

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082823\
 Data File : BG058867.D
 Acq On : 28 Aug 2023 10:30
 Operator : MA/JU
 Sample : PB155083BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB155083BL

Quant Time: Aug 29 01:09:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 27 03:38:58 2023
 Response via : Initial Calibration

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

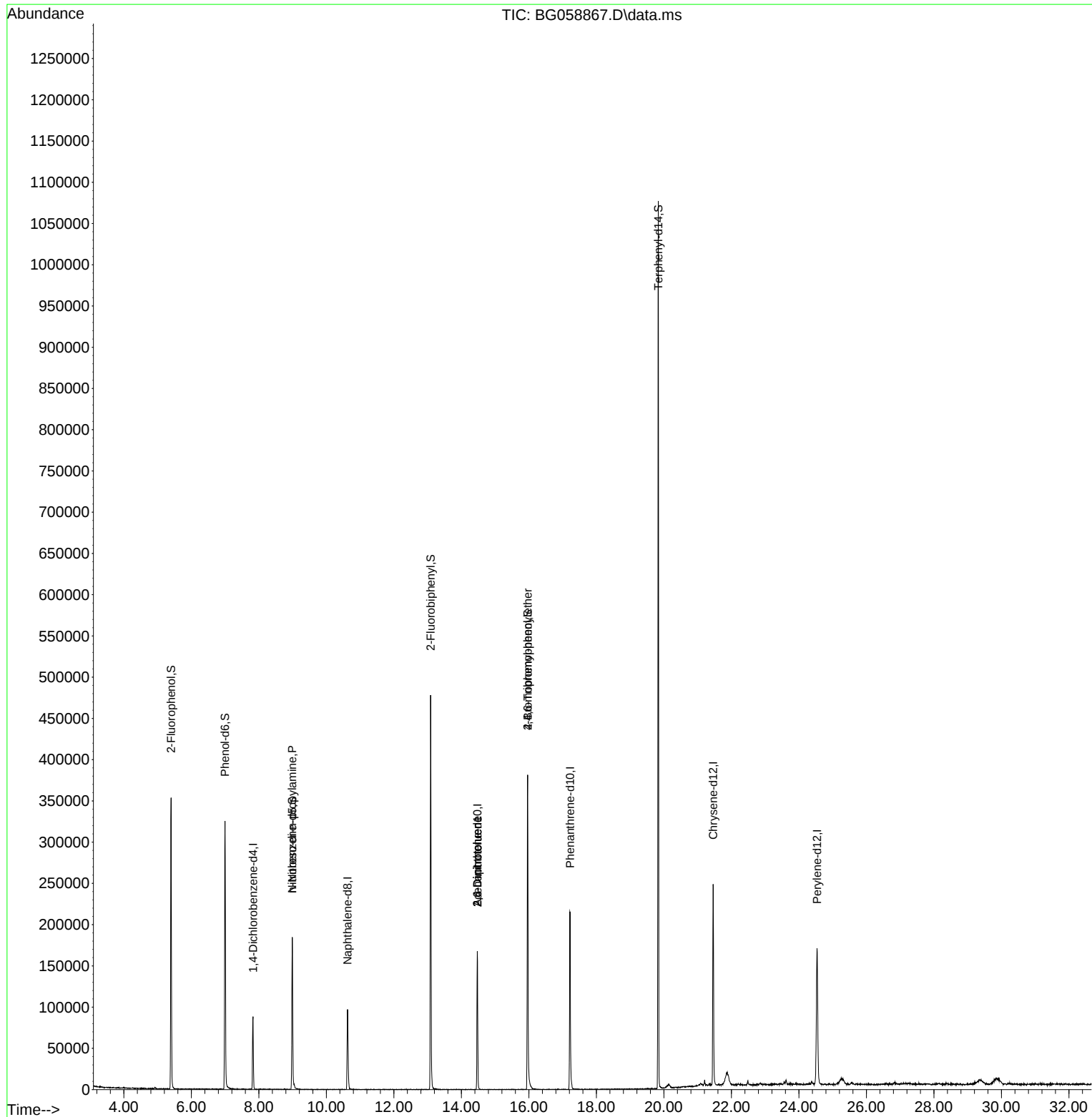
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.826	152	24437	20.000	ng	0.00
21) Naphthalene-d8	10.629	136	95875	20.000	ng	0.00
39) Acenaphthene-d10	14.471	164	66568	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	170912	20.000	ng	0.00
76) Chrysene-d12	21.457	240	164758	20.000	ng	0.00
86) Perylene-d12	24.536	264	199537	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.400	112	143304	94.370	ng	0.00
7) Phenol-d6	6.998	99	181673	85.272	ng	0.00
23) Nitrobenzene-d5	8.990	82	113051	56.691	ng	0.00
42) 2,4,6-Tribromophenol	15.964	330	95581	91.573	ng	0.00
45) 2-Fluorobiphenyl	13.091	172	269117	58.800	ng	0.00
79) Terphenyl-d14	19.836	244	566647	61.755	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.990	70	14785	10.736	ng	# 76
51) 2,6-Dinitrotoluene	14.471	165	8870	8.191	ng	# 22
57) 2,4-Dinitrotoluene	14.471	165	8870	5.873	ng	# 19
67) 4-Bromophenyl-phenylether	15.964	248	5891	3.141	ng	# 1

