

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090524\
 Data File : BG062659.D
 Acq On : 5 Sep 2024 9:50
 Operator : MA/JU
 Sample : PB162549BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB162549BL

Quant Time: Sep 05 11:10:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG083024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 31 02:36:01 2024
 Response via : Initial Calibration

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

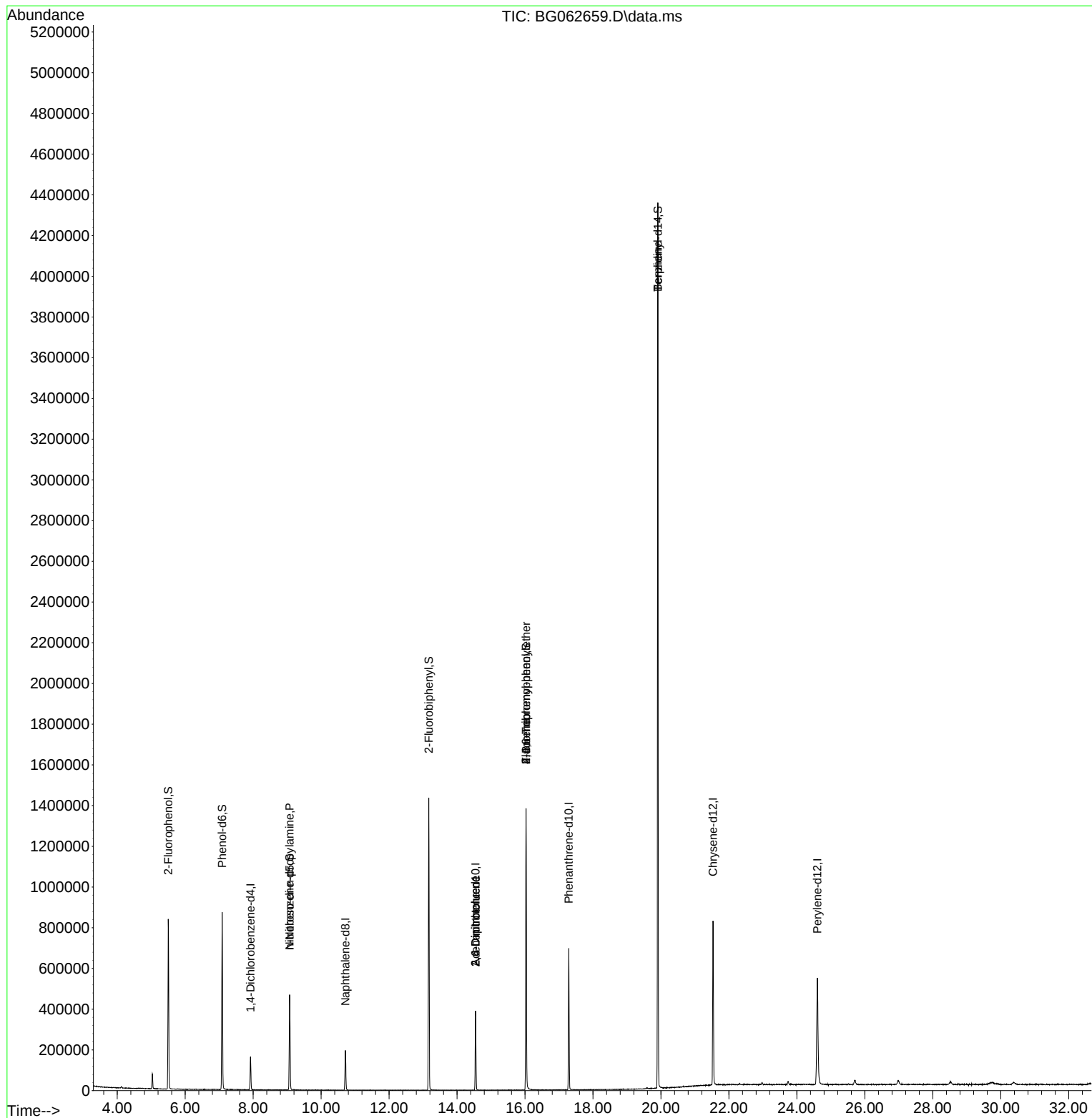
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.921	152	44973	20.000	ng	0.00
21) Naphthalene-d8	10.712	136	173409	20.000	ng	0.00
39) Acenaphthene-d10	14.543	164	144133	20.000	ng	0.00
64) Phenanthrene-d10	17.287	188	439556	20.000	ng	0.00
76) Chrysene-d12	21.529	240	509362	20.000	ng	0.00
86) Perylene-d12	24.602	264	567429	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.500	112	348285	133.863	ng	0.00
7) Phenol-d6	7.087	99	482210	128.293	ng	0.00
23) Nitrobenzene-d5	9.073	82	284670	88.411	ng	0.00
42) 2,4,6-Tribromophenol	16.029	330	301863	148.818	ng	0.00
45) 2-Fluorobiphenyl	13.168	172	767091	86.207	ng	0.00
79) Terphenyl-d14	19.907	244	2207099	85.918	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.073	70	36770	12.415	ng	# 81
51) 2,6-Dinitrotoluene	14.543	165	18547	9.304	ng	# 24
57) 2,4-Dinitrotoluene	14.543	165	18547	6.819	ng	# 25
58) Fluorene	16.029	166	9849	1.014	ng	# 93
67) 4-Bromophenyl-phenylether	16.029	248	20060	4.422	ng	# 1
77) Benzidine	19.907	184	32645	3.556	ng	# 93

