

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050324\
 Data File : BG061105.D
 Acq On : 3 May 2024 14:06
 Operator : MA/JU
 Sample : P2331-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Quant Time: May 03 14:55:18 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)

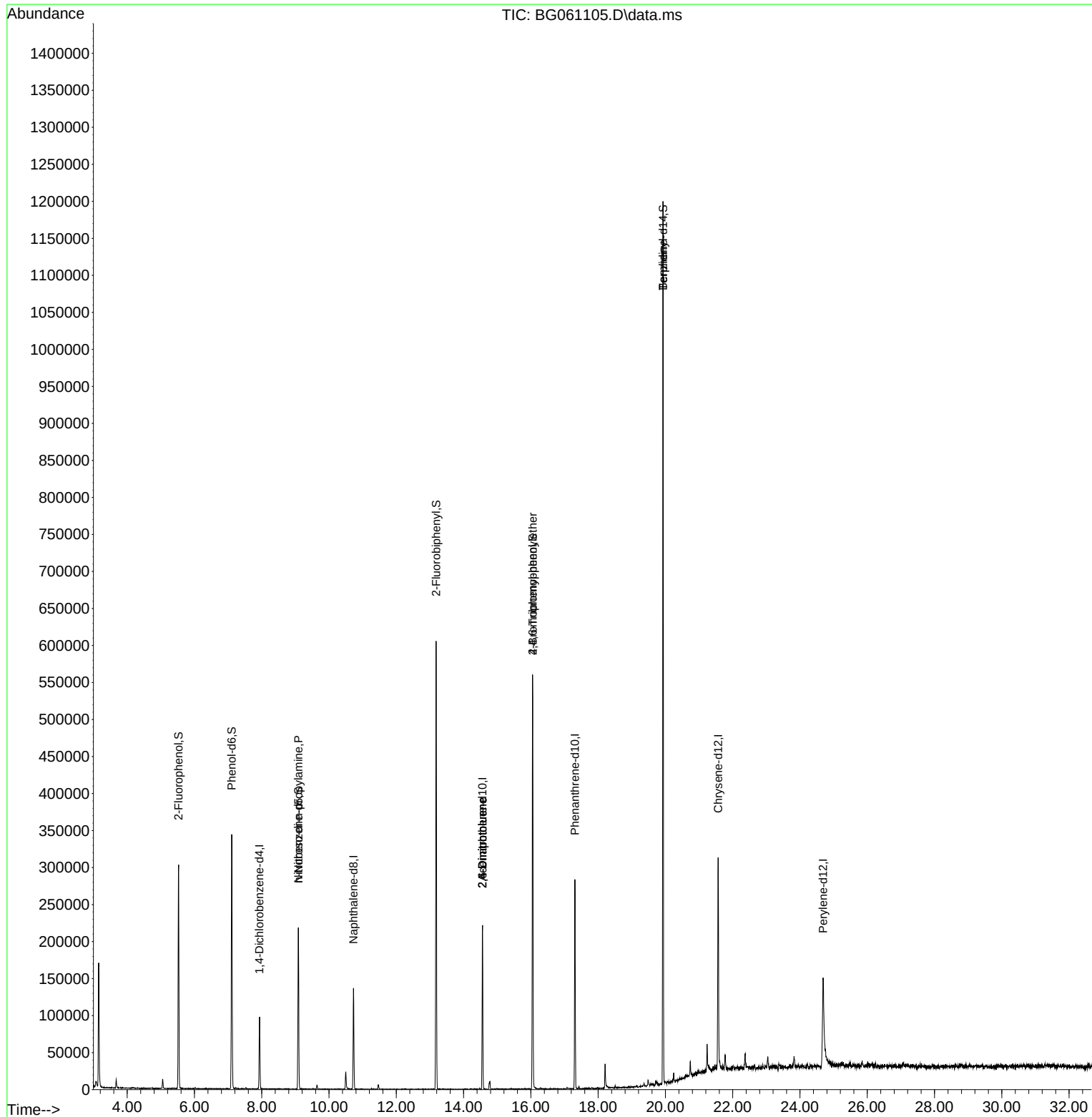
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	24771	20.000	ng	-0.03
21) Naphthalene-d8	10.727	136	100967	20.000	ng	-0.03
39) Acenaphthene-d10	14.563	164	80700	20.000	ng	-0.03
64) Phenanthrene-d10	17.307	188	183440	20.000	ng	-0.03
76) Chrysene-d12	21.567	240	187182	20.000	ng	-0.03
86) Perylene-d12	24.687	264	178158	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.527	112	108574	89.141	ng	-0.02
7) Phenol-d6	7.107	99	154290	85.630	ng	-0.03
23) Nitrobenzene-d5	9.087	82	110311	54.160	ng	-0.03
42) 2,4,6-Tribromophenol	16.056	330	128016	79.363	ng	-0.02
45) 2-Fluorobiphenyl	13.183	172	308113	56.457	ng	-0.03
79) Terphenyl-d14	19.928	244	607701	53.995	ng	-0.03
Target Compounds						
9) Benzaldehyde	7.107	77	389	Below Cal	Qvalue	# 3
19) n-Nitroso-di-n-propyla...	9.087	70	17299	12.829 ng	#	62
51) 2,6-Dinitrotoluene	14.557	165	10908	8.181 ng	#	15
57) 2,4-Dinitrotoluene	14.557	165	10908	5.530 ng	#	17
67) 4-Bromophenyl-phenylether	16.056	248	7904	3.658 ng	#	1
77) Benzidine	19.928	184	9945	5.425 ng	#	89

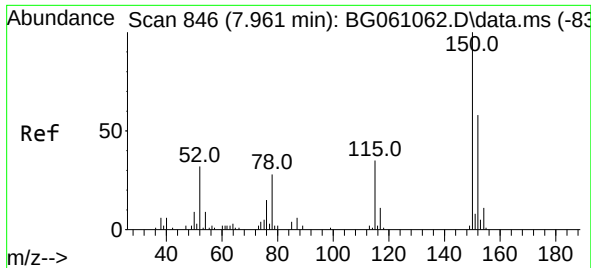
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050324\
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Quant Time: May 03 14:55:18 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

