

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122922\
 Data File : BG056154.D
 Acq On : 29 Dec 2022 14:49
 Operator : CG/JU
 Sample : N6226-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-1

Quant Time: Dec 30 04:05:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 05:20:14 2022
 Response via : Initial Calibration

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

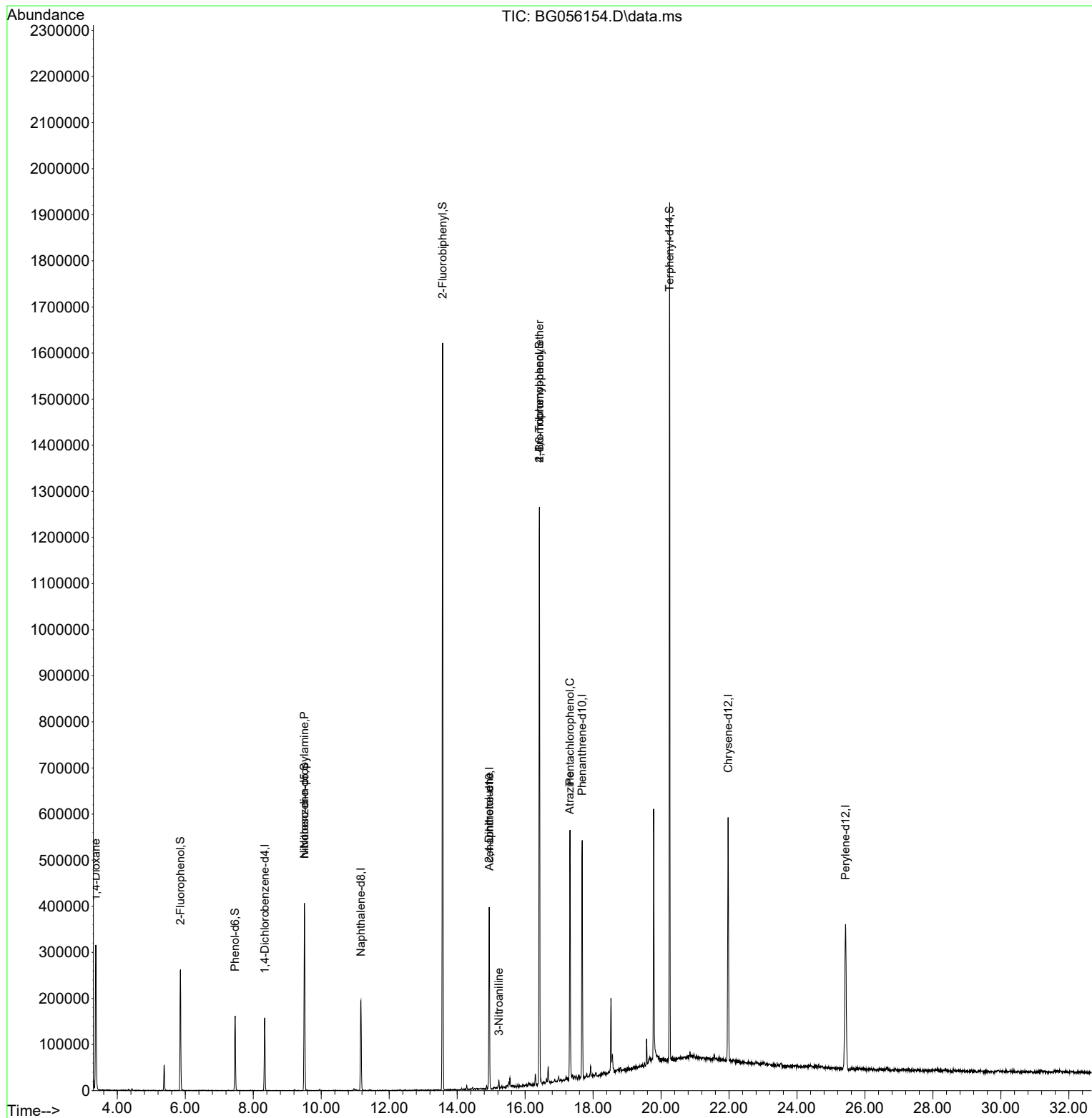
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.338	152	52221	20.000	ng	0.00
21) Naphthalene-d8	11.170	136	184056	20.000	ng	0.00
39) Acenaphthene-d10	14.948	164	149825	20.000	ng	0.00
64) Phenanthrene-d10	17.680	188	370135	20.000	ng	0.00
76) Chrysene-d12	21.975	240	361636	20.000	ng	0.00
86) Perylene-d12	25.429	264	396516	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.858	112	150040	51.300	ng	0.00
7) Phenol-d6	7.468	99	125858	28.021	ng	0.00
23) Nitrobenzene-d5	9.507	82	287639	79.939	ng	0.00
42) 2,4,6-Tribromophenol	16.422	330	254186	133.958	ng	0.00
45) 2-Fluorobiphenyl	13.573	172	916696	84.489	ng	0.00
79) Terphenyl-d14	20.253	244	1002170	49.634	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.367	88	5100	3.818	ng	# 1
19) n-Nitroso-di-n-propyla...	9.507	70	36020	13.188	ng	# 75
53) 3-Nitroaniline	15.230	138	5098	2.079	ng	# 2
57) 2,4-Dinitrotoluene	14.942	165	20034	5.558	ng	# 28
67) 4-Bromophenyl-phenylether	16.422	248	22478	4.769	ng	# 1
69) Atrazine	17.315	200	22326	5.246	ng	# 37
70) Pentachlorophenol	17.321	266	120680	35.726	ng	97

