

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040624\
 Data File : BG060817.D
 Acq On : 6 Apr 2024 18:56
 Operator : MA/JU
 Sample : P2000-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 60152

Quant Time: Apr 08 02:09:50 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)

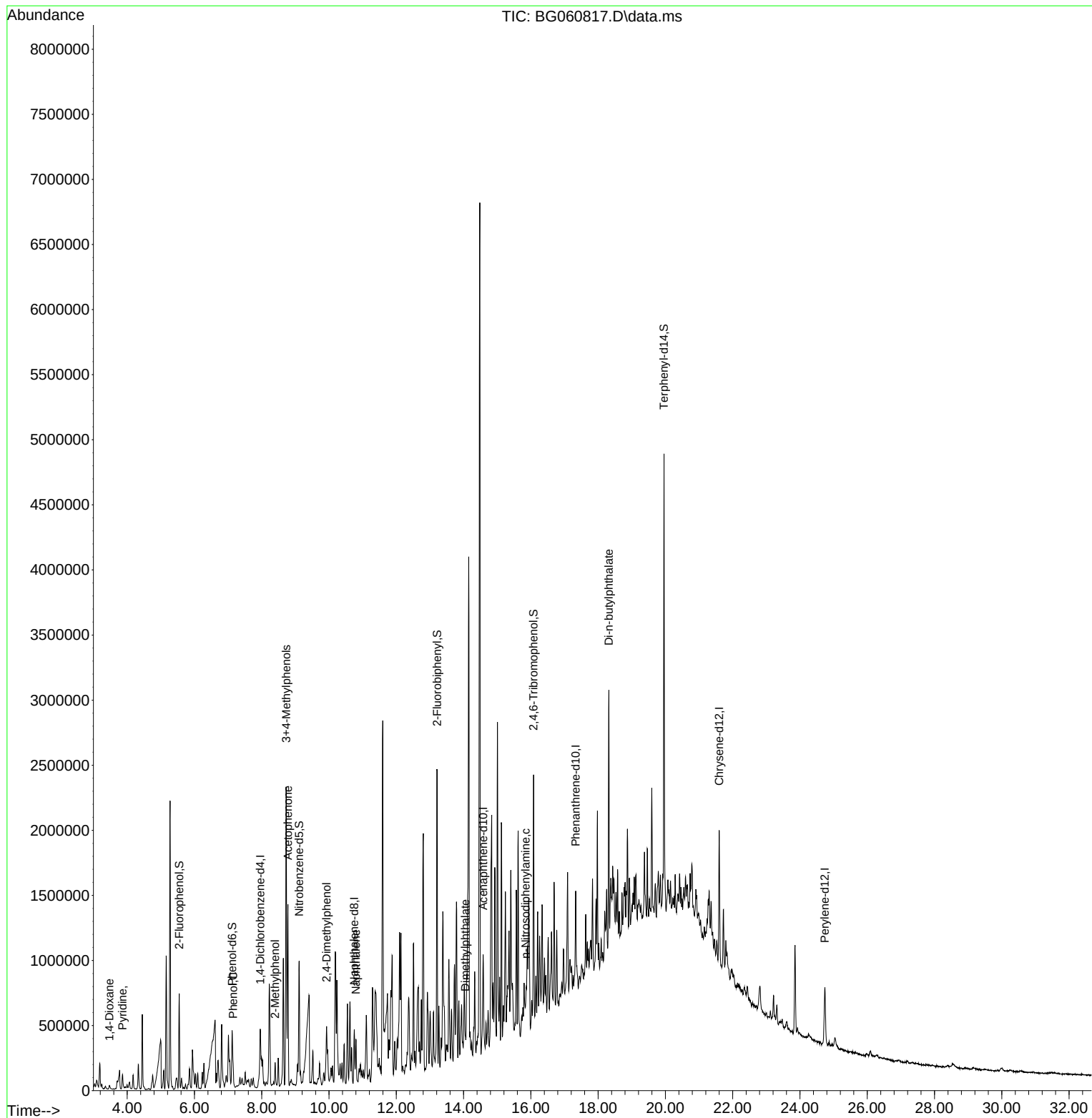
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	75472	20.000	ng	0.00
21) Naphthalene-d8	10.752	136	295023	20.000	ng	0.00
39) Acenaphthene-d10	14.583	164	212214	20.000	ng	0.00
64) Phenanthrene-d10	17.332	188	434031	20.000	ng	0.00
76) Chrysene-d12	21.598	240	404335	20.000	ng	# 0.00
86) Perylene-d12	24.741	264	498271	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	263419	58.144	ng	0.01
7) Phenol-d6	7.121	99	213388	31.731	ng	0.00
23) Nitrobenzene-d5	9.112	82	539459	104.339	ng	0.00
42) 2,4,6-Tribromophenol	16.081	330	377201	156.582	ng	0.00
45) 2-Fluorobiphenyl	13.214	172	1228744	84.977	ng	0.00
79) Terphenyl-d14	19.959	244	1778146	77.436	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.472	88	14303	7.700	ng	# 76
3) Pyridine	3.860	79	61991	11.064	ng	93
10) Phenol	7.150	94	84547	12.319	ng	95
17) 2-Methylphenol	8.396	107	56553	10.915	ng	98
20) 3+4-Methylphenols	8.725	107	1033743	145.703	ng	97
22) Acetophenone	8.778	105	715909	88.005	ng	# 97
27) 2,4-Dimethylphenol	9.929	122	126724	26.491	ng	98
31) Naphthalene	10.799	128	244693	15.333	ng	97
50) Dimethylphthalate	14.048	163	35916	2.141	ng	# 94
66) n-Nitrosodiphenylamine	15.846	169	45052	3.632	ng	94
74) Di-n-butylphthalate	18.319	149	1152996	45.756	ng	# 97

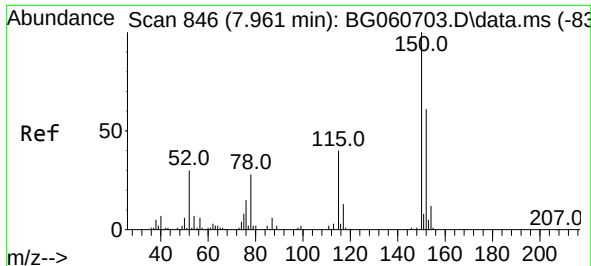
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040624\
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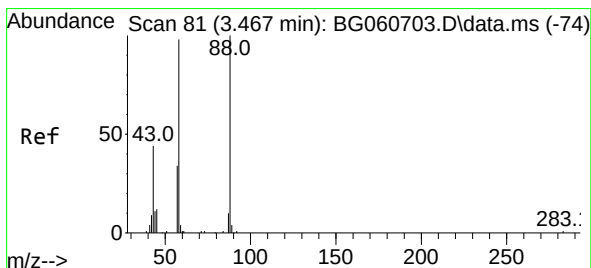
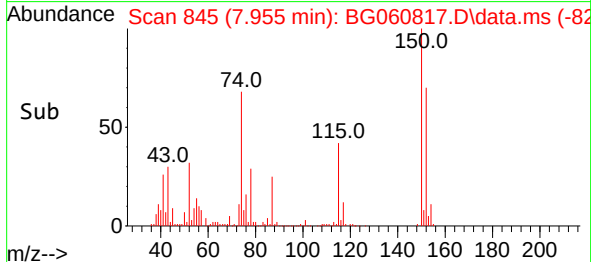
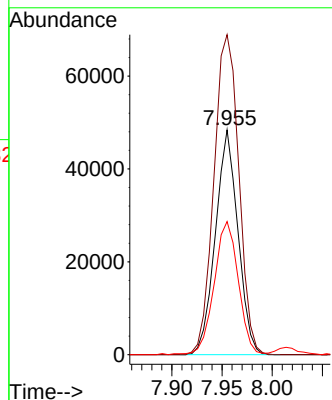
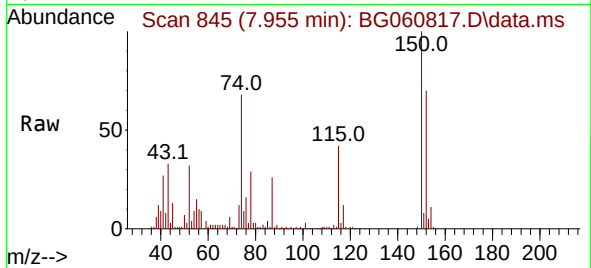




