

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
 Data File : BG053038.D
 Acq On : 5 Apr 2022 19:12
 Operator : CG/JU
 Sample : N2246-10
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Apr 06 04:15:18 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)

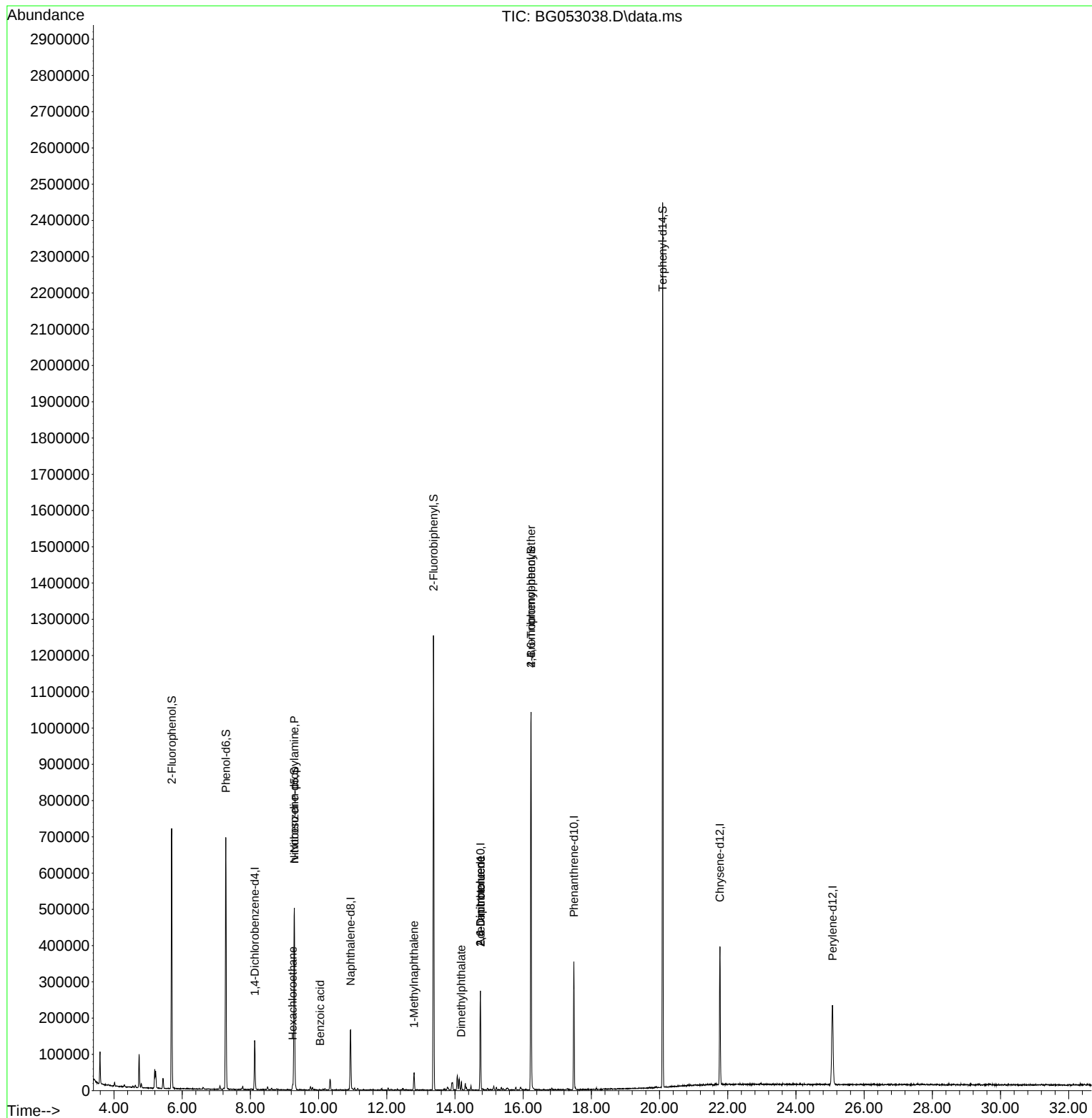
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.125	152	36050	20.000	ng	-0.02
21) Naphthalene-d8	10.939	136	137798	20.000	ng	-0.02
39) Acenaphthene-d10	14.746	164	95664	20.000	ng	-0.02
64) Phenanthrene-d10	17.489	188	224410	20.000	ng	-0.01
76) Chrysene-d12	21.772	240	249780	20.000	ng	-0.03
86) Perylene-d12	25.073	264	255421	20.000	ng	#-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	283297	136.856	ng	0.00
7) Phenol-d6	7.280	99	369859	118.514	ng	0.00
23) Nitrobenzene-d5	9.289	82	320830	116.856	ng	-0.01
42) 2,4,6-Tribromophenol	16.232	330	207158	161.154	ng	-0.01
45) 2-Fluorobiphenyl	13.371	172	648239	99.939	ng	-0.02
79) Terphenyl-d14	20.092	244	1230029	87.598	ng	-0.02
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.280	77	898	Below Cal	#	5
18) Hexachloroethane	9.242	117	2000	2.072	ng	# 1
19) n-Nitroso-di-n-propyla...	9.289	70	45218	20.458	ng	# 83
32) Benzoic acid	10.046	122	61	5.710	ng	# 1
38) 1-Methylnaphthalene	12.801	142	20865	4.097	ng	# 81
50) Dimethylphthalate	14.188	163	14331	2.016	ng	# 96
51) 2,6-Dinitrotoluene	14.746	165	12576	10.476	ng	# 25
57) 2,4-Dinitrotoluene	14.746	165	12576	7.551	ng	# 24
67) 4-Bromophenyl-phenylether	16.232	248	14499	5.359	ng	# 1

