

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG123022\
 Data File : BG056171.D
 Acq On : 30 Dec 2022 15:06
 Operator : CG/JU
 Sample : PB149967TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB149967TB

Quant Time: Dec 31 00:17:49 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)

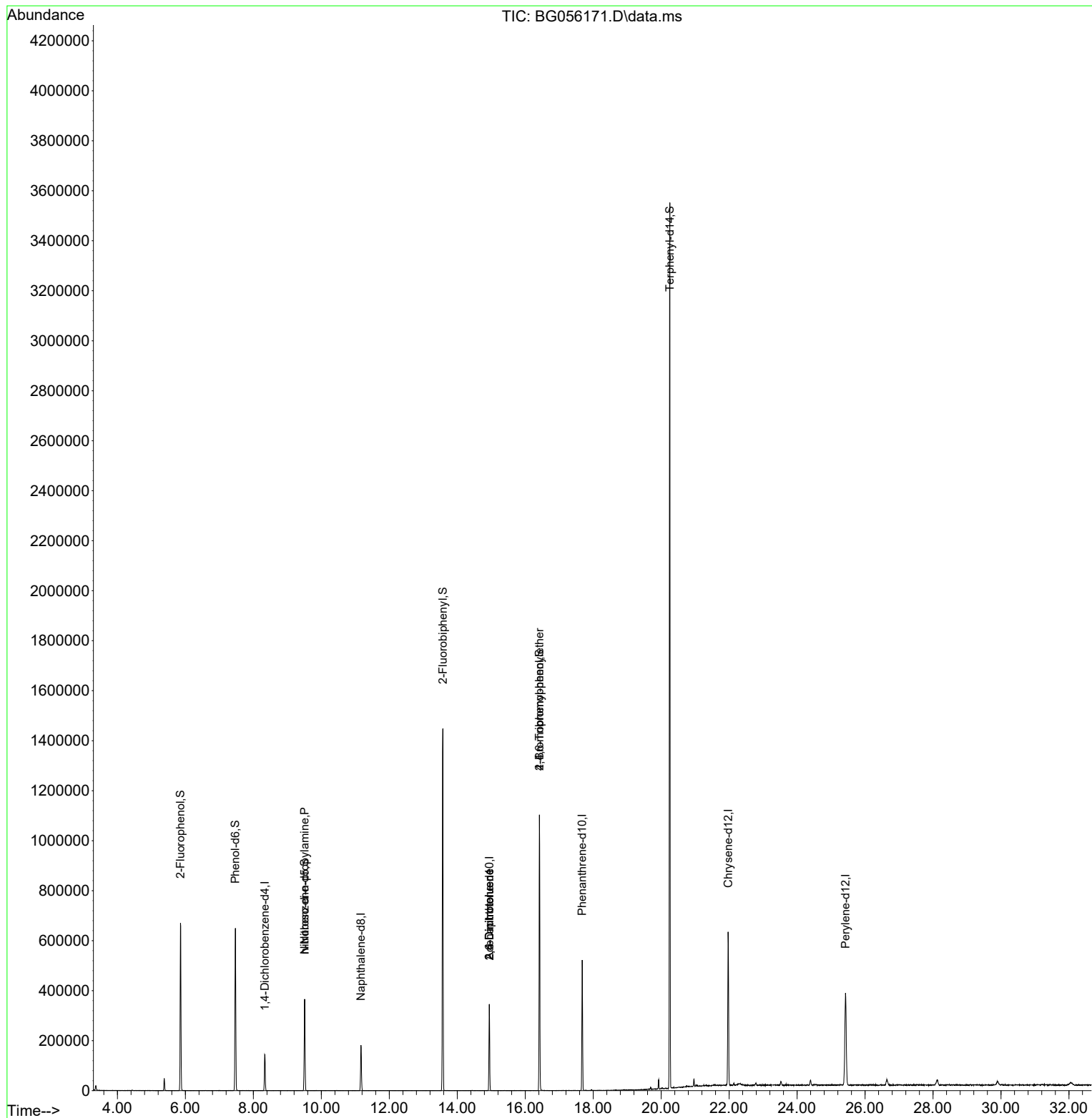
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.341	152	49546	20.000	ng	0.00
21) Naphthalene-d8	11.167	136	169411	20.000	ng	# 0.00
39) Acenaphthene-d10	14.945	164	136370	20.000	ng	0.00
64) Phenanthrene-d10	17.677	188	369551	20.000	ng	0.00
76) Chrysene-d12	21.972	240	446099	20.000	ng	0.00
86) Perylene-d12	25.426	264	432861	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.855	112	377600	136.076	ng	0.00
7) Phenol-d6	7.471	99	503567	118.167	ng	0.00
23) Nitrobenzene-d5	9.510	82	261132	78.846	ng	0.00
42) 2,4,6-Tribromophenol	16.419	330	221514	128.257	ng	0.00
45) 2-Fluorobiphenyl	13.576	172	826918	83.735	ng	0.00
79) Terphenyl-d14	20.256	244	1998211	80.227	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.510	70	33904	13.084	ng	# 75
51) 2,6-Dinitrotoluene	14.945	165	17712	7.551	ng	# 32
57) 2,4-Dinitrotoluene	14.945	165	17712	5.399	ng	# 29
67) 4-Bromophenyl-phenylether	16.419	248	18960	4.029	ng	# 1

