

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090424\
 Data File : BG062655.D
 Acq On : 4 Sep 2024 23:45
 Operator : MA/JU
 Sample : PB163110BL
 Misc : LOD-MDL-WATER-8 ng
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB163110BL

Quant Time: Sep 05 04:55:07 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)

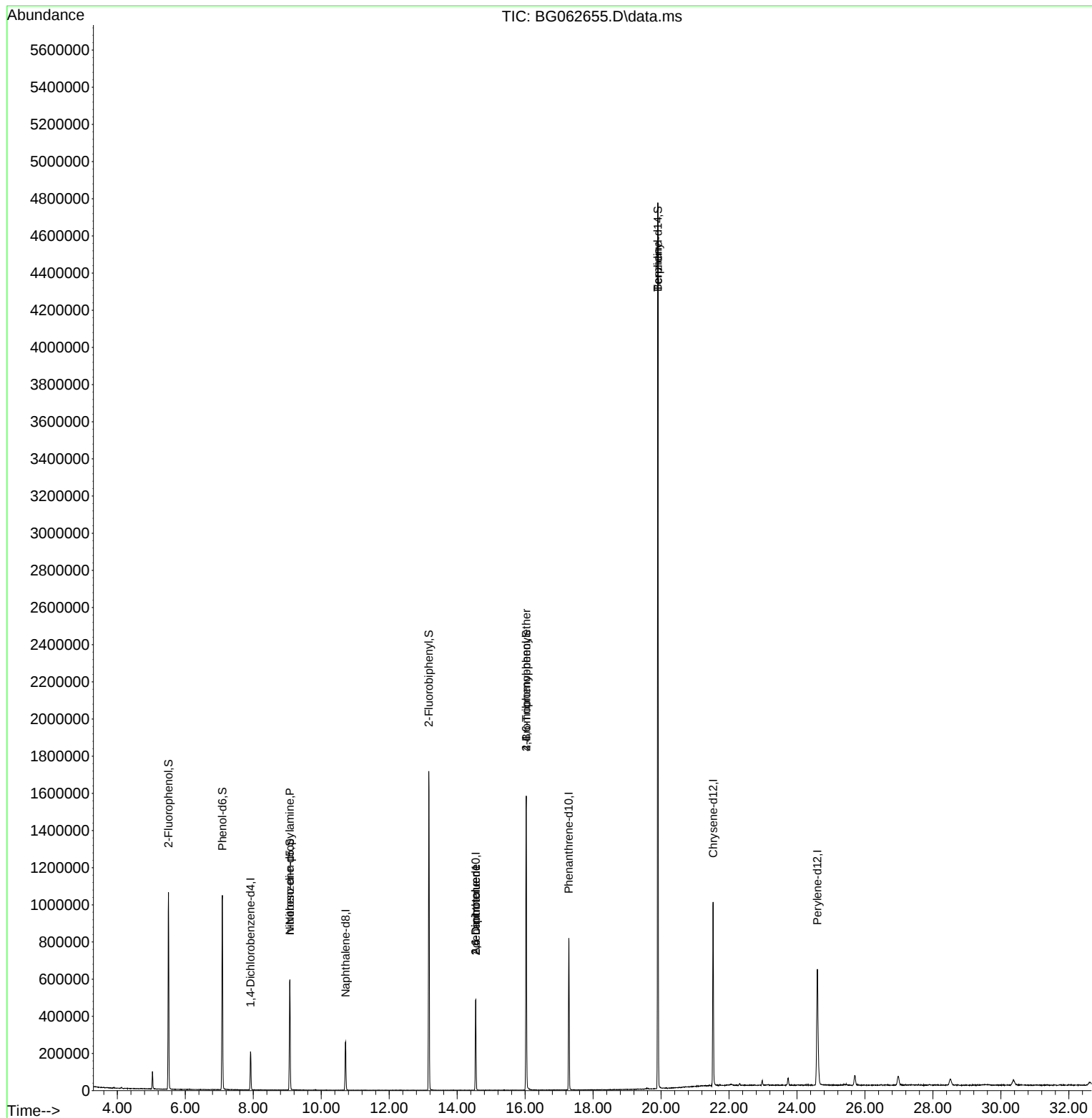
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.918	152	61071	20.000	ng	0.00
21) Naphthalene-d8	10.715	136	233716	20.000	ng	0.00
39) Acenaphthene-d10	14.546	164	185610	20.000	ng	0.00
64) Phenanthrene-d10	17.283	188	547717	20.000	ng	0.00
76) Chrysene-d12	21.531	240	613837	20.000	ng	0.00
86) Perylene-d12	24.598	264	697630	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.503	112	434714	123.040	ng	0.00
7) Phenol-d6	7.090	99	595704	116.712	ng	0.00
23) Nitrobenzene-d5	9.075	82	364332	83.955	ng	0.00
42) 2,4,6-Tribromophenol	16.032	330	356115	136.332	ng	0.00
45) 2-Fluorobiphenyl	13.165	172	935504	81.640	ng	0.00
79) Terphenyl-d14	19.904	244	2483163	80.212	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.075	70	47716	11.864	ng	# 79
51) 2,6-Dinitrotoluene	14.546	165	23988	9.344	ng	# 24
57) 2,4-Dinitrotoluene	14.546	165	23988	6.848	ng	# 24
67) 4-Bromophenyl-phenylether	16.032	248	23059	4.079	ng	# 1
77) Benzidine	19.904	184	39547	3.574	ng	# 95

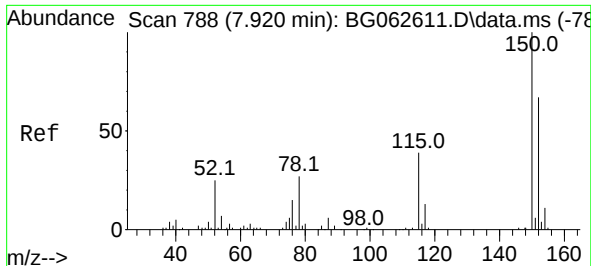
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BG062655.D
Acq On : 4 Sep 2024 23:45
Operator : MA/JU
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BNA_G
ClientSampleId :
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Quant Time: Sep 05 04:55:07 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

