

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090524\
 Data File : BG062660.D
 Acq On : 5 Sep 2024 10:30
 Operator : MA/JU
 Sample : PB162553BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB162553BL

Quant Time: Sep 05 11:10:53 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)

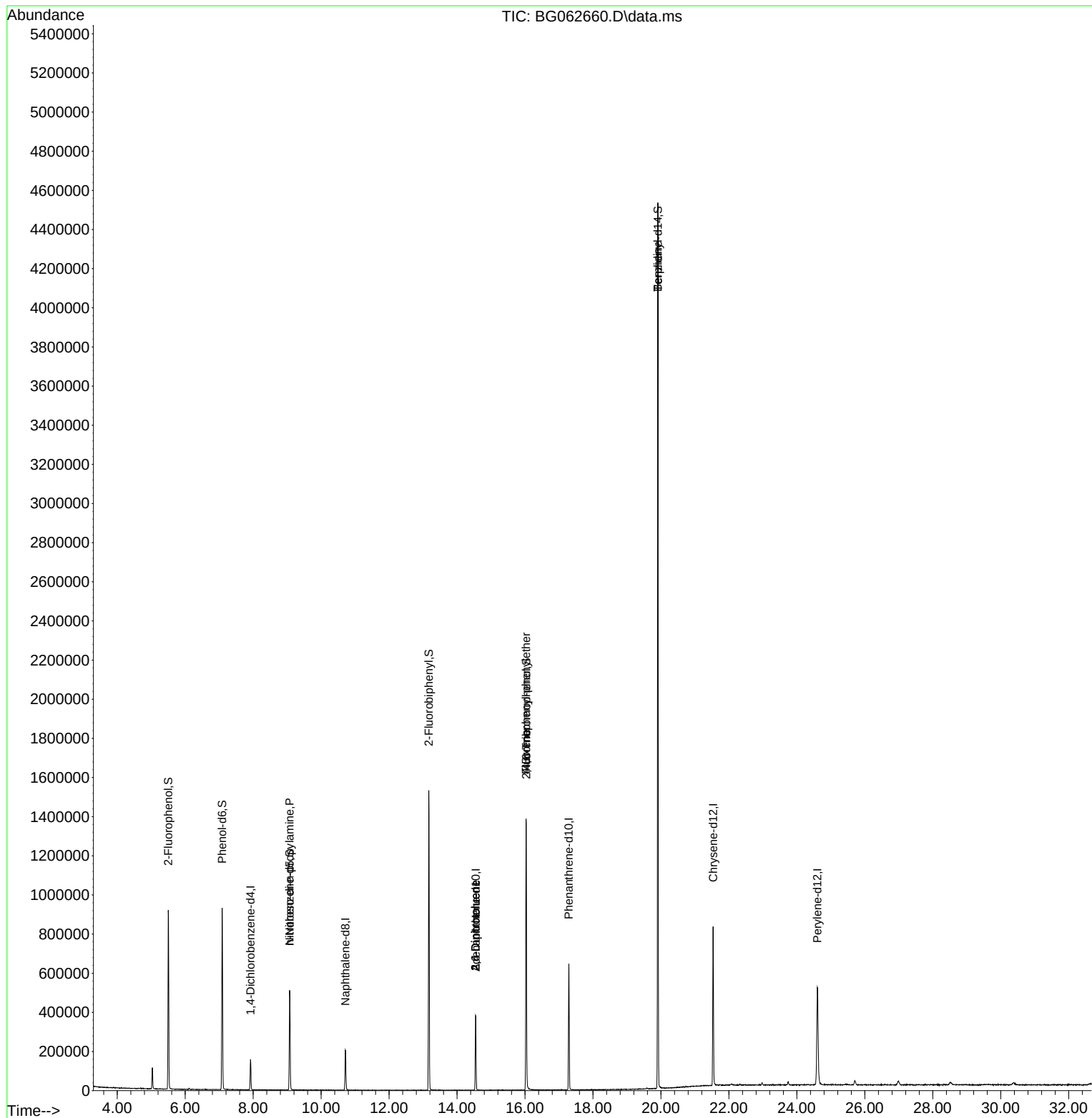
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.921	152	45941	20.000	ng	0.00
21) Naphthalene-d8	10.712	136	183102	20.000	ng	0.00
39) Acenaphthene-d10	14.549	164	144385	20.000	ng	0.00
64) Phenanthrene-d10	17.287	188	433148	20.000	ng	0.00
76) Chrysene-d12	21.535	240	492526	20.000	ng	0.00
86) Perylene-d12	24.602	264	557172	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.501	112	390830	147.050	ng	0.00
7) Phenol-d6	7.087	99	518125	134.944	ng	0.00
23) Nitrobenzene-d5	9.073	82	304034	89.426	ng	0.00
42) 2,4,6-Tribromophenol	16.035	330	310209	152.666	ng	0.00
45) 2-Fluorobiphenyl	13.168	172	818783	91.855	ng	0.00
79) Terphenyl-d14	19.907	244	2285876	92.026	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.073	70	40199	13.287	ng	# 75
51) 2,6-Dinitrotoluene	14.543	165	17755	8.891	ng	# 22
57) 2,4-Dinitrotoluene	14.543	165	17755	6.516	ng	# 22
58) Fluorene	16.029	166	10130	1.041	ng	# 95
67) 4-Bromophenyl-phenylether	16.029	248	19746	4.417	ng	# 1
77) Benzydine	19.907	184	34460	3.882	ng	# 91

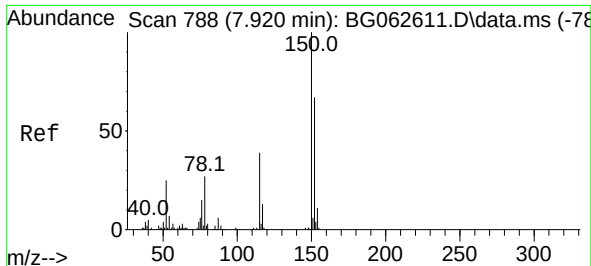
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090524\
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB162553BL

Quant Time: Sep 05 11:10:53 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

