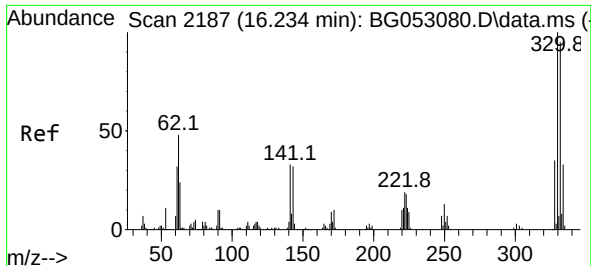
Ion Ratio Lower Upper

164 100

162 98.2 80.0 120.0

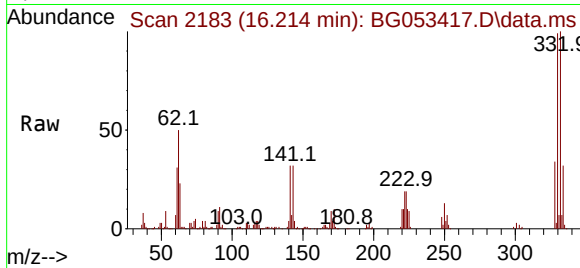
160 43.2 38.8 58.2



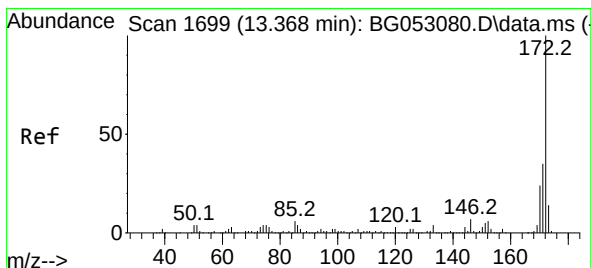
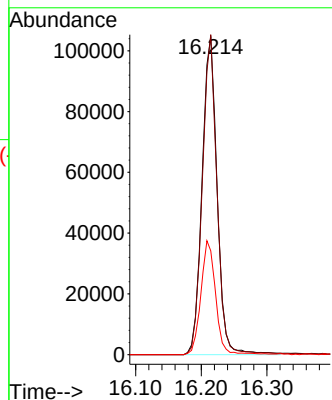
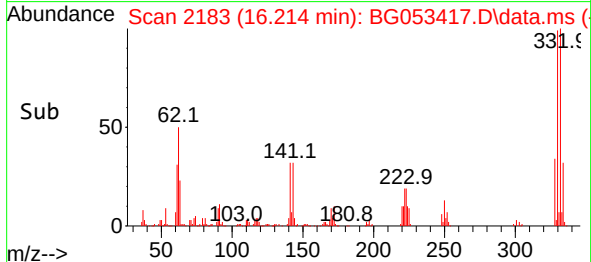


#42
2,4,6-Tribromophenol
Concen: 165.102 ng
RT: 16.214 min Scan# 2183
Delta R.T. 0.000 min
Lab File: BG053417.D
Acq: 3 May 2022 14:56

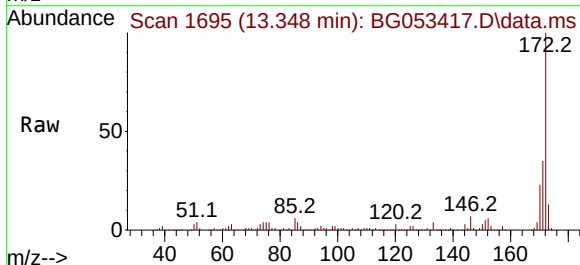
Instrument :
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N47992



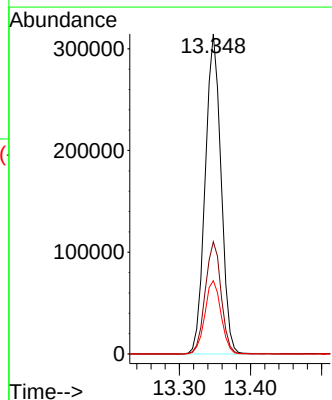
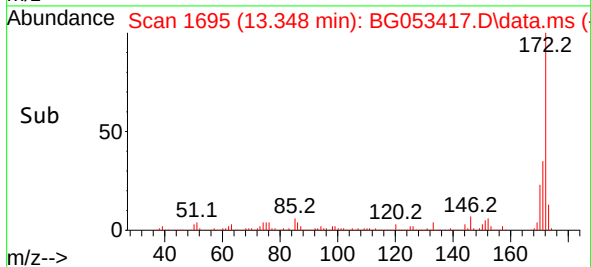
Tgt Ion:330 Resp: 167544
Ion Ratio Lower Upper
330 100
332 97.9 75.8 113.6
141 35.1 24.6 36.8

