

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050624\
 Data File : BG061117.D
 Acq On : 6 May 2024 12:16
 Operator : MA/JU
 Sample : PB160699BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160699BL

Quant Time: May 06 13:18:51 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)

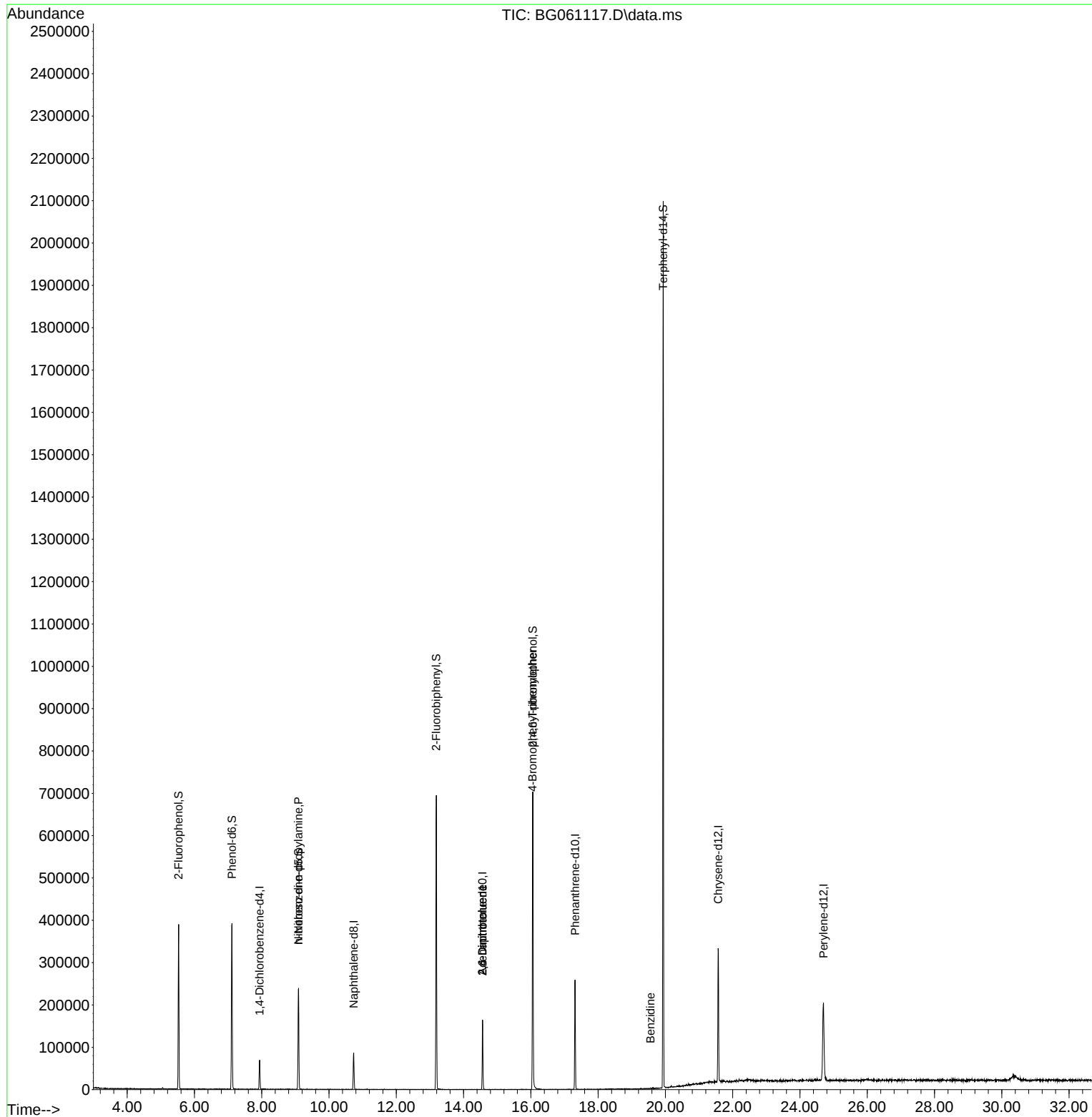
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.936	152	18304	20.000	ng	-0.02
21) Naphthalene-d8	10.733	136	69161	20.000	ng	#-0.02
39) Acenaphthene-d10	14.564	164	60869	20.000	ng	-0.02
64) Phenanthrene-d10	17.314	188	170438	20.000	ng	-0.02
76) Chrysene-d12	21.568	240	197451	20.000	ng	-0.02
86) Perylene-d12	24.699	264	222555	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	134549	149.496	ng	-0.02
7) Phenol-d6	7.114	99	177509	133.324	ng	-0.02
23) Nitrobenzene-d5	9.094	82	123583	88.580	ng	-0.02
42) 2,4,6-Tribromophenol	16.056	330	162596	133.641	ng	-0.02
45) 2-Fluorobiphenyl	13.189	172	357896	86.945	ng	-0.02
79) Terphenyl-d14	19.934	244	1056890	89.022	ng	-0.02
Target Compounds						
9) Benzaldehyde	7.120	77	422	Below Cal	Qvalue	# 3
19) n-Nitroso-di-n-propyla...	9.094	70	18457	18.524	ng	# 60
51) 2,6-Dinitrotoluene	14.564	165	7569	7.527	ng	# 15
57) 2,4-Dinitrotoluene	14.564	165	7569	5.087	ng	# 17
67) 4-Bromophenyl-phenylether	16.051	248	9642	4.802	ng	# 1
77) Benzidine	19.558	184	890	3.018	ng	# 65