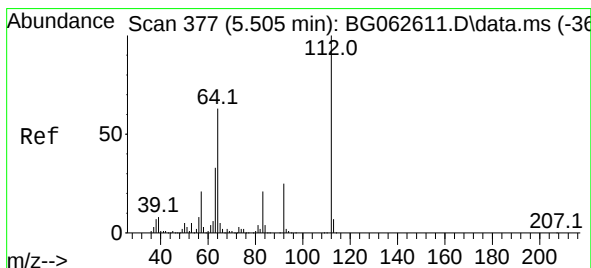
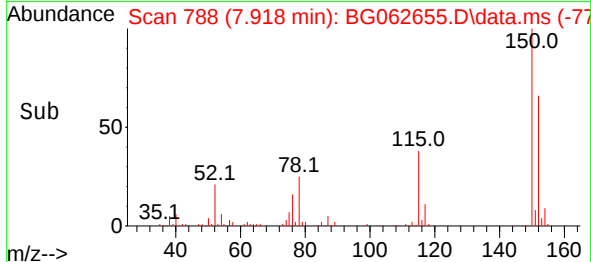
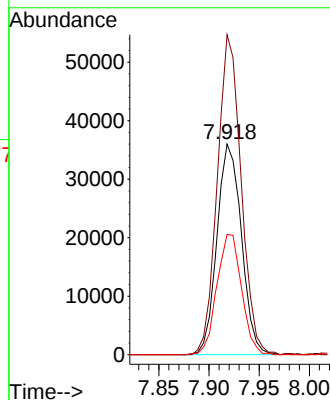
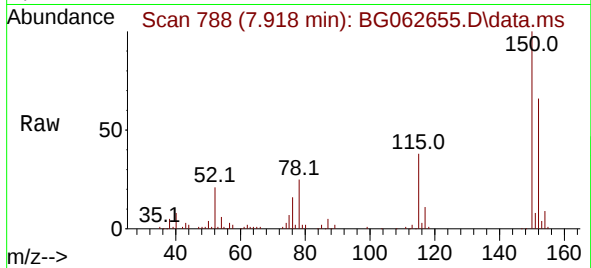




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.918 min Scan# 71
Delta R.T. -0.002 min
Lab File: BG062655.D
Acq: 4 Sep 2024 23:45

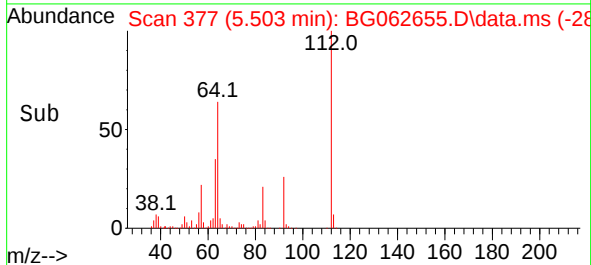
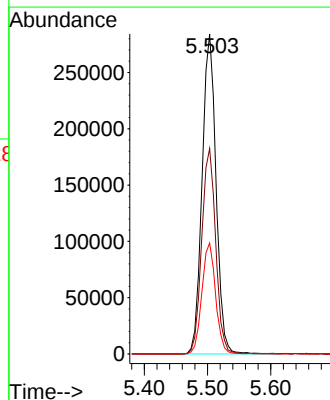
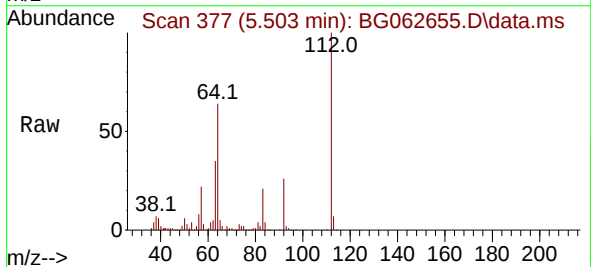
Instrument :
BNA_G
ClientSampleId :
PB163110BL

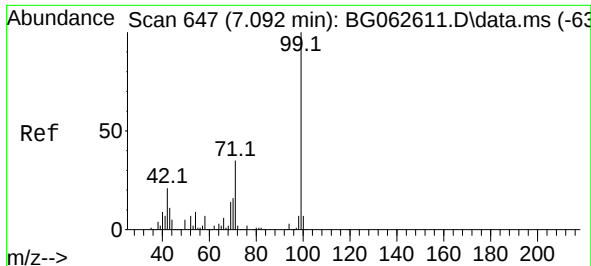
Tgt Ion:152 Resp: 61071
Ion Ratio Lower Upper
152 100
150 152.0 119.9 179.9
115 57.1 46.6 69.8



#5
2-Fluorophenol
Concen: 123.040 ng
RT: 5.503 min Scan# 377
Delta R.T. -0.002 min
Lab File: BG062655.D
Acq: 4 Sep 2024 23:45

Tgt Ion:112 Resp: 434714
Ion Ratio Lower Upper
112 100
64 64.2 50.2 75.2
63 34.7 26.6 39.8

