

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060322\
 Data File : BG053810.D
 Acq On : 3 Jun 2022 13:00
 Operator : CG/JU
 Sample : N2987-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P034-SS001-2430-01

Quant Time: Jun 03 15:53:12 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)

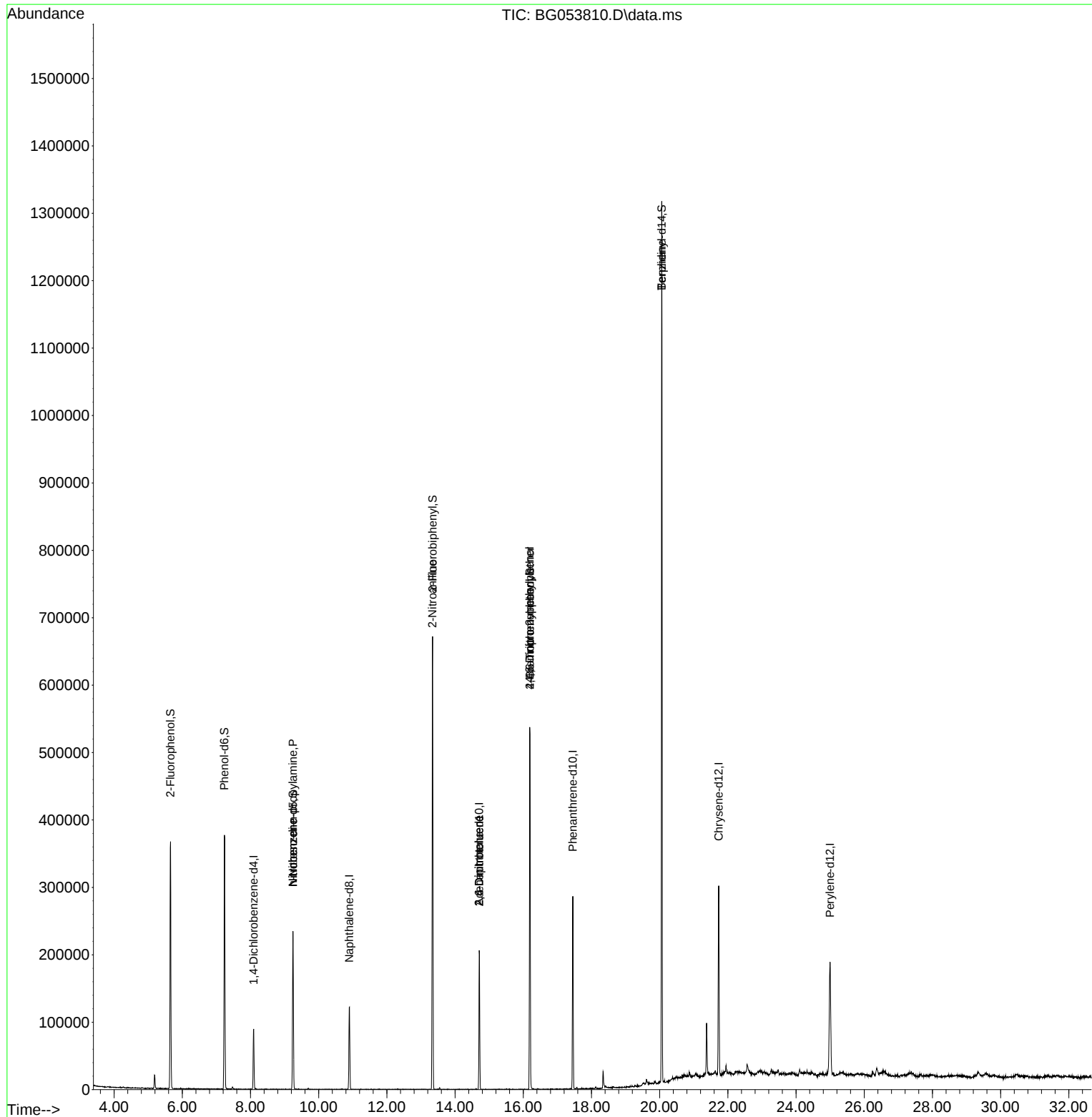
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.094	152	27865	20.000	ng	0.00
21) Naphthalene-d8	10.897	136	112812	20.000	ng	0.00
39) Acenaphthene-d10	14.710	164	80573	20.000	ng	0.00
64) Phenanthrene-d10	17.454	188	191108	20.000	ng	0.00
76) Chrysene-d12	21.731	240	190741	20.000	ng	0.00
86) Perylene-d12	24.998	264	192532	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.656	112	172617	113.758	ng	0.00
7) Phenol-d6	7.237	99	228165	111.003	ng	0.00
23) Nitrobenzene-d5	9.246	82	144314	84.006	ng	0.00
42) 2,4,6-Tribromophenol	16.197	330	120293	122.994	ng	0.00
45) 2-Fluorobiphenyl	13.341	172	376837	69.968	ng	0.00
79) Terphenyl-d14	20.063	244	688469	71.807	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.246	70	19476	13.378	ng	# 81
24) Nitrobenzene	9.246	77	373	3.155	ng	# 48
48) 2-Nitroaniline	13.335	65	484	5.422	ng	# 1
51) 2,6-Dinitrotoluene	14.710	165	10743	13.333	ng	# 16
57) 2,4-Dinitrotoluene	14.710	165	10743	11.163	ng	# 21
65) 4,6-Dinitro-2-methylph...	16.191	198	249	5.903	ng	# 67
67) 4-Bromophenyl-phenylether	16.197	248	7801	3.757	ng	# 1
77) Benzidine	20.063	184	9421	2.020	ng	# 92

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

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P034-SS001-2430-01

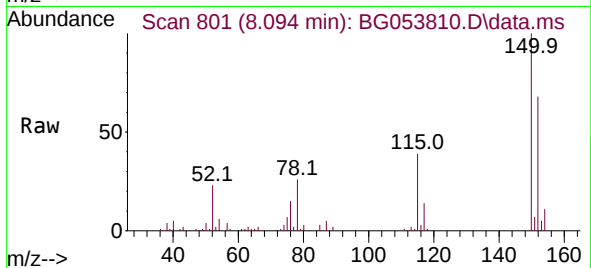
Quant Time: Jun 03 15:53:12 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 02 23:22:27 2022
Response via : Initial Calibration



