

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060622\
 Data File : BG053826.D
 Acq On : 6 Jun 2022 12:44
 Operator : CG/JU
 Sample : PB145261TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB145261TB

Quant Time: Jun 07 04:18:19 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)

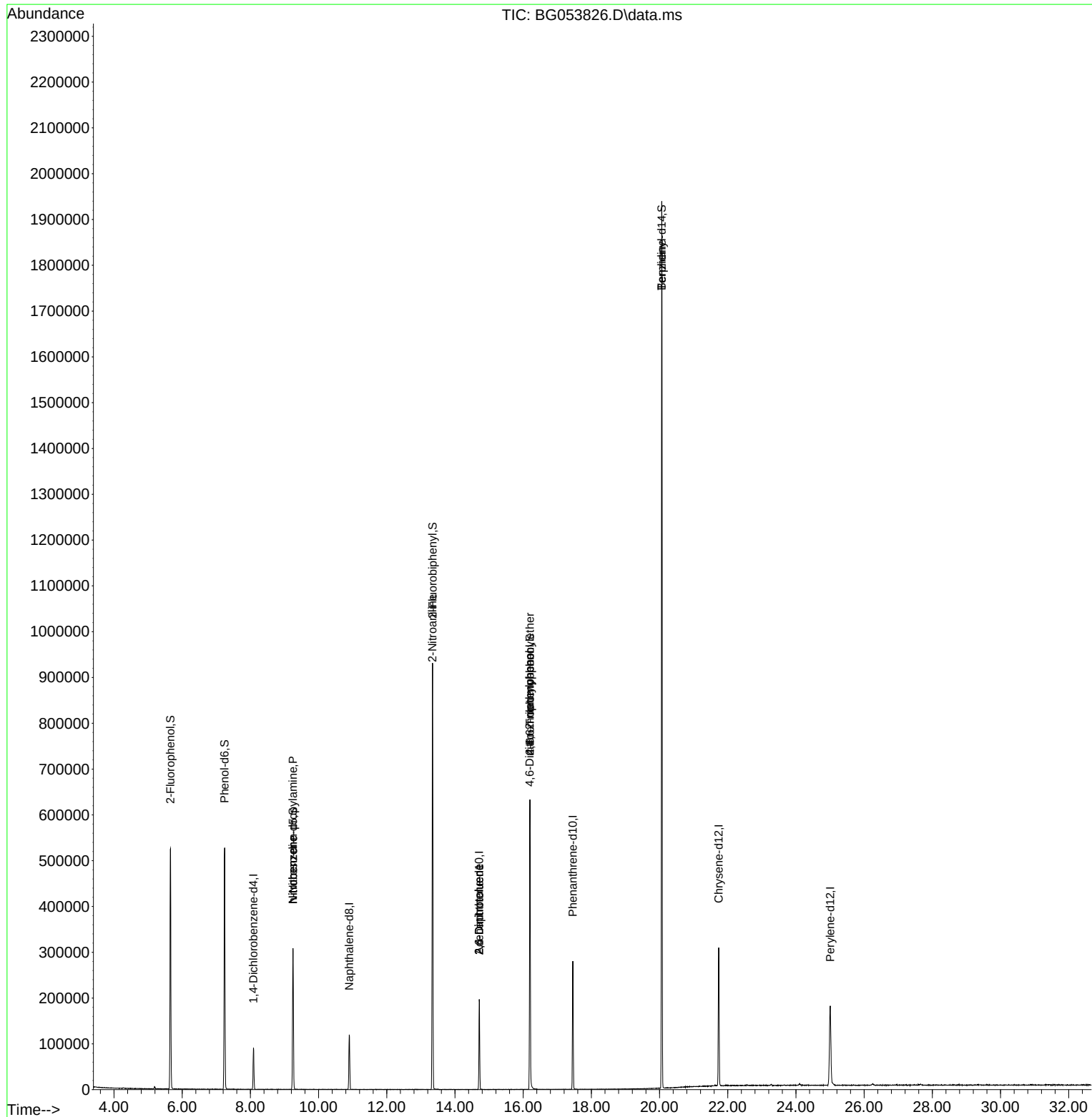
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.090	152	28006	20.000	ng	0.00
21) Naphthalene-d8	10.898	136	112087	20.000	ng	0.00
39) Acenaphthene-d10	14.712	164	76583	20.000	ng	0.00
64) Phenanthrene-d10	17.455	188	197833	20.000	ng	0.00
76) Chrysene-d12	21.733	240	215854	20.000	ng	0.00
86) Perylene-d12	25.005	264	212393	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.657	112	249679	163.714	ng	0.00
7) Phenol-d6	7.244	99	317088	153.487	ng	0.00
23) Nitrobenzene-d5	9.247	82	196897	115.356	ng	0.00
42) 2,4,6-Tribromophenol	16.198	330	142366	153.146	ng	0.00
45) 2-Fluorobiphenyl	13.343	172	528335	103.207	ng	0.00
79) Terphenyl-d14	20.064	244	1090883	100.541	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.247	70	25539	17.454	ng	# 85
24) Nitrobenzene	9.247	77	654	3.295	ng	# 48
48) 2-Nitroaniline	13.337	65	670	5.596	ng	# 1
51) 2,6-Dinitrotoluene	14.712	165	10572	13.662	ng	# 16
57) 2,4-Dinitrotoluene	14.712	165	10572	11.402	ng	# 21
65) 4,6-Dinitro-2-methylph...	16.192	198	331	5.989	ng	# 75
67) 4-Bromophenyl-phenylether	16.198	248	9568	4.451	ng	# 1
77) Benzidine	20.064	184	14887	2.820	ng	# 93