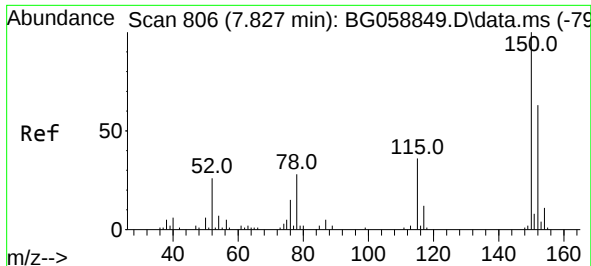
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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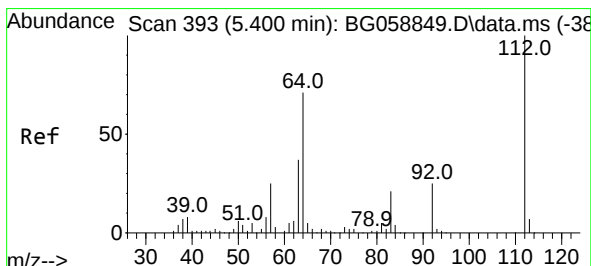
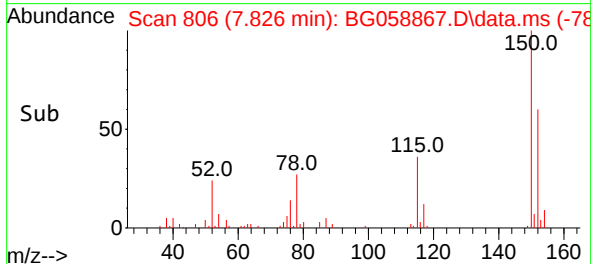
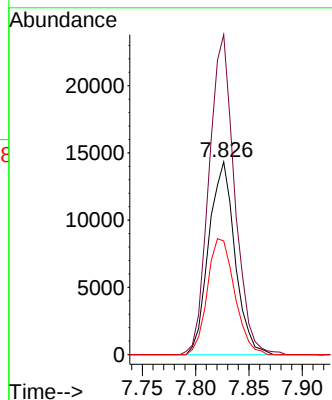
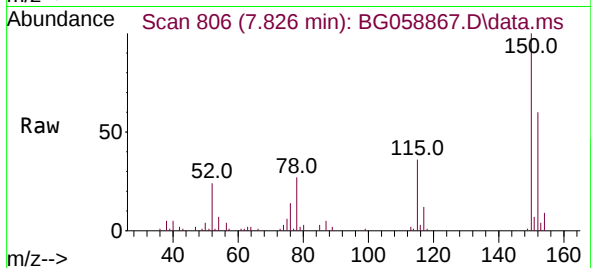




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.826 min Scan# 806
Delta R.T. -0.001 min
Lab File: BG058867.D
Acq: 28 Aug 2023 10:30

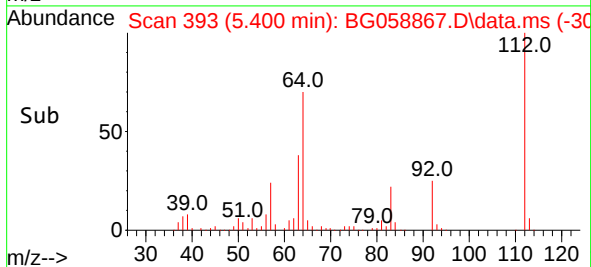
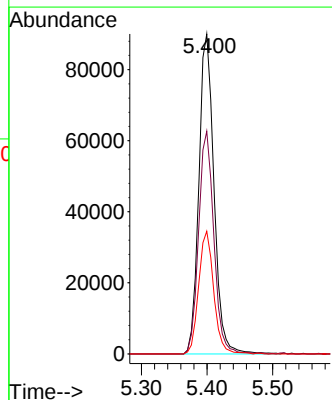
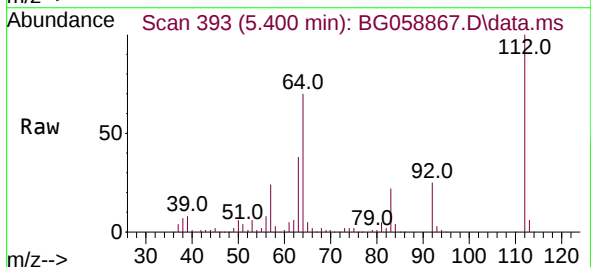
Instrument :
BNA_G
ClientSampleId :
PB155083BL

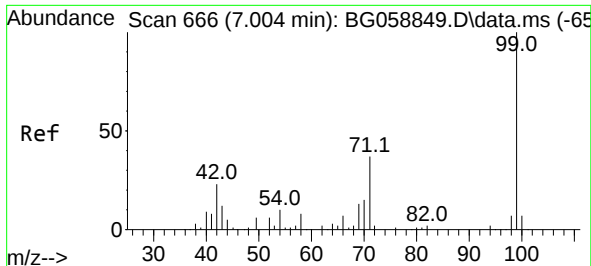
Tgt Ion:152 Resp: 24437
Ion Ratio Lower Upper
152 100
150 166.1 128.6 192.8
115 59.0 50.4 75.6



#5
2-Fluorophenol
Concen: 94.370 ng
RT: 5.400 min Scan# 393
Delta R.T. -0.000 min
Lab File: BG058867.D
Acq: 28 Aug 2023 10:30

