

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060623\
 Data File : BG057662.D
 Acq On : 7 Jun 2023 8:43
 Operator : CG/JU
 Sample : PB153118TB
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB153118TB

Quant Time: Jun 07 10:18:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 03:51:58 2023
 Response via : Initial Calibration

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

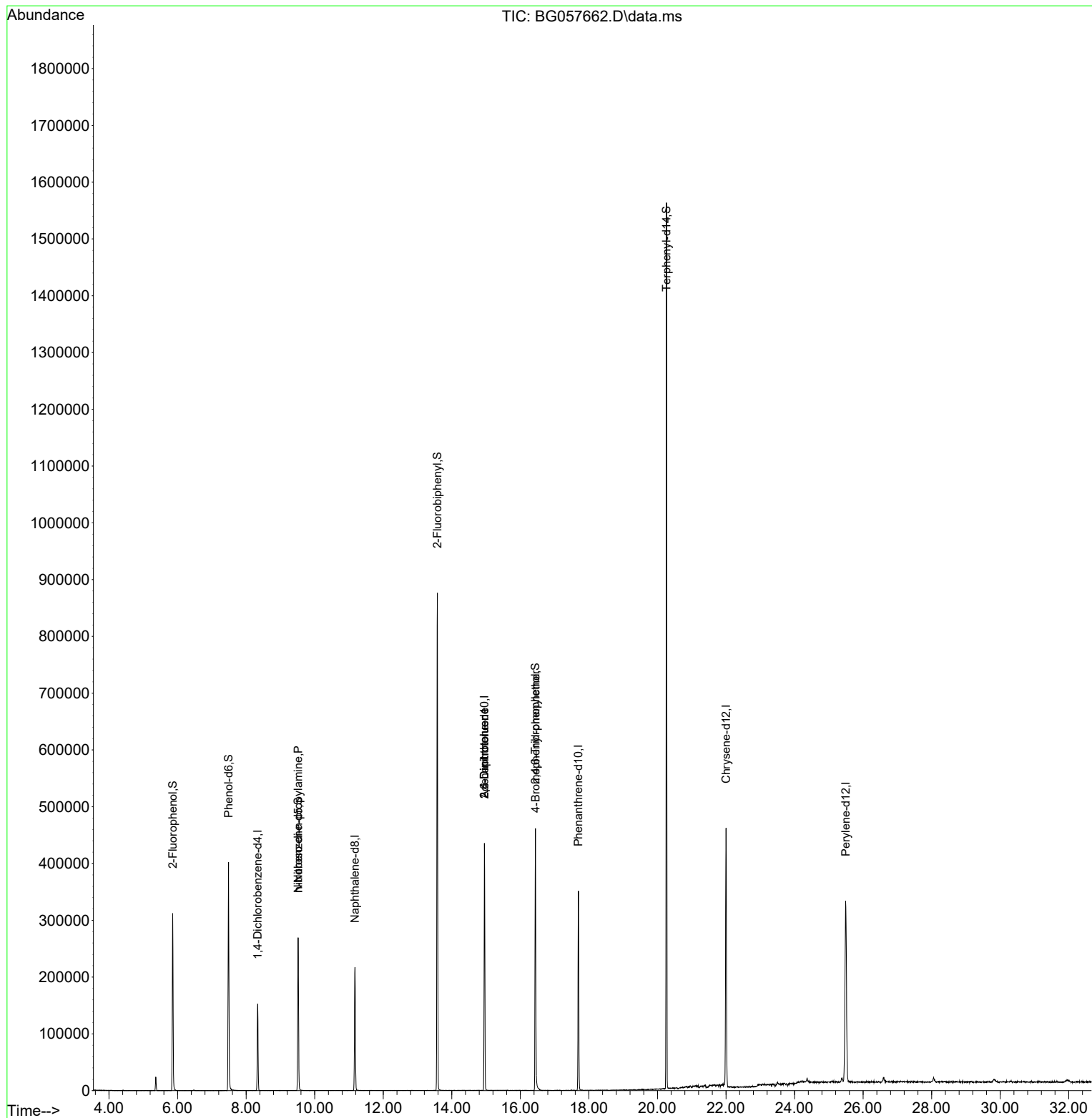
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.337	152	45077	20.000	ng	0.00
21) Naphthalene-d8	11.175	136	196701	20.000	ng	# 0.00
39) Acenaphthene-d10	14.952	164	158077	20.000	ng	0.00
64) Phenanthrene-d10	17.695	188	243709	20.000	ng	# 0.00
76) Chrysene-d12	22.001	240	301291	20.000	ng	0.00
86) Perylene-d12	25.491	264	378443	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.858	112	145870	56.220	ng	0.00
7) Phenol-d6	7.486	99	243389	59.939	ng	0.00
23) Nitrobenzene-d5	9.518	82	186908	44.419	ng	0.00
42) 2,4,6-Tribromophenol	16.438	330	108653	42.931	ng	0.00
45) 2-Fluorobiphenyl	13.577	172	495164	45.017	ng	0.00
79) Terphenyl-d14	20.263	244	799852	45.986	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.518	70	24707	8.758	ng	# 78
51) 2,6-Dinitrotoluene	14.952	165	20393	7.312	ng	# 27
57) 2,4-Dinitrotoluene	14.952	165	20393	4.884	ng	# 25
67) 4-Bromophenyl-phenylether	16.444	248	7180	2.626	ng	# 1

