

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040624\
 Data File : BG060810.D
 Acq On : 6 Apr 2024 14:11
 Operator : MA/JU
 Sample : P1995-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 08 02:06:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 03:12:26 2024
 Response via : Initial Calibration

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

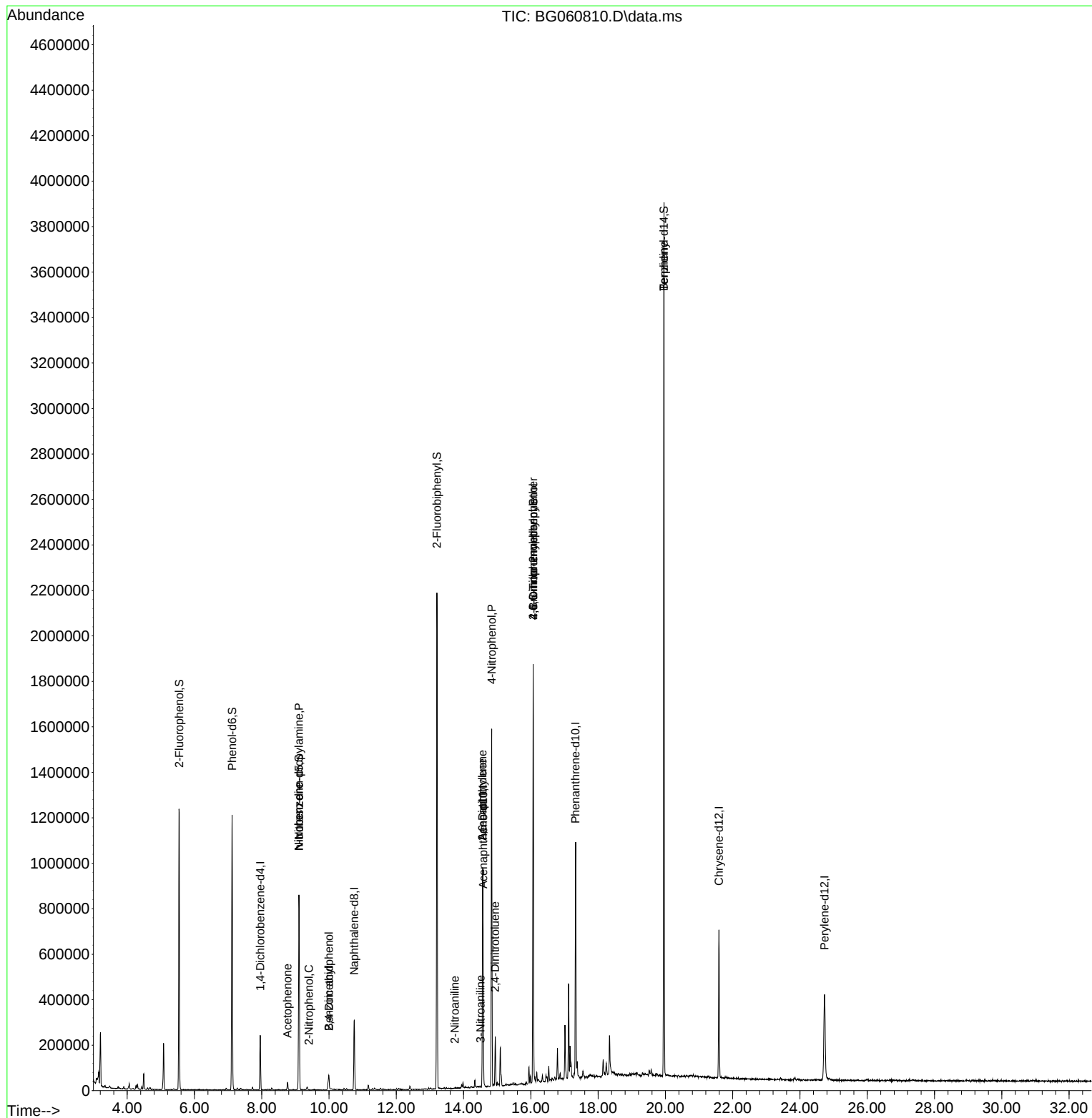
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.954	152	63693	20.000	ng	0.00
21) Naphthalene-d8	10.750	136	251066	20.000	ng	0.00
39) Acenaphthene-d10	14.581	164	194429	20.000	ng	0.00
64) Phenanthrene-d10	17.325	188	400759	20.000	ng	-0.01
76) Chrysene-d12	21.590	240	389206	20.000	ng	-0.01
86) Perylene-d12	24.728	264	449790	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	484003	126.591	ng	0.00
7) Phenol-d6	7.119	99	617187	108.749	ng	0.00
23) Nitrobenzene-d5	9.105	82	472391	107.364	ng	0.00
42) 2,4,6-Tribromophenol	16.068	330	364202	165.015	ng	0.00
45) 2-Fluorobiphenyl	13.206	172	1126997	85.070	ng	-0.01
79) Terphenyl-d14	19.957	244	1966477	88.967	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.105	70	64849	14.984	ng	# 74
22) Acetophenone	8.764	105	16266	2.350	ng	# 90
24) Nitrobenzene	9.105	77	2003	3.158	ng	# 40
26) 2-Nitrophenol	9.399	139	64	3.001	ng	# 31
27) 2,4-Dimethylphenol	9.992	122	28383	6.972	ng	# 1
32) Benzoic acid	9.992	122	28383	15.823	ng	# 91
48) 2-Nitroaniline	13.735	65	109	2.825	ng	# 11
49) Acenaphthylene	14.563	152	59797	3.411	ng	# 85
51) 2,6-Dinitrotoluene	14.563	165	133373	48.438	ng	# 29
53) 3-Nitroaniline	14.505	138	67	2.872	ng	# 1
56) 4-Nitrophenol	14.834	139	15150	6.743	ng	# 29
57) 2,4-Dinitrotoluene	14.939	165	28433	10.958	ng	# 37
65) 4,6-Dinitro-2-methylph...	16.068	198	1482	7.799	ng	# 1
67) 4-Bromophenyl-phenylether	16.068	248	25225	6.202	ng	# 1
77) Benzidine	19.957	184	31461	3.070	ng	# 94

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

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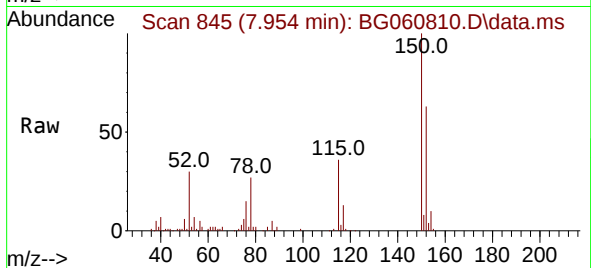
Quant Time: Apr 08 02:06:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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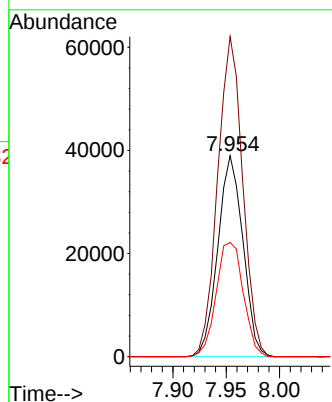
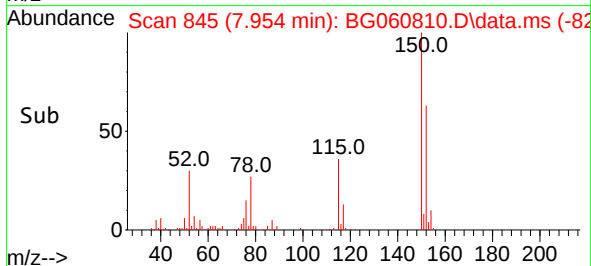


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.954 min Scan# 84
Delta R.T. -0.007 min
Lab File: BG060810.D
Acq: 6 Apr 2024 14:11

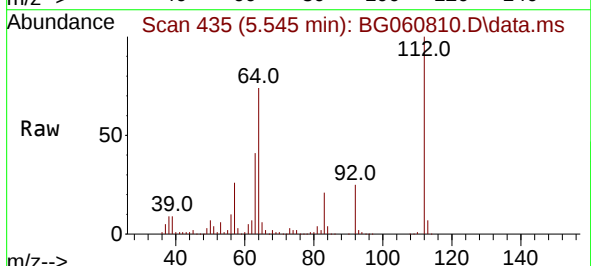
Instrument :
BNA_G
ClientSampleId :