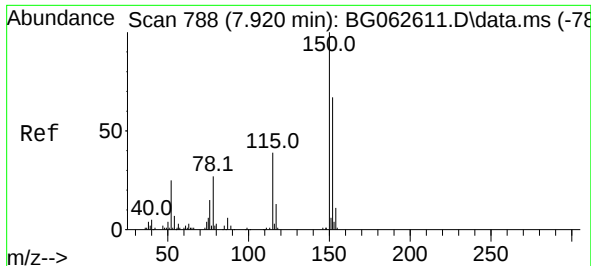
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090524\
Data File : BG062659.D
Acq On : 5 Sep 2024 9:50
Operator : MA/JU
Sample : PB162549BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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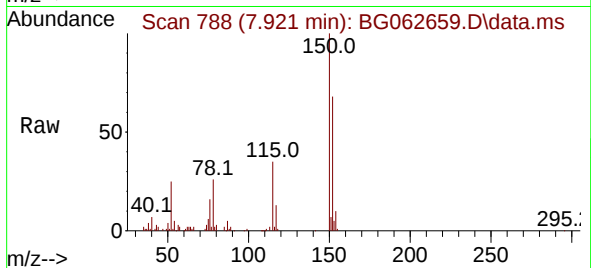
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 31 02:36:01 2024
Response via : Initial Calibration



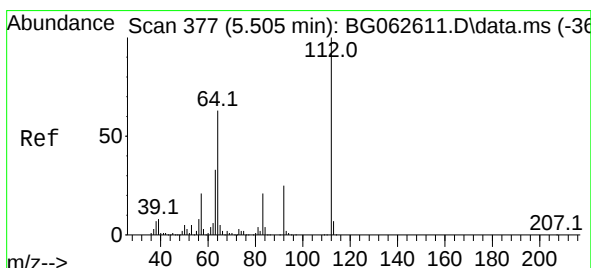
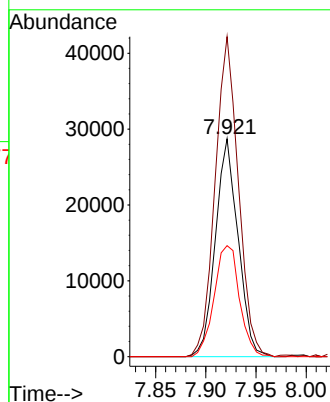
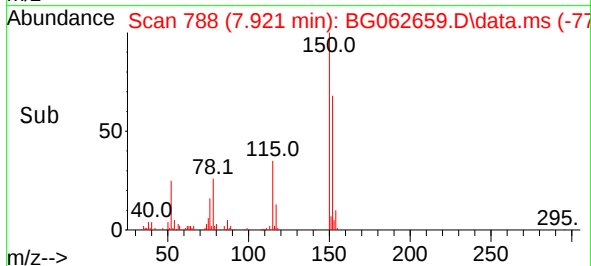


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.921 min Scan# 71
Delta R.T. 0.001 min
Lab File: BG062659.D
Acq: 5 Sep 2024 9:50

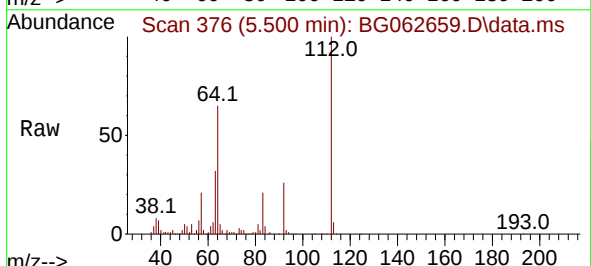
Instrument :
BNA_G
ClientSampleId :
PB162549BL



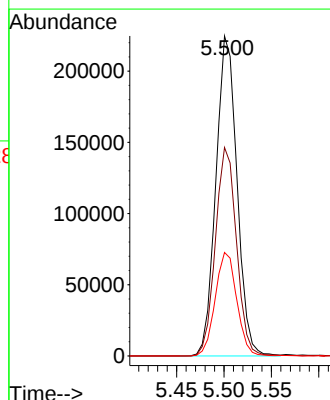
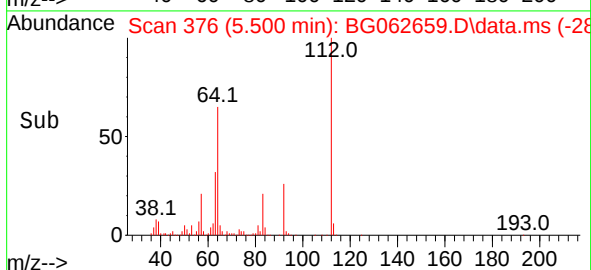
Tgt Ion:152 Resp: 44973
Ion Ratio Lower Upper
152 100
150 146.8 119.9 179.9
115 50.9 46.6 69.8

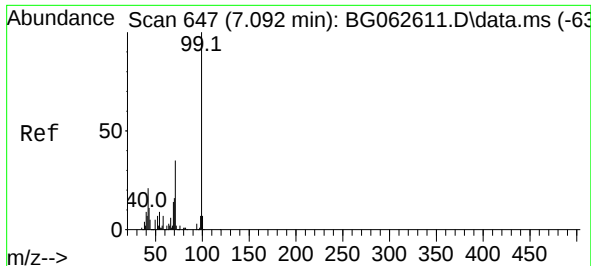


#5
2-Fluorophenol
Concen: 133.863 ng
RT: 5.500 min Scan# 376
Delta R.T. -0.005 min
Lab File: BG062659.D
Acq: 5 Sep 2024 9:50



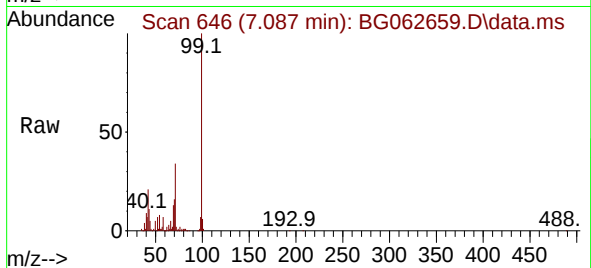
Tgt Ion:112 Resp: 348285
Ion Ratio Lower Upper
112 100
64 65.1 50.2 75.2
63 32.3 26.6 39.8



