

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060622\
 Data File : BG053833.D
 Acq On : 6 Jun 2022 17:43
 Operator : CG/JU
 Sample : N3170-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20220415-COMPOSITE-D

Quant Time: Jun 07 04:19:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 23:22:27 2022
 Response via : Initial Calibration

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

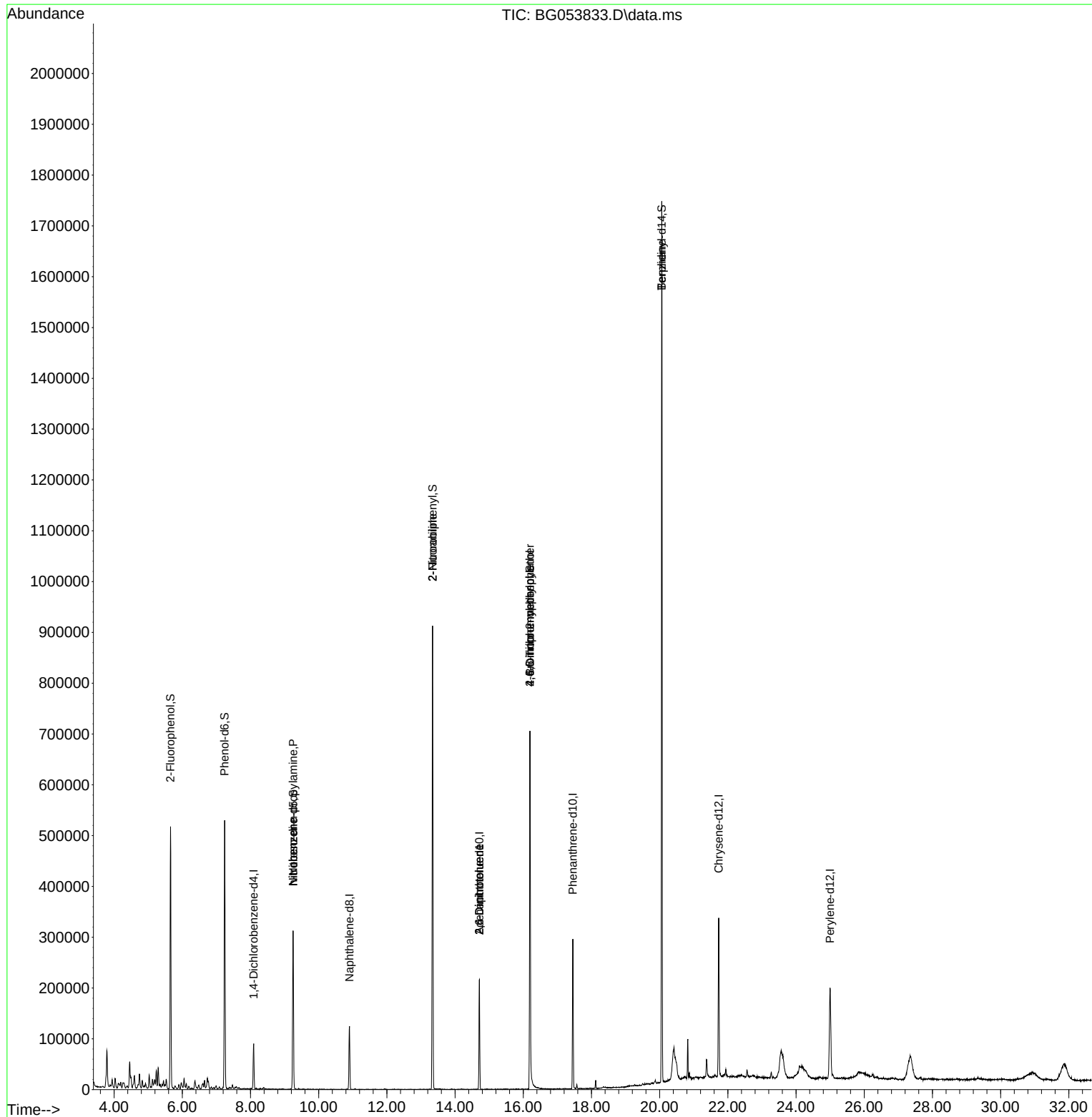
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.094	152	26919	20.000	ng	0.00
21) Naphthalene-d8	10.902	136	114305	20.000	ng	0.00
39) Acenaphthene-d10	14.716	164	82689	20.000	ng	0.00
64) Phenanthrene-d10	17.453	188	205304	20.000	ng	0.00
76) Chrysene-d12	21.731	240	209814	20.000	ng	0.00
86) Perylene-d12	24.998	264	212572	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.656	112	234428	159.921	ng	0.00
7) Phenol-d6	7.242	99	308529	155.375	ng	0.00
23) Nitrobenzene-d5	9.251	82	199038	114.347	ng	0.00
42) 2,4,6-Tribromophenol	16.196	330	175055	174.405	ng	0.00
45) 2-Fluorobiphenyl	13.341	172	523671	94.742	ng	0.00
79) Terphenyl-d14	20.062	244	963967	91.401	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.251	70	27356	19.451	ng	# 83
24) Nitrobenzene	9.251	77	459	3.194	ng	# 35
48) 2-Nitroaniline	13.341	65	861	5.702	ng	# 1
51) 2,6-Dinitrotoluene	14.716	165	11335	13.594	ng	# 17
57) 2,4-Dinitrotoluene	14.716	165	11335	11.353	ng	# 23
65) 4,6-Dinitro-2-methylph...	16.196	198	296	5.935	ng	# 76
67) 4-Bromophenyl-phenylether	16.196	248	11190	5.016	ng	# 1
77) Benzidine	20.062	184	13057	2.545	ng	# 88

