

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090524\
 Data File : BG062669.D
 Acq On : 5 Sep 2024 16:31
 Operator : MA/JU
 Sample : PB163138BL
 Misc : MDL-WATER-8 ng
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

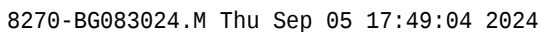
Quant Time: Sep 05 17:48:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG083024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 31 02:36:01 2024
 Response via : Initial Calibration

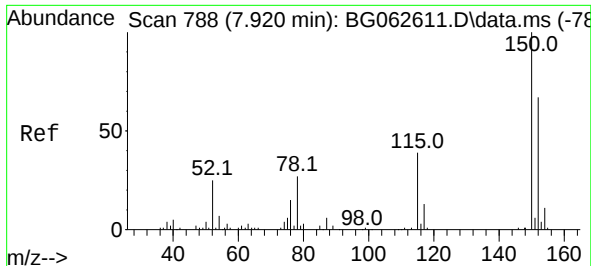
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	45157	20.000	ng	0.00
21) Naphthalene-d8	10.714	136	170932	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	134891	20.000	ng	0.00
64) Phenanthrene-d10	17.288	188	399629	20.000	ng	0.00
76) Chrysene-d12	21.530	240	482411	20.000	ng	0.00
86) Perylene-d12	24.597	264	550716	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.502	112	360806	138.111	ng	0.00
7) Phenol-d6	7.083	99	466162	123.518	ng	0.00
23) Nitrobenzene-d5	9.074	82	284428	89.616	ng	0.00
42) 2,4,6-Tribromophenol	16.031	330	269933	142.194	ng	0.00
45) 2-Fluorobiphenyl	13.164	172	726325	87.218	ng	0.00
79) Terphenyl-d14	19.909	244	2085294	85.711	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.074	70	36056	12.124	ng	# 78
51) 2,6-Dinitrotoluene	14.545	165	17800	9.541	ng	# 24
57) 2,4-Dinitrotoluene	14.545	165	17800	6.993	ng	# 24
67) 4-Bromophenyl-phenylether	16.031	248	16270	3.945	ng	# 1
77) Benzydine	19.909	184	31305	3.600	ng	# 94

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

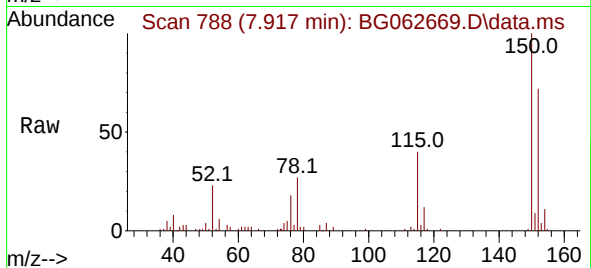
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 31 02:36:01 2024
Response via : Initial Calibration



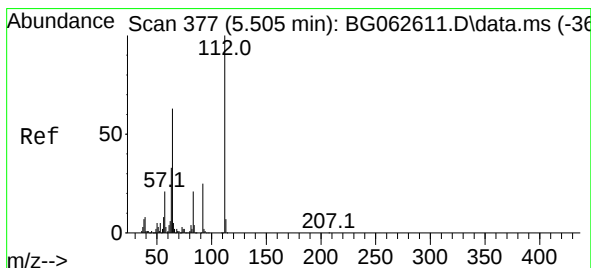
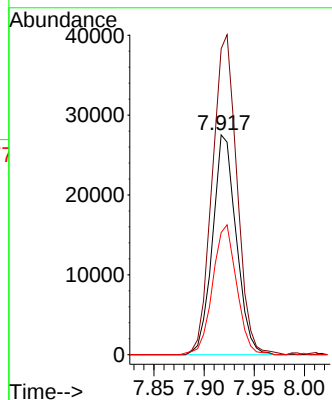
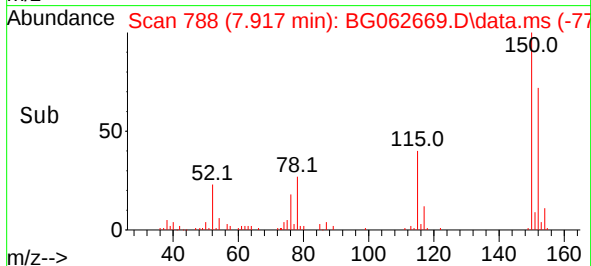


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.917 min Scan# 71
Delta R.T. -0.003 min
Lab File: BG062669.D
Acq: 5 Sep 2024 16:31

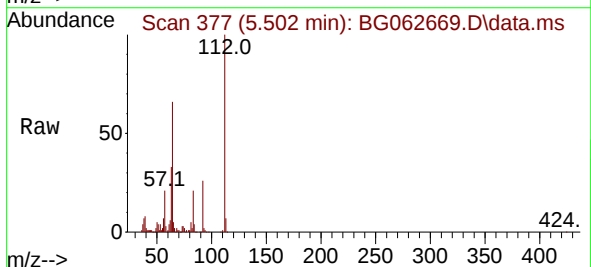
Instrument :
BNA_G
ClientSampleId :



