

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040824\
 Data File : BG060824.D
 Acq On : 8 Apr 2024 13:49
 Operator : MA/JU
 Sample : PB160037BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160037BL

Quant Time: Apr 08 14:23:46 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)

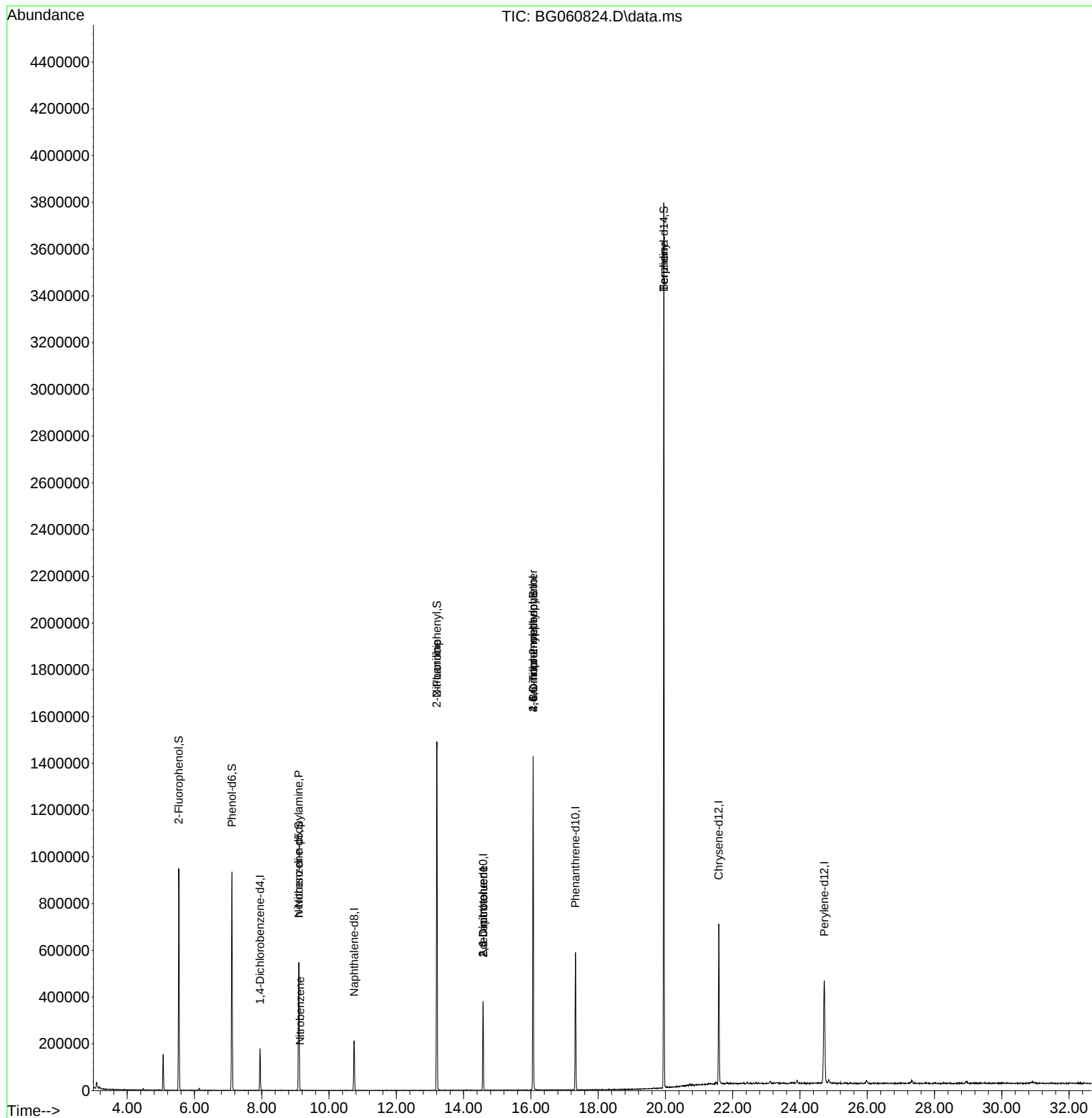
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.948	152	44432	20.000	ng	-0.01
21) Naphthalene-d8	10.744	136	171587	20.000	ng	-0.01
39) Acenaphthene-d10	14.581	164	135889	20.000	ng	0.00
64) Phenanthrene-d10	17.325	188	377003	20.000	ng	-0.01
76) Chrysene-d12	21.585	240	410816	20.000	ng	-0.02
86) Perylene-d12	24.722	264	470833	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.533	112	351048	131.618	ng	0.00
7) Phenol-d6	7.113	99	465541	117.588	ng	0.00
23) Nitrobenzene-d5	9.099	82	297281	98.861	ng	-0.01
42) 2,4,6-Tribromophenol	16.068	330	275548	178.630	ng	0.00
45) 2-Fluorobiphenyl	13.206	172	784826	84.763	ng	-0.01
79) Terphenyl-d14	19.951	244	1907927	81.777	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.099	70	41448	13.728	ng	# 74
24) Nitrobenzene	9.140	77	53	2.788	ng	# 42
48) 2-Nitroaniline	13.200	65	1533	3.475	ng	# 1
51) 2,6-Dinitrotoluene	14.581	165	17781	12.067	ng	# 19
57) 2,4-Dinitrotoluene	14.581	165	17781	10.152	ng	# 20
65) 4,6-Dinitro-2-methylph...	16.068	198	999	7.582	ng	# 1
67) 4-Bromophenyl-phenylether	16.068	248	18311	4.786	ng	# 1
77) Benzidine	19.951	184	30095	2.782	ng	# 90