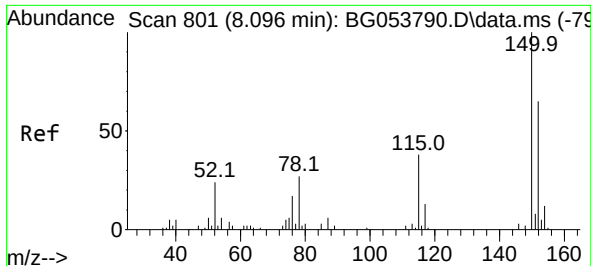
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060622\
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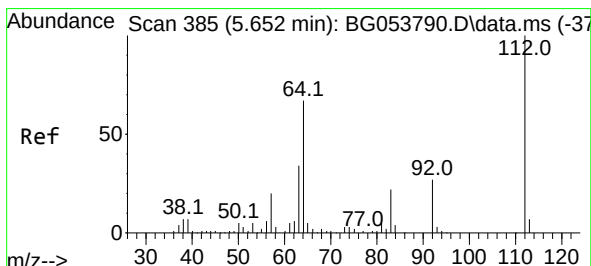
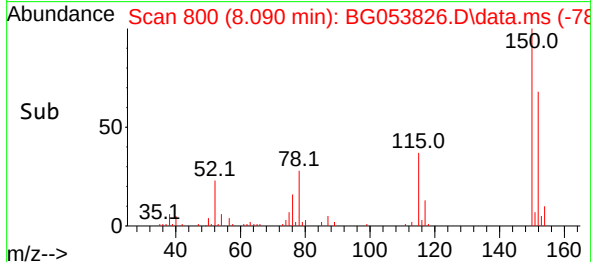
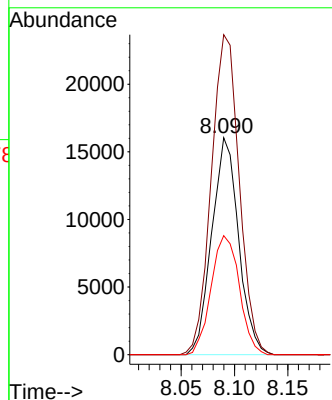
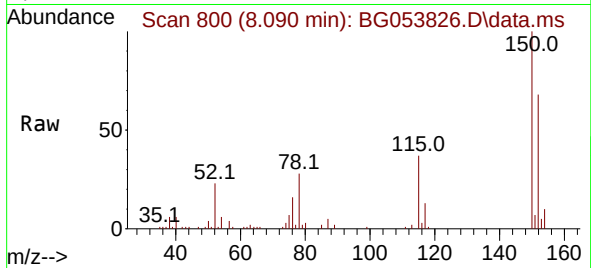




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.090 min Scan# 801
Delta R.T. -0.006 min
Lab File: BG053826.D
Acq: 6 Jun 2022 12:44

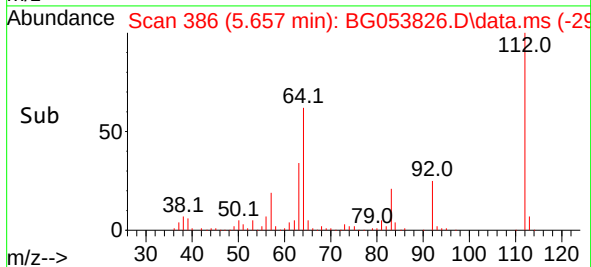
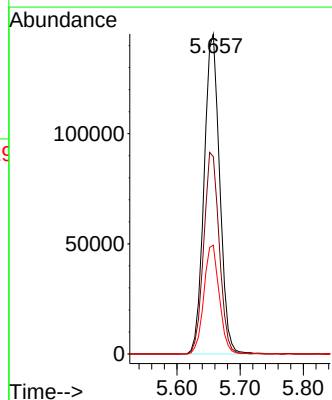
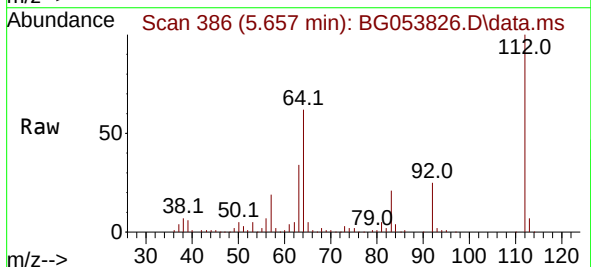
Instrument :
BNA_G
ClientSampleId :
PB145261TB

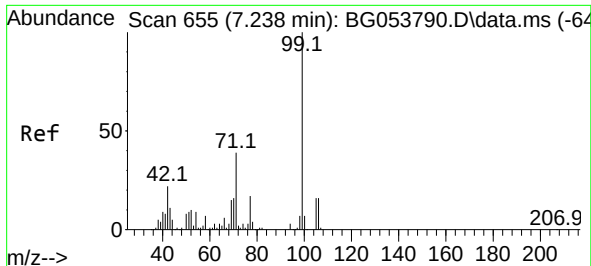
Tgt Ion:152 Resp: 28006
Ion Ratio Lower Upper
152 100
150 147.4 131.6 197.4
115 54.9 50.9 76.3



#5
2-Fluorophenol
Concen: 163.714 ng
RT: 5.657 min Scan# 386
Delta R.T. 0.005 min
Lab File: BG053826.D
Acq: 6 Jun 2022 12:44

Tgt Ion:112 Resp: 249679
Ion Ratio Lower Upper
112 100
64 61.7 55.1 82.7
63 34.0 30.4 45.6

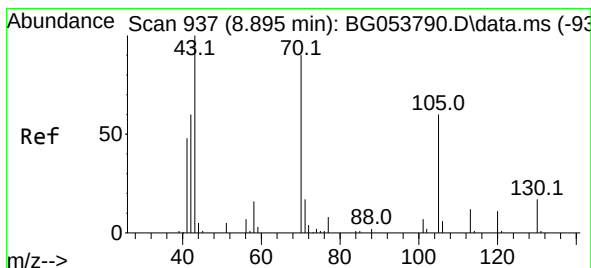
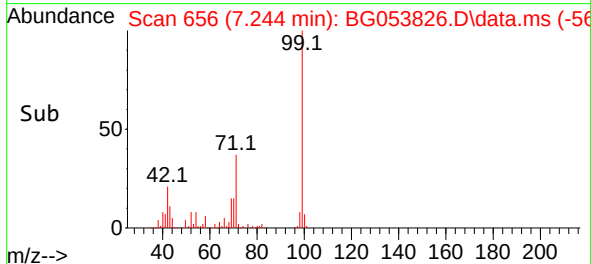
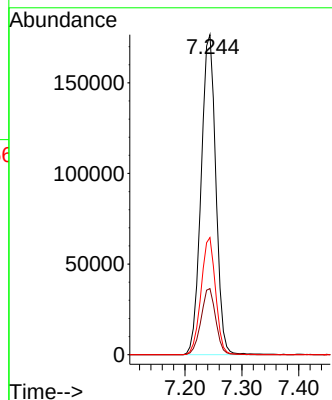
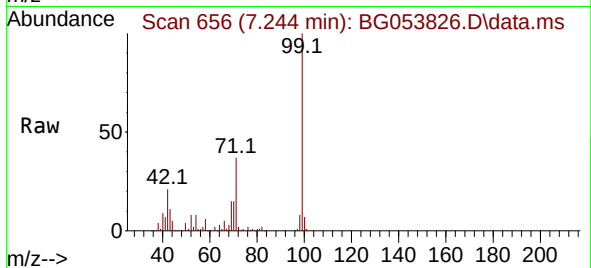




