

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051524\
 Data File : BG061200.D
 Acq On : 15 May 2024 10:40
 Operator : MA/JU
 Sample : PB160903BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160903BL

Quant Time: May 15 11:24:42 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)

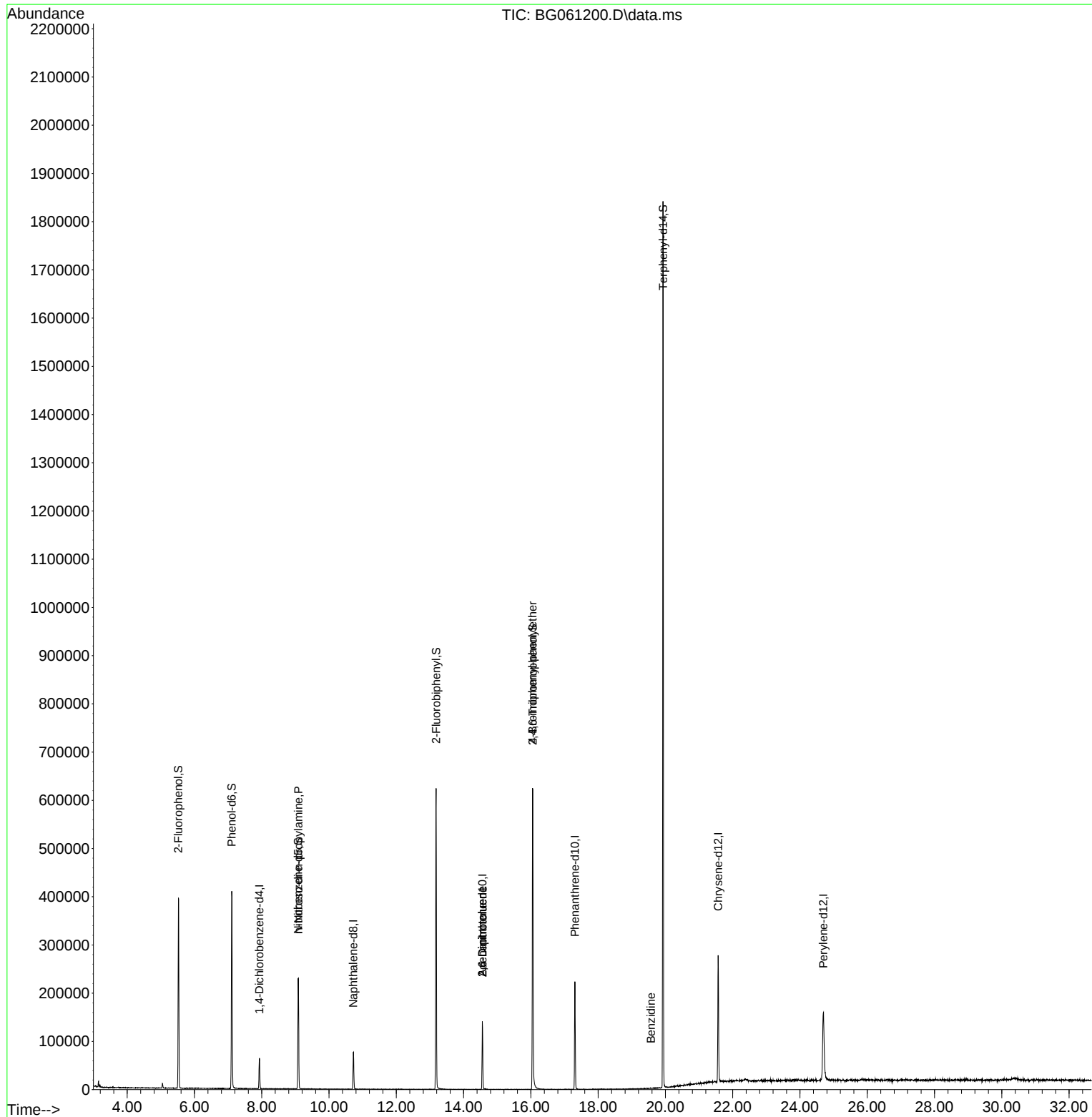
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	17196	20.000	ng	#-0.03
21) Naphthalene-d8	10.721	136	63380	20.000	ng	-0.04
39) Acenaphthene-d10	14.557	164	53496	20.000	ng	-0.03
64) Phenanthrene-d10	17.307	188	153440	20.000	ng	#-0.03
76) Chrysene-d12	21.567	240	169460	20.000	ng	#-0.03
86) Perylene-d12	24.693	264	194042	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.521	112	136374	161.287	ng	-0.03
7) Phenol-d6	7.107	99	183944	147.059	ng	-0.03
23) Nitrobenzene-d5	9.081	82	122010	95.429	ng	-0.04
42) 2,4,6-Tribromophenol	16.056	330	155461	145.387	ng	-0.02
45) 2-Fluorobiphenyl	13.182	172	334368	92.425	ng	-0.03
79) Terphenyl-d14	19.928	244	958622	94.083	ng	-0.03
Target Compounds						
9) Benzaldehyde	7.107	77	383	Below Cal	Qvalue	# 3
19) n-Nitroso-di-n-propyla...	9.087	70	17561	18.760	ng	# 61
51) 2,6-Dinitrotoluene	14.557	165	6861	7.763	ng	# 15
57) 2,4-Dinitrotoluene	14.557	165	6861	5.247	ng	# 17
67) 4-Bromophenyl-phenylether	16.050	248	9413	5.208	ng	# 1
77) Benzidine	19.569	184	760	3.017	ng	# 65

