

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040824\
 Data File : BG060821.D
 Acq On : 8 Apr 2024 11:48
 Operator : MA/JU
 Sample : PB160005BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160005BL

Quant Time: Apr 08 12:35:17 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)

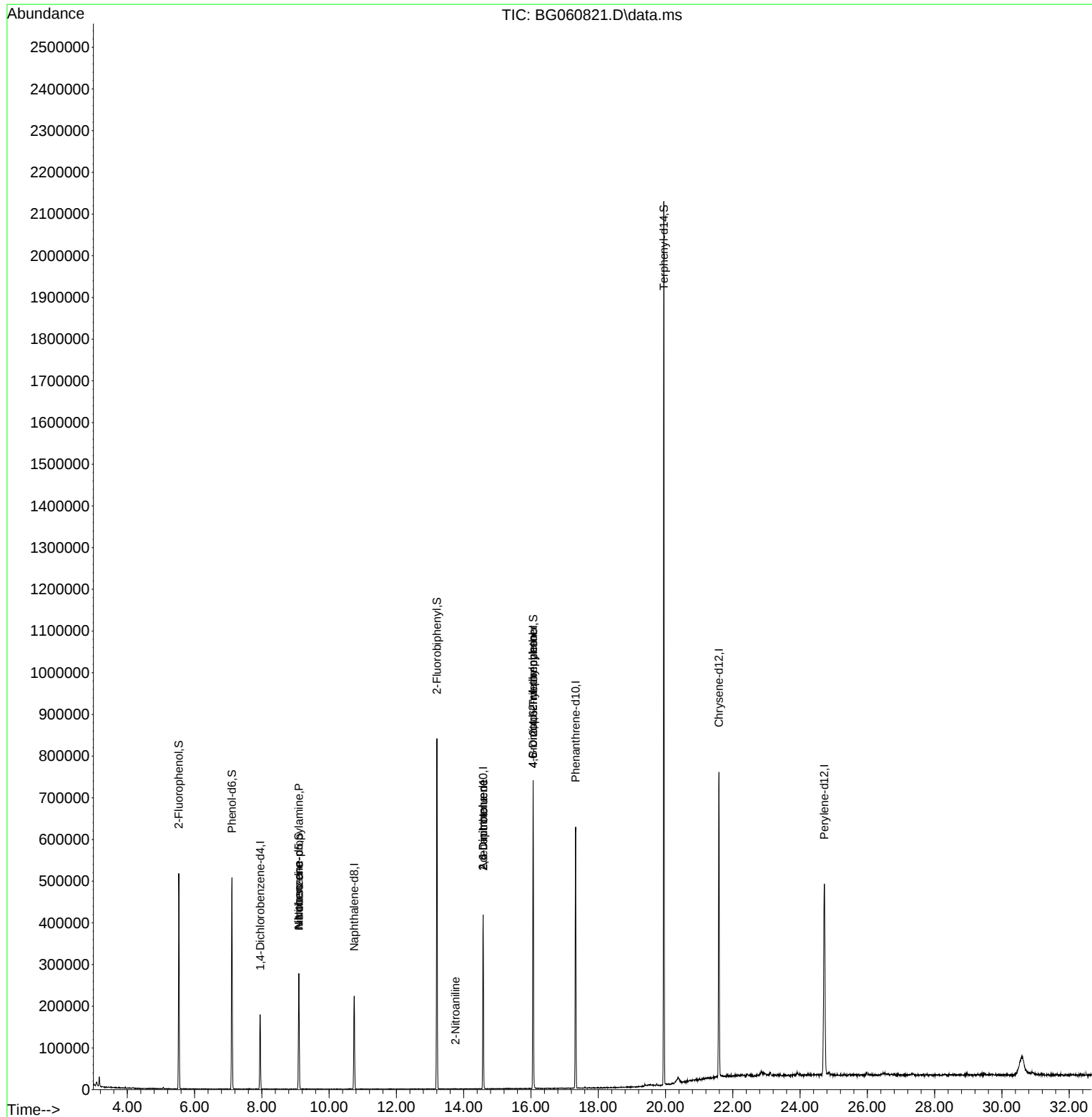
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	47477	20.000	ng	0.00
21) Naphthalene-d8	10.749	136	181234	20.000	ng	0.00
39) Acenaphthene-d10	14.579	164	144538	20.000	ng	0.00
64) Phenanthrene-d10	17.329	188	400212	20.000	ng	0.00
76) Chrysene-d12	21.589	240	433492	20.000	ng	-0.02
86) Perylene-d12	24.721	264	515077	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.531	112	188289	66.067	ng	0.00
7) Phenol-d6	7.112	99	251110	59.358	ng	0.00
23) Nitrobenzene-d5	9.098	82	149513	47.074	ng	-0.02
42) 2,4,6-Tribromophenol	16.066	330	142026	86.562	ng	0.00
45) 2-Fluorobiphenyl	13.205	172	426338	43.290	ng	-0.02
79) Terphenyl-d14	19.950	244	1087742	44.184	ng	-0.02
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.104	70	18988	5.886	ng	# 74
24) Nitrobenzene	9.104	77	480	2.901	ng	# 38
48) 2-Nitroaniline	13.757	65	54	2.813	ng	# 11
51) 2,6-Dinitrotoluene	14.579	165	19071	12.139	ng	# 17
57) 2,4-Dinitrotoluene	14.579	165	19071	10.210	ng	# 18
65) 4,6-Dinitro-2-methylph...	16.060	198	325	7.202	ng	# 1
67) 4-Bromophenyl-phenylether	16.060	248	9169	2.257	ng	# 1

