

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010323\
 Data File : BG056183.D
 Acq On : 3 Jan 2023 12:48
 Operator : CG/JU
 Sample : PB150003BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150003BL

Quant Time: Jan 04 02:11:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 04 02:08:15 2023
 Response via : Initial Calibration

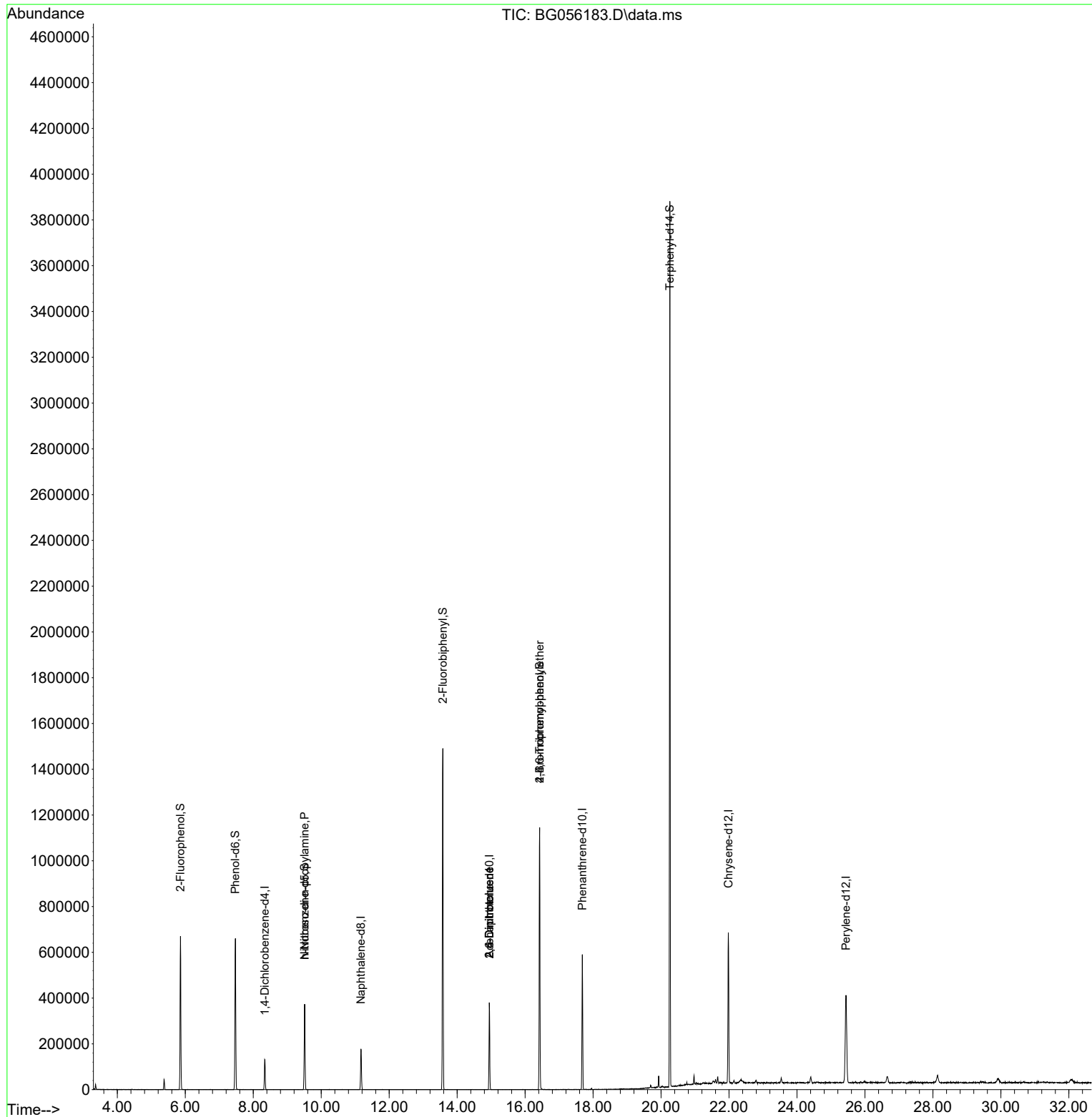
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.341	152	44257	20.000	ng	0.00
21) Naphthalene-d8	11.167	136	170599	20.000	ng	0.00
39) Acenaphthene-d10	14.945	164	146656	20.000	ng	0.00
64) Phenanthrene-d10	17.683	188	410789	20.000	ng	0.00
76) Chrysene-d12	21.978	240	460041	20.000	ng	# 0.00
86) Perylene-d12	25.439	264	448609	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.856	112	368830	148.800	ng	0.00
7) Phenol-d6	7.472	99	511331	134.329	ng	0.00
23) Nitrobenzene-d5	9.511	82	267320	80.152	ng	0.00
42) 2,4,6-Tribromophenol	16.426	330	241200	129.861	ng	0.00
45) 2-Fluorobiphenyl	13.576	172	865788	81.522	ng	0.00
79) Terphenyl-d14	20.257	244	2107761	82.060	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.511	70	34032	14.702	ng	# 77
51) 2,6-Dinitrotoluene	14.945	165	19339	7.666	ng	# 32
57) 2,4-Dinitrotoluene	14.945	165	19339	5.482	ng	# 29
67) 4-Bromophenyl-phenylether	16.426	248	20822	3.981	ng	# 1