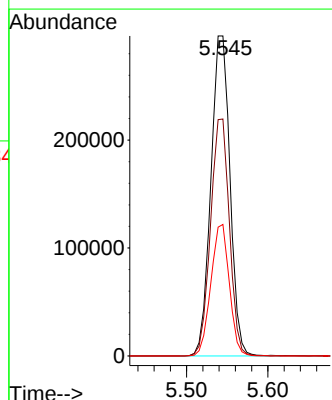
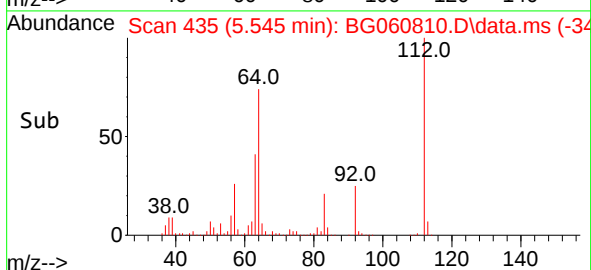
Tgt Ion:152 Resp: 63693
Ion Ratio Lower Upper
152 100
150 159.2 130.2 195.4
115 56.9 51.6 77.4

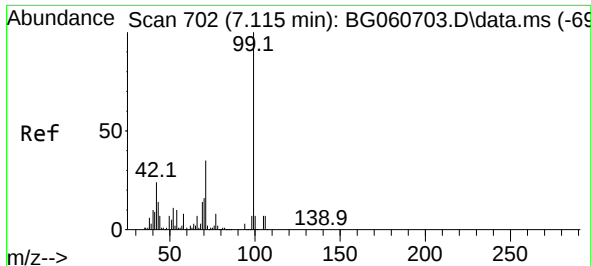


#5
2-Fluorophenol
Concen: 126.591 ng
RT: 5.545 min Scan# 435
Delta R.T. 0.010 min
Lab File: BG060810.D
Acq: 6 Apr 2024 14:11



Tgt Ion:112 Resp: 484003
Ion Ratio Lower Upper
112 100
64 74.0 58.4 87.6
63 41.1 32.7 49.1

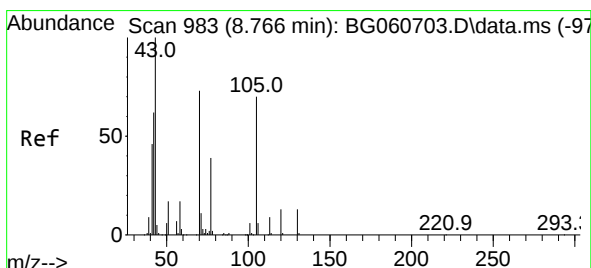
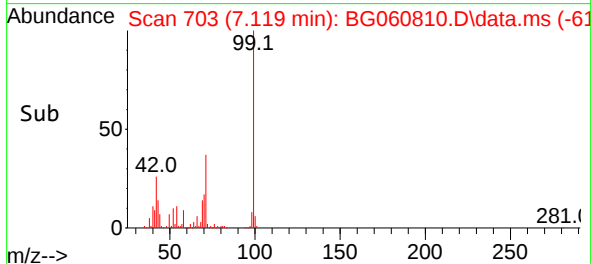
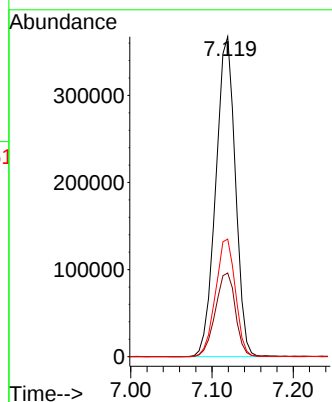
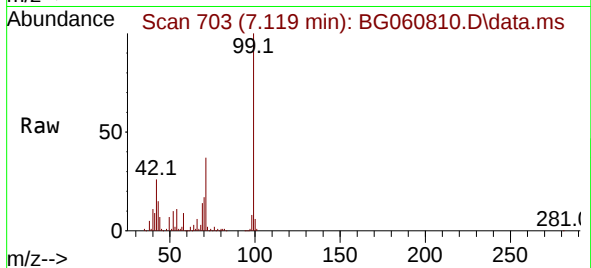




#7
Phenol-d6
Concen: 108.749 ng
RT: 7.119 min Scan# 702
Delta R.T. 0.004 min
Lab File: BG060810.D
Acq: 6 Apr 2024 14:11

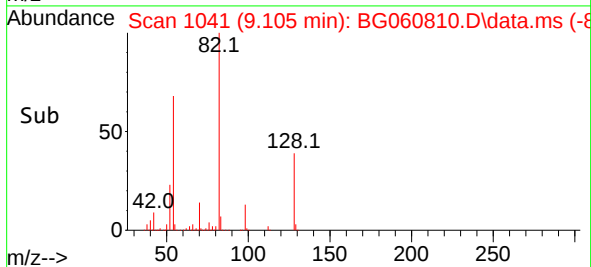
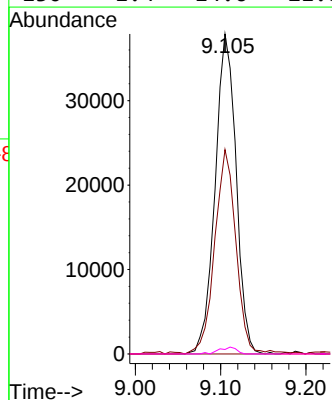
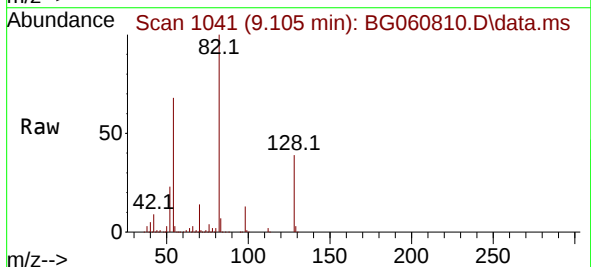
Instrument :
BNA_G
ClientSampleId :

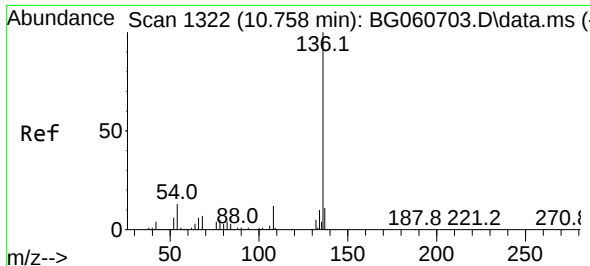
Tgt Ion: 99 Resp: 617187
Ion Ratio Lower Upper
99 100
42 26.1 19.4 29.2
71 36.7 28.2 42.2



#19
n-Nitroso-di-n-propylamine
Concen: 14.984 ng
RT: 9.105 min Scan# 1041
Delta R.T. 0.339 min
Lab File: BG060810.D
Acq: 6 Apr 2024 14:11

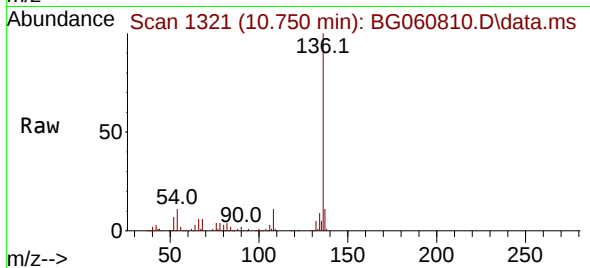
Tgt Ion: 70 Resp: 64849
Ion Ratio Lower Upper
70 100
42 63.9 68.4 102.6#
101 0.0 6.1 9.1#
130 1.4 14.6 21.8#



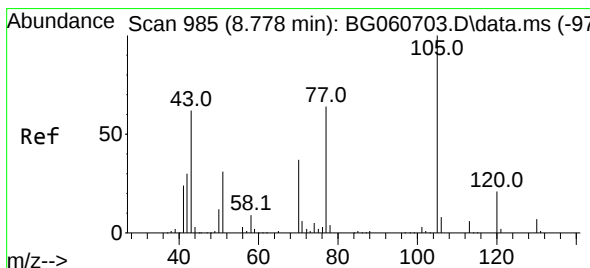
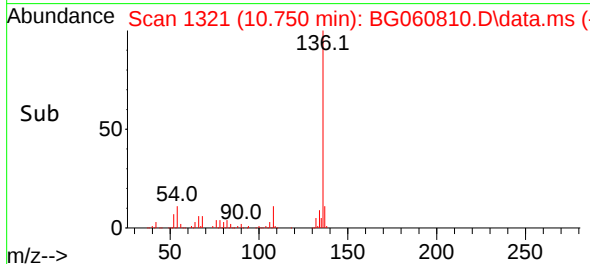
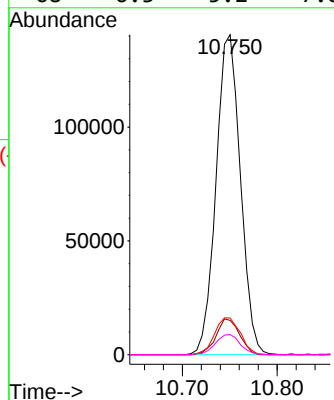


