

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
 Data File : BG053037.D
 Acq On : 5 Apr 2022 18:33
 Operator : CG/JU
 Sample : N2246-.09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-8-9-2-1

Quant Time: Apr 06 04:15:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 05 14:24:42 2022
 Response via : Initial Calibration

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

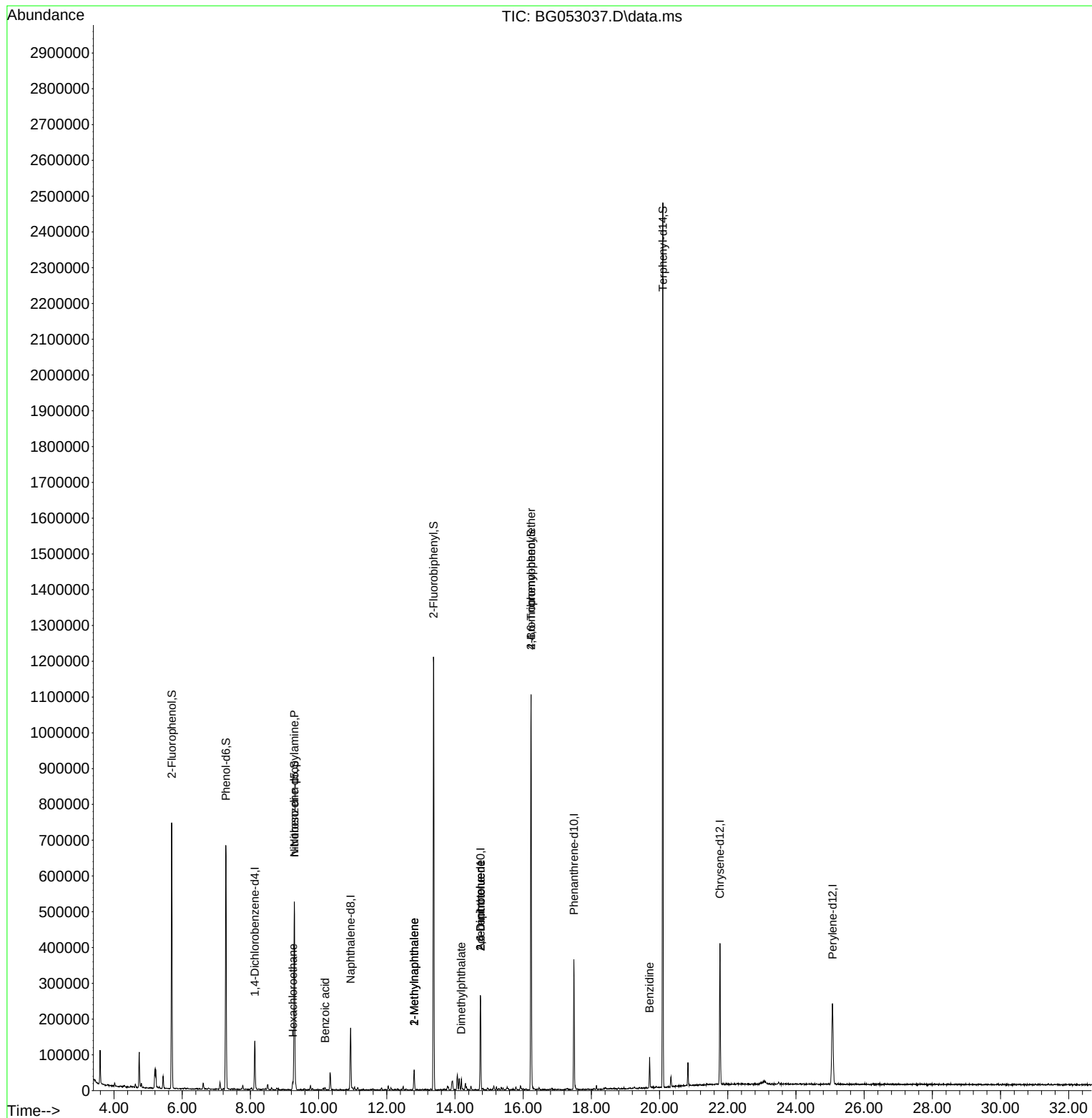
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.129	152	36189	20.000	ng	#-0.02
21) Naphthalene-d8	10.937	136	136282	20.000	ng	-0.02
39) Acenaphthene-d10	14.744	164	96180	20.000	ng	-0.02
64) Phenanthrene-d10	17.487	188	228266	20.000	ng	-0.02
76) Chrysene-d12	21.770	240	254762	20.000	ng	-0.03
86) Perylene-d12	25.071	264	257007	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.692	112	287710	138.454	ng	0.00
7) Phenol-d6	7.278	99	373057	119.080	ng	-0.01
23) Nitrobenzene-d5	9.287	82	328596	121.016	ng	-0.02
42) 2,4,6-Tribromophenol	16.230	330	212533	164.448	ng	-0.02
45) 2-Fluorobiphenyl	13.375	172	656486	100.667	ng	-0.02
79) Terphenyl-d14	20.096	244	1280891	89.437	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	7.278	77	1714	Below Cal	#	5
18) Hexachloroethane	9.246	117	3470	3.581	ng	# 1
19) n-Nitroso-di-n-propyla...	9.287	70	48519	21.867	ng	# 81
32) Benzoic acid	10.191	122	53	5.706	ng	# 52
37) 2-Methylnaphthalene	12.805	142	25716	4.983	ng	95
38) 1-Methylnaphthalene	12.805	142	25716	5.105	ng	95
50) Dimethylphthalate	14.186	163	18334	2.565	ng	# 98
51) 2,6-Dinitrotoluene	14.744	165	12099	10.025	ng	# 26
57) 2,4-Dinitrotoluene	14.744	165	12099	7.225	ng	# 25
67) 4-Bromophenyl-phenylether	16.230	248	14873	5.404	ng	# 1
77) Benzidine	19.708	184	53288	8.110	ng	97

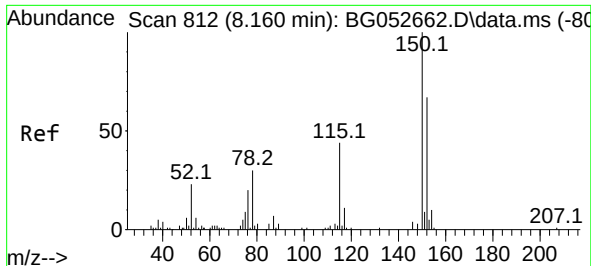
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
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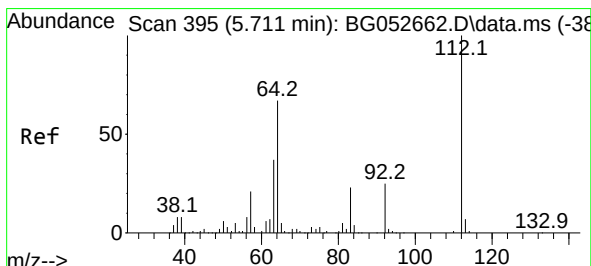
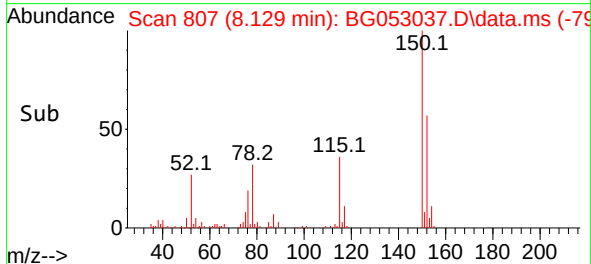
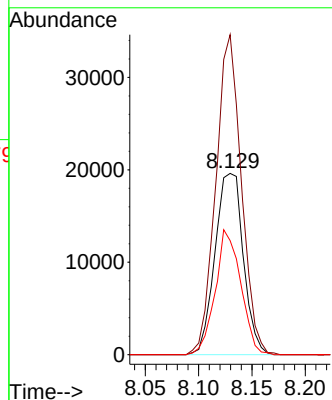
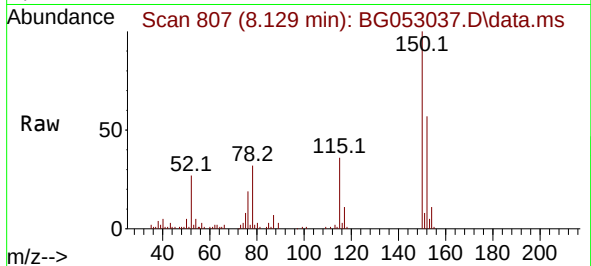