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

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
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QLast Update : Wed May 01 05:11:25 2024
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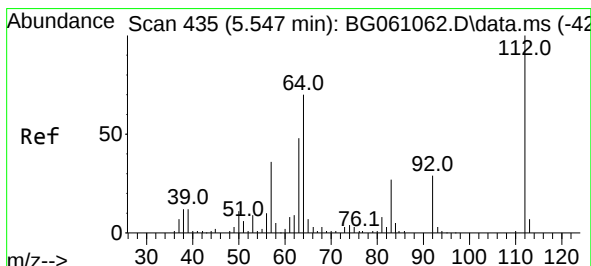
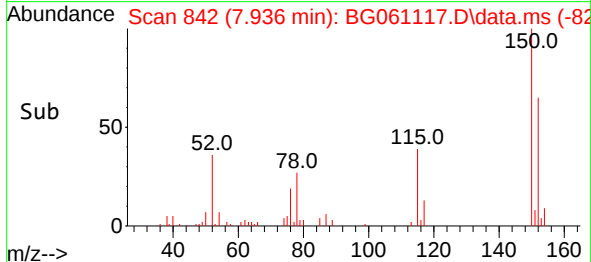
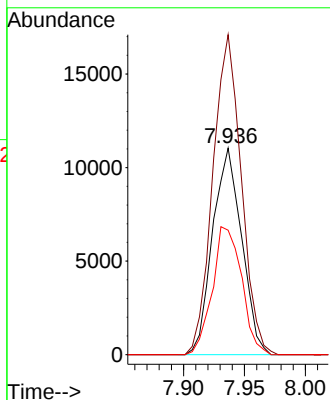
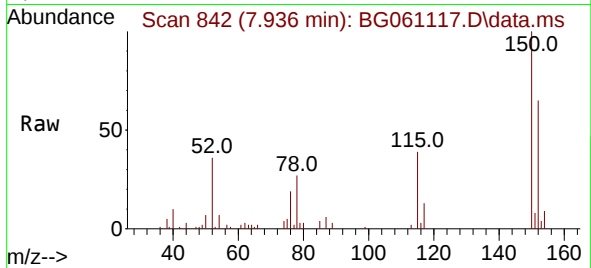




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.936 min Scan# 846
Delta R.T. -0.025 min
Lab File: BG061117.D
Acq: 6 May 2024 12:16

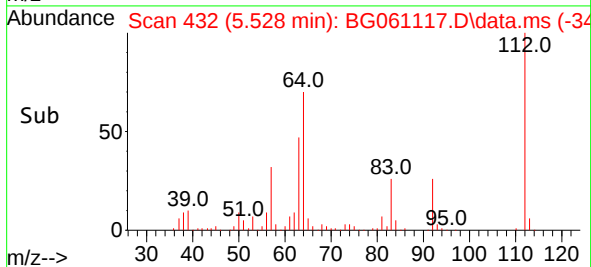
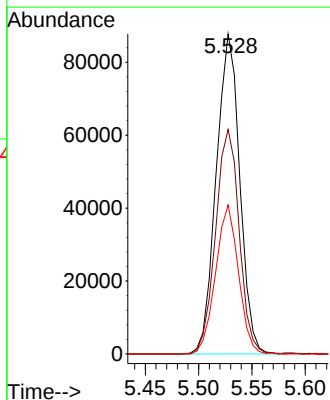
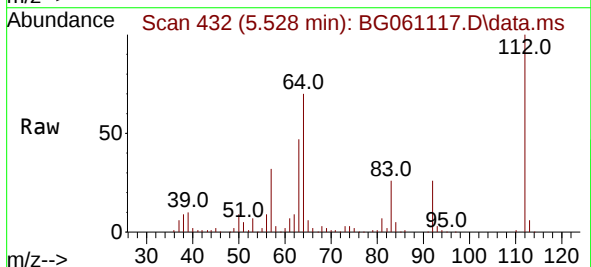
Instrument :
BNA_G
ClientSampleId :
PB160699BL

Tgt Ion:152 Resp: 18304
Ion Ratio Lower Upper
152 100
150 155.0 138.3 207.5
115 60.2 48.0 72.0



#5
2-Fluorophenol
Concen: 149.496 ng
RT: 5.528 min Scan# 432
Delta R.T. -0.019 min
Lab File: BG061117.D
Acq: 6 May 2024 12:16

Tgt Ion:112 Resp: 134549
Ion Ratio Lower Upper
112 100
64 70.2 55.7 83.5
63 46.6 38.1 57.1

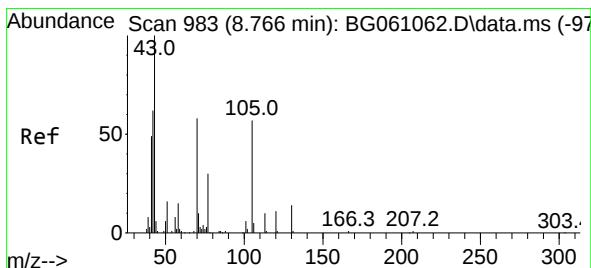
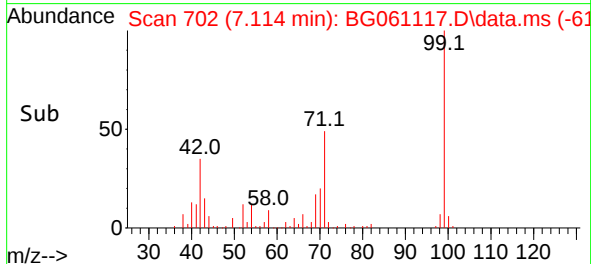
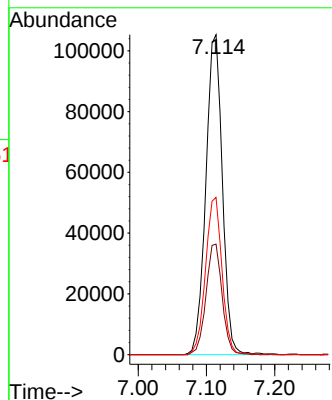
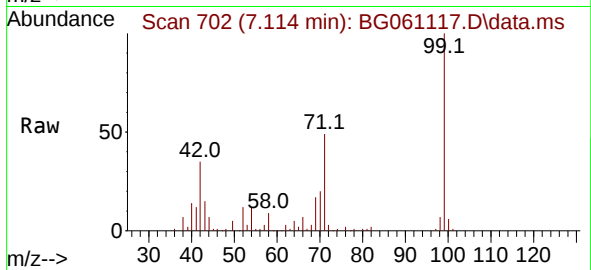