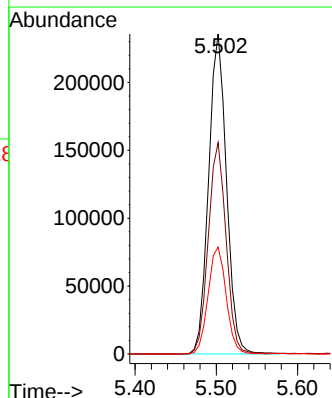
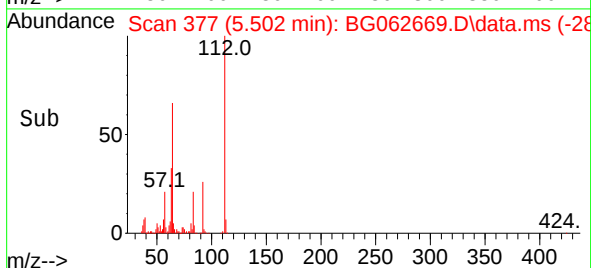
Tgt Ion:152 Resp: 45157
Ion Ratio Lower Upper
152 100
150 139.1 119.9 179.9
115 55.5 46.6 69.8

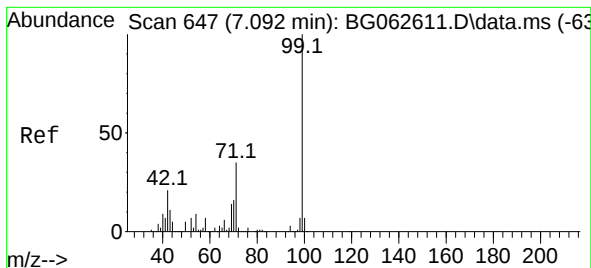


#5
2-Fluorophenol
Concen: 138.111 ng
RT: 5.502 min Scan# 377
Delta R.T. -0.003 min
Lab File: BG062669.D
Acq: 5 Sep 2024 16:31



Tgt Ion:112 Resp: 360806
Ion Ratio Lower Upper
112 100
64 66.0 50.2 75.2
63 33.4 26.6 39.8





#7

Phenol-d6

Concen: 123.518 ng

RT: 7.083 min Scan# 64

Delta R.T. -0.009 min

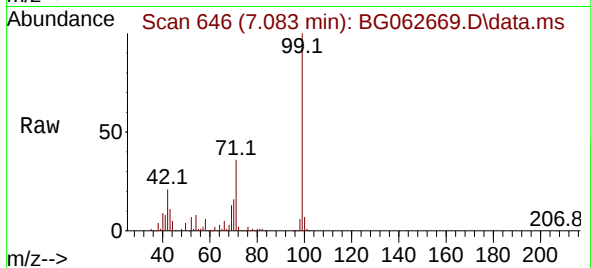
Lab File: BG062669.D

Acq: 5 Sep 2024 16:31

Instrument :

BNA_G

ClientSampleId :



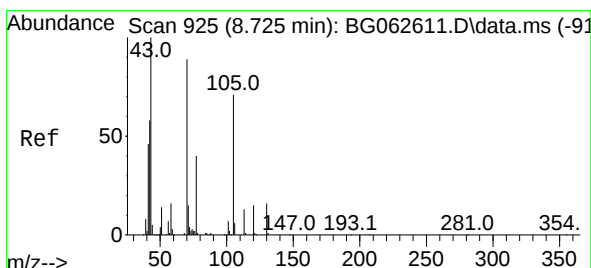
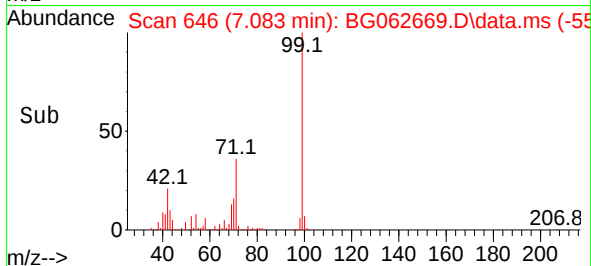
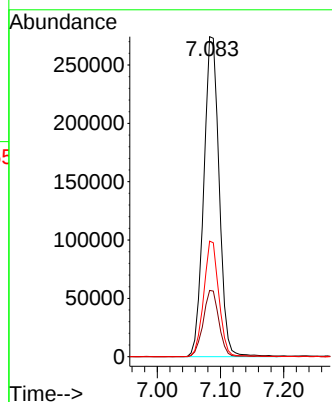
Tgt Ion: 99 Resp: 466162