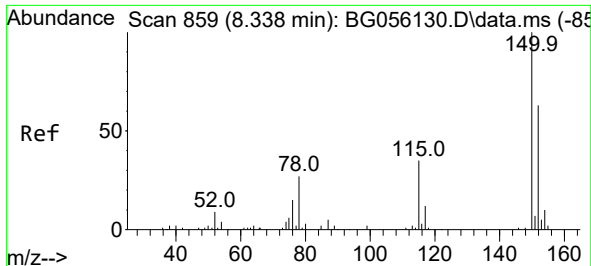
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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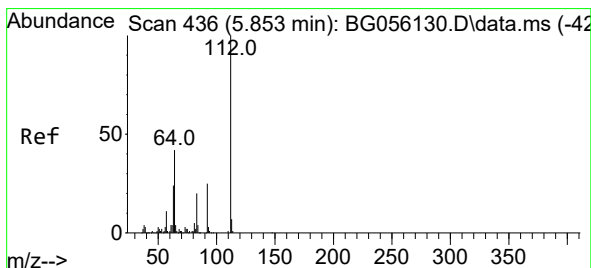
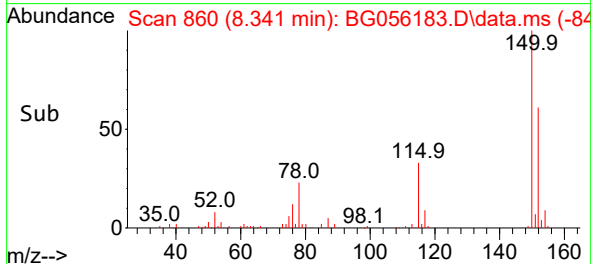
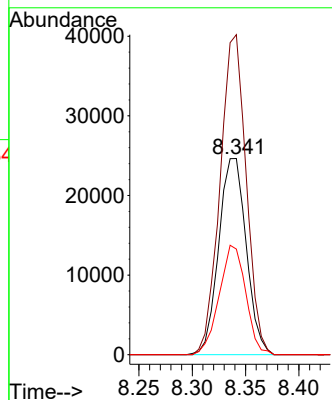
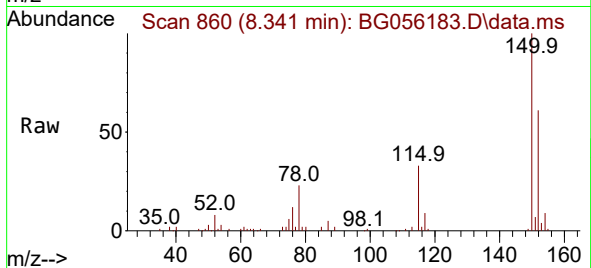




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.341 min Scan# 80
Delta R.T. 0.003 min
Lab File: BG056183.D
Acq: 3 Jan 2023 12:48

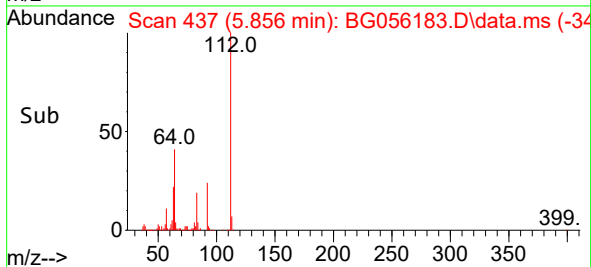
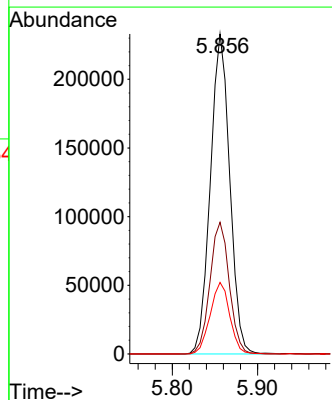
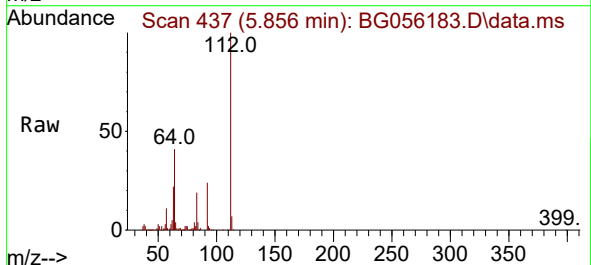
Instrument :
BNA_G
ClientSampleId :
PB150003BL

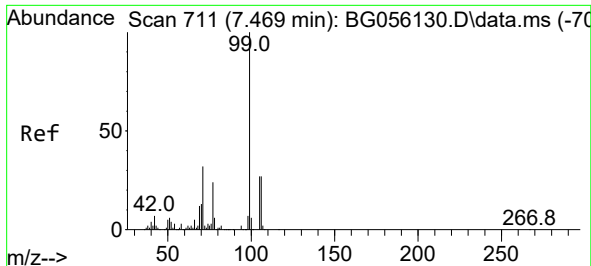
Tgt Ion:152 Resp: 44257
Ion Ratio Lower Upper
152 100
150 163.1 127.9 191.9
115 53.9 44.2 66.2



#5
2-Fluorophenol
Concen: 148.800 ng
RT: 5.856 min Scan# 437
Delta R.T. 0.009 min
Lab File: BG056183.D
Acq: 3 Jan 2023 12:48