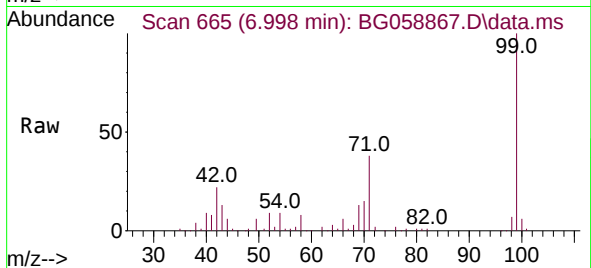
Tgt Ion:112 Resp: 143304
Ion Ratio Lower Upper
112 100
64 69.6 60.6 90.8
63 38.3 31.0 46.4



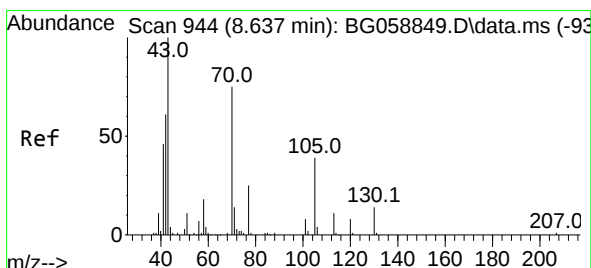
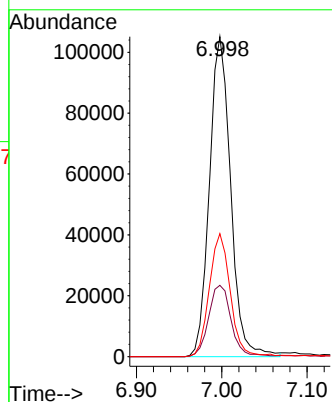
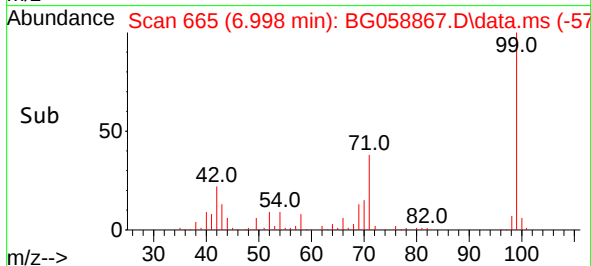


#7
Phenol-d6
Concen: 85.272 ng
RT: 6.998 min Scan# 60
Delta R.T. -0.006 min
Lab File: BG058867.D
Acq: 28 Aug 2023 10:30

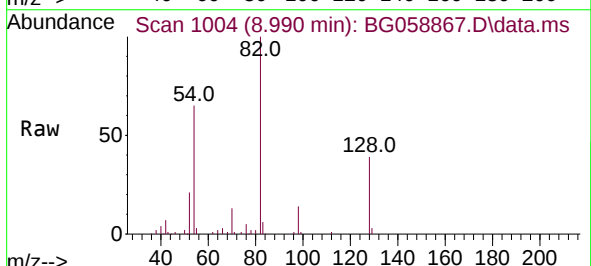
Instrument :
BNA_G
ClientSampleId :
PB155083BL



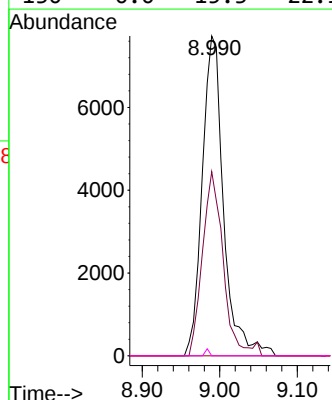
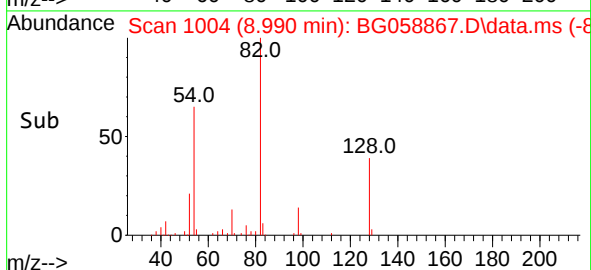
Tgt Ion: 99 Resp: 181673
Ion Ratio Lower Upper
99 100
42 22.3 16.5 24.7
71 38.4 28.4 42.6

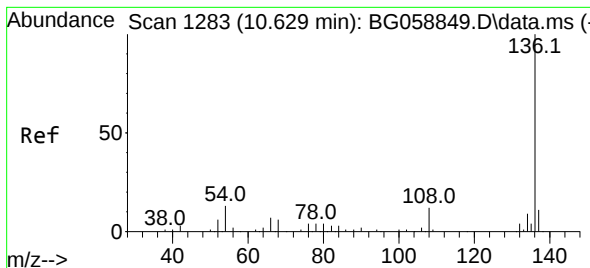


#19
n-Nitroso-di-n-propylamine
Concen: 10.736 ng
RT: 8.990 min Scan# 1004
Delta R.T. 0.352 min
Lab File: BG058867.D
Acq: 28 Aug 2023 10:30



Tgt Ion: 70 Resp: 14785
Ion Ratio Lower Upper
70 100
42 57.6 59.2 88.8#
101 0.0 8.2 12.2#
130 0.0 15.3 22.9#





