

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122822\
 Data File : BG056144.D
 Acq On : 28 Dec 2022 17:48
 Operator : CG/JU
 Sample : N6219-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RB-21147

Quant Time: Dec 29 03:39:14 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)

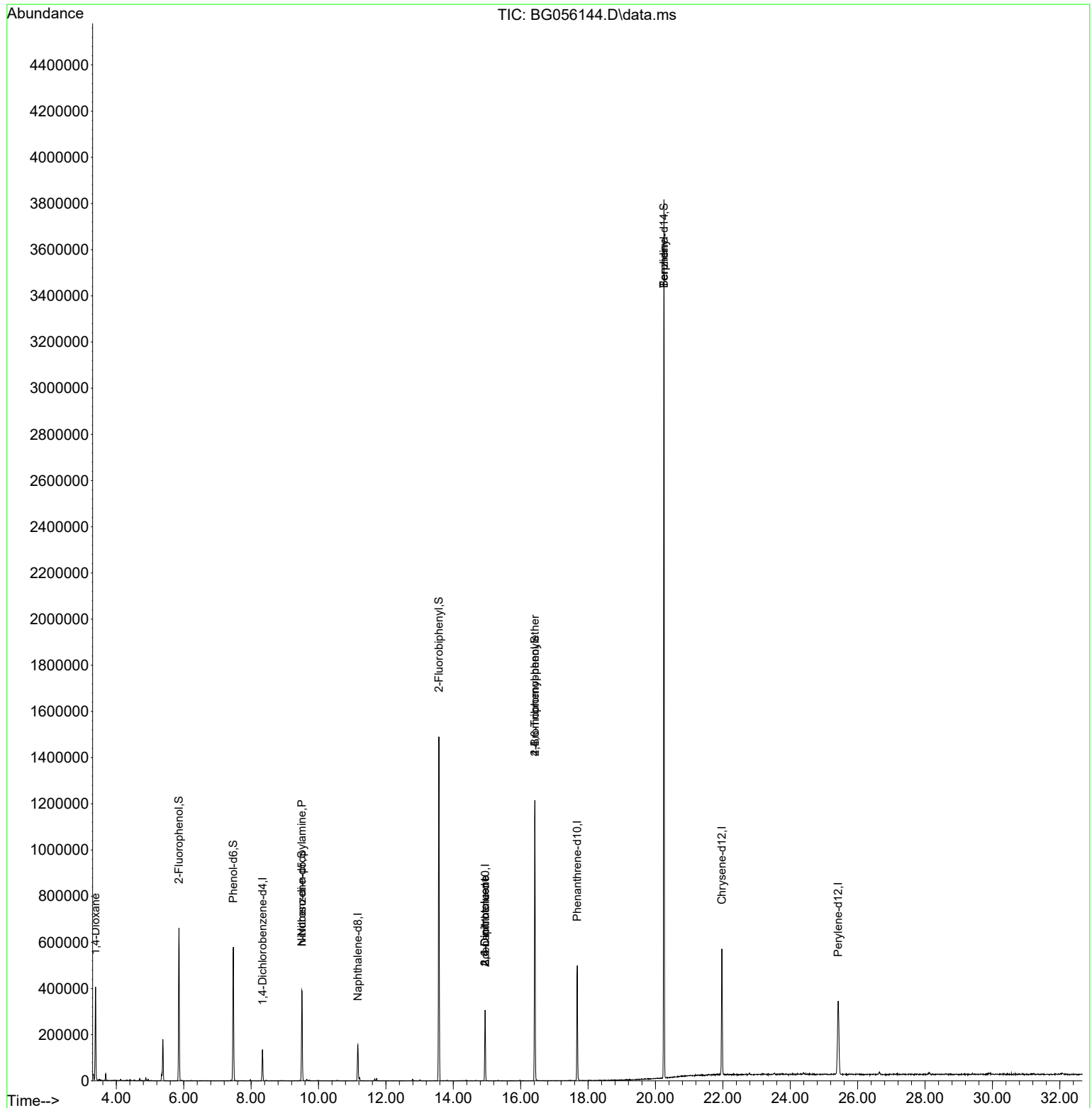
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.337	152	43797	20.000	ng	0.00
21) Naphthalene-d8	11.169	136	150037	20.000	ng	0.00
39) Acenaphthene-d10	14.947	164	122466	20.000	ng	0.00
64) Phenanthrene-d10	17.679	188	343047	20.000	ng	0.00
76) Chrysene-d12	21.968	240	378964	20.000	ng	0.00
86) Perylene-d12	25.423	264	406099	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.857	112	357403	145.704	ng	0.00
7) Phenol-d6	7.473	99	450904	119.698	ng	0.00
23) Nitrobenzene-d5	9.506	82	280769	95.722	ng	0.00
42) 2,4,6-Tribromophenol	16.421	330	246904	159.189	ng	0.00
45) 2-Fluorobiphenyl	13.572	172	860123	96.985	ng	0.00
79) Terphenyl-d14	20.252	244	2058873	97.306	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.378	88	6146	5.486	ng	# 1
19) n-Nitroso-di-n-propyla...	9.506	70	36232	15.817	ng	# 74
51) 2,6-Dinitrotoluene	14.941	165	15847	7.523	ng	# 31
57) 2,4-Dinitrotoluene	14.941	165	15847	5.379	ng	# 28
67) 4-Bromophenyl-phenylether	16.421	248	20447	4.681	ng	# 1
77) Benzydine	20.252	184	29885	2.250	ng	# 92