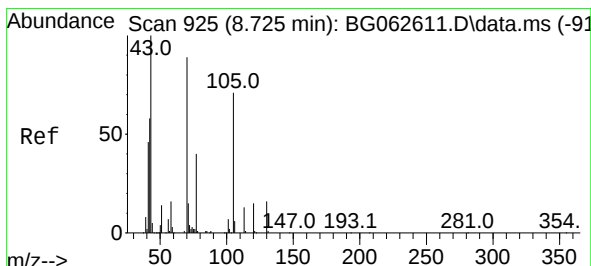
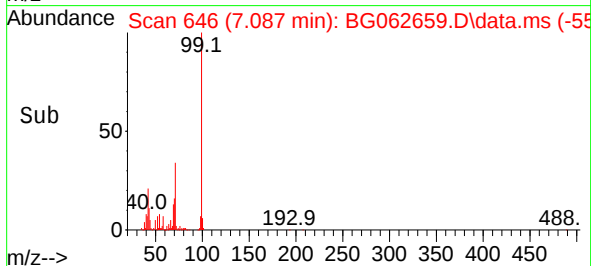
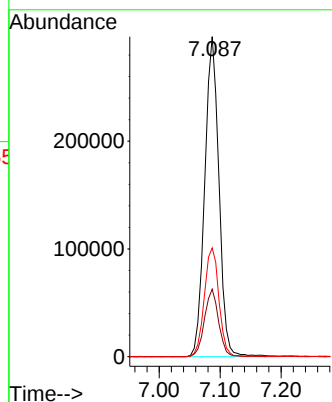


#7
Phenol-d6
Concen: 128.293 ng
RT: 7.087 min Scan# 64
Delta R.T. -0.005 min
Lab File: BG062659.D
Acq: 5 Sep 2024 9:50

Instrument :
BNA_G
ClientSampleId :
PB162549BL

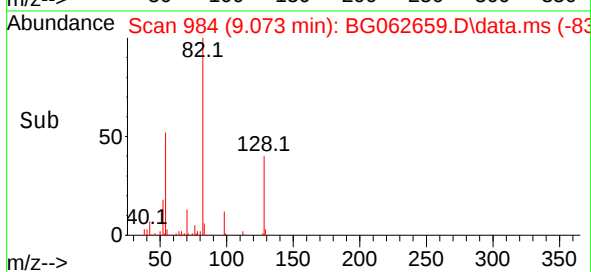
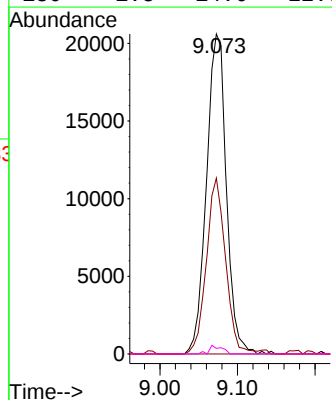
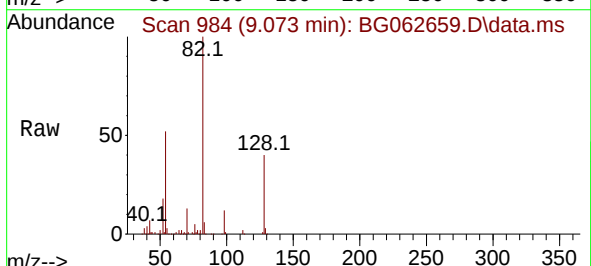


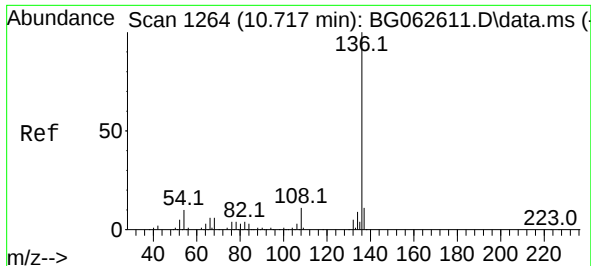
Tgt Ion: 99 Resp: 482210
Ion Ratio Lower Upper
99 100
42 21.1 16.9 25.3
71 34.0 27.9 41.9



#19
n-Nitroso-di-n-propylamine
Concen: 12.415 ng
RT: 9.073 min Scan# 984
Delta R.T. 0.348 min
Lab File: BG062659.D
Acq: 5 Sep 2024 9:50

Tgt Ion: 70 Resp: 36770
Ion Ratio Lower Upper
70 100
42 55.0 52.3 78.5
101 0.0 6.6 9.8#
130 1.8 14.6 22.0#

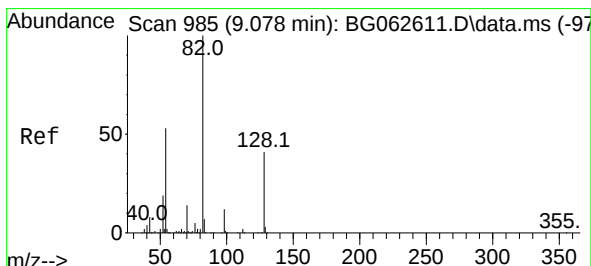
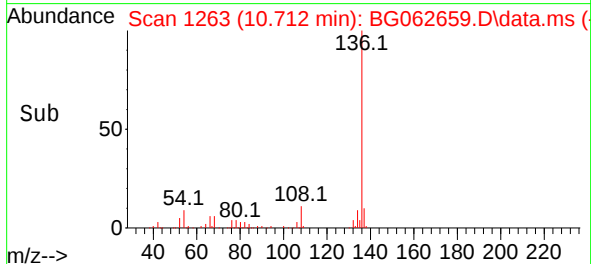
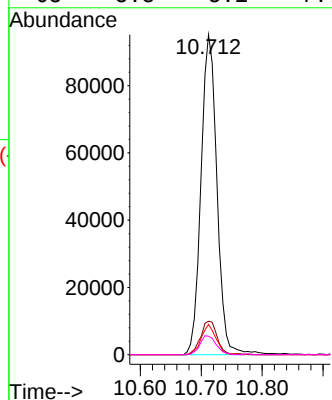
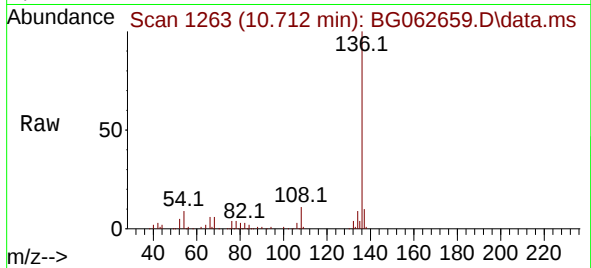