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.750 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG060810.D
Acq: 6 Apr 2024 14:11

Instrument :
BNA_G
ClientSampleId :

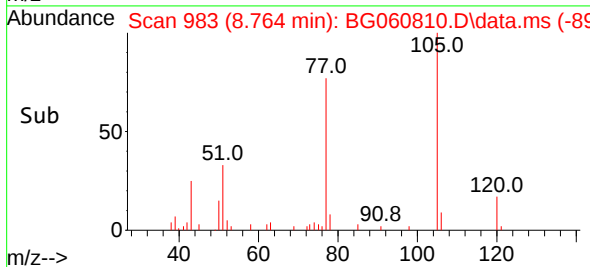
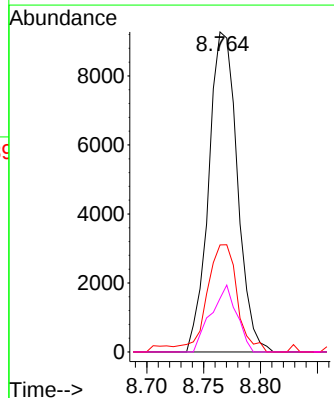
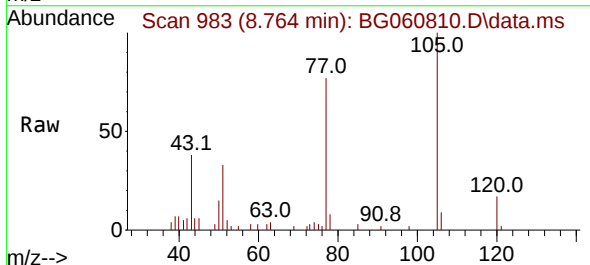


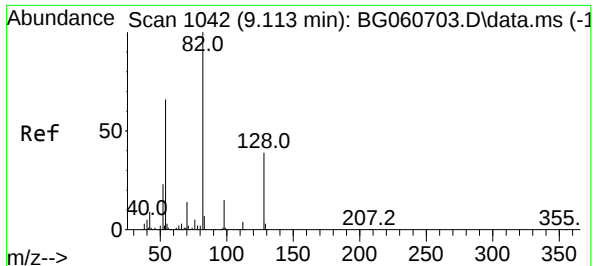
Tgt Ion:136 Resp: 251066
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 11.4 10.2 15.2
68 6.3 5.2 7.8



#22
Acetophenone
Concen: 2.350 ng
RT: 8.764 min Scan# 983
Delta R.T. -0.014 min
Lab File: BG060810.D
Acq: 6 Apr 2024 14:11

Tgt Ion:105 Resp: 16266
Ion Ratio Lower Upper
105 100
71 0.0 4.9 7.3#
51 33.5 31.1 46.7
120 16.7 17.0 25.4#





#23

Nitrobenzene-d5

Concen: 107.364 ng

RT: 9.105 min Scan# 1041

Delta R.T. -0.008 min

Lab File: BG060810.D

Acq: 6 Apr 2024 14:11

Instrument :

BNA_G

ClientSampleId :

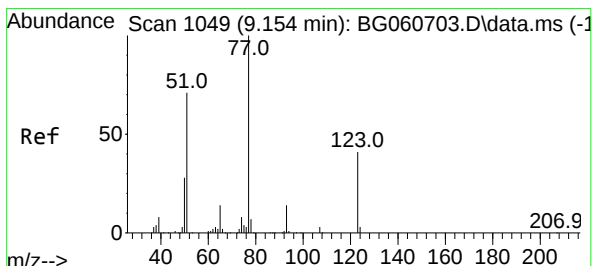
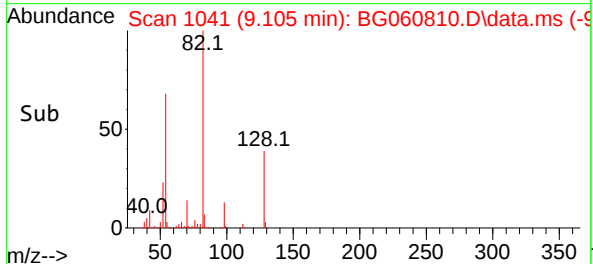
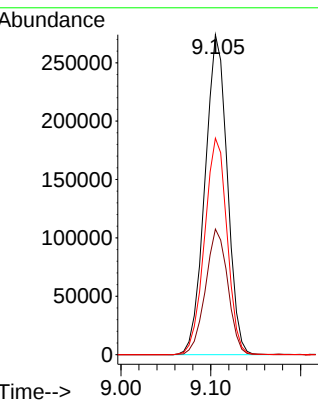
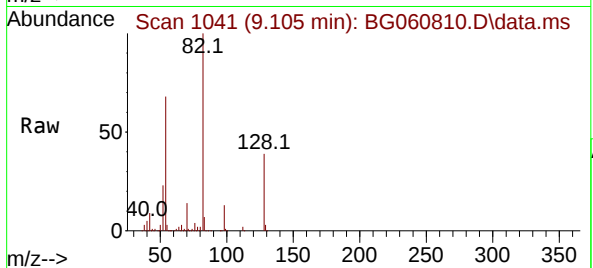
Tgt Ion: 82 Resp: 472391

Ion Ratio Lower Upper

82 100

128 39.2 31.2 46.8

54 67.7 53.2 79.8



#24

Nitrobenzene

Concen: 3.158 ng

RT: 9.105 min Scan# 1041

Delta R.T. -0.049 min

Lab File: BG060810.D

Acq: 6 Apr 2024 14:11

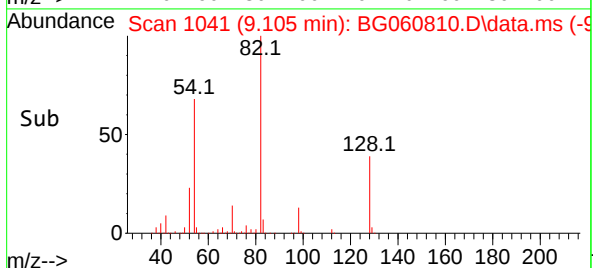
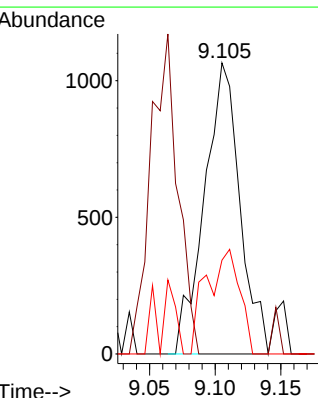
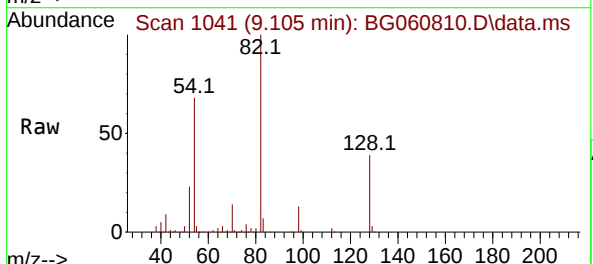
Tgt Ion: 77 Resp: 2003

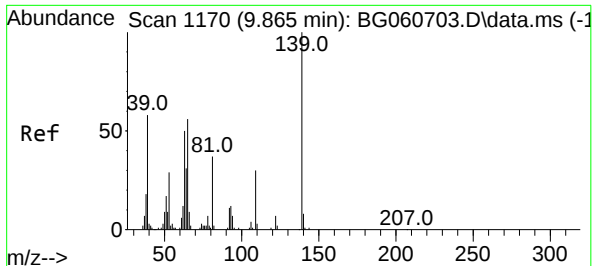
Ion Ratio Lower Upper

77 100

123 0.0 32.7 49.1#

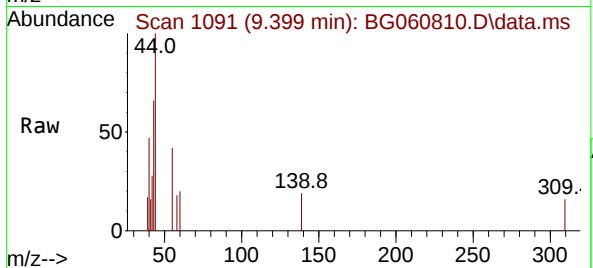
65 32.2 11.3 16.9#



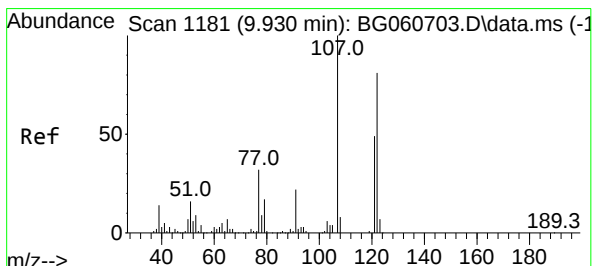
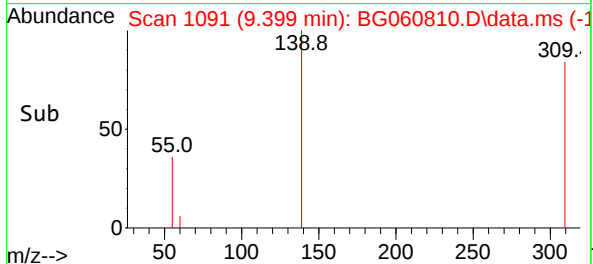
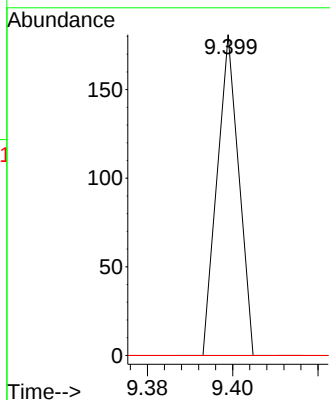


