

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040624\
 Data File : BG060818.D
 Acq On : 6 Apr 2024 19:37
 Operator : MA/JU
 Sample : P2000-05 20X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 60153

Quant Time: Apr 08 02:10:26 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)

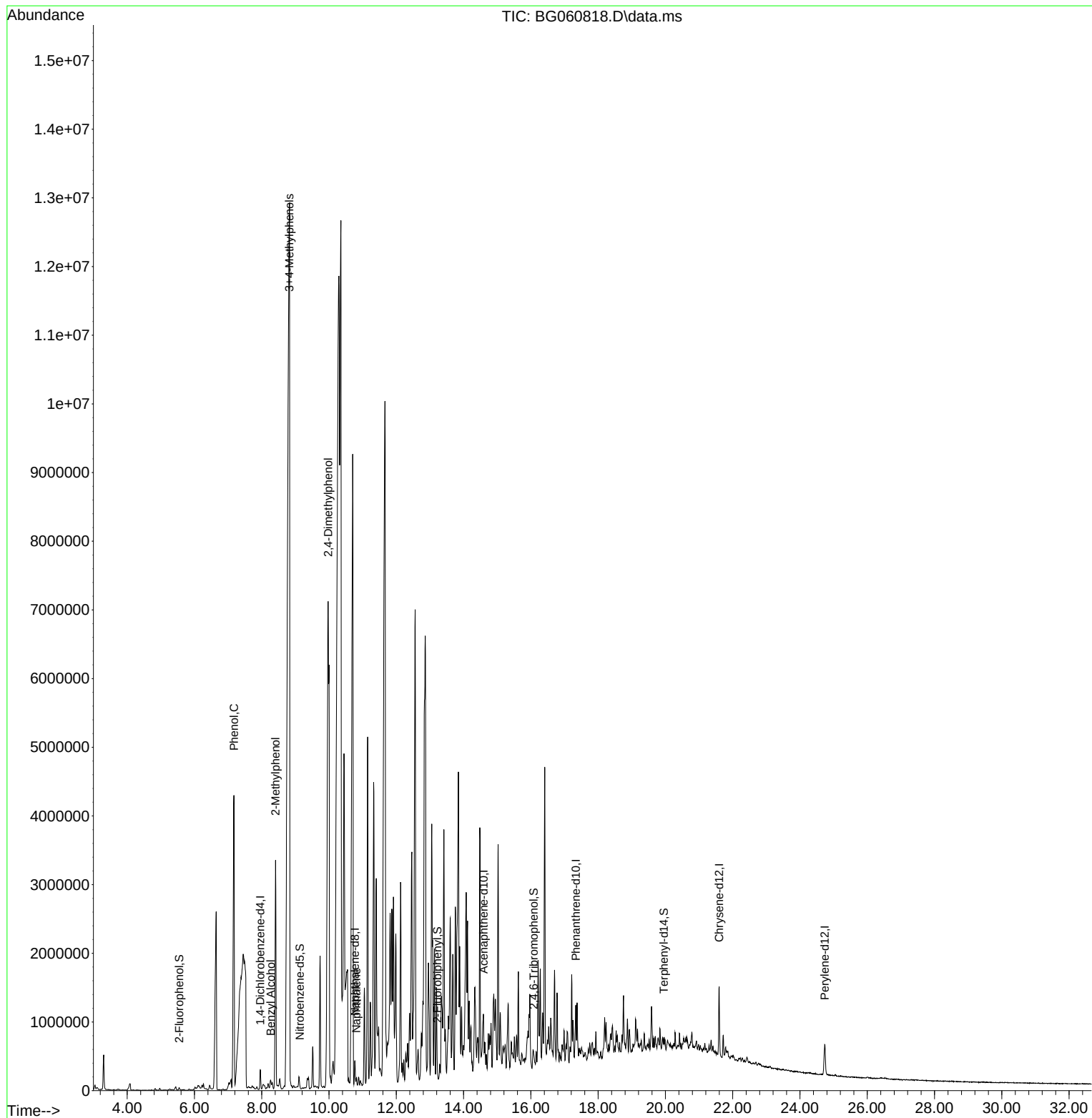
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.953	152	79426	20.000	ng	0.00
21) Naphthalene-d8	10.767	136	305987	20.000	ng	0.00
39) Acenaphthene-d10	14.592	164	212033	20.000	ng	0.00
64) Phenanthrene-d10	17.336	188	453924	20.000	ng	0.00
76) Chrysene-d12	21.596	240	436325	20.000	ng	0.00
86) Perylene-d12	24.733	264	528243	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.544	112	11202	2.350	ng	0.00
7) Phenol-d6	7.131	99	12066	1.705	ng	0.02
23) Nitrobenzene-d5	9.128	82	20518	3.826	ng	0.02
42) 2,4,6-Tribromophenol	16.085	330	14814	6.155	ng	0.00
45) 2-Fluorobiphenyl	13.218	172	47639	3.297	ng	0.00
79) Terphenyl-d14	19.951	244	75017	3.027	ng	-0.01
Target Compounds						
						Qvalue
10) Phenol	7.172	94	2598606	359.783	ng	90
15) Benzyl Alcohol	8.265	79	61400	10.710	ng	99
17) 2-Methylphenol	8.411	107	1023036	187.625	ng	97
20) 3+4-Methylphenols	8.817	107	10902254	1460.143	ng	# 73
27) 2,4-Dimethylphenol	9.974	122	4306234	867.945	ng	100
31) Naphthalene	10.814	128	43120	2.605	ng	# 84

