

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112423\
 Data File : BG059864.D
 Acq On : 24 Nov 2023 19:02
 Operator : MA/JU
 Sample : PB157019BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB157019BL

Quant Time: Nov 25 01:00:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 24 15:11:07 2023
 Response via : Initial Calibration

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

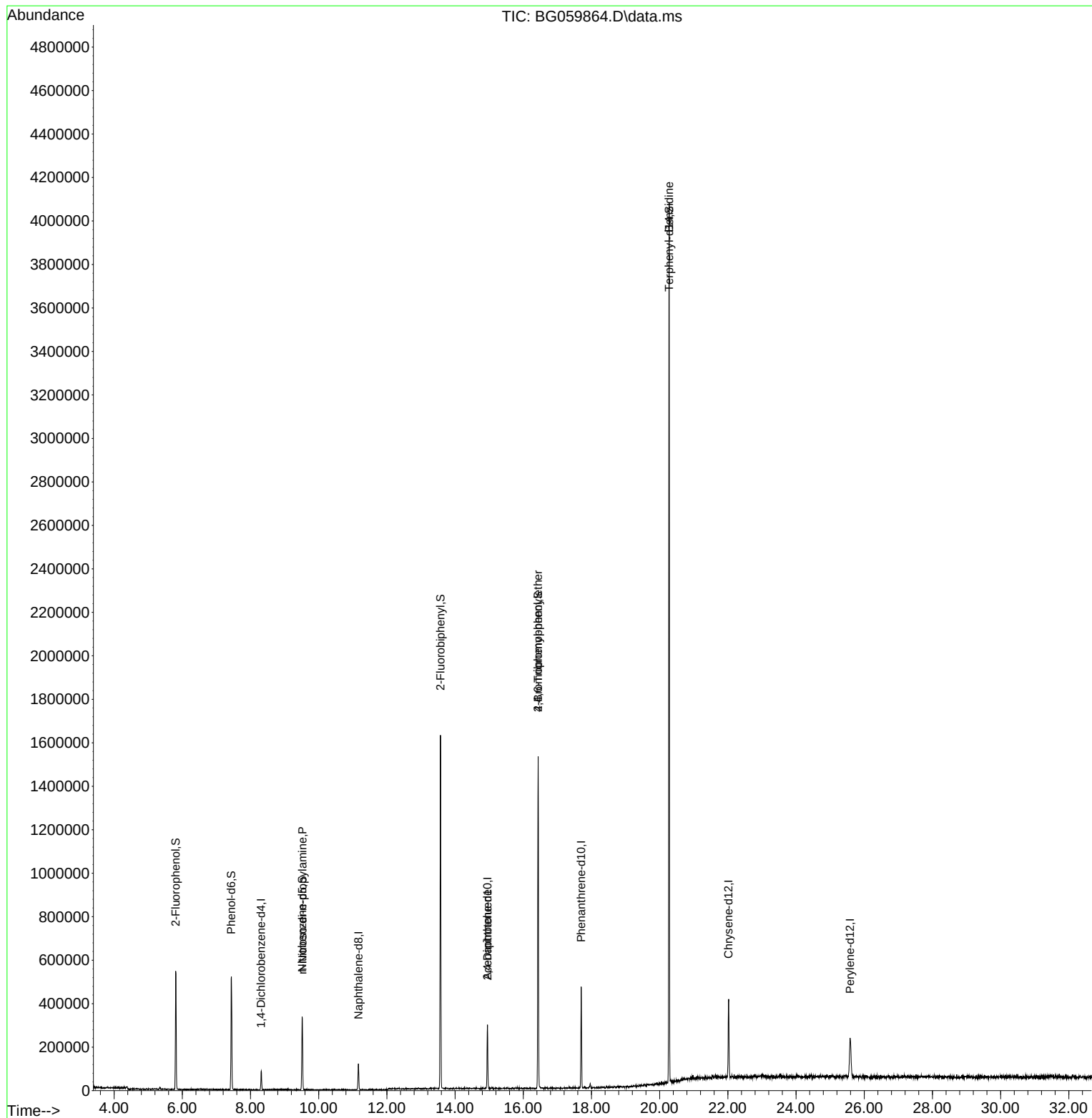
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.311	152	20521	20.000	ng	# 0.00
21) Naphthalene-d8	11.167	136	80232	20.000	ng	# 0.00
39) Acenaphthene-d10	14.951	164	90300	20.000	ng	0.00
64) Phenanthrene-d10	17.700	188	259301	20.000	ng	# 0.00
76) Chrysene-d12	22.019	240	215098	20.000	ng	-0.01
86) Perylene-d12	25.585	264	214139	20.000	ng	#-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.808	112	193246	158.501	ng	0.00
7) Phenol-d6	7.436	99	235005	130.070	ng	0.00
23) Nitrobenzene-d5	9.516	82	210653	100.275	ng	0.00
42) 2,4,6-Tribromophenol	16.437	330	213054	207.946	ng	0.00
45) 2-Fluorobiphenyl	13.570	172	704869	105.070	ng	0.00
79) Terphenyl-d14	20.280	244	1684277	115.594	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.522	70	37298	26.215	ng	# 82
57) 2,4-Dinitrotoluene	14.951	165	11862	5.810	ng	# 3
67) 4-Bromophenyl-phenylether	16.437	248	14486	5.200	ng	# 1
77) Benzidine	20.274	184	49541	10.157	ng	# 91

