

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042524\
 Data File : BG061033.D
 Acq On : 25 Apr 2024 11:18
 Operator : MA/JU
 Sample : PB160476BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160476BL

Quant Time: Apr 25 12:14:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 22 04:22:00 2024
 Response via : Initial Calibration

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

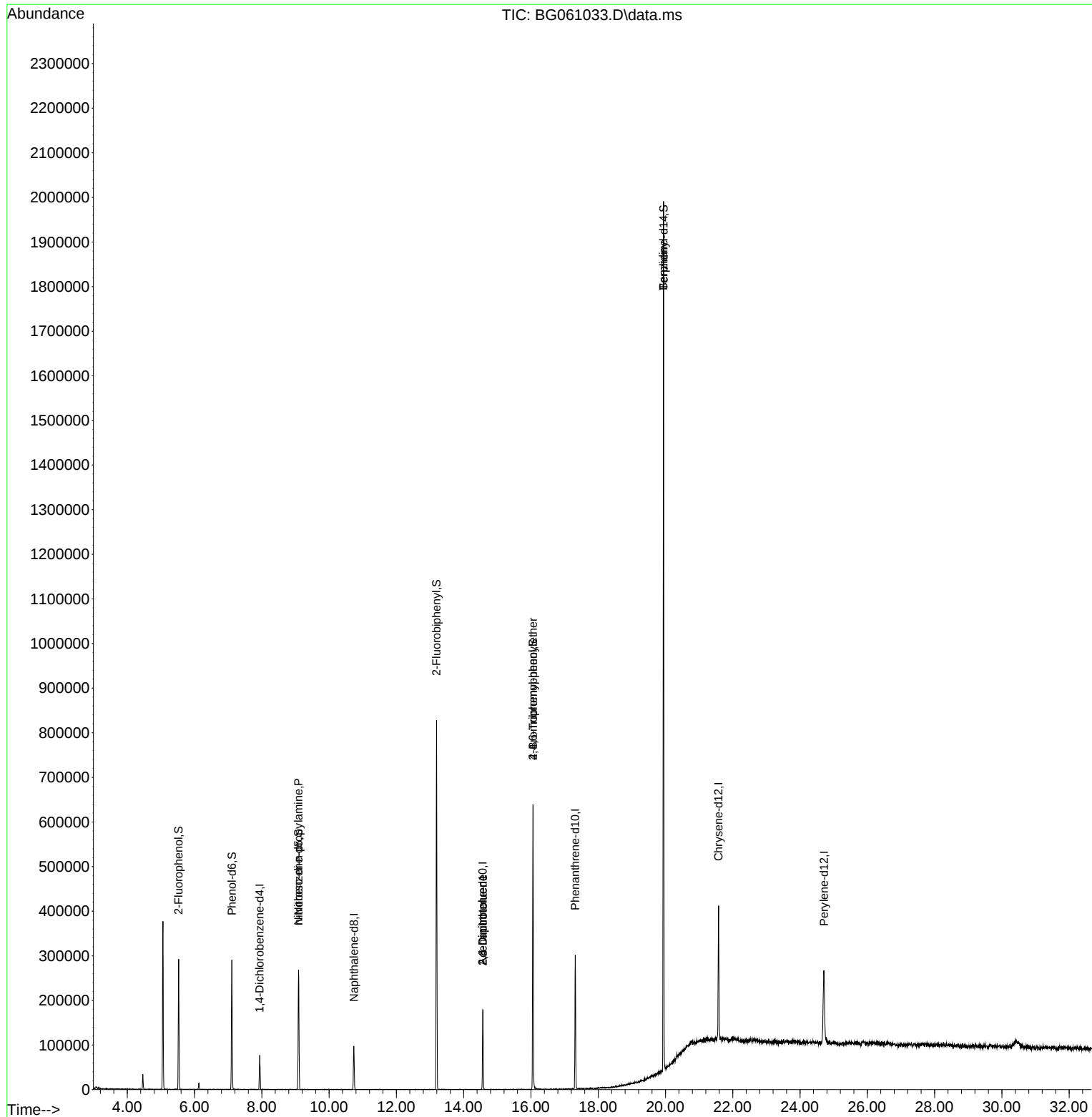
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.935	152	19696	20.000	ng	0.00
21) Naphthalene-d8	10.738	136	79321	20.000	ng	# 0.00
39) Acenaphthene-d10	14.568	164	67542	20.000	ng	0.00
64) Phenanthrene-d10	17.318	188	195480	20.000	ng	0.00
76) Chrysene-d12	21.578	240	187558	20.000	ng	0.00
86) Perylene-d12	24.709	264	213055	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	98835	101.502	ng	0.00
7) Phenol-d6	7.112	99	134128	92.839	ng	0.00
23) Nitrobenzene-d5	9.092	82	135172	76.564	ng	0.00
42) 2,4,6-Tribromophenol	16.061	330	142748	96.245	ng	0.00
45) 2-Fluorobiphenyl	13.193	172	421075	86.283	ng	0.00
79) Terphenyl-d14	19.944	244	1038521	85.948	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.092	70	20657	19.186	ng	# 69
51) 2,6-Dinitrotoluene	14.568	165	9776	8.412	ng	# 16
57) 2,4-Dinitrotoluene	14.568	165	9776	5.841	ng	# 19
67) 4-Bromophenyl-phenylether	16.061	248	8953	3.470	ng	# 1
77) Benzdine	19.939	184	17078	4.914	ng	# 91