#7
Phenol-d6
Concen: 133.324 ng
RT: 7.114 min Scan# 705
Delta R.T. -0.019 min
Lab File: BG061117.D
Acq: 6 May 2024 12:16

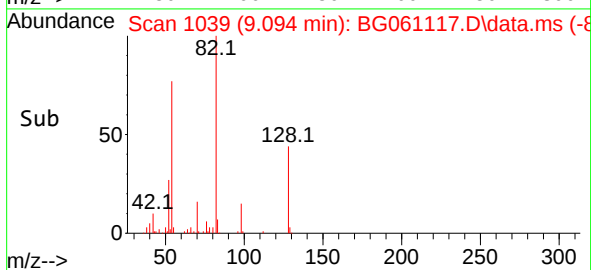
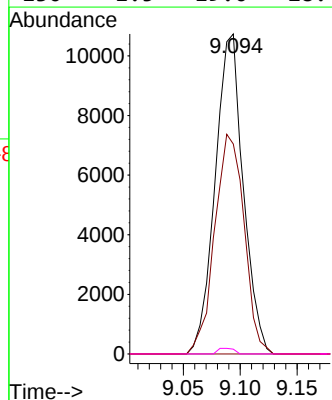
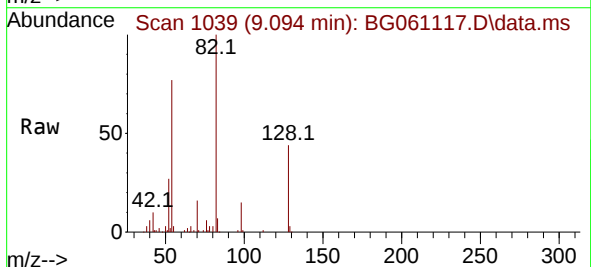
Instrument :
BNA_G
ClientSampleId :
PB160699BL

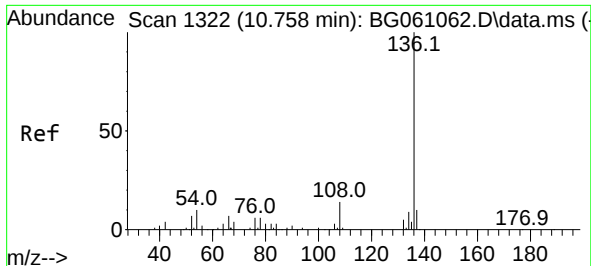
Tgt Ion: 99 Resp: 177509
Ion Ratio Lower Upper
99 100
42 34.6 29.2 43.8
71 49.1 39.7 59.5



#19
n-Nitroso-di-n-propylamine
Concen: 18.524 ng
RT: 9.094 min Scan# 1039
Delta R.T. 0.328 min
Lab File: BG061117.D
Acq: 6 May 2024 12:16

Tgt Ion: 70 Resp: 18457
Ion Ratio Lower Upper
70 100
42 65.6 86.4 129.6#
101 0.0 7.8 11.8#
130 1.5 19.0 28.4#





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.733 min Scan# 11
Delta R.T. -0.025 min
Lab File: BG061117.D
Acq: 6 May 2024 12:16

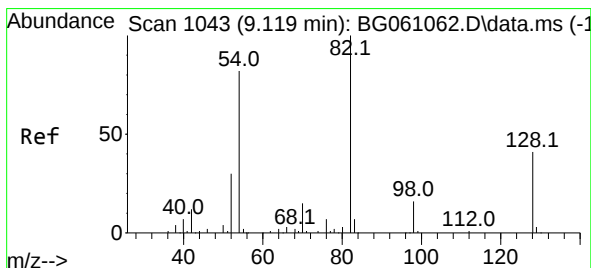
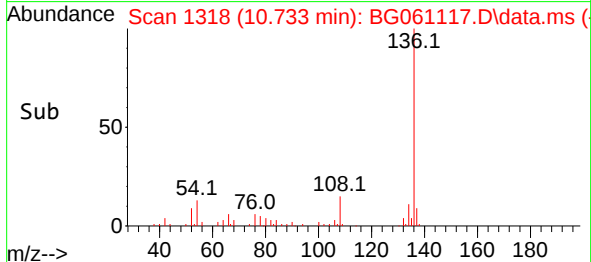
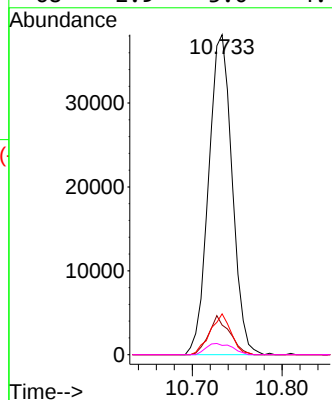
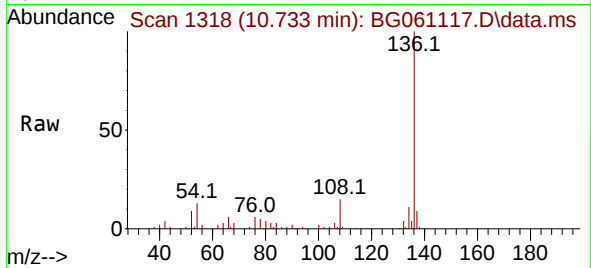
Instrument :

