

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060922\
 Data File : BG053867.D
 Acq On : 9 Jun 2022 19:15
 Operator : CG/JU
 Sample : N3270-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-11B

Quant Time: Jun 10 01:00:39 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)

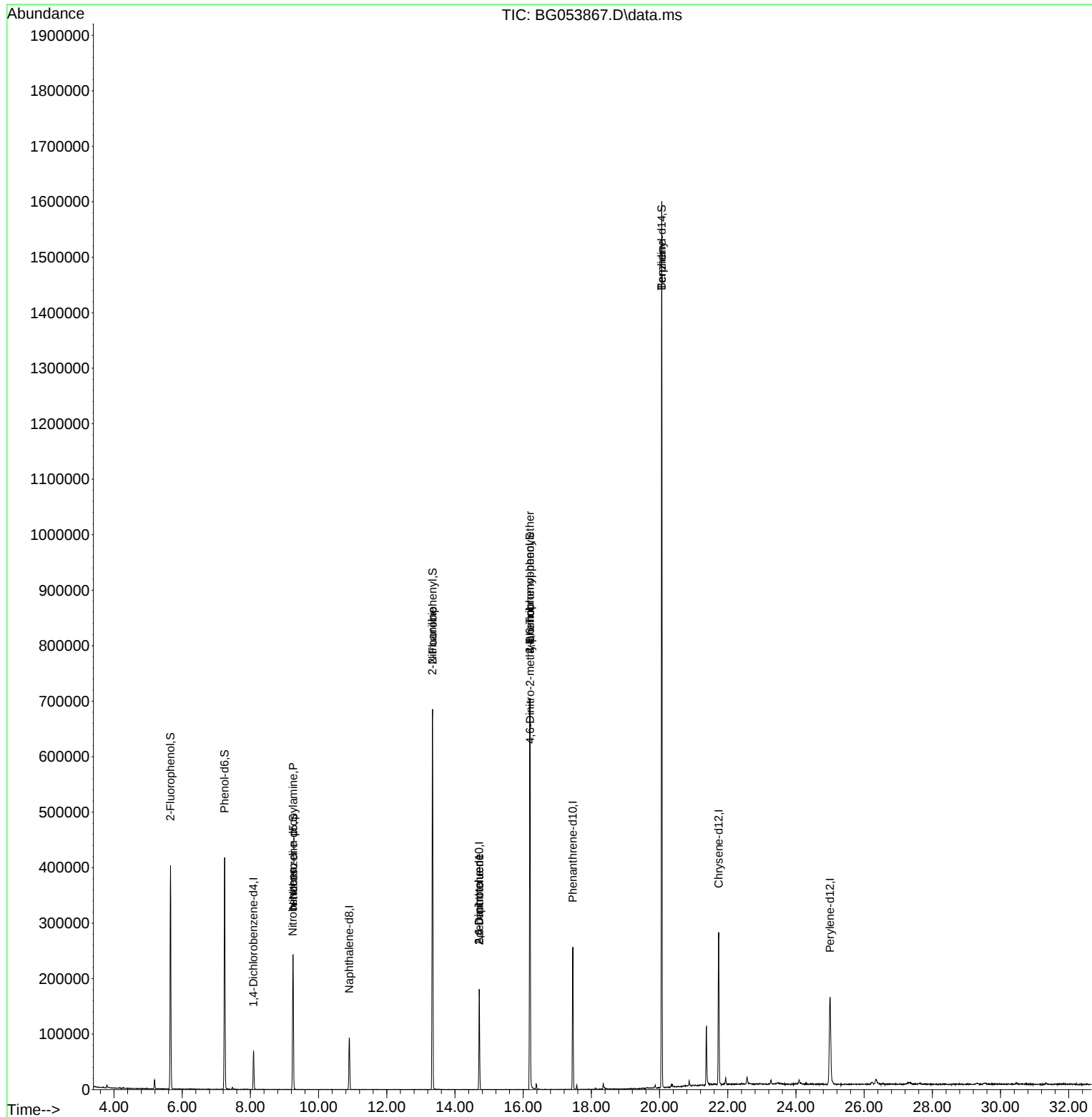
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.089	152	21800	20.000	ng	0.00
21) Naphthalene-d8	10.897	136	88562	20.000	ng	0.00
39) Acenaphthene-d10	14.711	164	69067	20.000	ng	0.00
64) Phenanthrene-d10	17.454	188	183675	20.000	ng	0.00
76) Chrysene-d12	21.732	240	199569	20.000	ng	0.00
86) Perylene-d12	24.999	264	200567	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.656	112	186148	156.804	ng	0.00
7) Phenol-d6	7.243	99	249052	154.874	ng	0.00
23) Nitrobenzene-d5	9.252	82	159344	118.153	ng	0.00
42) 2,4,6-Tribromophenol	16.197	330	173128	206.504	ng	0.00
45) 2-Fluorobiphenyl	13.342	172	416206	90.151	ng	0.00
79) Terphenyl-d14	20.063	244	899396	89.656	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.252	70	21205	18.618	ng	# 77
24) Nitrobenzene	9.241	77	397	3.220	ng	# 48
48) 2-Nitroaniline	13.336	65	464	5.467	ng	# 1
51) 2,6-Dinitrotoluene	14.711	165	9139	13.262	ng	# 16
57) 2,4-Dinitrotoluene	14.711	165	9139	11.111	ng	# 21
65) 4,6-Dinitro-2-methylph...	16.203	198	168	5.814	ng	# 60
67) 4-Bromophenyl-phenylether	16.197	248	10849	5.436	ng	# 1
77) Benzidine	20.063	184	11660	2.389	ng	97