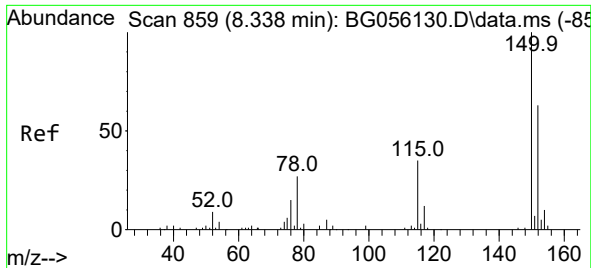
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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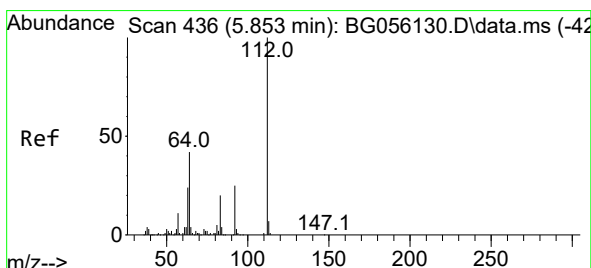
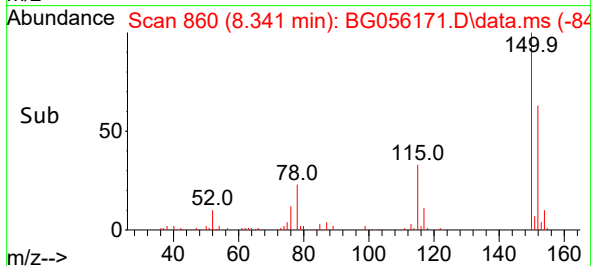
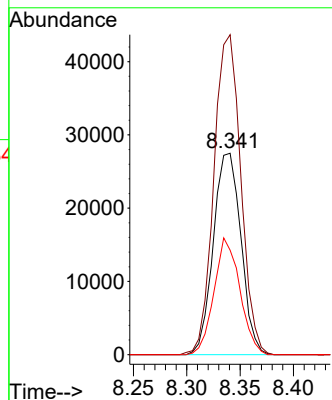
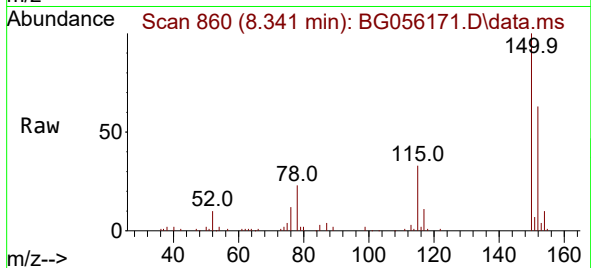




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.341 min Scan# 80
Delta R.T. 0.003 min
Lab File: BG056171.D
Acq: 30 Dec 2022 15:06

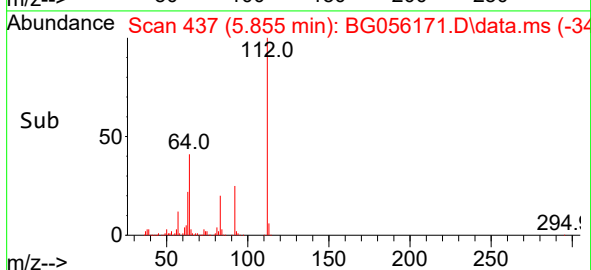
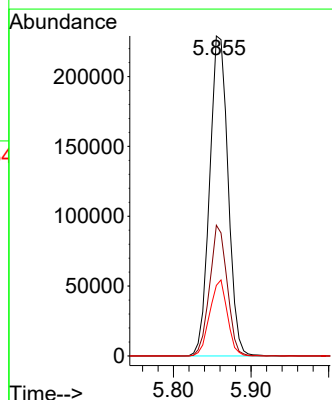
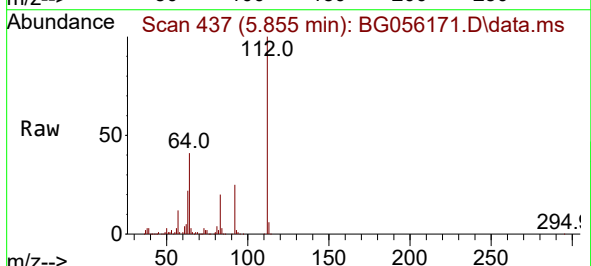
Instrument :
BNA_G
ClientSampleId :
PB149967TB

Tgt Ion:152 Resp: 49546
Ion Ratio Lower Upper
152 100
150 158.8 127.9 191.9
115 51.9 44.2 66.2



#5
2-Fluorophenol
Concen: 136.076 ng
RT: 5.855 min Scan# 437
Delta R.T. 0.002 min
Lab File: BG056171.D
Acq: 30 Dec 2022 15:06

Tgt Ion:112 Resp: 377600
Ion Ratio Lower Upper
112 100
64 40.9 33.3 49.9
63 22.0 19.0 28.4

