

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051324\
 Data File : BG061176.D
 Acq On : 13 May 2024 15:24
 Operator : MA/JU
 Sample : P2430-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 1011UMR-SS001-1224-01

Quant Time: May 13 16:05:42 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)

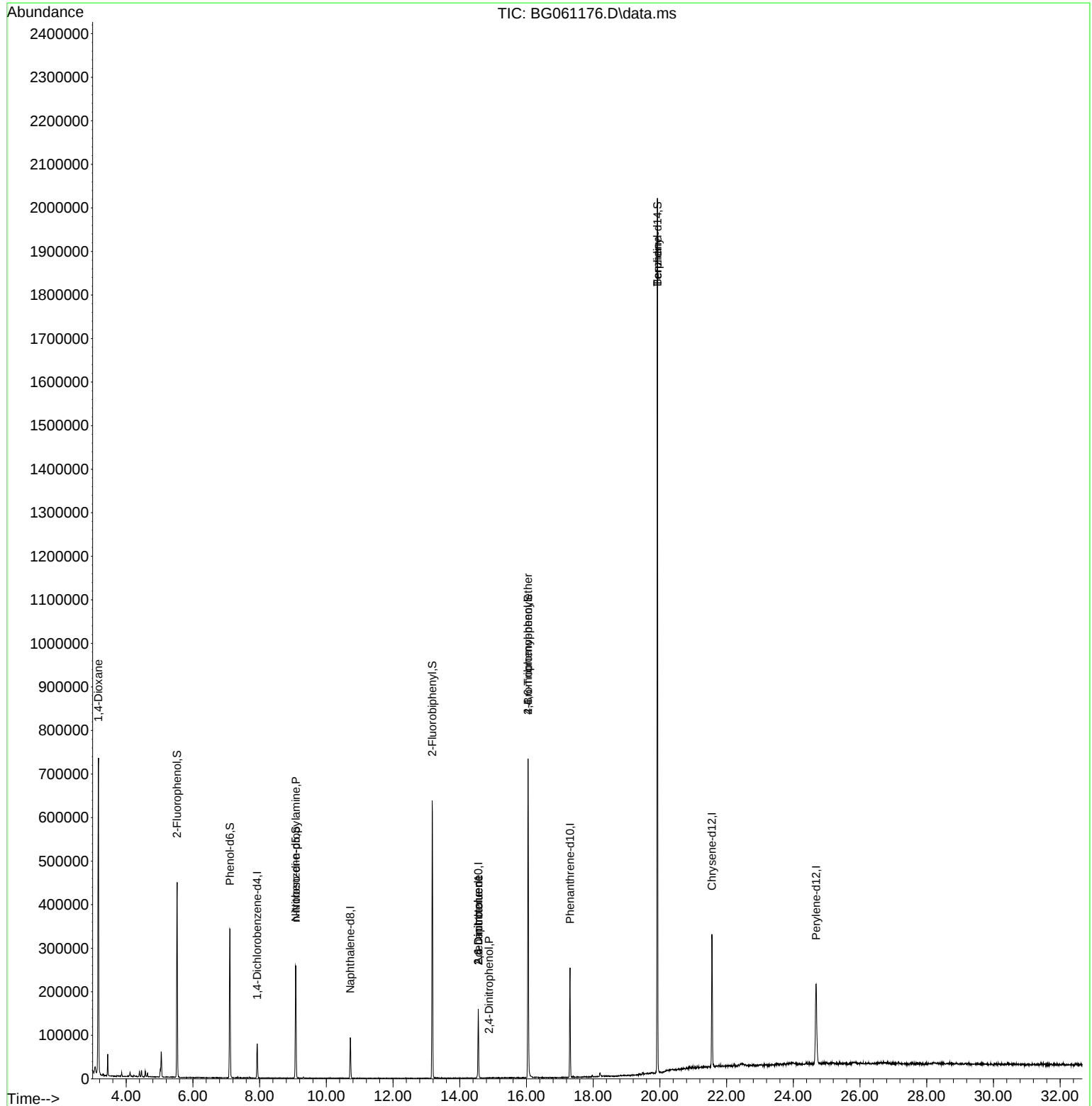
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	20541	20.000	ng	-0.03
21) Naphthalene-d8	10.720	136	72077	20.000	ng	#-0.04
39) Acenaphthene-d10	14.557	164	56351	20.000	ng	-0.03
64) Phenanthrene-d10	17.306	188	158972	20.000	ng	-0.03
76) Chrysene-d12	21.560	240	190442	20.000	ng	-0.03
86) Perylene-d12	24.686	264	216995	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	153125	151.607	ng	-0.02
7) Phenol-d6	7.112	99	155284	103.929	ng	-0.02
23) Nitrobenzene-d5	9.081	82	133528	91.836	ng	-0.04
42) 2,4,6-Tribromophenol	16.049	330	159241	141.377	ng	-0.03
45) 2-Fluorobiphenyl	13.176	172	332738	87.314	ng	-0.03
79) Terphenyl-d14	19.927	244	998191	87.173	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.164	88	5403	13.230	ng	# 1
9) Benzaldehyde	7.107	77	428	Below Cal		# 3
19) n-Nitroso-di-n-propyla...	9.087	70	19899	17.796	ng	# 60
51) 2,6-Dinitrotoluene	14.557	165	7612	8.176	ng	# 15
54) 2,4-Dinitrophenol	14.880	184	69	2.309	ng	# 11
57) 2,4-Dinitrotoluene	14.557	165	7612	5.526	ng	# 17
67) 4-Bromophenyl-phenylether	16.049	248	10057	5.370	ng	# 1
77) Benzidine	19.927	184	14852	6.655	ng	# 92