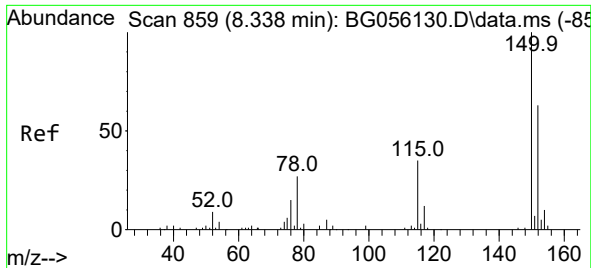
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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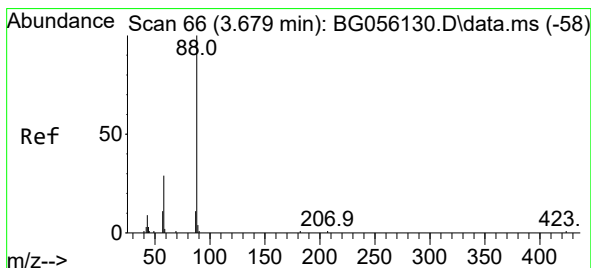
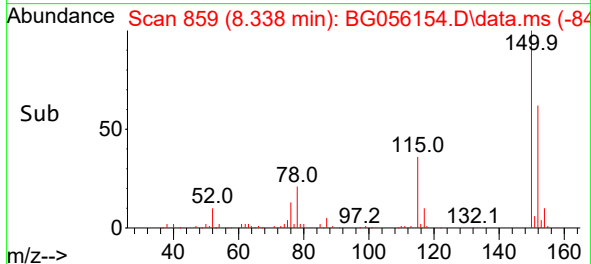
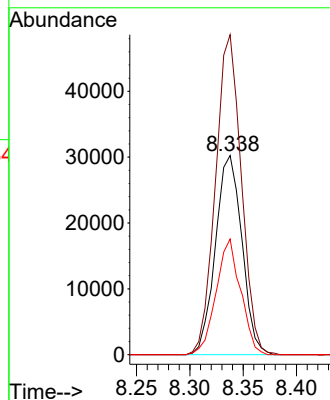
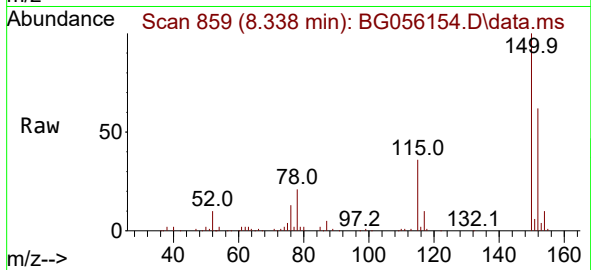




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.338 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BG056154.D
 Acq: 29 Dec 2022 14:49

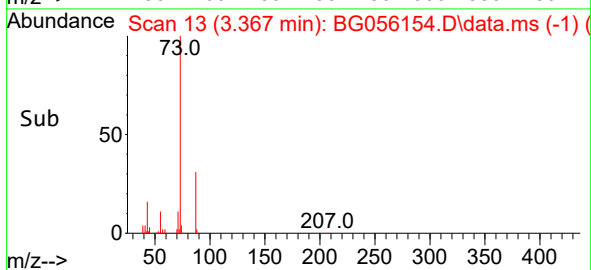
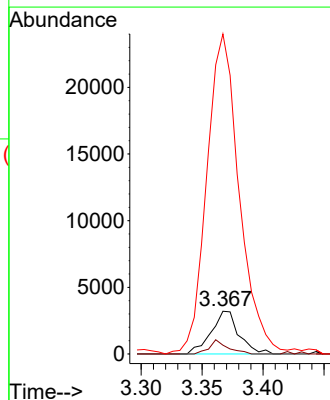
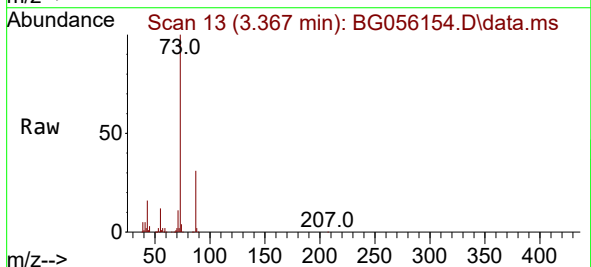
Instrument :
 BNA_G
 ClientSampleId :
 MW-1

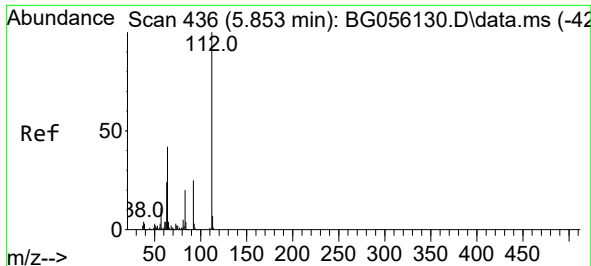
Tgt Ion:152 Resp: 52221
 Ion Ratio Lower Upper
 152 100
 150 160.6 127.9 191.9
 115 58.1 44.2 66.2



#2
 1,4-Dioxane
 Concen: 3.818 ng
 RT: 3.367 min Scan# 13
 Delta R.T. -0.312 min
 Lab File: BG056154.D
 Acq: 29 Dec 2022 14:49

Tgt Ion: 88 Resp: 5100
 Ion Ratio Lower Upper
 88 100
 58 21.5 21.4 32.0
 43 873.6 7.1 10.7#

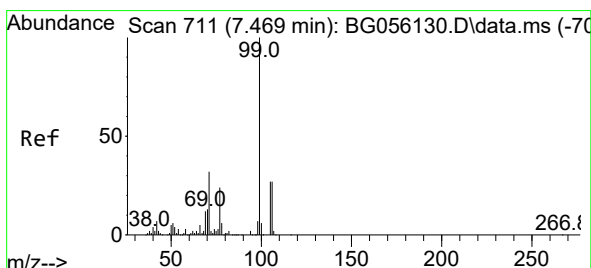
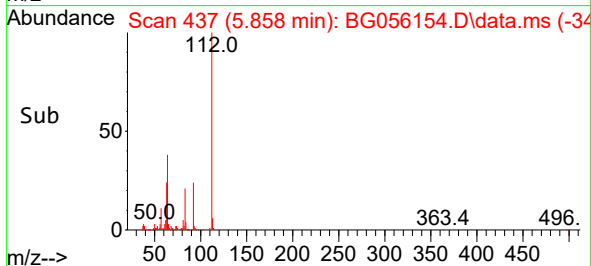
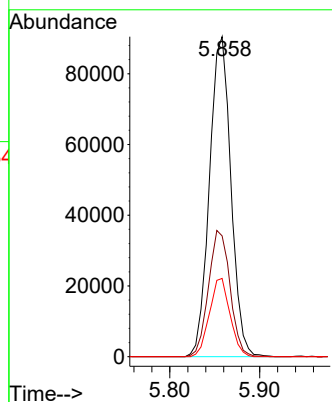
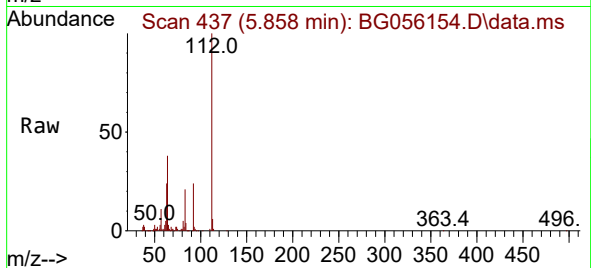