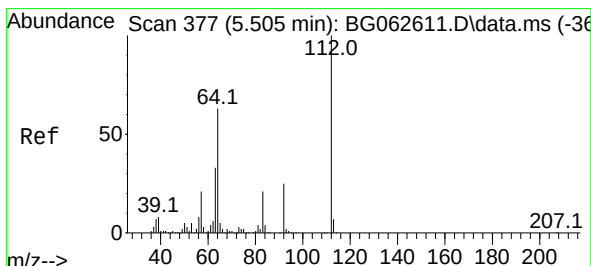
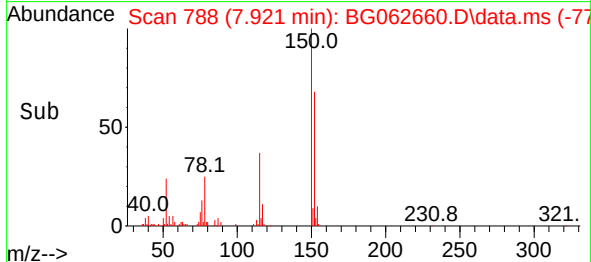
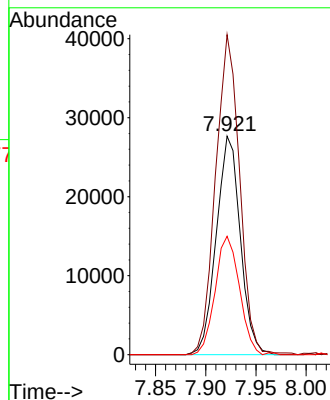
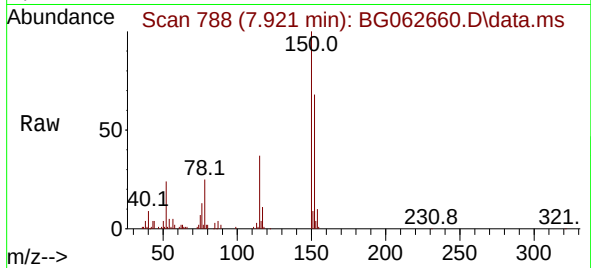




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.921 min Scan# 71
Delta R.T. 0.001 min
Lab File: BG062660.D
Acq: 5 Sep 2024 10:30

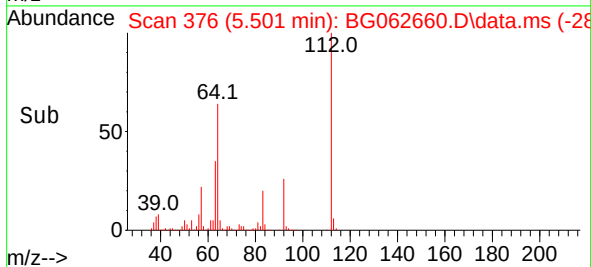
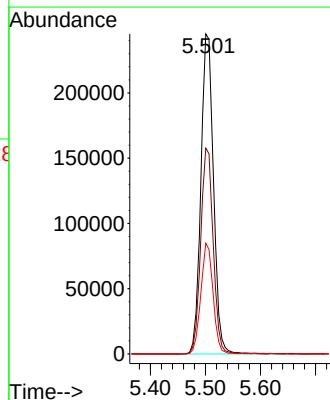
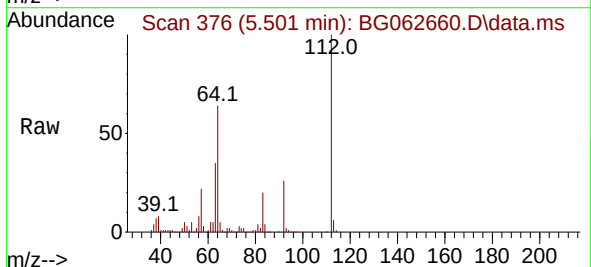
Instrument :
BNA_G
ClientSampleId :
PB162553BL

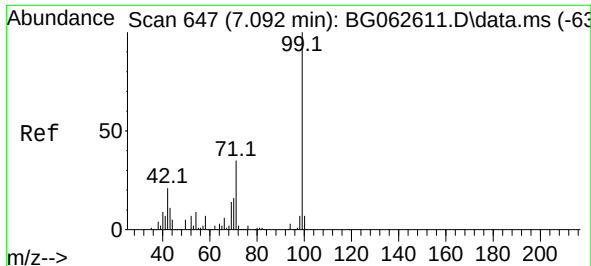
Tgt Ion:152 Resp: 45941
Ion Ratio Lower Upper
152 100
150 146.4 119.9 179.9
115 54.2 46.6 69.8



#5
2-Fluorophenol
Concen: 147.050 ng
RT: 5.501 min Scan# 376
Delta R.T. -0.005 min
Lab File: BG062660.D
Acq: 5 Sep 2024 10:30

Tgt Ion:112 Resp: 390830
Ion Ratio Lower Upper
112 100
64 64.3 50.2 75.2
63 34.6 26.6 39.8

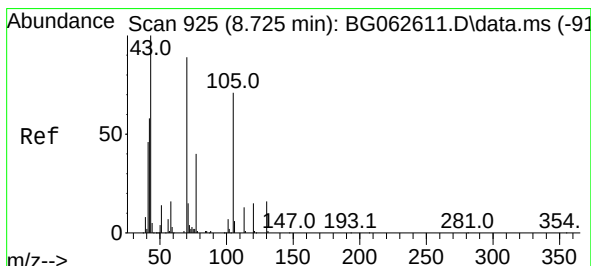
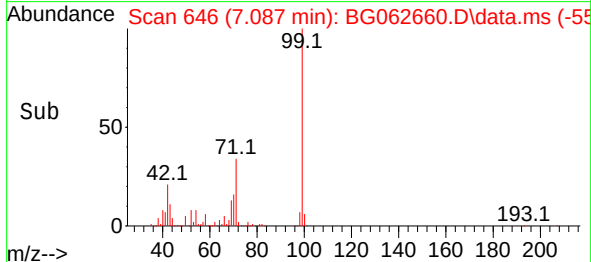
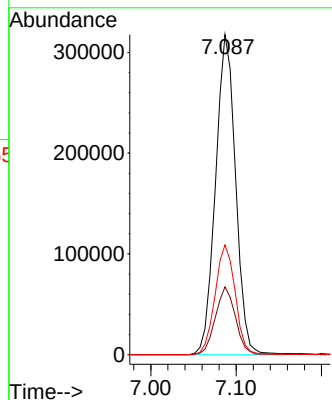
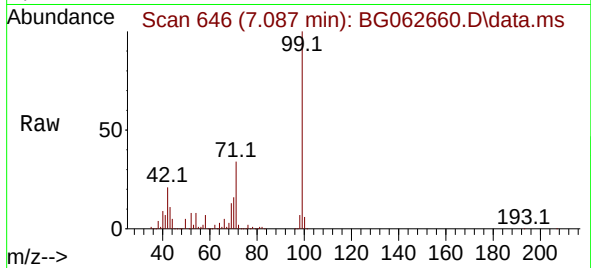