Tgt Ion:112 Resp: 368830
Ion Ratio Lower Upper
112 100
64 41.1 33.3 49.9
63 22.3 19.0 28.4

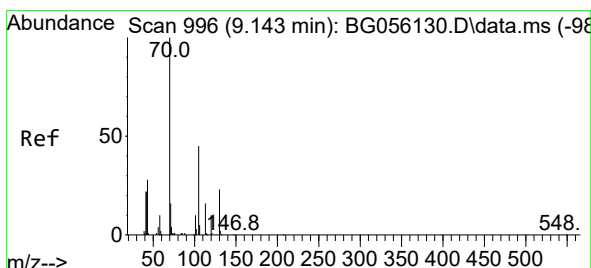
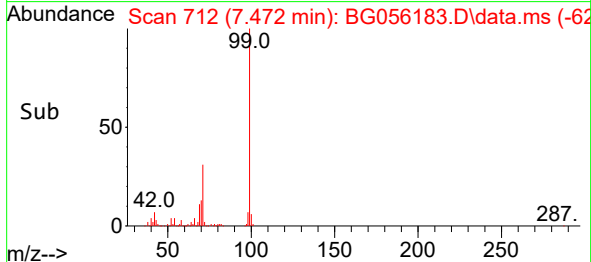
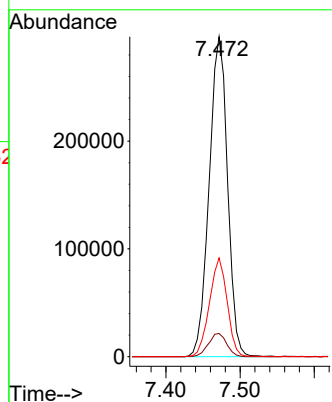
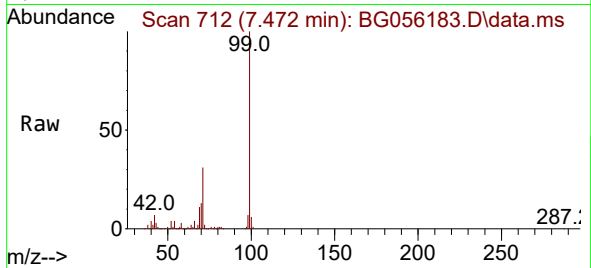




#7
Phenol-d6
Concen: 134.329 ng
RT: 7.472 min Scan# 711
Delta R.T. 0.003 min
Lab File: BG056183.D
Acq: 3 Jan 2023 12:48

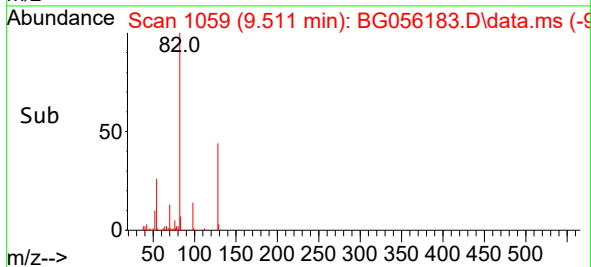
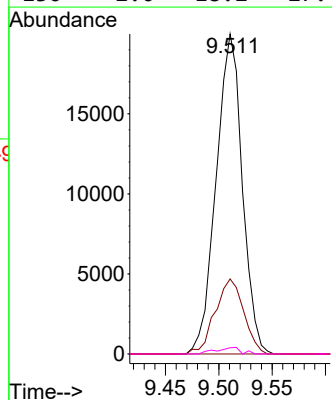
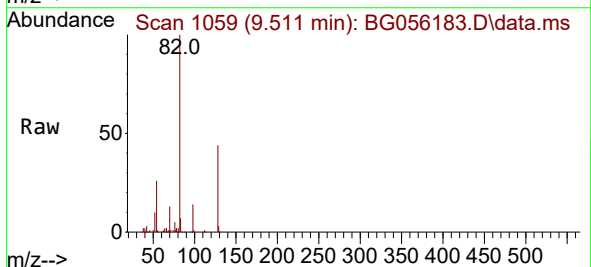
Instrument :
BNA_G
ClientSampleId :
PB150003BL

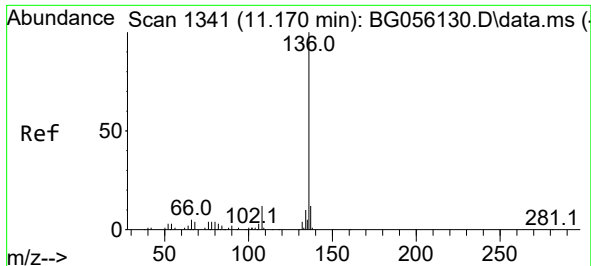
Tgt Ion: 99 Resp: 511331
Ion Ratio Lower Upper
99 100
42 7.3 5.9 8.9
71 30.9 25.4 38.2



#19
n-Nitroso-di-n-propylamine
Concen: 14.702 ng
RT: 9.511 min Scan# 1059
Delta R.T. 0.373 min
Lab File: BG056183.D
Acq: 3 Jan 2023 12:48