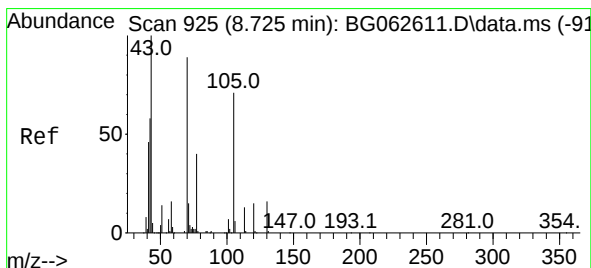
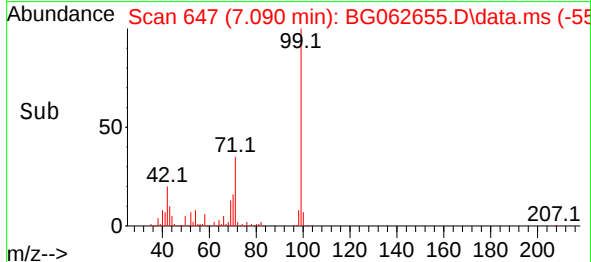
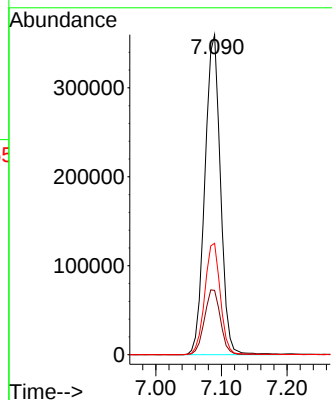
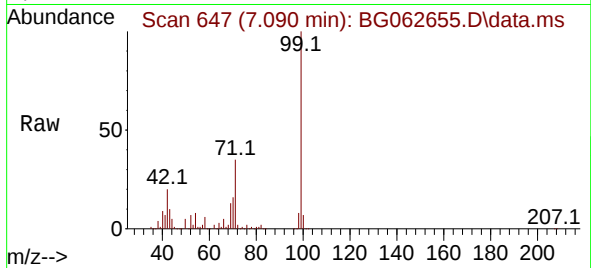




#7
Phenol-d6
Concen: 116.712 ng
RT: 7.090 min Scan# 64
Delta R.T. -0.002 min
Lab File: BG062655.D
Acq: 4 Sep 2024 23:45

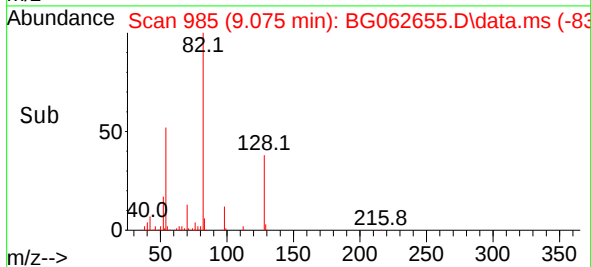
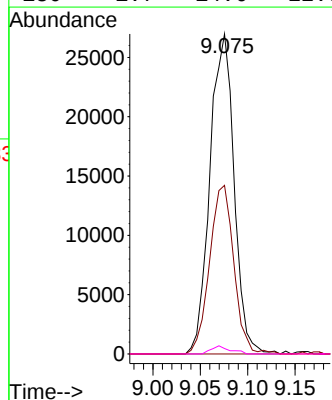
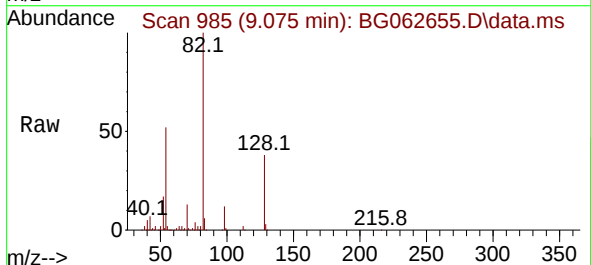
Instrument :
BNA_G
ClientSampleId :
PB163110BL

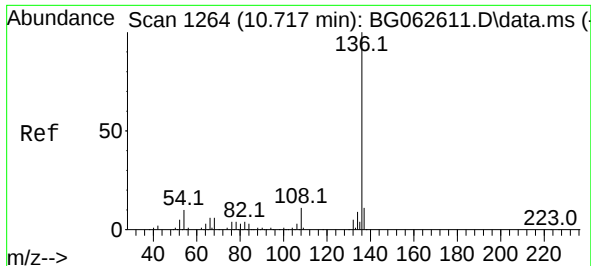
Tgt Ion: 99 Resp: 595704
Ion Ratio Lower Upper
99 100
42 20.1 16.9 25.3
71 34.8 27.9 41.9



#19
n-Nitroso-di-n-propylamine
Concen: 11.864 ng
RT: 9.075 min Scan# 985
Delta R.T. 0.350 min
Lab File: BG062655.D
Acq: 4 Sep 2024 23:45

Tgt Ion: 70 Resp: 47716
Ion Ratio Lower Upper
70 100
42 52.7 52.3 78.5
101 0.0 6.6 9.8#
130 1.7 14.6 22.0#



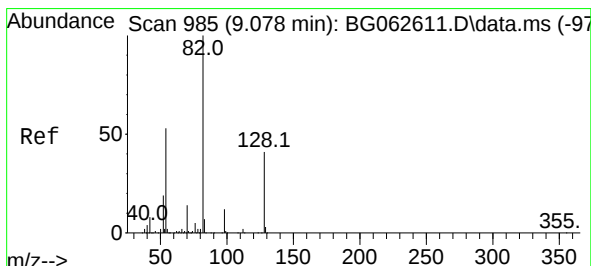
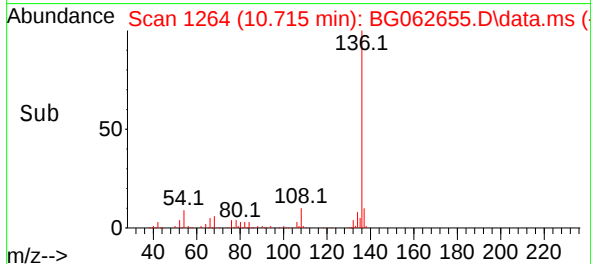
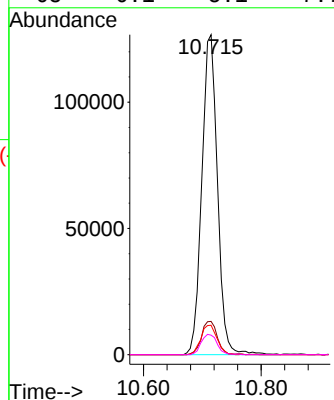
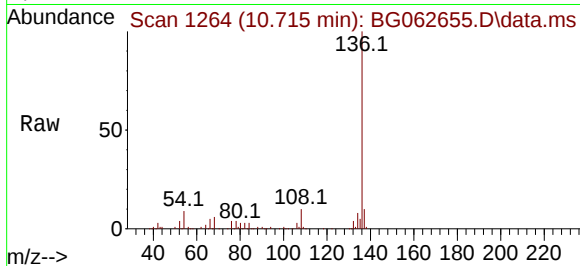