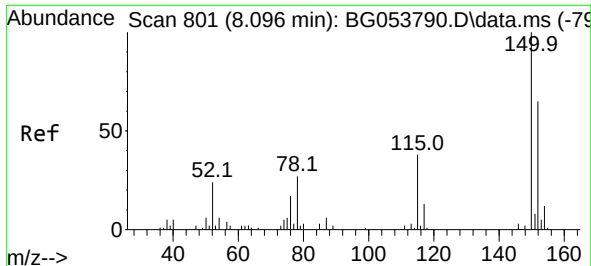
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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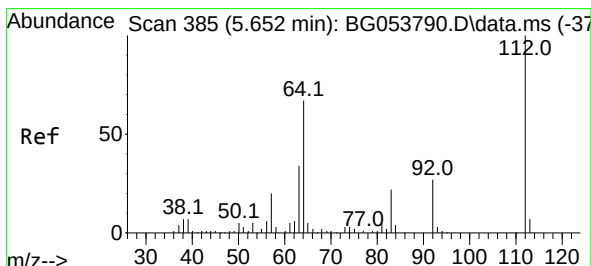
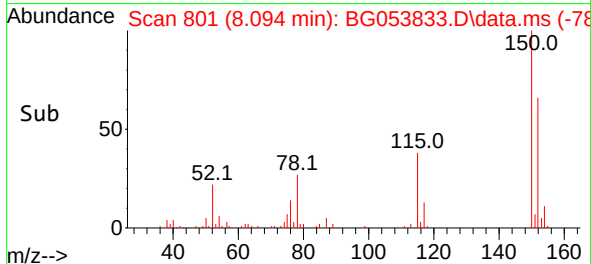
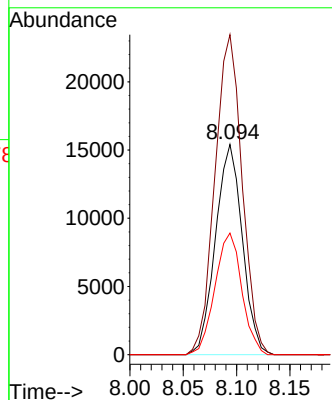
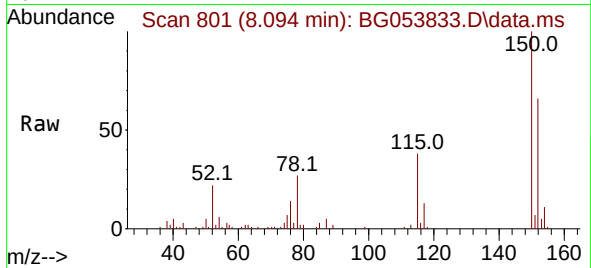




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.094 min Scan# 801
Delta R.T. -0.002 min
Lab File: BG053833.D
Acq: 6 Jun 2022 17:43

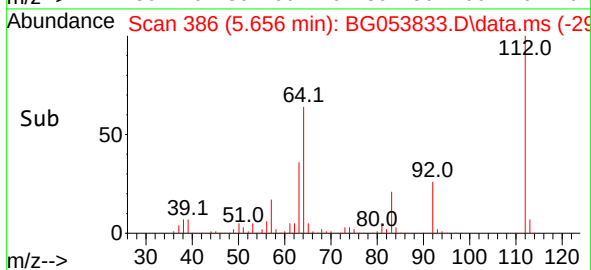
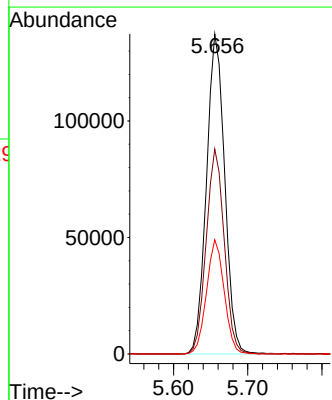
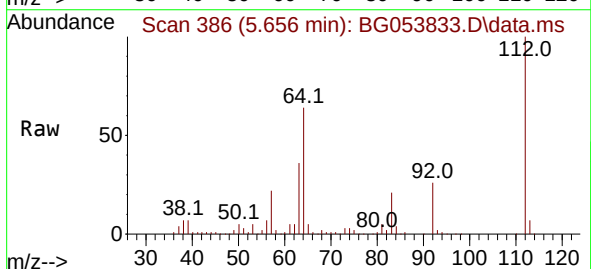
Instrument :
BNA_G
ClientSampleId :
20220415-COMPOSITE-D

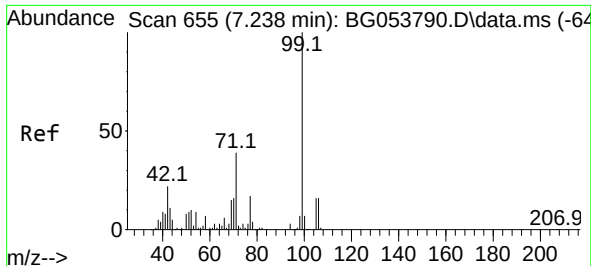
Tgt Ion:152 Resp: 26919
Ion Ratio Lower Upper
152 100
150 152.2 131.6 197.4
115 57.8 50.9 76.3



#5
2-Fluorophenol
Concen: 159.921 ng
RT: 5.656 min Scan# 386
Delta R.T. 0.004 min
Lab File: BG053833.D
Acq: 6 Jun 2022 17:43

Tgt Ion:112 Resp: 234428
Ion Ratio Lower Upper
112 100
64 64.0 55.1 82.7
63 35.7 30.4 45.6

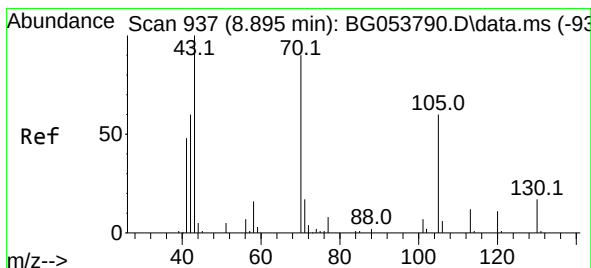
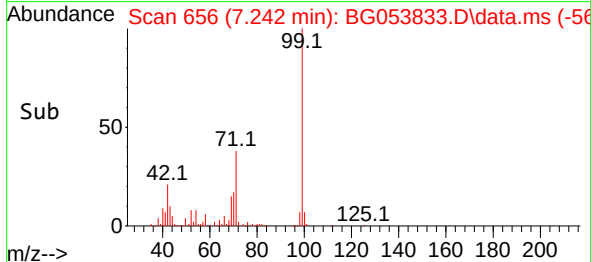
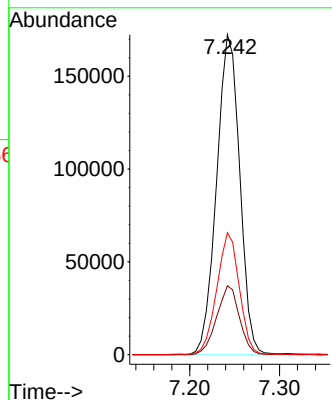
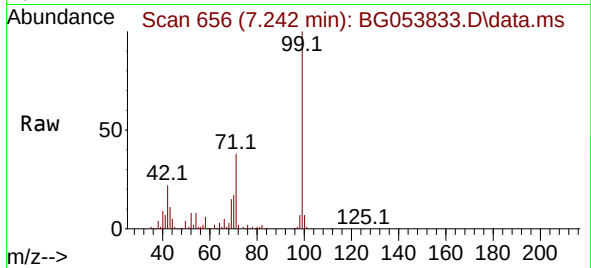