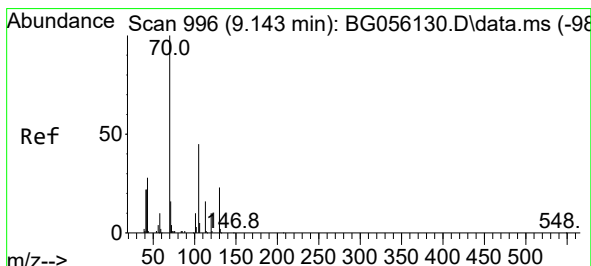
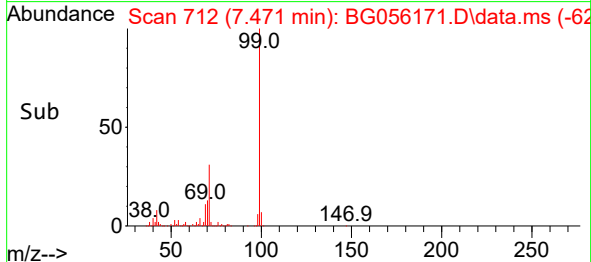
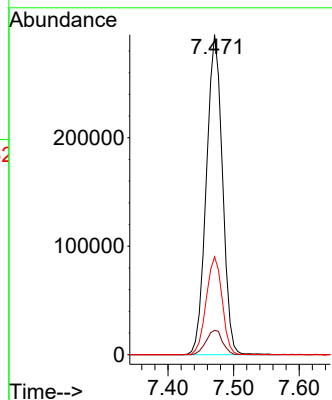
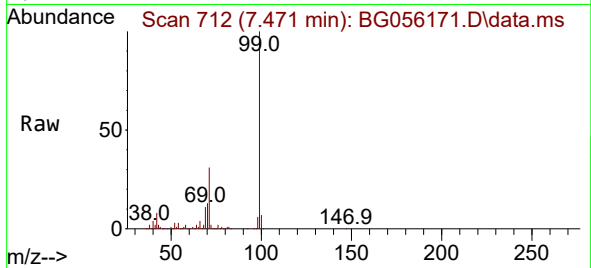




#7
Phenol-d6
Concen: 118.167 ng
RT: 7.471 min Scan# 711
Delta R.T. 0.002 min
Lab File: BG056171.D
Acq: 30 Dec 2022 15:06

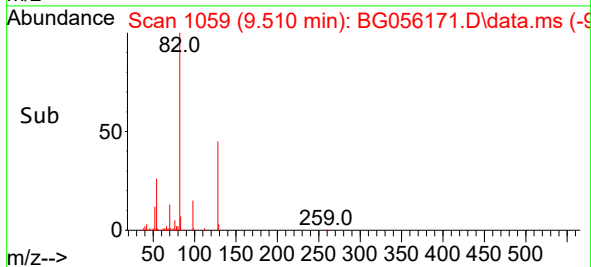
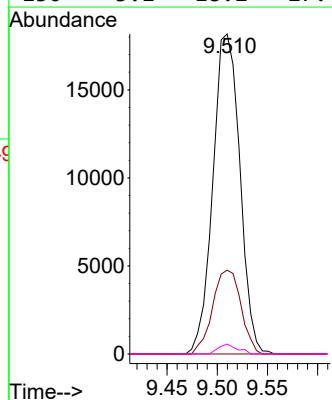
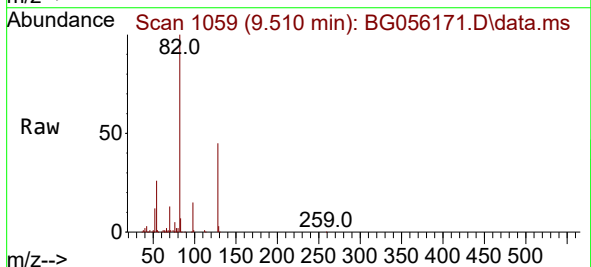
Instrument :
BNA_G
ClientSampleId :
PB149967TB

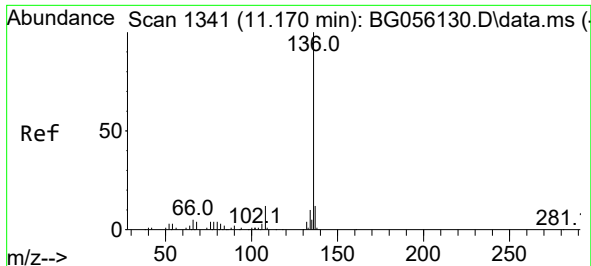
Tgt Ion: 99 Resp: 503567
Ion Ratio Lower Upper
99 100
42 7.6 5.9 8.9
71 30.6 25.4 38.2



#19
n-Nitroso-di-n-propylamine
Concen: 13.084 ng
RT: 9.510 min Scan# 1059
Delta R.T. 0.367 min
Lab File: BG056171.D
Acq: 30 Dec 2022 15:06

Tgt Ion: 70 Resp: 33904
Ion Ratio Lower Upper
70 100
42 26.2 18.2 27.2
101 0.0 8.3 12.5#
130 3.1 18.2 27.4#

