

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082923\
 Data File : BG058884.D
 Acq On : 29 Aug 2023 12:19
 Operator : MA/JU
 Sample : PB155091BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB155091BL

Quant Time: Aug 29 18:48:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 29 14:27:28 2023
 Response via : Initial Calibration

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

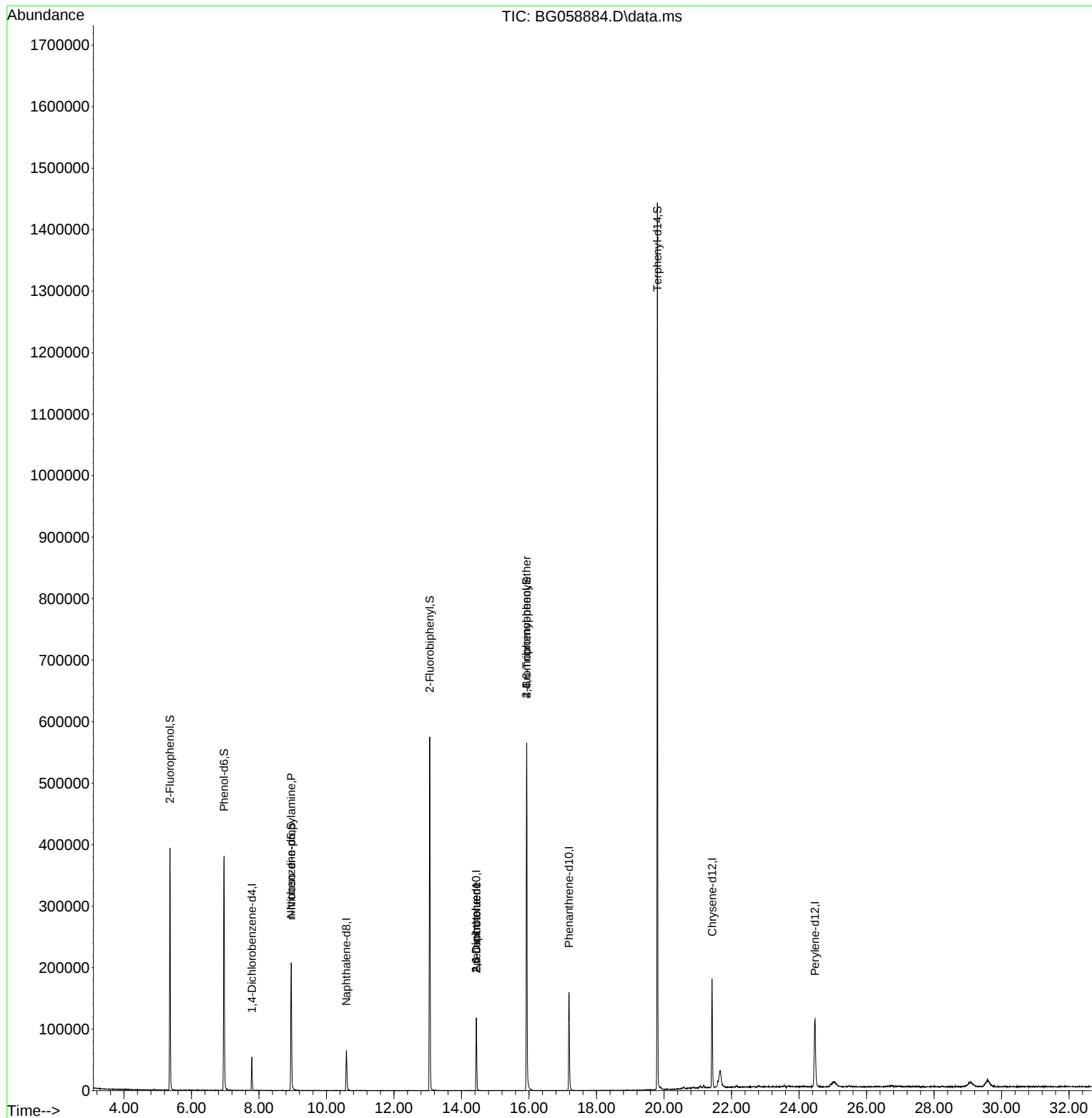
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.788	152	14694	20.000	ng	0.00
21) Naphthalene-d8	10.590	136	61508	20.000	ng	0.00
39) Acenaphthene-d10	14.439	164	46711	20.000	ng	0.00
64) Phenanthrene-d10	17.182	188	125285	20.000	ng	0.00
76) Chrysene-d12	21.424	240	117585	20.000	ng	# 0.00
86) Perylene-d12	24.468	264	138667	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.361	112	153381	167.980	ng	0.00
7) Phenol-d6	6.965	99	205348	160.293	ng	0.00
23) Nitrobenzene-d5	8.951	82	125498	98.095	ng	0.00
42) 2,4,6-Tribromophenol	15.931	330	125516	171.372	ng	0.00
45) 2-Fluorobiphenyl	13.058	172	321789	100.197	ng	0.00
79) Terphenyl-d14	19.803	244	722832	110.381	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.957	70	16660	20.118	ng	# 82
51) 2,6-Dinitrotoluene	14.439	165	5873	7.729	ng	# 22
57) 2,4-Dinitrotoluene	14.439	165	5873	5.542	ng	# 19
67) 4-Bromophenyl-phenylether	15.931	248	7581	5.514	ng	# 1

