

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090624\
 Data File : BG062679.D
 Acq On : 6 Sep 2024 13:31
 Operator : MA/JU
 Sample : PB163179BL
 Misc : 8270-WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB163179BL

Quant Time: Sep 06 14:33:33 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)

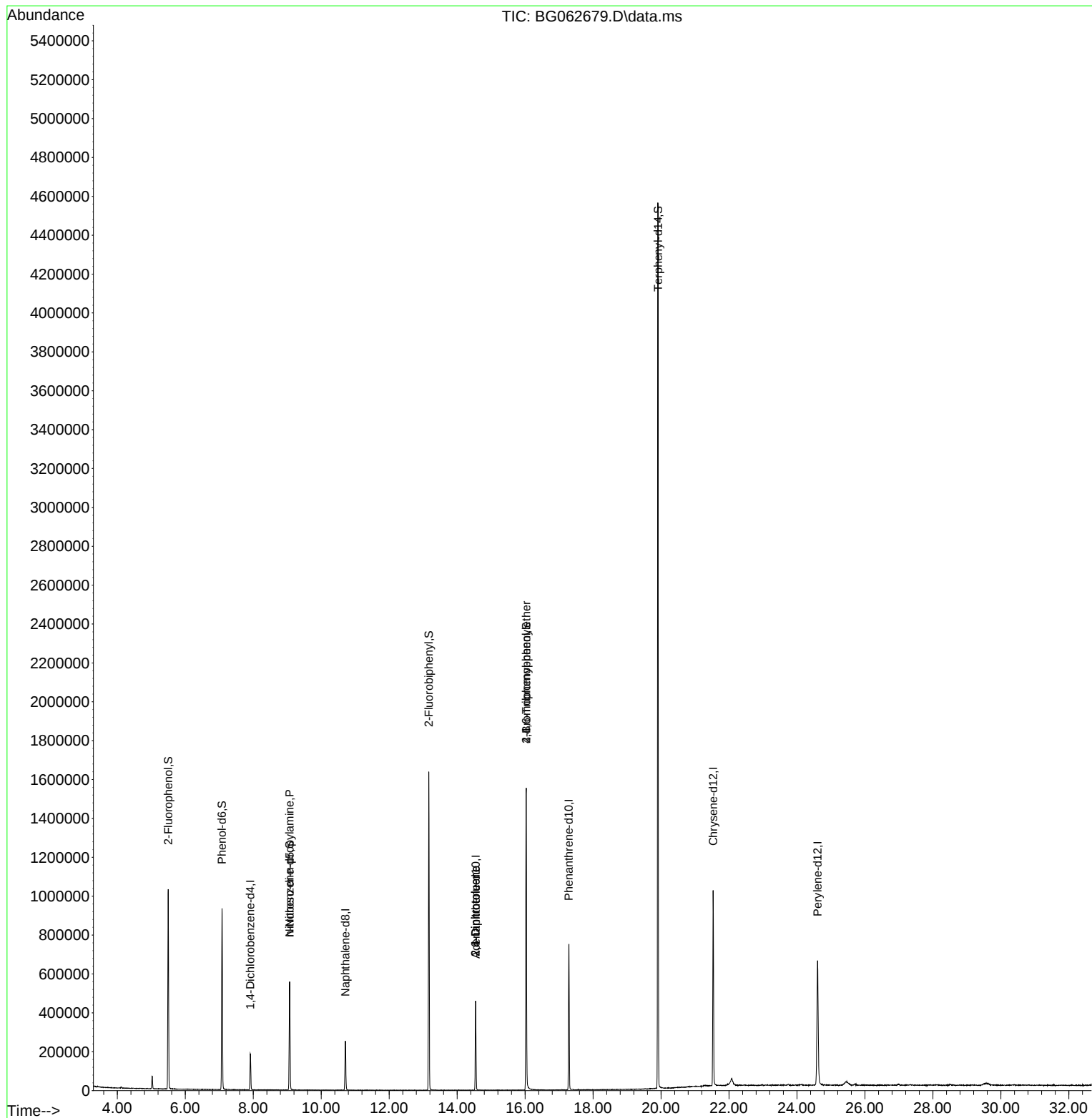
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.915	152	55324	20.000	ng	0.00
21) Naphthalene-d8	10.712	136	220637	20.000	ng	0.00
39) Acenaphthene-d10	14.549	164	171334	20.000	ng	0.00
64) Phenanthrene-d10	17.287	188	510391	20.000	ng	0.00
76) Chrysene-d12	21.534	240	612087	20.000	ng	0.00
86) Perylene-d12	24.607	264	718074	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.500	112	439706	137.381	ng	0.00
7) Phenol-d6	7.081	99	527116	114.002	ng	-0.01
23) Nitrobenzene-d5	9.073	82	333787	81.476	ng	0.00
42) 2,4,6-Tribromophenol	16.035	330	357111	148.105	ng	0.00
45) 2-Fluorobiphenyl	13.168	172	847429	80.116	ng	0.00
79) Terphenyl-d14	19.913	244	2404260	77.885	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.073	70	44733	12.278	ng	# 83
51) 2,6-Dinitrotoluene	14.543	165	22722	9.588	ng	# 24
57) 2,4-Dinitrotoluene	14.543	165	22722	7.028	ng	# 25
67) 4-Bromophenyl-phenylether	16.035	248	22699	4.309	ng	# 1