#7
Phenol-d6
Concen: 153.487 ng
RT: 7.244 min Scan# 61
Delta R.T. 0.006 min
Lab File: BG053826.D
Acq: 6 Jun 2022 12:44

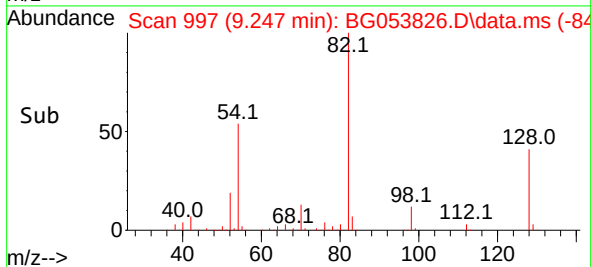
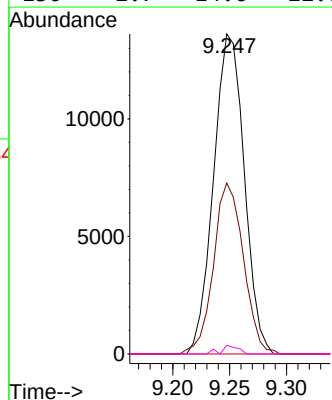
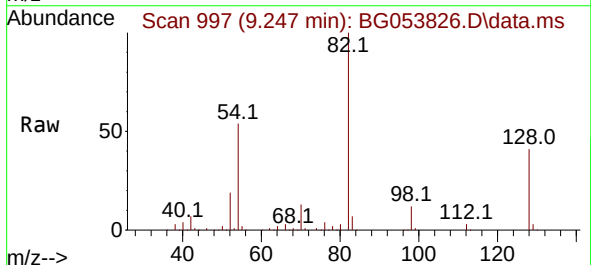
Instrument :
BNA_G
ClientSampleId :
PB145261TB

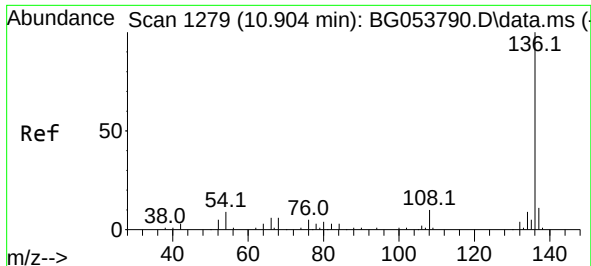
Tgt Ion: 99 Resp: 317088
Ion Ratio Lower Upper
99 100
42 20.6 17.0 25.6
71 36.6 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 17.454 ng
RT: 9.247 min Scan# 997
Delta R.T. 0.352 min
Lab File: BG053826.D
Acq: 6 Jun 2022 12:44

Tgt Ion: 70 Resp: 25539
Ion Ratio Lower Upper
70 100
42 53.4 47.3 70.9
101 0.0 7.0 10.4#
130 2.7 14.6 22.0#

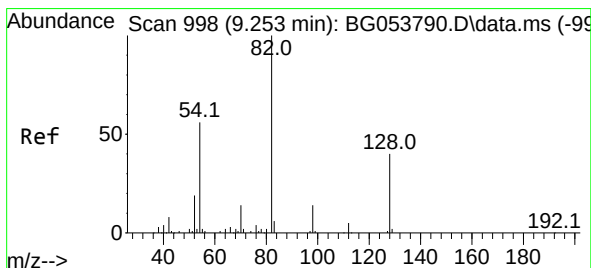
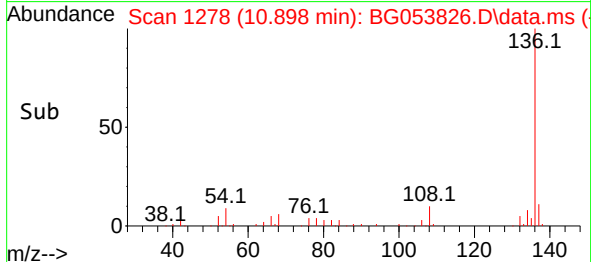
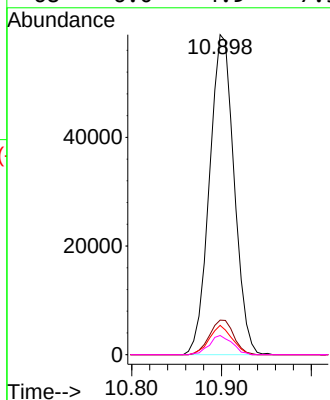
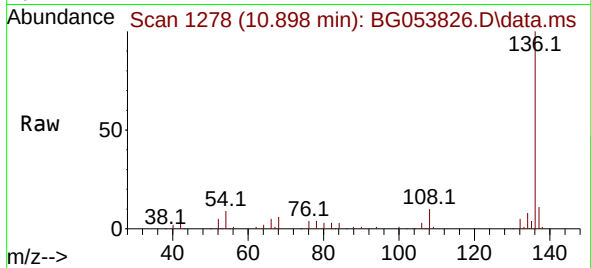




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.898 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG053826.D
Acq: 6 Jun 2022 12:44

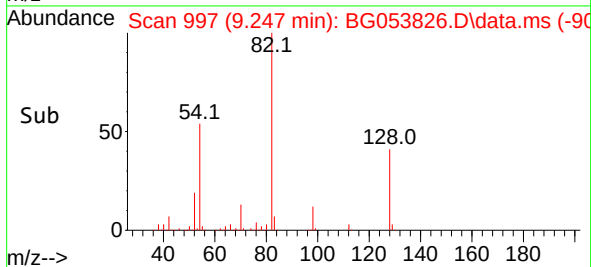
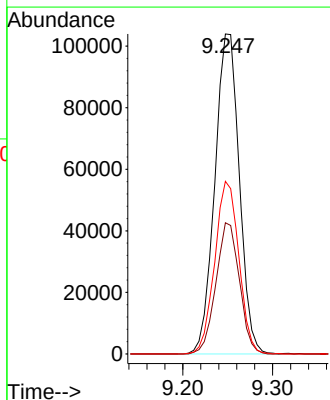
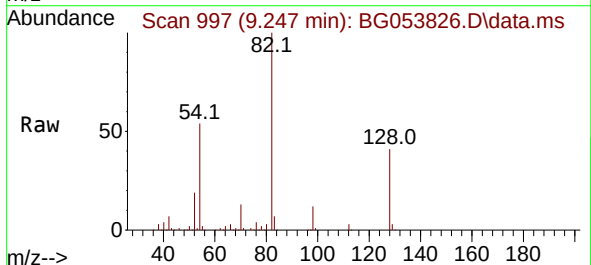
Instrument :
BNA_G
ClientSampleId :
PB145261TB