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.955 min Scan# 84
 Delta R.T. -0.006 min
 Lab File: BG060817.D
 Acq: 6 Apr 2024 18:56

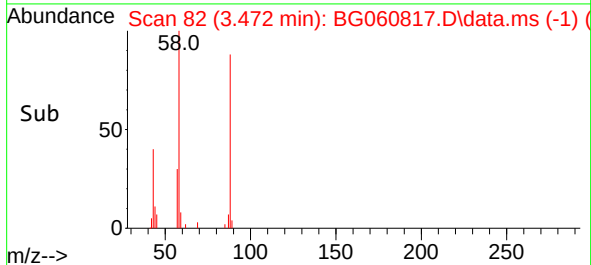
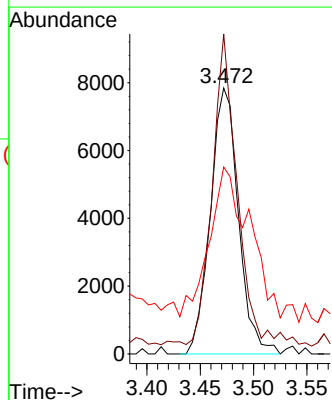
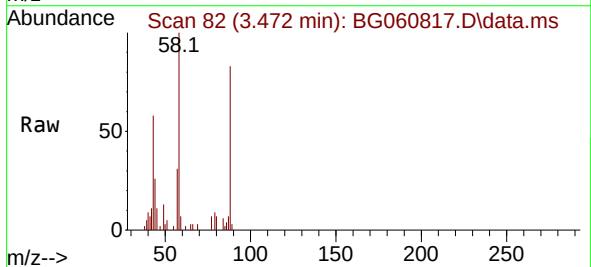
Instrument :
 BNA_G
 ClientSampleId :
 60152

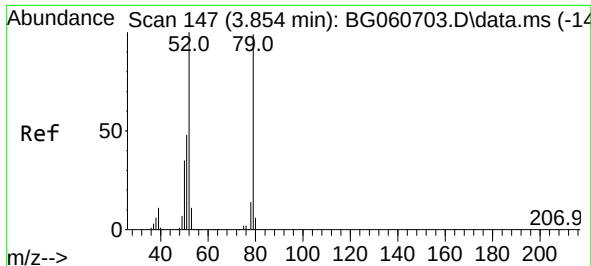
Tgt Ion:152 Resp: 75472
 Ion Ratio Lower Upper
 152 100
 150 142.3 130.2 195.4
 115 59.2 51.6 77.4



#2
 1,4-Dioxane
 Concen: 7.700 ng
 RT: 3.472 min Scan# 82
 Delta R.T. 0.005 min
 Lab File: BG060817.D
 Acq: 6 Apr 2024 18:56

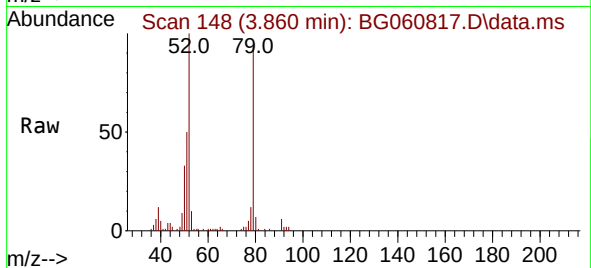
Tgt Ion: 88 Resp: 14303
 Ion Ratio Lower Upper
 88 100
 58 105.9 80.9 121.3
 43 88.2 35.4 53.0#



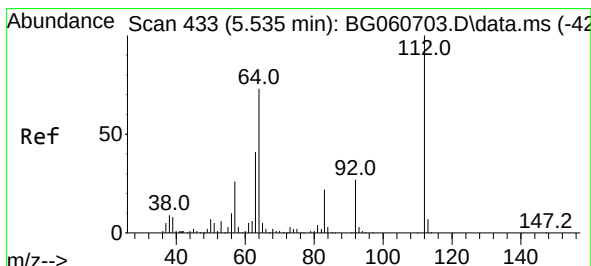
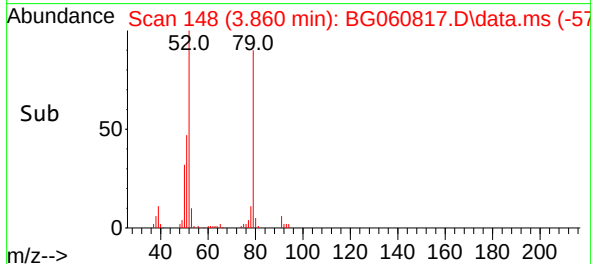
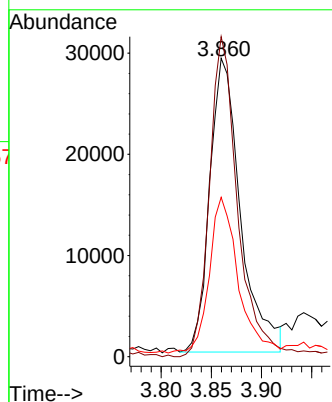


#3
Pyridine
Concen: 11.064 ng
RT: 3.860 min Scan# 14
Delta R.T. 0.005 min
Lab File: BG060817.D
Acq: 6 Apr 2024 18:56

Instrument :
BNA_G
ClientSampleId :
60152

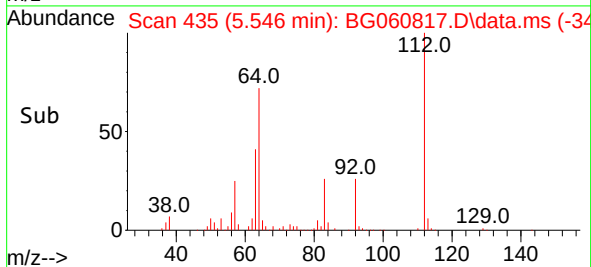
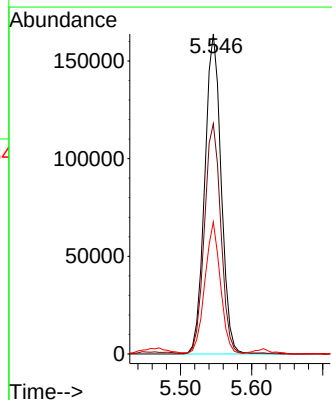
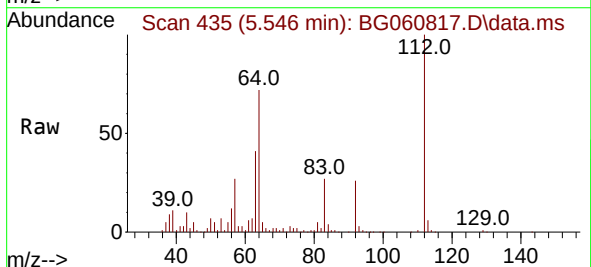


