

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040624\
 Data File : BG060815.D
 Acq On : 6 Apr 2024 17:34
 Operator : MA/JU
 Sample : P1995-01DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 08 02:08:49 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)

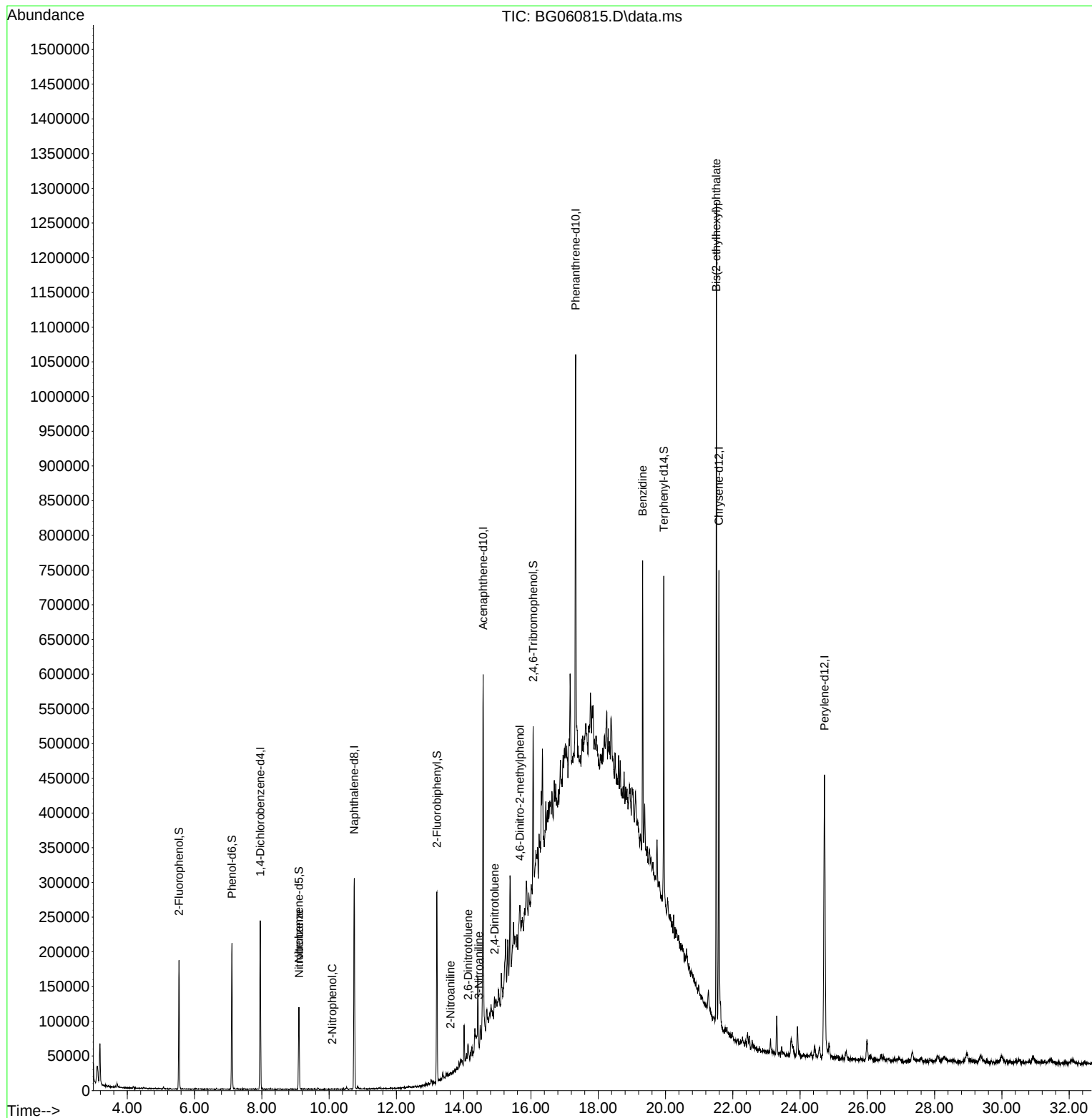
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.953	152	66550	20.000	ng	0.00
21) Naphthalene-d8	10.750	136	252899	20.000	ng	0.00
39) Acenaphthene-d10	14.580	164	184950	20.000	ng	0.00
64) Phenanthrene-d10	17.330	188	387190	20.000	ng	0.00
76) Chrysene-d12	21.590	240	380583	20.000	ng	-0.01
86) Perylene-d12	24.727	264	457262	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.538	112	75078	18.794	ng	0.00
7) Phenol-d6	7.113	99	107882	18.193	ng	0.00
23) Nitrobenzene-d5	9.104	82	63942	14.427	ng	0.00
42) 2,4,6-Tribromophenol	16.067	330	50329	23.972	ng	0.00
45) 2-Fluorobiphenyl	13.206	172	145259	11.527	ng	-0.01
79) Terphenyl-d14	19.951	244	237786	11.002	ng	-0.01
Target Compounds						
						Qvalue
24) Nitrobenzene	9.110	77	111	2.794	ng	# 42
26) 2-Nitrophenol	10.097	139	54	2.994	ng	# 31
48) 2-Nitroaniline	13.611	65	362	2.910	ng	# 67
51) 2,6-Dinitrotoluene	14.134	165	1680	4.089	ng	# 17
53) 3-Nitroaniline	14.451	138	232	2.927	ng	# 52
57) 2,4-Dinitrotoluene	14.921	165	952	3.516	ng	# 34
65) 4,6-Dinitro-2-methylph...	15.673	198	560	7.333	ng	# 1
77) Benzidine	19.322	184	209336	20.889	ng	# 86
84) Bis(2-ethylhexyl)phtha...	21.513	149	419464	27.105	ng	# 96

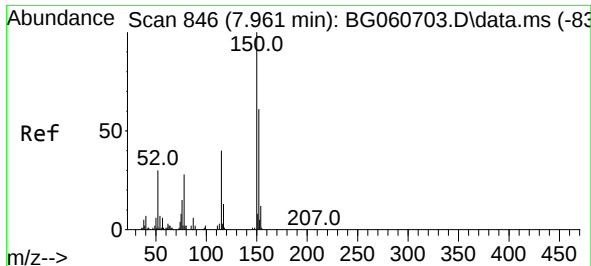
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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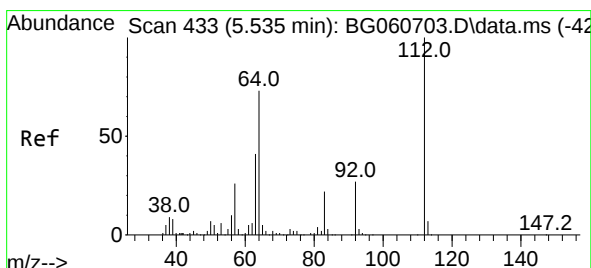
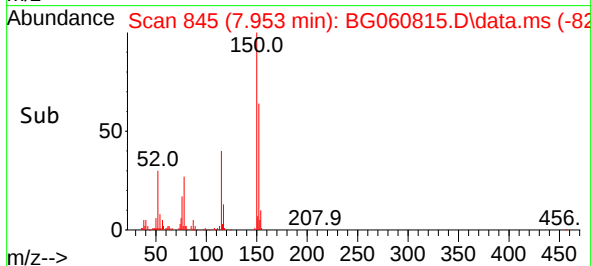
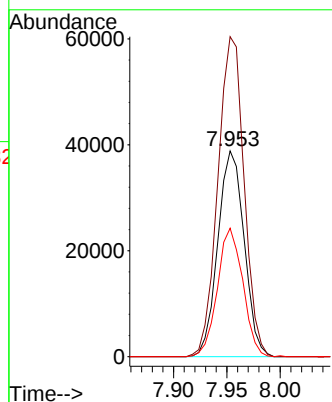
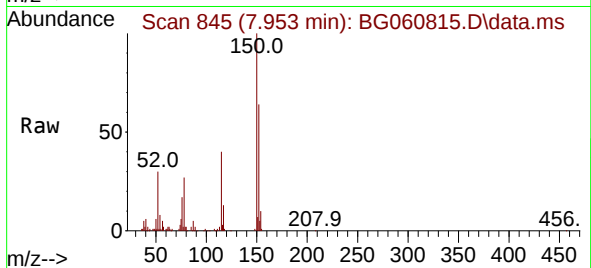