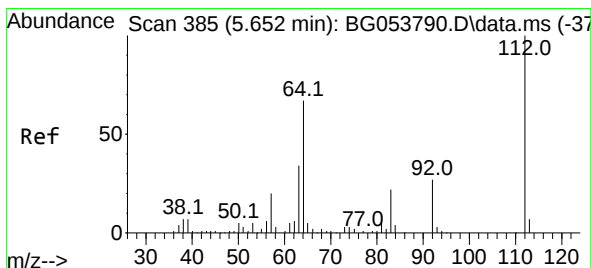
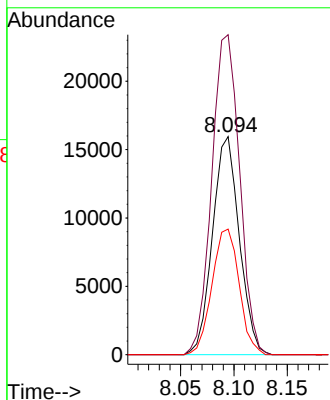
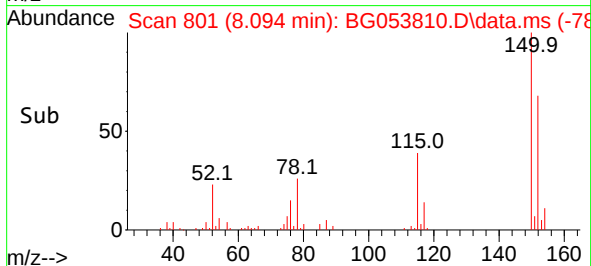


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.094 min Scan# 801
Delta R.T. -0.002 min
Lab File: BG053810.D
Acq: 3 Jun 2022 13:00

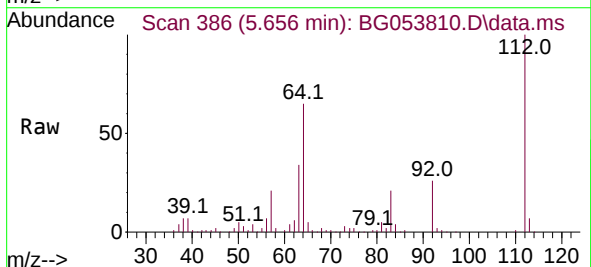
Instrument :
BNA_G
ClientSampleId :
P034-SS001-2430-01



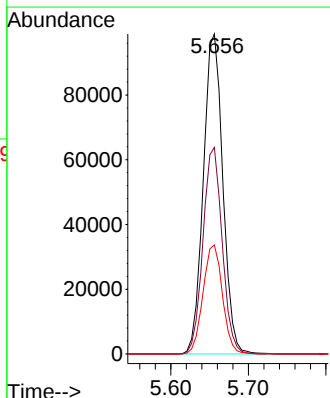
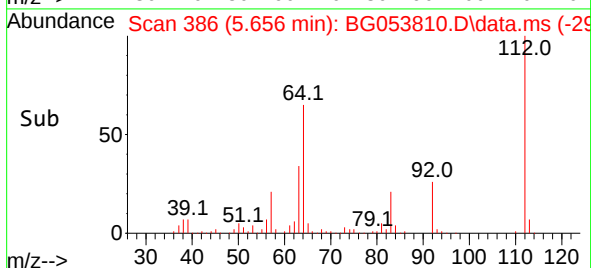
Tgt Ion:152 Resp: 27865
Ion Ratio Lower Upper
152 100
150 146.7 131.6 197.4
115 57.6 50.9 76.3

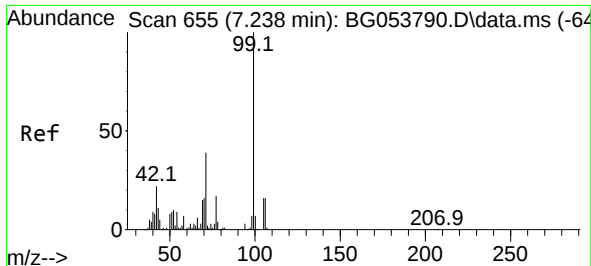


#5
2-Fluorophenol
Concen: 113.758 ng
RT: 5.656 min Scan# 386
Delta R.T. 0.004 min
Lab File: BG053810.D
Acq: 3 Jun 2022 13:00



Tgt Ion:112 Resp: 172617
Ion Ratio Lower Upper
112 100
64 64.6 55.1 82.7
63 34.1 30.4 45.6

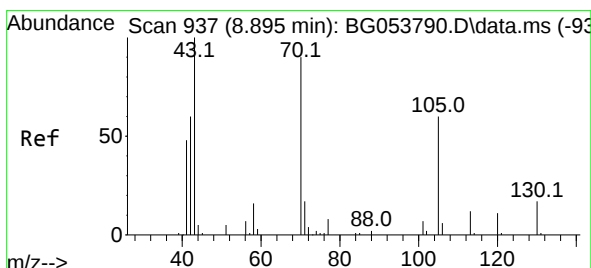
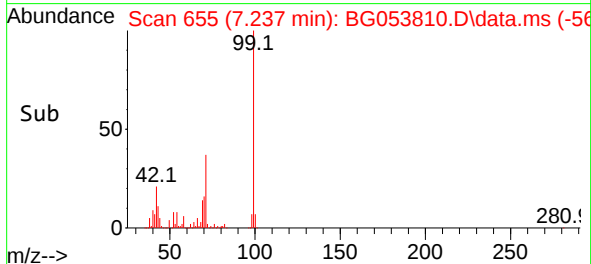
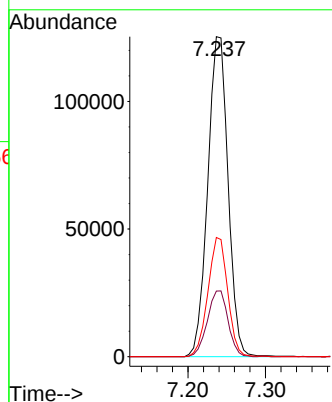
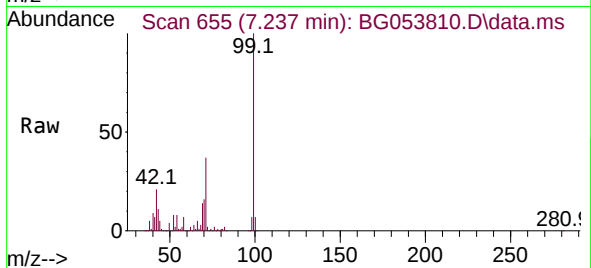




#7
Phenol-d6
Concen: 111.003 ng
RT: 7.237 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG053810.D
Acq: 3 Jun 2022 13:00