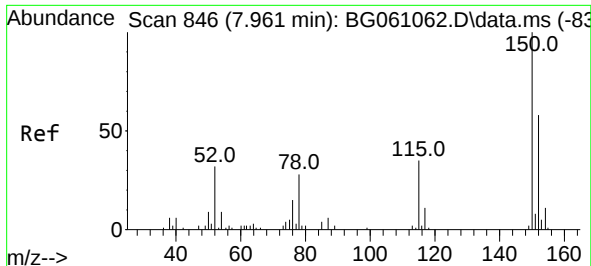
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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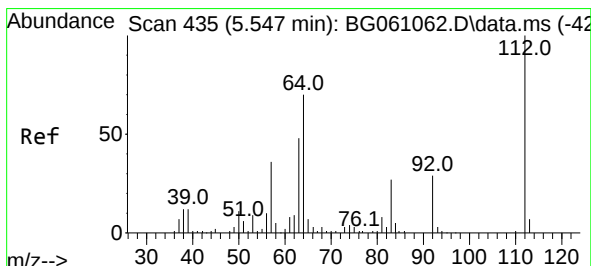
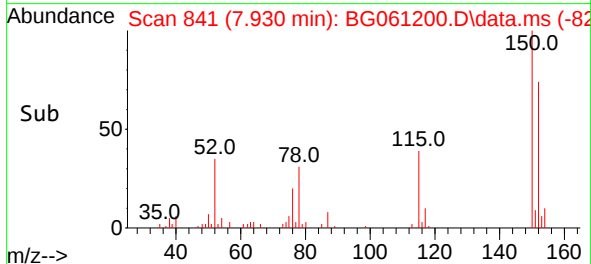
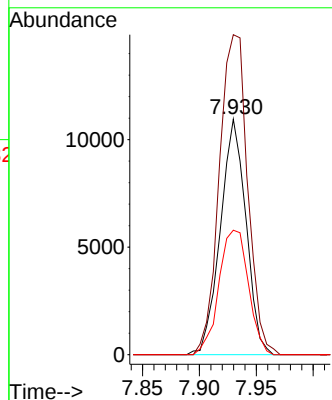
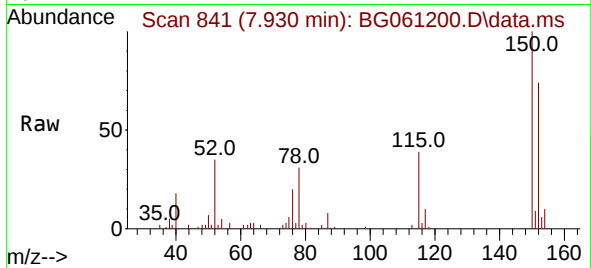




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.930 min Scan# 841
Delta R.T. -0.031 min
Lab File: BG061200.D
Acq: 15 May 2024 10:40

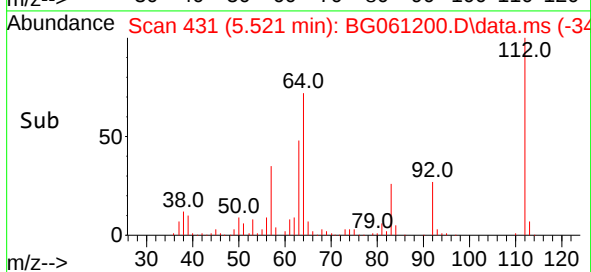
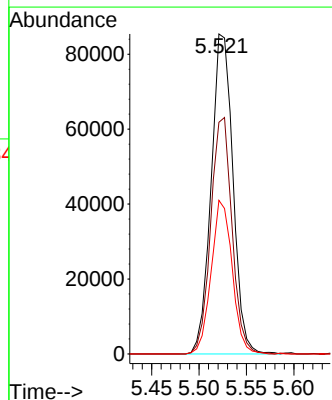
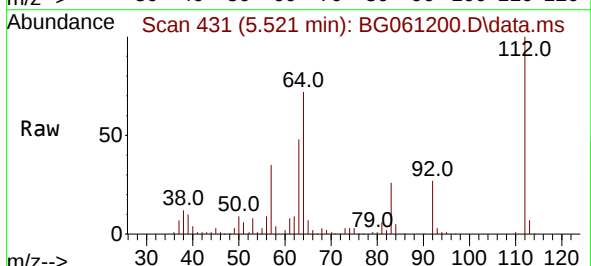
Instrument :
BNA_G
ClientSampleId :
PB160903BL

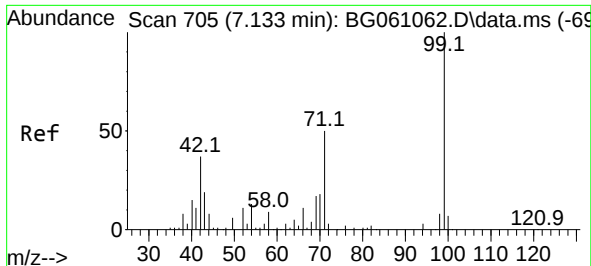
Tgt Ion:152 Resp: 17196
Ion Ratio Lower Upper
152 100
150 135.9 138.3 207.5#
115 52.9 48.0 72.0



#5
2-Fluorophenol
Concen: 161.287 ng
RT: 5.521 min Scan# 431
Delta R.T. -0.026 min
Lab File: BG061200.D
Acq: 15 May 2024 10:40

Tgt Ion:112 Resp: 136374
Ion Ratio Lower Upper
112 100
64 72.4 55.7 83.5
63 48.0 38.1 57.1