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

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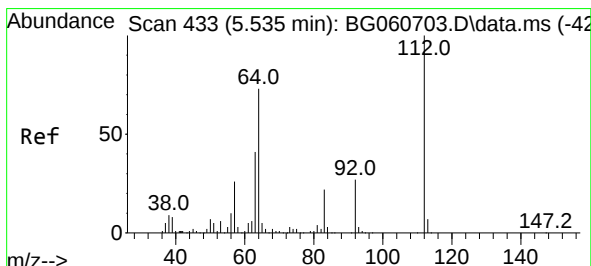
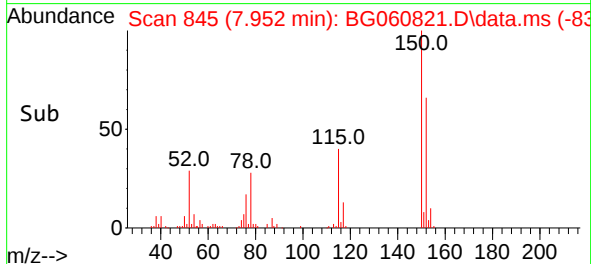
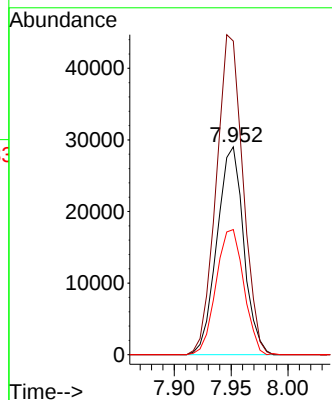
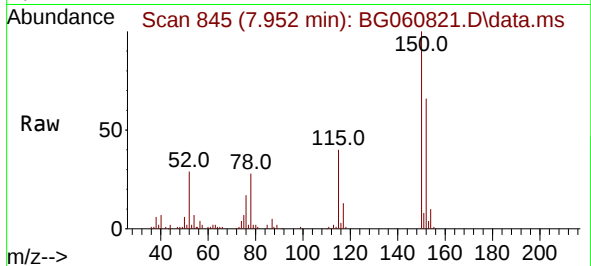




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.952 min Scan# 846
 Delta R.T. -0.009 min
 Lab File: BG060821.D
 Acq: 8 Apr 2024 11:48

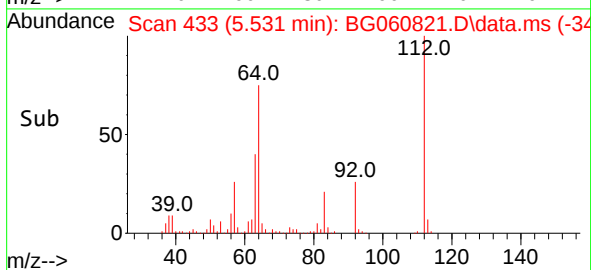
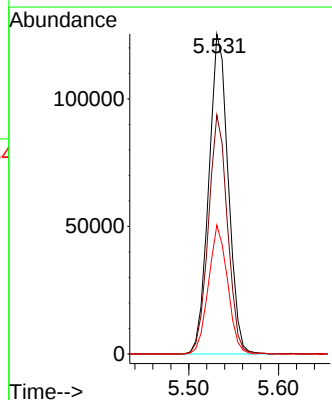
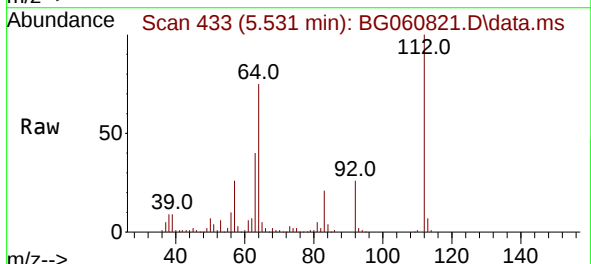
Instrument :
 BNA_G
 ClientSampleId :
 PB160005BL

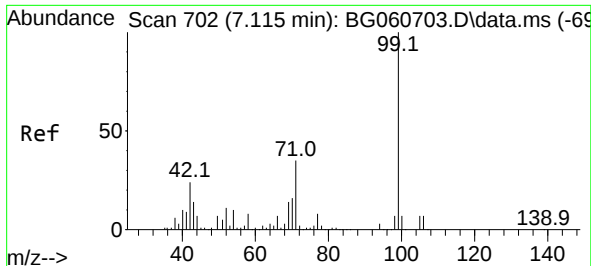
Tgt Ion:152 Resp: 47477
 Ion Ratio Lower Upper
 152 100
 150 150.8 130.2 195.4
 115 60.2 51.6 77.4



#5
 2-Fluorophenol
 Concen: 66.067 ng
 RT: 5.531 min Scan# 433
 Delta R.T. -0.004 min
 Lab File: BG060821.D
 Acq: 8 Apr 2024 11:48

Tgt Ion:112 Resp: 188289
 Ion Ratio Lower Upper
 112 100
 64 74.7 58.4 87.6
 63 40.3 32.7 49.1

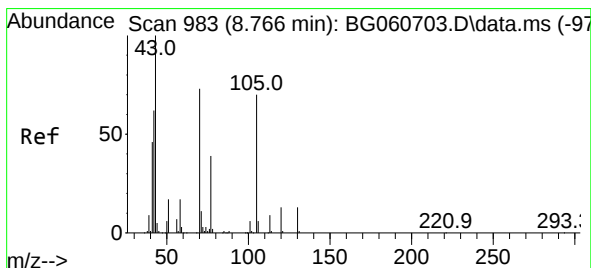
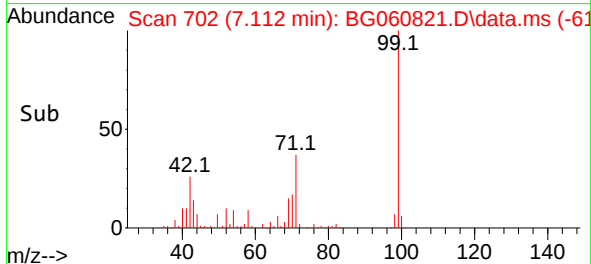
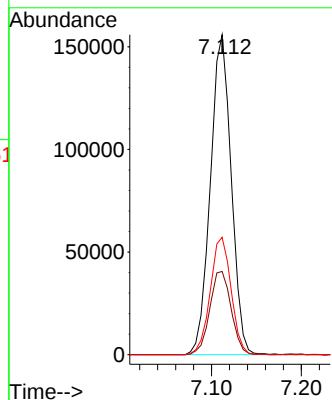
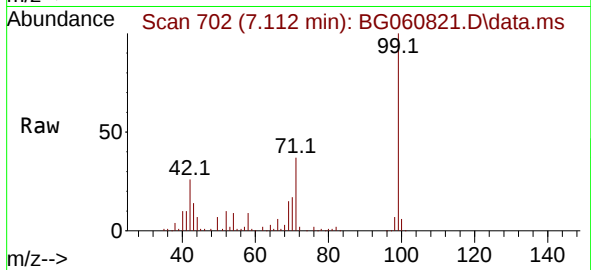