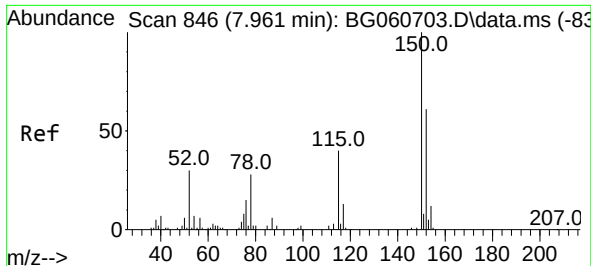
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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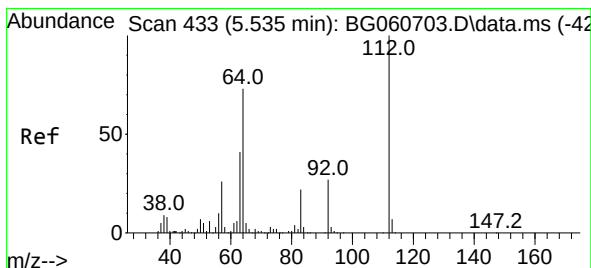
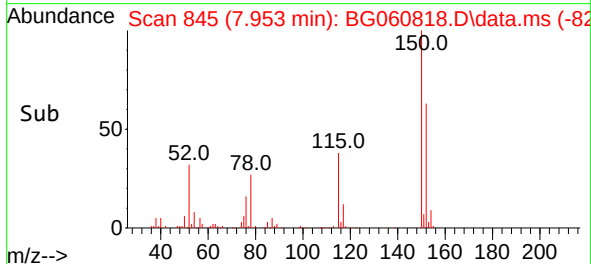
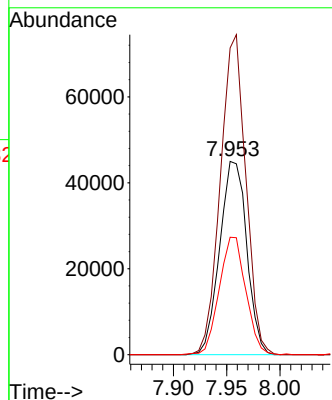
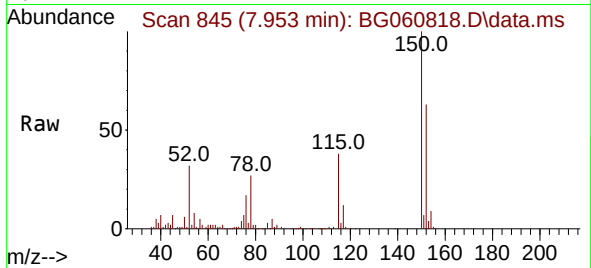




