

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063022\
 Data File : BG054179.D
 Acq On : 30 Jun 2022 21:25
 Operator : CG/JU
 Sample : N3549-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ML-2

Quant Time: Jul 01 04:05:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 00:27:54 2022
 Response via : Initial Calibration

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

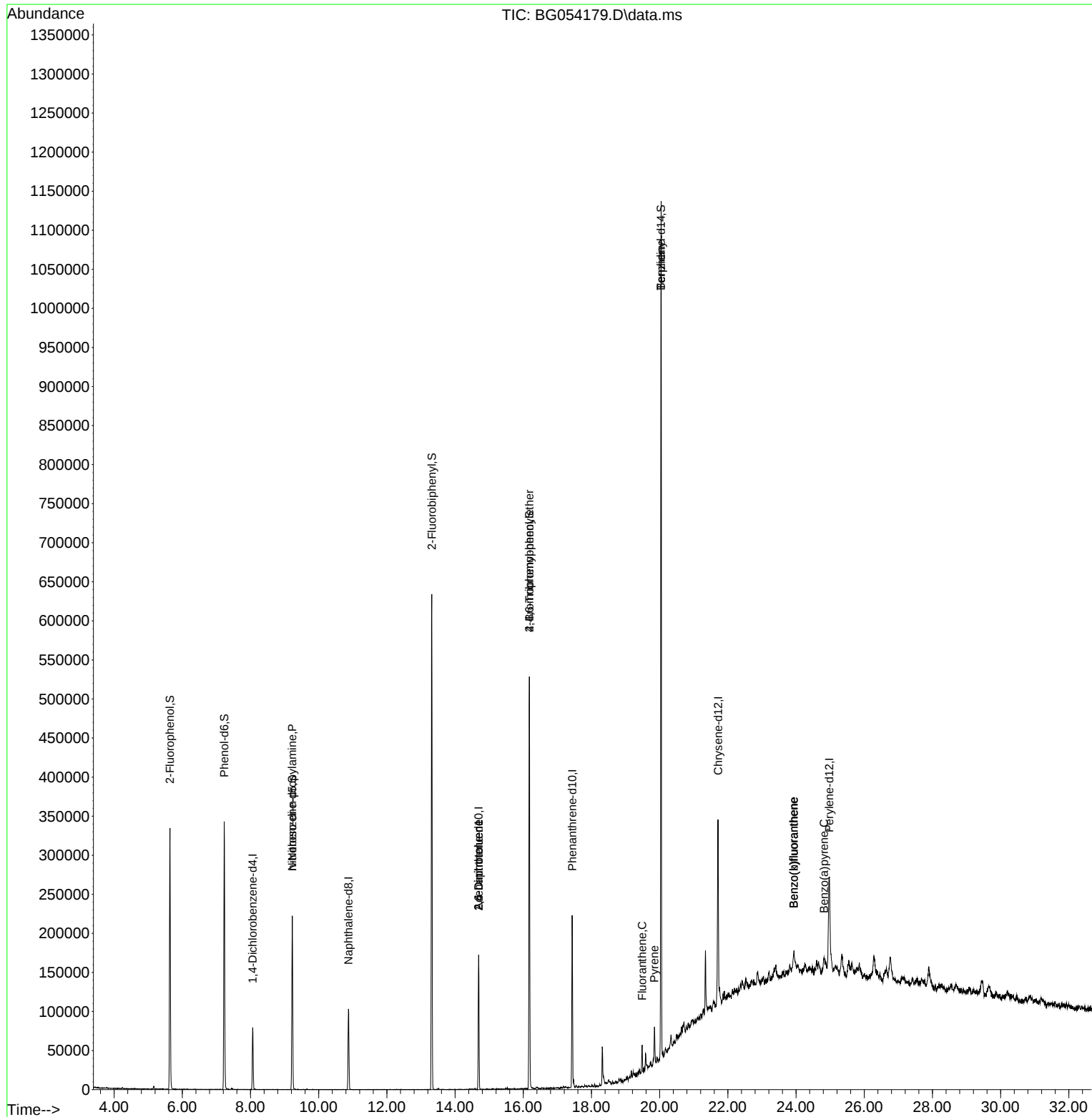
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.064	152	25472	20.000	ng	0.00
21) Naphthalene-d8	10.872	136	96679	20.000	ng	0.00
39) Acenaphthene-d10	14.692	164	66463	20.000	ng	0.00
64) Phenanthrene-d10	17.435	188	156493	20.000	ng	# 0.00
76) Chrysene-d12	21.713	240	167178	20.000	ng	0.00
86) Perylene-d12	24.974	264	170708	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.637	112	155592	116.786	ng	0.00
7) Phenol-d6	7.230	99	203825	112.777	ng	0.00
23) Nitrobenzene-d5	9.227	82	140135	81.456	ng	0.00
42) 2,4,6-Tribromophenol	16.178	330	133667	125.174	ng	0.00
45) 2-Fluorobiphenyl	13.317	172	370868	81.142	ng	0.00
79) Terphenyl-d14	20.044	244	629230	75.807	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.227	70	18585	15.306	ng	# 84
51) 2,6-Dinitrotoluene	14.692	165	9042	8.842	ng	# 17
57) 2,4-Dinitrotoluene	14.692	165	9042	6.260	ng	# 22
67) 4-Bromophenyl-phenylether	16.178	248	8277	4.235	ng	# 1
75) Fluoranthene	19.486	202	23677	2.243	ng	95
77) Benzidine	20.044	184	9019	2.605	ng	97
78) Pyrene	19.844	202	29679	2.939	ng	99
88) Benzo(b)fluoranthene	23.934	252	34612	3.335	ng	# 76
89) Benzo(k)fluoranthene	23.934	252	34612	3.368	ng	# 78
90) Benzo(a)pyrene	24.821	252	18580	2.122	ng	# 81

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

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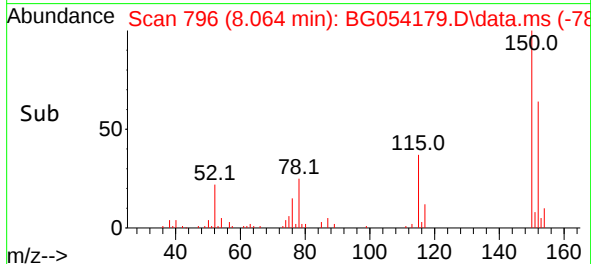
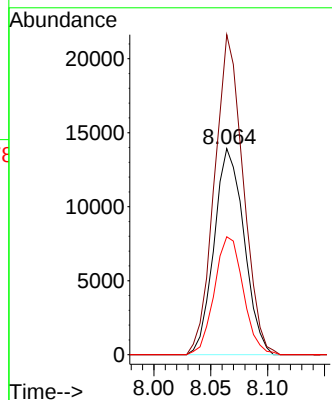
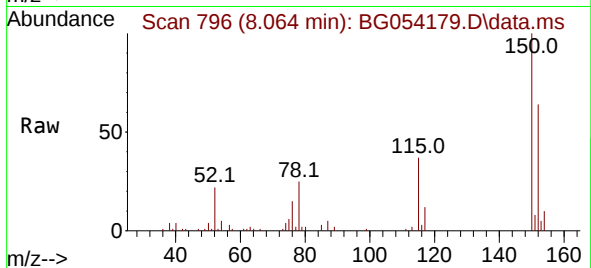