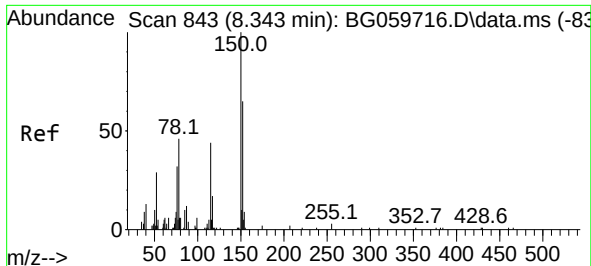
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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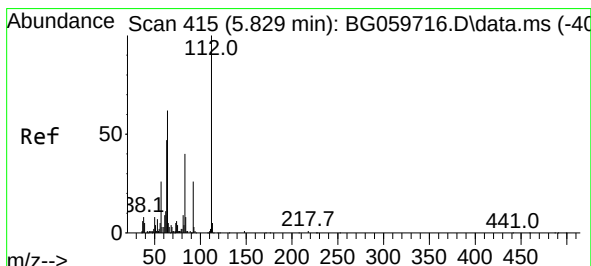
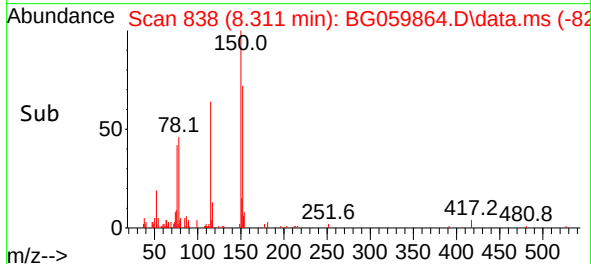
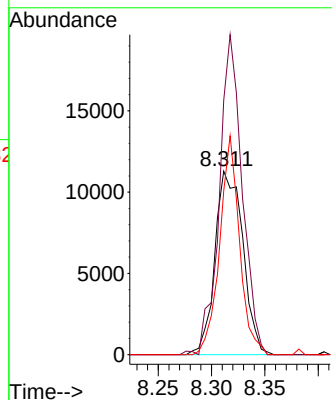
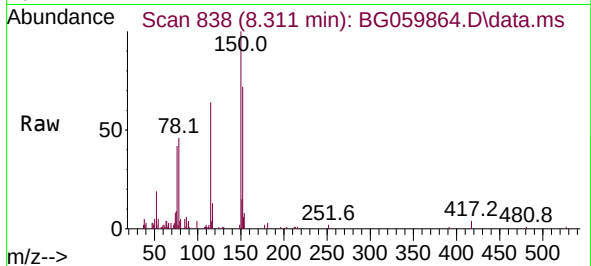




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.311 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG059864.D
Acq: 24 Nov 2023 19:02

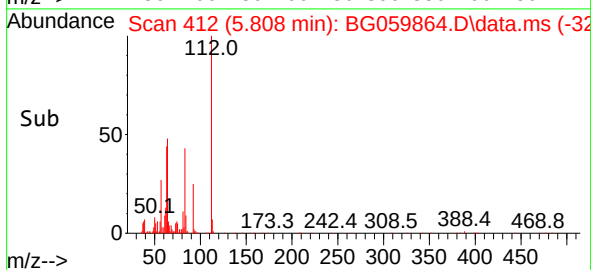
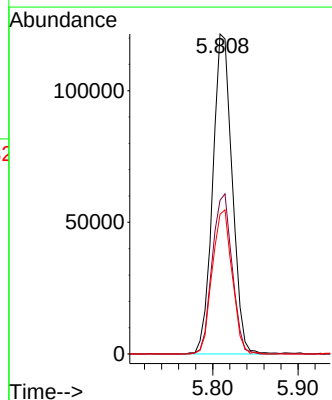
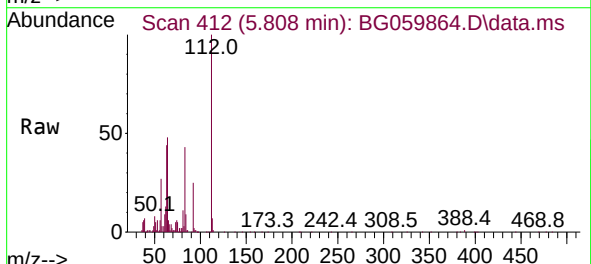
Instrument :
BNA_G
ClientSampleId :
PB157019BL

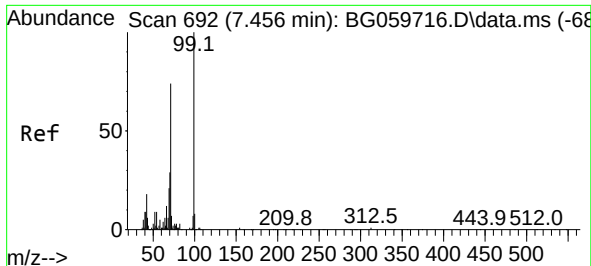
Tgt Ion:152 Resp: 20521
Ion Ratio Lower Upper
152 100
150 138.5 122.2 183.4
115 89.2 54.2 81.4#



#5
2-Fluorophenol
Concen: 158.501 ng
RT: 5.808 min Scan# 412
Delta R.T. -0.003 min
Lab File: BG059864.D
Acq: 24 Nov 2023 19:02

Tgt Ion:112 Resp: 193246
Ion Ratio Lower Upper
112 100
64 48.0 49.5 74.3#
63 43.7 37.4 56.2