Ion Ratio Lower Upper

99 100

42 20.7 16.9 25.3

71 36.1 27.9 41.9



#19

n-Nitroso-di-n-propylamine

Concen: 12.124 ng

RT: 9.074 min Scan# 985

Delta R.T. 0.349 min

Lab File: BG062669.D

Acq: 5 Sep 2024 16:31

Tgt Ion: 70 Resp: 36056

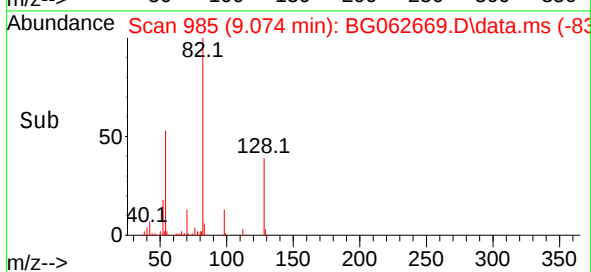
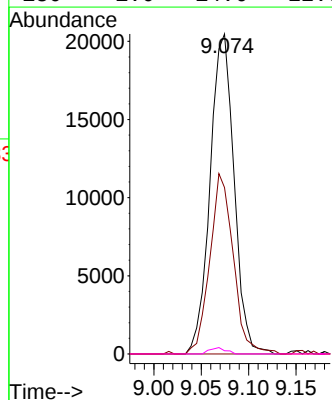
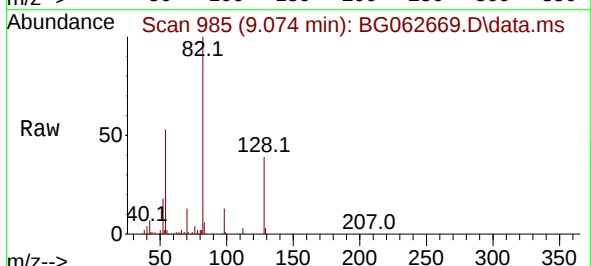
Ion Ratio Lower Upper

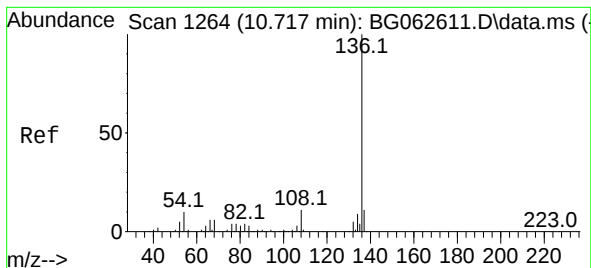
70 100

42 52.0 52.3 78.5#

101 0.0 6.6 9.8#

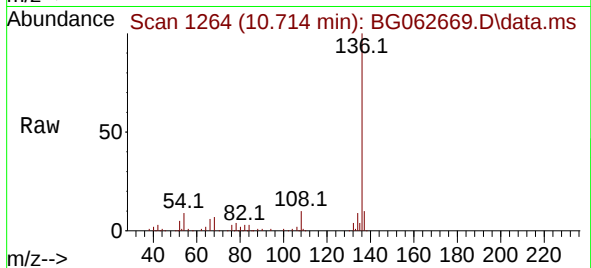
130 1.0 14.6 22.0#



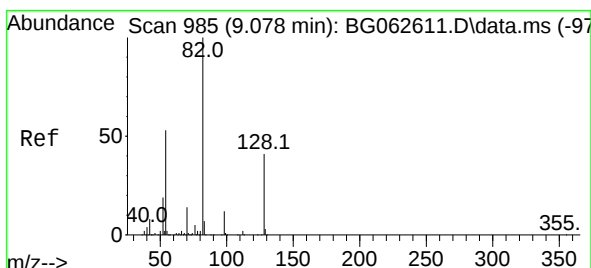
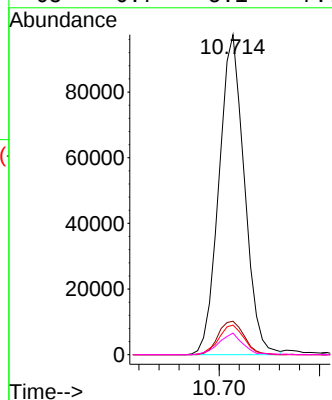
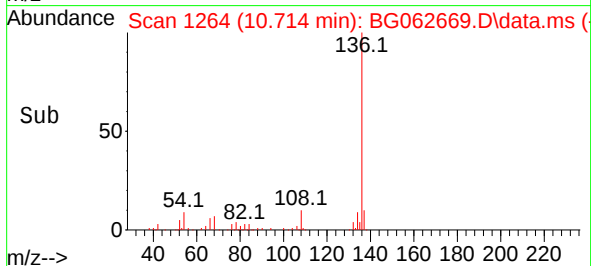


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.714 min Scan# 1264
Delta R.T. -0.003 min
Lab File: BG062669.D
Acq: 5 Sep 2024 16:31

Instrument : BNA_G
ClientSampleId :

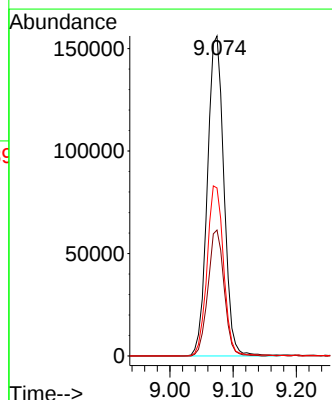
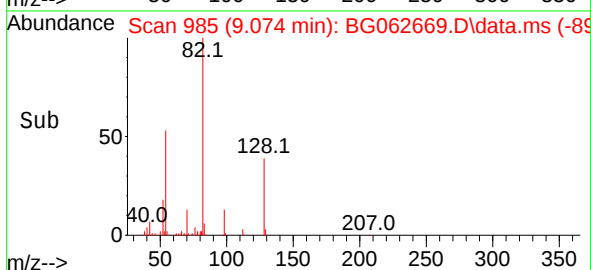
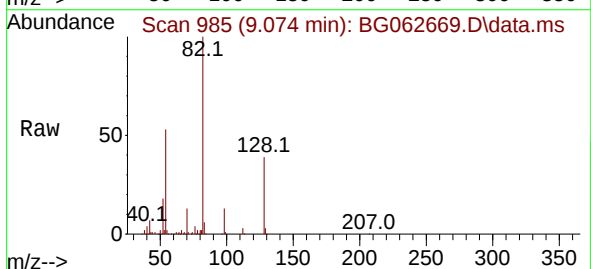