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

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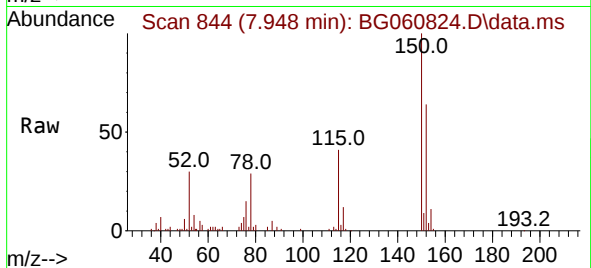
Quant Time: Apr 08 14:23:46 2024
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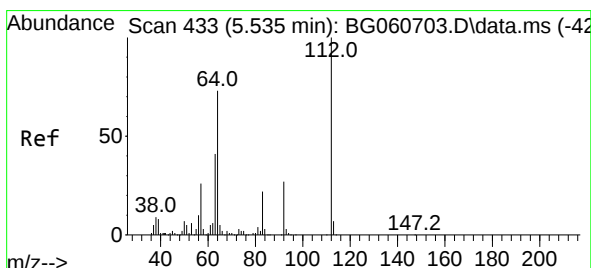
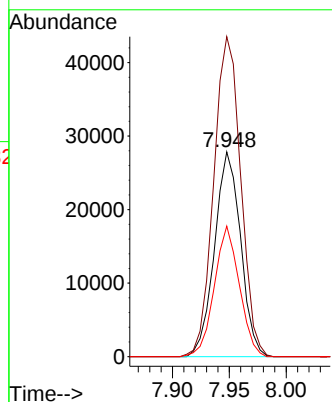
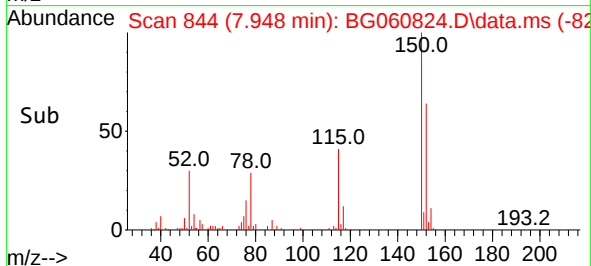


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.948 min Scan# 844
Delta R.T. -0.013 min
Lab File: BG060824.D
Acq: 8 Apr 2024 13:49

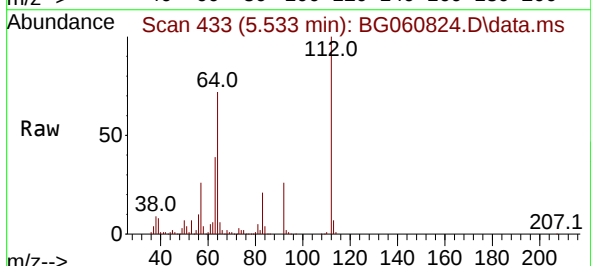
Instrument :
BNA_G
ClientSampleId :
PB160037BL



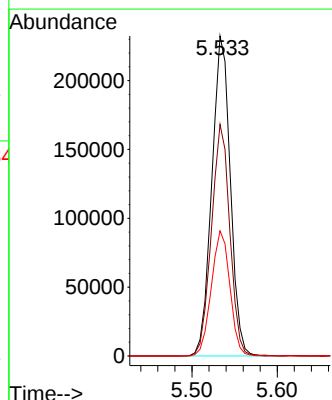
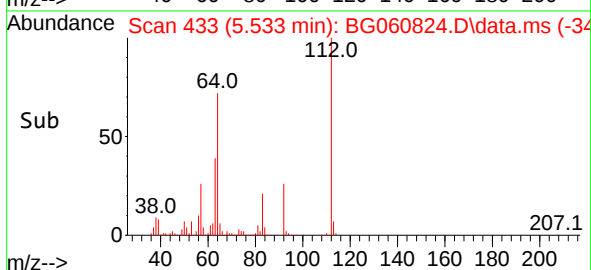
Tgt Ion:152 Resp: 44432
Ion Ratio Lower Upper
152 100
150 156.2 130.2 195.4
115 63.8 51.6 77.4

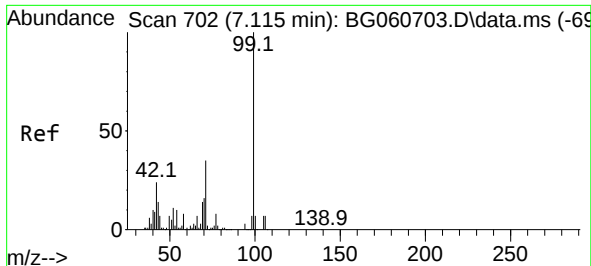


#5
2-Fluorophenol
Concen: 131.618 ng
RT: 5.533 min Scan# 433
Delta R.T. -0.002 min
Lab File: BG060824.D
Acq: 8 Apr 2024 13:49



Tgt Ion:112 Resp: 351048
Ion Ratio Lower Upper
112 100
64 72.3 58.4 87.6
63 39.1 32.7 49.1

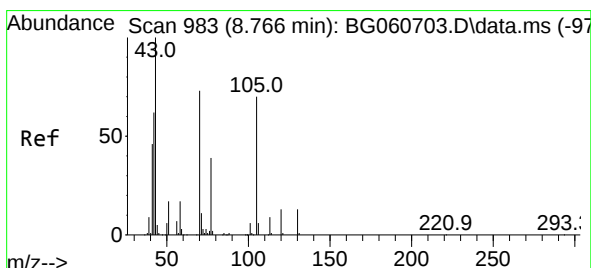
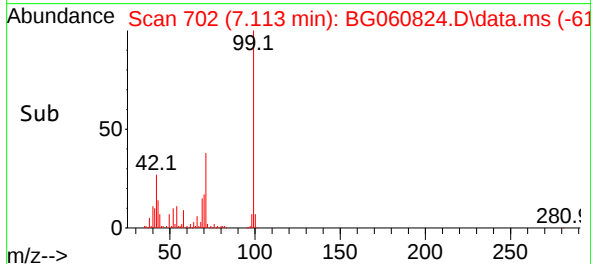
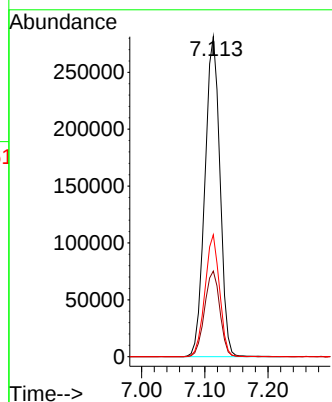
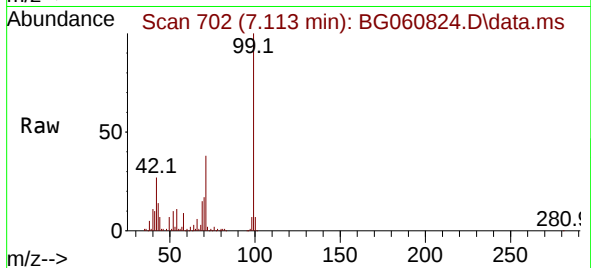




#7
Phenol-d6
Concen: 117.588 ng
RT: 7.113 min Scan# 70
Delta R.T. -0.002 min
Lab File: BG060824.D
Acq: 8 Apr 2024 13:49