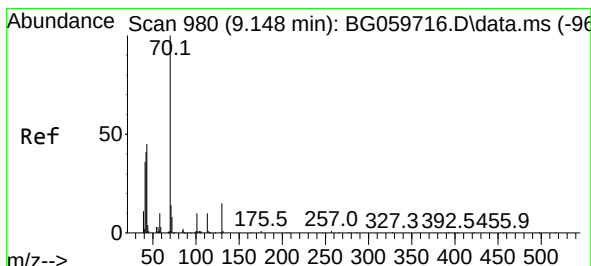
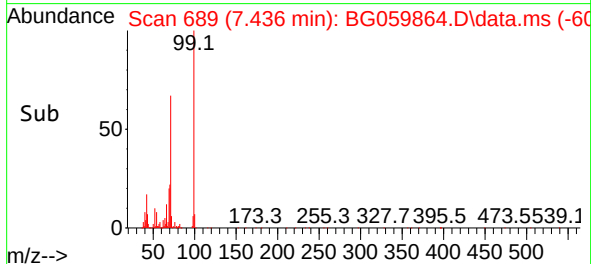
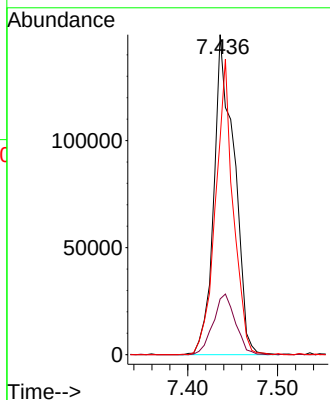
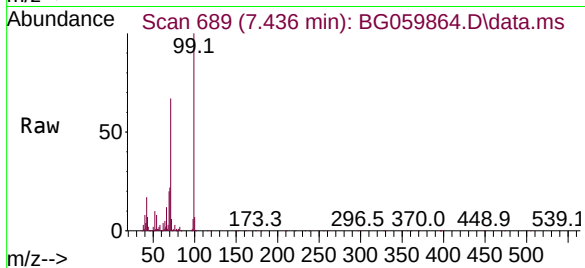




#7
Phenol-d6
Concen: 130.070 ng
RT: 7.436 min Scan# 61
Delta R.T. -0.009 min
Lab File: BG059864.D
Acq: 24 Nov 2023 19:02

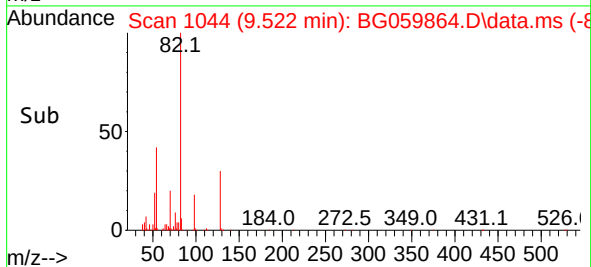
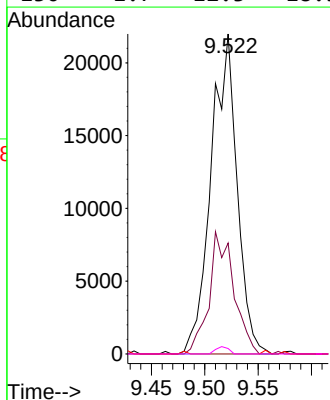
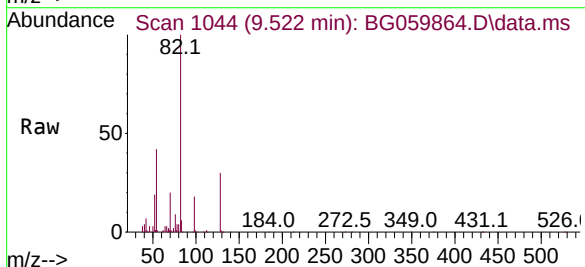
Instrument :
BNA_G
ClientSampleId :
PB157019BL

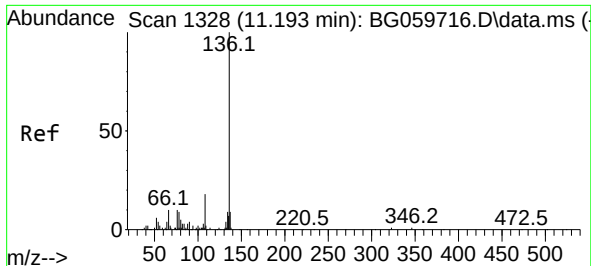
Tgt Ion: 99 Resp: 235005
Ion Ratio Lower Upper
99 100
42 17.4 14.3 21.5
71 67.5 59.3 88.9



#19
n-Nitroso-di-n-propylamine
Concen: 26.215 ng
RT: 9.522 min Scan# 1044
Delta R.T. 0.390 min
Lab File: BG059864.D
Acq: 24 Nov 2023 19:02

Tgt Ion: 70 Resp: 37298
Ion Ratio Lower Upper
70 100
42 34.6 32.8 49.2
101 0.0 7.7 11.5#
130 1.7 12.3 18.5#