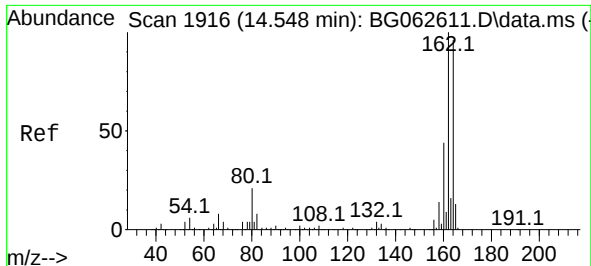
Tgt Ion:136 Resp: 170932
Ion Ratio Lower Upper
136 100
137 10.4 9.0 13.4
54 9.3 7.8 11.6
68 6.7 5.1 7.7



#23
Nitrobenzene-d5
Concen: 89.616 ng
RT: 9.074 min Scan# 985
Delta R.T. -0.003 min
Lab File: BG062669.D
Acq: 5 Sep 2024 16:31

Tgt Ion: 82 Resp: 284428
Ion Ratio Lower Upper
82 100
128 39.3 32.5 48.7
54 52.5 42.5 63.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.545 min Scan# 1916

Delta R.T. -0.003 min

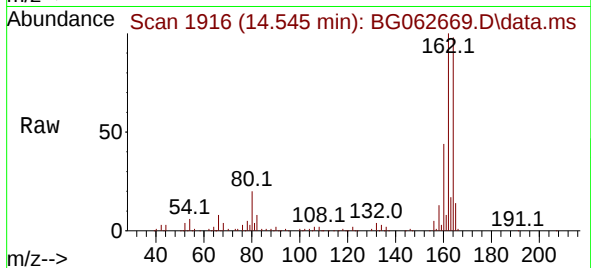
Lab File: BG062669.D

Acq: 5 Sep 2024 16:31

Instrument :

BNA_G

ClientSampleId :



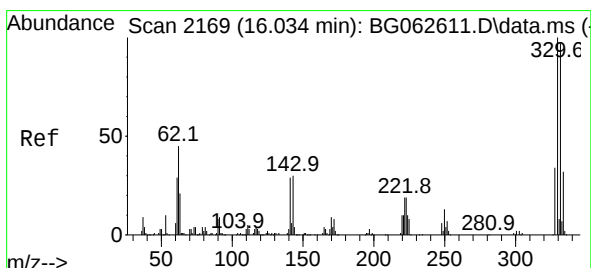
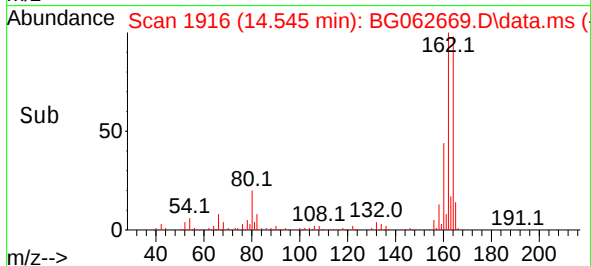
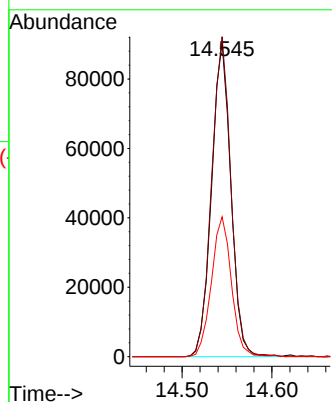
Tgt Ion:164 Resp: 134891

Ion Ratio Lower Upper

164 100

162 102.1 83.1 124.7

160 44.6 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 142.194 ng

RT: 16.031 min Scan# 2169

Delta R.T. -0.003 min

Lab File: BG062669.D

Acq: 5 Sep 2024 16:31

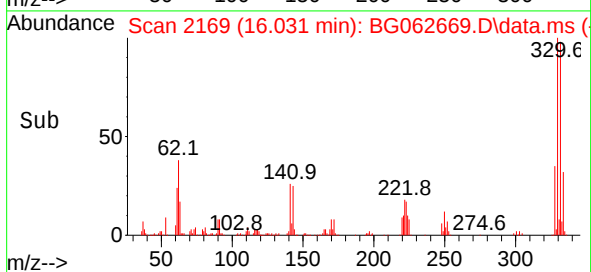
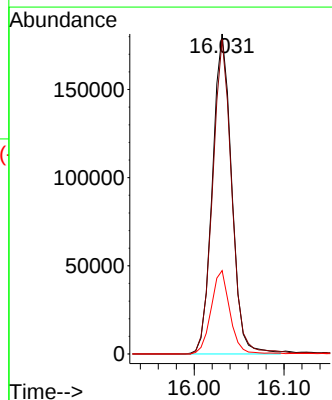
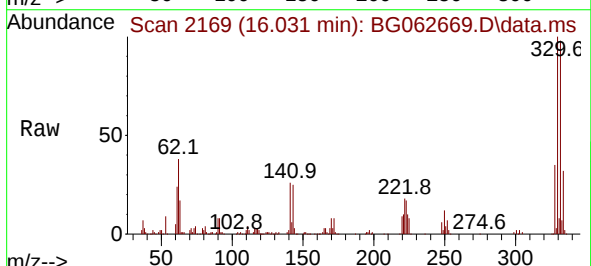
Tgt Ion:330 Resp: 269933