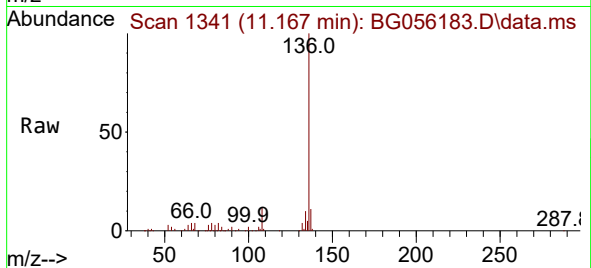
Tgt Ion: 70 Resp: 34032
Ion Ratio Lower Upper
70 100
42 23.4 18.2 27.2
101 0.0 8.3 12.5#
130 2.0 18.2 27.4#



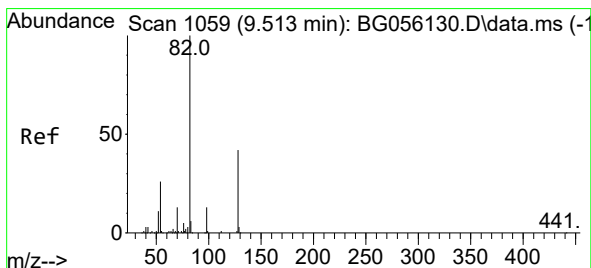
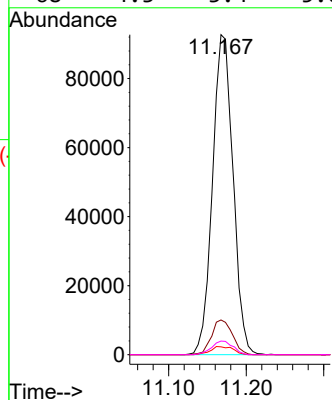
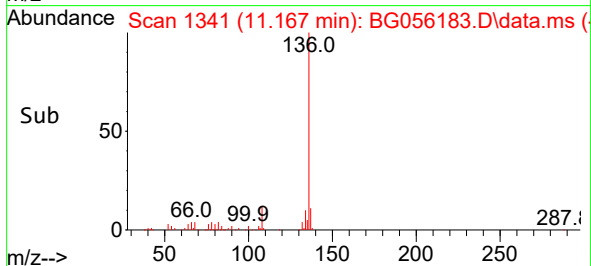


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.167 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG056183.D
Acq: 3 Jan 2023 12:48

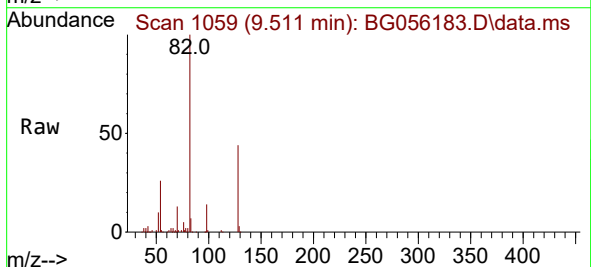
Instrument :
BNA_G
ClientSampleId :
PB150003BL



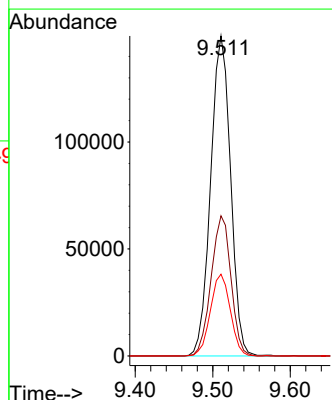
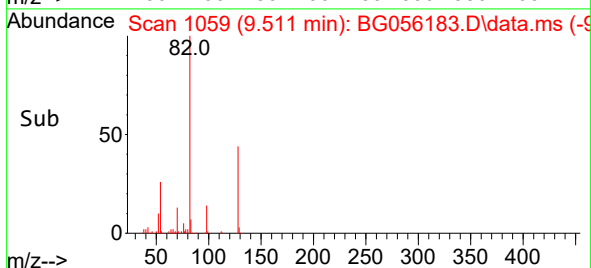
Tgt Ion:136 Resp: 170599
Ion Ratio Lower Upper
136 100
137 10.9 9.4 14.0
54 2.4 2.2 3.2
68 4.3 3.4 5.0

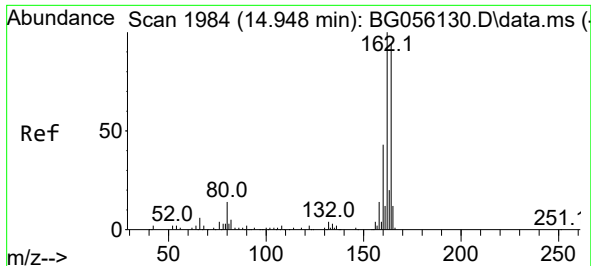


#23
Nitrobenzene-d5
Concen: 80.152 ng
RT: 9.511 min Scan# 1059
Delta R.T. 0.003 min
Lab File: BG056183.D
Acq: 3 Jan 2023 12:48



Tgt Ion: 82 Resp: 267320
Ion Ratio Lower Upper
82 100
128 43.8 33.4 50.2
54 25.5 20.3 30.5