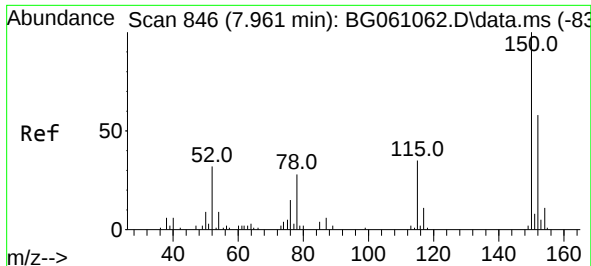
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051324\
Data File : BG061176.D
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Misc :
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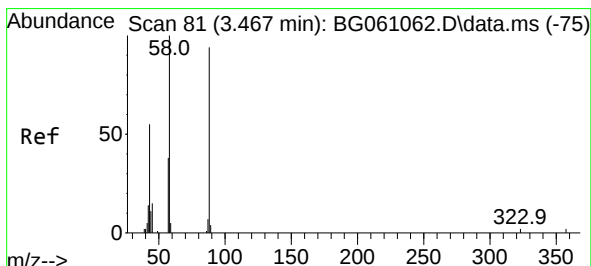
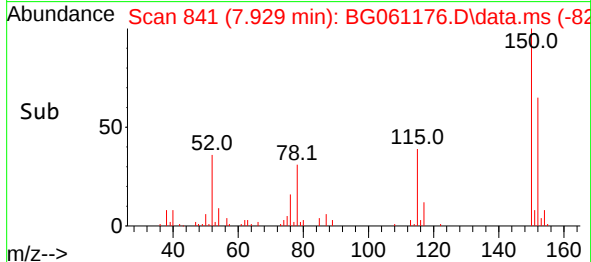
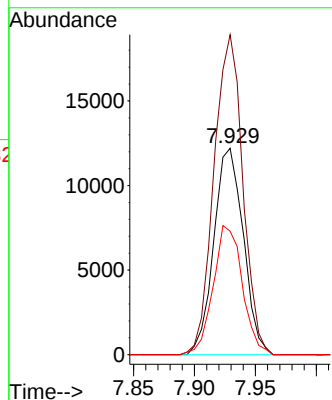
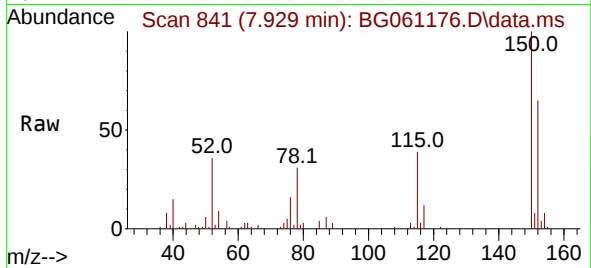




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.929 min Scan# 84
Delta R.T. -0.032 min
Lab File: BG061176.D
Acq: 13 May 2024 15:24

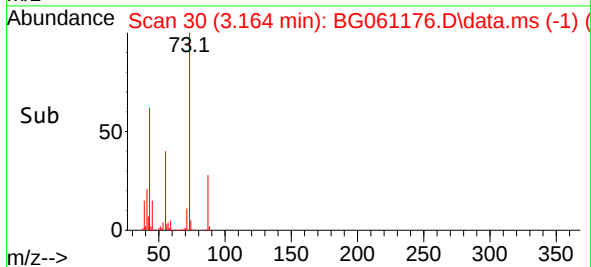
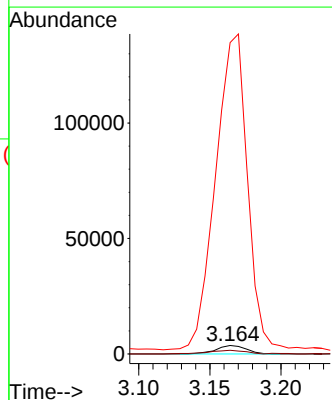
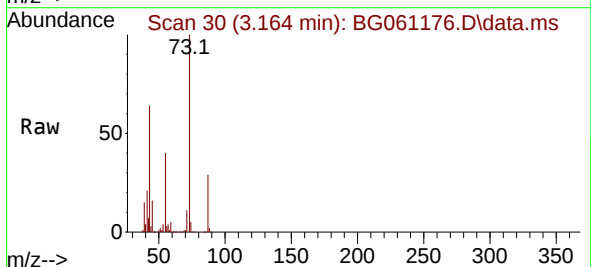
Instrument :
BNA_G
ClientSampleId :
1011UMR-SS001-1224-01

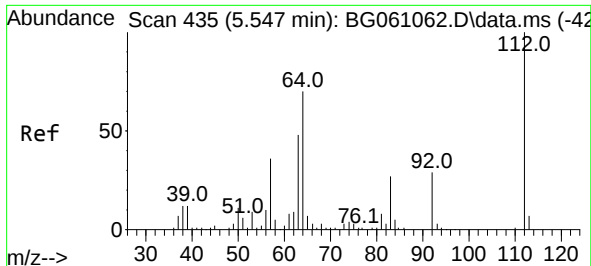
Tgt Ion:152 Resp: 20541
Ion Ratio Lower Upper
152 100
150 155.0 138.3 207.5
115 59.9 48.0 72.0



#2
1,4-Dioxane
Concen: 13.230 ng
RT: 3.164 min Scan# 30
Delta R.T. -0.302 min
Lab File: BG061176.D
Acq: 13 May 2024 15:24

Tgt Ion: 88 Resp: 5403
Ion Ratio Lower Upper
88 100
58 53.1 81.2 121.8#
43 3989.5 45.0 67.4#

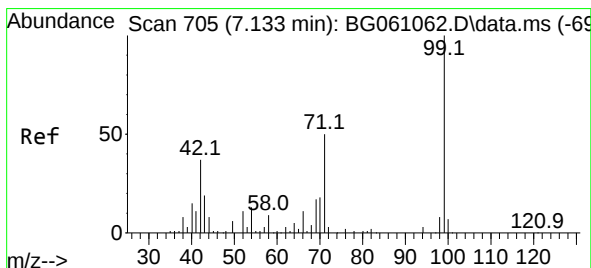
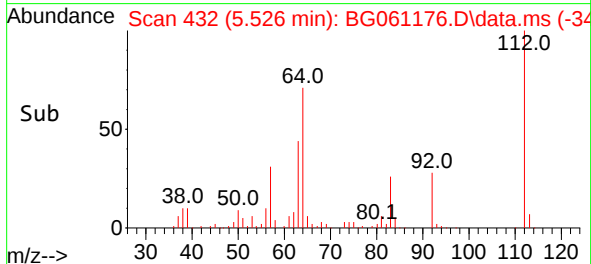
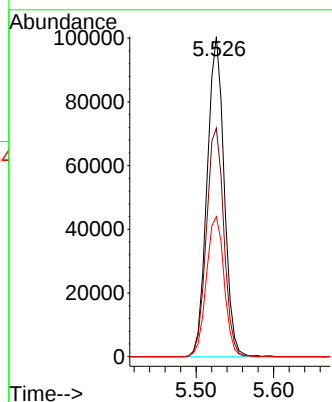
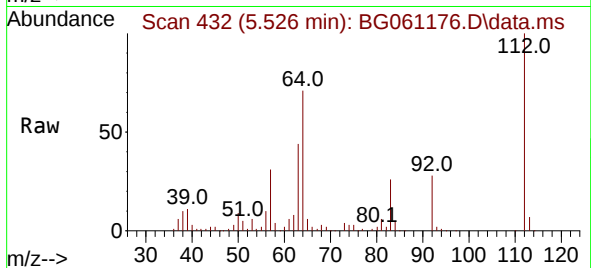




