

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051624\
 Data File : BG061223.D
 Acq On : 16 May 2024 16:39
 Operator : MA/JU
 Sample : P2476-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-1-COMP

Quant Time: May 16 17:14:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 05:11:25 2024
 Response via : Initial Calibration

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

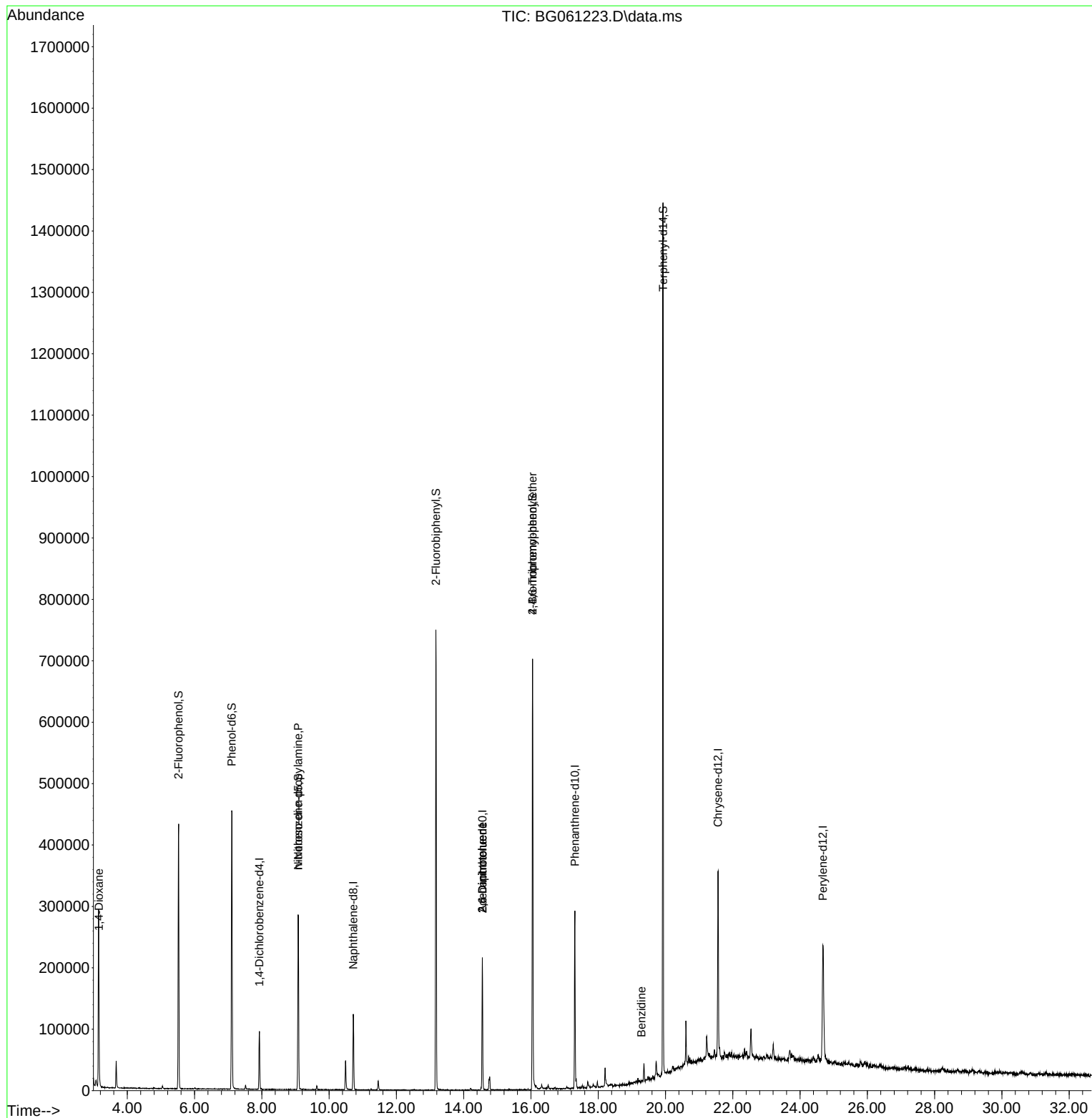
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	24476	20.000	ng	-0.03
21) Naphthalene-d8	10.720	136	98575	20.000	ng	#-0.04
39) Acenaphthene-d10	14.556	164	79916	20.000	ng	-0.03
64) Phenanthrene-d10	17.306	188	189468	20.000	ng	#-0.03
76) Chrysene-d12	21.560	240	190047	20.000	ng	-0.03
86) Perylene-d12	24.680	264	226902	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	150075	124.699	ng	-0.02
7) Phenol-d6	7.106	99	207170	116.364	ng	-0.03
23) Nitrobenzene-d5	9.080	82	147624	74.238	ng	-0.04
42) 2,4,6-Tribromophenol	16.049	330	161839	101.315	ng	-0.03
45) 2-Fluorobiphenyl	13.176	172	392610	72.646	ng	-0.03
79) Terphenyl-d14	19.926	244	760595	66.561	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.158	88	2242	4.607	ng	# 1
9) Benzaldehyde	7.100	77	177	Below Cal		# 3
19) n-Nitroso-di-n-propyla...	9.080	70	22125	16.606	ng	# 62
51) 2,6-Dinitrotoluene	14.556	165	9981	7.560	ng	# 15
57) 2,4-Dinitrotoluene	14.556	165	9981	5.110	ng	# 17
67) 4-Bromophenyl-phenylether	16.049	248	9930	4.449	ng	# 1
77) Benzidine	19.286	184	692	2.976	ng	# 50

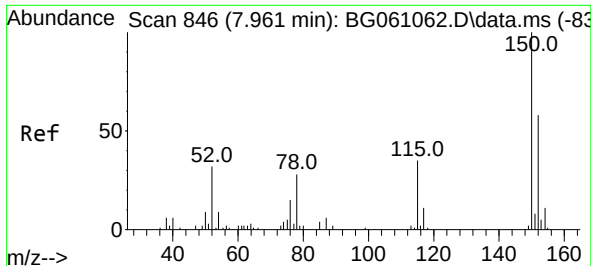
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051624\
Data File : BG061223.D
Acq On : 16 May 2024 16:39
Operator : MA/JU
Sample : P2476-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-1-COMP