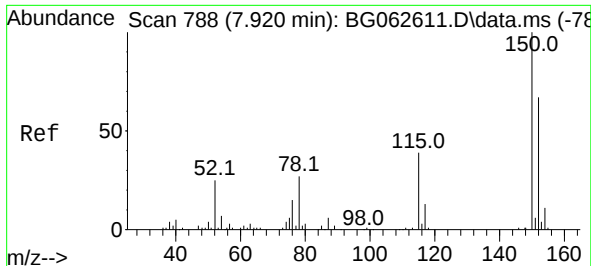
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 06 14:33:33 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

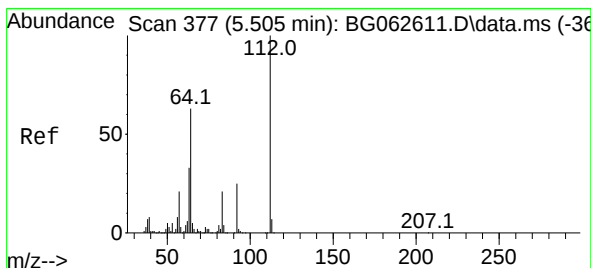
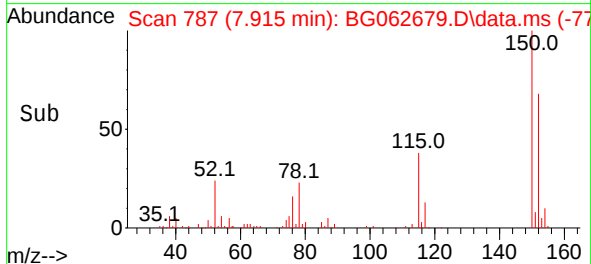
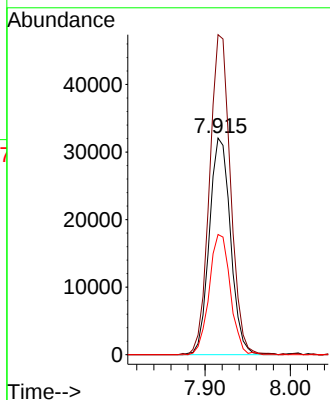
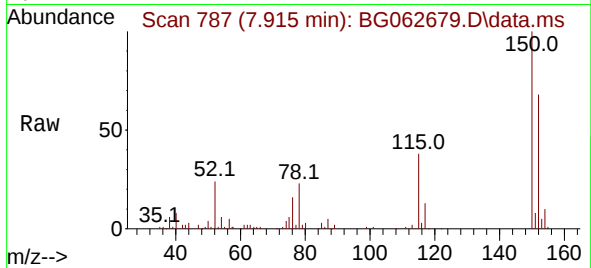




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.915 min Scan# 71
Delta R.T. -0.005 min
Lab File: BG062679.D
Acq: 6 Sep 2024 13:31

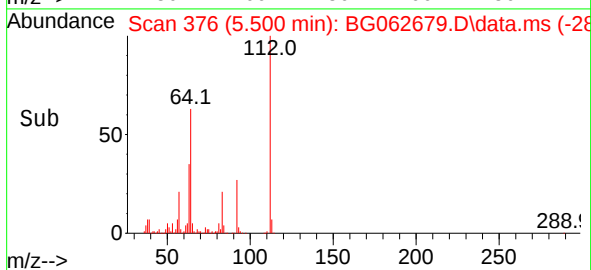
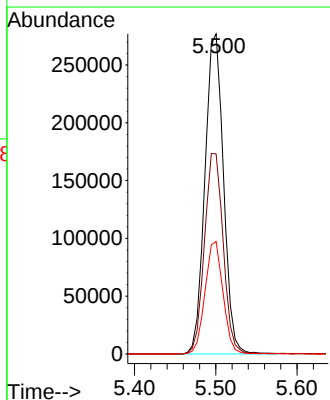
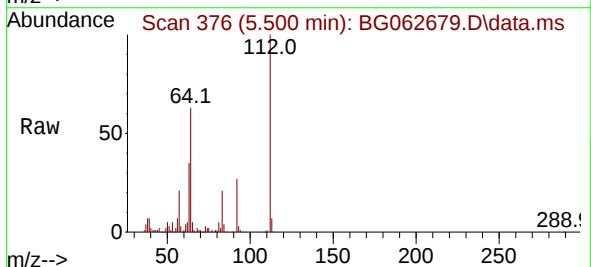
Instrument :
BNA_G
ClientSampleId :
PB163179BL

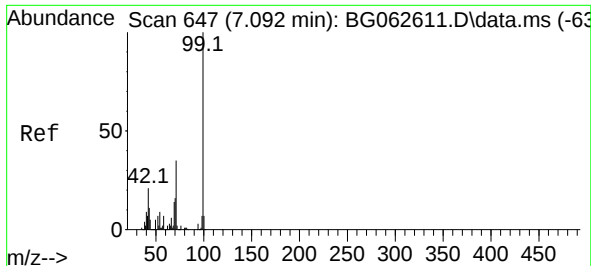
Tgt Ion:152 Resp: 55324
Ion Ratio Lower Upper
152 100
150 147.7 119.9 179.9
115 55.5 46.6 69.8



#5
2-Fluorophenol
Concen: 137.381 ng
RT: 5.500 min Scan# 376
Delta R.T. -0.005 min
Lab File: BG062679.D
Acq: 6 Sep 2024 13:31