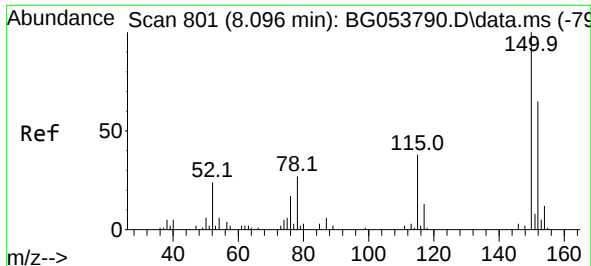
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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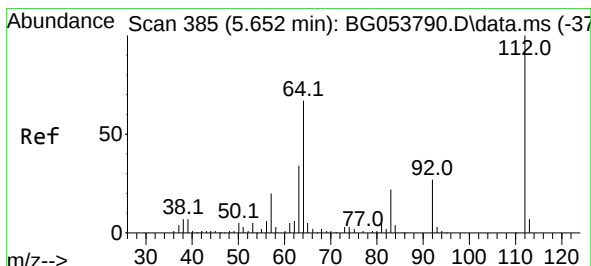
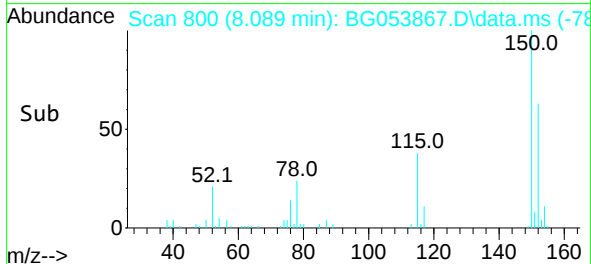
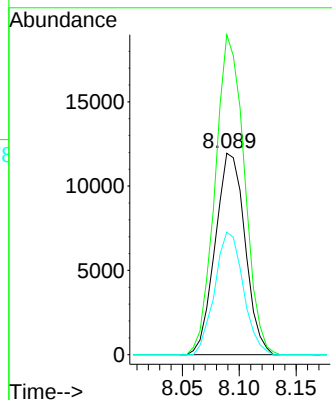
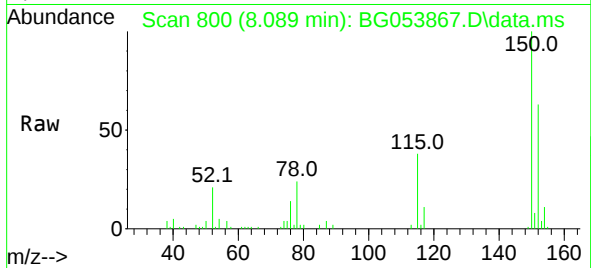




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.089 min Scan# 801
Delta R.T. -0.007 min
Lab File: BG053867.D
Acq: 9 Jun 2022 19:15

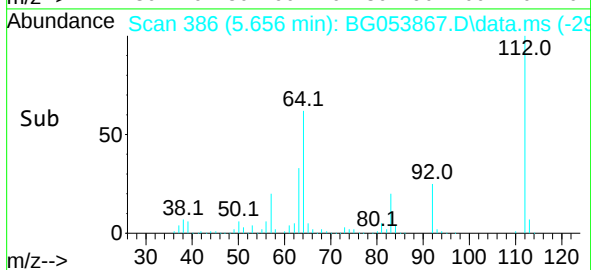
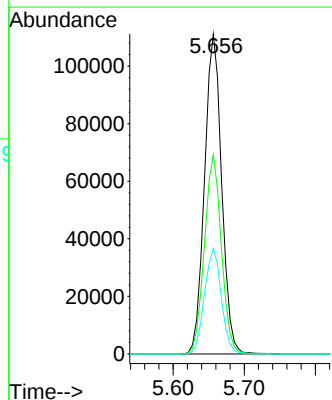
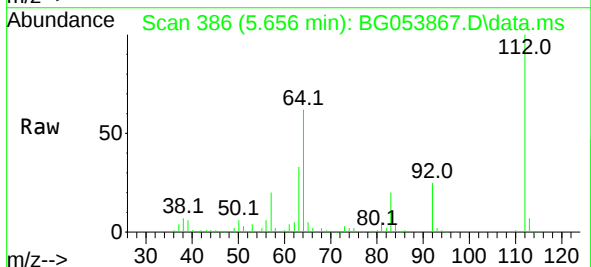
Instrument :
BNA_G
ClientSampleId :
TP-11B

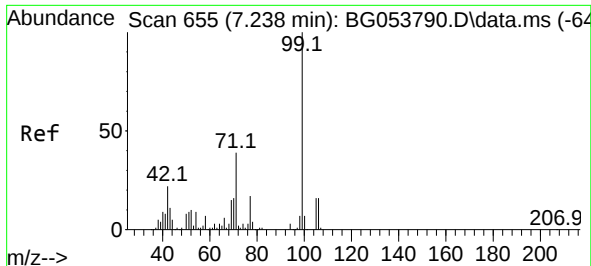
Tgt Ion:152 Resp: 21800
Ion Ratio Lower Upper
152 100
150 158.8 131.6 197.4
115 60.9 50.9 76.3



#5
2-Fluorophenol
Concen: 156.804 ng
RT: 5.656 min Scan# 386
Delta R.T. 0.004 min
Lab File: BG053867.D
Acq: 9 Jun 2022 19:15

Tgt Ion:112 Resp: 186148
Ion Ratio Lower Upper
112 100
64 62.3 55.1 82.7
63 33.0 30.4 45.6

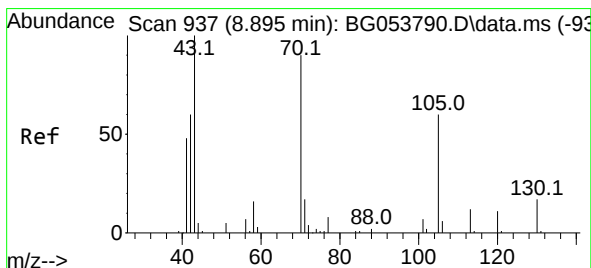
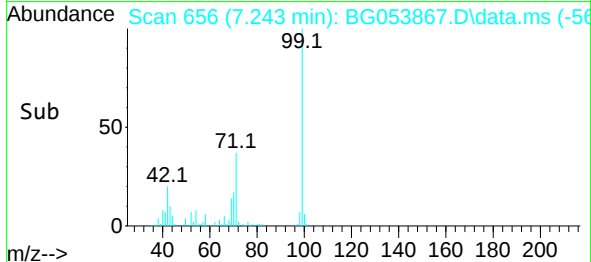
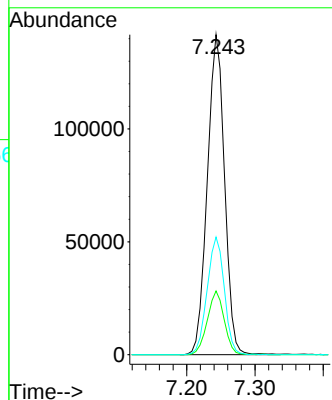
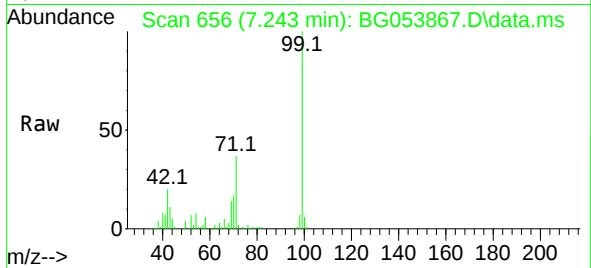




#7
Phenol-d6
Concen: 154.874 ng
RT: 7.243 min Scan# 61
Delta R.T. 0.005 min
Lab File: BG053867.D
Acq: 9 Jun 2022 19:15