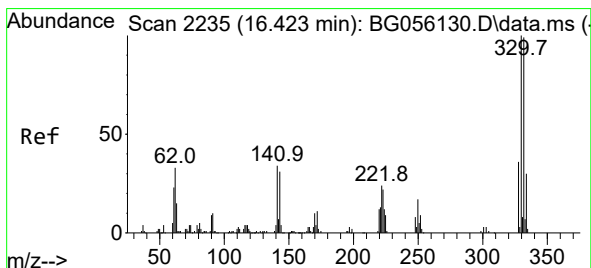
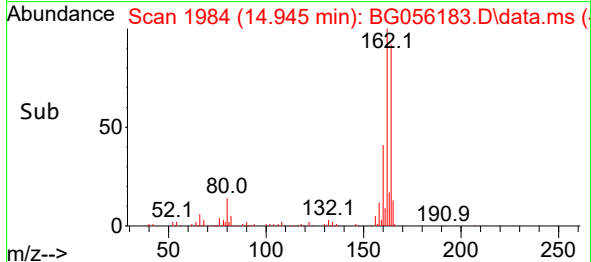
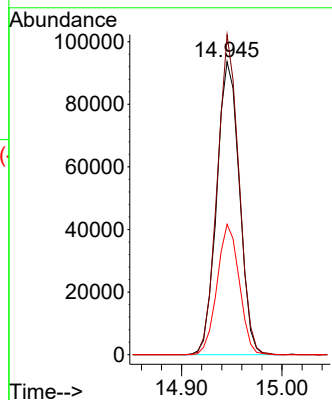
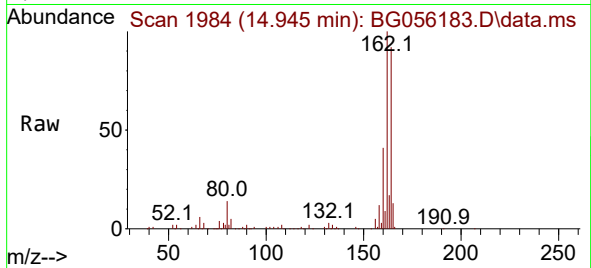




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.945 min Scan# 1984
Delta R.T. -0.003 min
Lab File: BG056183.D
Acq: 3 Jan 2023 12:48

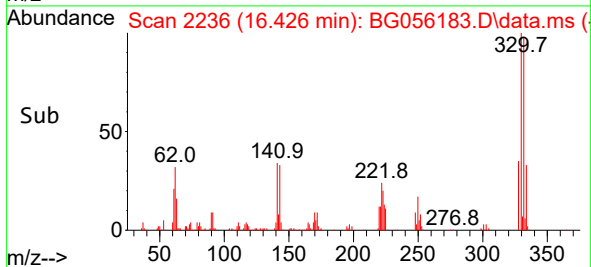
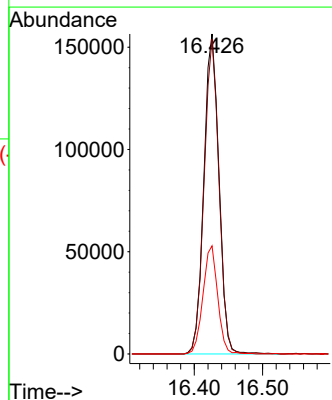
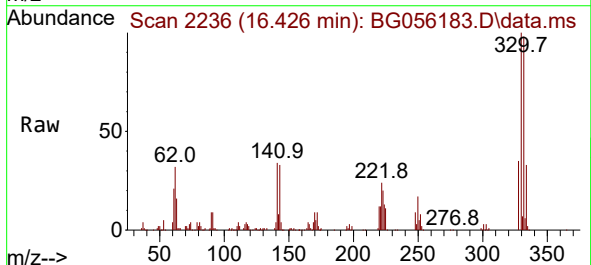
Instrument :
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ClientSampleId :
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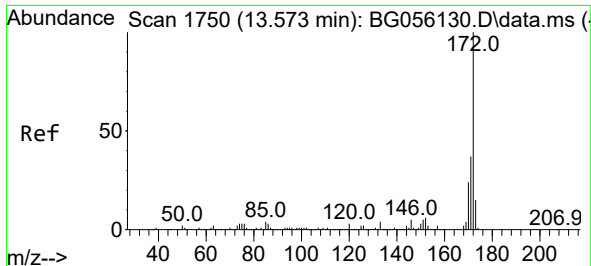
Tgt Ion:164 Resp: 146656
Ion Ratio Lower Upper
164 100
162 109.2 84.7 127.1
160 44.5 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 129.861 ng
RT: 16.426 min Scan# 2236
Delta R.T. -0.003 min
Lab File: BG056183.D
Acq: 3 Jan 2023 12:48

Tgt Ion:330 Resp: 241200
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 33.0 27.9 41.9