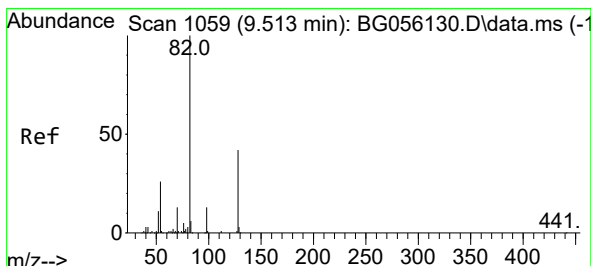
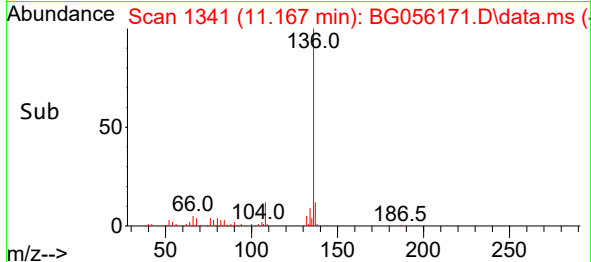
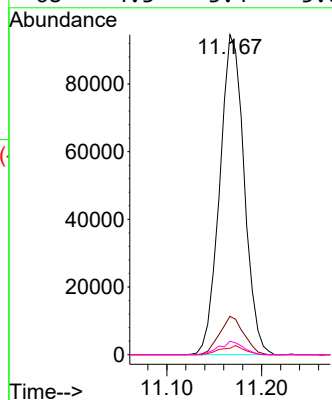
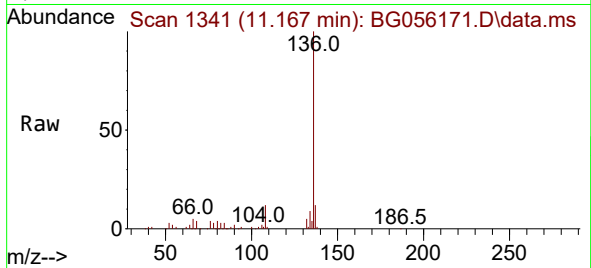




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.167 min Scan# 111
Delta R.T. -0.004 min
Lab File: BG056171.D
Acq: 30 Dec 2022 15:06

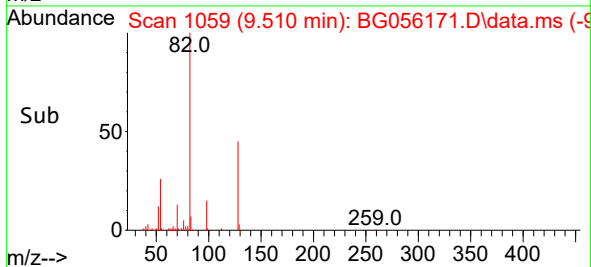
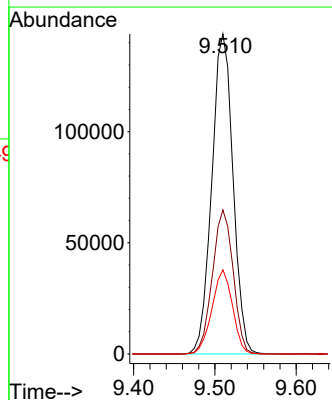
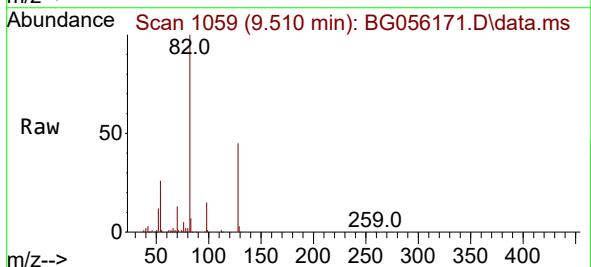
Instrument :
BNA_G
ClientSampleId :
PB149967TB

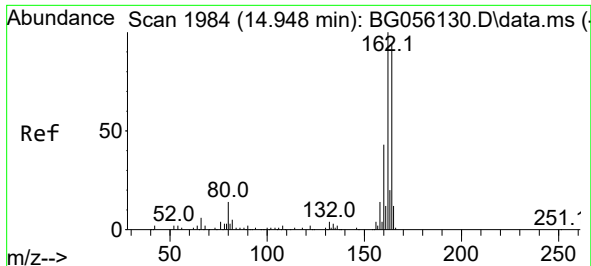
Tgt Ion:136 Resp: 169411
Ion Ratio Lower Upper
136 100
137 12.0 9.4 14.0
54 2.0 2.2 3.2#
68 4.3 3.4 5.0



#23
Nitrobenzene-d5
Concen: 78.846 ng
RT: 9.510 min Scan# 1059
Delta R.T. -0.004 min
Lab File: BG056171.D
Acq: 30 Dec 2022 15:06

Tgt Ion: 82 Resp: 261132
Ion Ratio Lower Upper
82 100
128 45.0 33.4 50.2
54 26.3 20.3 30.5