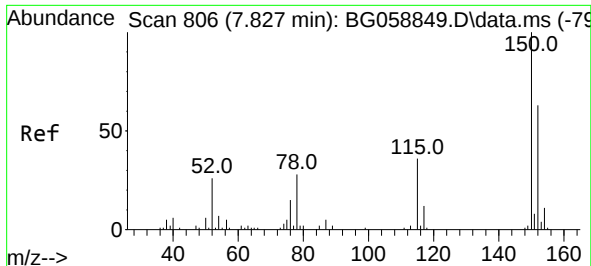
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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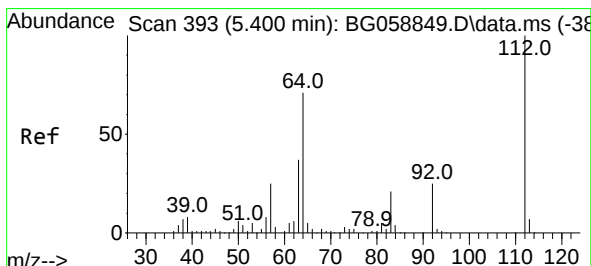
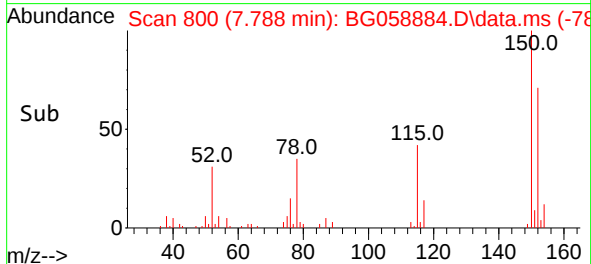
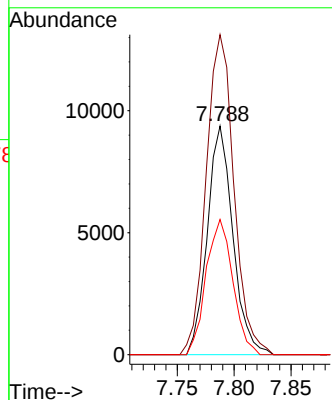
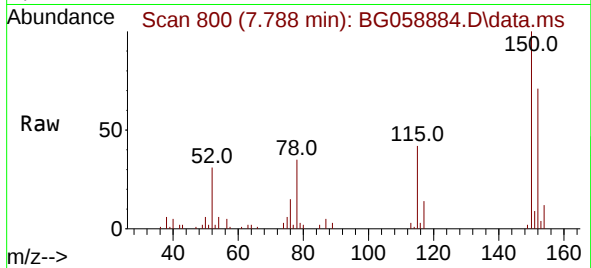




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.788 min Scan# 806
 Delta R.T. -0.001 min
 Lab File: BG058884.D
 Acq: 29 Aug 2023 12:19

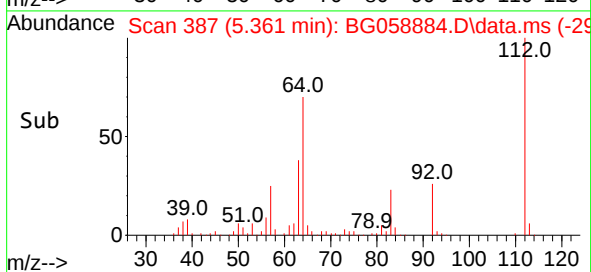
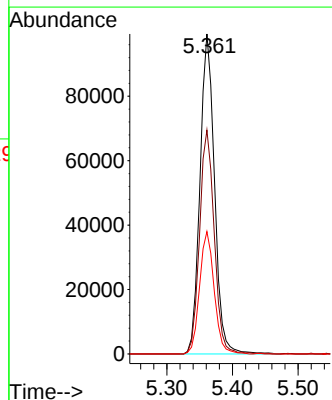
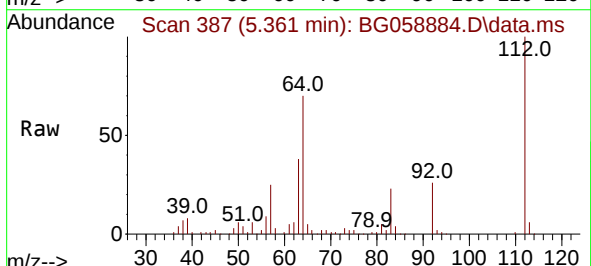
Instrument :
 BNA_G
 ClientSampleId :
 PB155091BL

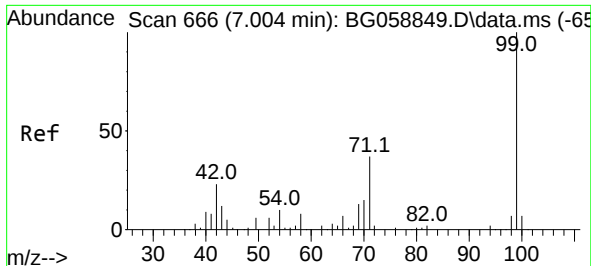
Tgt Ion:152 Resp: 14694
 Ion Ratio Lower Upper
 152 100
 150 140.0 128.6 192.8
 115 59.2 50.4 75.6



#5
 2-Fluorophenol
 Concen: 167.980 ng
 RT: 5.361 min Scan# 387
 Delta R.T. 0.005 min
 Lab File: BG058884.D
 Acq: 29 Aug 2023 12:19

Tgt Ion:112 Resp: 153381
 Ion Ratio Lower Upper
 112 100
 64 70.0 60.6 90.8
 63 38.2 31.0 46.4