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.953 min Scan# 846
Delta R.T. -0.008 min
Lab File: BG060818.D
Acq: 6 Apr 2024 19:37

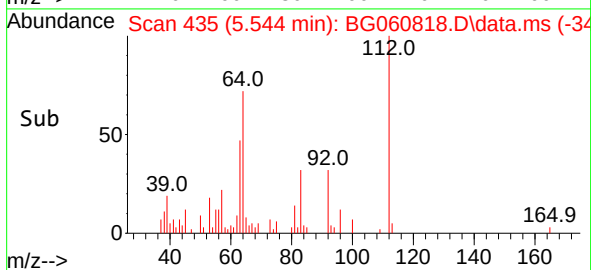
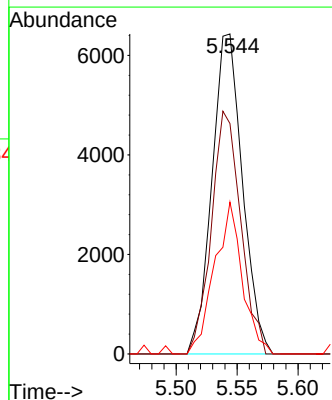
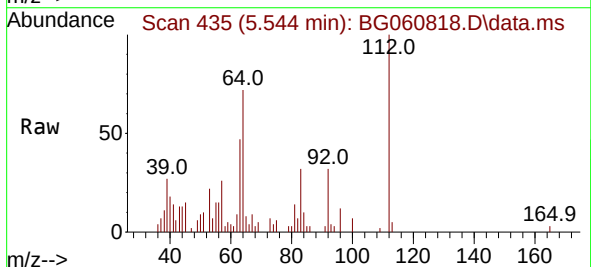
Instrument :
BNA_G
ClientSampleId :
60153

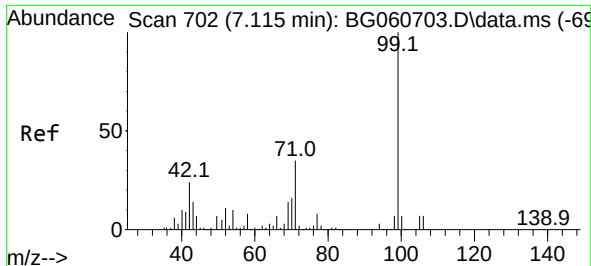
Tgt Ion:152 Resp: 79426
Ion Ratio Lower Upper
152 100
150 158.6 130.2 195.4
115 60.7 51.6 77.4



#5
2-Fluorophenol
Concen: 2.350 ng
RT: 5.544 min Scan# 435
Delta R.T. 0.009 min
Lab File: BG060818.D
Acq: 6 Apr 2024 19:37

Tgt Ion:112 Resp: 11202
Ion Ratio Lower Upper
112 100
64 72.0 58.4 87.6
63 47.5 32.7 49.1

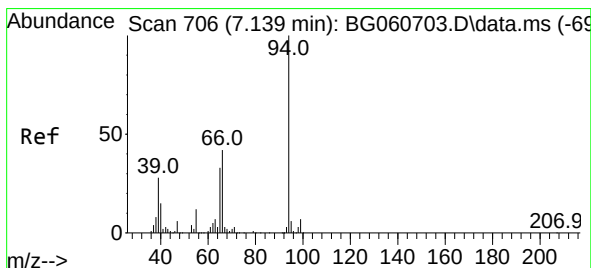
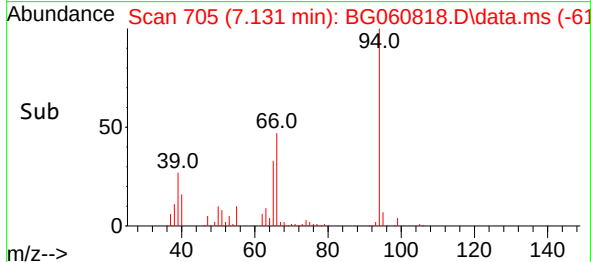
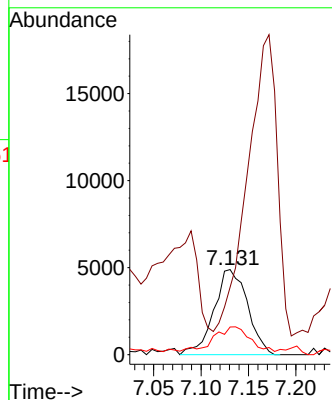
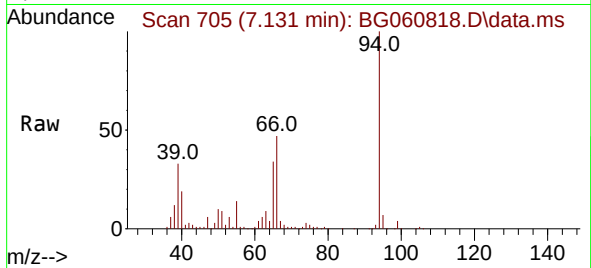