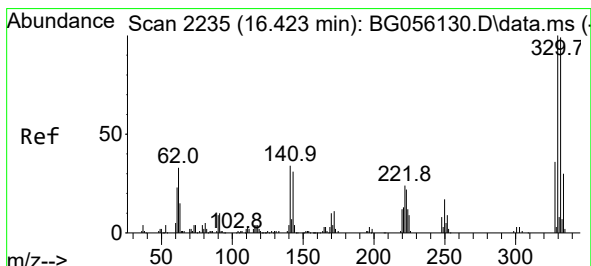
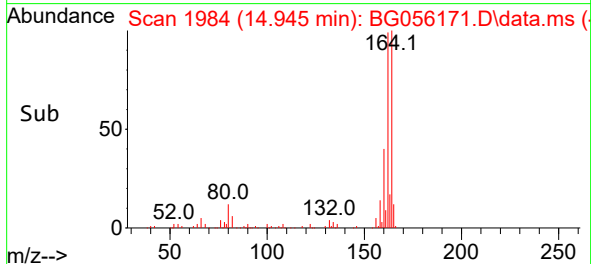
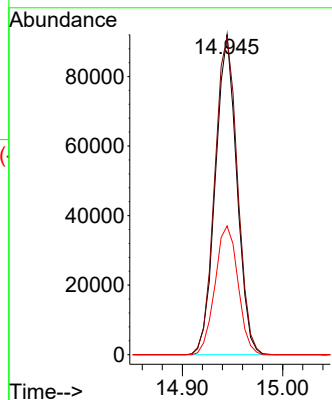
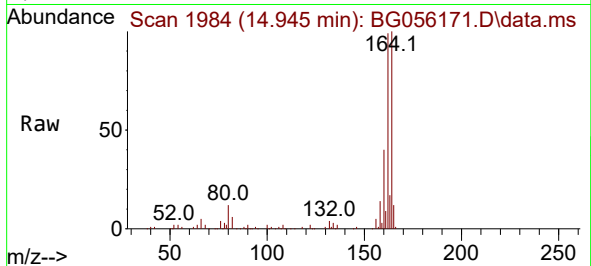




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.945 min Scan# 1984
 Delta R.T. -0.004 min
 Lab File: BG056171.D
 Acq: 30 Dec 2022 15:06

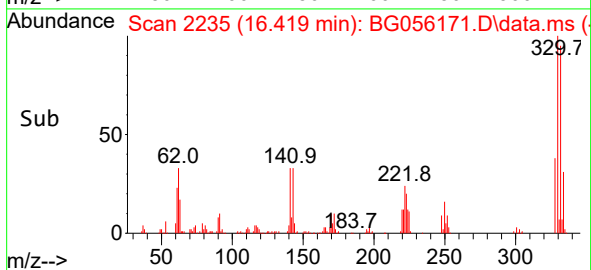
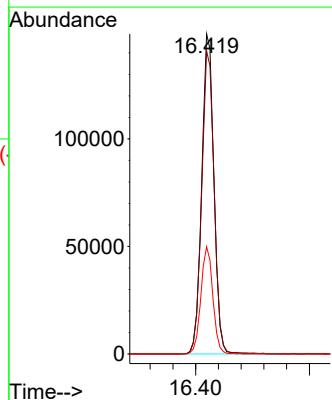
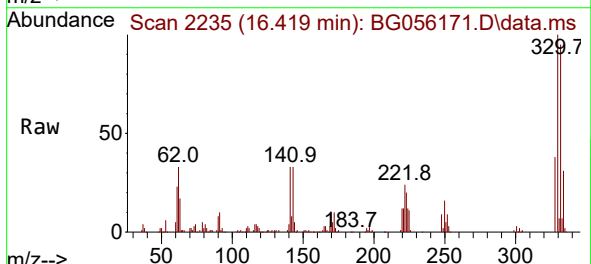
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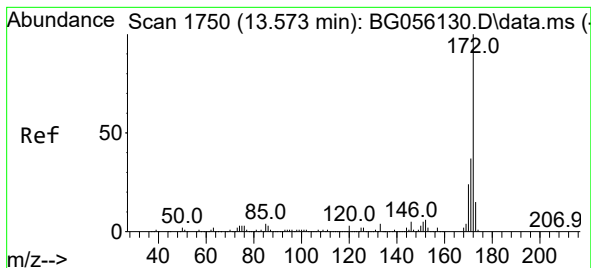
Tgt Ion:164 Resp: 136370
 Ion Ratio Lower Upper
 164 100
 162 99.3 84.7 127.1
 160 40.2 36.3 54.5



#42
 2,4,6-Tribromophenol
 Concen: 128.257 ng
 RT: 16.419 min Scan# 2235
 Delta R.T. -0.004 min
 Lab File: BG056171.D
 Acq: 30 Dec 2022 15:06

Tgt Ion:330 Resp: 221514
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.3 115.9
 141 32.8 27.9 41.9





#45

2-Fluorobiphenyl

Concen: 83.735 ng

RT: 13.576 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG056171.D

Acq: 30 Dec 2022 15:06

Instrument :

BNA_G

ClientSampleId :