#7
Phenol-d6
Concen: 59.358 ng
RT: 7.112 min Scan# 70
Delta R.T. -0.004 min
Lab File: BG060821.D
Acq: 8 Apr 2024 11:48

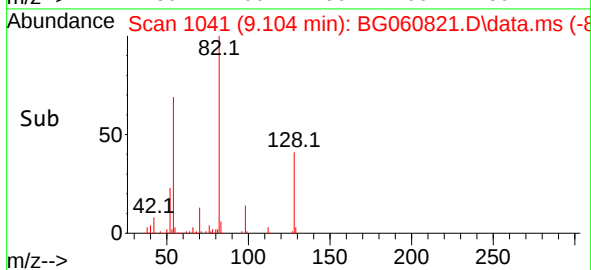
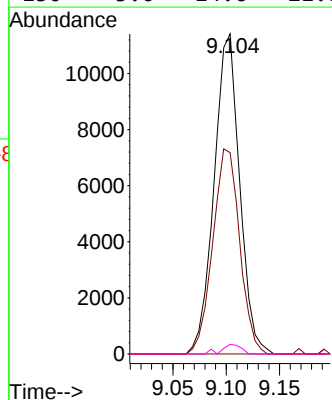
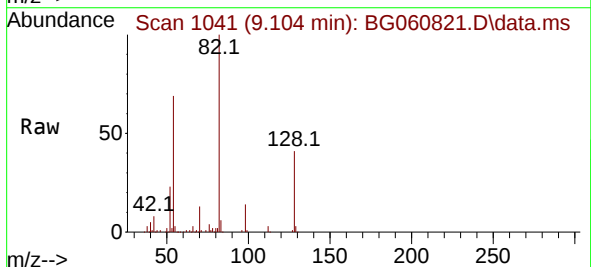
Instrument :
BNA_G
ClientSampleId :
PB160005BL

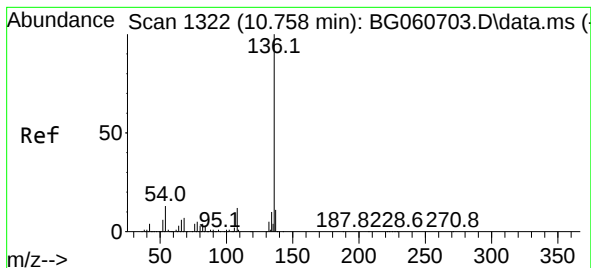
Tgt Ion: 99 Resp: 251110
Ion Ratio Lower Upper
99 100
42 26.0 19.4 29.2
71 36.7 28.2 42.2



#19
n-Nitroso-di-n-propylamine
Concen: 5.886 ng
RT: 9.104 min Scan# 1041
Delta R.T. 0.338 min
Lab File: BG060821.D
Acq: 8 Apr 2024 11:48

Tgt Ion: 70 Resp: 18988
Ion Ratio Lower Upper
70 100
42 62.9 68.4 102.6#
101 0.0 6.1 9.1#
130 3.0 14.6 21.8#

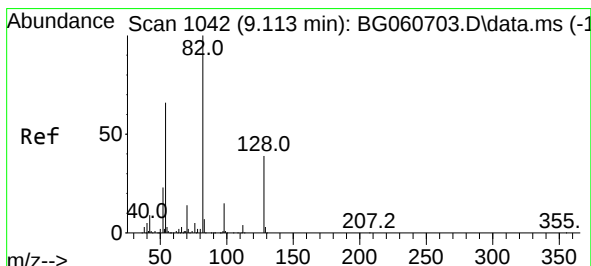
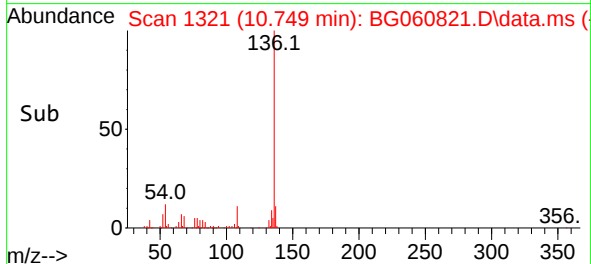
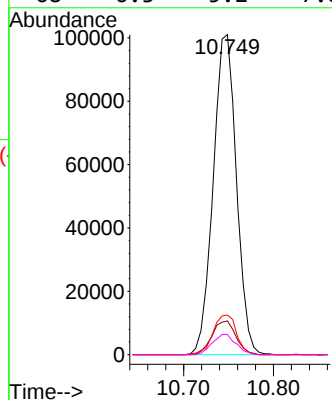
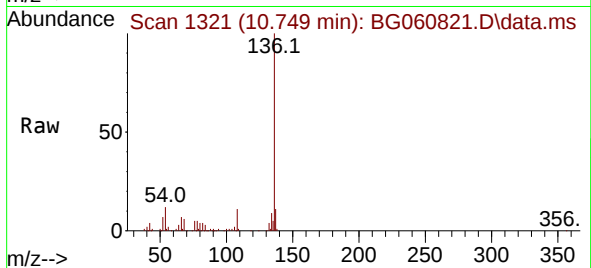




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.749 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG060821.D
Acq: 8 Apr 2024 11:48

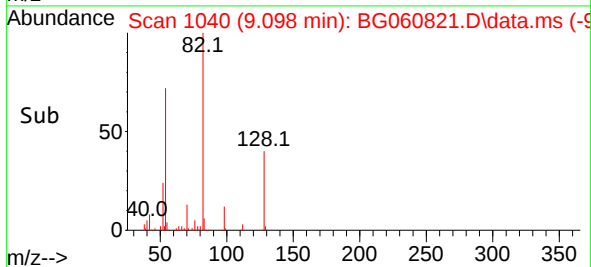
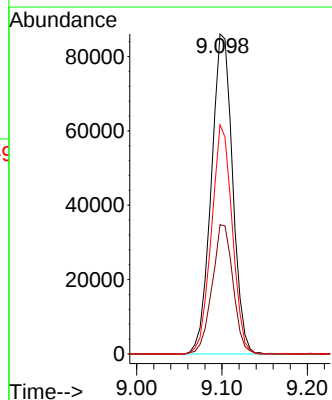
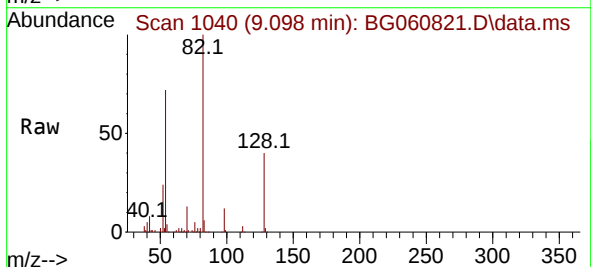
Instrument :
BNA_G
ClientSampleId :
PB160005BL