BNA_G

ClientSampleId :

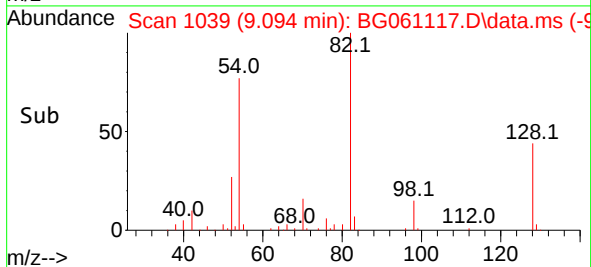
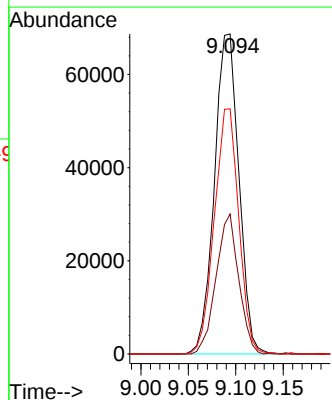
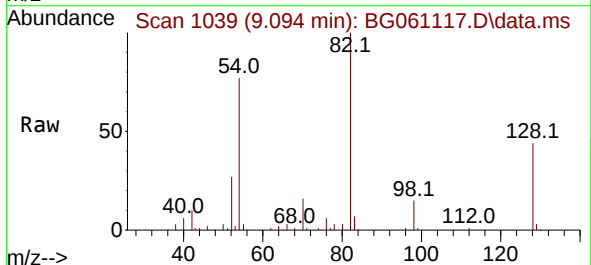
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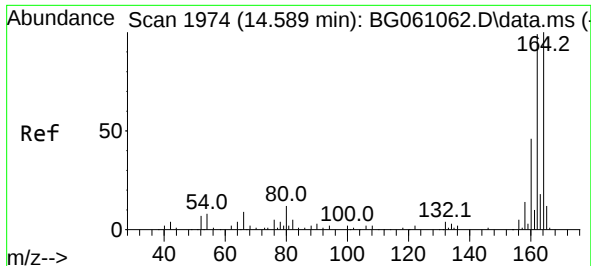
Tgt Ion:136 Resp: 69161
Ion Ratio Lower Upper
136 100
137 9.2 7.8 11.6
54 12.7 8.1 12.1#
68 2.9 3.0 4.4#



#23
Nitrobenzene-d5
Concen: 88.580 ng
RT: 9.094 min Scan# 1039
Delta R.T. -0.025 min
Lab File: BG061117.D
Acq: 6 May 2024 12:16

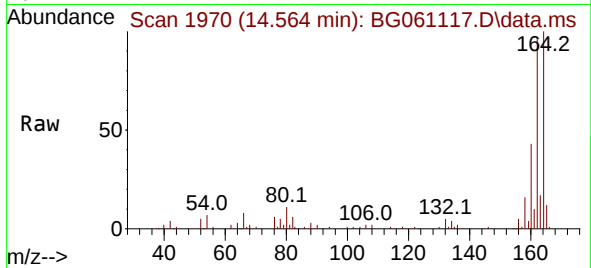
Tgt Ion: 82 Resp: 123583
Ion Ratio Lower Upper
82 100
128 43.8 32.7 49.1
54 76.6 65.6 98.4



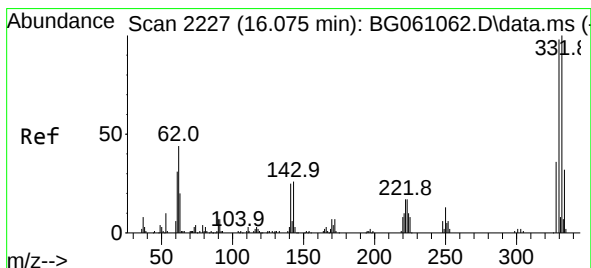
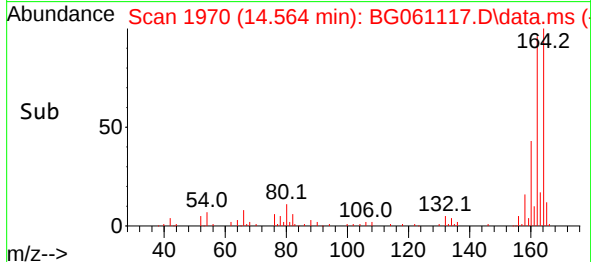
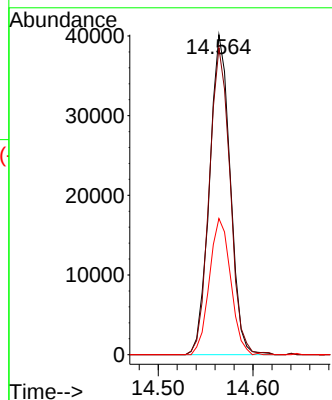


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.564 min Scan# 1974
Delta R.T. -0.025 min
Lab File: BG061117.D
Acq: 6 May 2024 12:16