#7

Phenol-d6

Concen: 160.293 ng

RT: 6.965 min Scan# 60

Delta R.T. -0.001 min

Lab File: BG058884.D

Acq: 29 Aug 2023 12:19

Instrument :

BNA_G

ClientSampleId :

PB155091BL

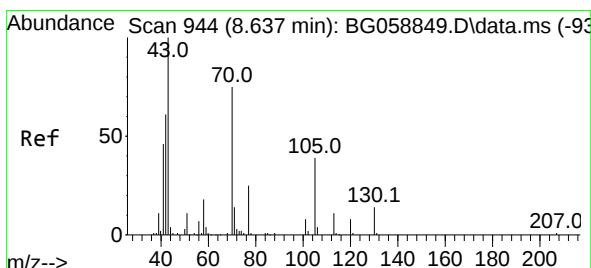
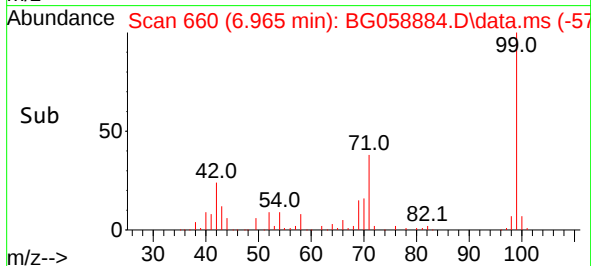
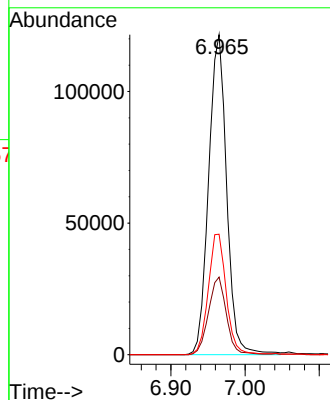
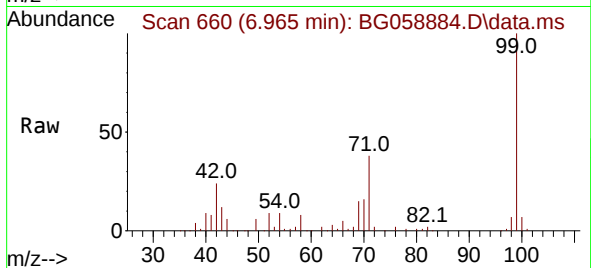
Tgt Ion: 99 Resp: 205348

Ion Ratio Lower Upper

99 100

42 24.2 16.5 24.7

71 37.6 28.4 42.6



#19

n-Nitroso-di-n-propylamine

Concen: 20.118 ng

RT: 8.957 min Scan# 999

Delta R.T. 0.357 min

Lab File: BG058884.D

Acq: 29 Aug 2023 12:19

Tgt Ion: 70 Resp: 16660

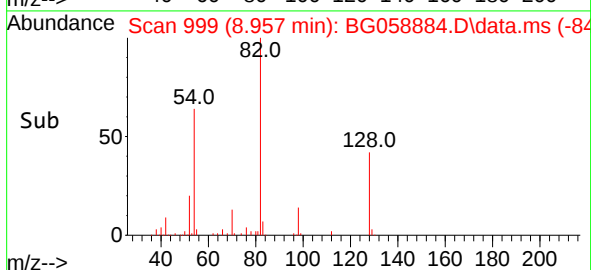
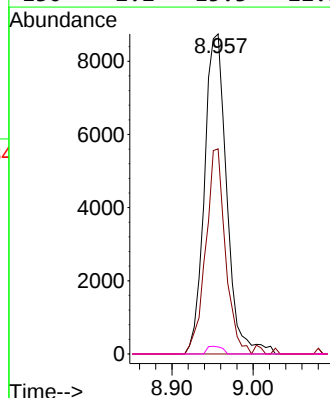
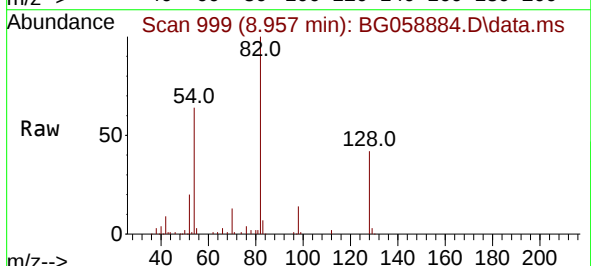
Ion Ratio Lower Upper

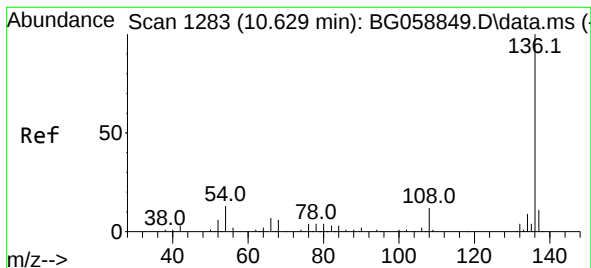
70 100

42 64.1 59.2 88.8

101 0.0 8.2 12.2#

130 2.2 15.3 22.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.590 min Scan# 11

Delta R.T. -0.001 min

Lab File: BG058884.D

Acq: 29 Aug 2023 12:19

Instrument :

BNA_G

ClientSampleId :