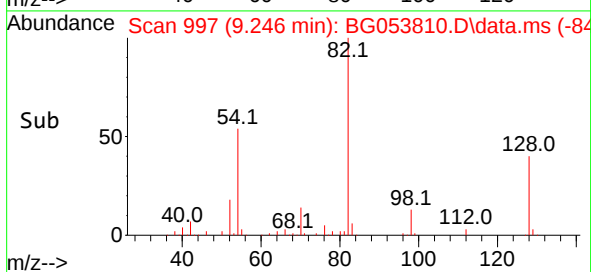
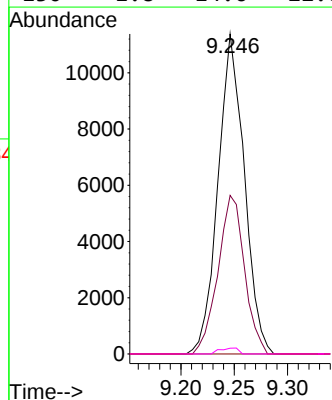
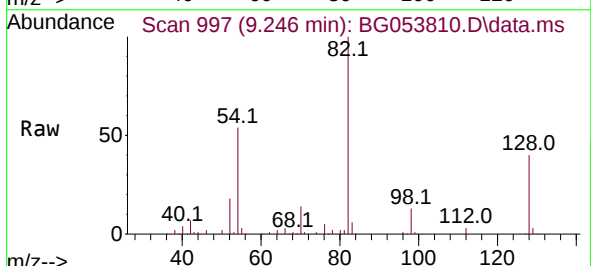
Instrument :
BNA_G
ClientSampleId :
P034-SS001-2430-01

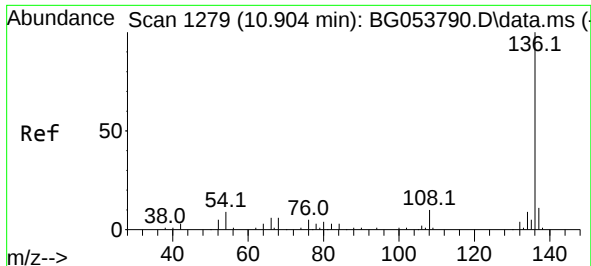
Tgt Ion: 99 Resp: 228165
Ion Ratio Lower Upper
99 100
42 20.5 17.0 25.6
71 37.2 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 13.378 ng
RT: 9.246 min Scan# 997
Delta R.T. 0.351 min
Lab File: BG053810.D
Acq: 3 Jun 2022 13:00

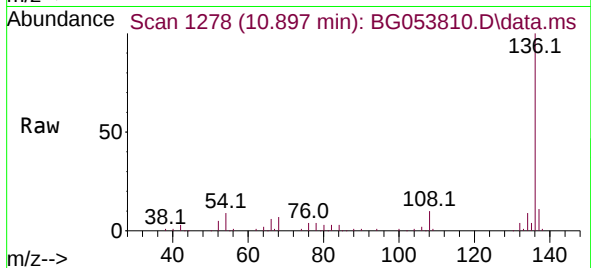
Tgt Ion: 70 Resp: 19476
Ion Ratio Lower Upper
70 100
42 49.6 47.3 70.9
101 0.0 7.0 10.4#
130 1.8 14.6 22.0#



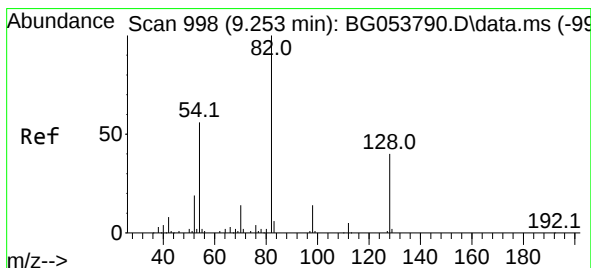
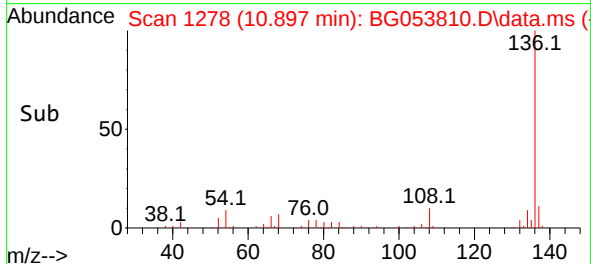
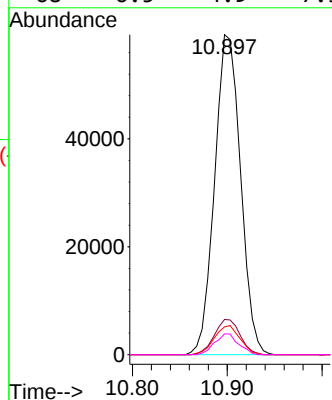


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.897 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG053810.D
Acq: 3 Jun 2022 13:00

Instrument :
BNA_G
ClientSampleId :
P034-SS001-2430-01

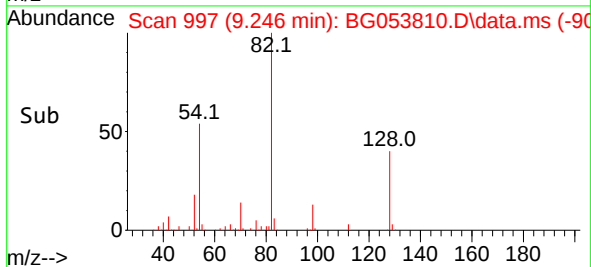
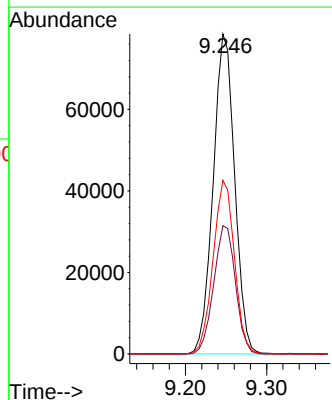
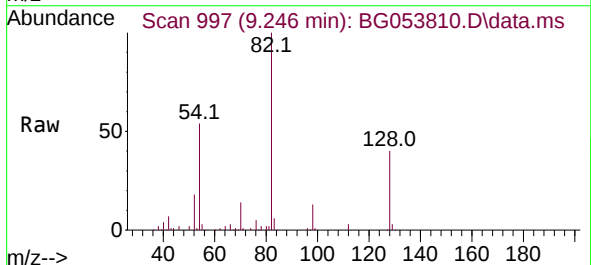