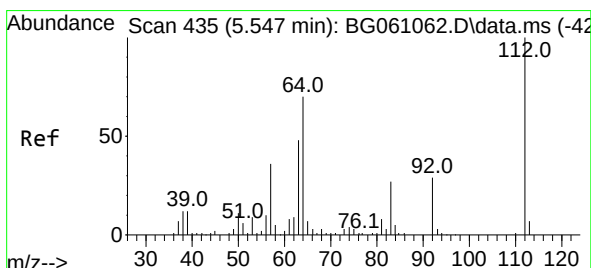
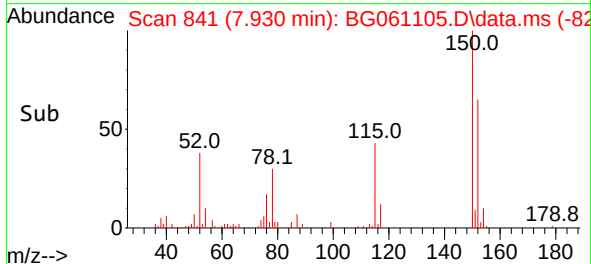
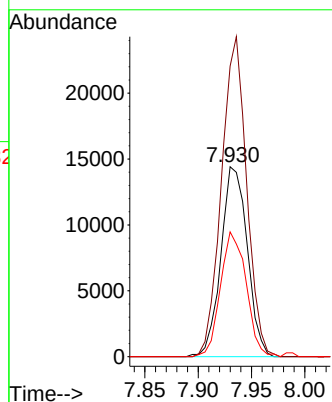
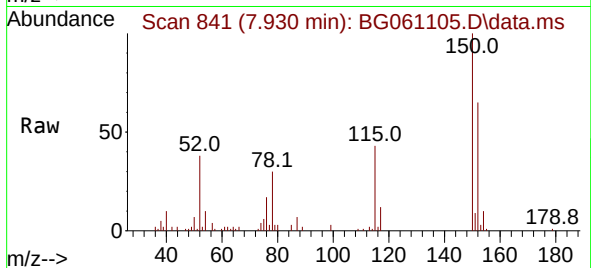




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.930 min Scan# 846
Delta R.T. -0.031 min
Lab File: BG061105.D
Acq: 3 May 2024 14:06

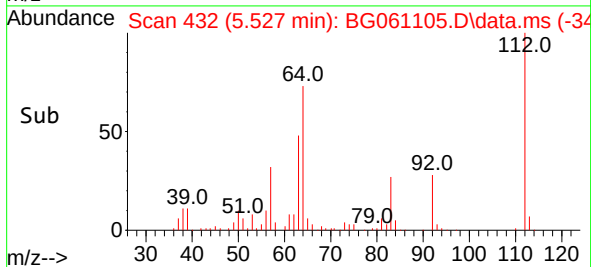
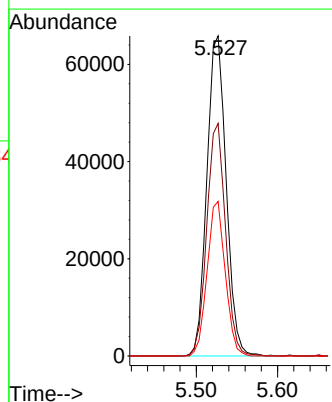
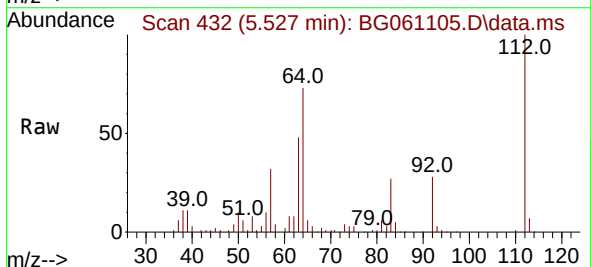
Instrument :
BNA_G
ClientSampleId :
TP-1

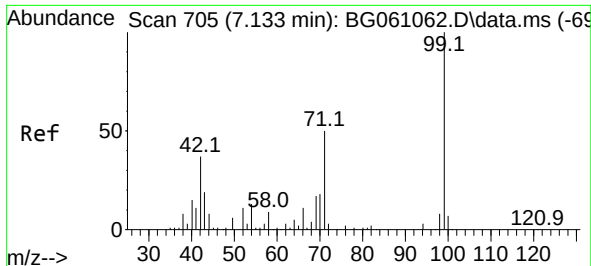
Tgt Ion:152 Resp: 24771
Ion Ratio Lower Upper
152 100
150 153.0 138.3 207.5
115 65.7 48.0 72.0



#5
2-Fluorophenol
Concen: 89.141 ng
RT: 5.527 min Scan# 432
Delta R.T. -0.020 min
Lab File: BG061105.D
Acq: 3 May 2024 14:06

Tgt Ion:112 Resp: 108574
Ion Ratio Lower Upper
112 100
64 72.6 55.7 83.5
63 48.3 38.1 57.1





#7

Phenol-d6

Concen: 85.630 ng

RT: 7.107 min Scan# 705

Delta R.T. -0.026 min

Lab File: BG061105.D

Acq: 3 May 2024 14:06

Instrument :

BNA_G

ClientSampleId :