#26
2-Nitrophenol
Concen: 3.001 ng
RT: 9.399 min Scan# 1170
Delta R.T. -0.466 min
Lab File: BG060810.D
Acq: 6 Apr 2024 14:11

Instrument :
BNA_G
ClientSampleId :

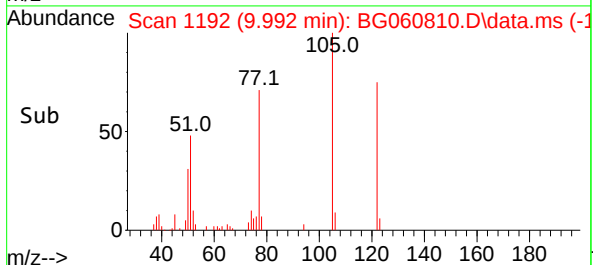
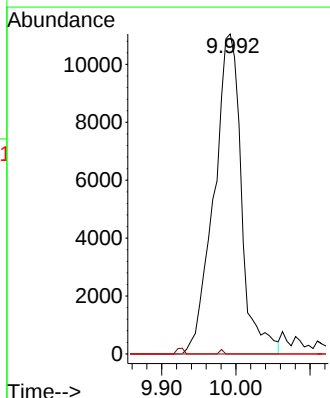
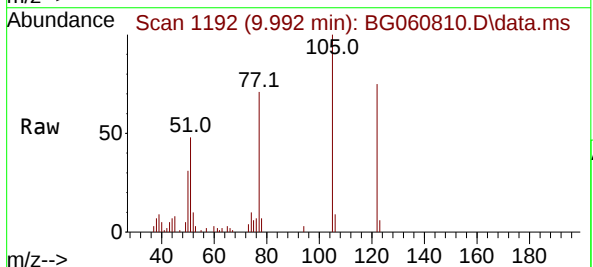


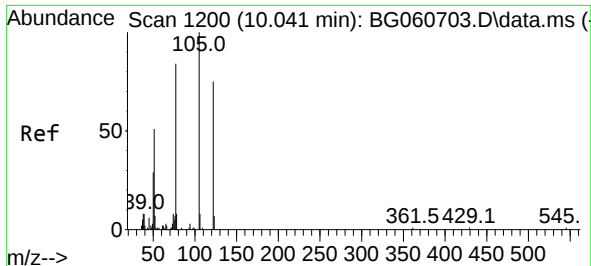
Tgt Ion:139 Resp: 64
Ion Ratio Lower Upper
139 100
109 0.0 23.9 35.9#
65 0.0 44.5 66.7#



#27
2,4-Dimethylphenol
Concen: 6.972 ng
RT: 9.992 min Scan# 1192
Delta R.T. 0.062 min
Lab File: BG060810.D
Acq: 6 Apr 2024 14:11

Tgt Ion:122 Resp: 28383
Ion Ratio Lower Upper
122 100
107 0.0 98.6 147.8#
121 0.0 48.1 72.1#

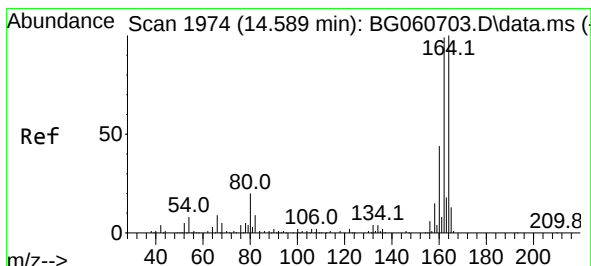
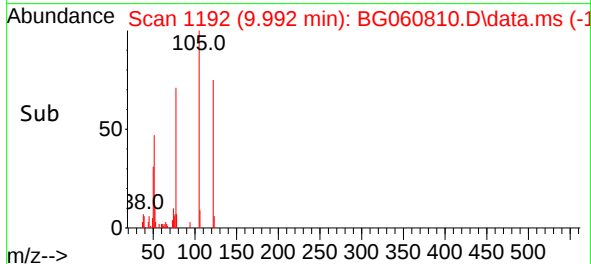
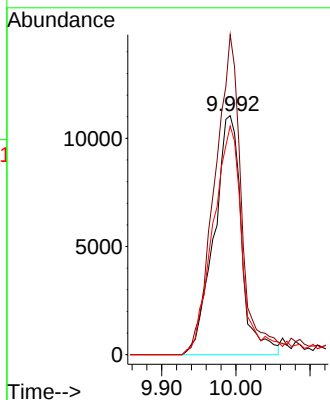
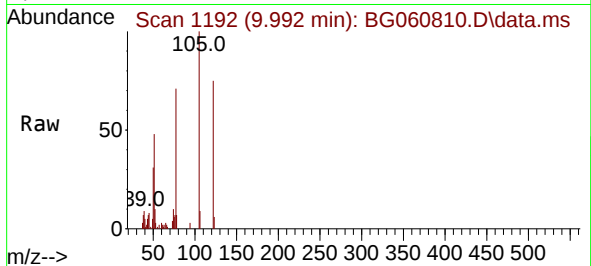




#32
Benzoic acid
Concen: 15.823 ng
RT: 9.992 min Scan# 1192
Delta R.T. -0.049 min
Lab File: BG060810.D
Acq: 6 Apr 2024 14:11

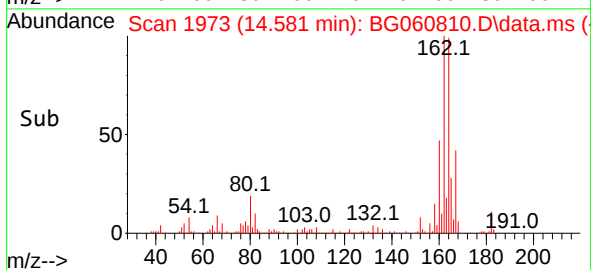
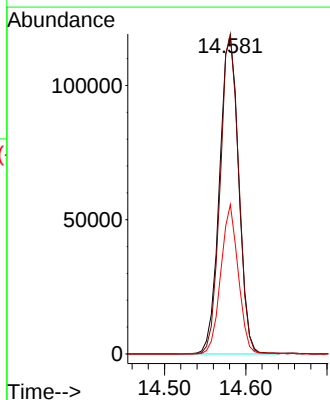
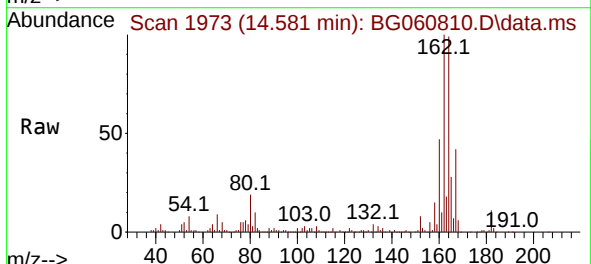
Instrument :
BNA_G
ClientSampleId :

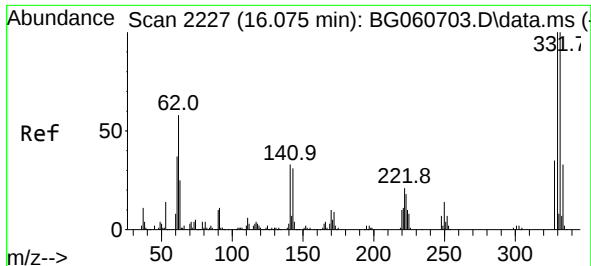
Tgt Ion:122 Resp: 28383
Ion Ratio Lower Upper
122 100
105 133.9 104.5 144.5
77 95.7 85.3 125.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.581 min Scan# 1973
Delta R.T. -0.008 min
Lab File: BG060810.D
Acq: 6 Apr 2024 14:11