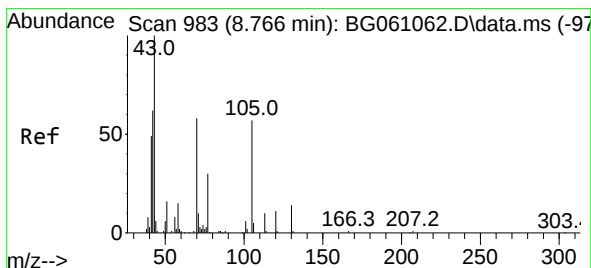
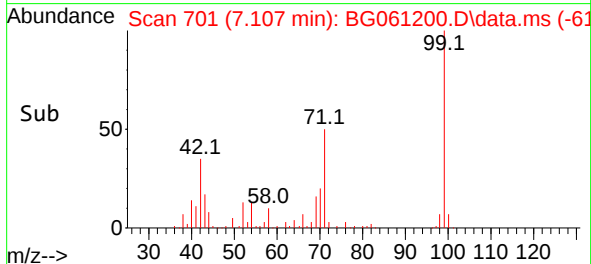
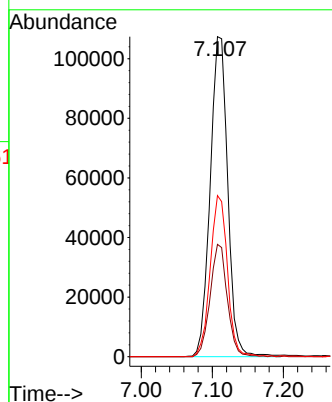
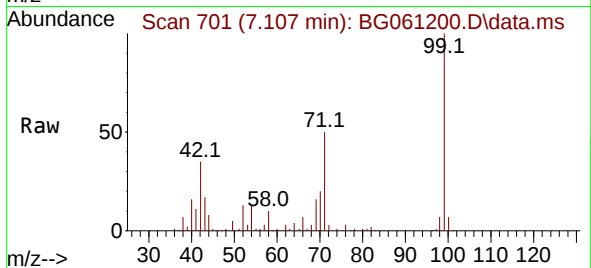




#7
Phenol-d6
Concen: 147.059 ng
RT: 7.107 min Scan# 705
Delta R.T. -0.026 min
Lab File: BG061200.D
Acq: 15 May 2024 10:40

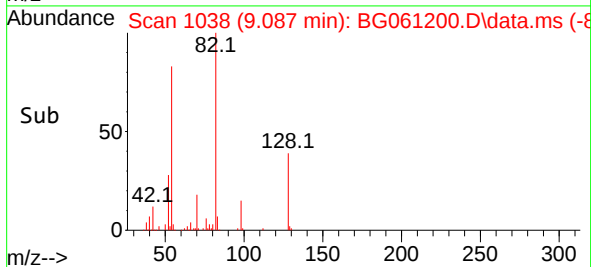
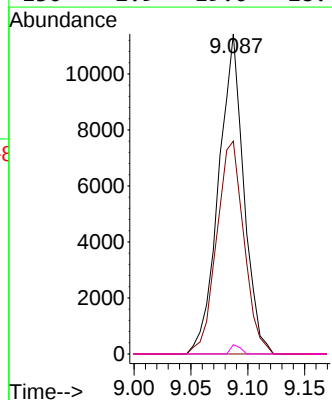
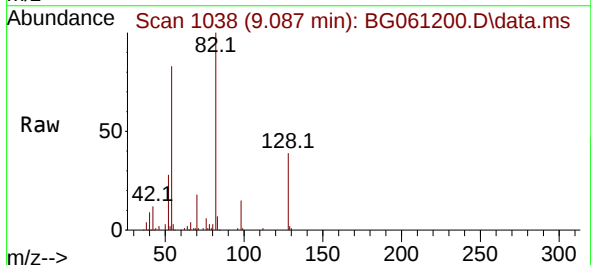
Instrument :
BNA_G
ClientSampleId :
PB160903BL

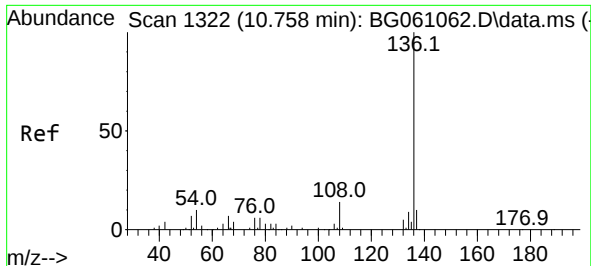
Tgt Ion: 99 Resp: 183944
Ion Ratio Lower Upper
99 100
42 35.1 29.2 43.8
71 50.4 39.7 59.5



#19
n-Nitroso-di-n-propylamine
Concen: 18.760 ng
RT: 9.087 min Scan# 1038
Delta R.T. 0.321 min
Lab File: BG061200.D
Acq: 15 May 2024 10:40

Tgt Ion: 70 Resp: 17561
Ion Ratio Lower Upper
70 100
42 66.5 86.4 129.6#
101 0.0 7.8 11.8#
130 2.9 19.0 28.4#

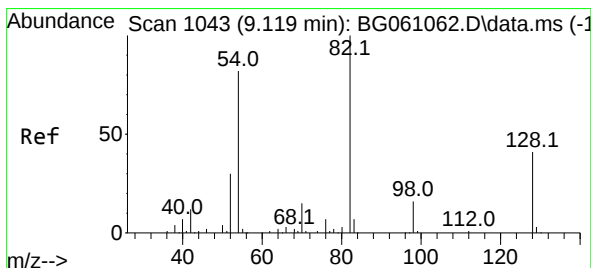
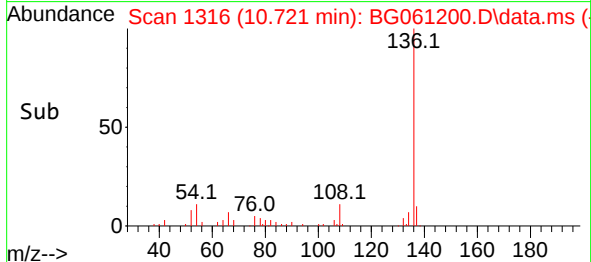
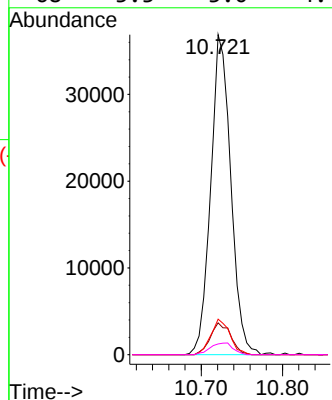
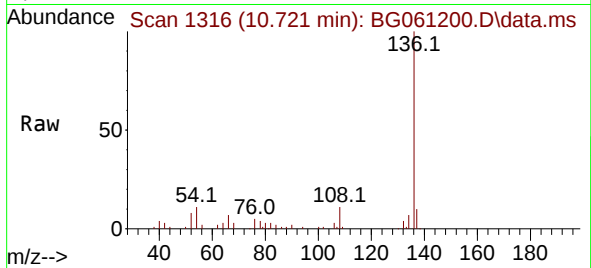