#7
Phenol-d6
Concen: 134.944 ng
RT: 7.087 min Scan# 64
Delta R.T. -0.005 min
Lab File: BG062660.D
Acq: 5 Sep 2024 10:30

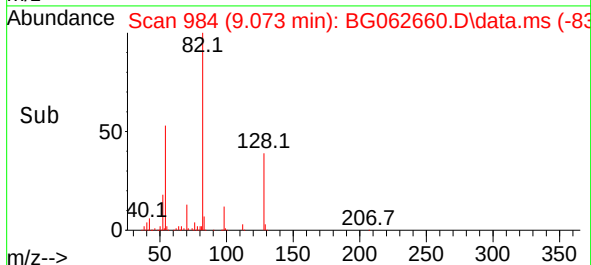
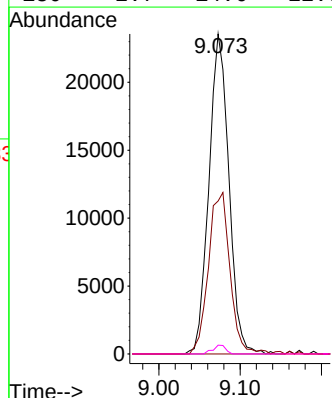
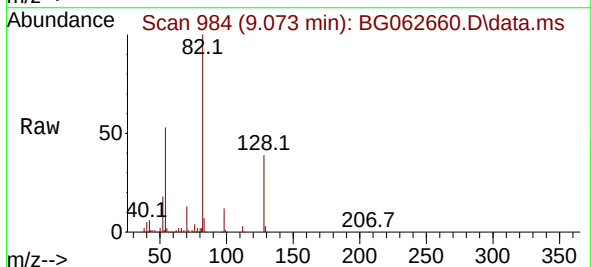
Instrument :
BNA_G
ClientSampleId :
PB162553BL

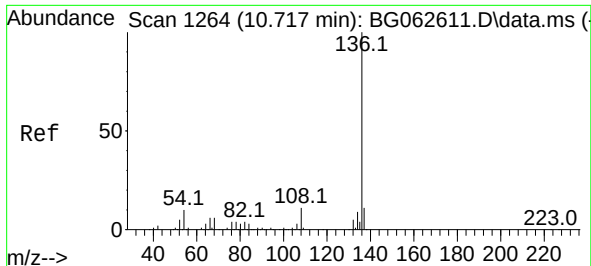
Tgt Ion: 99 Resp: 518125
Ion Ratio Lower Upper
99 100
42 21.2 16.9 25.3
71 34.3 27.9 41.9



#19
n-Nitroso-di-n-propylamine
Concen: 13.287 ng
RT: 9.073 min Scan# 984
Delta R.T. 0.348 min
Lab File: BG062660.D
Acq: 5 Sep 2024 10:30

Tgt Ion: 70 Resp: 40199
Ion Ratio Lower Upper
70 100
42 47.8 52.3 78.5#
101 0.0 6.6 9.8#
130 2.7 14.6 22.0#

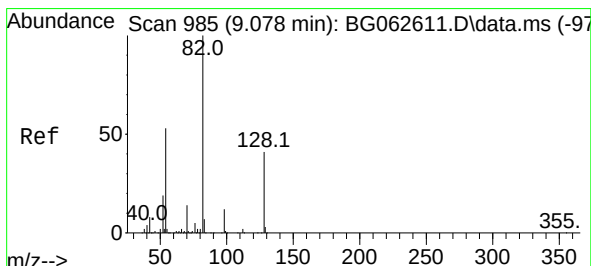
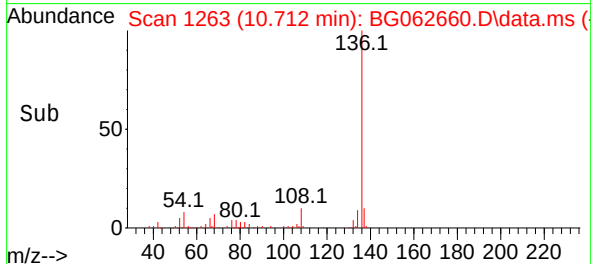
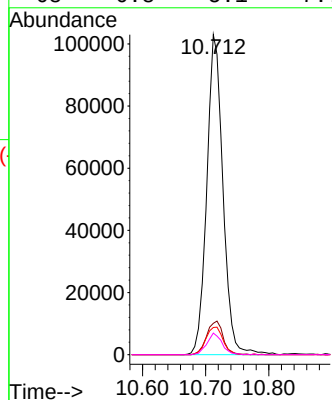
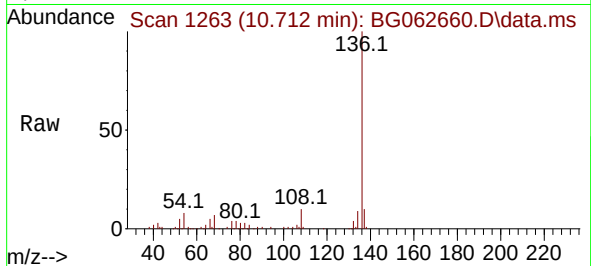