#7
Phenol-d6
Concen: 155.375 ng
RT: 7.242 min Scan# 61
Delta R.T. 0.004 min
Lab File: BG053833.D
Acq: 6 Jun 2022 17:43

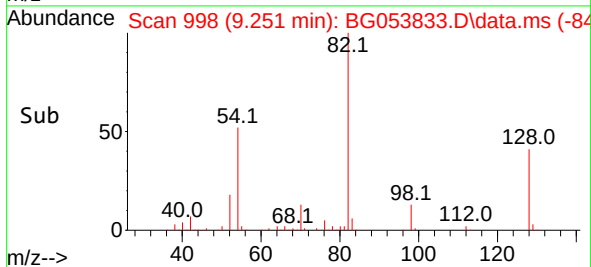
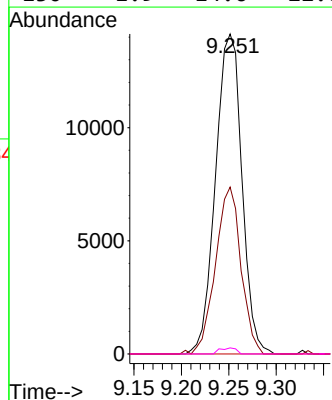
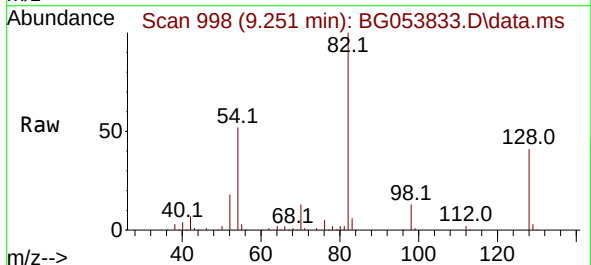
Instrument :
BNA_G
ClientSampleId :
20220415-COMPOSITE-D

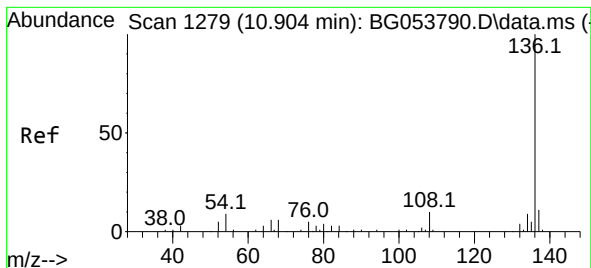
Tgt Ion: 99 Resp: 308529
Ion Ratio Lower Upper
99 100
42 21.5 17.0 25.6
71 38.1 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.451 ng
RT: 9.251 min Scan# 998
Delta R.T. 0.356 min
Lab File: BG053833.D
Acq: 6 Jun 2022 17:43

Tgt Ion: 70 Resp: 27356
Ion Ratio Lower Upper
70 100
42 52.1 47.3 70.9
101 0.0 7.0 10.4#
130 1.9 14.6 22.0#

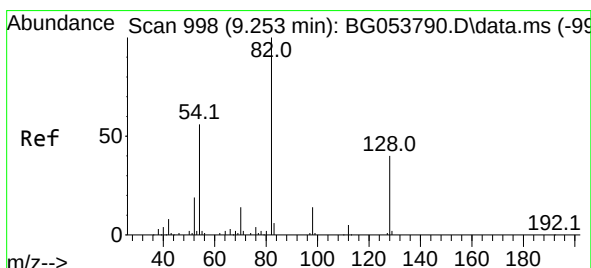
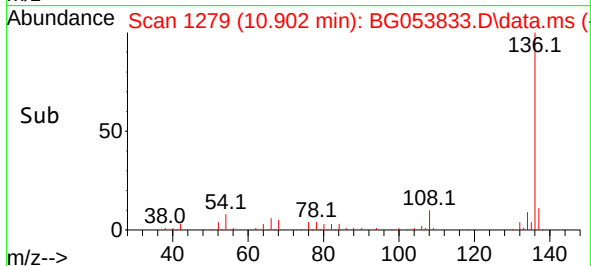
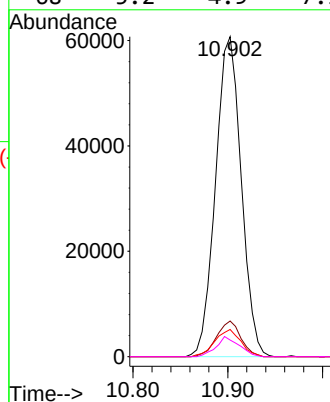
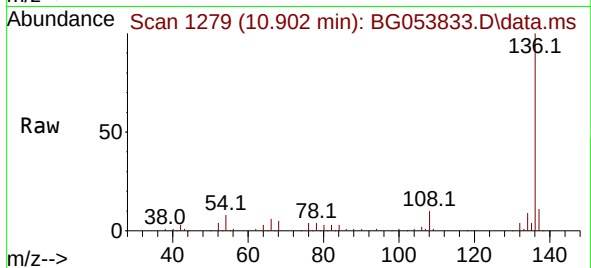




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.902 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG053833.D
Acq: 6 Jun 2022 17:43

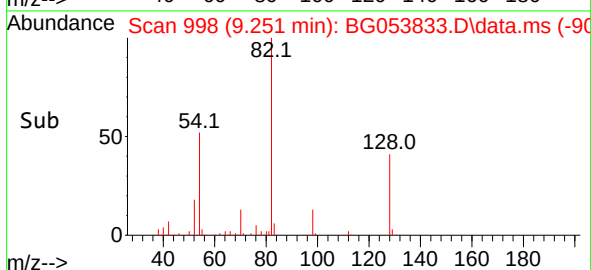
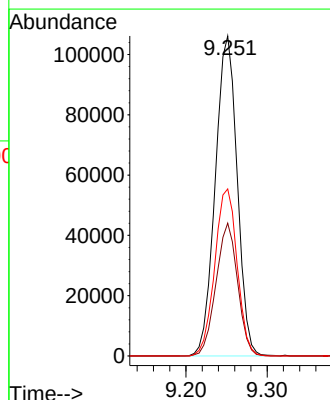
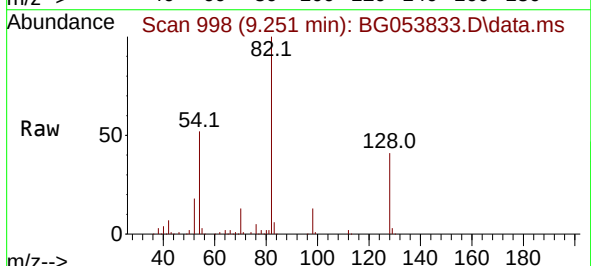
Instrument :
BNA_G
ClientSampleId :
20220415-COMPOSITE-D