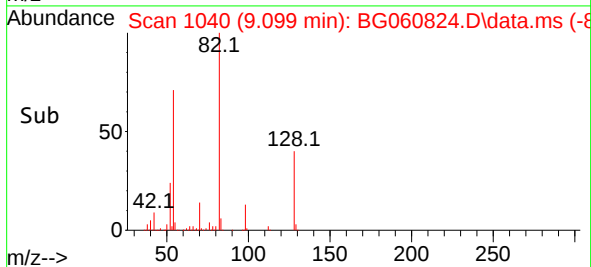
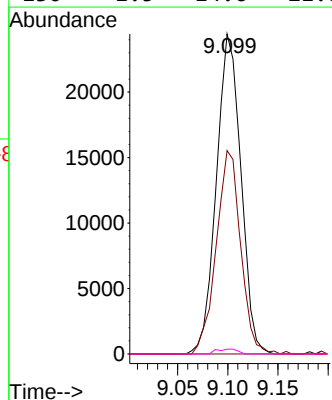
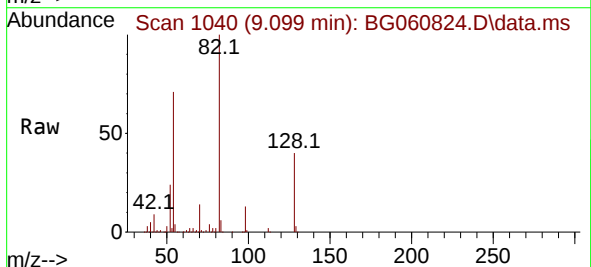
Instrument :
BNA_G
ClientSampleId :
PB160037BL

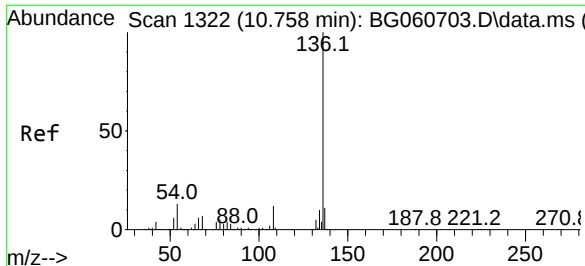
Tgt Ion: 99 Resp: 465541
Ion Ratio Lower Upper
99 100
42 26.8 19.4 29.2
71 38.1 28.2 42.2



#19
n-Nitroso-di-n-propylamine
Concen: 13.728 ng
RT: 9.099 min Scan# 1040
Delta R.T. 0.333 min
Lab File: BG060824.D
Acq: 8 Apr 2024 13:49

Tgt Ion: 70 Resp: 41448
Ion Ratio Lower Upper
70 100
42 63.5 68.4 102.6#
101 0.0 6.1 9.1#
130 1.5 14.6 21.8#

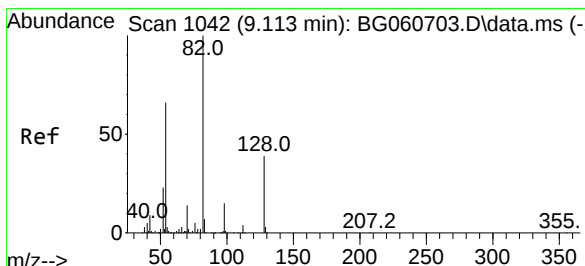
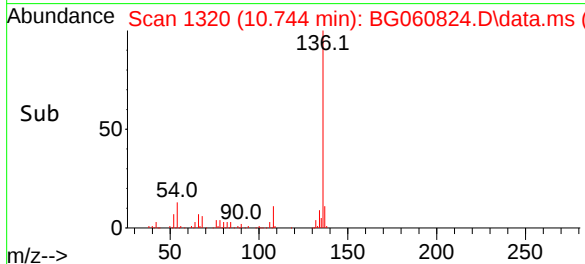
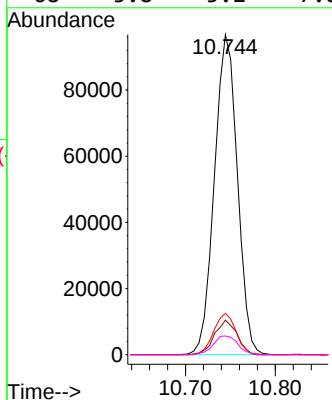
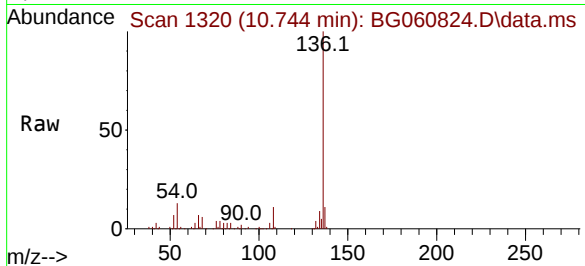




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.744 min Scan# 11
Delta R.T. -0.014 min
Lab File: BG060824.D
Acq: 8 Apr 2024 13:49

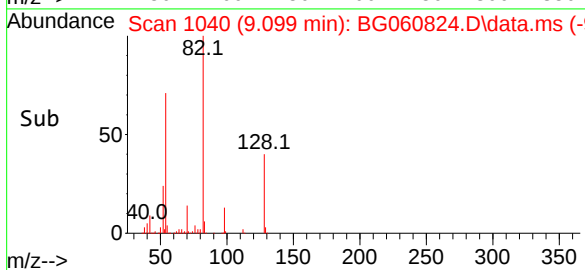
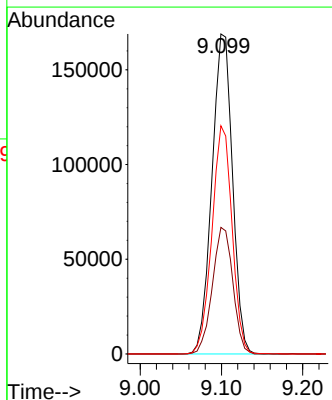
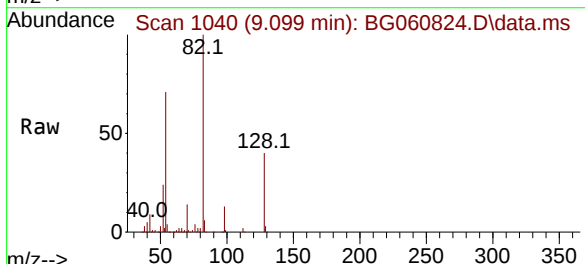
Instrument :
BNA_G
ClientSampleId :
PB160037BL

Tgt Ion:136 Resp: 171587
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 12.9 10.2 15.2
68 5.8 5.2 7.8



#23
Nitrobenzene-d5
Concen: 98.861 ng
RT: 9.099 min Scan# 1040
Delta R.T. -0.014 min
Lab File: BG060824.D
Acq: 8 Apr 2024 13:49

