

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051424\
 Data File : BG061189.D
 Acq On : 14 May 2024 14:11
 Operator : MA/JU
 Sample : PB160877BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160877BL

Quant Time: May 14 14:50:18 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)

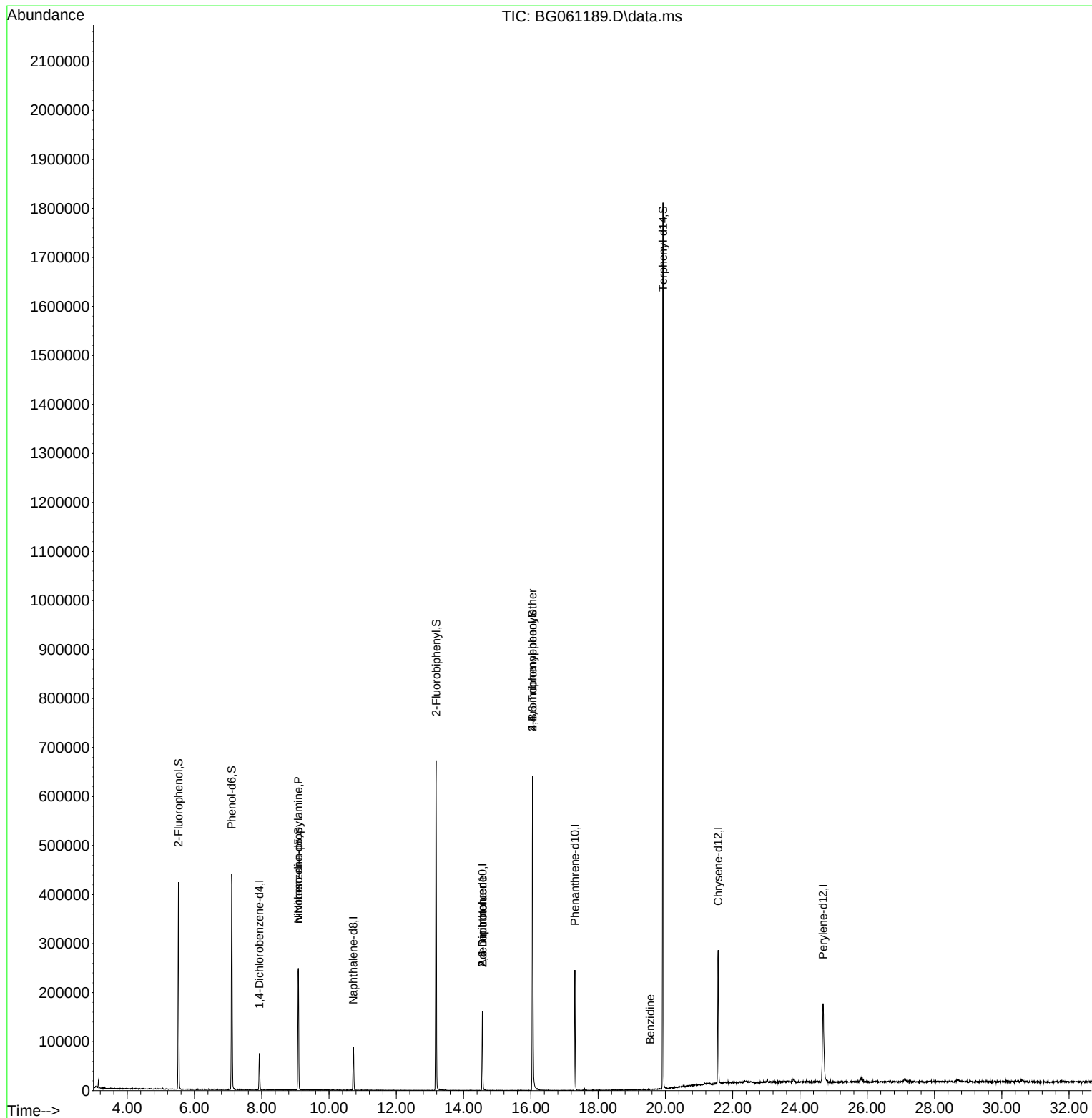
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	18265	20.000	ng	-0.03
21) Naphthalene-d8	10.721	136	69036	20.000	ng	#-0.04
39) Acenaphthene-d10	14.557	164	58929	20.000	ng	-0.03
64) Phenanthrene-d10	17.307	188	165625	20.000	ng	-0.03
76) Chrysene-d12	21.567	240	177184	20.000	ng	-0.03
86) Perylene-d12	24.687	264	205146	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.527	112	144088	160.436	ng	-0.02
7) Phenol-d6	7.107	99	198079	149.091	ng	-0.03
23) Nitrobenzene-d5	9.087	82	127610	91.632	ng	-0.03
42) 2,4,6-Tribromophenol	16.050	330	153985	130.730	ng	-0.03
45) 2-Fluorobiphenyl	13.183	172	347032	87.081	ng	-0.03
79) Terphenyl-d14	19.928	244	934813	87.746	ng	-0.03
Target Compounds						Qvalue
9) Benzaldehyde	7.101	77	439	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	9.087	70	19538	19.651	ng	# 54
51) 2,6-Dinitrotoluene	14.557	165	7247	7.444	ng	# 15
57) 2,4-Dinitrotoluene	14.557	165	7247	5.031	ng	# 17
67) 4-Bromophenyl-phenylether	16.050	248	9618	4.930	ng	# 1
77) Benzidine	19.552	184	831	3.028	ng	# 56