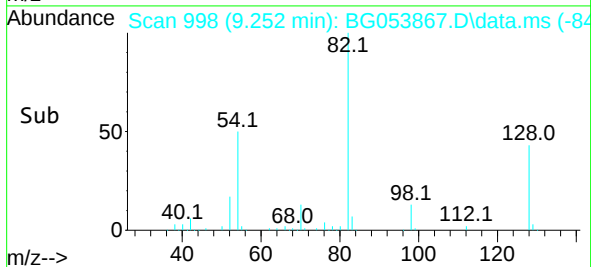
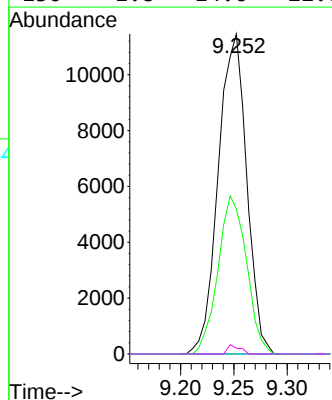
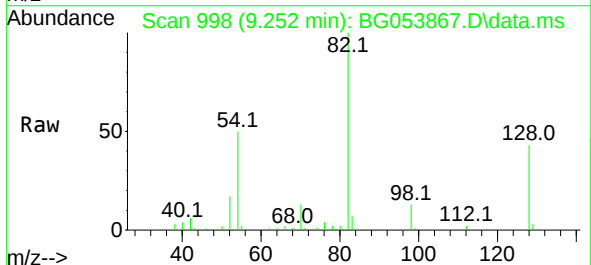
Instrument :
BNA_G
ClientSampleId :
TP-11B

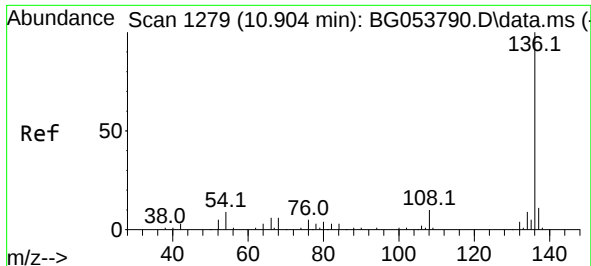
Tgt Ion: 99 Resp: 249052
Ion Ratio Lower Upper
99 100
42 19.9 17.0 25.6
71 36.8 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.618 ng
RT: 9.252 min Scan# 998
Delta R.T. 0.357 min
Lab File: BG053867.D
Acq: 9 Jun 2022 19:15

Tgt Ion: 70 Resp: 21205
Ion Ratio Lower Upper
70 100
42 45.3 47.3 70.9#
101 0.0 7.0 10.4#
130 1.8 14.6 22.0#

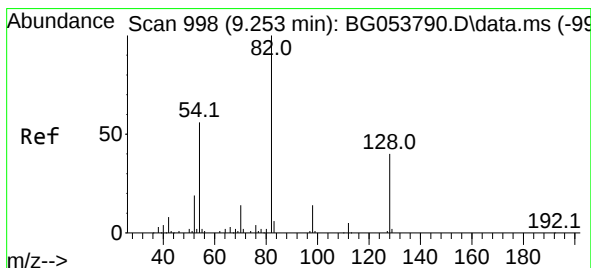
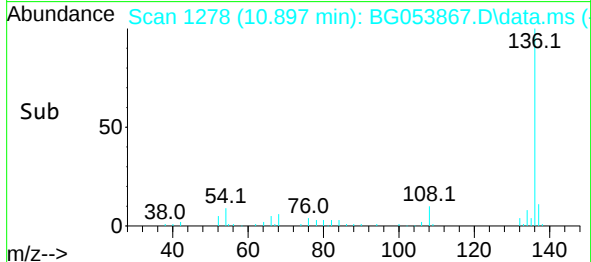
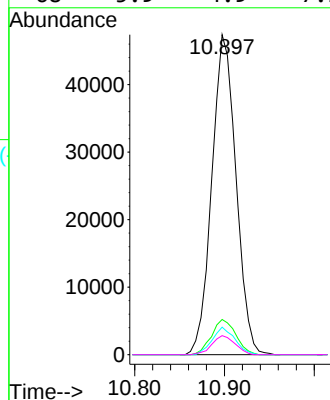
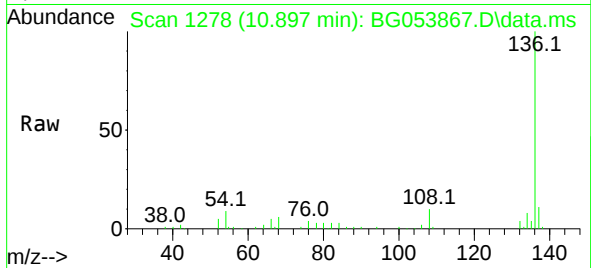




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.897 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG053867.D
Acq: 9 Jun 2022 19:15

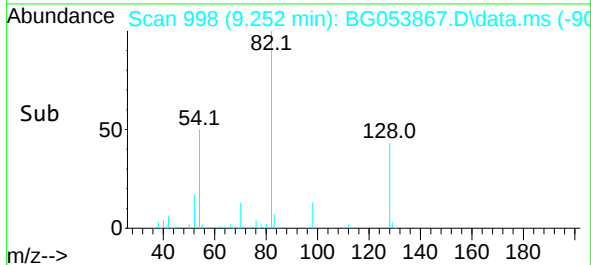
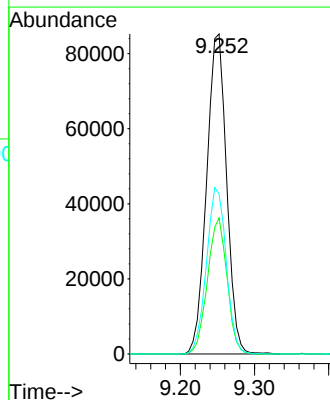
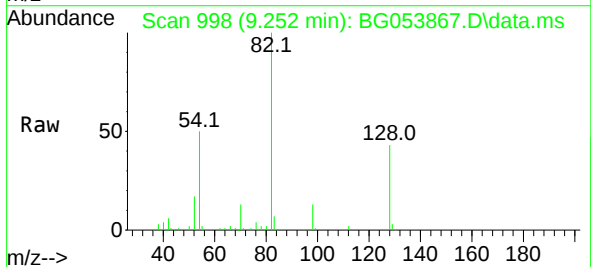
Instrument :
BNA_G
ClientSampleId :
TP-11B