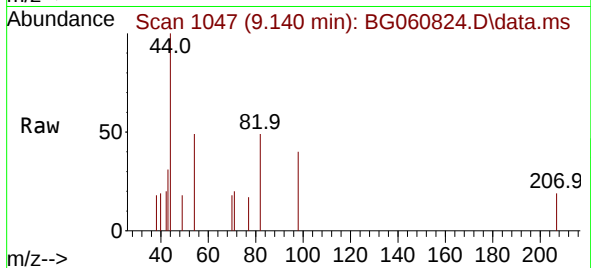
Tgt Ion: 82 Resp: 297281
Ion Ratio Lower Upper
82 100
128 39.5 31.2 46.8
54 71.3 53.2 79.8



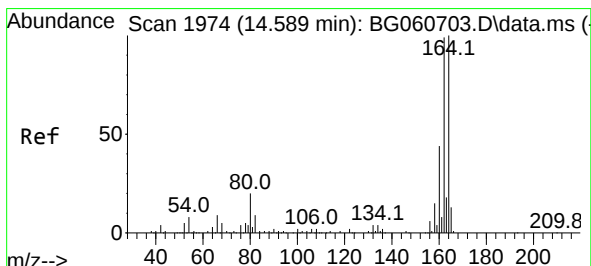
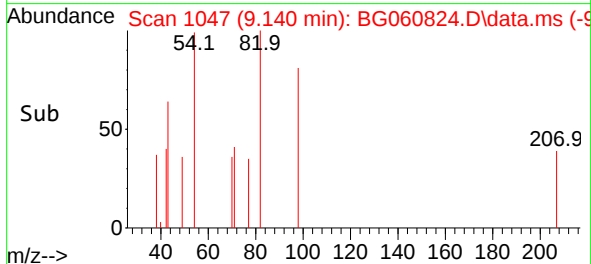
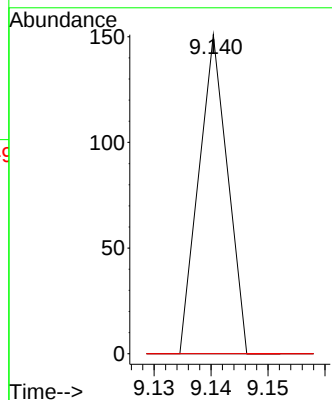


#24
Nitrobenzene
Concen: 2.788 ng
RT: 9.140 min Scan# 1049
Delta R.T. -0.014 min
Lab File: BG060824.D
Acq: 8 Apr 2024 13:49

Instrument :
BNA_G
ClientSampleId :
PB160037BL

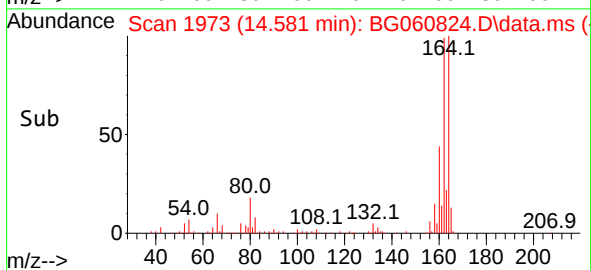
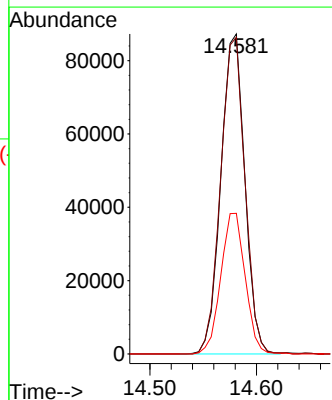
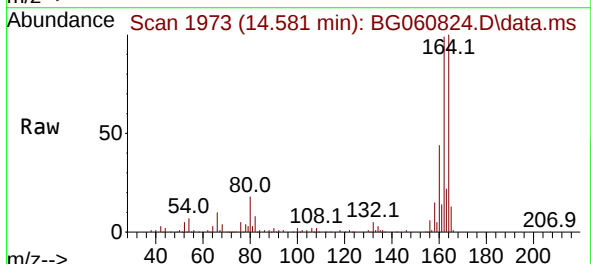


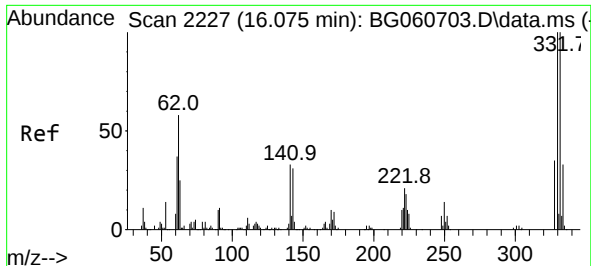
Tgt Ion: 77 Resp: 53
Ion Ratio Lower Upper
77 100
123 0.0 32.7 49.1#
65 0.0 11.3 16.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.581 min Scan# 1973
Delta R.T. -0.008 min
Lab File: BG060824.D
Acq: 8 Apr 2024 13:49

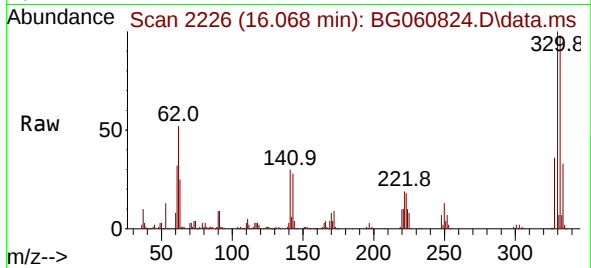
Tgt Ion:164 Resp: 135889
Ion Ratio Lower Upper
164 100
162 99.0 79.5 119.3
160 44.0 35.4 53.0



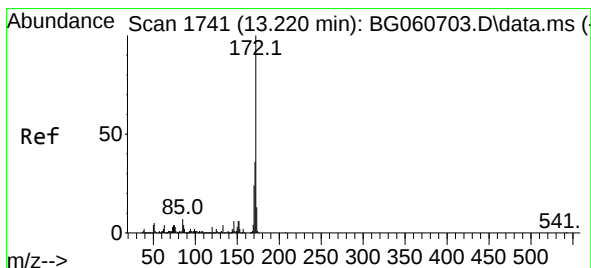
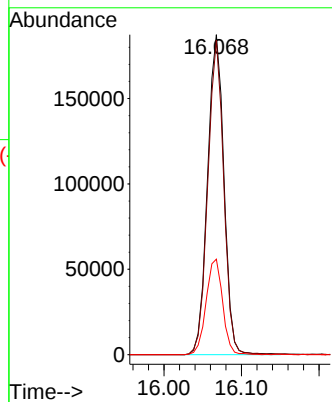
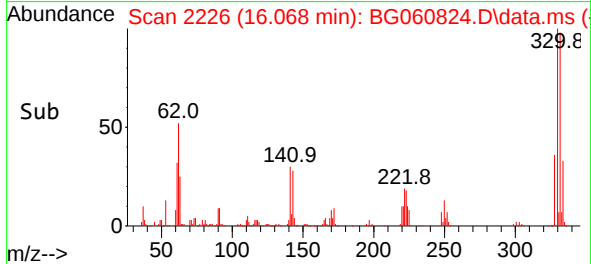