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.953 min Scan# 846
Delta R.T. -0.008 min
Lab File: BG060815.D
Acq: 6 Apr 2024 17:34

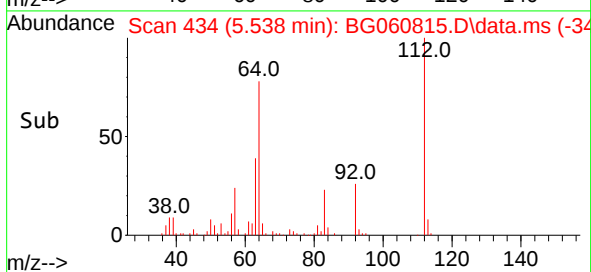
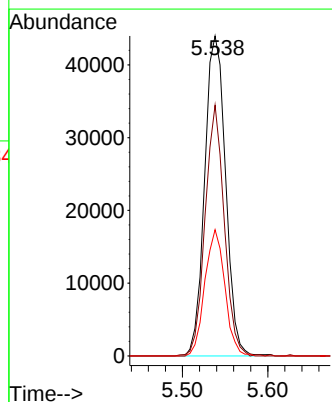
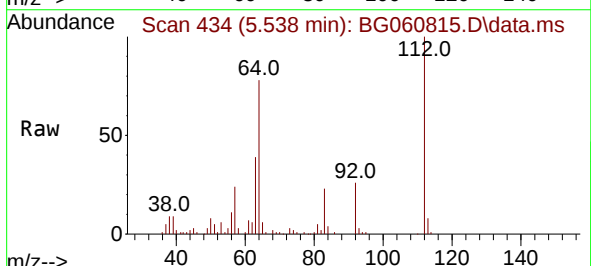
Instrument :
BNA_G
ClientSampleId :

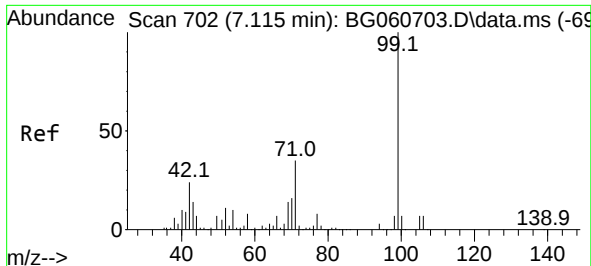
Tgt Ion:152 Resp: 66550
Ion Ratio Lower Upper
152 100
150 155.6 130.2 195.4
115 62.5 51.6 77.4



#5
2-Fluorophenol
Concen: 18.794 ng
RT: 5.538 min Scan# 434
Delta R.T. 0.003 min
Lab File: BG060815.D
Acq: 6 Apr 2024 17:34

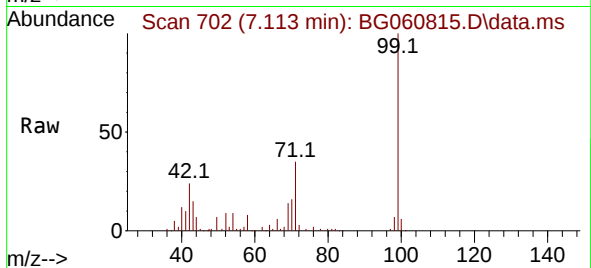
Tgt Ion:112 Resp: 75078
Ion Ratio Lower Upper
112 100
64 78.3 58.4 87.6
63 39.5 32.7 49.1



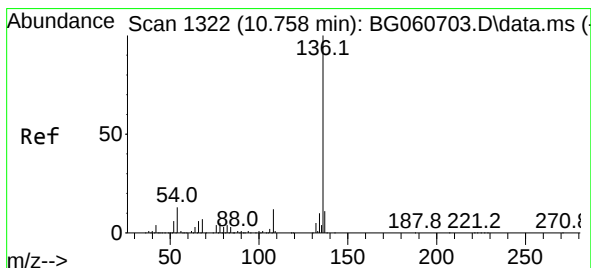
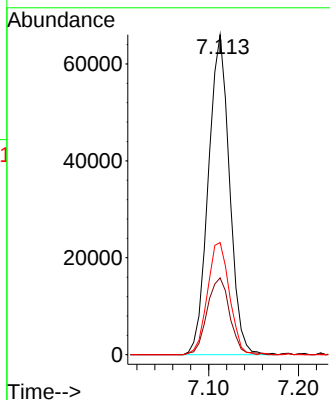
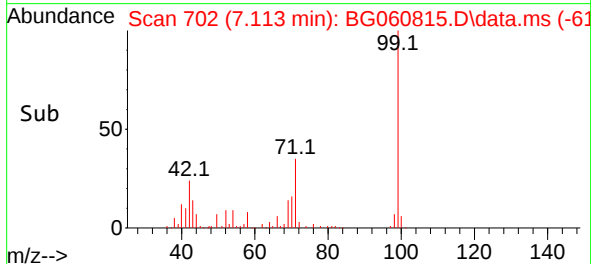


#7
Phenol-d6
Concen: 18.193 ng
RT: 7.113 min Scan# 702
Delta R.T. -0.003 min
Lab File: BG060815.D
Acq: 6 Apr 2024 17:34

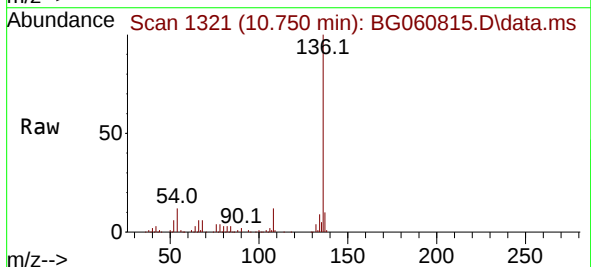
Instrument :
BNA_G
ClientSampleId :