TP-1

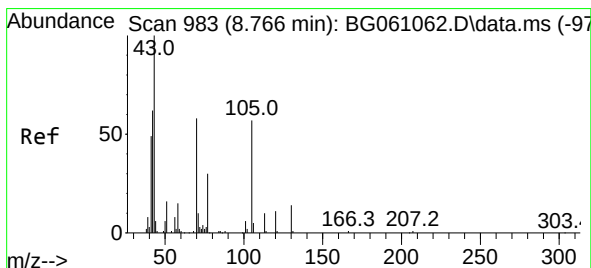
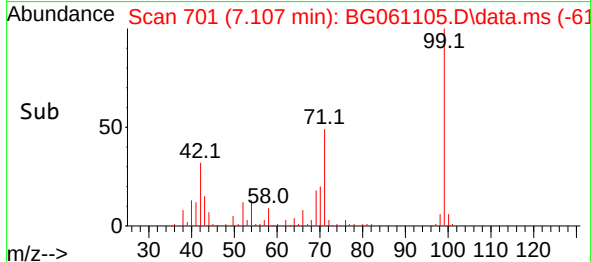
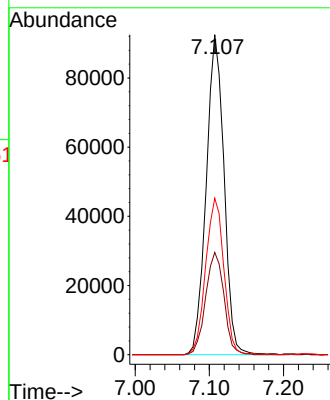
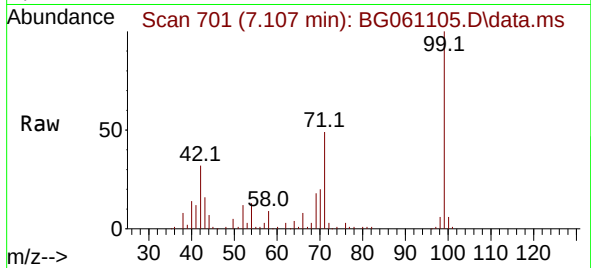
Tgt Ion: 99 Resp: 154290

Ion Ratio Lower Upper

99 100

42 31.9 29.2 43.8

71 48.9 39.7 59.5



#19

n-Nitroso-di-n-propylamine

Concen: 12.829 ng

RT: 9.087 min Scan# 1038

Delta R.T. 0.321 min

Lab File: BG061105.D

Acq: 3 May 2024 14:06

Tgt Ion: 70 Resp: 17299

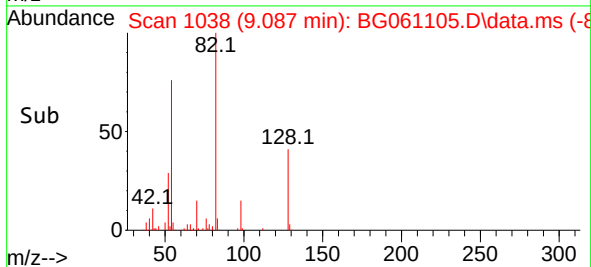
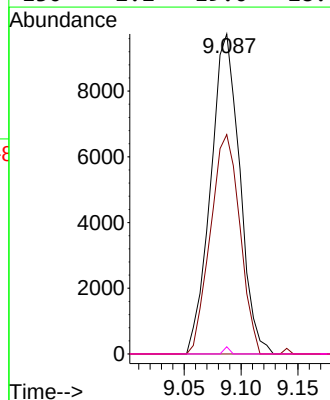
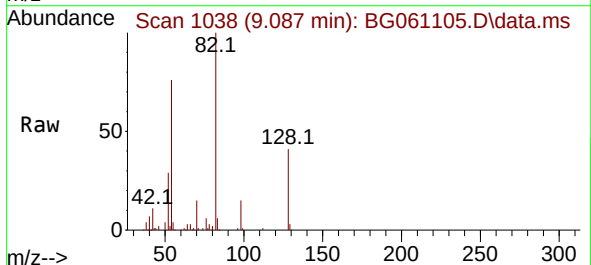
Ion Ratio Lower Upper

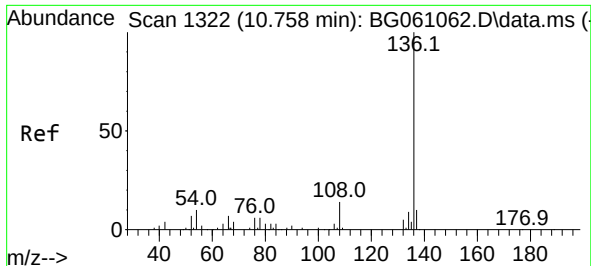
70 100

42 68.6 86.4 129.6#

101 0.0 7.8 11.8#

130 2.2 19.0 28.4#

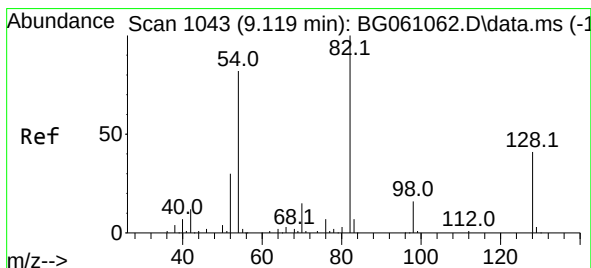
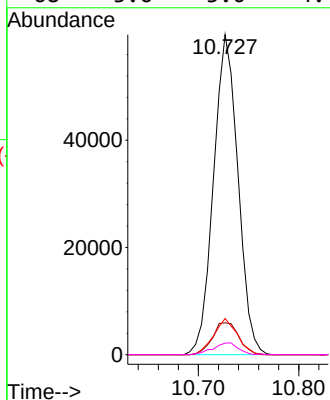
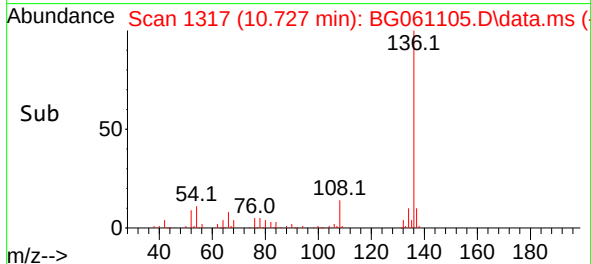
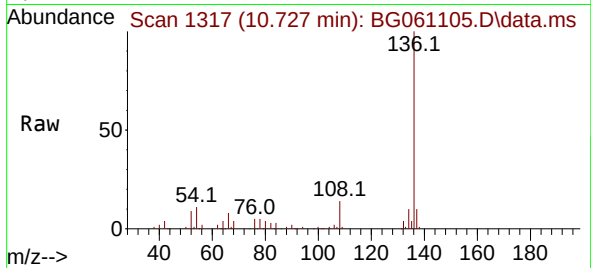