#7
Phenol-d6
Concen: 1.705 ng
RT: 7.131 min Scan# 705
Delta R.T. 0.015 min
Lab File: BG060818.D
Acq: 6 Apr 2024 19:37

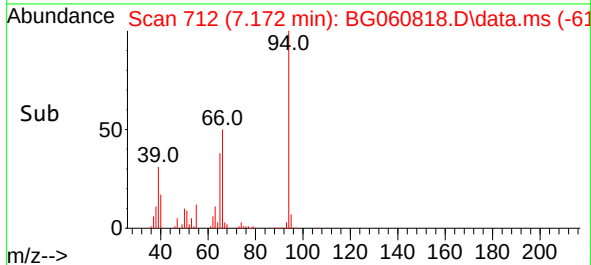
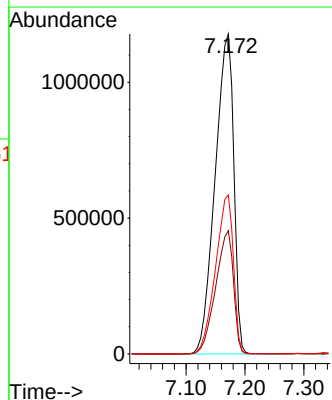
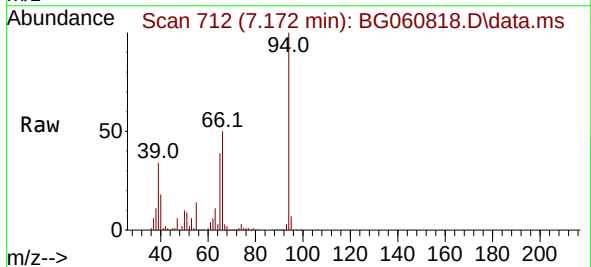
Instrument :
BNA_G
ClientSampleId :
60153

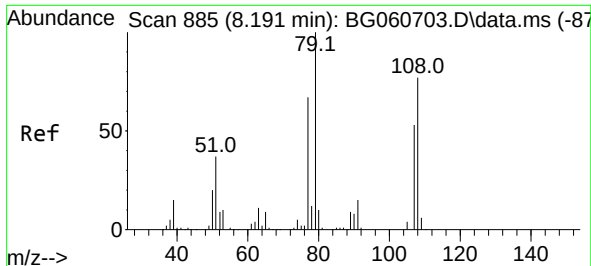
Tgt Ion: 99 Resp: 12066
Ion Ratio Lower Upper
99 100
42 79.3 19.4 29.2#
71 32.4 28.2 42.2



#10
Phenol
Concen: 359.783 ng
RT: 7.172 min Scan# 712
Delta R.T. 0.033 min
Lab File: BG060818.D
Acq: 6 Apr 2024 19:37

Tgt Ion: 94 Resp: 2598606
Ion Ratio Lower Upper
94 100
65 38.6 13.3 53.3
66 49.7 22.9 62.9