#5
2-Fluorophenol
Concen: 51.300 ng
RT: 5.858 min Scan# 41
Delta R.T. 0.005 min
Lab File: BG056154.D
Acq: 29 Dec 2022 14:49

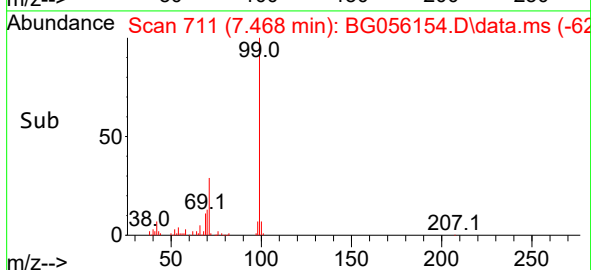
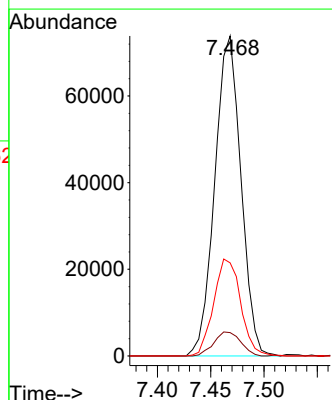
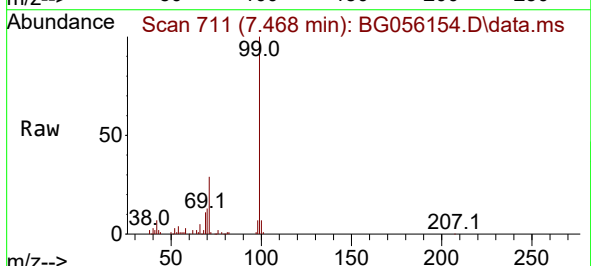
Instrument :
BNA_G
ClientSampleId :
MW-1

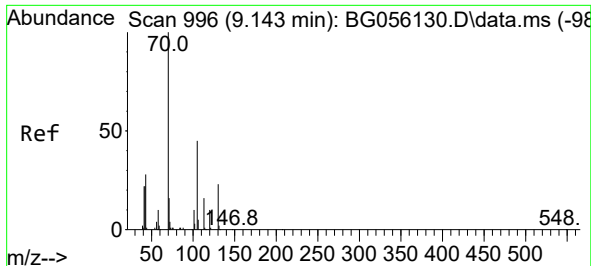
Tgt Ion:112 Resp: 150040
Ion Ratio Lower Upper
112 100
64 37.8 33.3 49.9
63 24.5 19.0 28.4



#7
Phenol-d6
Concen: 28.021 ng
RT: 7.468 min Scan# 711
Delta R.T. -0.000 min
Lab File: BG056154.D
Acq: 29 Dec 2022 14:49

Tgt Ion: 99 Resp: 125858
Ion Ratio Lower Upper
99 100
42 7.3 5.9 8.9
71 29.1 25.4 38.2

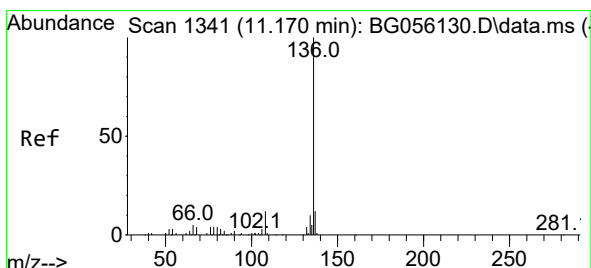
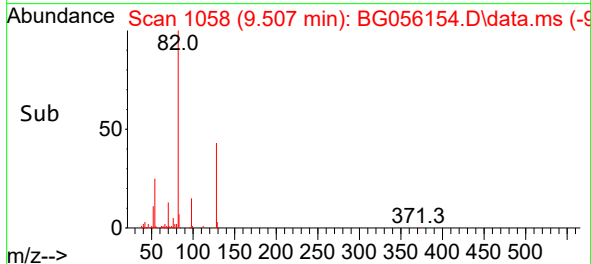
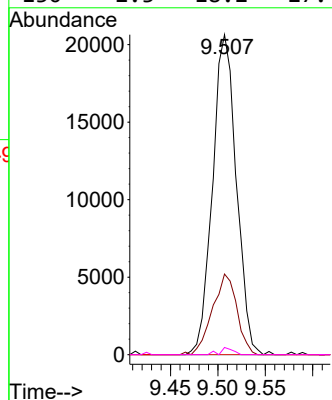
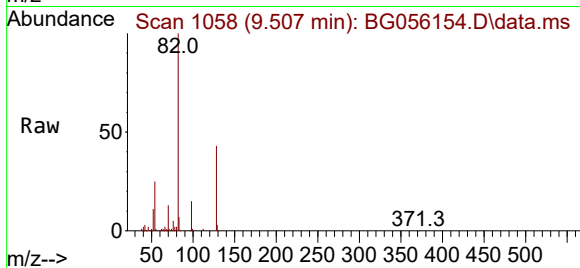




#19
n-Nitroso-di-n-propylamine
Concen: 13.188 ng
RT: 9.507 min Scan# 1058
Delta R.T. 0.364 min
Lab File: BG056154.D
Acq: 29 Dec 2022 14:49

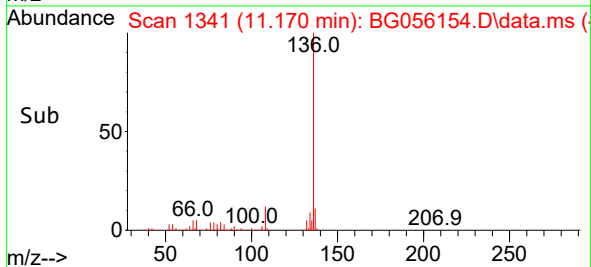
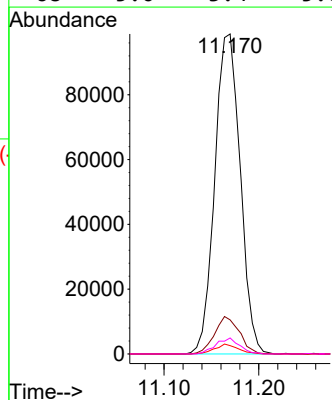
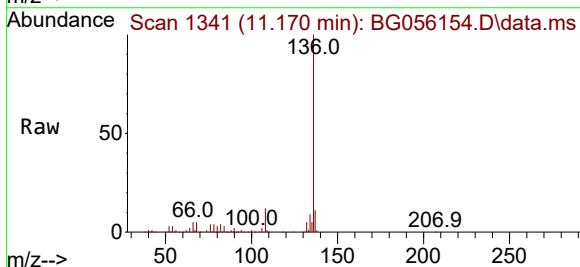
Instrument :
BNA_G
ClientSampleId :
MW-1