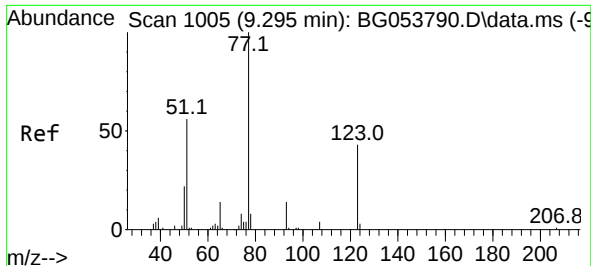
Tgt Ion:	136	Resp:	112812
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.5	12.7
54	8.7	7.4	11.2
68	6.5	4.9	7.3



#23
Nitrobenzene-d5
Concen: 84.006 ng
RT: 9.246 min Scan# 997
Delta R.T. -0.007 min
Lab File: BG053810.D
Acq: 3 Jun 2022 13:00

Tgt Ion:	82	Resp:	144314
Ion Ratio	Lower	Upper	
82	100		
128	40.1	27.9	41.9
54	54.3	41.2	61.8

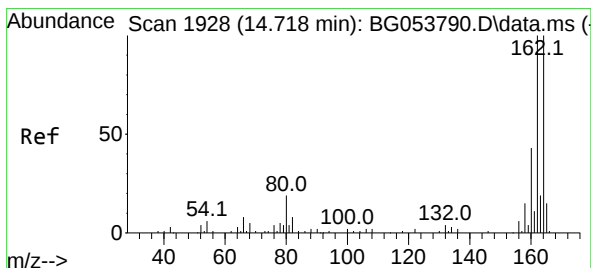
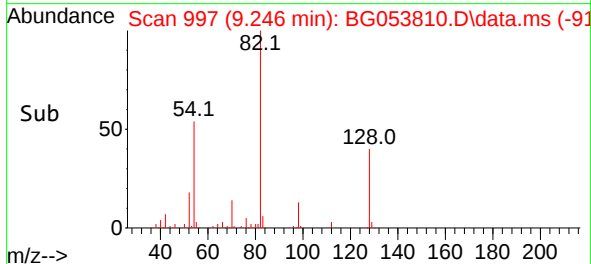
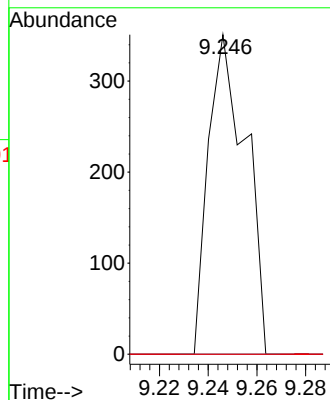
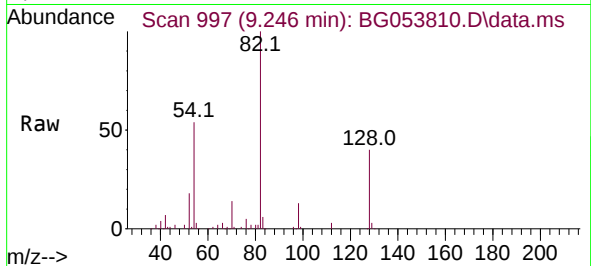




#24
Nitrobenzene
Concen: 3.155 ng
RT: 9.246 min Scan# 91
Delta R.T. -0.049 min
Lab File: BG053810.D
Acq: 3 Jun 2022 13:00

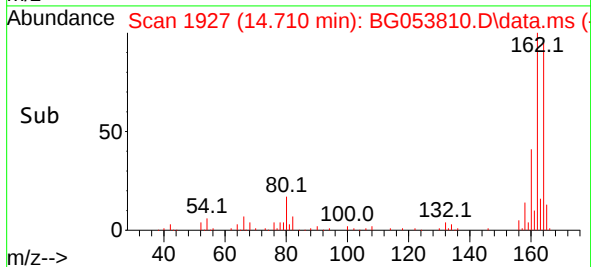
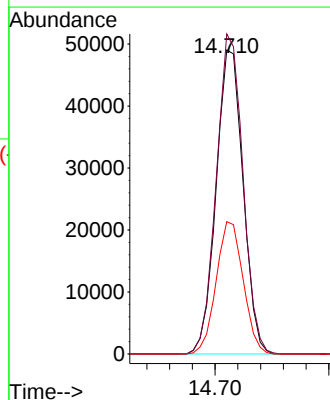
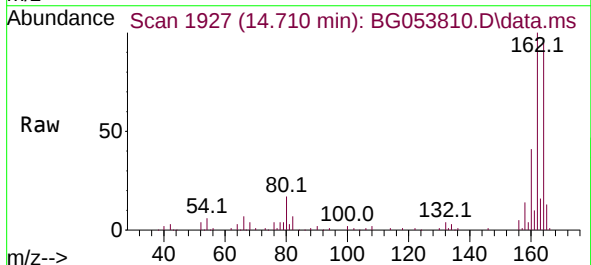
Instrument :
BNA_G
ClientSampleId :
P034-SS001-2430-01

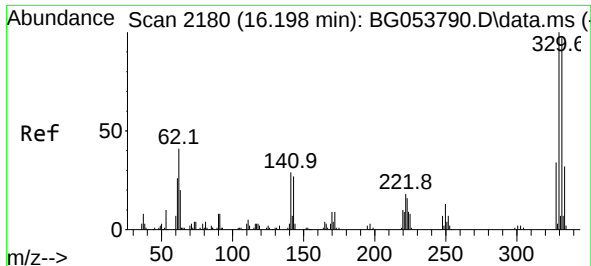
Tgt Ion: 77 Resp: 373
Ion Ratio Lower Upper
77 100
123 0.0 27.4 41.0#
65 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.710 min Scan# 1927
Delta R.T. -0.008 min
Lab File: BG053810.D
Acq: 3 Jun 2022 13:00

Tgt Ion:164 Resp: 80573
Ion Ratio Lower Upper
164 100
162 105.2 82.3 123.5
160 43.5 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 122.994 ng

RT: 16.197 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG053810.D

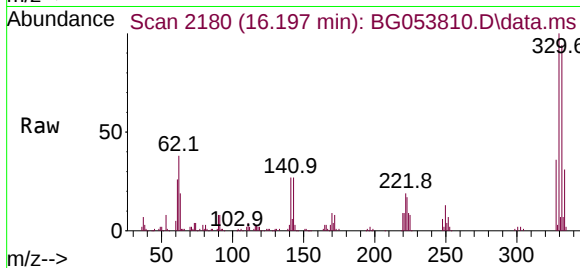
Acq: 3 Jun 2022 13:00

Instrument :

BNA_G

ClientSampleId :