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.129 min Scan# 80
Delta R.T. -0.017 min
Lab File: BG053037.D
Acq: 5 Apr 2022 18:33

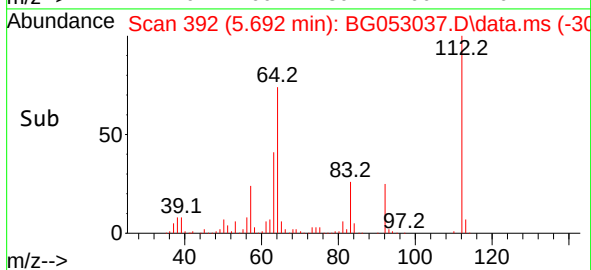
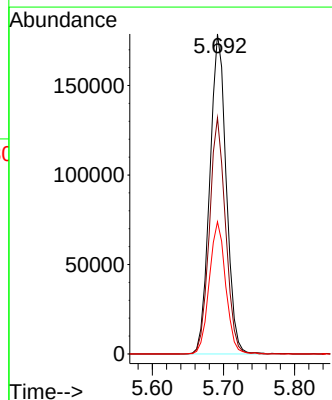
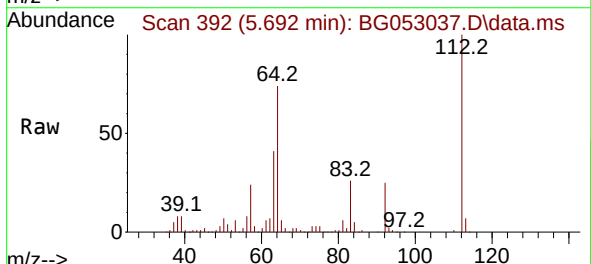
Instrument :
BNA_G
ClientSampleId :
WC-8-9-2-1

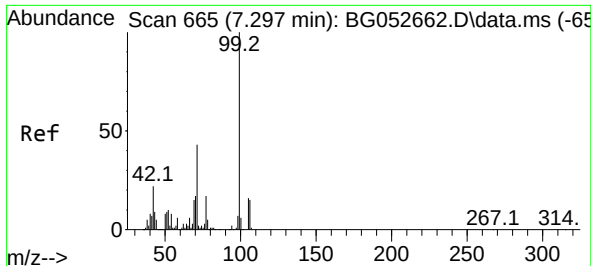
Tgt Ion:152 Resp: 36189
Ion Ratio Lower Upper
152 100
150 176.5 114.6 172.0#
115 62.9 45.9 68.9



#5
2-Fluorophenol
Concen: 138.454 ng
RT: 5.692 min Scan# 392
Delta R.T. -0.005 min
Lab File: BG053037.D
Acq: 5 Apr 2022 18:33

Tgt Ion:112 Resp: 287710
Ion Ratio Lower Upper
112 100
64 73.8 48.0 72.0#
63 41.3 26.5 39.7#

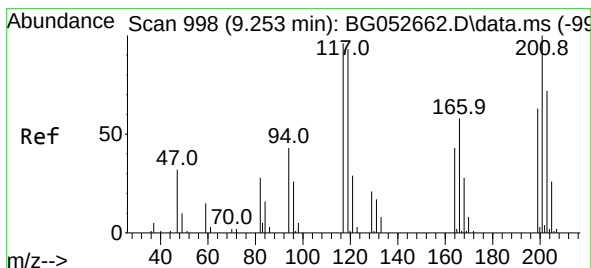
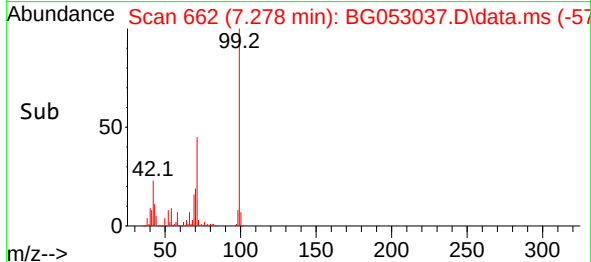
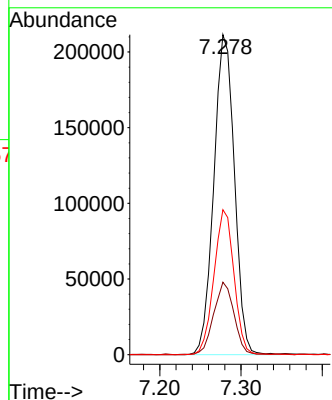
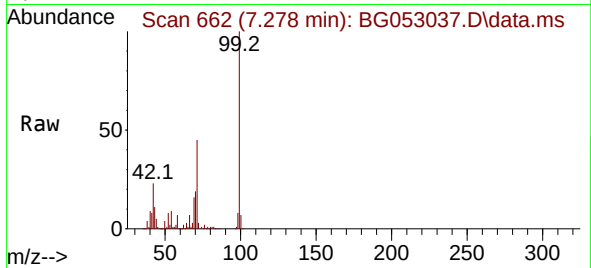




#7
Phenol-d6
Concen: 119.080 ng
RT: 7.278 min Scan# 60
Delta R.T. -0.011 min
Lab File: BG053037.D
Acq: 5 Apr 2022 18:33

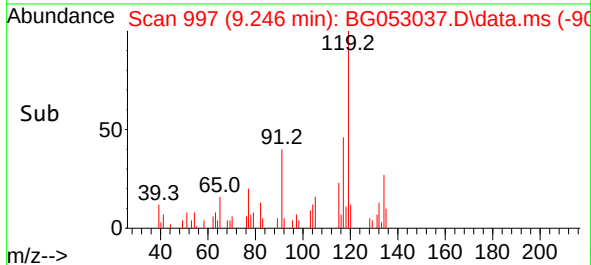
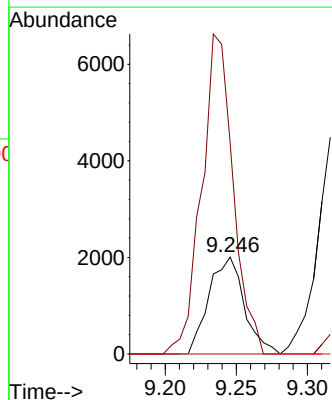
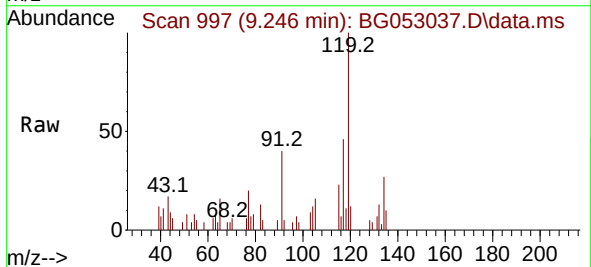
Instrument :
BNA_G
ClientSampleId :
WC-8-9-2-1