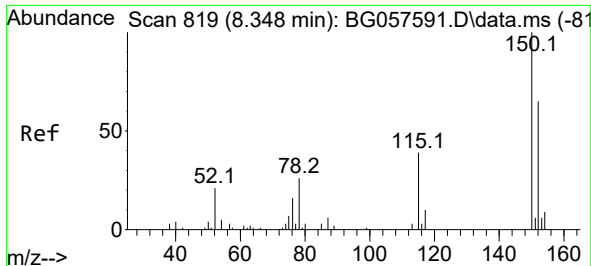
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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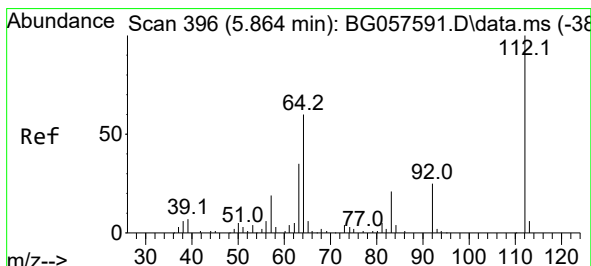
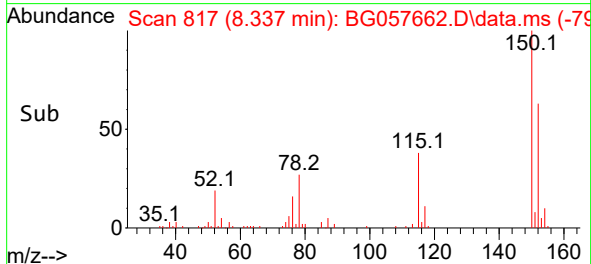
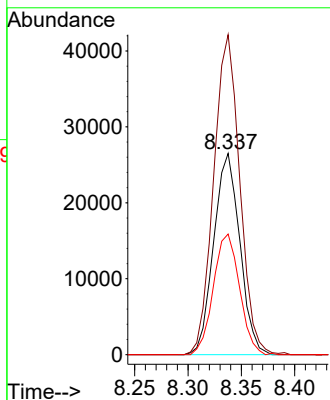
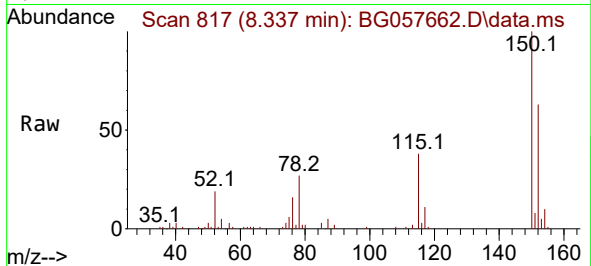




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.337 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG057662.D
Acq: 7 Jun 2023 8:43

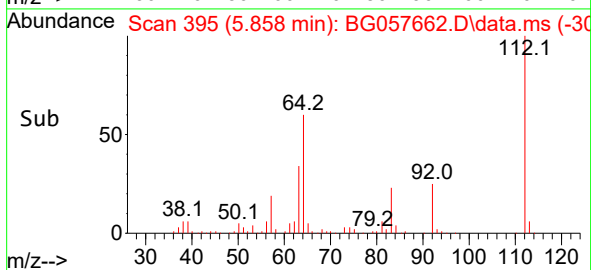
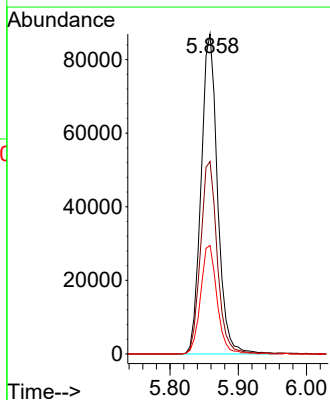
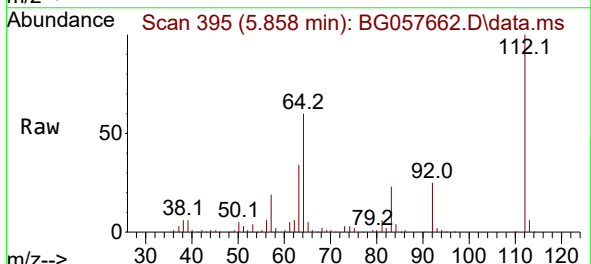
Instrument :
BNA_M
ClientSampleId :
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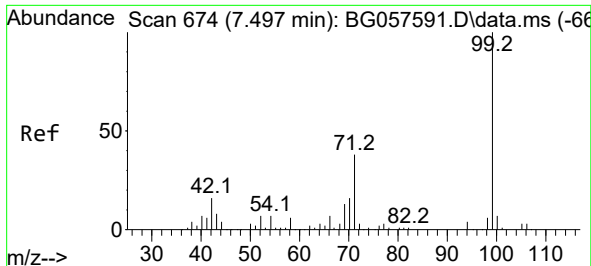
Tgt Ion:152 Resp: 45077
Ion Ratio Lower Upper
152 100
150 159.0 123.0 184.4
115 60.0 47.4 71.2



#5
2-Fluorophenol
Concen: 56.220 ng
RT: 5.858 min Scan# 395
Delta R.T. 0.004 min
Lab File: BG057662.D
Acq: 7 Jun 2023 8:43

Tgt Ion:112 Resp: 145870
Ion Ratio Lower Upper
112 100
64 60.1 47.8 71.6
63 33.9 27.8 41.8