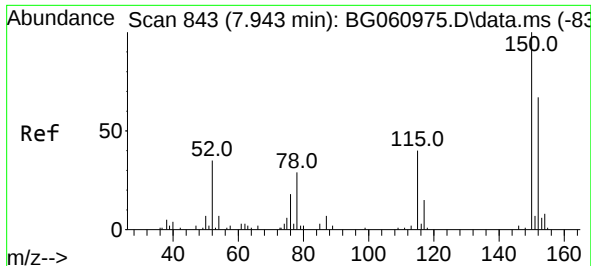
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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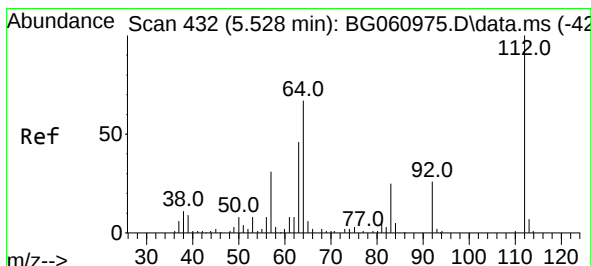
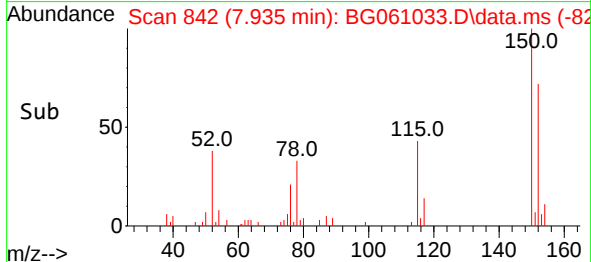
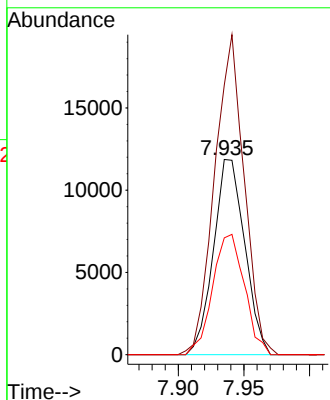
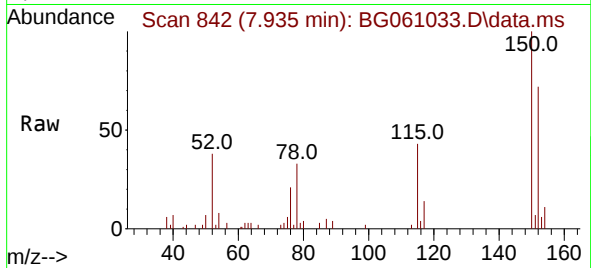




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.935 min Scan# 843
Delta R.T. -0.008 min
Lab File: BG061033.D
Acq: 25 Apr 2024 11:18

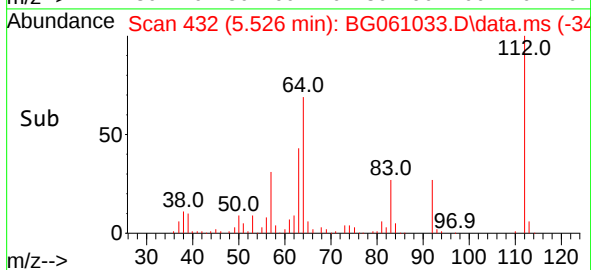
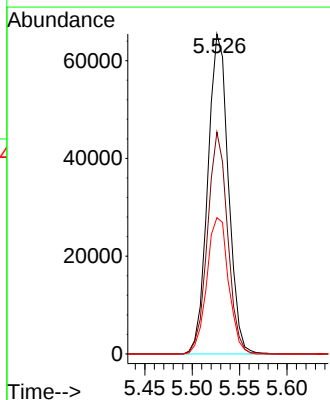
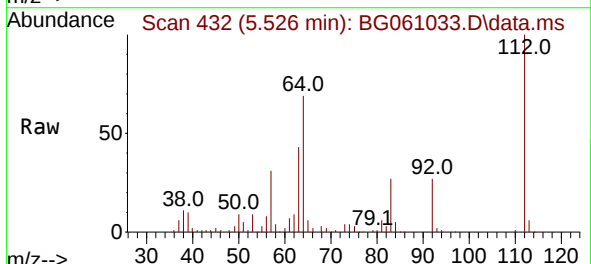
Instrument :
BNA_G
ClientSampleId :
PB160476BL

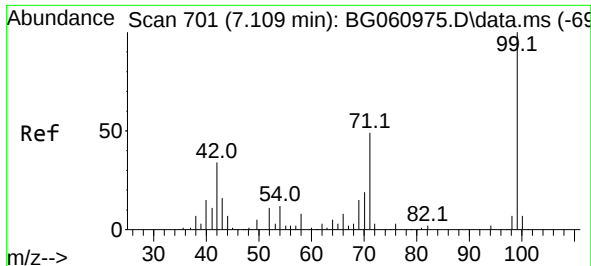
Tgt Ion:152 Resp: 19696
Ion Ratio Lower Upper
152 100
150 138.1 118.6 178.0
115 59.8 47.4 71.0



#5
2-Fluorophenol
Concen: 101.502 ng
RT: 5.526 min Scan# 432
Delta R.T. -0.002 min
Lab File: BG061033.D
Acq: 25 Apr 2024 11:18

Tgt Ion:112 Resp: 98835
Ion Ratio Lower Upper
112 100
64 69.3 53.7 80.5
63 42.6 37.0 55.6

