

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050724\
 Data File : BG061132.D
 Acq On : 7 May 2024 15:09
 Operator : MA/JU
 Sample : P2395-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-DRIVEWAY

Quant Time: May 07 15:56:03 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)

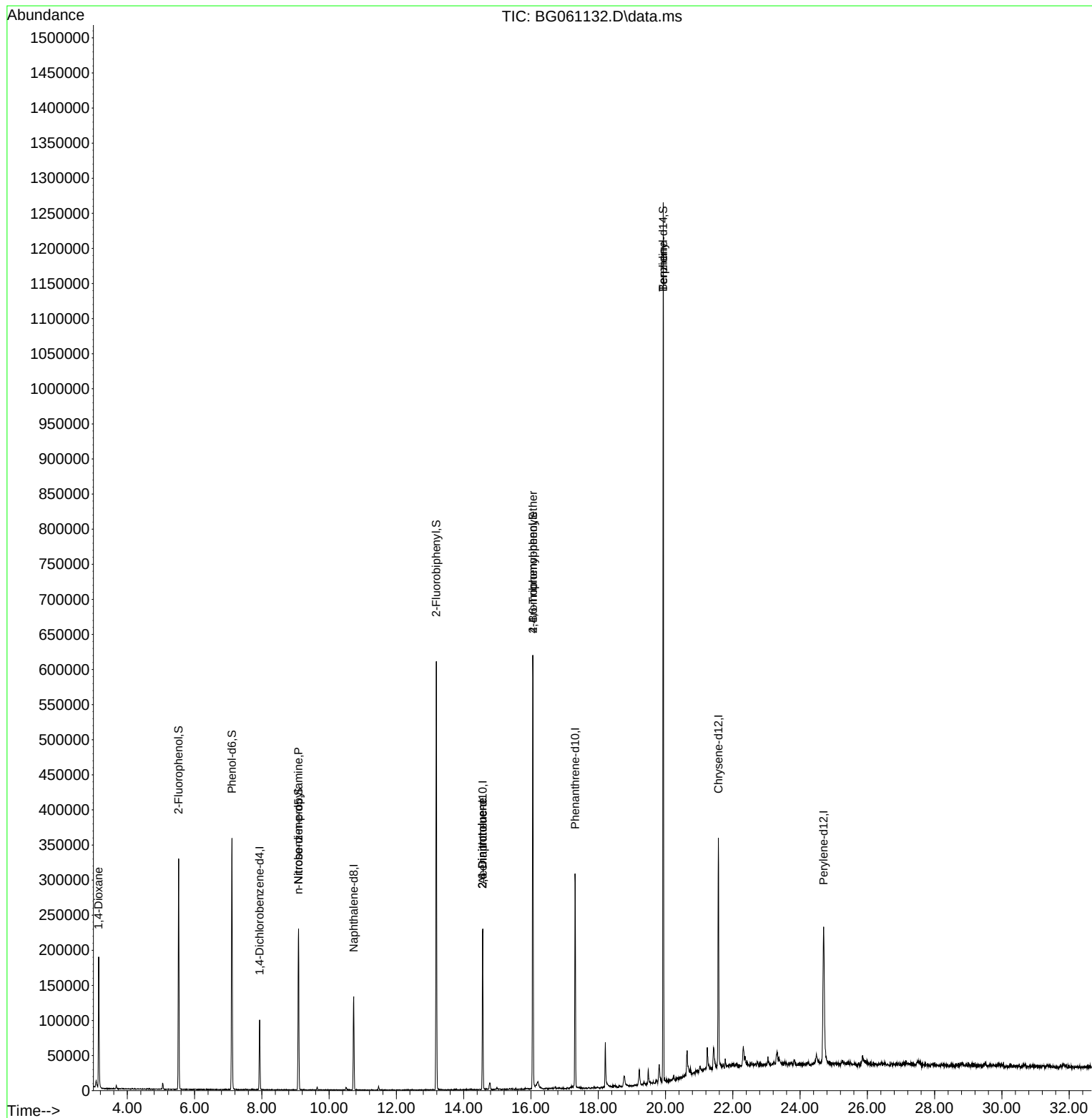
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	24562	20.000	ng	-0.03
21) Naphthalene-d8	10.731	136	102512	20.000	ng	-0.03
39) Acenaphthene-d10	14.567	164	86131	20.000	ng	-0.02
64) Phenanthrene-d10	17.311	188	199422	20.000	ng	-0.02
76) Chrysene-d12	21.571	240	198079	20.000	ng	-0.02
86) Perylene-d12	24.697	264	241397	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.525	112	114263	94.610	ng	-0.02
7) Phenol-d6	7.111	99	162008	90.679	ng	-0.02
23) Nitrobenzene-d5	9.091	82	114478	55.359	ng	-0.03
42) 2,4,6-Tribromophenol	16.060	330	142554	82.803	ng	-0.02
45) 2-Fluorobiphenyl	13.187	172	316578	54.351	ng	-0.02
79) Terphenyl-d14	19.932	244	633501	53.191	ng	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.146	88	1423	2.914	ng	# 1
9) Benzaldehyde	7.123	77	410	Below Cal		# 3
19) n-Nitroso-di-n-propyla...	9.086	70	17132	12.813	ng	# 64
51) 2,6-Dinitrotoluene	14.562	165	11143	7.831	ng	# 16
57) 2,4-Dinitrotoluene	14.562	165	11143	5.293	ng	# 18
67) 4-Bromophenyl-phenylether	16.060	248	8803	3.747	ng	# 1
77) Benzidine	19.932	184	9565	5.185	ng	# 89