P034-SS001-2430-01



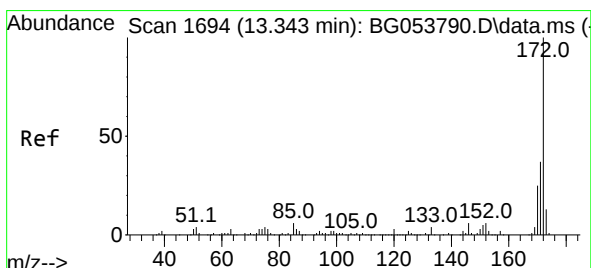
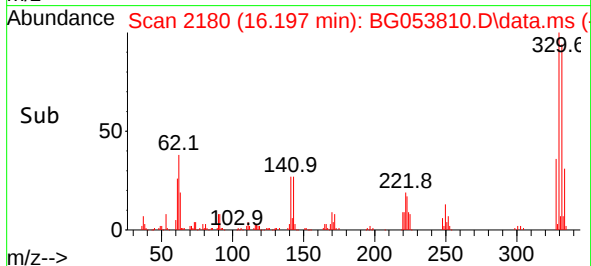
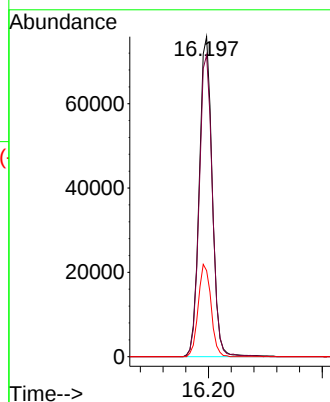
Tgt Ion:330 Resp: 120293

Ion Ratio Lower Upper

330 100

332 95.5 76.0 114.0

141 28.4 27.1 40.7



#45

2-Fluorobiphenyl

Concen: 69.968 ng

RT: 13.341 min Scan# 1694

Delta R.T. -0.002 min

Lab File: BG053810.D

Acq: 3 Jun 2022 13:00

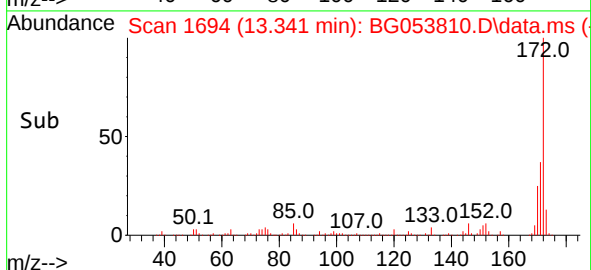
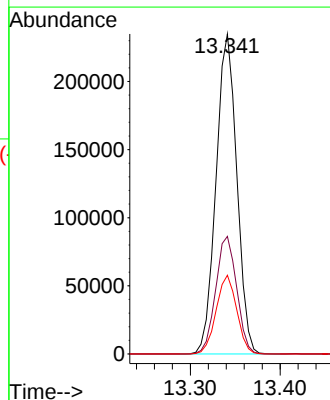
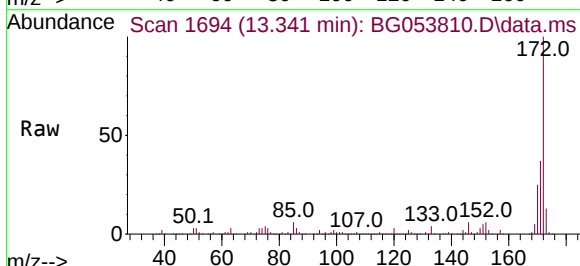
Tgt Ion:172 Resp: 376837

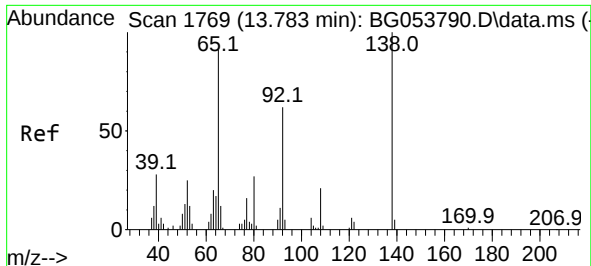
Ion Ratio Lower Upper

172 100

171 36.8 28.5 42.7

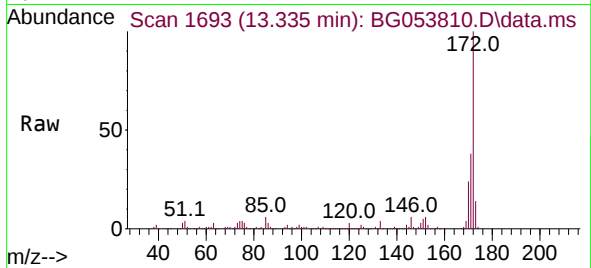
170 24.6 18.9 28.3



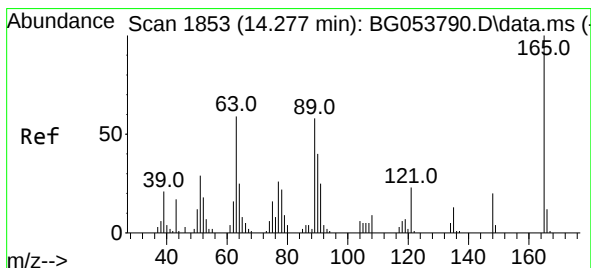
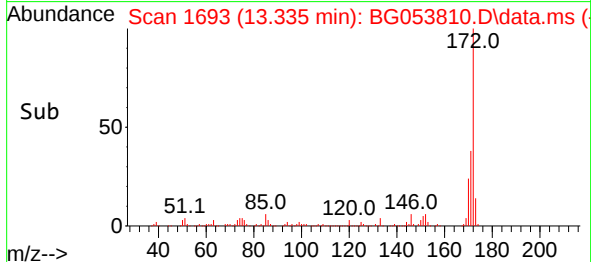
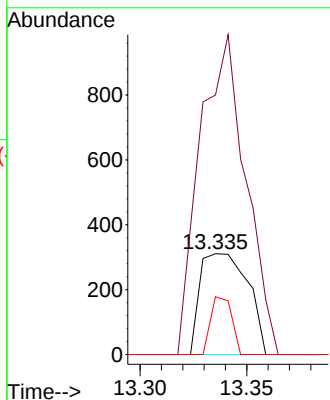


#48
2-Nitroaniline
Concen: 5.422 ng
RT: 13.335 min Scan# 1
Delta R.T. -0.448 min
Lab File: BG053810.D
Acq: 3 Jun 2022 13:00