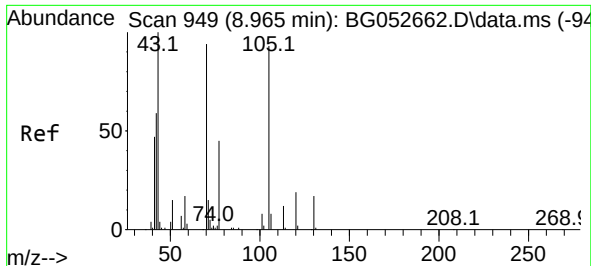
Tgt Ion: 99 Resp: 373057
Ion Ratio Lower Upper
99 100
42 22.7 14.7 22.1#
71 45.3 29.2 43.8#



#18
Hexachloroethane
Concen: 3.581 ng
RT: 9.246 min Scan# 997
Delta R.T. 0.013 min
Lab File: BG053037.D
Acq: 5 Apr 2022 18:33

Tgt Ion: 117 Resp: 3470
Ion Ratio Lower Upper
117 100
119 218.5 75.1 112.7#
201 0.0 96.6 145.0#

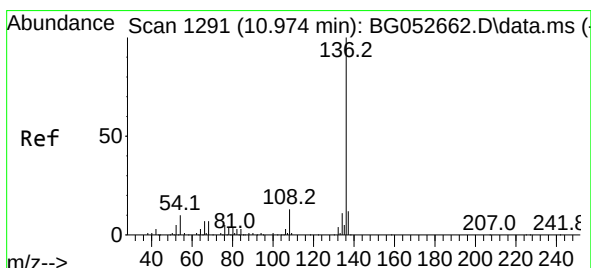
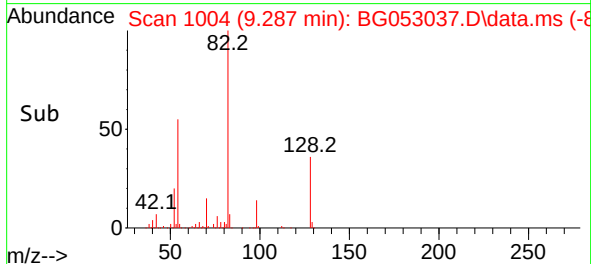
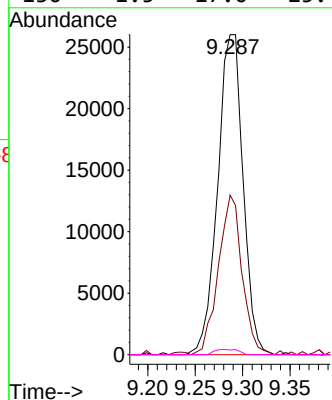
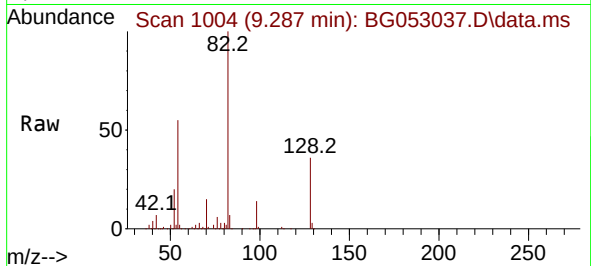




#19
n-Nitroso-di-n-propylamine
Concen: 21.867 ng
RT: 9.287 min Scan# 1004
Delta R.T. 0.342 min
Lab File: BG053037.D
Acq: 5 Apr 2022 18:33

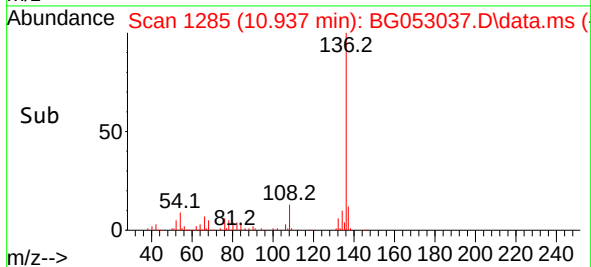
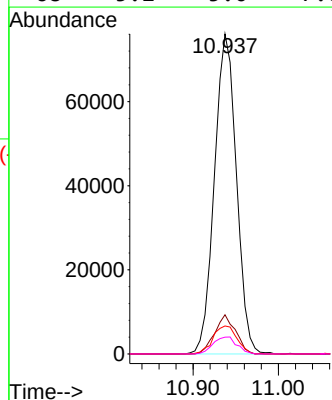
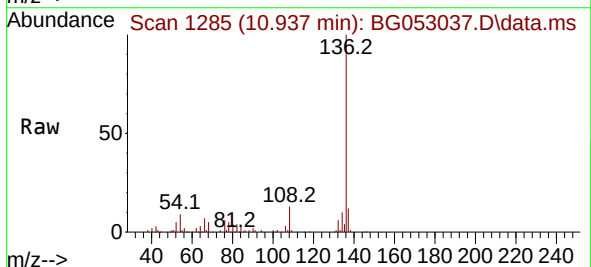
Instrument :
BNA_G
ClientSampleId :
WC-8-9-2-1

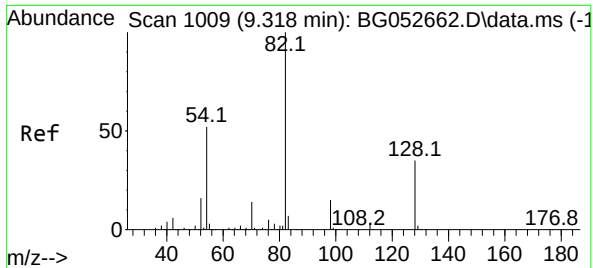
Tgt Ion: 70 Resp: 48519
Ion Ratio Lower Upper
70 100
42 49.9 46.0 69.0
101 0.0 6.2 9.4#
130 1.5 17.0 25.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.937 min Scan# 1285
Delta R.T. -0.023 min
Lab File: BG053037.D
Acq: 5 Apr 2022 18:33

Tgt Ion: 136 Resp: 136282
Ion Ratio Lower Upper
136 100
137 12.3 9.4 14.2
54 8.7 6.4 9.6
68 5.2 5.0 7.6