Quant Time: May 16 17:14:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 05:11:25 2024
Response via : Initial Calibration

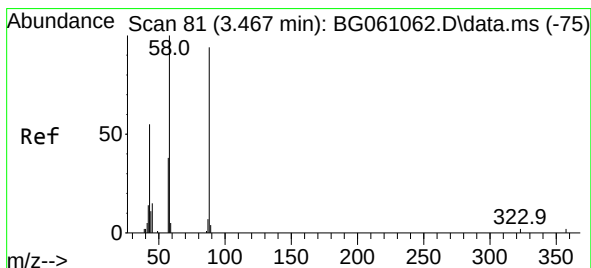
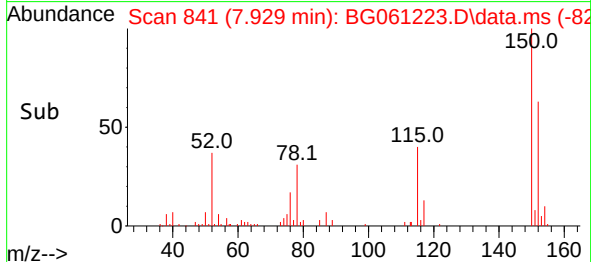
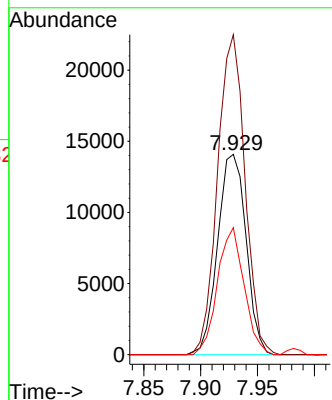
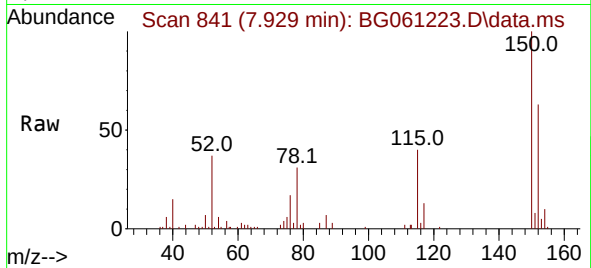




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.929 min Scan# 84
 Delta R.T. -0.032 min
 Lab File: BG061223.D
 Acq: 16 May 2024 16:39

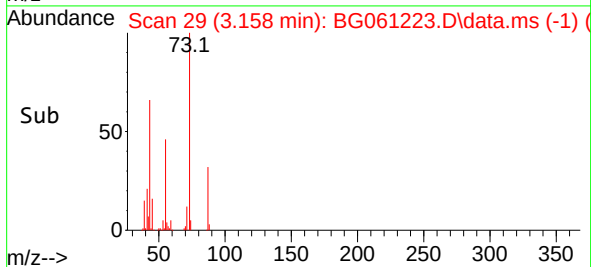
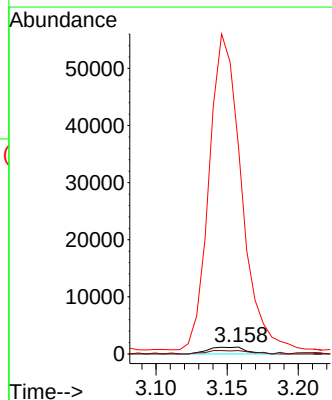
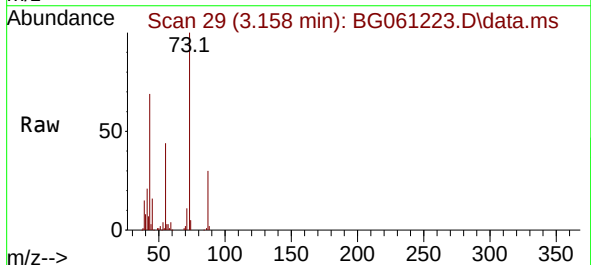
Instrument :
 BNA_G
 ClientSampleId :
 WC-1-COMP

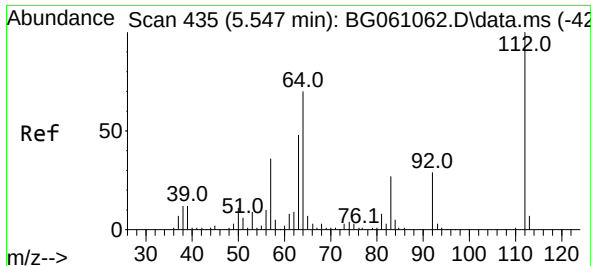
Tgt Ion:152 Resp: 24476
 Ion Ratio Lower Upper
 152 100
 150 159.8 138.3 207.5
 115 63.4 48.0 72.0



#2
 1,4-Dioxane
 Concen: 4.607 ng
 RT: 3.158 min Scan# 29
 Delta R.T. -0.309 min
 Lab File: BG061223.D
 Acq: 16 May 2024 16:39

Tgt Ion: 88 Resp: 2242
 Ion Ratio Lower Upper
 88 100
 58 56.8 81.2 121.8#
 43 3948.5 45.0 67.4#