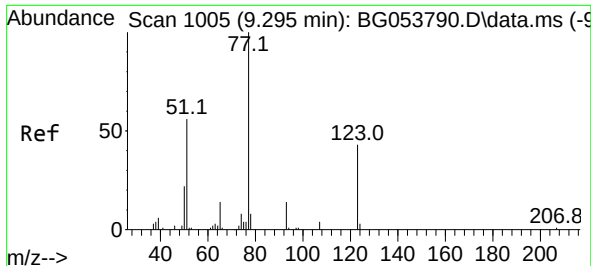
Tgt Ion:	136	Resp:	114305
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.5	12.7
54	8.5	7.4	11.2
68	5.2	4.9	7.3



#23
Nitrobenzene-d5
Concen: 114.347 ng
RT: 9.251 min Scan# 998
Delta R.T. -0.002 min
Lab File: BG053833.D
Acq: 6 Jun 2022 17:43

Tgt Ion:	82	Resp:	199038
Ion Ratio	Lower	Upper	
82	100		
128	41.5	27.9	41.9
54	52.2	41.2	61.8

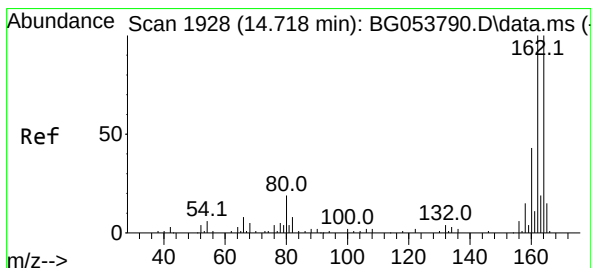
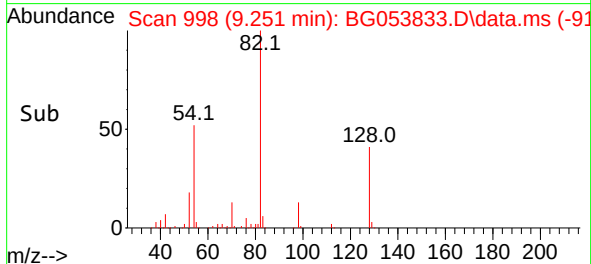
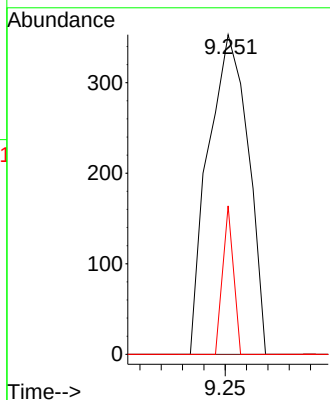
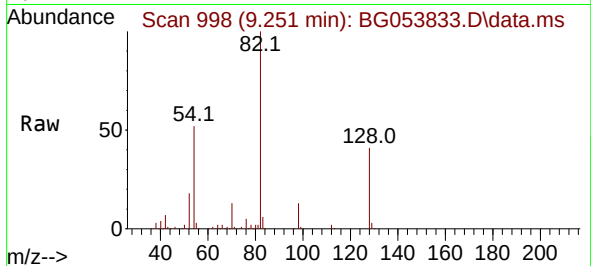




#24
Nitrobenzene
Concen: 3.194 ng
RT: 9.251 min Scan# 91
Delta R.T. -0.044 min
Lab File: BG053833.D
Acq: 6 Jun 2022 17:43

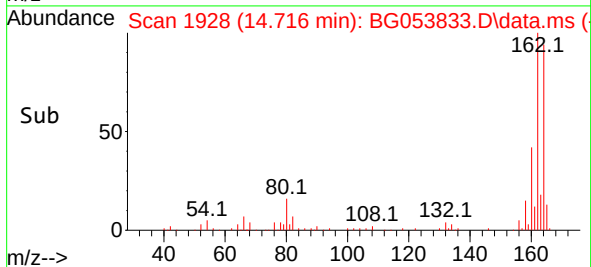
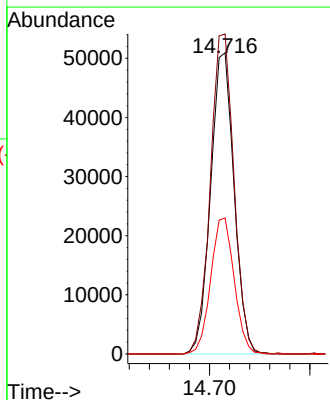
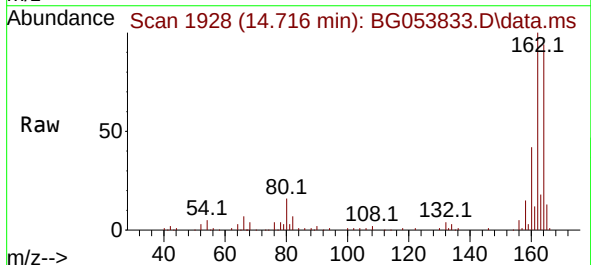
Instrument :
BNA_G
ClientSampleId :
20220415-COMPOSITE-D

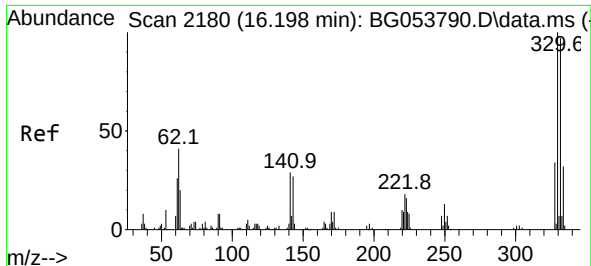
Tgt Ion: 77 Resp: 459
Ion Ratio Lower Upper
77 100
123 0.0 27.4 41.0#
65 46.5 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.716 min Scan# 1928
Delta R.T. -0.002 min
Lab File: BG053833.D
Acq: 6 Jun 2022 17:43

Tgt Ion: 164 Resp: 82689
Ion Ratio Lower Upper
164 100
162 106.3 82.3 123.5
160 45.2 34.2 51.2