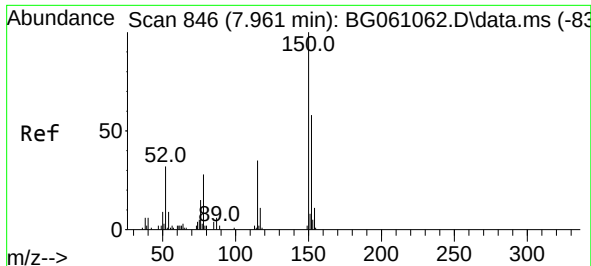
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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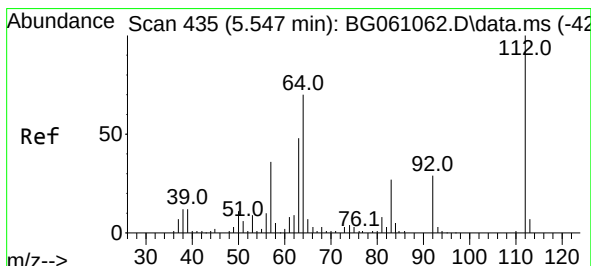
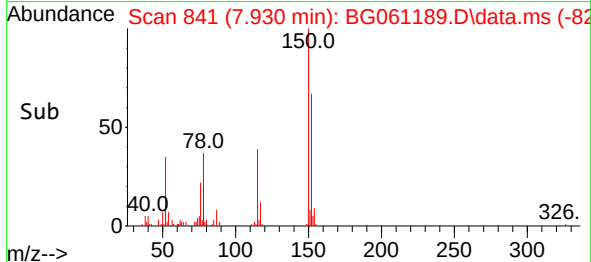
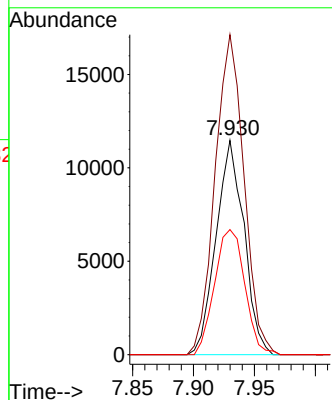
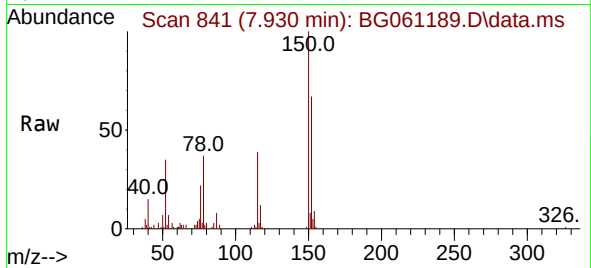




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.930 min Scan# 846
Delta R.T. -0.031 min
Lab File: BG061189.D
Acq: 14 May 2024 14:11

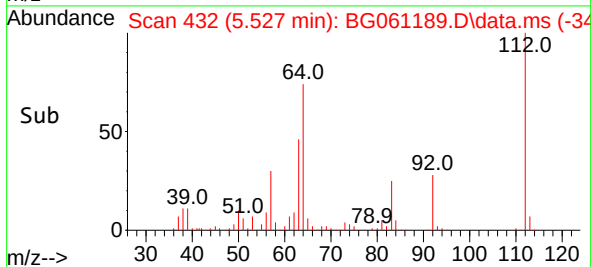
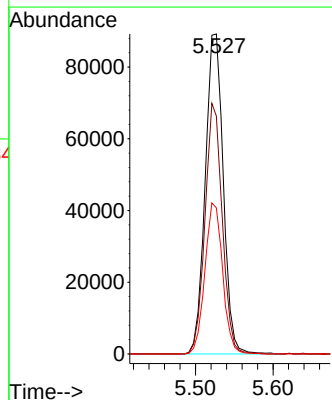
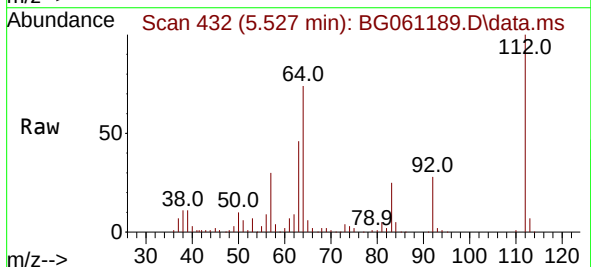
Instrument :
BNA_G
ClientSampleId :
PB160877BL

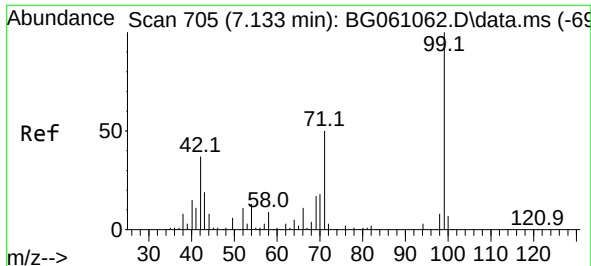
Tgt Ion:152 Resp: 18265
Ion Ratio Lower Upper
152 100
150 149.3 138.3 207.5
115 58.4 48.0 72.0



#5
2-Fluorophenol
Concen: 160.436 ng
RT: 5.527 min Scan# 432
Delta R.T. -0.020 min
Lab File: BG061189.D
Acq: 14 May 2024 14:11

Tgt Ion:112 Resp: 144088
Ion Ratio Lower Upper
112 100
64 74.4 55.7 83.5
63 45.6 38.1 57.1