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.727 min Scan# 11
Delta R.T. -0.032 min
Lab File: BG061105.D
Acq: 3 May 2024 14:06

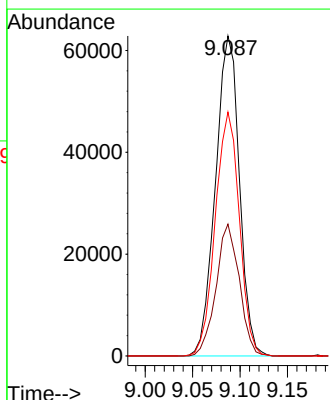
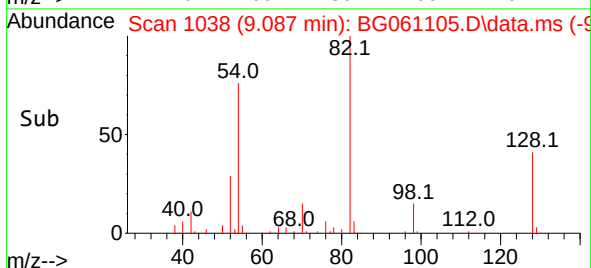
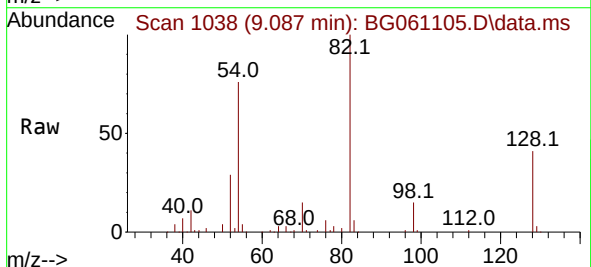
Instrument :
BNA_G
ClientSampleId :
TP-1

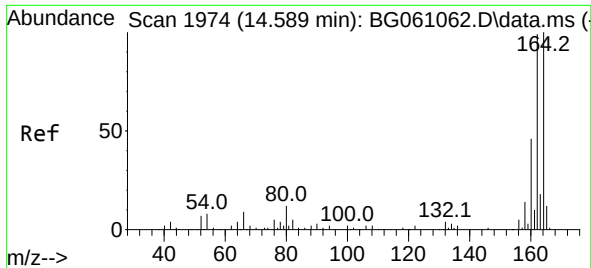
Tgt Ion:136 Resp: 100967
Ion Ratio Lower Upper
136 100
137 9.9 7.8 11.6
54 11.3 8.1 12.1
68 3.6 3.0 4.4



#23
Nitrobenzene-d5
Concen: 54.160 ng
RT: 9.087 min Scan# 1038
Delta R.T. -0.032 min
Lab File: BG061105.D
Acq: 3 May 2024 14:06

Tgt Ion: 82 Resp: 110311
Ion Ratio Lower Upper
82 100
128 41.2 32.7 49.1
54 76.2 65.6 98.4

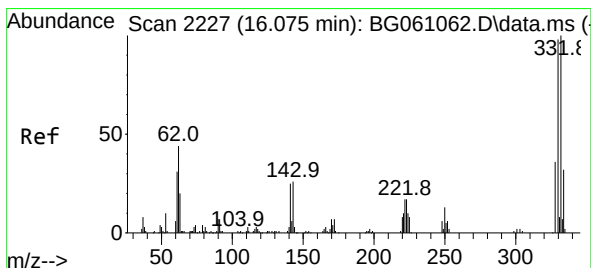
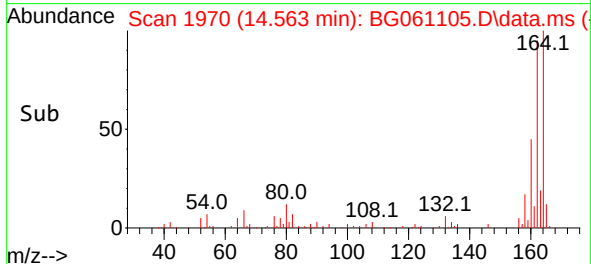
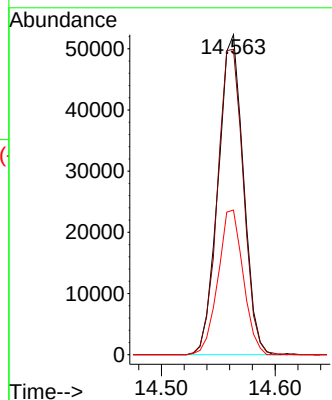
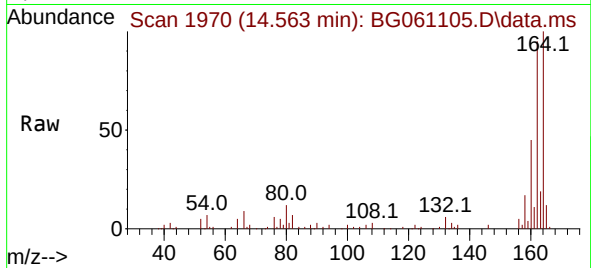




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1974
Delta R.T. -0.026 min
Lab File: BG061105.D
Acq: 3 May 2024 14:06