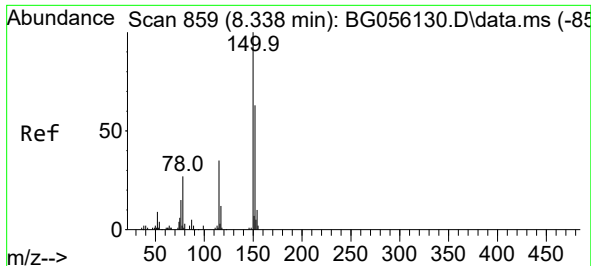
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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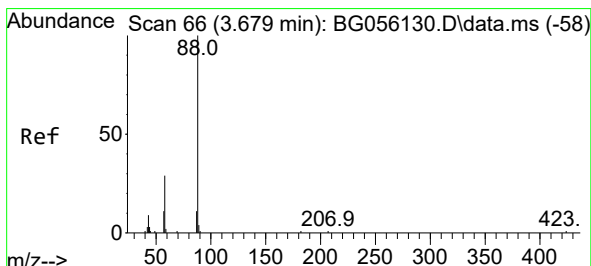
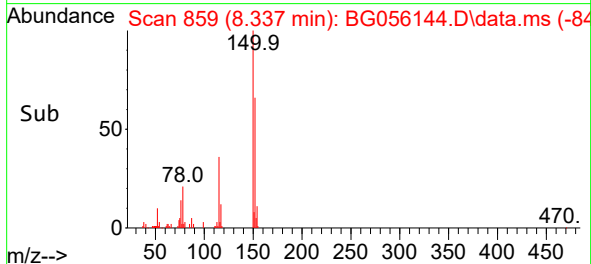
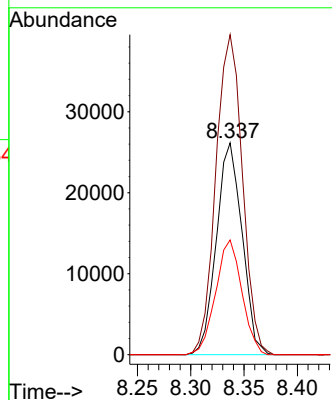
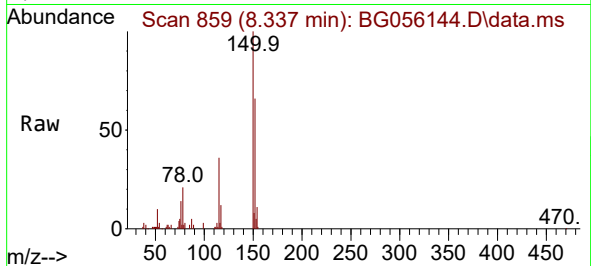




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.337 min Scan# 81
 Delta R.T. -0.001 min
 Lab File: BG056144.D
 Acq: 28 Dec 2022 17:48

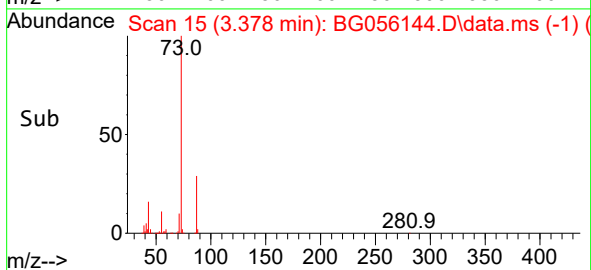
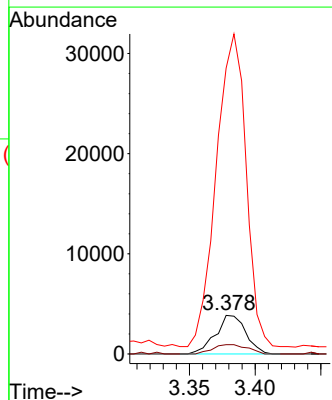
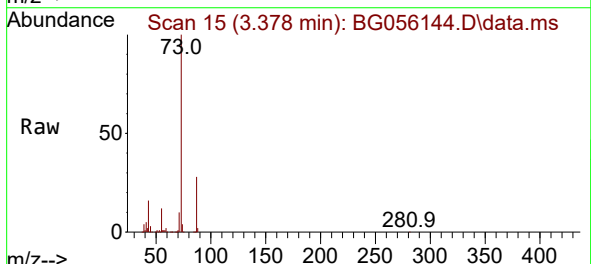
Instrument :
 BNA_G
 ClientSampleId :
 RB-21147

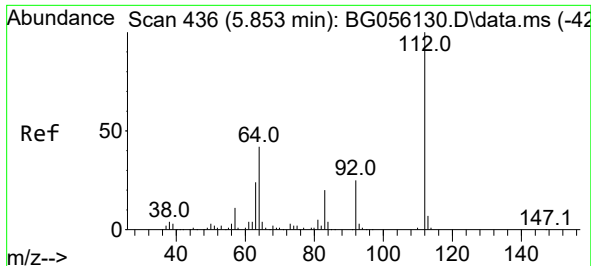
Tgt Ion:152 Resp: 43797
 Ion Ratio Lower Upper
 152 100
 150 151.1 127.9 191.9
 115 54.1 44.2 66.2



#2
 1,4-Dioxane
 Concen: 5.486 ng
 RT: 3.378 min Scan# 15
 Delta R.T. -0.301 min
 Lab File: BG056144.D
 Acq: 28 Dec 2022 17:48

Tgt Ion: 88 Resp: 6146
 Ion Ratio Lower Upper
 88 100
 58 27.8 21.4 32.0
 43 802.8 7.1 10.7#

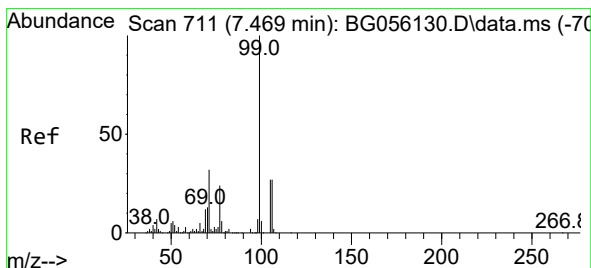
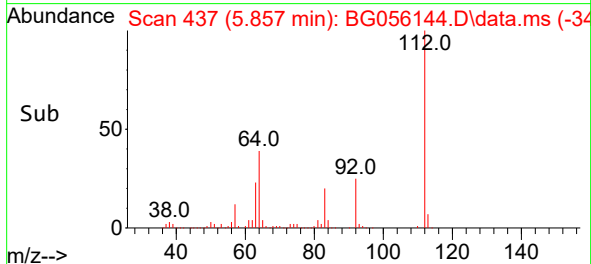
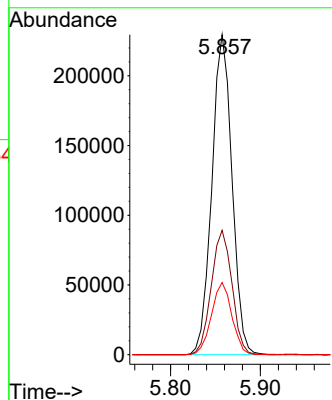
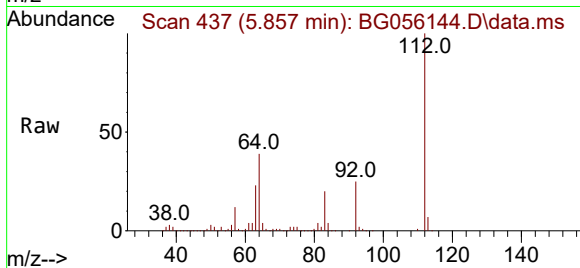