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.715 min Scan# 1264
Delta R.T. -0.002 min
Lab File: BG062655.D
Acq: 4 Sep 2024 23:45

Instrument :
BNA_G
ClientSampleId :
PB163110BL

Tgt Ion:136 Resp: 233716

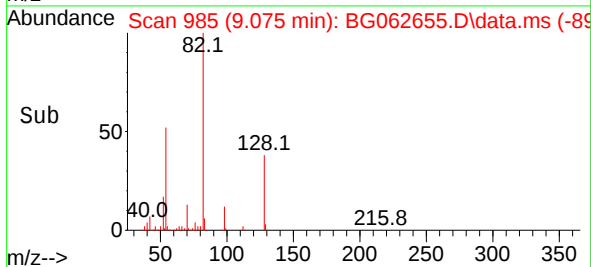
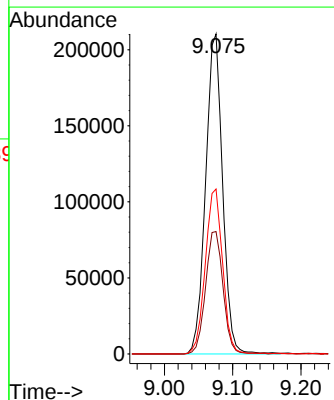
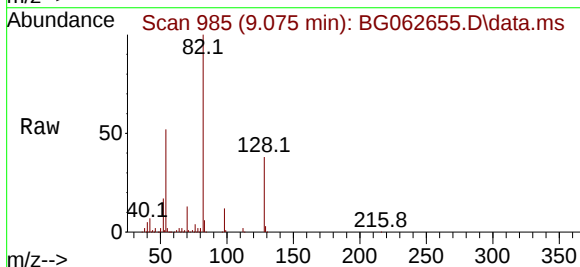
Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.0	13.4
54	9.2	7.8	11.6
68	6.1	5.1	7.7

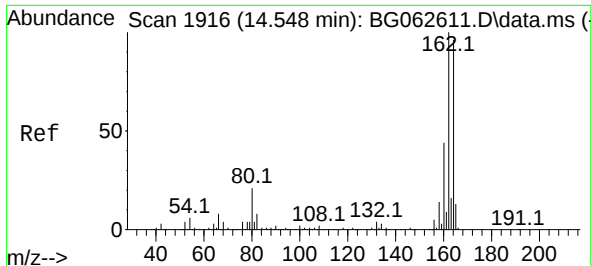


#23
Nitrobenzene-d5
Concen: 83.955 ng
RT: 9.075 min Scan# 985
Delta R.T. -0.002 min
Lab File: BG062655.D
Acq: 4 Sep 2024 23:45

Tgt Ion: 82 Resp: 364332

Ion	Ratio	Lower	Upper
82	100		
128	38.2	32.5	48.7
54	51.5	42.5	63.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.546 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG062655.D

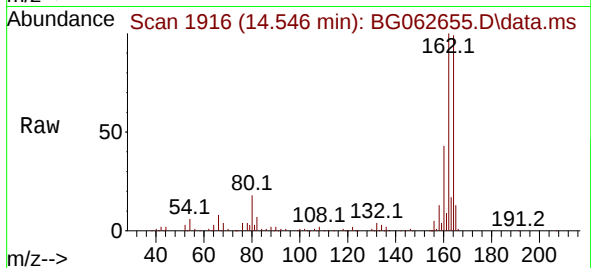
Acq: 4 Sep 2024 23:45

Instrument :

BNA_G

ClientSampleId :

PB163110BL



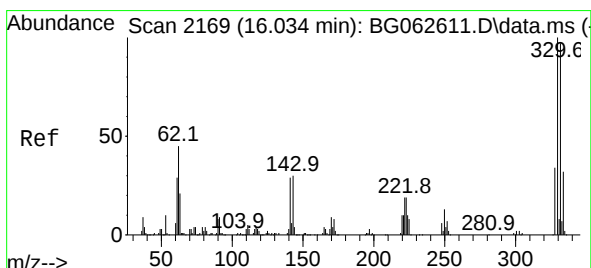
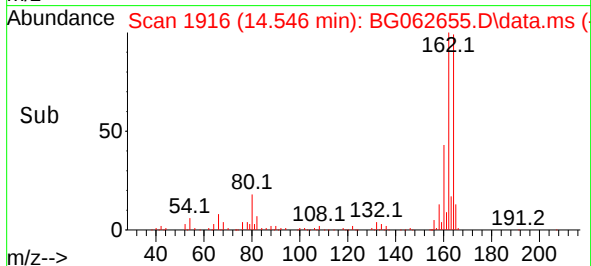
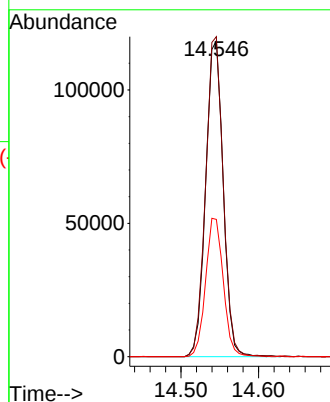
Tgt Ion:164 Resp: 185610