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.721 min Scan# 11
Delta R.T. -0.037 min
Lab File: BG061200.D
Acq: 15 May 2024 10:40

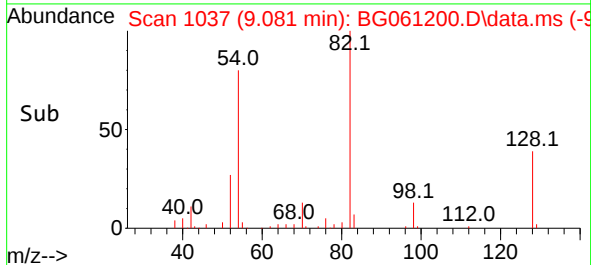
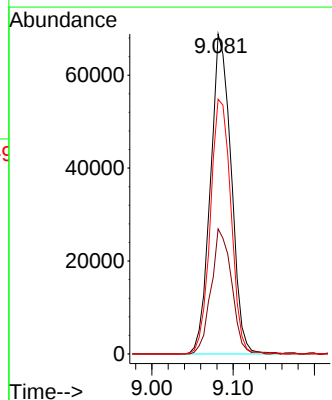
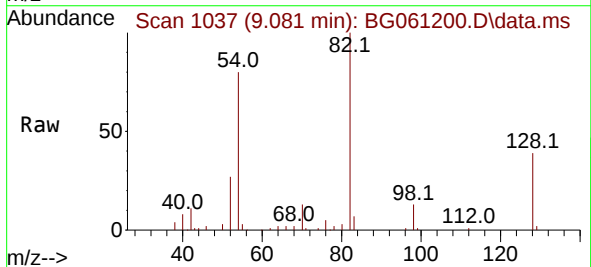
Instrument :
BNA_G
ClientSampleId :
PB160903BL

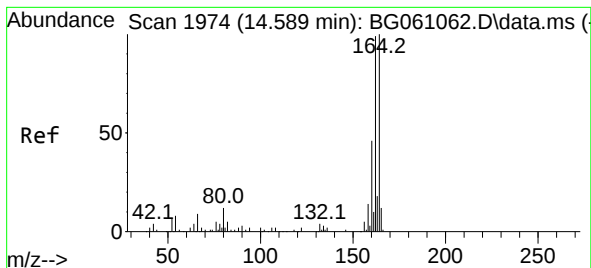
Tgt Ion:	136	Resp:	63380
Ion	Ratio	Lower	Upper
136	100		
137	10.0	7.8	11.6
54	11.1	8.1	12.1
68	3.3	3.0	4.4



#23
Nitrobenzene-d5
Concen: 95.429 ng
RT: 9.081 min Scan# 1037
Delta R.T. -0.037 min
Lab File: BG061200.D
Acq: 15 May 2024 10:40

Tgt Ion:	82	Resp:	122010
Ion	Ratio	Lower	Upper
82	100		
128	39.1	32.7	49.1
54	79.6	65.6	98.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.557 min Scan# 1969

Delta R.T. -0.032 min

Lab File: BG061200.D

Acq: 15 May 2024 10:40

Instrument :

BNA_G

ClientSampleId :

PB160903BL

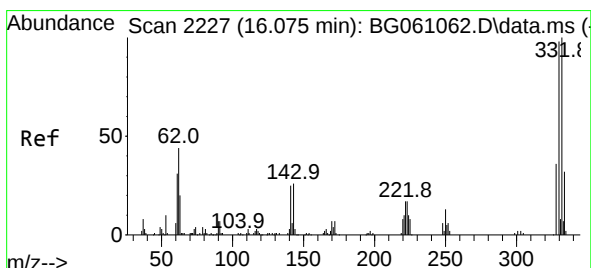
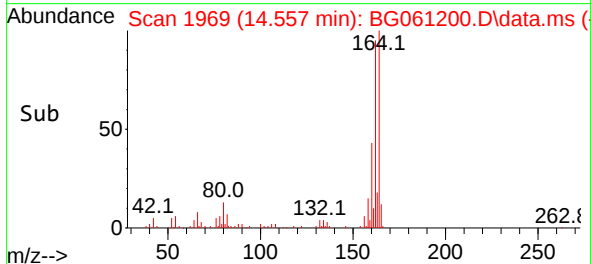
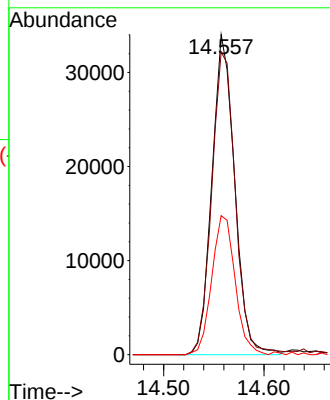
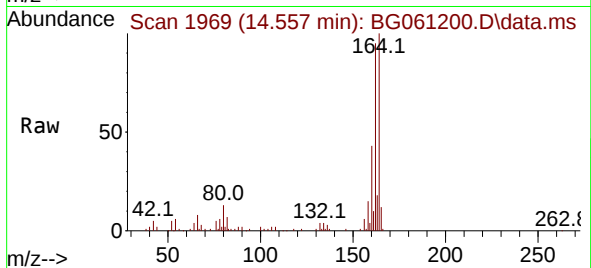
Tgt Ion:164 Resp: 53496