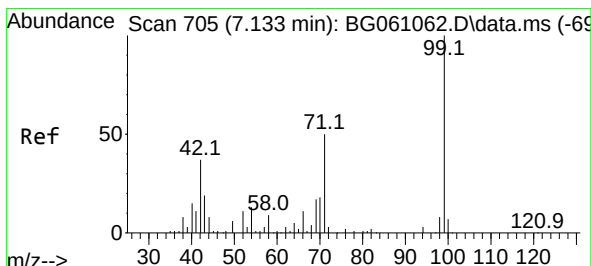
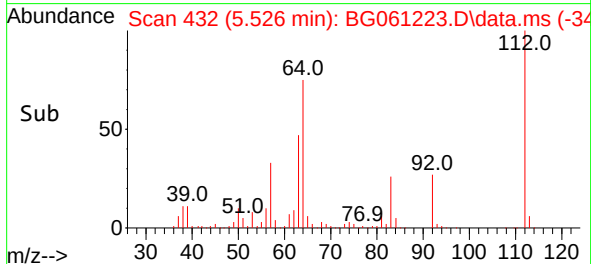
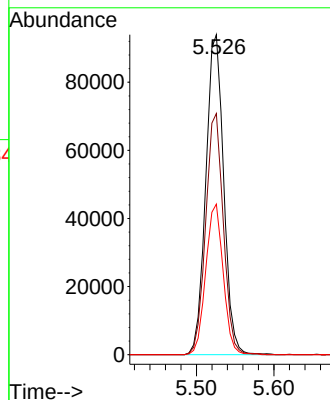
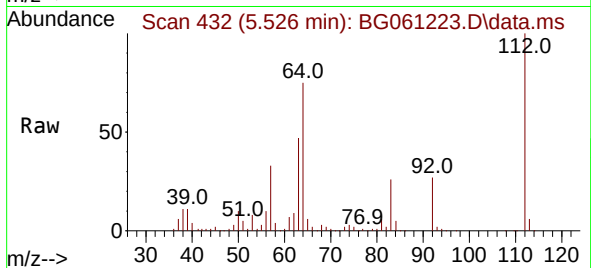




#5
2-Fluorophenol
Concen: 124.699 ng
RT: 5.526 min Scan# 41
Delta R.T. -0.021 min
Lab File: BG061223.D
Acq: 16 May 2024 16:39

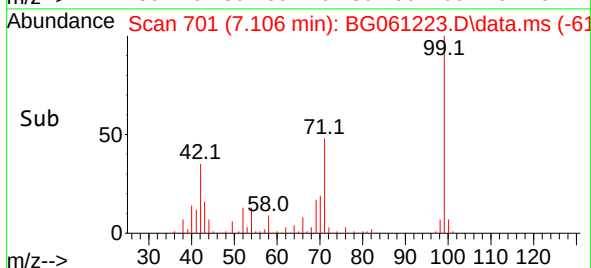
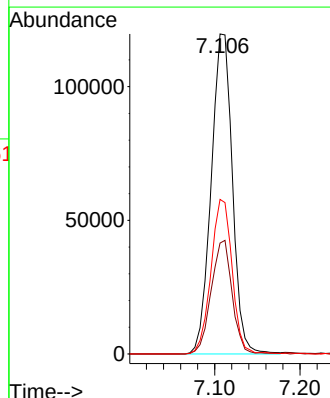
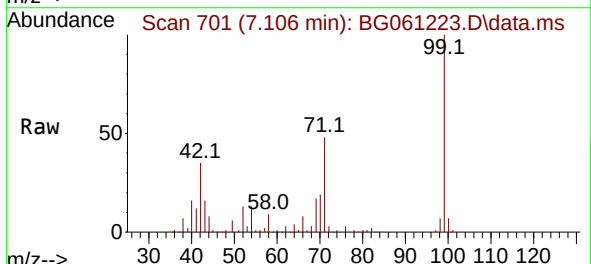
Instrument :
BNA_G
ClientSampleId :
WC-1-COMP

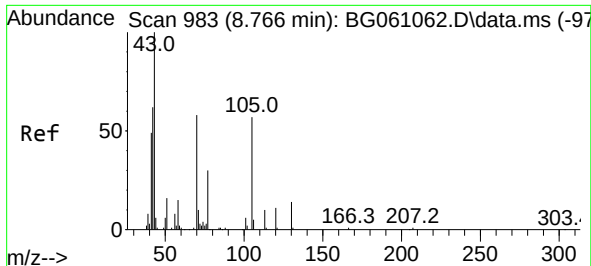
Tgt Ion:112 Resp: 150075
Ion Ratio Lower Upper
112 100
64 75.3 55.7 83.5
63 47.1 38.1 57.1



#7
Phenol-d6
Concen: 116.364 ng
RT: 7.106 min Scan# 701
Delta R.T. -0.027 min
Lab File: BG061223.D
Acq: 16 May 2024 16:39

Tgt Ion: 99 Resp: 207170
Ion Ratio Lower Upper
99 100
42 34.7 29.2 43.8
71 48.3 39.7 59.5

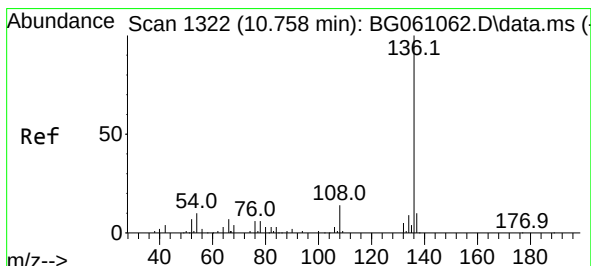
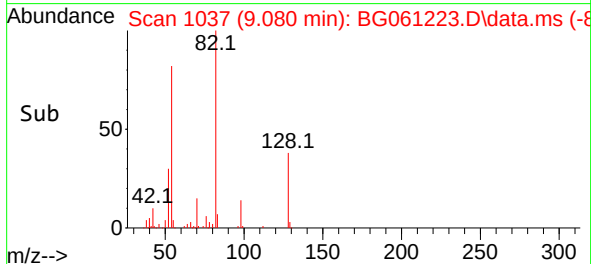
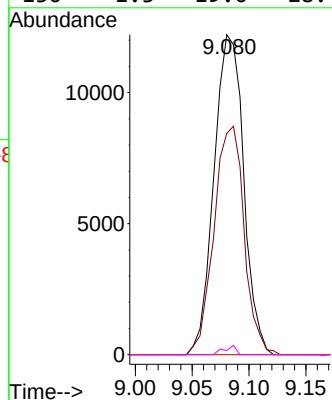
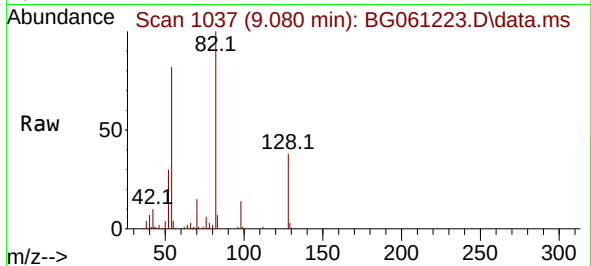