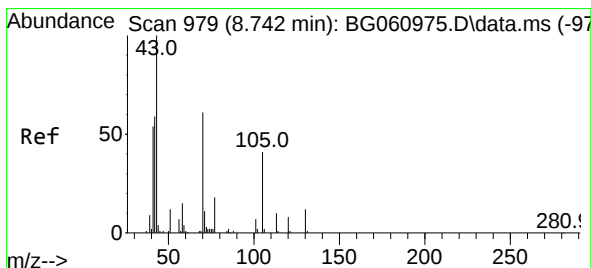
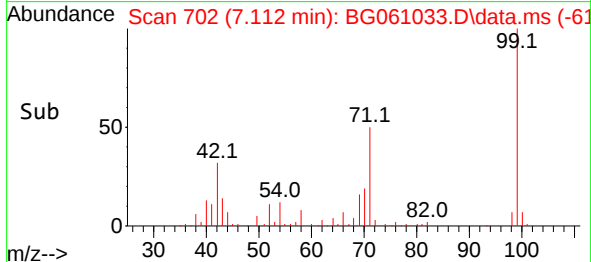
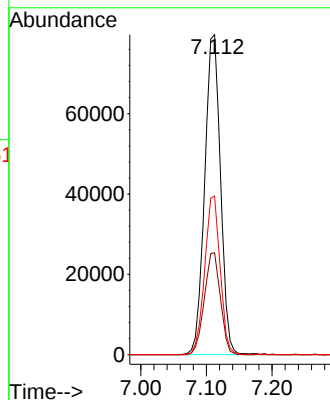
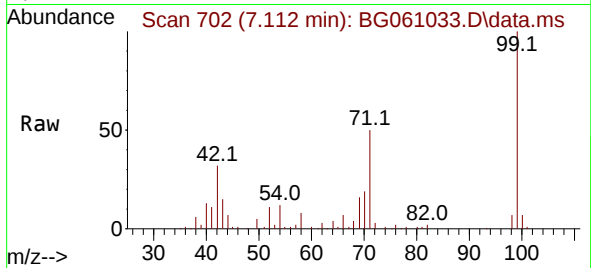




#7
Phenol-d6
Concen: 92.839 ng
RT: 7.112 min Scan# 701
Delta R.T. 0.004 min
Lab File: BG061033.D
Acq: 25 Apr 2024 11:18

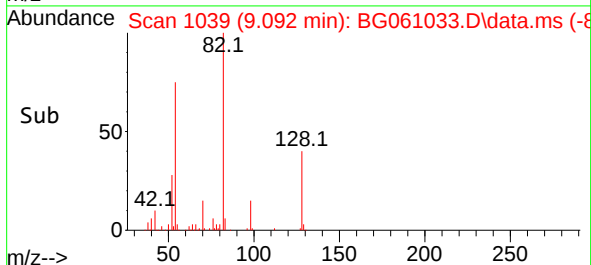
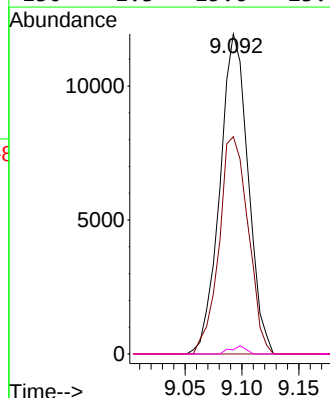
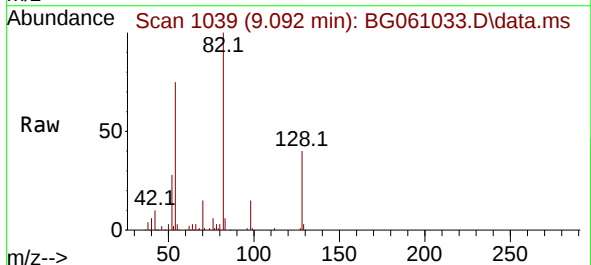
Instrument :
BNA_G
ClientSampleId :
PB160476BL

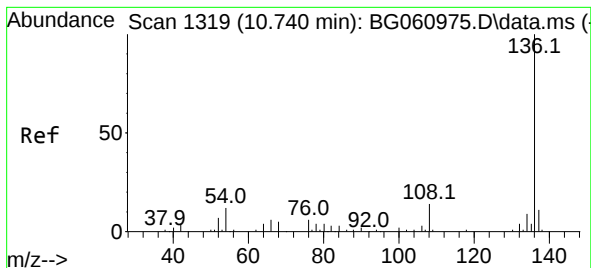
Tgt Ion: 99 Resp: 134128
Ion Ratio Lower Upper
99 100
42 31.8 27.2 40.8
71 49.6 38.8 58.2



#19
n-Nitroso-di-n-propylamine
Concen: 19.186 ng
RT: 9.092 min Scan# 1039
Delta R.T. 0.350 min
Lab File: BG061033.D
Acq: 25 Apr 2024 11:18

Tgt Ion: 70 Resp: 20657
Ion Ratio Lower Upper
70 100
42 67.9 78.0 117.0#
101 0.0 8.6 13.0#
130 1.3 15.6 23.4#

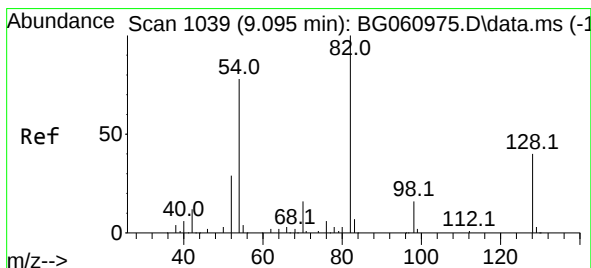
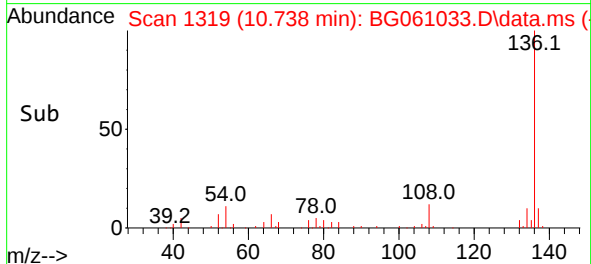
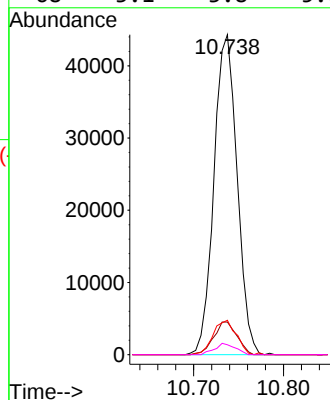
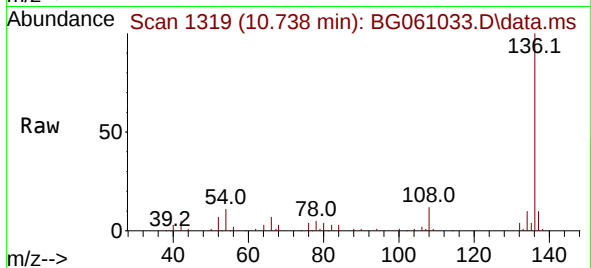