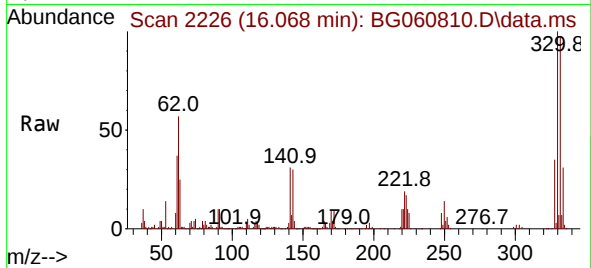
Tgt Ion:164 Resp: 194429
Ion Ratio Lower Upper
164 100
162 100.9 79.5 119.3
160 47.1 35.4 53.0



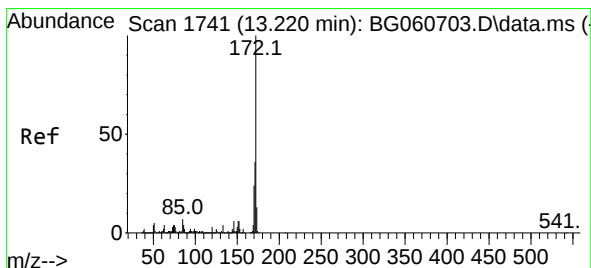
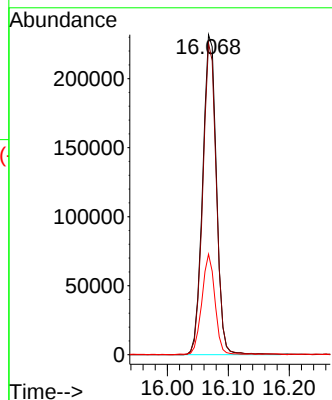
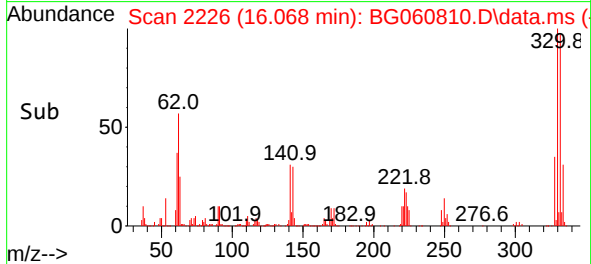


#42
2,4,6-Tribromophenol
Concen: 165.015 ng
RT: 16.068 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG060810.D
Acq: 6 Apr 2024 14:11

Instrument :
BNA_G
ClientSampleId :

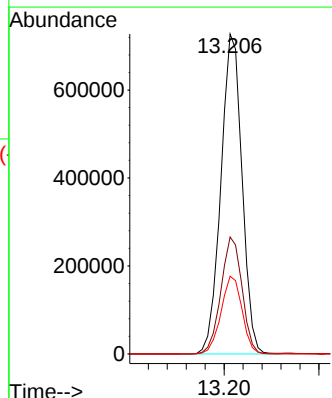
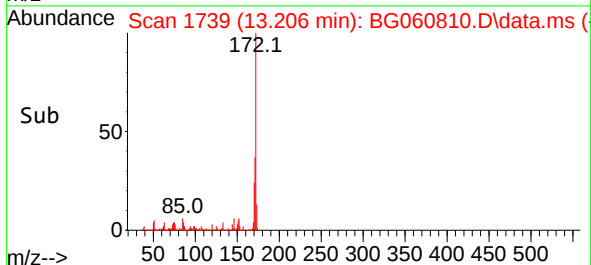
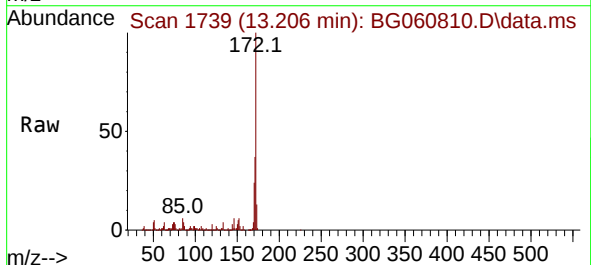


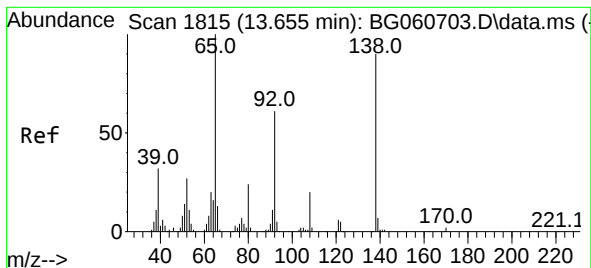
Tgt Ion:330 Resp: 364202
Ion Ratio Lower Upper
330 100
332 96.2 78.2 117.4
141 30.0 27.0 40.6



#45
2-Fluorobiphenyl
Concen: 85.070 ng
RT: 13.206 min Scan# 1739
Delta R.T. -0.014 min
Lab File: BG060810.D
Acq: 6 Apr 2024 14:11

Tgt Ion:172 Resp: 1126997
Ion Ratio Lower Upper
172 100
171 36.6 28.7 43.1
170 24.3 19.4 29.0

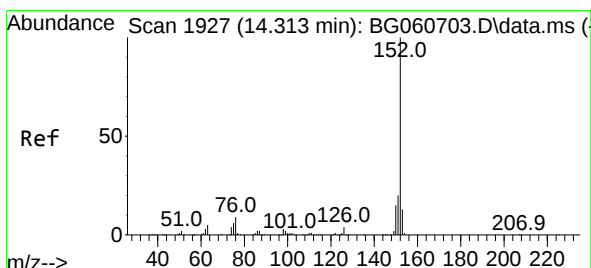
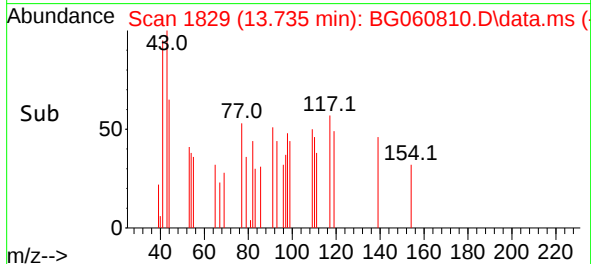
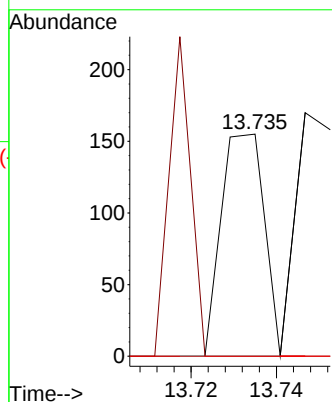
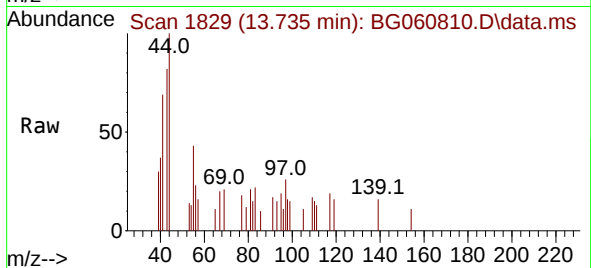




#48
2-Nitroaniline
Concen: 2.825 ng
RT: 13.735 min Scan# 1815
Delta R.T. 0.080 min
Lab File: BG060810.D
Acq: 6 Apr 2024 14:11

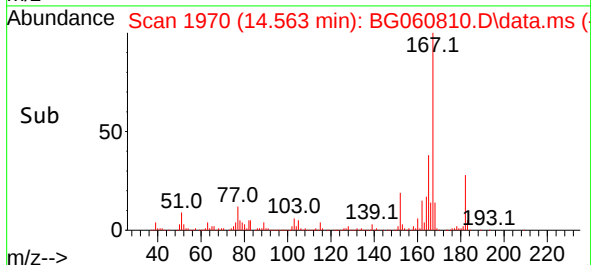
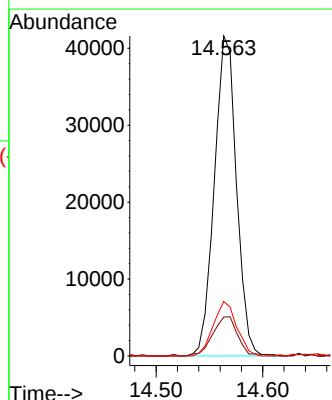
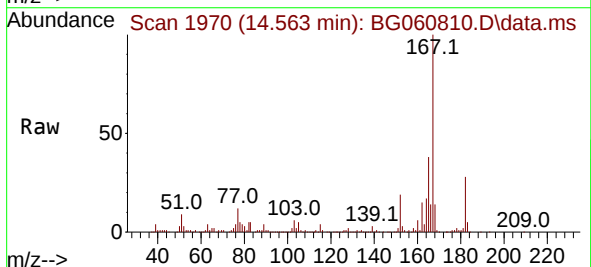
Instrument :
BNA_G
ClientSampleId :