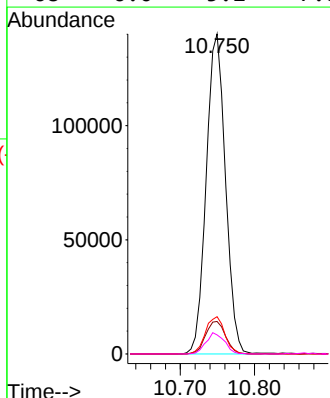
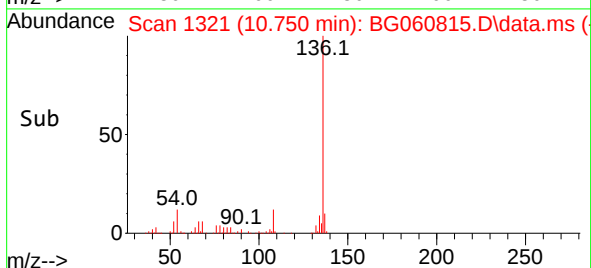
Tgt Ion: 99 Resp: 107882
Ion Ratio Lower Upper
99 100
42 24.0 19.4 29.2
71 35.0 28.2 42.2

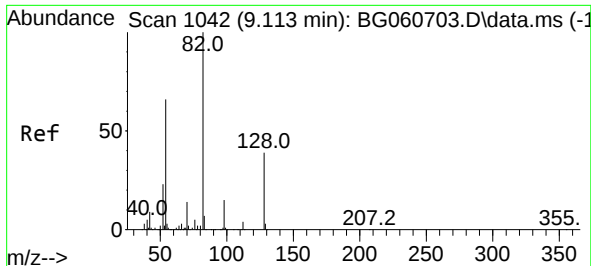


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.750 min Scan# 1321
Delta R.T. -0.008 min
Lab File: BG060815.D
Acq: 6 Apr 2024 17:34



Tgt Ion:136 Resp: 252899
Ion Ratio Lower Upper
136 100
137 10.2 8.8 13.2
54 11.7 10.2 15.2
68 6.0 5.2 7.8





#23

Nitrobenzene-d5

Concen: 14.427 ng

RT: 9.104 min Scan# 1041

Delta R.T. -0.008 min

Lab File: BG060815.D

Acq: 6 Apr 2024 17:34

Instrument :

BNA_G

ClientSampleId :

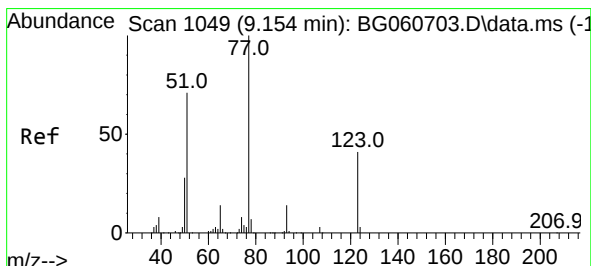
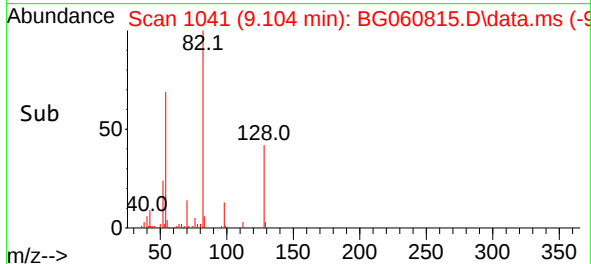
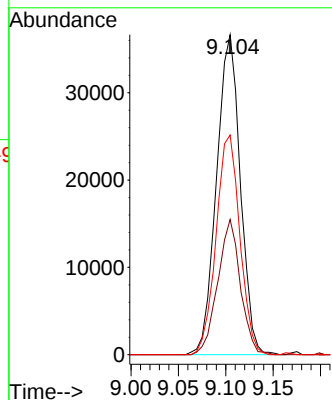
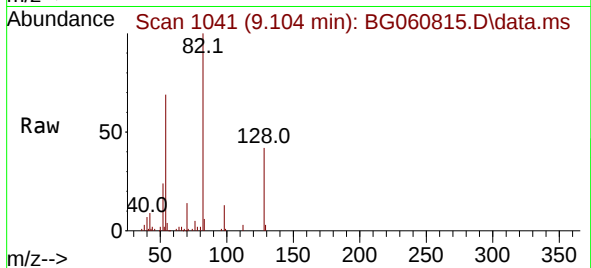
Tgt Ion: 82 Resp: 63942

Ion Ratio Lower Upper

82 100

128 42.3 31.2 46.8

54 68.6 53.2 79.8



#24

Nitrobenzene

Concen: 2.794 ng

RT: 9.110 min Scan# 1042

Delta R.T. -0.044 min

Lab File: BG060815.D

Acq: 6 Apr 2024 17:34

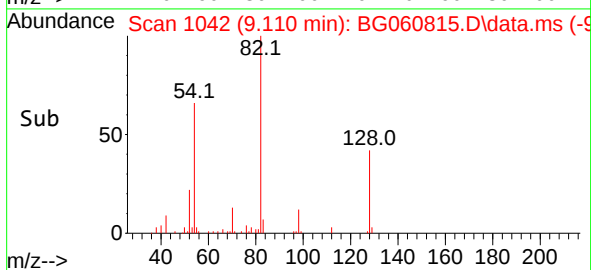
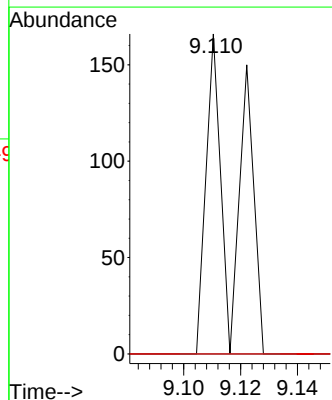
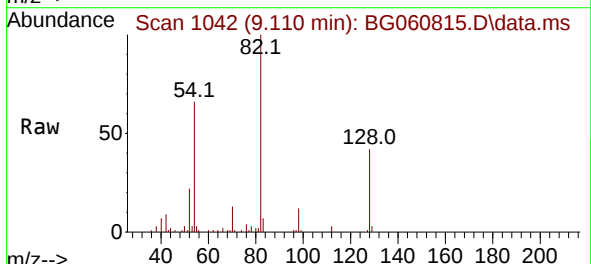
Tgt Ion: 77 Resp: 111