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

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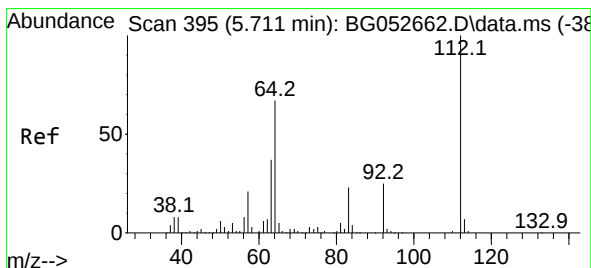
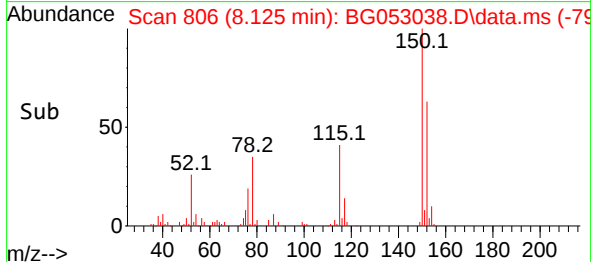
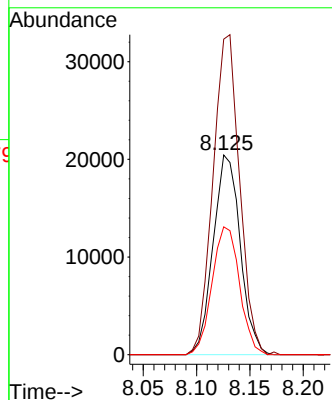
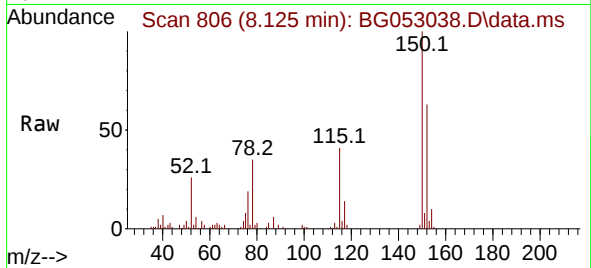




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.125 min Scan# 80
Delta R.T. -0.021 min
Lab File: BG053038.D
Acq: 5 Apr 2022 19:12

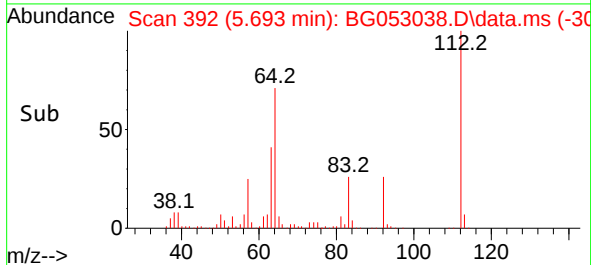
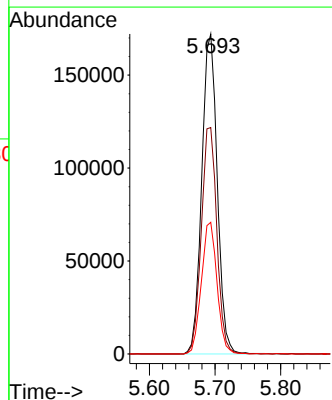
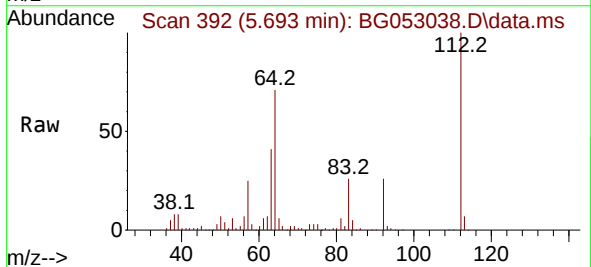
Instrument :
BNA_G
ClientSampleId :
WC-8-9-2-2

Tgt Ion:152 Resp: 36050
Ion Ratio Lower Upper
152 100
150 158.1 114.6 172.0
115 64.0 45.9 68.9



#5
2-Fluorophenol
Concen: 136.856 ng
RT: 5.693 min Scan# 392
Delta R.T. -0.003 min
Lab File: BG053038.D
Acq: 5 Apr 2022 19:12

Tgt Ion:112 Resp: 283297
Ion Ratio Lower Upper
112 100
64 70.8 48.0 72.0
63 41.1 26.5 39.7#

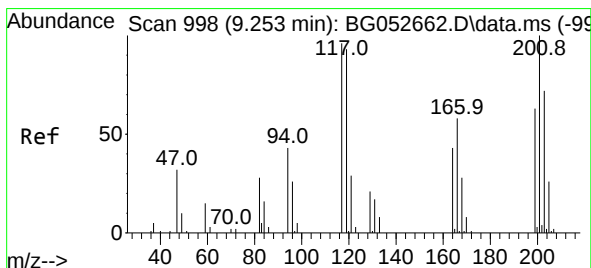
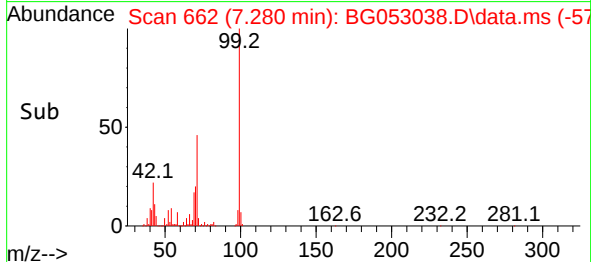
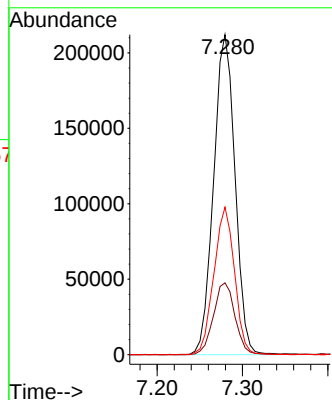
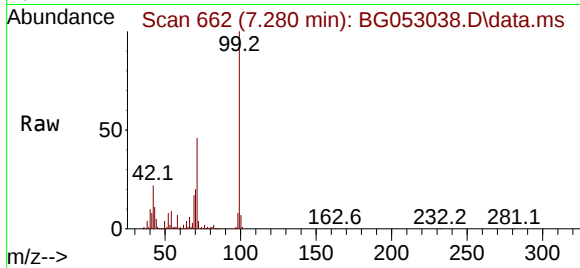




#7
Phenol-d6
Concen: 118.514 ng
RT: 7.280 min Scan# 60
Delta R.T. -0.009 min
Lab File: BG053038.D
Acq: 5 Apr 2022 19:12

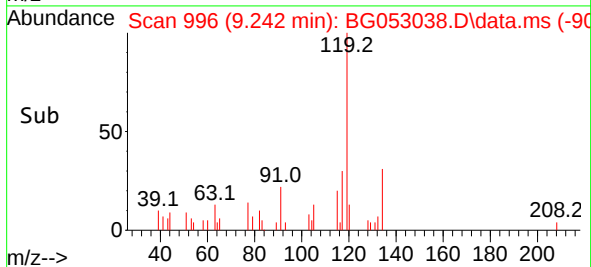
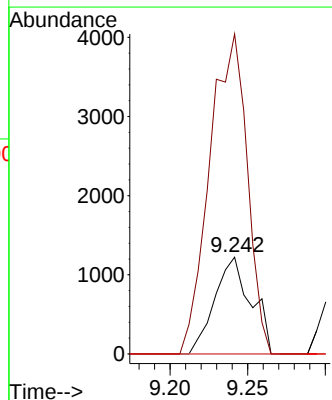
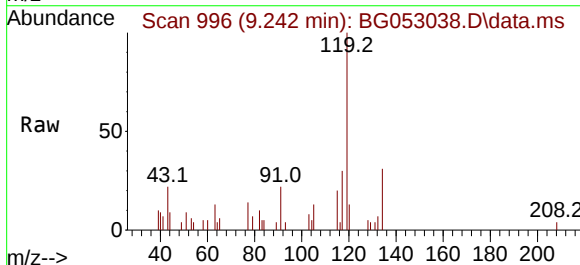
Instrument :
BNA_G
ClientSampleId :
WC-8-9-2-2