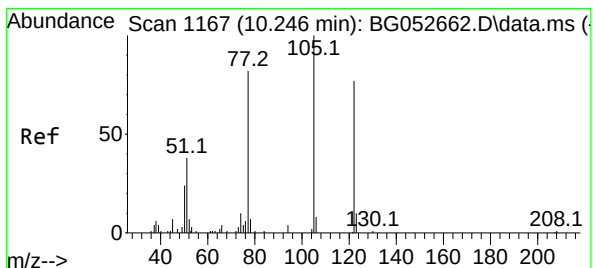
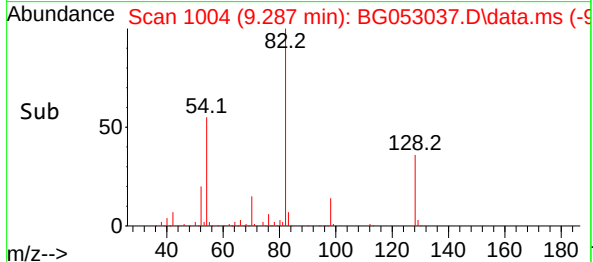
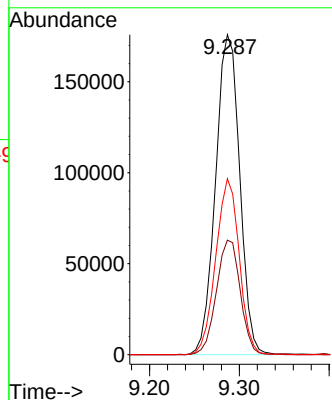
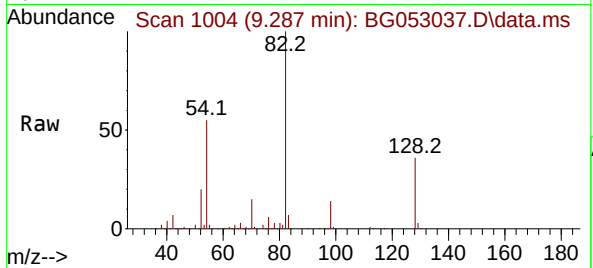




#23
Nitrobenzene-d5
Concen: 121.016 ng
RT: 9.287 min Scan# 1004
Delta R.T. -0.017 min
Lab File: BG053037.D
Acq: 5 Apr 2022 18:33

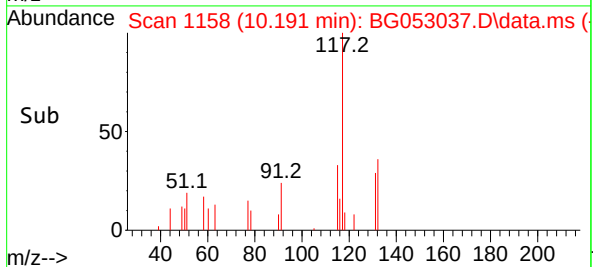
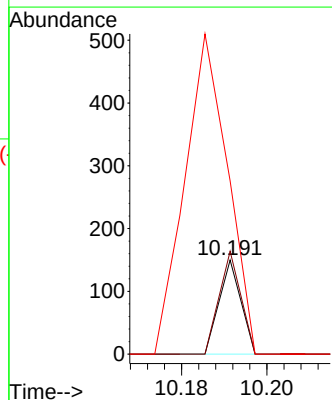
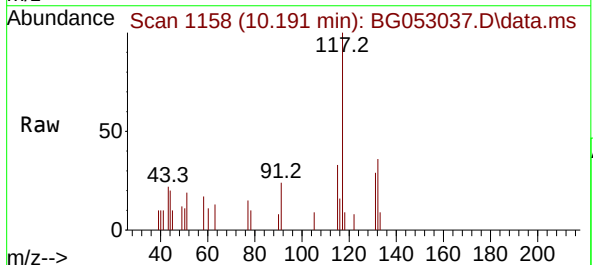
Instrument :
BNA_G
ClientSampleId :
WC-8-9-2-1

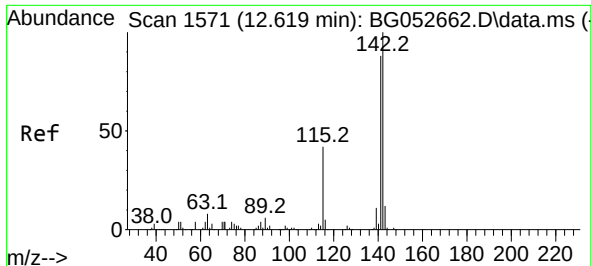
Tgt Ion: 82 Resp: 328596
Ion Ratio Lower Upper
82 100
128 35.8 31.3 46.9
54 55.0 37.8 56.8



#32
Benzoic acid
Concen: 5.706 ng
RT: 10.191 min Scan# 1158
Delta R.T. -0.046 min
Lab File: BG053037.D
Acq: 5 Apr 2022 18:33

Tgt Ion:122 Resp: 53
Ion Ratio Lower Upper
122 100
105 109.3 112.8 152.8#
77 184.0 78.4 118.4#





#37

2-Methylnaphthalene

Concen: 4.983 ng

RT: 12.805 min Scan# 1

Delta R.T. 0.201 min

Lab File: BG053037.D

Acq: 5 Apr 2022 18:33

Instrument :

BNA_G

ClientSampleId :

WC-8-9-2-1

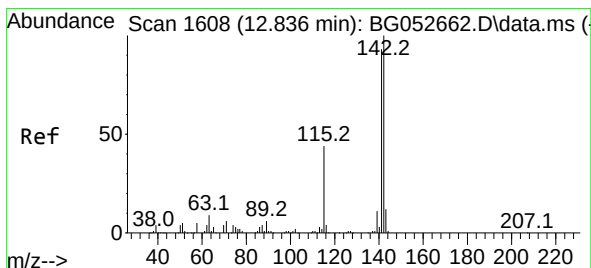
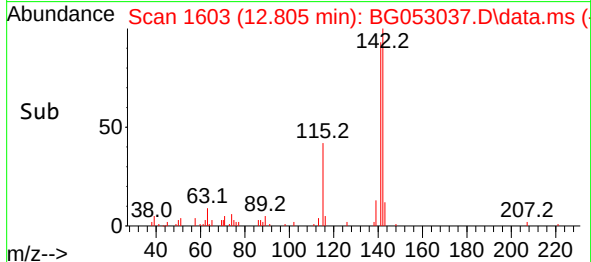
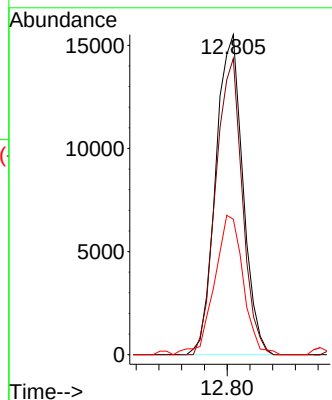
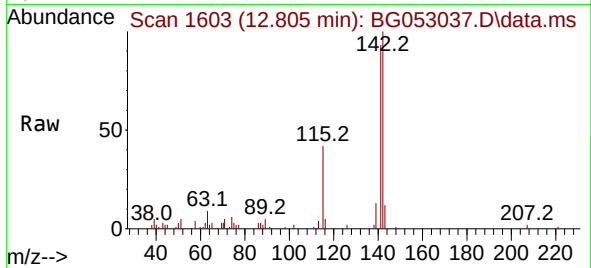
Tgt Ion:142 Resp: 25716