PB155091BL

Tgt Ion:136 Resp: 61508

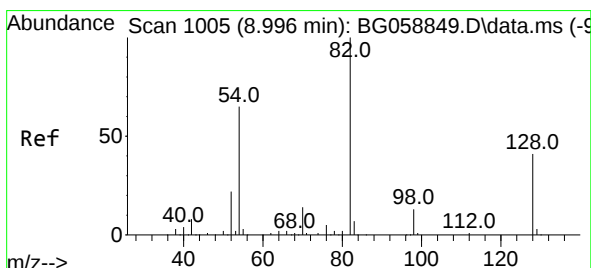
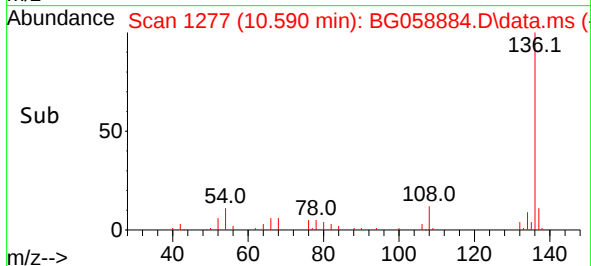
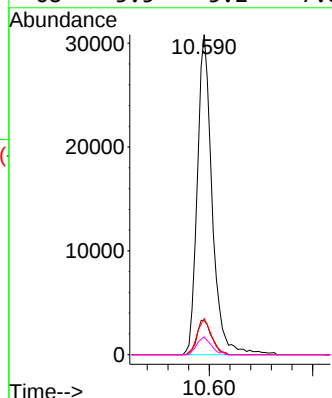
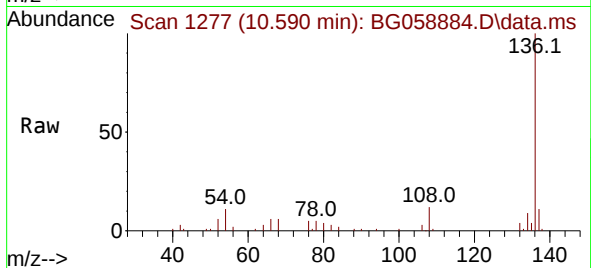
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 11.2 10.1 15.1

68 5.5 5.2 7.8



#23

Nitrobenzene-d5

Concen: 98.095 ng

RT: 8.951 min Scan# 998

Delta R.T. -0.007 min

Lab File: BG058884.D

Acq: 29 Aug 2023 12:19

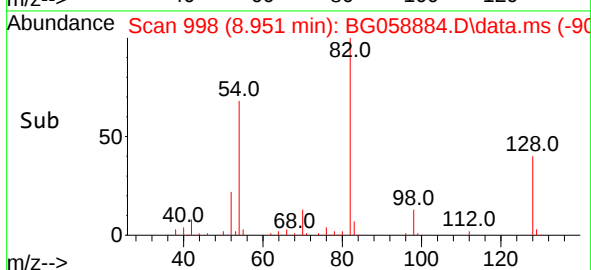
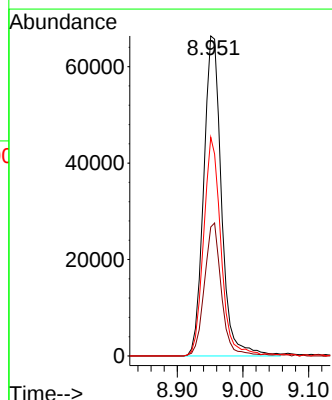
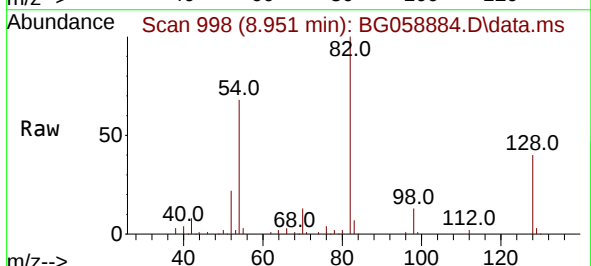
Tgt Ion: 82 Resp: 125498

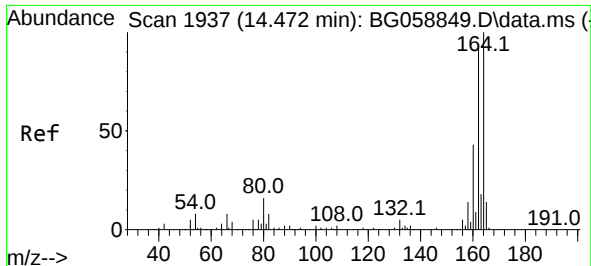
Ion Ratio Lower Upper

82 100

128 40.3 33.2 49.8

54 68.4 51.2 76.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.439 min Scan# 1932

Delta R.T. -0.001 min

Lab File: BG058884.D

Acq: 29 Aug 2023 12:19

Instrument :

BNA_G

ClientSampleId :