#42
2,4,6-Tribromophenol
Concen: 178.630 ng
RT: 16.068 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG060824.D
Acq: 8 Apr 2024 13:49

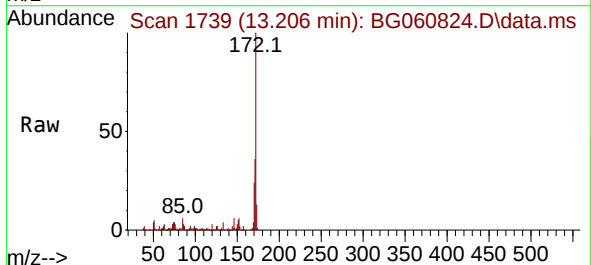
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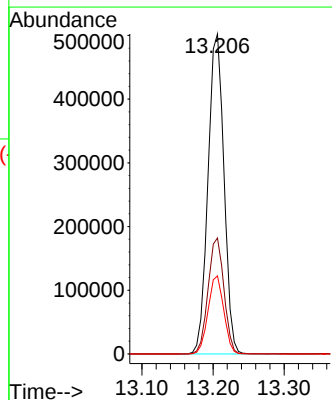
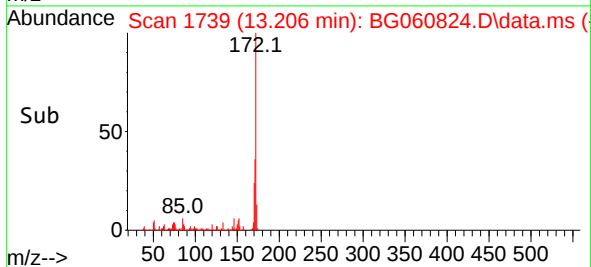
Tgt Ion:330 Resp: 275548
Ion Ratio Lower Upper
330 100
332 95.3 78.2 117.4
141 30.0 27.0 40.6

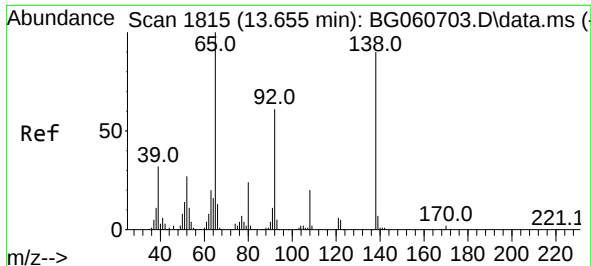


#45
2-Fluorobiphenyl
Concen: 84.763 ng
RT: 13.206 min Scan# 1739
Delta R.T. -0.014 min
Lab File: BG060824.D
Acq: 8 Apr 2024 13:49



Tgt Ion:172 Resp: 784826
Ion Ratio Lower Upper
172 100
171 36.2 28.7 43.1
170 24.4 19.4 29.0

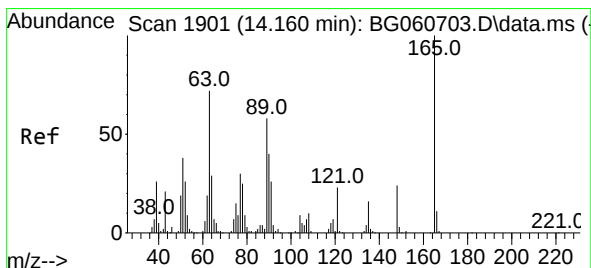
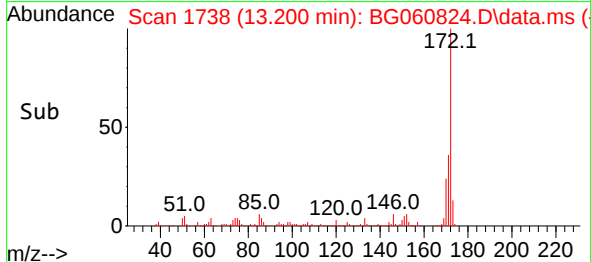
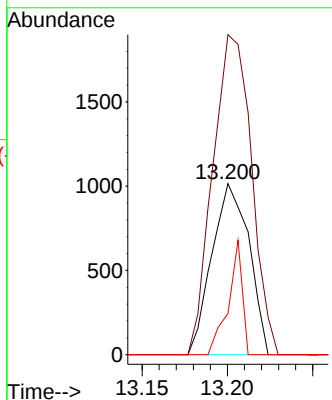
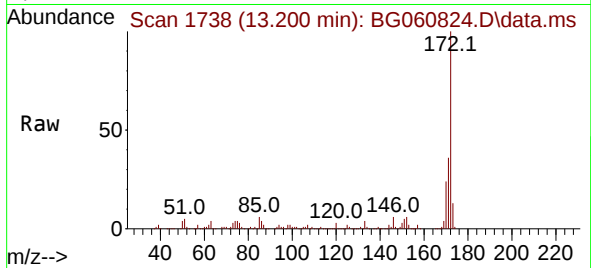




#48
2-Nitroaniline
Concen: 3.475 ng
RT: 13.200 min Scan# 11
Delta R.T. -0.455 min
Lab File: BG060824.D
Acq: 8 Apr 2024 13:49