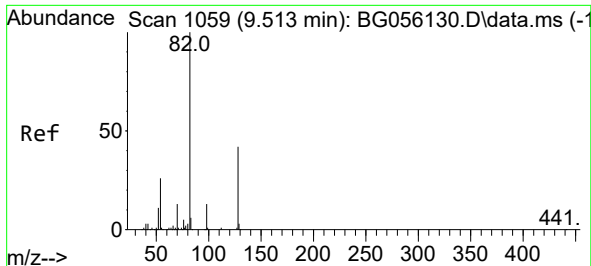
Tgt Ion:	70	Resp:	36020
Ion	Ratio	Lower	Upper
70	100		
42	25.2	18.2	27.2
101	0.0	8.3	12.5#
130	2.3	18.2	27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.170 min Scan# 1341
Delta R.T. -0.000 min
Lab File: BG056154.D
Acq: 29 Dec 2022 14:49

Tgt Ion:	136	Resp:	184056
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.4	14.0
54	2.6	2.2	3.2
68	5.0	3.4	5.0





#23

Nitrobenzene-d5

Concen: 79.939 ng

RT: 9.507 min Scan# 1058

Delta R.T. -0.006 min

Lab File: BG056154.D

Acq: 29 Dec 2022 14:49

Instrument :

BNA_G

ClientSampleId :

MW-1

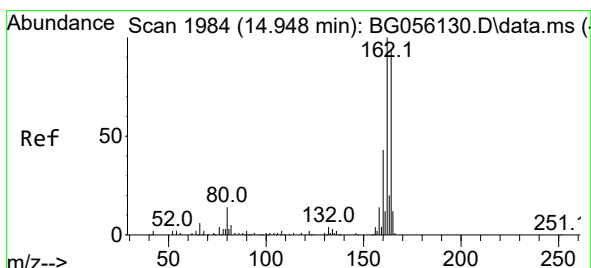
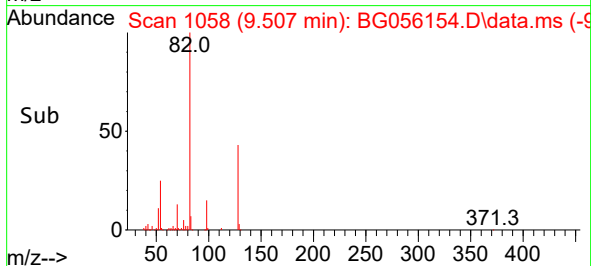
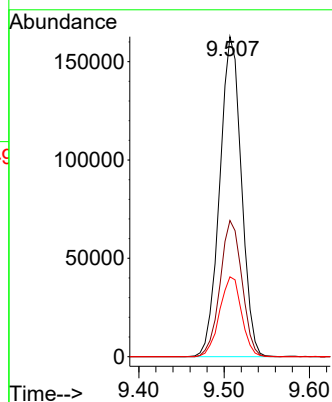
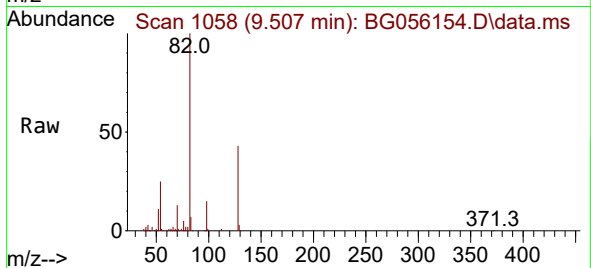
Tgt Ion: 82 Resp: 287639

Ion Ratio Lower Upper

82 100

128 42.5 33.4 50.2

54 24.9 20.3 30.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.948 min Scan# 1984

Delta R.T. -0.001 min

Lab File: BG056154.D

Acq: 29 Dec 2022 14:49

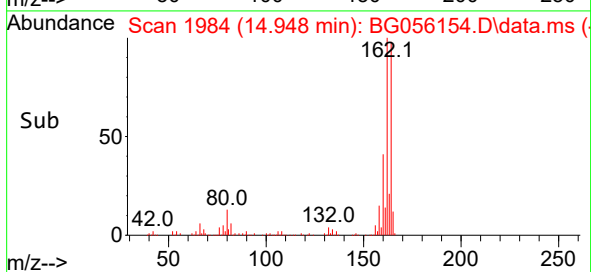
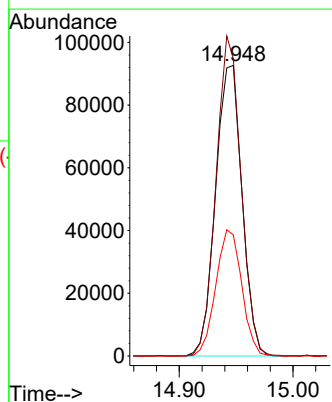
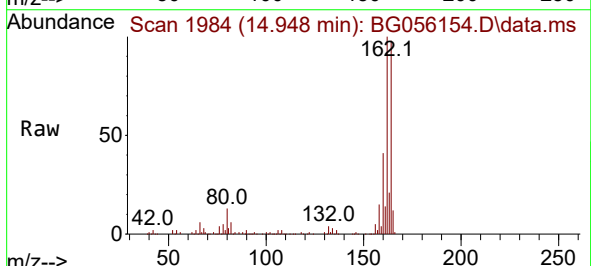
Tgt Ion: 164 Resp: 149825