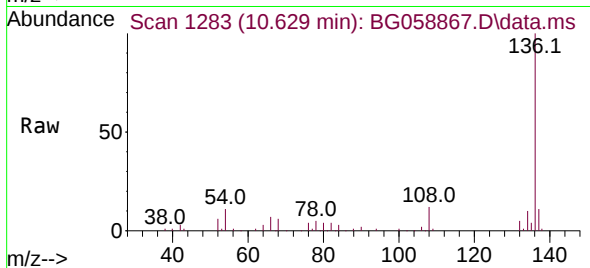
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.629 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG058867.D
Acq: 28 Aug 2023 10:30

Instrument :

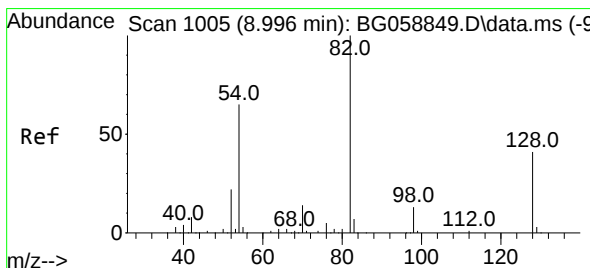
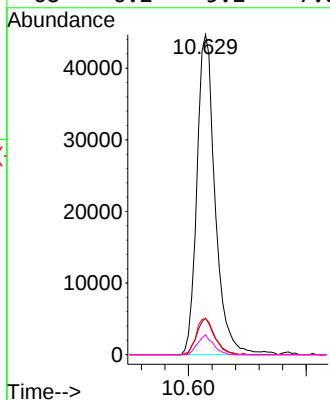
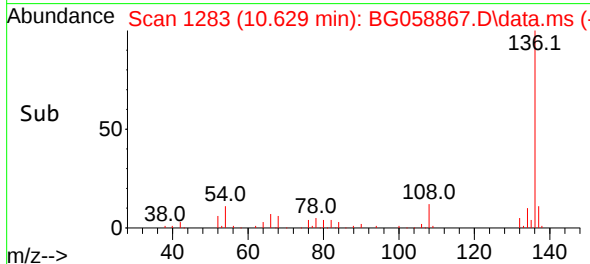
BNA_G

ClientSampleId :

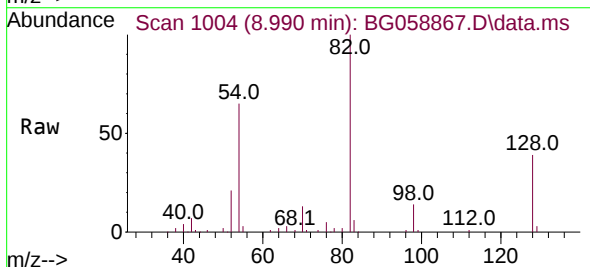
PB155083BL



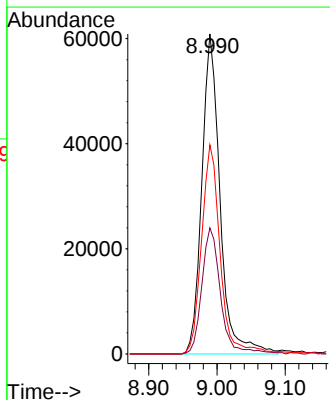
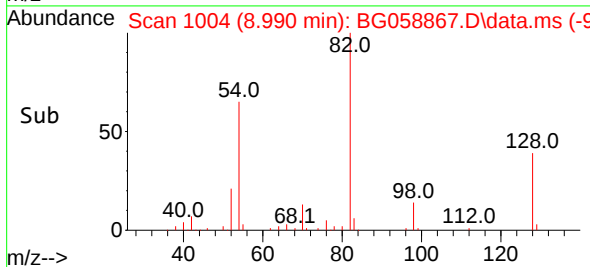
Tgt Ion:136 Resp: 95875
Ion Ratio Lower Upper
136 100
137 11.4 8.7 13.1
54 11.3 10.1 15.1
68 6.2 5.2 7.8

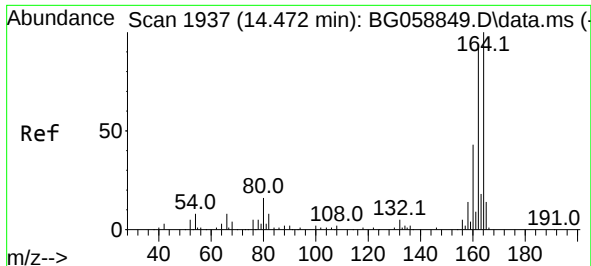


#23
Nitrobenzene-d5
Concen: 56.691 ng
RT: 8.990 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BG058867.D
Acq: 28 Aug 2023 10:30



Tgt Ion: 82 Resp: 113051
Ion Ratio Lower Upper
82 100
128 39.4 33.2 49.8
54 65.3 51.2 76.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.471 min Scan# 1937

Delta R.T. -0.000 min

Lab File: BG058867.D

Acq: 28 Aug 2023 10:30

Instrument :

BNA_G

ClientSampleId :