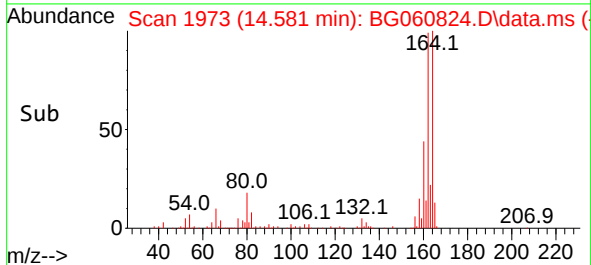
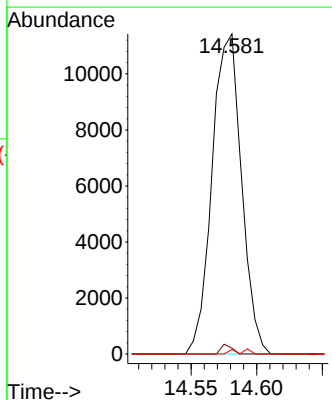
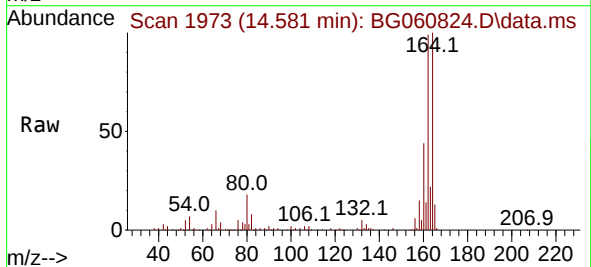
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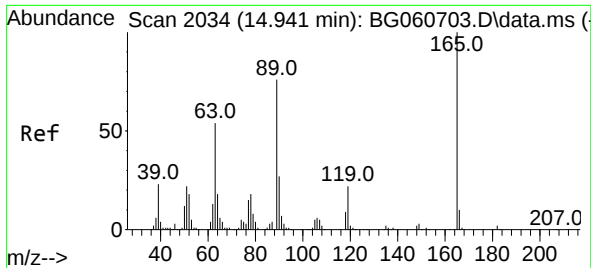
Tgt Ion: 65 Resp: 1533
Ion Ratio Lower Upper
65 100
92 187.1 48.6 72.8#
138 24.0 72.2 108.4#



#51
2,6-Dinitrotoluene
Concen: 12.067 ng
RT: 14.581 min Scan# 1973
Delta R.T. 0.421 min
Lab File: BG060824.D
Acq: 8 Apr 2024 13:49

Tgt Ion: 165 Resp: 17781
Ion Ratio Lower Upper
165 100
63 1.8 58.2 87.4#
89 1.4 46.1 69.1#

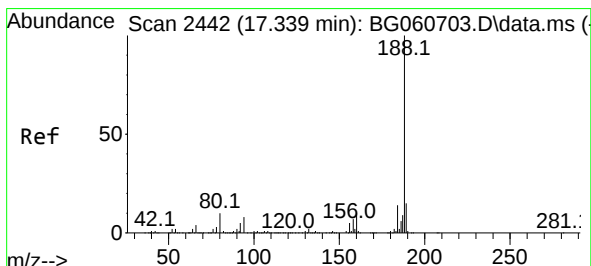
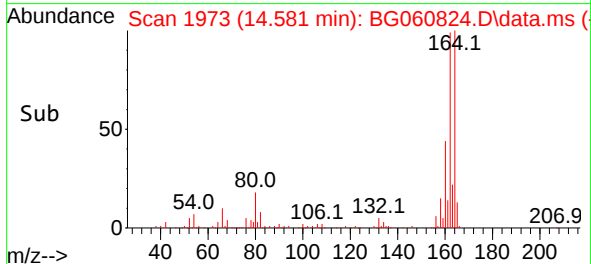
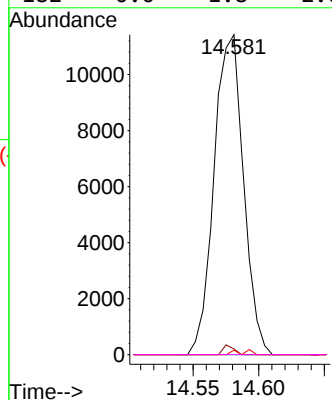
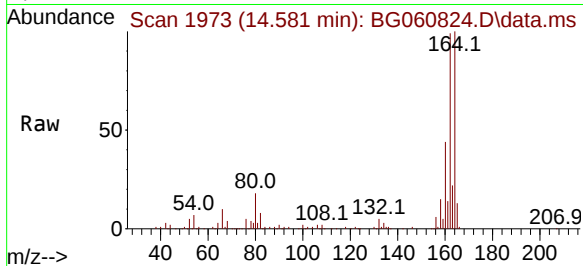




#57
2,4-Dinitrotoluene
Concen: 10.152 ng
RT: 14.581 min Scan# 1973
Delta R.T. -0.360 min
Lab File: BG060824.D
Acq: 8 Apr 2024 13:49

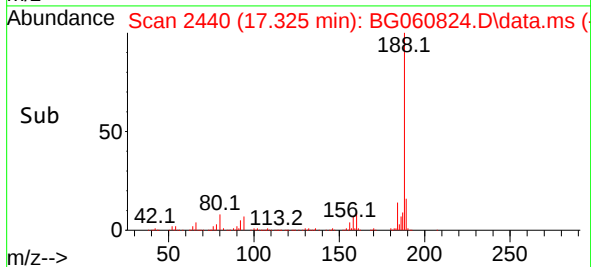
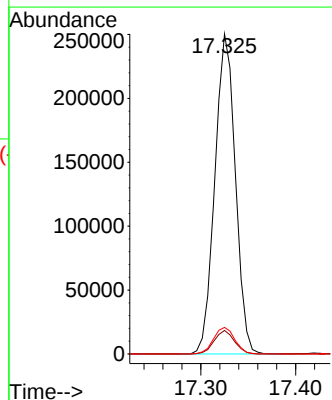
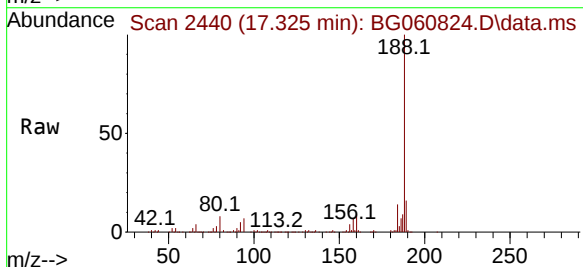
Instrument :
BNA_G
ClientSampleId :
PB160037BL

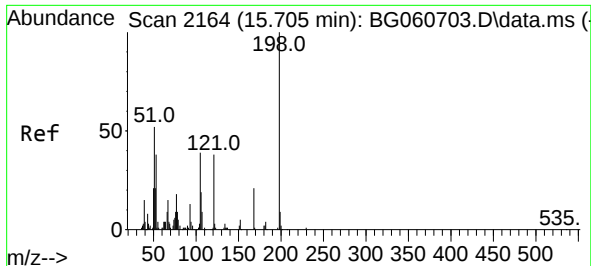
Tgt Ion:165 Resp: 17781
Ion Ratio Lower Upper
165 100
63 1.8 43.4 65.0#
89 1.4 61.0 91.6#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.325 min Scan# 2440
Delta R.T. -0.014 min
Lab File: BG060824.D
Acq: 8 Apr 2024 13:49

