

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051524\
 Data File : BG061202.D
 Acq On : 15 May 2024 12:02
 Operator : MA/JU
 Sample : PB160868TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160868TB

Quant Time: May 15 12:56:04 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)

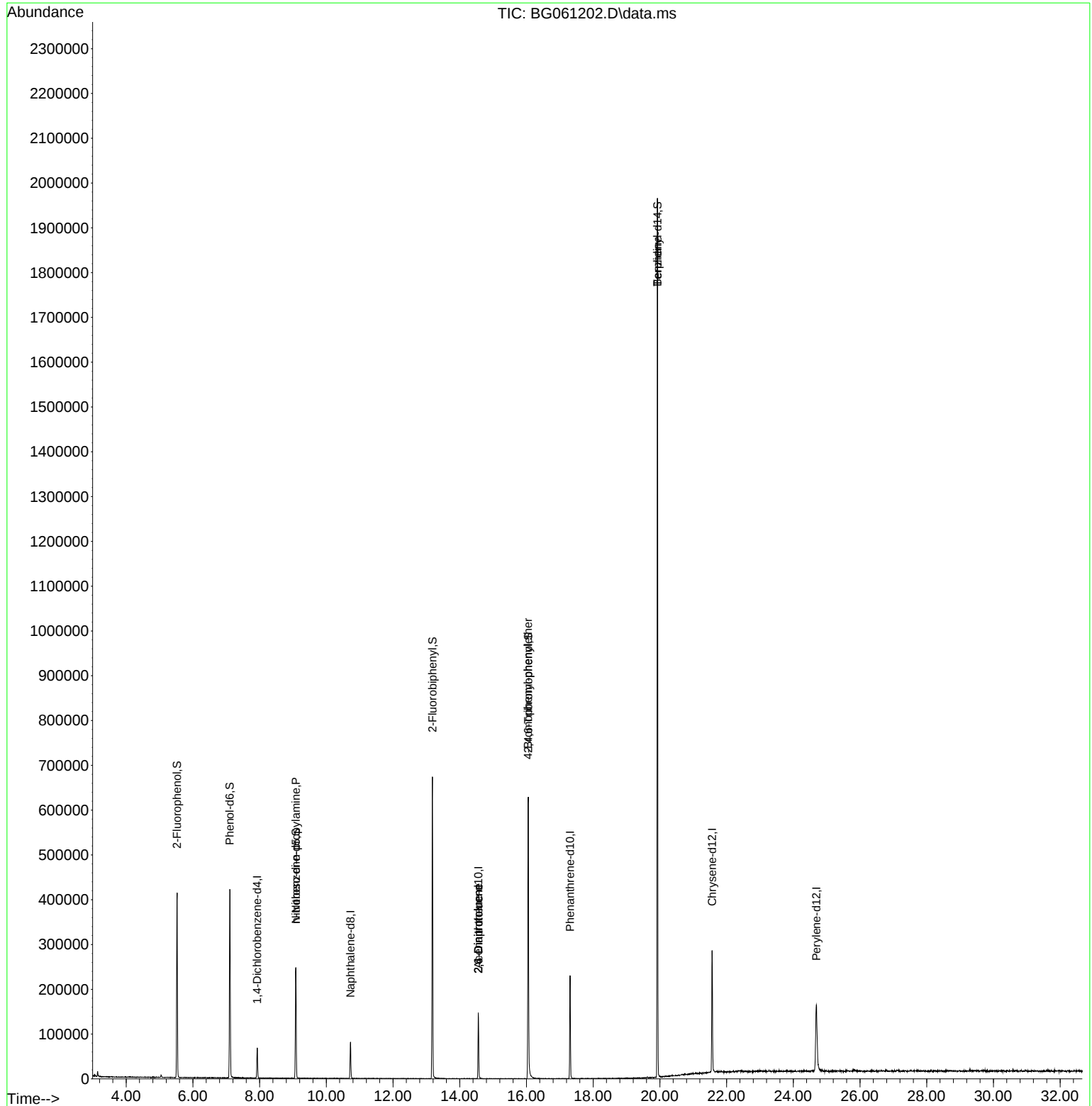
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	18143	20.000	ng	-0.03
21) Naphthalene-d8	10.726	136	63378	20.000	ng	#-0.03
39) Acenaphthene-d10	14.557	164	55660	20.000	ng	-0.03
64) Phenanthrene-d10	17.307	188	164170	20.000	ng	-0.03
76) Chrysene-d12	21.566	240	177184	20.000	ng	-0.03
86) Perylene-d12	24.692	264	204204	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	143126	160.437	ng	-0.02
7) Phenol-d6	7.107	99	196297	148.744	ng	-0.03
23) Nitrobenzene-d5	9.087	82	131573	102.912	ng	-0.03
42) 2,4,6-Tribromophenol	16.055	330	158990	142.906	ng	-0.02
45) 2-Fluorobiphenyl	13.182	172	346051	91.935	ng	-0.03
79) Terphenyl-d14	19.927	244	1000401	93.903	ng	-0.03
Target Compounds						
9) Benzaldehyde	7.107	77	389	Below Cal	Qvalue	# 3
19) n-Nitroso-di-n-propyla...	9.087	70	18996	19.234	ng	# 53
51) 2,6-Dinitrotoluene	14.563	165	7546	8.206	ng	# 15
57) 2,4-Dinitrotoluene	14.563	165	7546	5.547	ng	# 17
67) 4-Bromophenyl-phenylether	16.049	248	9661	4.995	ng	# 1
77) Benzidine	19.927	184	15769	7.200	ng	# 89