Instrument :
BNA_G
ClientSampleId :
P034-SS001-2430-01

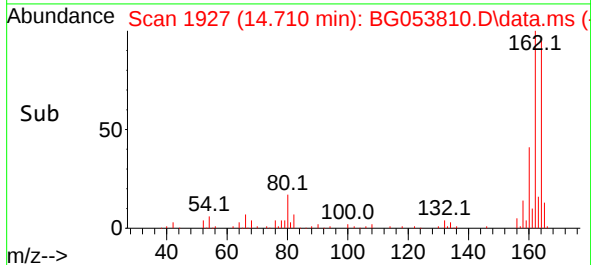
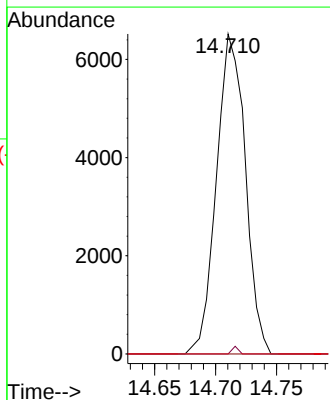
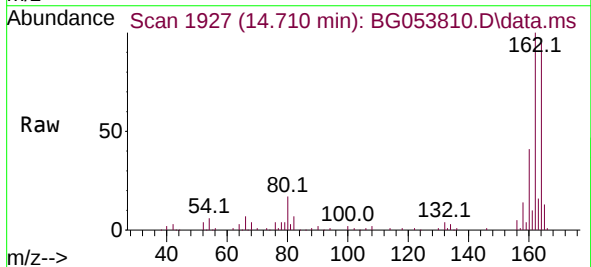


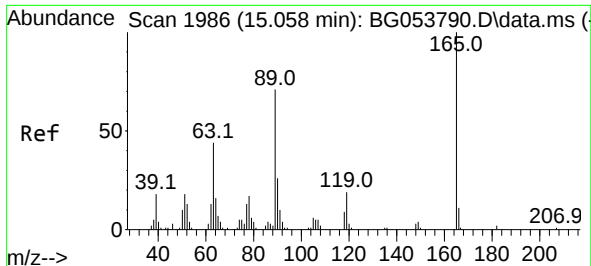
Tgt Ion: 65 Resp: 484
Ion Ratio Lower Upper
65 100
92 257.2 51.5 77.3#
138 57.2 71.3 106.9#



#51
2,6-Dinitrotoluene
Concen: 13.333 ng
RT: 14.710 min Scan# 1927
Delta R.T. 0.433 min
Lab File: BG053810.D
Acq: 3 Jun 2022 13:00

Tgt Ion:165 Resp: 10743
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: 11.163 ng

RT: 14.710 min Scan# 1986

Delta R.T. -0.348 min

Lab File: BG053810.D

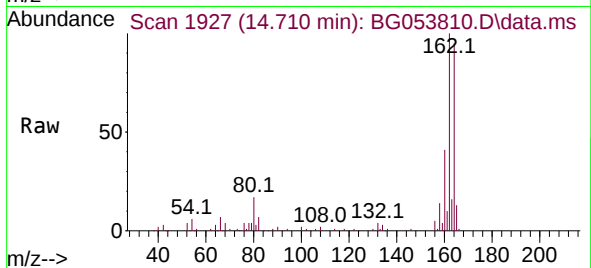
Acq: 3 Jun 2022 13:00

Instrument :

BNA_G

ClientSampleId :

P034-SS001-2430-01



Tgt Ion:165 Resp: 10743

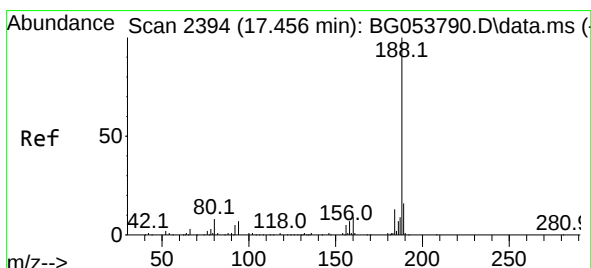
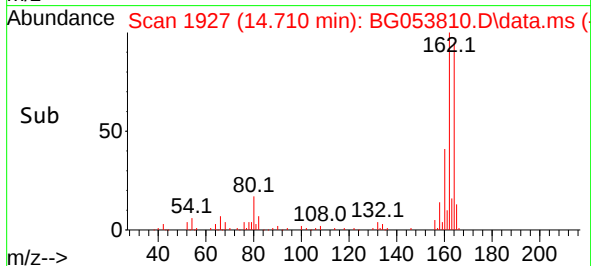
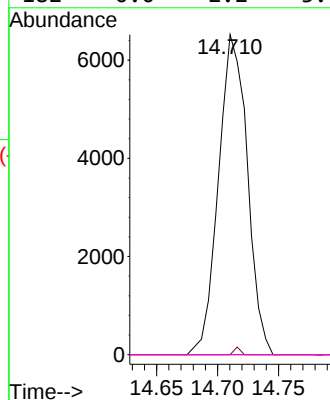
Ion Ratio Lower Upper

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: BG053810.D

Acq: 3 Jun 2022 13:00

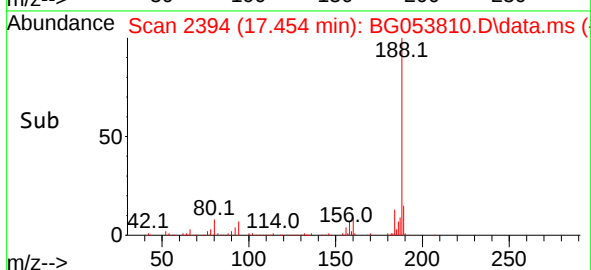
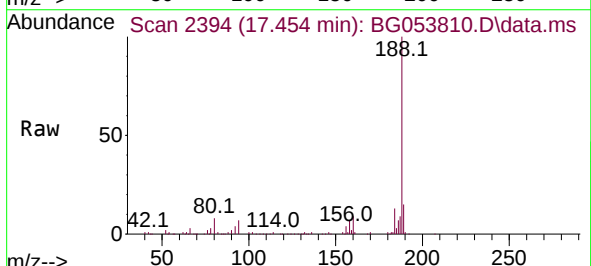
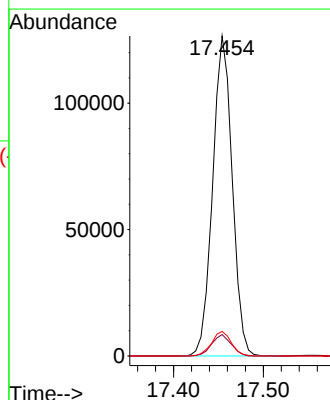
Tgt Ion:188 Resp: 191108