PB149967TB

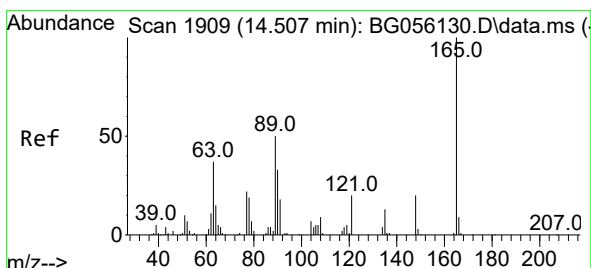
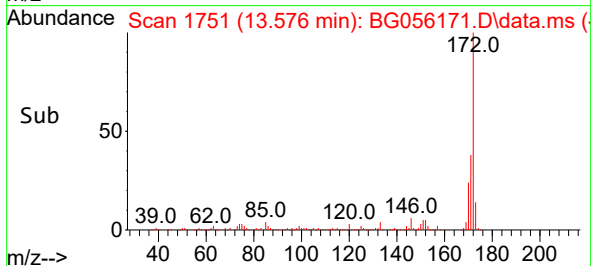
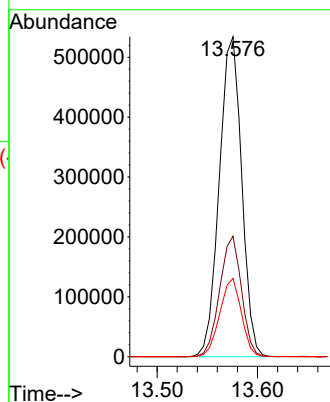
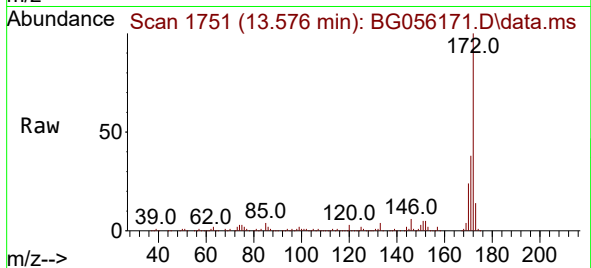
Tgt Ion:172 Resp: 826918

Ion Ratio Lower Upper

172 100

171 37.7 29.6 44.4

170 24.4 19.4 29.2



#51

2,6-Dinitrotoluene

Concen: 7.551 ng

RT: 14.945 min Scan# 1984

Delta R.T. 0.437 min

Lab File: BG056171.D

Acq: 30 Dec 2022 15:06

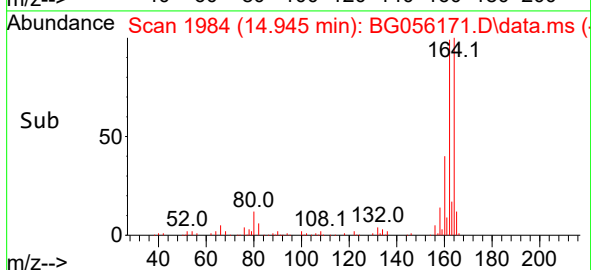
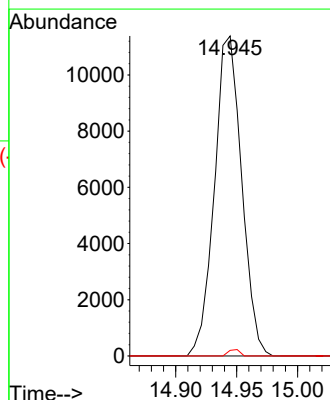
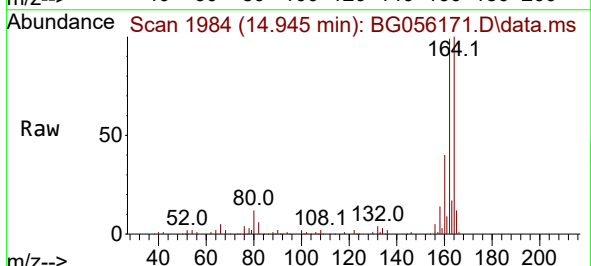
Tgt Ion:165 Resp: 17712

Ion Ratio Lower Upper

165 100

63 0.0 32.2 48.2#

89 1.7 39.8 59.8#

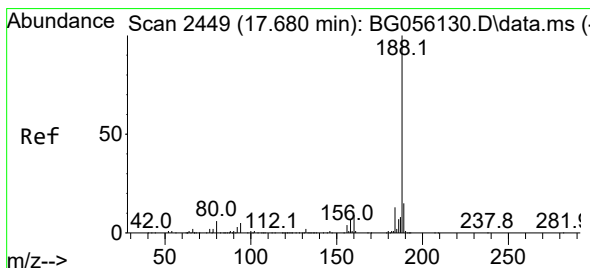
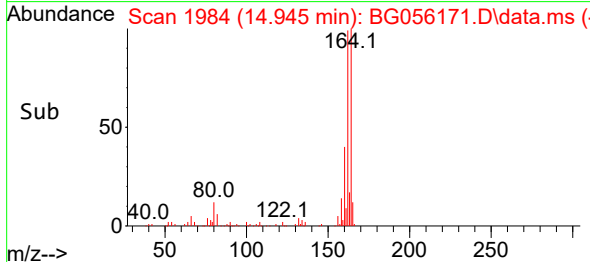
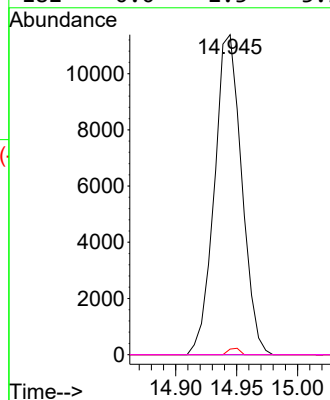
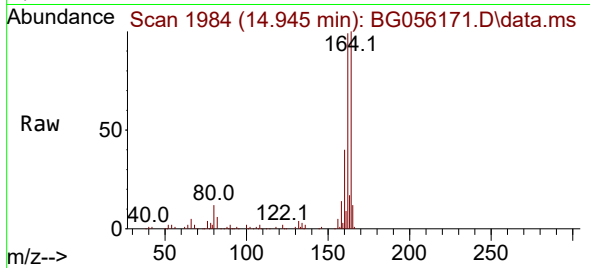