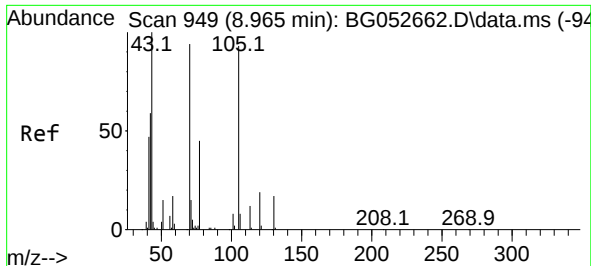
Tgt Ion: 99 Resp: 369859
Ion Ratio Lower Upper
99 100
42 22.4 14.7 22.1#
71 46.1 29.2 43.8#



#18
Hexachloroethane
Concen: 2.072 ng
RT: 9.242 min Scan# 996
Delta R.T. 0.009 min
Lab File: BG053038.D
Acq: 5 Apr 2022 19:12

Tgt Ion: 117 Resp: 2000
Ion Ratio Lower Upper
117 100
119 330.3 75.1 112.7#
201 0.0 96.6 145.0#

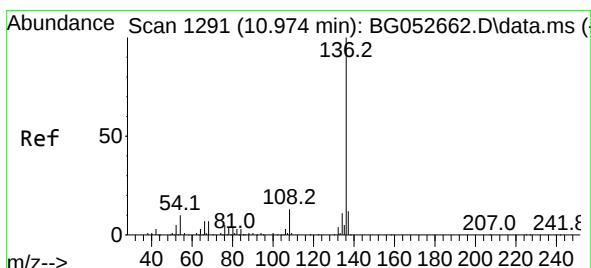
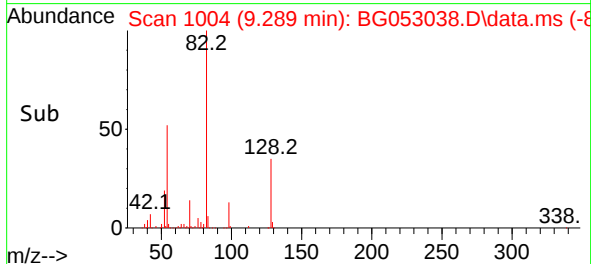
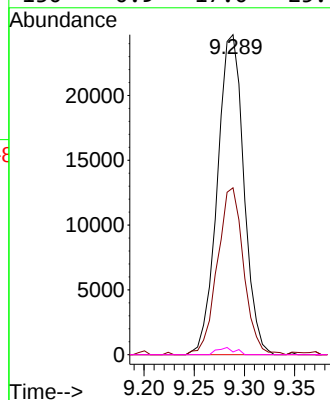
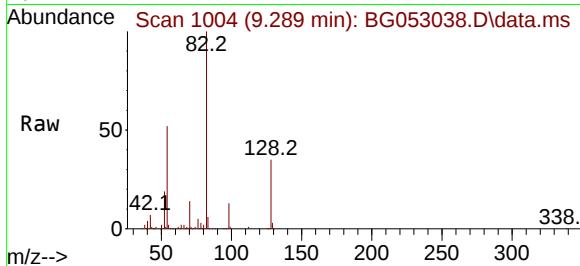




#19
n-Nitroso-di-n-propylamine
Concen: 20.458 ng
RT: 9.289 min Scan# 1004
Delta R.T. 0.344 min
Lab File: BG053038.D
Acq: 5 Apr 2022 19:12

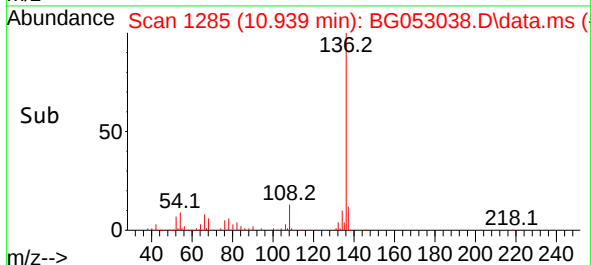
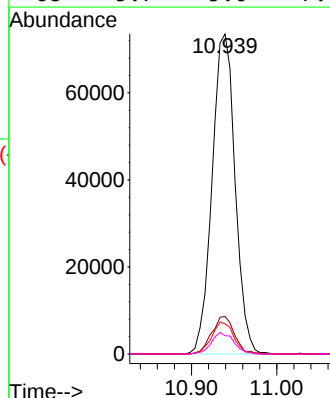
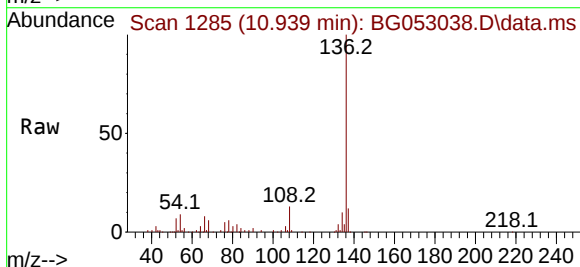
Instrument :
BNA_G
ClientSampleId :
WC-8-9-2-2

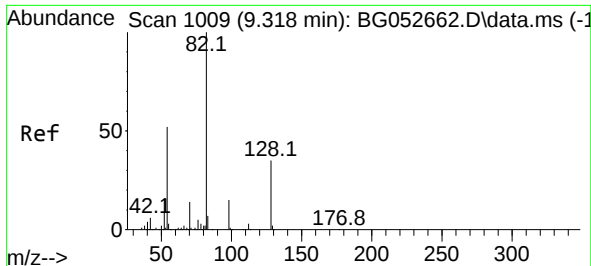
Tgt Ion: 70 Resp: 45218
Ion Ratio Lower Upper
70 100
42 52.2 46.0 69.0
101 0.0 6.2 9.4#
130 0.9 17.0 25.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.939 min Scan# 1285
Delta R.T. -0.021 min
Lab File: BG053038.D
Acq: 5 Apr 2022 19:12