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.738 min Scan# 1319
Delta R.T. -0.002 min
Lab File: BG061033.D
Acq: 25 Apr 2024 11:18

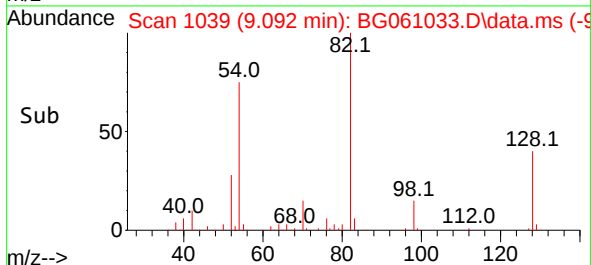
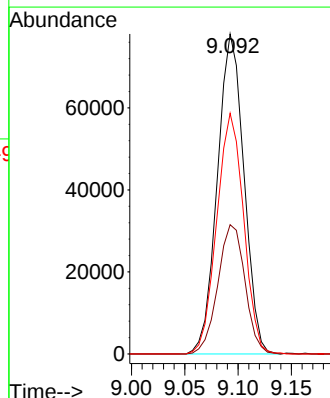
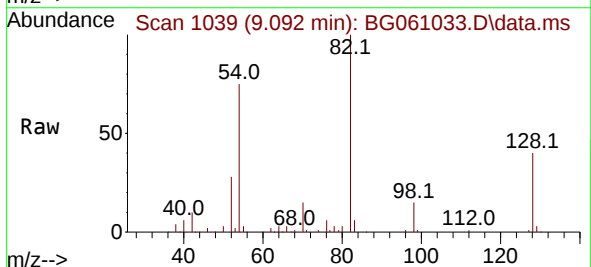
Instrument :
BNA_G
ClientSampleId :
PB160476BL

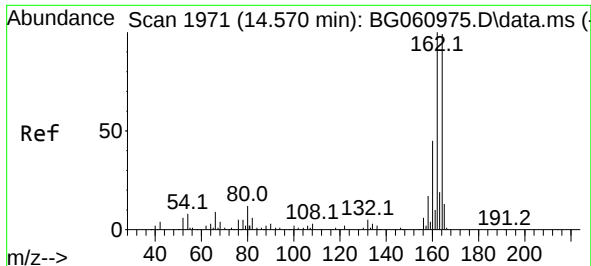
Tgt Ion:	136	Resp:	79321
Ion Ratio	Lower	Upper	
136	100		
137	10.2	8.5	12.7
54	10.7	9.4	14.0
68	3.1	3.8	5.6



#23
Nitrobenzene-d5
Concen: 76.564 ng
RT: 9.092 min Scan# 1039
Delta R.T. -0.002 min
Lab File: BG061033.D
Acq: 25 Apr 2024 11:18

Tgt Ion:	82	Resp:	135172
Ion Ratio	Lower	Upper	
82	100		
128	40.4	32.1	48.1
54	75.2	62.3	93.5

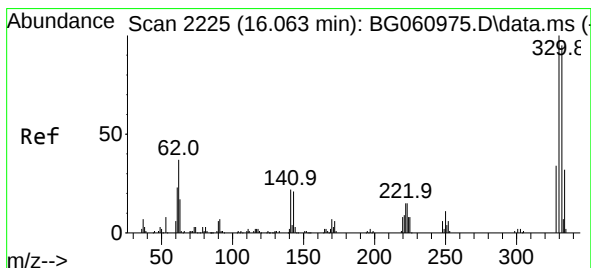
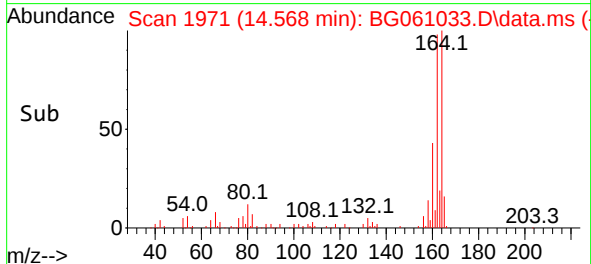
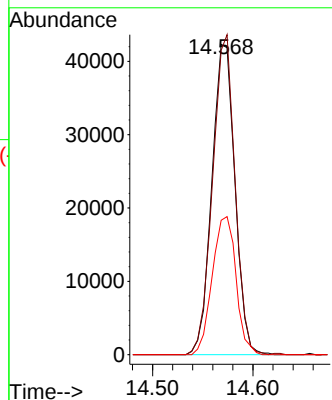
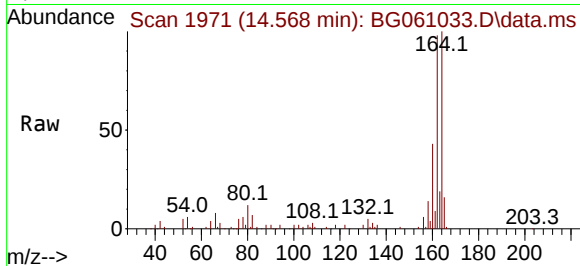




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.568 min Scan# 1971
Delta R.T. -0.002 min
Lab File: BG061033.D
Acq: 25 Apr 2024 11:18