PB155091BL

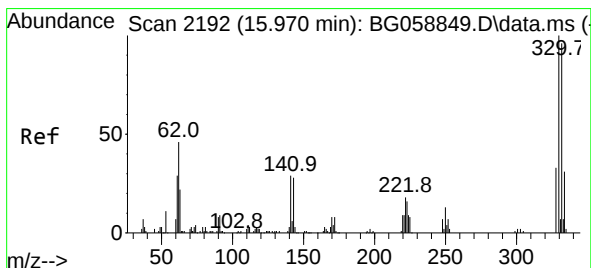
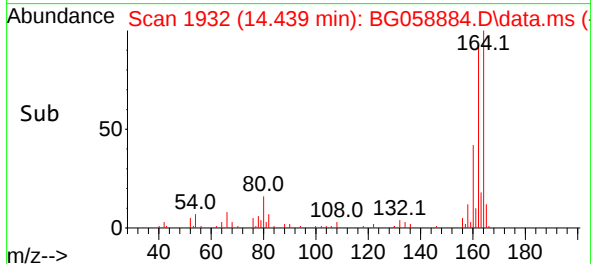
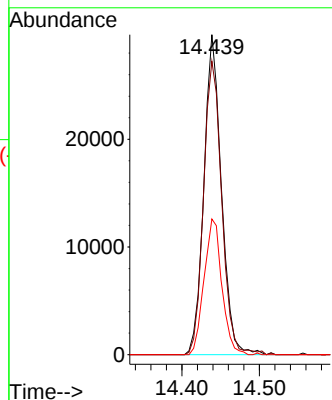
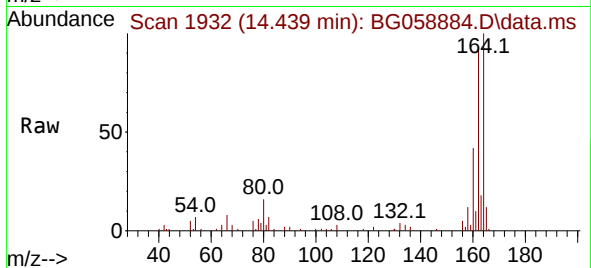
Tgt Ion:164 Resp: 46711

Ion Ratio Lower Upper

164 100

162 91.7 79.6 119.4

160 42.4 34.0 51.0



#42

2,4,6-Tribromophenol

Concen: 171.372 ng

RT: 15.931 min Scan# 2186

Delta R.T. -0.001 min

Lab File: BG058884.D

Acq: 29 Aug 2023 12:19

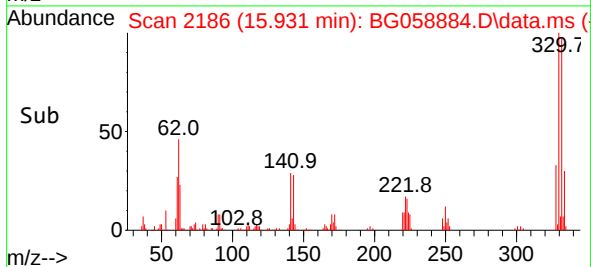
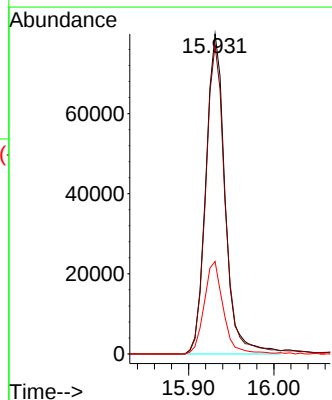
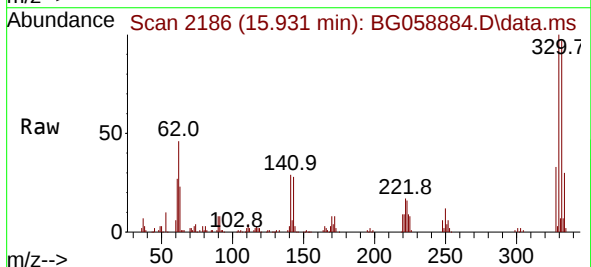
Tgt Ion:330 Resp: 125516

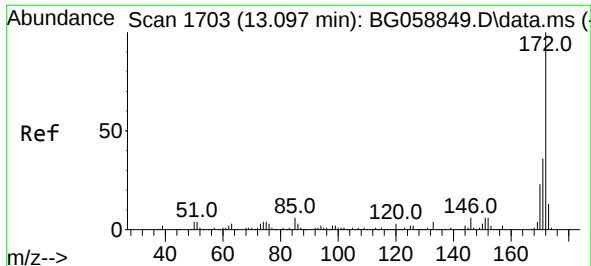
Ion Ratio Lower Upper

330 100

332 98.3 78.5 117.7

141 28.7 23.0 34.6

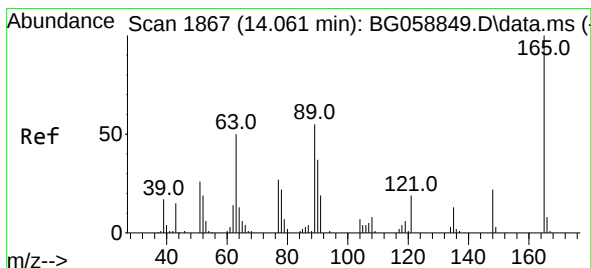
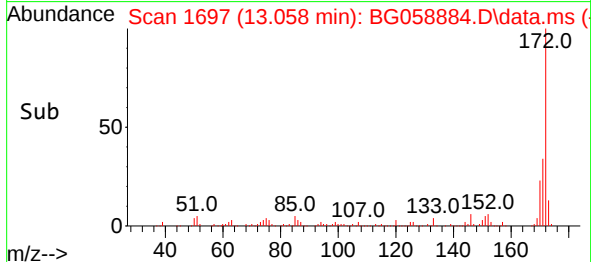
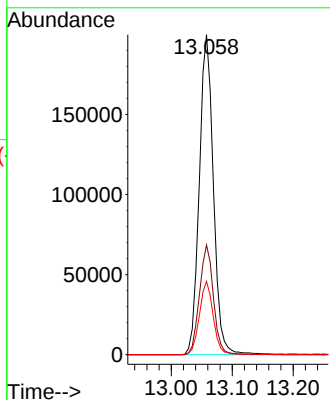
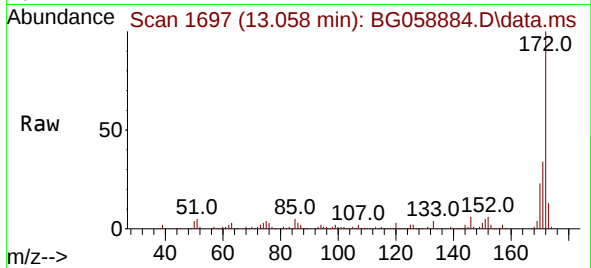