Tgt Ion:136 Resp: 181234
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 12.4 10.2 15.2
68 6.3 5.2 7.8



#23
Nitrobenzene-d5
Concen: 47.074 ng
RT: 9.098 min Scan# 1040
Delta R.T. -0.015 min
Lab File: BG060821.D
Acq: 8 Apr 2024 11:48

Tgt Ion: 82 Resp: 149513
Ion Ratio Lower Upper
82 100
128 40.4 31.2 46.8
54 71.6 53.2 79.8

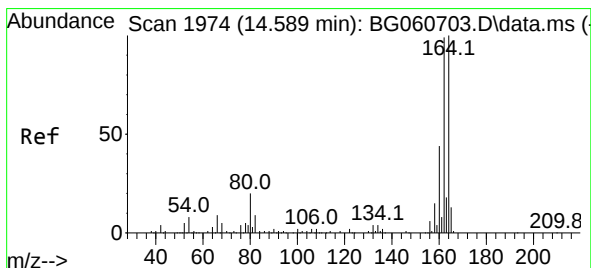
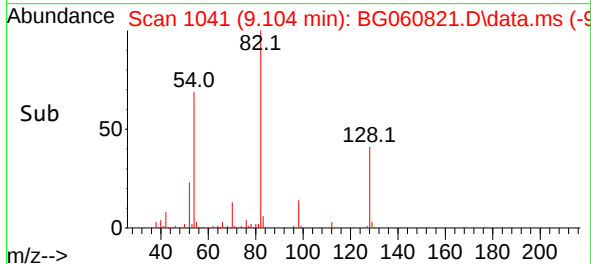
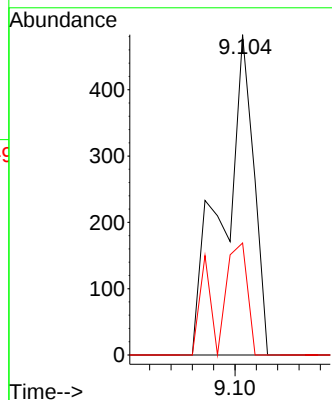
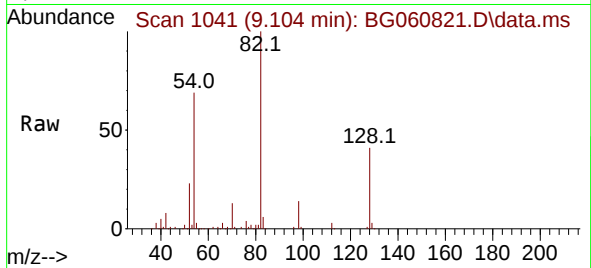




#24
Nitrobenzene
Concen: 2.901 ng
RT: 9.104 min Scan# 1049
Delta R.T. -0.050 min
Lab File: BG060821.D
Acq: 8 Apr 2024 11:48

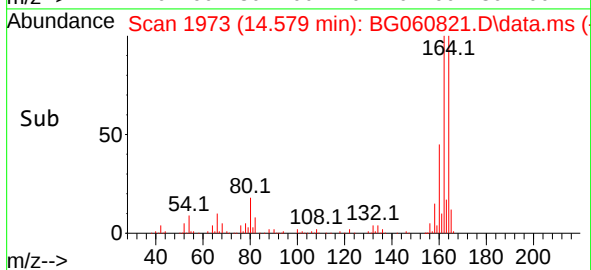
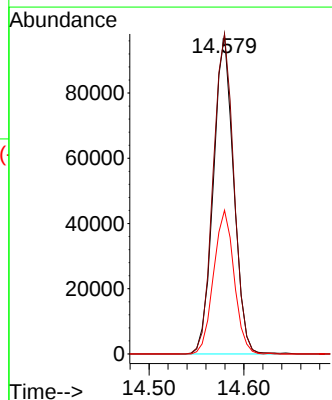
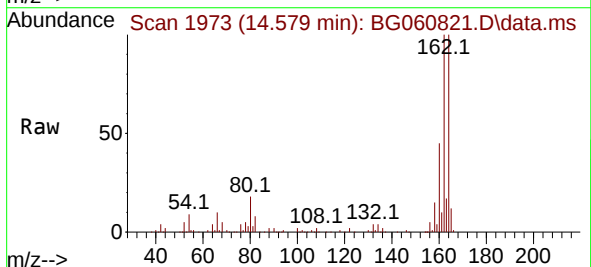
Instrument :
BNA_G
ClientSampleId :
PB160005BL

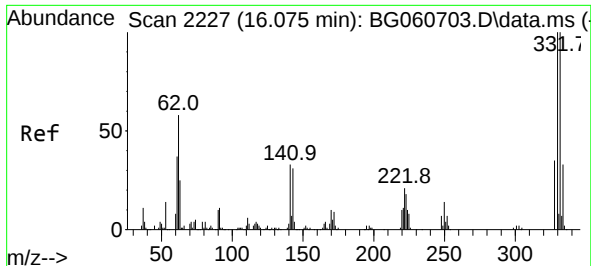
Tgt Ion: 77 Resp: 480
Ion Ratio Lower Upper
77 100
123 0.0 32.7 49.1#
65 35.0 11.3 16.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.579 min Scan# 1973
Delta R.T. -0.010 min
Lab File: BG060821.D
Acq: 8 Apr 2024 11:48