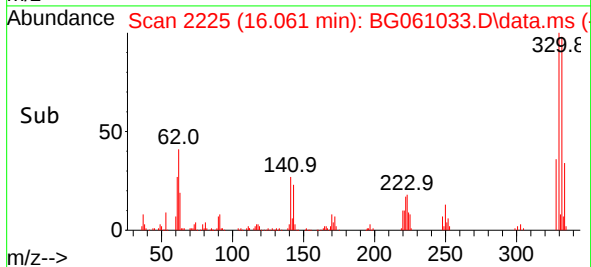
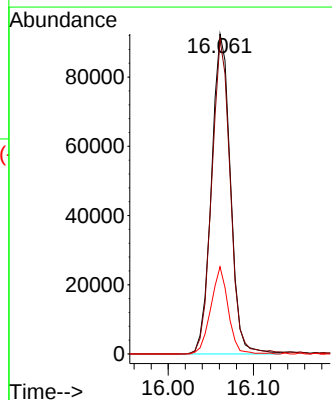
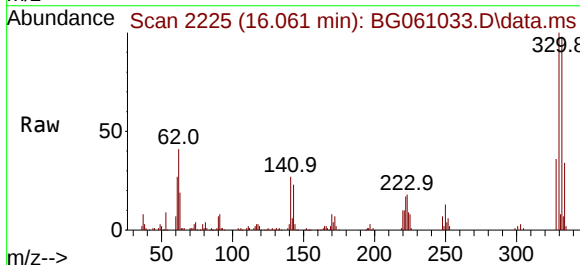
Instrument :
BNA_G
ClientSampleId :
PB160476BL

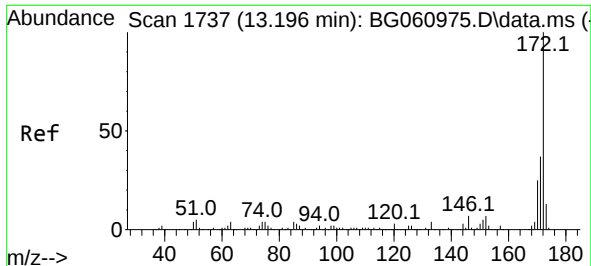
Tgt Ion:164 Resp: 67542
Ion Ratio Lower Upper
164 100
162 98.0 81.2 121.8
160 43.3 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 96.245 ng
RT: 16.061 min Scan# 2225
Delta R.T. -0.002 min
Lab File: BG061033.D
Acq: 25 Apr 2024 11:18

Tgt Ion:330 Resp: 142748
Ion Ratio Lower Upper
330 100
332 96.5 77.1 115.7
141 24.9 20.6 31.0

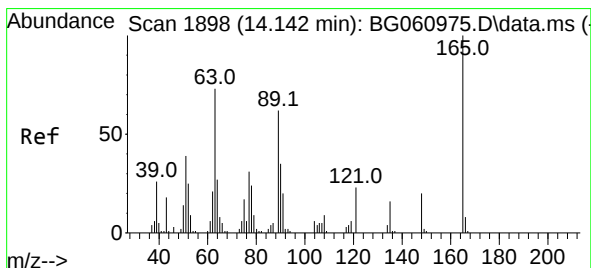
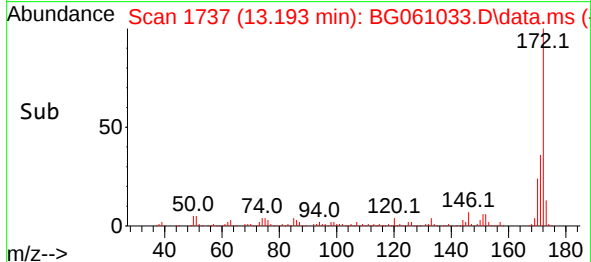
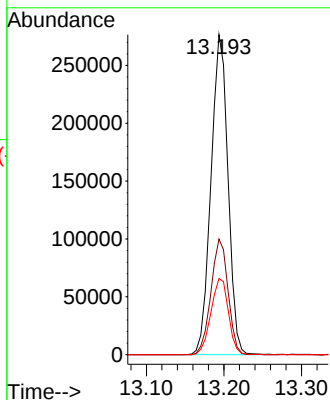
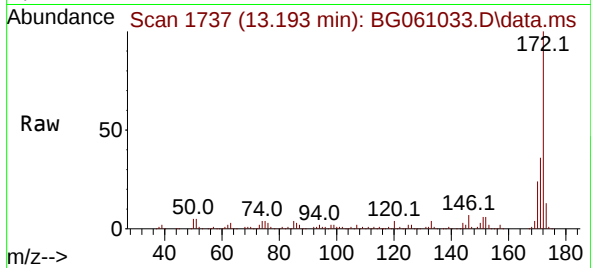




#45
2-Fluorobiphenyl
Concen: 86.283 ng
RT: 13.193 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG061033.D
Acq: 25 Apr 2024 11:18