#5
2-Fluorophenol
Concen: 145.704 ng
RT: 5.857 min Scan# 41
Delta R.T. 0.005 min
Lab File: BG056144.D
Acq: 28 Dec 2022 17:48

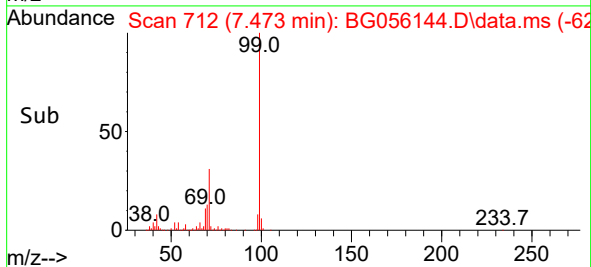
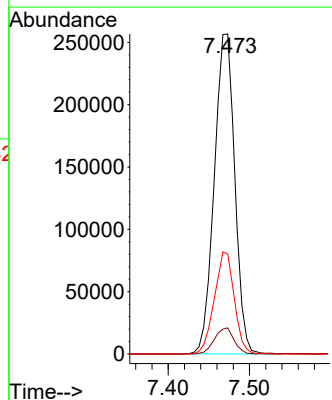
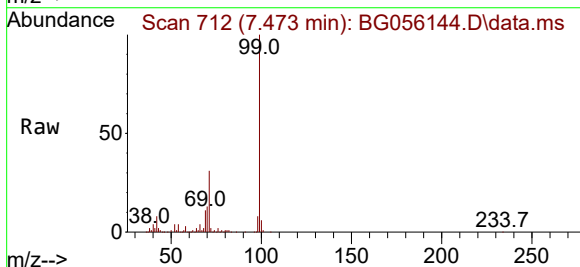
Instrument :
BNA_G
ClientSampleId :
RB-21147

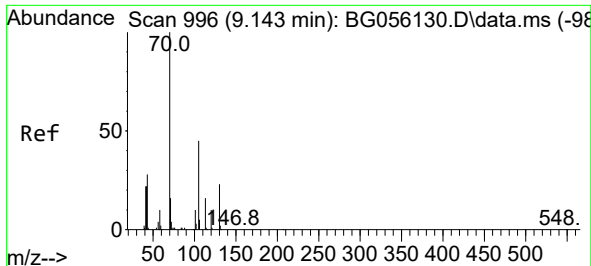
Tgt Ion:112 Resp: 357403
Ion Ratio Lower Upper
112 100
64 38.8 33.3 49.9
63 22.6 19.0 28.4



#7
Phenol-d6
Concen: 119.698 ng
RT: 7.473 min Scan# 712
Delta R.T. 0.005 min
Lab File: BG056144.D
Acq: 28 Dec 2022 17:48

Tgt Ion: 99 Resp: 450904
Ion Ratio Lower Upper
99 100
42 8.1 5.9 8.9
71 31.2 25.4 38.2

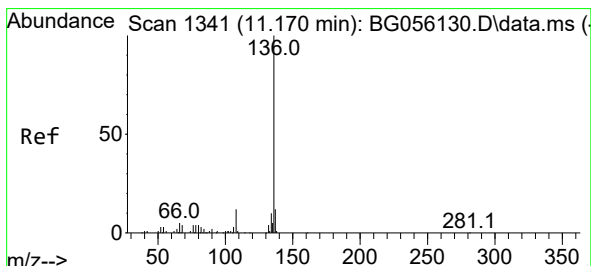
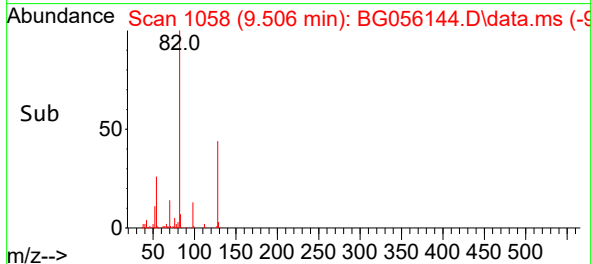
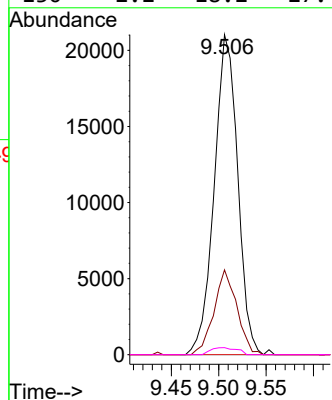
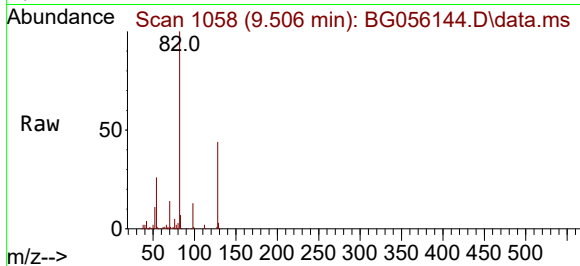