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.064 min Scan# 79
Delta R.T. -0.006 min
Lab File: BG054179.D
Acq: 30 Jun 2022 21:25

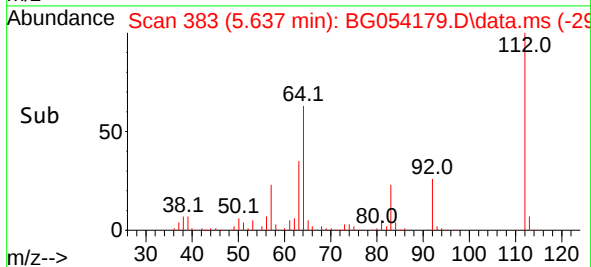
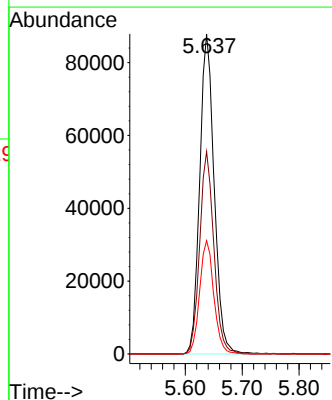
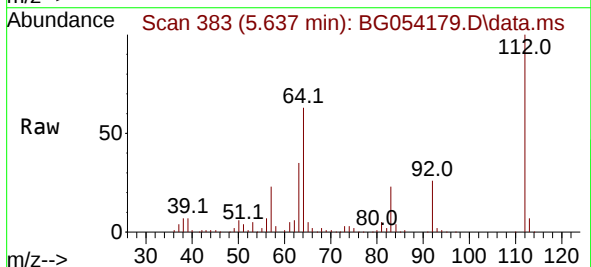
Instrument :
BNA_G
ClientSampleId :
ML-2

Tgt Ion:152 Resp: 25472
Ion Ratio Lower Upper
152 100
150 155.2 131.6 197.4
115 57.2 50.9 76.3



#5
2-Fluorophenol
Concen: 116.786 ng
RT: 5.637 min Scan# 383
Delta R.T. -0.001 min
Lab File: BG054179.D
Acq: 30 Jun 2022 21:25

Tgt Ion:112 Resp: 155592
Ion Ratio Lower Upper
112 100
64 63.3 55.1 82.7
63 35.4 30.4 45.6

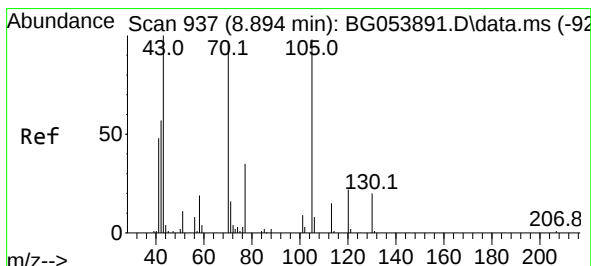
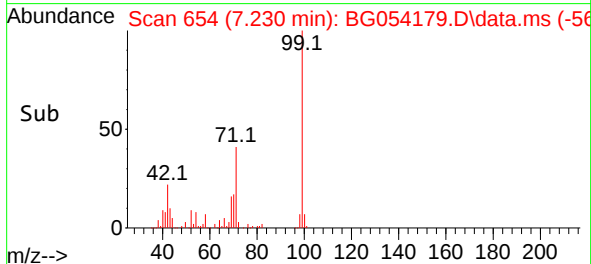
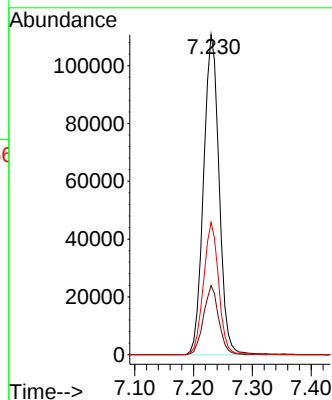
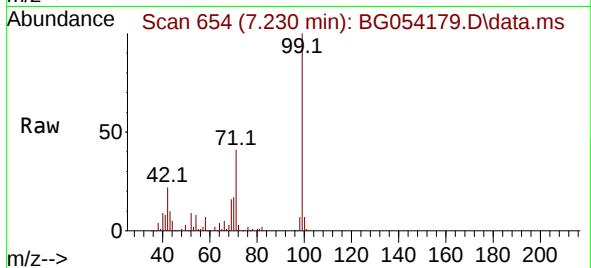




#7
Phenol-d6
Concen: 112.777 ng
RT: 7.230 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG054179.D
Acq: 30 Jun 2022 21:25

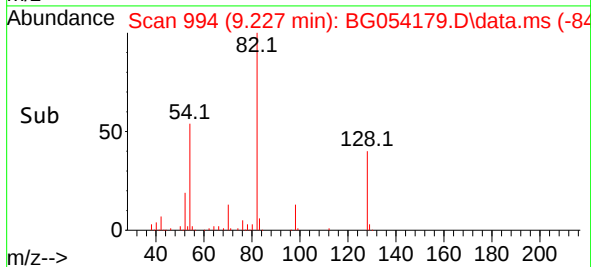
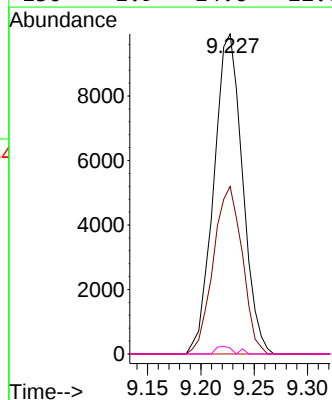
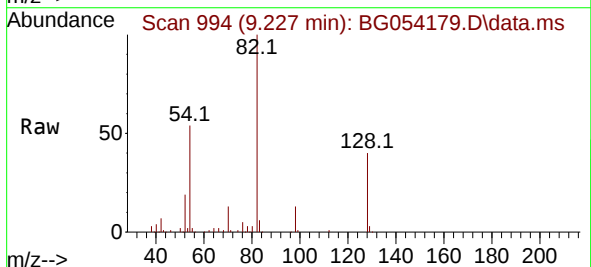
Instrument :
BNA_G
ClientSampleId :
ML-2