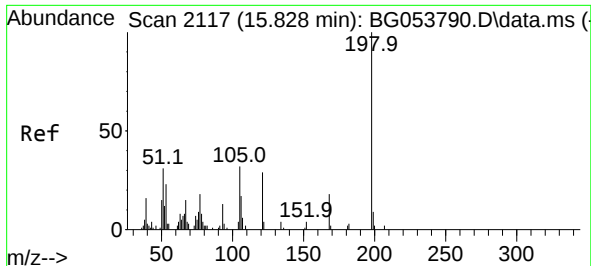
Ion Ratio Lower Upper

188 100

94 6.7 5.4 8.0

80 7.7 6.8 10.2

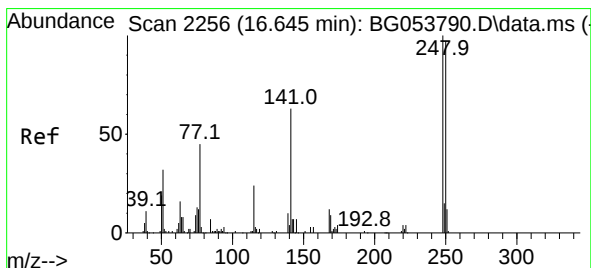
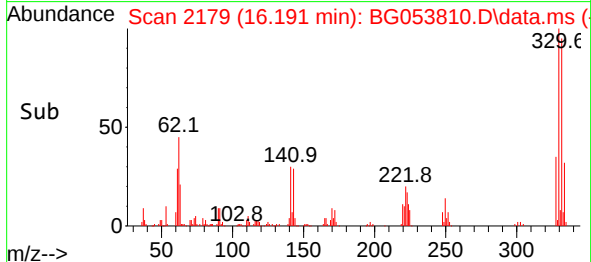
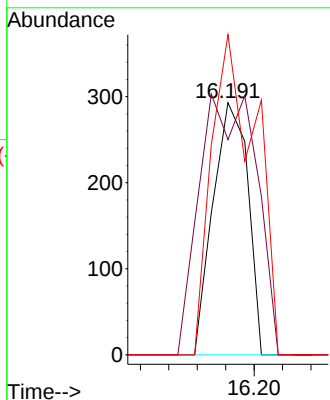
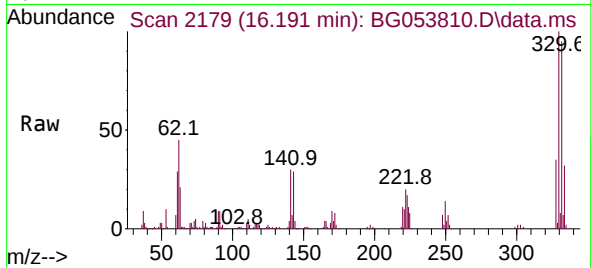




#65
4,6-Dinitro-2-methylphenol
Concen: 5.903 ng
RT: 16.191 min Scan# 2117
Delta R.T. 0.363 min
Lab File: BG053810.D
Acq: 3 Jun 2022 13:00

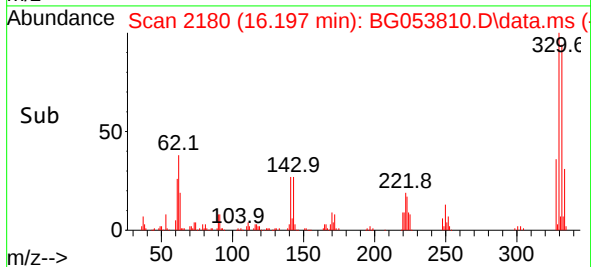
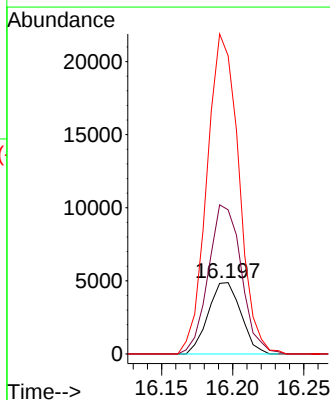
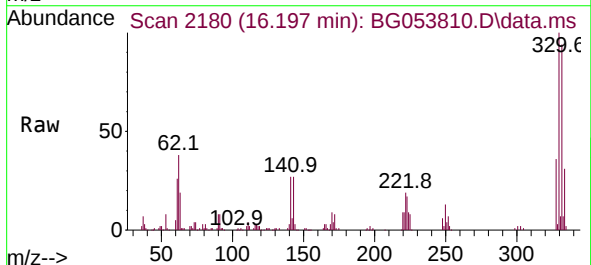
Instrument :
BNA_G
ClientSampleId :
P034-SS001-2430-01

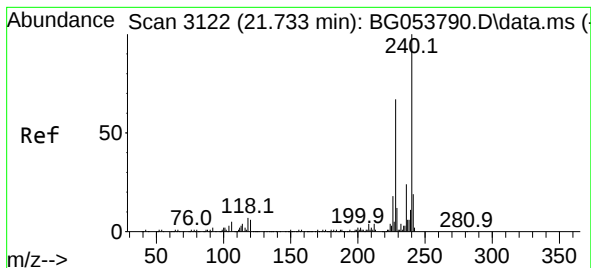
Tgt Ion:198 Resp: 249
Ion Ratio Lower Upper
198 100
51 18.5 28.1 68.1#
105 27.6 20.3 60.3



#67
4-Bromophenyl-phenylether
Concen: 3.757 ng
RT: 16.197 min Scan# 2180
Delta R.T. -0.448 min
Lab File: BG053810.D
Acq: 3 Jun 2022 13:00

Tgt Ion:248 Resp: 7801
Ion Ratio Lower Upper
248 100
250 192.3 75.2 112.8#
141 311.9 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: BG053810.D

Acq: 3 Jun 2022 13:00

Instrument :

BNA_G

ClientSampleId :