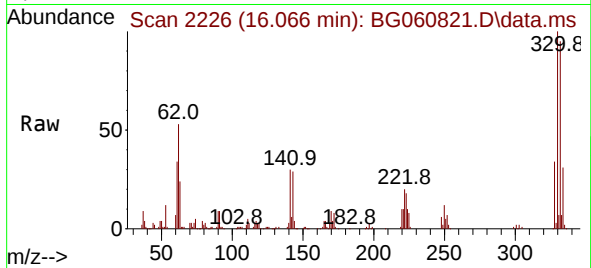
Tgt Ion: 164 Resp: 144538
Ion Ratio Lower Upper
164 100
162 100.3 79.5 119.3
160 45.0 35.4 53.0



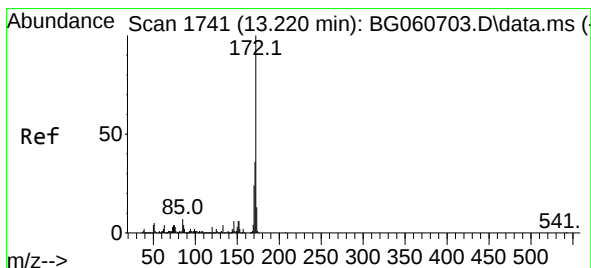
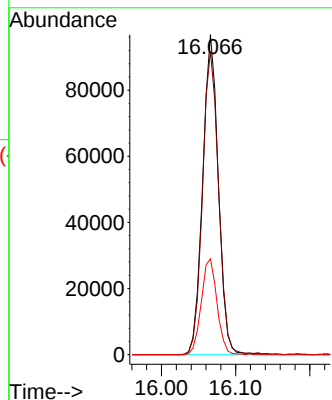
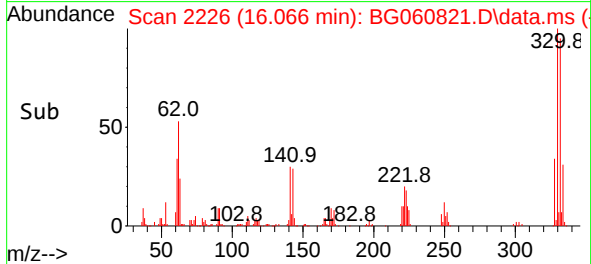


#42
2,4,6-Tribromophenol
Concen: 86.562 ng
RT: 16.066 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG060821.D
Acq: 8 Apr 2024 11:48

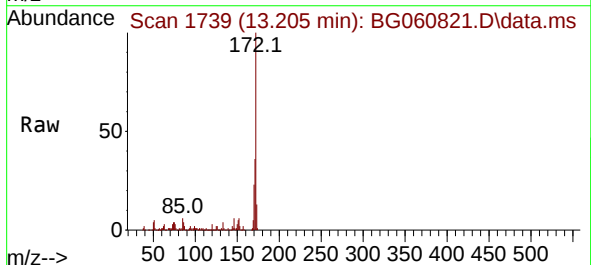
Instrument :
BNA_G
ClientSampleId :
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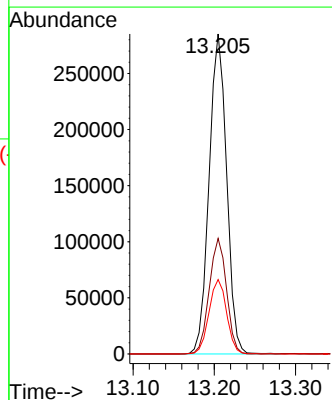
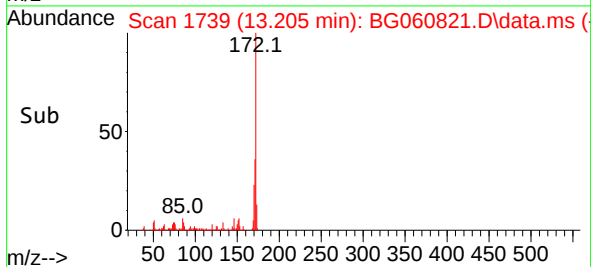
Tgt Ion:330 Resp: 142026
Ion Ratio Lower Upper
330 100
332 97.3 78.2 117.4
141 30.0 27.0 40.6

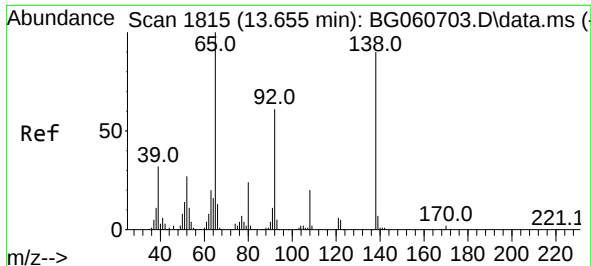


#45
2-Fluorobiphenyl
Concen: 43.290 ng
RT: 13.205 min Scan# 1739
Delta R.T. -0.015 min
Lab File: BG060821.D
Acq: 8 Apr 2024 11:48



Tgt Ion:172 Resp: 426338
Ion Ratio Lower Upper
172 100
171 36.1 28.7 43.1
170 23.2 19.4 29.0

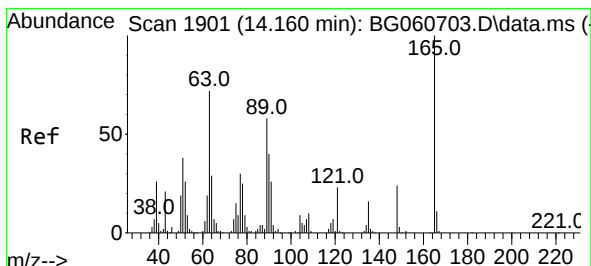
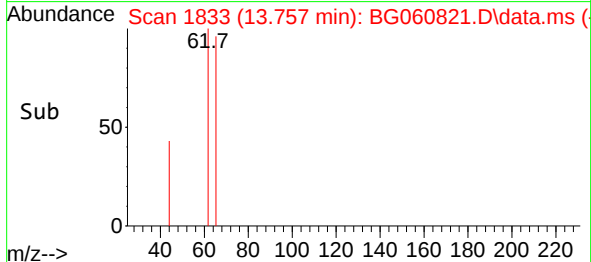
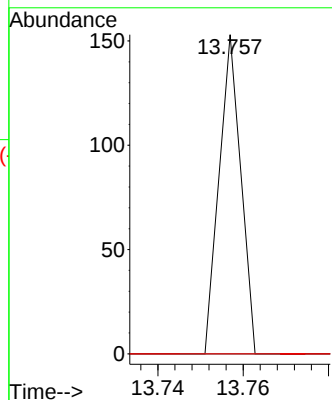
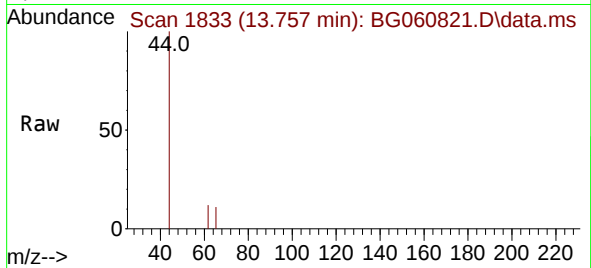