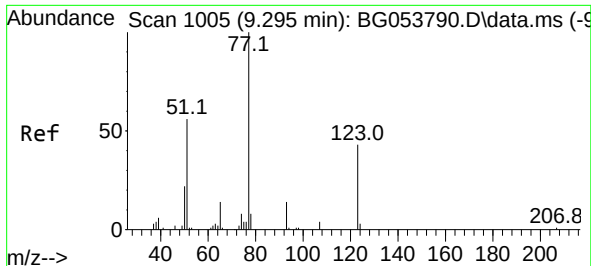
Tgt Ion:	136	Resp:	112087
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.5	12.7
54	9.1	7.4	11.2
68	6.0	4.9	7.3



#23
Nitrobenzene-d5
Concen: 115.356 ng
RT: 9.247 min Scan# 997
Delta R.T. -0.006 min
Lab File: BG053826.D
Acq: 6 Jun 2022 12:44

Tgt Ion:	82	Resp:	196897
Ion Ratio	Lower	Upper	
82	100		
128	41.0	27.9	41.9
54	54.0	41.2	61.8

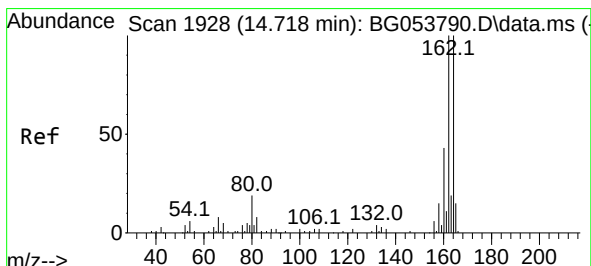
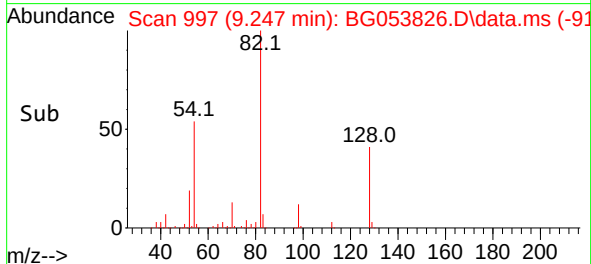
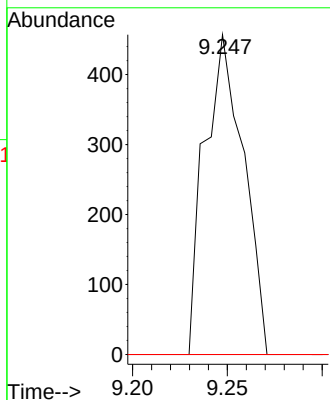
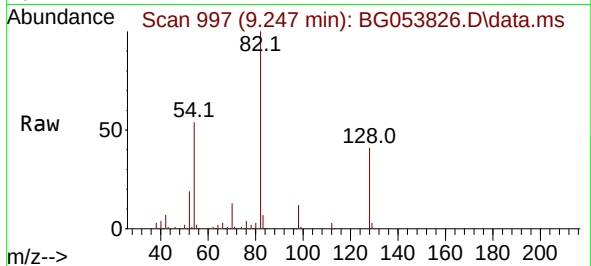




#24
Nitrobenzene
Concen: 3.295 ng
RT: 9.247 min Scan# 91
Delta R.T. -0.048 min
Lab File: BG053826.D
Acq: 6 Jun 2022 12:44

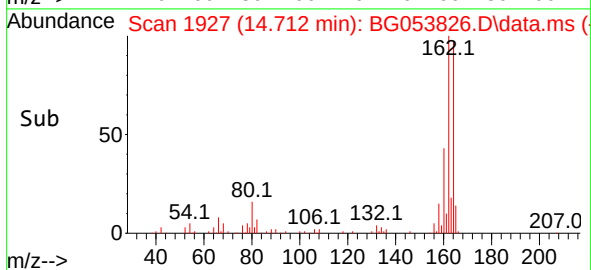
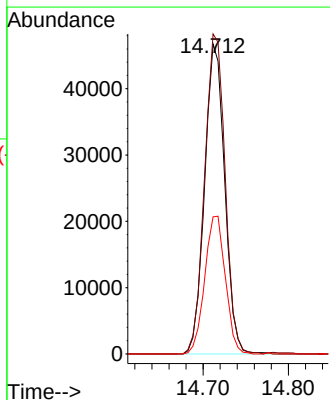
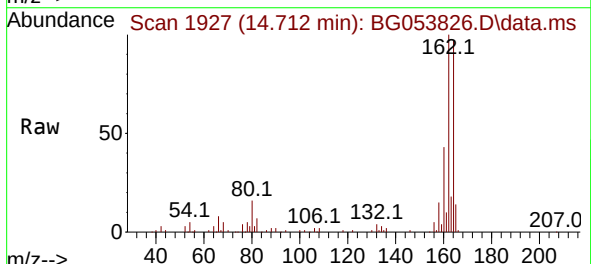
Instrument :
BNA_G
ClientSampleId :
PB145261TB

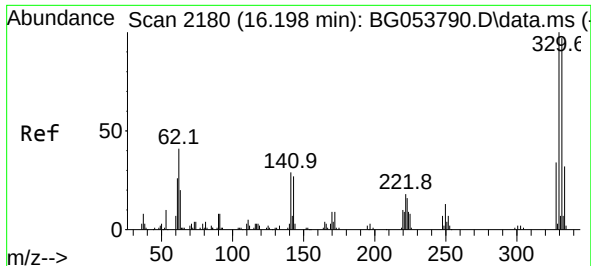
Tgt Ion: 77 Resp: 654
Ion Ratio Lower Upper
77 100
123 0.0 27.4 41.0#
65 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.712 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BG053826.D
Acq: 6 Jun 2022 12:44

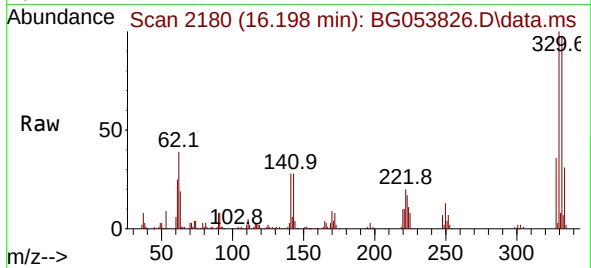
Tgt Ion: 164 Resp: 76583
Ion Ratio Lower Upper
164 100
162 103.3 82.3 123.5
160 44.2 34.2 51.2