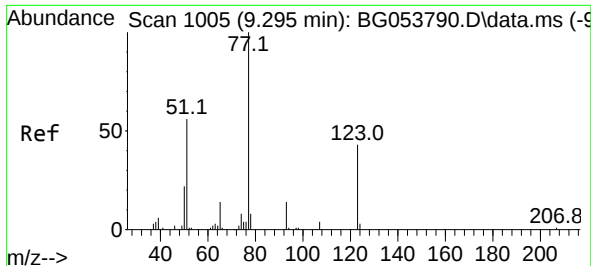
Tgt Ion:136	Resp:	88562
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.5 12.7
54	8.6	7.4 11.2
68	5.9	4.9 7.3



#23
Nitrobenzene-d5
Concen: 118.153 ng
RT: 9.252 min Scan# 998
Delta R.T. -0.001 min
Lab File: BG053867.D
Acq: 9 Jun 2022 19:15

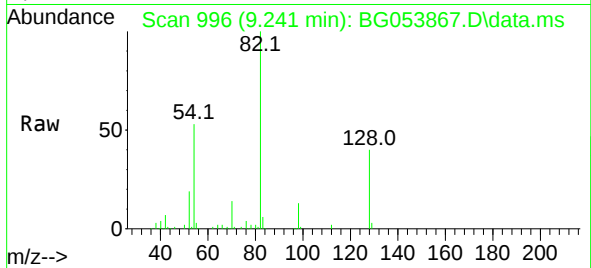
Tgt Ion: 82	Resp:	159344
Ion Ratio	Lower	Upper
82	100	
128	42.5	27.9 41.9#
54	50.0	41.2 61.8



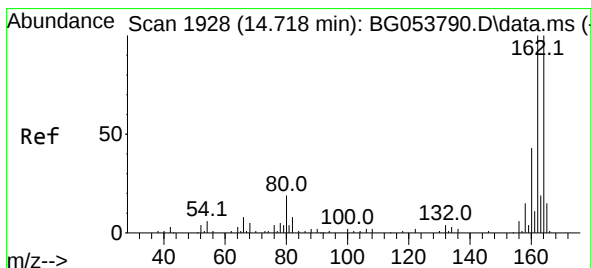
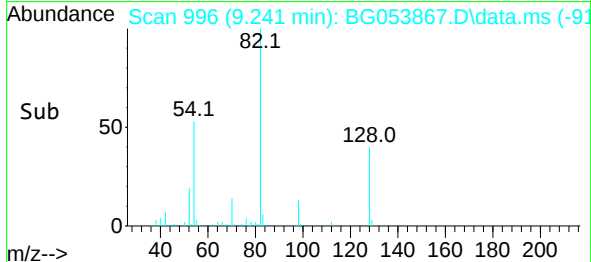
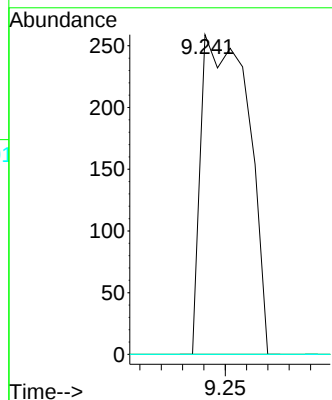


#24
Nitrobenzene
Concen: 3.220 ng
RT: 9.241 min Scan# 91
Delta R.T. -0.054 min
Lab File: BG053867.D
Acq: 9 Jun 2022 19:15

Instrument :
BNA_G
ClientSampleId :
TP-11B

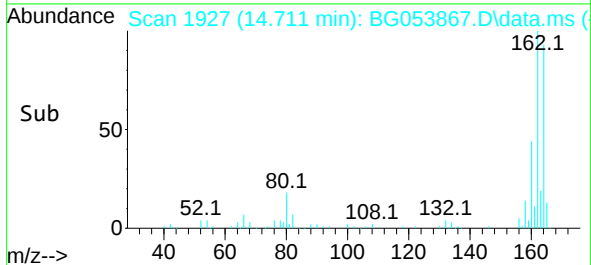
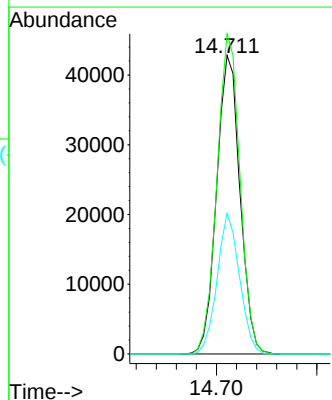
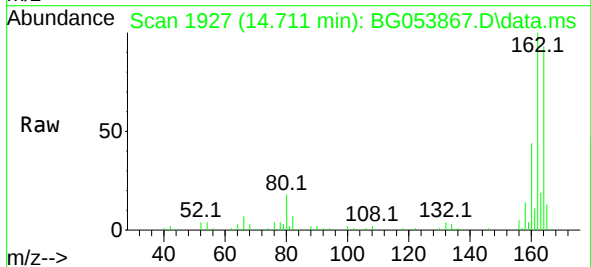


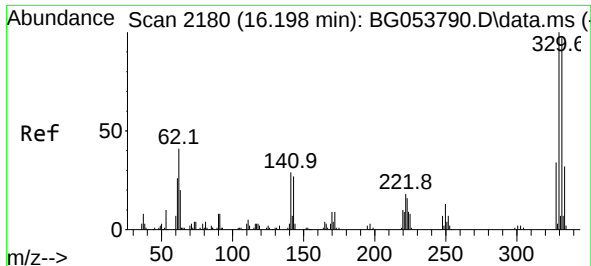
Tgt Ion: 77 Resp: 397
Ion Ratio Lower Upper
77 100
123 0.0 27.4 41.0#
65 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.711 min Scan# 1927
Delta R.T. -0.007 min
Lab File: BG053867.D
Acq: 9 Jun 2022 19:15

Tgt Ion: 164 Resp: 69067
Ion Ratio Lower Upper
164 100
162 107.2 82.3 123.5
160 47.1 34.2 51.2