Tgt Ion:188 Resp: 377003
Ion Ratio Lower Upper
188 100
94 7.3 6.6 9.8
80 8.3 7.6 11.4

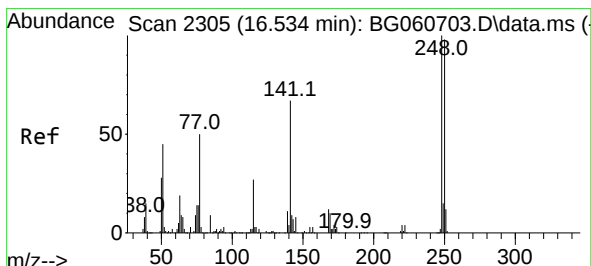
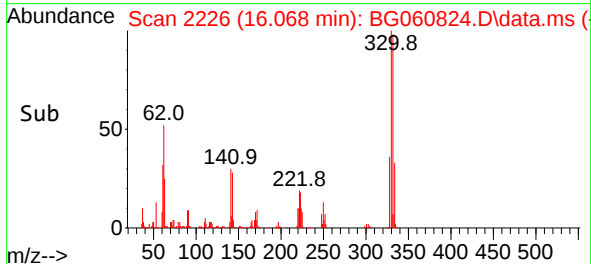
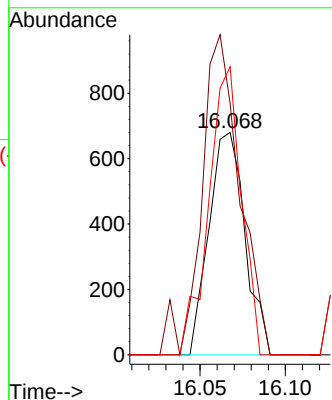
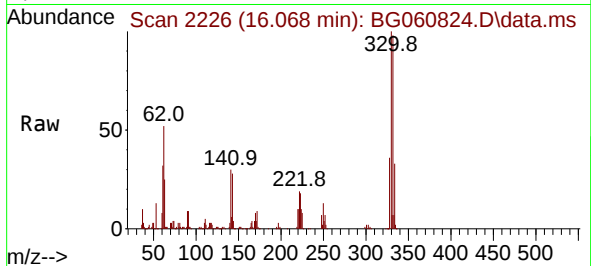




#65
4,6-Dinitro-2-methylphenol
Concen: 7.582 ng
RT: 16.068 min Scan# 2164
Delta R.T. 0.363 min
Lab File: BG060824.D
Acq: 8 Apr 2024 13:49

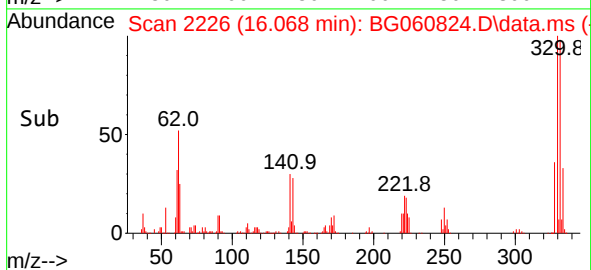
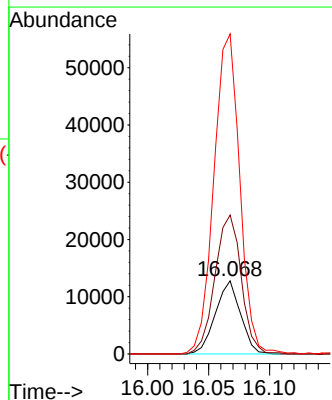
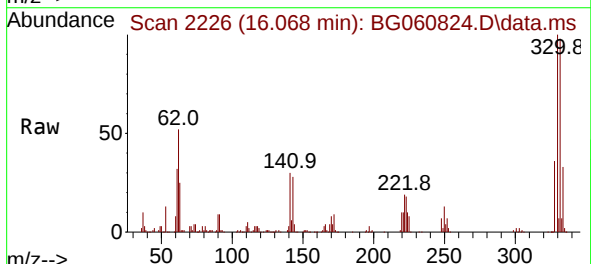
Instrument :
BNA_G
ClientSampleId :
PB160037BL

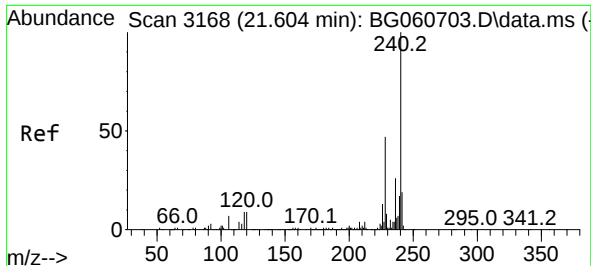
Tgt Ion:198 Resp: 999
Ion Ratio Lower Upper
198 100
51 113.1 36.7 76.7#
105 129.6 19.1 59.1#



#67
4-Bromophenyl-phenylether
Concen: 4.786 ng
RT: 16.068 min Scan# 2226
Delta R.T. -0.466 min
Lab File: BG060824.D
Acq: 8 Apr 2024 13:49

Tgt Ion:248 Resp: 18311
Ion Ratio Lower Upper
248 100
250 190.1 78.3 117.5#
141 437.7 53.7 80.5#

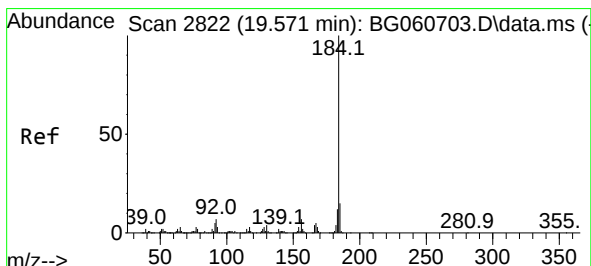
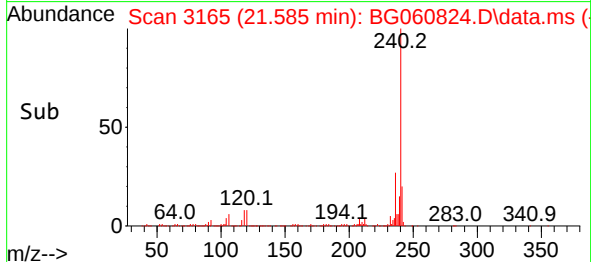
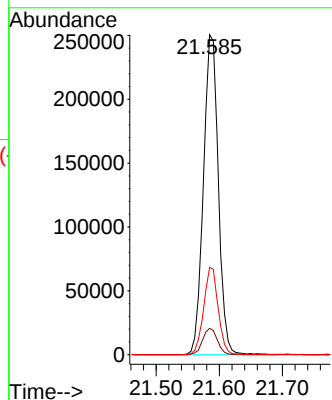
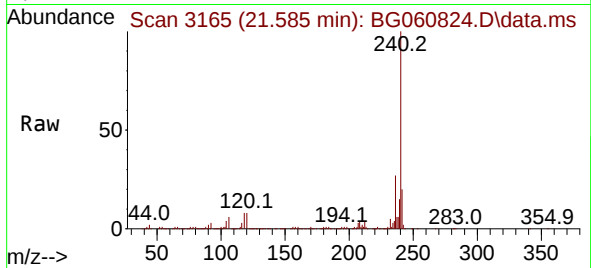