#19
n-Nitroso-di-n-propylamine
Concen: 16.606 ng
RT: 9.080 min Scan# 11
Delta R.T. 0.314 min
Lab File: BG061223.D
Acq: 16 May 2024 16:39

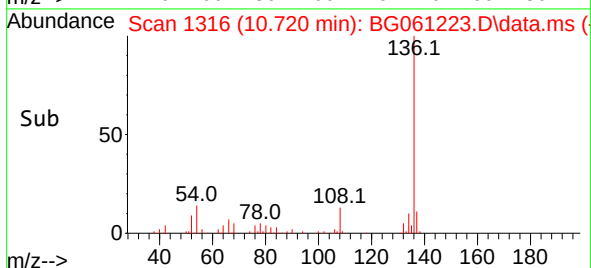
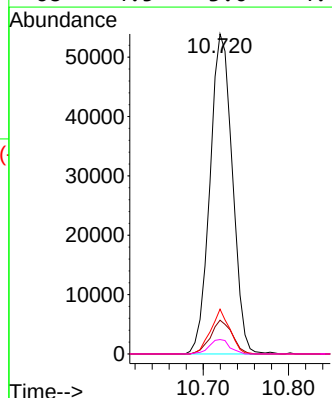
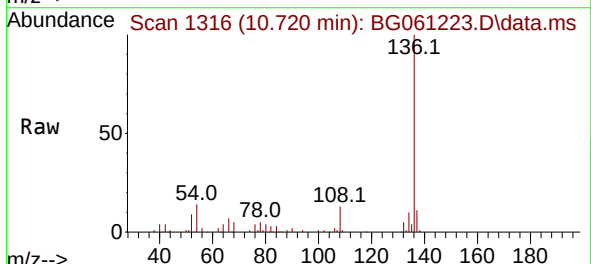
Instrument :
BNA_G
ClientSampleId :
WC-1-COMP

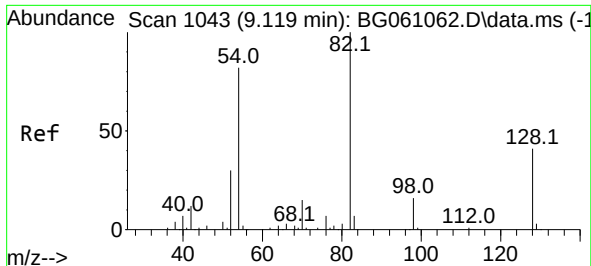
Tgt Ion: 70 Resp: 22125
Ion Ratio Lower Upper
70 100
42 69.2 86.4 129.6#
101 0.0 7.8 11.8#
130 1.3 19.0 28.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.720 min Scan# 1316
Delta R.T. -0.039 min
Lab File: BG061223.D
Acq: 16 May 2024 16:39

Tgt Ion: 136 Resp: 98575
Ion Ratio Lower Upper
136 100
137 10.5 7.8 11.6
54 14.0 8.1 12.1#
68 4.5 3.0 4.4#





#23

Nitrobenzene-d5

Concen: 74.238 ng

RT: 9.080 min Scan# 1043

Delta R.T. -0.038 min

Lab File: BG061223.D

Acq: 16 May 2024 16:39

Instrument :

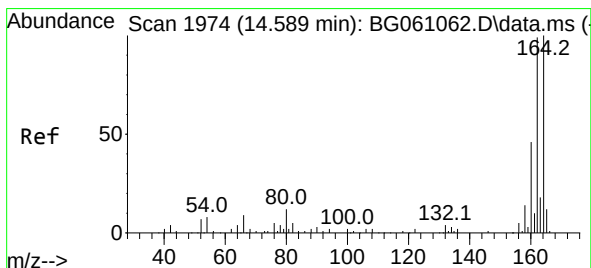
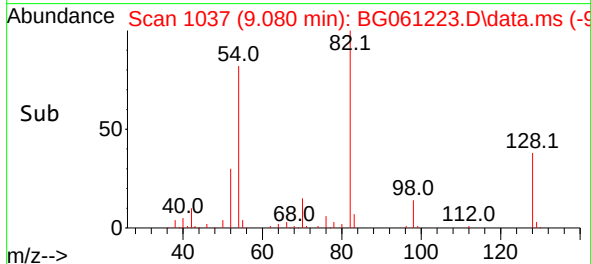
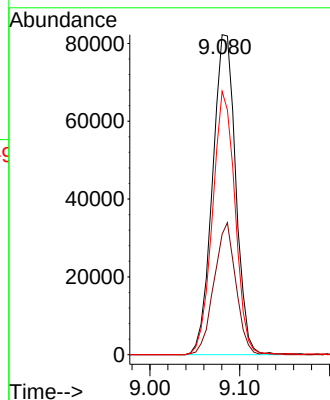
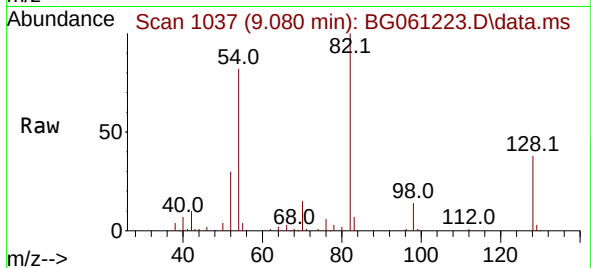
BNA_G

ClientSampleId :

WC-1-COMP

Tgt Ion: 82 Resp: 147624

Ion	Ratio	Lower	Upper
82	100		
128	37.7	32.7	49.1
54	82.3	65.6	98.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.556 min Scan# 1969