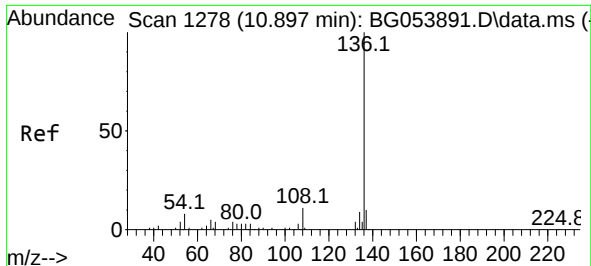
Tgt Ion: 99 Resp: 203825
Ion Ratio Lower Upper
99 100
42 21.6 17.0 25.6
71 41.3 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 15.306 ng
RT: 9.227 min Scan# 994
Delta R.T. 0.352 min
Lab File: BG054179.D
Acq: 30 Jun 2022 21:25

Tgt Ion: 70 Resp: 18585
Ion Ratio Lower Upper
70 100
42 52.4 47.3 70.9
101 0.0 7.0 10.4#
130 1.9 14.6 22.0#

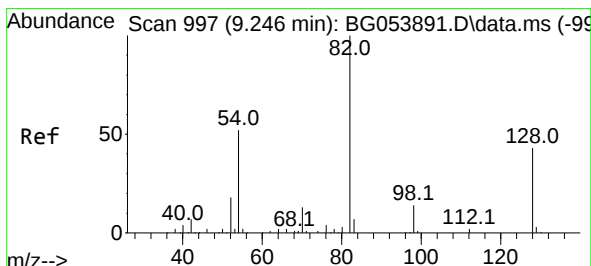
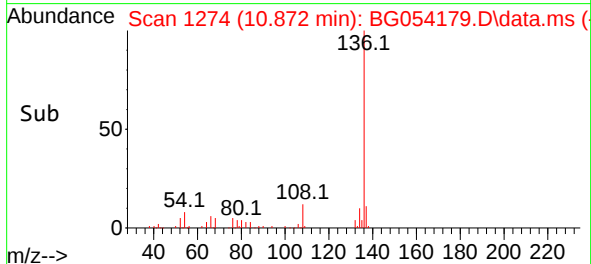
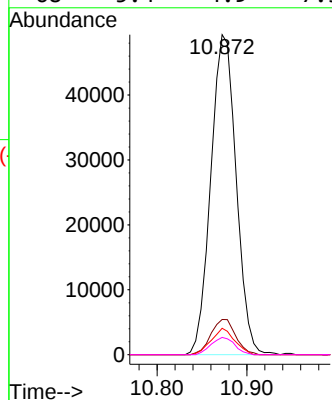
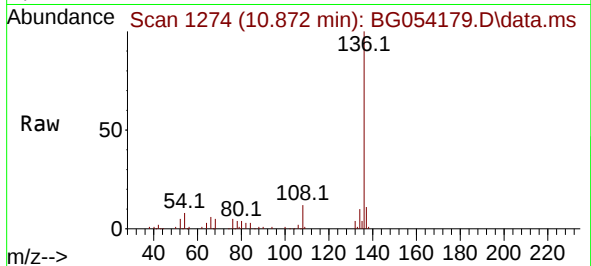




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.872 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG054179.D
Acq: 30 Jun 2022 21:25

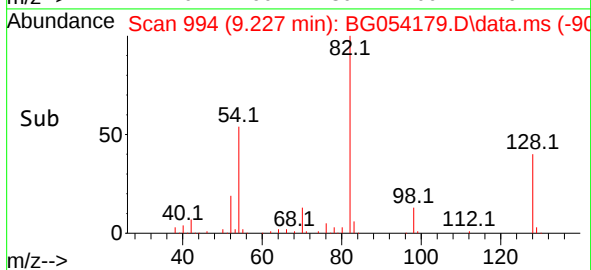
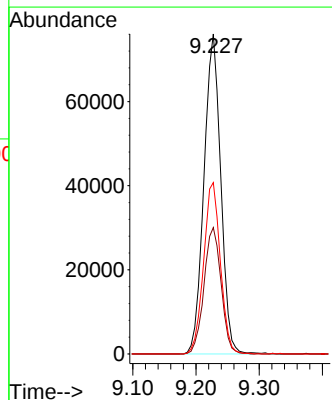
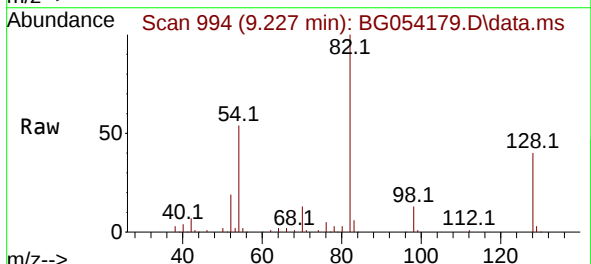
Instrument :
BNA_G
ClientSampleId :
ML-2

Tgt Ion:	136	Resp:	96679
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.5	12.7
54	8.2	7.4	11.2
68	5.4	4.9	7.3



#23
Nitrobenzene-d5
Concen: 81.456 ng
RT: 9.227 min Scan# 994
Delta R.T. -0.006 min
Lab File: BG054179.D
Acq: 30 Jun 2022 21:25

Tgt Ion:	82	Resp:	140135
Ion Ratio	Lower	Upper	
82	100		
128	39.5	27.9	41.9
54	53.5	41.2	61.8

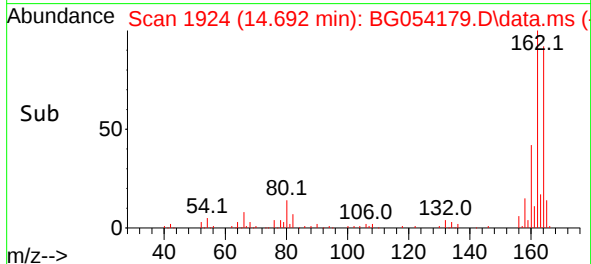
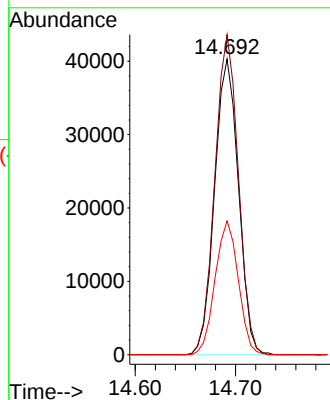
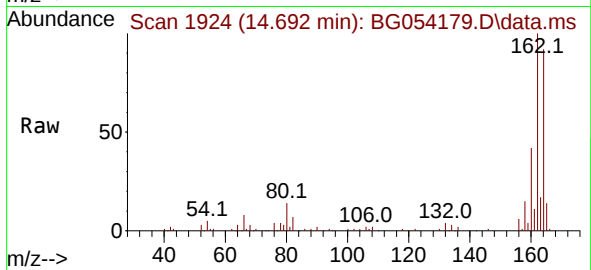




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.692 min Scan# 1924
Delta R.T. -0.006 min
Lab File: BG054179.D
Acq: 30 Jun 2022 21:25