Tgt Ion: 136 Resp: 137798
Ion Ratio Lower Upper
136 100
137 11.8 9.4 14.2
54 9.4 6.4 9.6
68 5.7 5.0 7.6





#23

Nitrobenzene-d5

Concen: 116.856 ng

RT: 9.289 min Scan# 1004

Delta R.T. -0.015 min

Lab File: BG053038.D

Acq: 5 Apr 2022 19:12

Instrument :

BNA_G

ClientSampleId :

WC-8-9-2-2

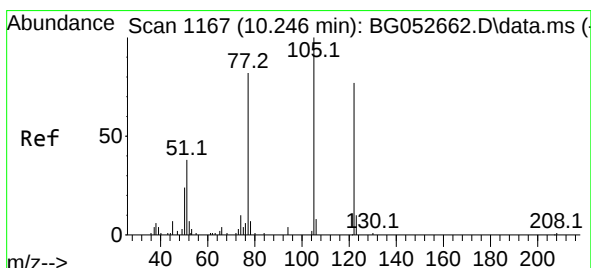
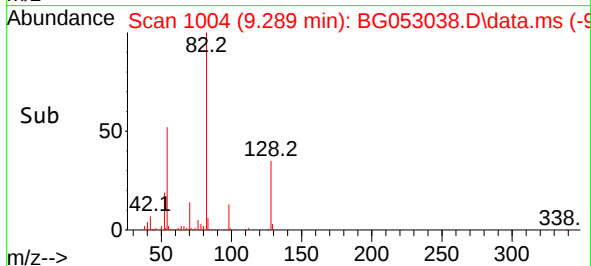
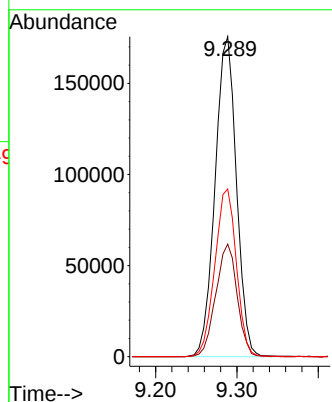
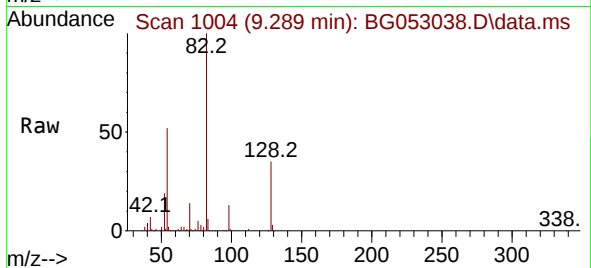
Tgt Ion: 82 Resp: 320830

Ion Ratio Lower Upper

82 100

128 35.2 31.3 46.9

54 52.4 37.8 56.8



#32

Benzoic acid

Concen: 5.710 ng

RT: 10.046 min Scan# 1133

Delta R.T. -0.191 min

Lab File: BG053038.D

Acq: 5 Apr 2022 19:12

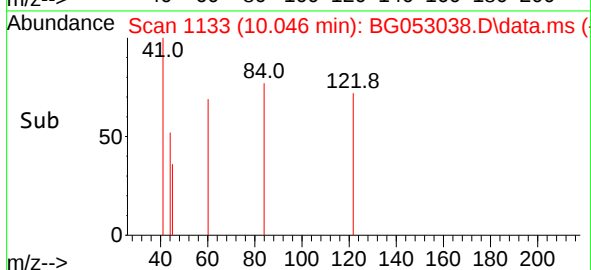
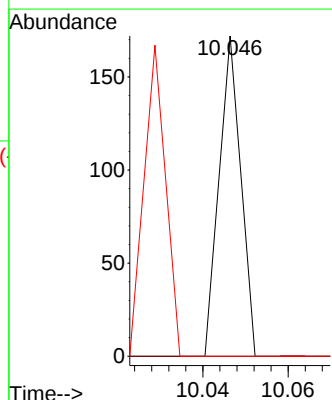
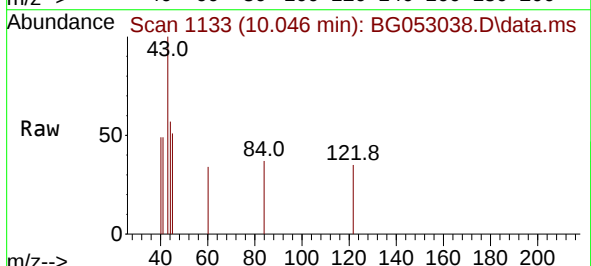
Tgt Ion: 122 Resp: 61

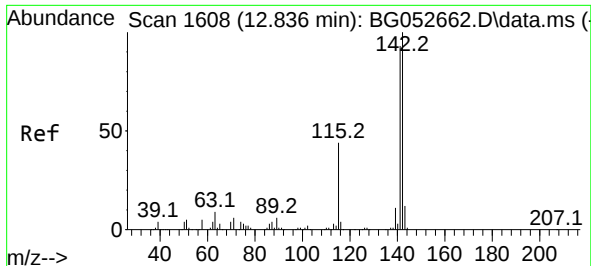
Ion Ratio Lower Upper

122 100

105 0.0 112.8 152.8#

77 0.0 78.4 118.4#

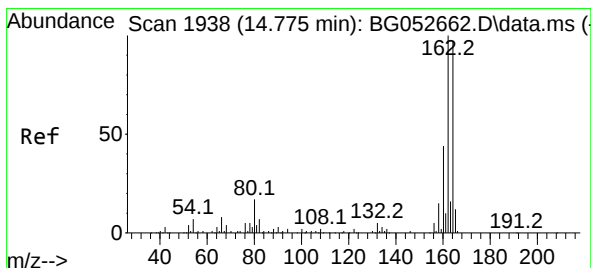
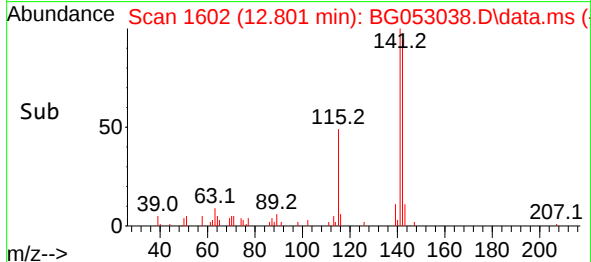
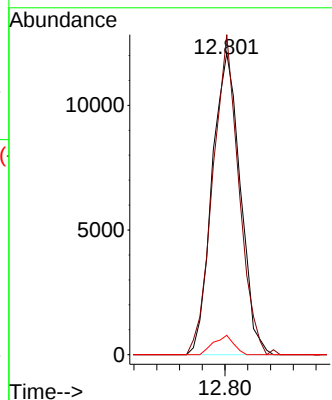
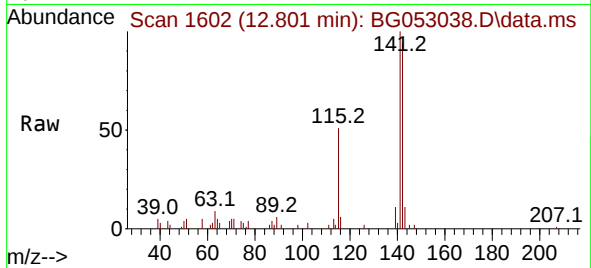