#57
2,4-Dinitrotoluene
Concen: 5.399 ng
RT: 14.945 min Scan# 1984
Delta R.T. -0.344 min
Lab File: BG056171.D
Acq: 30 Dec 2022 15:06

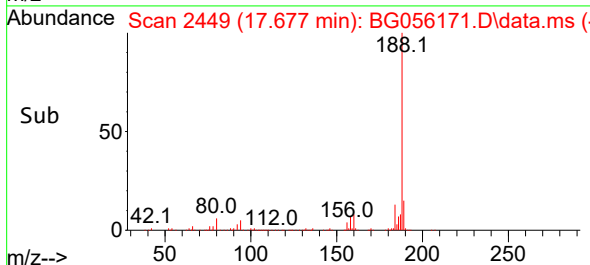
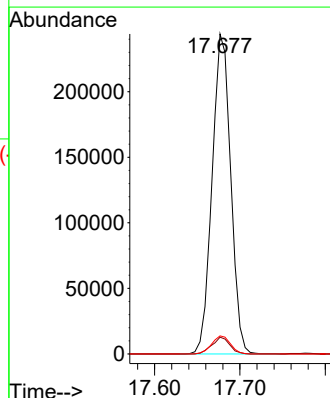
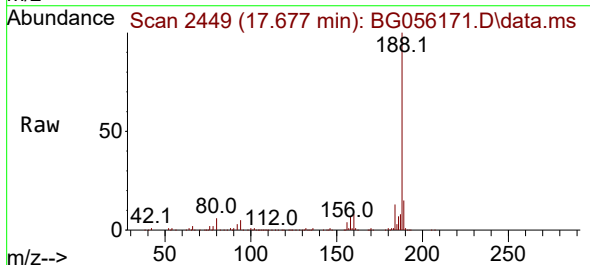
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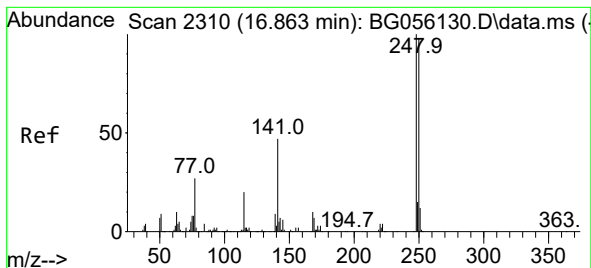
Tgt Ion:165 Resp: 17712
Ion Ratio Lower Upper
165 100
63 0.0 22.6 34.0#
89 1.7 53.2 79.8#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.677 min Scan# 2449
Delta R.T. -0.003 min
Lab File: BG056171.D
Acq: 30 Dec 2022 15:06

Tgt Ion:188 Resp: 369551
Ion Ratio Lower Upper
188 100
94 5.3 4.2 6.2
80 5.6 5.0 7.4

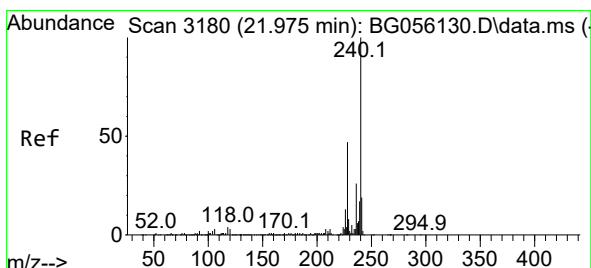
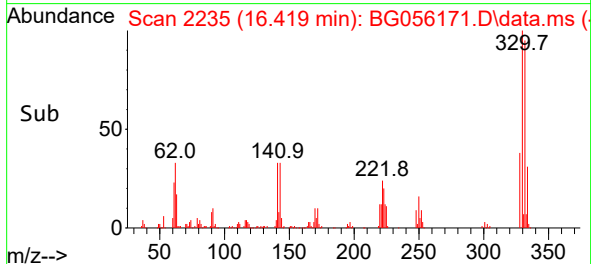
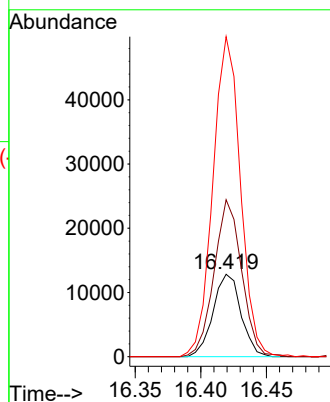
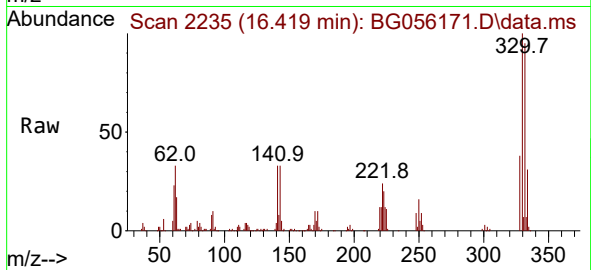




#67
4-Bromophenyl-phenylether
Concen: 4.029 ng
RT: 16.419 min Scan# 21
Delta R.T. -0.444 min
Lab File: BG056171.D
Acq: 30 Dec 2022 15:06