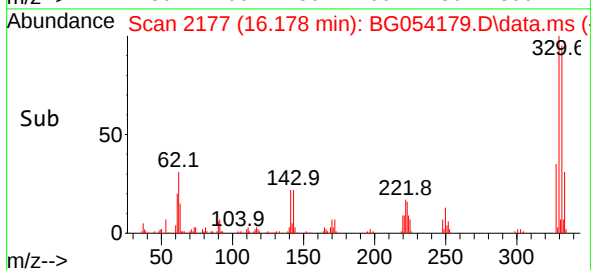
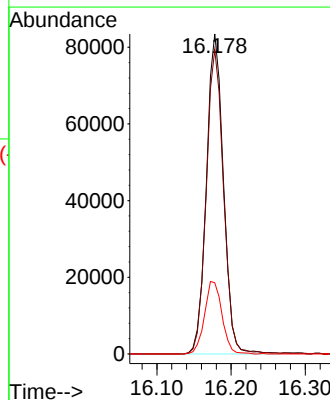
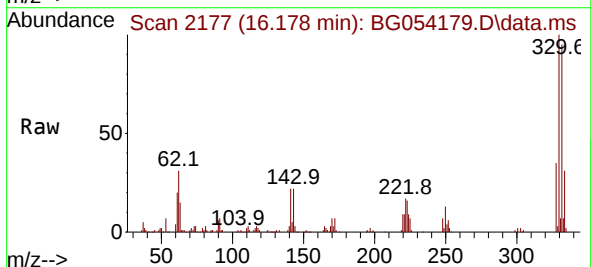
Instrument :
BNA_G
ClientSampleId :
ML-2

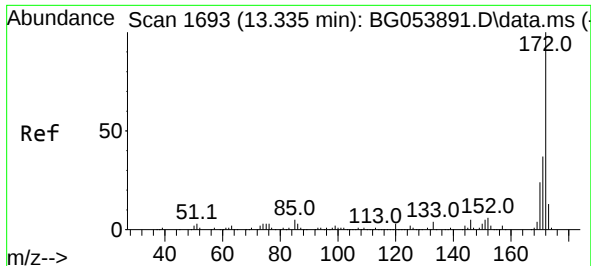
Tgt Ion:164 Resp: 66463
Ion Ratio Lower Upper
164 100
162 108.3 82.3 123.5
160 45.3 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 125.174 ng
RT: 16.178 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BG054179.D
Acq: 30 Jun 2022 21:25

Tgt Ion:330 Resp: 133667
Ion Ratio Lower Upper
330 100
332 96.3 76.0 114.0
141 23.2 27.1 40.7#

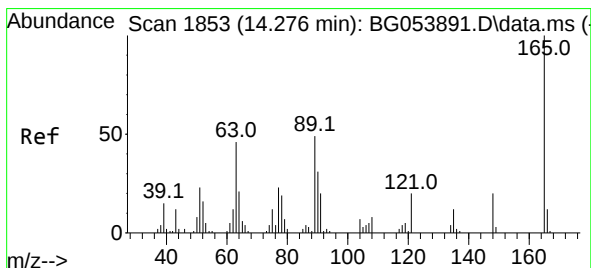
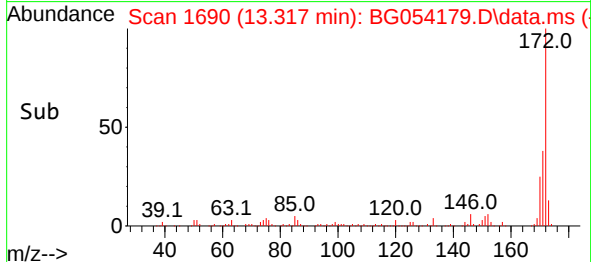
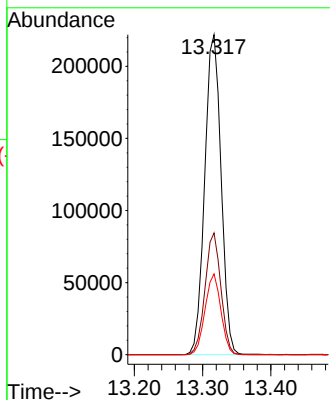
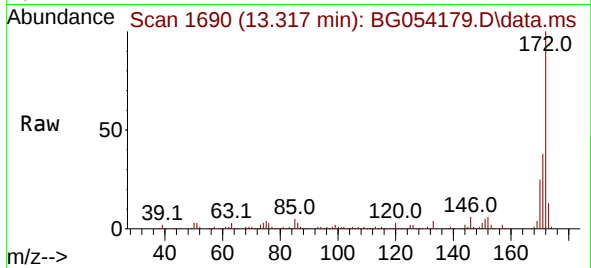




#45
2-Fluorobiphenyl
Concen: 81.142 ng
RT: 13.317 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG054179.D
Acq: 30 Jun 2022 21:25

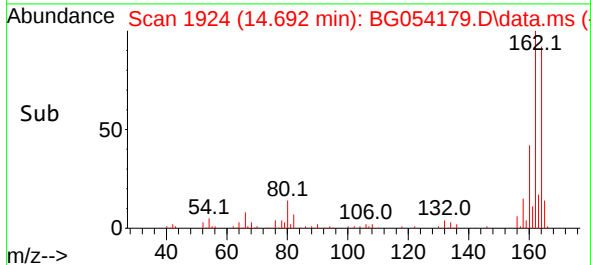
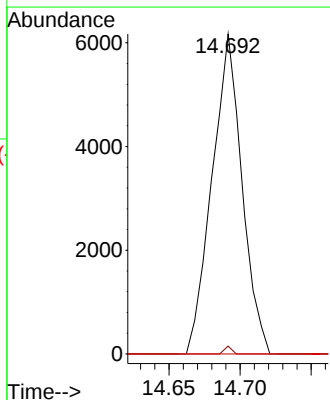
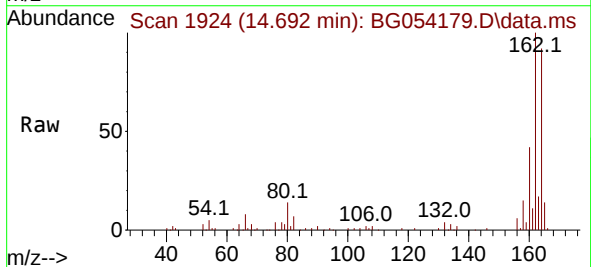
Instrument :
BNA_G
ClientSampleId :
ML-2

Tgt Ion:172 Resp: 370868
Ion Ratio Lower Upper
172 100
171 38.0 28.5 42.7
170 25.3 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.842 ng
RT: 14.692 min Scan# 1924
Delta R.T. 0.428 min
Lab File: BG054179.D
Acq: 30 Jun 2022 21:25

Tgt Ion:165 Resp: 9042
Ion Ratio Lower Upper
165 100
63 2.5 54.1 81.1#
89 0.0 54.8 82.2#