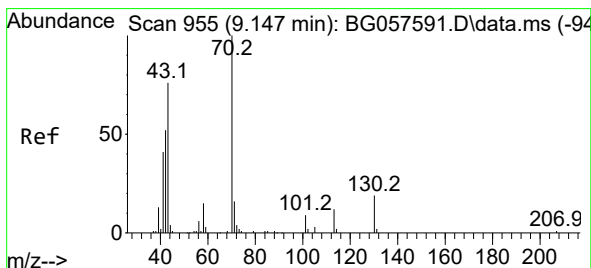
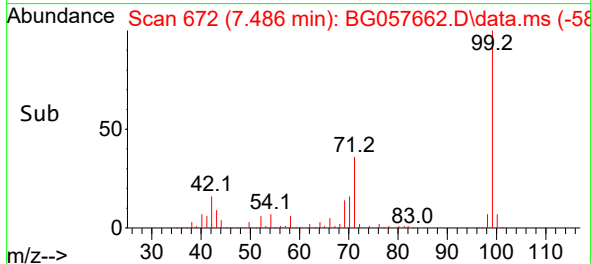
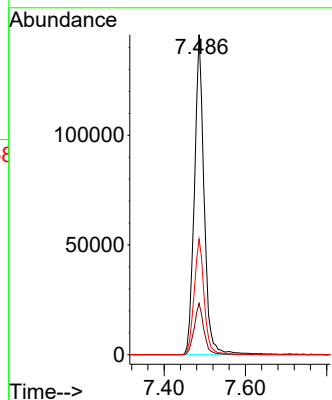
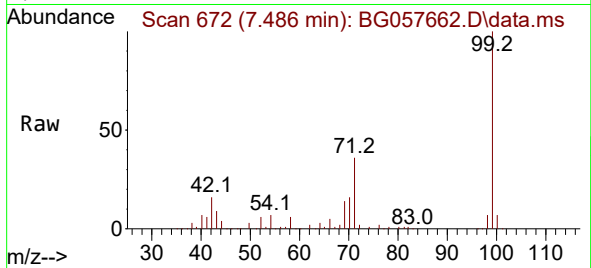




#7
Phenol-d6
Concen: 59.939 ng
RT: 7.486 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG057662.D
Acq: 7 Jun 2023 8:43

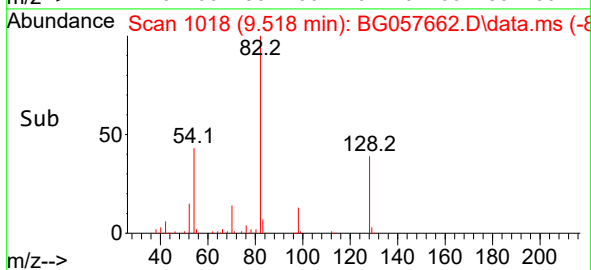
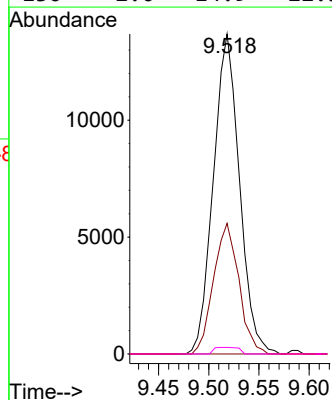
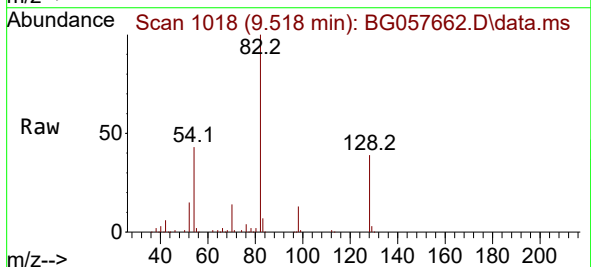
Instrument :
BNA_M
ClientSampleId :
PB153118TB

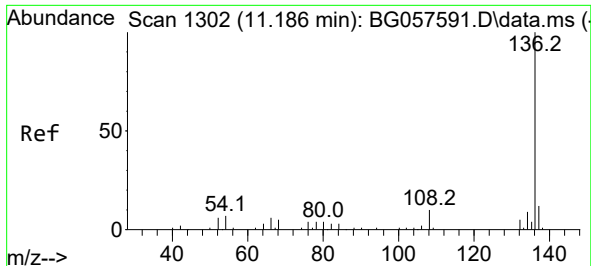
Tgt Ion: 99 Resp: 243389
Ion Ratio Lower Upper
99 100
42 16.0 12.8 19.2
71 36.1 30.3 45.5



#19
n-Nitroso-di-n-propylamine
Concen: 8.758 ng
RT: 9.518 min Scan# 1018
Delta R.T. 0.380 min
Lab File: BG057662.D
Acq: 7 Jun 2023 8:43

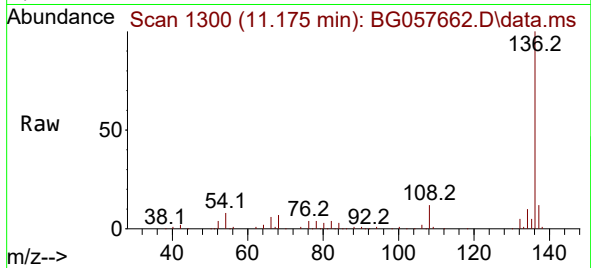
Tgt Ion: 70 Resp: 24707
Ion Ratio Lower Upper
70 100
42 40.8 41.4 62.0#
101 0.0 6.9 10.3#
130 2.0 14.9 22.3#