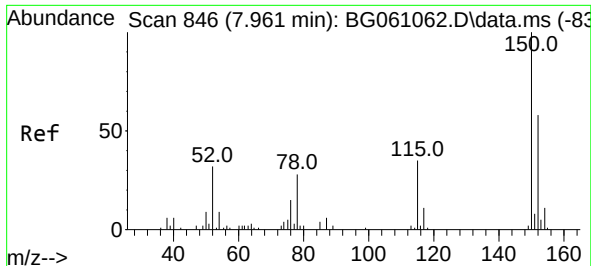
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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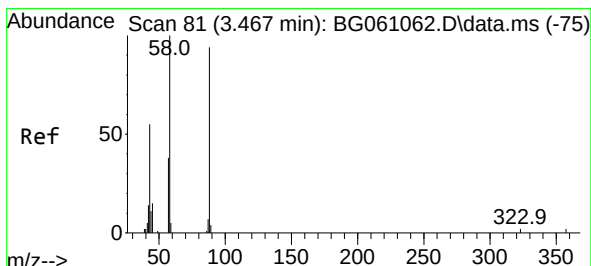
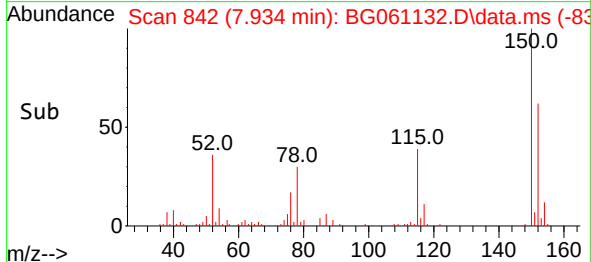
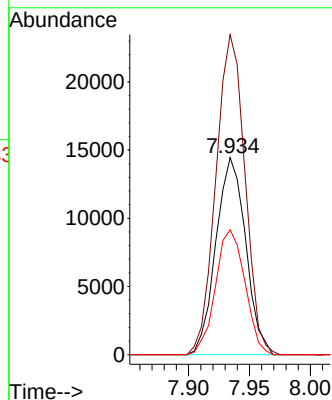
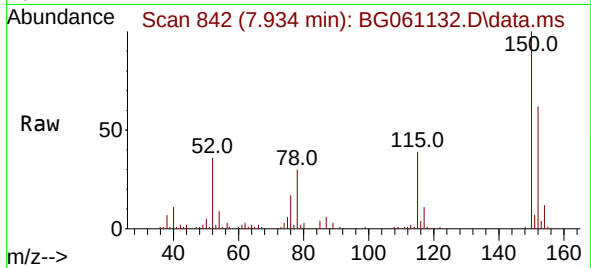




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.934 min Scan# 84
 Delta R.T. -0.027 min
 Lab File: BG061132.D
 Acq: 7 May 2024 15:09

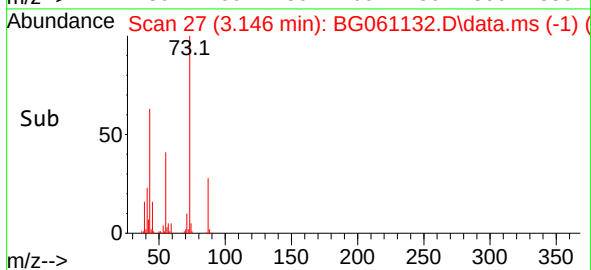
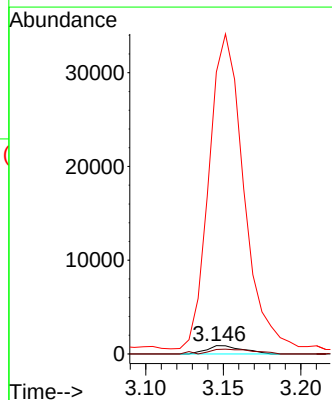
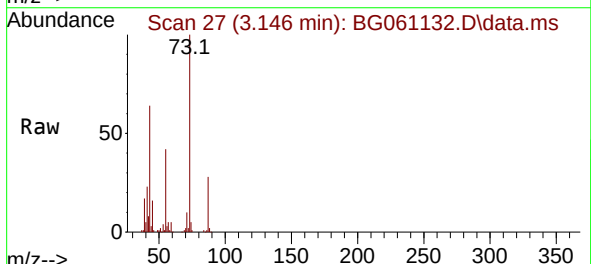
Instrument :
 BNA_G
 ClientSampleId :
 SP-DRIVEWAY

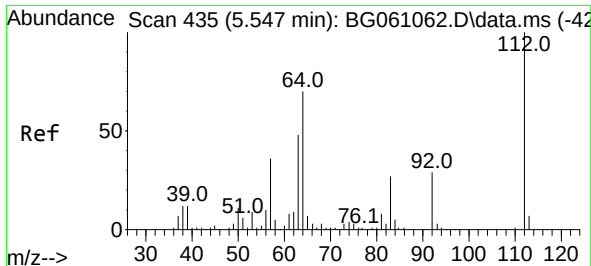
Tgt Ion:152 Resp: 24562
 Ion Ratio Lower Upper
 152 100
 150 162.3 138.3 207.5
 115 63.3 48.0 72.0



#2
 1,4-Dioxane
 Concen: 2.914 ng
 RT: 3.146 min Scan# 27
 Delta R.T. -0.321 min
 Lab File: BG061132.D
 Acq: 7 May 2024 15:09

Tgt Ion: 88 Resp: 1423
 Ion Ratio Lower Upper
 88 100
 58 75.5 81.2 121.8#
 43 3738.9 45.0 67.4#

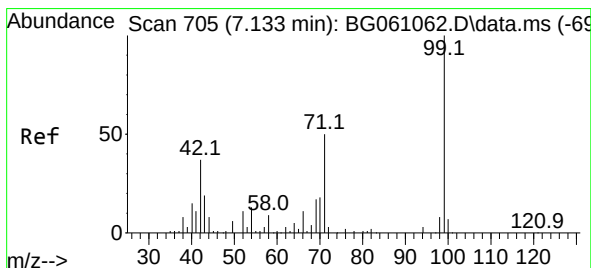
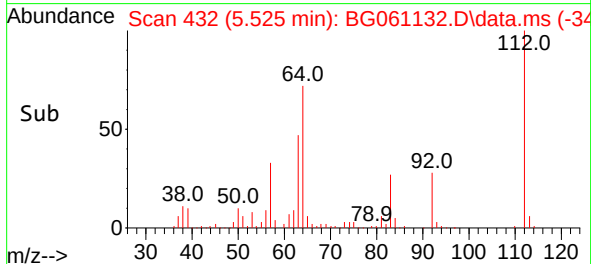
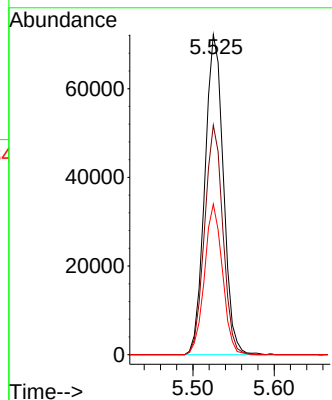
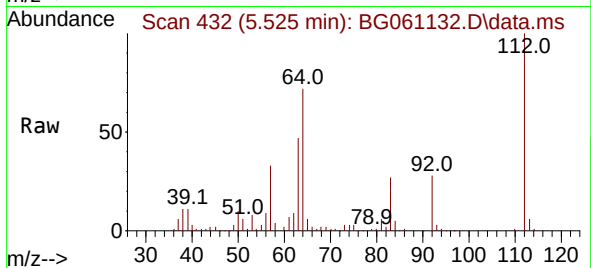