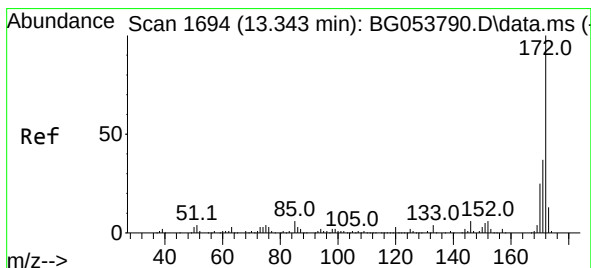
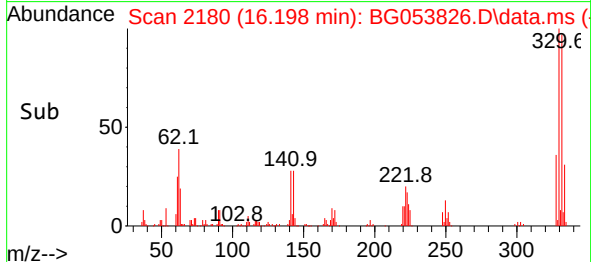
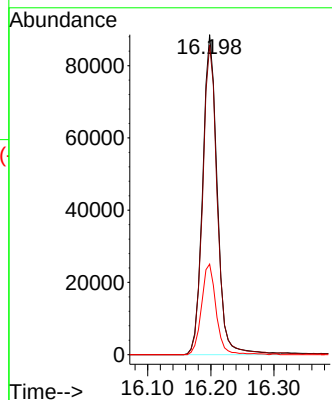


#42
2,4,6-Tribromophenol
Concen: 153.146 ng
RT: 16.198 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG053826.D
Acq: 6 Jun 2022 12:44

Instrument :
BNA_G
ClientSampleId :
PB145261TB

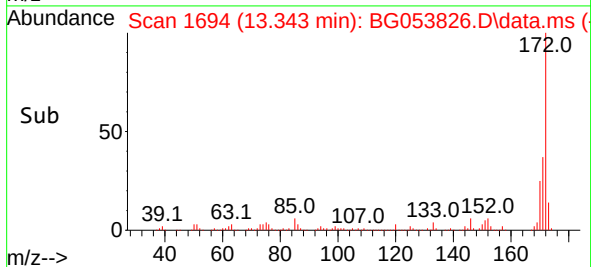
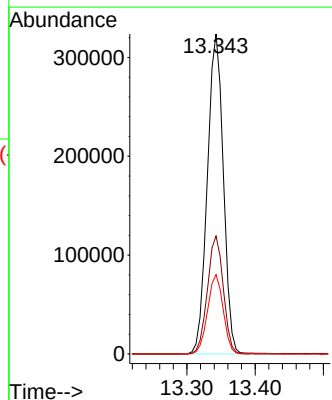
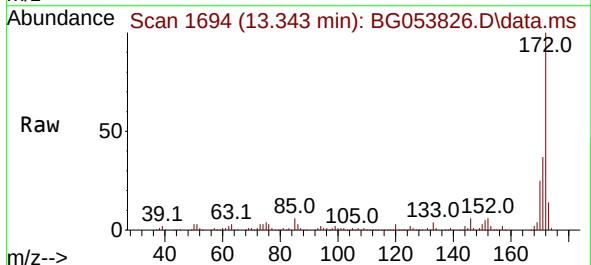


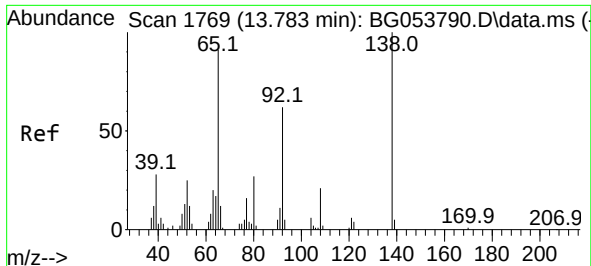
Tgt Ion:330 Resp: 142366
Ion Ratio Lower Upper
330 100
332 96.7 76.0 114.0
141 28.4 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 103.207 ng
RT: 13.343 min Scan# 1694
Delta R.T. -0.000 min
Lab File: BG053826.D
Acq: 6 Jun 2022 12:44

Tgt Ion:172 Resp: 528335
Ion Ratio Lower Upper
172 100
171 36.9 28.5 42.7
170 24.8 18.9 28.3

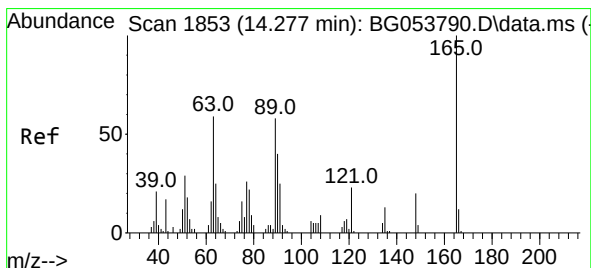
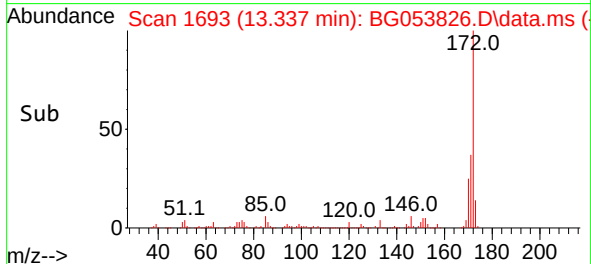
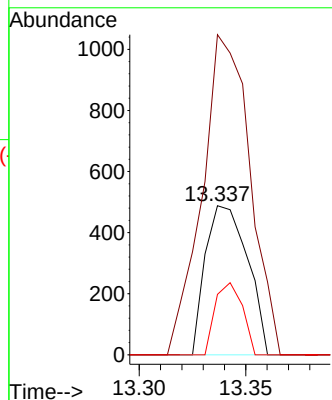
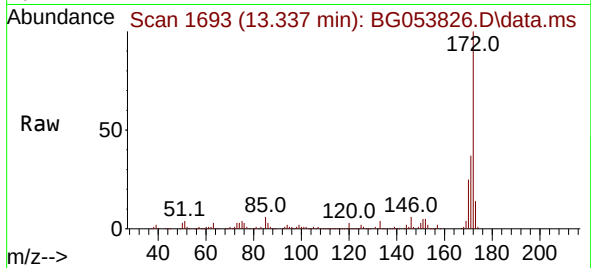




#48
2-Nitroaniline
Concen: 5.596 ng
RT: 13.337 min Scan# 1
Delta R.T. -0.446 min
Lab File: BG053826.D
Acq: 6 Jun 2022 12:44