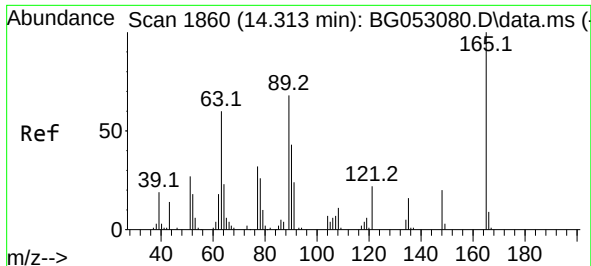


#45
2-Fluorobiphenyl
Concen: 105.304 ng
RT: 13.348 min Scan# 1695
Delta R.T. 0.000 min
Lab File: BG053417.D
Acq: 3 May 2022 14:56



Tgt Ion:172 Resp: 487114
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 22.9 18.0 27.0





#51

2,6-Dinitrotoluene

Concen: 7.743 ng

RT: 14.722 min Scan# 1929

Delta R.T. 0.429 min

Lab File: BG053417.D

Acq: 3 May 2022 14:56

Instrument :

BNA_G

ClientSampleId :

N47992

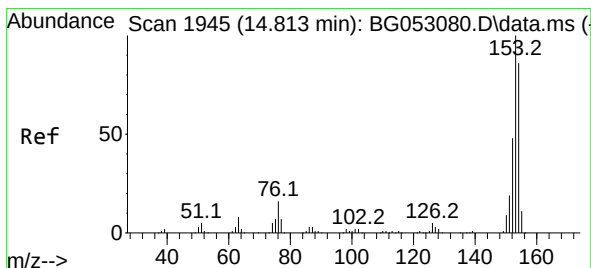
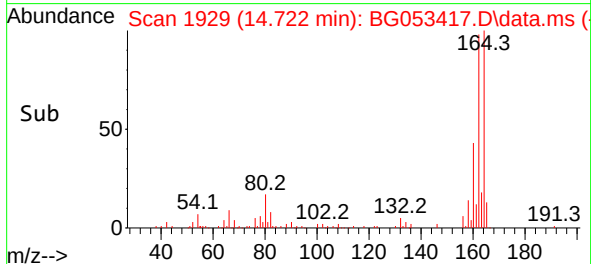
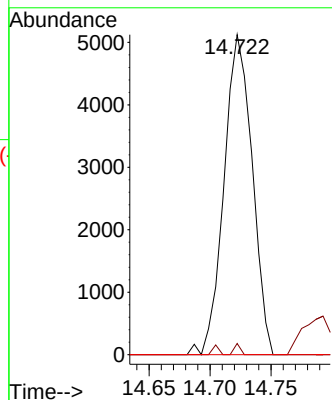
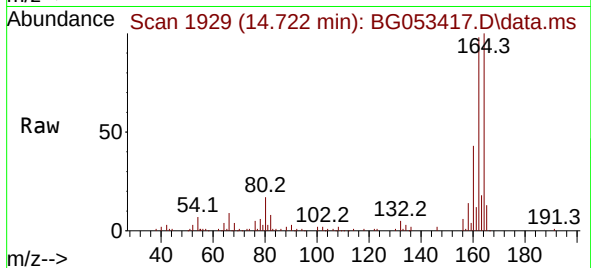
Tgt Ion:165 Resp: 8241