Ion Ratio Lower Upper

142 100

141 92.5 71.3 106.9

115 42.3 29.5 44.3



#38

1-Methylnaphthalene

Concen: 5.105 ng

RT: 12.805 min Scan# 1603

Delta R.T. -0.017 min

Lab File: BG053037.D

Acq: 5 Apr 2022 18:33

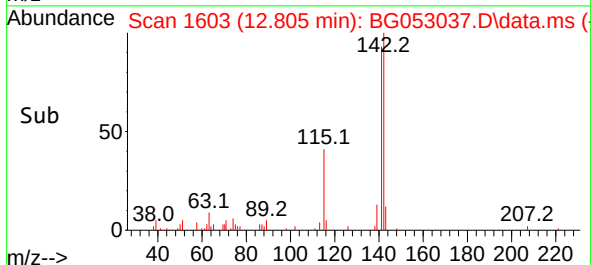
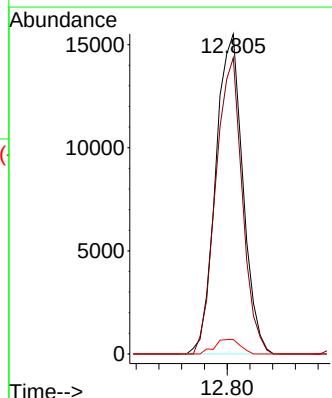
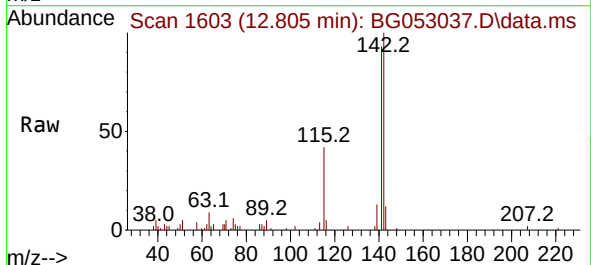
Tgt Ion:142 Resp: 25716

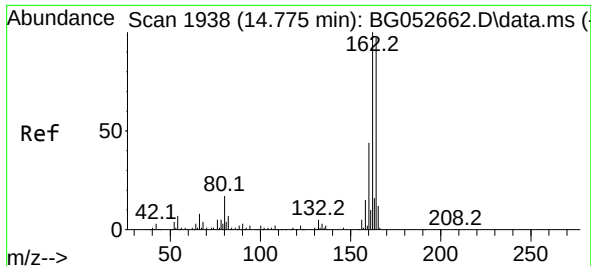
Ion Ratio Lower Upper

142 100

141 92.5 70.5 105.7

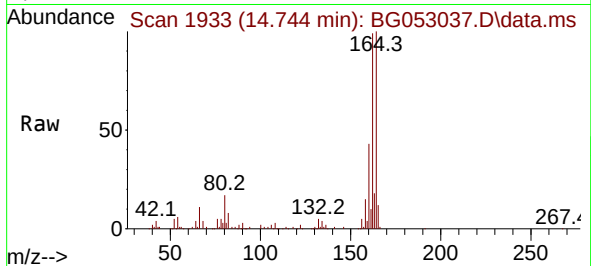
116 4.5 3.1 4.7



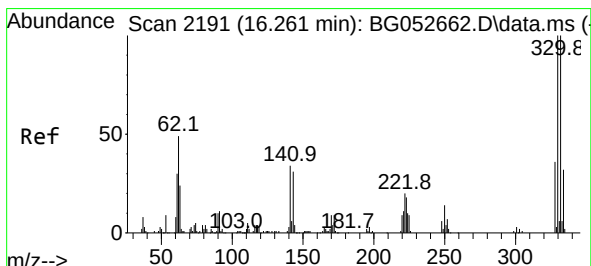
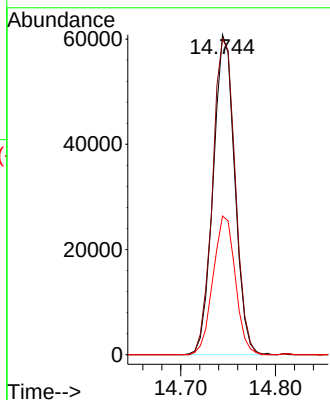
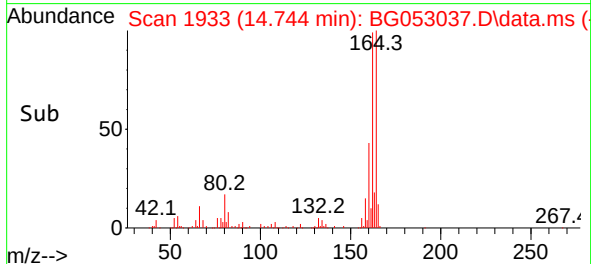


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.744 min Scan# 1933
Delta R.T. -0.023 min
Lab File: BG053037.D
Acq: 5 Apr 2022 18:33

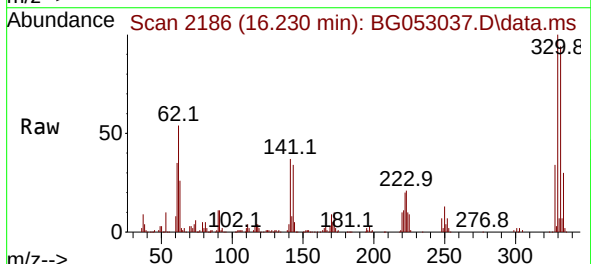
Instrument :
BNA_G
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WC-8-9-2-1



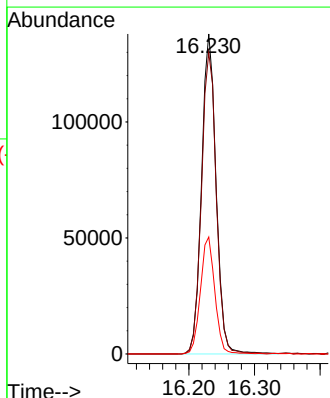
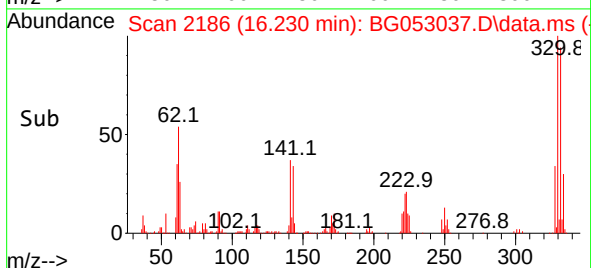
Tgt Ion:164 Resp: 96180
Ion Ratio Lower Upper
164 100
162 98.7 80.0 120.0
160 43.3 38.8 58.2

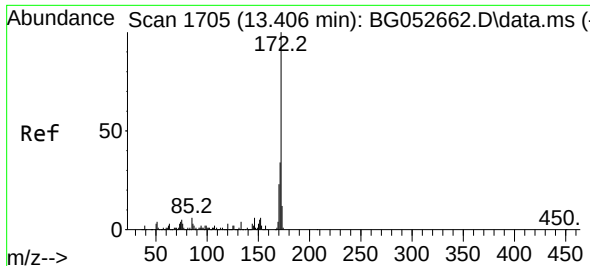


#42
2,4,6-Tribromophenol
Concen: 164.448 ng
RT: 16.230 min Scan# 2186
Delta R.T. -0.017 min
Lab File: BG053037.D
Acq: 5 Apr 2022 18:33



Tgt Ion:330 Resp: 212533
Ion Ratio Lower Upper
330 100
332 96.3 75.8 113.6
141 36.3 24.6 36.8