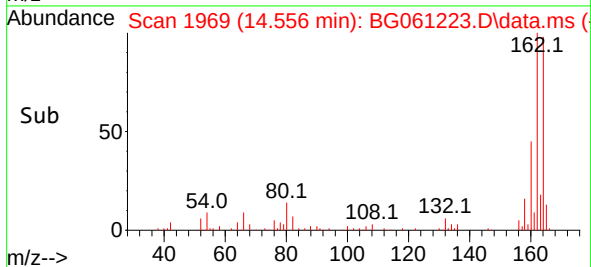
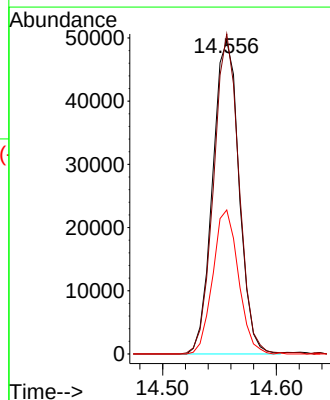
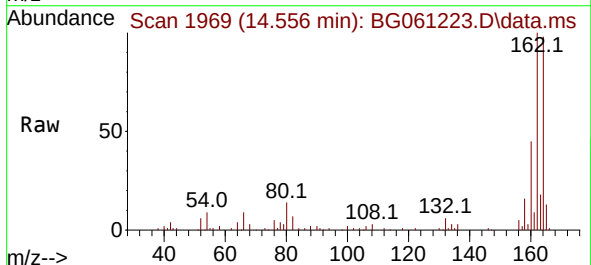
Delta R.T. -0.033 min

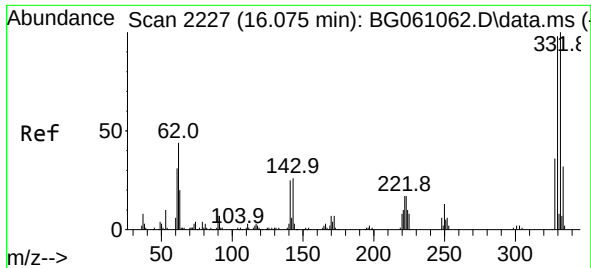
Lab File: BG061223.D

Acq: 16 May 2024 16:39

Tgt Ion:164 Resp: 79916

Ion	Ratio	Lower	Upper
164	100		
162	102.2	79.4	119.2
160	46.0	37.0	55.6

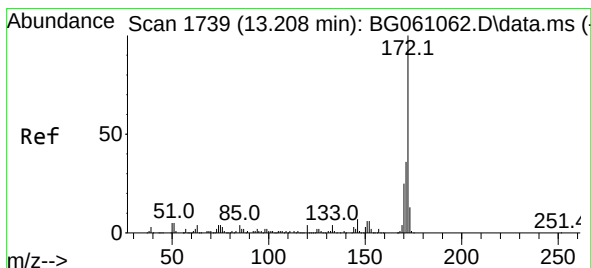
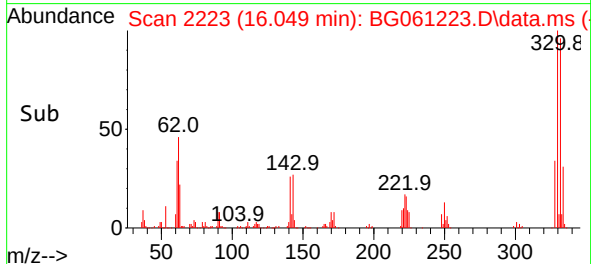
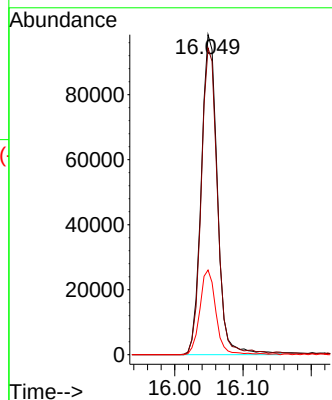
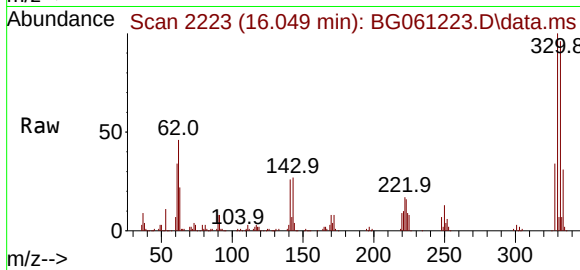




#42
 2,4,6-Tribromophenol
 Concen: 101.315 ng
 RT: 16.049 min Scan# 21
 Delta R.T. -0.027 min
 Lab File: BG061223.D
 Acq: 16 May 2024 16:39

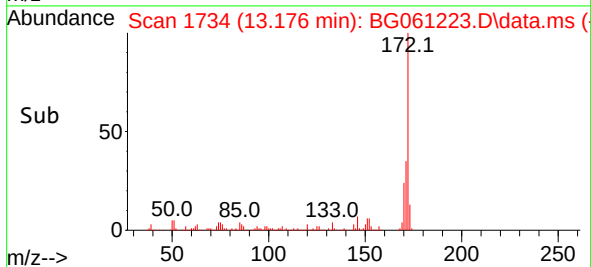
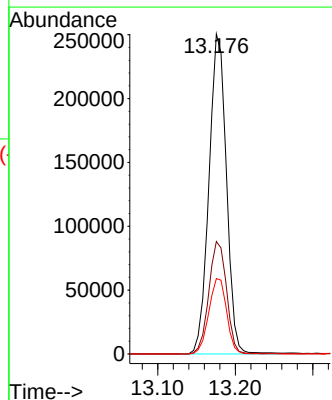
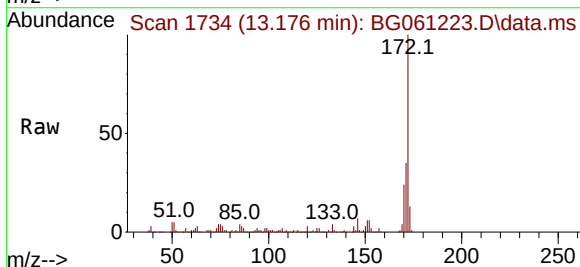
Instrument :
 BNA_G
 ClientSampleId :
 WC-1-COMP

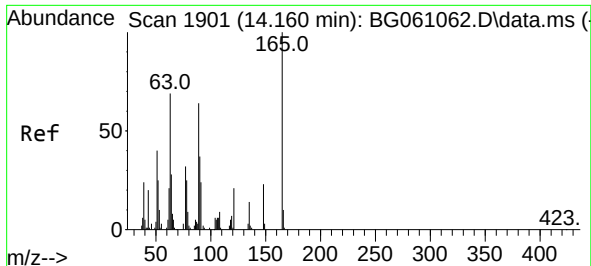
Tgt Ion:330 Resp: 161839
 Ion Ratio Lower Upper
 330 100
 332 96.1 78.6 117.8
 141 26.4 20.5 30.7