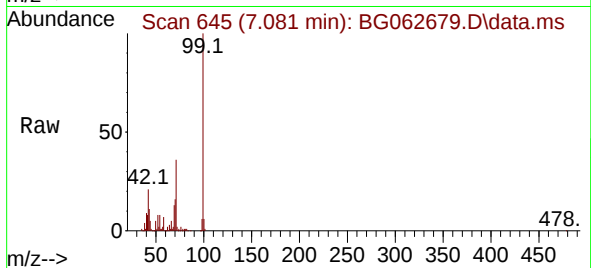
Tgt Ion:112 Resp: 439706
Ion Ratio Lower Upper
112 100
64 62.5 50.2 75.2
63 35.1 26.6 39.8



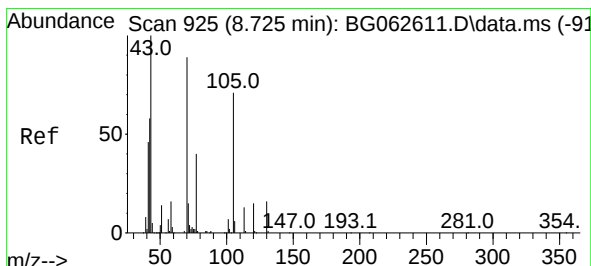
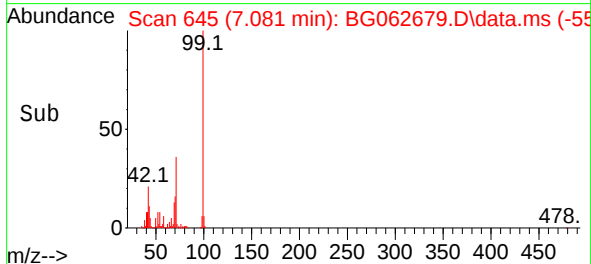
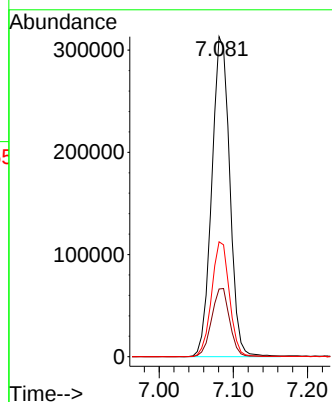


#7
Phenol-d6
Concen: 114.002 ng
RT: 7.081 min Scan# 64
Delta R.T. -0.011 min
Lab File: BG062679.D
Acq: 6 Sep 2024 13:31

Instrument :
BNA_G
ClientSampleId :
PB163179BL

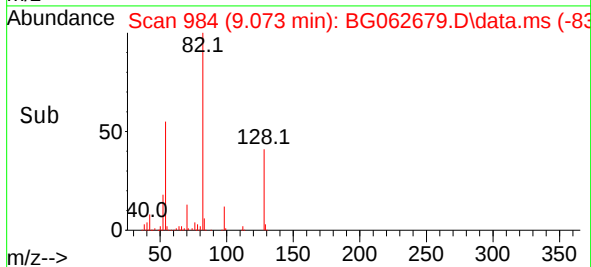
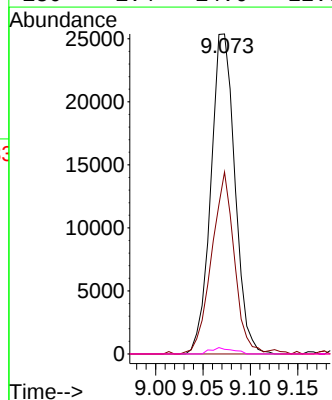
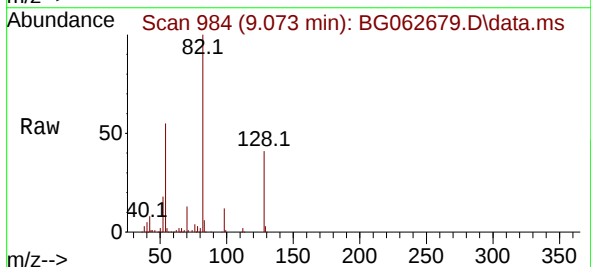


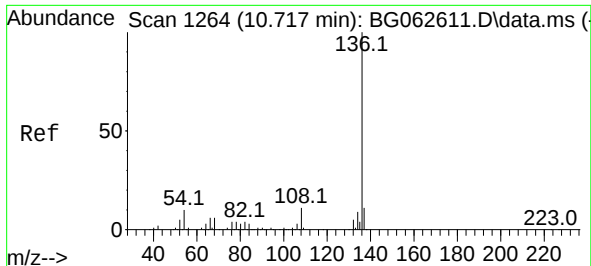
Tgt Ion: 99 Resp: 527116
Ion Ratio Lower Upper
99 100
42 21.2 16.9 25.3
71 35.9 27.9 41.9



#19
n-Nitroso-di-n-propylamine
Concen: 12.278 ng
RT: 9.073 min Scan# 984
Delta R.T. 0.348 min
Lab File: BG062679.D
Acq: 6 Sep 2024 13:31

Tgt Ion: 70 Resp: 44733
Ion Ratio Lower Upper
70 100
42 56.9 52.3 78.5
101 0.0 6.6 9.8#
130 1.4 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: BG062679.D

Acq: 6 Sep 2024 13:31

Instrument :

BNA_G

ClientSampleId :