#48
2-Nitroaniline
Concen: 2.813 ng
RT: 13.757 min Scan# 1815
Delta R.T. 0.102 min
Lab File: BG060821.D
Acq: 8 Apr 2024 11:48

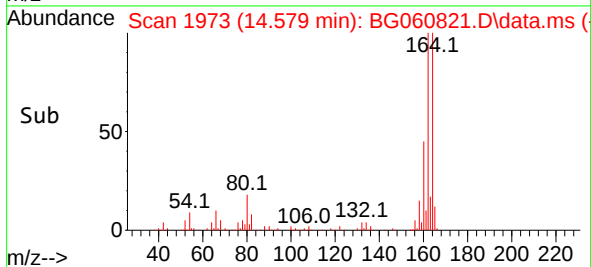
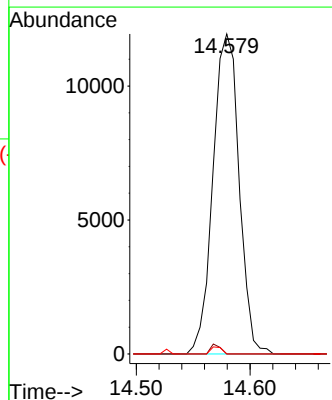
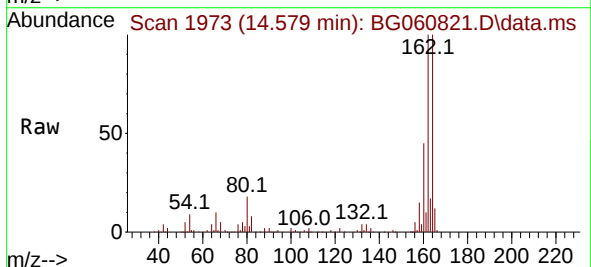
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BNA_G
ClientSampleId :
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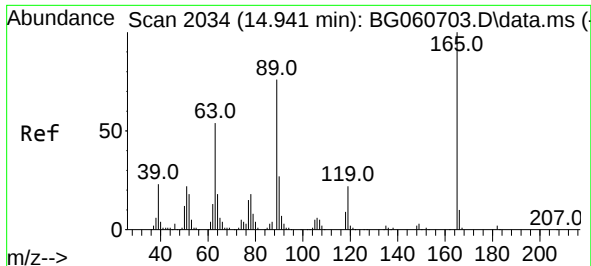
Tgt Ion: 65 Resp: 54
Ion Ratio Lower Upper
65 100
92 0.0 48.6 72.8#
138 0.0 72.2 108.4#



#51
2,6-Dinitrotoluene
Concen: 12.139 ng
RT: 14.579 min Scan# 1973
Delta R.T. 0.419 min
Lab File: BG060821.D
Acq: 8 Apr 2024 11:48

Tgt Ion:165 Resp: 19071
Ion Ratio Lower Upper
165 100
63 0.0 58.2 87.4#
89 0.0 46.1 69.1#





#57

2,4-Dinitrotoluene

Concen: 10.210 ng

RT: 14.579 min Scan# 14

Delta R.T. -0.362 min

Lab File: BG060821.D

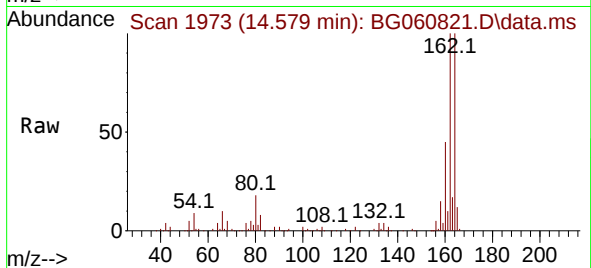
Acq: 8 Apr 2024 11:48

Instrument :

BNA_G

ClientSampleId :

PB160005BL



Tgt Ion:165 Resp: 19071

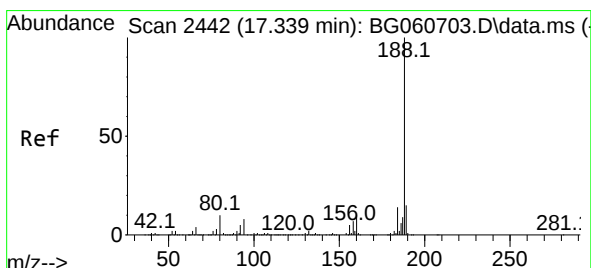
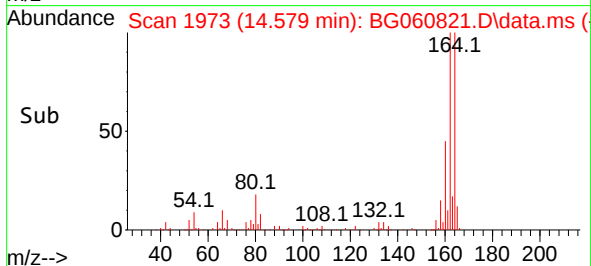
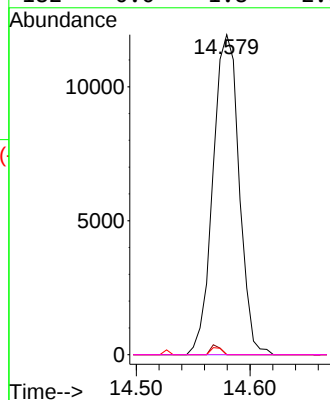
Ion Ratio Lower Upper

165 100

63 0.0 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: 17.329 min Scan# 2441