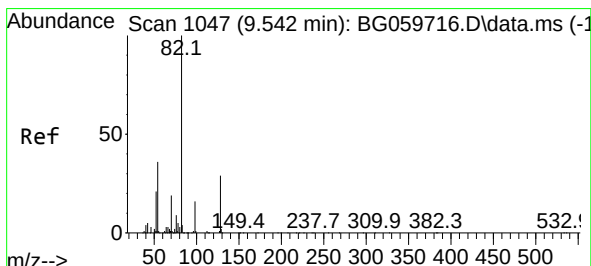
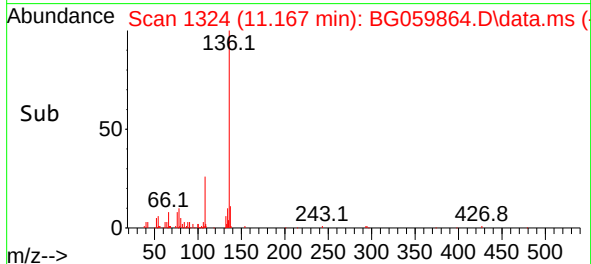
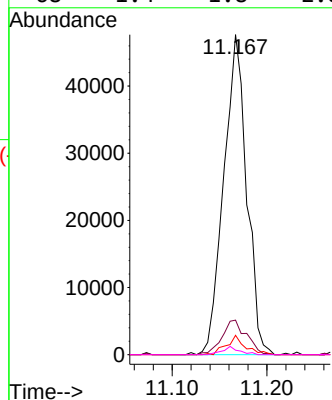
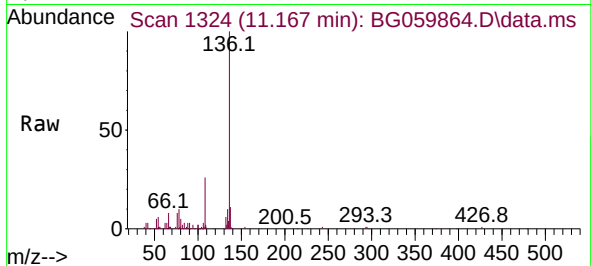




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.167 min Scan# 111
Delta R.T. -0.003 min
Lab File: BG059864.D
Acq: 24 Nov 2023 19:02

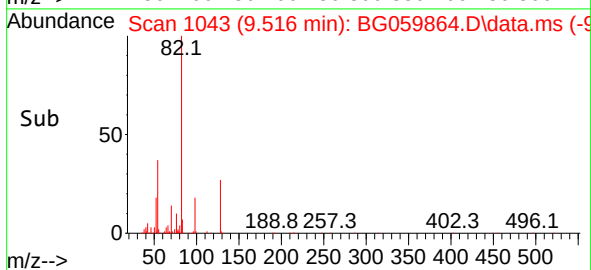
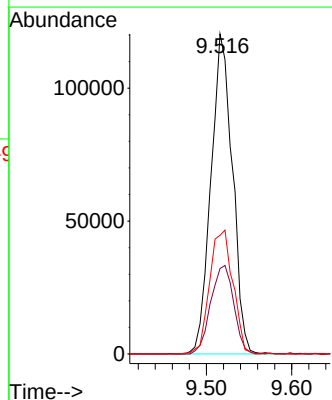
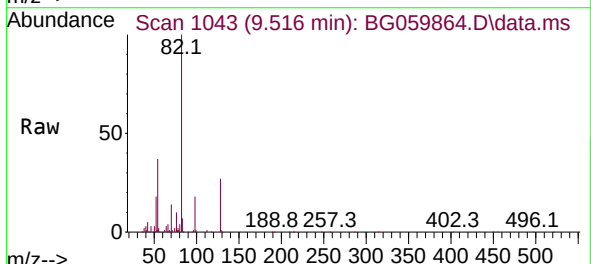
Instrument :
BNA_G
ClientSampleId :
PB157019BL

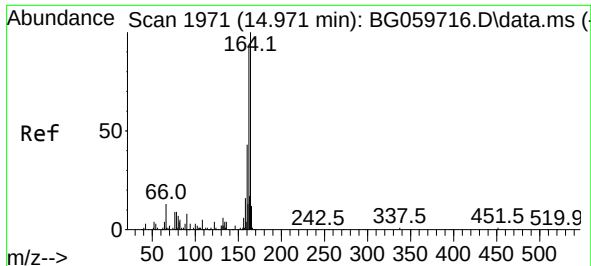
Tgt Ion:	136	Resp:	80232
Ion Ratio	Lower	Upper	
136	100		
137	10.8	7.4	11.0
54	6.0	3.1	4.7#
68	1.4	1.8	2.8#



#23
Nitrobenzene-d5
Concen: 100.275 ng
RT: 9.516 min Scan# 1043
Delta R.T. -0.009 min
Lab File: BG059864.D
Acq: 24 Nov 2023 19:02

Tgt Ion:	82	Resp:	210653
Ion Ratio	Lower	Upper	
82	100		
128	26.7	23.0	34.6
54	37.1	28.7	43.1