PB163179BL

Tgt Ion:136 Resp: 220637

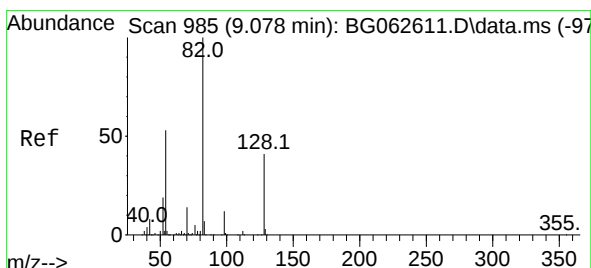
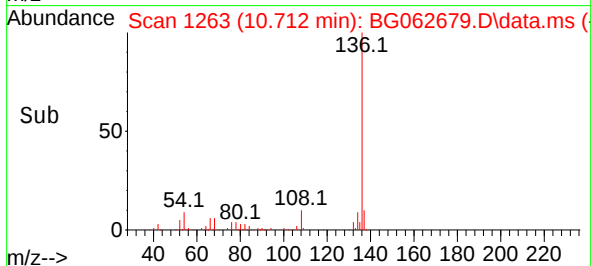
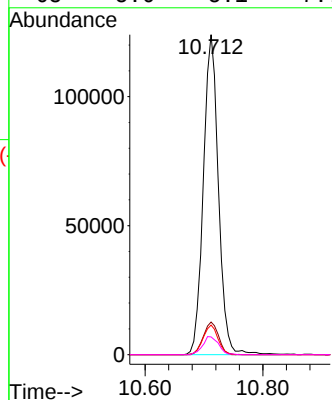
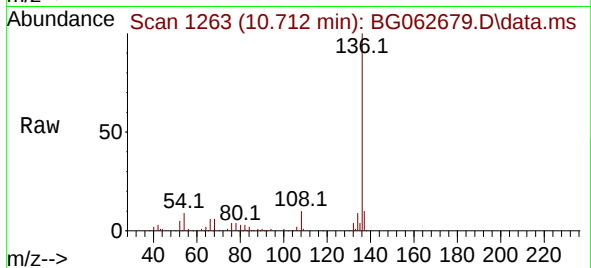
Ion Ratio Lower Upper

136 100

137 10.2 9.0 13.4

54 9.2 7.8 11.6

68 5.6 5.1 7.7



#23

Nitrobenzene-d5

Concen: 81.476 ng

RT: 9.073 min Scan# 984

Delta R.T. -0.005 min

Lab File: BG062679.D

Acq: 6 Sep 2024 13:31

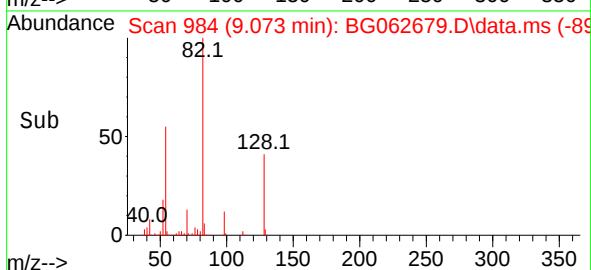
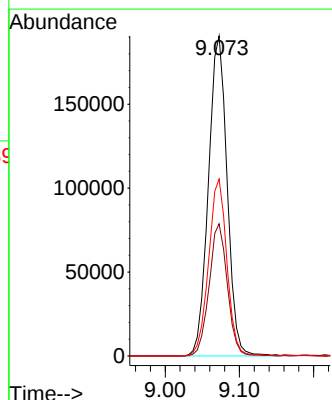
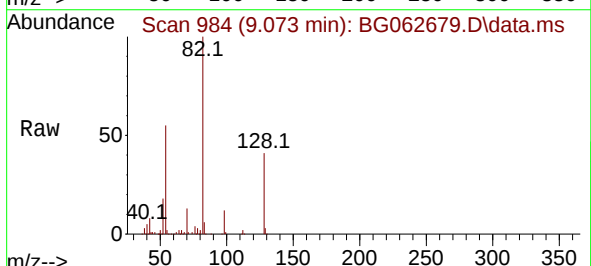
Tgt Ion: 82 Resp: 333787

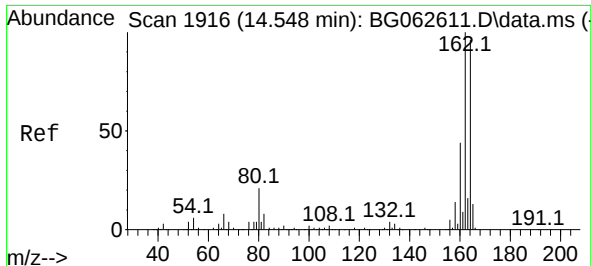
Ion Ratio Lower Upper

82 100

128 41.3 32.5 48.7

54 55.3 42.5 63.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.549 min Scan# 1916

Delta R.T. 0.001 min

Lab File: BG062679.D

Acq: 6 Sep 2024 13:31

Instrument :

BNA_G

ClientSampleId :