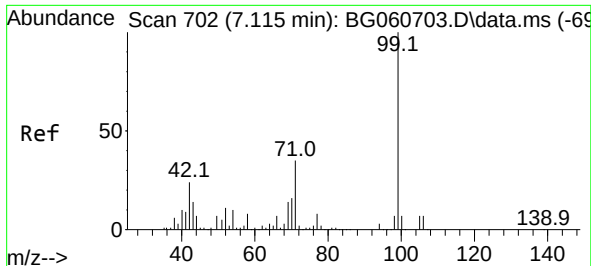
Tgt Ion: 79 Resp: 61991
Ion Ratio Lower Upper
79 100
52 107.2 80.6 120.8
51 53.4 39.1 58.7



#5
2-Fluorophenol
Concen: 58.144 ng
RT: 5.546 min Scan# 435
Delta R.T. 0.011 min
Lab File: BG060817.D
Acq: 6 Apr 2024 18:56

Tgt Ion: 112 Resp: 263419
Ion Ratio Lower Upper
112 100
64 71.9 58.4 87.6
63 41.2 32.7 49.1

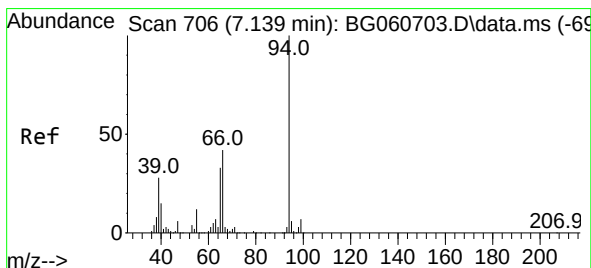
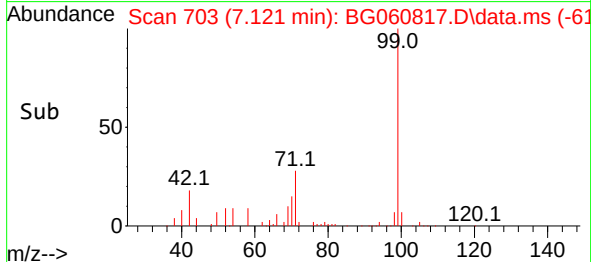
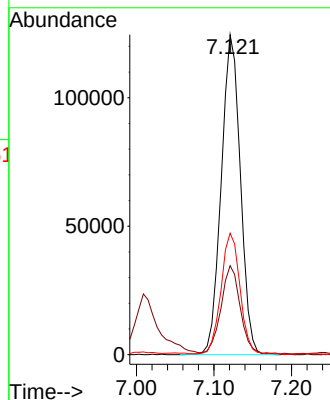
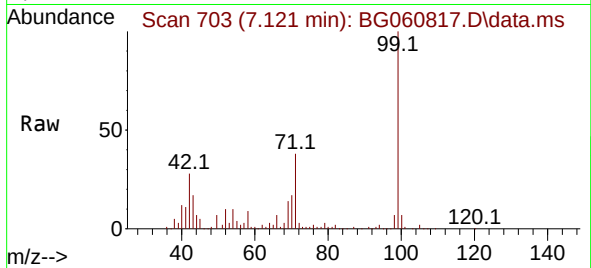




#7
Phenol-d6
Concen: 31.731 ng
RT: 7.121 min Scan# 703
Delta R.T. 0.005 min
Lab File: BG060817.D
Acq: 6 Apr 2024 18:56

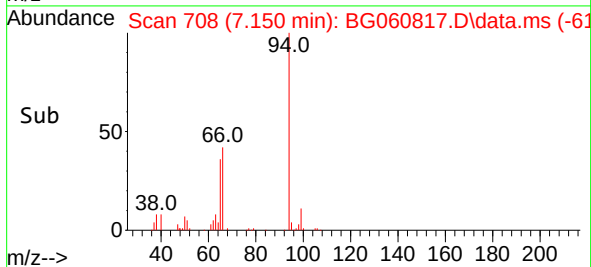
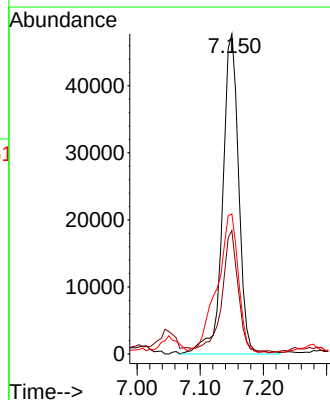
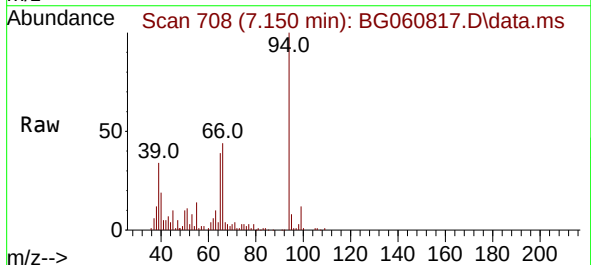
Instrument :
BNA_G
ClientSampleId :
60152

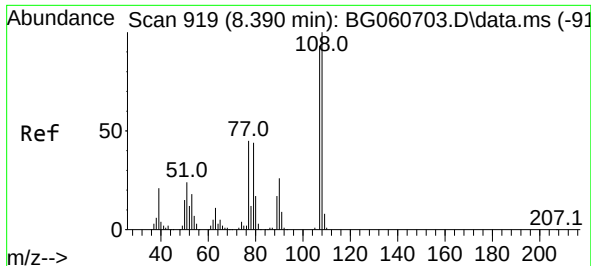
Tgt Ion: 99 Resp: 213388
Ion Ratio Lower Upper
99 100
42 27.8 19.4 29.2
71 37.9 28.2 42.2



#10
Phenol
Concen: 12.319 ng
RT: 7.150 min Scan# 708
Delta R.T. 0.011 min
Lab File: BG060817.D
Acq: 6 Apr 2024 18:56

Tgt Ion: 94 Resp: 84547
Ion Ratio Lower Upper
94 100
65 38.5 13.3 53.3
66 43.8 22.9 62.9

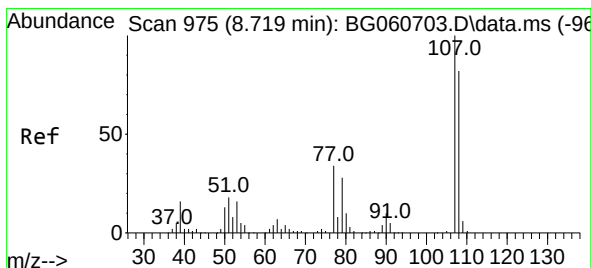
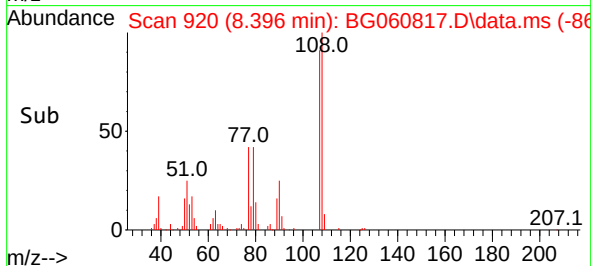
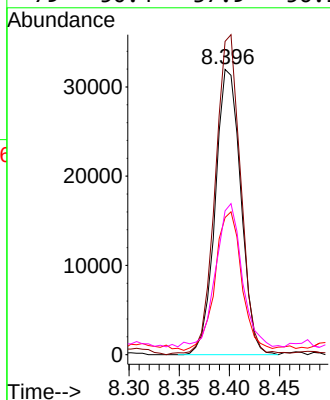
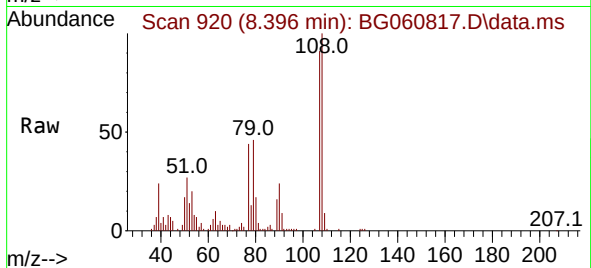