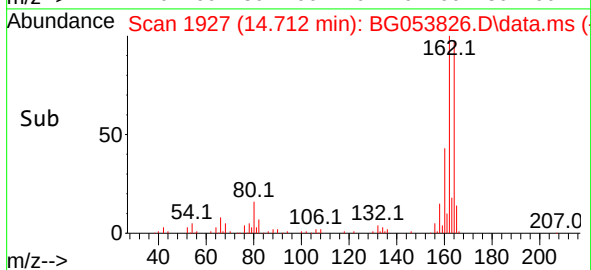
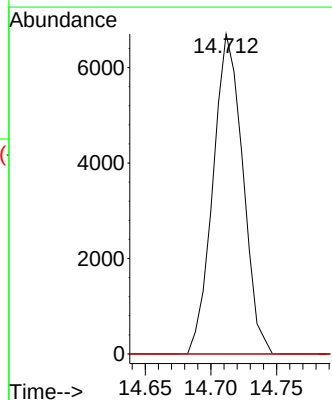
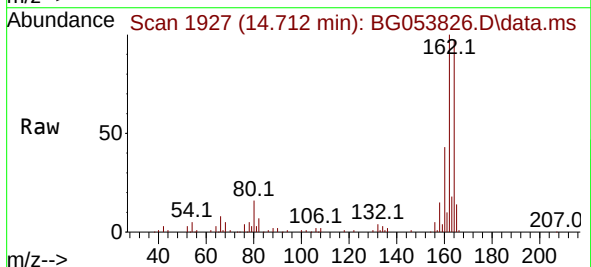
Instrument :
BNA_G
ClientSampleId :
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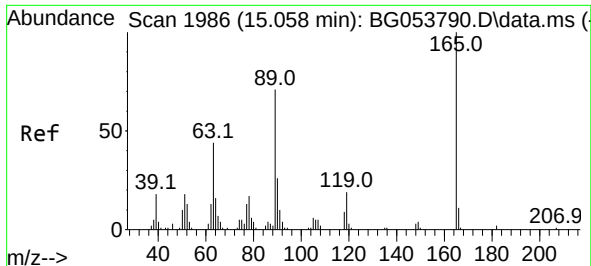
Tgt Ion: 65 Resp: 670
Ion Ratio Lower Upper
65 100
92 214.8 51.5 77.3#
138 40.6 71.3 106.9#



#51
2,6-Dinitrotoluene
Concen: 13.662 ng
RT: 14.712 min Scan# 1927
Delta R.T. 0.435 min
Lab File: BG053826.D
Acq: 6 Jun 2022 12:44

Tgt Ion:165 Resp: 10572
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: 11.402 ng

RT: 14.712 min Scan# 1986

Delta R.T. -0.346 min

Lab File: BG053826.D

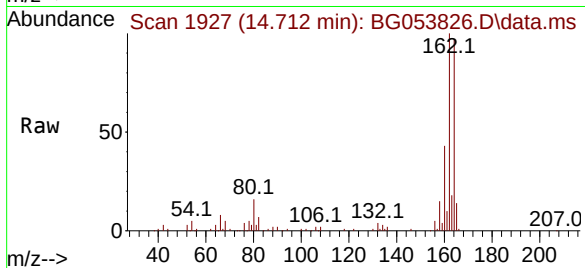
Acq: 6 Jun 2022 12:44

Instrument :

BNA_G

ClientSampleId :

PB145261TB



Tgt Ion:165 Resp: 10572

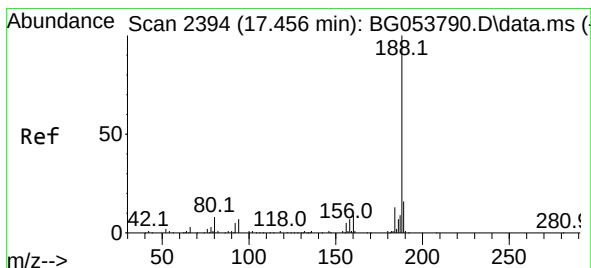
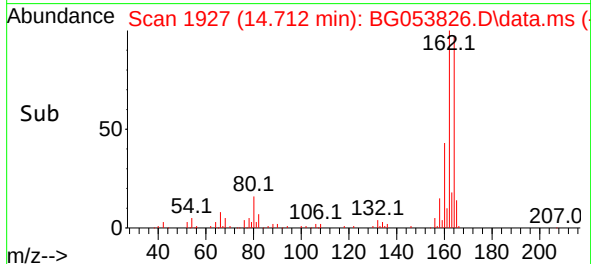
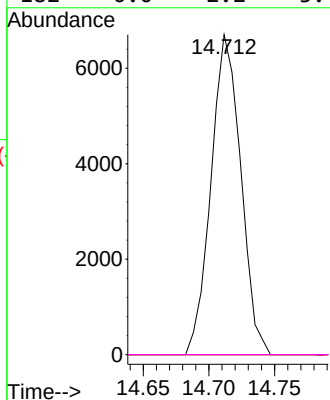
Ion Ratio Lower Upper

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: 17.455 min Scan# 2394

Delta R.T. -0.001 min

Lab File: BG053826.D

Acq: 6 Jun 2022 12:44

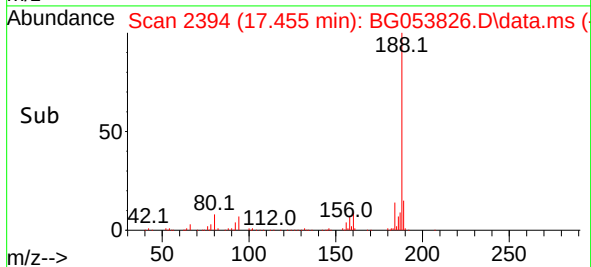
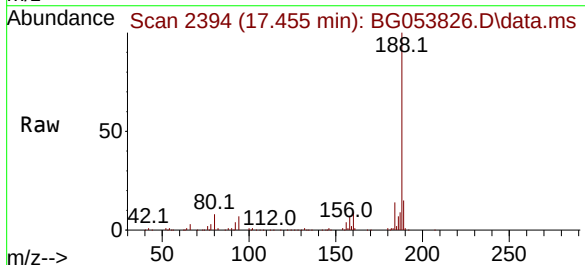
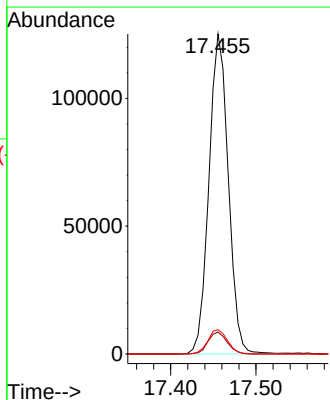
Tgt Ion:188 Resp: 197833