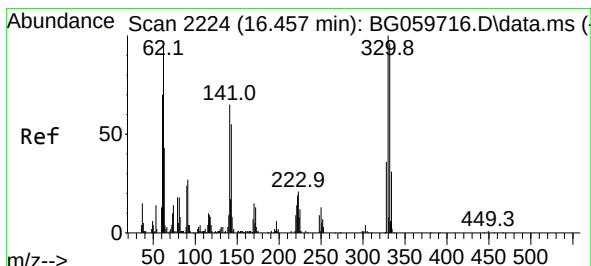
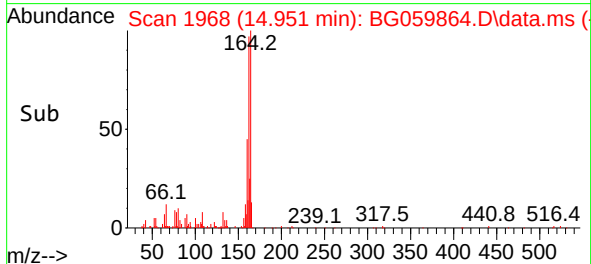
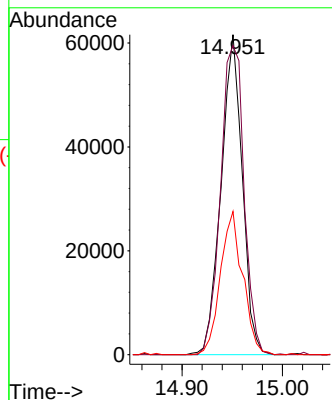
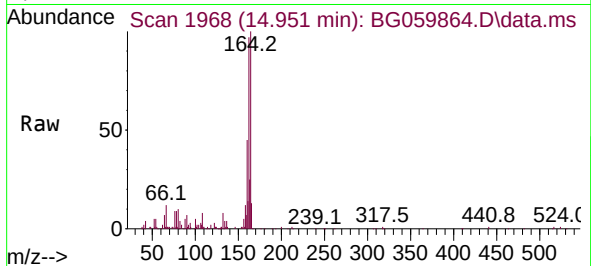




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.951 min Scan# 1968
Delta R.T. -0.003 min
Lab File: BG059864.D
Acq: 24 Nov 2023 19:02

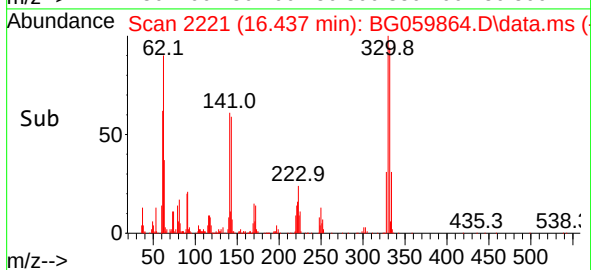
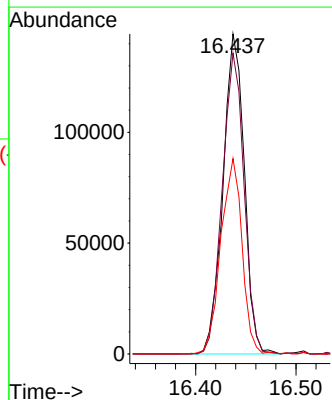
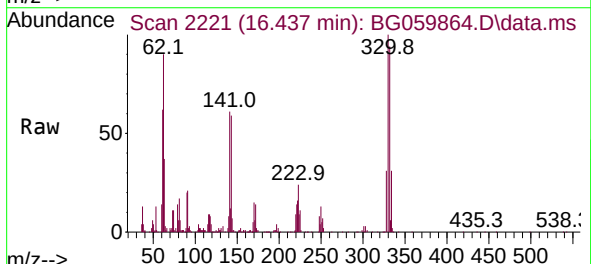
Instrument :
BNA_G
ClientSampleId :
PB157019BL

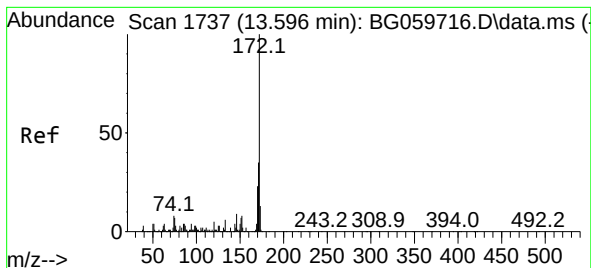
Tgt Ion:164 Resp: 90300
Ion Ratio Lower Upper
164 100
162 96.6 73.3 109.9
160 44.8 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 207.946 ng
RT: 16.437 min Scan# 2221
Delta R.T. -0.003 min
Lab File: BG059864.D
Acq: 24 Nov 2023 19:02

Tgt Ion:330 Resp: 213054
Ion Ratio Lower Upper
330 100
332 95.5 73.3 109.9
141 60.7 52.1 78.1





#45

2-Fluorobiphenyl

Concen: 105.070 ng

RT: 13.570 min Scan# 1

Delta R.T. -0.009 min

Lab File: BG059864.D

Acq: 24 Nov 2023 19:02

Instrument :

BNA_G

ClientSampleId :

PB157019BL

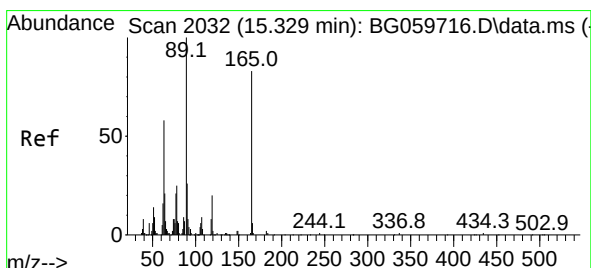
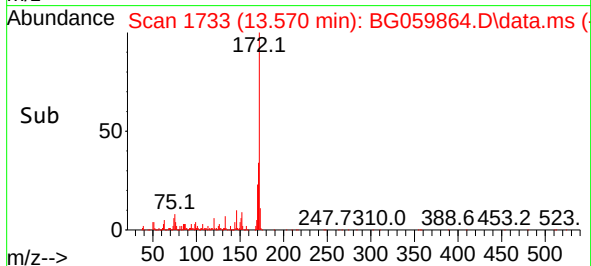
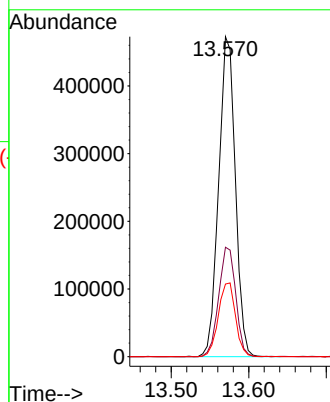
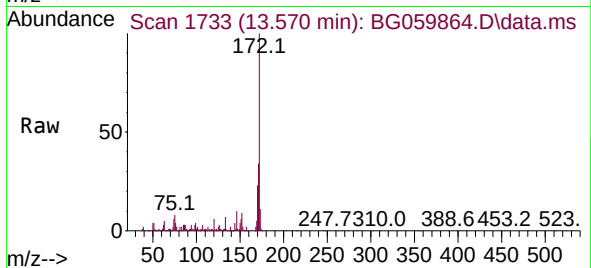
Tgt Ion:172 Resp: 704869