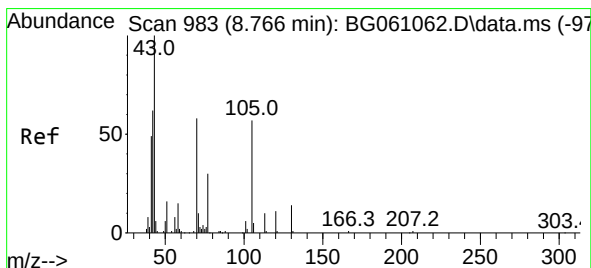
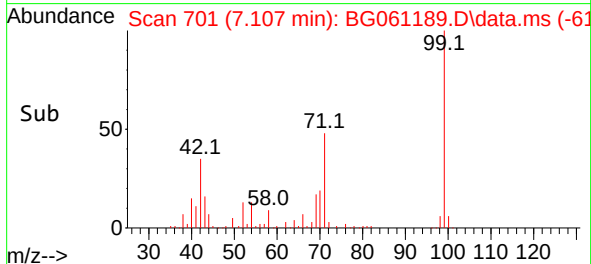
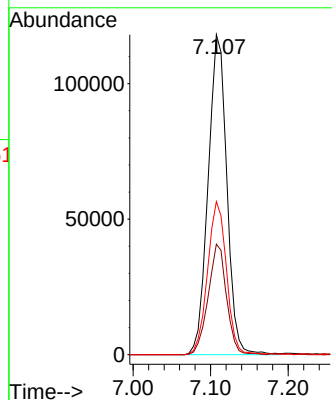
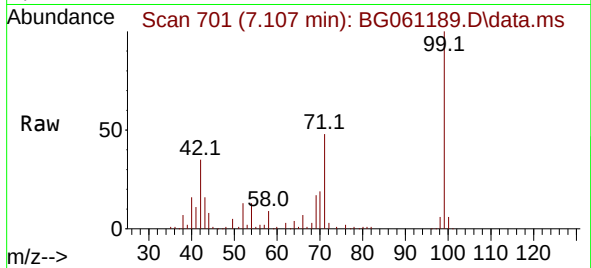




#7
Phenol-d6
Concen: 149.091 ng
RT: 7.107 min Scan# 705
Delta R.T. -0.026 min
Lab File: BG061189.D
Acq: 14 May 2024 14:11

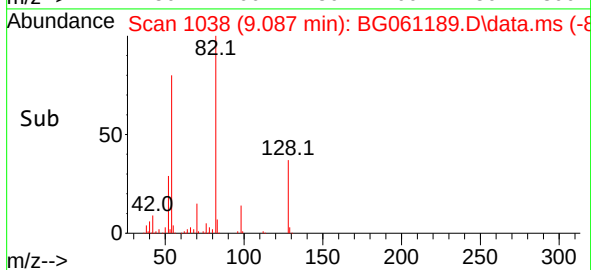
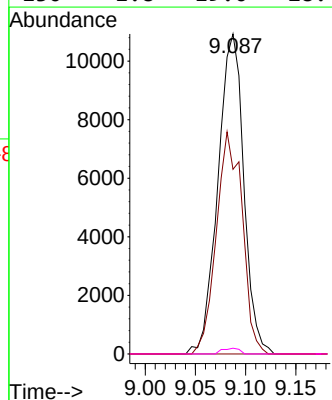
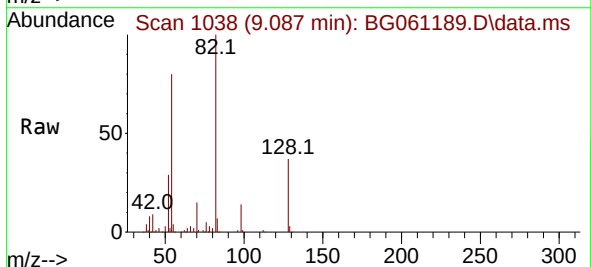
Instrument :
BNA_G
ClientSampleId :
PB160877BL

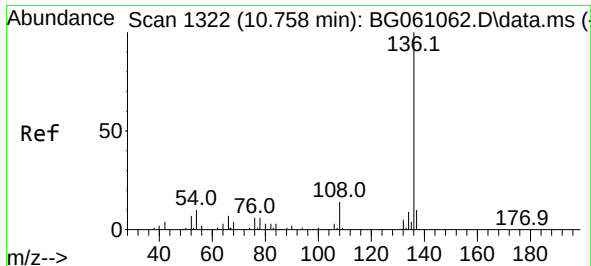
Tgt Ion: 99 Resp: 198079
Ion Ratio Lower Upper
99 100
42 34.6 29.2 43.8
71 47.9 39.7 59.5



#19
n-Nitroso-di-n-propylamine
Concen: 19.651 ng
RT: 9.087 min Scan# 1038
Delta R.T. 0.321 min
Lab File: BG061189.D
Acq: 14 May 2024 14:11

Tgt Ion: 70 Resp: 19538
Ion Ratio Lower Upper
70 100
42 57.7 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: 10.721 min Scan# 11
Delta R.T. -0.037 min
Lab File: BG061189.D
Acq: 14 May 2024 14:11

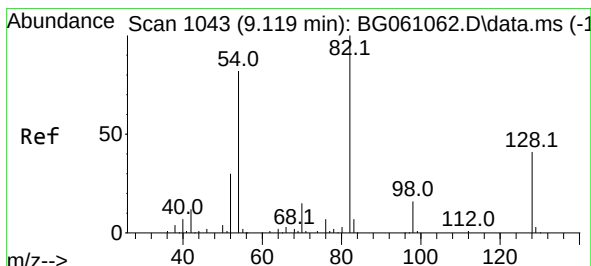
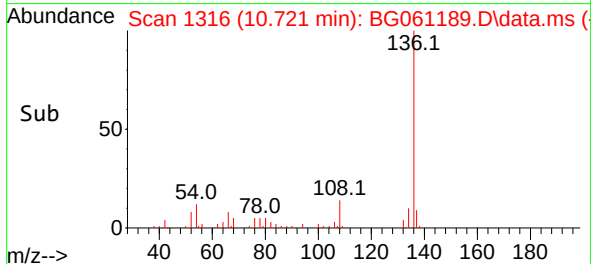
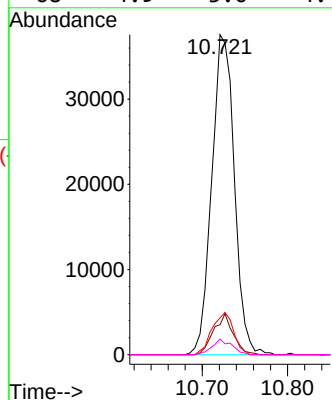
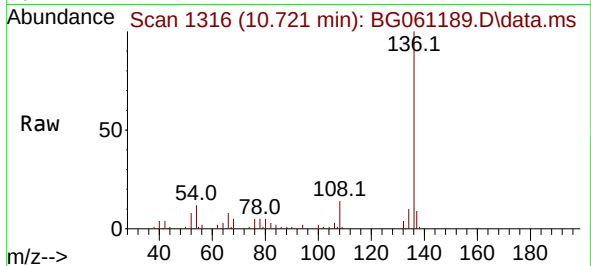
Instrument :