Ion Ratio Lower Upper

165 100

63 3.5 43.7 65.5#

89 0.0 45.0 67.4#



#52

Acenaphthene

Concen: 2.454 ng

RT: 14.787 min Scan# 1940

Delta R.T. -0.006 min

Lab File: BG053417.D

Acq: 3 May 2022 14:56

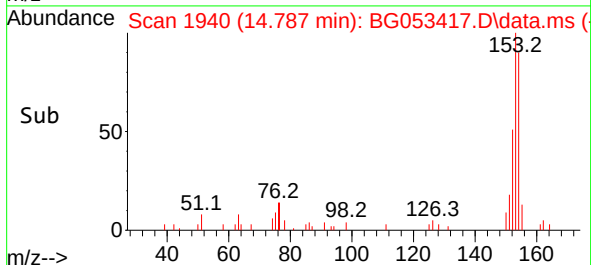
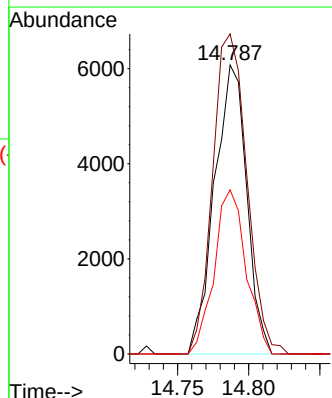
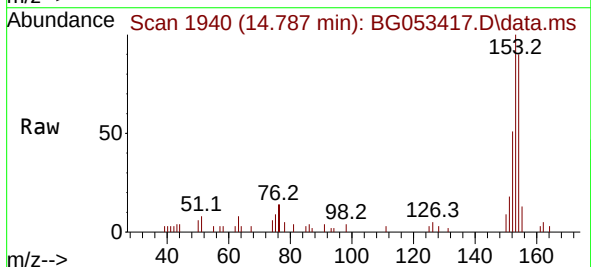
Tgt Ion:154 Resp: 9546

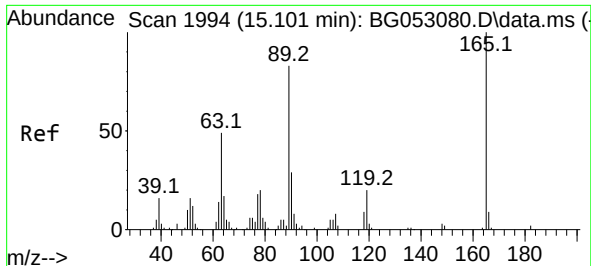
Ion Ratio Lower Upper

154 100

153 110.7 89.0 133.4

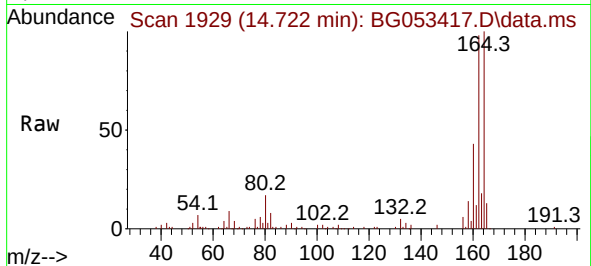
152 56.8 40.5 60.7



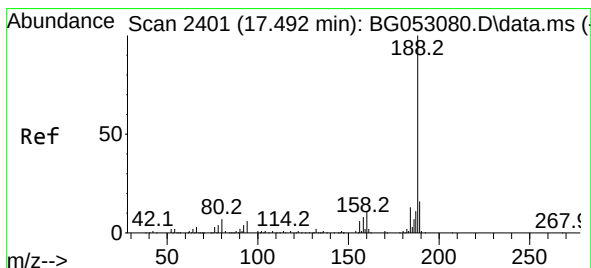
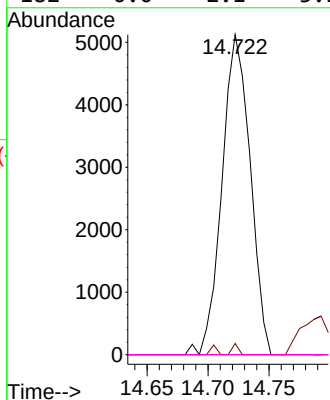
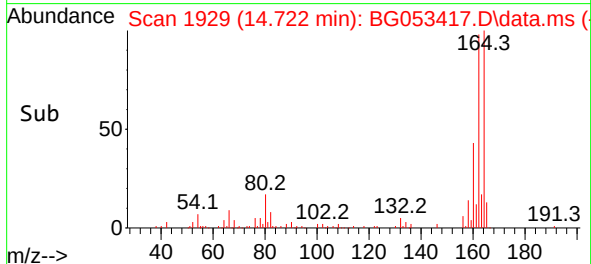


#57
2,4-Dinitrotoluene
Concen: 5.439 ng
RT: 14.722 min Scan# 1929
Delta R.T. -0.364 min
Lab File: BG053417.D
Acq: 3 May 2022 14:56