#45
2-Fluorobiphenyl
Concen: 100.197 ng
RT: 13.058 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG058884.D
Acq: 29 Aug 2023 12:19

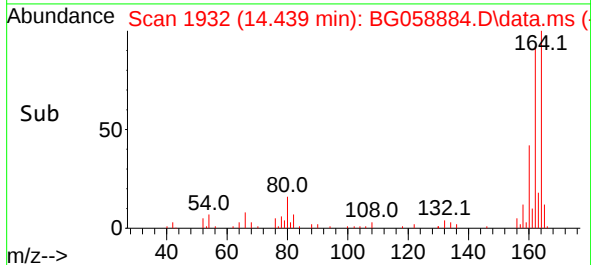
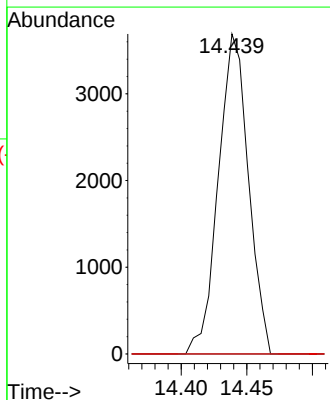
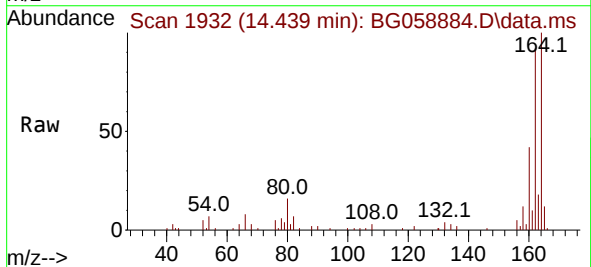
Instrument :
BNA_G
ClientSampleId :
PB155091BL

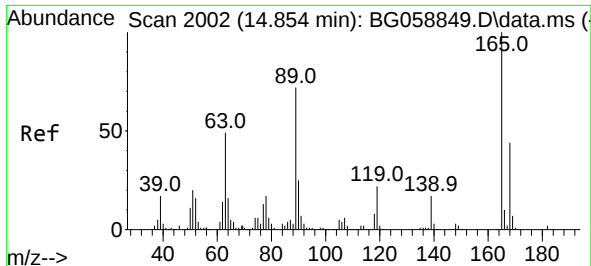
Tgt Ion:172 Resp: 321789
Ion Ratio Lower Upper
172 100
171 34.3 28.1 42.1
170 23.0 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.729 ng
RT: 14.439 min Scan# 1932
Delta R.T. 0.410 min
Lab File: BG058884.D
Acq: 29 Aug 2023 12:19

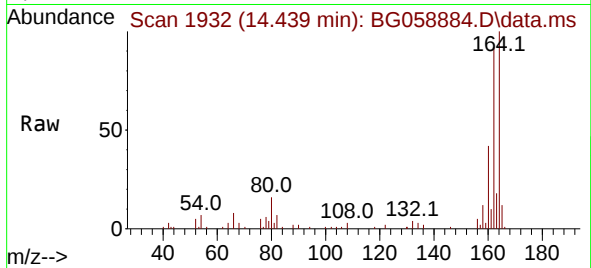
Tgt Ion:165 Resp: 5873
Ion Ratio Lower Upper
165 100
63 0.0 47.2 70.8#
89 0.0 45.0 67.4#



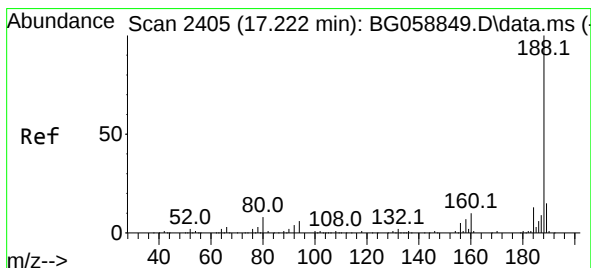
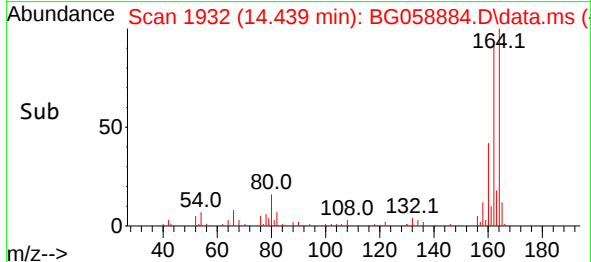
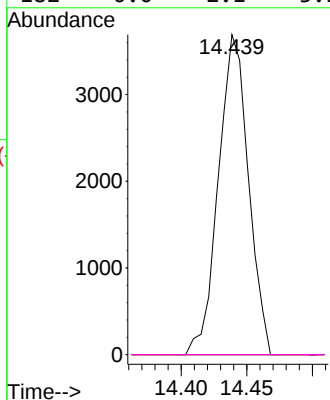