Ion Ratio Lower Upper

164 100

162 94.6 79.4 119.2

160 43.5 37.0 55.6



#42

2,4,6-Tribromophenol

Concen: 145.387 ng

RT: 16.056 min Scan# 2224

Delta R.T. -0.020 min

Lab File: BG061200.D

Acq: 15 May 2024 10:40

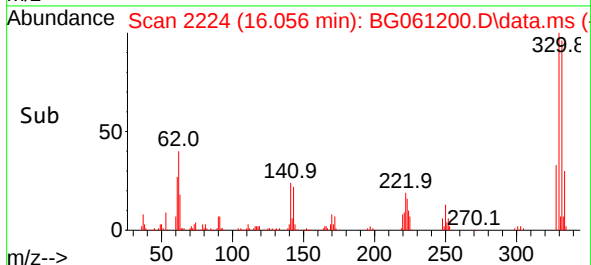
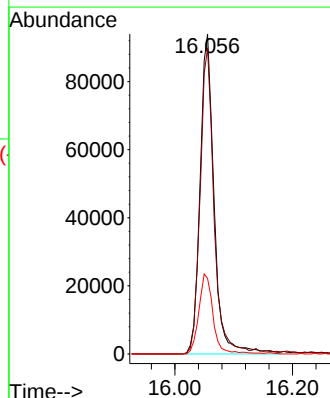
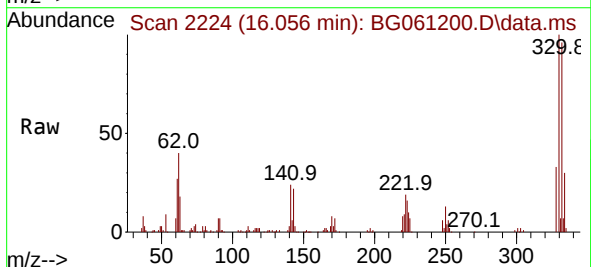
Tgt Ion:330 Resp: 155461

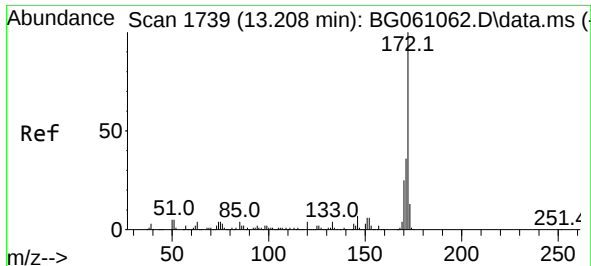
Ion Ratio Lower Upper

330 100

332 93.9 78.6 117.8

141 25.4 20.5 30.7

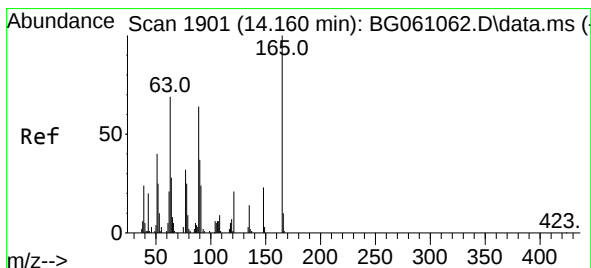
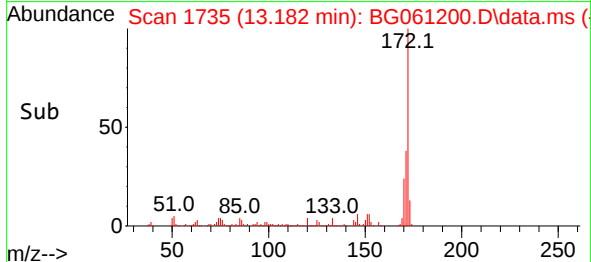
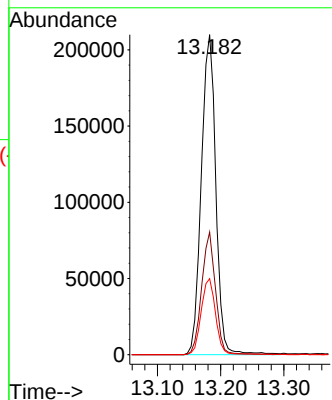
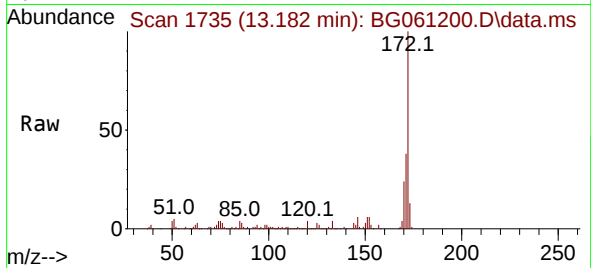




#45
2-Fluorobiphenyl
Concen: 92.425 ng
RT: 13.182 min Scan# 1735
Delta R.T. -0.026 min
Lab File: BG061200.D
Acq: 15 May 2024 10:40

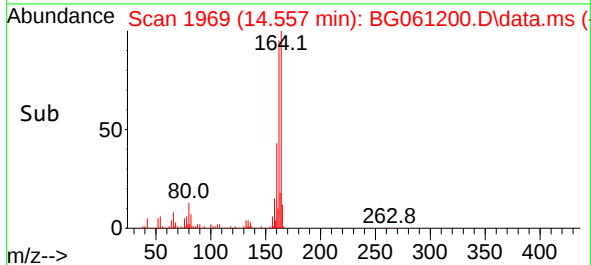
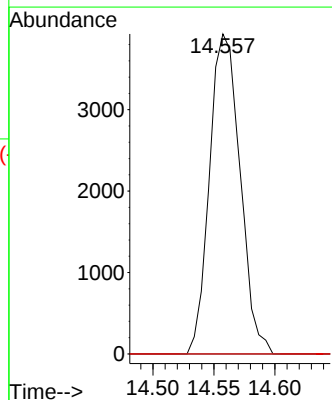
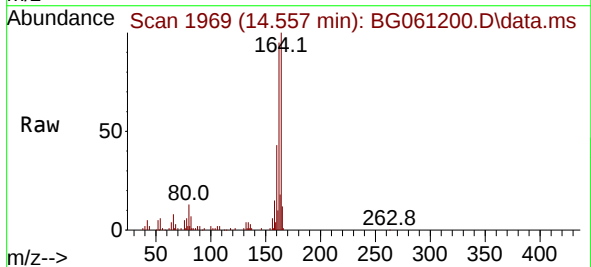
Instrument :
BNA_G
ClientSampleId :
PB160903BL