PB163179BL

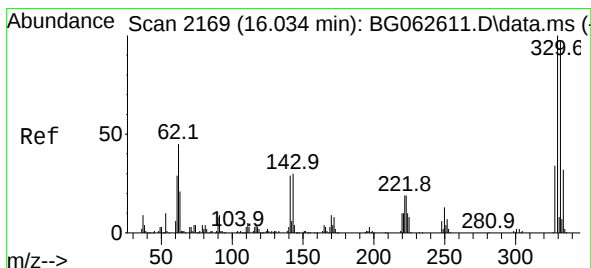
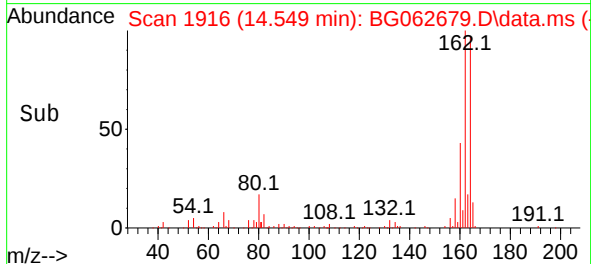
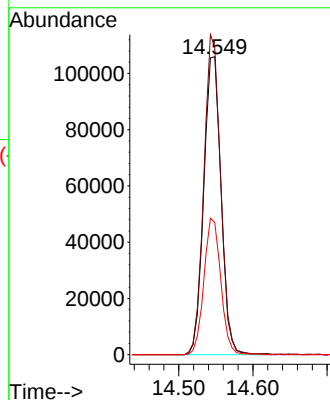
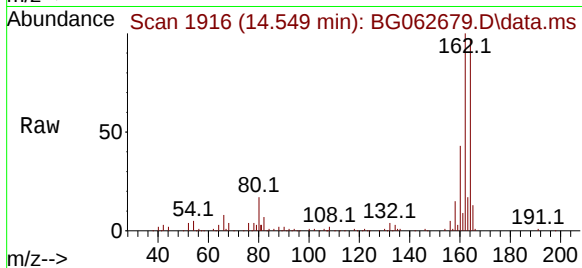
Tgt Ion:164 Resp: 171334

Ion Ratio Lower Upper

164 100

162 103.2 83.1 124.7

160 44.3 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 148.105 ng

RT: 16.035 min Scan# 2169

Delta R.T. 0.001 min

Lab File: BG062679.D

Acq: 6 Sep 2024 13:31

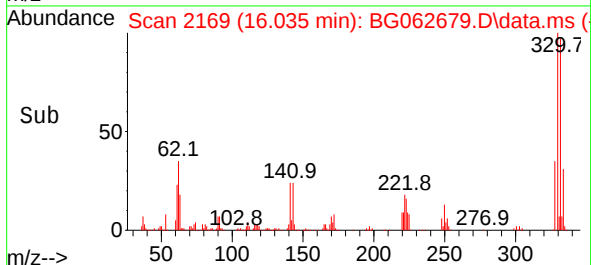
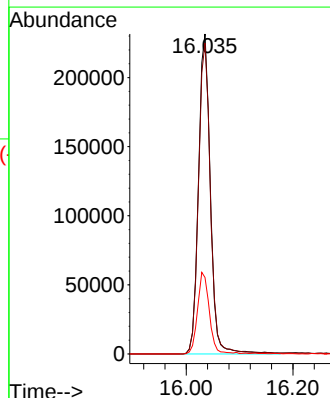
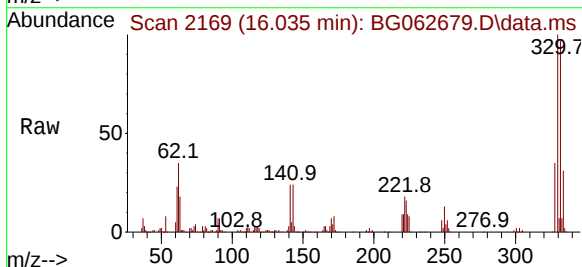
Tgt Ion:330 Resp: 357111

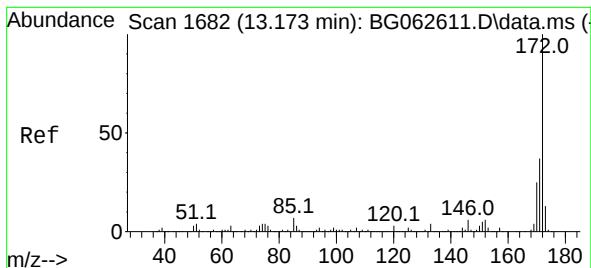
Ion Ratio Lower Upper

330 100

332 97.5 77.2 115.8

141 25.4 22.2 33.4

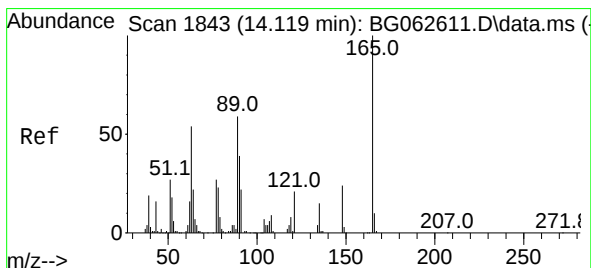
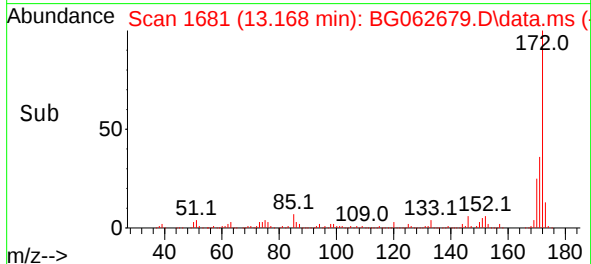
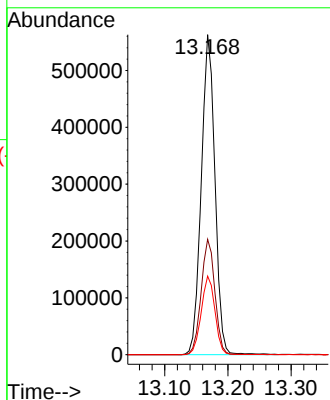
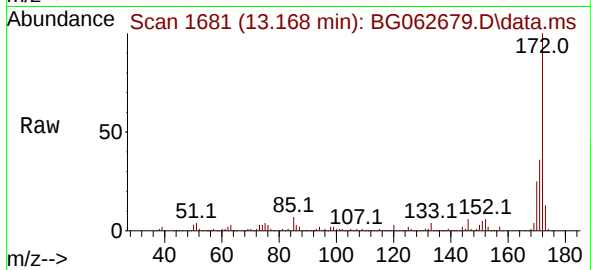