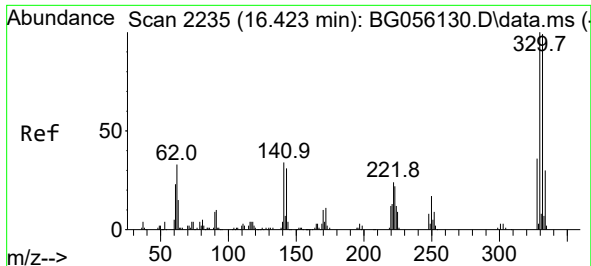
Ion Ratio Lower Upper

164 100

162 102.3 84.7 127.1

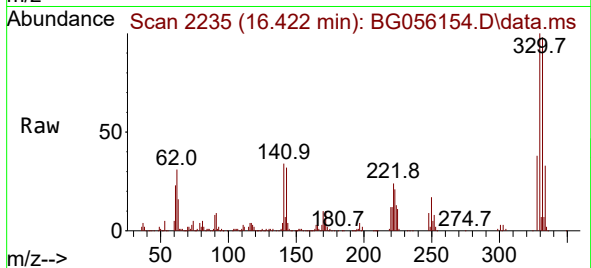
160 41.7 36.3 54.5



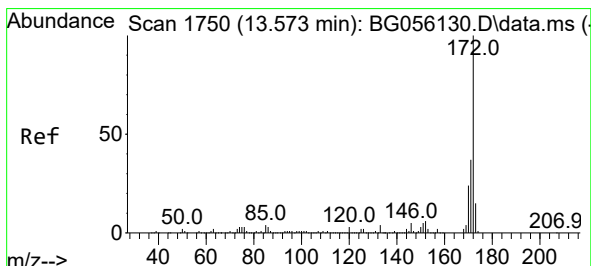
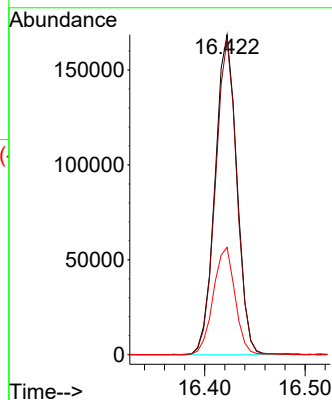
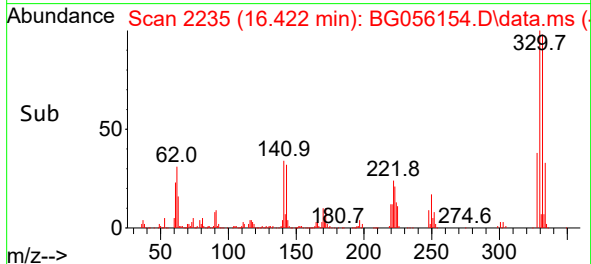


#42
2,4,6-Tribromophenol
Concen: 133.958 ng
RT: 16.422 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG056154.D
Acq: 29 Dec 2022 14:49

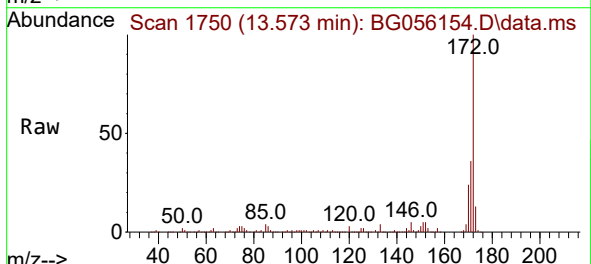
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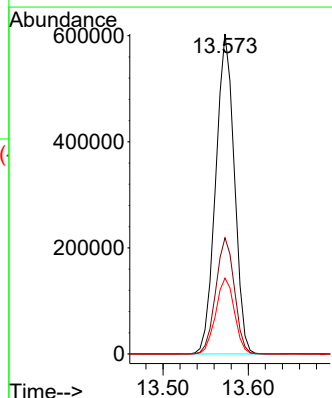
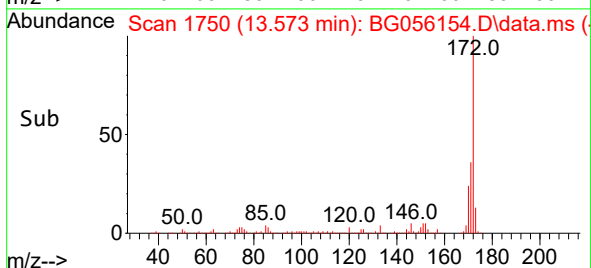
Tgt Ion:330 Resp: 254186
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 33.8 27.9 41.9

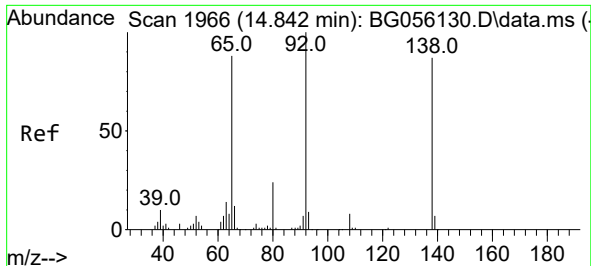


#45
2-Fluorobiphenyl
Concen: 84.489 ng
RT: 13.573 min Scan# 1750
Delta R.T. -0.000 min
Lab File: BG056154.D
Acq: 29 Dec 2022 14:49



Tgt Ion:172 Resp: 916696
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 23.7 19.4 29.2

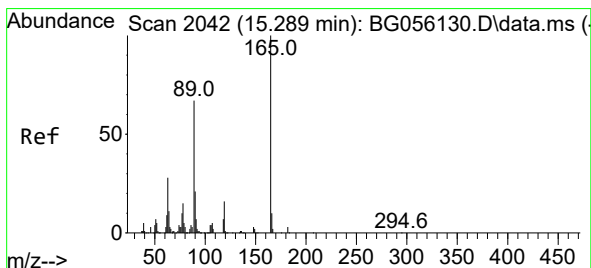
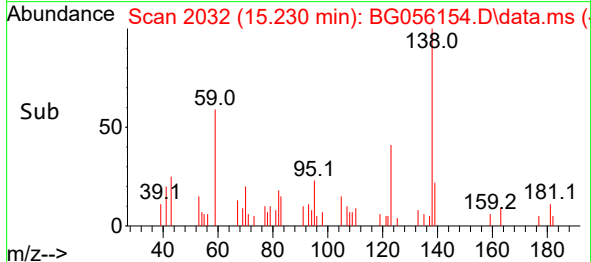
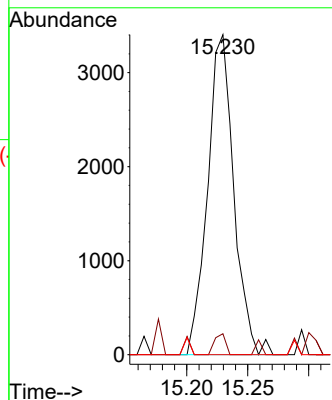
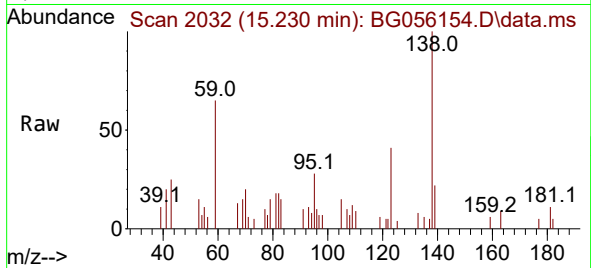