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.712 min Scan# 1263
Delta R.T. -0.005 min
Lab File: BG062660.D
Acq: 5 Sep 2024 10:30

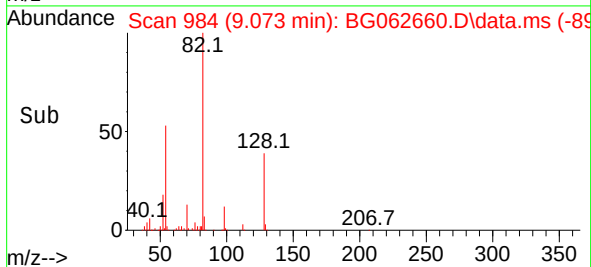
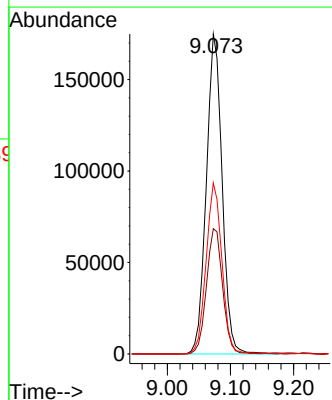
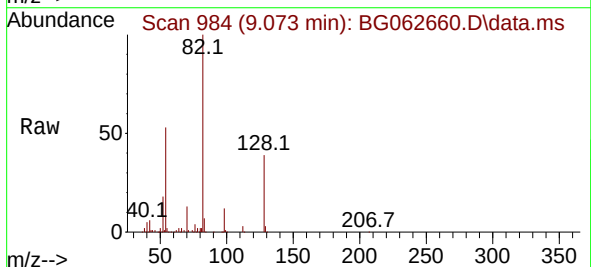
Instrument :
BNA_G
ClientSampleId :
PB162553BL

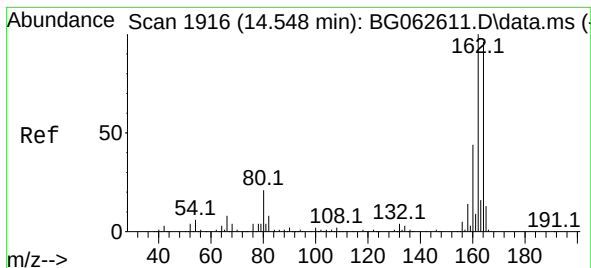
Tgt Ion:	136	Resp:	183102
Ion Ratio	Lower	Upper	
136	100		
137	9.8	9.0	13.4
54	8.5	7.8	11.6
68	6.8	5.1	7.7



#23
Nitrobenzene-d5
Concen: 89.426 ng
RT: 9.073 min Scan# 984
Delta R.T. -0.005 min
Lab File: BG062660.D
Acq: 5 Sep 2024 10:30

Tgt Ion:	82	Resp:	304034
Ion Ratio	Lower	Upper	
82	100		
128	39.2	32.5	48.7
54	53.4	42.5	63.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.549 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG062660.D

Acq: 5 Sep 2024 10:30

Instrument :

BNA_G

ClientSampleId :

PB162553BL

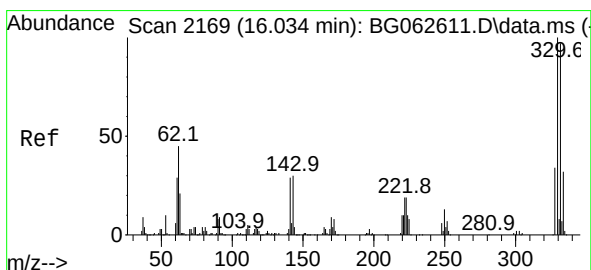
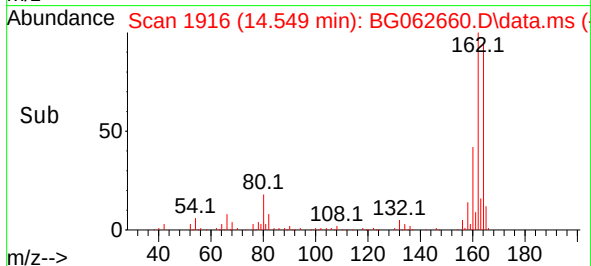
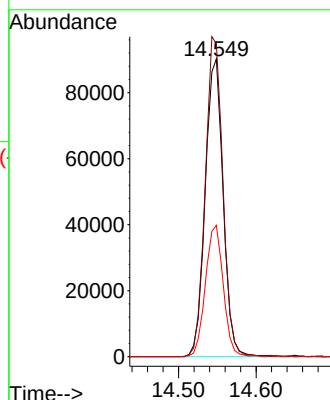
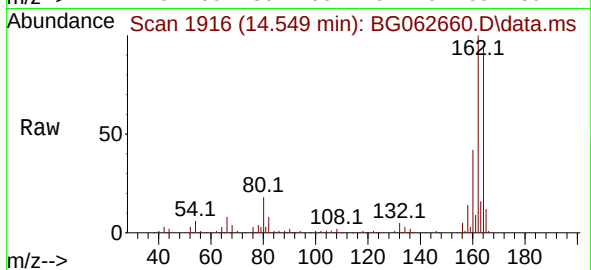
Tgt Ion:164 Resp: 144385