#45
 2-Fluorobiphenyl
 Concen: 72.646 ng
 RT: 13.176 min Scan# 1734
 Delta R.T. -0.033 min
 Lab File: BG061223.D
 Acq: 16 May 2024 16:39

Tgt Ion:172 Resp: 392610
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.0 43.6
 170 23.6 20.2 30.4

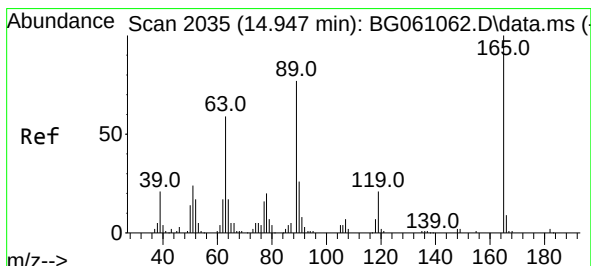
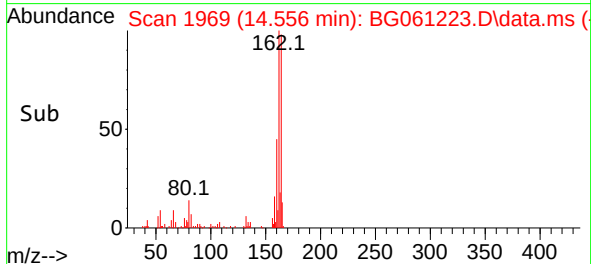
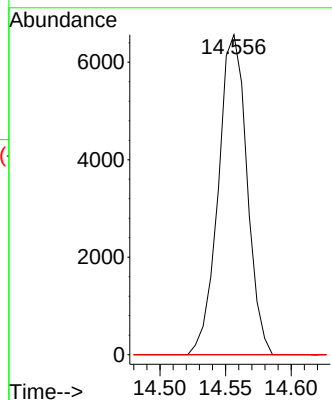
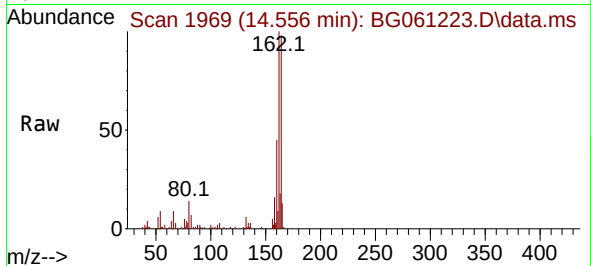




#51
2,6-Dinitrotoluene
Concen: 7.560 ng
RT: 14.556 min Scan# 1901
Delta R.T. 0.396 min
Lab File: BG061223.D
Acq: 16 May 2024 16:39

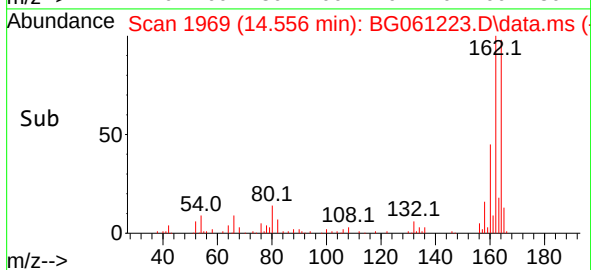
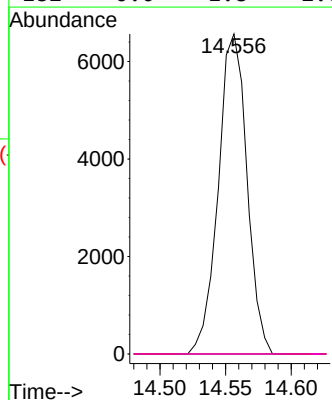
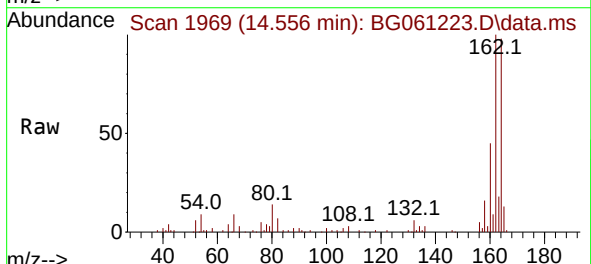
Instrument :
BNA_G
ClientSampleId :
WC-1-COMP

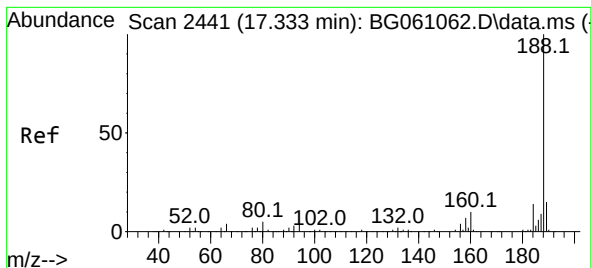
Tgt Ion:165 Resp: 9981
Ion Ratio Lower Upper
165 100
63 0.0 60.0 90.0#
89 0.0 50.9 76.3#



#57
2,4-Dinitrotoluene
Concen: 5.110 ng
RT: 14.556 min Scan# 1969
Delta R.T. -0.391 min
Lab File: BG061223.D
Acq: 16 May 2024 16:39

Tgt Ion:165 Resp: 9981
Ion Ratio Lower Upper
165 100
63 0.0 47.3 70.9#
89 0.0 61.8 92.8#
182 0.0 1.8 2.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.306 min Scan# 2441

Delta R.T. -0.027 min

Lab File: BG061223.D

Acq: 16 May 2024 16:39

Instrument :

BNA_G

ClientSampleId :