#17
2-Methylphenol
Concen: 10.915 ng
RT: 8.396 min Scan# 919
Delta R.T. 0.005 min
Lab File: BG060817.D
Acq: 6 Apr 2024 18:56

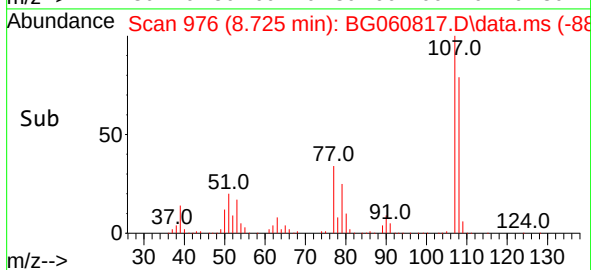
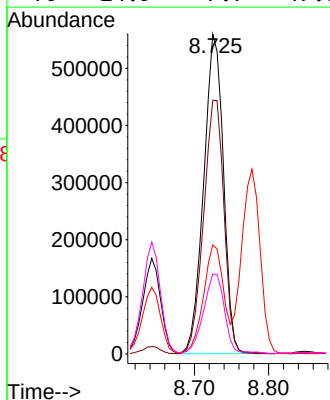
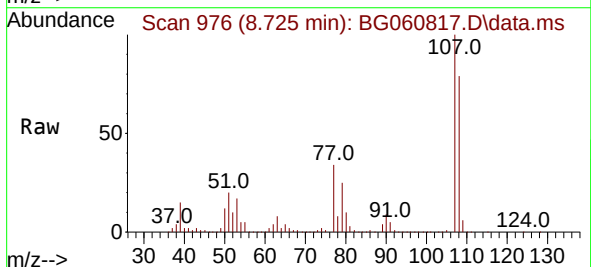
Instrument :
BNA_G
ClientSampleId :
60152

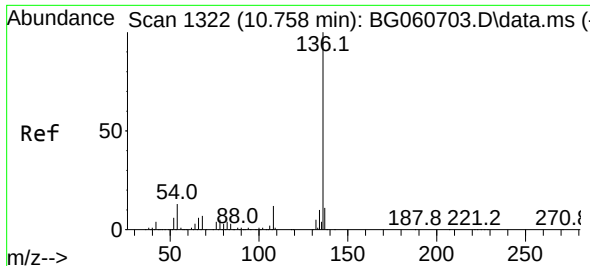
Tgt Ion:	107	Resp:	56553
Ion	Ratio	Lower	Upper
107	100		
108	109.8	86.4	129.6
77	48.0	38.6	58.0
79	50.4	37.9	56.9



#20
3+4-Methylphenols
Concen: 145.703 ng
RT: 8.725 min Scan# 976
Delta R.T. 0.005 min
Lab File: BG060817.D
Acq: 6 Apr 2024 18:56

Tgt Ion:	107	Resp:	1033743
Ion	Ratio	Lower	Upper
107	100		
108	79.2	62.2	102.2
77	34.1	14.1	54.1
79	24.9	7.7	47.7

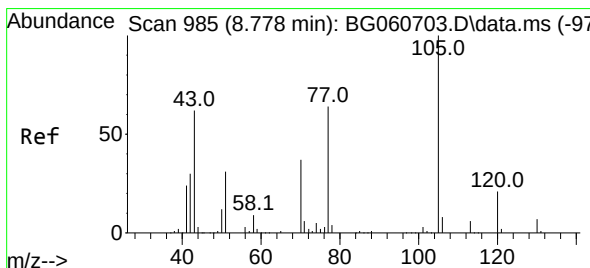
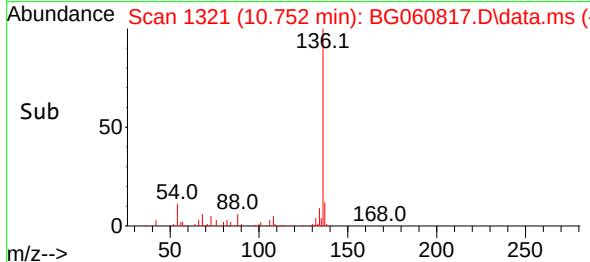
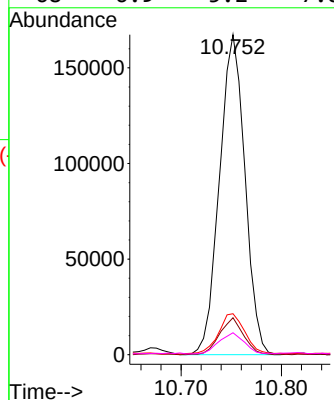
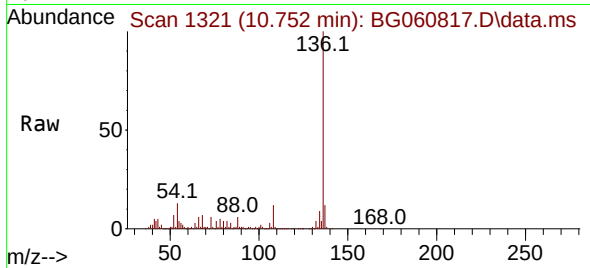




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.752 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG060817.D
Acq: 6 Apr 2024 18:56

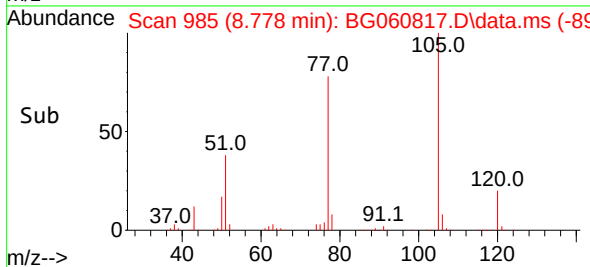
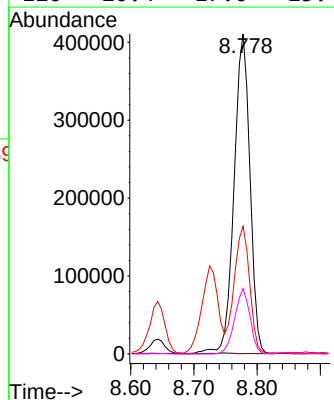
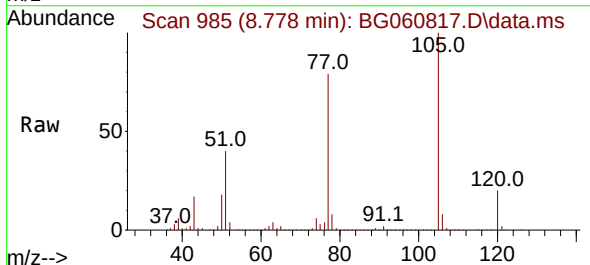
Instrument :
BNA_G
ClientSampleId :
60152

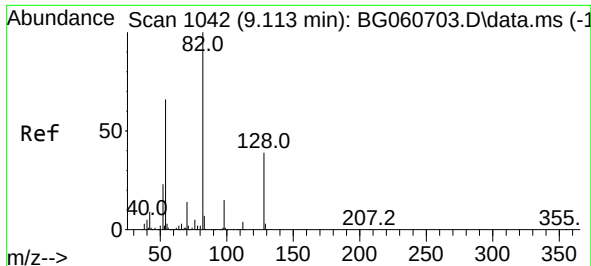
Tgt Ion:136 Resp: 295023
Ion Ratio Lower Upper
136 100
137 11.6 8.8 13.2
54 12.8 10.2 15.2
68 6.9 5.2 7.8