#57

2,4-Dinitrotoluene

Concen: 6.260 ng

RT: 14.692 min Scan# 1987

Delta R.T. -0.359 min

Lab File: BG054179.D

Acq: 30 Jun 2022 21:25

Instrument :

BNA_G

ClientSampleId :

ML-2

Tgt Ion:165 Resp: 9042

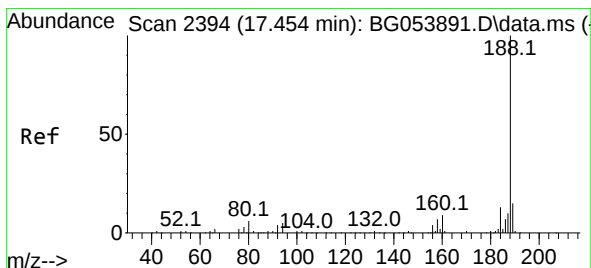
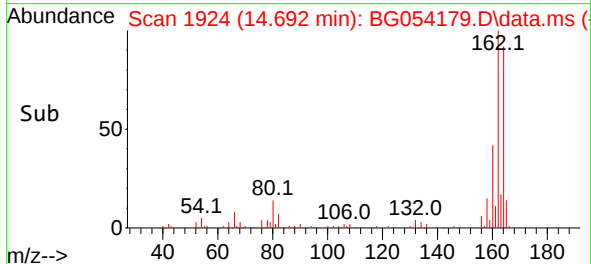
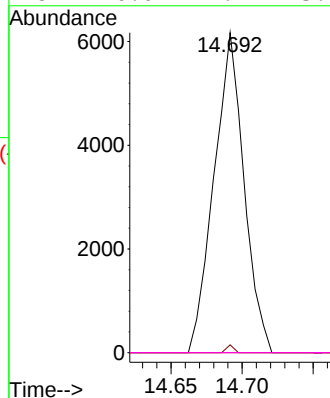
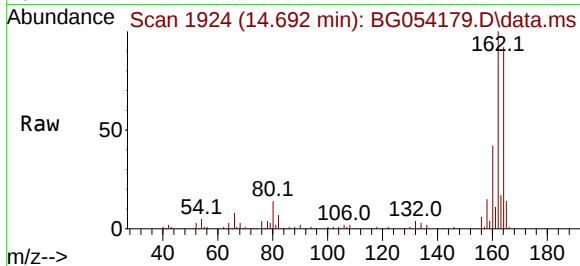
Ion Ratio Lower Upper

165 100

63 2.5 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: 17.435 min Scan# 2391

Delta R.T. -0.006 min

Lab File: BG054179.D

Acq: 30 Jun 2022 21:25

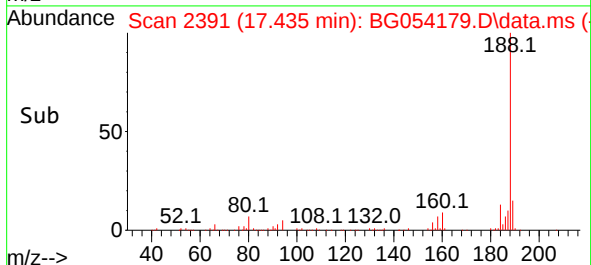
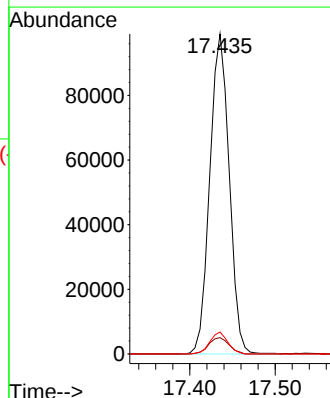
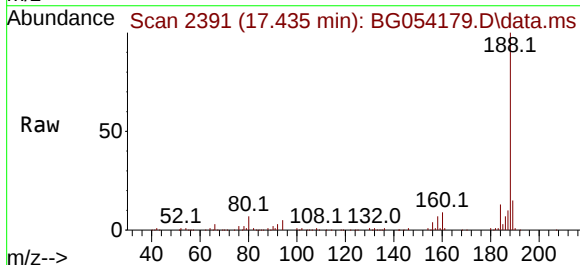
Tgt Ion:188 Resp: 156493

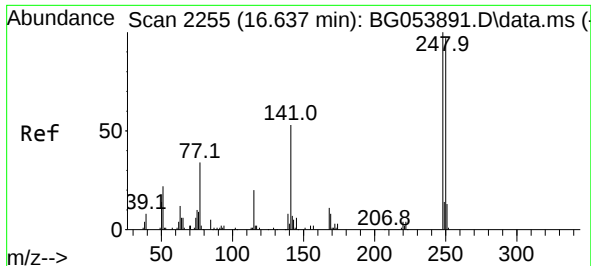
Ion Ratio Lower Upper

188 100

94 5.1 5.4 8.0#

80 6.9 6.8 10.2

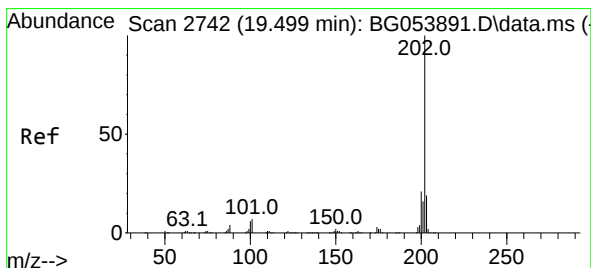
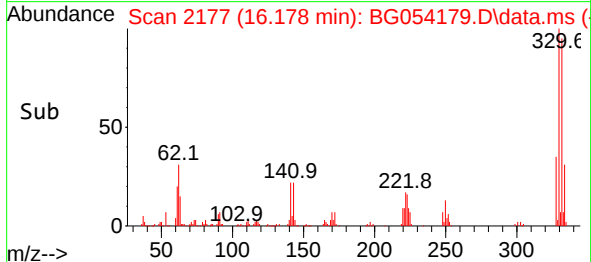
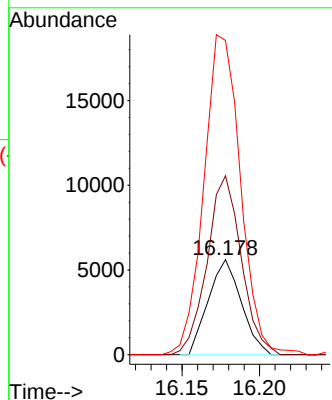
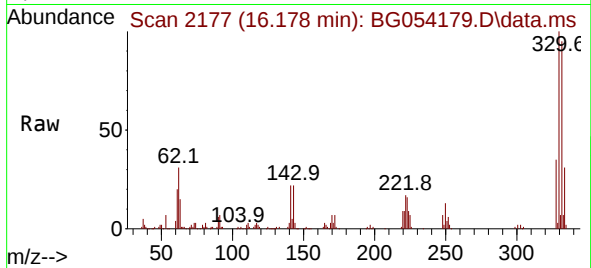