Ion Ratio Lower Upper

172 100

171 34.2 27.7 41.5

170 22.7 18.4 27.6



#57

2,4-Dinitrotoluene

Concen: 5.810 ng

RT: 14.951 min Scan# 1968

Delta R.T. -0.373 min

Lab File: BG059864.D

Acq: 24 Nov 2023 19:02

Tgt Ion:165 Resp: 11862

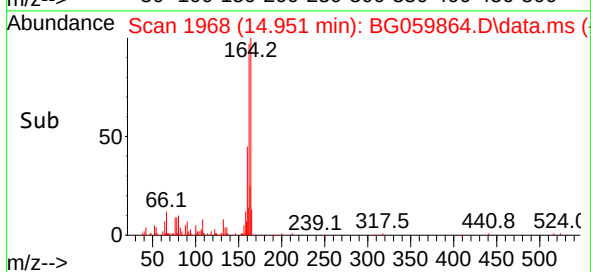
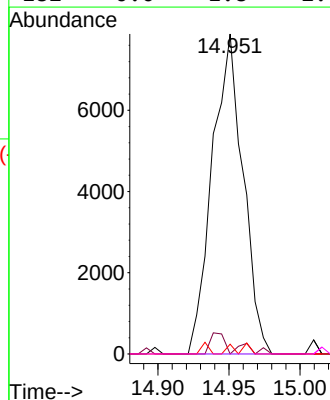
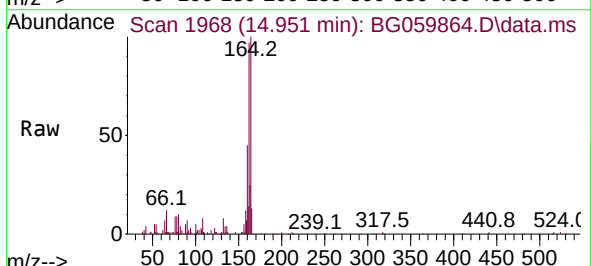
Ion Ratio Lower Upper

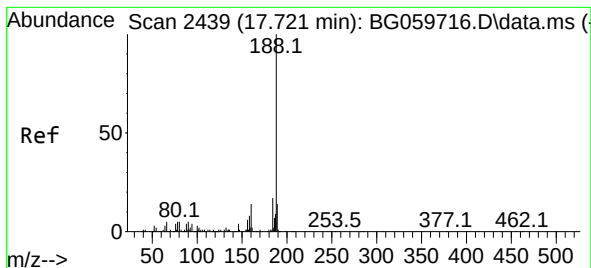
165 100

63 0.0 55.8 83.8#

89 3.1 96.9 145.3#

182 0.0 1.8 2.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.700 min Scan# 2439

Delta R.T. -0.009 min

Lab File: BG059864.D

Acq: 24 Nov 2023 19:02

Instrument :

BNA_G

ClientSampleId :

PB157019BL

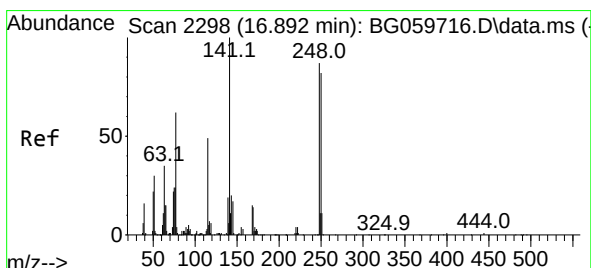
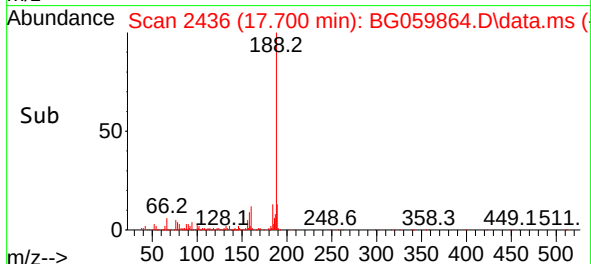
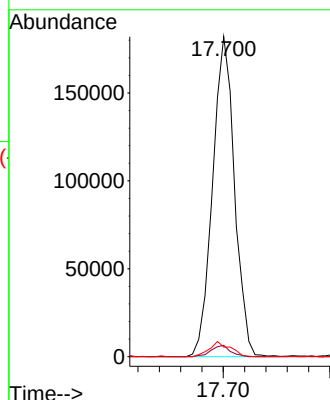
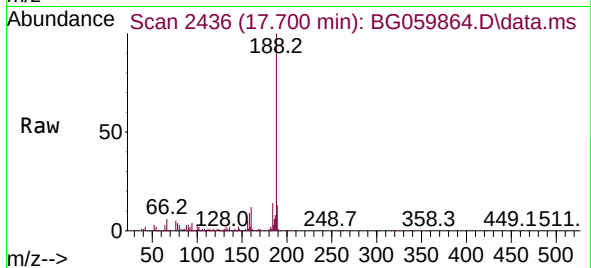
Tgt Ion:188 Resp: 259301