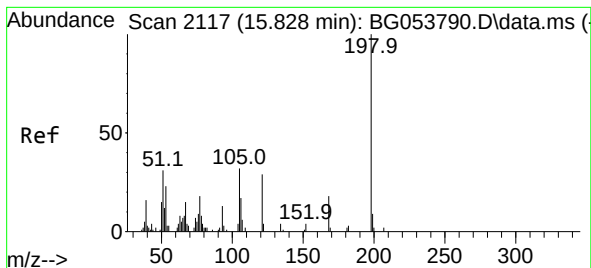
Ion Ratio Lower Upper

188 100

94 6.8 5.4 8.0

80 7.6 6.8 10.2

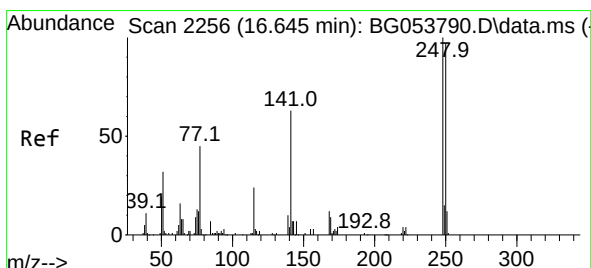
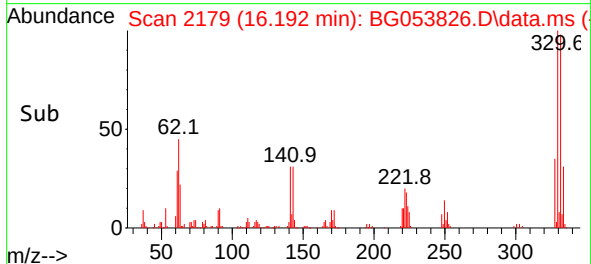
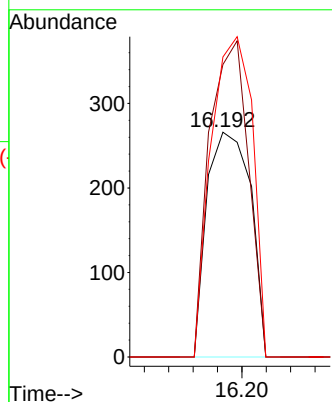
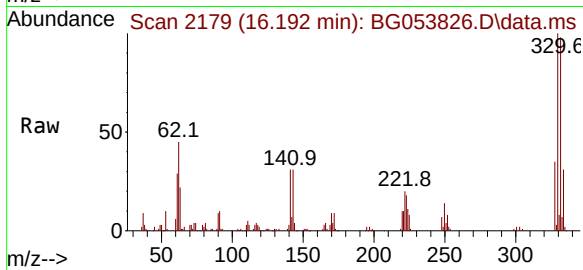




#65
4,6-Dinitro-2-methylphenol
Concen: 5.989 ng
RT: 16.192 min Scan# 2117
Delta R.T. 0.364 min
Lab File: BG053826.D
Acq: 6 Jun 2022 12:44

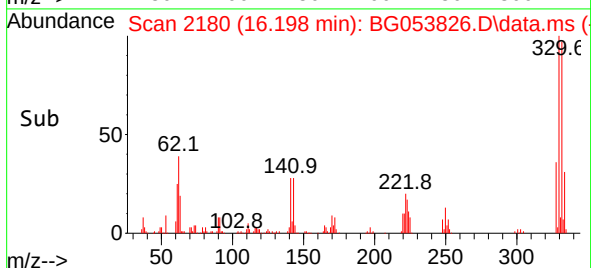
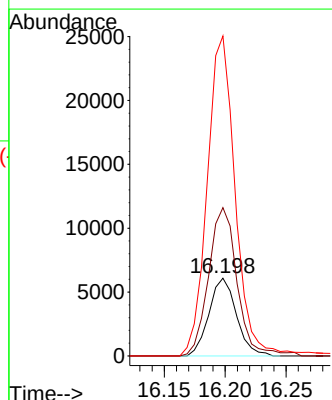
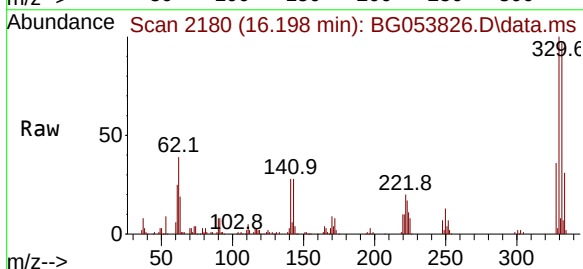
Instrument :
BNA_G
ClientSampleId :
PB145261TB

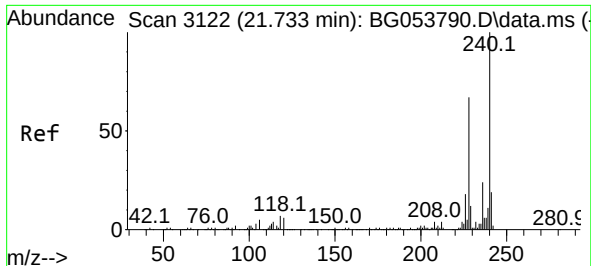
Tgt Ion:198 Resp: 331
Ion Ratio Lower Upper
198 100
51 27.5 28.1 68.1#
105 28.2 20.3 60.3



#67
4-Bromophenyl-phenylether
Concen: 4.451 ng
RT: 16.198 min Scan# 2180
Delta R.T. -0.447 min
Lab File: BG053826.D
Acq: 6 Jun 2022 12:44

Tgt Ion:248 Resp: 9568
Ion Ratio Lower Upper
248 100
250 190.7 75.2 112.8#
141 411.7 50.0 75.0#