PB155083BL

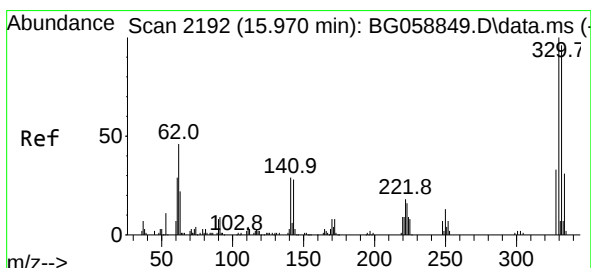
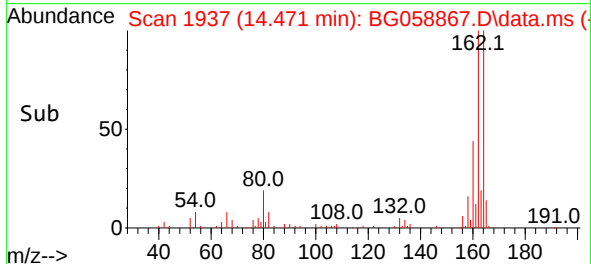
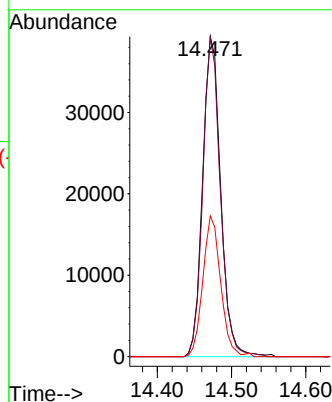
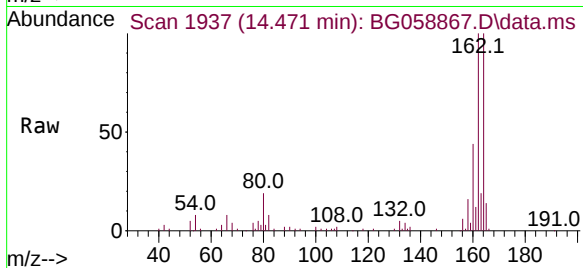
Tgt Ion:164 Resp: 66568

Ion Ratio Lower Upper

164 100

162 99.7 79.6 119.4

160 44.0 34.0 51.0



#42

2,4,6-Tribromophenol

Concen: 91.573 ng

RT: 15.964 min Scan# 2191

Delta R.T. -0.006 min

Lab File: BG058867.D

Acq: 28 Aug 2023 10:30

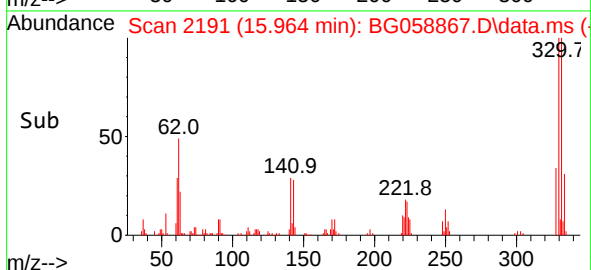
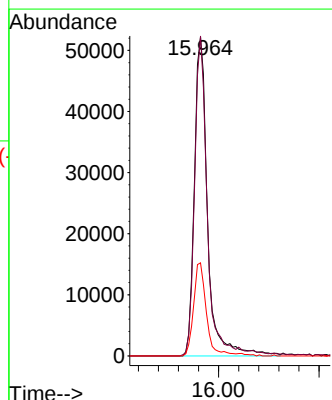
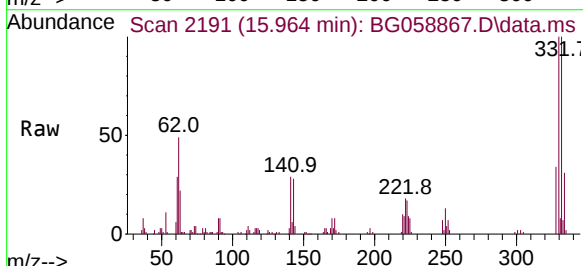
Tgt Ion:330 Resp: 95581

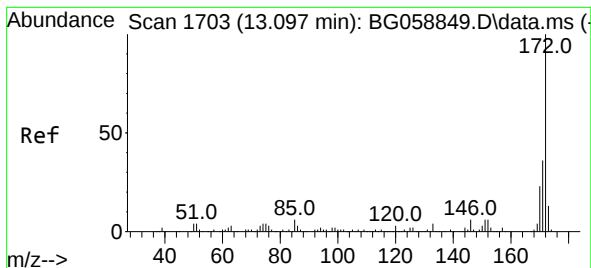
Ion Ratio Lower Upper

330 100

332 94.8 78.5 117.7

141 27.9 23.0 34.6

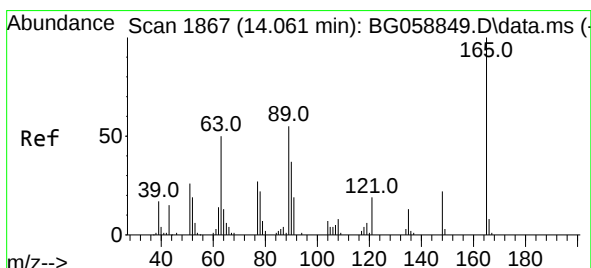
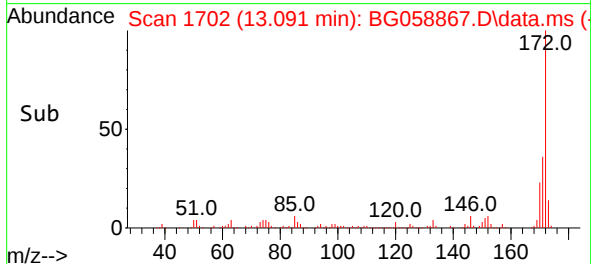
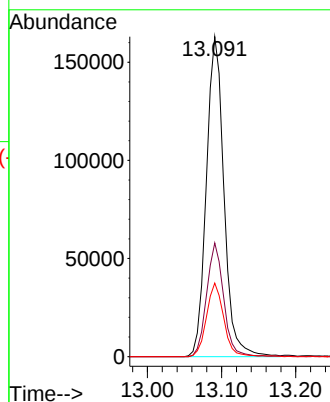
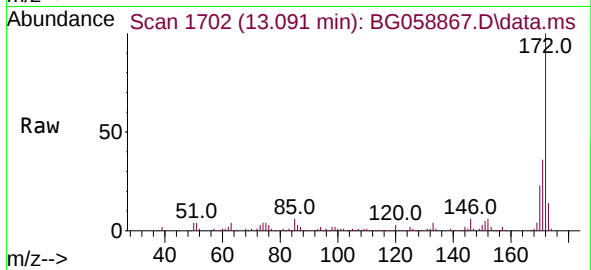