Ion Ratio Lower Upper

164 100

162 105.1 83.1 124.7

160 44.1 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 152.666 ng

RT: 16.035 min Scan# 2169

Delta R.T. 0.001 min

Lab File: BG062660.D

Acq: 5 Sep 2024 10:30

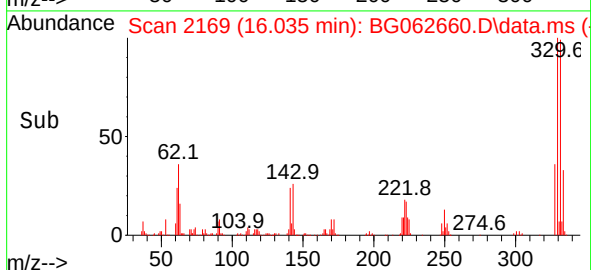
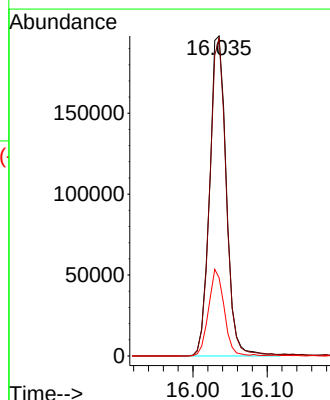
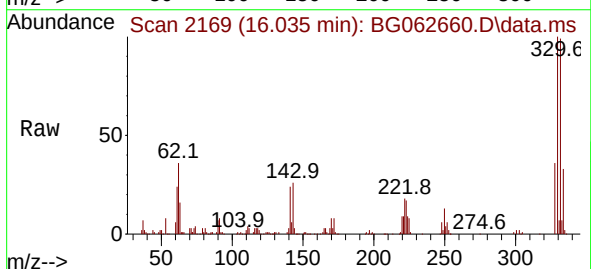
Tgt Ion:330 Resp: 310209

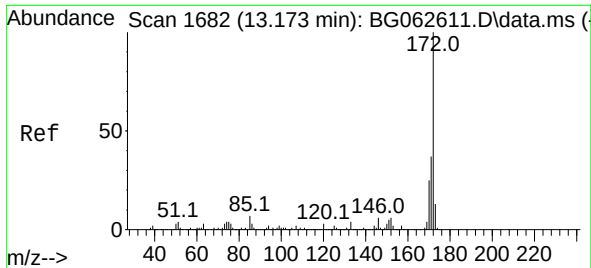
Ion Ratio Lower Upper

330 100

332 97.6 77.2 115.8

141 25.4 22.2 33.4

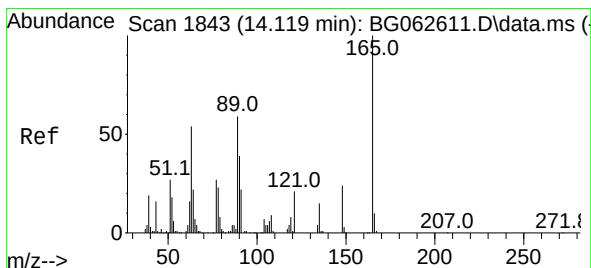
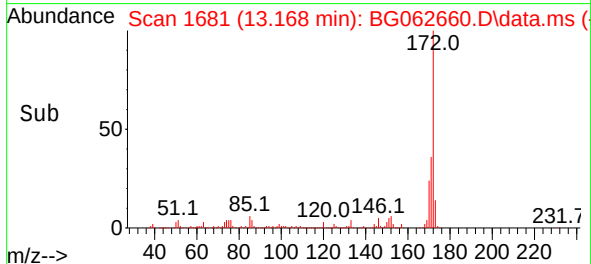
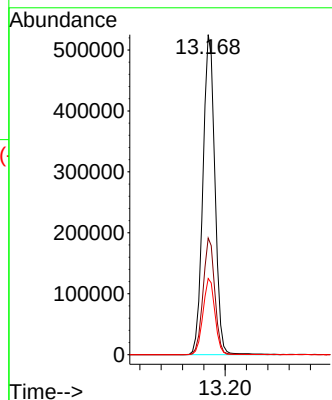
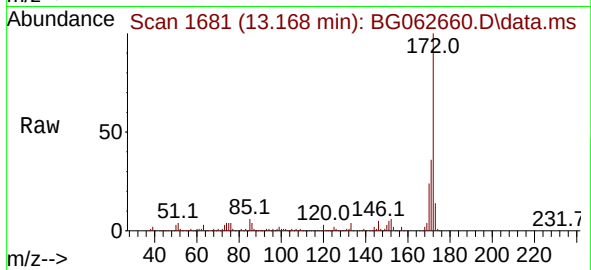




#45
2-Fluorobiphenyl
Concen: 91.855 ng
RT: 13.168 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG062660.D
Acq: 5 Sep 2024 10:30

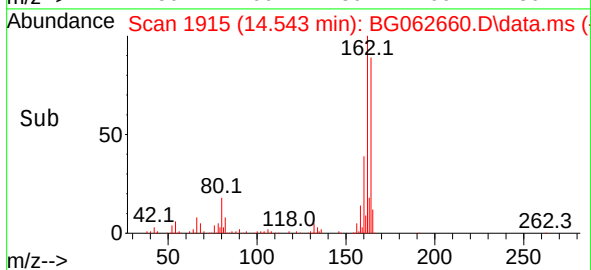
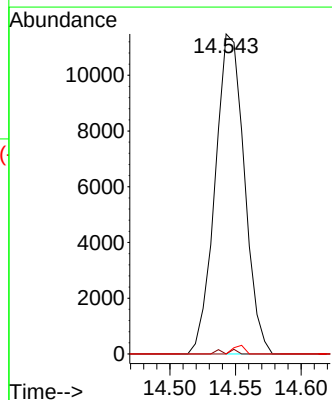
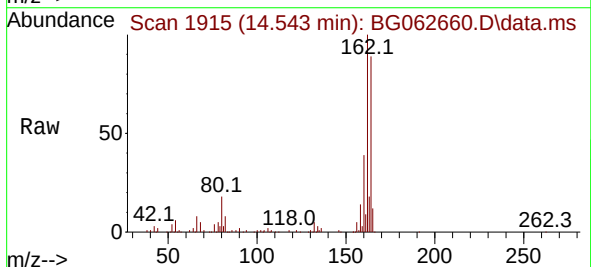
Instrument :
BNA_G
ClientSampleId :
PB162553BL

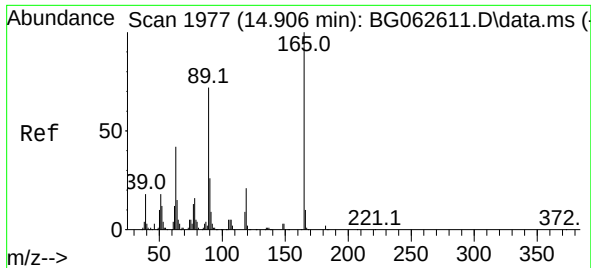
Tgt Ion:172 Resp: 818783
Ion Ratio Lower Upper
172 100
171 36.5 29.7 44.5
170 23.8 20.0 30.0