#45
2-Fluorobiphenyl
Concen: 80.116 ng
RT: 13.168 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG062679.D
Acq: 6 Sep 2024 13:31

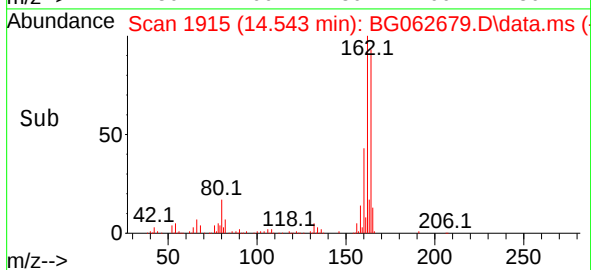
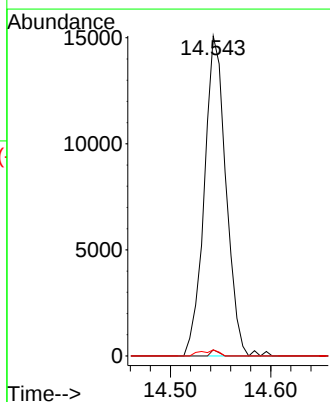
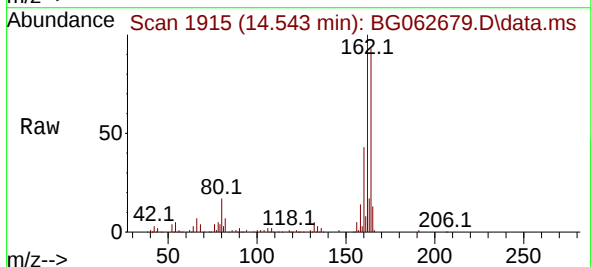
Instrument :
BNA_G
ClientSampleId :
PB163179BL

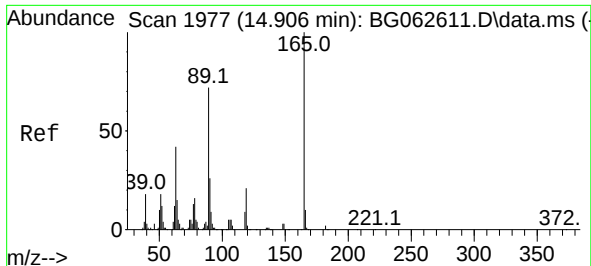
Tgt Ion:172 Resp: 847429
Ion Ratio Lower Upper
172 100
171 36.1 29.7 44.5
170 24.5 20.0 30.0



#51
2,6-Dinitrotoluene
Concen: 9.588 ng
RT: 14.543 min Scan# 1915
Delta R.T. 0.424 min
Lab File: BG062679.D
Acq: 6 Sep 2024 13:31

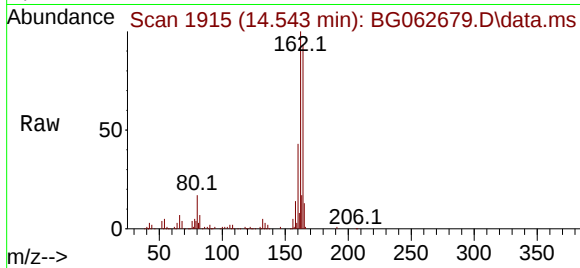
Tgt Ion:165 Resp: 22722
Ion Ratio Lower Upper
165 100
63 1.9 46.6 69.8#
89 1.9 47.2 70.8#



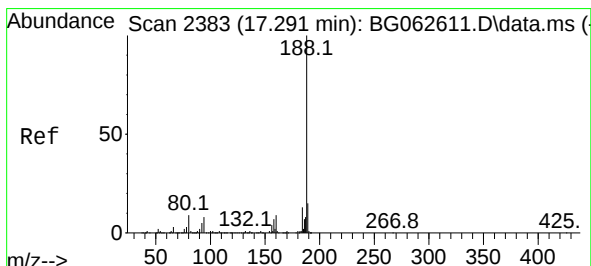
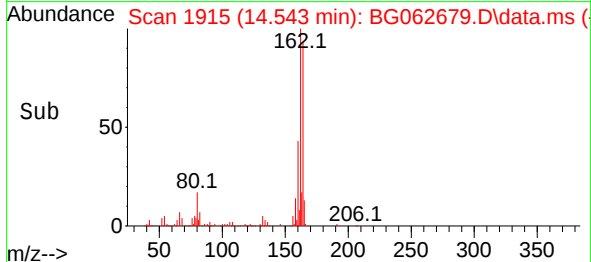
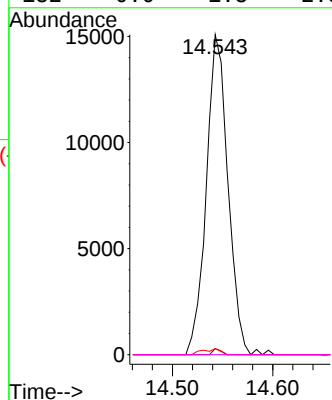