#38
1-Methylnaphthalene
Concen: 4.097 ng
RT: 12.801 min Scan# 1
Delta R.T. -0.021 min
Lab File: BG053038.D
Acq: 5 Apr 2022 19:12

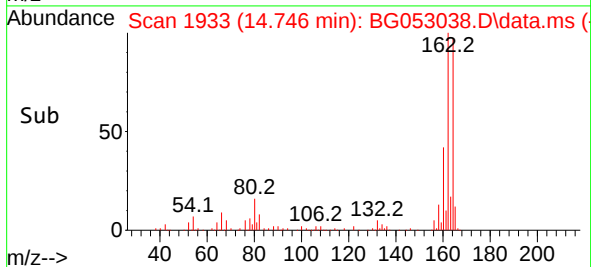
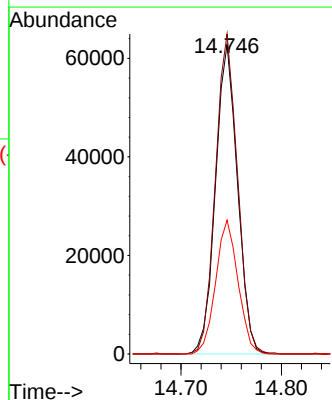
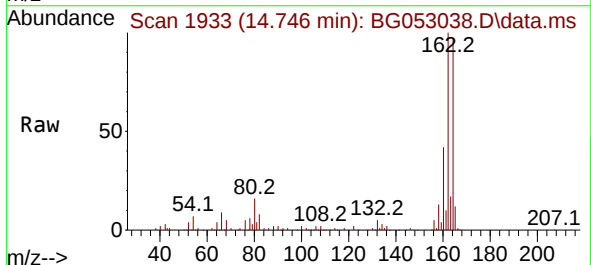
Instrument :
BNA_G
ClientSampleId :
WC-8-9-2-2

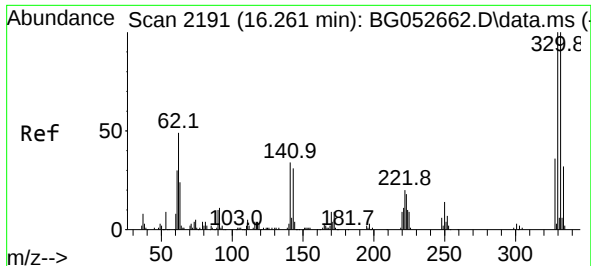
Tgt Ion:142 Resp: 20865
Ion Ratio Lower Upper
142 100
141 106.1 70.5 105.7#
116 6.4 3.1 4.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.746 min Scan# 1933
Delta R.T. -0.021 min
Lab File: BG053038.D
Acq: 5 Apr 2022 19:12

Tgt Ion:164 Resp: 95664
Ion Ratio Lower Upper
164 100
162 103.4 80.0 120.0
160 43.2 38.8 58.2

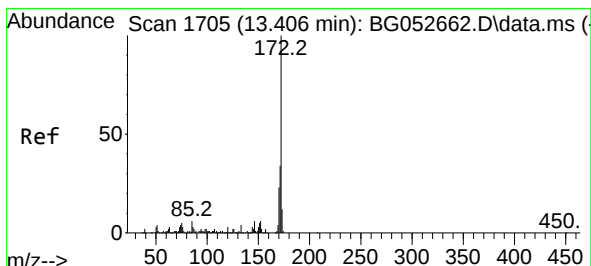
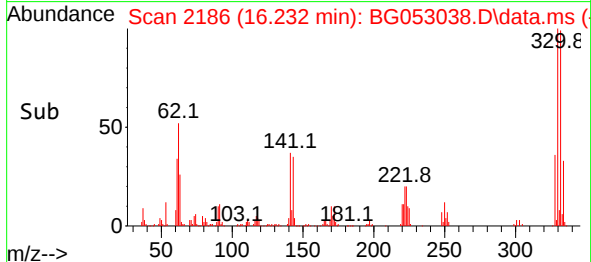
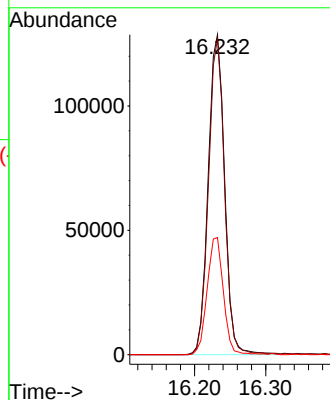
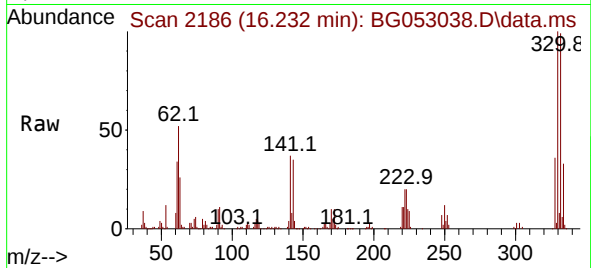




#42
 2,4,6-Tribromophenol
 Concen: 161.154 ng
 RT: 16.232 min Scan# 2191
 Delta R.T. -0.015 min
 Lab File: BG053038.D
 Acq: 5 Apr 2022 19:12