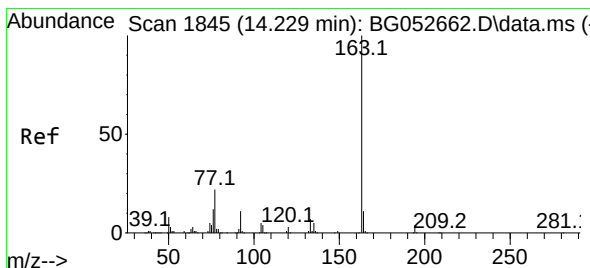
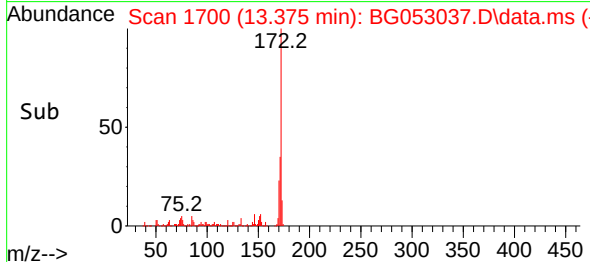
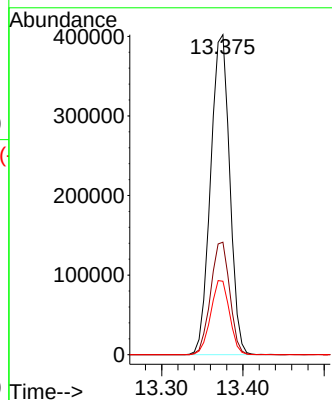
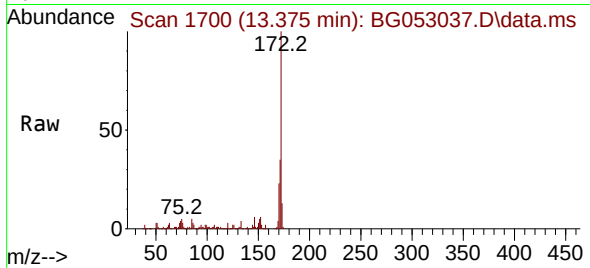




#45
2-Fluorobiphenyl
Concen: 100.667 ng
RT: 13.375 min Scan# 1
Delta R.T. -0.017 min
Lab File: BG053037.D
Acq: 5 Apr 2022 18:33

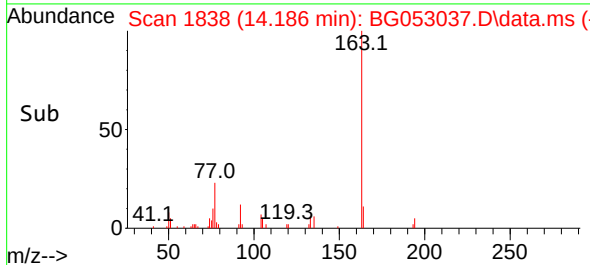
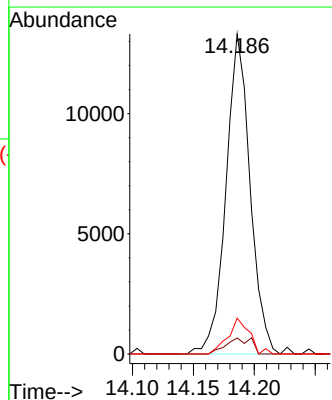
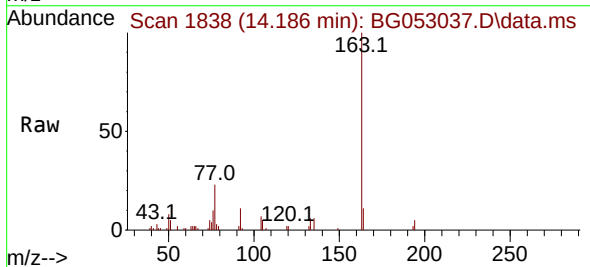
Instrument :
BNA_G
ClientSampleId :
WC-8-9-2-1

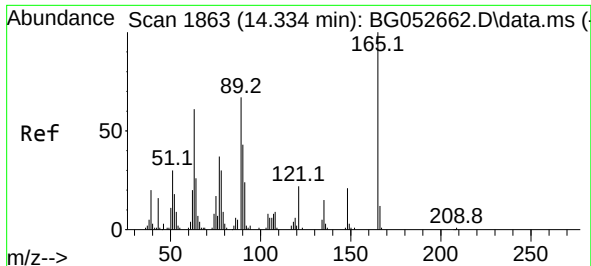
Tgt Ion:172 Resp: 656486
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 22.9 18.0 27.0



#50
Dimethylphthalate
Concen: 2.565 ng
RT: 14.186 min Scan# 1838
Delta R.T. -0.028 min
Lab File: BG053037.D
Acq: 5 Apr 2022 18:33

Tgt Ion:163 Resp: 18334
Ion Ratio Lower Upper
163 100
194 5.0 3.3 4.9#
164 11.2 8.5 12.7





#51

2,6-Dinitrotoluene

Concen: 10.025 ng

RT: 14.744 min Scan# 1933

Delta R.T. 0.418 min

Lab File: BG053037.D

Acq: 5 Apr 2022 18:33

Instrument :

BNA_G

ClientSampleId :

WC-8-9-2-1

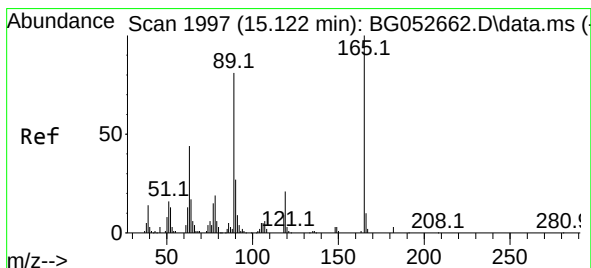
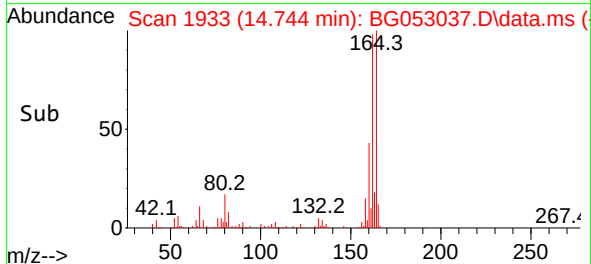
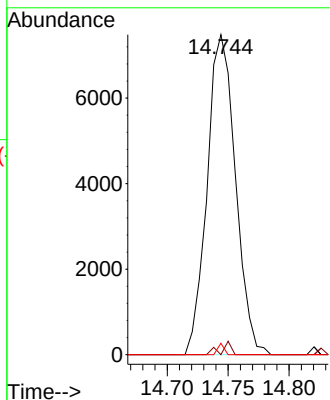
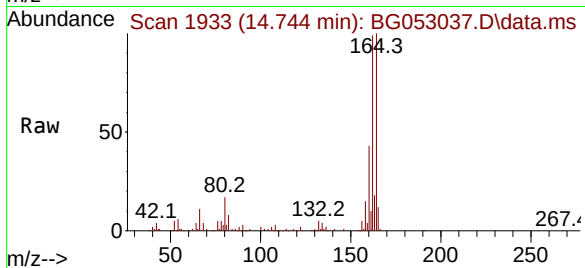
Tgt Ion:165 Resp: 12099