#53
3-Nitroaniline
Concen: 2.079 ng
RT: 15.230 min Scan# 2032
Delta R.T. 0.387 min
Lab File: BG056154.D
Acq: 29 Dec 2022 14:49

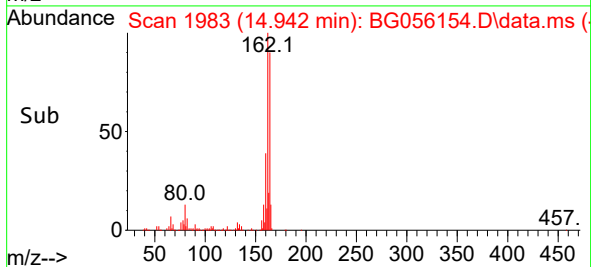
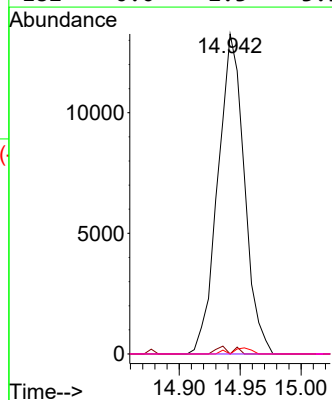
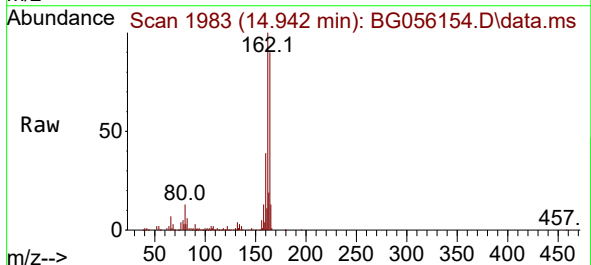
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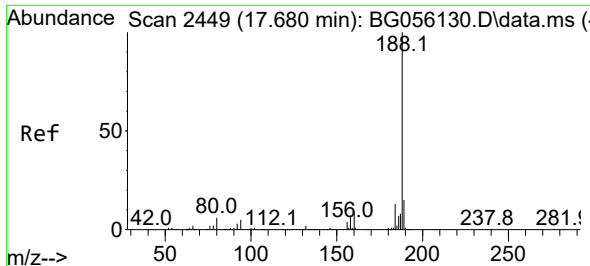
Tgt Ion:138 Resp: 5098
Ion Ratio Lower Upper
138 100
108 6.6 7.6 11.4#
92 0.0 91.7 137.5#



#57
2,4-Dinitrotoluene
Concen: 5.558 ng
RT: 14.942 min Scan# 1983
Delta R.T. -0.347 min
Lab File: BG056154.D
Acq: 29 Dec 2022 14:49

Tgt Ion:165 Resp: 20034
Ion Ratio Lower Upper
165 100
63 0.0 22.6 34.0#
89 0.0 53.2 79.8#
182 0.0 2.3 3.5#

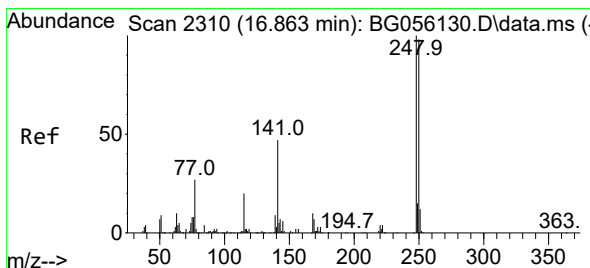
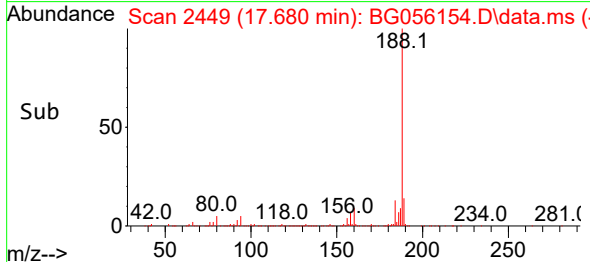
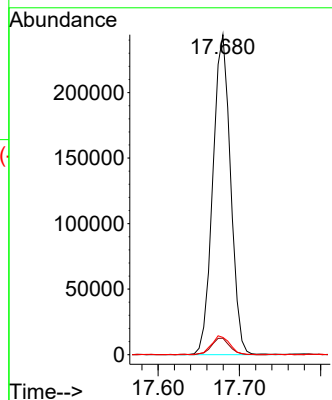
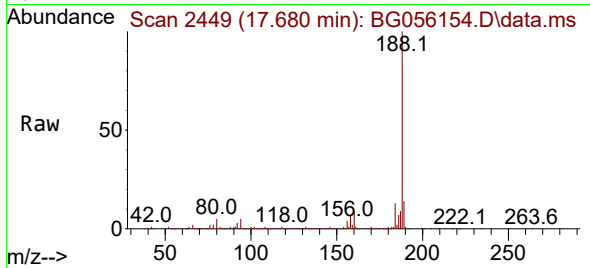




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.680 min Scan# 2449
Delta R.T. -0.000 min
Lab File: BG056154.D
Acq: 29 Dec 2022 14:49