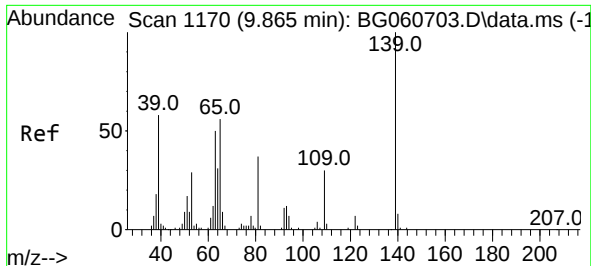
Ion Ratio Lower Upper

77 100

123 0.0 32.7 49.1#

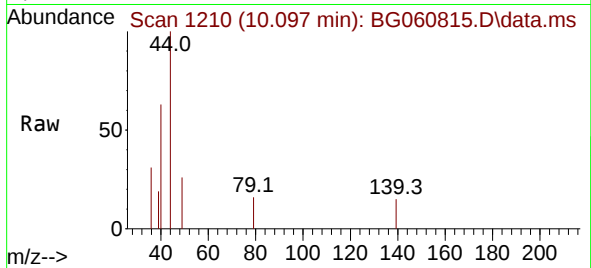
65 0.0 11.3 16.9#



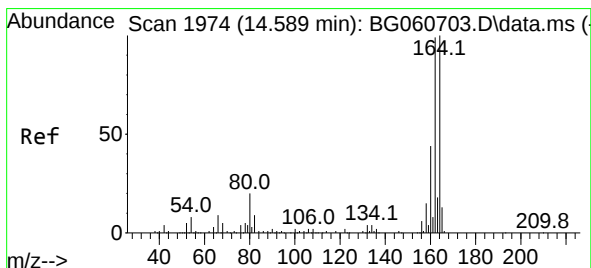
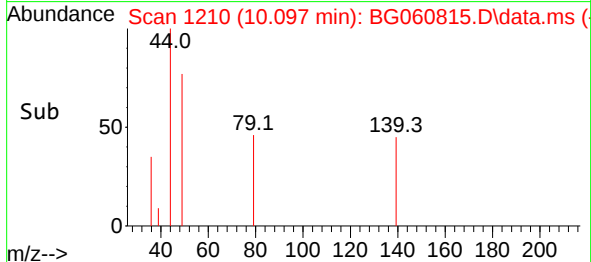
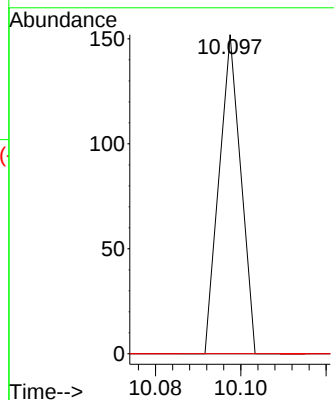


#26
2-Nitrophenol
Concen: 2.994 ng
RT: 10.097 min Scan# 1170
Delta R.T. 0.232 min
Lab File: BG060815.D
Acq: 6 Apr 2024 17:34

Instrument :
BNA_G
ClientSampleId :

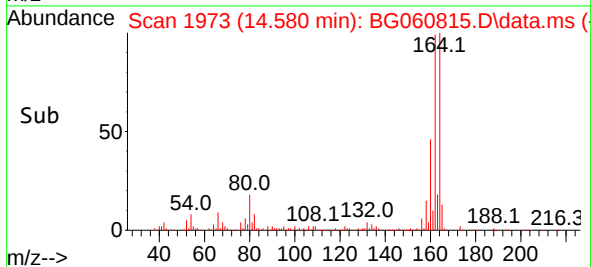
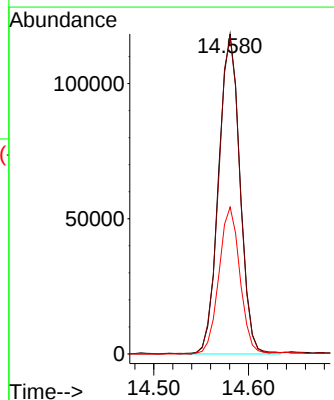
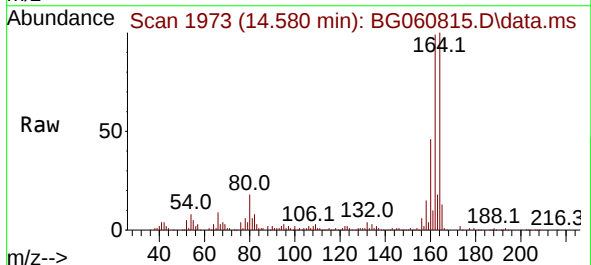


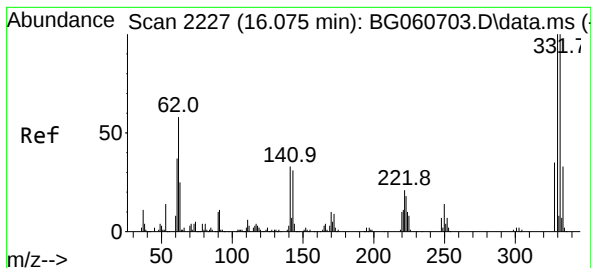
Tgt Ion:139 Resp: 54
Ion Ratio Lower Upper
139 100
109 0.0 23.9 35.9#
65 0.0 44.5 66.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.580 min Scan# 1973
Delta R.T. -0.009 min
Lab File: BG060815.D
Acq: 6 Apr 2024 17:34

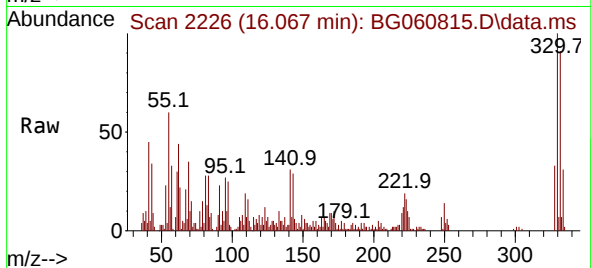
Tgt Ion:164 Resp: 184950
Ion Ratio Lower Upper
164 100
162 99.1 79.5 119.3
160 45.9 35.4 53.0



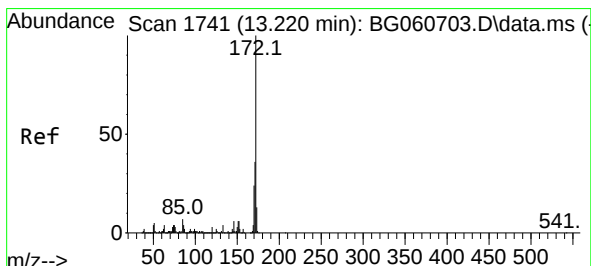
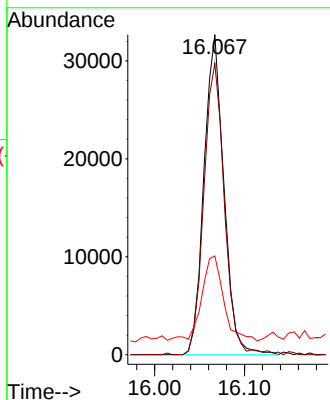
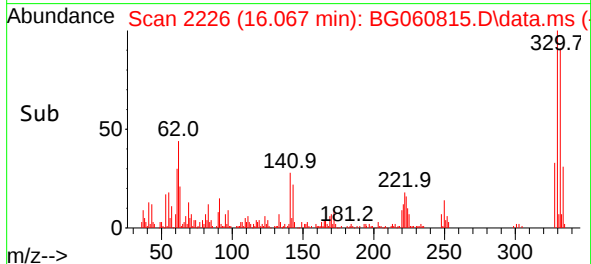


#42
2,4,6-Tribromophenol
Concen: 23.972 ng
RT: 16.067 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG060815.D
Acq: 6 Apr 2024 17:34