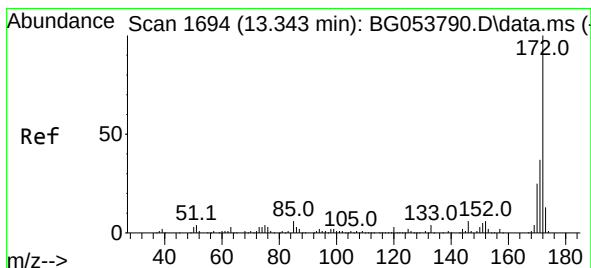
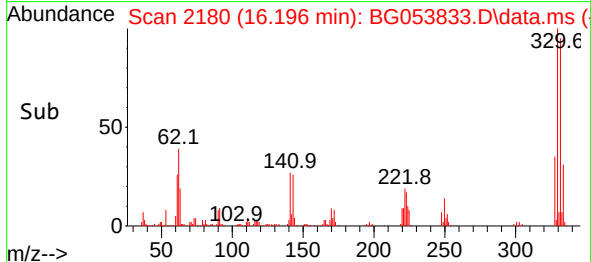
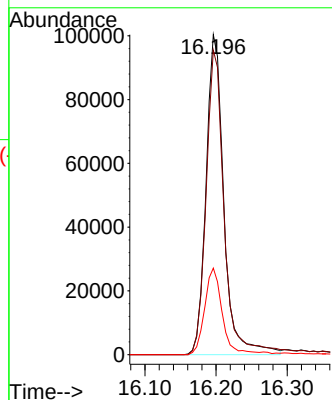
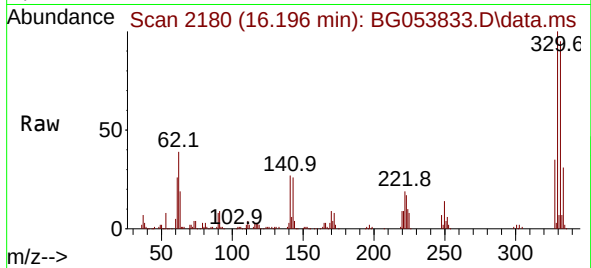




#42
2,4,6-Tribromophenol
Concen: 174.405 ng
RT: 16.196 min Scan# 2180
Delta R.T. -0.002 min
Lab File: BG053833.D
Acq: 6 Jun 2022 17:43

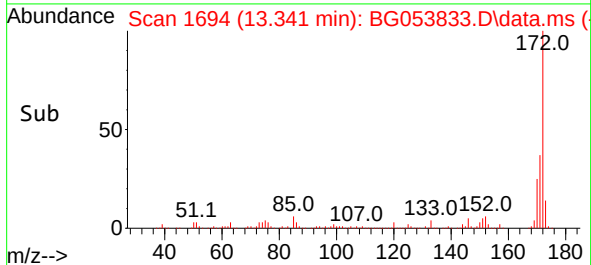
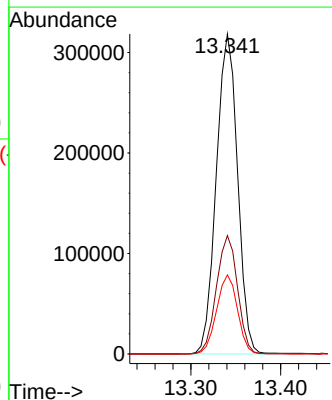
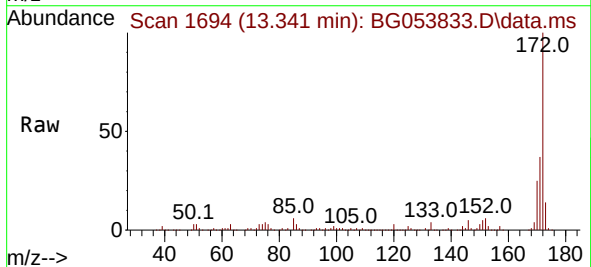
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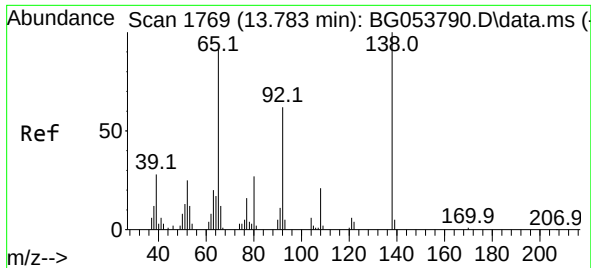
Tgt Ion:330 Resp: 175055
Ion Ratio Lower Upper
330 100
332 98.1 76.0 114.0
141 27.2 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 94.742 ng
RT: 13.341 min Scan# 1694
Delta R.T. -0.002 min
Lab File: BG053833.D
Acq: 6 Jun 2022 17:43

Tgt Ion:172 Resp: 523671
Ion Ratio Lower Upper
172 100
171 37.0 28.5 42.7
170 24.7 18.9 28.3

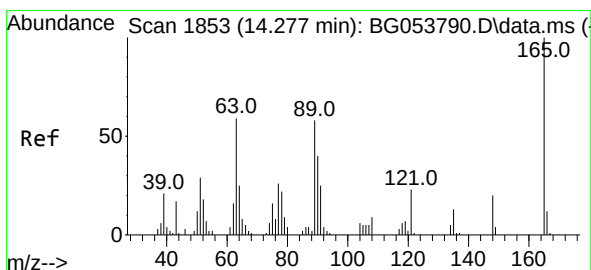
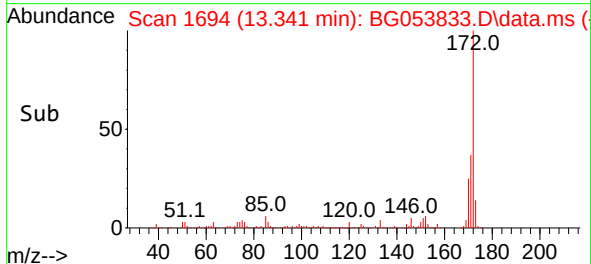
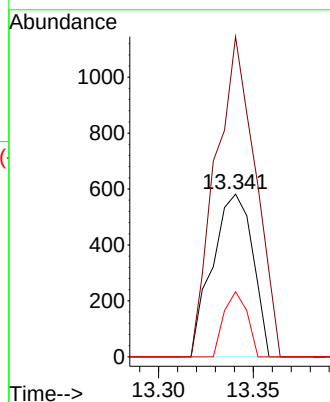
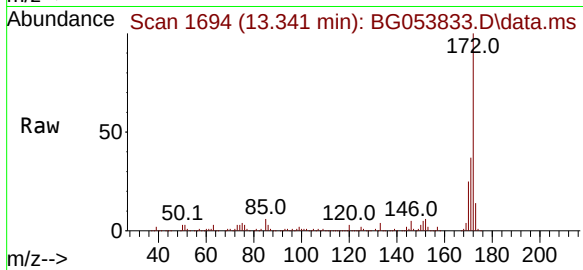




#48
2-Nitroaniline
Concen: 5.702 ng
RT: 13.341 min Scan# 1
Delta R.T. -0.442 min
Lab File: BG053833.D
Acq: 6 Jun 2022 17:43