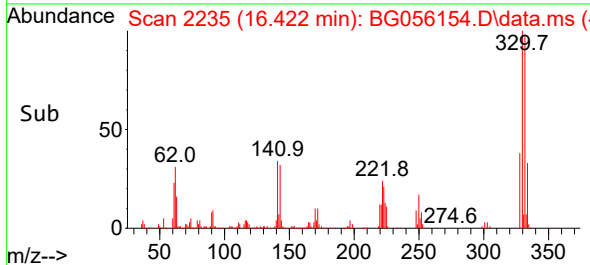
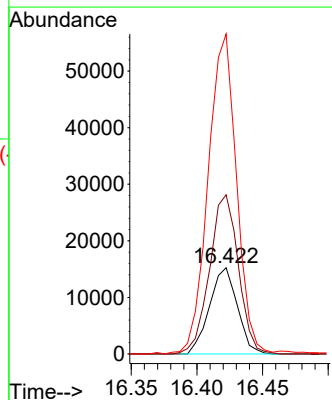
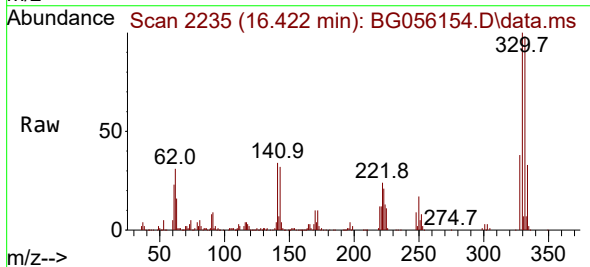
Instrument :
BNA_G
ClientSampleId :
MW-1

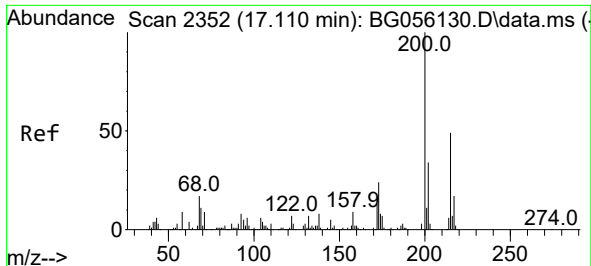
Tgt Ion:188 Resp: 370135
Ion Ratio Lower Upper
188 100
94 5.1 4.2 6.2
80 5.4 5.0 7.4



#67
4-Bromophenyl-phenylether
Concen: 4.769 ng
RT: 16.422 min Scan# 2235
Delta R.T. -0.441 min
Lab File: BG056154.D
Acq: 29 Dec 2022 14:49

Tgt Ion:248 Resp: 22478
Ion Ratio Lower Upper
248 100
250 184.6 78.2 117.4#
141 371.1 37.6 56.4#

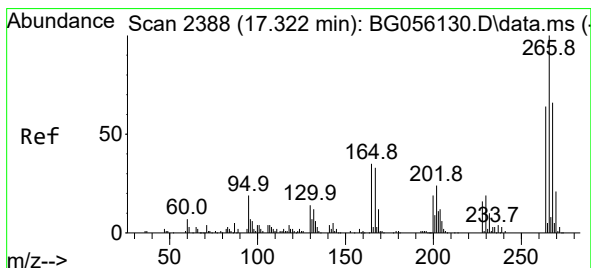
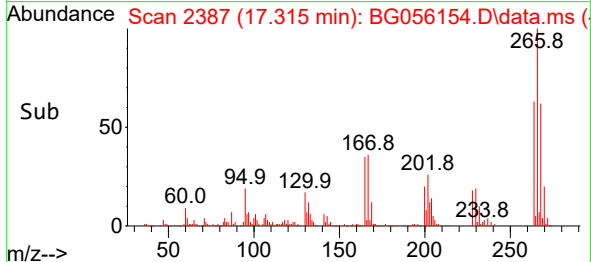
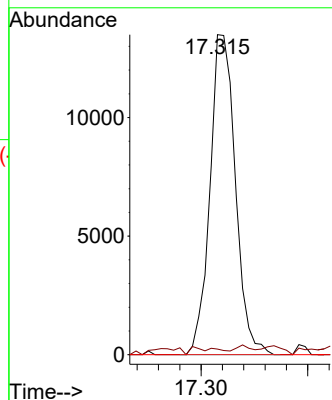
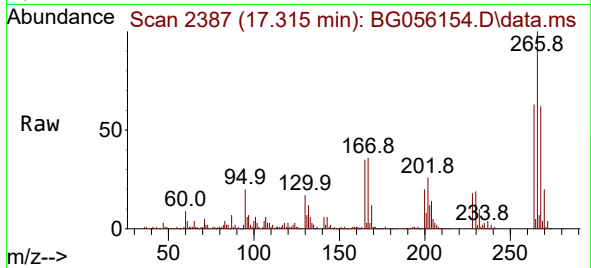




#69
 Atrazine
 Concen: 5.246 ng
 RT: 17.315 min Scan# 21
 Delta R.T. 0.205 min
 Lab File: BG056154.D
 Acq: 29 Dec 2022 14:49

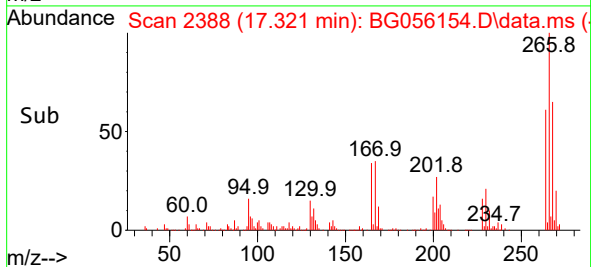
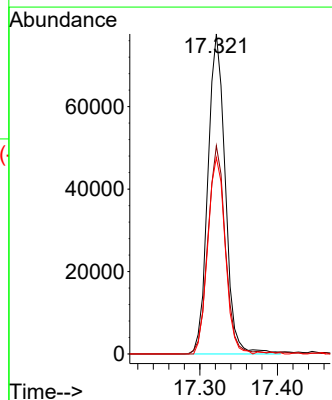
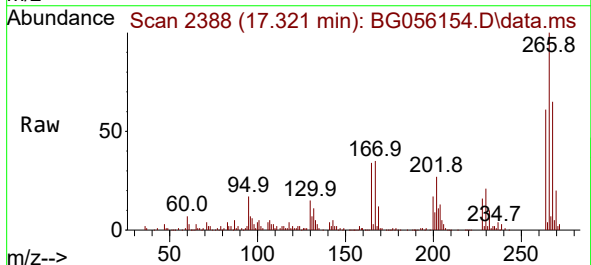
Instrument :
 BNA_G
 ClientSampleId :
 MW-1

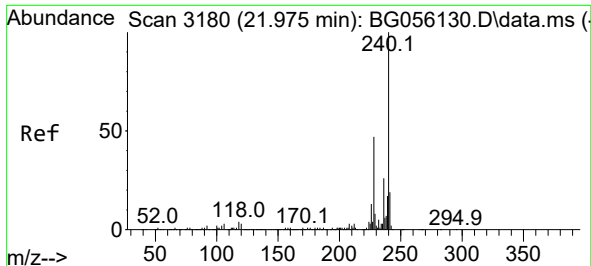
Tgt Ion:200 Resp: 22326
 Ion Ratio Lower Upper
 200 100
 173 1.7 4.0 44.0#
 215 0.0 29.1 69.1#