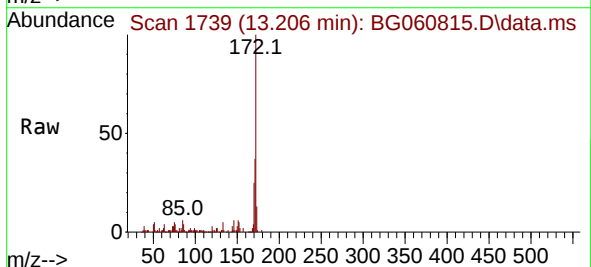
Instrument :
BNA_G
ClientSampleId :



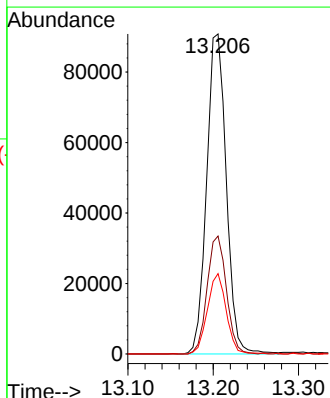
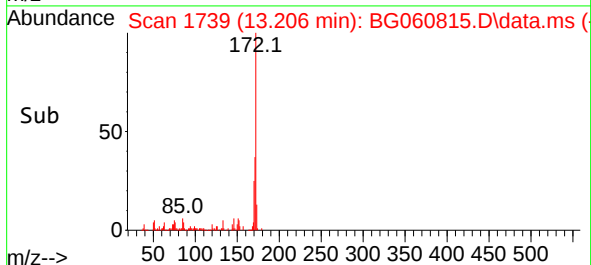
Tgt Ion:330 Resp: 50329
Ion Ratio Lower Upper
330 100
332 93.8 78.2 117.4
141 28.4 27.0 40.6

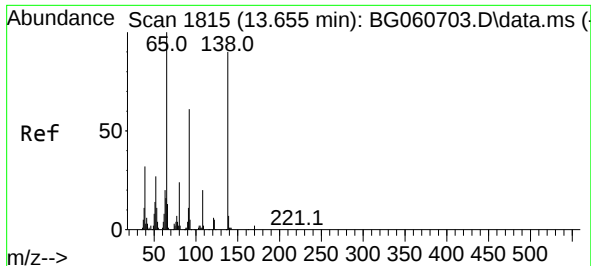


#45
2-Fluorobiphenyl
Concen: 11.527 ng
RT: 13.206 min Scan# 1739
Delta R.T. -0.014 min
Lab File: BG060815.D
Acq: 6 Apr 2024 17:34



Tgt Ion:172 Resp: 145259
Ion Ratio Lower Upper
172 100
171 36.9 28.7 43.1
170 25.1 19.4 29.0

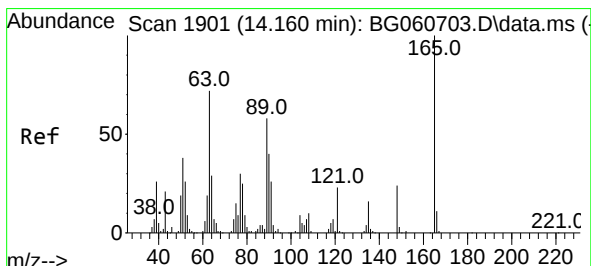
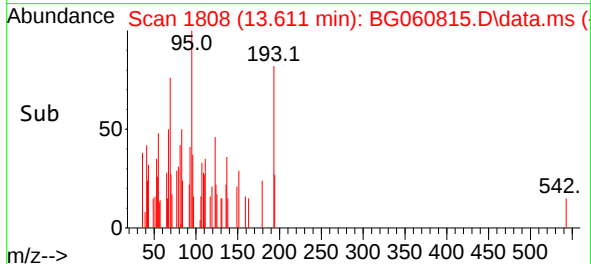
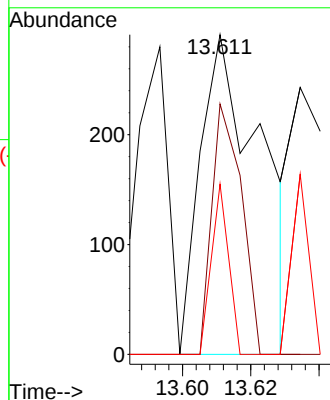
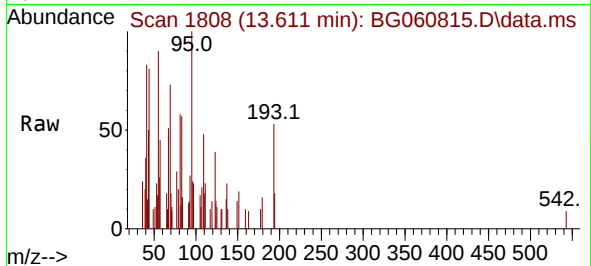




#48
2-Nitroaniline
Concen: 2.910 ng
RT: 13.611 min Scan# 11
Delta R.T. -0.044 min
Lab File: BG060815.D
Acq: 6 Apr 2024 17:34

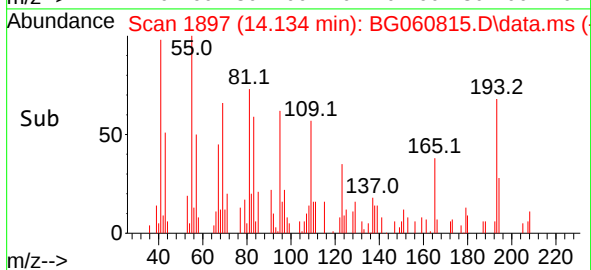
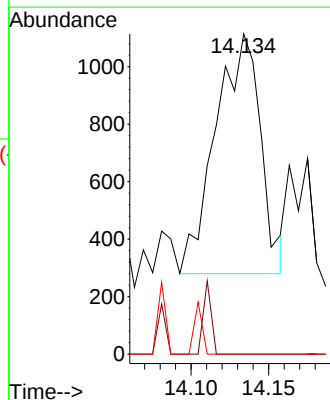
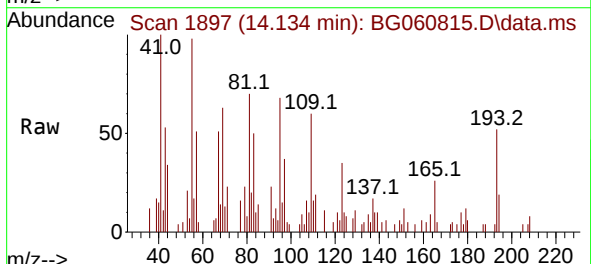
Instrument :
BNA_G
ClientSampleId :

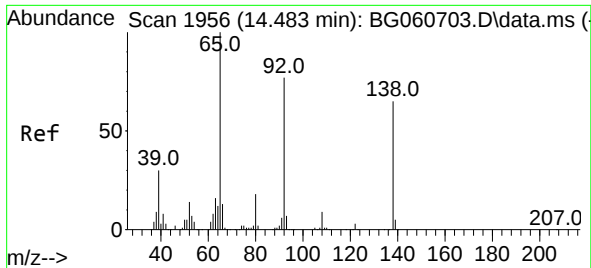
Tgt Ion: 65 Resp: 362
Ion Ratio Lower Upper
65 100
92 78.4 48.6 72.8#
138 53.3 72.2 108.4#