BNA_G

ClientSampleId :

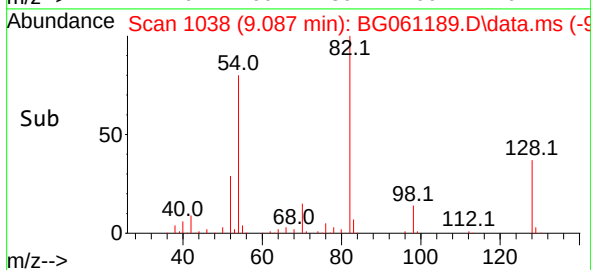
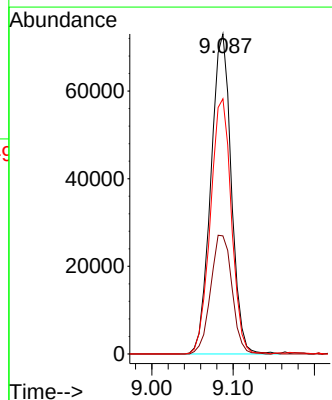
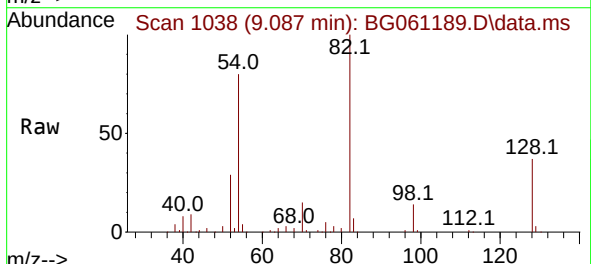
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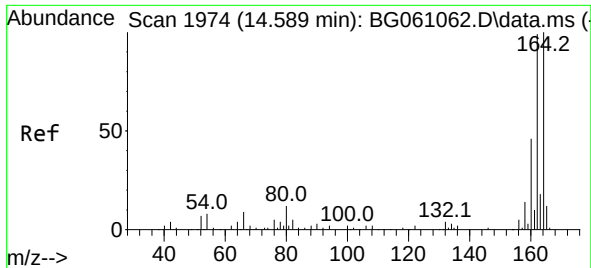
Tgt Ion:136 Resp: 69036
Ion Ratio Lower Upper
136 100
137 9.4 7.8 11.6
54 11.5 8.1 12.1
68 4.9 3.0 4.4#



#23
Nitrobenzene-d5
Concen: 91.632 ng
RT: 9.087 min Scan# 1038
Delta R.T. -0.031 min
Lab File: BG061189.D
Acq: 14 May 2024 14:11

Tgt Ion: 82 Resp: 127610
Ion Ratio Lower Upper
82 100
128 36.9 32.7 49.1
54 79.7 65.6 98.4

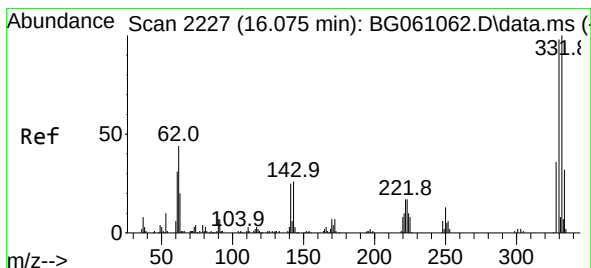
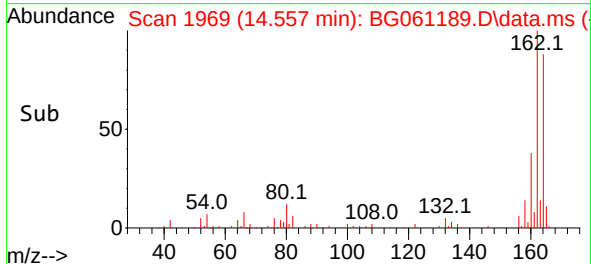
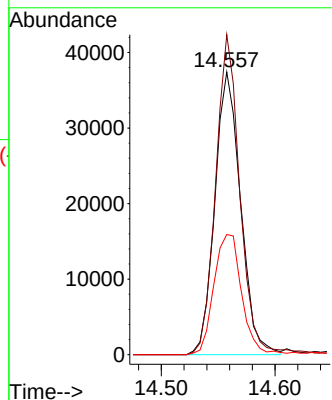
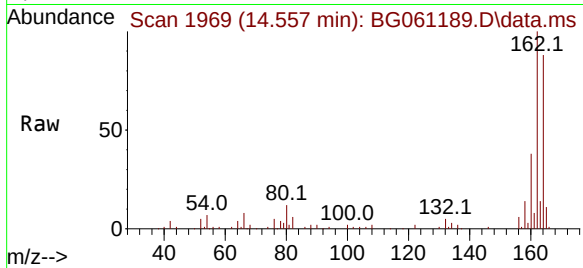




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.557 min Scan# 1969
Delta R.T. -0.031 min
Lab File: BG061189.D
Acq: 14 May 2024 14:11