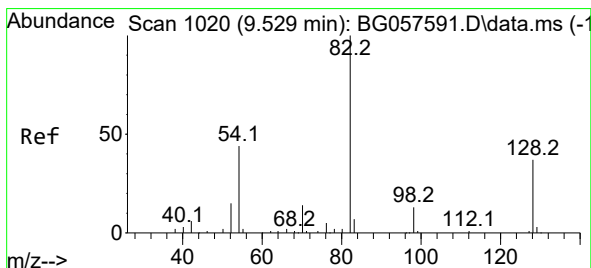
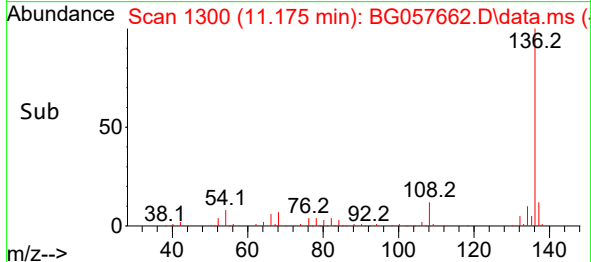
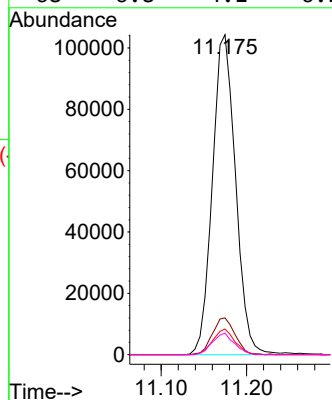


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.175 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG057662.D
Acq: 7 Jun 2023 8:43

Instrument :
BNA_M
ClientSampleId :
PB153118TB

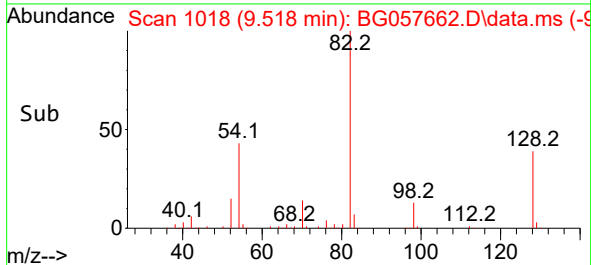
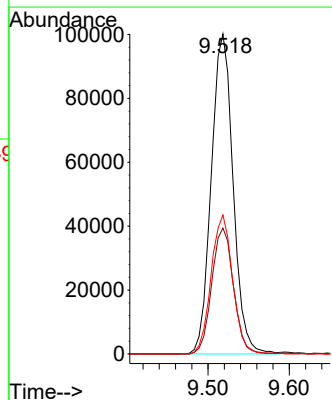
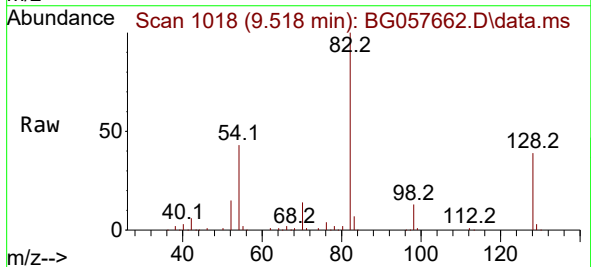


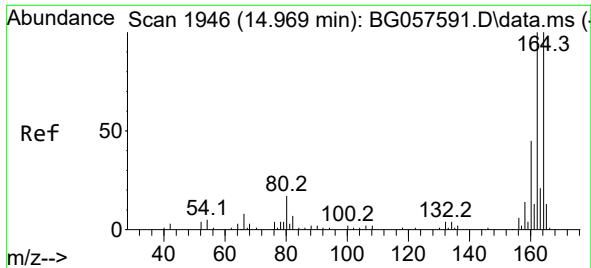
Tgt Ion:136 Resp: 196701
Ion Ratio Lower Upper
136 100
137 11.5 9.8 14.8
54 8.0 5.8 8.6
68 6.8 4.1 6.1#



#23
Nitrobenzene-d5
Concen: 44.419 ng
RT: 9.518 min Scan# 1018
Delta R.T. -0.002 min
Lab File: BG057662.D
Acq: 7 Jun 2023 8:43

Tgt Ion: 82 Resp: 186908
Ion Ratio Lower Upper
82 100
128 39.4 30.0 45.0
54 43.4 35.2 52.8