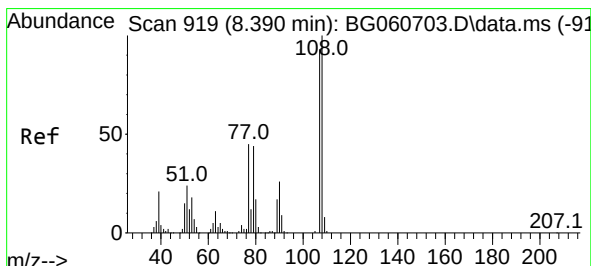
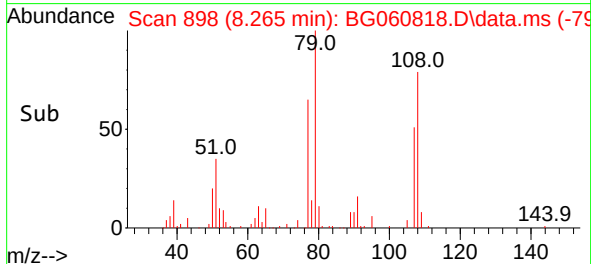
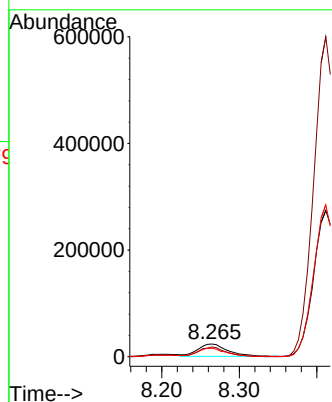
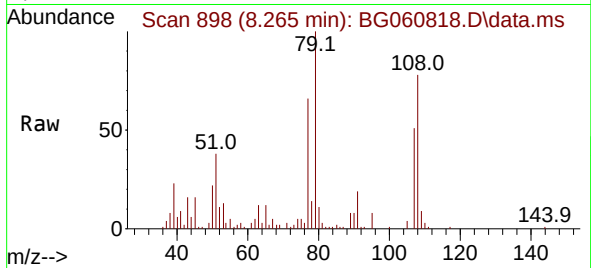




#15
Benzyl Alcohol
Concen: 10.710 ng
RT: 8.265 min Scan# 898
Delta R.T. 0.074 min
Lab File: BG060818.D
Acq: 6 Apr 2024 19:37

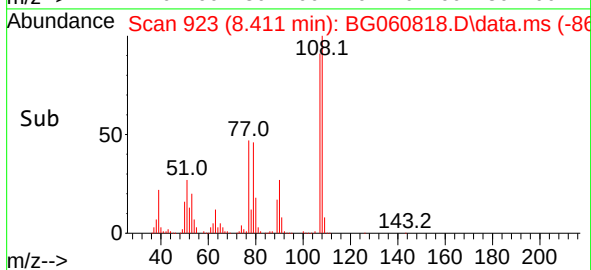
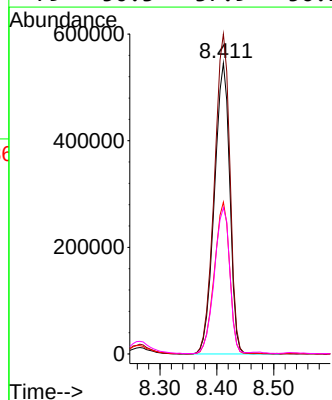
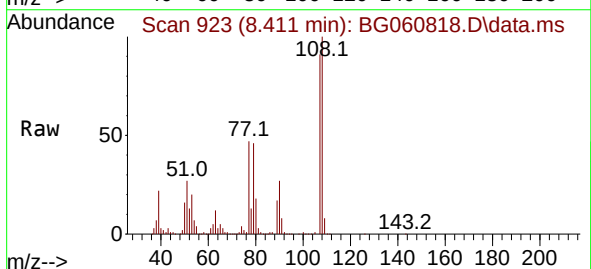
Instrument :
BNA_G
ClientSampleId :
60153

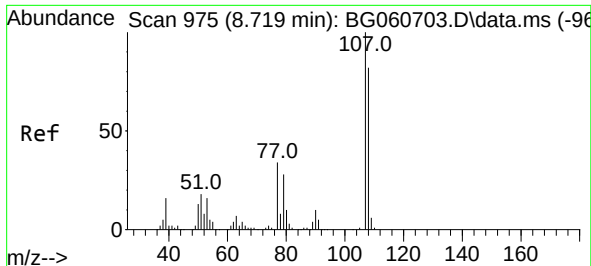
Tgt Ion: 79 Resp: 61400
Ion Ratio Lower Upper
79 100
108 77.7 61.4 92.0
77 66.5 53.6 80.4