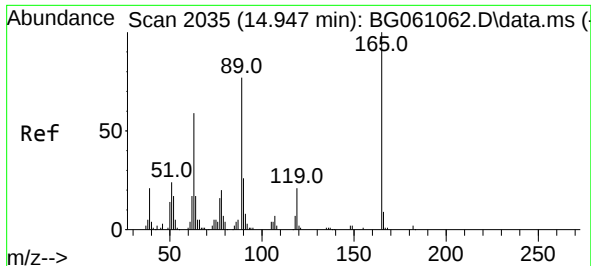
Tgt Ion:172 Resp: 334368
Ion Ratio Lower Upper
172 100
171 38.3 29.0 43.6
170 23.8 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 7.763 ng
RT: 14.557 min Scan# 1969
Delta R.T. 0.397 min
Lab File: BG061200.D
Acq: 15 May 2024 10:40

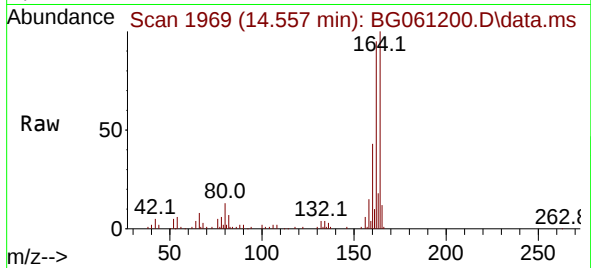
Tgt Ion:165 Resp: 6861
Ion Ratio Lower Upper
165 100
63 0.0 60.0 90.0#
89 0.0 50.9 76.3#



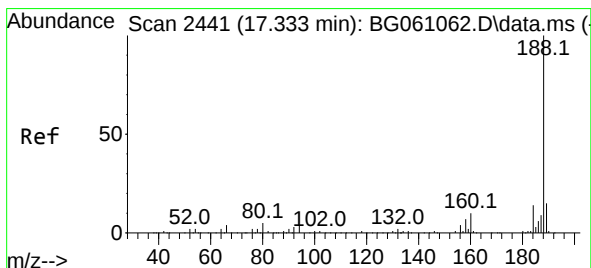
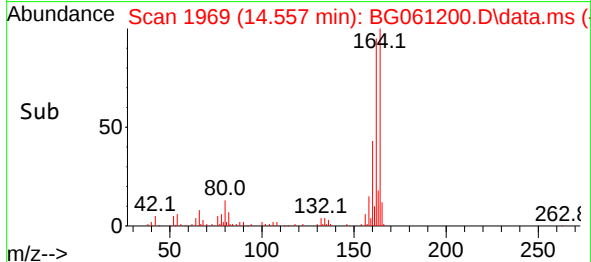
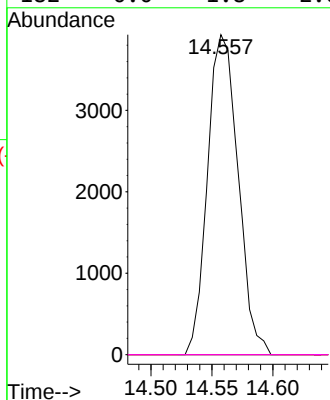


#57
2,4-Dinitrotoluene
Concen: 5.247 ng
RT: 14.557 min Scan# 1969
Delta R.T. -0.390 min
Lab File: BG061200.D
Acq: 15 May 2024 10:40

Instrument :
BNA_G
ClientSampleId :
PB160903BL

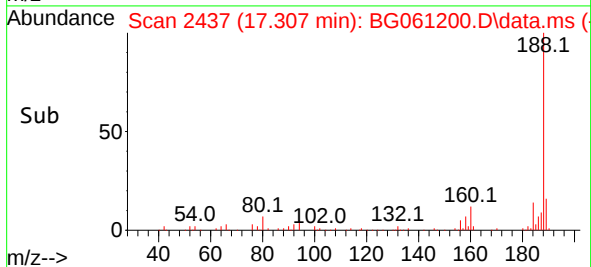
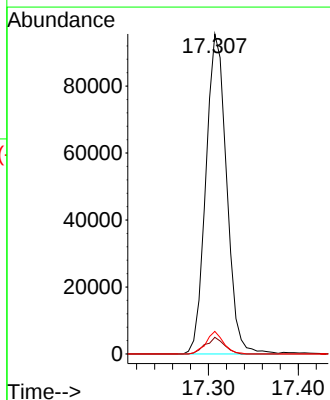
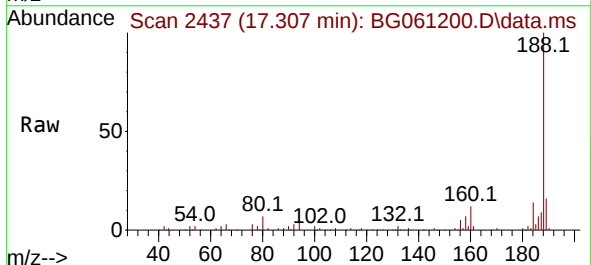