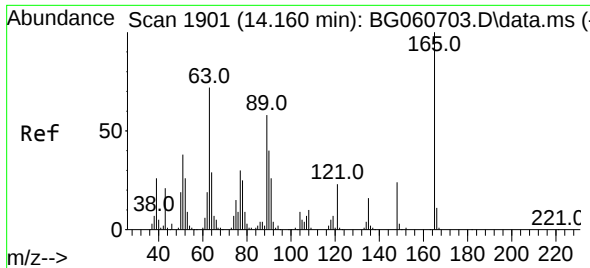
Tgt Ion: 65 Resp: 109
Ion Ratio Lower Upper
65 100
92 0.0 48.6 72.8#
138 0.0 72.2 108.4#



#49
Acenaphthylene
Concen: 3.411 ng
RT: 14.563 min Scan# 1970
Delta R.T. 0.250 min
Lab File: BG060810.D
Acq: 6 Apr 2024 14:11

Tgt Ion: 152 Resp: 59797
Ion Ratio Lower Upper
152 100
151 12.2 16.4 24.6#
153 17.0 10.5 15.7#

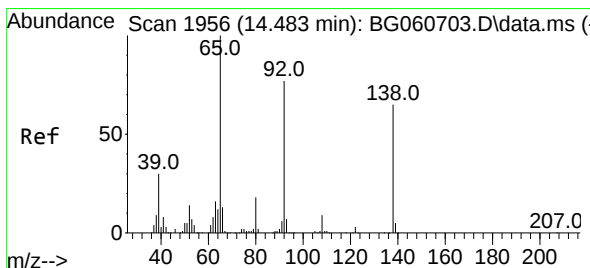
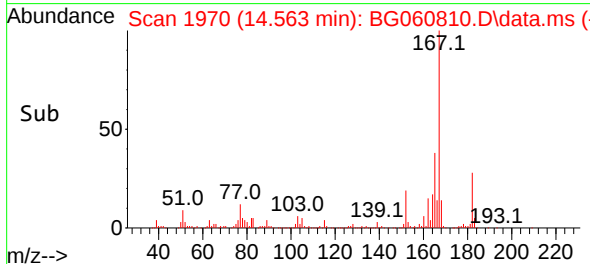
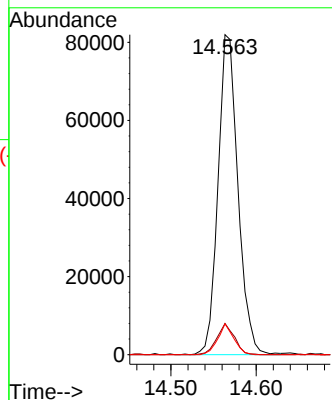
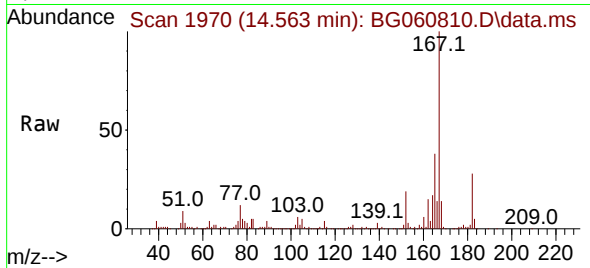




#51
2,6-Dinitrotoluene
Concen: 48.438 ng
RT: 14.563 min Scan# 1901
Delta R.T. 0.403 min
Lab File: BG060810.D
Acq: 6 Apr 2024 14:11

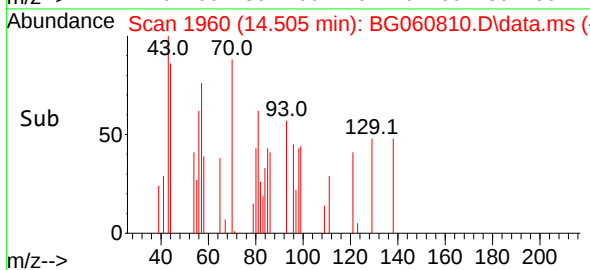
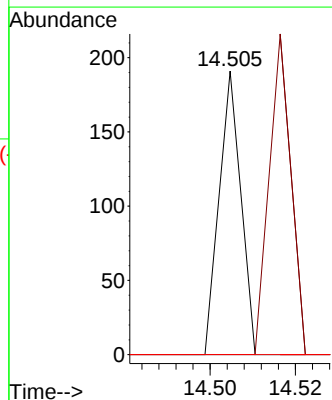
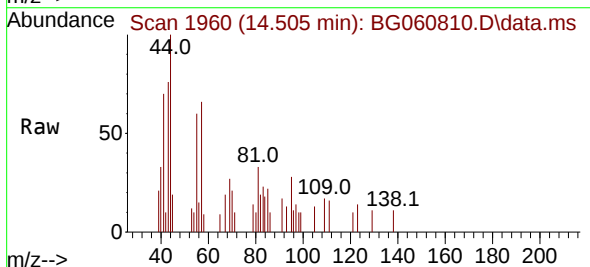
Instrument :
BNA_G
ClientSampleId :

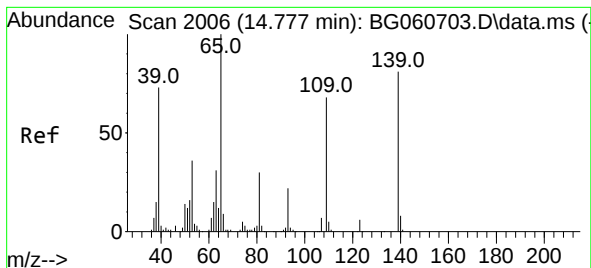
Tgt Ion:165 Resp: 133373
Ion Ratio Lower Upper
165 100
63 9.8 58.2 87.4#
89 9.7 46.1 69.1#



#53
3-Nitroaniline
Concen: 2.872 ng
RT: 14.505 min Scan# 1960
Delta R.T. 0.022 min
Lab File: BG060810.D
Acq: 6 Apr 2024 14:11

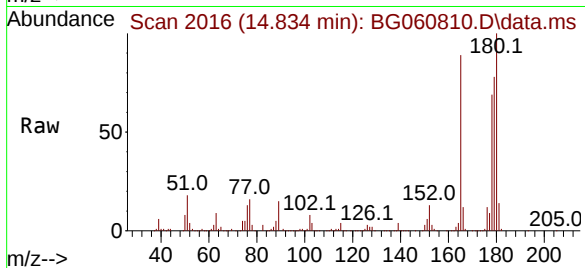
Tgt Ion:138 Resp: 67
Ion Ratio Lower Upper
138 100
108 0.0 11.3 16.9#
92 0.0 94.1 141.1#



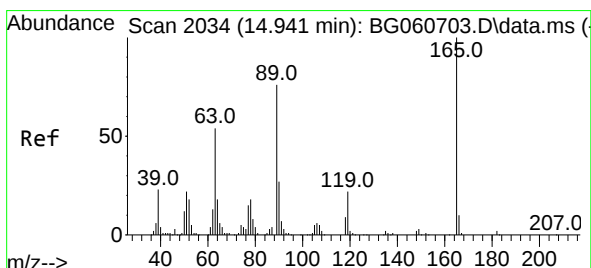
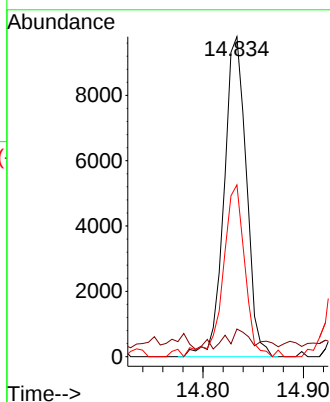
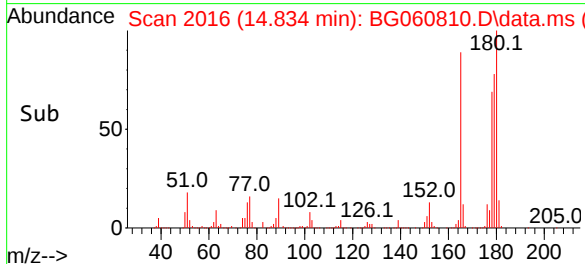


#56
4-Nitrophenol
Concen: 6.743 ng
RT: 14.834 min Scan# 2016
Delta R.T. 0.057 min
Lab File: BG060810.D
Acq: 6 Apr 2024 14:11

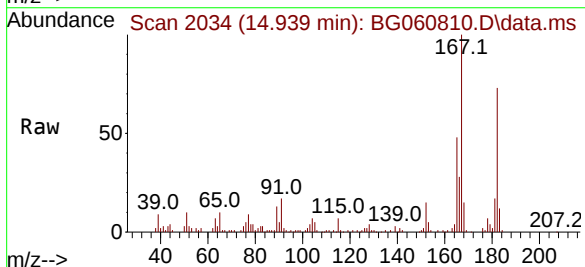
Instrument :
BNA_G
ClientSampleId :