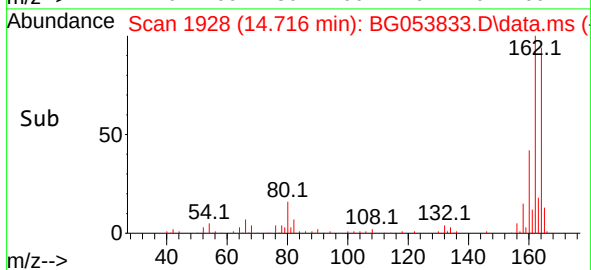
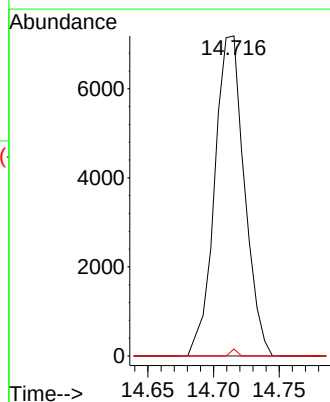
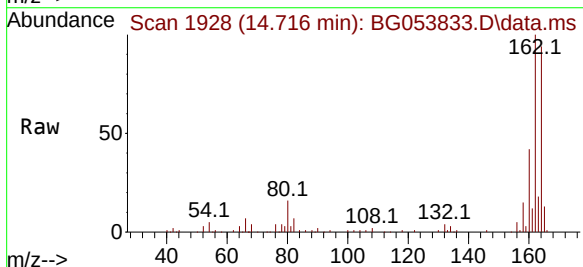
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ClientSampleId :
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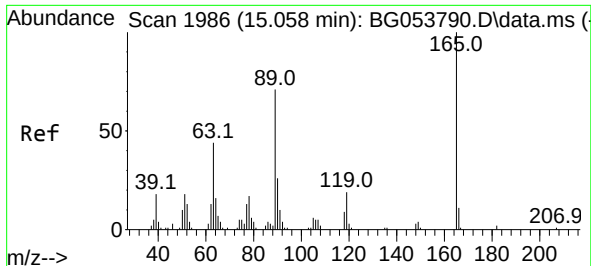
Tgt Ion: 65 Resp: 861
Ion Ratio Lower Upper
65 100
92 196.7 51.5 77.3#
138 40.0 71.3 106.9#



#51
2,6-Dinitrotoluene
Concen: 13.594 ng
RT: 14.716 min Scan# 1928
Delta R.T. 0.439 min
Lab File: BG053833.D
Acq: 6 Jun 2022 17:43

Tgt Ion:165 Resp: 11335
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 2.1 54.8 82.2#





#57

2,4-Dinitrotoluene

Concen: 11.353 ng

RT: 14.716 min Scan# 1986

Delta R.T. -0.342 min

Lab File: BG053833.D

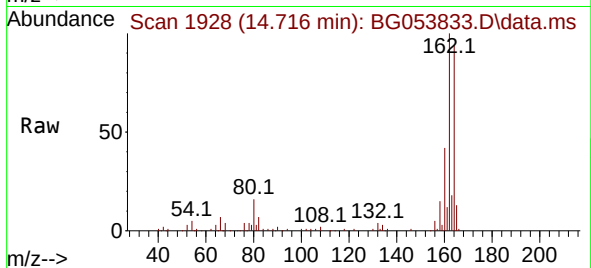
Acq: 6 Jun 2022 17:43

Instrument :

BNA_G

ClientSampleId :

20220415-COMPOSITE-D



Tgt Ion:165 Resp: 11335

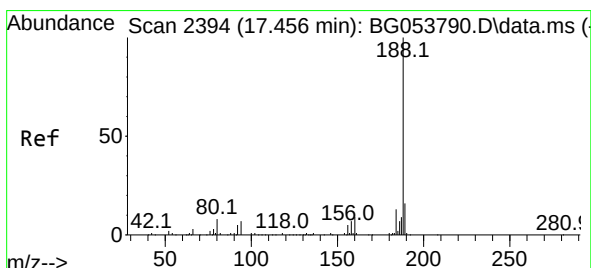
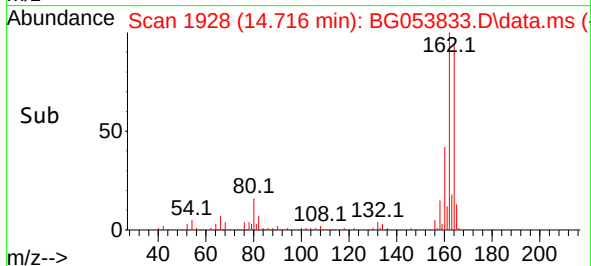
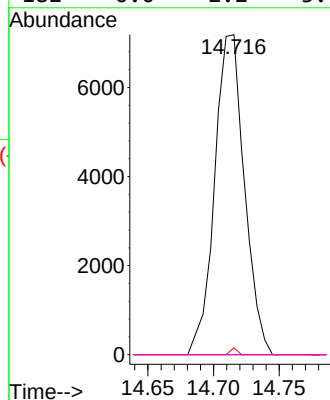
Ion Ratio Lower Upper

165 100

63 0.0 34.6 52.0#

89 2.1 60.3 90.5#

182 0.0 2.2 3.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.453 min Scan# 2394

Delta R.T. -0.003 min

Lab File: BG053833.D

Acq: 6 Jun 2022 17:43

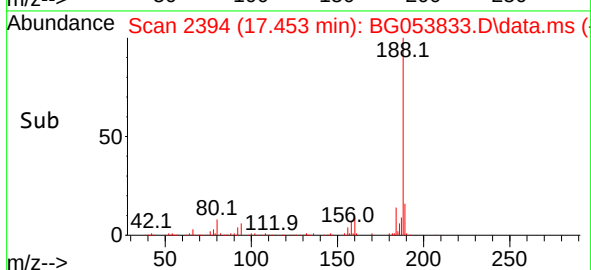
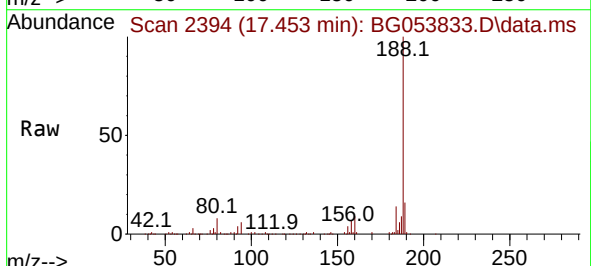
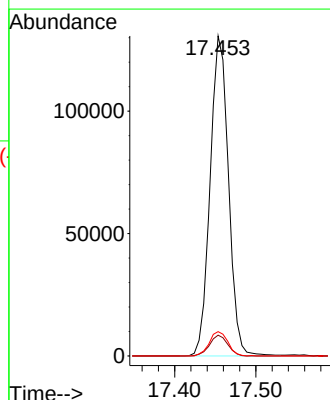
Tgt Ion:188 Resp: 205304