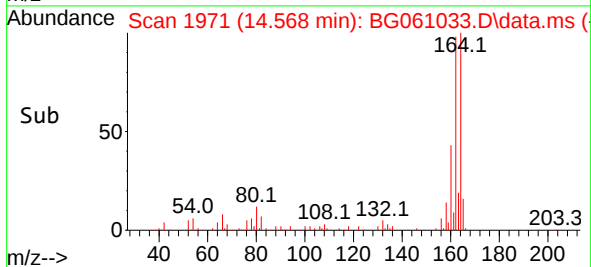
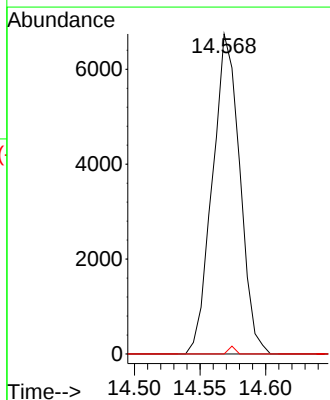
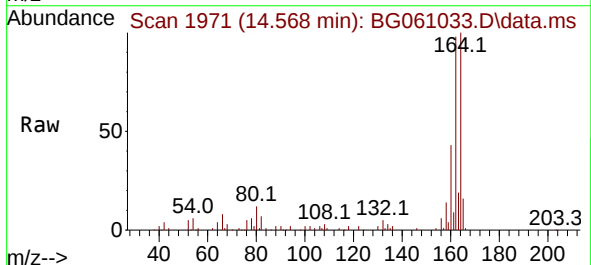
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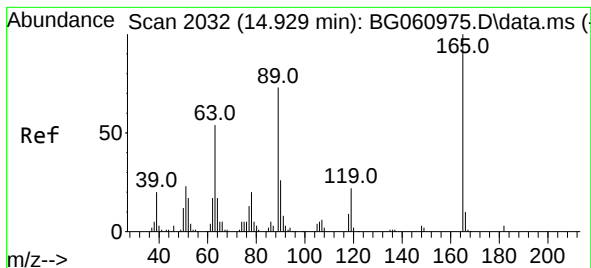
Tgt Ion:172 Resp: 421075
Ion Ratio Lower Upper
172 100
171 36.1 29.3 43.9
170 23.8 20.1 30.1



#51
2,6-Dinitrotoluene
Concen: 8.412 ng
RT: 14.568 min Scan# 1971
Delta R.T. 0.427 min
Lab File: BG061033.D
Acq: 25 Apr 2024 11:18

Tgt Ion:165 Resp: 9776
Ion Ratio Lower Upper
165 100
63 0.0 59.6 89.4#
89 0.0 49.4 74.0#

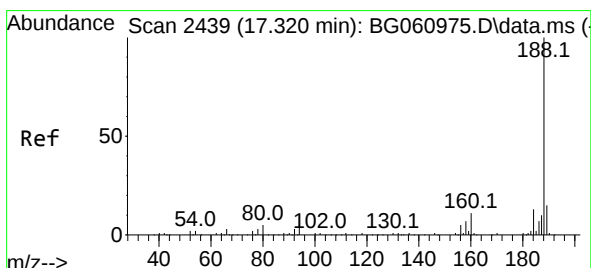
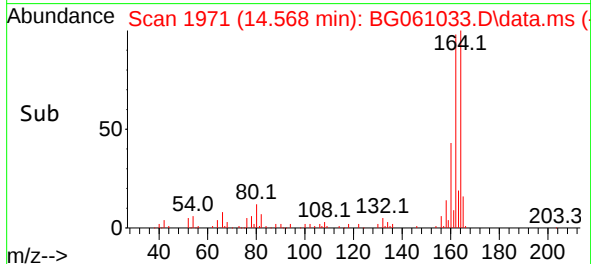
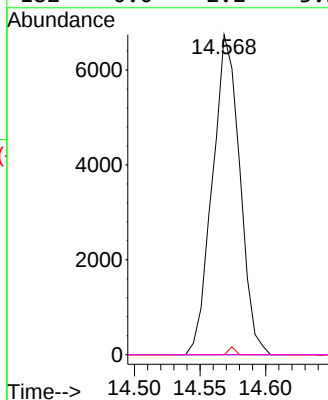
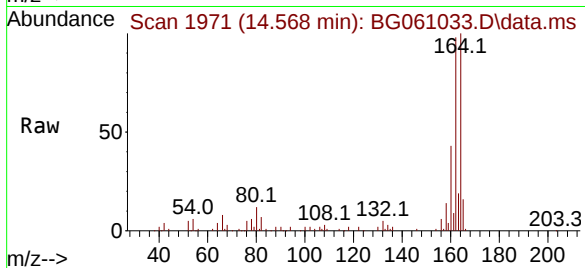




#57
2,4-Dinitrotoluene
Concen: 5.841 ng
RT: 14.568 min Scan# 1971
Delta R.T. -0.360 min
Lab File: BG061033.D
Acq: 25 Apr 2024 11:18

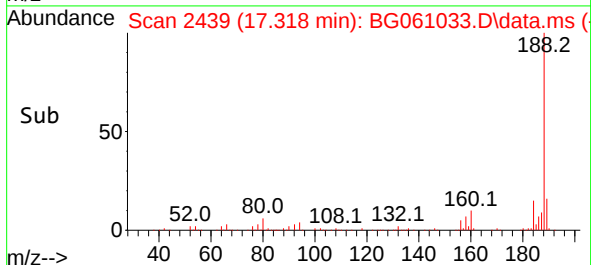
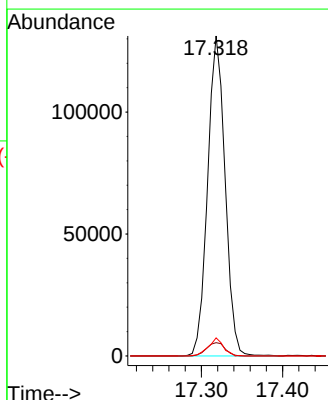
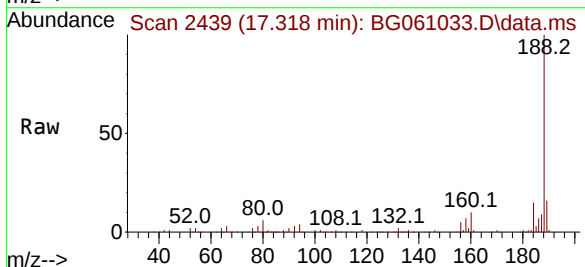
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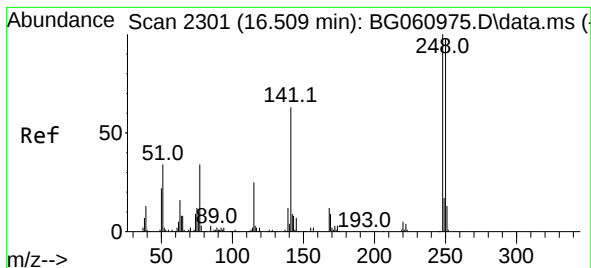
Tgt Ion:165	Resp:	9776
Ion	Ratio	Lower Upper
165	100	
63	0.0	43.4 65.2#
89	0.0	58.4 87.6#
182	0.0	2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.318 min Scan# 2439
Delta R.T. -0.002 min
Lab File: BG061033.D
Acq: 25 Apr 2024 11:18