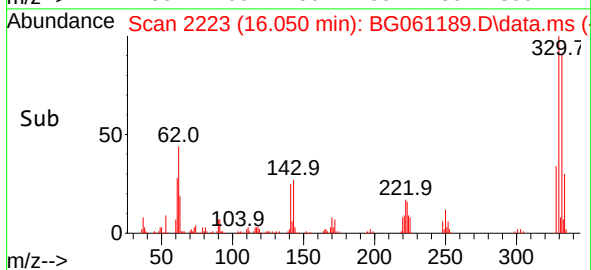
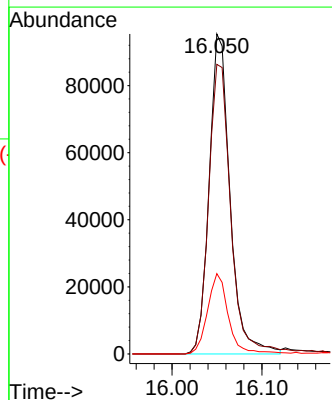
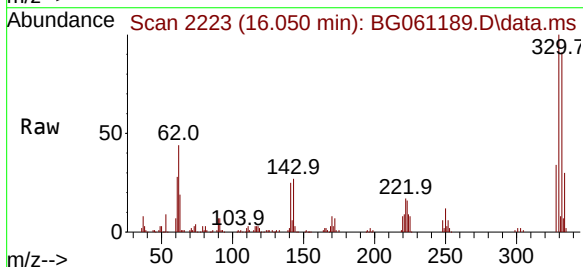
Instrument :
BNA_G
ClientSampleId :
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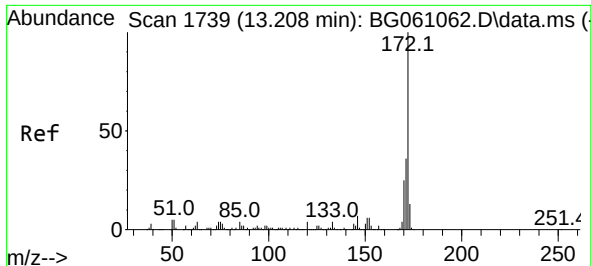
Tgt Ion:164 Resp: 58929
Ion Ratio Lower Upper
164 100
162 113.2 79.4 119.2
160 42.5 37.0 55.6



#42
2,4,6-Tribromophenol
Concen: 130.730 ng
RT: 16.050 min Scan# 2223
Delta R.T. -0.026 min
Lab File: BG061189.D
Acq: 14 May 2024 14:11

Tgt Ion:330 Resp: 153985
Ion Ratio Lower Upper
330 100
332 97.4 78.6 117.8
141 25.1 20.5 30.7

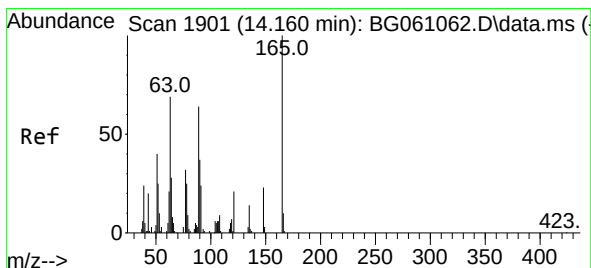
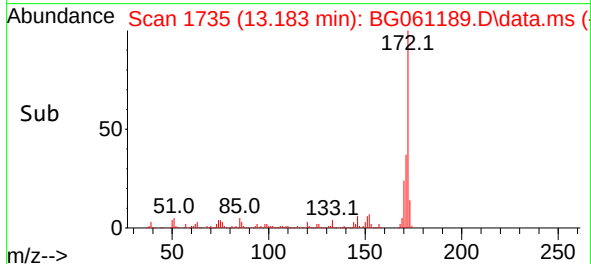
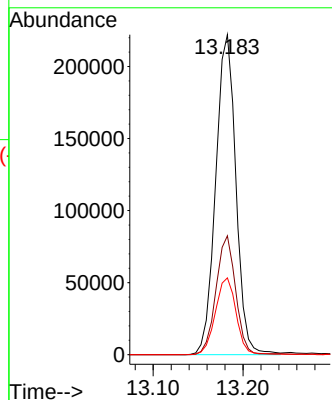
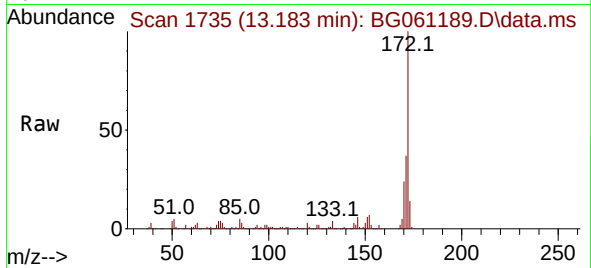




#45
2-Fluorobiphenyl
Concen: 87.081 ng
RT: 13.183 min Scan# 1
Delta R.T. -0.026 min
Lab File: BG061189.D
Acq: 14 May 2024 14:11