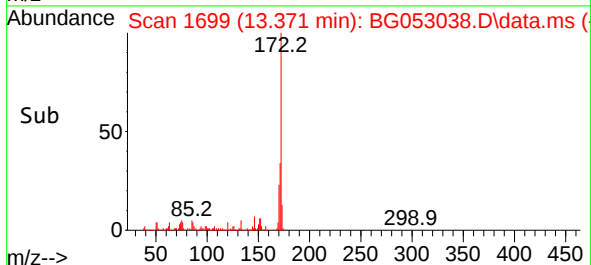
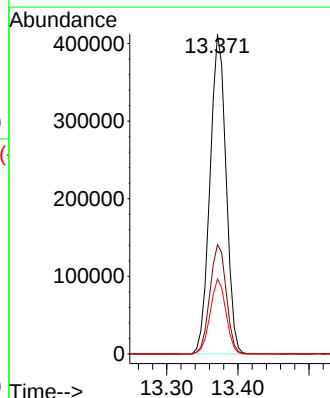
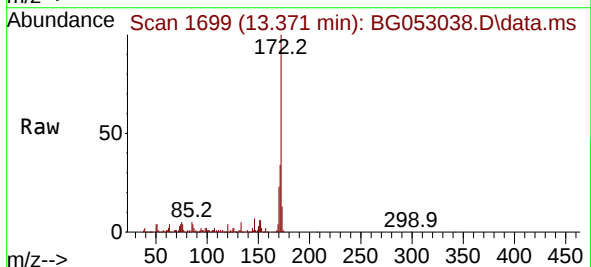
Instrument :
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 WC-8-9-2-2

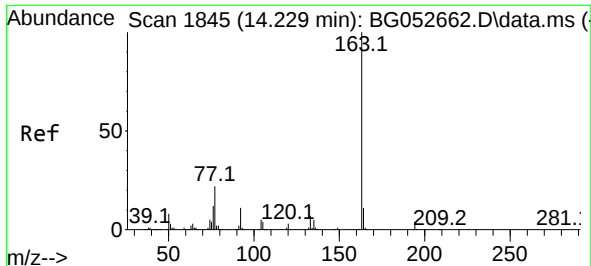
Tgt Ion:330 Resp: 207158
 Ion Ratio Lower Upper
 330 100
 332 96.7 75.8 113.6
 141 36.4 24.6 36.8



#45
 2-Fluorobiphenyl
 Concen: 99.939 ng
 RT: 13.371 min Scan# 1699
 Delta R.T. -0.021 min
 Lab File: BG053038.D
 Acq: 5 Apr 2022 19:12

Tgt Ion:172 Resp: 648239
 Ion Ratio Lower Upper
 172 100
 171 34.2 28.3 42.5
 170 23.4 18.0 27.0

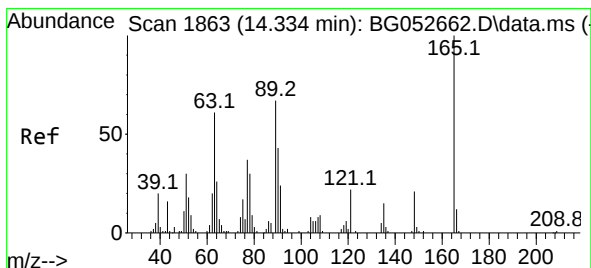
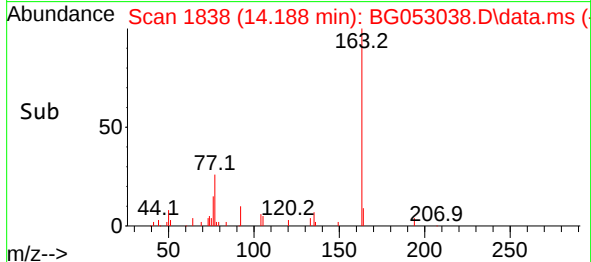
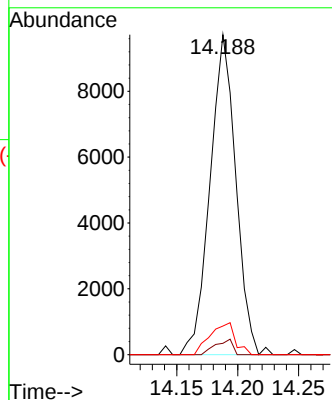
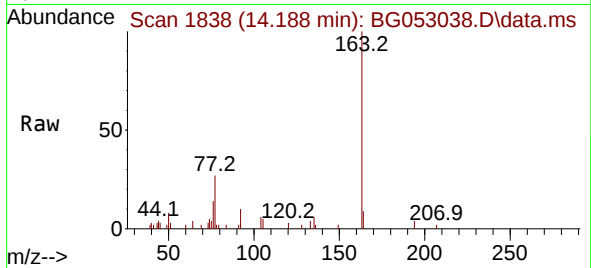




#50
Dimethylphthalate
Concen: 2.016 ng
RT: 14.188 min Scan# 1
Delta R.T. -0.027 min
Lab File: BG053038.D
Acq: 5 Apr 2022 19:12

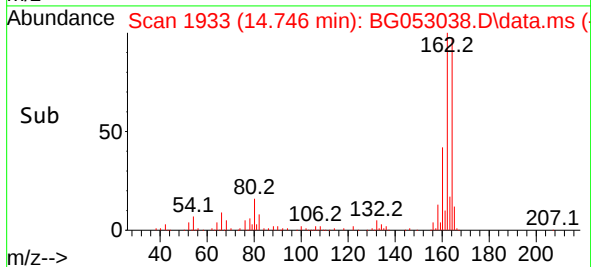
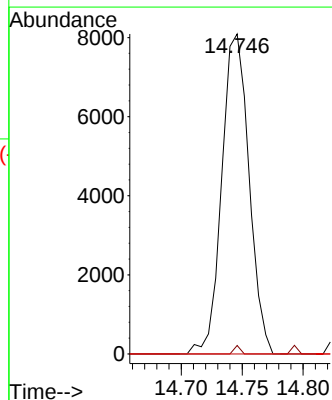
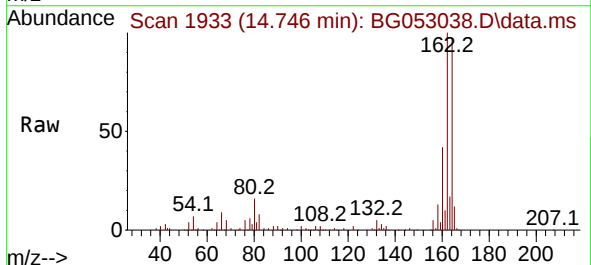
Instrument :
BNA_G
ClientSampleId :
WC-8-9-2-2

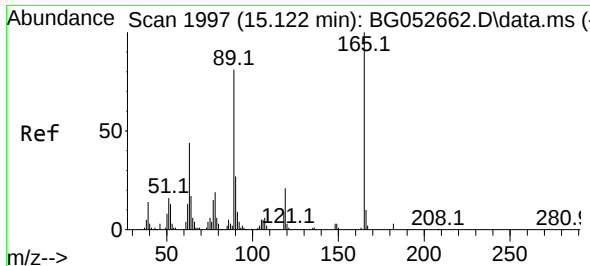
Tgt Ion:163 Resp: 14331
Ion Ratio Lower Upper
163 100
194 3.6 3.3 4.9
164 9.0 8.5 12.7