#5
2-Fluorophenol
Concen: 151.607 ng
RT: 5.526 min Scan# 41
Delta R.T. -0.020 min
Lab File: BG061176.D
Acq: 13 May 2024 15:24

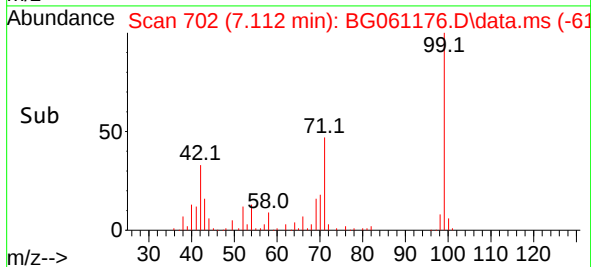
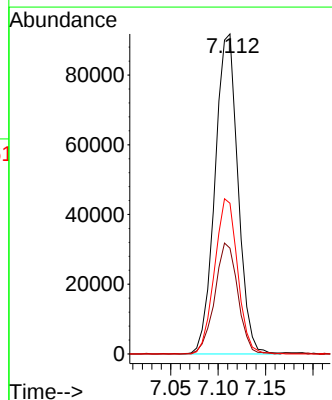
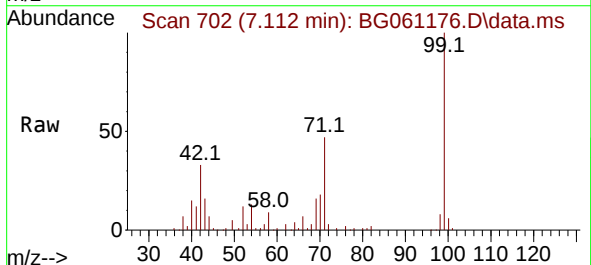
Instrument :
BNA_G
ClientSampleId :
1011UMR-SS001-1224-01

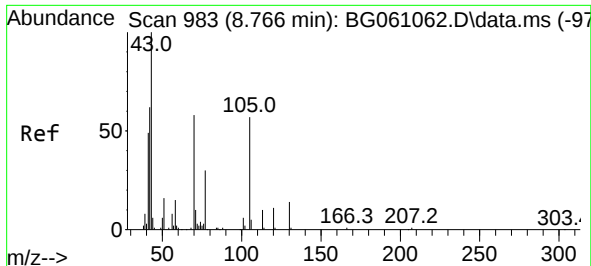
Tgt Ion:112 Resp: 153125
Ion Ratio Lower Upper
112 100
64 71.4 55.7 83.5
63 43.7 38.1 57.1



#7
Phenol-d6
Concen: 103.929 ng
RT: 7.112 min Scan# 702
Delta R.T. -0.020 min
Lab File: BG061176.D
Acq: 13 May 2024 15:24

Tgt Ion: 99 Resp: 155284
Ion Ratio Lower Upper
99 100
42 33.0 29.2 43.8
71 47.1 39.7 59.5

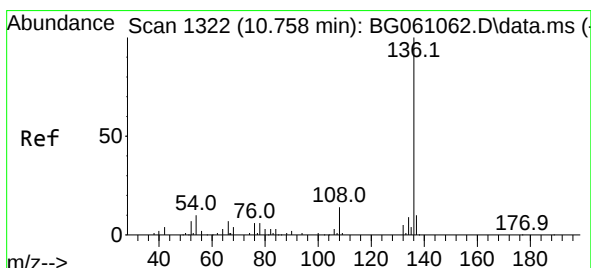
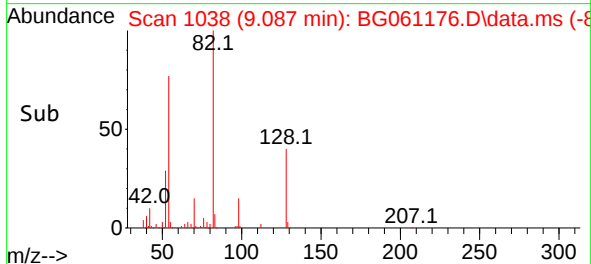
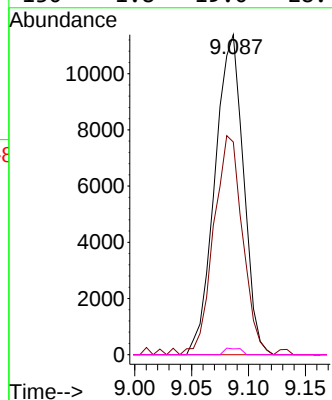
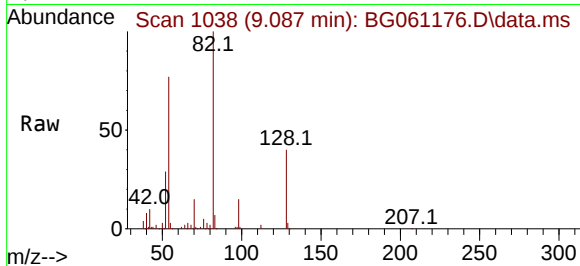




#19
n-Nitroso-di-n-propylamine
Concen: 17.796 ng
RT: 9.087 min Scan# 1038
Delta R.T. 0.320 min
Lab File: BG061176.D
Acq: 13 May 2024 15:24

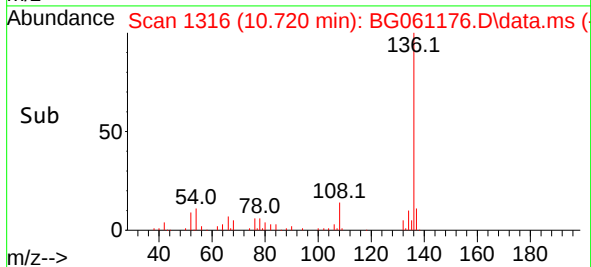
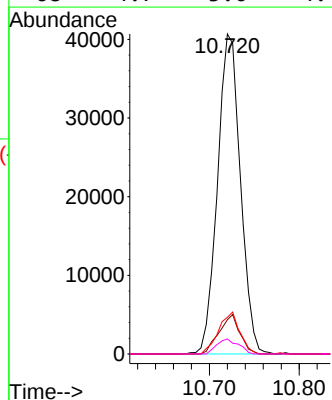
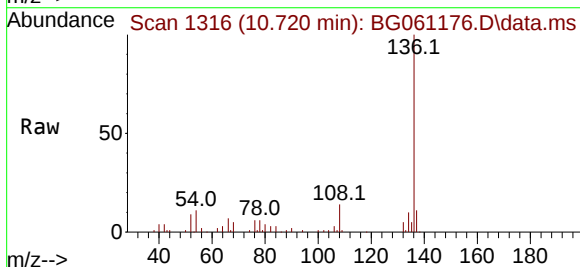
Instrument :
BNA_G
ClientSampleId :
1011UMR-SS001-1224-01