#22
Acetophenone
Concen: 88.005 ng
RT: 8.778 min Scan# 985
Delta R.T. -0.000 min
Lab File: BG060817.D
Acq: 6 Apr 2024 18:56

Tgt Ion:105 Resp: 715909
Ion Ratio Lower Upper
105 100
71 0.1 4.9 7.3#
51 39.9 31.1 46.7
120 20.4 17.0 25.4





#23

Nitrobenzene-d5

Concen: 104.339 ng

RT: 9.112 min Scan# 1042

Delta R.T. -0.001 min

Lab File: BG060817.D

Acq: 6 Apr 2024 18:56

Instrument :

BNA_G

ClientSampleId :

60152

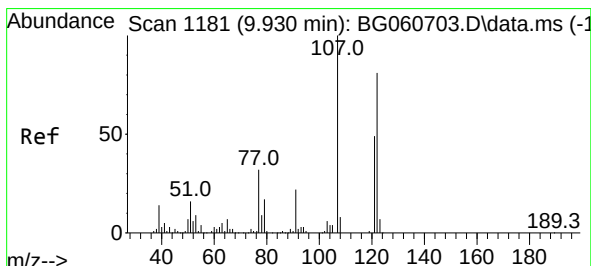
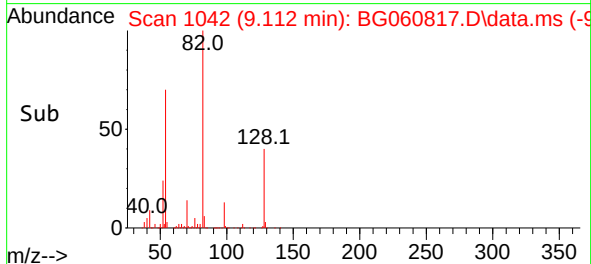
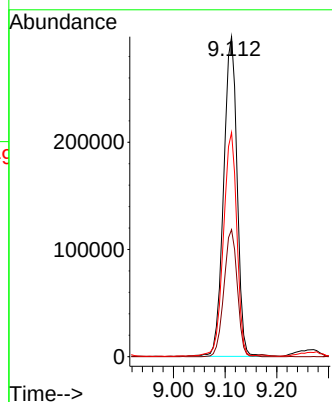
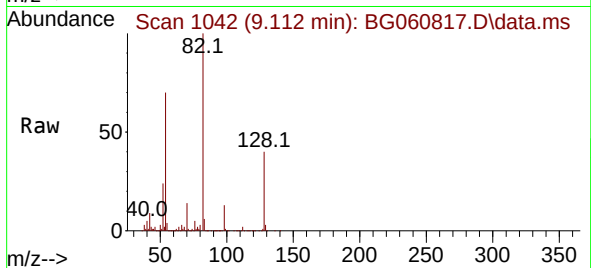
Tgt Ion: 82 Resp: 539459

Ion Ratio Lower Upper

82 100

128 39.7 31.2 46.8

54 70.0 53.2 79.8



#27

2,4-Dimethylphenol

Concen: 26.491 ng

RT: 9.929 min Scan# 1181

Delta R.T. -0.001 min

Lab File: BG060817.D

Acq: 6 Apr 2024 18:56

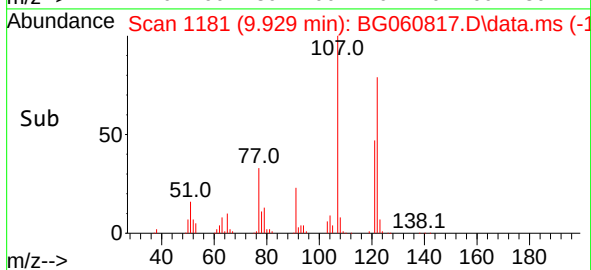
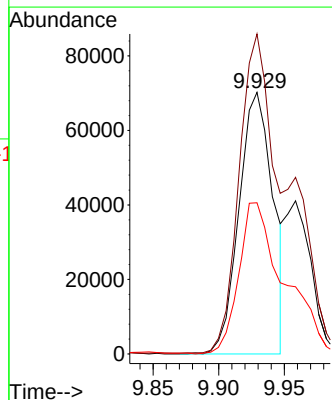
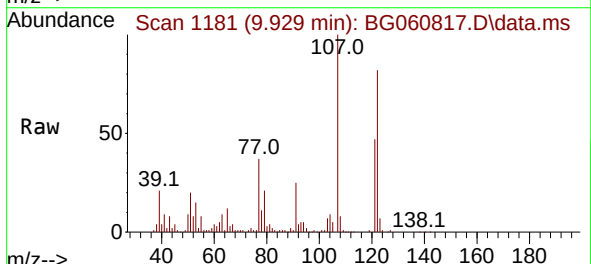
Tgt Ion:122 Resp: 126724

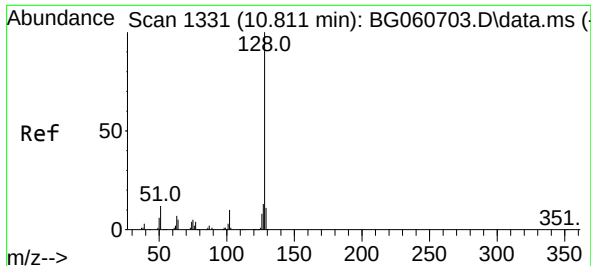
Ion Ratio Lower Upper

122 100

107 122.3 98.6 147.8

121 57.8 48.1 72.1

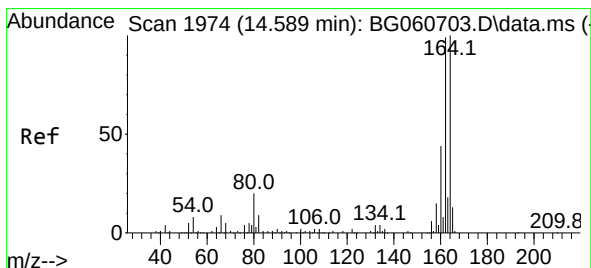
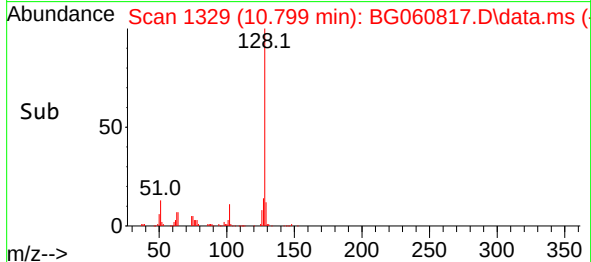
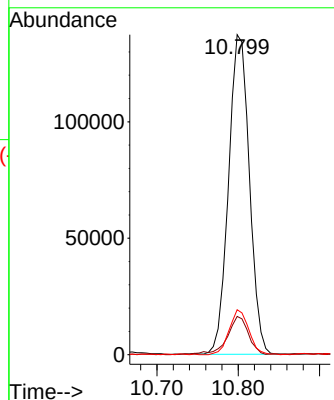
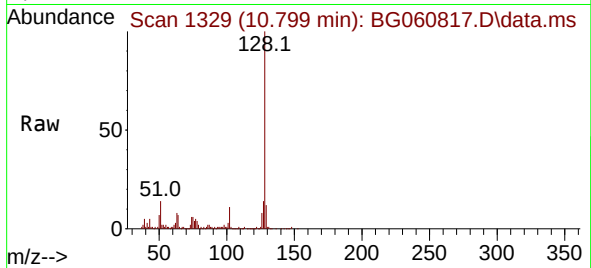




#31
Naphthalene
Concen: 15.333 ng
RT: 10.799 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG060817.D
Acq: 6 Apr 2024 18:56