Ion Ratio Lower Upper

164 100

162 101.3 83.1 124.7

160 43.5 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 136.332 ng

RT: 16.032 min Scan# 2169

Delta R.T. -0.002 min

Lab File: BG062655.D

Acq: 4 Sep 2024 23:45

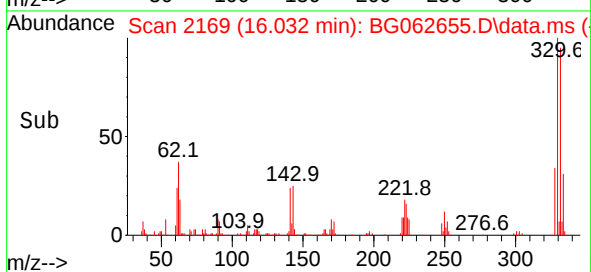
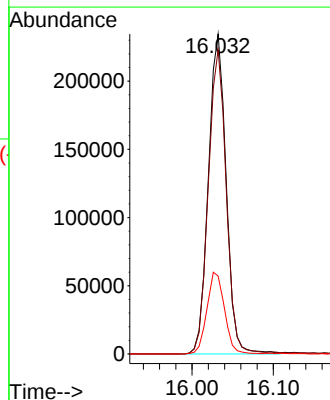
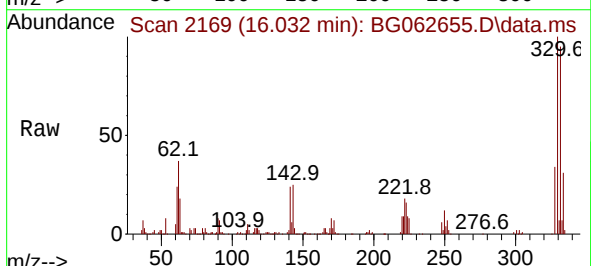
Tgt Ion:330 Resp: 356115

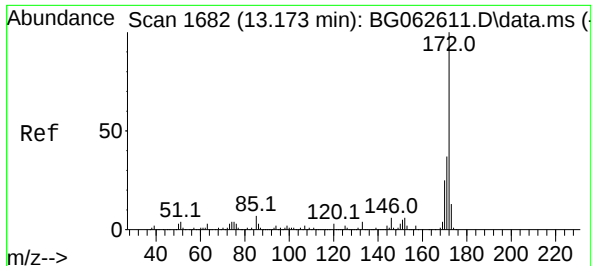
Ion Ratio Lower Upper

330 100

332 95.7 77.2 115.8

141 25.2 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 81.640 ng

RT: 13.165 min Scan# 1

Delta R.T. -0.008 min

Lab File: BG062655.D

Acq: 4 Sep 2024 23:45

Instrument :

BNA_G

ClientSampleId :

PB163110BL

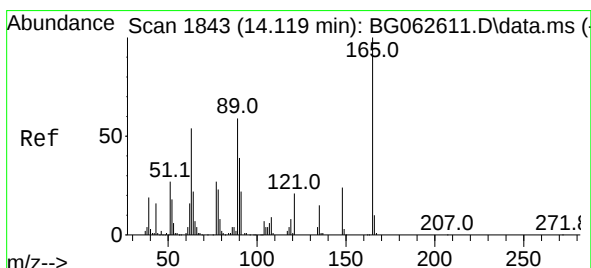
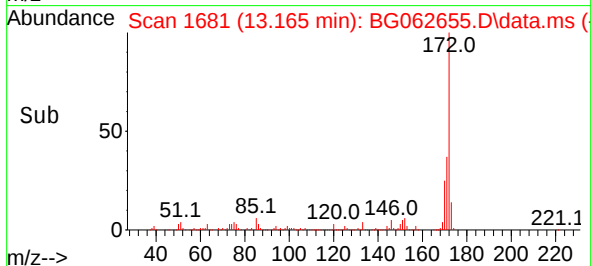
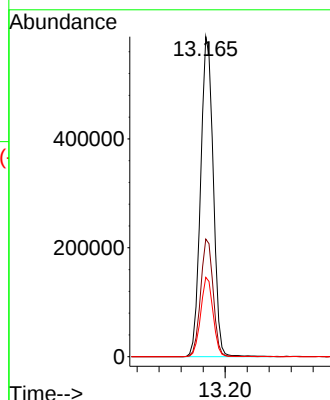
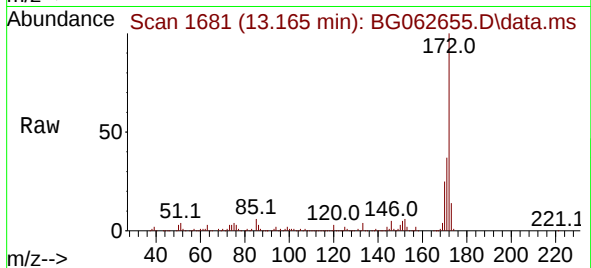
Tgt Ion:172 Resp: 935504