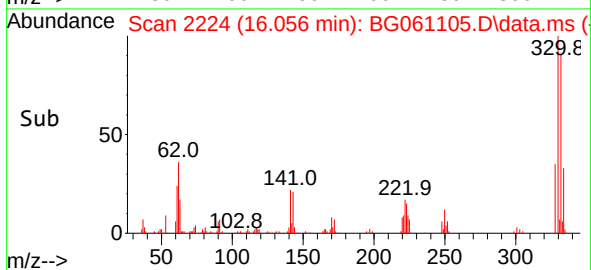
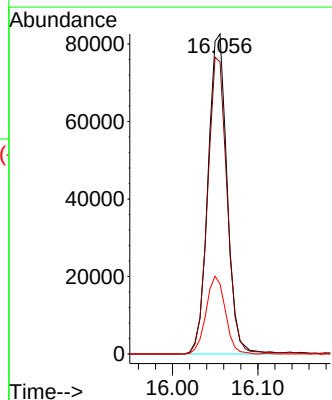
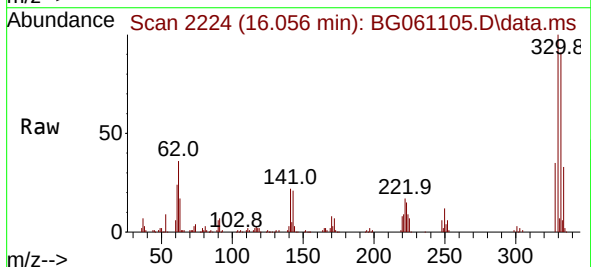
Instrument :
BNA_G
ClientSampleId :
TP-1

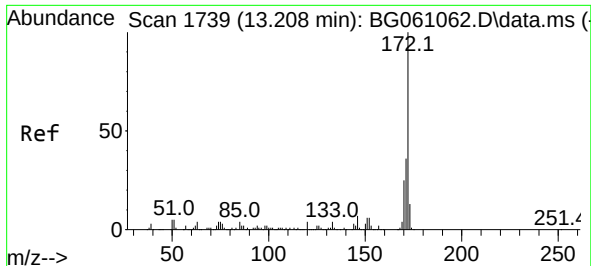
Tgt Ion:164 Resp: 80700
Ion Ratio Lower Upper
164 100
162 95.4 79.4 119.2
160 45.2 37.0 55.6



#42
2,4,6-Tribromophenol
Concen: 79.363 ng
RT: 16.056 min Scan# 2224
Delta R.T. -0.020 min
Lab File: BG061105.D
Acq: 3 May 2024 14:06

Tgt Ion:330 Resp: 128016
Ion Ratio Lower Upper
330 100
332 94.9 78.6 117.8
141 24.5 20.5 30.7

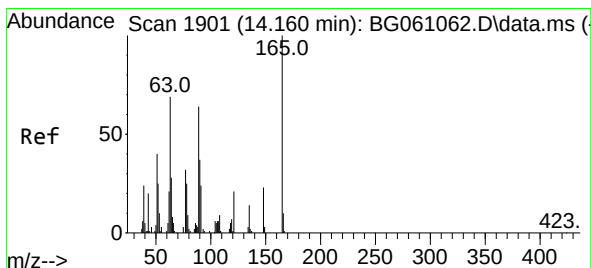
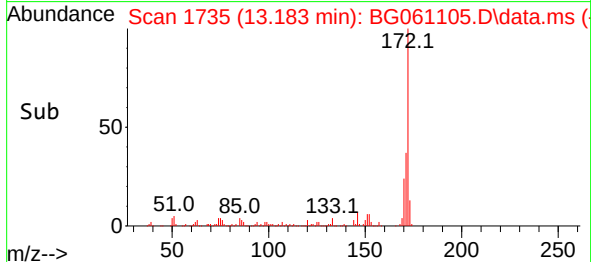
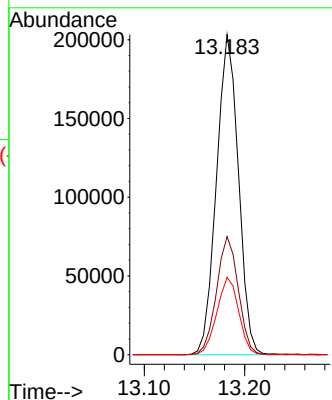
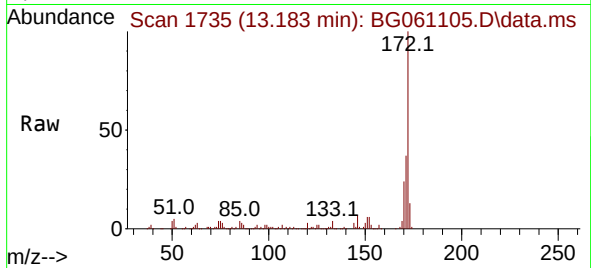




#45
2-Fluorobiphenyl
Concen: 56.457 ng
RT: 13.183 min Scan# 1
Delta R.T. -0.026 min
Lab File: BG061105.D
Acq: 3 May 2024 14:06