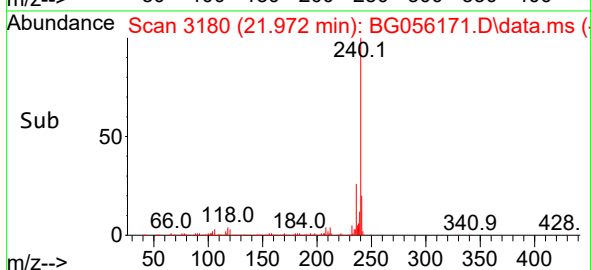
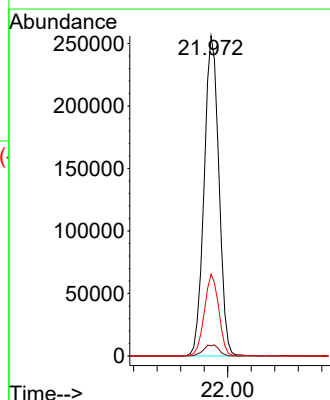
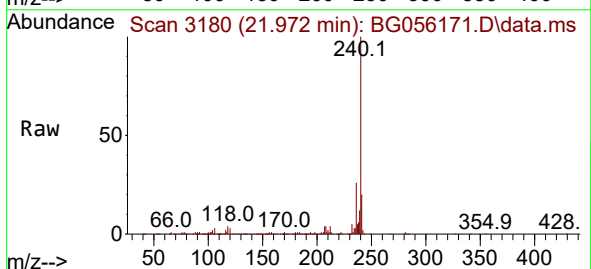
Instrument :
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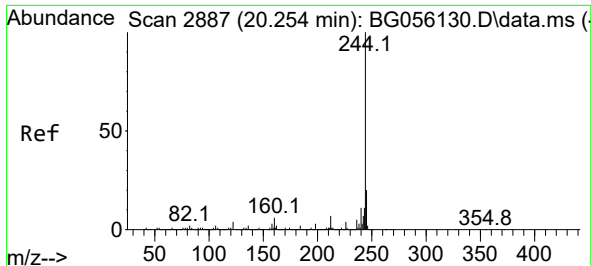
Tgt Ion:248 Resp: 18960
Ion Ratio Lower Upper
248 100
250 248.8 78.2 117.4#
141 388.3 37.6 56.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.972 min Scan# 3180
Delta R.T. -0.004 min
Lab File: BG056171.D
Acq: 30 Dec 2022 15:06

Tgt Ion:240 Resp: 446099
Ion Ratio Lower Upper
240 100
120 3.2 2.6 4.0
236 25.5 20.8 31.2

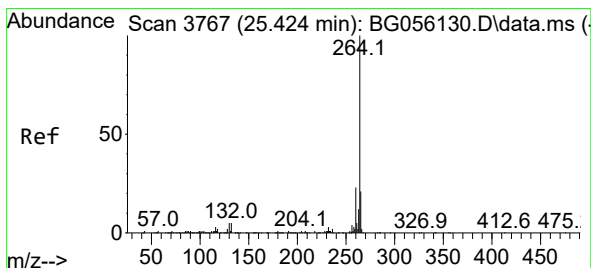
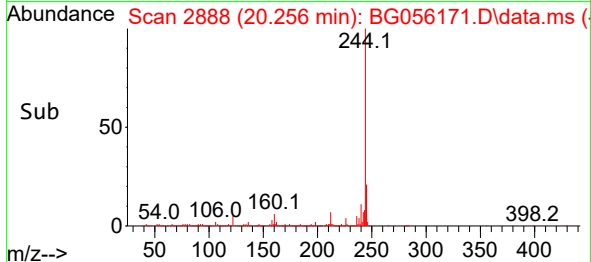
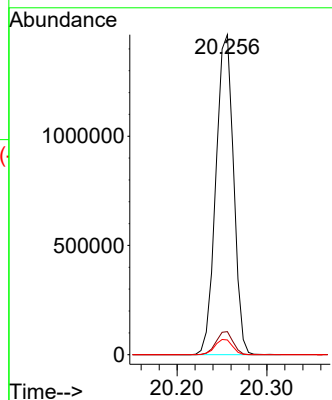
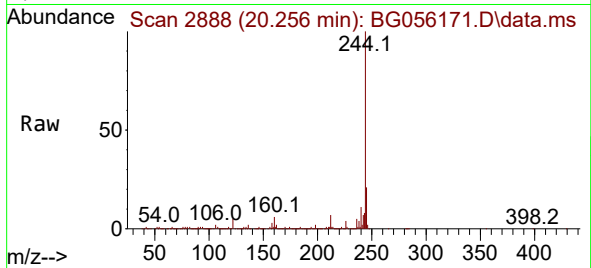




#79
 Terphenyl-d14
 Concen: 80.227 ng
 RT: 20.256 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BG056171.D
 Acq: 30 Dec 2022 15:06

Instrument :
 BNA_G
 ClientSampleId :
 PB149967TB

Tgt Ion:244 Resp: 1998211
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 4.6 3.5 5.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.426 min Scan# 3768
 Delta R.T. 0.002 min
 Lab File: BG056171.D
 Acq: 30 Dec 2022 15:06

Tgt Ion:264 Resp: 432861
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.6 28.0
 265 20.6 16.7 25.1