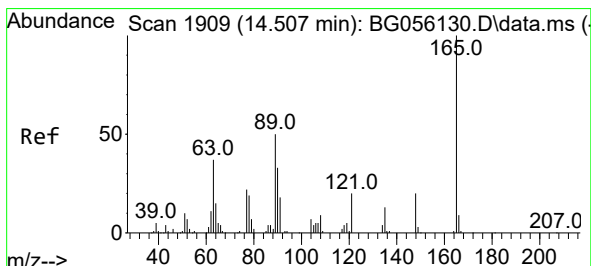
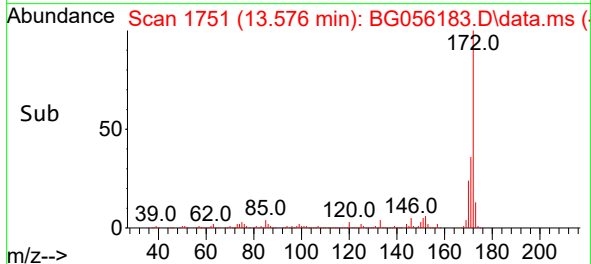
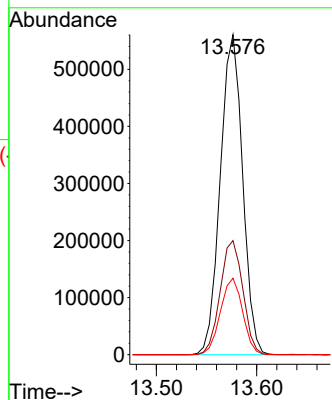
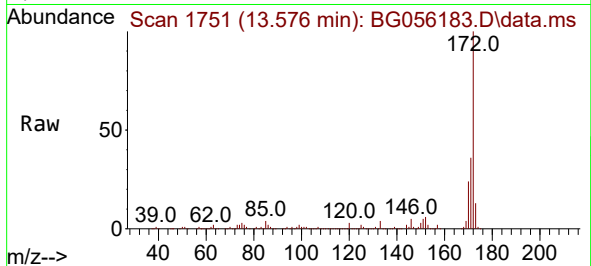




#45
2-Fluorobiphenyl
Concen: 81.522 ng
RT: 13.576 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG056183.D
Acq: 3 Jan 2023 12:48

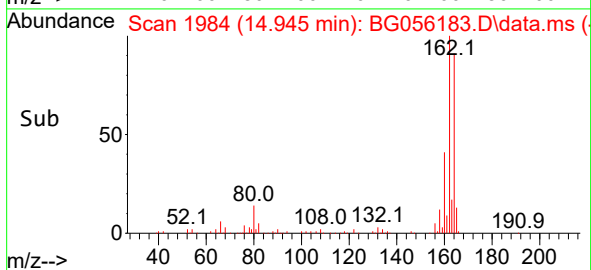
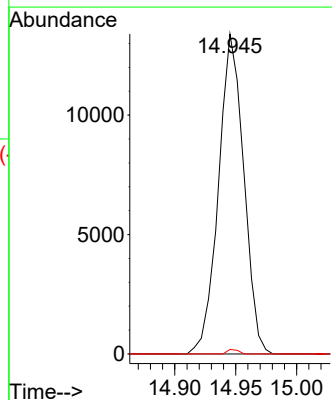
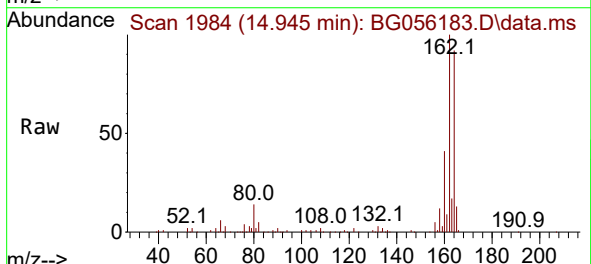
Instrument :
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ClientSampleId :
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Tgt Ion:172 Resp: 865788
Ion Ratio Lower Upper
172 100
171 35.7 29.6 44.4
170 23.9 19.4 29.2



#51
2,6-Dinitrotoluene
Concen: 7.666 ng
RT: 14.945 min Scan# 1984
Delta R.T. 0.432 min
Lab File: BG056183.D
Acq: 3 Jan 2023 12:48

Tgt Ion:165 Resp: 19339
Ion Ratio Lower Upper
165 100
63 0.0 32.2 48.2#
89 1.4 39.8 59.8#

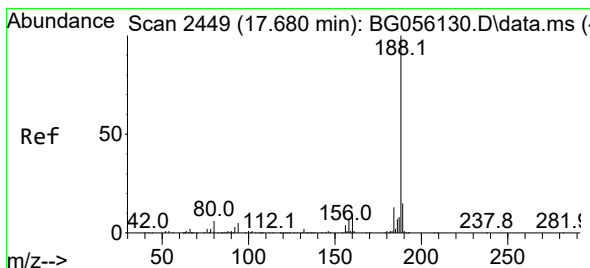
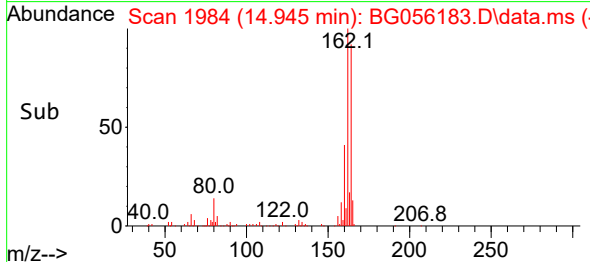
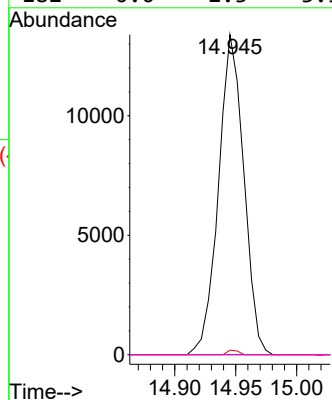
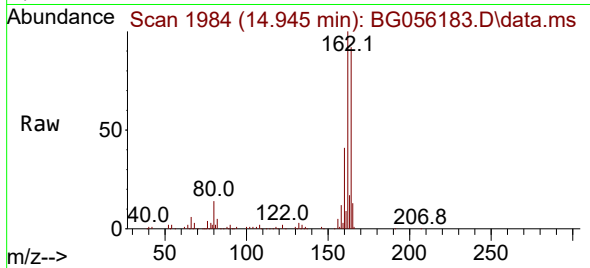