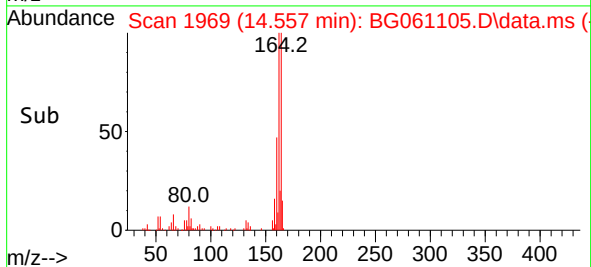
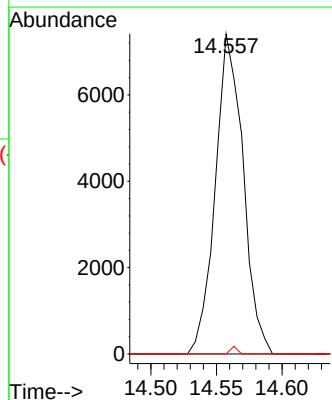
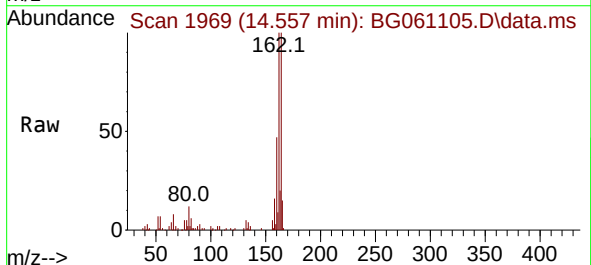
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ClientSampleId :
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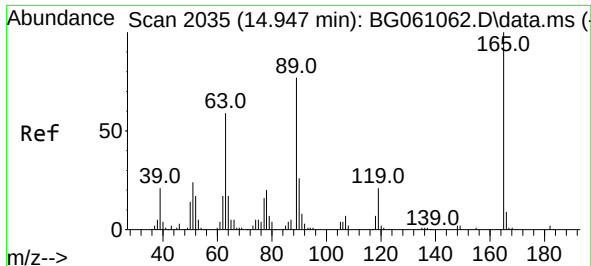
Tgt Ion:172 Resp: 308113
Ion Ratio Lower Upper
172 100
171 36.9 29.0 43.6
170 24.1 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 8.181 ng
RT: 14.557 min Scan# 1969
Delta R.T. 0.397 min
Lab File: BG061105.D
Acq: 3 May 2024 14:06

Tgt Ion:165 Resp: 10908
Ion Ratio Lower Upper
165 100
63 0.0 60.0 90.0#
89 0.0 50.9 76.3#

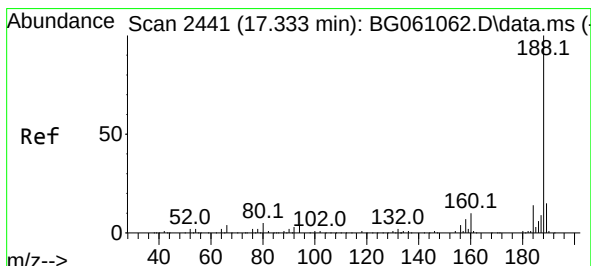
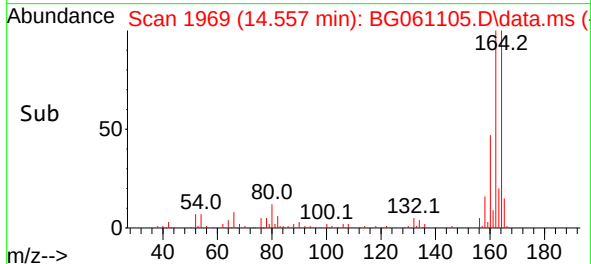
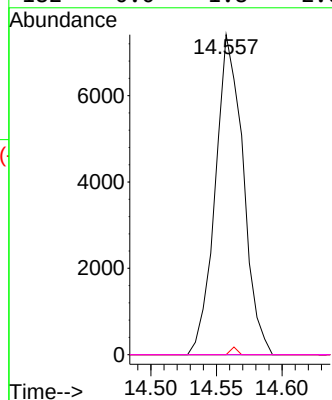
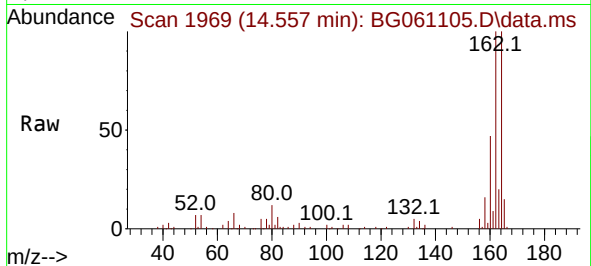




#57
2,4-Dinitrotoluene
Concen: 5.530 ng
RT: 14.557 min Scan# 1969
Delta R.T. -0.390 min
Lab File: BG061105.D
Acq: 3 May 2024 14:06

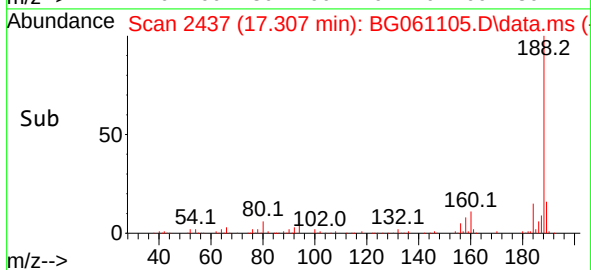
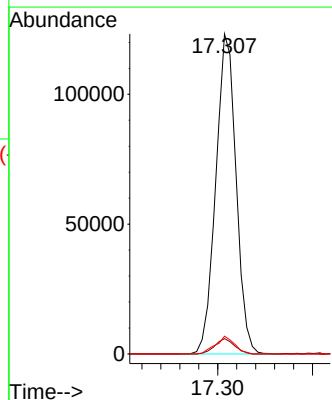
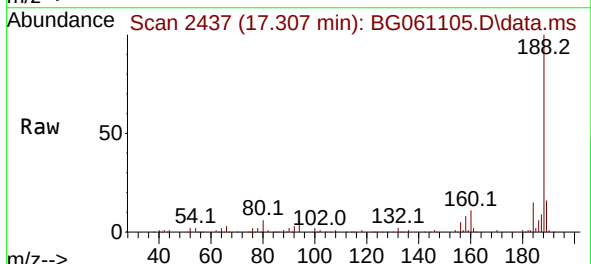
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ClientSampleId :
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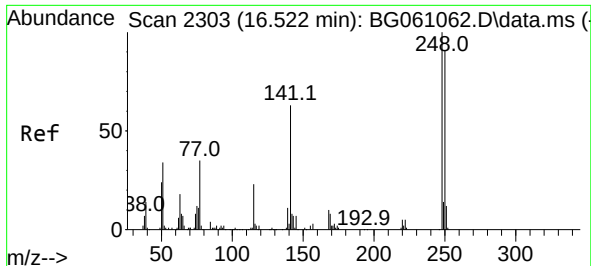
Tgt Ion:165 Resp: 10908
Ion Ratio Lower Upper
165 100
63 0.0 47.3 70.9#
89 0.0 61.8 92.8#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.307 min Scan# 2437
Delta R.T. -0.026 min
Lab File: BG061105.D
Acq: 3 May 2024 14:06