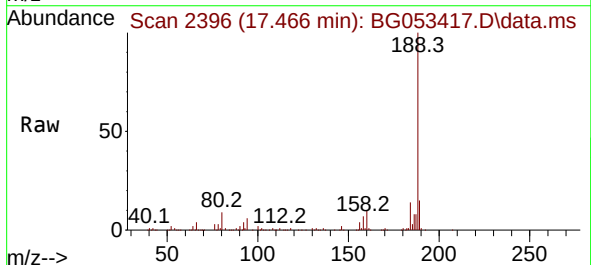
Instrument :
BNA_G
ClientSampleId :
N47992



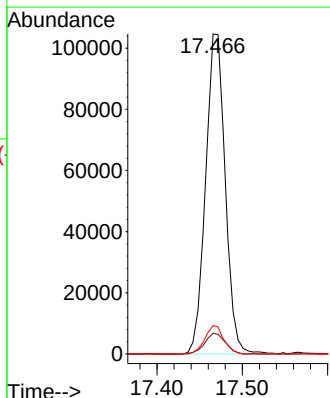
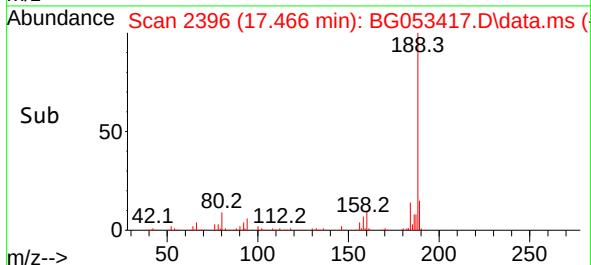
Tgt Ion:165 Resp: 8241
Ion Ratio Lower Upper
165 100
63 3.5 34.8 52.2#
89 0.0 57.4 86.0#
182 0.0 2.1 3.1#

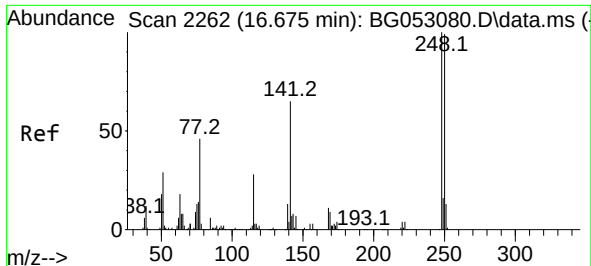


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.466 min Scan# 2396
Delta R.T. -0.006 min
Lab File: BG053417.D
Acq: 3 May 2022 14:56



Tgt Ion:188 Resp: 167609
Ion Ratio Lower Upper
188 100
94 6.5 5.7 8.5
80 8.9 7.2 10.8

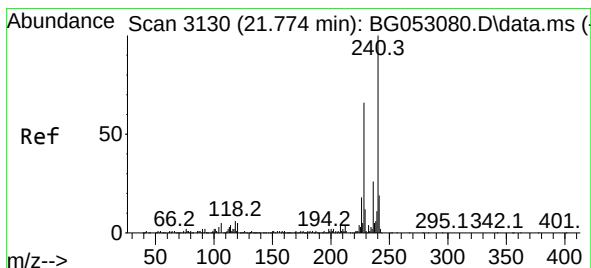
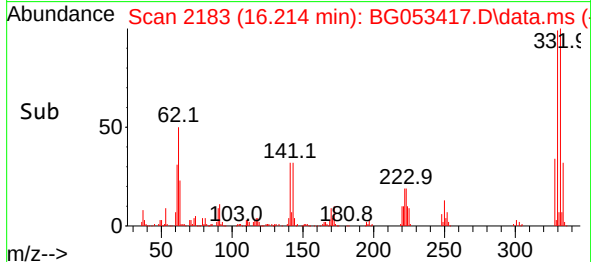
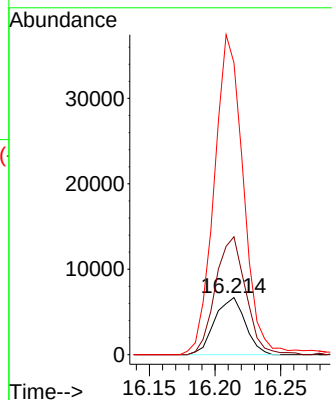
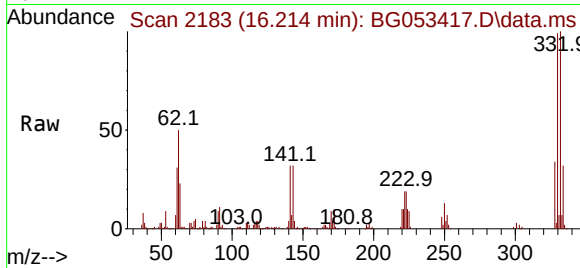