#51
2,6-Dinitrotoluene
Concen: 8.891 ng
RT: 14.543 min Scan# 1915
Delta R.T. 0.424 min
Lab File: BG062660.D
Acq: 5 Sep 2024 10:30

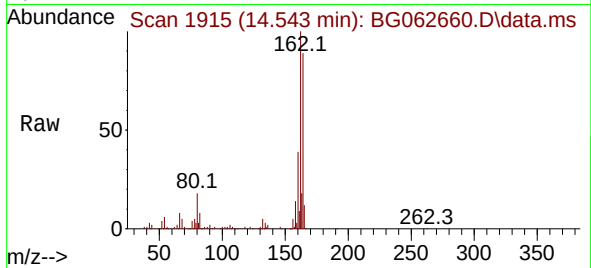
Tgt Ion:165 Resp: 17755
Ion Ratio Lower Upper
165 100
63 0.0 46.6 69.8#
89 0.0 47.2 70.8#



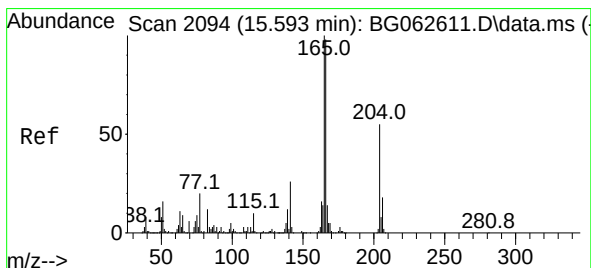
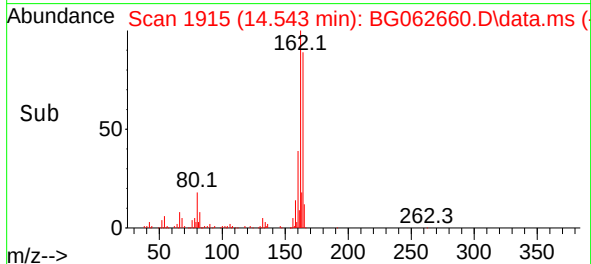
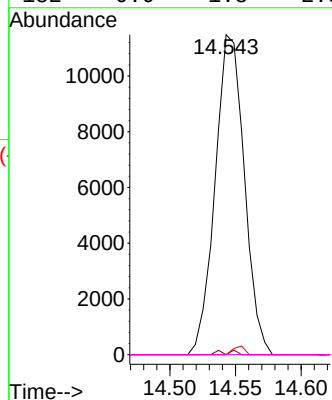


#57
2,4-Dinitrotoluene
Concen: 6.516 ng
RT: 14.543 min Scan# 1915
Delta R.T. -0.363 min
Lab File: BG062660.D
Acq: 5 Sep 2024 10:30

Instrument :
BNA_G
ClientSampleId :
PB162553BL

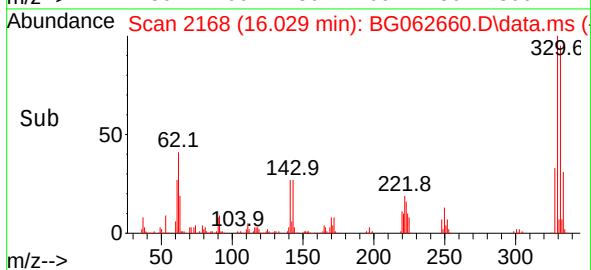
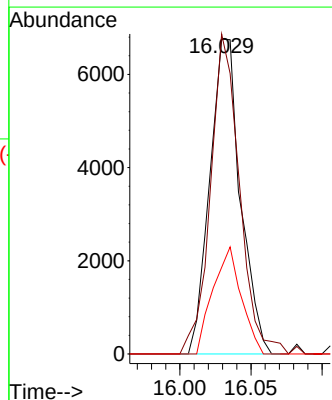
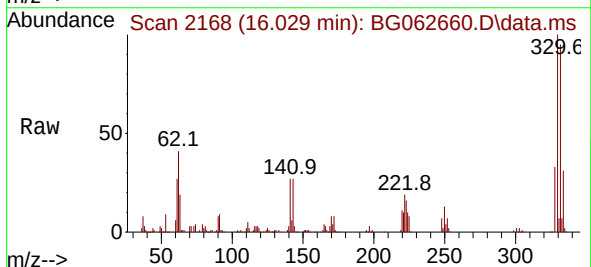


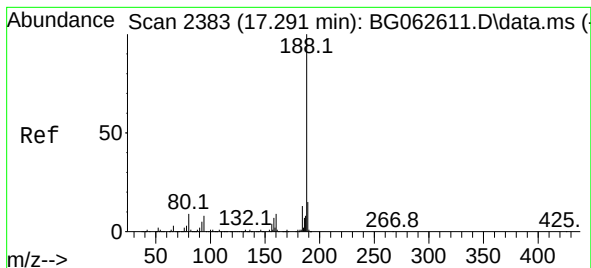
Tgt Ion:165 Resp: 17755
Ion Ratio Lower Upper
165 100
63 0.0 33.8 50.6#
89 0.0 57.9 86.9#
182 0.0 1.8 2.8#



#58
Fluorene
Concen: 1.041 ng
RT: 16.029 min Scan# 2168
Delta R.T. 0.436 min
Lab File: BG062660.D
Acq: 5 Sep 2024 10:30

Tgt Ion:166 Resp: 10130
Ion Ratio Lower Upper
166 100
165 101.6 82.0 123.0
167 27.5 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: BG062660.D

Acq: 5 Sep 2024 10:30

Instrument :

BNA_G

ClientSampleId :