#70
 Pentachlorophenol
 Concen: 35.726 ng
 RT: 17.321 min Scan# 2388
 Delta R.T. -0.000 min
 Lab File: BG056154.D
 Acq: 29 Dec 2022 14:49

Tgt Ion:266 Resp: 120680
 Ion Ratio Lower Upper
 266 100
 268 65.0 53.0 79.4
 264 61.3 51.4 77.2

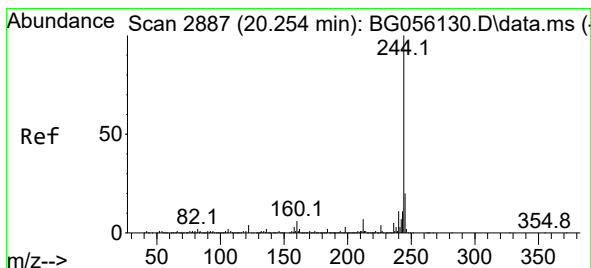
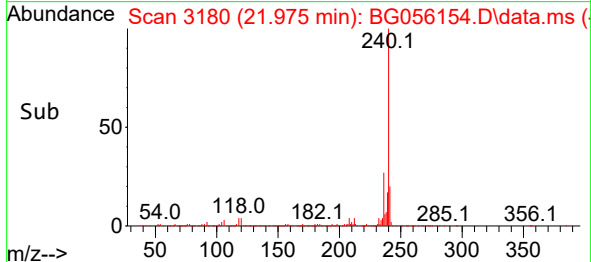
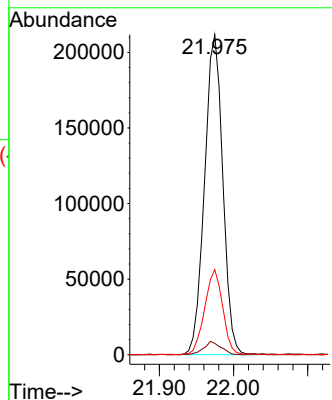
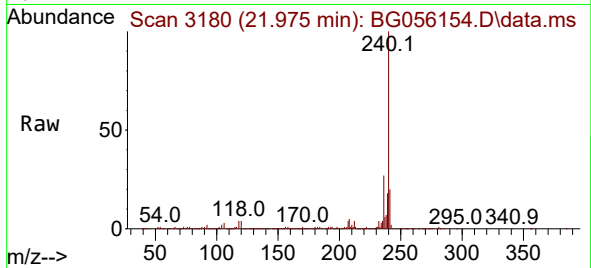




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.975 min Scan# 3180
Delta R.T. -0.000 min
Lab File: BG056154.D
Acq: 29 Dec 2022 14:49

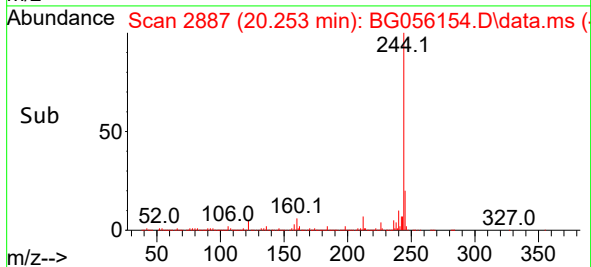
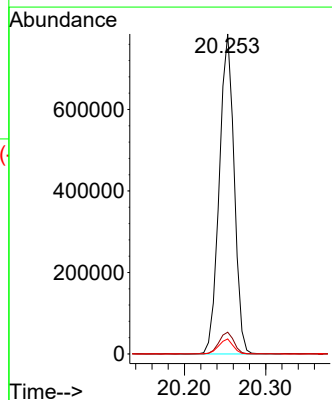
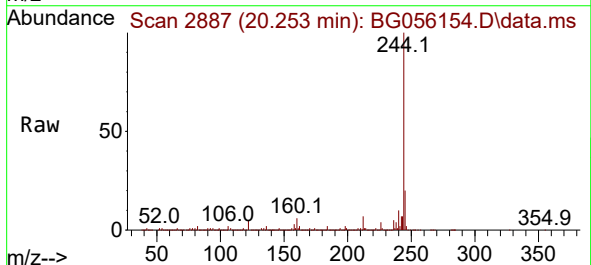
Instrument :
BNA_G
ClientSampleId :
MW-1

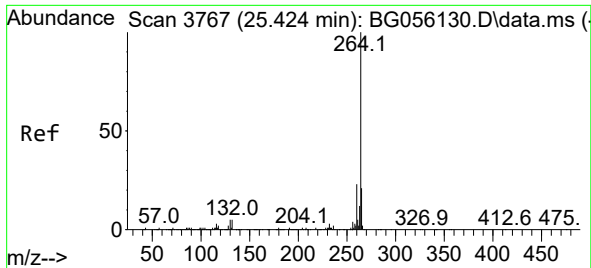
Tgt Ion:240 Resp: 361636
Ion Ratio Lower Upper
240 100
120 3.5 2.6 4.0
236 26.6 20.8 31.2



#79
Terphenyl-d14
Concen: 49.634 ng
RT: 20.253 min Scan# 2887
Delta R.T. -0.000 min
Lab File: BG056154.D
Acq: 29 Dec 2022 14:49

Tgt Ion:244 Resp: 1002170
Ion Ratio Lower Upper
244 100
212 6.8 5.7 8.5
122 4.7 3.5 5.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.429 min Scan# 31

Delta R.T. 0.005 min

Lab File: BG056154.D

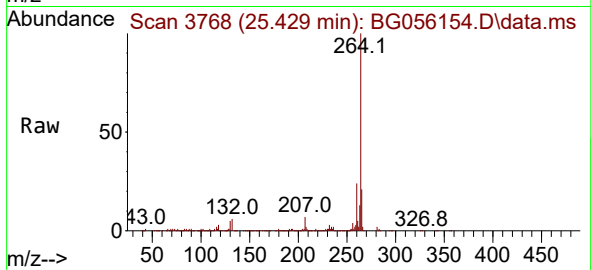
Acq: 29 Dec 2022 14:49

Instrument :

BNA_G

ClientSampleId :

MW-1



Tgt Ion:264 Resp: 396516

Ion Ratio Lower Upper

264 100

260 24.2 18.6 28.0

265 20.8 16.7 25.1