#67
4-Bromophenyl-phenylether
Concen: 5.038 ng
RT: 16.214 min Scan# 21183
Delta R.T. -0.441 min
Lab File: BG053417.D
Acq: 3 May 2022 14:56

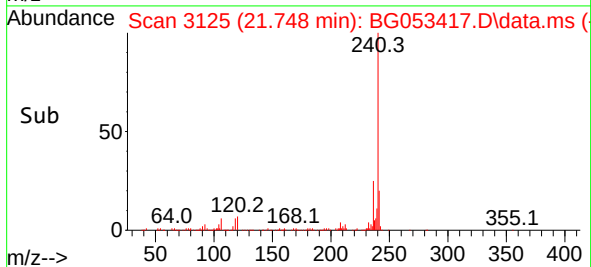
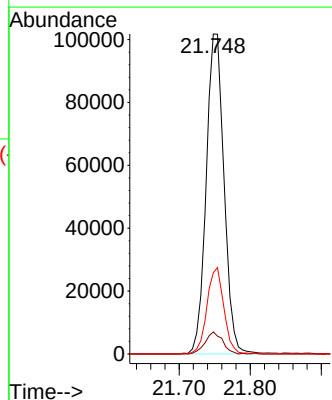
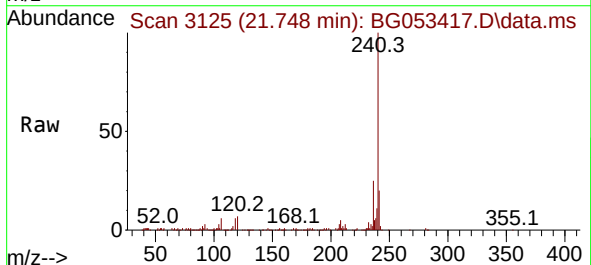
Instrument :
BNA_G
ClientSampleId :
N47992

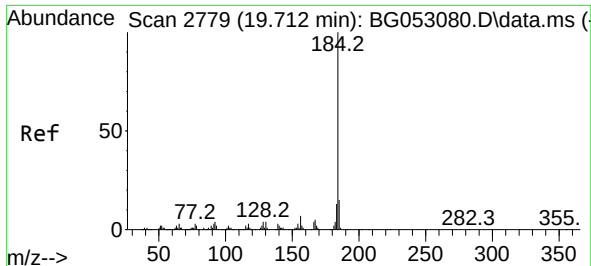
Tgt Ion:248 Resp: 10820
Ion Ratio Lower Upper
248 100
250 206.7 77.9 116.9#
141 511.3 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.748 min Scan# 3125
Delta R.T. -0.006 min
Lab File: BG053417.D
Acq: 3 May 2022 14:56

Tgt Ion:240 Resp: 177937
Ion Ratio Lower Upper
240 100
120 6.9 5.4 8.0
236 25.4 19.8 29.6

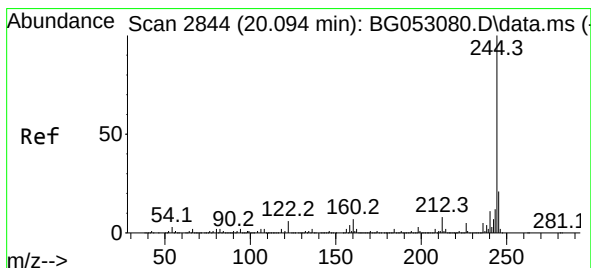
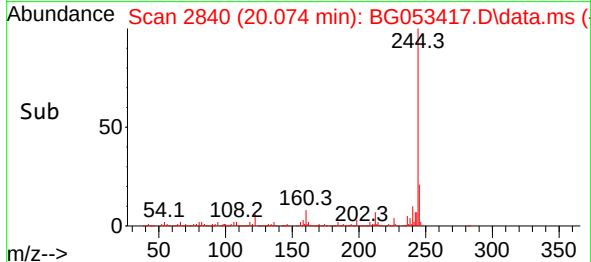
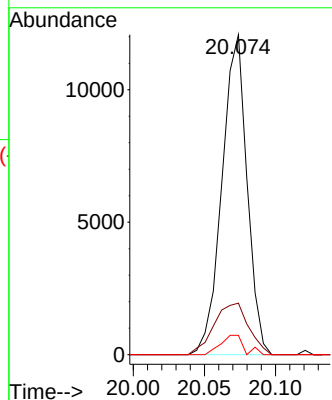
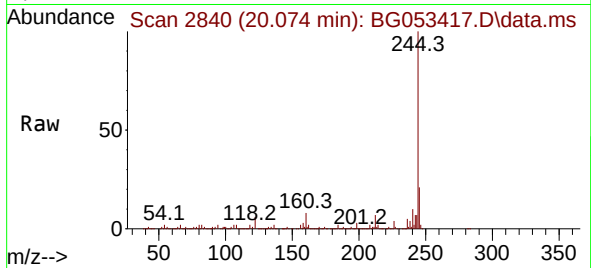