#5
2-Fluorophenol
Concen: 94.610 ng
RT: 5.525 min Scan# 41
Delta R.T. -0.021 min
Lab File: BG061132.D
Acq: 7 May 2024 15:09

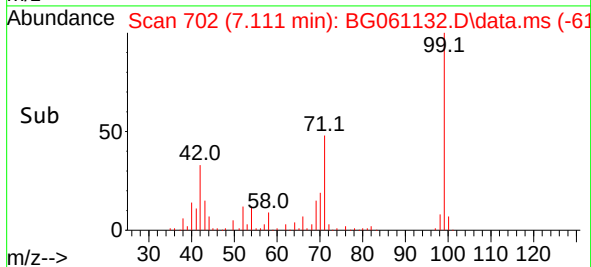
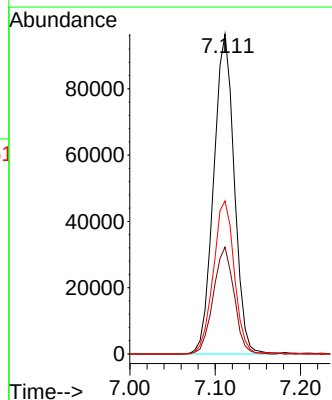
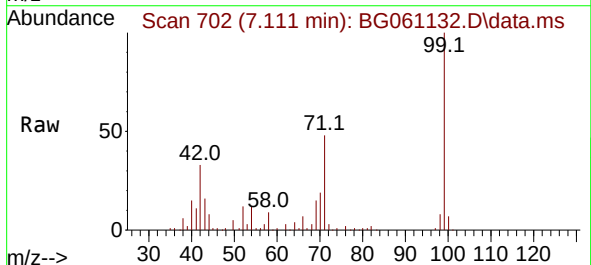
Instrument :
BNA_G
ClientSampleId :
SP-DRIVEWAY

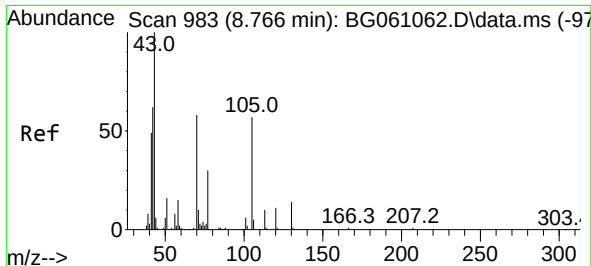
Tgt Ion:112 Resp: 114263
Ion Ratio Lower Upper
112 100
64 71.7 55.7 83.5
63 47.0 38.1 57.1



#7
Phenol-d6
Concen: 90.679 ng
RT: 7.111 min Scan# 702
Delta R.T. -0.021 min
Lab File: BG061132.D
Acq: 7 May 2024 15:09

Tgt Ion: 99 Resp: 162008
Ion Ratio Lower Upper
99 100
42 33.4 29.2 43.8
71 47.9 39.7 59.5

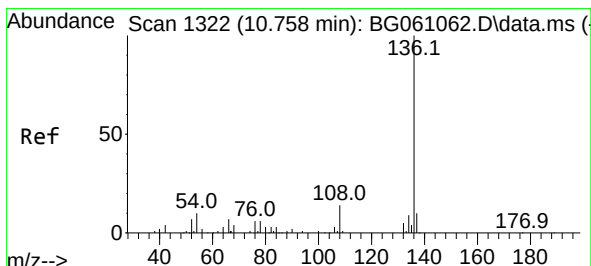
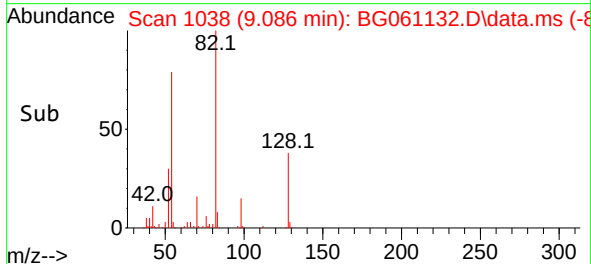
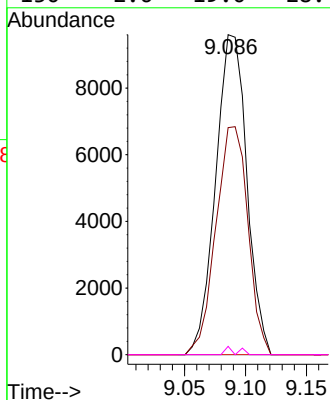
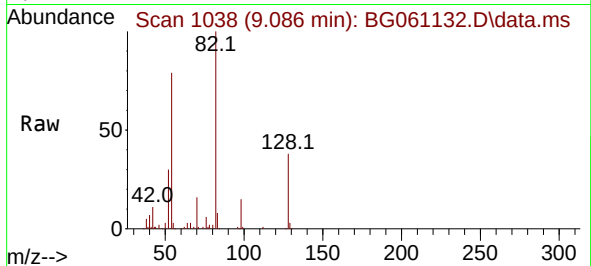




#19
n-Nitroso-di-n-propylamine
Concen: 12.813 ng
RT: 9.086 min Scan# 1038
Delta R.T. 0.319 min
Lab File: BG061132.D
Acq: 7 May 2024 15:09