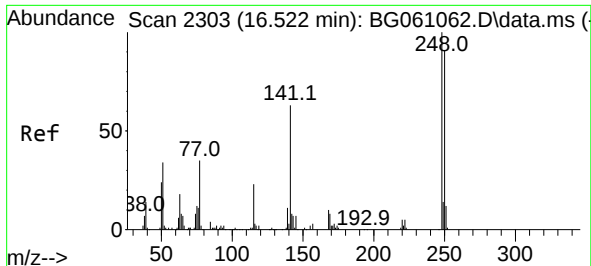
Tgt Ion:	165	Resp:	6861
Ion	Ratio	Lower	Upper
165	100		
63	0.0	47.3	70.9#
89	0.0	61.8	92.8#
182	0.0	1.8	2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.307 min Scan# 2437
Delta R.T. -0.026 min
Lab File: BG061200.D
Acq: 15 May 2024 10:40

Tgt Ion:	188	Resp:	153440
Ion	Ratio	Lower	Upper
188	100		
94	5.2	3.6	5.4
80	7.0	4.2	6.2#

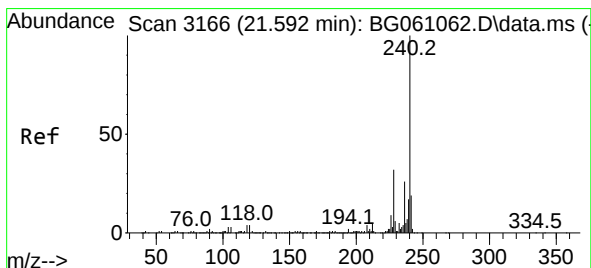
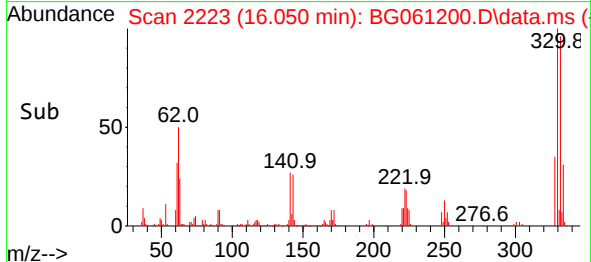
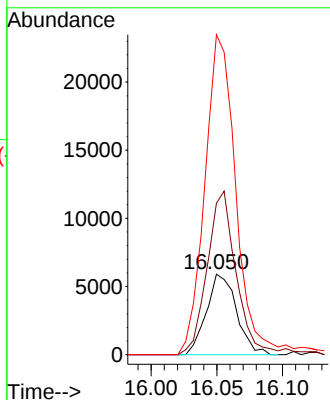
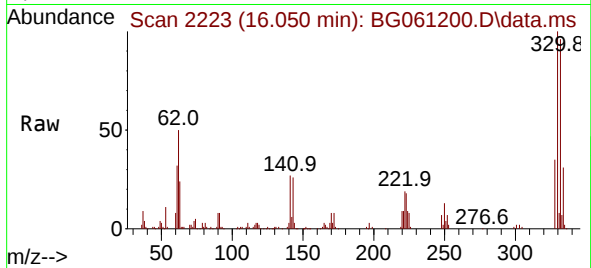




#67
4-Bromophenyl-phenylether
Concen: 5.208 ng
RT: 16.050 min Scan# 21
Delta R.T. -0.472 min
Lab File: BG061200.D
Acq: 15 May 2024 10:40

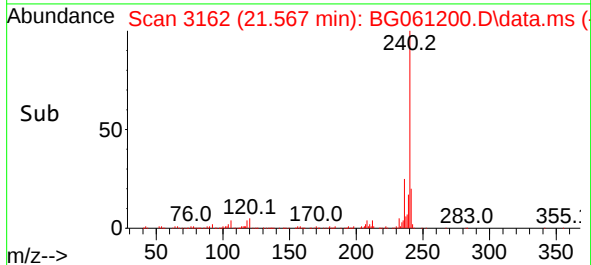
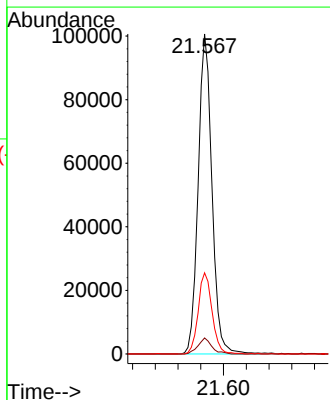
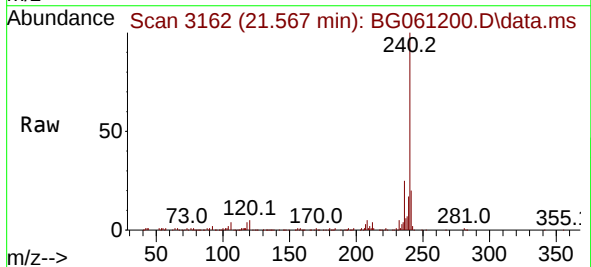
Instrument :
BNA_G
ClientSampleId :
PB160903BL

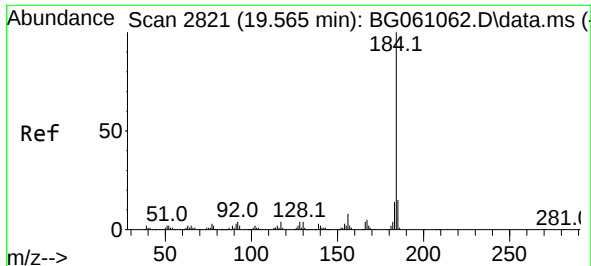
Tgt Ion:248 Resp: 9413
Ion Ratio Lower Upper
248 100
250 188.1 73.0 109.4#
141 397.2 50.8 76.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.567 min Scan# 3162
Delta R.T. -0.026 min
Lab File: BG061200.D
Acq: 15 May 2024 10:40

Tgt Ion:240 Resp: 169460
Ion Ratio Lower Upper
240 100
120 5.0 3.2 4.8#
236 25.4 21.0 31.6