Ion Ratio Lower Upper

188 100

94 3.5 3.0 4.4

80 3.0 4.2 6.4#



#67

4-Bromophenyl-phenylether

Concen: 5.200 ng

RT: 16.437 min Scan# 2221

Delta R.T. -0.444 min

Lab File: BG059864.D

Acq: 24 Nov 2023 19:02

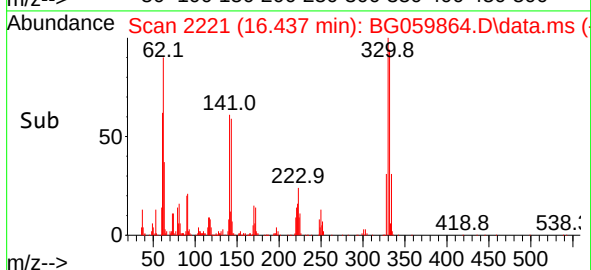
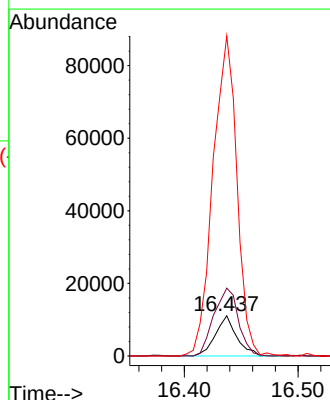
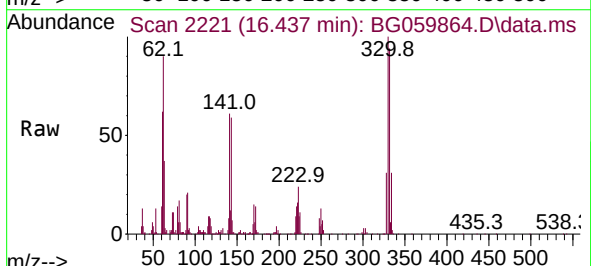
Tgt Ion:248 Resp: 14486

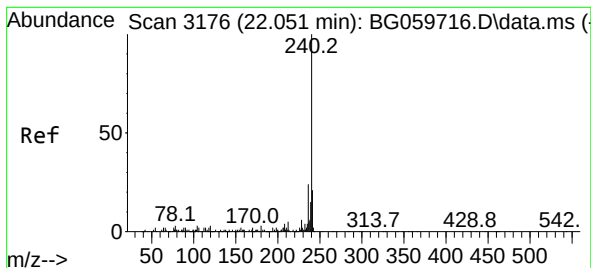
Ion Ratio Lower Upper

248 100

250 169.1 75.2 112.8#

141 796.9 91.5 137.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.019 min Scan# 31

Delta R.T. -0.015 min

Lab File: BG059864.D

Acq: 24 Nov 2023 19:02

Instrument :

BNA_G

ClientSampleId :

PB157019BL

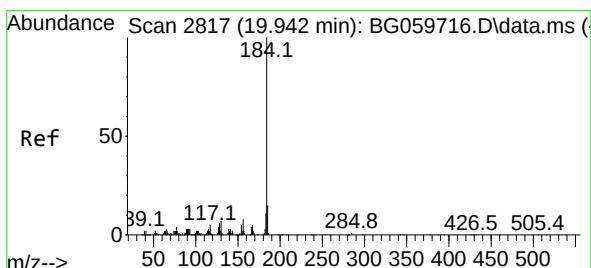
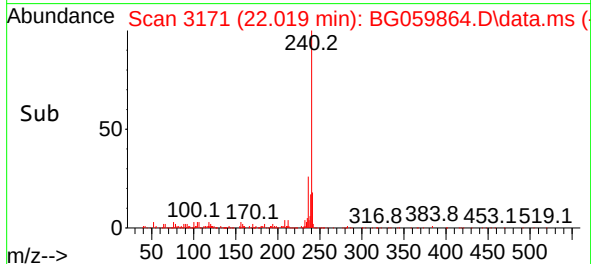
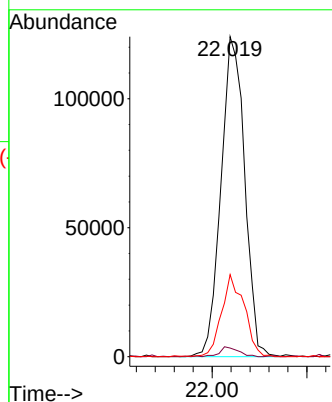
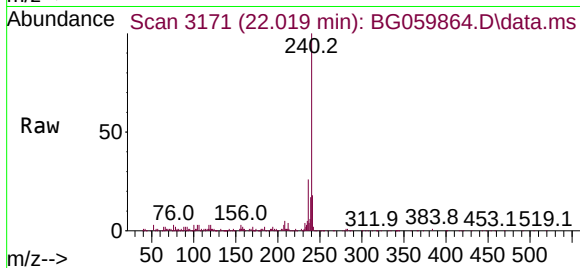
Tgt Ion:240 Resp: 215098