#17
2-Methylphenol
Concen: 187.625 ng
RT: 8.411 min Scan# 923
Delta R.T. 0.021 min
Lab File: BG060818.D
Acq: 6 Apr 2024 19:37

Tgt Ion:107 Resp: 1023036
Ion Ratio Lower Upper
107 100
108 110.0 86.4 129.6
77 52.2 38.6 58.0
79 50.3 37.9 56.9

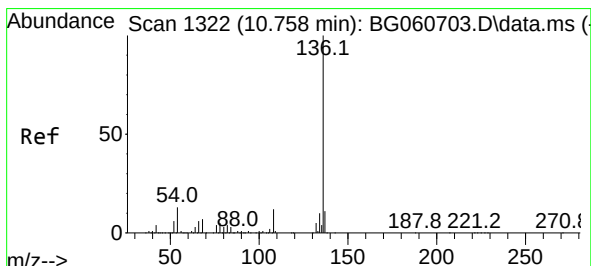
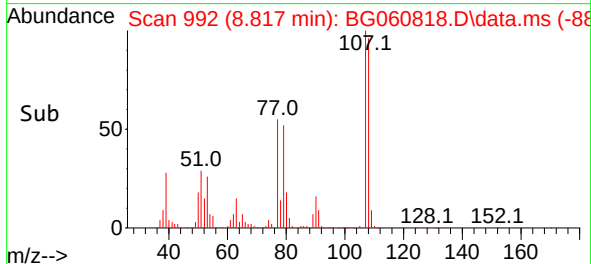
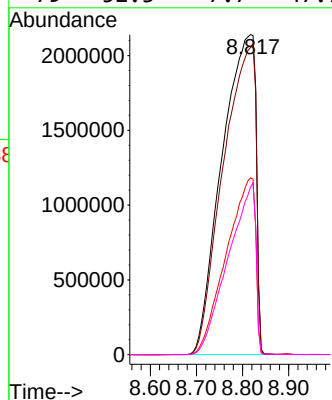
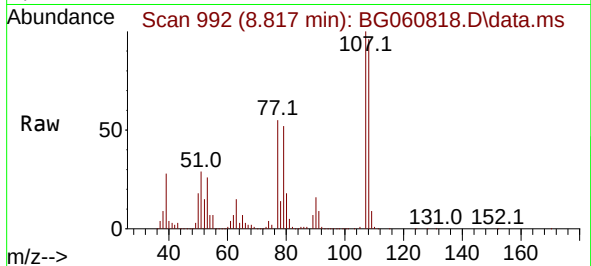




#20
3+4-Methylphenols
Concen: 1460.143 ng
RT: 8.817 min Scan# 91
Delta R.T. 0.097 min
Lab File: BG060818.D
Acq: 6 Apr 2024 19:37

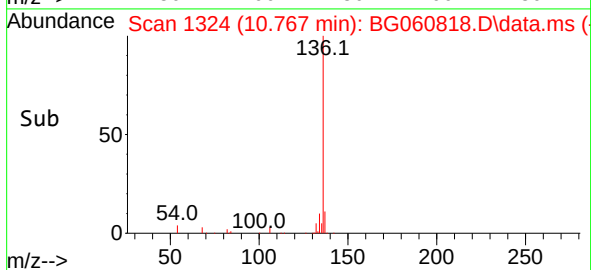
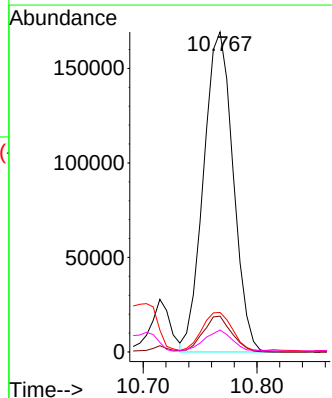
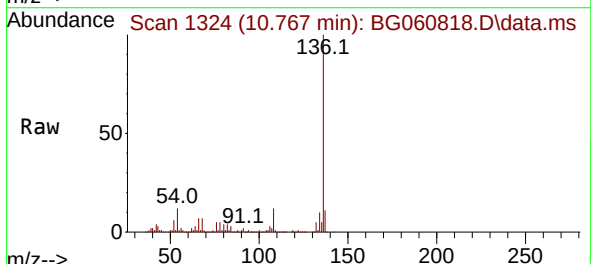
Instrument :
BNA_G
ClientSampleId :
60153