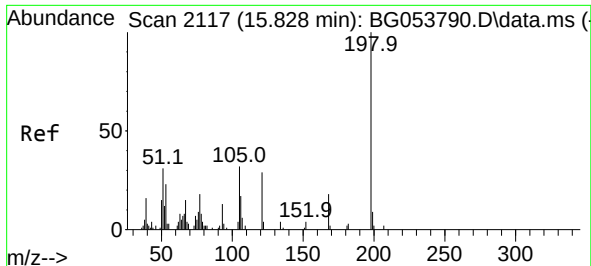
Ion Ratio Lower Upper

188 100

94 6.5 5.4 8.0

80 7.6 6.8 10.2

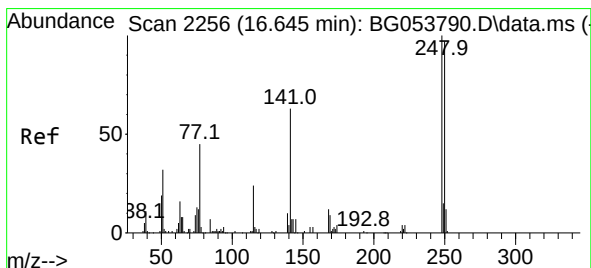
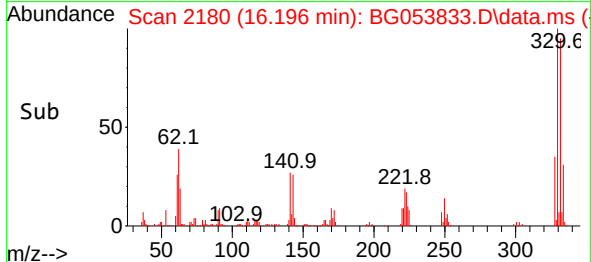
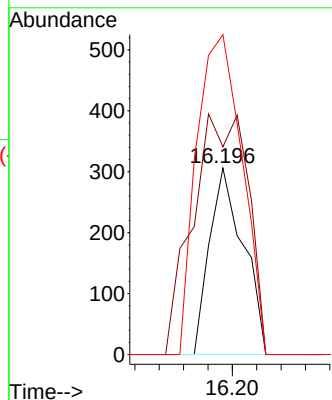
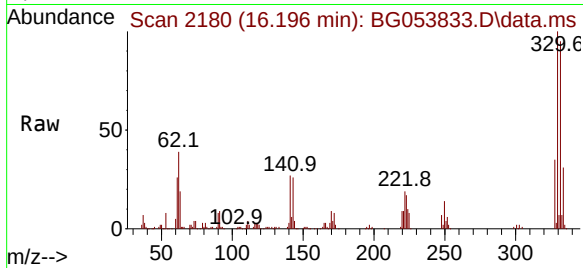




#65
4,6-Dinitro-2-methylphenol
Concen: 5.935 ng
RT: 16.196 min Scan# 2117
Delta R.T. 0.368 min
Lab File: BG053833.D
Acq: 6 Jun 2022 17:43

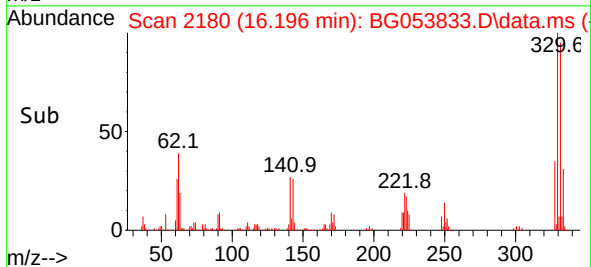
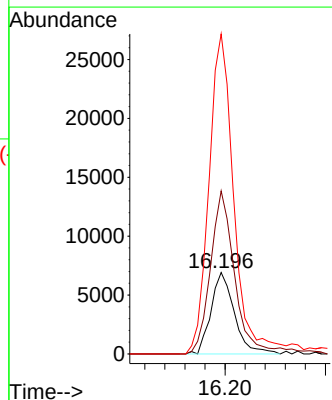
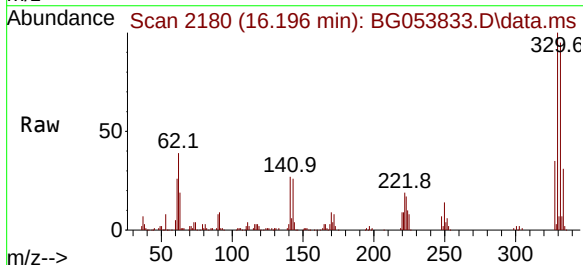
Instrument :
BNA_G
ClientSampleId :
20220415-COMPOSITE-D

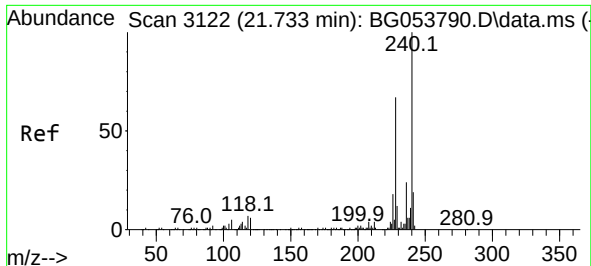
Tgt Ion:198 Resp: 296
Ion Ratio Lower Upper
198 100
51 22.8 28.1 68.1#
105 35.0 20.3 60.3



#67
4-Bromophenyl-phenylether
Concen: 5.016 ng
RT: 16.196 min Scan# 2180
Delta R.T. -0.449 min
Lab File: BG053833.D
Acq: 6 Jun 2022 17:43

Tgt Ion:248 Resp: 11190
Ion Ratio Lower Upper
248 100
250 200.1 75.2 112.8#
141 392.7 50.0 75.0#