#19
n-Nitroso-di-n-propylamine
Concen: 15.817 ng
RT: 9.506 min Scan# 1058
Delta R.T. 0.363 min
Lab File: BG056144.D
Acq: 28 Dec 2022 17:48

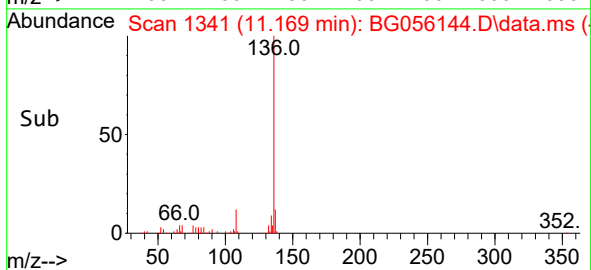
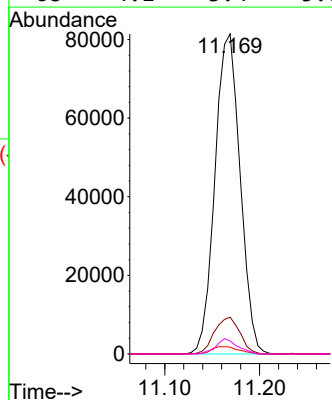
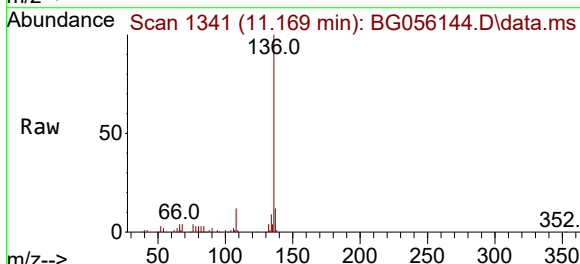
Instrument :
BNA_G
ClientSampleId :
RB-21147

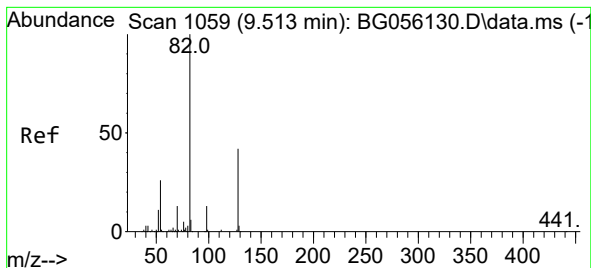
Tgt Ion: 70	Resp: 36232
Ion Ratio	Lower Upper
70 100	
42 26.5	18.2 27.2
101 0.0	8.3 12.5#
130 2.2	18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.169 min Scan# 1341
Delta R.T. -0.001 min
Lab File: BG056144.D
Acq: 28 Dec 2022 17:48

Tgt Ion: 136	Resp: 150037
Ion Ratio	Lower Upper
136 100	
137 11.5	9.4 14.0
54 2.2	2.2 3.2
68 4.1	3.4 5.0

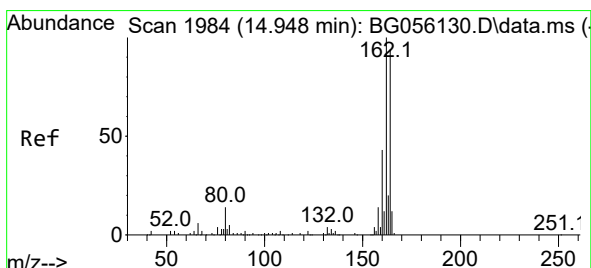
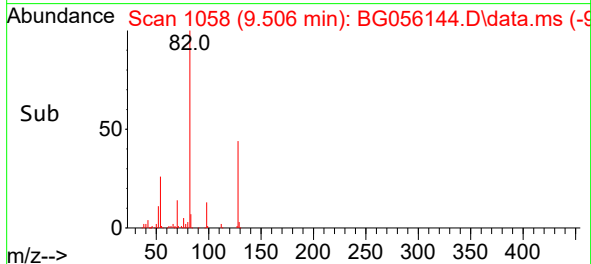
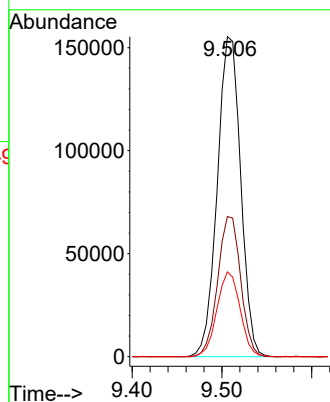
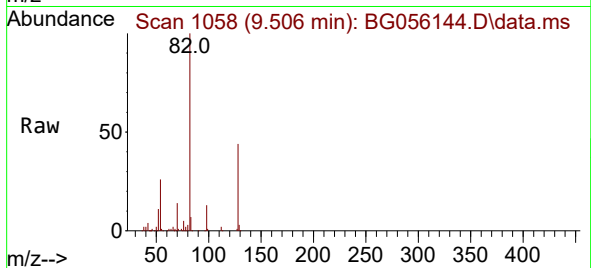




#23
Nitrobenzene-d5
Concen: 95.722 ng
RT: 9.506 min Scan# 1058
Delta R.T. -0.007 min
Lab File: BG056144.D
Acq: 28 Dec 2022 17:48

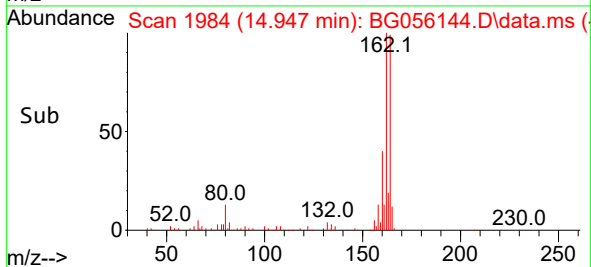
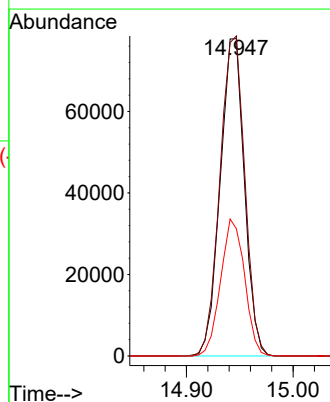
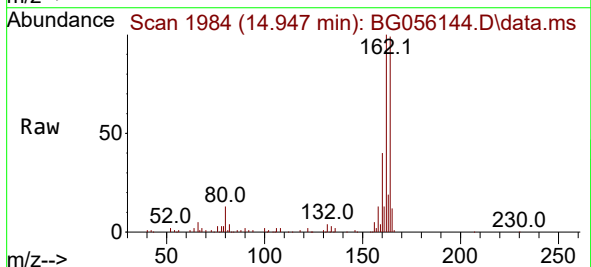
Instrument :
BNA_G
ClientSampleId :
RB-21147