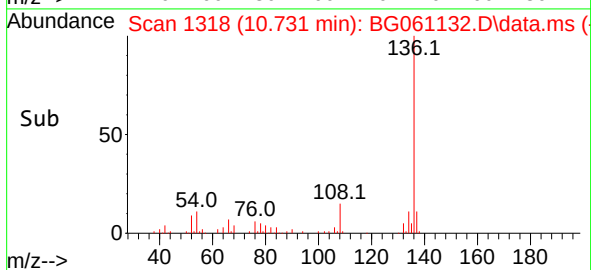
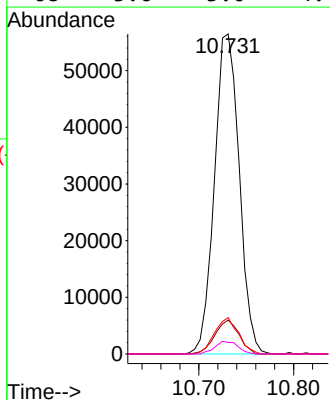
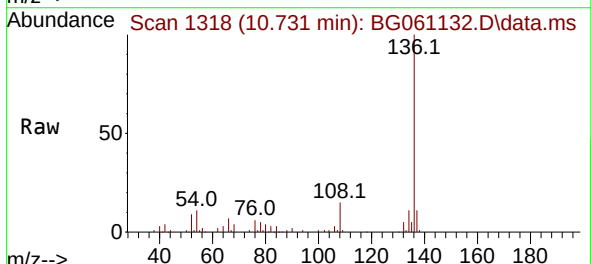
Instrument :
BNA_G
ClientSampleId :
SP-DRIVEWAY

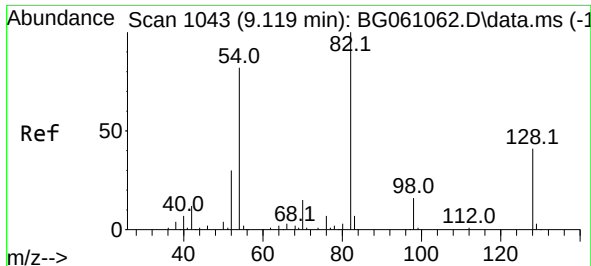
Tgt Ion: 70 Resp: 17132
Ion Ratio Lower Upper
70 100
42 71.0 86.4 129.6#
101 0.0 7.8 11.8#
130 2.6 19.0 28.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.731 min Scan# 1318
Delta R.T. -0.027 min
Lab File: BG061132.D
Acq: 7 May 2024 15:09

Tgt Ion:136 Resp: 102512
Ion Ratio Lower Upper
136 100
137 10.6 7.8 11.6
54 11.3 8.1 12.1
68 3.6 3.0 4.4





#23

Nitrobenzene-d5

Concen: 55.359 ng

RT: 9.091 min Scan# 1039

Delta R.T. -0.027 min

Lab File: BG061132.D

Acq: 7 May 2024 15:09

Instrument :

BNA_G

ClientSampleId :

SP-DRIVEWAY

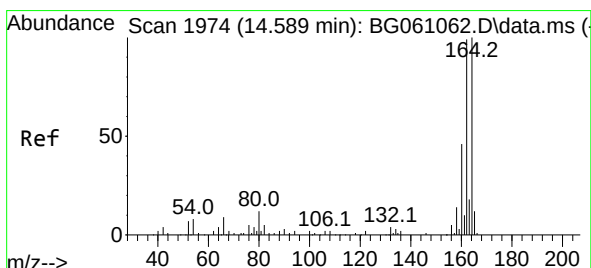
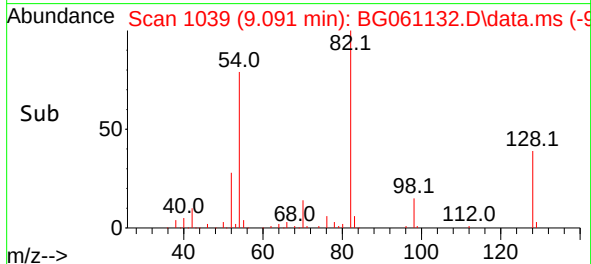
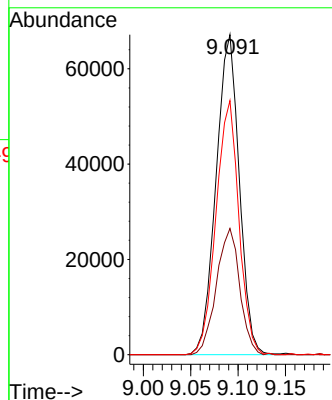
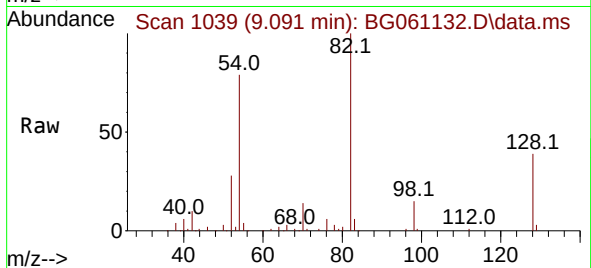
Tgt Ion: 82 Resp: 114478

Ion Ratio Lower Upper

82 100

128 39.4 32.7 49.1

54 79.4 65.6 98.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.567 min Scan# 1971

Delta R.T. -0.021 min

Lab File: BG061132.D

Acq: 7 May 2024 15:09

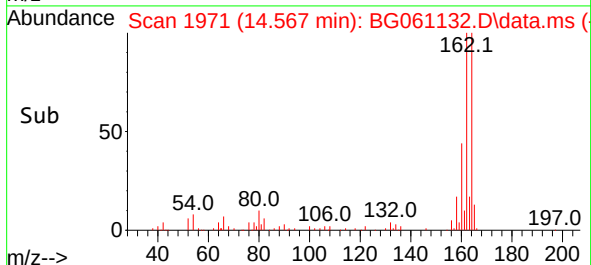
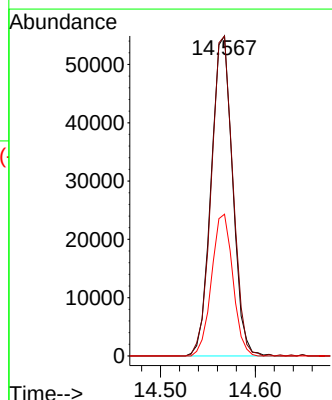
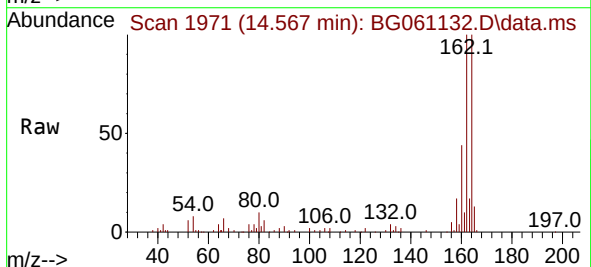
Tgt Ion:164 Resp: 86131