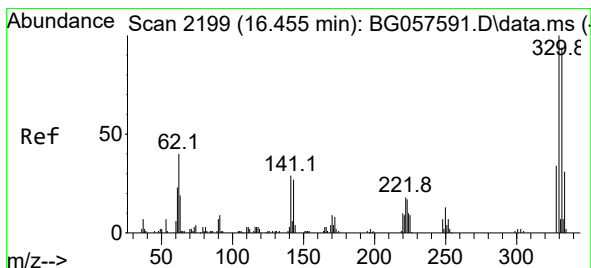
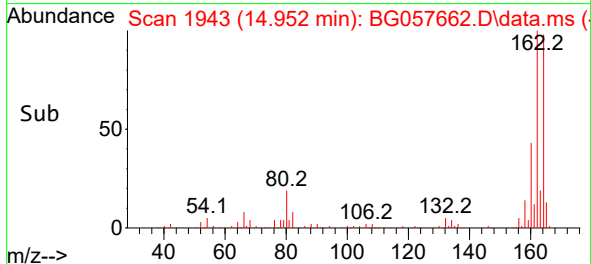
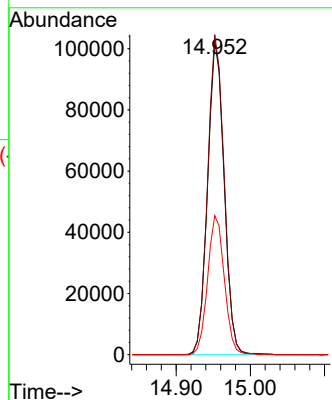
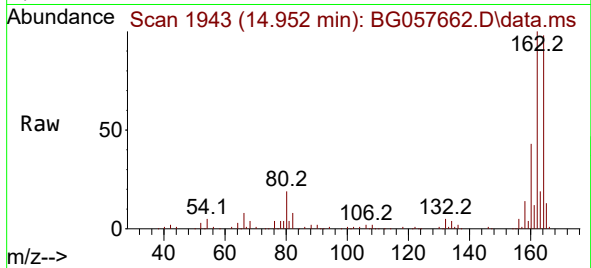




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.952 min Scan# 1943
Delta R.T. -0.008 min
Lab File: BG057662.D
Acq: 7 Jun 2023 8:43

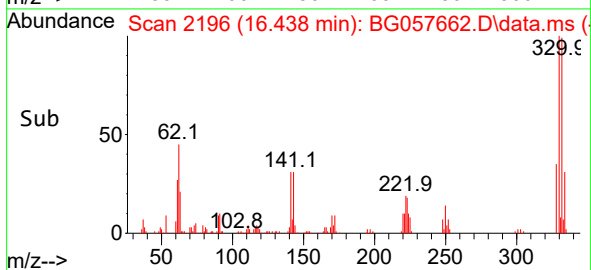
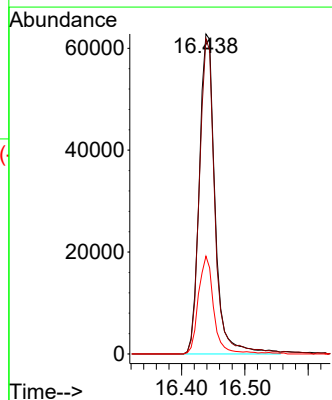
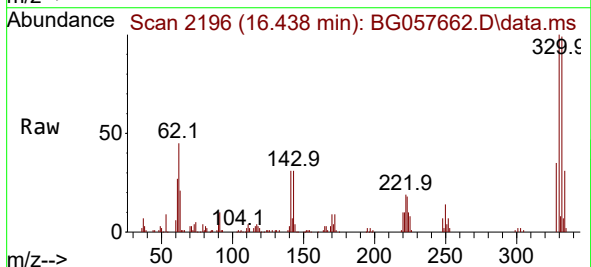
Instrument :
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ClientSampleId :
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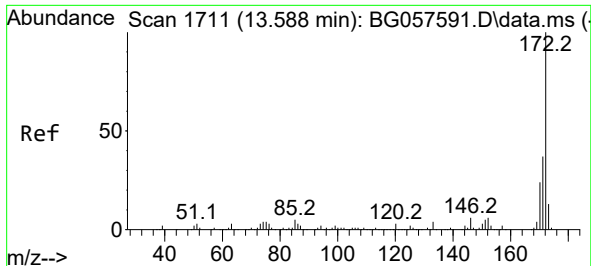
Tgt Ion:164 Resp: 158077
Ion Ratio Lower Upper
164 100
162 102.0 80.1 120.1
160 44.3 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 42.931 ng
RT: 16.438 min Scan# 2196
Delta R.T. -0.008 min
Lab File: BG057662.D
Acq: 7 Jun 2023 8:43

Tgt Ion:330 Resp: 108653
Ion Ratio Lower Upper
330 100
332 97.4 77.3 115.9
141 29.8 24.6 37.0

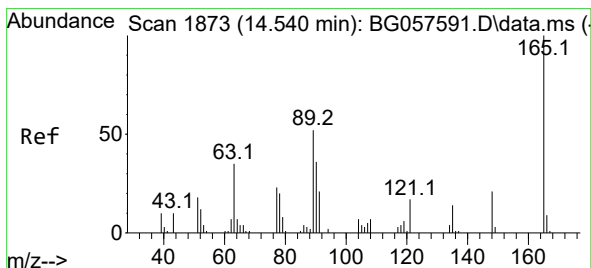
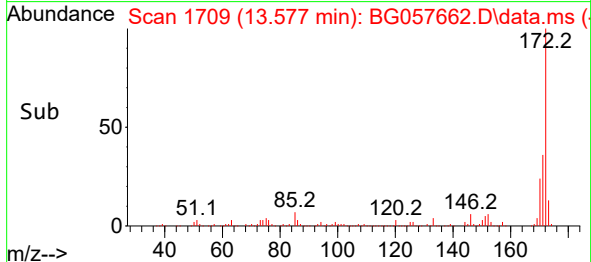
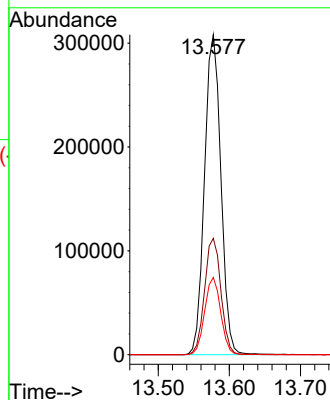
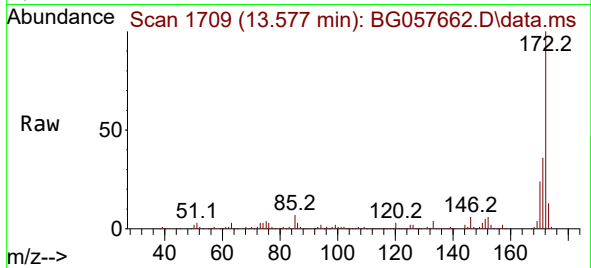