Delta R.T. -0.009 min

Lab File: BG060821.D

Acq: 8 Apr 2024 11:48

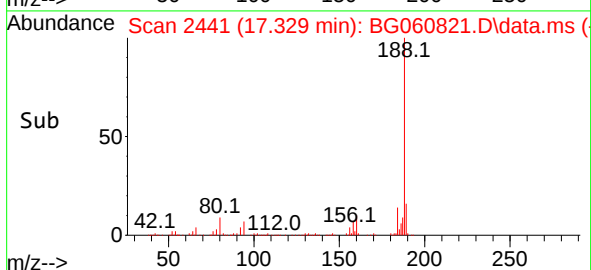
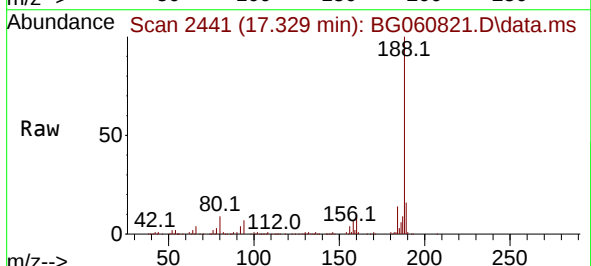
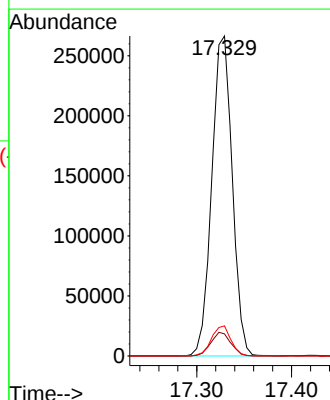
Tgt Ion:188 Resp: 400212

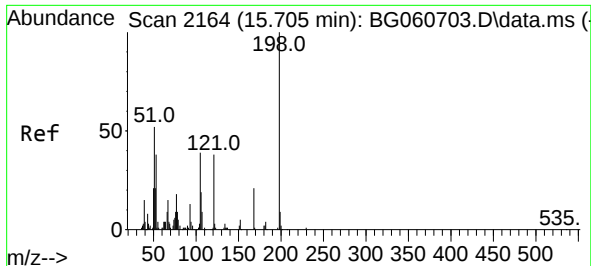
Ion Ratio Lower Upper

188 100

94 6.9 6.6 9.8

80 9.4 7.6 11.4

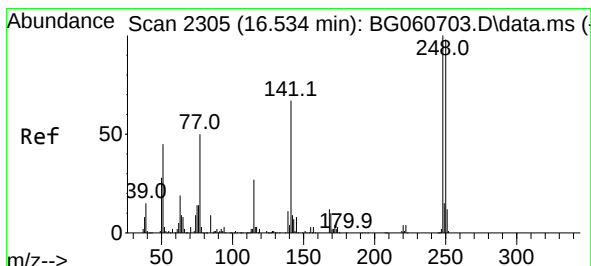
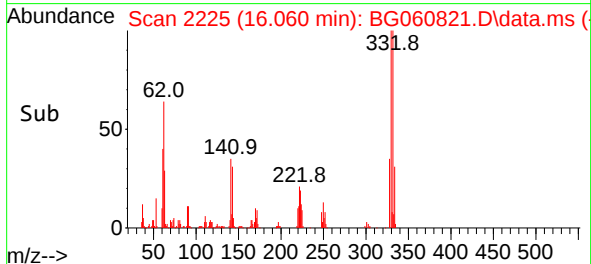
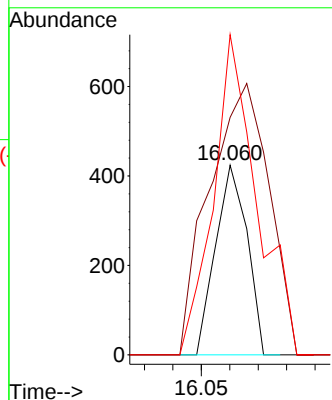
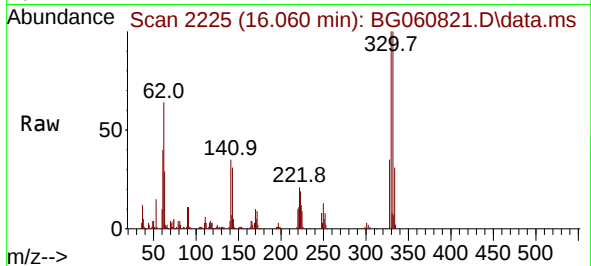




#65
4,6-Dinitro-2-methylphenol
Concen: 7.202 ng
RT: 16.060 min Scan# 2164
Delta R.T. 0.355 min
Lab File: BG060821.D
Acq: 8 Apr 2024 11:48

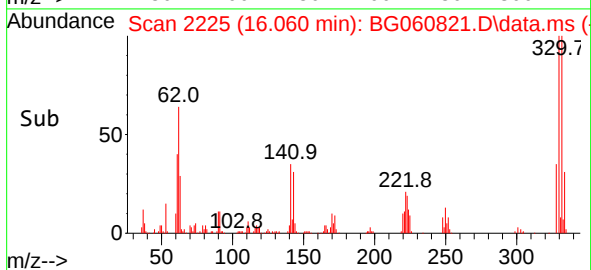
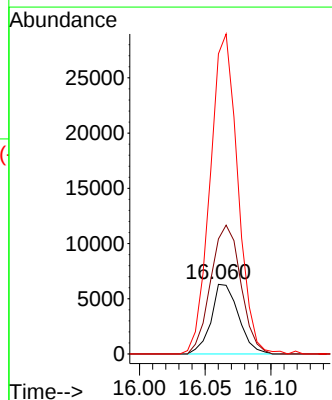
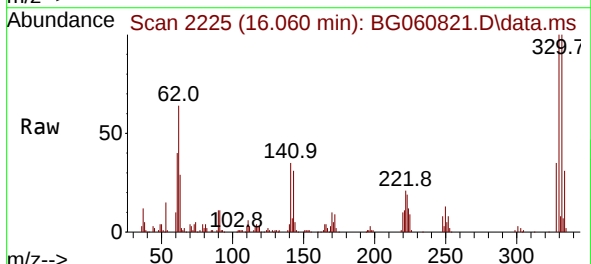
Instrument :
BNA_G
ClientSampleId :
PB160005BL