#45
2-Fluorobiphenyl
Concen: 58.800 ng
RT: 13.091 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG058867.D
Acq: 28 Aug 2023 10:30

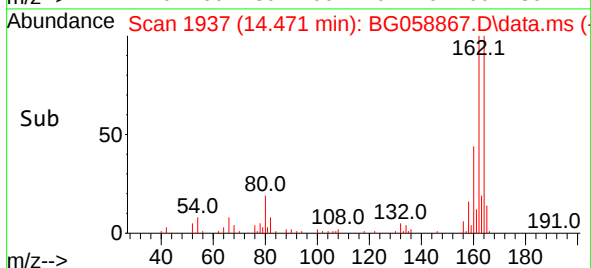
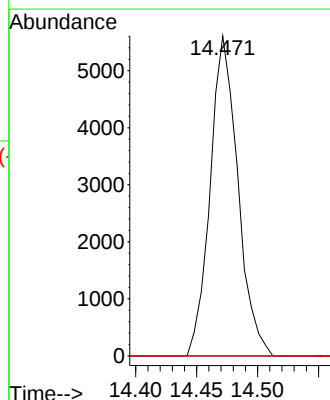
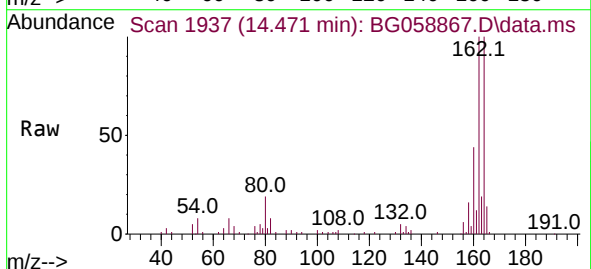
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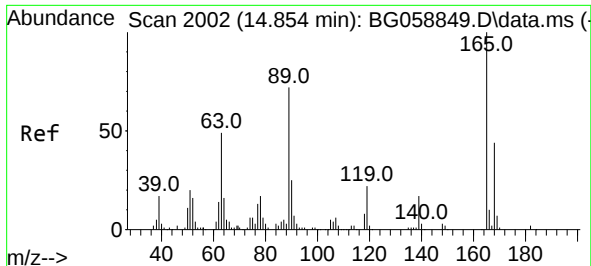
Tgt Ion:172 Resp: 269117
Ion Ratio Lower Upper
172 100
171 35.5 28.1 42.1
170 23.0 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.191 ng
RT: 14.471 min Scan# 1937
Delta R.T. 0.411 min
Lab File: BG058867.D
Acq: 28 Aug 2023 10:30

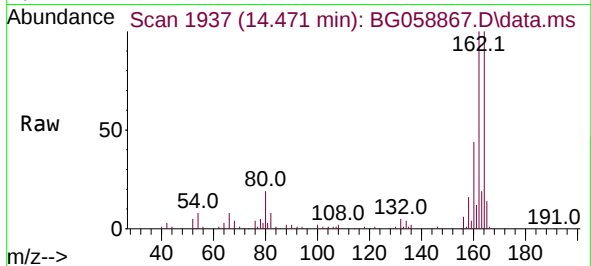
Tgt Ion:165 Resp: 8870
Ion Ratio Lower Upper
165 100
63 0.0 47.2 70.8#
89 0.0 45.0 67.4#



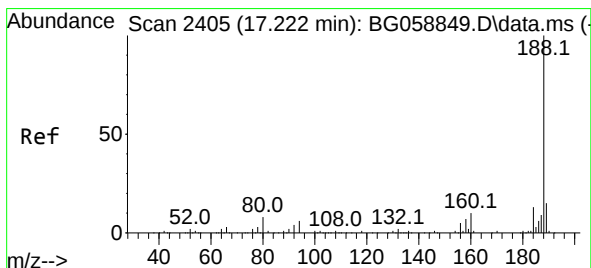
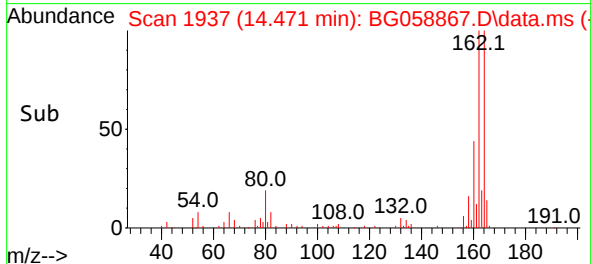
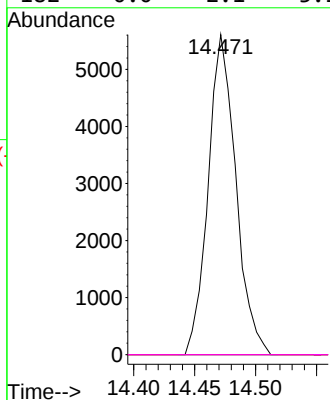