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.712 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG062659.D
Acq: 5 Sep 2024 9:50

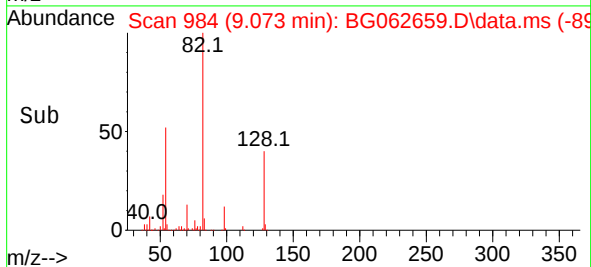
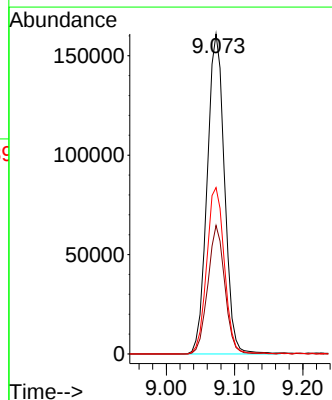
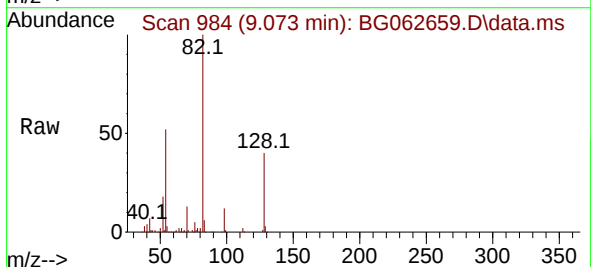
Instrument :
BNA_G
ClientSampleId :
PB162549BL

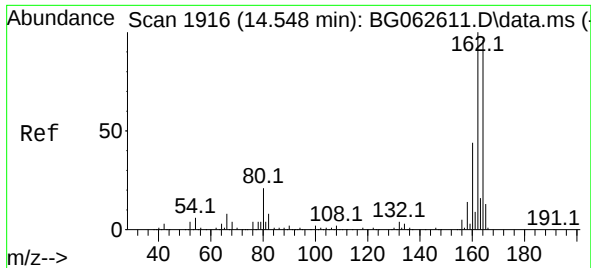
Tgt Ion:136 Resp: 173409
Ion Ratio Lower Upper
136 100
137 10.5 9.0 13.4
54 9.4 7.8 11.6
68 5.8 5.1 7.7



#23
Nitrobenzene-d5
Concen: 88.411 ng
RT: 9.073 min Scan# 984
Delta R.T. -0.005 min
Lab File: BG062659.D
Acq: 5 Sep 2024 9:50

Tgt Ion: 82 Resp: 284670
Ion Ratio Lower Upper
82 100
128 40.2 32.5 48.7
54 52.0 42.5 63.7

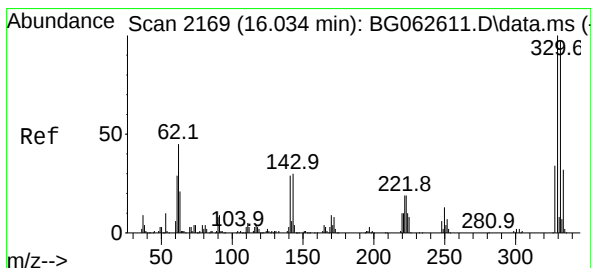
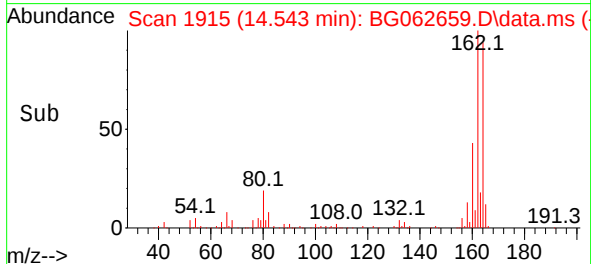
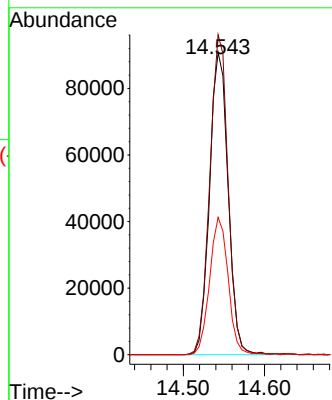
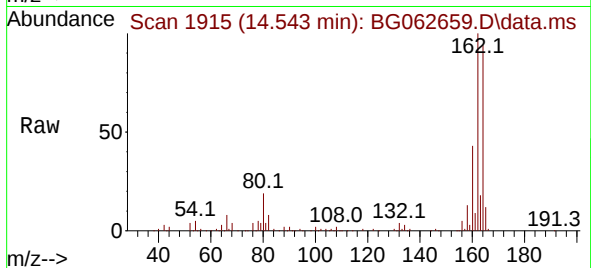




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.543 min Scan# 1916
Delta R.T. -0.005 min
Lab File: BG062659.D
Acq: 5 Sep 2024 9:50

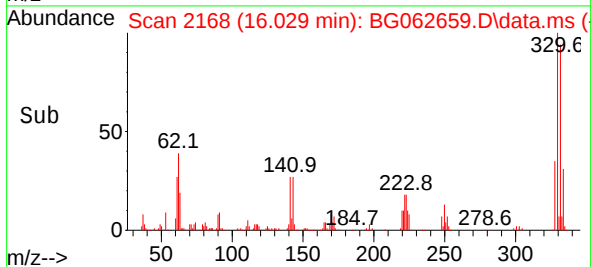
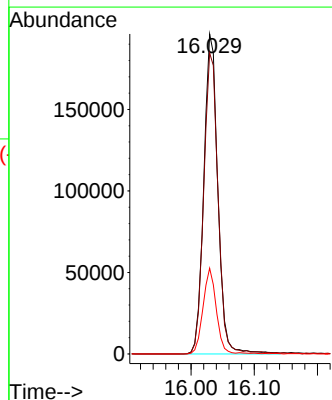
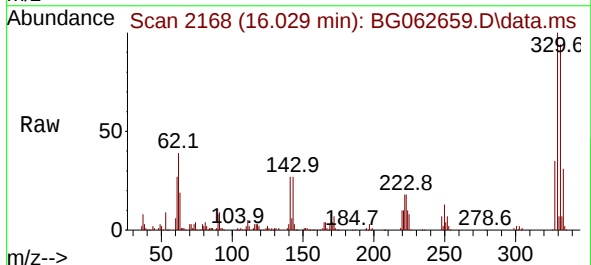
Instrument :
BNA_G
ClientSampleId :
PB162549BL