#57
2,4-Dinitrotoluene
Concen: 5.482 ng
RT: 14.945 min Scan# 1984
Delta R.T. -0.349 min
Lab File: BG056183.D
Acq: 3 Jan 2023 12:48

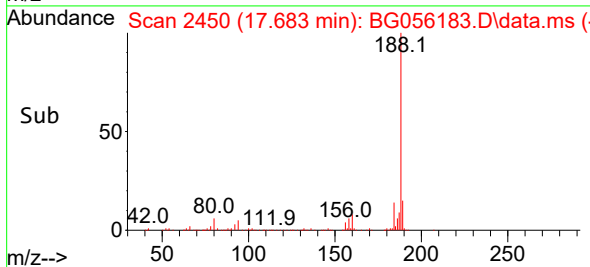
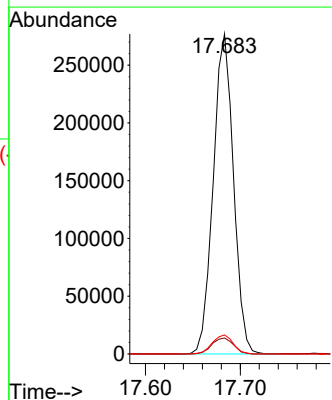
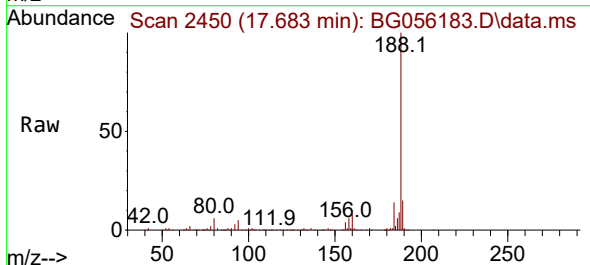
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ClientSampleId :
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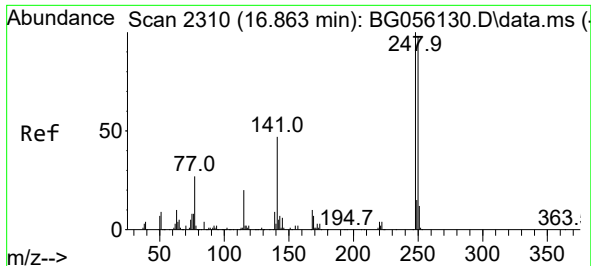
Tgt Ion:165 Resp: 19339
Ion Ratio Lower Upper
165 100
63 0.0 22.6 34.0#
89 1.4 53.2 79.8#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.683 min Scan# 2450
Delta R.T. -0.003 min
Lab File: BG056183.D
Acq: 3 Jan 2023 12:48

Tgt Ion:188 Resp: 410789
Ion Ratio Lower Upper
188 100
94 5.0 4.2 6.2
80 6.0 5.0 7.4

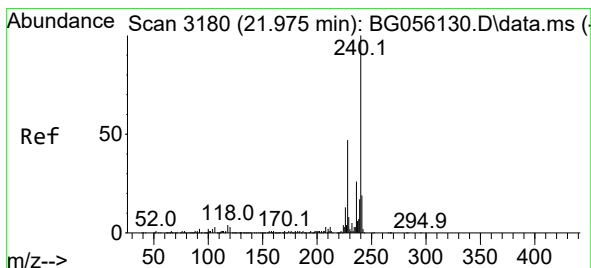
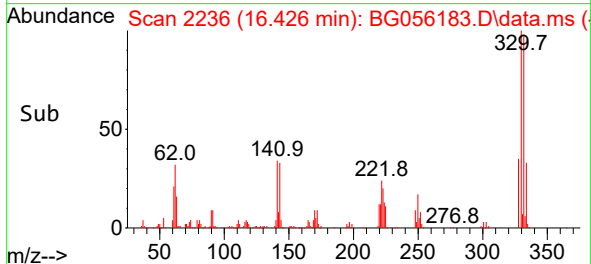
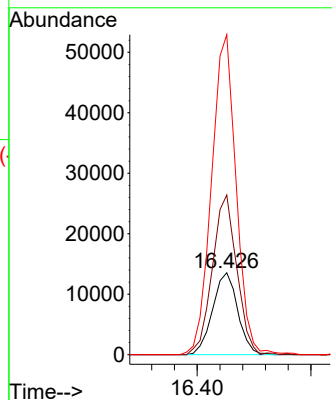
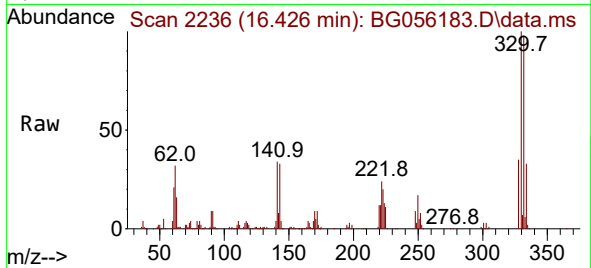




#67
4-Bromophenyl-phenylether
Concen: 3.981 ng
RT: 16.426 min Scan# 21
Delta R.T. -0.438 min
Lab File: BG056183.D
Acq: 3 Jan 2023 12:48