Ion Ratio Lower Upper

165 100

63 0.0 43.7 65.5#

89 3.6 45.0 67.4#



#57

2,4-Dinitrotoluene

Concen: 7.225 ng

RT: 14.744 min Scan# 1933

Delta R.T. -0.369 min

Lab File: BG053037.D

Acq: 5 Apr 2022 18:33

Tgt Ion:165 Resp: 12099

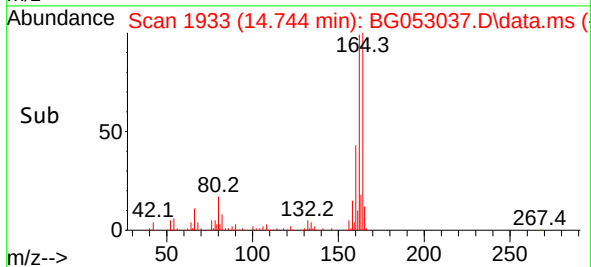
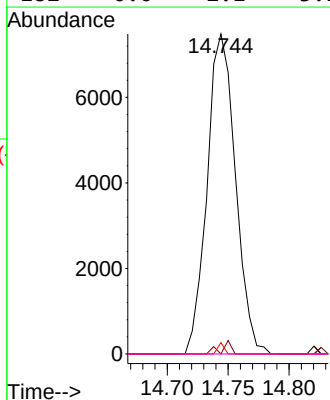
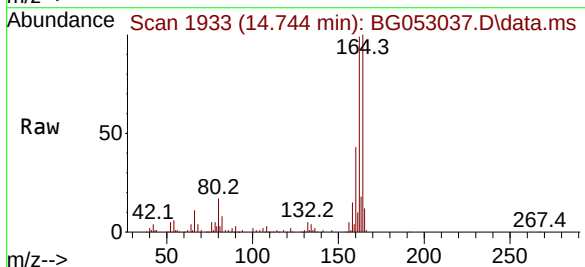
Ion Ratio Lower Upper

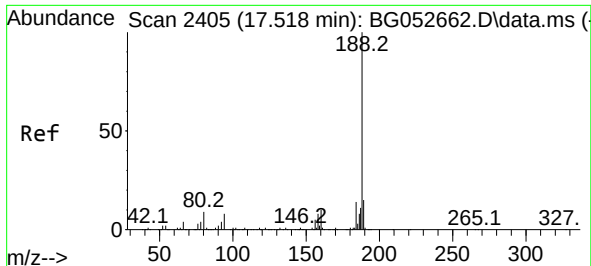
165 100

63 0.0 34.8 52.2#

89 3.6 57.4 86.0#

182 0.0 2.1 3.1#

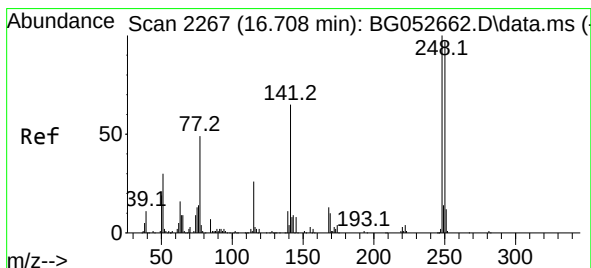
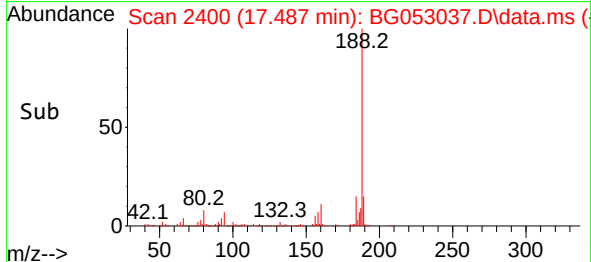
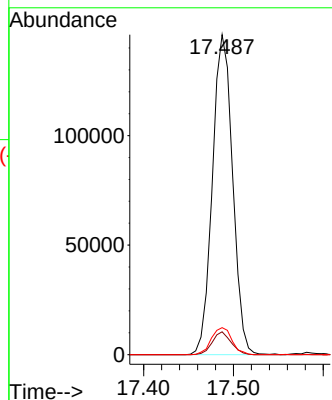
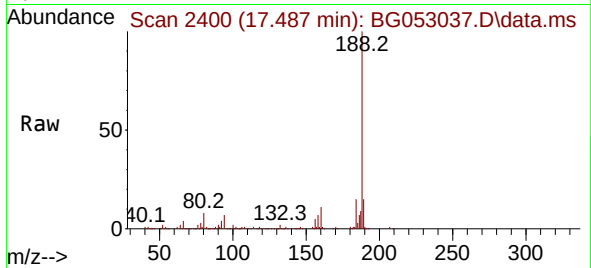




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.487 min Scan# 2405
Delta R.T. -0.017 min
Lab File: BG053037.D
Acq: 5 Apr 2022 18:33

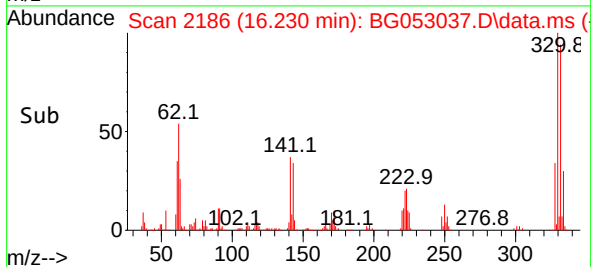
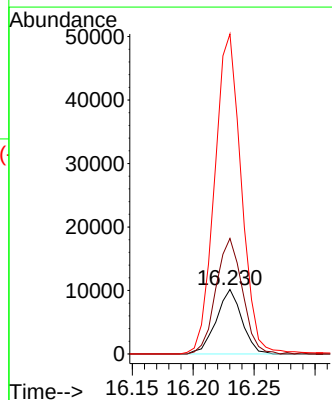
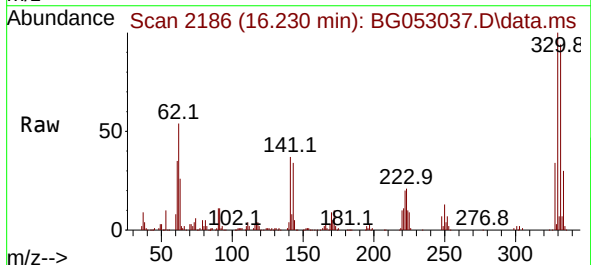
Instrument :
BNA_G
ClientSampleId :
WC-8-9-2-1

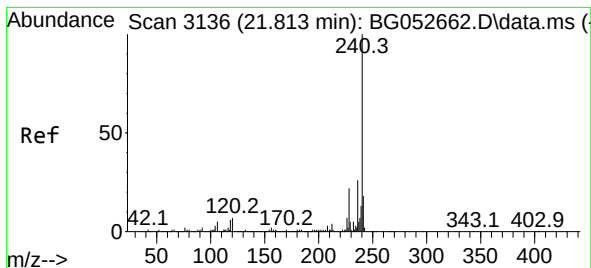
Tgt Ion:188 Resp: 228266
Ion Ratio Lower Upper
188 100
94 7.2 5.7 8.5
80 8.4 7.2 10.8



#67
4-Bromophenyl-phenylether
Concen: 5.404 ng
RT: 16.230 min Scan# 2186
Delta R.T. -0.463 min
Lab File: BG053037.D
Acq: 5 Apr 2022 18:33

Tgt Ion:248 Resp: 14873
Ion Ratio Lower Upper
248 100
250 179.4 77.9 116.9#
141 496.5 49.2 73.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.770 min Scan# 3136

Delta R.T. -0.028 min

Lab File: BG053037.D

Acq: 5 Apr 2022 18:33

Instrument :

BNA_G

ClientSampleId :