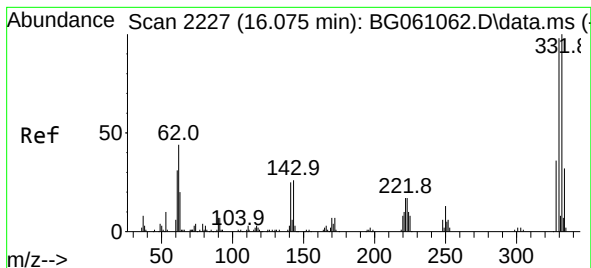
Ion Ratio Lower Upper

164 100

162 100.0 79.4 119.2

160 44.3 37.0 55.6

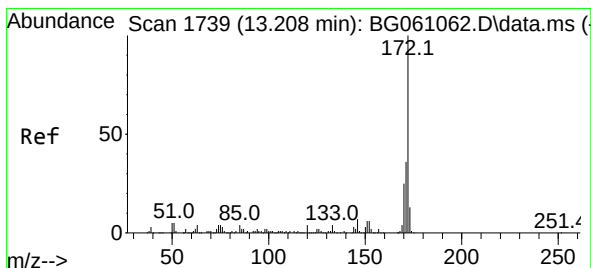
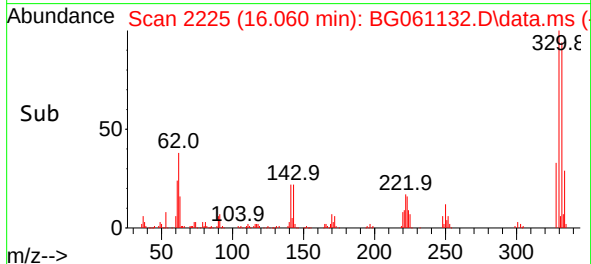
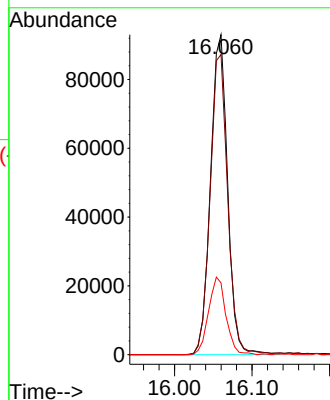
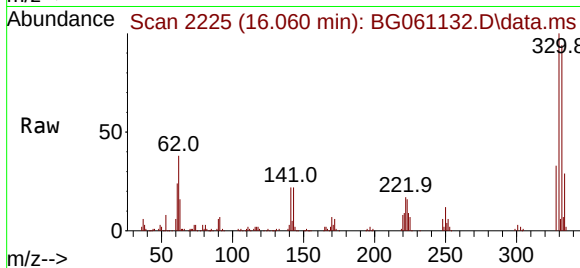




#42
2,4,6-Tribromophenol
Concen: 82.803 ng
RT: 16.060 min Scan# 21
Delta R.T. -0.016 min
Lab File: BG061132.D
Acq: 7 May 2024 15:09

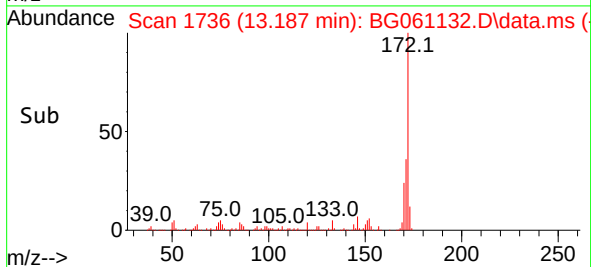
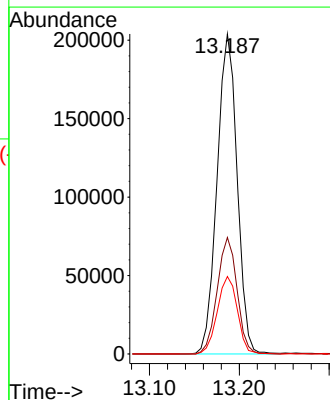
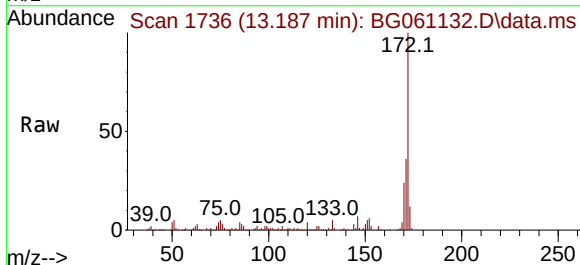
Instrument :
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SP-DRIVEWAY

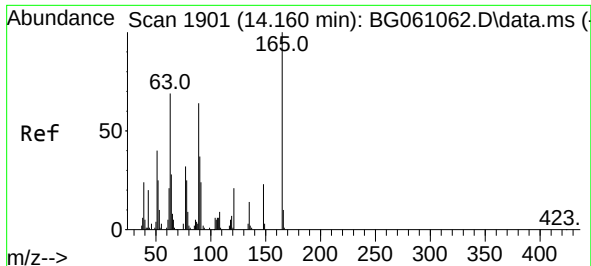
Tgt Ion:330 Resp: 142554
Ion Ratio Lower Upper
330 100
332 96.0 78.6 117.8
141 24.6 20.5 30.7



#45
2-Fluorobiphenyl
Concen: 54.351 ng
RT: 13.187 min Scan# 1736
Delta R.T. -0.021 min
Lab File: BG061132.D
Acq: 7 May 2024 15:09