Instrument :
BNA_G
ClientSampleId :
PB160699BL

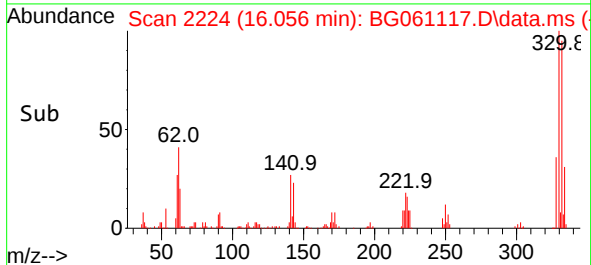
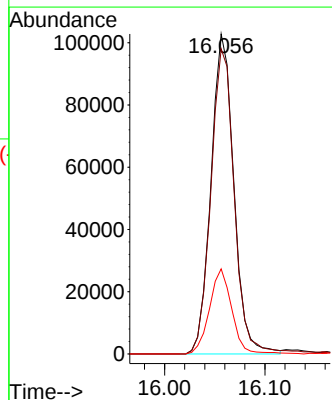
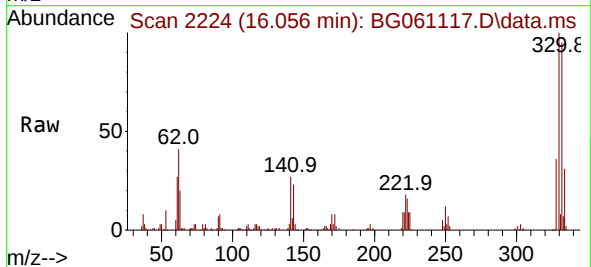


Tgt Ion:164 Resp: 60869
Ion Ratio Lower Upper
164 100
162 95.9 79.4 119.2
160 42.5 37.0 55.6



#42
2,4,6-Tribromophenol
Concen: 133.641 ng
RT: 16.056 min Scan# 2224
Delta R.T. -0.019 min
Lab File: BG061117.D
Acq: 6 May 2024 12:16

Tgt Ion:330 Resp: 162596
Ion Ratio Lower Upper
330 100
332 98.5 78.6 117.8
141 26.0 20.5 30.7

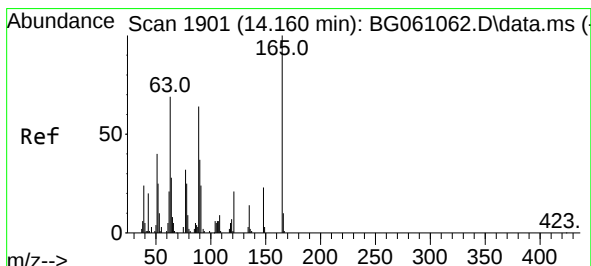
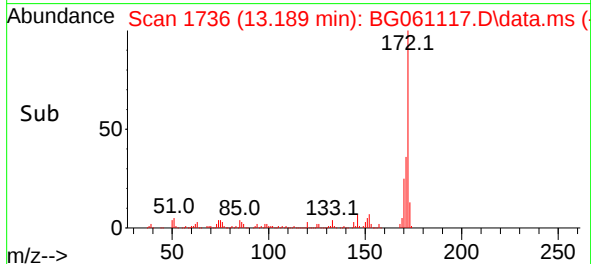
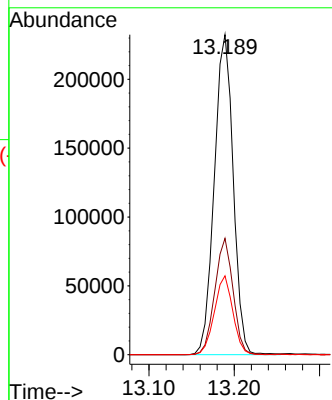
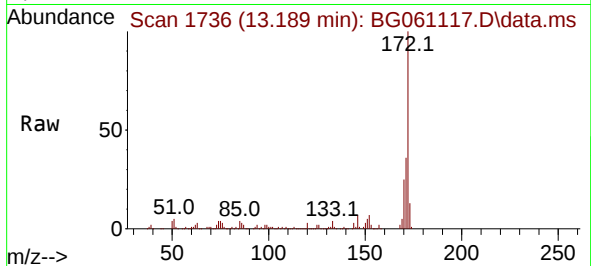




#45
2-Fluorobiphenyl
Concen: 86.945 ng
RT: 13.189 min Scan# 1
Delta R.T. -0.019 min
Lab File: BG061117.D
Acq: 6 May 2024 12:16

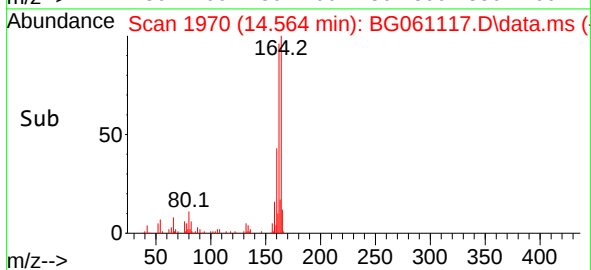
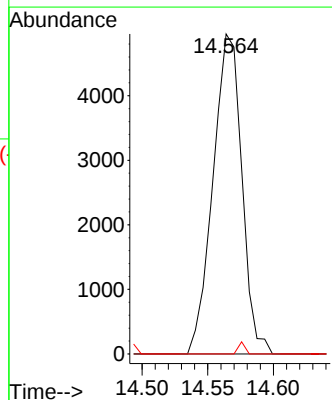
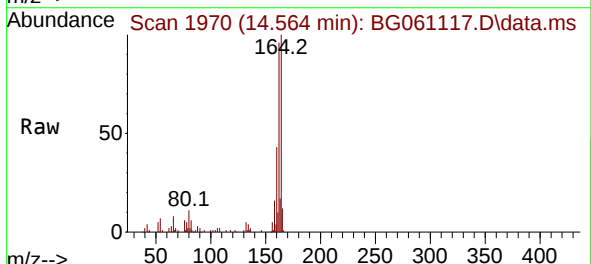
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ClientSampleId :
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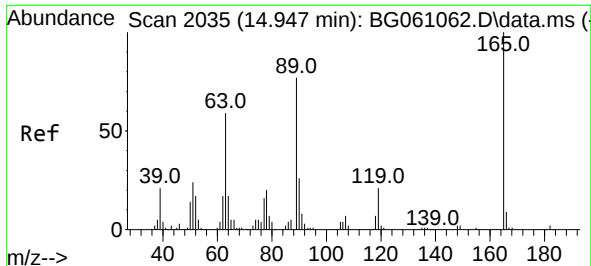
Tgt Ion:172 Resp: 357896
Ion Ratio Lower Upper
172 100
171 36.4 29.0 43.6
170 24.7 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 7.527 ng
RT: 14.564 min Scan# 1970
Delta R.T. 0.404 min
Lab File: BG061117.D
Acq: 6 May 2024 12:16