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.585 min Scan# 3165
Delta R.T. -0.020 min
Lab File: BG060824.D
Acq: 8 Apr 2024 13:49

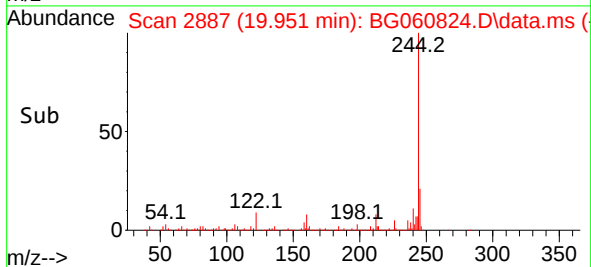
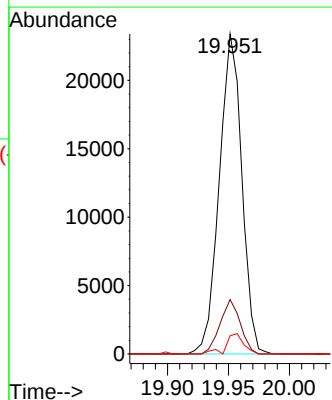
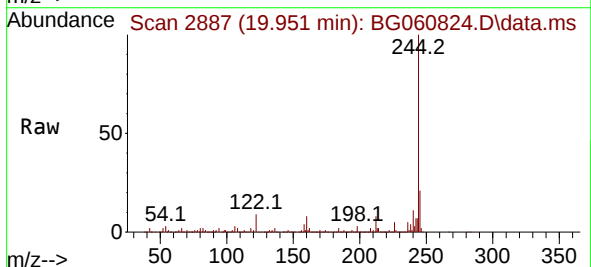
Instrument :
BNA_G
ClientSampleId :
PB160037BL

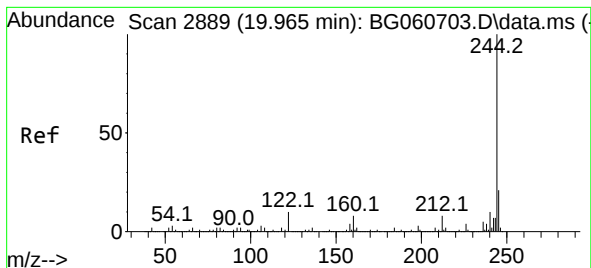
Tgt Ion:240 Resp: 410816
Ion Ratio Lower Upper
240 100
120 8.2 7.1 10.7
236 27.3 20.7 31.1



#77
Benzidine
Concen: 2.782 ng
RT: 19.951 min Scan# 2887
Delta R.T. 0.380 min
Lab File: BG060824.D
Acq: 8 Apr 2024 13:49

Tgt Ion:184 Resp: 30095
Ion Ratio Lower Upper
184 100
185 17.0 11.8 17.6
183 5.7 9.5 14.3#





#79

Terphenyl-d14

Concen: 81.777 ng

RT: 19.951 min Scan# 21

Delta R.T. -0.014 min

Lab File: BG060824.D

Acq: 8 Apr 2024 13:49

Instrument :

BNA_G

ClientSampleId :

PB160037BL

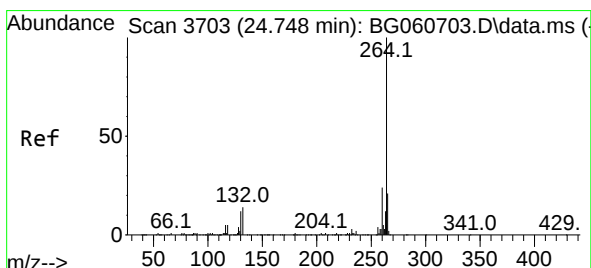
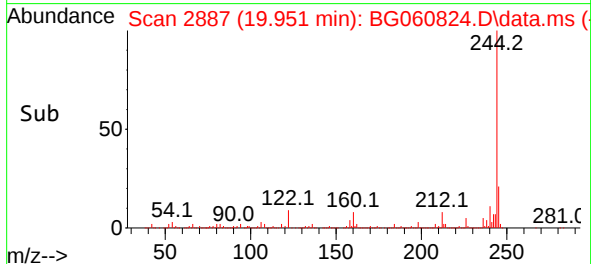
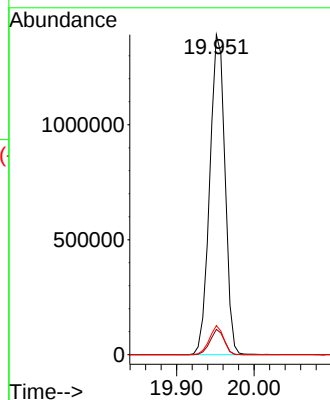
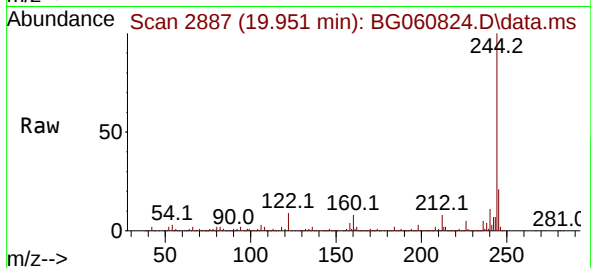
Tgt Ion:244 Resp: 1907927

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

122 9.1 7.8 11.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.722 min Scan# 3699

Delta R.T. -0.026 min

Lab File: BG060824.D

Acq: 8 Apr 2024 13:49

Tgt Ion:264 Resp: 470833

Ion Ratio Lower Upper

264 100

260 25.0 19.5 29.3

265 22.1 16.9 25.3