#51
2,6-Dinitrotoluene
Concen: 4.089 ng
RT: 14.134 min Scan# 1897
Delta R.T. -0.026 min
Lab File: BG060815.D
Acq: 6 Apr 2024 17:34

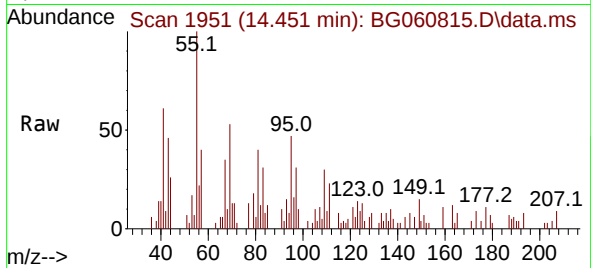
Tgt Ion: 165 Resp: 1680
Ion Ratio Lower Upper
165 100
63 0.0 58.2 87.4#
89 0.0 46.1 69.1#



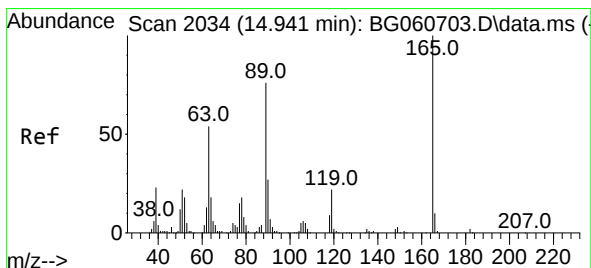
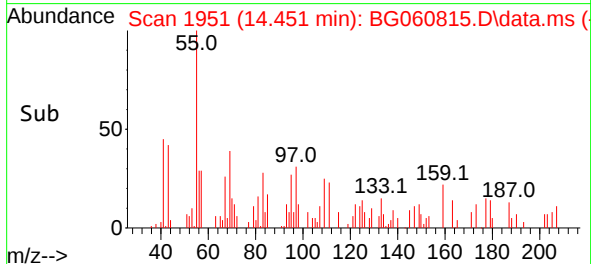
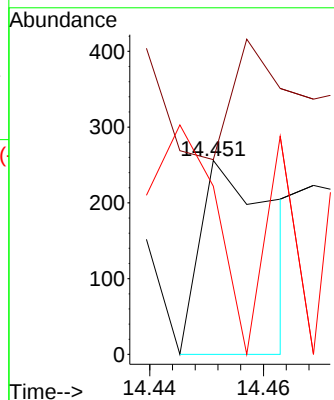


#53
3-Nitroaniline
Concen: 2.927 ng
RT: 14.451 min Scan# 1956
Delta R.T. -0.032 min
Lab File: BG060815.D
Acq: 6 Apr 2024 17:34

Instrument :
BNA_G
ClientSampleId :

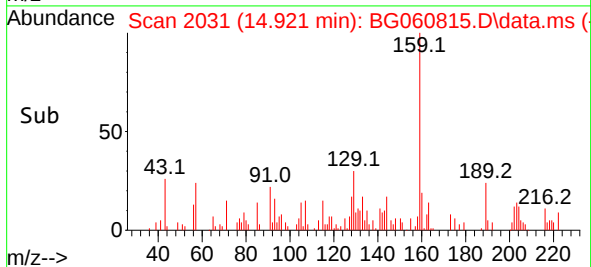
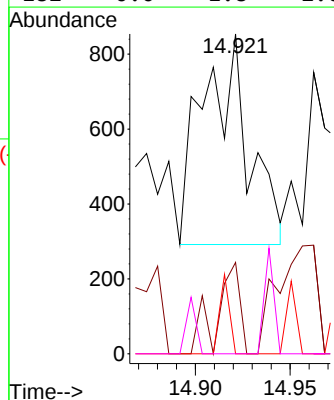
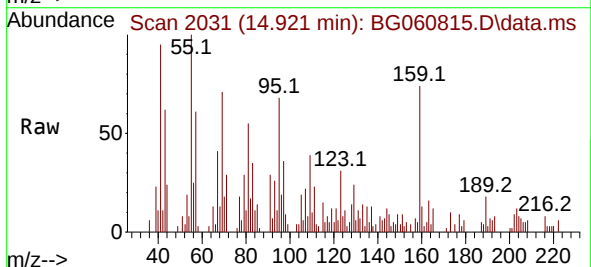


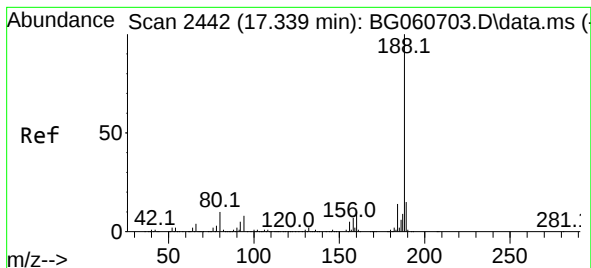
Tgt Ion:138 Resp: 232
Ion Ratio Lower Upper
138 100
108 100.4 11.3 16.9#
92 86.7 94.1 141.1#



#57
2,4-Dinitrotoluene
Concen: 3.516 ng
RT: 14.921 min Scan# 2031
Delta R.T. -0.020 min
Lab File: BG060815.D
Acq: 6 Apr 2024 17:34

Tgt Ion:165 Resp: 952
Ion Ratio Lower Upper
165 100
63 28.6 43.4 65.0#
89 0.0 61.0 91.6#
182 0.0 1.8 2.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.330 min Scan# 2442

Delta R.T. -0.009 min

Lab File: BG060815.D

Acq: 6 Apr 2024 17:34

Instrument :

BNA_G

ClientSampleId :

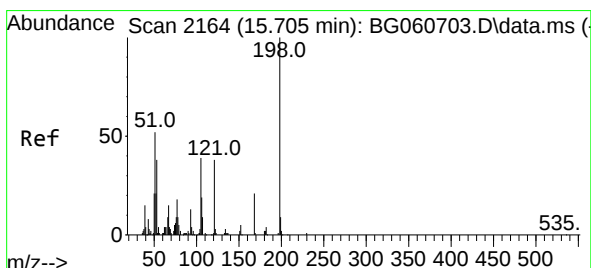
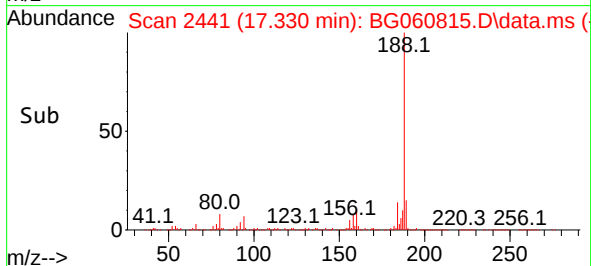
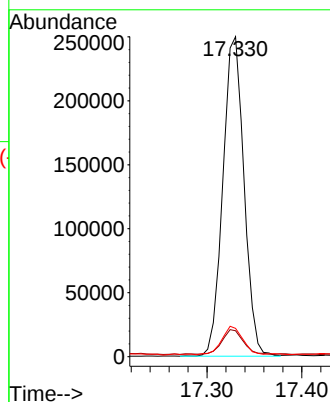
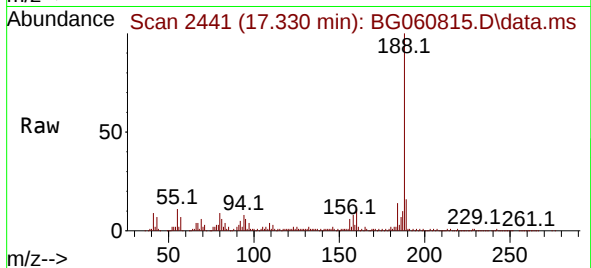
Tgt Ion:188 Resp: 387190