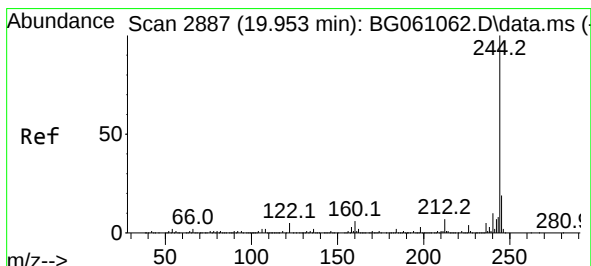
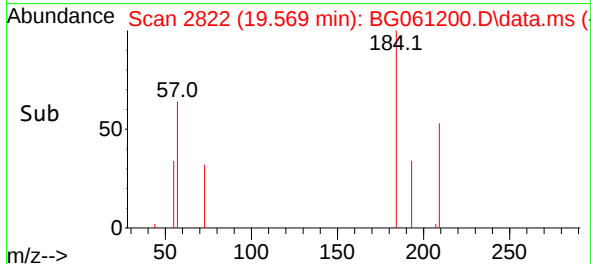
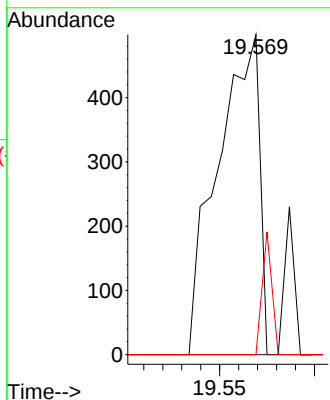
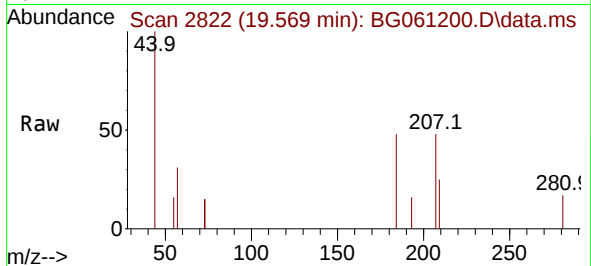




#77
Benzidine
Concen: 3.017 ng
RT: 19.569 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG061200.D
Acq: 15 May 2024 10:40

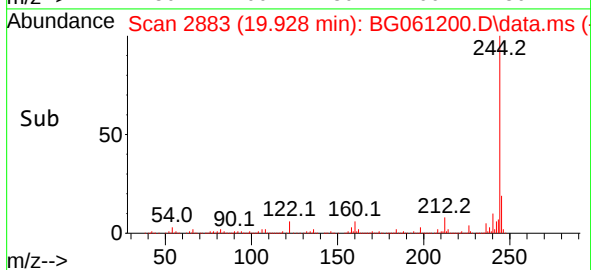
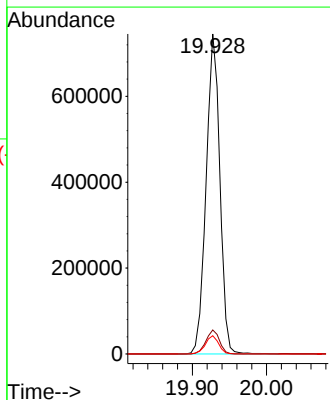
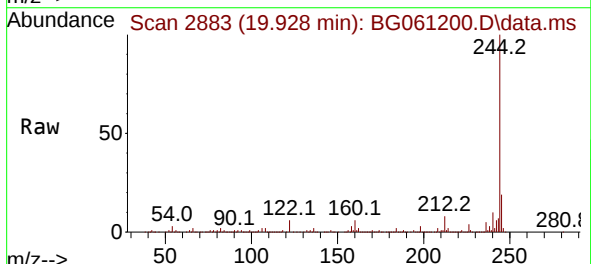
Instrument :
BNA_G
ClientSampleId :
PB160903BL

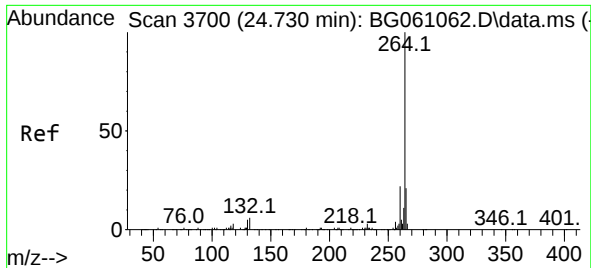
Tgt Ion:184 Resp: 760
Ion Ratio Lower Upper
184 100
185 0.0 12.0 18.0#
183 0.0 10.9 16.3#



#79
Terphenyl-d14
Concen: 94.083 ng
RT: 19.928 min Scan# 2883
Delta R.T. -0.026 min
Lab File: BG061200.D
Acq: 15 May 2024 10:40

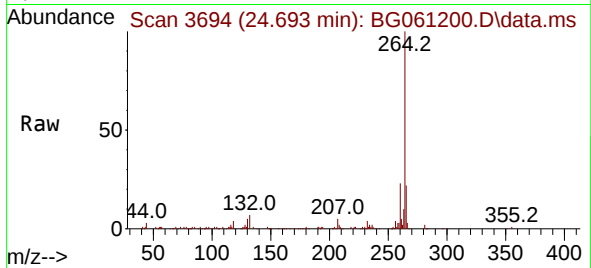
Tgt Ion:244 Resp: 958622
Ion Ratio Lower Upper
244 100
212 7.5 5.7 8.5
122 5.7 4.2 6.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.693 min Scan# 30
 Delta R.T. -0.037 min
 Lab File: BG061200.D
 Acq: 15 May 2024 10:40

Instrument :
 BNA_G
 ClientSampleId :
 PB160903BL



Tgt Ion:264 Resp: 194042

Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.7	26.5
265	21.9	16.4	24.6