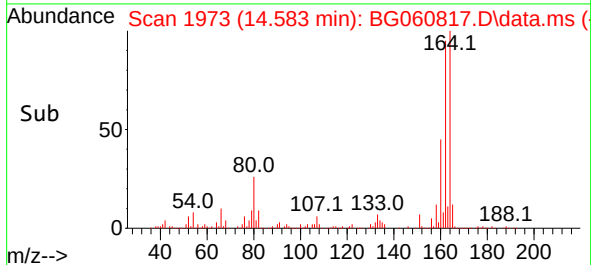
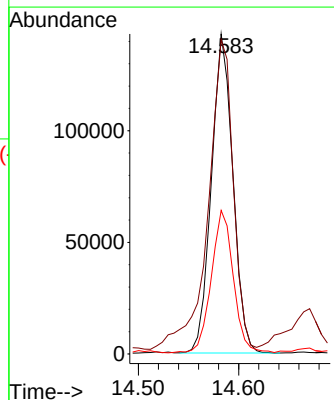
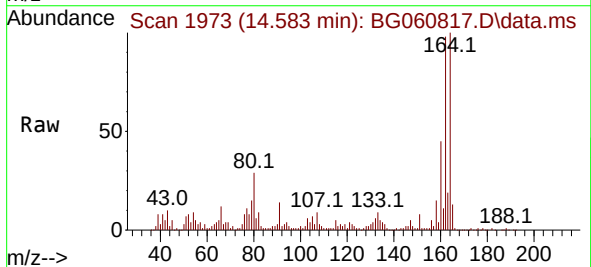
Instrument :
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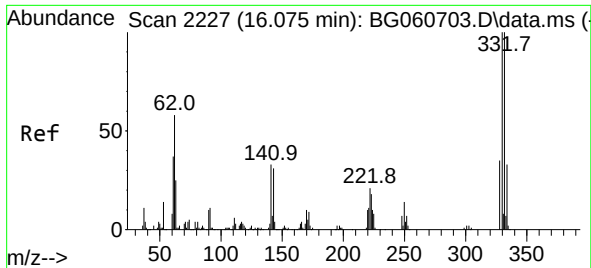
Tgt Ion:128 Resp: 244693
Ion Ratio Lower Upper
128 100
129 12.0 8.5 12.7
127 14.1 10.5 15.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.583 min Scan# 1973
Delta R.T. -0.006 min
Lab File: BG060817.D
Acq: 6 Apr 2024 18:56

Tgt Ion:164 Resp: 212214
Ion Ratio Lower Upper
164 100
162 98.2 79.5 119.3
160 44.9 35.4 53.0

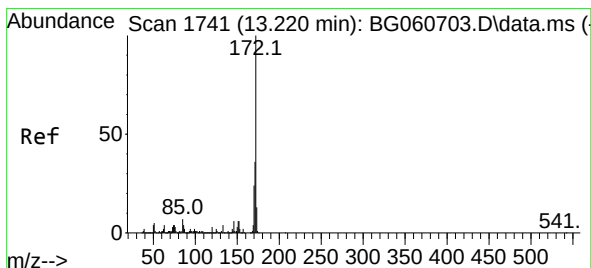
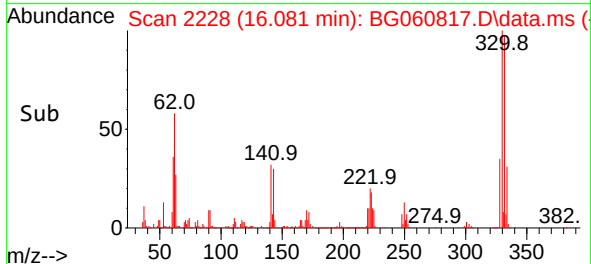
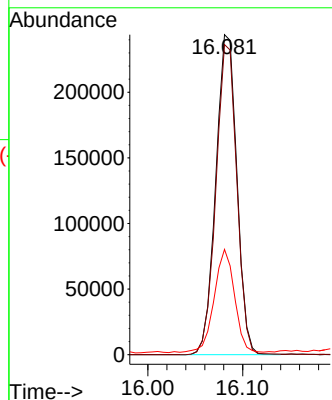
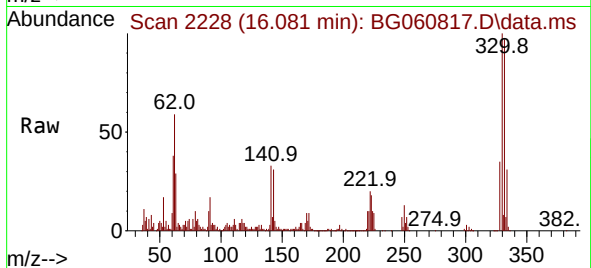




#42
2,4,6-Tribromophenol
Concen: 156.582 ng
RT: 16.081 min Scan# 21
Delta R.T. 0.005 min
Lab File: BG060817.D
Acq: 6 Apr 2024 18:56

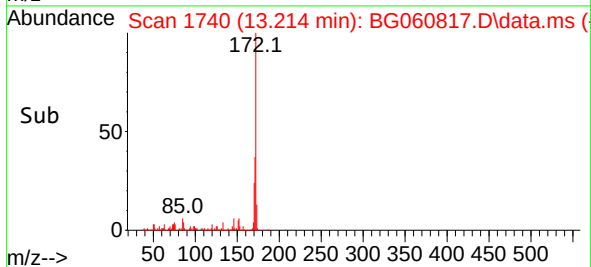
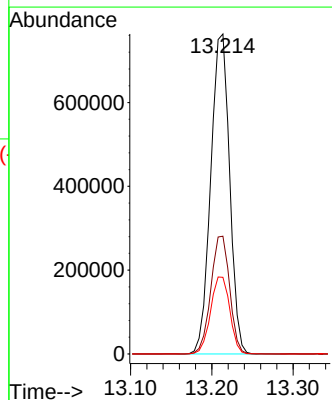
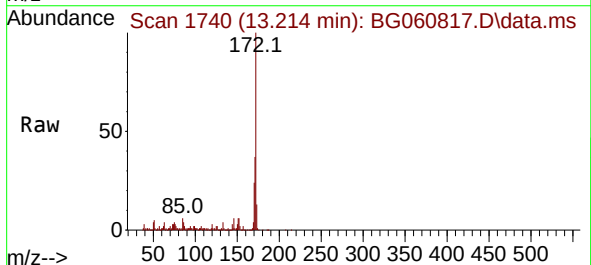
Instrument :
BNA_G
ClientSampleId :
60152

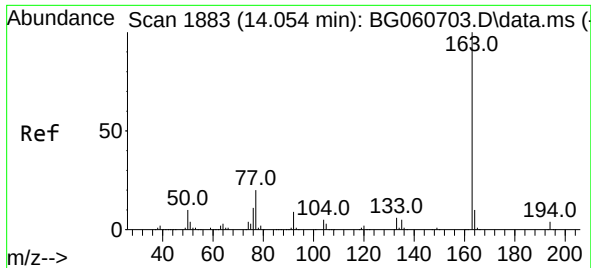
Tgt Ion:330 Resp: 377201
Ion Ratio Lower Upper
330 100
332 95.9 78.2 117.4
141 31.1 27.0 40.6



#45
2-Fluorobiphenyl
Concen: 84.977 ng
RT: 13.214 min Scan# 1740
Delta R.T. -0.006 min
Lab File: BG060817.D
Acq: 6 Apr 2024 18:56

Tgt Ion:172 Resp: 1228744
Ion Ratio Lower Upper
172 100
171 36.8 28.7 43.1
170 23.9 19.4 29.0