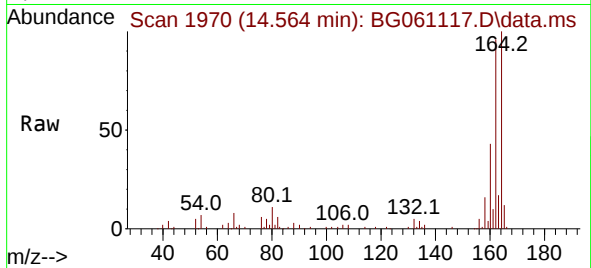
Tgt Ion:165 Resp: 7569
Ion Ratio Lower Upper
165 100
63 0.0 60.0 90.0#
89 0.0 50.9 76.3#



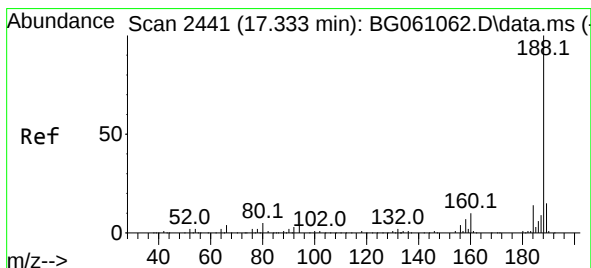
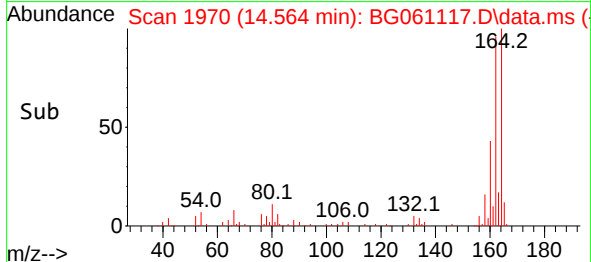
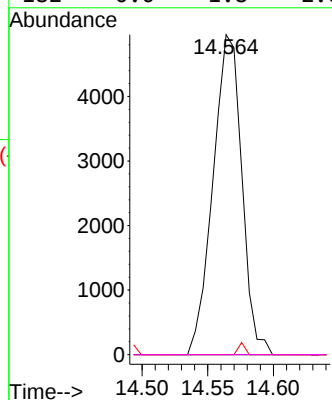


#57
2,4-Dinitrotoluene
Concen: 5.087 ng
RT: 14.564 min Scan# 14
Delta R.T. -0.383 min
Lab File: BG061117.D
Acq: 6 May 2024 12:16

Instrument :
BNA_G
ClientSampleId :
PB160699BL

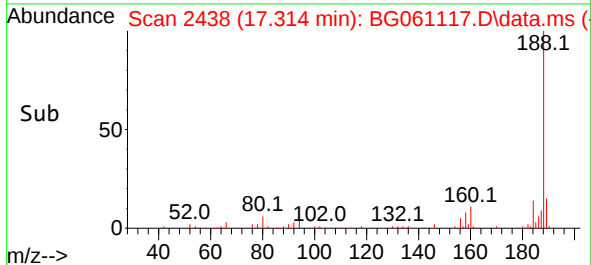
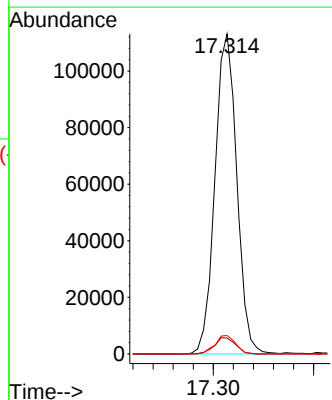
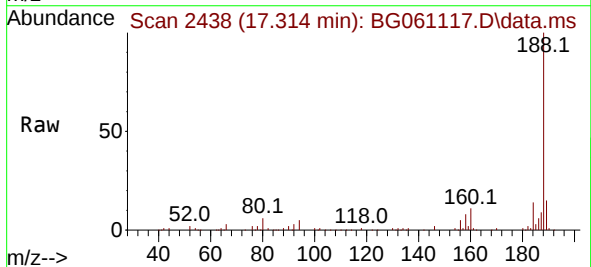


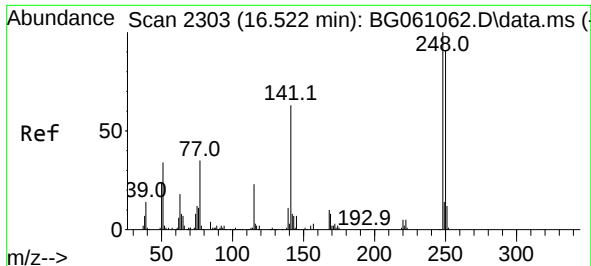
Tgt Ion:165 Resp: 7569
Ion Ratio Lower Upper
165 100
63 0.0 47.3 70.9#
89 0.0 61.8 92.8#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.314 min Scan# 2438
Delta R.T. -0.019 min
Lab File: BG061117.D
Acq: 6 May 2024 12:16