Tgt Ion:188	Resp:	195480
Ion	Ratio	Lower Upper
188	100	
94	4.2	4.1 6.1
80	5.7	4.0 6.0

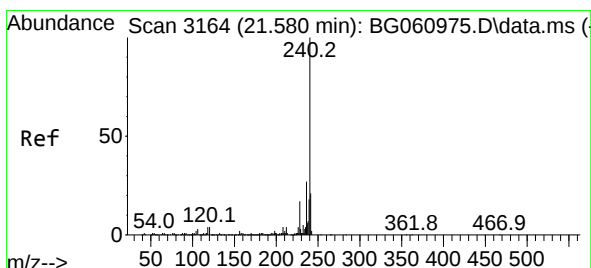
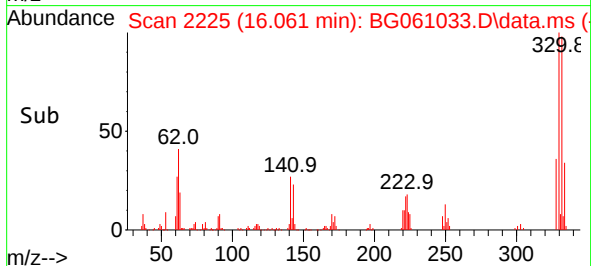
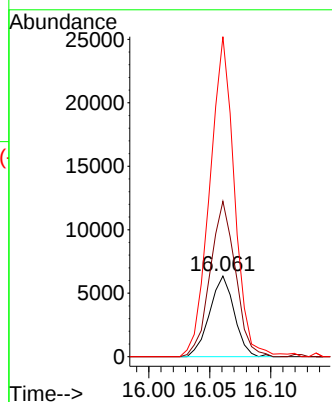
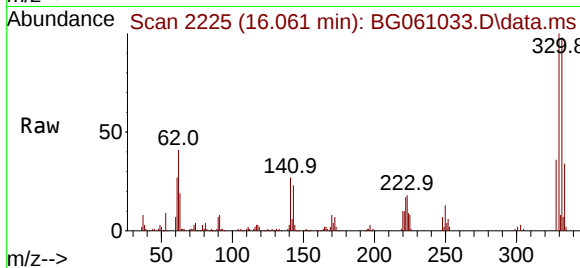




#67
4-Bromophenyl-phenylether
Concen: 3.470 ng
RT: 16.061 min Scan# 21
Delta R.T. -0.449 min
Lab File: BG061033.D
Acq: 25 Apr 2024 11:18

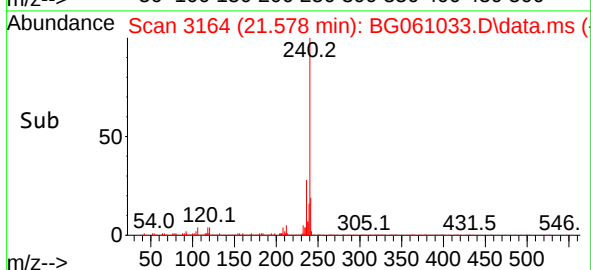
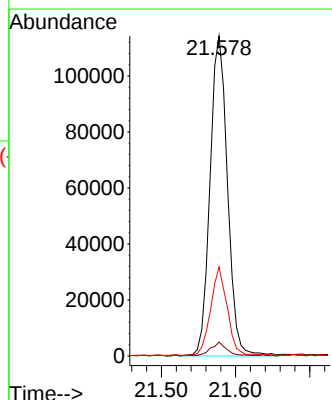
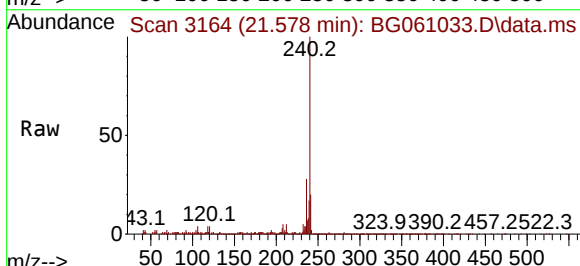
Instrument :
BNA_G
ClientSampleId :
PB160476BL

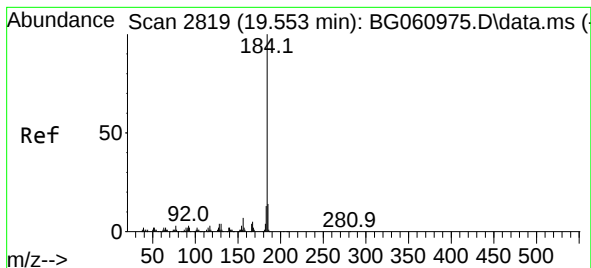
Tgt Ion:248 Resp: 8953
Ion Ratio Lower Upper
248 100
250 192.5 78.7 118.1#
141 396.5 50.4 75.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.578 min Scan# 3164
Delta R.T. -0.002 min
Lab File: BG061033.D
Acq: 25 Apr 2024 11:18

Tgt Ion:240 Resp: 187558
Ion Ratio Lower Upper
240 100
120 4.3 3.0 4.6
236 27.8 21.8 32.6