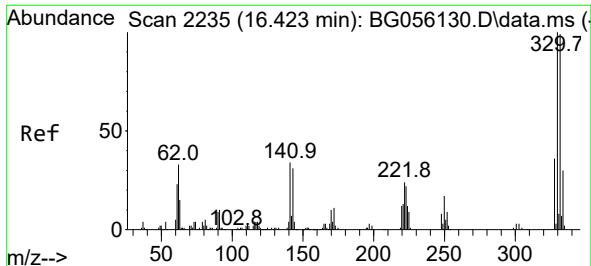
Tgt Ion: 82 Resp: 280769
Ion Ratio Lower Upper
82 100
128 43.8 33.4 50.2
54 26.5 20.3 30.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.947 min Scan# 1984
Delta R.T. -0.001 min
Lab File: BG056144.D
Acq: 28 Dec 2022 17:48

Tgt Ion: 164 Resp: 122466
Ion Ratio Lower Upper
164 100
162 100.9 84.7 127.1
160 40.1 36.3 54.5

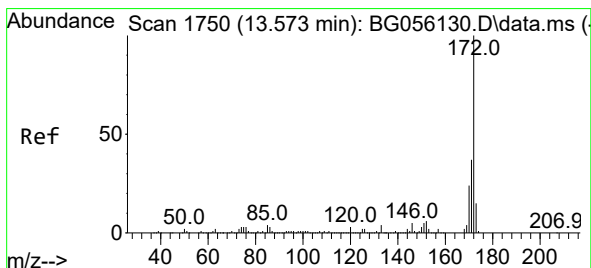
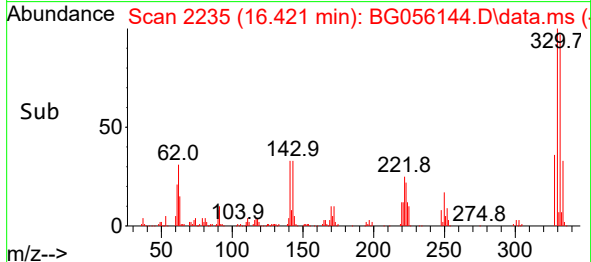
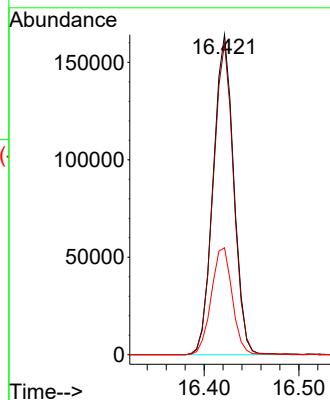
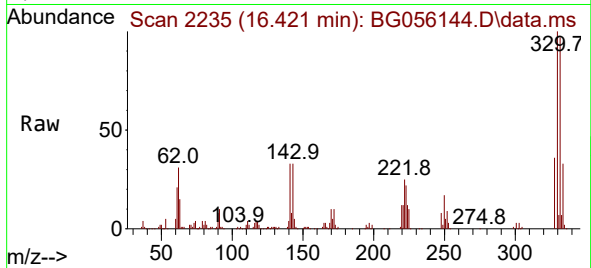




#42
 2,4,6-Tribromophenol
 Concen: 159.189 ng
 RT: 16.421 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG056144.D
 Acq: 28 Dec 2022 17:48

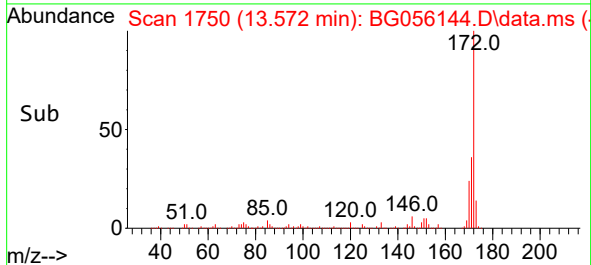
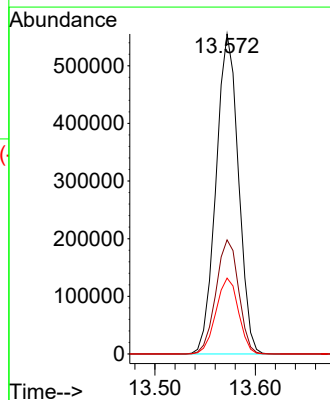
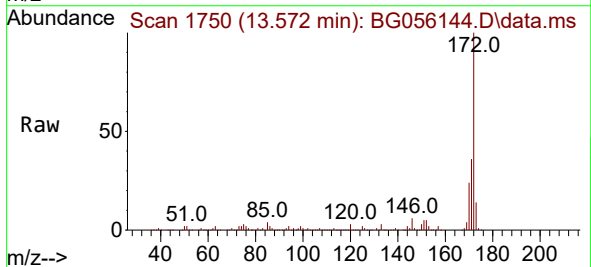
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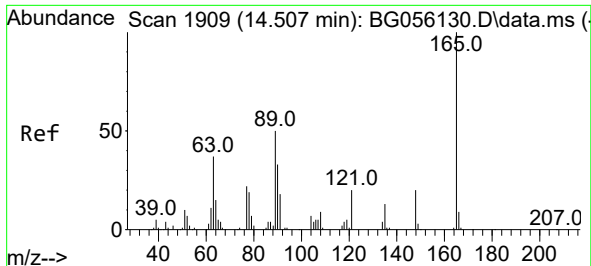
Tgt Ion:330 Resp: 246904
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.3 115.9
 141 34.3 27.9 41.9