#77
Benzidine
Concen: 2.920 ng
RT: 20.074 min Scan# 21
Delta R.T. 0.382 min
Lab File: BG053417.D
Acq: 3 May 2022 14:56

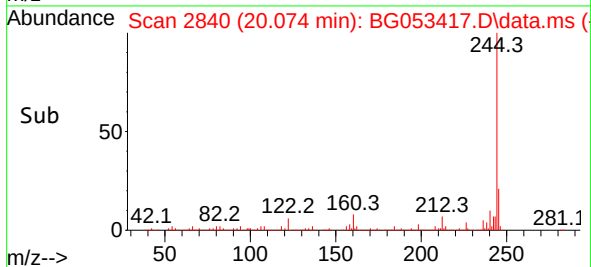
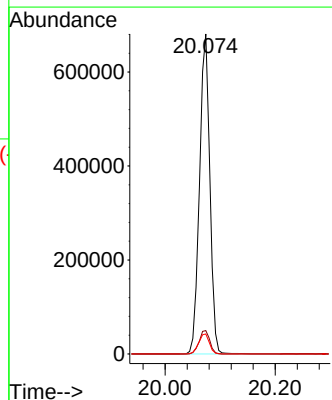
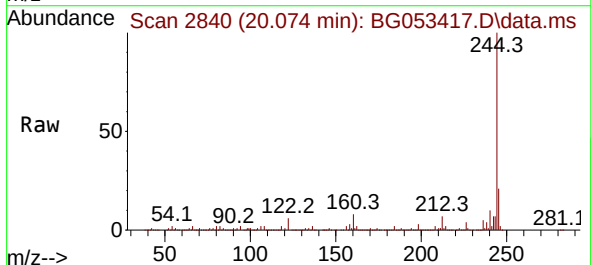
Instrument :
BNA_G
ClientSampleId :
N47992

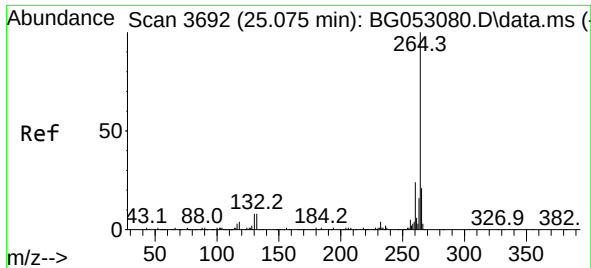
Tgt Ion:184 Resp: 14824
Ion Ratio Lower Upper
184 100
185 16.1 11.5 17.3
183 6.0 9.4 14.2#



#79
Terphenyl-d14
Concen: 84.325 ng
RT: 20.074 min Scan# 2840
Delta R.T. 0.000 min
Lab File: BG053417.D
Acq: 3 May 2022 14:56

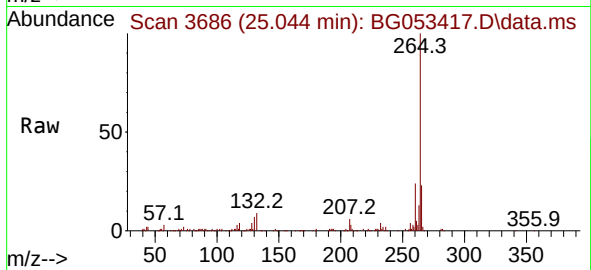
Tgt Ion:244 Resp: 888423
Ion Ratio Lower Upper
244 100
212 7.3 5.4 8.2
122 6.2 5.8 8.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.044 min Scan# 30
Delta R.T. 0.000 min
Lab File: BG053417.D
Acq: 3 May 2022 14:56

Instrument :
BNA_G
ClientSampleId :
N47992



Tgt Ion:264 Resp: 182485

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.2
265	22.9	15.1	22.7