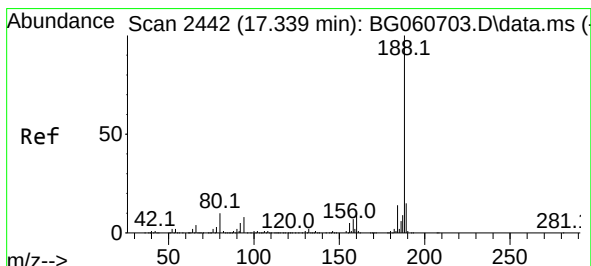
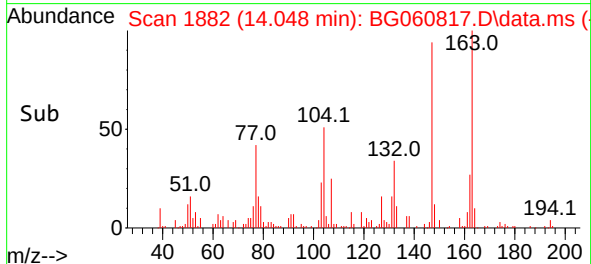
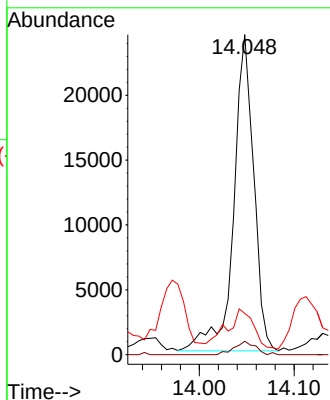
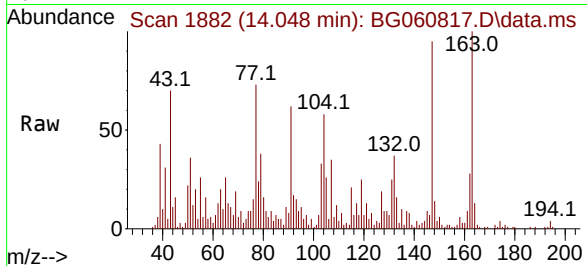




#50
Dimethylphthalate
Concen: 2.141 ng
RT: 14.048 min Scan# 1882
Delta R.T. -0.006 min
Lab File: BG060817.D
Acq: 6 Apr 2024 18:56

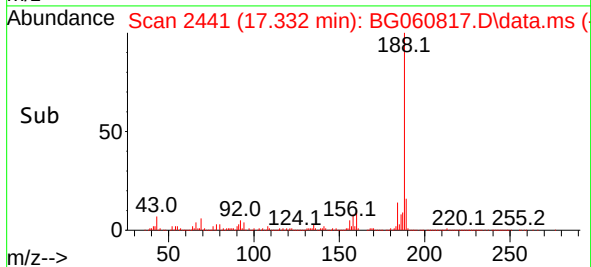
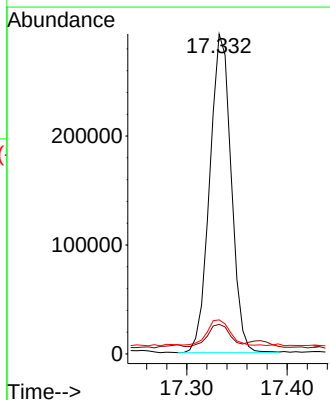
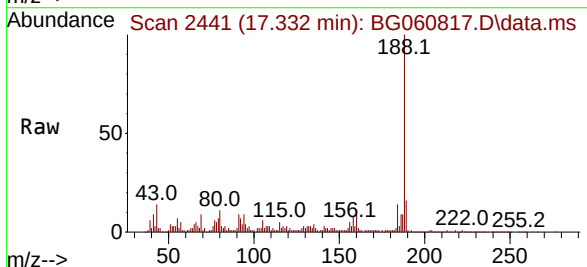
Instrument :
BNA_G
ClientSampleId :
60152

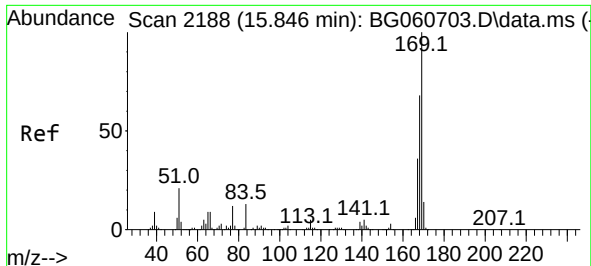
Tgt Ion:163 Resp: 35916
Ion Ratio Lower Upper
163 100
194 4.2 3.0 4.6
164 12.9 7.9 11.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.332 min Scan# 2441
Delta R.T. -0.006 min
Lab File: BG060817.D
Acq: 6 Apr 2024 18:56

Tgt Ion:188 Resp: 434031
Ion Ratio Lower Upper
188 100
94 9.3 6.6 9.8
80 10.7 7.6 11.4

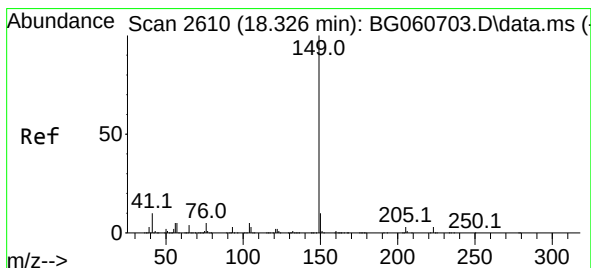
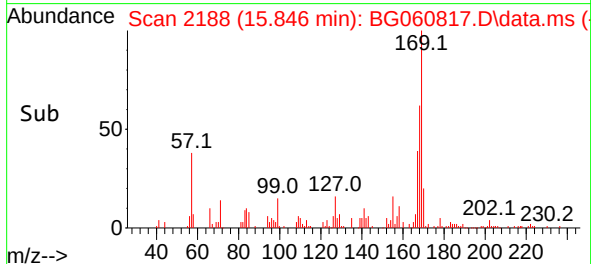
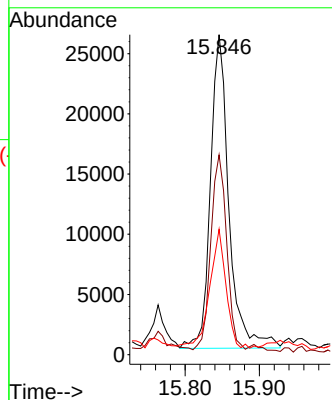
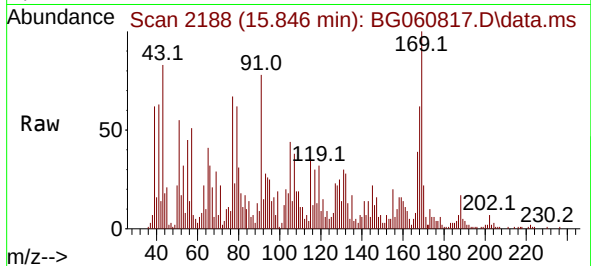




#66
n-Nitrosodiphenylamine
Concen: 3.632 ng
RT: 15.846 min Scan# 2188
Delta R.T. -0.001 min
Lab File: BG060817.D
Acq: 6 Apr 2024 18:56