#67
4-Bromophenyl-phenylether
Concen: 4.235 ng
RT: 16.178 min Scan# 2177
Delta R.T. -0.447 min
Lab File: BG054179.D
Acq: 30 Jun 2022 21:25

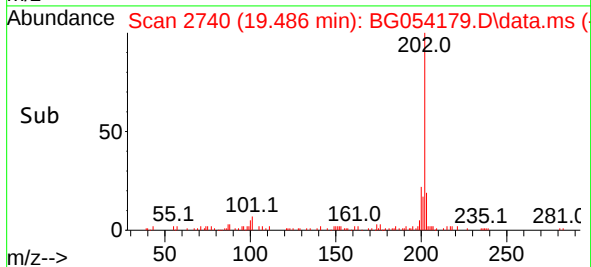
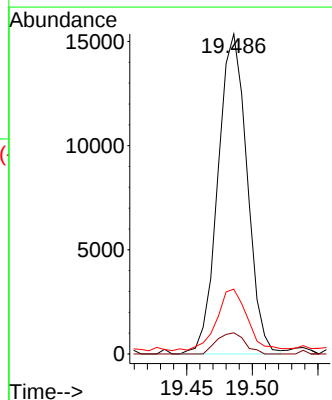
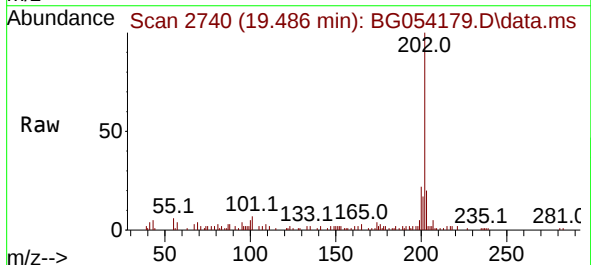
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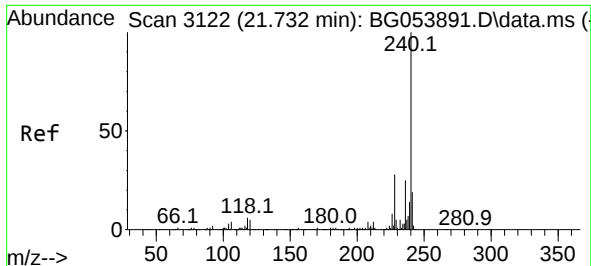
Tgt Ion:248 Resp: 8277
Ion Ratio Lower Upper
248 100
250 148.4 75.2 112.8#
141 260.7 50.0 75.0#



#75
Fluoranthene
Concen: 2.243 ng
RT: 19.486 min Scan# 2740
Delta R.T. -0.006 min
Lab File: BG054179.D
Acq: 30 Jun 2022 21:25

Tgt Ion:202 Resp: 23677
Ion Ratio Lower Upper
202 100
101 6.6 0.0 26.9
203 20.3 0.0 37.2

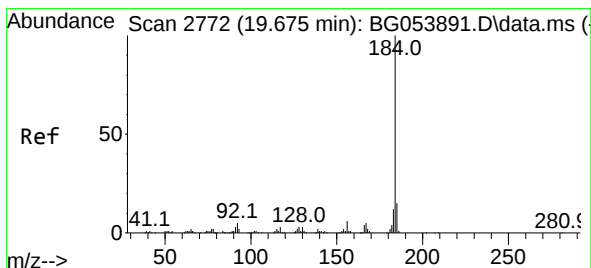
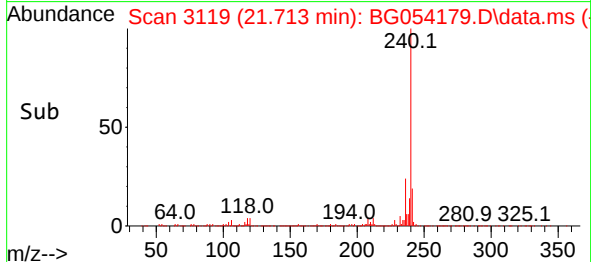
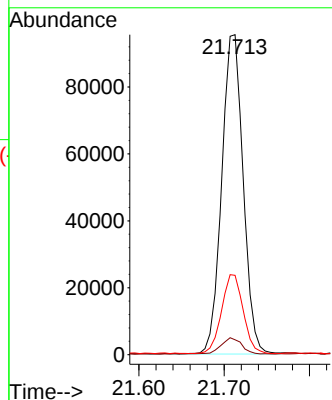
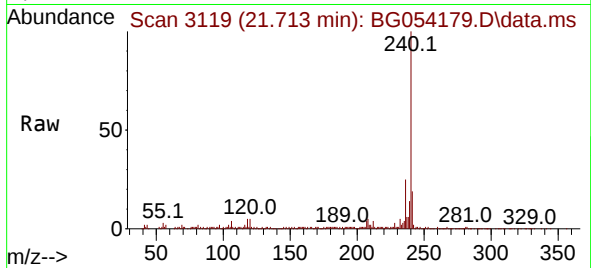




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.713 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG054179.D
Acq: 30 Jun 2022 21:25

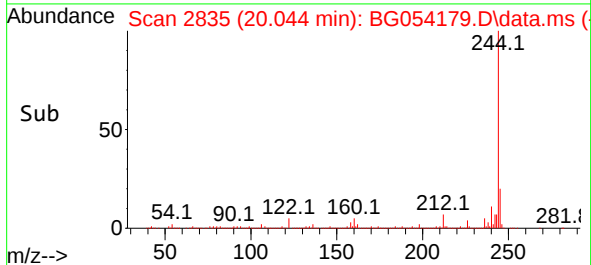
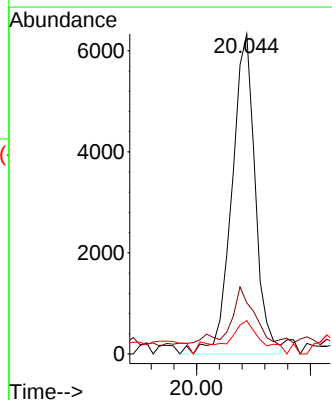
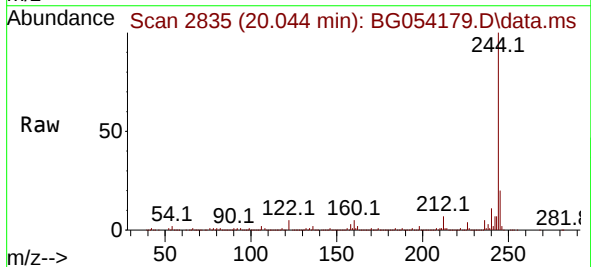
Instrument :
BNA_G
ClientSampleId :
ML-2