#51
2,6-Dinitrotoluene
Concen: 10.476 ng
RT: 14.746 min Scan# 1933
Delta R.T. 0.420 min
Lab File: BG053038.D
Acq: 5 Apr 2022 19:12

Tgt Ion:165 Resp: 12576
Ion Ratio Lower Upper
165 100
63 2.7 43.7 65.5#
89 0.0 45.0 67.4#

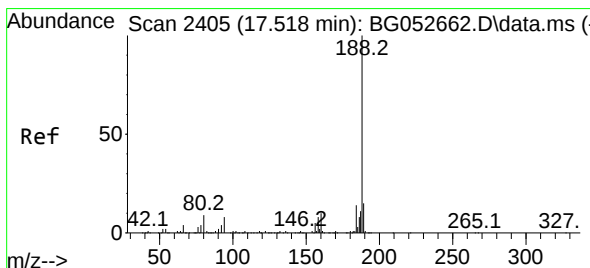
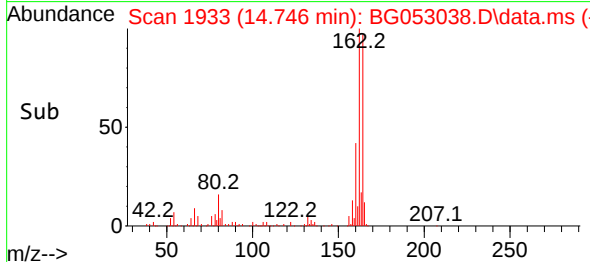
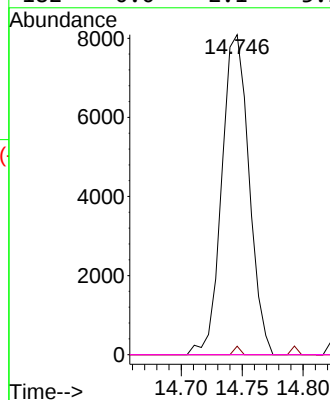
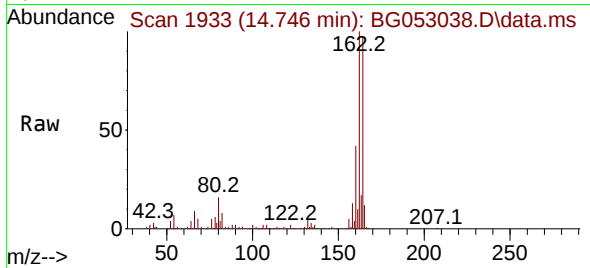




#57
 2,4-Dinitrotoluene
 Concen: 7.551 ng
 RT: 14.746 min Scan# 1997
 Delta R.T. -0.367 min
 Lab File: BG053038.D
 Acq: 5 Apr 2022 19:12

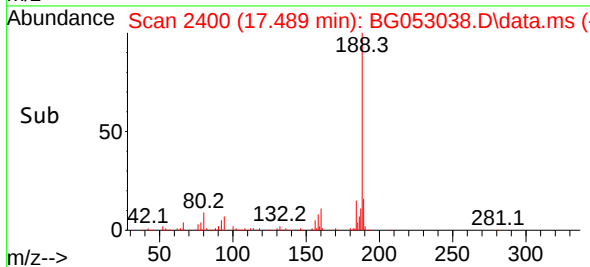
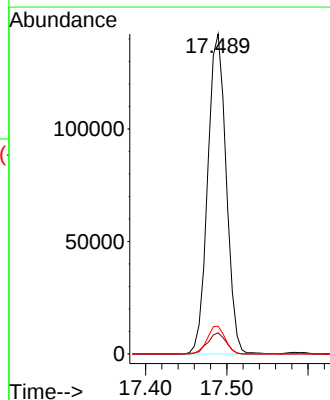
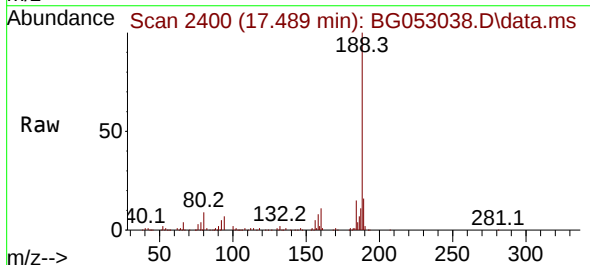
Instrument :
 BNA_G
 ClientSampleId :
 WC-8-9-2-2

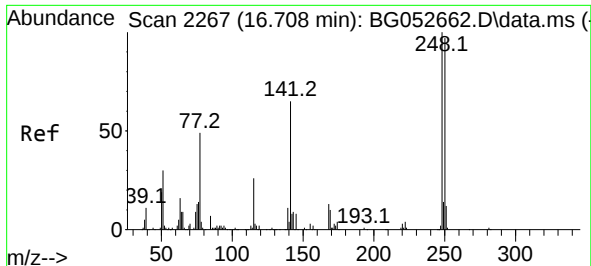
Tgt Ion:165 Resp: 12576
 Ion Ratio Lower Upper
 165 100
 63 2.7 34.8 52.2#
 89 0.0 57.4 86.0#
 182 0.0 2.1 3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.489 min Scan# 2400
 Delta R.T. -0.015 min
 Lab File: BG053038.D
 Acq: 5 Apr 2022 19:12

Tgt Ion:188 Resp: 224410
 Ion Ratio Lower Upper
 188 100
 94 6.6 5.7 8.5
 80 8.7 7.2 10.8