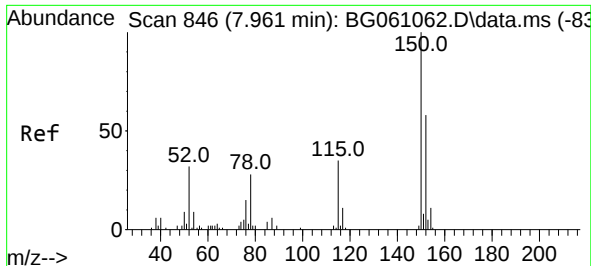
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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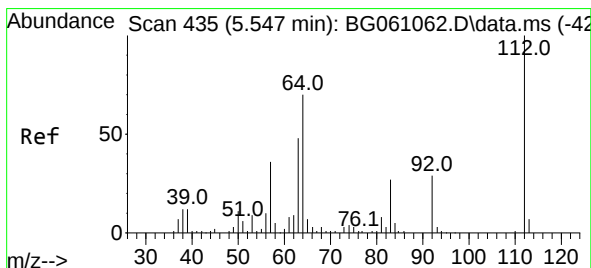
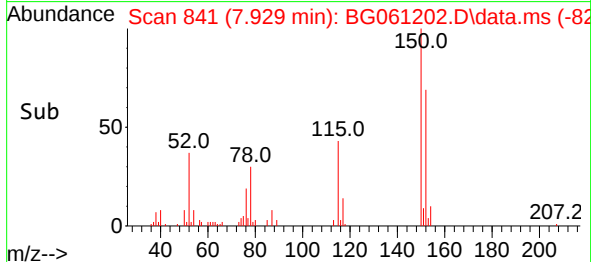
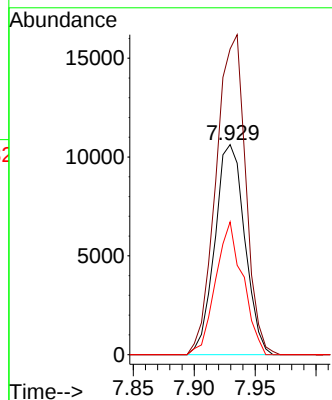
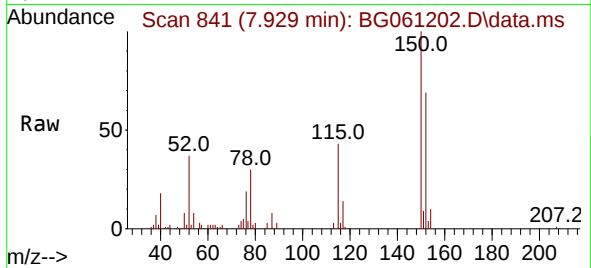




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.929 min Scan# 846
Delta R.T. -0.032 min
Lab File: BG061202.D
Acq: 15 May 2024 12:02

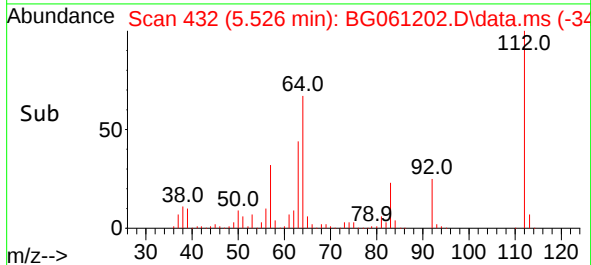
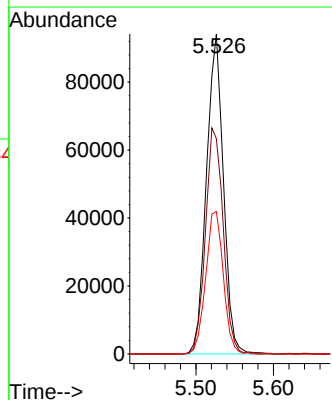
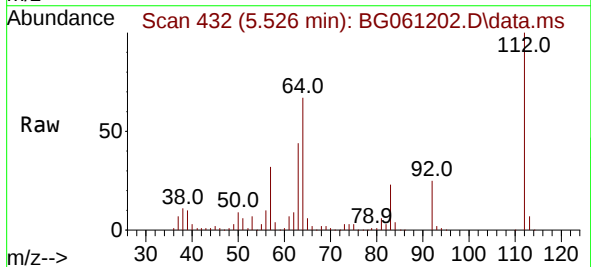
Instrument :
BNA_G
ClientSampleId :
PB160868TB

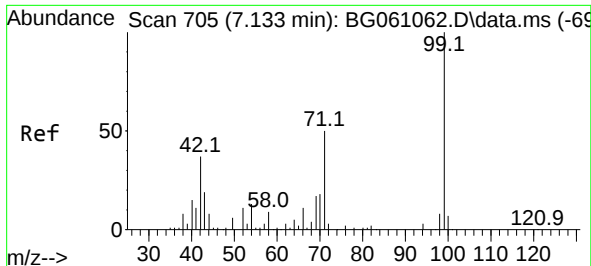
Tgt Ion:152 Resp: 18143
Ion Ratio Lower Upper
152 100
150 145.6 138.3 207.5
115 63.2 48.0 72.0



#5
2-Fluorophenol
Concen: 160.437 ng
RT: 5.526 min Scan# 432
Delta R.T. -0.020 min
Lab File: BG061202.D
Acq: 15 May 2024 12:02

Tgt Ion:112 Resp: 143126
Ion Ratio Lower Upper
112 100
64 67.3 55.7 83.5
63 44.5 38.1 57.1