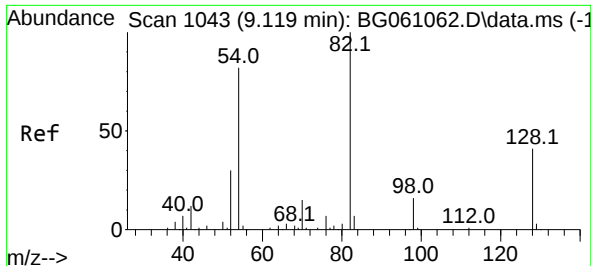
Tgt Ion: 70 Resp: 19899
Ion Ratio Lower Upper
70 100
42 66.4 86.4 129.6#
101 0.0 7.8 11.8#
130 1.8 19.0 28.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.720 min Scan# 1316
Delta R.T. -0.038 min
Lab File: BG061176.D
Acq: 13 May 2024 15:24

Tgt Ion: 136 Resp: 72077
Ion Ratio Lower Upper
136 100
137 10.7 7.8 11.6
54 11.4 8.1 12.1
68 4.7 3.0 4.4#





#23

Nitrobenzene-d5

Concen: 91.836 ng

RT: 9.081 min Scan# 1

Delta R.T. -0.038 min

Lab File: BG061176.D

Acq: 13 May 2024 15:24

Instrument :

BNA_G

ClientSampleId :

1011UMR-SS001-1224-01

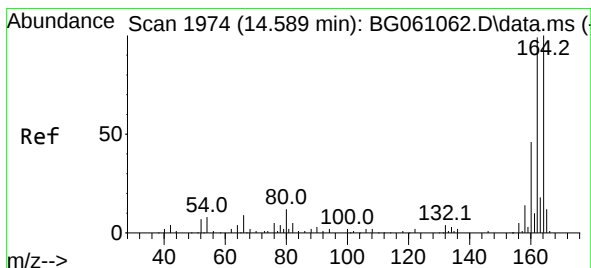
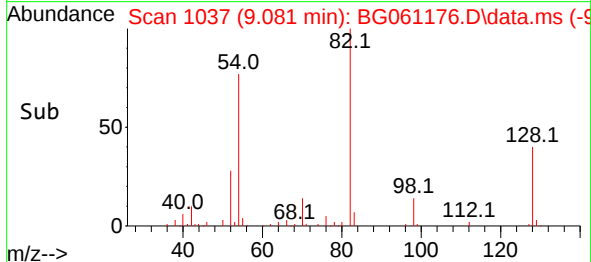
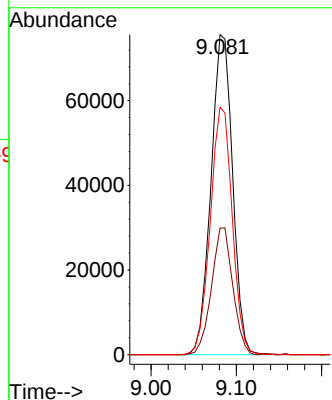
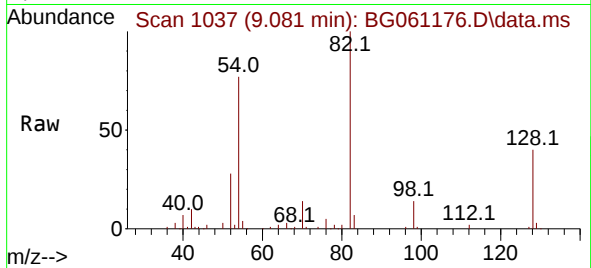
Tgt Ion: 82 Resp: 133528

Ion Ratio Lower Upper

82 100

128 39.5 32.7 49.1

54 77.3 65.6 98.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.557 min Scan# 1969

Delta R.T. -0.032 min

Lab File: BG061176.D

Acq: 13 May 2024 15:24

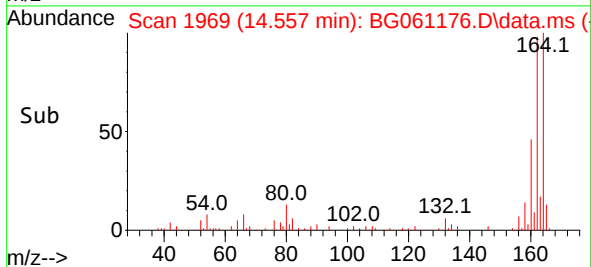
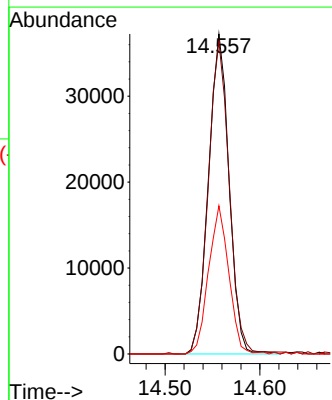
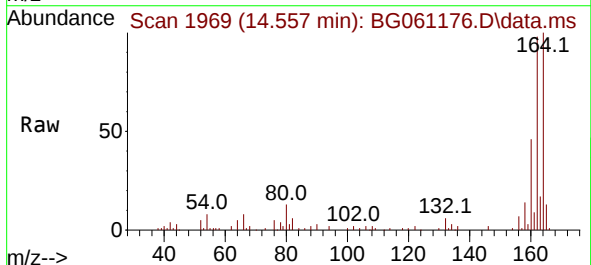
Tgt Ion:164 Resp: 56351