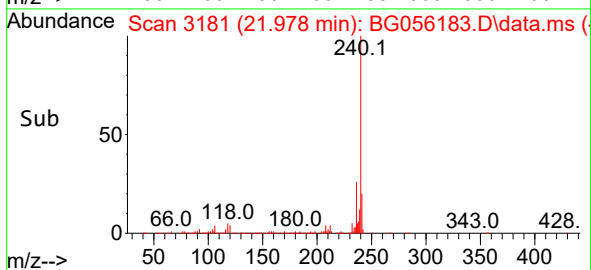
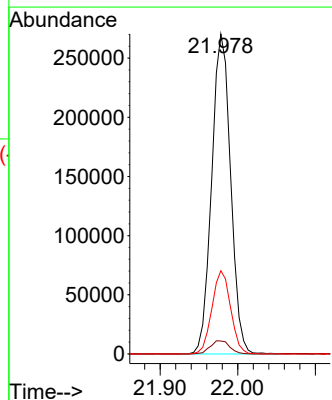
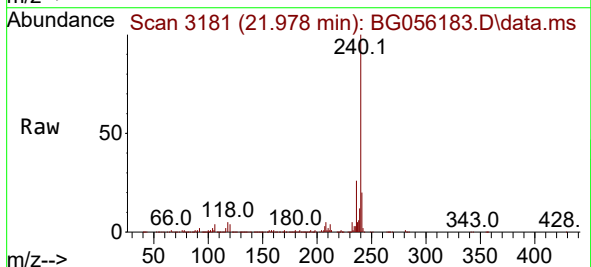
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PB150003BL

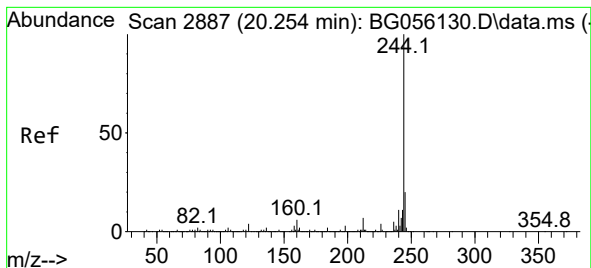
Tgt Ion:248 Resp: 20822
Ion Ratio Lower Upper
248 100
250 195.0 78.2 117.4#
141 390.6 37.6 56.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.978 min Scan# 3181
Delta R.T. -0.009 min
Lab File: BG056183.D
Acq: 3 Jan 2023 12:48

Tgt Ion:240 Resp: 460041
Ion Ratio Lower Upper
240 100
120 4.0 2.6 4.0#
236 26.0 20.8 31.2





#79

Terphenyl-d14

Concen: 82.060 ng

RT: 20.257 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG056183.D

Acq: 3 Jan 2023 12:48

Instrument :

BNA_G

ClientSampleId :

PB150003BL

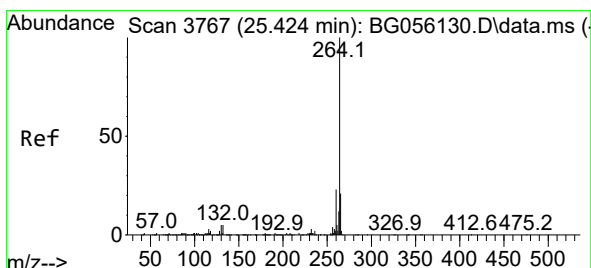
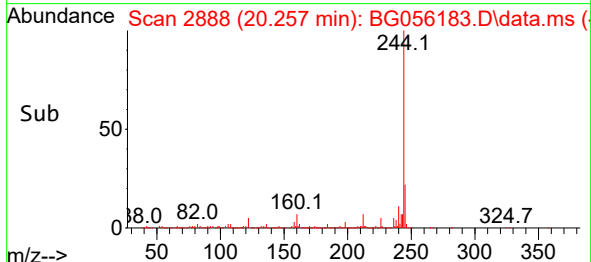
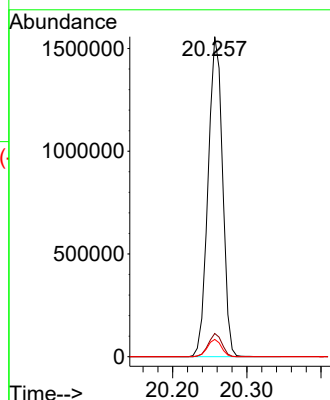
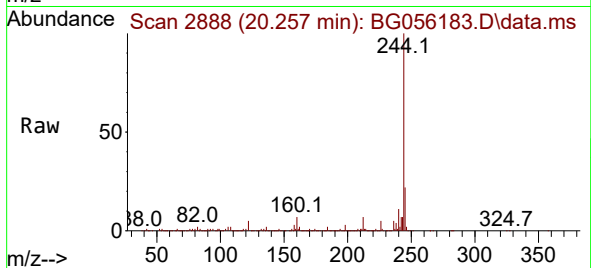
Tgt Ion:244 Resp: 2107761

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

122 5.4 3.5 5.3#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.439 min Scan# 3770

Delta R.T. -0.009 min

Lab File: BG056183.D

Acq: 3 Jan 2023 12:48

Tgt Ion:264 Resp: 448609

Ion Ratio Lower Upper

264 100

260 24.4 18.6 28.0

265 21.4 16.7 25.1