#45
2-Fluorobiphenyl
Concen: 45.017 ng
RT: 13.577 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG057662.D
Acq: 7 Jun 2023 8:43

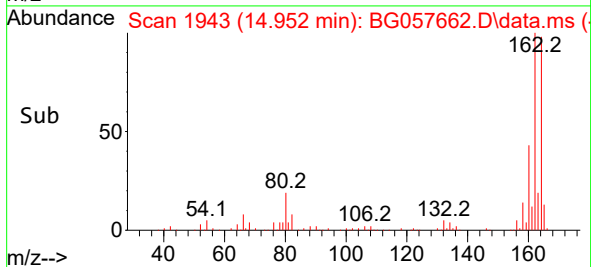
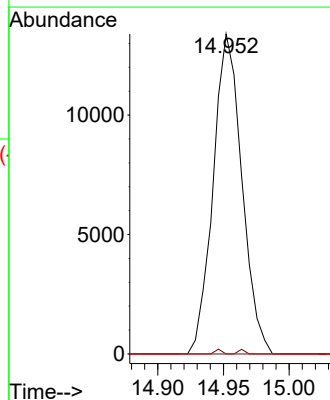
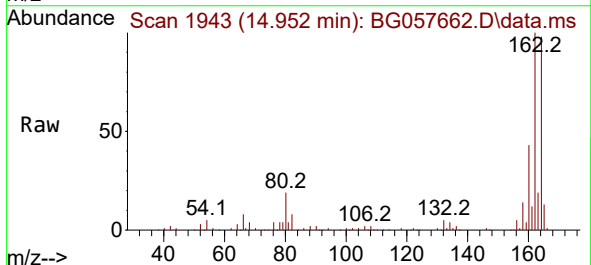
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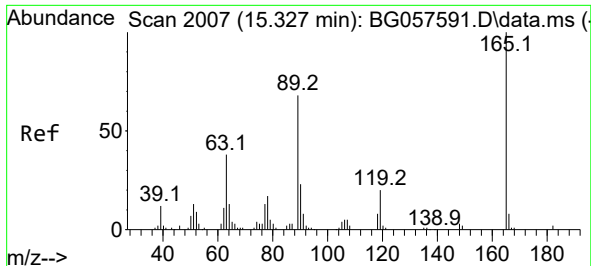
Tgt Ion:172 Resp: 495164
Ion Ratio Lower Upper
172 100
171 36.3 29.2 43.8
170 24.1 19.0 28.4



#51
2,6-Dinitrotoluene
Concen: 7.312 ng
RT: 14.952 min Scan# 1943
Delta R.T. 0.421 min
Lab File: BG057662.D
Acq: 7 Jun 2023 8:43

Tgt Ion:165 Resp: 20393
Ion Ratio Lower Upper
165 100
63 0.0 39.3 58.9#
89 0.0 41.5 62.3#





#57

2,4-Dinitrotoluene

Concen: 4.884 ng

RT: 14.952 min Scan# 14

Delta R.T. -0.372 min

Lab File: BG057662.D

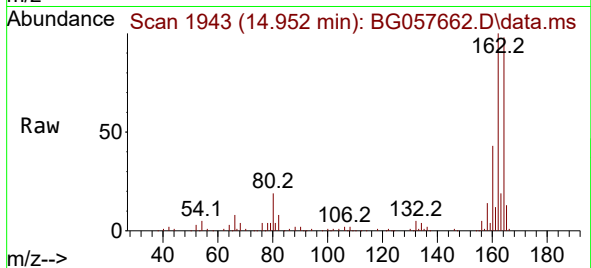
Acq: 7 Jun 2023 8:43

Instrument :

BNA_M

ClientSampleId :

PB153118TB



Tgt Ion:165 Resp: 20393

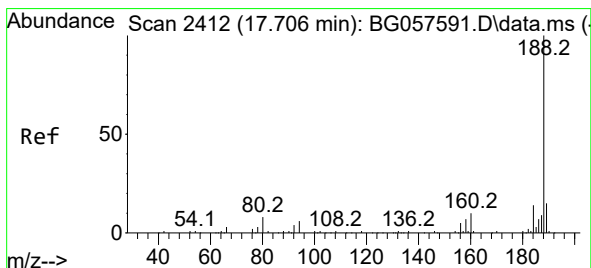
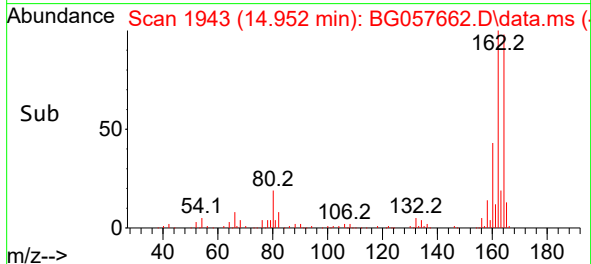
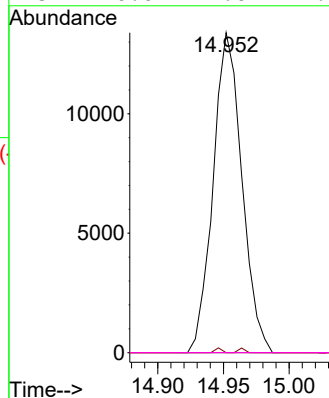
Ion Ratio Lower Upper