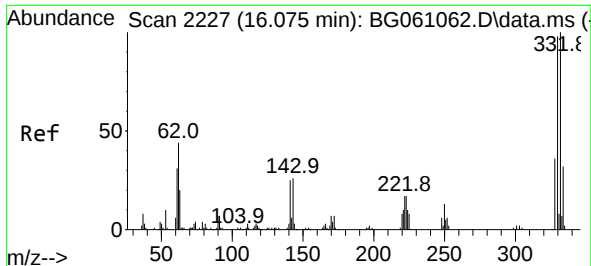
Ion Ratio Lower Upper

164 100

162 97.6 79.4 119.2

160 46.3 37.0 55.6





#42

2,4,6-Tribromophenol

Concen: 141.377 ng

RT: 16.049 min Scan# 21

Delta R.T. -0.026 min

Lab File: BG061176.D

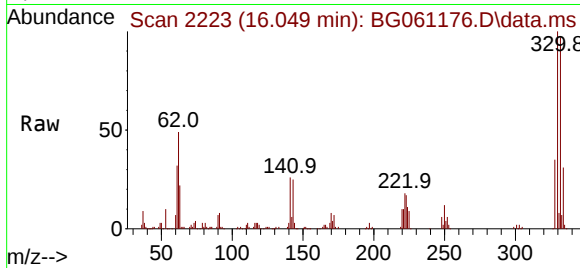
Acq: 13 May 2024 15:24

Instrument :

BNA_G

ClientSampleId :

1011UMR-SS001-1224-01



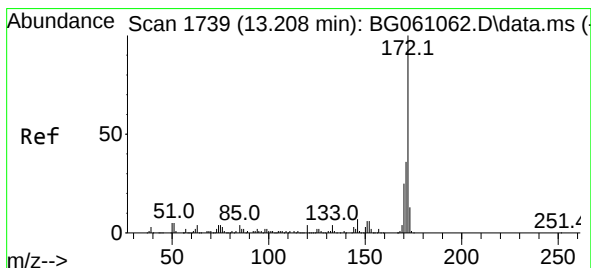
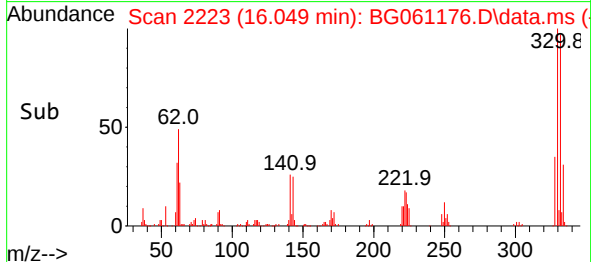
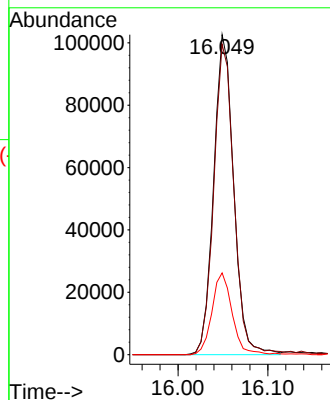
Tgt Ion:330 Resp: 159241

Ion Ratio Lower Upper

330 100

332 97.6 78.6 117.8

141 26.0 20.5 30.7



#45

2-Fluorobiphenyl

Concen: 87.314 ng

RT: 13.176 min Scan# 1734

Delta R.T. -0.032 min

Lab File: BG061176.D

Acq: 13 May 2024 15:24

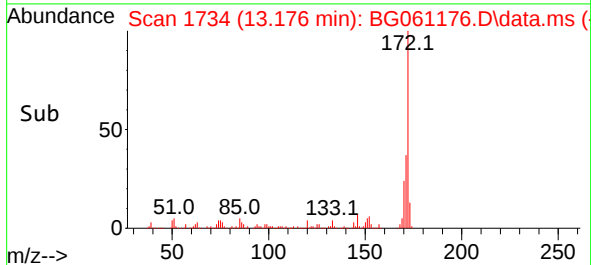
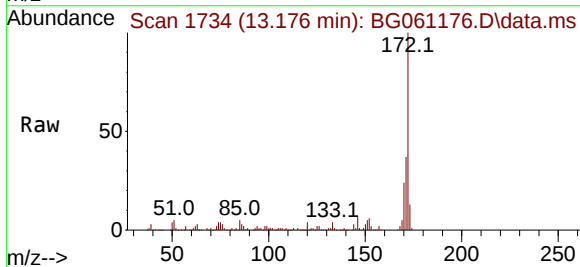
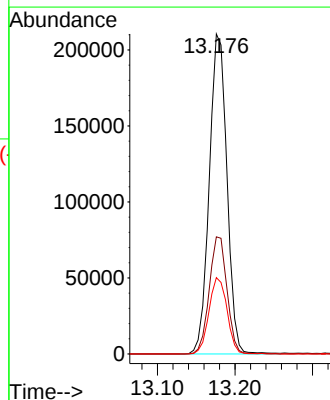
Tgt Ion:172 Resp: 332738

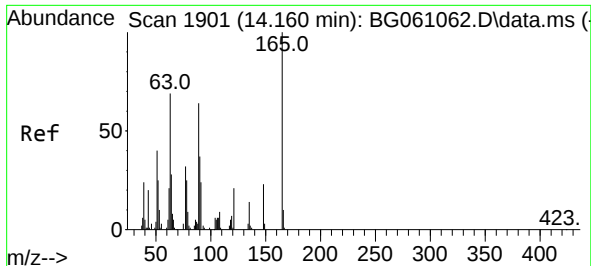
Ion Ratio Lower Upper

172 100

171 36.6 29.0 43.6

170 23.8 20.2 30.4

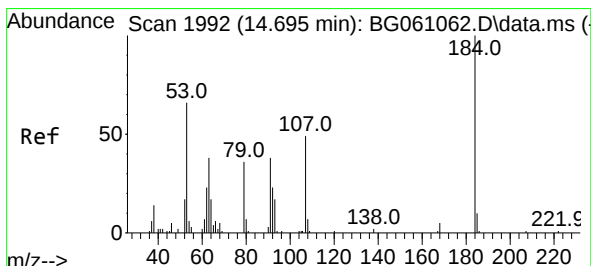
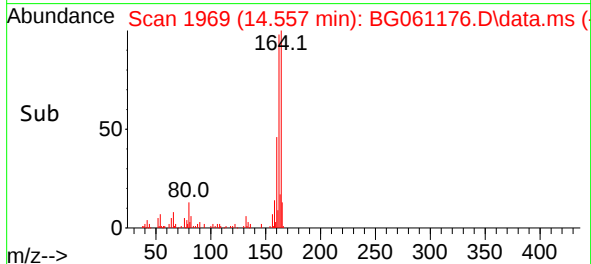
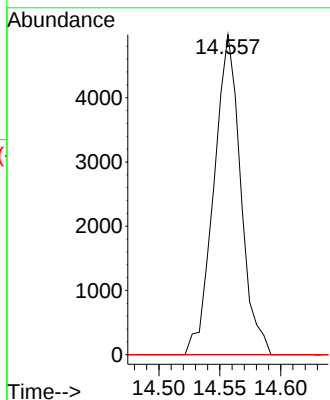
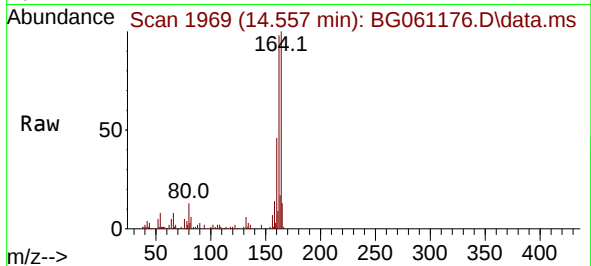