Tgt Ion:188 Resp: 183440
Ion Ratio Lower Upper
188 100
94 4.8 3.6 5.4
80 5.6 4.2 6.2

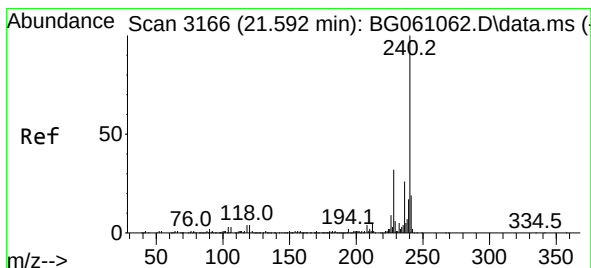
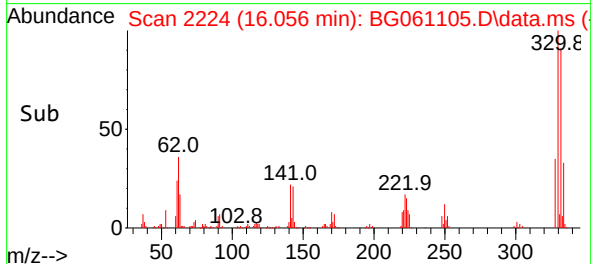
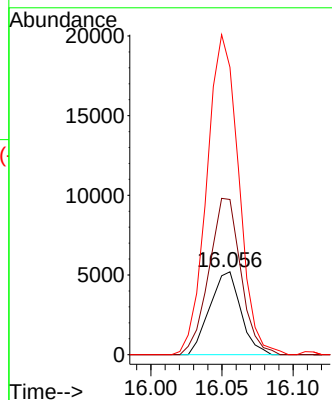
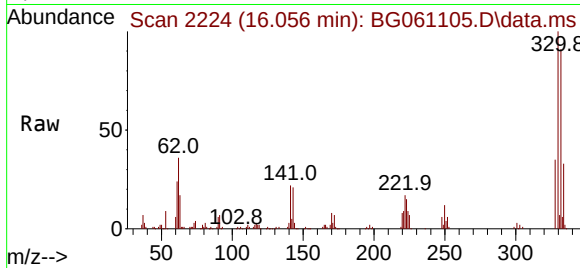




#67
4-Bromophenyl-phenylether
Concen: 3.658 ng
RT: 16.056 min Scan# 21
Delta R.T. -0.466 min
Lab File: BG061105.D
Acq: 3 May 2024 14:06

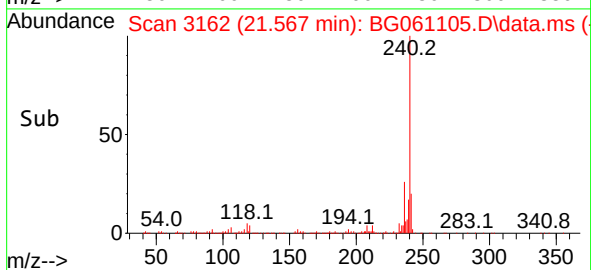
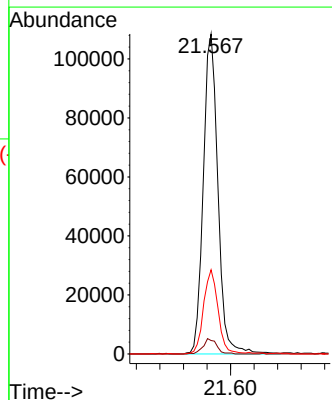
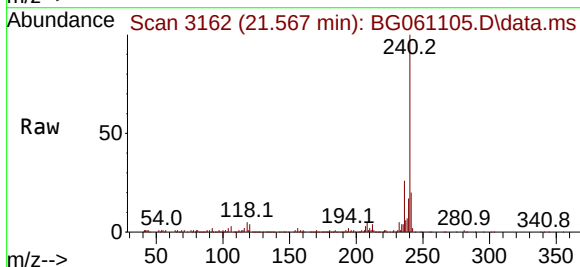
Instrument :
BNA_G
ClientSampleId :
TP-1

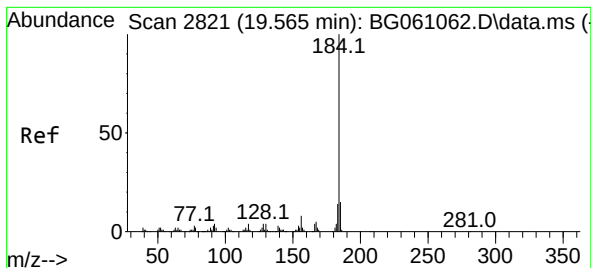
Tgt Ion:248 Resp: 7904
Ion Ratio Lower Upper
248 100
250 187.1 73.0 109.4#
141 346.4 50.8 76.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.567 min Scan# 3162
Delta R.T. -0.026 min
Lab File: BG061105.D
Acq: 3 May 2024 14:06

Tgt Ion:240 Resp: 187182
Ion Ratio Lower Upper
240 100
120 4.2 3.2 4.8
236 26.3 21.0 31.6