165 100

63 0.0 30.6 45.8#

89 0.0 54.2 81.2#

182 0.0 1.6 2.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.695 min Scan# 2410

Delta R.T. -0.002 min

Lab File: BG057662.D

Acq: 7 Jun 2023 8:43

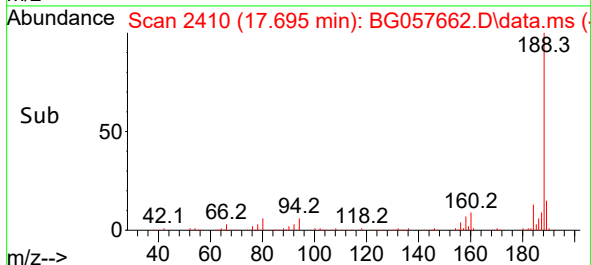
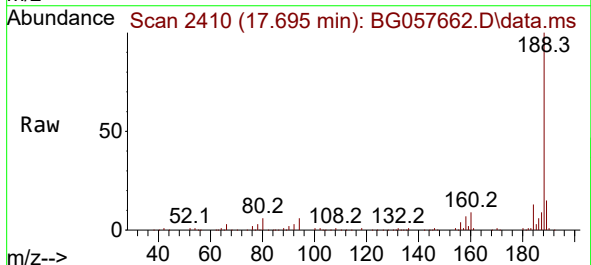
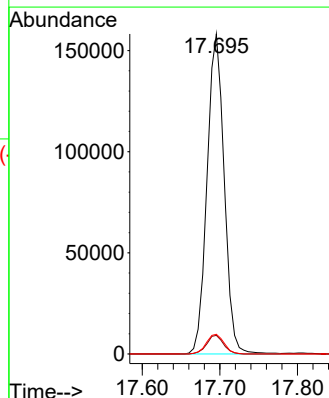
Tgt Ion:188 Resp: 243709

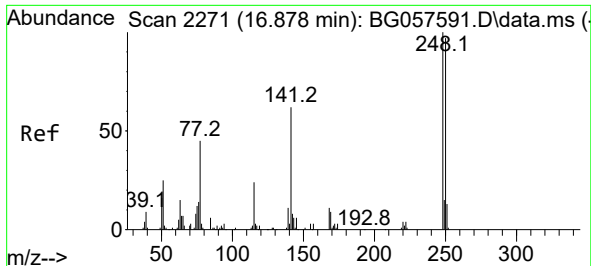
Ion Ratio Lower Upper

188 100

94 5.8 5.2 7.8

80 6.1 6.7 10.1#

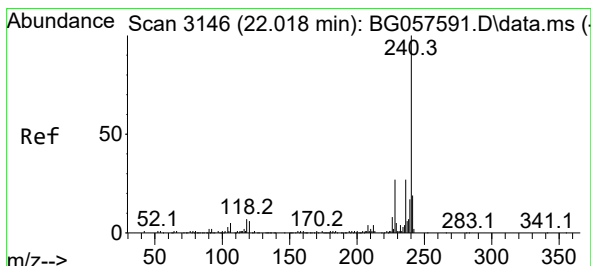
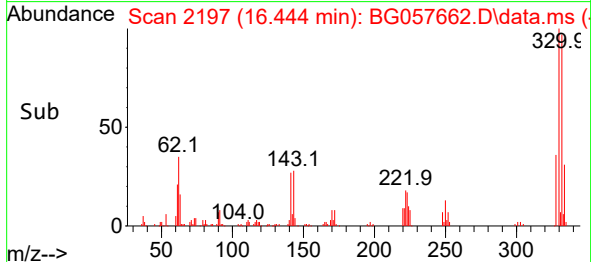
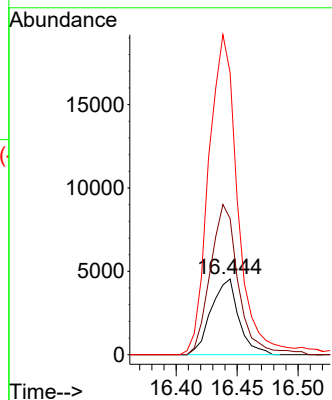
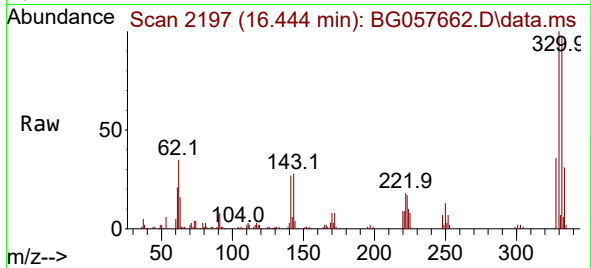




#67
4-Bromophenyl-phenylether
Concen: 2.626 ng
RT: 16.444 min Scan# 211
Delta R.T. -0.425 min
Lab File: BG057662.D
Acq: 7 Jun 2023 8:43