WC-1-COMP

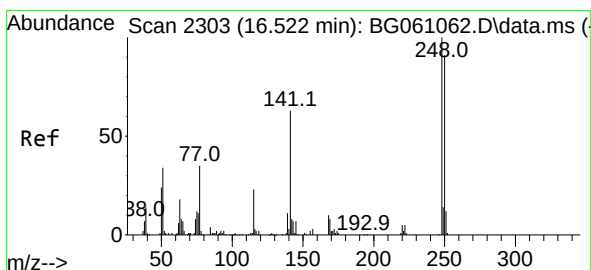
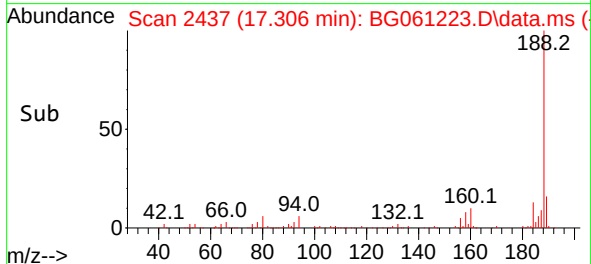
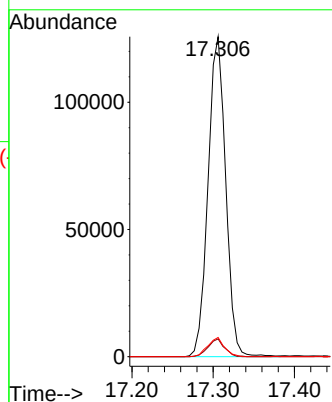
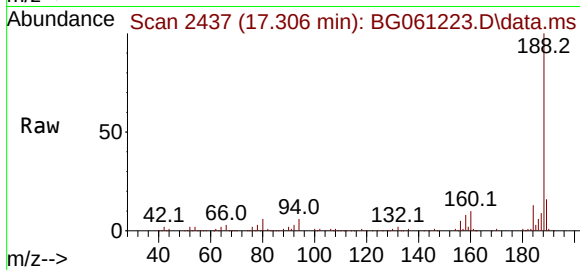
Tgt Ion:188 Resp: 189468

Ion Ratio Lower Upper

188 100

94 5.5 3.6 5.4#

80 6.0 4.2 6.2



#67

4-Bromophenyl-phenylether

Concen: 4.449 ng

RT: 16.049 min Scan# 2223

Delta R.T. -0.473 min

Lab File: BG061223.D

Acq: 16 May 2024 16:39

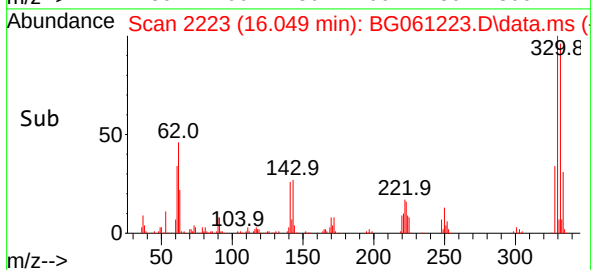
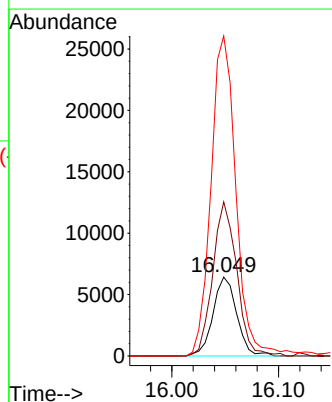
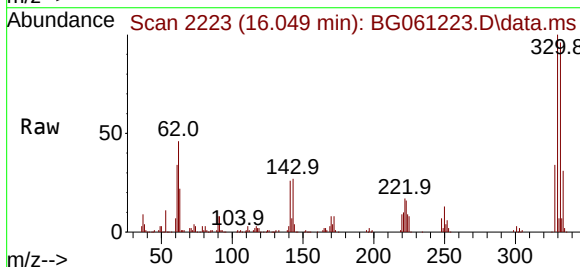
Tgt Ion:248 Resp: 9930

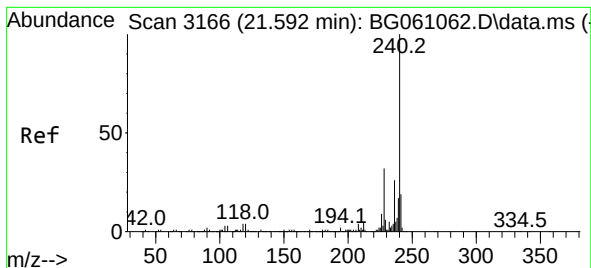
Ion Ratio Lower Upper

248 100

250 195.4 73.0 109.4#

141 405.7 50.8 76.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.560 min Scan# 3166

Delta R.T. -0.033 min

Lab File: BG061223.D

Acq: 16 May 2024 16:39

Instrument :

BNA_G

ClientSampleId :

WC-1-COMP

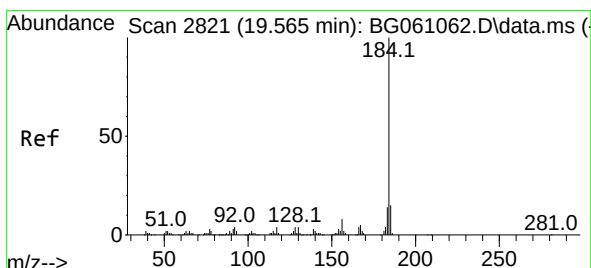
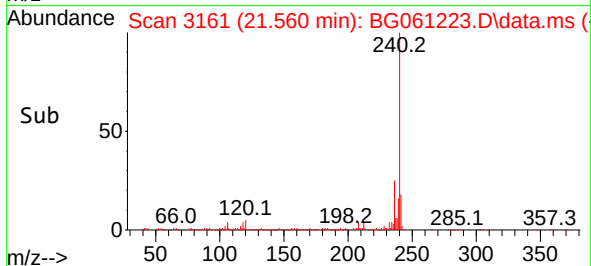
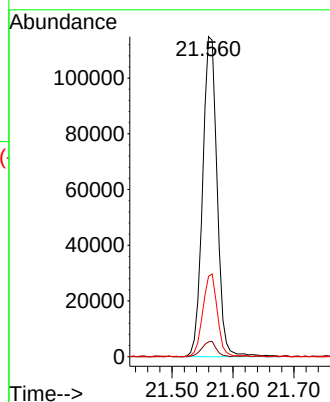
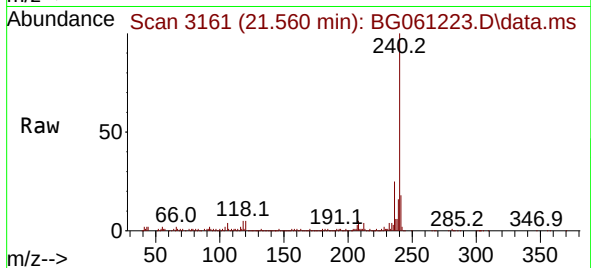
Tgt Ion:240 Resp: 190047