#51
2,6-Dinitrotoluene
Concen: 8.176 ng
RT: 14.557 min Scan# 1901
Delta R.T. 0.397 min
Lab File: BG061176.D
Acq: 13 May 2024 15:24

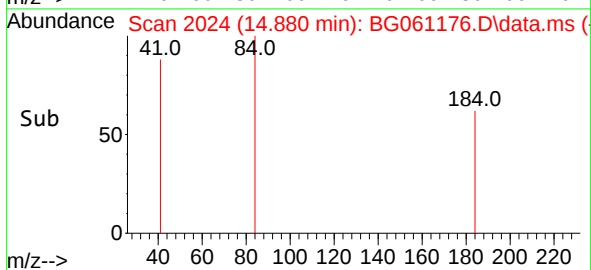
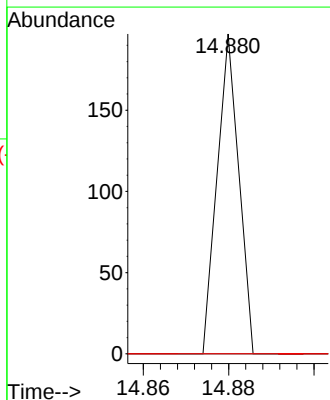
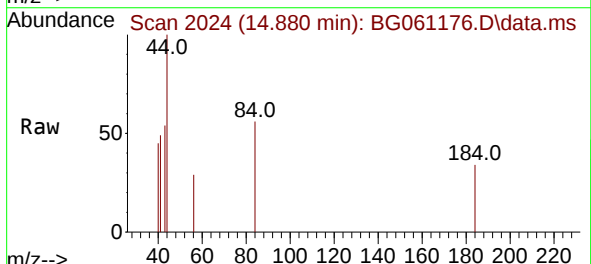
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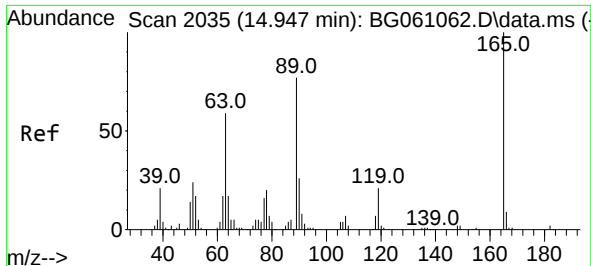
Tgt Ion:165 Resp: 7612
Ion Ratio Lower Upper
165 100
63 0.0 60.0 90.0#
89 0.0 50.9 76.3#



#54
2,4-Dinitrophenol
Concen: 2.309 ng
RT: 14.880 min Scan# 2024
Delta R.T. 0.185 min
Lab File: BG061176.D
Acq: 13 May 2024 15:24

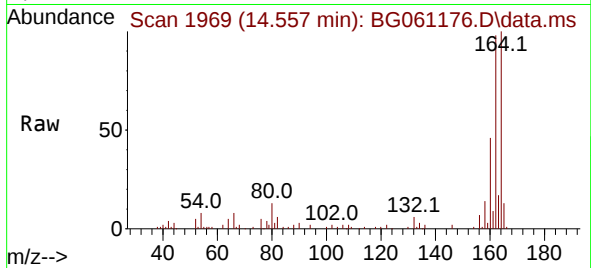
Tgt Ion:184 Resp: 69
Ion Ratio Lower Upper
184 100
63 0.0 62.6 93.8#
154 0.0 61.4 92.0#



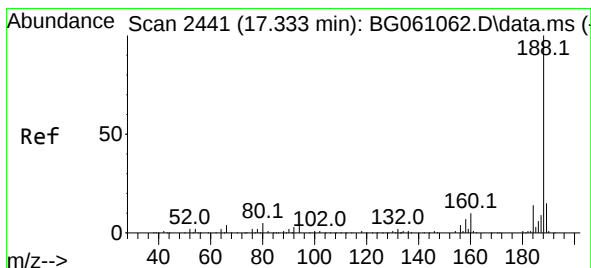
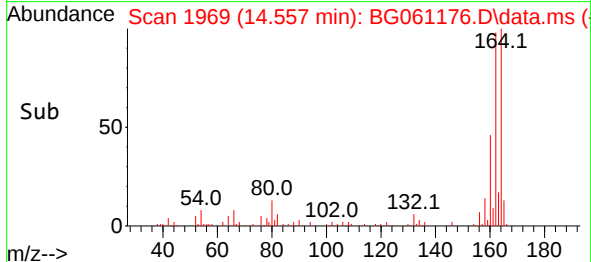
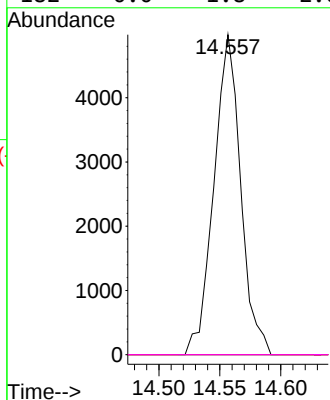


#57
2,4-Dinitrotoluene
Concen: 5.526 ng
RT: 14.557 min Scan# 1969
Delta R.T. -0.391 min
Lab File: BG061176.D
Acq: 13 May 2024 15:24