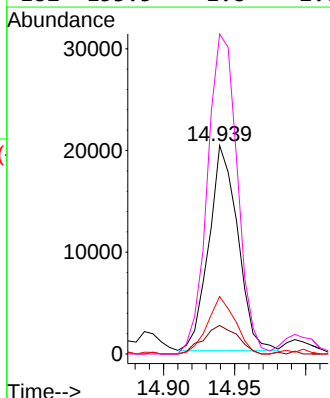
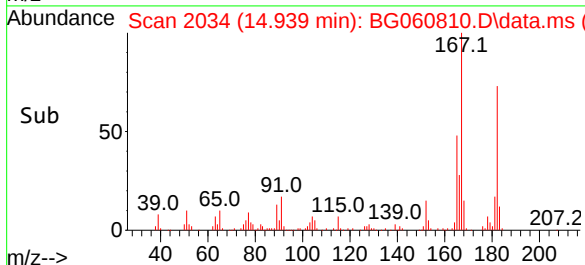
Tgt Ion:139 Resp: 15150
Ion Ratio Lower Upper
139 100
109 8.6 64.0 104.0#
65 53.7 104.3 144.3#

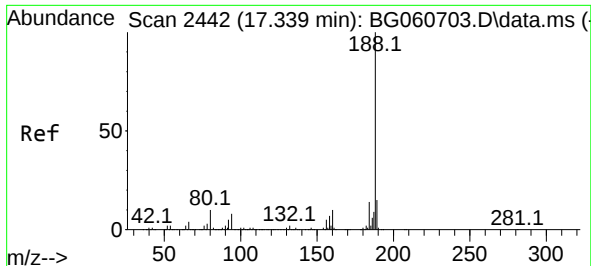


#57
2,4-Dinitrotoluene
Concen: 10.958 ng
RT: 14.939 min Scan# 2034
Delta R.T. -0.002 min
Lab File: BG060810.D
Acq: 6 Apr 2024 14:11



Tgt Ion:165 Resp: 28433
Ion Ratio Lower Upper
165 100
63 13.7 43.4 65.0#
89 27.6 61.0 91.6#
182 153.5 1.8 2.6#

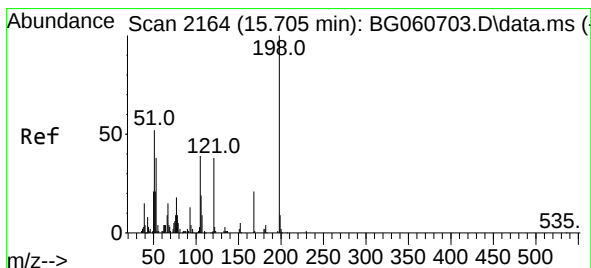
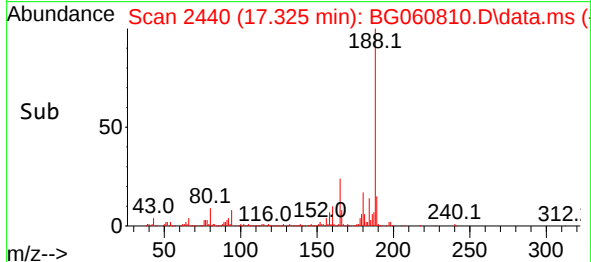
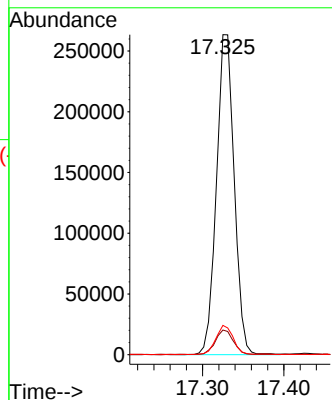
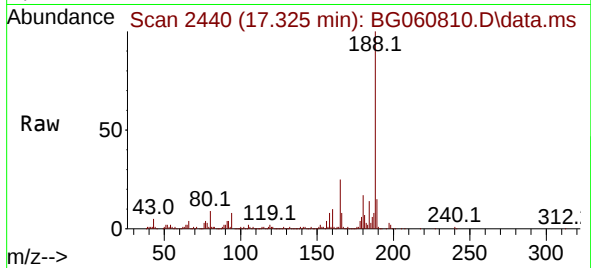




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.325 min Scan# 2442
Delta R.T. -0.014 min
Lab File: BG060810.D
Acq: 6 Apr 2024 14:11

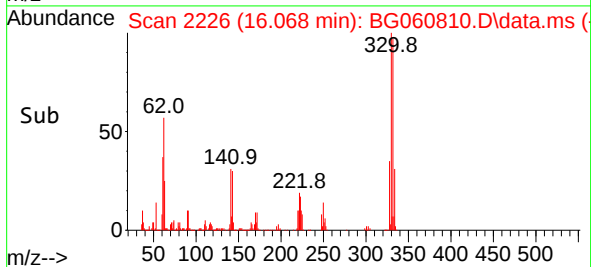
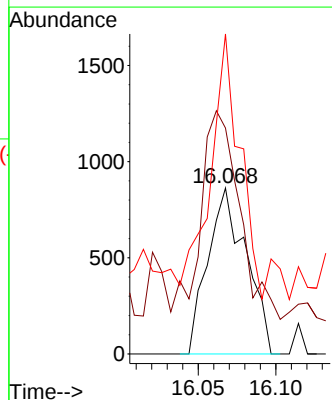
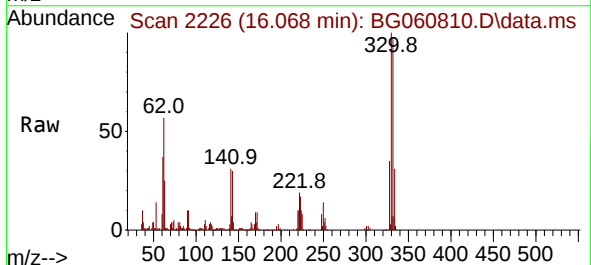
Instrument :
BNA_G
ClientSampleId :

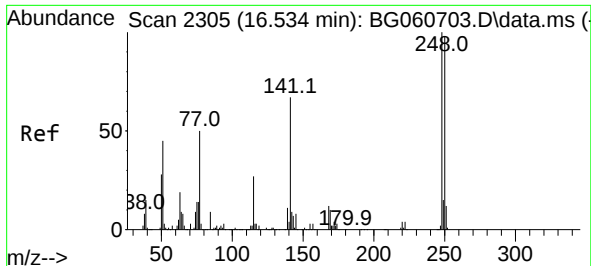
Tgt Ion:188 Resp: 400759
Ion Ratio Lower Upper
188 100
94 7.7 6.6 9.8
80 9.1 7.6 11.4



#65
4,6-Dinitro-2-methylphenol
Concen: 7.799 ng
RT: 16.068 min Scan# 2226
Delta R.T. 0.363 min
Lab File: BG060810.D
Acq: 6 Apr 2024 14:11

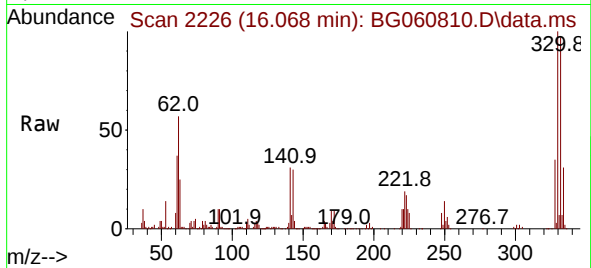
Tgt Ion:198 Resp: 1482
Ion Ratio Lower Upper
198 100
51 136.2 36.7 76.7#
105 192.8 19.1 59.1#



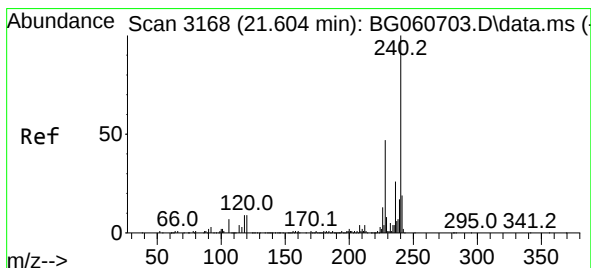
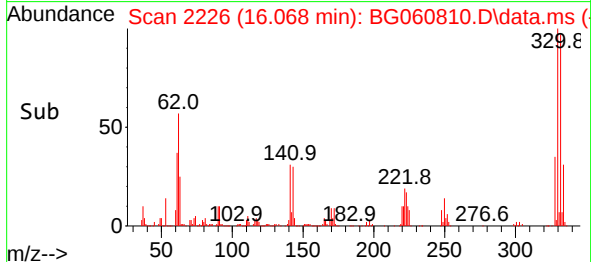
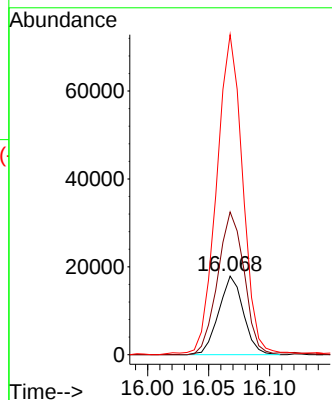