#57
2,4-Dinitrotoluene
Concen: 7.028 ng
RT: 14.543 min Scan# 1915
Delta R.T. -0.363 min
Lab File: BG062679.D
Acq: 6 Sep 2024 13:31

Instrument :
BNA_G
ClientSampleId :
PB163179BL

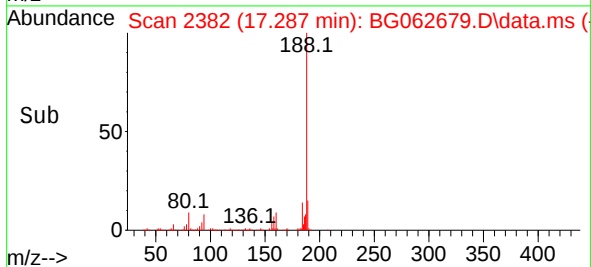
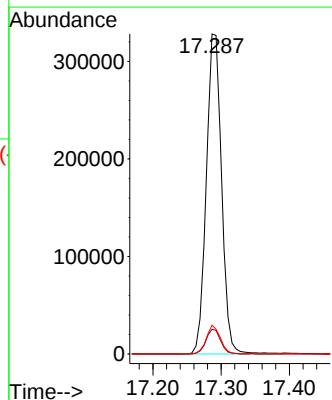
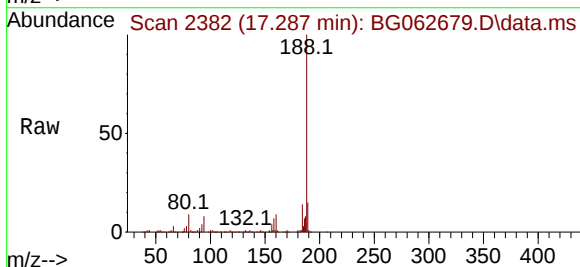


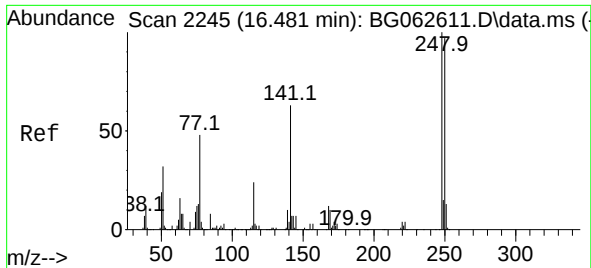
Tgt Ion:165 Resp: 22722
Ion Ratio Lower Upper
165 100
63 1.9 33.8 50.6#
89 1.9 57.9 86.9#
182 0.0 1.8 2.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.287 min Scan# 2382
Delta R.T. -0.005 min
Lab File: BG062679.D
Acq: 6 Sep 2024 13:31

Tgt Ion:188 Resp: 510391
Ion Ratio Lower Upper
188 100
94 7.7 6.3 9.5
80 9.0 7.0 10.4

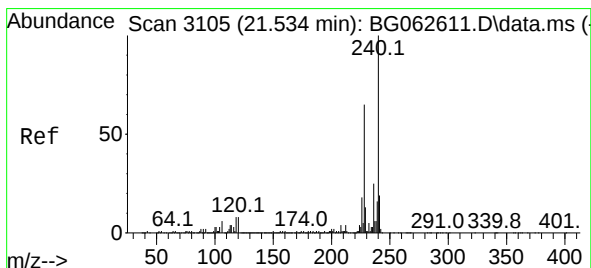
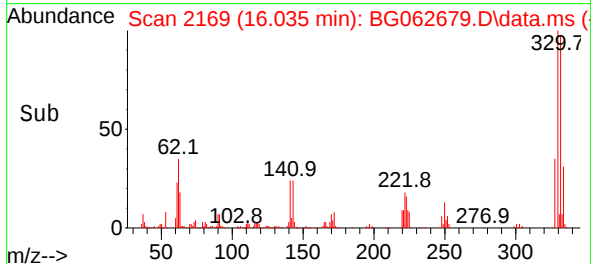
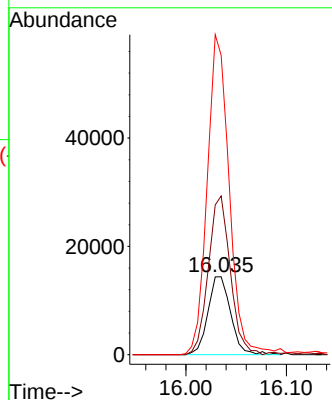
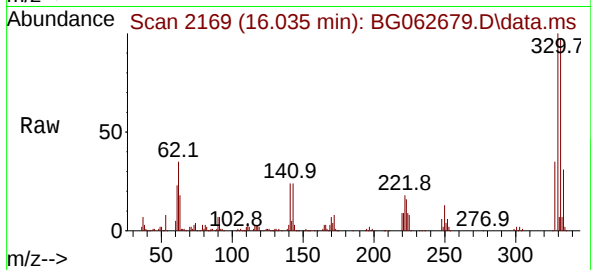




#67
4-Bromophenyl-phenylether
Concen: 4.309 ng
RT: 16.035 min Scan# 2169
Delta R.T. -0.446 min
Lab File: BG062679.D
Acq: 6 Sep 2024 13:31