Ion Ratio Lower Upper

172 100

171 36.8 29.7 44.5

170 24.8 20.0 30.0



#51

2,6-Dinitrotoluene

Concen: 9.344 ng

RT: 14.546 min Scan# 1916

Delta R.T. 0.427 min

Lab File: BG062655.D

Acq: 4 Sep 2024 23:45

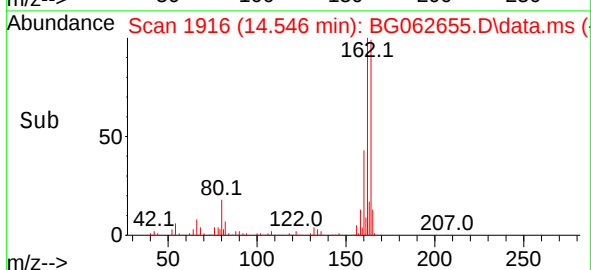
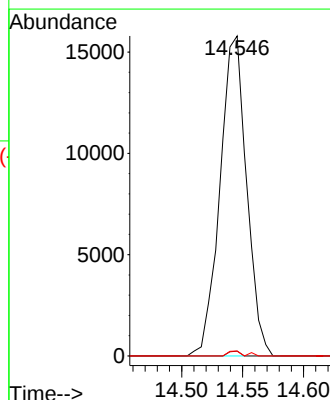
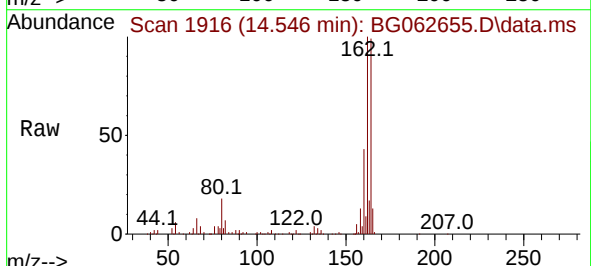
Tgt Ion:165 Resp: 23988

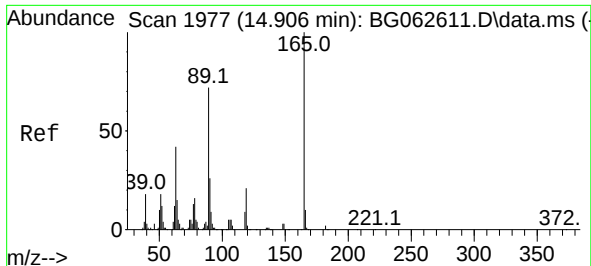
Ion Ratio Lower Upper

165 100

63 1.5 46.6 69.8#

89 1.5 47.2 70.8#





#57

2,4-Dinitrotoluene

Concen: 6.848 ng

RT: 14.546 min Scan# 1977

Delta R.T. -0.361 min

Lab File: BG062655.D

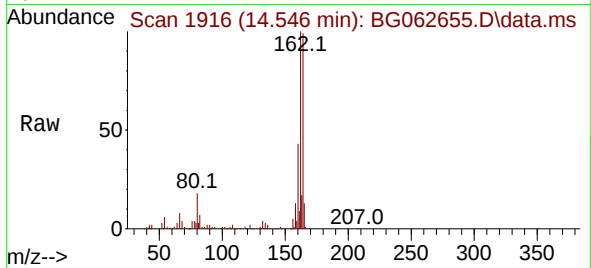
Acq: 4 Sep 2024 23:45

Instrument :

BNA_G

ClientSampleId :

PB163110BL



Tgt Ion:165 Resp: 23988

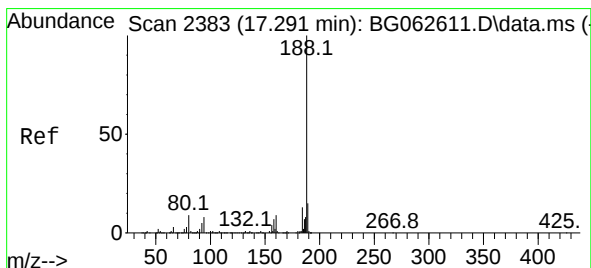
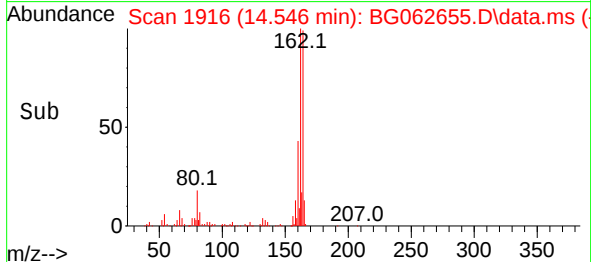
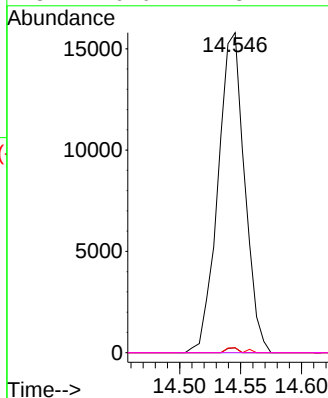
Ion Ratio Lower Upper

165 100

63 1.5 33.8 50.6#

89 1.5 57.9 86.9#

182 0.0 1.8 2.8#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.283 min Scan# 2382

Delta R.T. -0.008 min

Lab File: BG062655.D

Acq: 4 Sep 2024 23:45

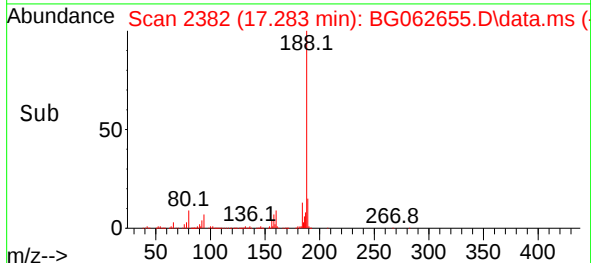
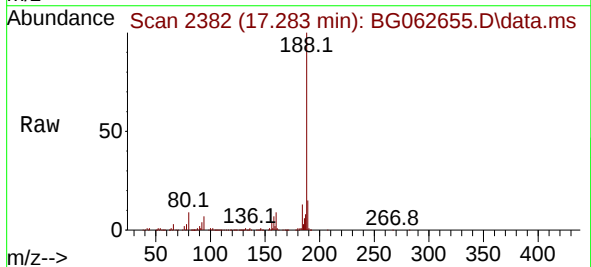
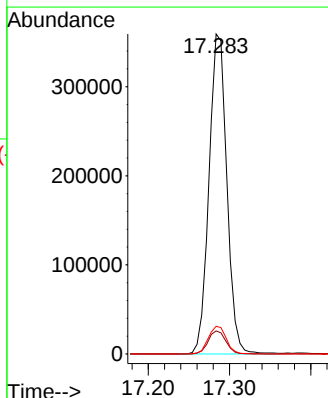
Tgt Ion:188 Resp: 547717