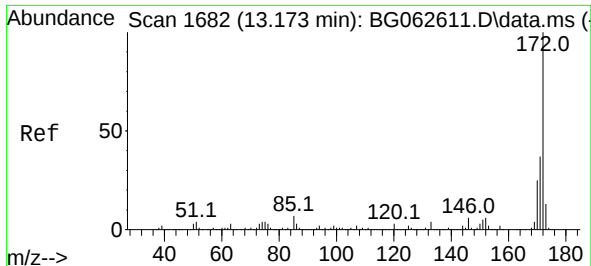
Ion Ratio Lower Upper

330 100

332 97.5 77.2 115.8

141 25.6 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 87.218 ng

RT: 13.164 min Scan# 1

Delta R.T. -0.009 min

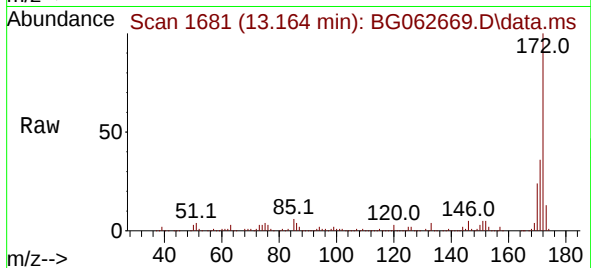
Lab File: BG062669.D

Acq: 5 Sep 2024 16:31

Instrument :

BNA_G

ClientSampleId :



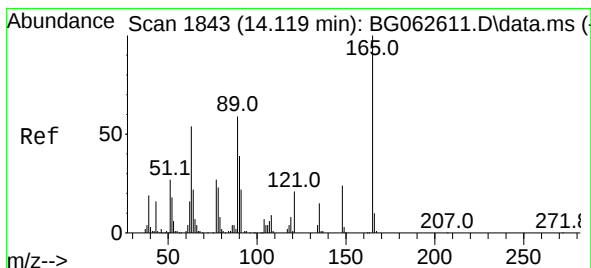
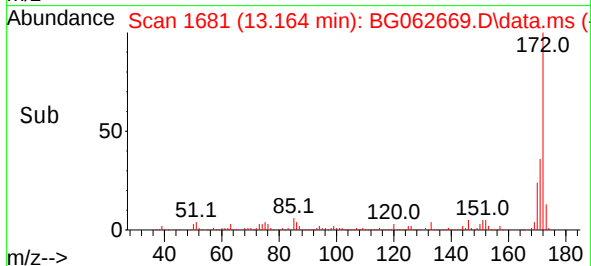
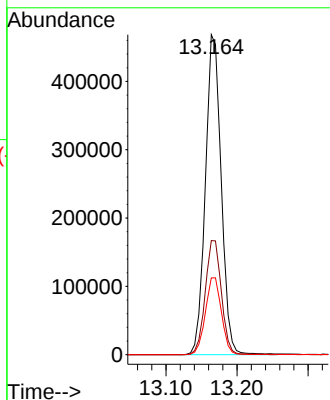
Tgt Ion:172 Resp: 726325

Ion Ratio Lower Upper

172 100

171 35.7 29.7 44.5

170 24.0 20.0 30.0



#51

2,6-Dinitrotoluene

Concen: 9.541 ng

RT: 14.545 min Scan# 1916

Delta R.T. 0.426 min

Lab File: BG062669.D

Acq: 5 Sep 2024 16:31

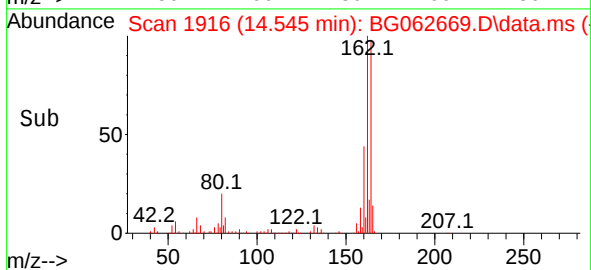
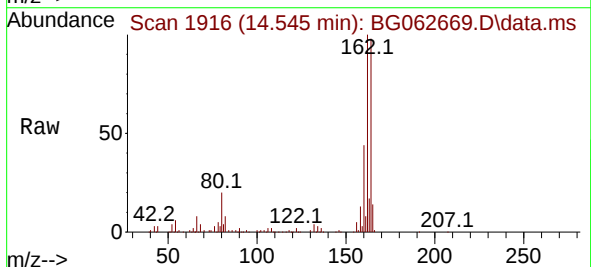
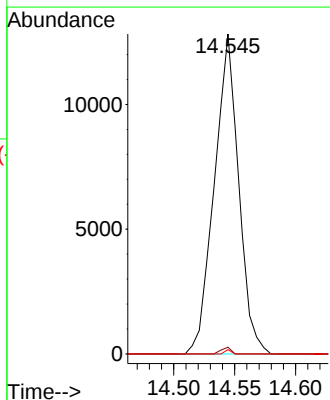
Tgt Ion:165 Resp: 17800