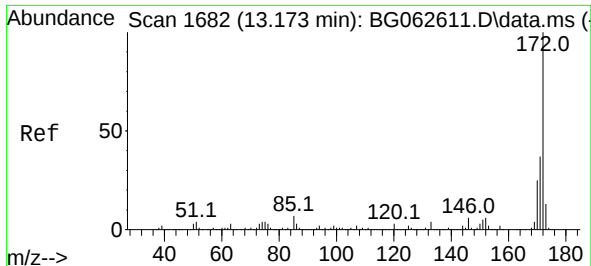
Tgt Ion:164 Resp: 144133
Ion Ratio Lower Upper
164 100
162 105.8 83.1 124.7
160 45.4 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 148.818 ng
RT: 16.029 min Scan# 2168
Delta R.T. -0.005 min
Lab File: BG062659.D
Acq: 5 Sep 2024 9:50

Tgt Ion:330 Resp: 301863
Ion Ratio Lower Upper
330 100
332 95.6 77.2 115.8
141 25.1 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 86.207 ng

RT: 13.168 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG062659.D

Acq: 5 Sep 2024 9:50

Instrument :

BNA_G

ClientSampleId :

PB162549BL

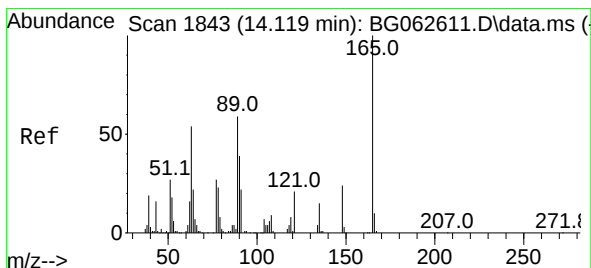
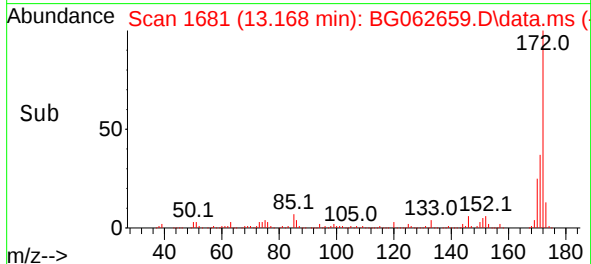
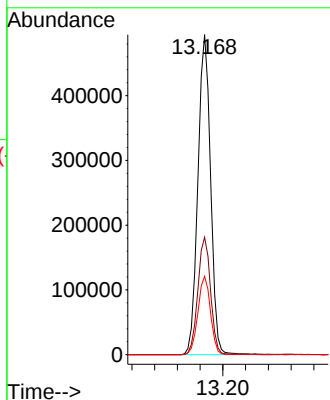
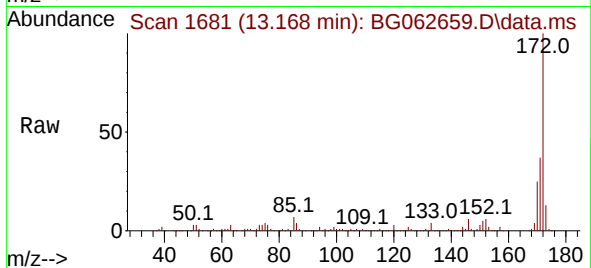
Tgt Ion:172 Resp: 767091

Ion Ratio Lower Upper

172 100

171 36.7 29.7 44.5

170 24.5 20.0 30.0



#51

2,6-Dinitrotoluene

Concen: 9.304 ng

RT: 14.543 min Scan# 1915

Delta R.T. 0.424 min

Lab File: BG062659.D

Acq: 5 Sep 2024 9:50

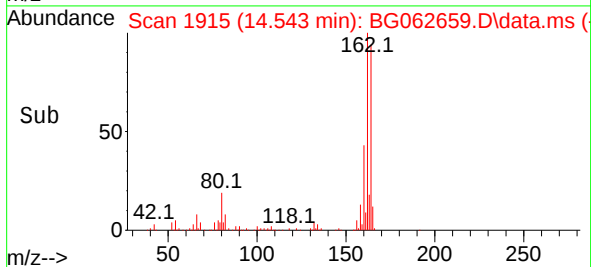
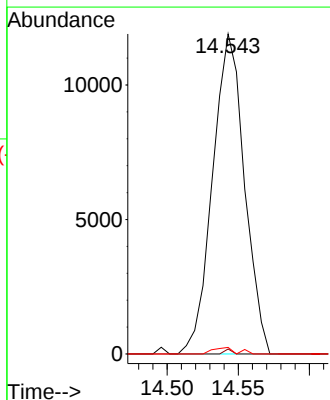
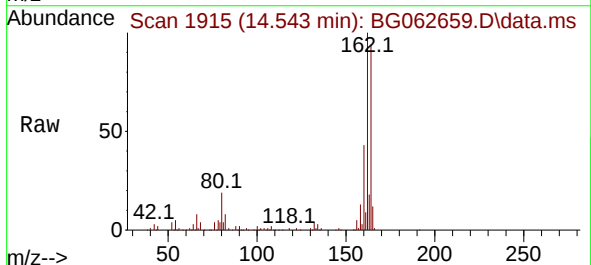
Tgt Ion:165 Resp: 18547