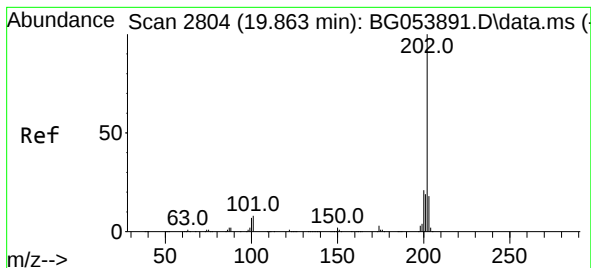
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Ion Ratio Lower Upper
240 100
120 4.7 4.6 7.0
236 24.8 20.2 30.4



#77
Benzidine
Concen: 2.605 ng
RT: 20.044 min Scan# 2835
Delta R.T. 0.381 min
Lab File: BG054179.D
Acq: 30 Jun 2022 21:25

Tgt Ion:184 Resp: 9019
Ion Ratio Lower Upper
184 100
185 16.0 11.8 17.6
183 10.4 8.9 13.3





#78

Pyrene

Concen: 2.939 ng

RT: 19.844 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG054179.D

Acq: 30 Jun 2022 21:25

Instrument :

BNA_G

ClientSampleId :

ML-2

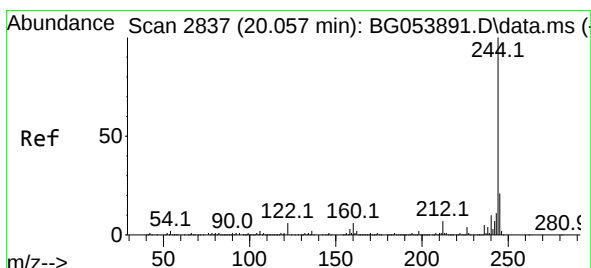
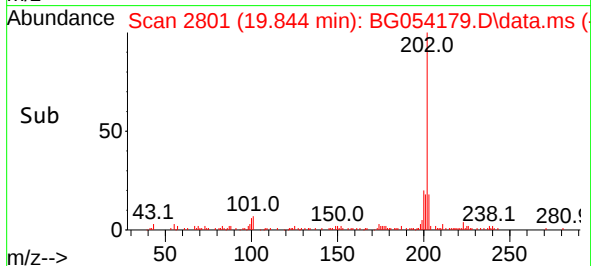
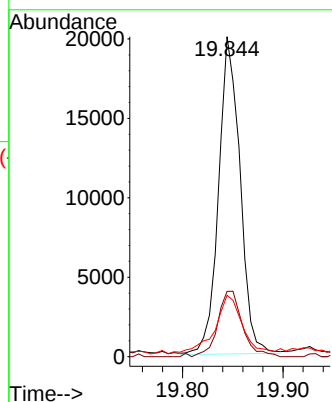
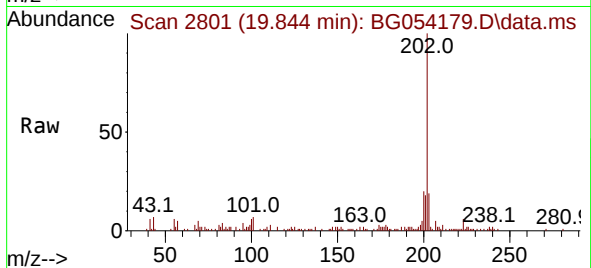
Tgt Ion:202 Resp: 29679

Ion Ratio Lower Upper

202 100

200 20.4 16.6 24.8

203 19.2 14.6 21.8



#79

Terphenyl-d14

Concen: 75.807 ng

RT: 20.044 min Scan# 2835

Delta R.T. -0.001 min

Lab File: BG054179.D

Acq: 30 Jun 2022 21:25

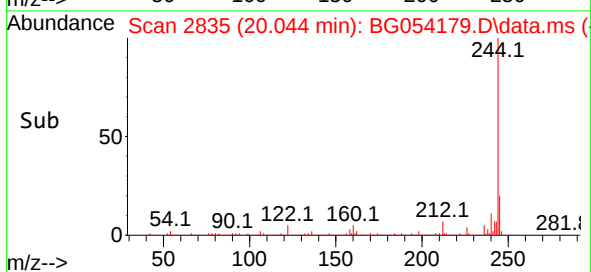
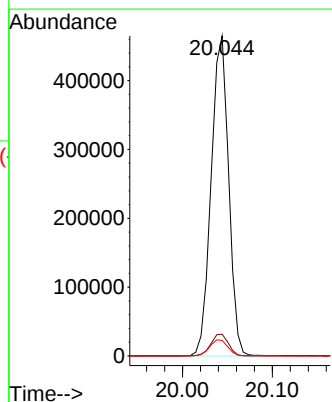
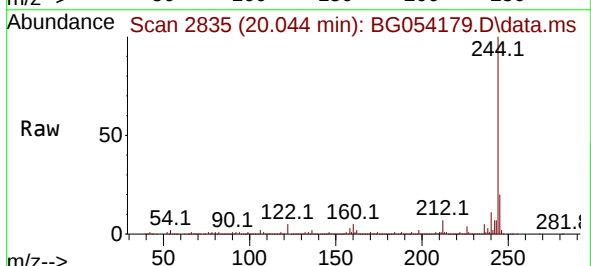
Tgt Ion:244 Resp: 629230