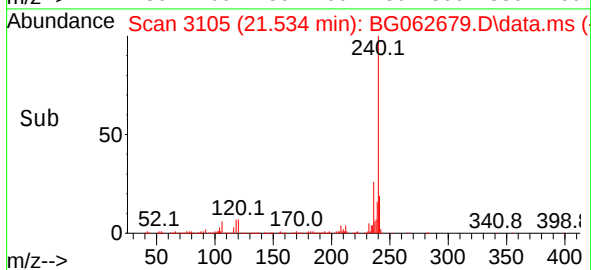
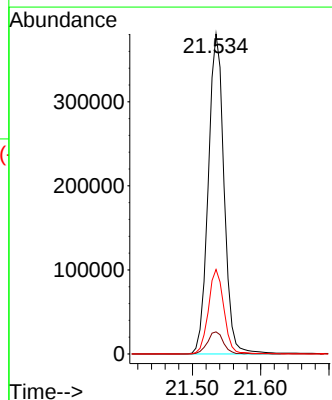
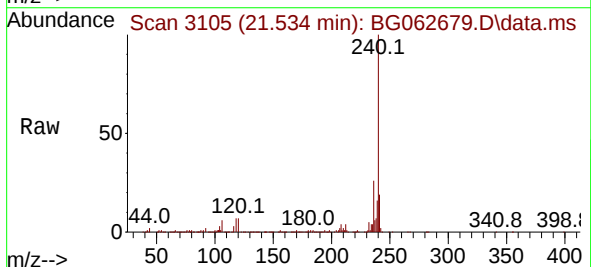
Instrument :
BNA_G
ClientSampleId :
PB163179BL

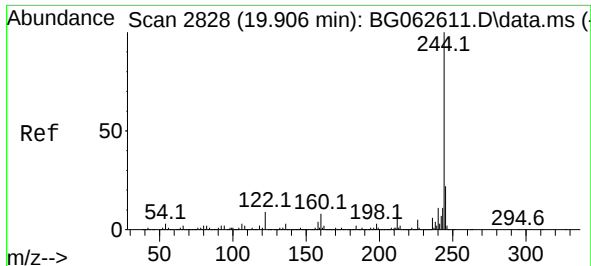
Tgt Ion:248 Resp: 22699
Ion Ratio Lower Upper
248 100
250 203.5 77.9 116.9#
141 383.9 50.2 75.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.534 min Scan# 3105
Delta R.T. 0.001 min
Lab File: BG062679.D
Acq: 6 Sep 2024 13:31

Tgt Ion:240 Resp: 612087
Ion Ratio Lower Upper
240 100
120 6.9 6.6 9.8
236 26.4 20.2 30.4

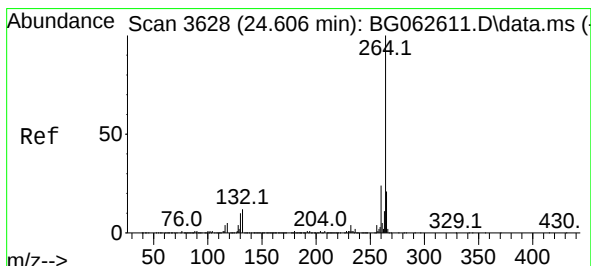
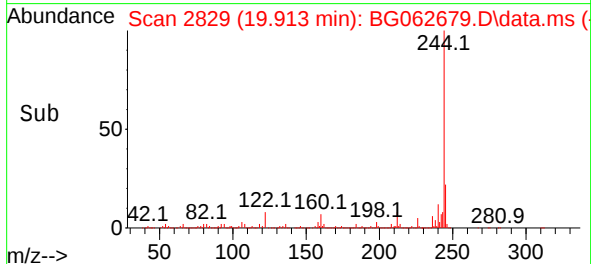
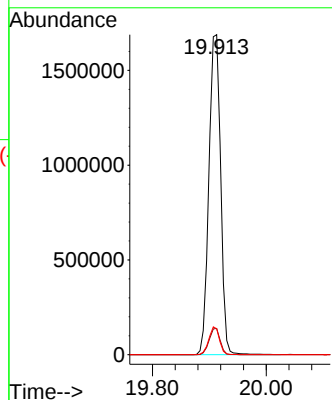
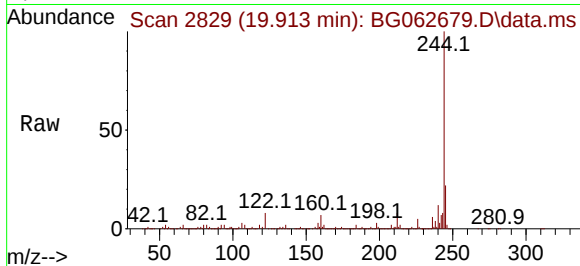




#79
 Terphenyl-d14
 Concen: 77.885 ng
 RT: 19.913 min Scan# 2829
 Delta R.T. 0.007 min
 Lab File: BG062679.D
 Acq: 6 Sep 2024 13:31

Instrument :
 BNA_G
 ClientSampleId :
 PB163179BL

Tgt Ion:244 Resp: 2404260
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.6 10.0
 122 8.1 7.2 10.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.607 min Scan# 3628
 Delta R.T. 0.001 min
 Lab File: BG062679.D
 Acq: 6 Sep 2024 13:31

Tgt Ion:264 Resp: 718074
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.0 28.4
 265 21.1 17.3 25.9