#77

Benzidine

Concen: 5.425 ng

RT: 19.928 min Scan# 2883

Delta R.T. 0.363 min

Lab File: BG061105.D

Acq: 3 May 2024 14:06

Instrument :

BNA_G

ClientSampleId :

TP-1

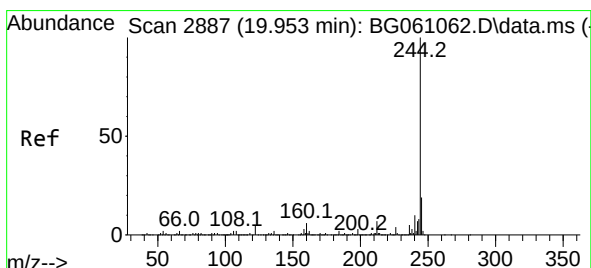
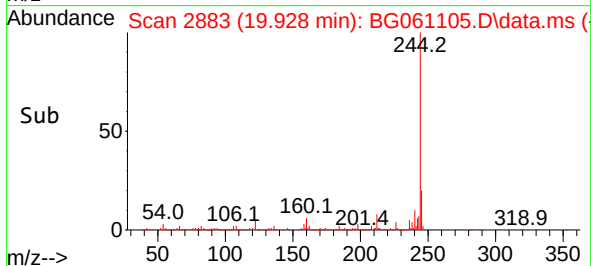
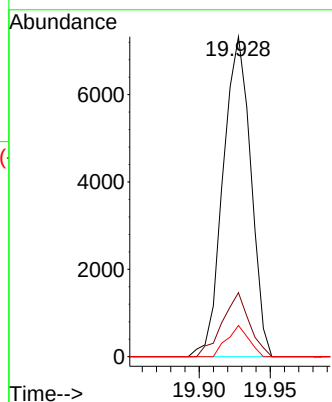
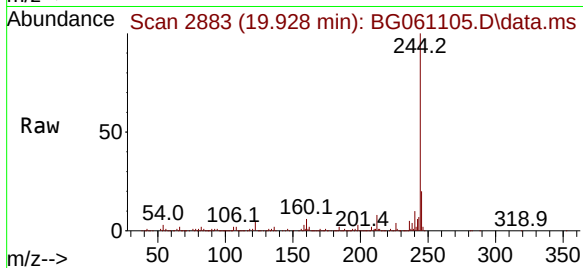
Tgt Ion:184 Resp: 9945

Ion Ratio Lower Upper

184 100

185 20.0 12.0 18.0#

183 9.7 10.9 16.3#



#79

Terphenyl-d14

Concen: 53.995 ng

RT: 19.928 min Scan# 2883

Delta R.T. -0.026 min

Lab File: BG061105.D

Acq: 3 May 2024 14:06

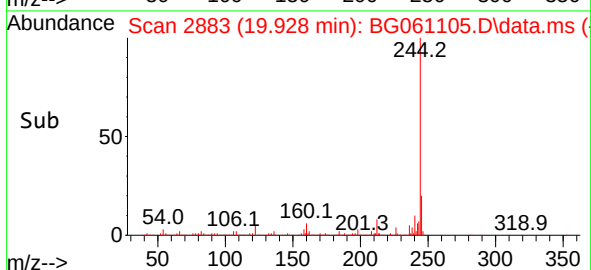
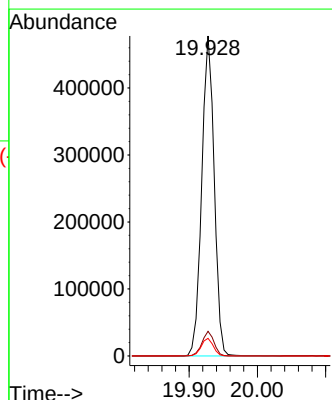
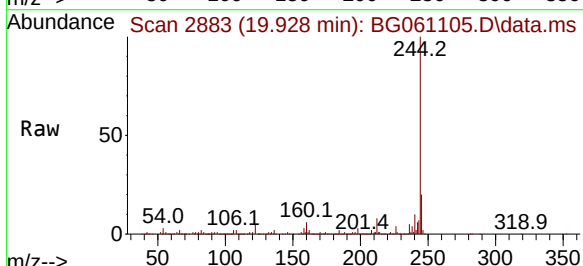
Tgt Ion:244 Resp: 607701

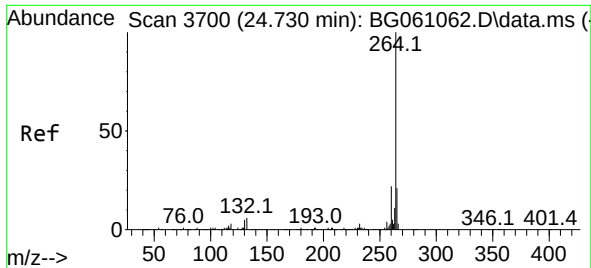
Ion Ratio Lower Upper

244 100

212 7.7 5.7 8.5

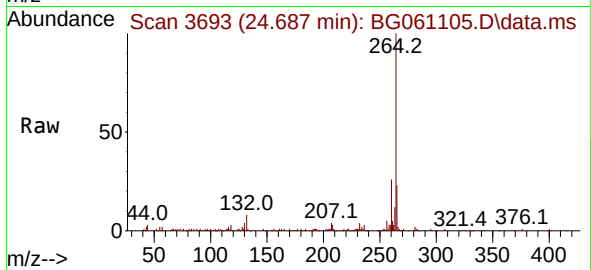
122 5.5 4.2 6.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.687 min Scan# 30
 Delta R.T. -0.043 min
 Lab File: BG061105.D
 Acq: 3 May 2024 14:06

Instrument :
 BNA_G
 ClientSampleId :
 TP-1



Tgt Ion:264 Resp: 178158

Ion	Ratio	Lower	Upper
264	100		
260	25.8	17.7	26.5
265	22.7	16.4	24.6