#67
4-Bromophenyl-phenylether
Concen: 6.202 ng
RT: 16.068 min Scan# 21
Delta R.T. -0.466 min
Lab File: BG060810.D
Acq: 6 Apr 2024 14:11

Instrument :
BNA_G
ClientSampleId :

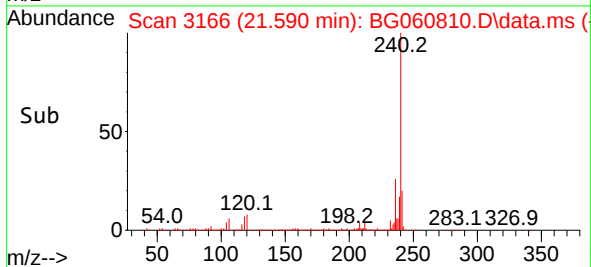
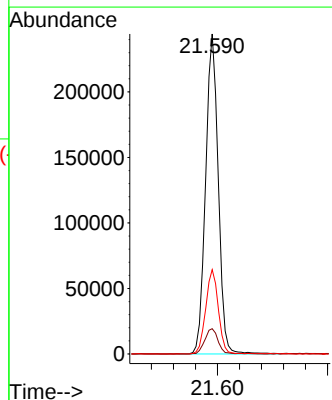
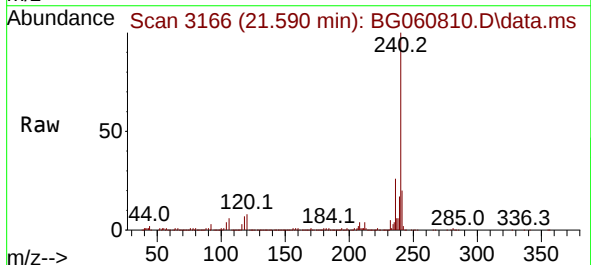


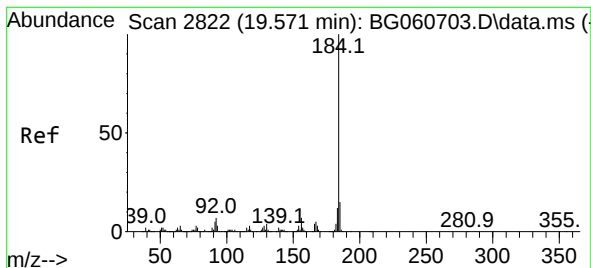
Tgt Ion:248 Resp: 25225
Ion Ratio Lower Upper
248 100
250 181.8 78.3 117.5#
141 407.5 53.7 80.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.590 min Scan# 3166
Delta R.T. -0.014 min
Lab File: BG060810.D
Acq: 6 Apr 2024 14:11

Tgt Ion:240 Resp: 389206
Ion Ratio Lower Upper
240 100
120 7.9 7.1 10.7
236 26.4 20.7 31.1





#77

Benzidine

Concen: 3.070 ng

RT: 19.957 min Scan# 2888

Delta R.T. 0.386 min

Lab File: BG060810.D

Acq: 6 Apr 2024 14:11

Instrument :

BNA_G

ClientSampleId :

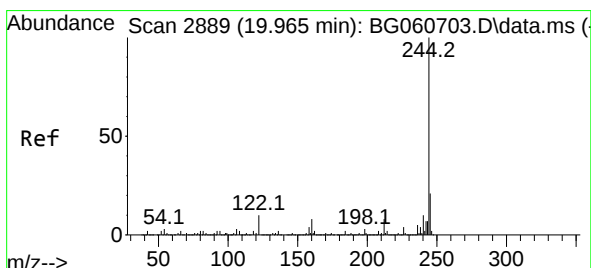
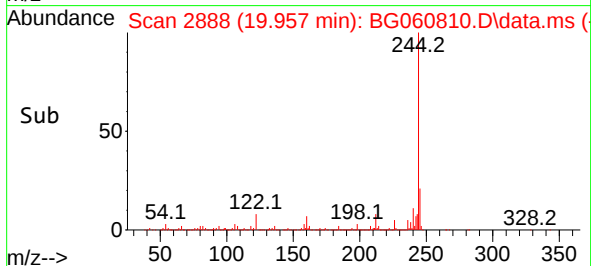
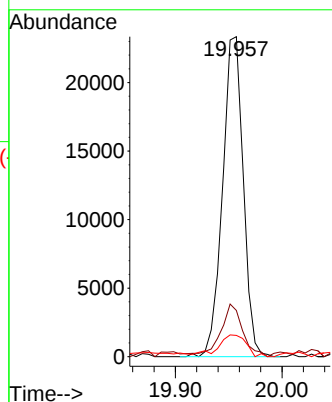
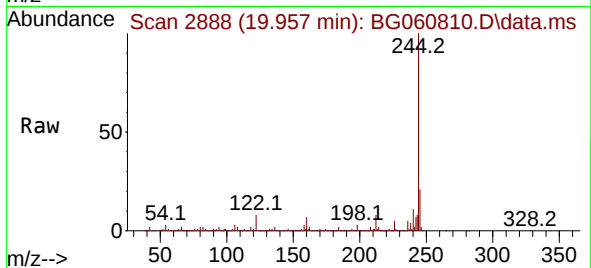
Tgt Ion:184 Resp: 31461

Ion Ratio Lower Upper

184 100

185 14.5 11.8 17.6

183 6.7 9.5 14.3#



#79

Terphenyl-d14

Concen: 88.967 ng

RT: 19.957 min Scan# 2888

Delta R.T. -0.008 min

Lab File: BG060810.D

Acq: 6 Apr 2024 14:11

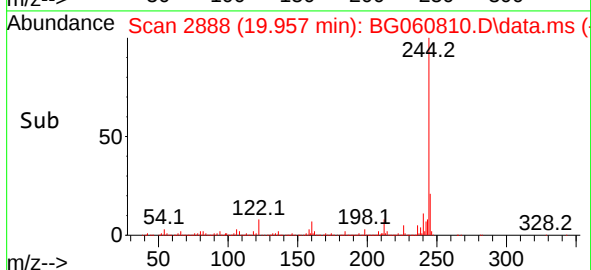
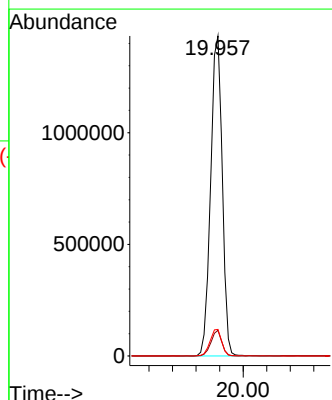
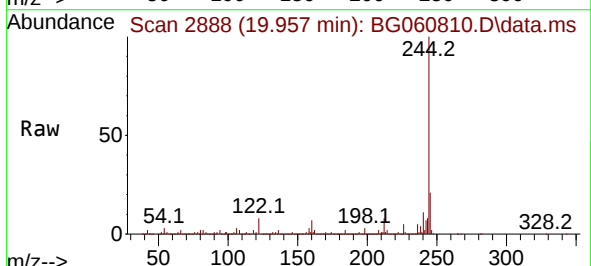
Tgt Ion:244 Resp: 1966477

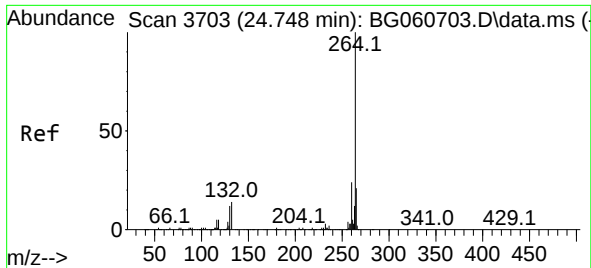
Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

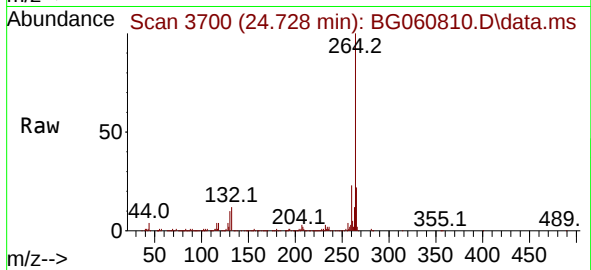
122 8.3 7.8 11.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.728 min Scan# 31
 Delta R.T. -0.020 min
 Lab File: BG060810.D
 Acq: 6 Apr 2024 14:11

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:264 Resp: 449790
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.5 29.3
 265 21.5 16.9 25.3