Ion Ratio Lower Upper

188 100

94 8.1 6.6 9.8

80 8.9 7.6 11.4



#65

4,6-Dinitro-2-methylphenol

Concen: 7.333 ng

RT: 15.673 min Scan# 2159

Delta R.T. -0.032 min

Lab File: BG060815.D

Acq: 6 Apr 2024 17:34

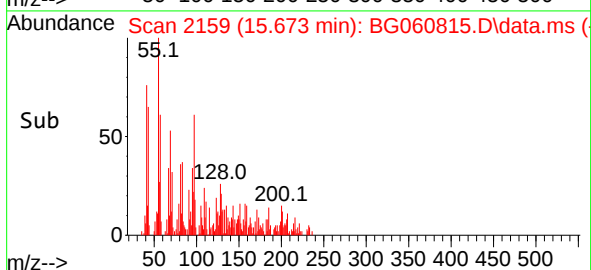
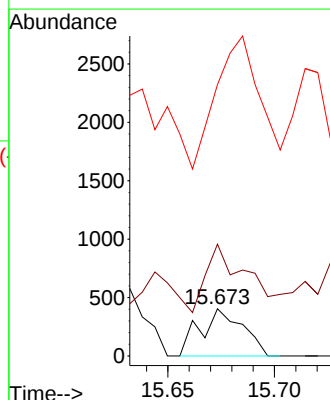
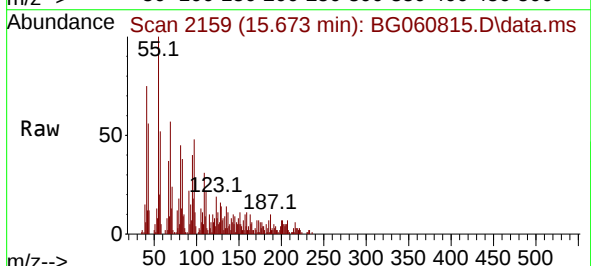
Tgt Ion:198 Resp: 560

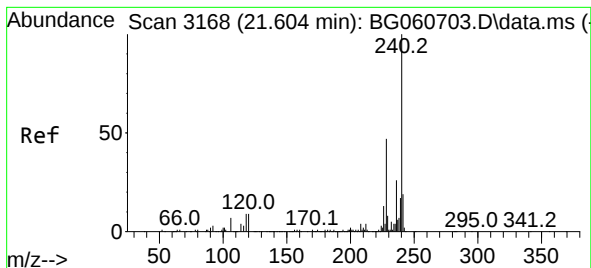
Ion Ratio Lower Upper

198 100

51 237.1 36.7 76.7#

105 575.0 19.1 59.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.590 min Scan# 31

Delta R.T. -0.014 min

Lab File: BG060815.D

Acq: 6 Apr 2024 17:34

Instrument :

BNA_G

ClientSampleId :

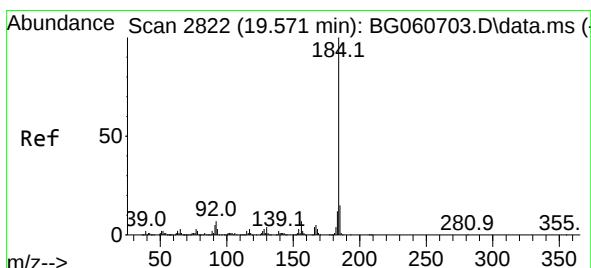
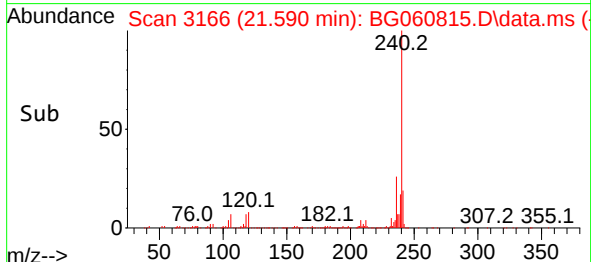
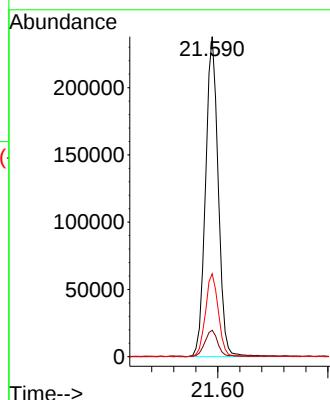
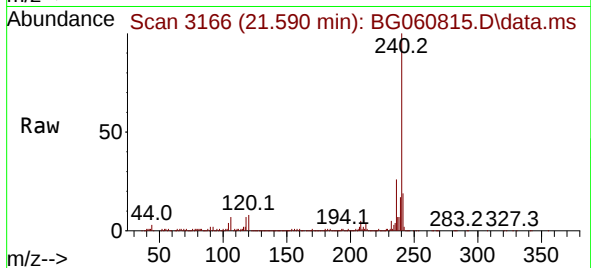
Tgt Ion:240 Resp: 380583

Ion Ratio Lower Upper

240 100

120 8.3 7.1 10.7

236 25.9 20.7 31.1



#77

Benzidine

Concen: 20.889 ng

RT: 19.322 min Scan# 2780

Delta R.T. -0.249 min

Lab File: BG060815.D

Acq: 6 Apr 2024 17:34

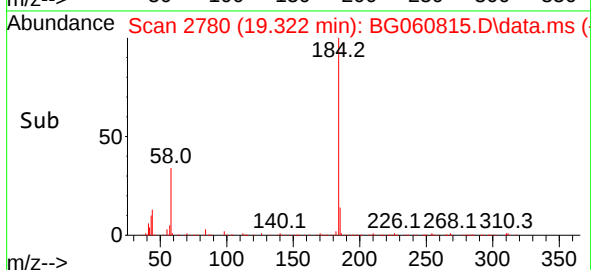
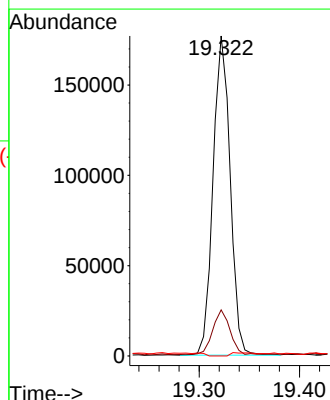
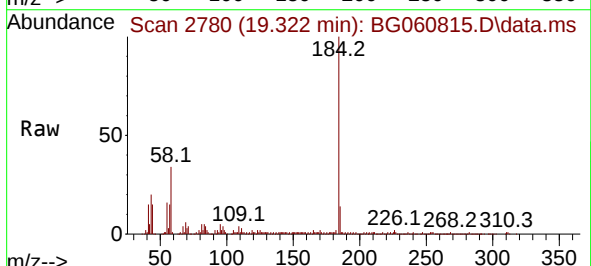
Tgt Ion:184 Resp: 209336