Ion Ratio Lower Upper

240 100

120 4.7 3.2 4.8

236 25.1 21.0 31.6



#77

Benzidine

Concen: 2.976 ng

RT: 19.286 min Scan# 2774

Delta R.T. -0.279 min

Lab File: BG061223.D

Acq: 16 May 2024 16:39

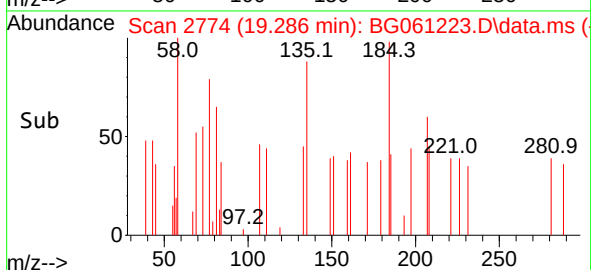
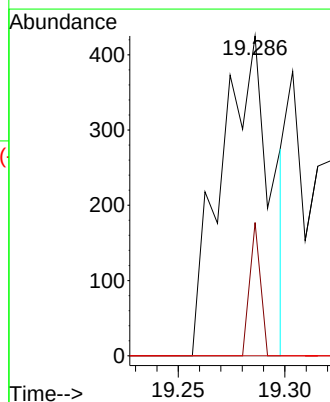
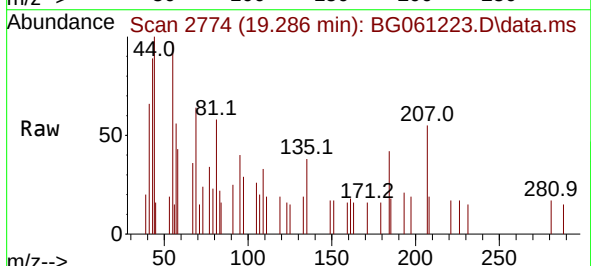
Tgt Ion:184 Resp: 692

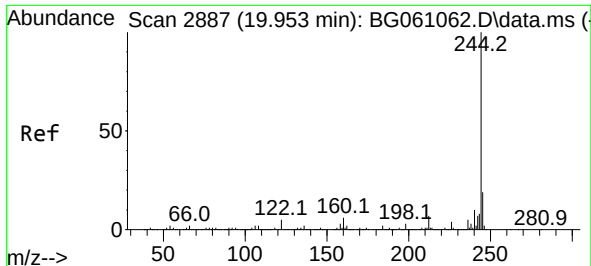
Ion Ratio Lower Upper

184 100

185 41.6 12.0 18.0#

183 0.0 10.9 16.3#

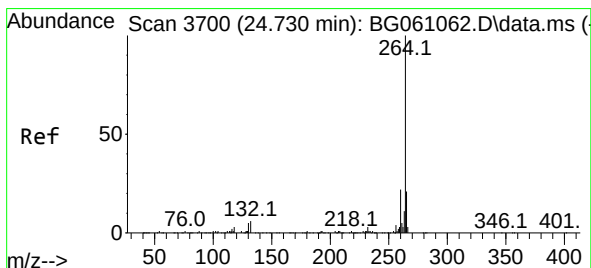
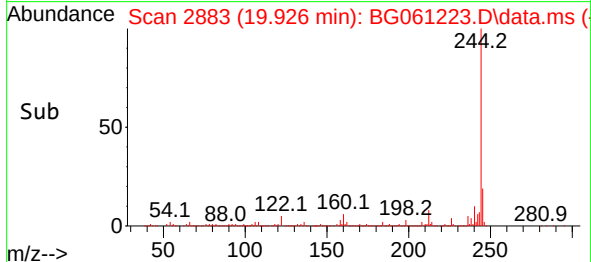
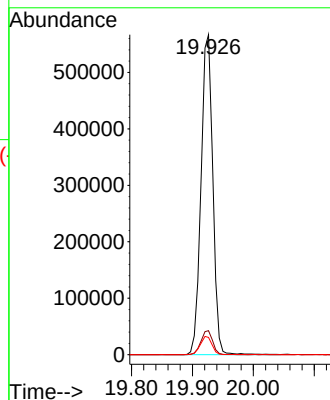
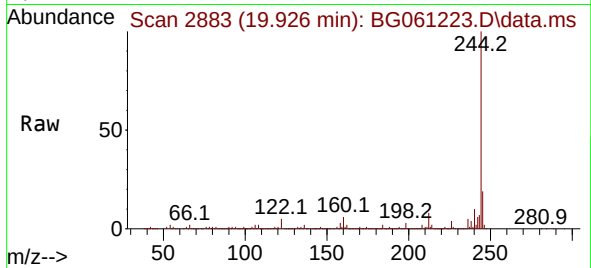




#79
Terphenyl-d14
Concen: 66.561 ng
RT: 19.926 min Scan# 21
Delta R.T. -0.027 min
Lab File: BG061223.D
Acq: 16 May 2024 16:39

Instrument :
BNA_G
ClientSampleId :
WC-1-COMP

Tgt Ion:244 Resp: 760595
Ion Ratio Lower Upper
244 100
212 7.5 5.7 8.5
122 5.4 4.2 6.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.680 min Scan# 3692
Delta R.T. -0.050 min
Lab File: BG061223.D
Acq: 16 May 2024 16:39

Tgt Ion:264 Resp: 226902
Ion Ratio Lower Upper
264 100
260 23.3 17.7 26.5
265 22.7 16.4 24.6