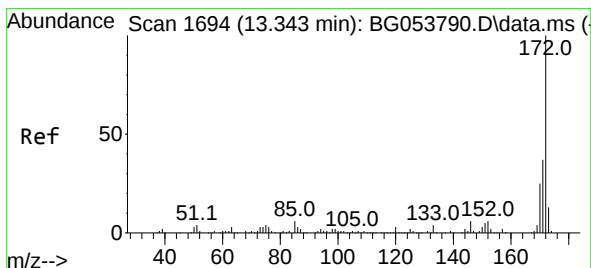
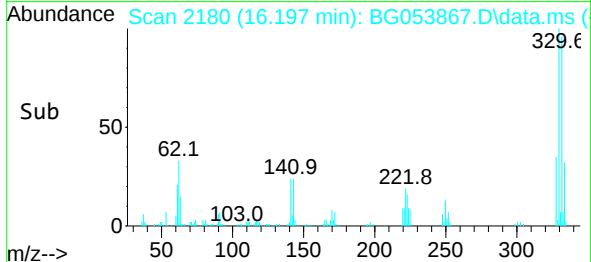
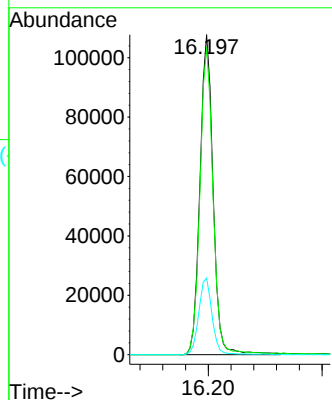
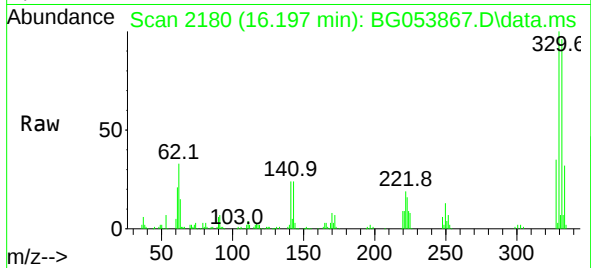




#42
2,4,6-Tribromophenol
Concen: 206.504 ng
RT: 16.197 min Scan# 2180
Delta R.T. -0.001 min
Lab File: BG053867.D
Acq: 9 Jun 2022 19:15

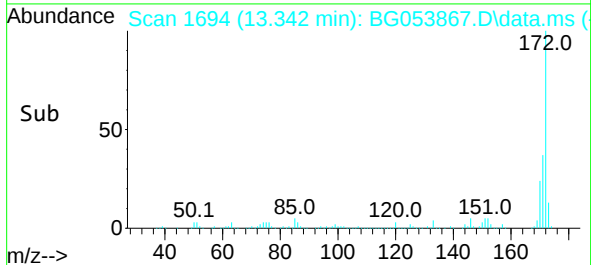
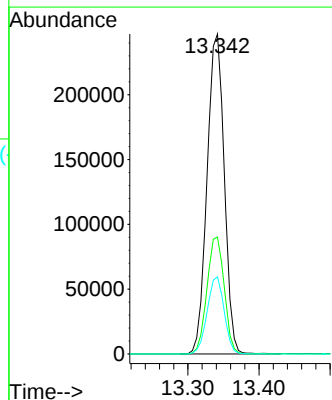
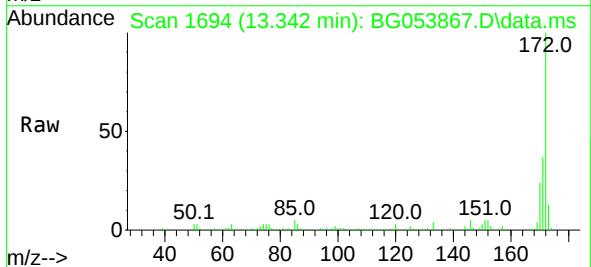
Instrument :
BNA_G
ClientSampleId :
TP-11B

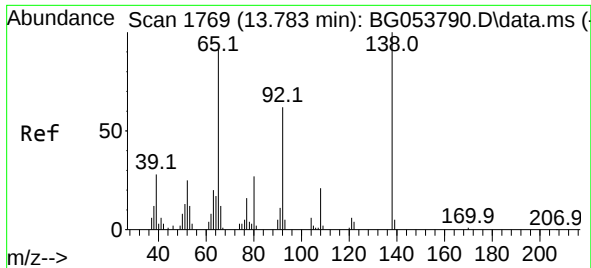
Tgt Ion:330 Resp: 173128
Ion Ratio Lower Upper
330 100
332 96.0 76.0 114.0
141 24.3 27.1 40.7#



#45
2-Fluorobiphenyl
Concen: 90.151 ng
RT: 13.342 min Scan# 1694
Delta R.T. -0.001 min
Lab File: BG053867.D
Acq: 9 Jun 2022 19:15

Tgt Ion:172 Resp: 416206
Ion Ratio Lower Upper
172 100
171 36.6 28.5 42.7
170 24.1 18.9 28.3

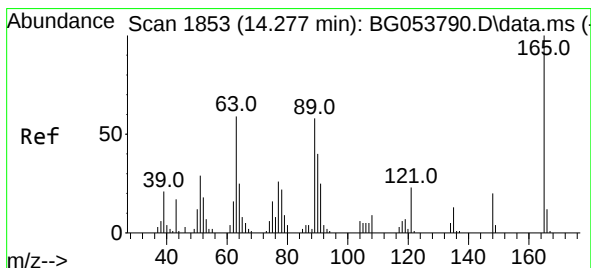
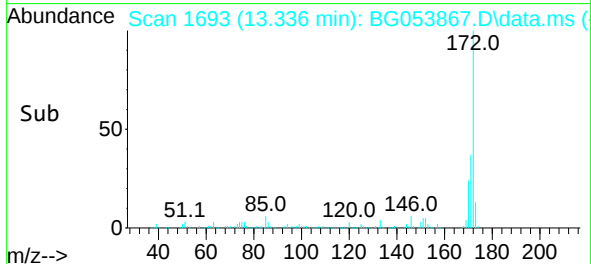
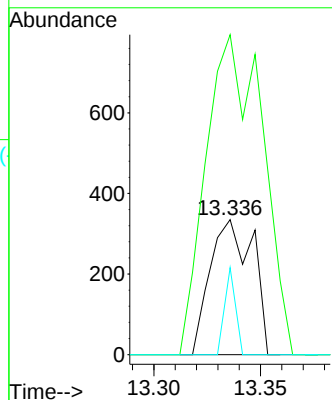
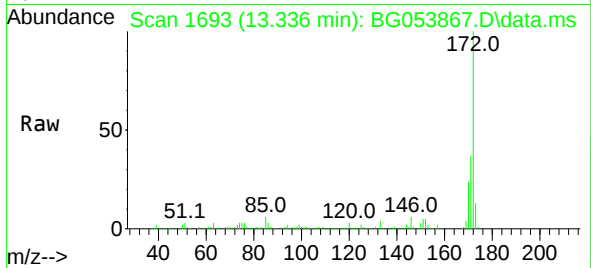




#48
2-Nitroaniline
Concen: 5.467 ng
RT: 13.336 min Scan# 1
Delta R.T. -0.447 min
Lab File: BG053867.D
Acq: 9 Jun 2022 19:15