WC-8-9-2-1

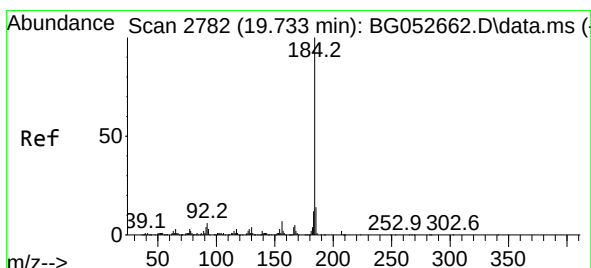
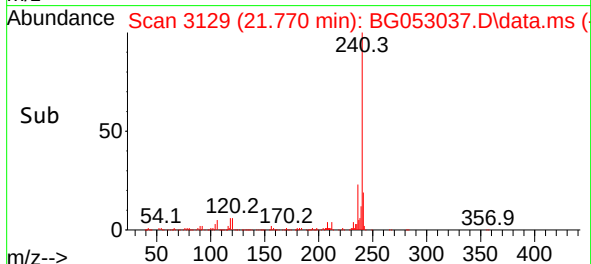
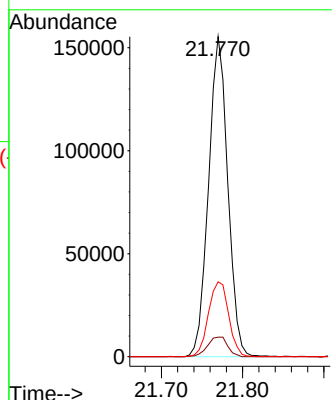
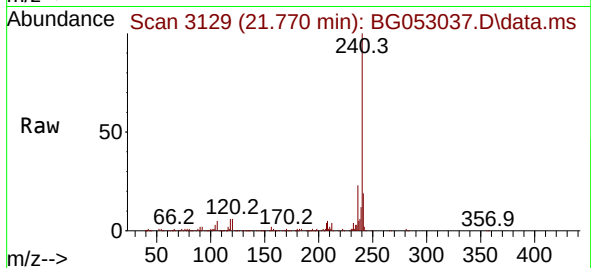
Tgt Ion:240 Resp: 254762

Ion Ratio Lower Upper

240 100

120 6.1 5.4 8.0

236 23.4 19.8 29.6



#77

Benzidine

Concen: 8.110 ng

RT: 19.708 min Scan# 2778

Delta R.T. -0.017 min

Lab File: BG053037.D

Acq: 5 Apr 2022 18:33

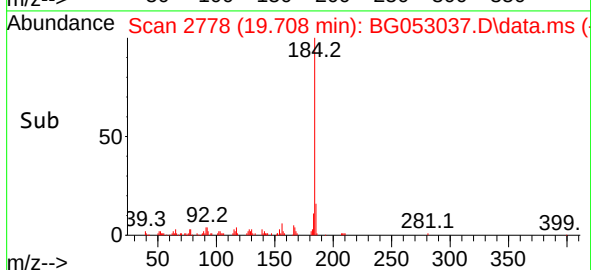
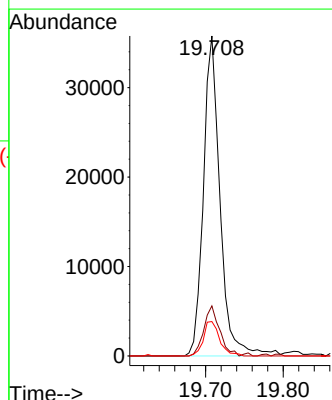
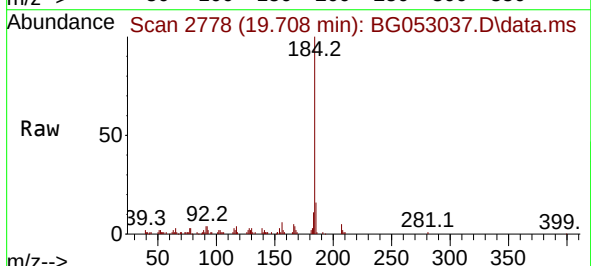
Tgt Ion:184 Resp: 53288

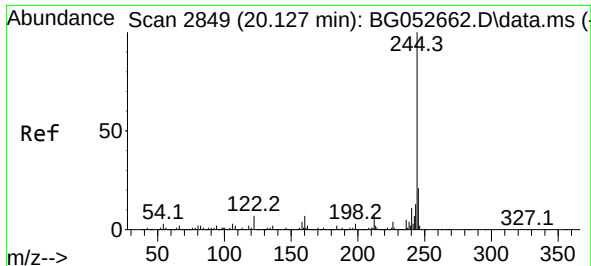
Ion Ratio Lower Upper

184 100

185 15.7 11.5 17.3

183 10.8 9.4 14.2

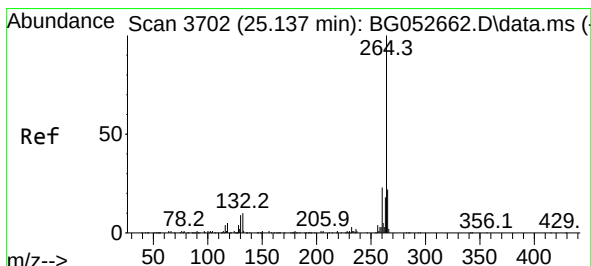
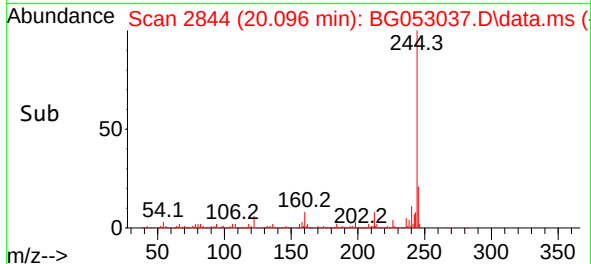
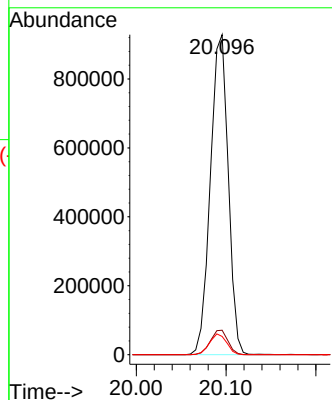
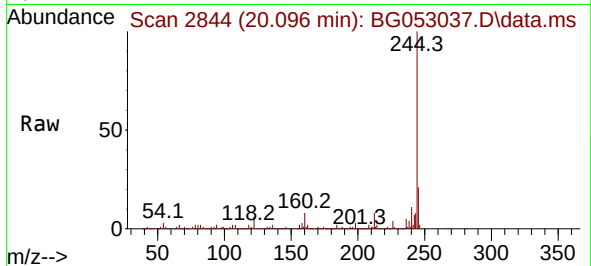




#79
 Terphenyl-d14
 Concen: 89.437 ng
 RT: 20.096 min Scan# 21
 Delta R.T. -0.017 min
 Lab File: BG053037.D
 Acq: 5 Apr 2022 18:33

Instrument :
 BNA_G
 ClientSampleId :
 WC-8-9-2-1

Tgt Ion:244 Resp: 1280891
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.4 8.2
 122 5.7 5.8 8.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.071 min Scan# 3691
 Delta R.T. -0.040 min
 Lab File: BG053037.D
 Acq: 5 Apr 2022 18:33

Tgt Ion:264 Resp: 257007
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.2 27.2
 265 22.0 15.1 22.7