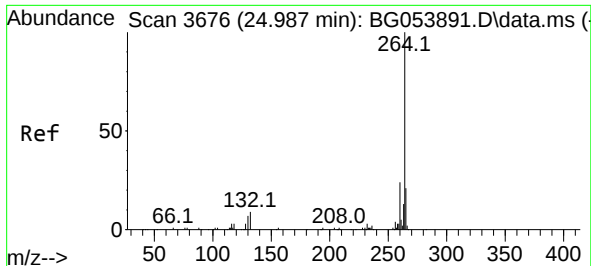
Ion Ratio Lower Upper

244 100

212 6.8 6.5 9.7

122 4.8 5.0 7.4#

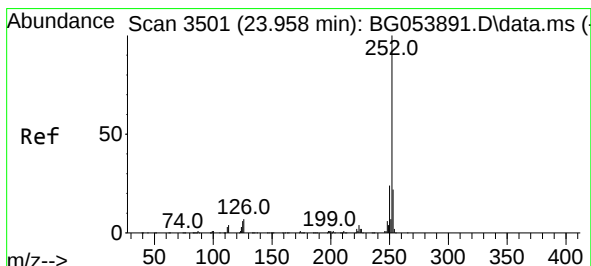
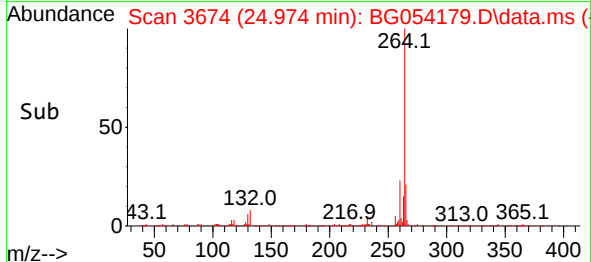
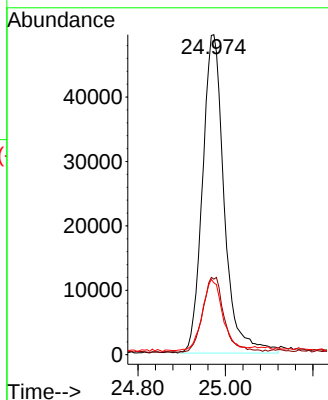
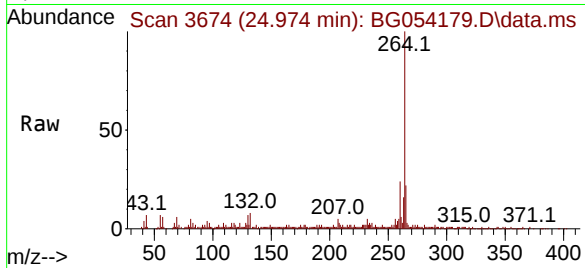




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.974 min Scan# 30
Delta R.T. 0.011 min
Lab File: BG054179.D
Acq: 30 Jun 2022 21:25

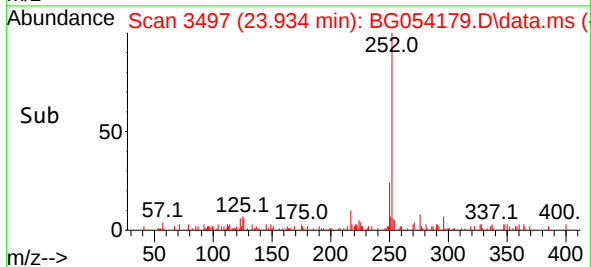
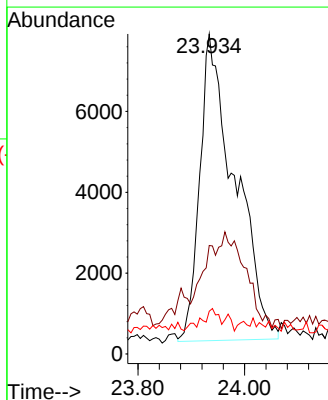
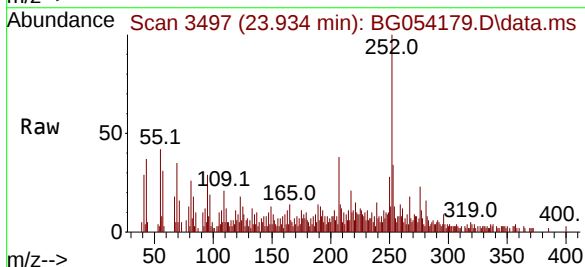
Instrument :
BNA_G
ClientSampleId :
ML-2

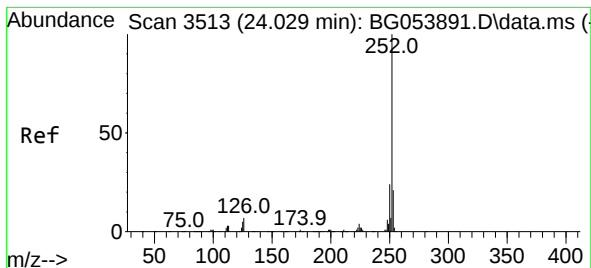
Tgt Ion:264 Resp: 170708
Ion Ratio Lower Upper
264 100
260 23.6 19.0 28.6
265 22.4 17.4 26.2



#88
Benzo(b)fluoranthene
Concen: 3.335 ng
RT: 23.934 min Scan# 3497
Delta R.T. -0.001 min
Lab File: BG054179.D
Acq: 30 Jun 2022 21:25

Tgt Ion:252 Resp: 34612
Ion Ratio Lower Upper
252 100
253 33.9 18.0 27.0#
125 13.4 4.6 6.8#





#89

Benzo(k)fluoranthene

Concen: 3.368 ng

RT: 23.934 min Scan# 34

Delta R.T. -0.071 min

Lab File: BG054179.D

Acq: 30 Jun 2022 21:25

Instrument :

BNA_G

ClientSampleId :

ML-2

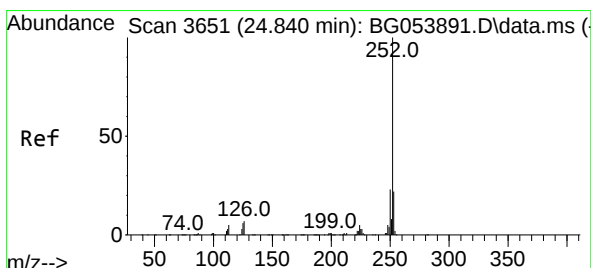
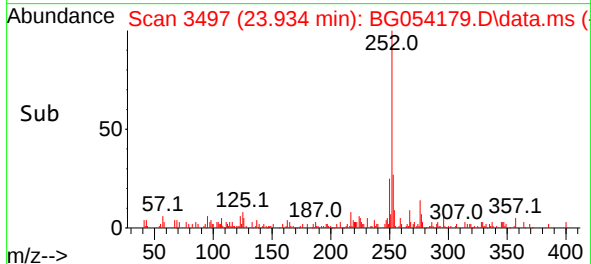
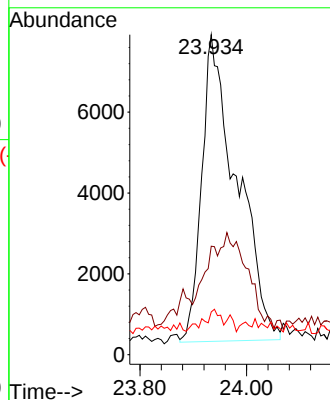
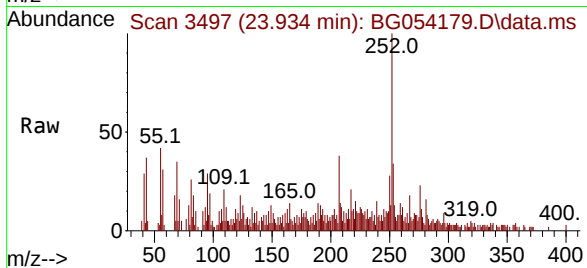
Tgt Ion:252 Resp: 34612

Ion Ratio Lower Upper

252 100

253 33.9 18.4 27.6#

125 13.4 4.8 7.2#



#90

Benzo(a)pyrene

Concen: 2.122 ng

RT: 24.821 min Scan# 3648

Delta R.T. 0.005 min

Lab File: BG054179.D

Acq: 30 Jun 2022 21:25

Tgt Ion:252 Resp: 18580

Ion Ratio Lower Upper

252 100

253 31.4 17.8 26.8#

125 11.5 4.3 6.5#