Tgt Ion:188 Resp: 170438
Ion Ratio Lower Upper
188 100
94 4.9 3.6 5.4
80 5.7 4.2 6.2

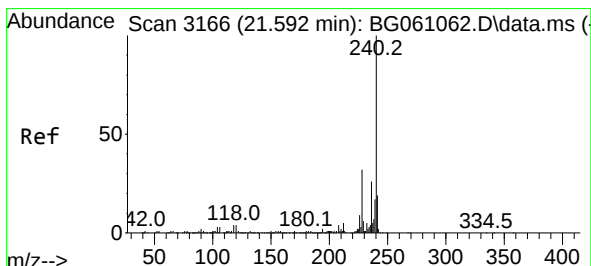
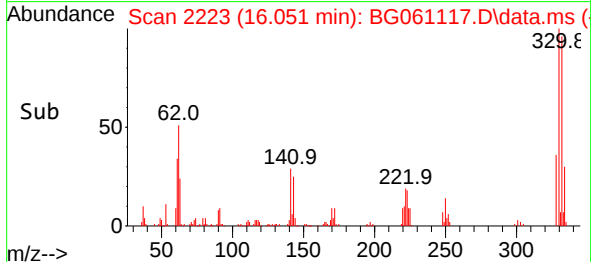
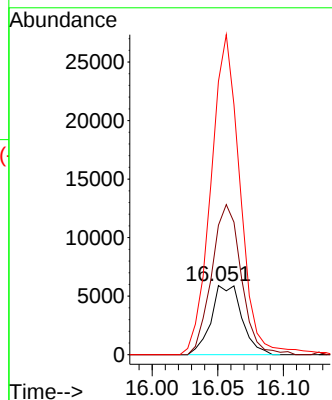
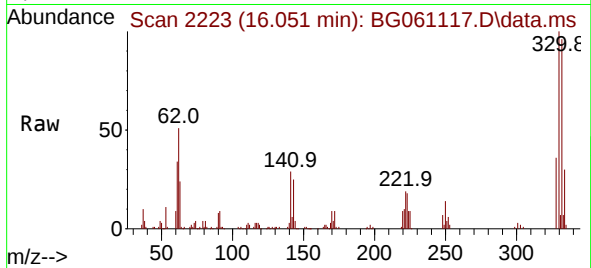




#67
4-Bromophenyl-phenylether
Concen: 4.802 ng
RT: 16.051 min Scan# 21
Delta R.T. -0.471 min
Lab File: BG061117.D
Acq: 6 May 2024 12:16

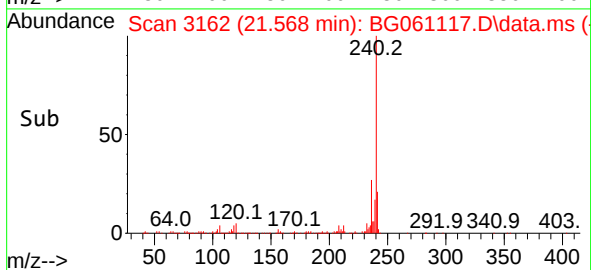
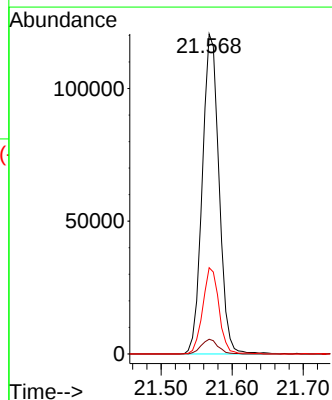
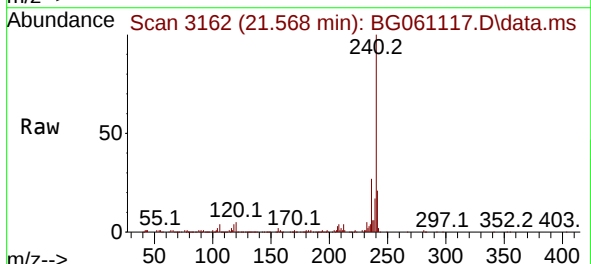
Instrument :
BNA_G
ClientSampleId :
PB160699BL

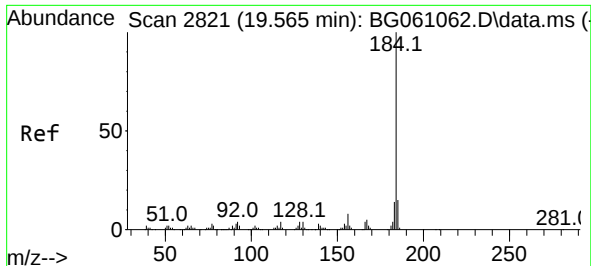
Tgt Ion:248 Resp: 9642
Ion Ratio Lower Upper
248 100
250 187.2 73.0 109.4#
141 395.5 50.8 76.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.568 min Scan# 3162
Delta R.T. -0.025 min
Lab File: BG061117.D
Acq: 6 May 2024 12:16

Tgt Ion:240 Resp: 197451
Ion Ratio Lower Upper
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120 4.6 3.2 4.8
236 27.0 21.0 31.6