Tgt Ion:172 Resp: 316578
Ion Ratio Lower Upper
172 100
171 36.4 29.0 43.6
170 24.2 20.2 30.4

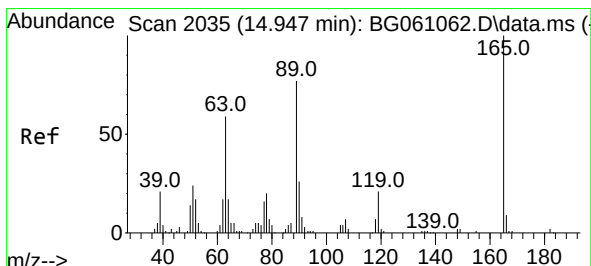
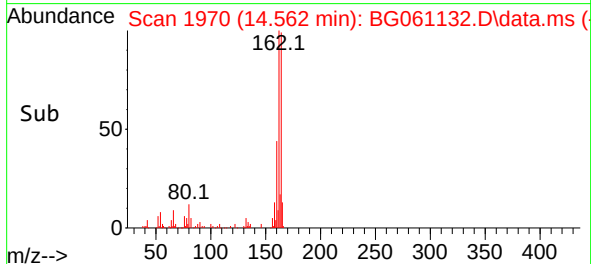
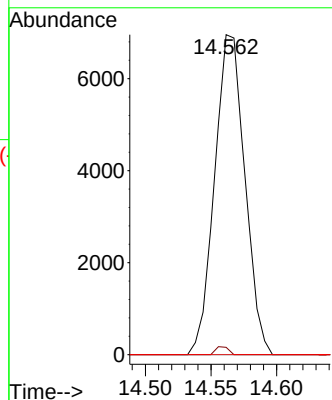
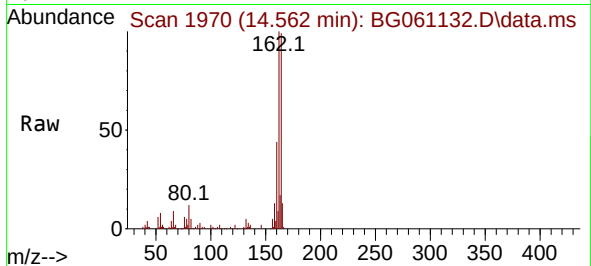




#51
2,6-Dinitrotoluene
Concen: 7.831 ng
RT: 14.562 min Scan# 1901
Delta R.T. 0.402 min
Lab File: BG061132.D
Acq: 7 May 2024 15:09

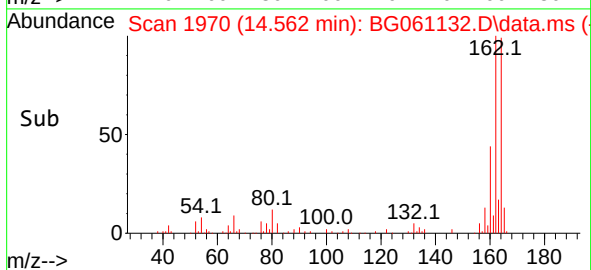
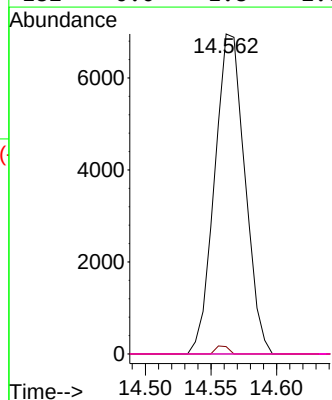
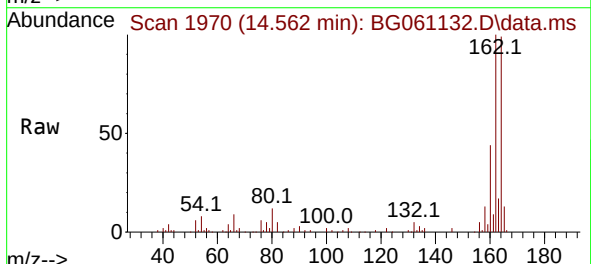
Instrument :
BNA_G
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SP-DRIVEWAY

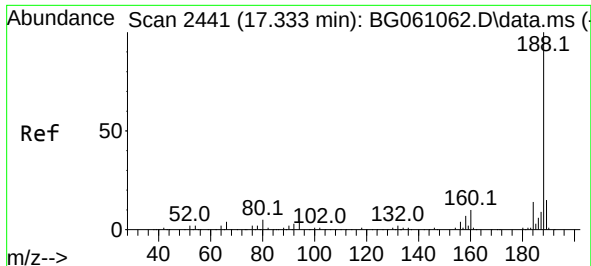
Tgt Ion:165 Resp: 11143
Ion Ratio Lower Upper
165 100
63 2.3 60.0 90.0#
89 0.0 50.9 76.3#



#57
2,4-Dinitrotoluene
Concen: 5.293 ng
RT: 14.562 min Scan# 1970
Delta R.T. -0.386 min
Lab File: BG061132.D
Acq: 7 May 2024 15:09

Tgt Ion:165 Resp: 11143
Ion Ratio Lower Upper
165 100
63 2.3 47.3 70.9#
89 0.0 61.8 92.8#
182 0.0 1.8 2.6#