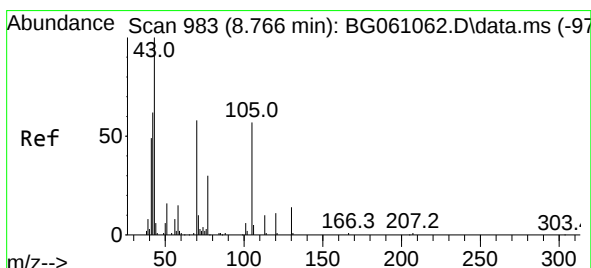
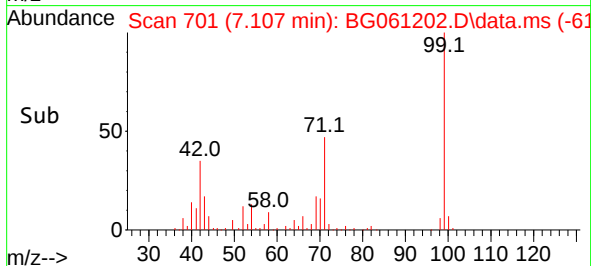
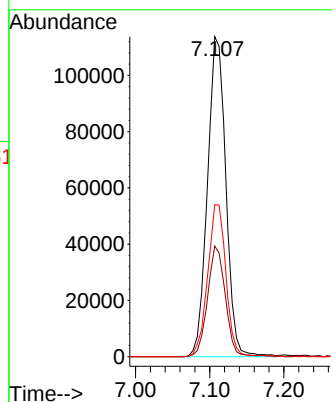
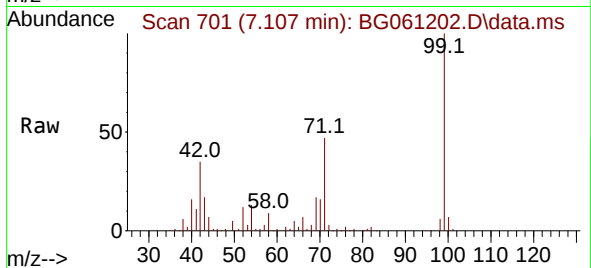




#7
Phenol-d6
Concen: 148.744 ng
RT: 7.107 min Scan# 705
Delta R.T. -0.026 min
Lab File: BG061202.D
Acq: 15 May 2024 12:02

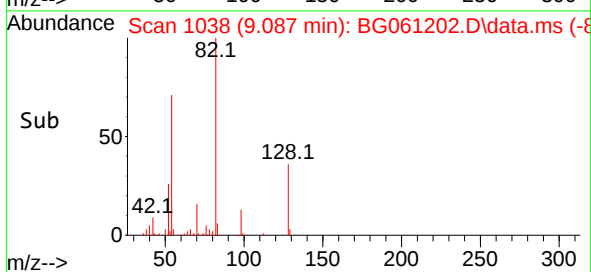
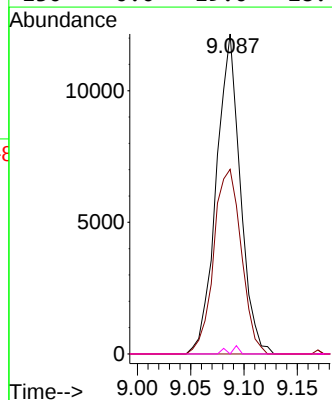
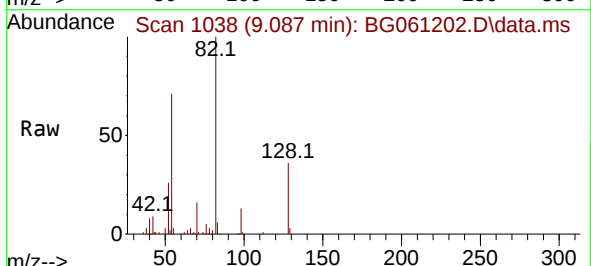
Instrument :
BNA_G
ClientSampleId :
PB160868TB

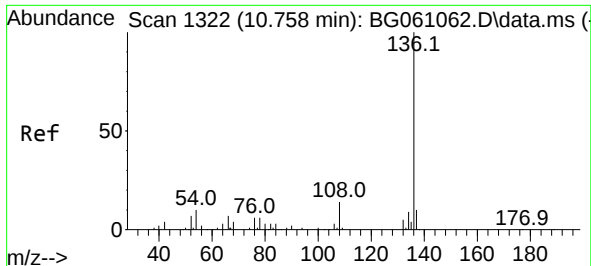
Tgt Ion: 99 Resp: 196297
Ion Ratio Lower Upper
99 100
42 34.5 29.2 43.8
71 47.5 39.7 59.5



#19
n-Nitroso-di-n-propylamine
Concen: 19.234 ng
RT: 9.087 min Scan# 1038
Delta R.T. 0.321 min
Lab File: BG061202.D
Acq: 15 May 2024 12:02

Tgt Ion: 70 Resp: 18996
Ion Ratio Lower Upper
70 100
42 57.7 86.4 129.6#
101 0.0 7.8 11.8#
130 0.0 19.0 28.4#

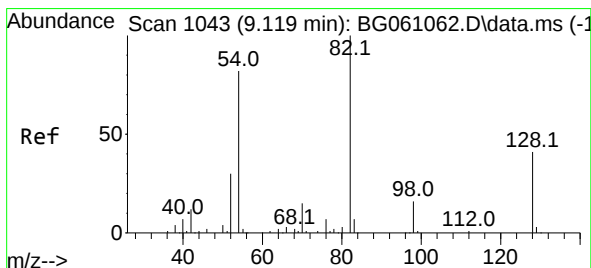
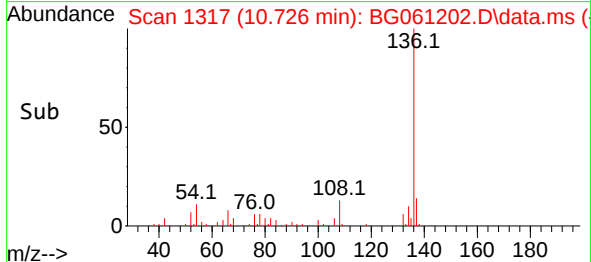
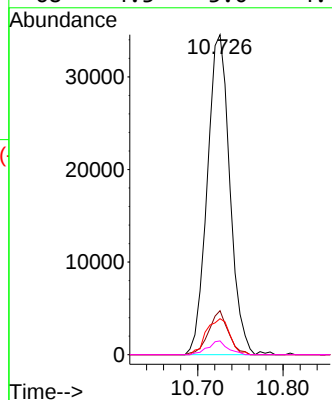
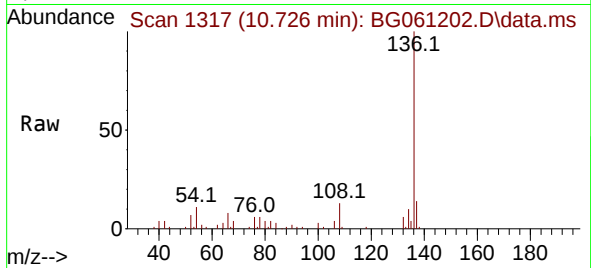