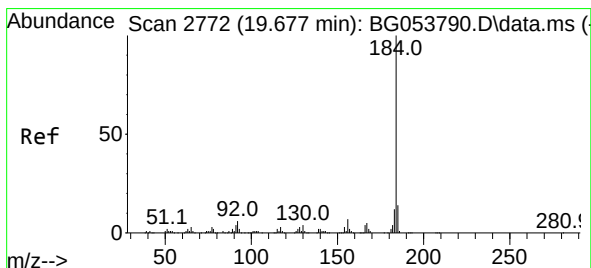
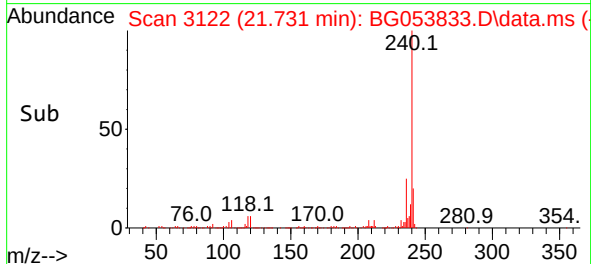
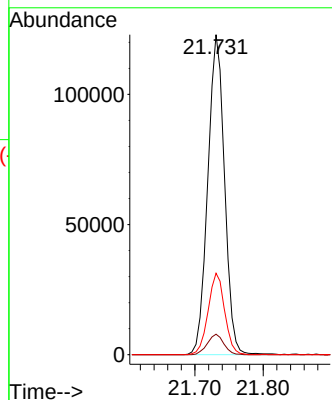
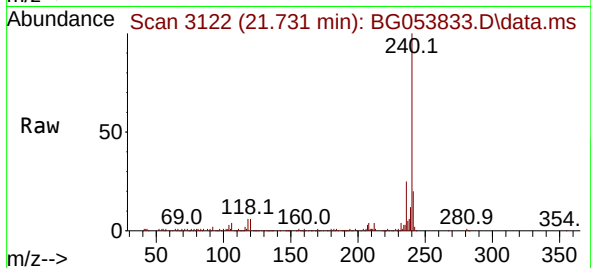




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.731 min Scan# 31
Delta R.T. -0.002 min
Lab File: BG053833.D
Acq: 6 Jun 2022 17:43

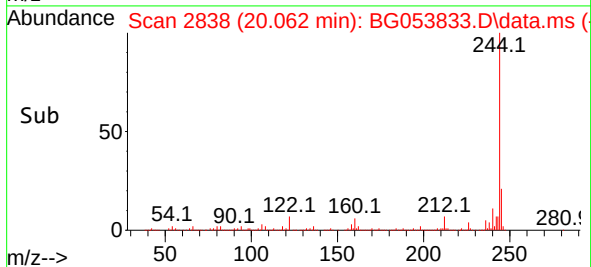
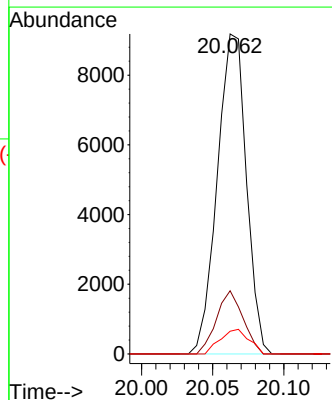
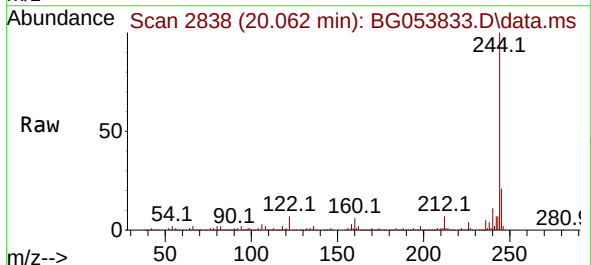
Instrument :
BNA_G
ClientSampleId :
20220415-COMPOSITE-D

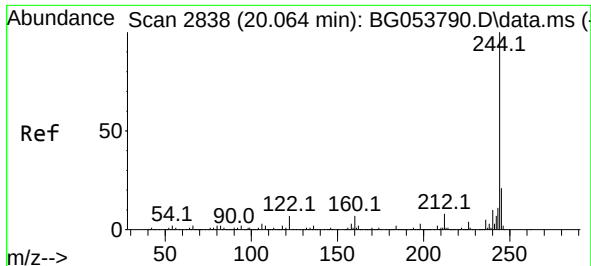
Tgt Ion:240 Resp: 209814
Ion Ratio Lower Upper
240 100
120 6.4 4.6 7.0
236 25.5 20.2 30.4



#77
Benzidine
Concen: 2.545 ng
RT: 20.062 min Scan# 2838
Delta R.T. 0.386 min
Lab File: BG053833.D
Acq: 6 Jun 2022 17:43

Tgt Ion:184 Resp: 13057
Ion Ratio Lower Upper
184 100
185 19.8 11.8 17.6#
183 7.1 8.9 13.3#

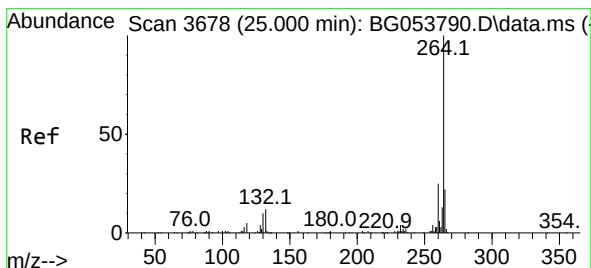
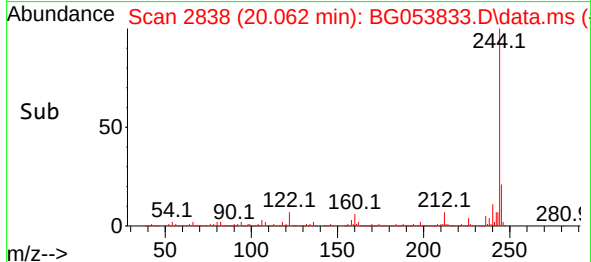
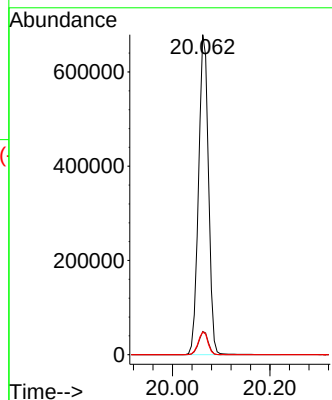
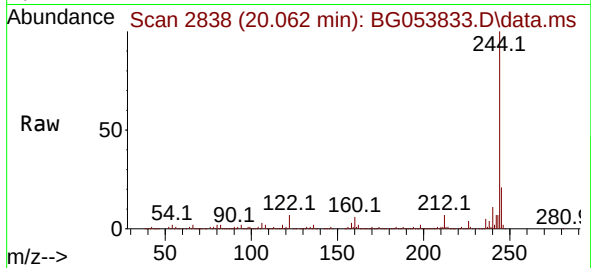




#79
 Terphenyl-d14
 Concen: 91.401 ng
 RT: 20.062 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG053833.D
 Acq: 6 Jun 2022 17:43

Instrument :
 BNA_G
 ClientSampleId :
 20220415-COMPOSITE-D

Tgt Ion:244 Resp: 963967
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.5 9.7
 122 7.1 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.998 min Scan# 3678
 Delta R.T. -0.002 min
 Lab File: BG053833.D
 Acq: 6 Jun 2022 17:43

Tgt Ion:264 Resp: 212572
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.0 28.6
 265 21.9 17.4 26.2