#57
2,4-Dinitrotoluene
Concen: 5.873 ng
RT: 14.471 min Scan# 1937
Delta R.T. -0.382 min
Lab File: BG058867.D
Acq: 28 Aug 2023 10:30

Instrument :
BNA_G
ClientSampleId :
PB155083BL

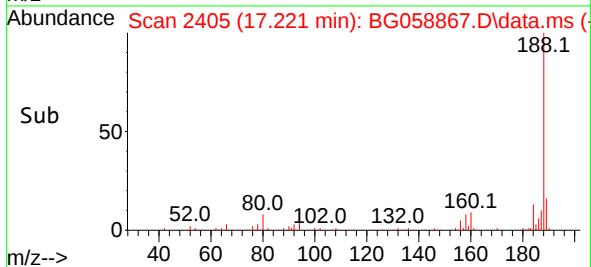
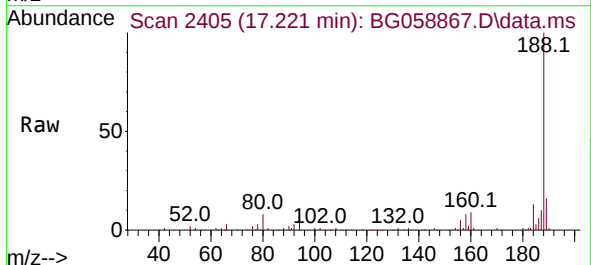
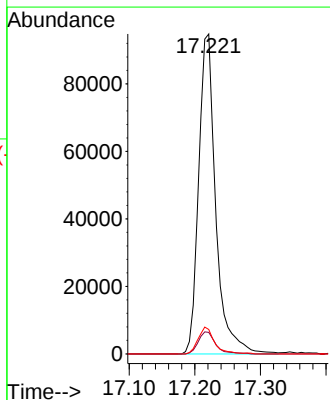


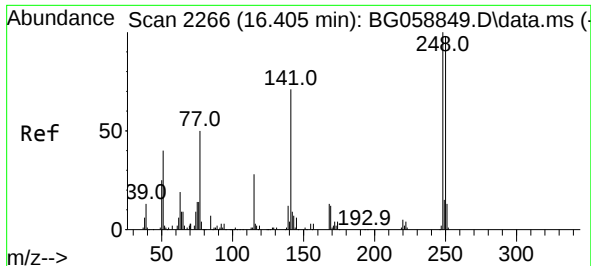
Tgt Ion:165 Resp: 8870
Ion Ratio Lower Upper
165 100
63 0.0 41.8 62.6#
89 0.0 60.7 91.1#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 2405
Delta R.T. -0.000 min
Lab File: BG058867.D
Acq: 28 Aug 2023 10:30

Tgt Ion:188 Resp: 170912
Ion Ratio Lower Upper
188 100
94 6.7 6.1 9.1
80 7.6 6.9 10.3

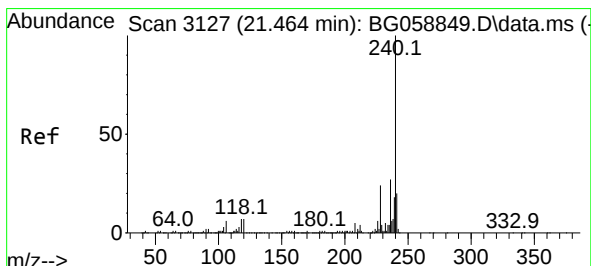
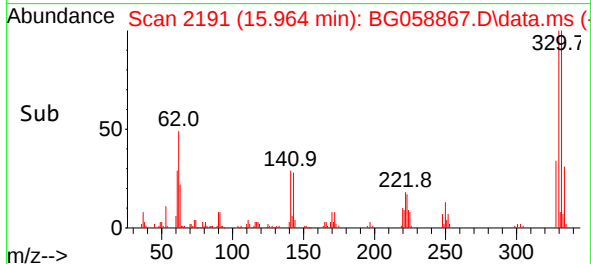
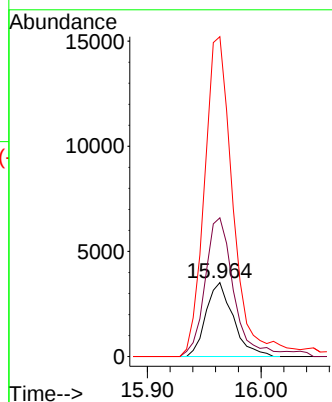
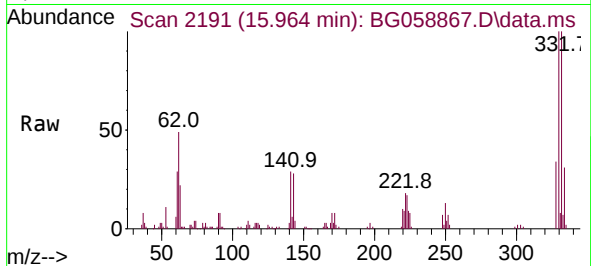




#67
4-Bromophenyl-phenylether
Concen: 3.141 ng
RT: 15.964 min Scan# 211
Delta R.T. -0.441 min
Lab File: BG058867.D
Acq: 28 Aug 2023 10:30