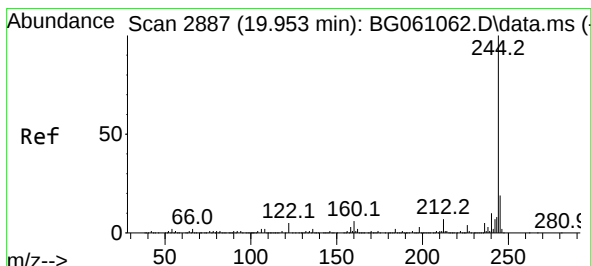
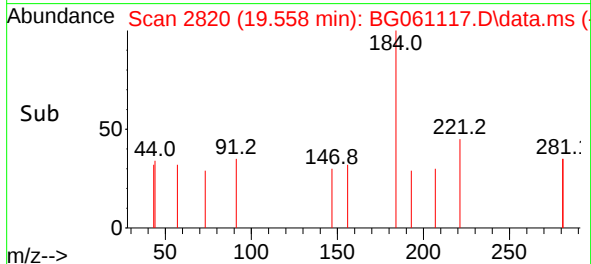
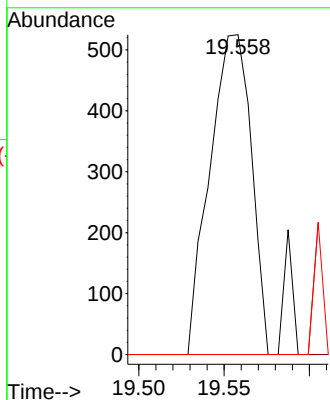
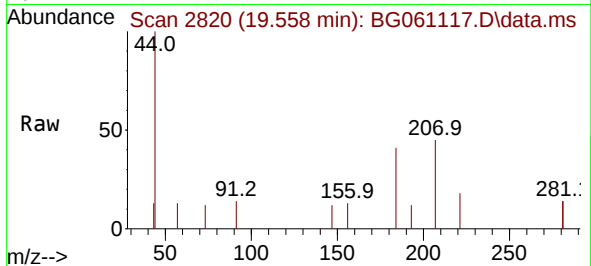




#77
Benzidine
Concen: 3.018 ng
RT: 19.558 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG061117.D
Acq: 6 May 2024 12:16

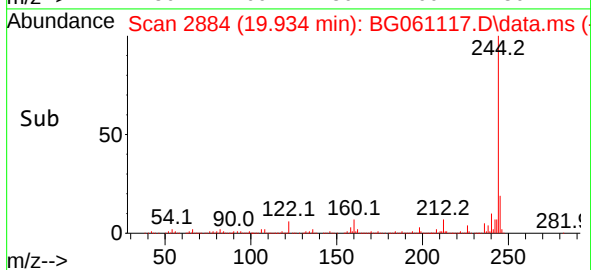
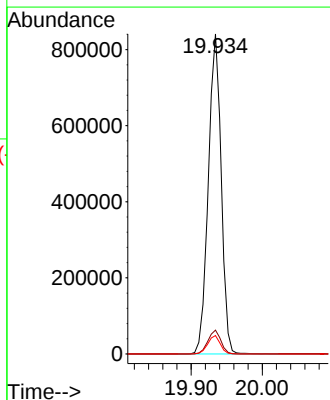
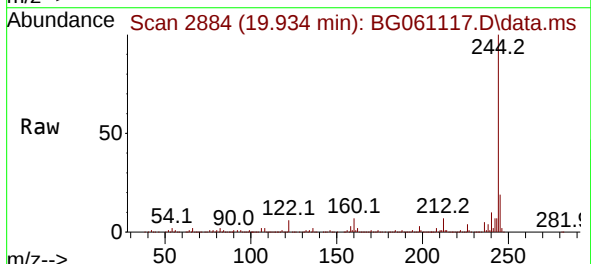
Instrument :
BNA_G
ClientSampleId :
PB160699BL

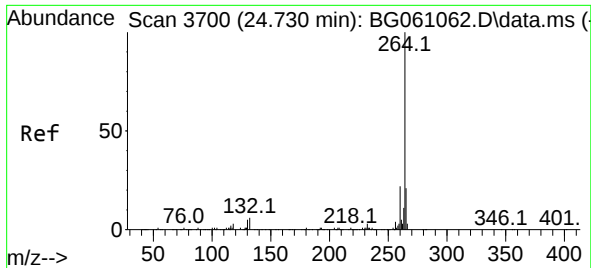
Tgt Ion:184 Resp: 890
Ion Ratio Lower Upper
184 100
185 0.0 12.0 18.0#
183 0.0 10.9 16.3#



#79
Terphenyl-d14
Concen: 89.022 ng
RT: 19.934 min Scan# 2884
Delta R.T. -0.019 min
Lab File: BG061117.D
Acq: 6 May 2024 12:16

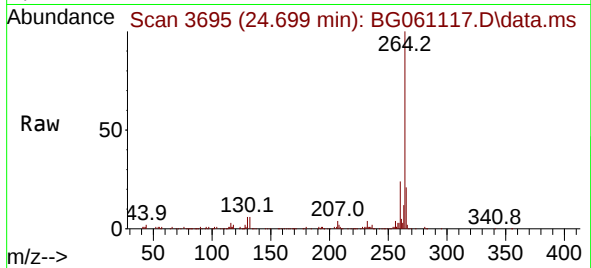
Tgt Ion:244 Resp: 1056890
Ion Ratio Lower Upper
244 100
212 7.5 5.7 8.5
122 5.8 4.2 6.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.699 min Scan# 30
 Delta R.T. -0.031 min
 Lab File: BG061117.D
 Acq: 6 May 2024 12:16

Instrument :
 BNA_G
 ClientSampleId :
 PB160699BL



Tgt Ion:264 Resp: 222555
 Ion Ratio Lower Upper
 264 100
 260 24.0 17.7 26.5
 265 20.7 16.4 24.6