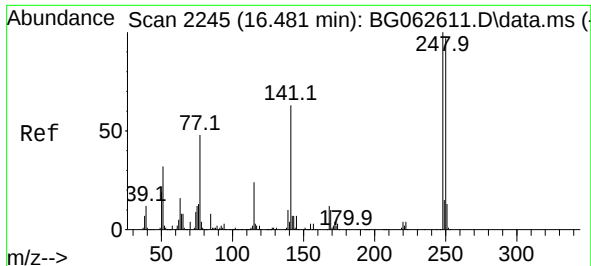
Ion Ratio Lower Upper

188 100

94 7.2 6.3 9.5

80 8.7 7.0 10.4





#67

4-Bromophenyl-phenylether

Concen: 4.079 ng

RT: 16.032 min Scan# 2169

Delta R.T. -0.449 min

Lab File: BG062655.D

Acq: 4 Sep 2024 23:45

Instrument :

BNA_G

ClientSampleId :

PB163110BL

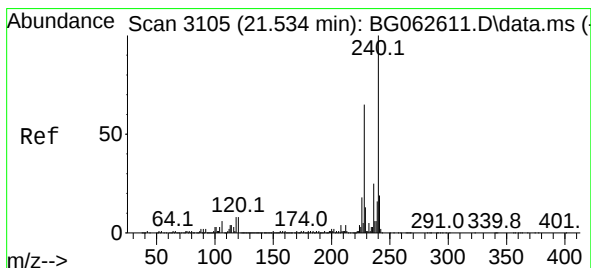
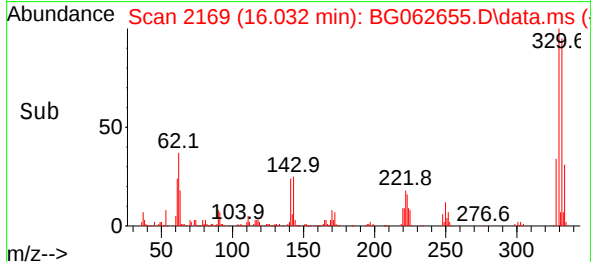
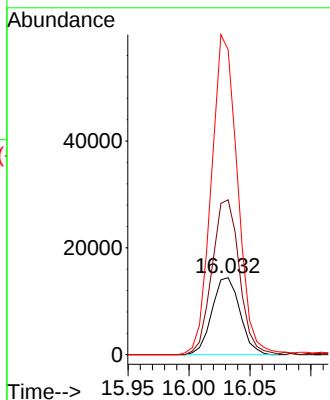
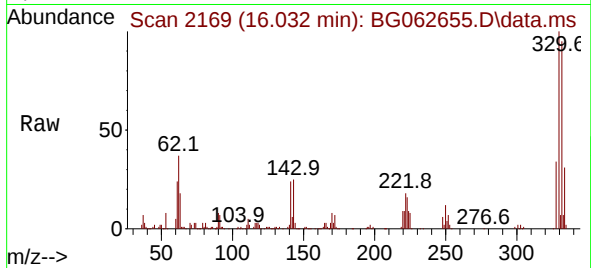
Tgt Ion:248 Resp: 23059

Ion Ratio Lower Upper

248 100

250 201.1 77.9 116.9#

141 396.0 50.2 75.2#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.531 min Scan# 3105

Delta R.T. -0.002 min

Lab File: BG062655.D

Acq: 4 Sep 2024 23:45

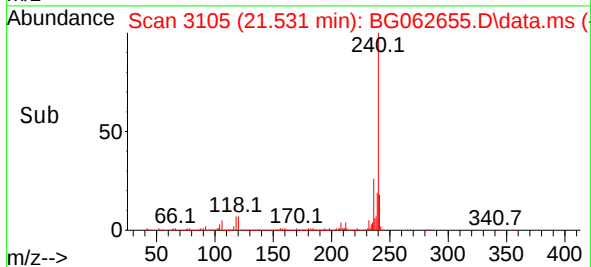
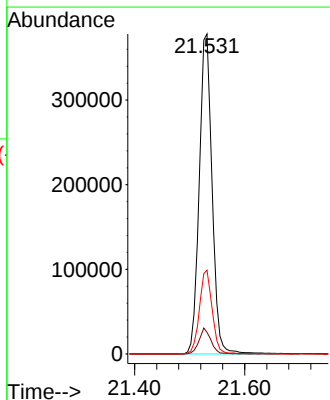
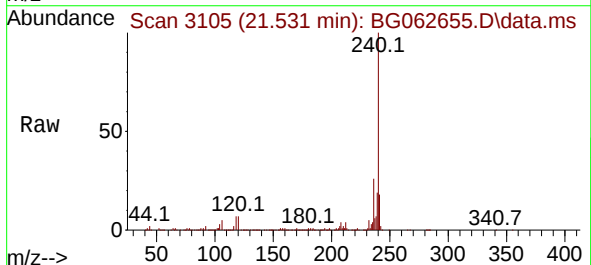
Tgt Ion:240 Resp: 613837