PB162553BL

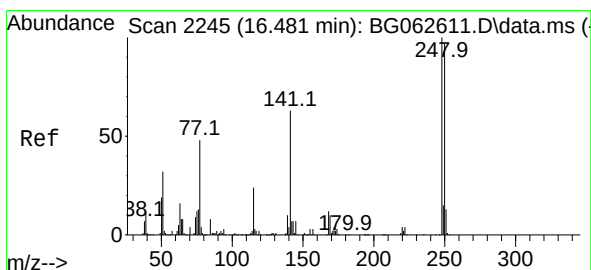
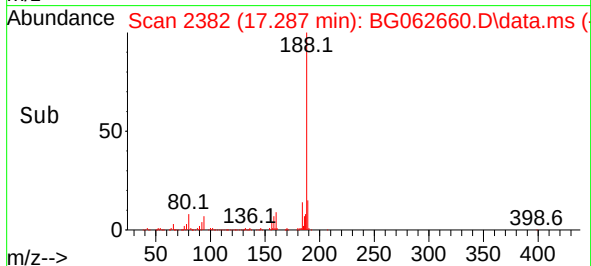
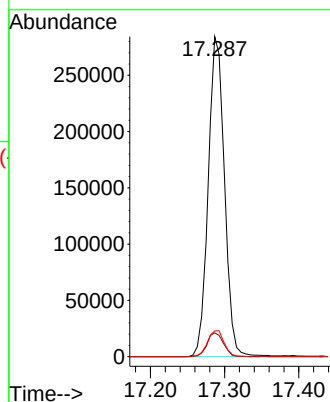
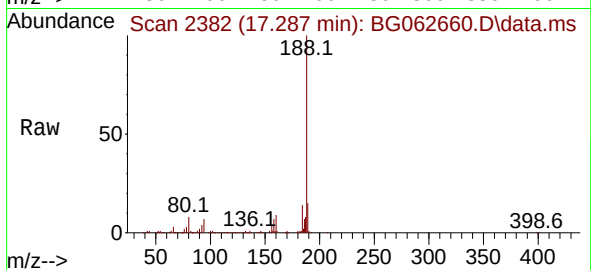
Tgt Ion:188 Resp: 433148

Ion Ratio Lower Upper

188 100

94 7.5 6.3 9.5

80 8.0 7.0 10.4



#67

4-Bromophenyl-phenylether

Concen: 4.417 ng

RT: 16.029 min Scan# 2168

Delta R.T. -0.451 min

Lab File: BG062660.D

Acq: 5 Sep 2024 10:30

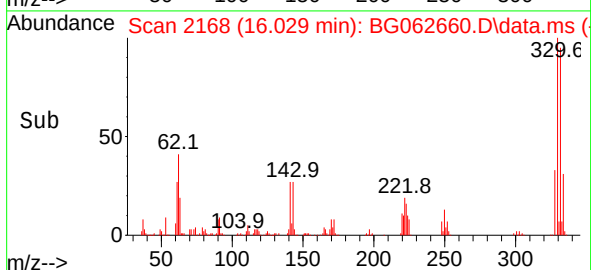
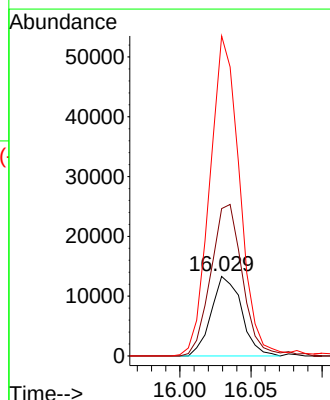
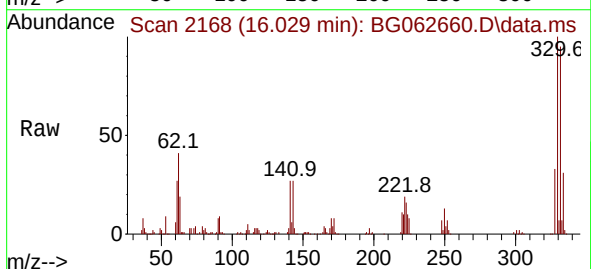
Tgt Ion:248 Resp: 19746

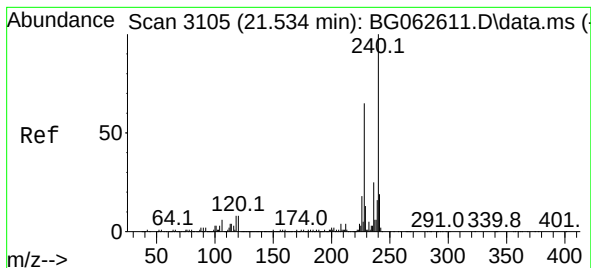
Ion Ratio Lower Upper

248 100

250 141.1 77.9 116.9#

141 306.5 50.2 75.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.535 min Scan# 3105

Delta R.T. 0.001 min

Lab File: BG062660.D

Acq: 5 Sep 2024 10:30

Instrument :

BNA_G

ClientSampleId :

PB162553BL

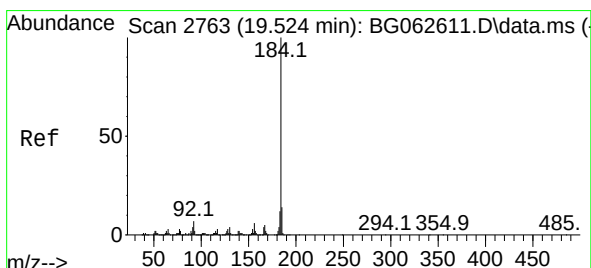
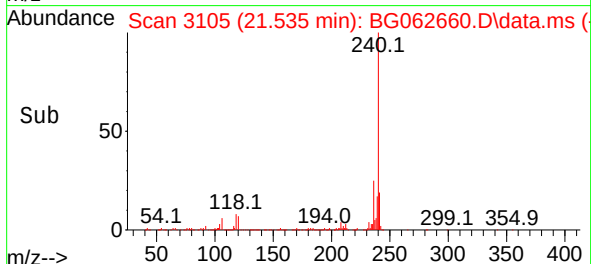
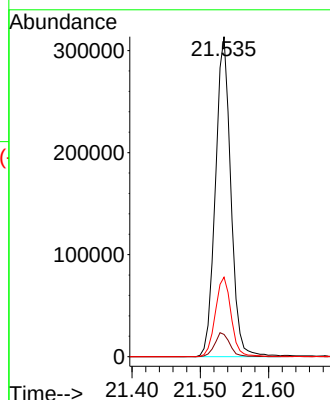
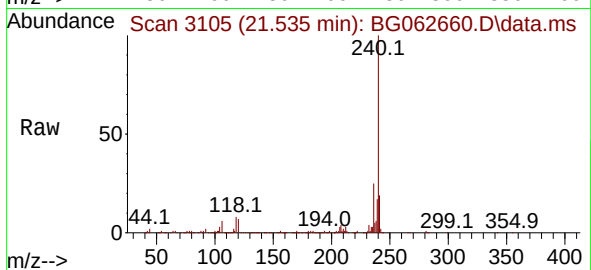
Tgt Ion:240 Resp: 492526