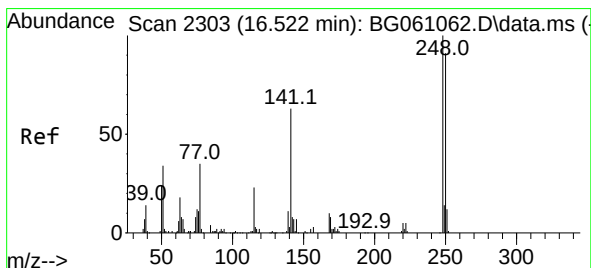
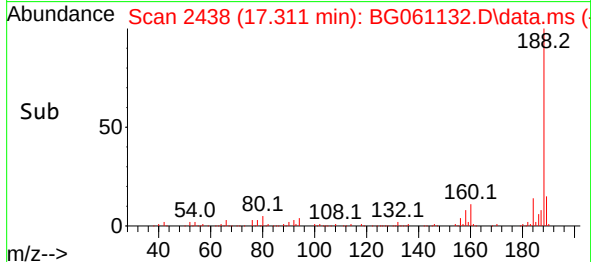
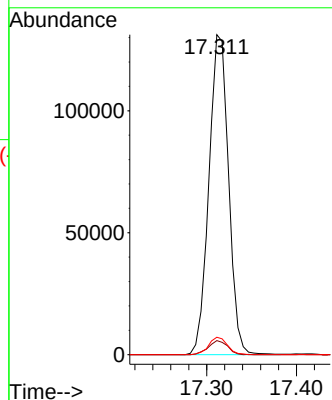
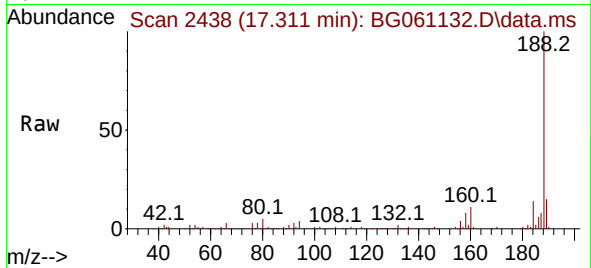




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.311 min Scan# 2441
Delta R.T. -0.021 min
Lab File: BG061132.D
Acq: 7 May 2024 15:09

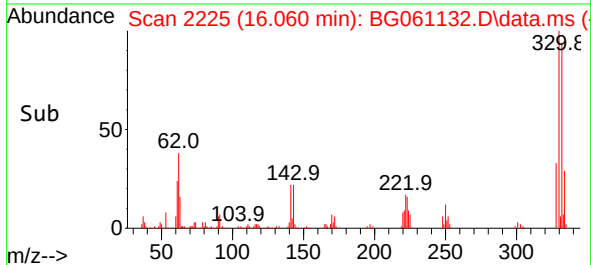
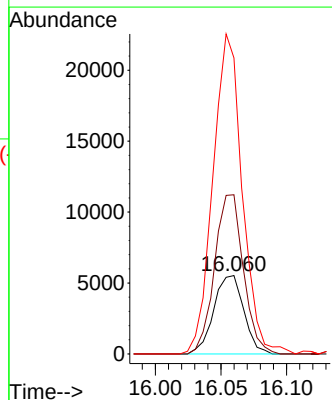
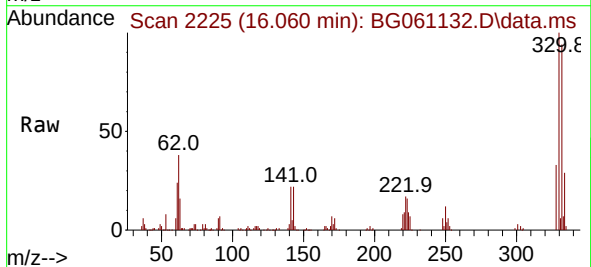
Instrument :
BNA_G
ClientSampleId :
SP-DRIVEWAY

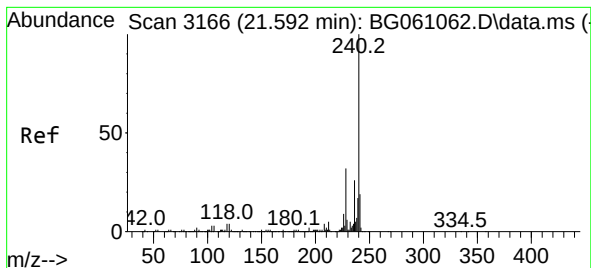
Tgt Ion:188 Resp: 199422
Ion Ratio Lower Upper
188 100
94 4.4 3.6 5.4
80 5.4 4.2 6.2



#67
4-Bromophenyl-phenylether
Concen: 3.747 ng
RT: 16.060 min Scan# 2225
Delta R.T. -0.462 min
Lab File: BG061132.D
Acq: 7 May 2024 15:09

Tgt Ion:248 Resp: 8803
Ion Ratio Lower Upper
248 100
250 203.0 73.0 109.4#
141 377.5 50.8 76.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.571 min Scan# 3163

Delta R.T. -0.021 min

Lab File: BG061132.D

Acq: 7 May 2024 15:09

Instrument :

BNA_G

ClientSampleId :

SP-DRIVEWAY

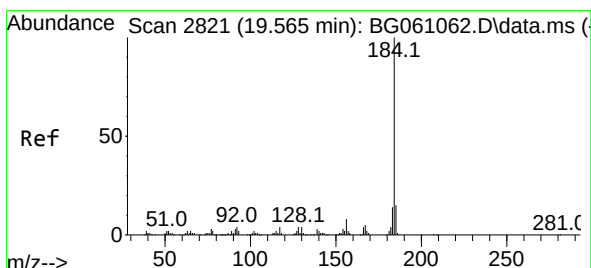
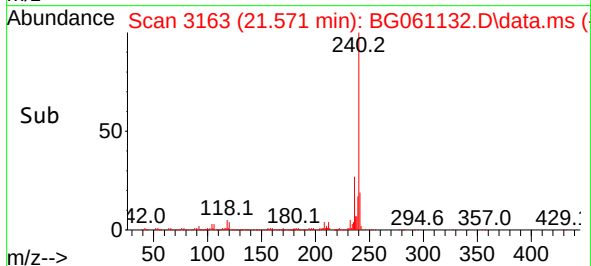
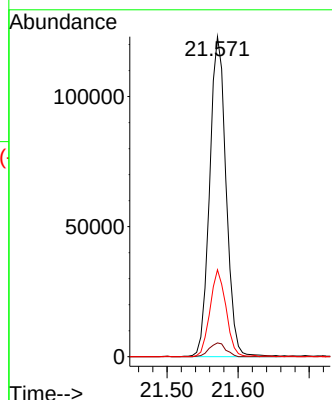
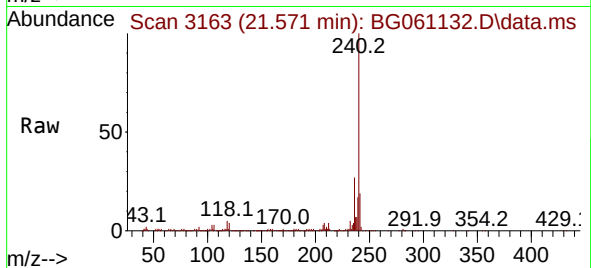
Tgt Ion:240 Resp: 198079