#45
 2-Fluorobiphenyl
 Concen: 96.985 ng
 RT: 13.572 min Scan# 1750
 Delta R.T. -0.001 min
 Lab File: BG056144.D
 Acq: 28 Dec 2022 17:48

Tgt Ion:172 Resp: 860123
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.6 44.4
 170 23.7 19.4 29.2

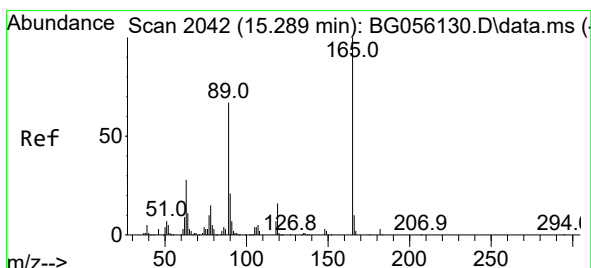
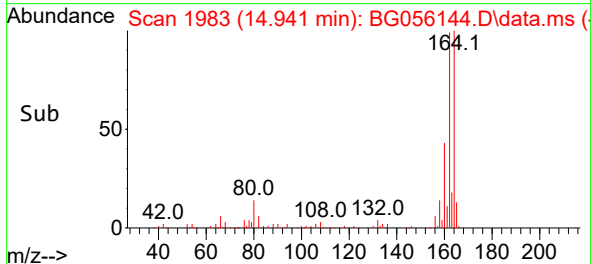
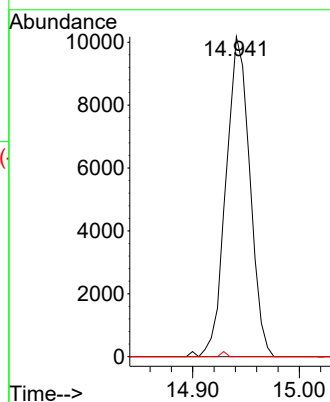
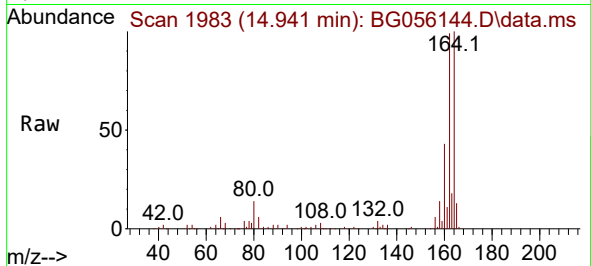




#51
2,6-Dinitrotoluene
Concen: 7.523 ng
RT: 14.941 min Scan# 1909
Delta R.T. 0.433 min
Lab File: BG056144.D
Acq: 28 Dec 2022 17:48

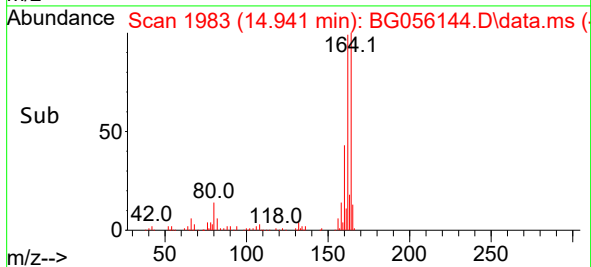
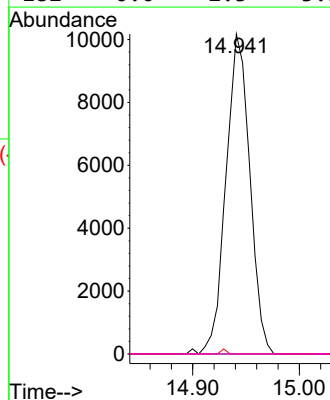
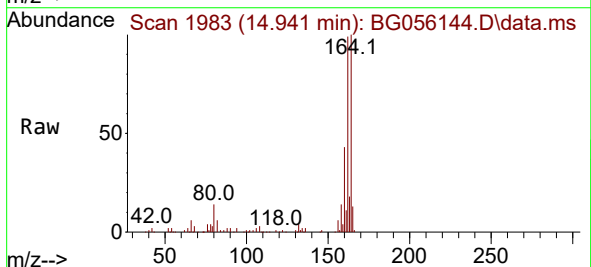
Instrument :
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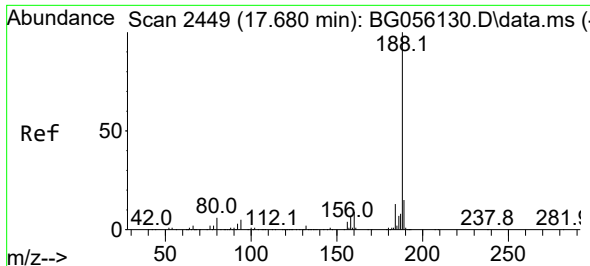
Tgt Ion:165 Resp: 15847
Ion Ratio Lower Upper
165 100
63 0.0 32.2 48.2#
89 0.0 39.8 59.8#



#57
2,4-Dinitrotoluene
Concen: 5.379 ng
RT: 14.941 min Scan# 1983
Delta R.T. -0.348 min
Lab File: BG056144.D
Acq: 28 Dec 2022 17:48