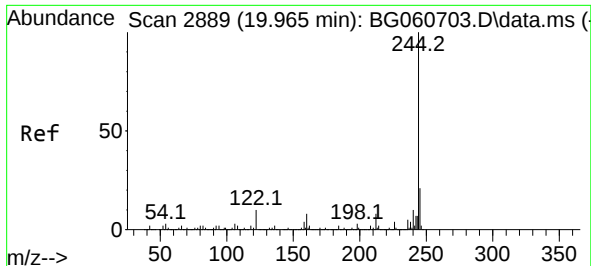
Ion Ratio Lower Upper

184 100

185 14.4 11.8 17.6

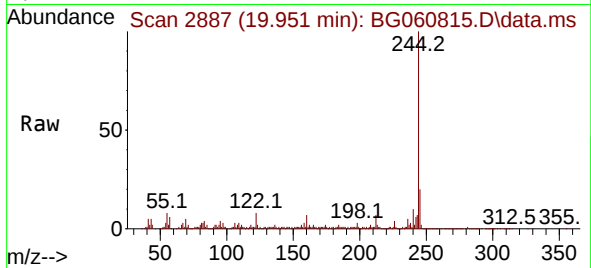
183 0.0 9.5 14.3#



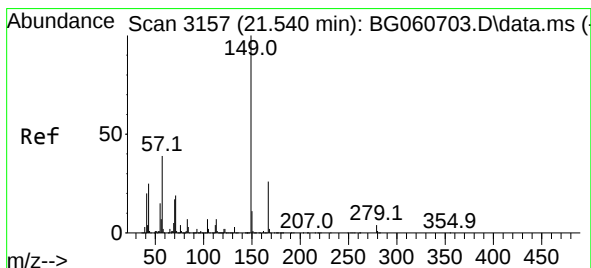
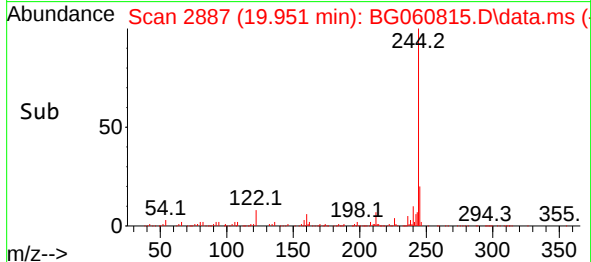
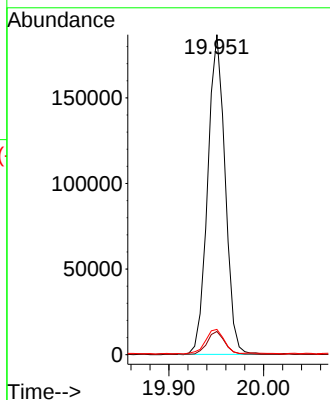


#79
Terphenyl-d14
Concen: 11.002 ng
RT: 19.951 min Scan# 21
Delta R.T. -0.014 min
Lab File: BG060815.D
Acq: 6 Apr 2024 17:34

Instrument :
BNA_G
ClientSampleId :

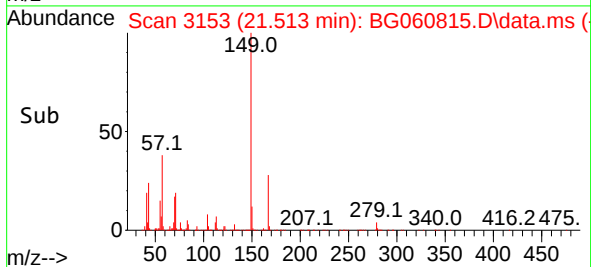
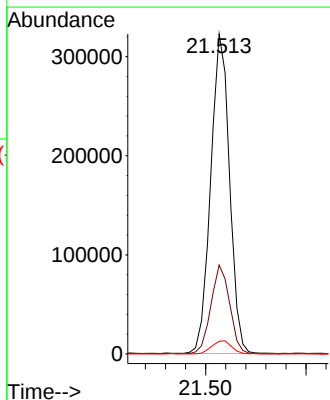
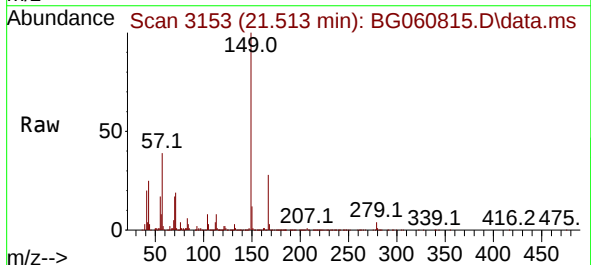


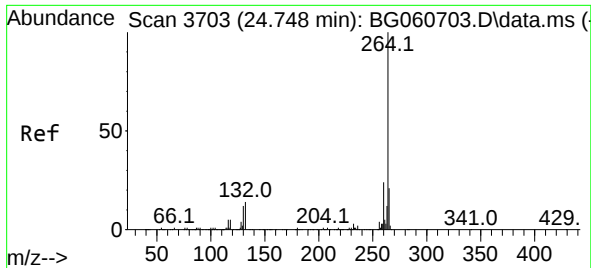
Tgt Ion:244 Resp: 237786
Ion Ratio Lower Upper
244 100
212 7.3 6.2 9.2
122 7.9 7.8 11.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 27.105 ng
RT: 21.513 min Scan# 3153
Delta R.T. -0.026 min
Lab File: BG060815.D
Acq: 6 Apr 2024 17:34

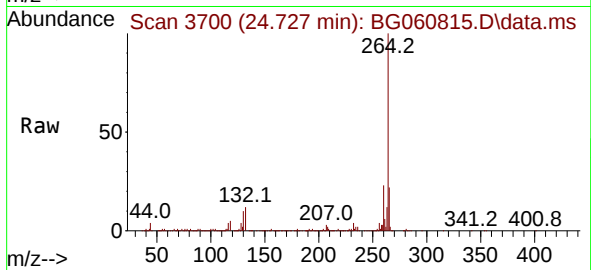
Tgt Ion:149 Resp: 419464
Ion Ratio Lower Upper
149 100
167 27.8 20.6 30.8
279 4.0 3.0 4.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.727 min Scan# 31
 Delta R.T. -0.020 min
 Lab File: BG060815.D
 Acq: 6 Apr 2024 17:34

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:264 Resp: 457262

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	21.8	16.9	25.3