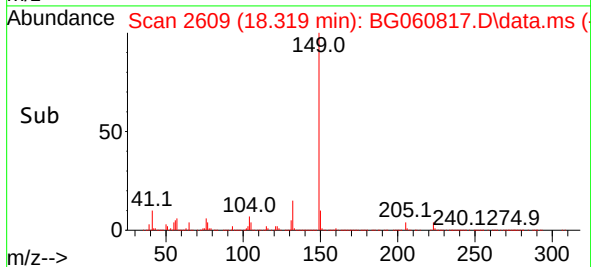
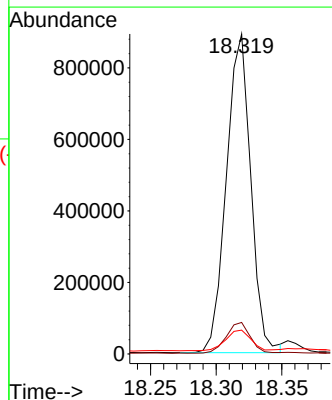
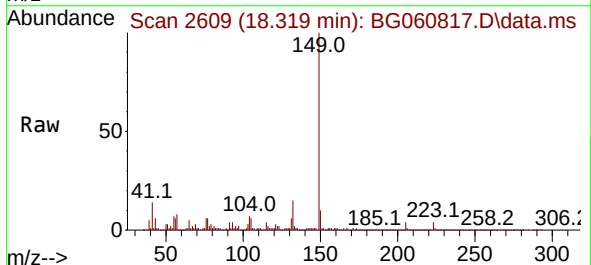
Instrument :
BNA_G
ClientSampleId :
60152

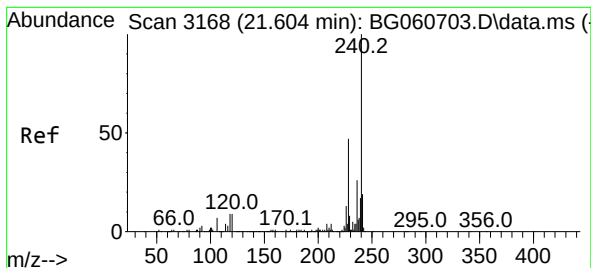
Tgt Ion:169 Resp: 45052
Ion Ratio Lower Upper
169 100
168 62.4 54.5 81.7
167 39.2 29.2 43.8



#74
Di-n-butylphthalate
Concen: 45.756 ng
RT: 18.319 min Scan# 2609
Delta R.T. -0.007 min
Lab File: BG060817.D
Acq: 6 Apr 2024 18:56

Tgt Ion:149 Resp: 1152996
Ion Ratio Lower Upper
149 100
150 9.8 7.7 11.5
104 7.4 4.2 6.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.598 min Scan# 3167

Delta R.T. -0.006 min

Lab File: BG060817.D

Acq: 6 Apr 2024 18:56

Instrument :

BNA_G

ClientSampleId :

60152

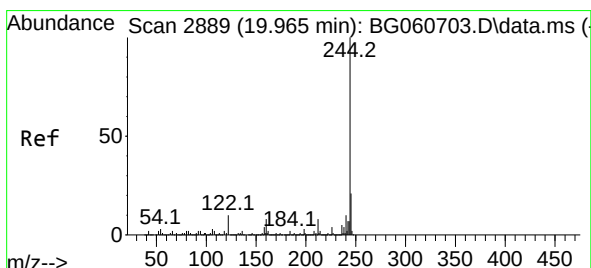
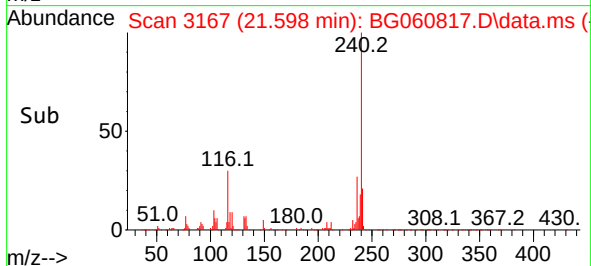
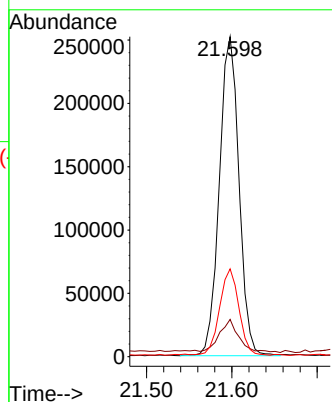
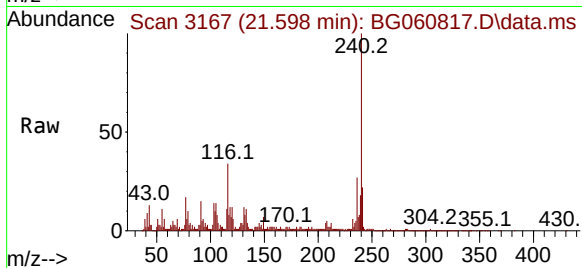
Tgt Ion:240 Resp: 404335

Ion Ratio Lower Upper

240 100

120 11.7 7.1 10.7#

236 27.4 20.7 31.1



#79

Terphenyl-d14

Concen: 77.436 ng

RT: 19.959 min Scan# 2888

Delta R.T. -0.006 min

Lab File: BG060817.D

Acq: 6 Apr 2024 18:56

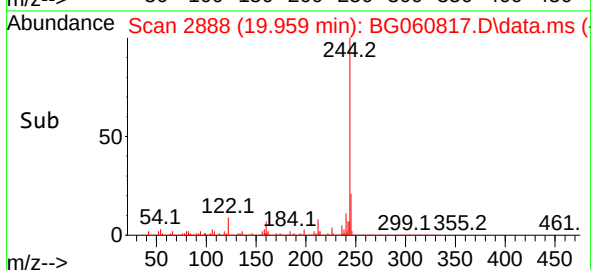
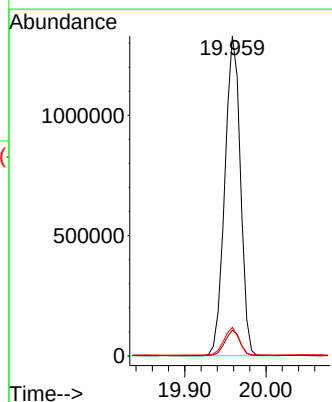
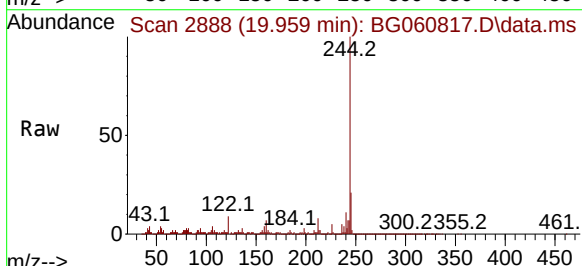
Tgt Ion:244 Resp: 1778146

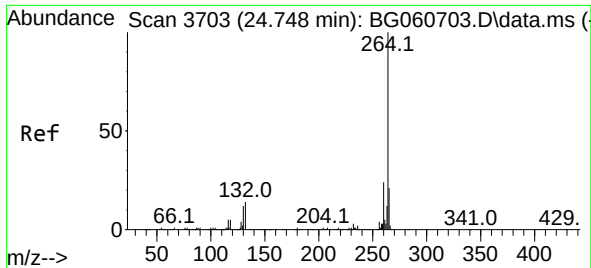
Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

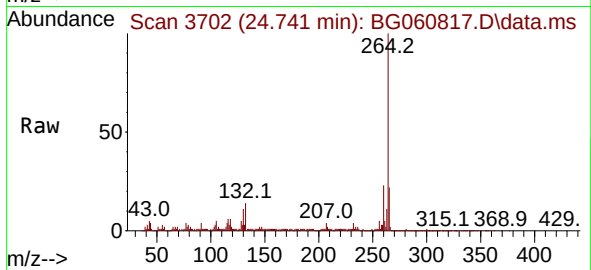
122 8.9 7.8 11.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.741 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG060817.D
Acq: 6 Apr 2024 18:56

Instrument :
BNA_G
ClientSampleId :
60152



Tgt Ion:264 Resp: 498271
Ion Ratio Lower Upper
264 100
260 23.5 19.5 29.3
265 22.0 16.9 25.3