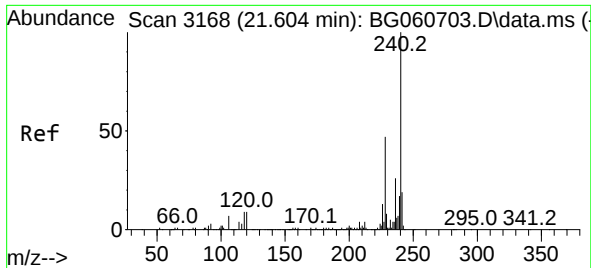
Tgt Ion:198 Resp: 325
Ion Ratio Lower Upper
198 100
51 125.2 36.7 76.7#
105 168.9 19.1 59.1#



#67
4-Bromophenyl-phenylether
Concen: 2.257 ng
RT: 16.060 min Scan# 2225
Delta R.T. -0.474 min
Lab File: BG060821.D
Acq: 8 Apr 2024 11:48

Tgt Ion:248 Resp: 9169
Ion Ratio Lower Upper
248 100
250 165.3 78.3 117.5#
141 431.2 53.7 80.5#

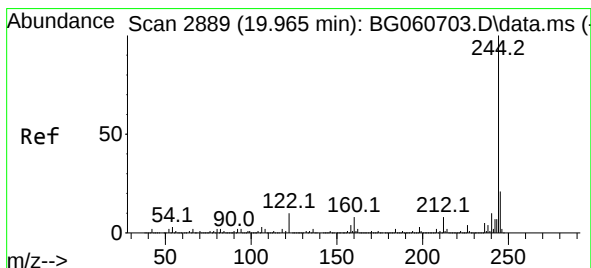
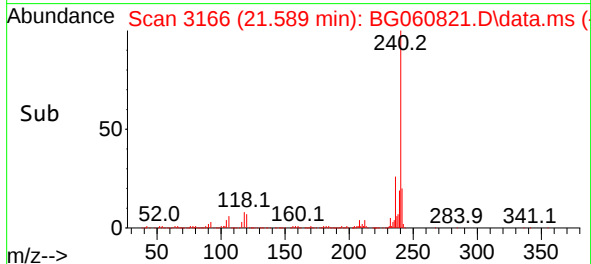
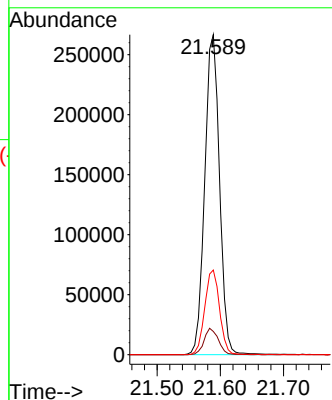
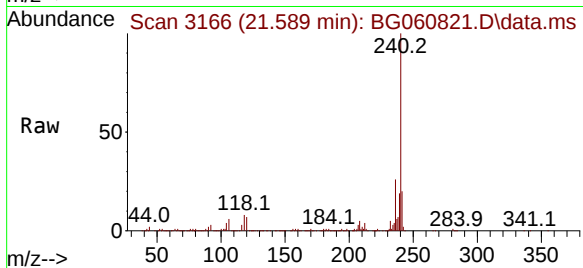




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.589 min Scan# 3166
Delta R.T. -0.015 min
Lab File: BG060821.D
Acq: 8 Apr 2024 11:48

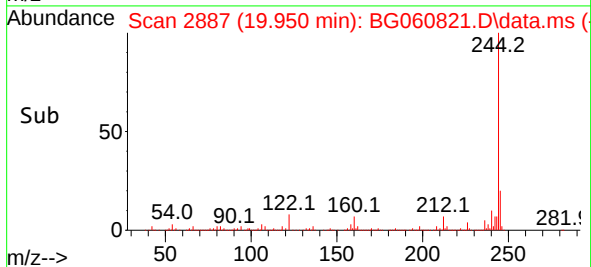
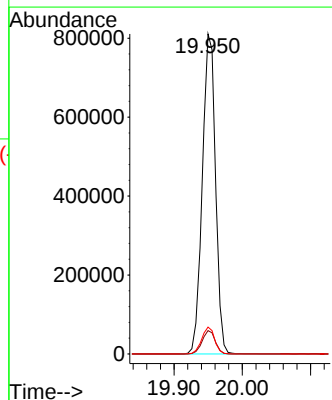
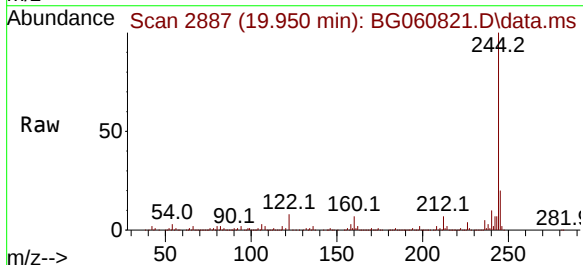
Instrument :
BNA_G
ClientSampleId :
PB160005BL

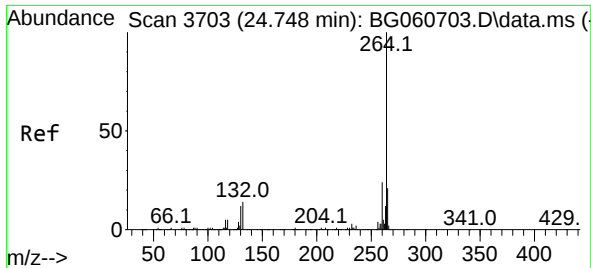
Tgt Ion:240 Resp: 433492
Ion Ratio Lower Upper
240 100
120 7.2 7.1 10.7
236 26.4 20.7 31.1



#79
Terphenyl-d14
Concen: 44.184 ng
RT: 19.950 min Scan# 2887
Delta R.T. -0.015 min
Lab File: BG060821.D
Acq: 8 Apr 2024 11:48

Tgt Ion:244 Resp: 1087742
Ion Ratio Lower Upper
244 100
212 7.3 6.2 9.2
122 8.4 7.8 11.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.721 min Scan# 30
 Delta R.T. -0.027 min
 Lab File: BG060821.D
 Acq: 8 Apr 2024 11:48

Instrument :
 BNA_G
 ClientSampleId :
 PB160005BL

Tgt Ion:264 Resp: 515077
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.5 29.3
 265 21.9 16.9 25.3