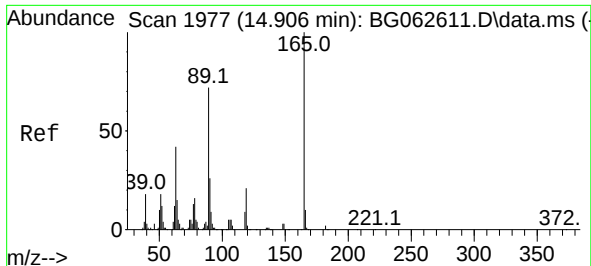
Ion Ratio Lower Upper

165 100

63 1.5 46.6 69.8#

89 2.1 47.2 70.8#

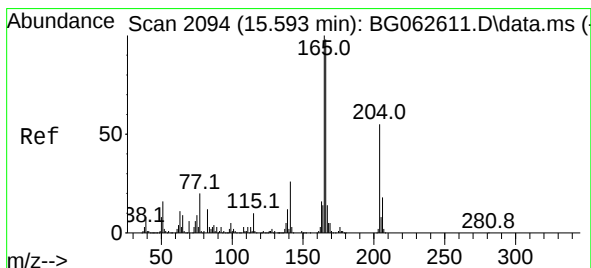
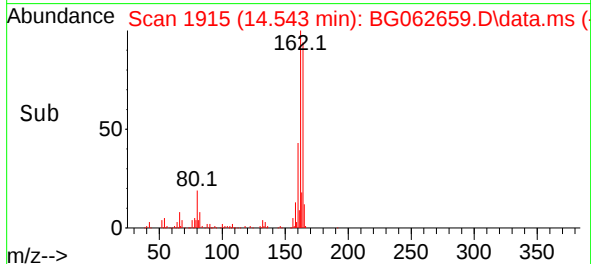
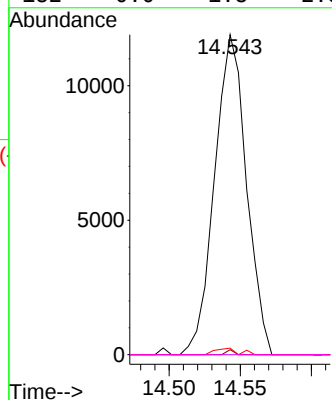
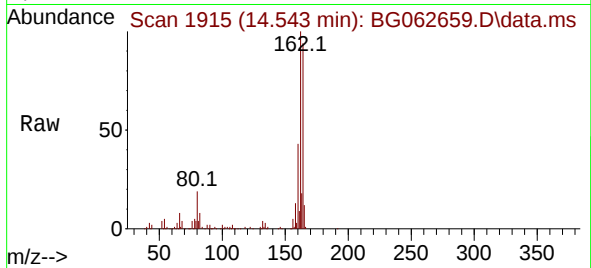




#57
2,4-Dinitrotoluene
Concen: 6.819 ng
RT: 14.543 min Scan# 1
Delta R.T. -0.363 min
Lab File: BG062659.D
Acq: 5 Sep 2024 9:50

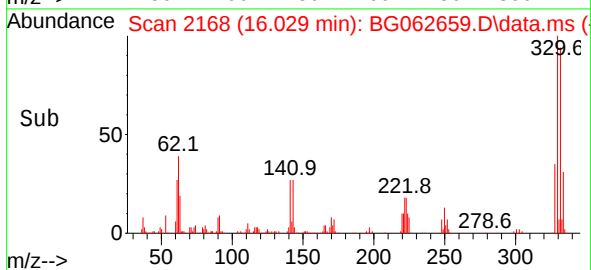
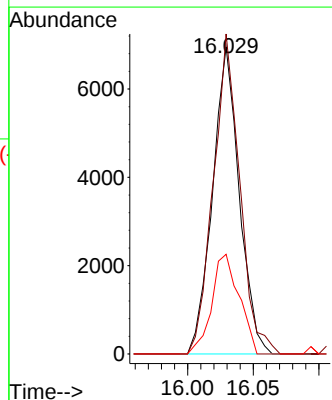
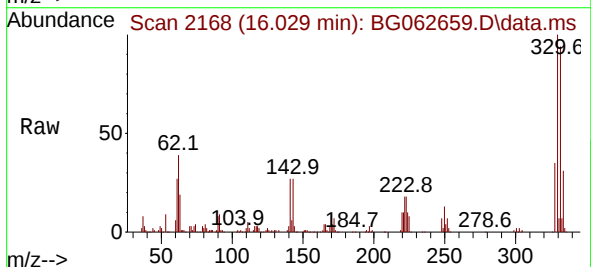
Instrument :
BNA_G
ClientSampleId :
PB162549BL

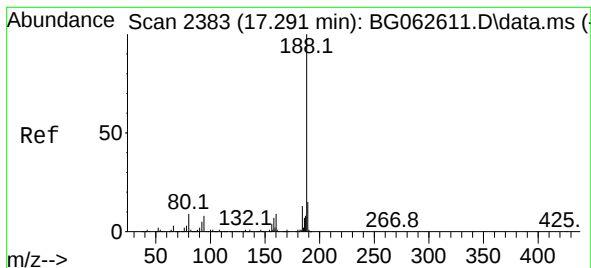
Tgt Ion:165 Resp: 18547
Ion Ratio Lower Upper
165 100
63 1.5 33.8 50.6#
89 2.1 57.9 86.9#
182 0.0 1.8 2.8#



#58
Fluorene
Concen: 1.014 ng
RT: 16.029 min Scan# 2168
Delta R.T. 0.436 min
Lab File: BG062659.D
Acq: 5 Sep 2024 9:50

Tgt Ion:166 Resp: 9849
Ion Ratio Lower Upper
166 100
165 104.2 82.0 123.0
167 32.5 11.3 16.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.287 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG062659.D

Acq: 5 Sep 2024 9:50

Instrument :

BNA_G

ClientSampleId :