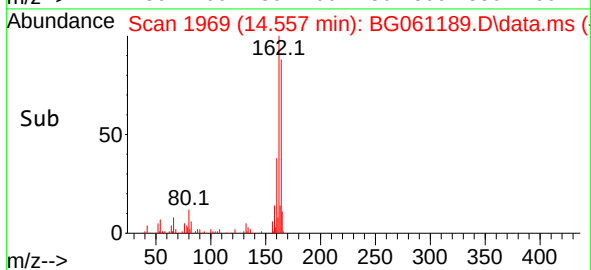
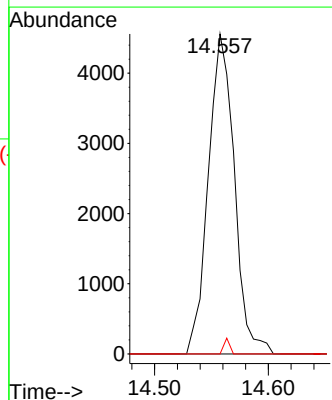
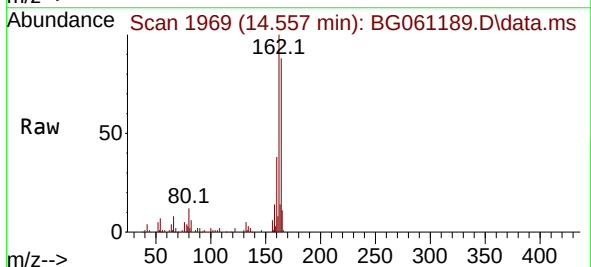
Instrument :
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ClientSampleId :
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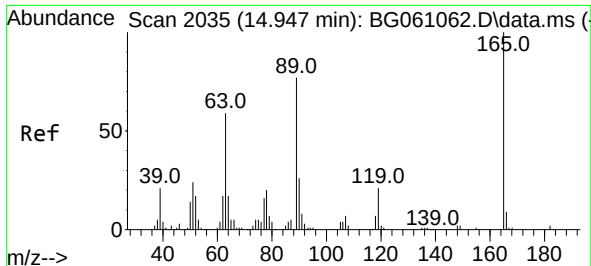
Tgt Ion:172 Resp: 347032
Ion Ratio Lower Upper
172 100
171 37.2 29.0 43.6
170 24.0 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 7.444 ng
RT: 14.557 min Scan# 1969
Delta R.T. 0.397 min
Lab File: BG061189.D
Acq: 14 May 2024 14:11

Tgt Ion:165 Resp: 7247
Ion Ratio Lower Upper
165 100
63 0.0 60.0 90.0#
89 0.0 50.9 76.3#

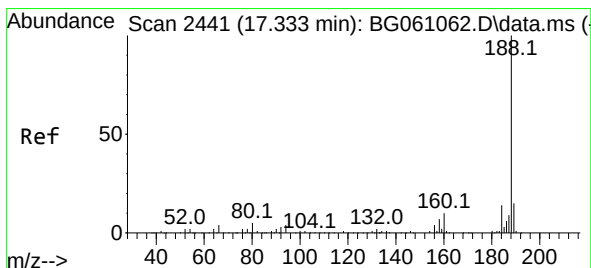
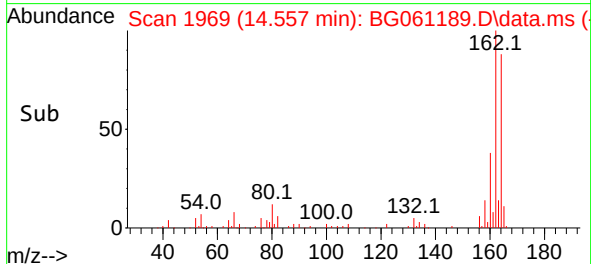
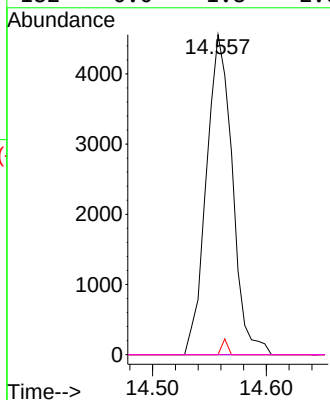
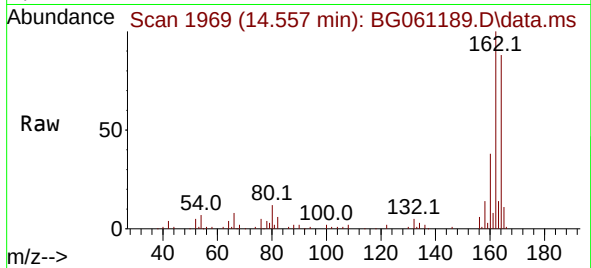




#57
2,4-Dinitrotoluene
Concen: 5.031 ng
RT: 14.557 min Scan# 1969
Delta R.T. -0.390 min
Lab File: BG061189.D
Acq: 14 May 2024 14:11

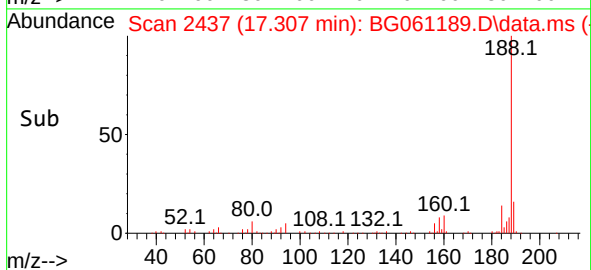
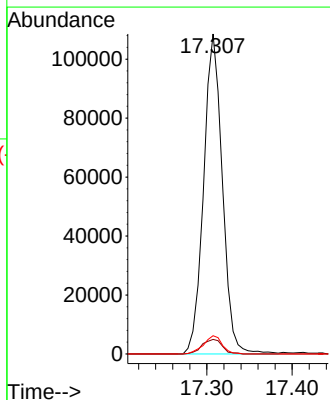
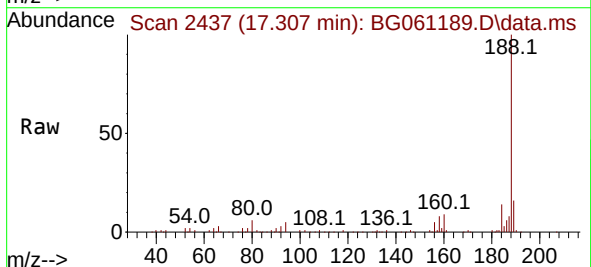
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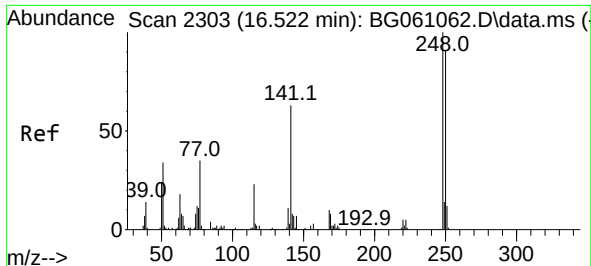
Tgt Ion:	165	Resp:	7247
Ion	Ratio	Lower	Upper
165	100		
63	0.0	47.3	70.9#
89	0.0	61.8	92.8#
182	0.0	1.8	2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.307 min Scan# 2437
Delta R.T. -0.026 min
Lab File: BG061189.D
Acq: 14 May 2024 14:11