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.726 min Scan# 11
Delta R.T. -0.032 min
Lab File: BG061202.D
Acq: 15 May 2024 12:02

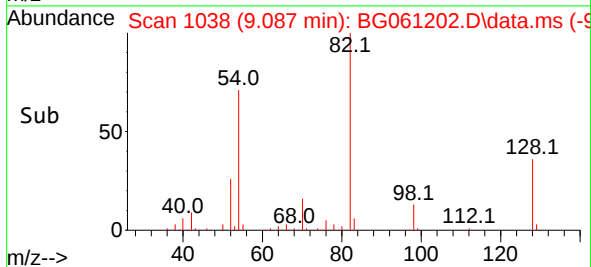
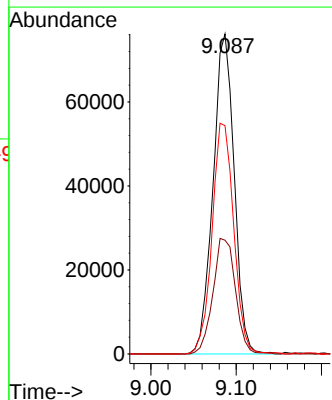
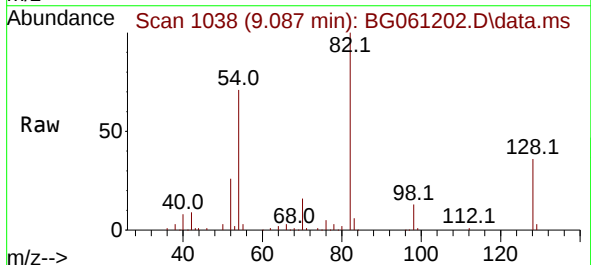
Instrument :
BNA_G
ClientSampleId :
PB160868TB

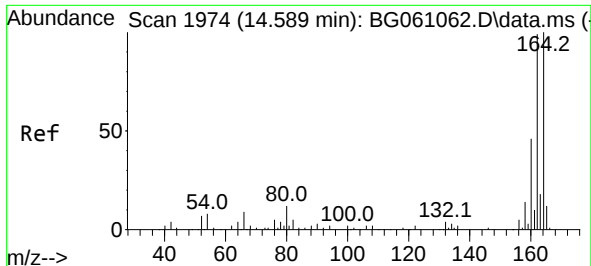
Tgt Ion:136 Resp: 63378
Ion Ratio Lower Upper
136 100
137 13.8 7.8 11.6#
54 11.3 8.1 12.1
68 4.3 3.0 4.4



#23
Nitrobenzene-d5
Concen: 102.912 ng
RT: 9.087 min Scan# 1038
Delta R.T. -0.032 min
Lab File: BG061202.D
Acq: 15 May 2024 12:02

Tgt Ion: 82 Resp: 131573
Ion Ratio Lower Upper
82 100
128 35.5 32.7 49.1
54 71.3 65.6 98.4

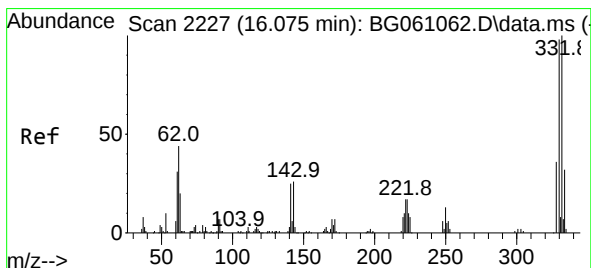
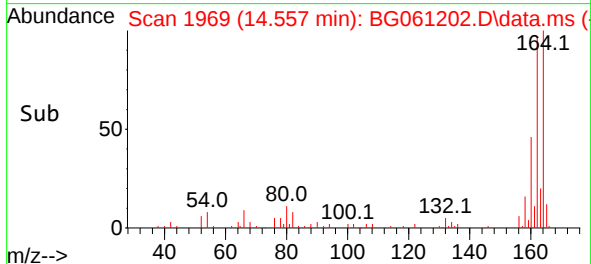
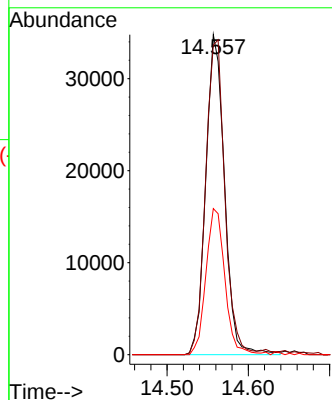
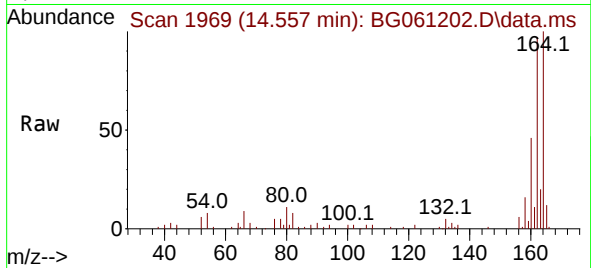




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.557 min Scan# 1974
Delta R.T. -0.032 min
Lab File: BG061202.D
Acq: 15 May 2024 12:02