Ion Ratio Lower Upper

240 100

120 4.3 3.2 4.8

236 27.1 21.0 31.6



#77

Benzidine

Concen: 5.185 ng

RT: 19.932 min Scan# 2884

Delta R.T. 0.367 min

Lab File: BG061132.D

Acq: 7 May 2024 15:09

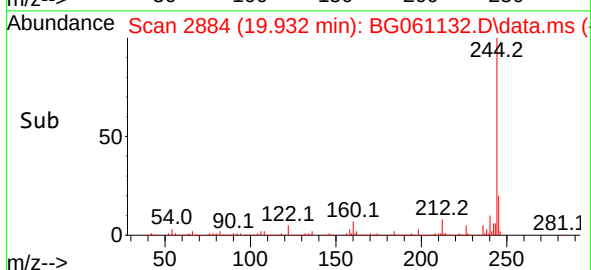
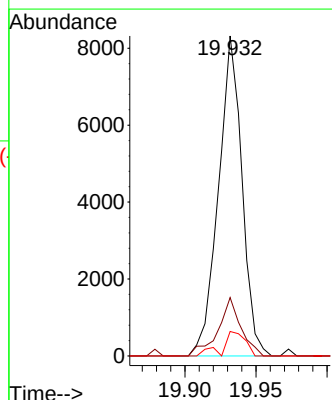
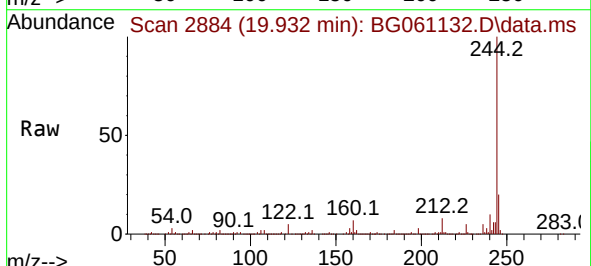
Tgt Ion:184 Resp: 9565

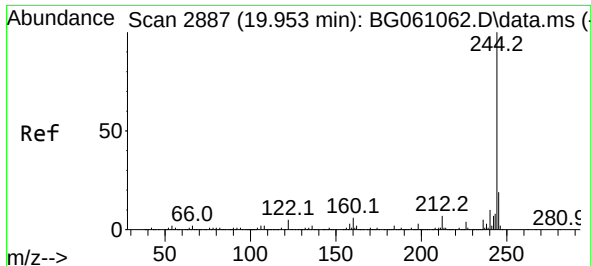
Ion Ratio Lower Upper

184 100

185 18.2 12.0 18.0#

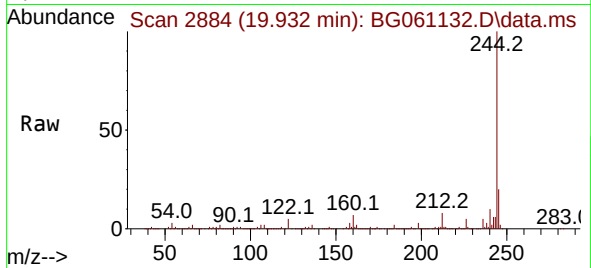
183 7.7 10.9 16.3#



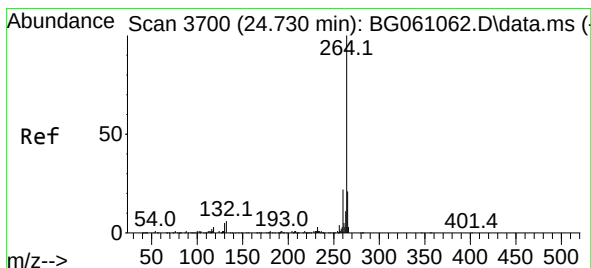
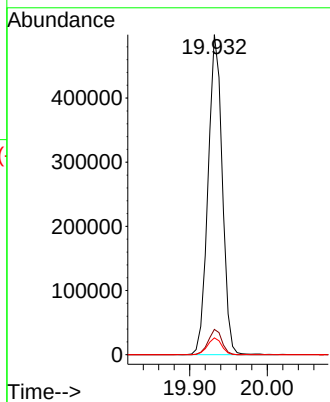
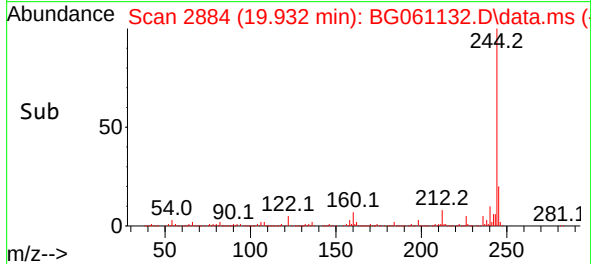


#79
 Terphenyl-d14
 Concen: 53.191 ng
 RT: 19.932 min Scan# 21
 Delta R.T. -0.021 min
 Lab File: BG061132.D
 Acq: 7 May 2024 15:09

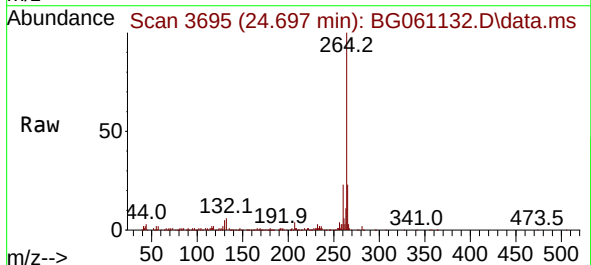
Instrument :
 BNA_G
 ClientSampleId :
 SP-DRIVEWAY



Tgt Ion:244 Resp: 633501
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.7 8.5
 122 5.3 4.2 6.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.697 min Scan# 3695
 Delta R.T. -0.033 min
 Lab File: BG061132.D
 Acq: 7 May 2024 15:09



Tgt Ion:264 Resp: 241397
 Ion Ratio Lower Upper
 264 100
 260 23.4 17.7 26.5
 265 23.0 16.4 24.6