Instrument :
BNA_G
ClientSampleId :
1011UMR-SS001-1224-01

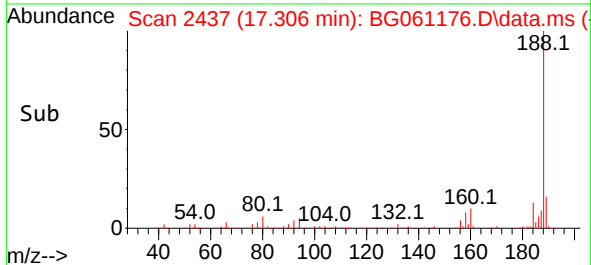
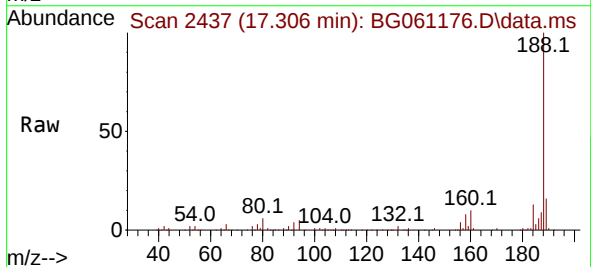
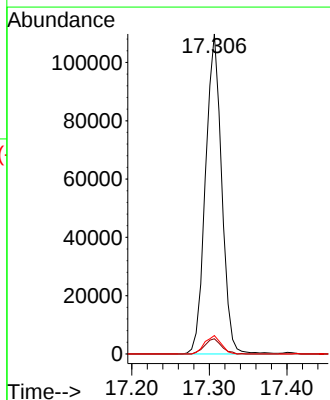


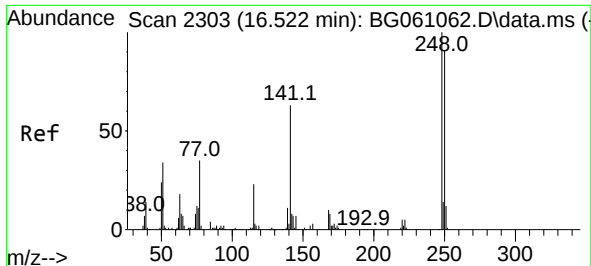
Tgt Ion:	165	Resp:	7612
Ion Ratio	Lower	Upper	
165	100		
63	0.0	47.3	70.9#
89	0.0	61.8	92.8#
182	0.0	1.8	2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.306 min Scan# 2437
Delta R.T. -0.026 min
Lab File: BG061176.D
Acq: 13 May 2024 15:24

Tgt Ion:	188	Resp:	158972
Ion Ratio	Lower	Upper	
188	100		
94	4.8	3.6	5.4
80	5.8	4.2	6.2

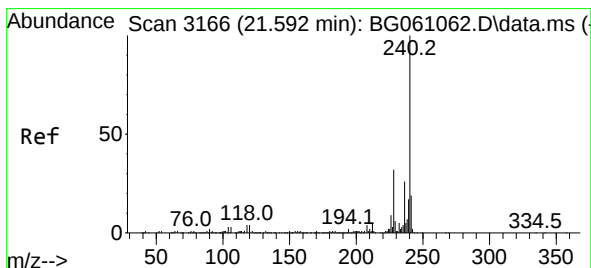
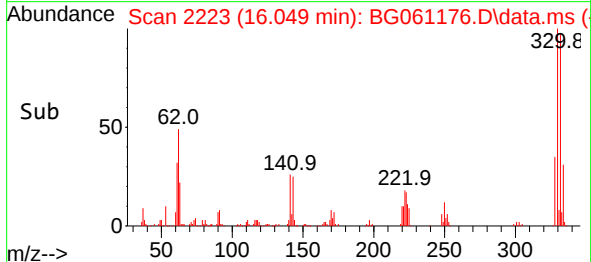
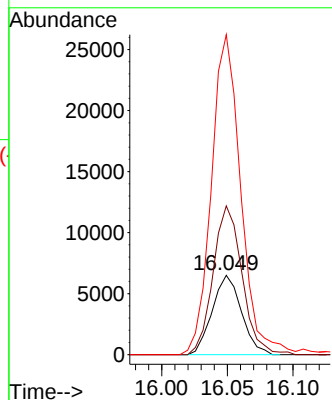
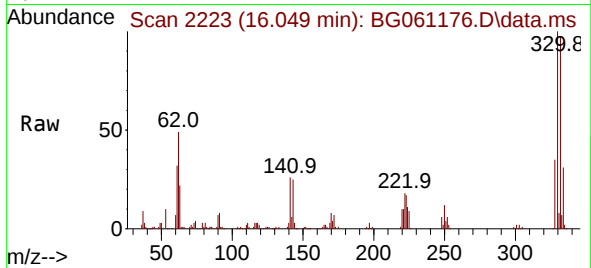




#67
4-Bromophenyl-phenylether
Concen: 5.370 ng
RT: 16.049 min Scan# 211
Delta R.T. -0.473 min
Lab File: BG061176.D
Acq: 13 May 2024 15:24

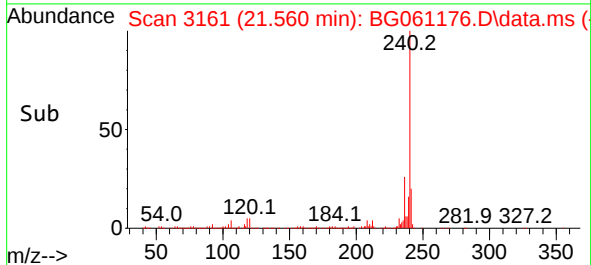
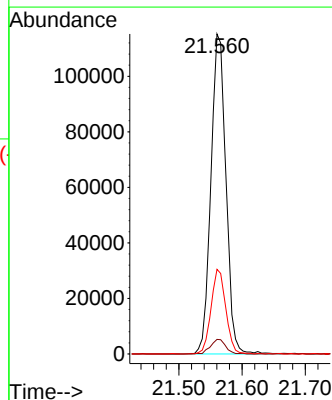
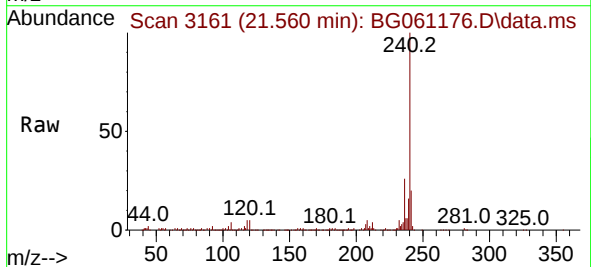
Instrument :
BNA_G
ClientSampleId :
1011UMR-SS001-1224-01