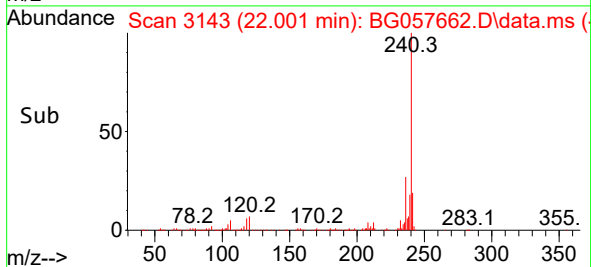
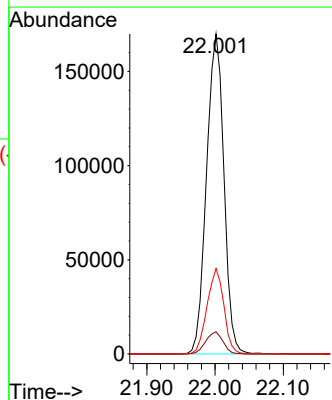
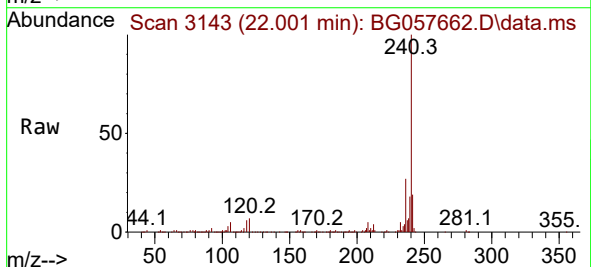
Instrument :
BNA_M
ClientSampleId :
PB153118TB

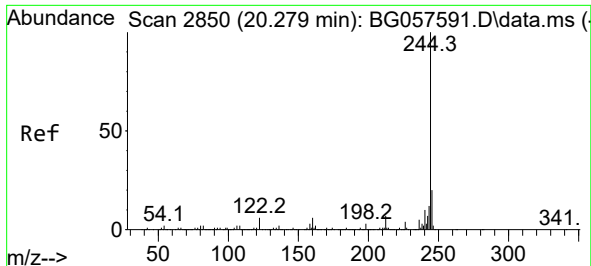
Tgt Ion:248 Resp: 7180
Ion Ratio Lower Upper
248 100
250 179.7 77.4 116.2#
141 372.6 49.4 74.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.001 min Scan# 3143
Delta R.T. -0.002 min
Lab File: BG057662.D
Acq: 7 Jun 2023 8:43

Tgt Ion:240 Resp: 301291
Ion Ratio Lower Upper
240 100
120 7.0 5.2 7.8
236 26.7 21.4 32.0

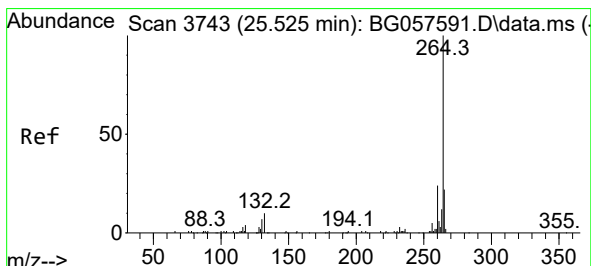
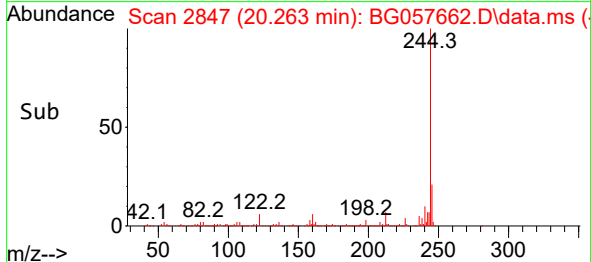
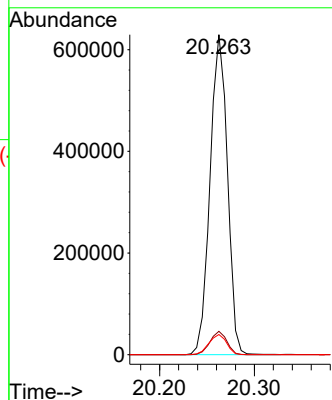
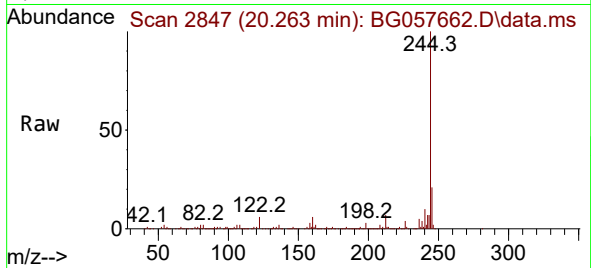




#79
 Terphenyl-d14
 Concen: 45.986 ng
 RT: 20.263 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG057662.D
 Acq: 7 Jun 2023 8:43

Instrument :
 BNA_M
 ClientSampleId :
 PB153118TB

Tgt Ion:244 Resp: 799852
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.6 8.4
 122 6.3 4.8 7.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.491 min Scan# 3737
 Delta R.T. -0.008 min
 Lab File: BG057662.D
 Acq: 7 Jun 2023 8:43

Tgt Ion:264 Resp: 378443
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.1 28.7
 265 22.2 17.7 26.5