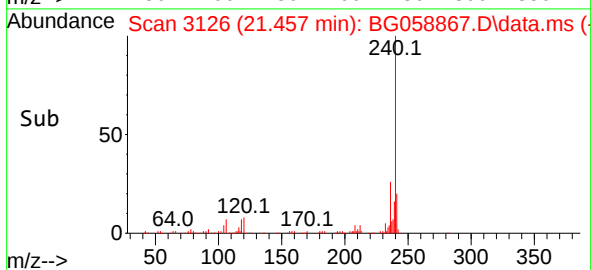
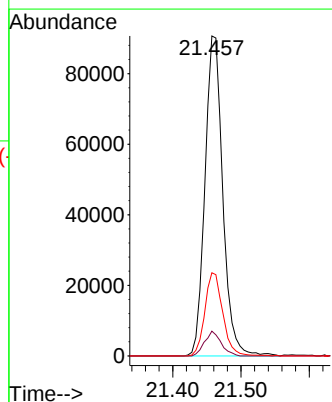
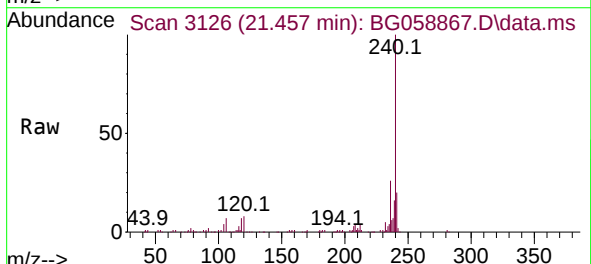
Instrument :
BNA_G
ClientSampleId :
PB155083BL

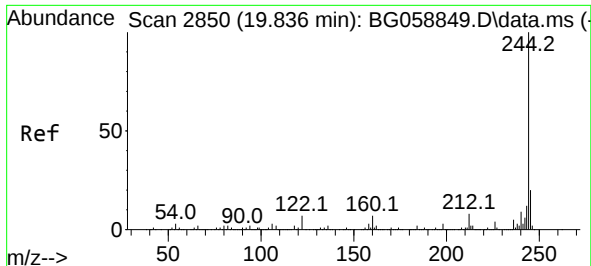
Tgt Ion:248 Resp: 5891
Ion Ratio Lower Upper
248 100
250 187.5 77.7 116.5#
141 432.1 53.6 80.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.457 min Scan# 3126
Delta R.T. -0.006 min
Lab File: BG058867.D
Acq: 28 Aug 2023 10:30

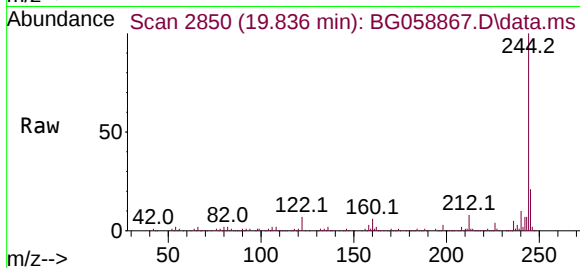
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Ion Ratio Lower Upper
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120 7.7 6.2 9.2
236 26.0 20.5 30.7



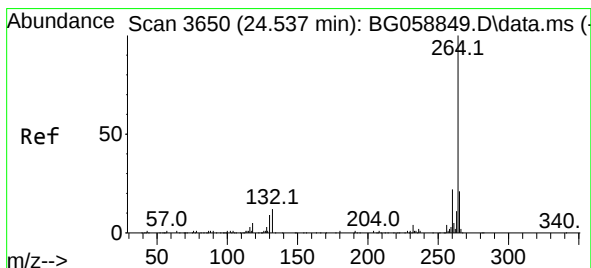
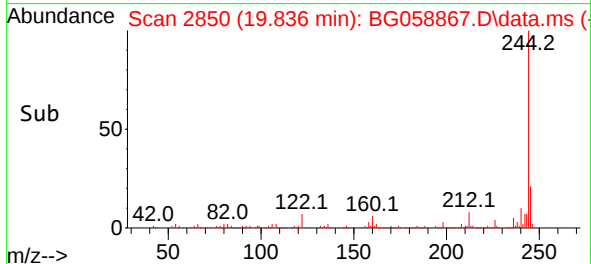
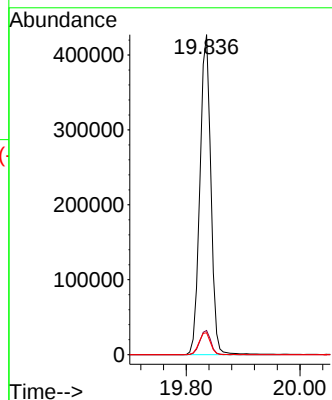


#79
 Terphenyl-d14
 Concen: 61.755 ng
 RT: 19.836 min Scan# 2850
 Delta R.T. -0.000 min
 Lab File: BG058867.D
 Acq: 28 Aug 2023 10:30

Instrument :
 BNA_G
 ClientSampleId :
 PB155083BL



Tgt Ion:244 Resp: 566647
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 6.8 6.3 9.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.536 min Scan# 3650
 Delta R.T. -0.000 min
 Lab File: BG058867.D
 Acq: 28 Aug 2023 10:30

Tgt Ion:264 Resp: 199537
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.2 27.2
 265 20.5 16.4 24.6