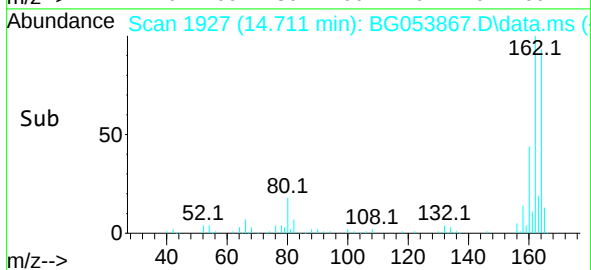
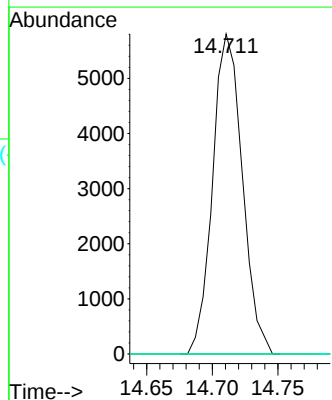
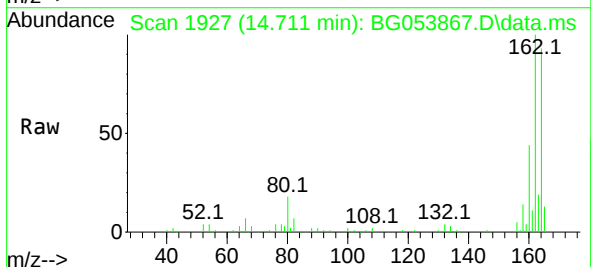
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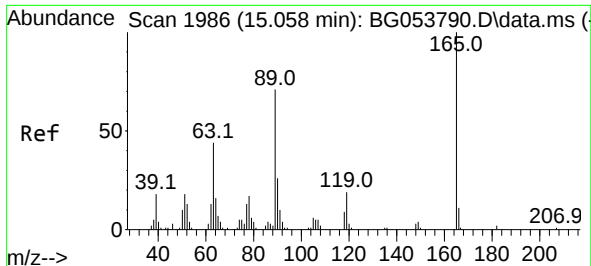
Tgt Ion: 65 Resp: 464
Ion Ratio Lower Upper
65 100
92 237.0 51.5 77.3#
138 64.5 71.3 106.9#



#51
2,6-Dinitrotoluene
Concen: 13.262 ng
RT: 14.711 min Scan# 1927
Delta R.T. 0.434 min
Lab File: BG053867.D
Acq: 9 Jun 2022 19:15

Tgt Ion:165 Resp: 9139
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: 11.111 ng

RT: 14.711 min Scan# 1986

Delta R.T. -0.347 min

Lab File: BG053867.D

Acq: 9 Jun 2022 19:15

Instrument :

BNA_G

ClientSampleId :

TP-11B

Tgt Ion:165 Resp: 9139

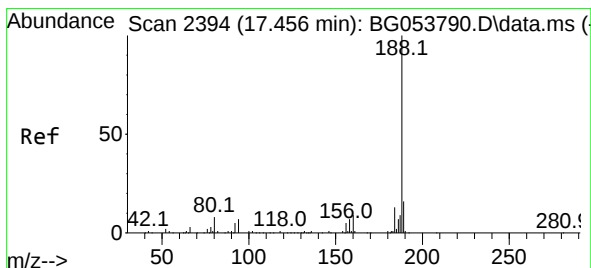
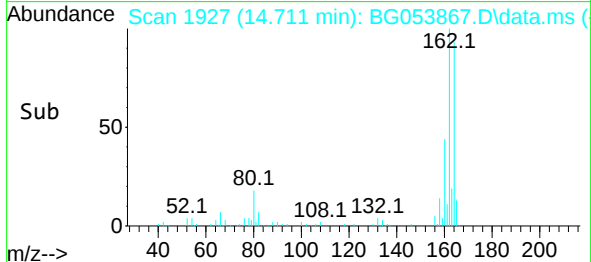
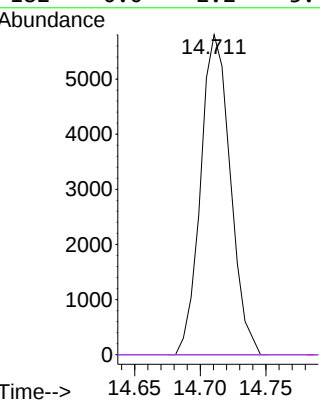
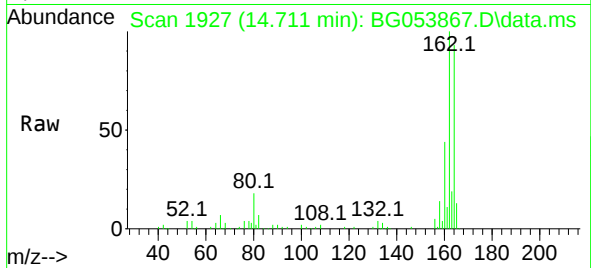
Ion Ratio Lower Upper

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: 17.454 min Scan# 2394

Delta R.T. -0.002 min

Lab File: BG053867.D

Acq: 9 Jun 2022 19:15

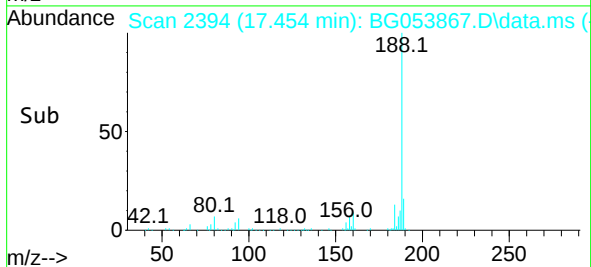
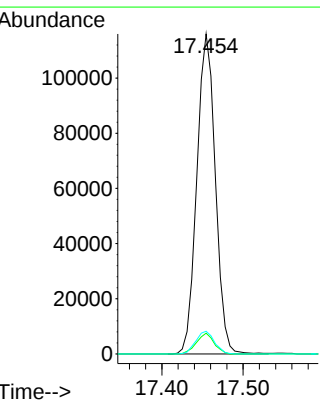
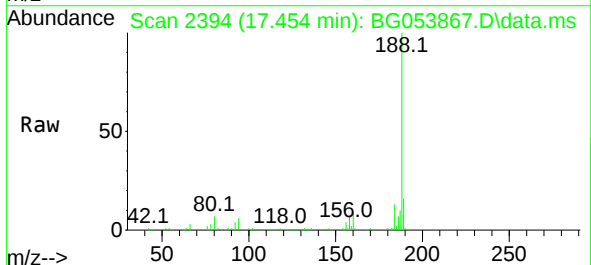
Tgt Ion:188 Resp: 183675