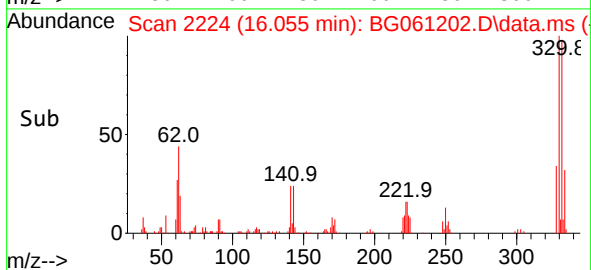
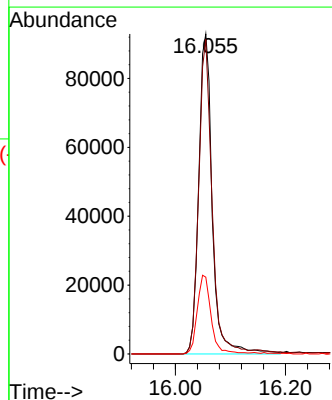
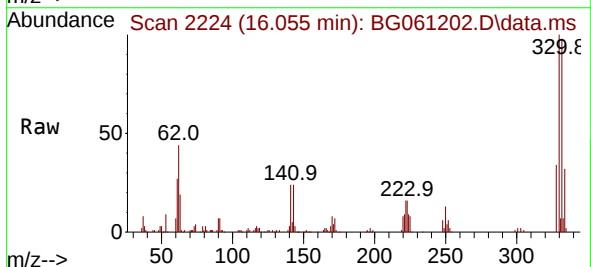
Instrument :
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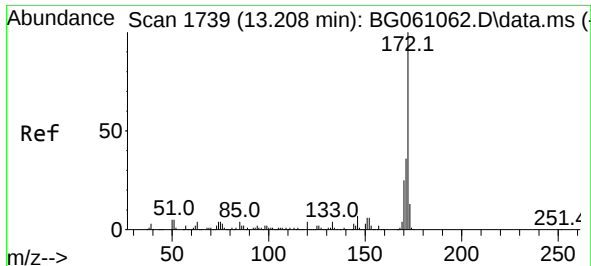
Tgt Ion:164 Resp: 55660
Ion Ratio Lower Upper
164 100
162 96.7 79.4 119.2
160 45.6 37.0 55.6



#42
2,4,6-Tribromophenol
Concen: 142.906 ng
RT: 16.055 min Scan# 2224
Delta R.T. -0.020 min
Lab File: BG061202.D
Acq: 15 May 2024 12:02

Tgt Ion:330 Resp: 158990
Ion Ratio Lower Upper
330 100
332 95.7 78.6 117.8
141 25.0 20.5 30.7

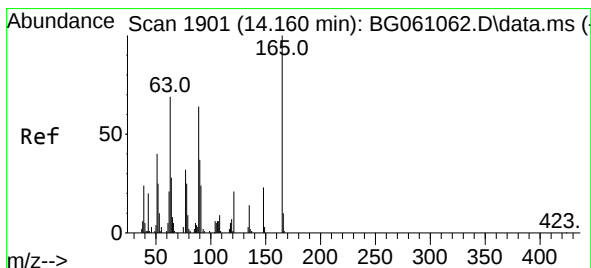
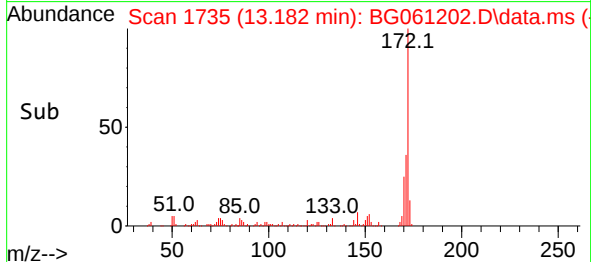
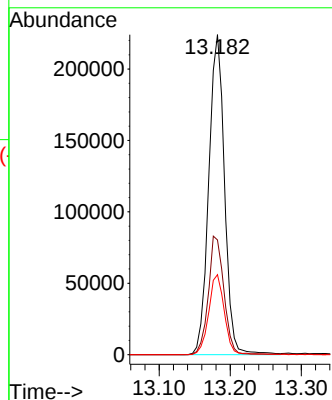
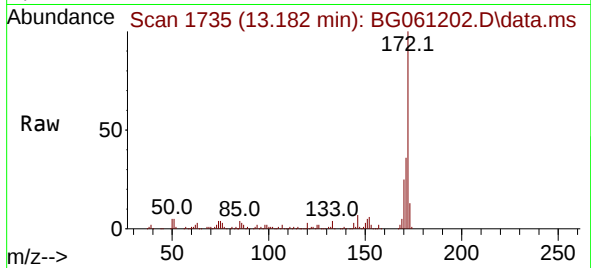




#45
2-Fluorobiphenyl
Concen: 91.935 ng
RT: 13.182 min Scan# 1
Delta R.T. -0.026 min
Lab File: BG061202.D
Acq: 15 May 2024 12:02