PB162549BL

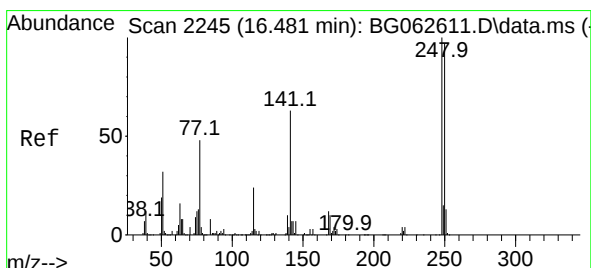
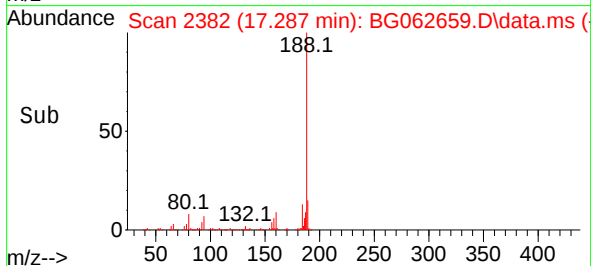
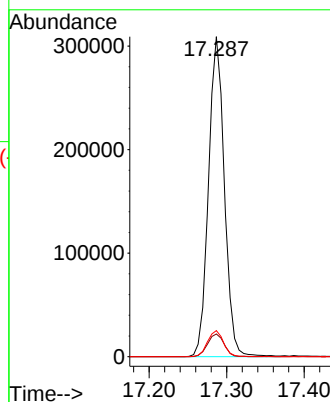
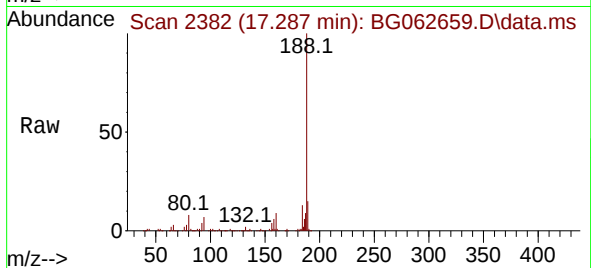
Tgt Ion:188 Resp: 439556

Ion Ratio Lower Upper

188 100

94 7.1 6.3 9.5

80 8.2 7.0 10.4



#67

4-Bromophenyl-phenylether

Concen: 4.422 ng

RT: 16.029 min Scan# 2168

Delta R.T. -0.451 min

Lab File: BG062659.D

Acq: 5 Sep 2024 9:50

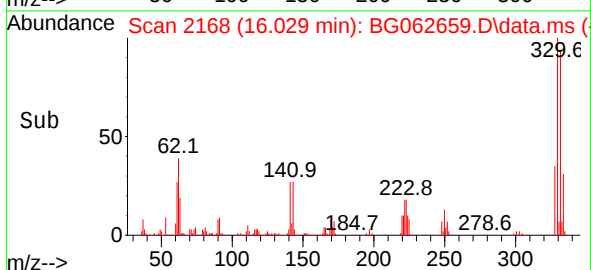
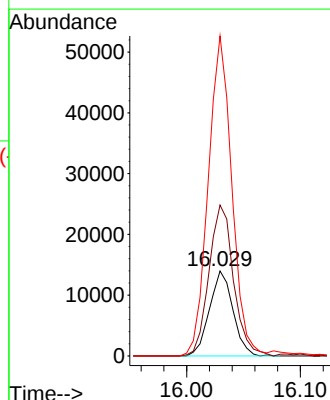
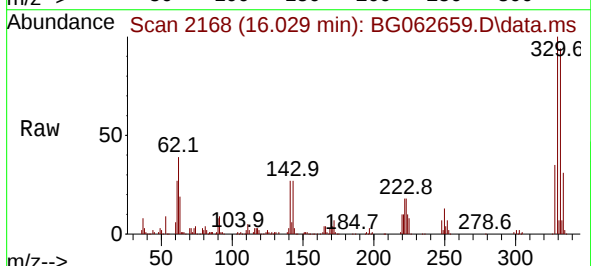
Tgt Ion:248 Resp: 20060

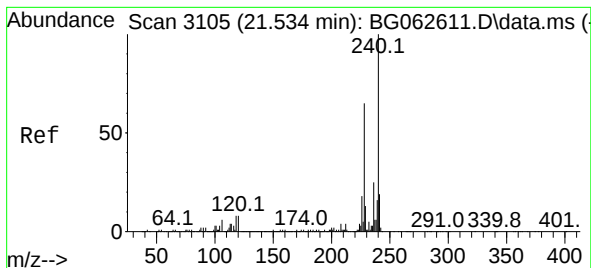
Ion Ratio Lower Upper

248 100

250 231.8 77.9 116.9#

141 376.7 50.2 75.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.529 min Scan# 3105

Delta R.T. -0.005 min

Lab File: BG062659.D

Acq: 5 Sep 2024 9:50

Instrument :

BNA_G

ClientSampleId :

PB162549BL

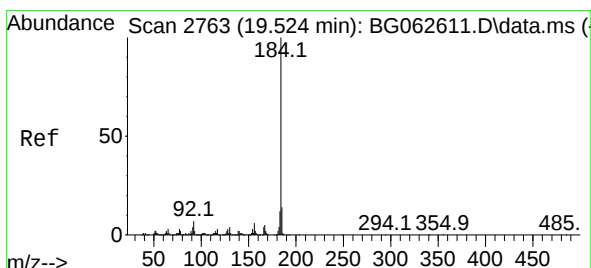
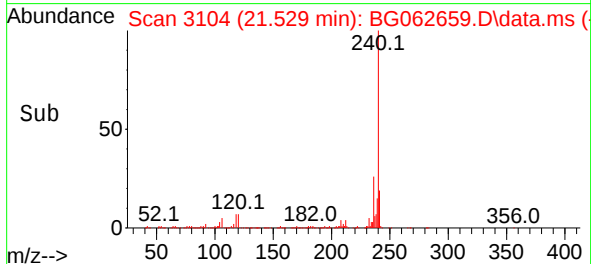
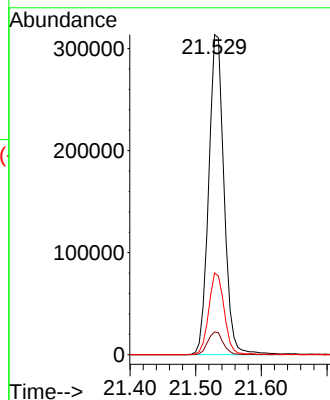
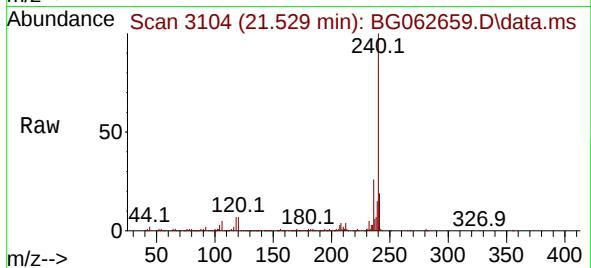
Tgt Ion:240 Resp: 509362