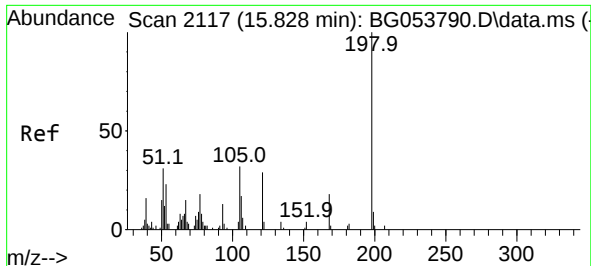
Ion Ratio Lower Upper

188 100

94 6.5 5.4 8.0

80 7.1 6.8 10.2

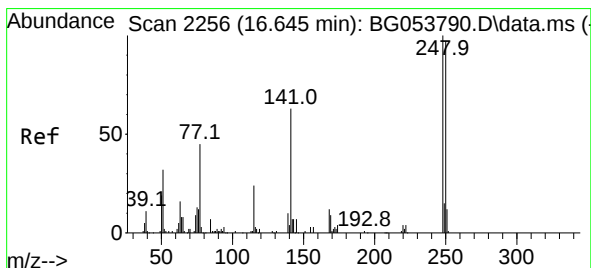
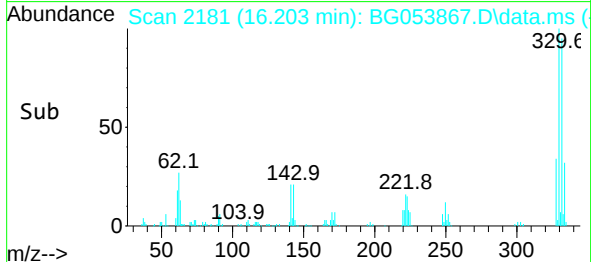
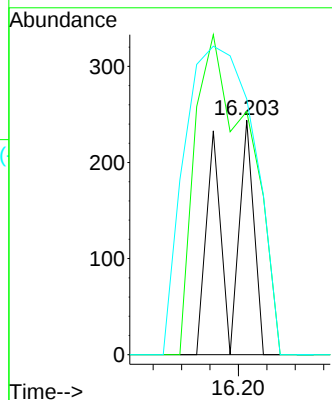
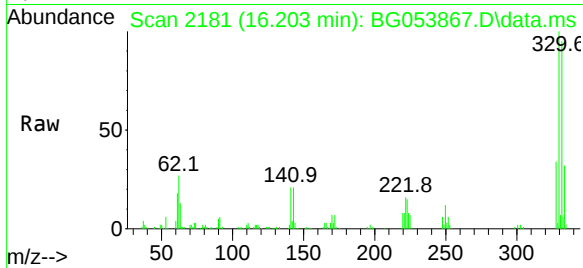




#65
4,6-Dinitro-2-methylphenol
Concen: 5.814 ng
RT: 16.203 min Scan# 2117
Delta R.T. 0.375 min
Lab File: BG053867.D
Acq: 9 Jun 2022 19:15

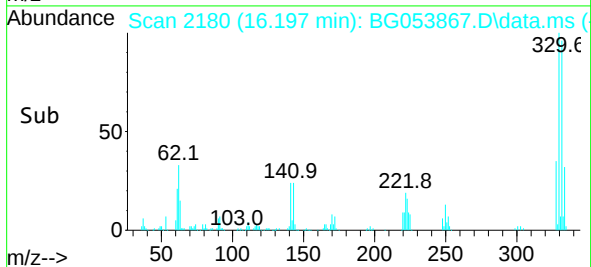
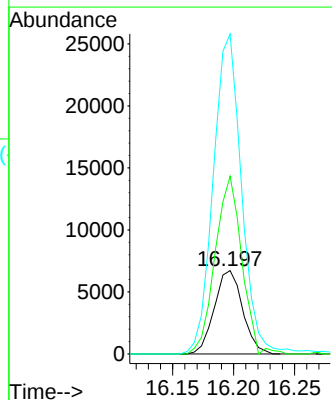
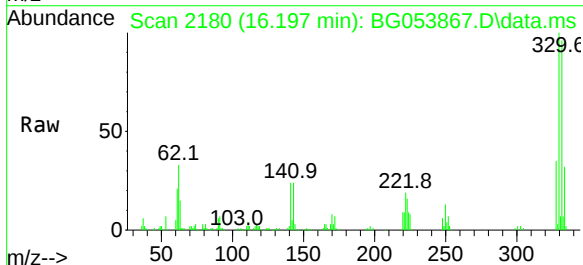
Instrument :
BNA_G
ClientSampleId :
TP-11B

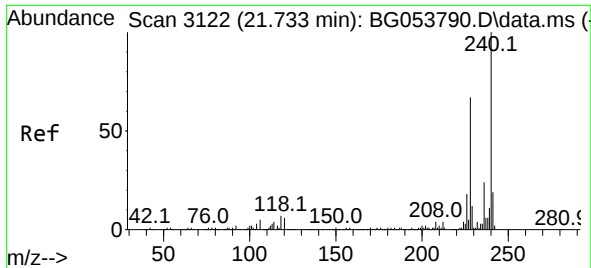
Tgt Ion:198 Resp: 168
Ion Ratio Lower Upper
198 100
51 18.3 28.1 68.1#
105 19.2 20.3 60.3#



#67
4-Bromophenyl-phenylether
Concen: 5.436 ng
RT: 16.197 min Scan# 2180
Delta R.T. -0.448 min
Lab File: BG053867.D
Acq: 9 Jun 2022 19:15

Tgt Ion:248 Resp: 10849
Ion Ratio Lower Upper
248 100
250 207.2 75.2 112.8#
141 283.5 50.0 75.0#