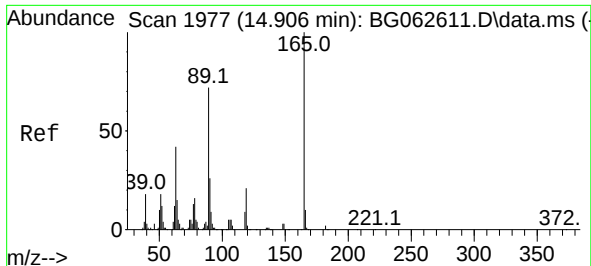
Ion Ratio Lower Upper

165 100

63 2.1 46.6 69.8#

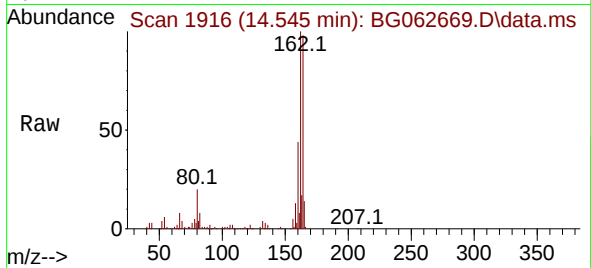
89 1.3 47.2 70.8#



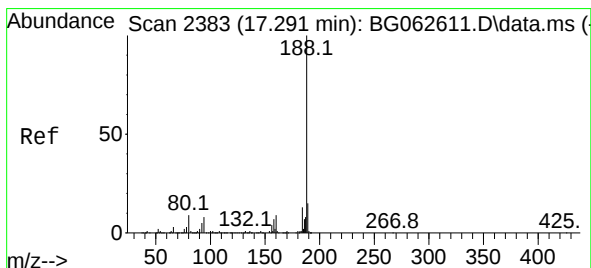
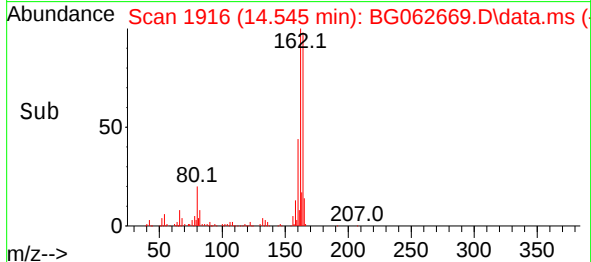
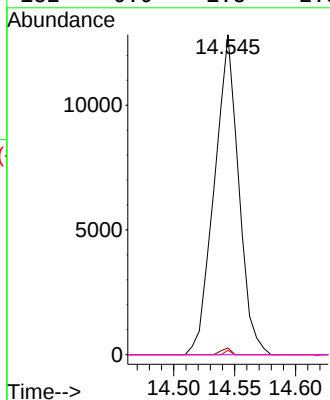


#57
2,4-Dinitrotoluene
Concen: 6.993 ng
RT: 14.545 min Scan# 1977
Delta R.T. -0.362 min
Lab File: BG062669.D
Acq: 5 Sep 2024 16:31

Instrument :
BNA_G
ClientSampleId :

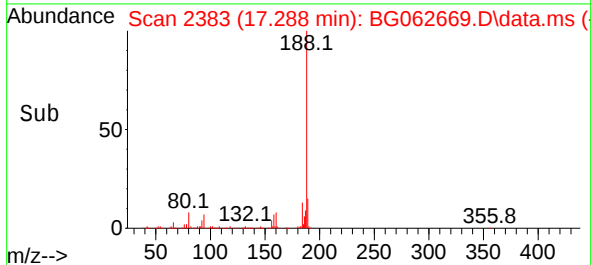
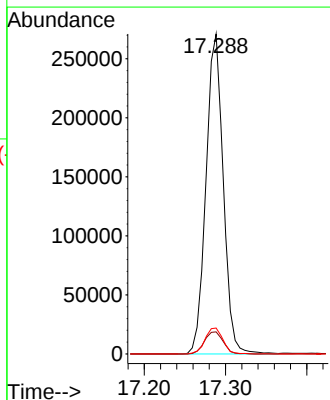
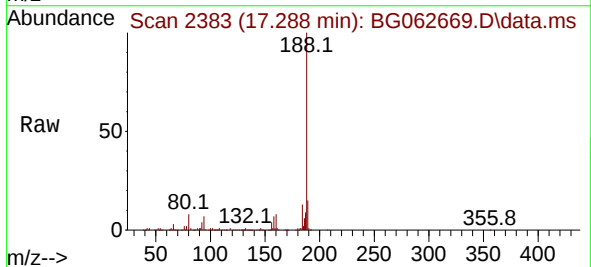


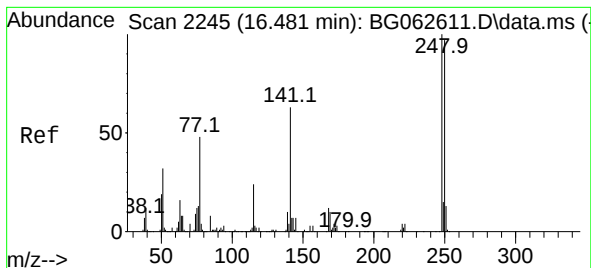
Tgt Ion:165 Resp: 17800
Ion Ratio Lower Upper
165 100
63 2.1 33.8 50.6#
89 1.3 57.9 86.9#
182 0.0 1.8 2.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.288 min Scan# 2383
Delta R.T. -0.003 min
Lab File: BG062669.D
Acq: 5 Sep 2024 16:31

Tgt Ion:188 Resp: 399629
Ion Ratio Lower Upper
188 100
94 6.9 6.3 9.5
80 8.1 7.0 10.4