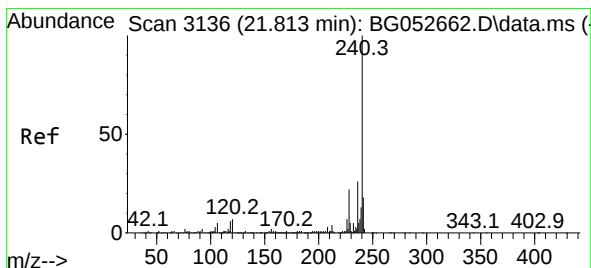
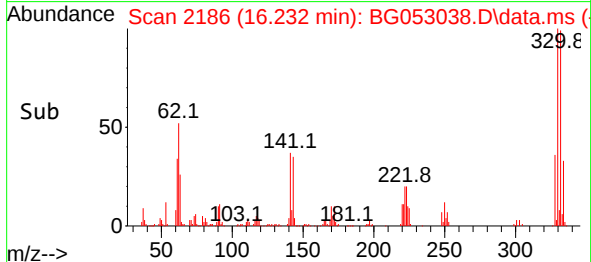
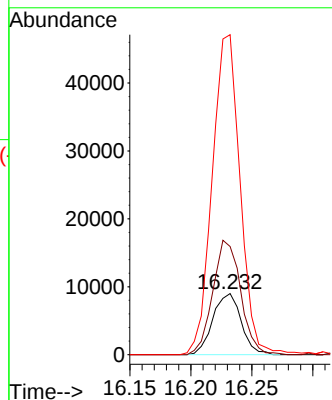
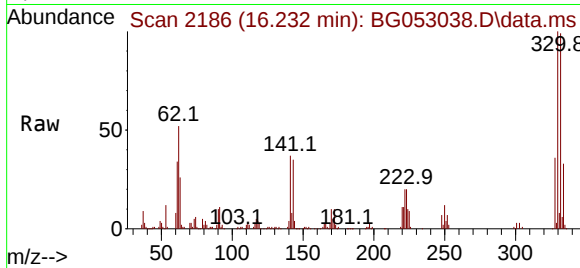




#67
4-Bromophenyl-phenylether
Concen: 5.359 ng
RT: 16.232 min Scan# 2186
Delta R.T. -0.461 min
Lab File: BG053038.D
Acq: 5 Apr 2022 19:12

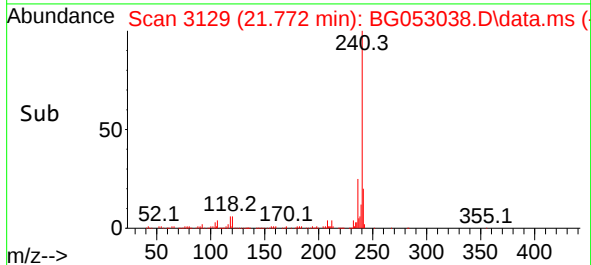
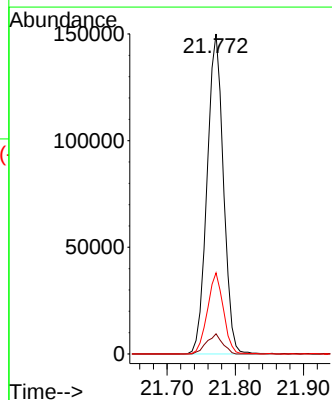
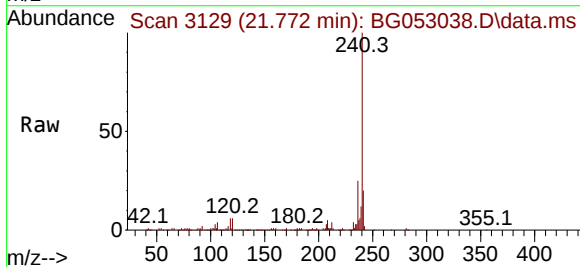
Instrument :
BNA_G
ClientSampleId :
WC-8-9-2-2

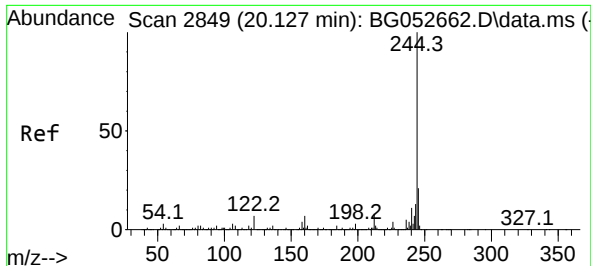
Tgt Ion:248 Resp: 14499
Ion Ratio Lower Upper
248 100
250 176.9 77.9 116.9#
141 523.4 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.772 min Scan# 3129
Delta R.T. -0.027 min
Lab File: BG053038.D
Acq: 5 Apr 2022 19:12

Tgt Ion:240 Resp: 249780
Ion Ratio Lower Upper
240 100
120 6.3 5.4 8.0
236 25.4 19.8 29.6

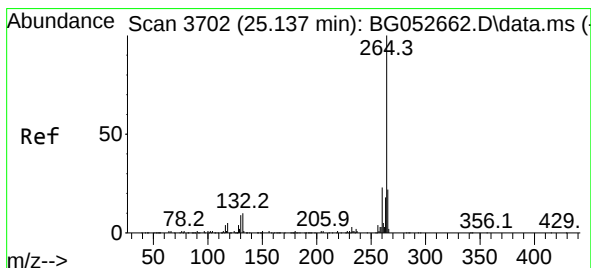
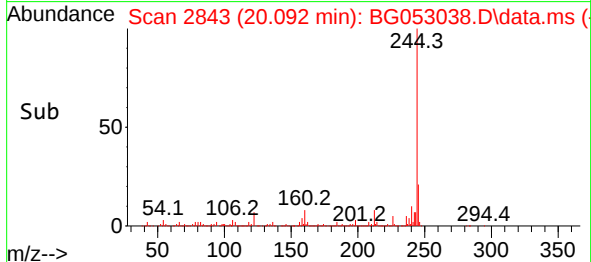
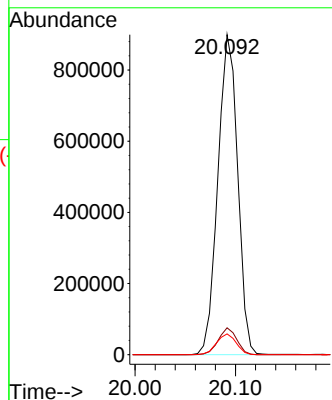
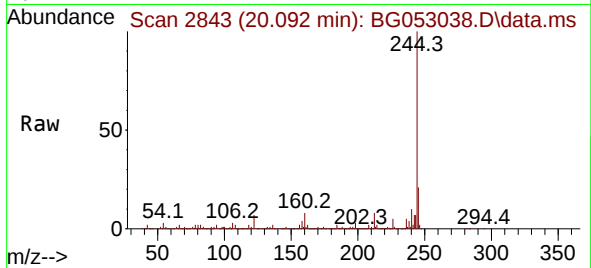




#79
 Terphenyl-d14
 Concen: 87.598 ng
 RT: 20.092 min Scan# 21
 Delta R.T. -0.021 min
 Lab File: BG053038.D
 Acq: 5 Apr 2022 19:12

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

Tgt Ion:244 Resp: 1230029
 Ion Ratio Lower Upper
 244 100
 212 8.4 5.4 8.2#
 122 6.5 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.073 min Scan# 3691
 Delta R.T. -0.038 min
 Lab File: BG053038.D
 Acq: 5 Apr 2022 19:12

Tgt Ion:264 Resp: 255421
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.2 27.2
 265 23.0 15.1 22.7#