Ion Ratio Lower Upper

240 100

120 6.9 6.6 9.8

236 24.9 20.2 30.4



#77

Benzidine

Concen: 3.882 ng

RT: 19.907 min Scan# 2828

Delta R.T. 0.383 min

Lab File: BG062660.D

Acq: 5 Sep 2024 10:30

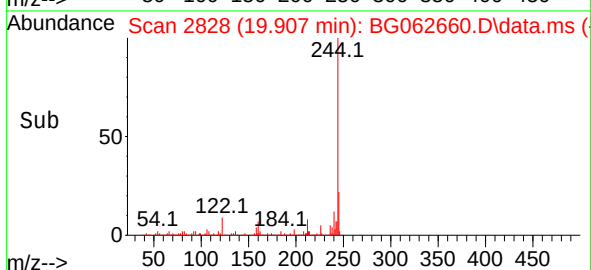
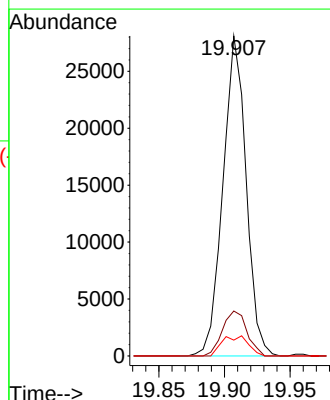
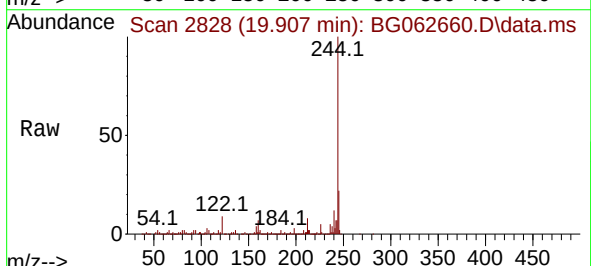
Tgt Ion:184 Resp: 34460

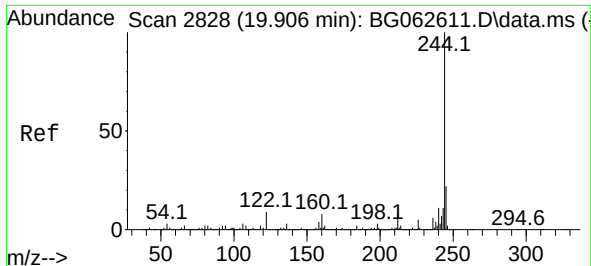
Ion Ratio Lower Upper

184 100

185 14.1 11.0 16.6

183 4.9 9.7 14.5#

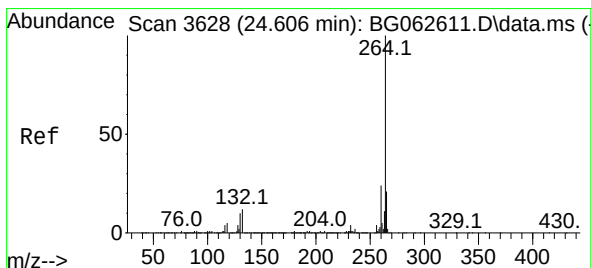
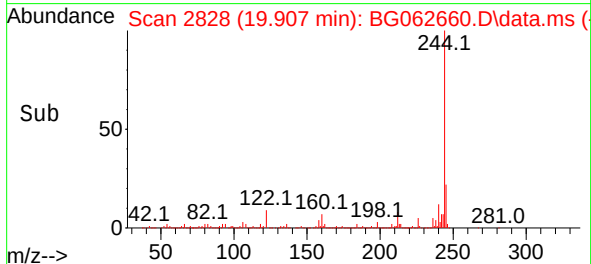
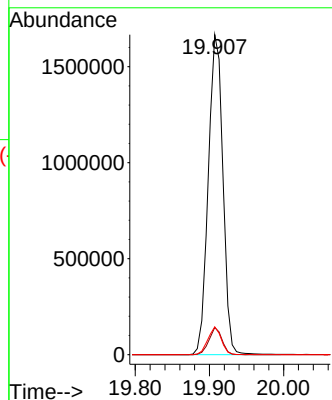
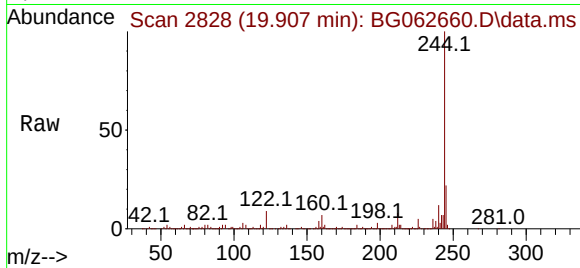




#79
 Terphenyl-d14
 Concen: 92.026 ng
 RT: 19.907 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG062660.D
 Acq: 5 Sep 2024 10:30

Instrument :
 BNA_G
 ClientSampleId :
 PB162553BL

Tgt Ion:244 Resp: 2285876
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.6 10.0
 122 8.7 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: BG062660.D
 Acq: 5 Sep 2024 10:30

Tgt Ion:264 Resp: 557172
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.0 28.4
 265 21.9 17.3 25.9