Tgt Ion:	188	Resp:	165625
Ion	Ratio	Lower	Upper
188	100		
94	4.6	3.6	5.4
80	5.7	4.2	6.2

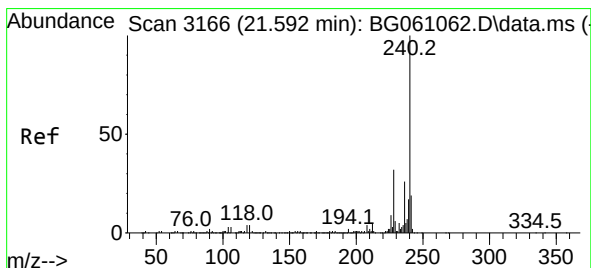
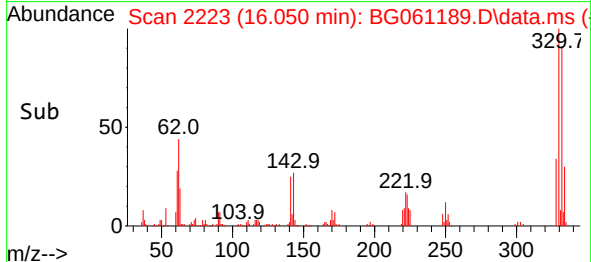
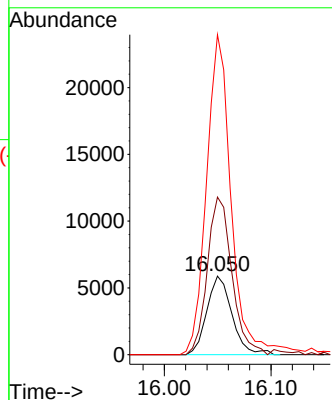
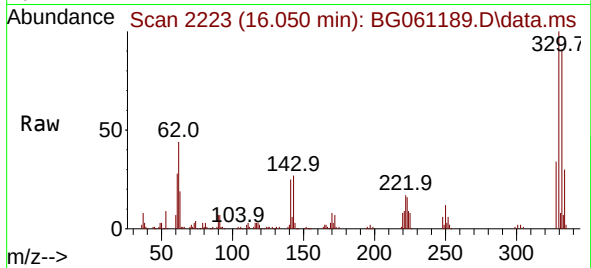




#67
4-Bromophenyl-phenylether
Concen: 4.930 ng
RT: 16.050 min Scan# 21
Delta R.T. -0.472 min
Lab File: BG061189.D
Acq: 14 May 2024 14:11

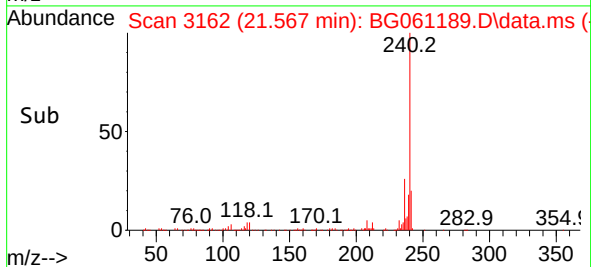
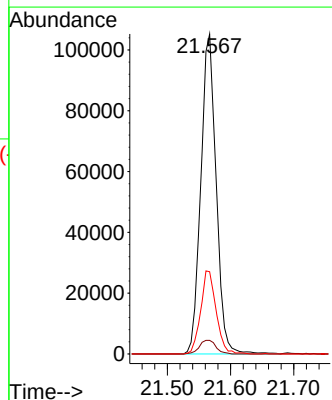
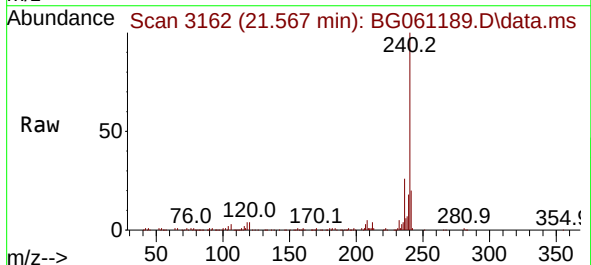
Instrument :
BNA_G
ClientSampleId :
PB160877BL

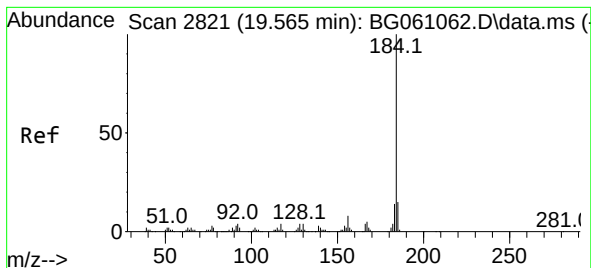
Tgt Ion:248 Resp: 9618
Ion Ratio Lower Upper
248 100
250 200.5 73.0 109.4#
141 407.1 50.8 76.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.567 min Scan# 3162
Delta R.T. -0.026 min
Lab File: BG061189.D
Acq: 14 May 2024 14:11

Tgt Ion:240 Resp: 177184
Ion Ratio Lower Upper
240 100
120 4.3 3.2 4.8
236 25.7 21.0 31.6





#77

Benzidine

Concen: 3.028 ng

RT: 19.552 min Scan# 21

Delta R.T. -0.013 min

Lab File: BG061189.D

Acq: 14 May 2024 14:11

Instrument :