#57
2,4-Dinitrotoluene
Concen: 5.542 ng
RT: 14.439 min Scan# 1932
Delta R.T. -0.383 min
Lab File: BG058884.D
Acq: 29 Aug 2023 12:19

Instrument :
BNA_G
ClientSampleId :
PB155091BL

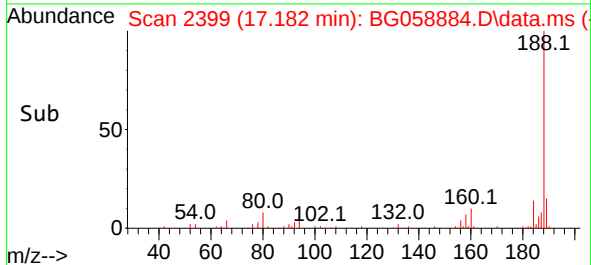
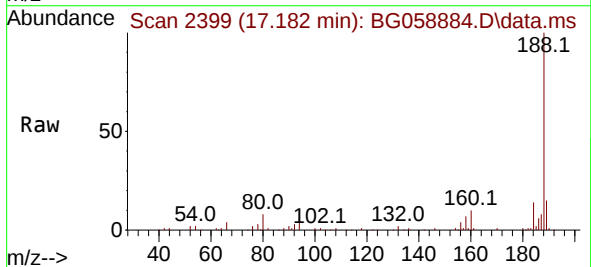
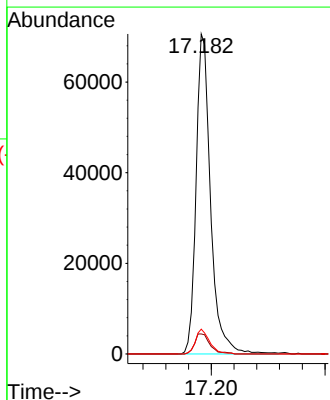


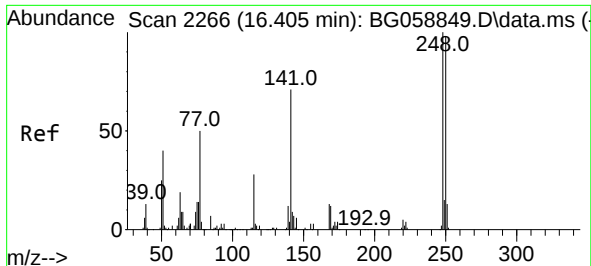
Tgt Ion:	165	Resp:	5873
Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.8	62.6#
89	0.0	60.7	91.1#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.182 min Scan# 2399
Delta R.T. -0.001 min
Lab File: BG058884.D
Acq: 29 Aug 2023 12:19

Tgt Ion:	188	Resp:	125285
Ion	Ratio	Lower	Upper
188	100		
94	6.2	6.1	9.1
80	7.8	6.9	10.3

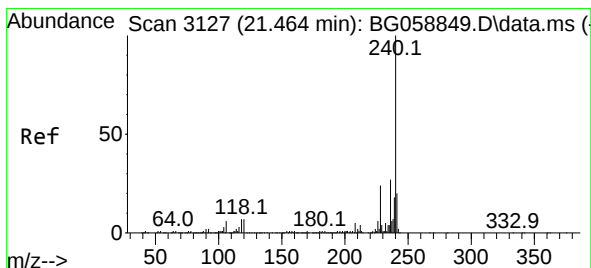
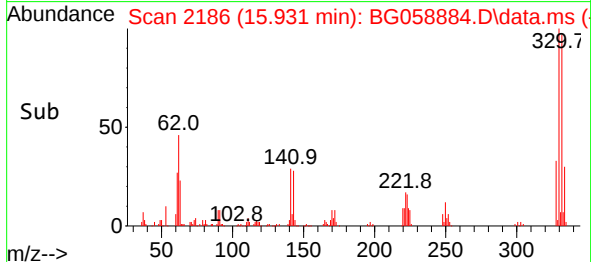
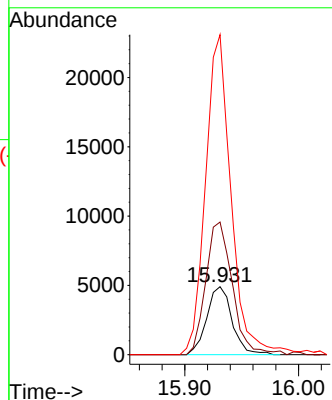
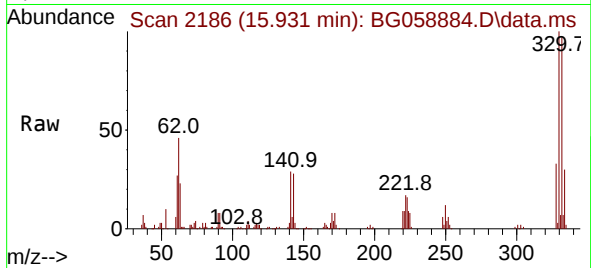




#67
4-Bromophenyl-phenylether
Concen: 5.514 ng
RT: 15.931 min Scan# 2118
Delta R.T. -0.442 min
Lab File: BG058884.D
Acq: 29 Aug 2023 12:19