P034-SS001-2430-01

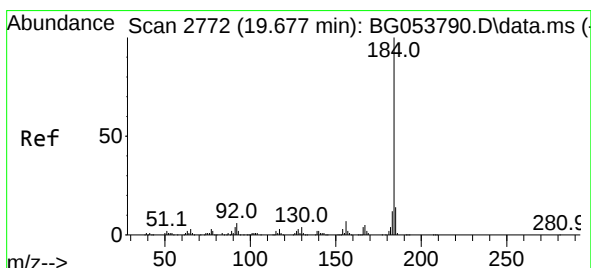
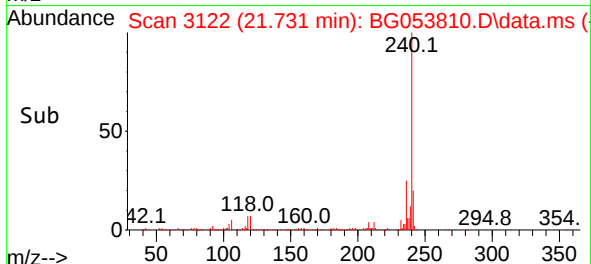
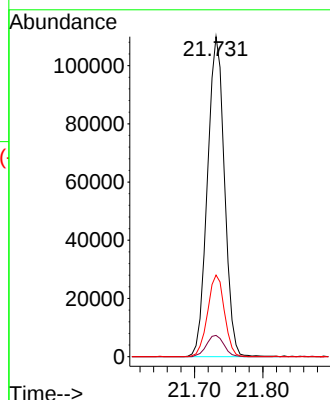
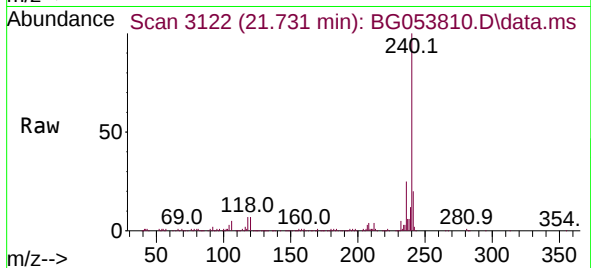
Tgt Ion:240 Resp: 190741

Ion Ratio Lower Upper

240 100

120 6.7 4.6 7.0

236 25.5 20.2 30.4



#77

Benzidine

Concen: 2.020 ng

RT: 20.063 min Scan# 2838

Delta R.T. 0.386 min

Lab File: BG053810.D

Acq: 3 Jun 2022 13:00

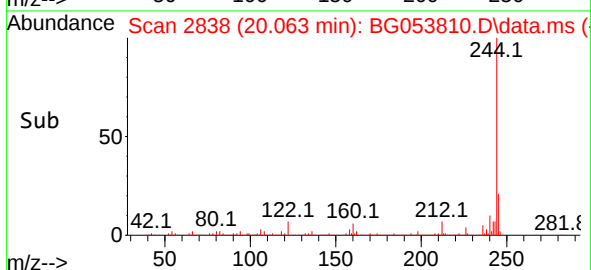
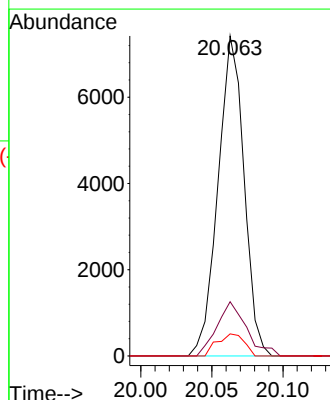
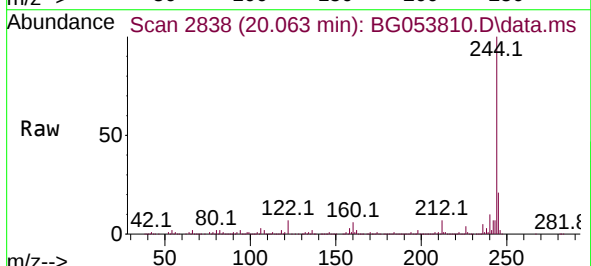
Tgt Ion:184 Resp: 9421

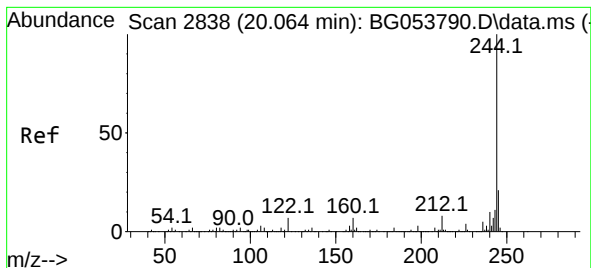
Ion Ratio Lower Upper

184 100

185 16.9 11.8 17.6

183 6.9 8.9 13.3#





#79

Terphenyl-d14

Concen: 71.807 ng

RT: 20.063 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG053810.D

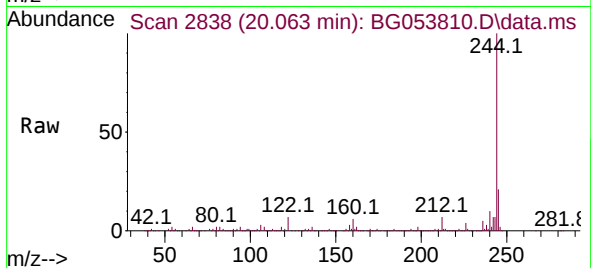
Acq: 3 Jun 2022 13:00

Instrument :

BNA_G

ClientSampleId :

P034-SS001-2430-01



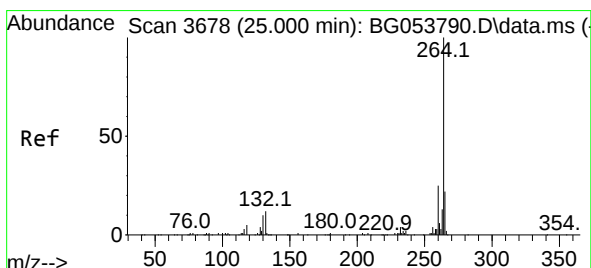
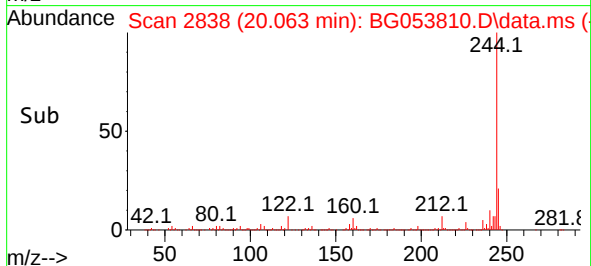
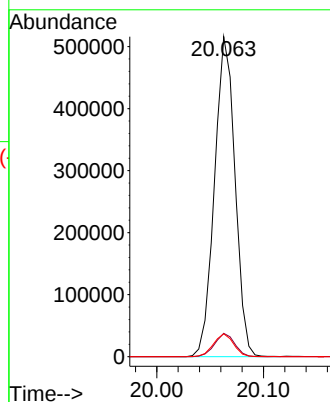
Tgt Ion:244 Resp: 688469

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: BG053810.D

Acq: 3 Jun 2022 13:00

Tgt Ion:264 Resp: 192532

Ion Ratio Lower Upper

264 100

260 23.2 19.0 28.6

265 21.3 17.4 26.2