BNA_G

ClientSampleId :

PB160877BL

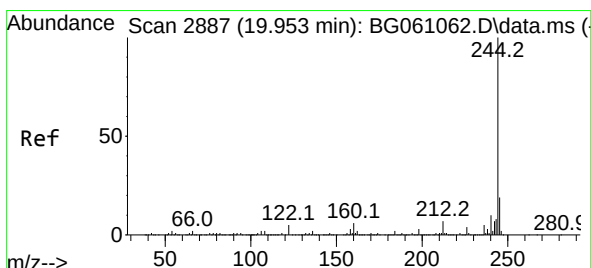
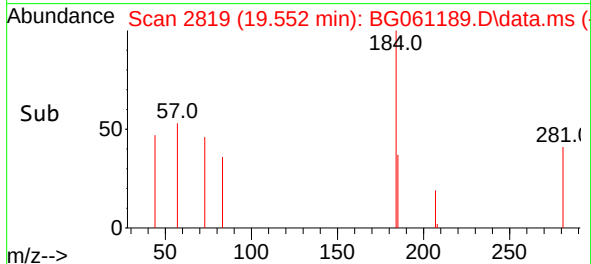
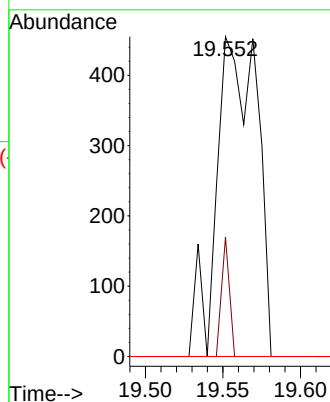
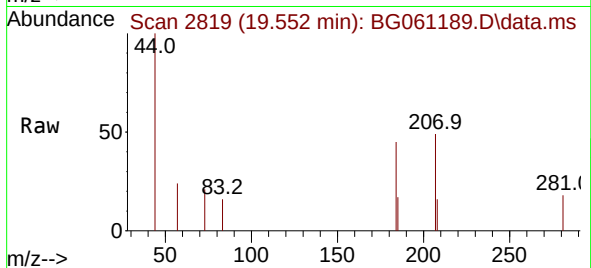
Tgt Ion:184 Resp: 831

Ion Ratio Lower Upper

184 100

185 37.4 12.0 18.0#

183 0.0 10.9 16.3#



#79

Terphenyl-d14

Concen: 87.746 ng

RT: 19.928 min Scan# 2883

Delta R.T. -0.026 min

Lab File: BG061189.D

Acq: 14 May 2024 14:11

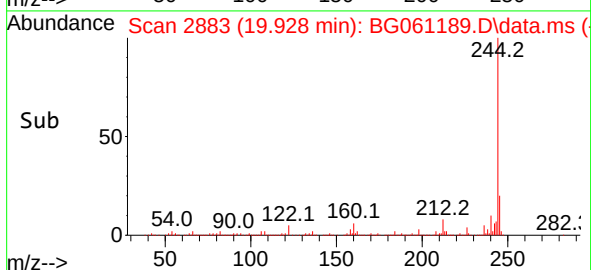
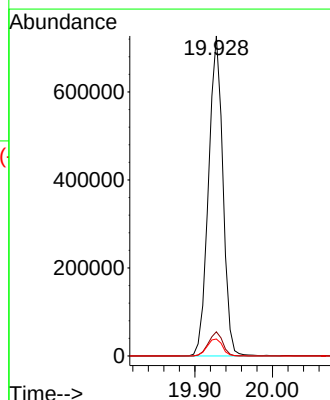
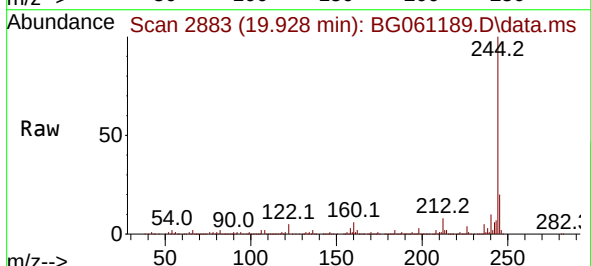
Tgt Ion:244 Resp: 934813

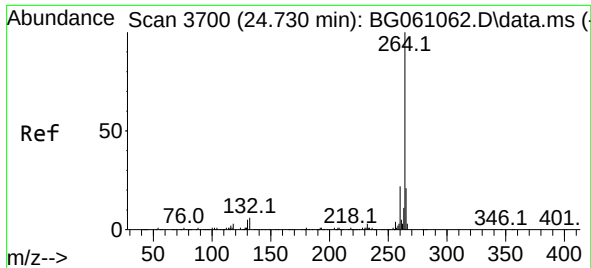
Ion Ratio Lower Upper

244 100

212 7.6 5.7 8.5

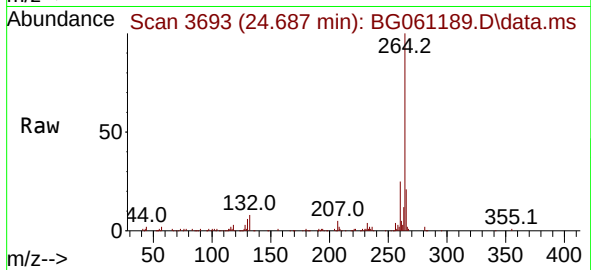
122 5.3 4.2 6.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.687 min Scan# 30
 Delta R.T. -0.043 min
 Lab File: BG061189.D
 Acq: 14 May 2024 14:11

Instrument :
 BNA_G
 ClientSampleId :
 PB160877BL



Tgt Ion:	264	Resp:	205146
Ion Ratio	Lower	Upper	
264	100		
260	25.1	17.7	26.5
265	21.0	16.4	24.6