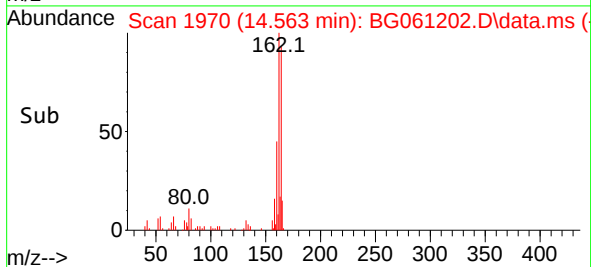
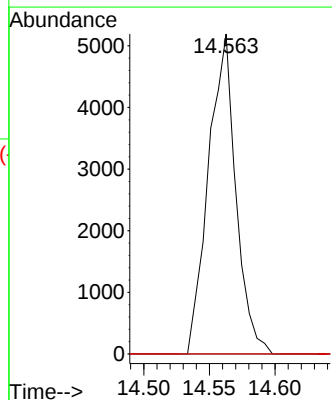
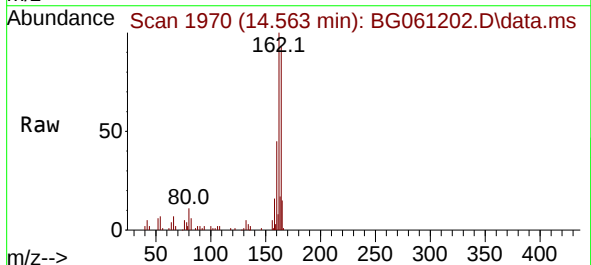
Instrument :
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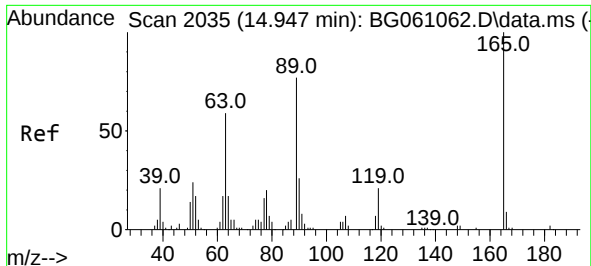
Tgt Ion:172 Resp: 346051
Ion Ratio Lower Upper
172 100
171 35.8 29.0 43.6
170 25.0 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 8.206 ng
RT: 14.563 min Scan# 1970
Delta R.T. 0.403 min
Lab File: BG061202.D
Acq: 15 May 2024 12:02

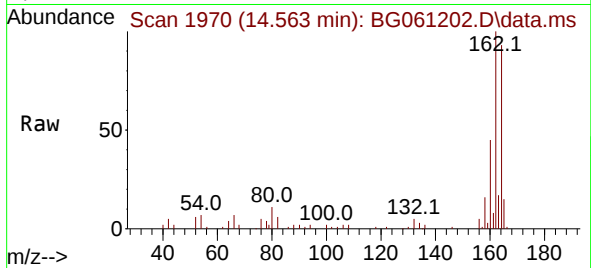
Tgt Ion:165 Resp: 7546
Ion Ratio Lower Upper
165 100
63 0.0 60.0 90.0#
89 0.0 50.9 76.3#



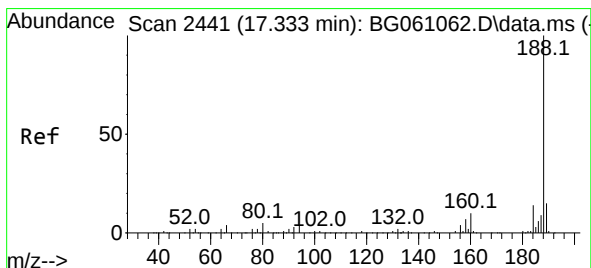
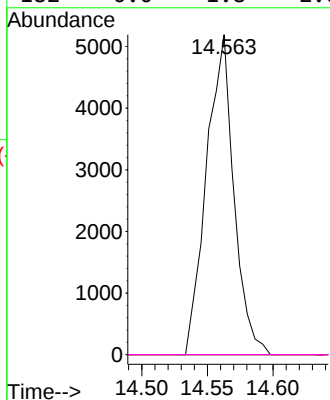
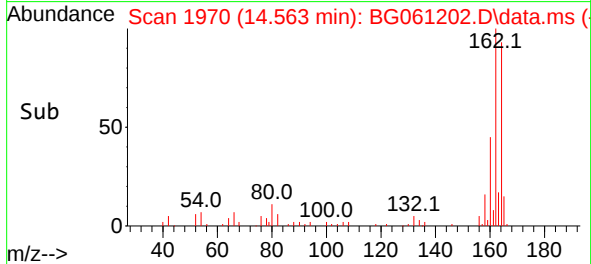


#57
2,4-Dinitrotoluene
Concen: 5.547 ng
RT: 14.563 min Scan# 1970
Delta R.T. -0.385 min
Lab File: BG061202.D
Acq: 15 May 2024 12:02

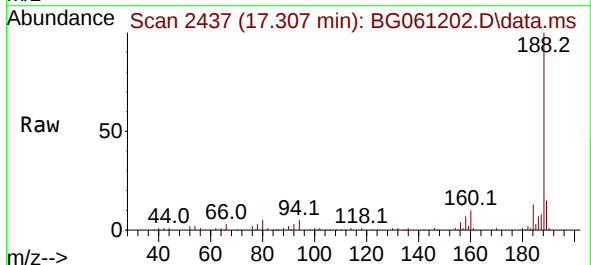
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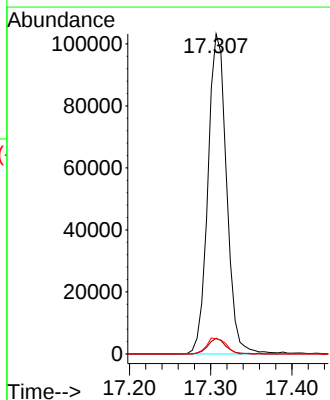
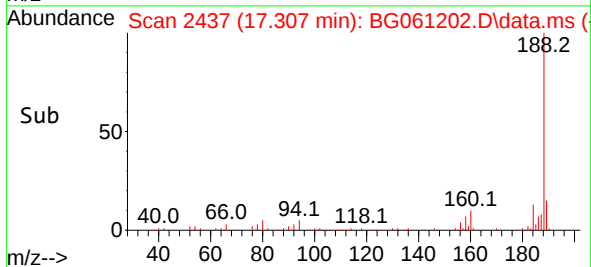
Tgt Ion:165	Resp:	7546
Ion	Ratio	Lower Upper
165	100	
63	0.0	47.3 70.9#
89	0.0	61.8 92.8#
182	0.0	1.8 2.6#