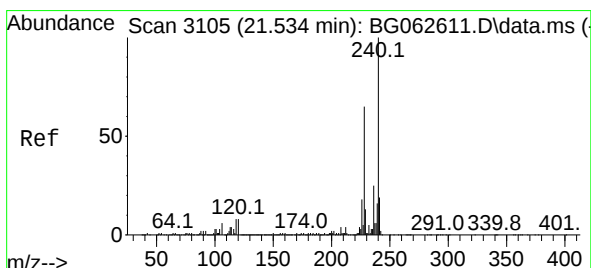
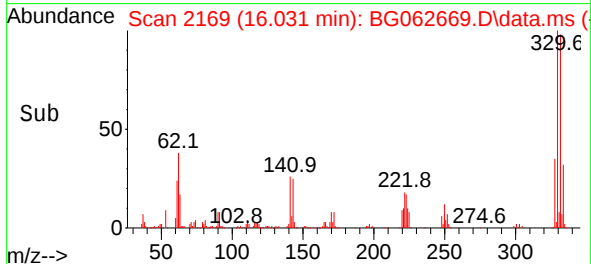
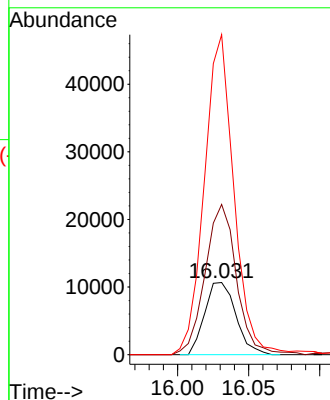
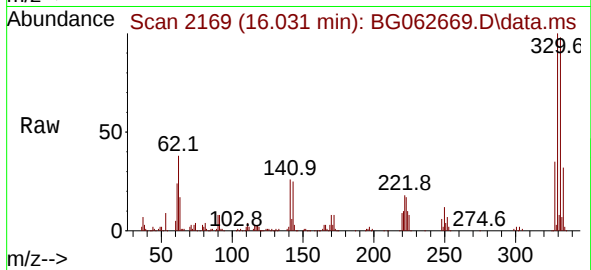




#67
4-Bromophenyl-phenylether
Concen: 3.945 ng
RT: 16.031 min Scan# 2169
Delta R.T. -0.450 min
Lab File: BG062669.D
Acq: 5 Sep 2024 16:31

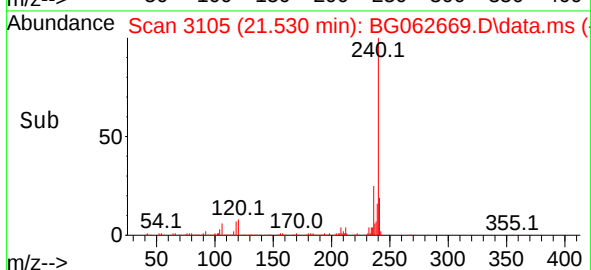
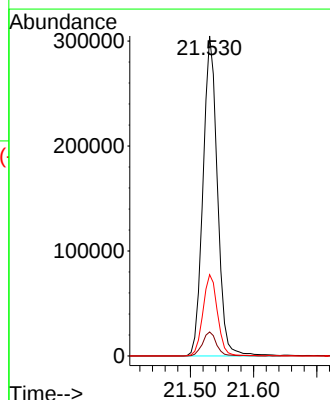
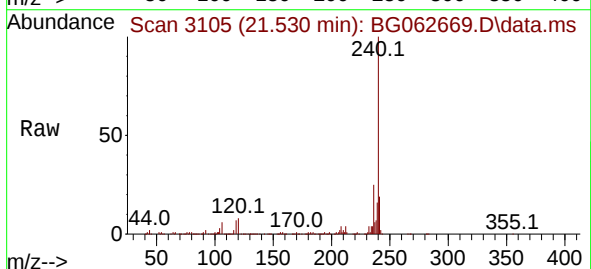
Instrument :
BNA_G
ClientSampleId :

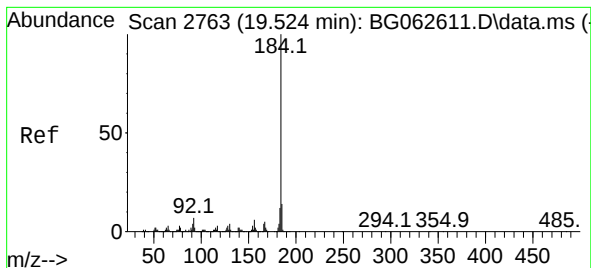
Tgt Ion:248 Resp: 16270
Ion Ratio Lower Upper
248 100
250 270.5 77.9 116.9#
141 443.0 50.2 75.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.530 min Scan# 3105
Delta R.T. -0.003 min
Lab File: BG062669.D
Acq: 5 Sep 2024 16:31

Tgt Ion:240 Resp: 482411
Ion Ratio Lower Upper
240 100
120 7.5 6.6 9.8
236 25.4 20.2 30.4





#77

Benzidine

Concen: 3.600 ng

RT: 19.909 min Scan# 21

Delta R.T. 0.385 min

Lab File: BG062669.D

Acq: 5 Sep 2024 16:31

Instrument :

BNA_G

ClientSampleId :