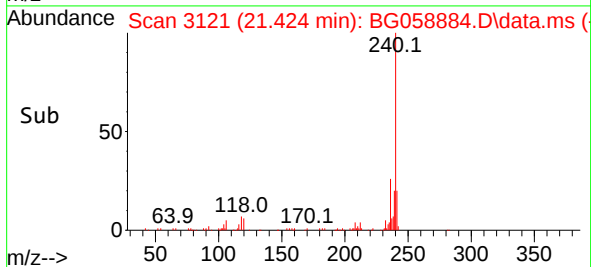
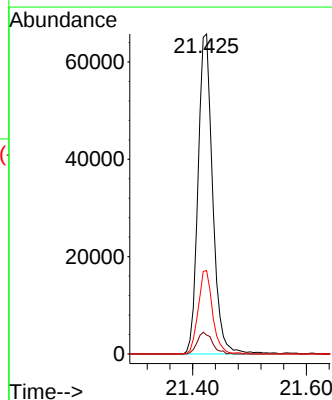
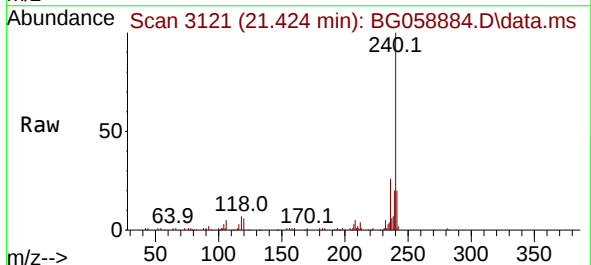
Instrument :
BNA_G
ClientSampleId :
PB155091BL

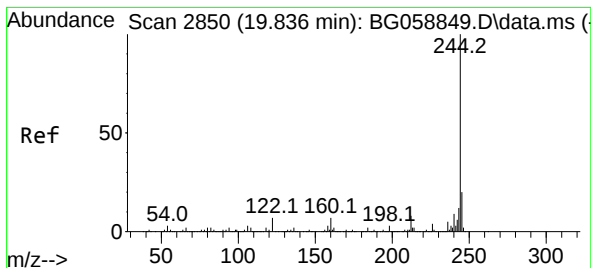
Tgt Ion:248 Resp: 7581
Ion Ratio Lower Upper
248 100
250 195.0 77.7 116.5#
141 470.4 53.6 80.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.424 min Scan# 3121
Delta R.T. -0.001 min
Lab File: BG058884.D
Acq: 29 Aug 2023 12:19

Tgt Ion:240 Resp: 117585
Ion Ratio Lower Upper
240 100
120 5.9 6.2 9.2#
236 26.0 20.5 30.7





#79

Terphenyl-d14

Concen: 110.381 ng

RT: 19.803 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG058884.D

Acq: 29 Aug 2023 12:19

Instrument :

BNA_G

ClientSampleId :

PB155091BL

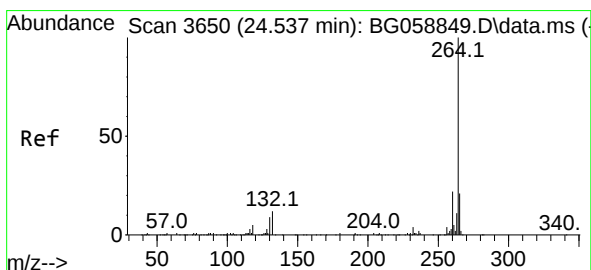
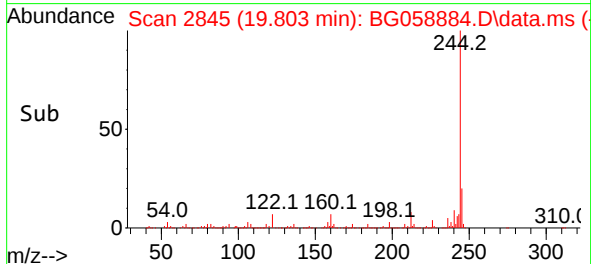
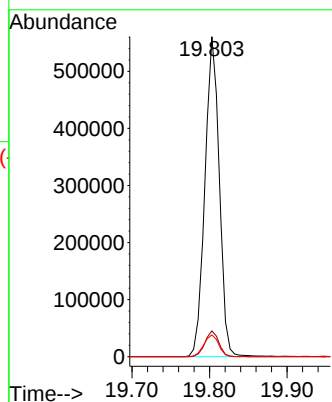
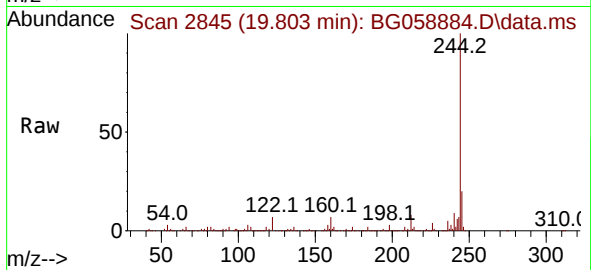
Tgt Ion:244 Resp: 722832

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

122 6.8 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.468 min Scan# 3639

Delta R.T. -0.001 min

Lab File: BG058884.D

Acq: 29 Aug 2023 12:19

Tgt Ion:264 Resp: 138667

Ion Ratio Lower Upper

264 100

260 22.7 18.2 27.2

265 19.9 16.4 24.6