Ion Ratio Lower Upper

240 100

120 2.7 2.2 3.2

236 25.7 19.4 29.2



#77

Benzidine

Concen: 10.157 ng

RT: 20.274 min Scan# 2874

Delta R.T. 0.343 min

Lab File: BG059864.D

Acq: 24 Nov 2023 19:02

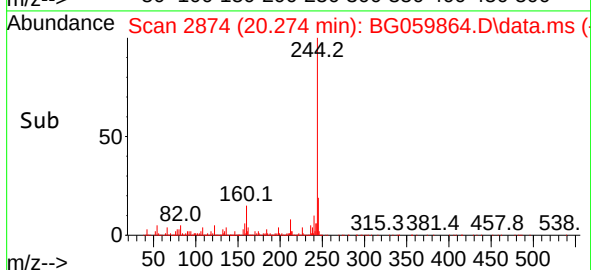
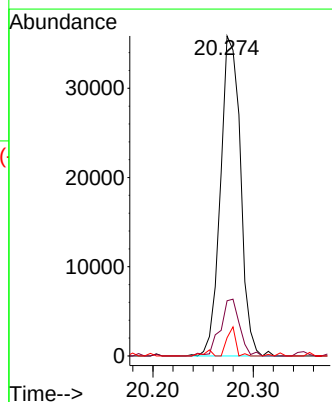
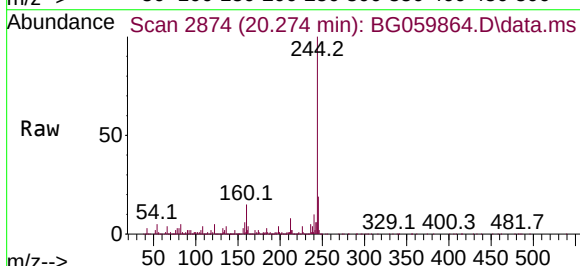
Tgt Ion:184 Resp: 49541

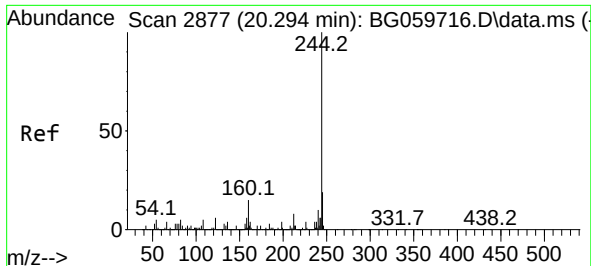
Ion Ratio Lower Upper

184 100

185 17.3 12.2 18.2

183 5.7 8.8 13.2#

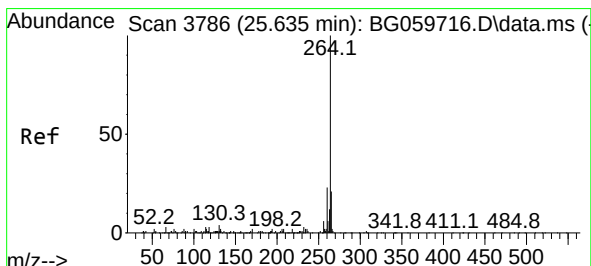
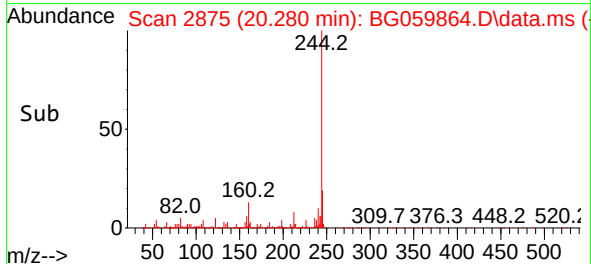
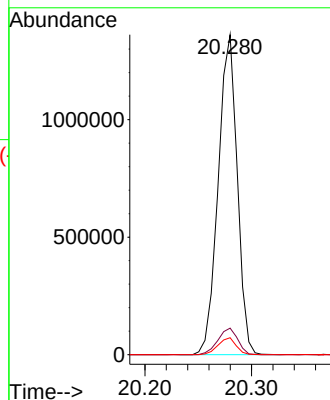
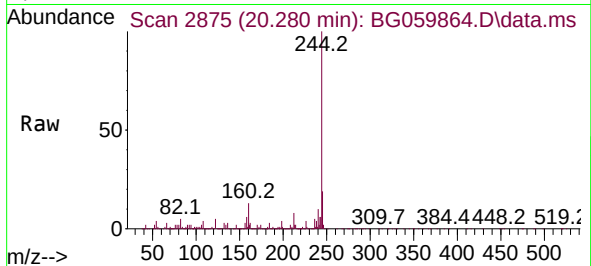




#79
 Terphenyl-d14
 Concen: 115.594 ng
 RT: 20.280 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG059864.D
 Acq: 24 Nov 2023 19:02

Instrument :
 BNA_G
 ClientSampleId :
 PB157019BL

Tgt Ion:244 Resp: 1684277
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.6 10.0
 122 5.3 4.4 6.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.585 min Scan# 3778
 Delta R.T. -0.027 min
 Lab File: BG059864.D
 Acq: 24 Nov 2023 19:02

Tgt Ion:264 Resp: 214139
 Ion Ratio Lower Upper
 264 100
 260 17.6 18.5 27.7#
 265 21.2 17.0 25.6