Tgt Ion:165 Resp: 15847
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#

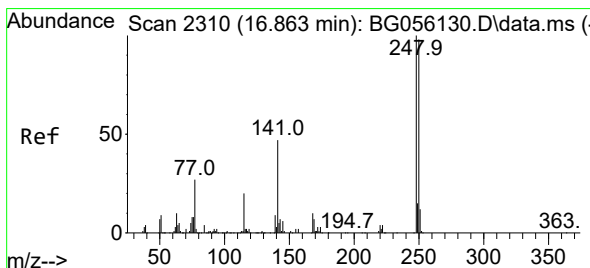
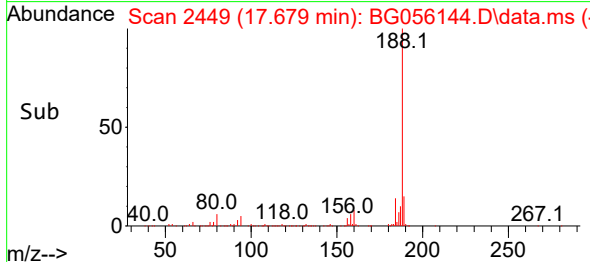
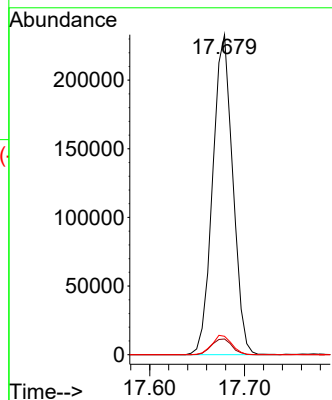
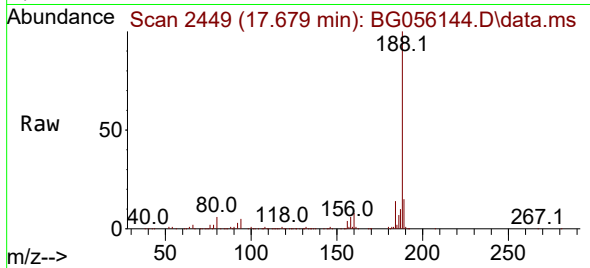




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.679 min Scan# 2449
Delta R.T. -0.001 min
Lab File: BG056144.D
Acq: 28 Dec 2022 17:48

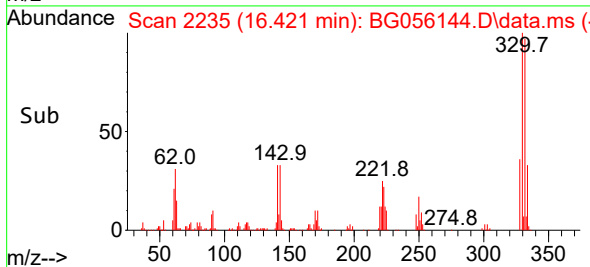
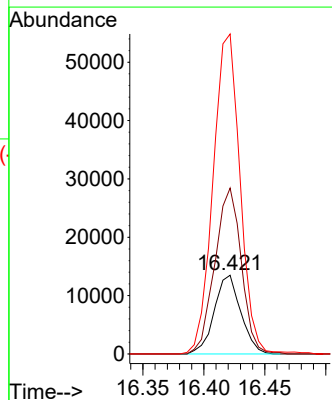
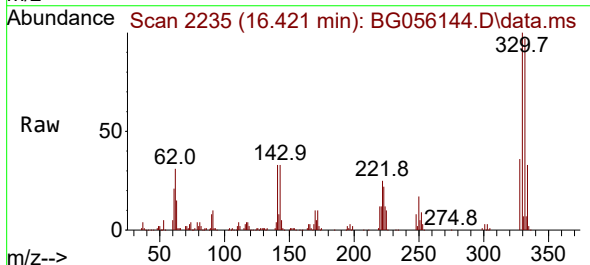
Instrument :
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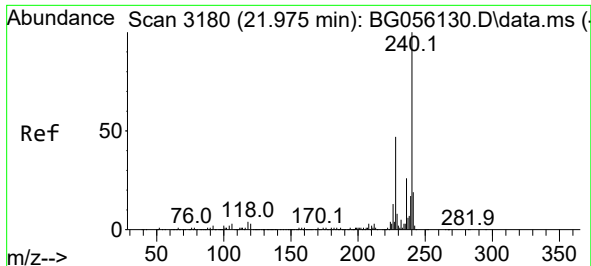
Tgt Ion:188 Resp: 343047
Ion Ratio Lower Upper
188 100
94 4.9 4.2 6.2
80 5.8 5.0 7.4



#67
4-Bromophenyl-phenylether
Concen: 4.681 ng
RT: 16.421 min Scan# 2235
Delta R.T. -0.442 min
Lab File: BG056144.D
Acq: 28 Dec 2022 17:48

Tgt Ion:248 Resp: 20447
Ion Ratio Lower Upper
248 100
250 277.3 78.2 117.4#
141 406.4 37.6 56.4#

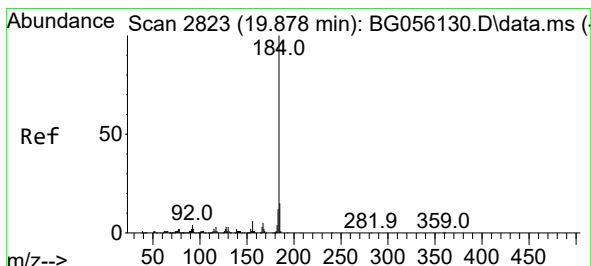
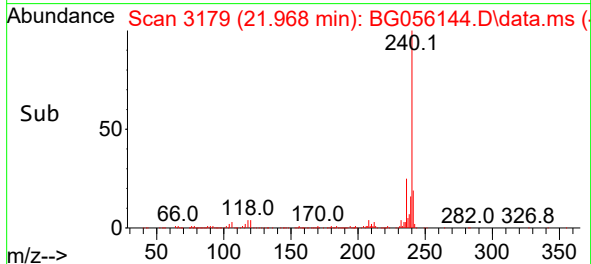
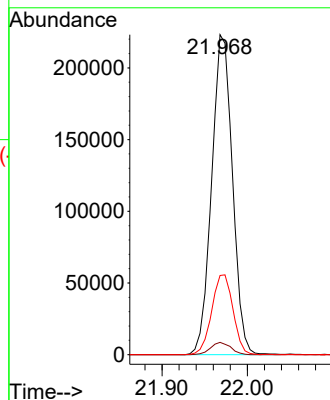
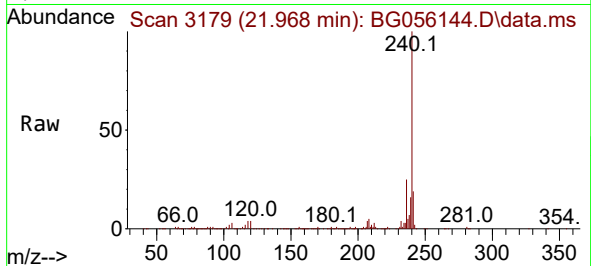