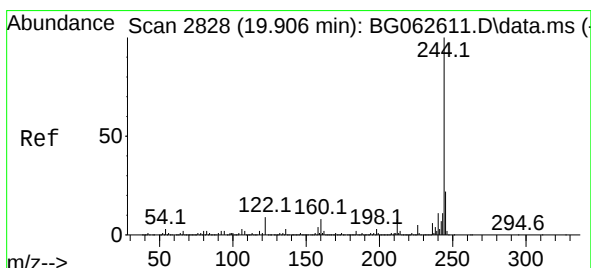
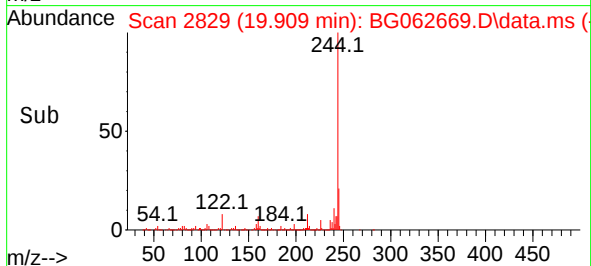
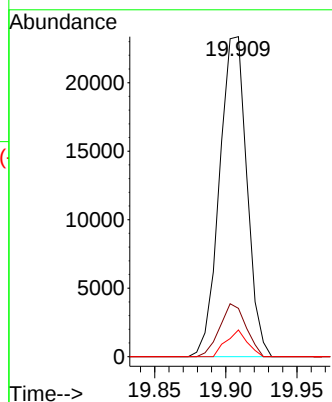
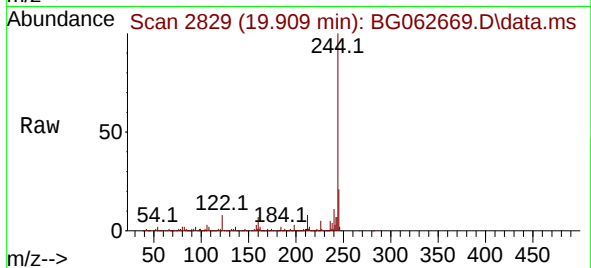
Tgt Ion:184 Resp: 31305

Ion Ratio Lower Upper

184 100

185 15.1 11.0 16.6

183 8.3 9.7 14.5#



#79

Terphenyl-d14

Concen: 85.711 ng

RT: 19.909 min Scan# 2829

Delta R.T. 0.003 min

Lab File: BG062669.D

Acq: 5 Sep 2024 16:31

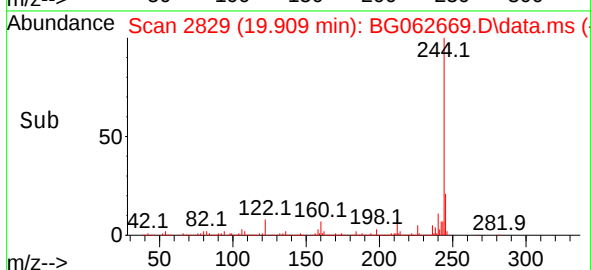
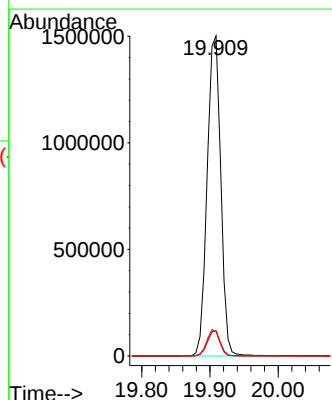
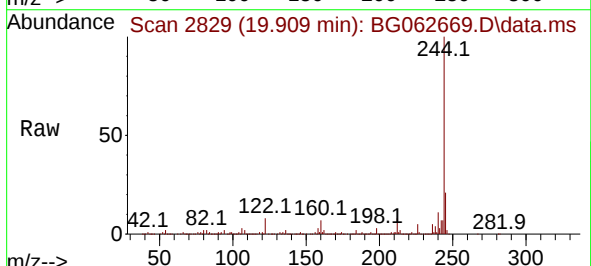
Tgt Ion:244 Resp: 2085294

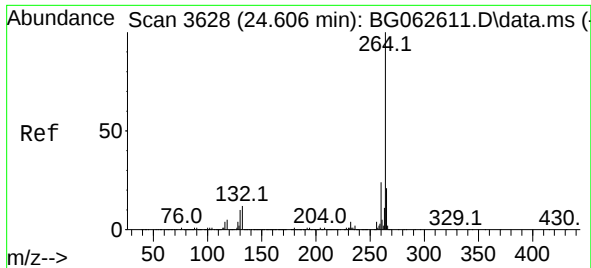
Ion Ratio Lower Upper

244 100

212 7.9 6.6 10.0

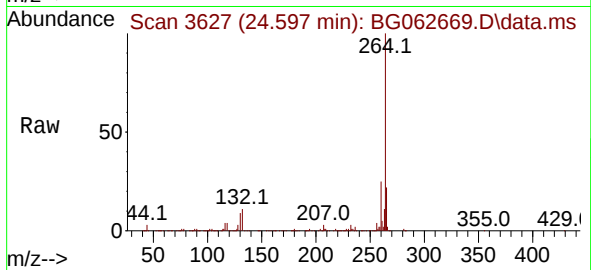
122 7.7 7.2 10.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.597 min Scan# 30
Delta R.T. -0.009 min
Lab File: BG062669.D
Acq: 5 Sep 2024 16:31

Instrument :
BNA_G
ClientSampleId :



Tgt Ion:264 Resp: 550716
Ion Ratio Lower Upper
264 100
260 24.5 19.0 28.4
265 21.6 17.3 25.9