Ion Ratio Lower Upper

240 100

120 7.1 6.6 9.8

236 25.5 20.2 30.4



#77

Benzidine

Concen: 3.556 ng

RT: 19.907 min Scan# 2828

Delta R.T. 0.383 min

Lab File: BG062659.D

Acq: 5 Sep 2024 9:50

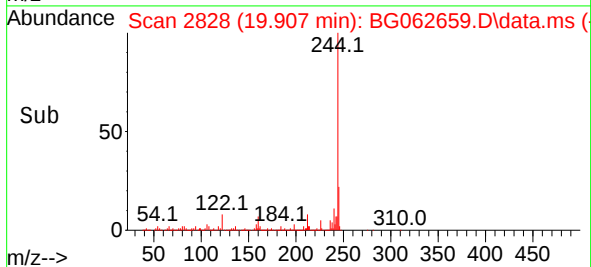
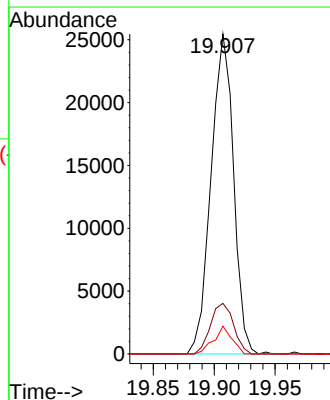
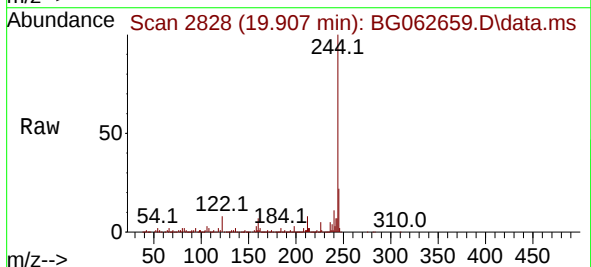
Tgt Ion:184 Resp: 32645

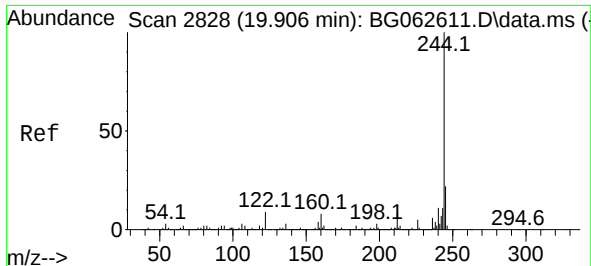
Ion Ratio Lower Upper

184 100

185 15.8 11.0 16.6

183 8.7 9.7 14.5#

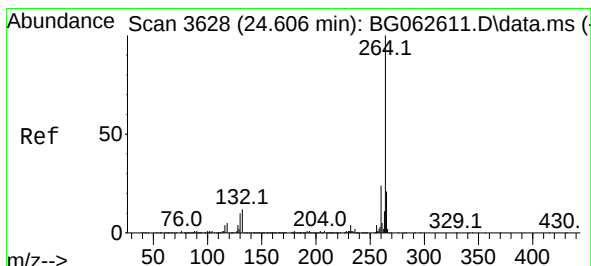
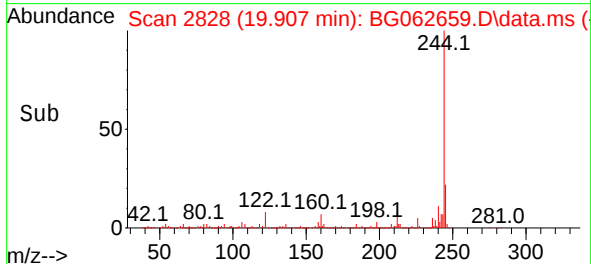
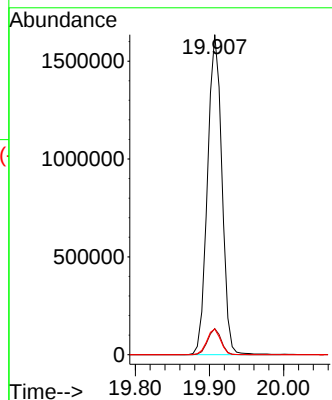
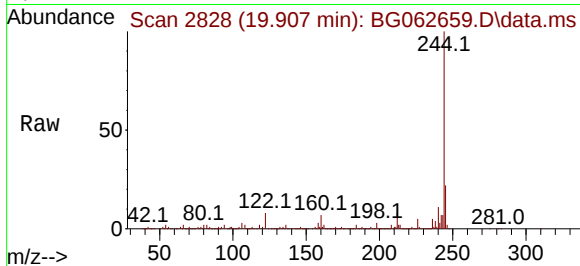




#79
 Terphenyl-d14
 Concen: 85.918 ng
 RT: 19.907 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG062659.D
 Acq: 5 Sep 2024 9:50

Instrument :
 BNA_G
 ClientSampleId :
 PB162549BL

Tgt Ion:244 Resp: 2207099
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.6 10.0
 122 8.0 7.2 10.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.602 min Scan# 3627
 Delta R.T. -0.005 min
 Lab File: BG062659.D
 Acq: 5 Sep 2024 9:50

Tgt Ion:264 Resp: 567429
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.4
 265 21.8 17.3 25.9