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.968 min Scan# 3180
Delta R.T. -0.007 min
Lab File: BG056144.D
Acq: 28 Dec 2022 17:48

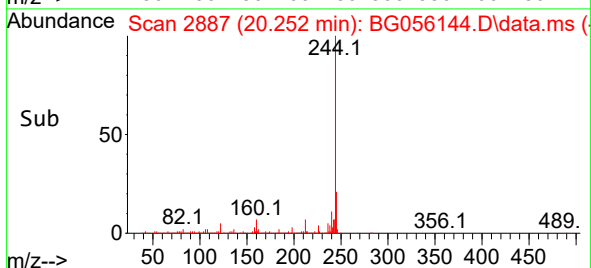
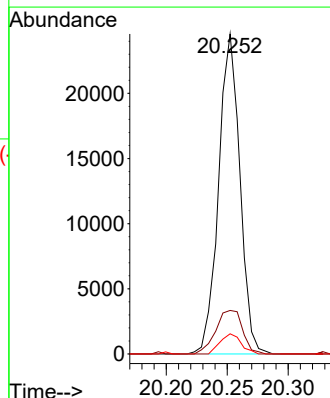
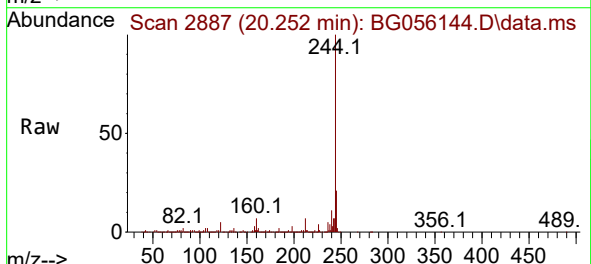
Instrument :
BNA_G
ClientSampleId :
RB-21147

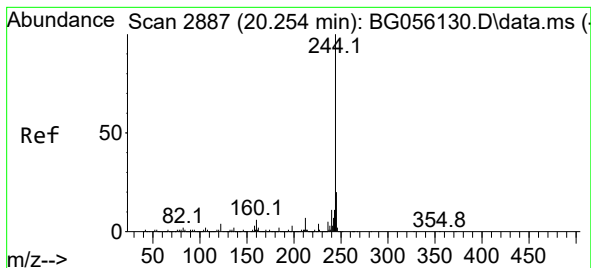
Tgt Ion:240 Resp: 378964
Ion Ratio Lower Upper
240 100
120 3.9 2.6 4.0
236 24.8 20.8 31.2



#77
Benzidine
Concen: 2.250 ng
RT: 20.252 min Scan# 2887
Delta R.T. 0.375 min
Lab File: BG056144.D
Acq: 28 Dec 2022 17:48

Tgt Ion:184 Resp: 29885
Ion Ratio Lower Upper
184 100
185 13.6 12.2 18.2
183 6.3 9.4 14.0#





#79

Terphenyl-d14

Concen: 97.306 ng

RT: 20.252 min Scan# 2887

Delta R.T. -0.001 min

Lab File: BG056144.D

Acq: 28 Dec 2022 17:48

Instrument :

BNA_G

ClientSampleId :

RB-21147

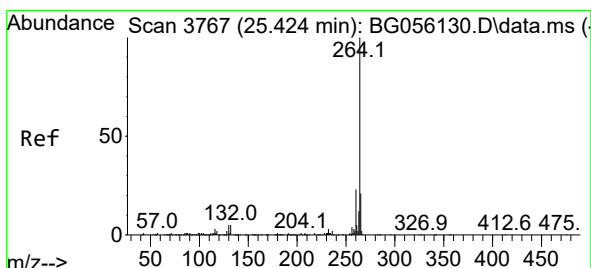
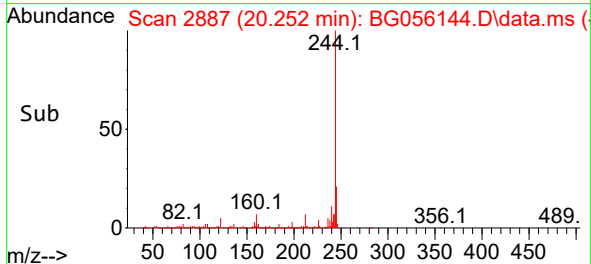
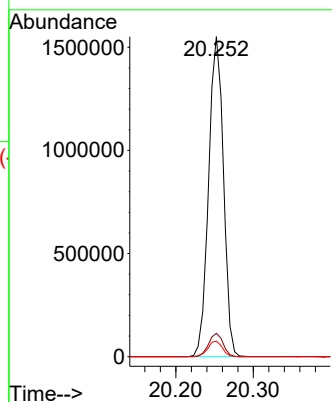
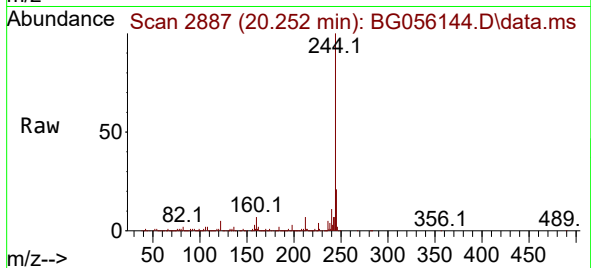
Tgt Ion:244 Resp: 2058873

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

122 4.8 3.5 5.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.423 min Scan# 3767

Delta R.T. -0.001 min

Lab File: BG056144.D

Acq: 28 Dec 2022 17:48

Tgt Ion:264 Resp: 406099

Ion Ratio Lower Upper

264 100

260 24.0 18.6 28.0

265 22.9 16.7 25.1