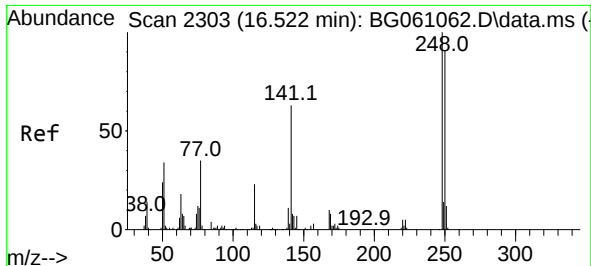


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.307 min Scan# 2437
Delta R.T. -0.026 min
Lab File: BG061202.D
Acq: 15 May 2024 12:02



Tgt Ion:188	Resp:	164170
Ion	Ratio	Lower Upper
188	100	
94	4.9	3.6 5.4
80	4.7	4.2 6.2





#67
4-Bromophenyl-phenylether
Concen: 4.995 ng
RT: 16.049 min Scan# 21
Delta R.T. -0.473 min
Lab File: BG061202.D
Acq: 15 May 2024 12:02

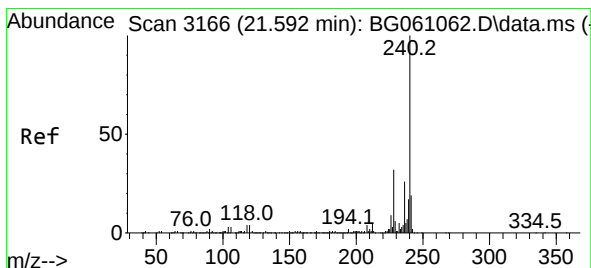
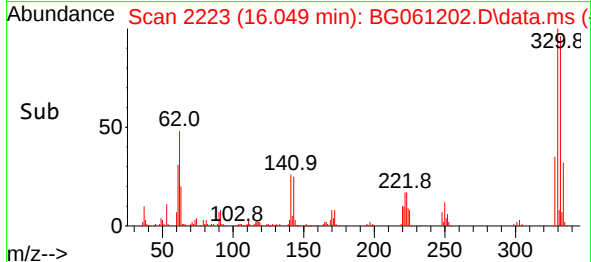
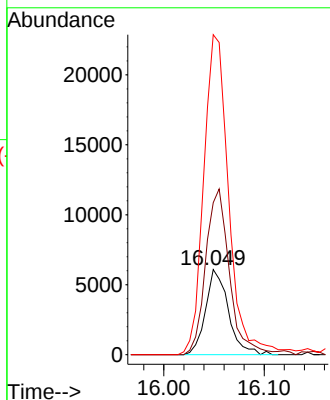
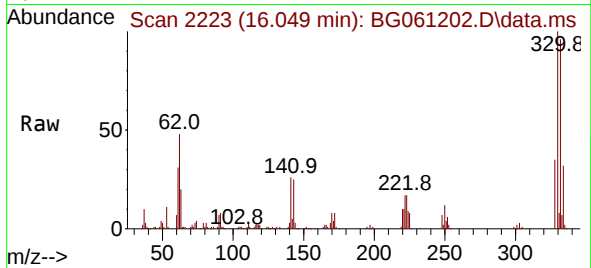
Instrument :

BNA_G

ClientSampleId :

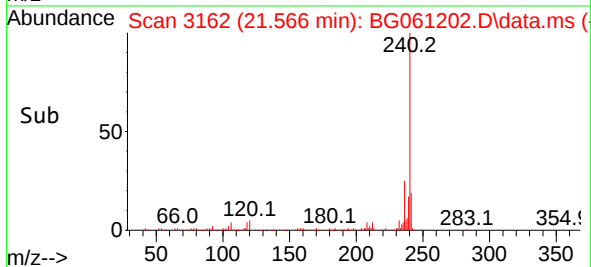
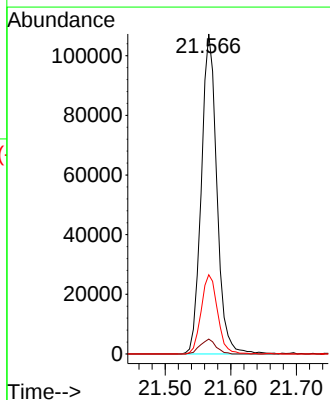
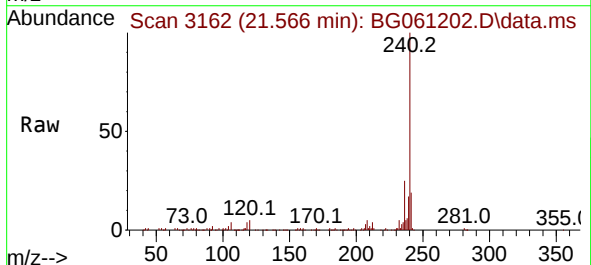
PB160868TB

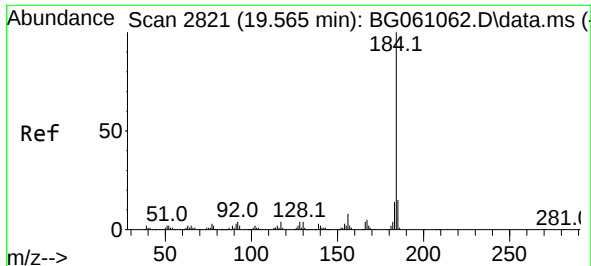
Tgt Ion:248 Resp: 9661
Ion Ratio Lower Upper
248 100
250 178.5 73.0 109.4#
141 375.9 50.8 76.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.566 min Scan# 3162
Delta R.T. -0.026 min
Lab File: BG061202.D
Acq: 15 May 2024 12:02

Tgt Ion:240 Resp: 177184
Ion Ratio Lower Upper
240 100
120 4.6 3.2 4.8
236 24.7 21.0 31.6