#77

Benzidine

Concen: 4.914 ng

RT: 19.939 min Scan# 2885

Delta R.T. 0.386 min

Lab File: BG061033.D

Acq: 25 Apr 2024 11:18

Instrument :

BNA_G

ClientSampleId :

PB160476BL

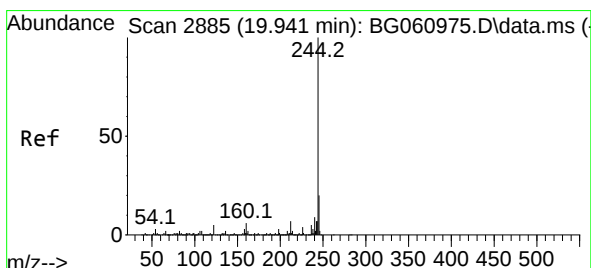
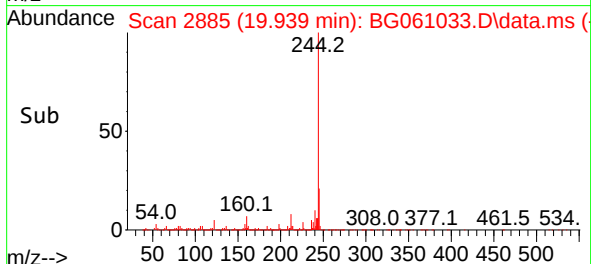
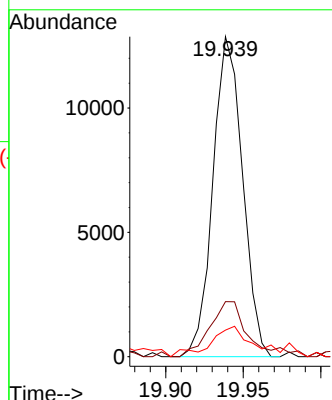
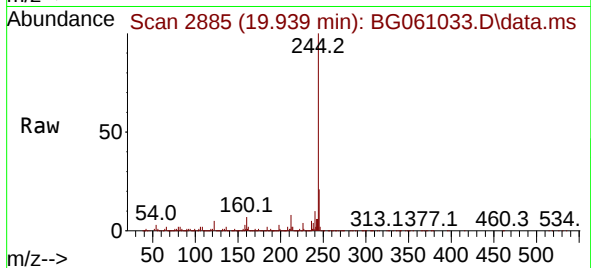
Tgt Ion:184 Resp: 17078

Ion Ratio Lower Upper

184 100

185 17.2 11.3 16.9#

183 8.3 10.2 15.2#



#79

Terphenyl-d14

Concen: 85.948 ng

RT: 19.944 min Scan# 2886

Delta R.T. 0.004 min

Lab File: BG061033.D

Acq: 25 Apr 2024 11:18

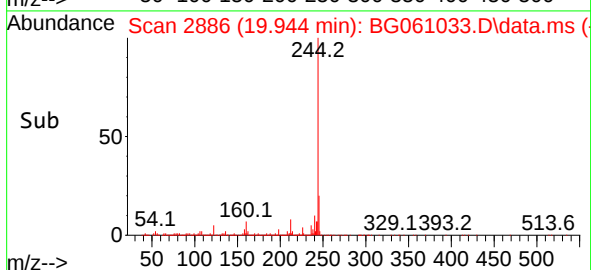
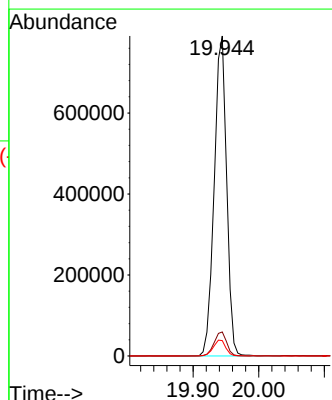
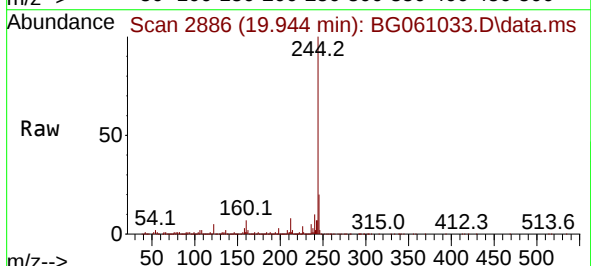
Tgt Ion:244 Resp: 1038521

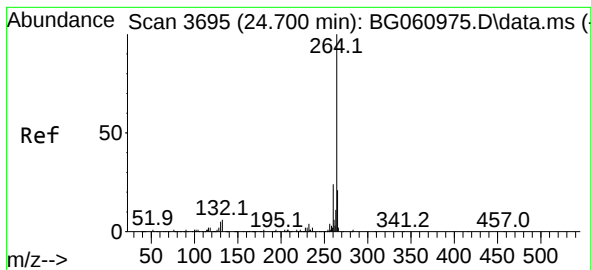
Ion Ratio Lower Upper

244 100

212 7.5 5.9 8.9

122 4.8 4.2 6.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.709 min Scan# 30

Delta R.T. 0.010 min

Lab File: BG061033.D

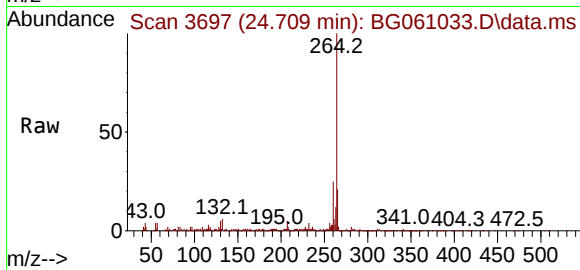
Acq: 25 Apr 2024 11:18

Instrument :

BNA_G

ClientSampleId :

PB160476BL



Tgt Ion:264 Resp: 213055

Ion Ratio Lower Upper

264 100

260 25.5 19.4 29.2

265 21.2 17.0 25.4