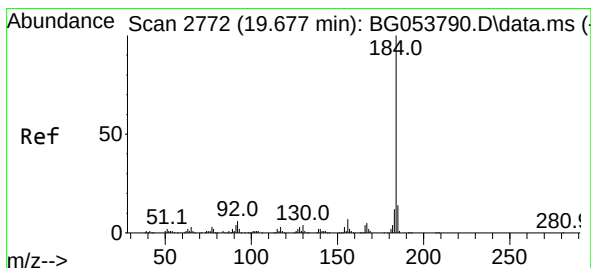
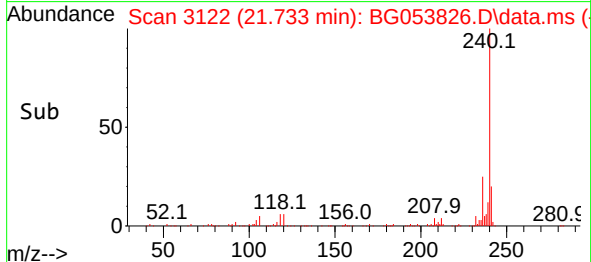
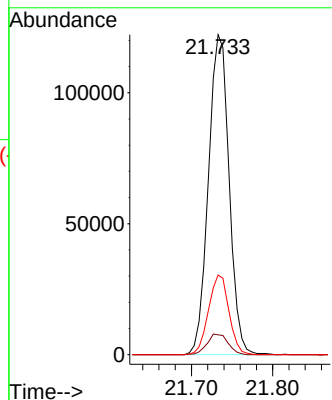
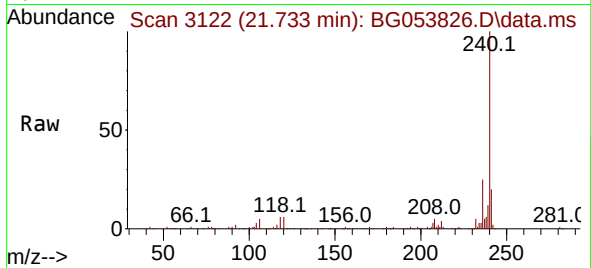




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.733 min Scan# 31
Delta R.T. -0.000 min
Lab File: BG053826.D
Acq: 6 Jun 2022 12:44

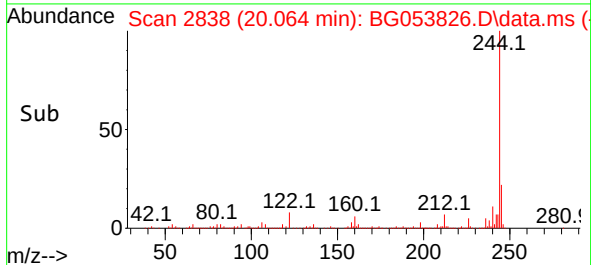
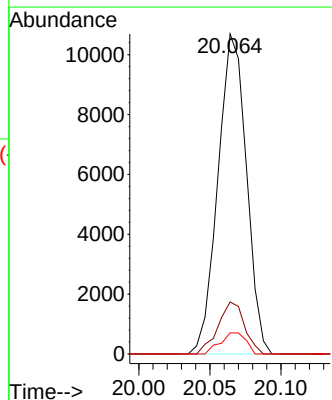
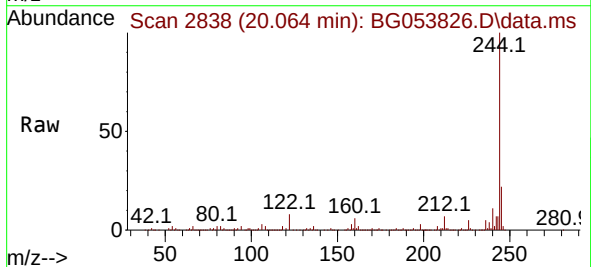
Instrument :
BNA_G
ClientSampleId :
PB145261TB

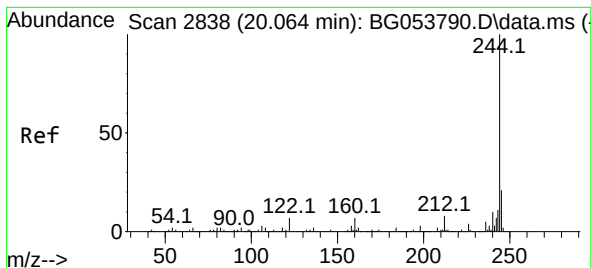
Tgt Ion:240 Resp: 215854
Ion Ratio Lower Upper
240 100
120 6.2 4.6 7.0
236 24.9 20.2 30.4



#77
Benzidine
Concen: 2.820 ng
RT: 20.064 min Scan# 2838
Delta R.T. 0.388 min
Lab File: BG053826.D
Acq: 6 Jun 2022 12:44

Tgt Ion:184 Resp: 14887
Ion Ratio Lower Upper
184 100
185 16.2 11.8 17.6
183 6.6 8.9 13.3#





#79

Terphenyl-d14

Concen: 100.541 ng

RT: 20.064 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG053826.D

Acq: 6 Jun 2022 12:44

Instrument :

BNA_G

ClientSampleId :

PB145261TB

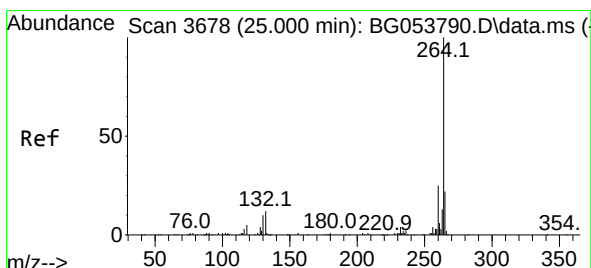
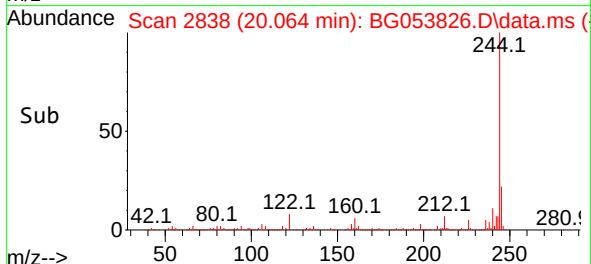
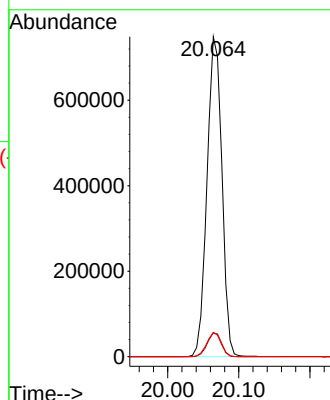
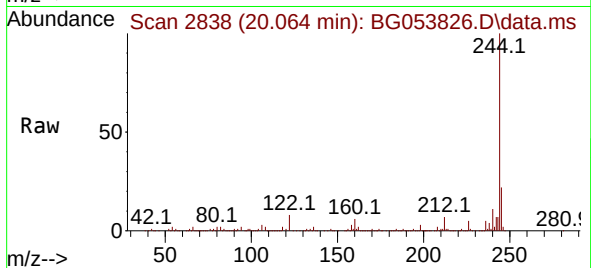
Tgt Ion:244 Resp: 1090883

Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

122 7.6 5.0 7.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.005 min Scan# 3679

Delta R.T. 0.006 min

Lab File: BG053826.D

Acq: 6 Jun 2022 12:44

Tgt Ion:264 Resp: 212393

Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.6

265 21.8 17.4 26.2