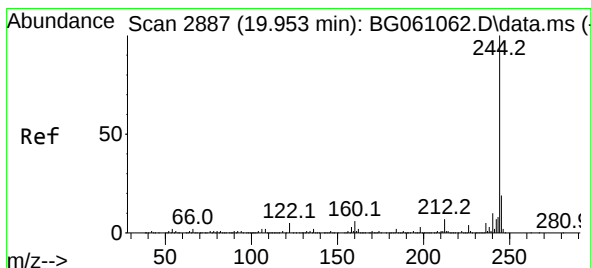
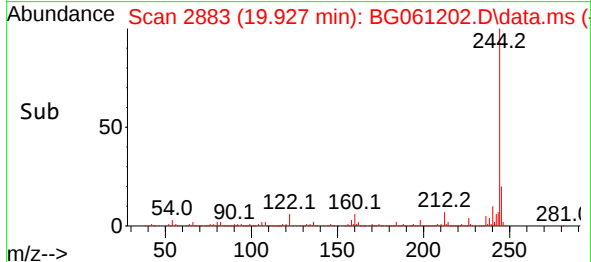
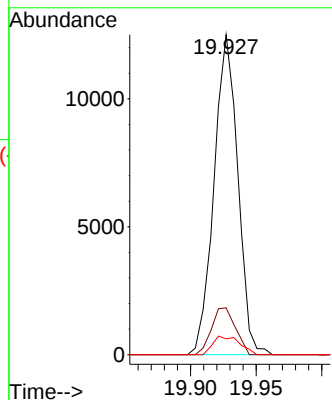
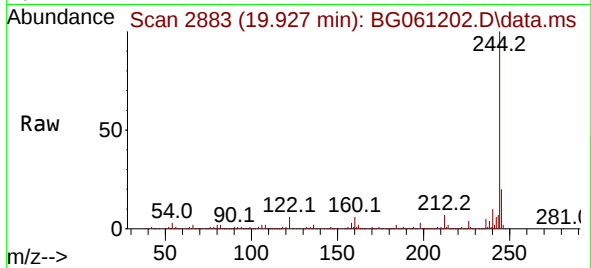




#77
Benzidine
Concen: 7.200 ng
RT: 19.927 min Scan# 21
Delta R.T. 0.362 min
Lab File: BG061202.D
Acq: 15 May 2024 12:02

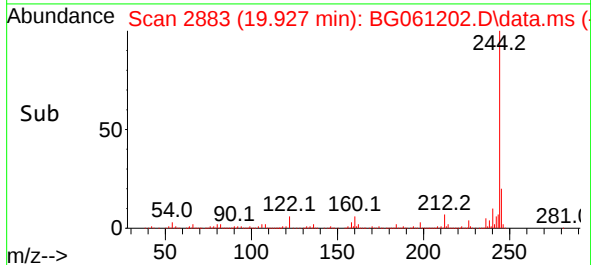
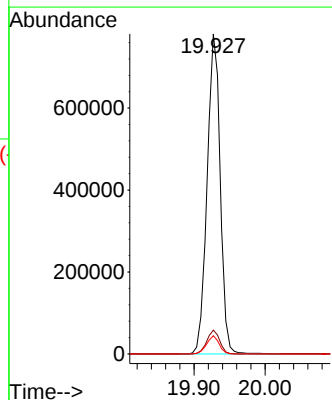
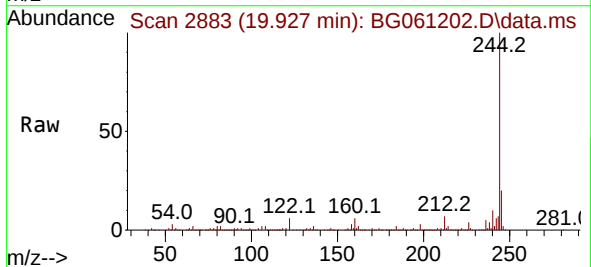
Instrument :
BNA_G
ClientSampleId :
PB160868TB

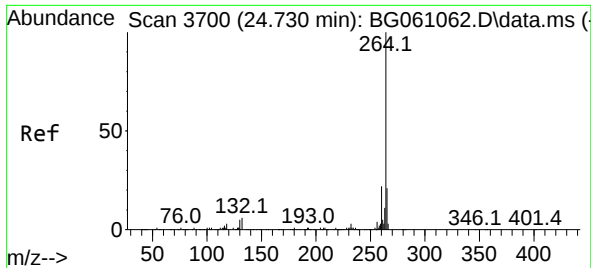
Tgt Ion:184 Resp: 15769
Ion Ratio Lower Upper
184 100
185 14.7 12.0 18.0
183 4.9 10.9 16.3#



#79
Terphenyl-d14
Concen: 93.903 ng
RT: 19.927 min Scan# 2883
Delta R.T. -0.026 min
Lab File: BG061202.D
Acq: 15 May 2024 12:02

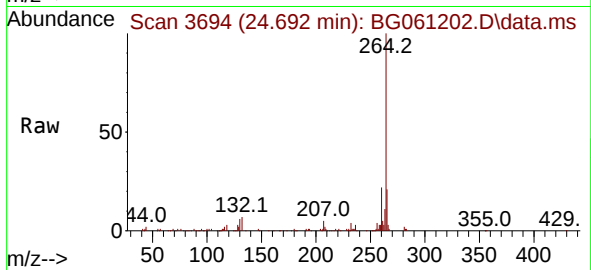
Tgt Ion:244 Resp: 1000401
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 5.7 4.2 6.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.692 min Scan# 30
 Delta R.T. -0.038 min
 Lab File: BG061202.D
 Acq: 15 May 2024 12:02

Instrument :
 BNA_G
 ClientSampleId :
 PB160868TB



Tgt Ion:	264	Resp:	204204
Ion Ratio	Lower	Upper	
264	100		
260	22.5	17.7	26.5
265	21.0	16.4	24.6