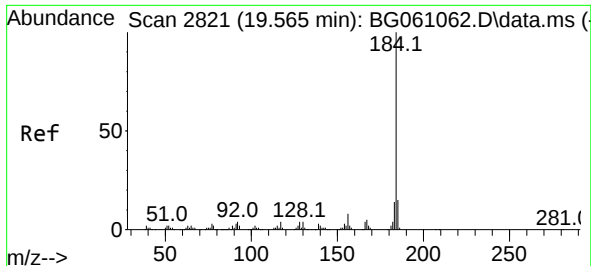
Tgt Ion:248 Resp: 10057
Ion Ratio Lower Upper
248 100
250 187.5 73.0 109.4#
141 403.0 50.8 76.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.560 min Scan# 3161
Delta R.T. -0.032 min
Lab File: BG061176.D
Acq: 13 May 2024 15:24

Tgt Ion:240 Resp: 190442
Ion Ratio Lower Upper
240 100
120 4.6 3.2 4.8
236 26.4 21.0 31.6

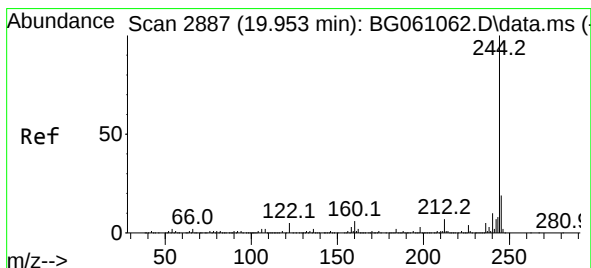
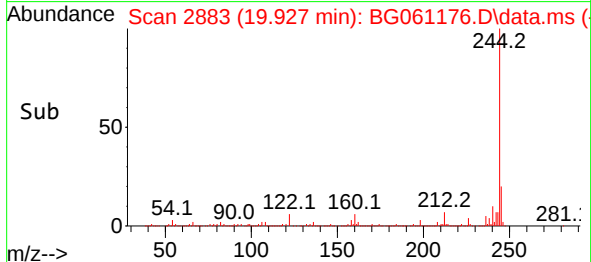
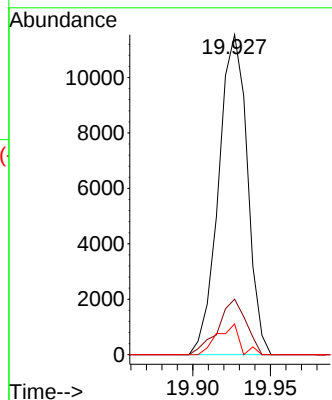
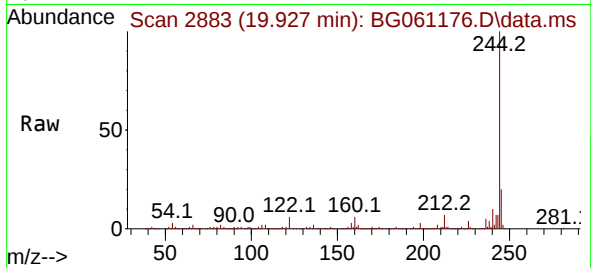




#77
Benzidine
Concen: 6.655 ng
RT: 19.927 min Scan# 2883
Delta R.T. 0.362 min
Lab File: BG061176.D
Acq: 13 May 2024 15:24

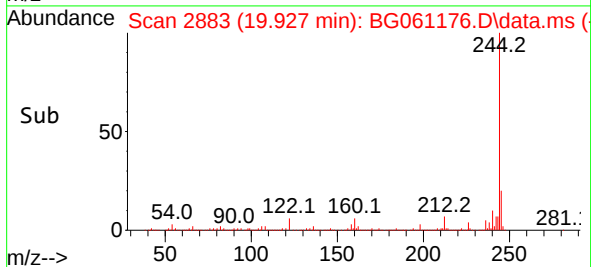
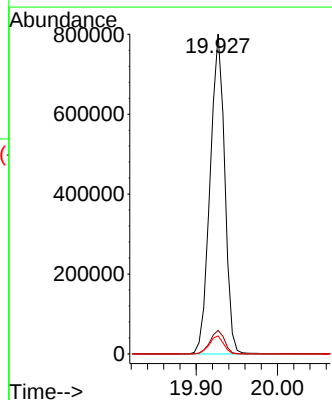
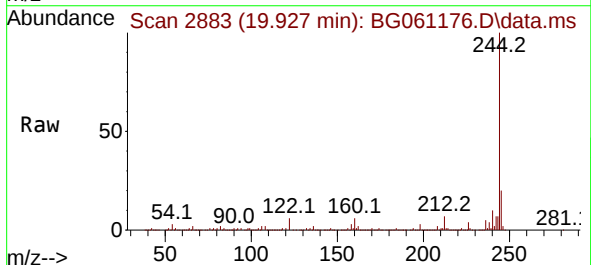
Instrument :
BNA_G
ClientSampleId :
1011UMR-SS001-1224-01

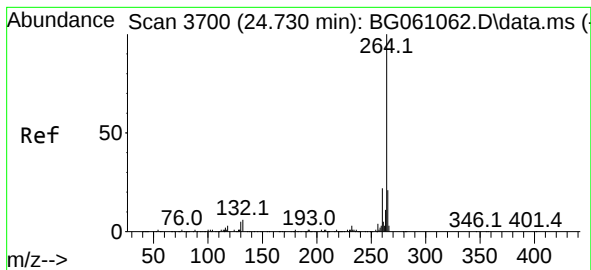
Tgt Ion:184 Resp: 14852
Ion Ratio Lower Upper
184 100
185 17.4 12.0 18.0
183 9.6 10.9 16.3#



#79
Terphenyl-d14
Concen: 87.173 ng
RT: 19.927 min Scan# 2883
Delta R.T. -0.026 min
Lab File: BG061176.D
Acq: 13 May 2024 15:24

Tgt Ion:244 Resp: 998191
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 5.7 4.2 6.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.686 min Scan# 30

Delta R.T. -0.044 min

Lab File: BG061176.D

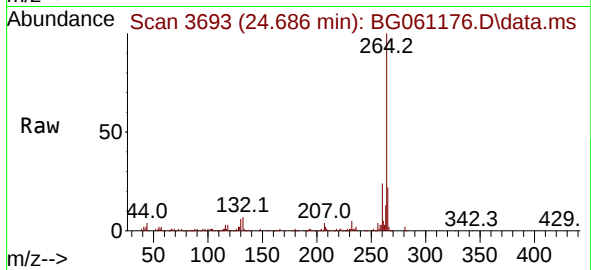
Acq: 13 May 2024 15:24

Instrument :

BNA_G

ClientSampleId :

1011UMR-SS001-1224-01



Tgt Ion:264 Resp: 216995

Ion Ratio Lower Upper

264 100

260 23.9 17.7 26.5

265 21.6 16.4 24.6