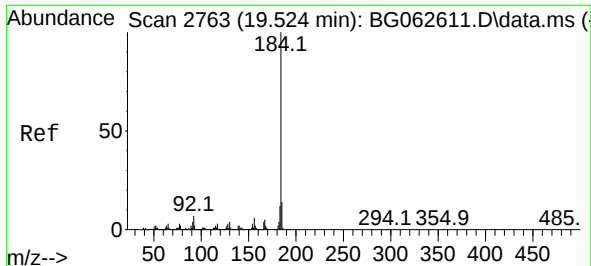
Ion Ratio Lower Upper

240 100

120 6.7 6.6 9.8

236 26.2 20.2 30.4

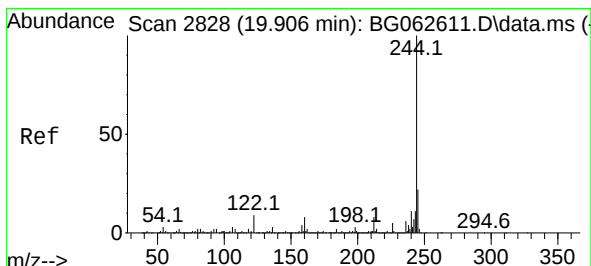
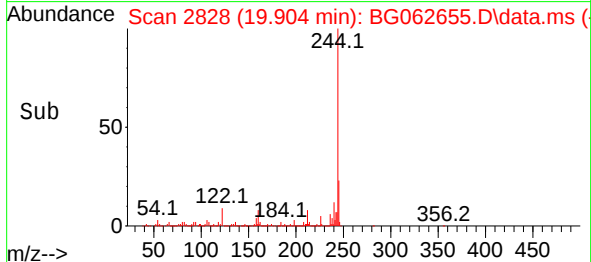
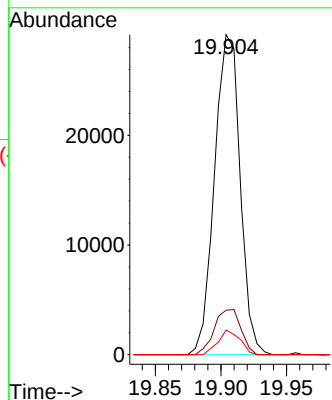
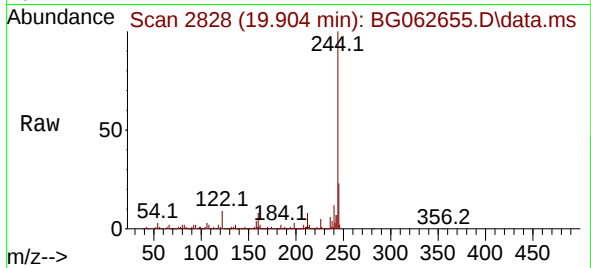




#77
Benzidine
Concen: 3.574 ng
RT: 19.904 min Scan# 21
Delta R.T. 0.380 min
Lab File: BG062655.D
Acq: 4 Sep 2024 23:45

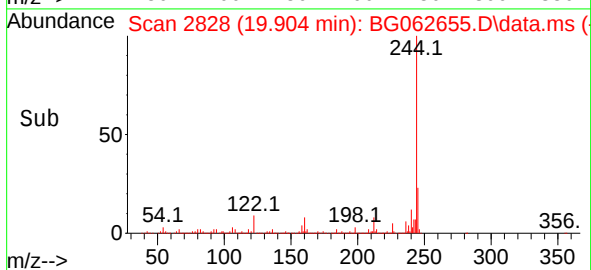
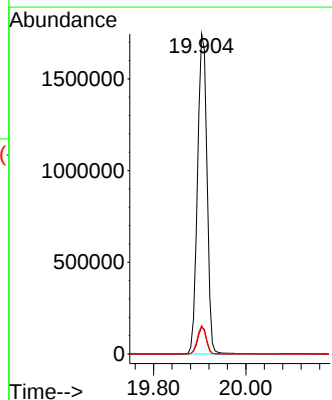
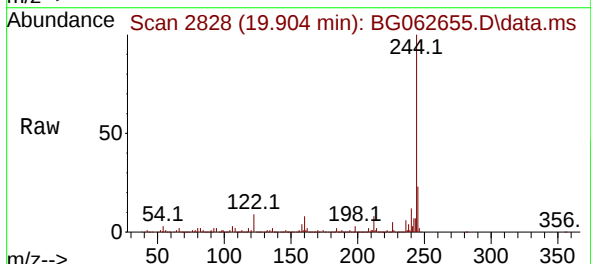
Instrument :
BNA_G
ClientSampleId :
PB163110BL

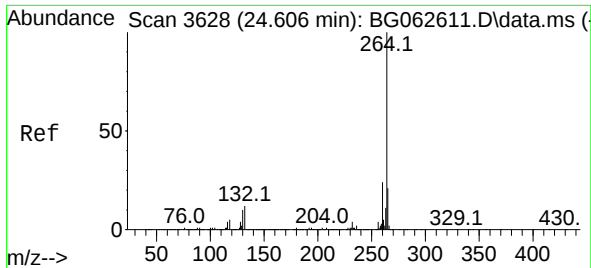
Tgt Ion:184 Resp: 39547
Ion Ratio Lower Upper
184 100
185 13.9 11.0 16.6
183 7.7 9.7 14.5#



#79
Terphenyl-d14
Concen: 80.212 ng
RT: 19.904 min Scan# 2828
Delta R.T. -0.002 min
Lab File: BG062655.D
Acq: 4 Sep 2024 23:45

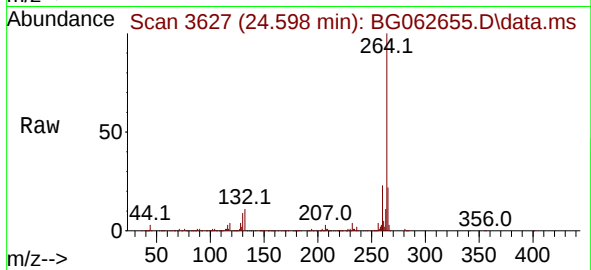
Tgt Ion:244 Resp: 2483163
Ion Ratio Lower Upper
244 100
212 8.4 6.6 10.0
122 8.8 7.2 10.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.598 min Scan# 30
Delta R.T. -0.008 min
Lab File: BG062655.D
Acq: 4 Sep 2024 23:45

Instrument :
BNA_G
ClientSampleId :
PB163110BL



Tgt Ion:264 Resp: 697630
Ion Ratio Lower Upper
264 100
260 23.5 19.0 28.4
265 22.4 17.3 25.9