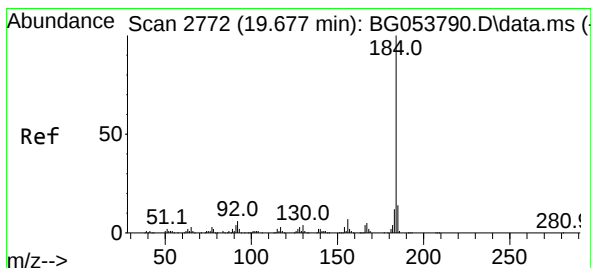
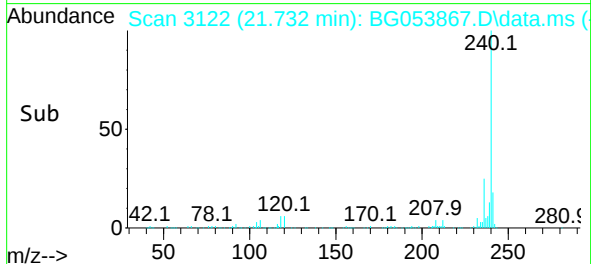
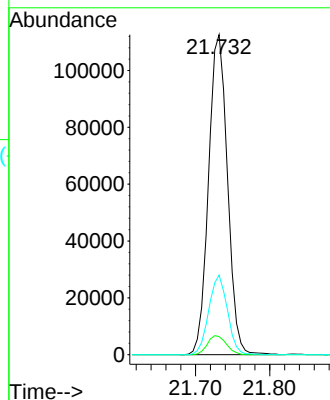
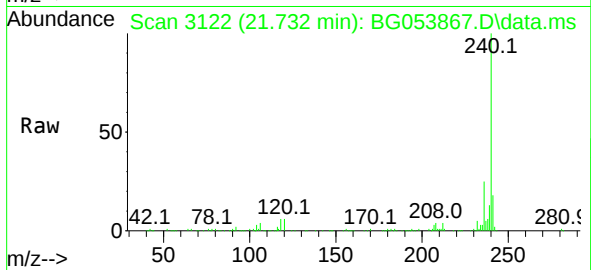




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.732 min Scan# 31
Delta R.T. -0.001 min
Lab File: BG053867.D
Acq: 9 Jun 2022 19:15

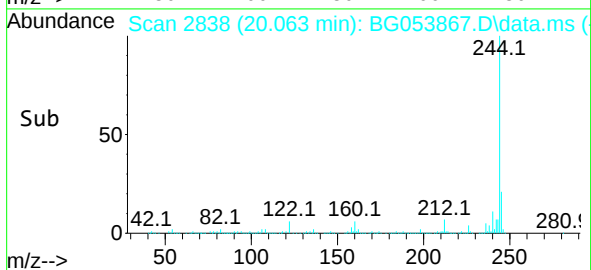
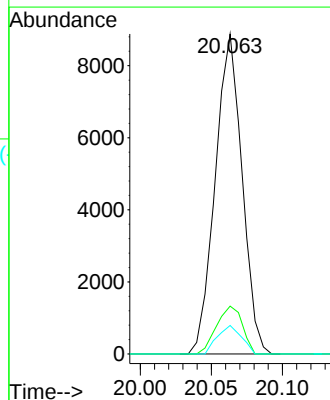
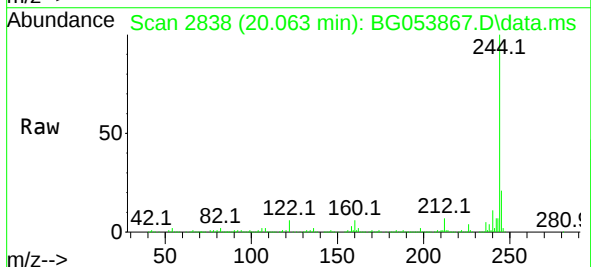
Instrument :
BNA_G
ClientSampleId :
TP-11B

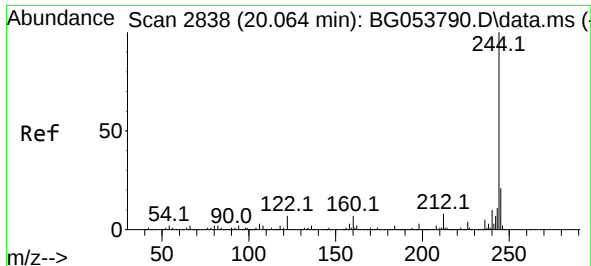
Tgt Ion:240 Resp: 199569
Ion Ratio Lower Upper
240 100
120 5.7 4.6 7.0
236 24.9 20.2 30.4



#77
Benzidine
Concen: 2.389 ng
RT: 20.063 min Scan# 2838
Delta R.T. 0.387 min
Lab File: BG053867.D
Acq: 9 Jun 2022 19:15

Tgt Ion:184 Resp: 11660
Ion Ratio Lower Upper
184 100
185 15.0 11.8 17.6
183 8.9 8.9 13.3

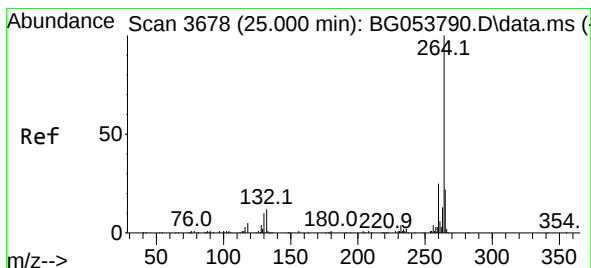
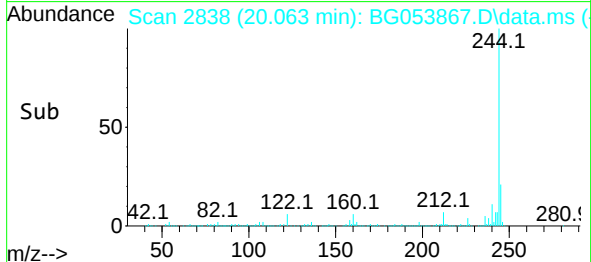
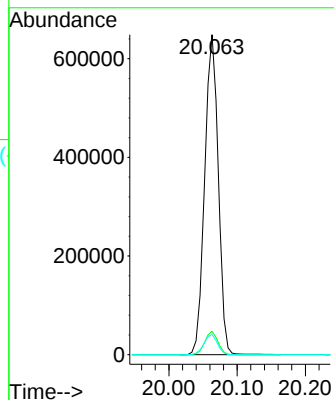
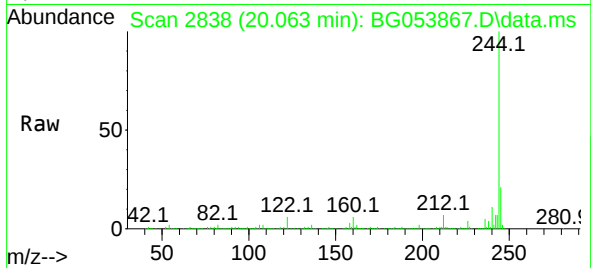




#79
 Terphenyl-d14
 Concen: 89.656 ng
 RT: 20.063 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG053867.D
 Acq: 9 Jun 2022 19:15

Instrument :
 BNA_G
 ClientSampleId :
 TP-11B

Tgt Ion:244 Resp: 899396
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.5 9.7
 122 6.3 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.999 min Scan# 3678
 Delta R.T. -0.001 min
 Lab File: BG053867.D
 Acq: 9 Jun 2022 19:15

Tgt Ion:264 Resp: 200567
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.0 28.6
 265 20.9 17.4 26.2