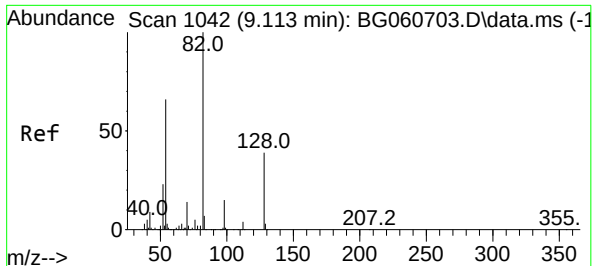
Tgt Ion:107 Resp:10902254
Ion Ratio Lower Upper
107 100
108 95.9 62.2 102.2
77 55.3 14.1 54.1#
79 52.3 7.7 47.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.767 min Scan# 1324
Delta R.T. 0.009 min
Lab File: BG060818.D
Acq: 6 Apr 2024 19:37

Tgt Ion:136 Resp: 305987
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 12.3 10.2 15.2
68 6.9 5.2 7.8





#23

Nitrobenzene-d5

Concen: 3.826 ng

RT: 9.128 min Scan# 1042

Delta R.T. 0.015 min

Lab File: BG060818.D

Acq: 6 Apr 2024 19:37

Instrument :

BNA_G

ClientSampleId :

60153

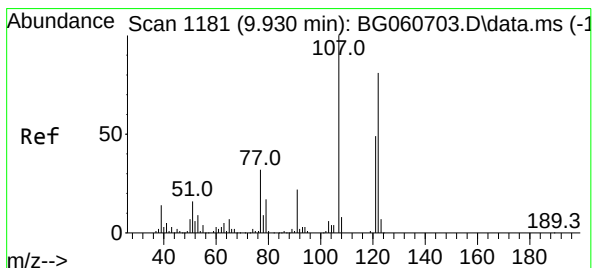
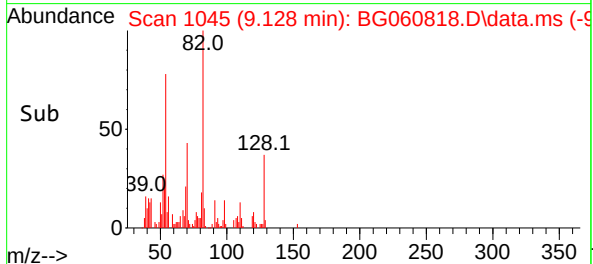
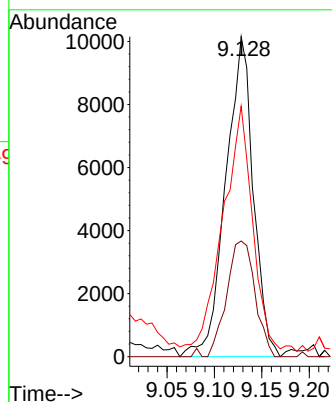
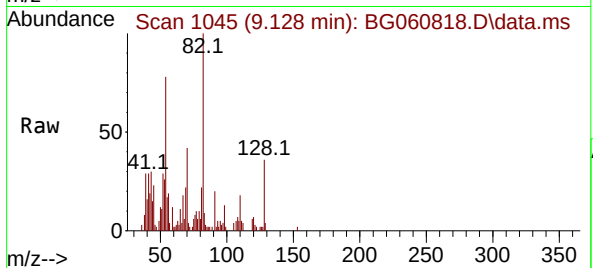
Tgt Ion: 82 Resp: 20518

Ion Ratio Lower Upper

82 100

128 36.2 31.2 46.8

54 78.3 53.2 79.8



#27

2,4-Dimethylphenol

Concen: 867.945 ng

RT: 9.974 min Scan# 1189

Delta R.T. 0.044 min

Lab File: BG060818.D

Acq: 6 Apr 2024 19:37

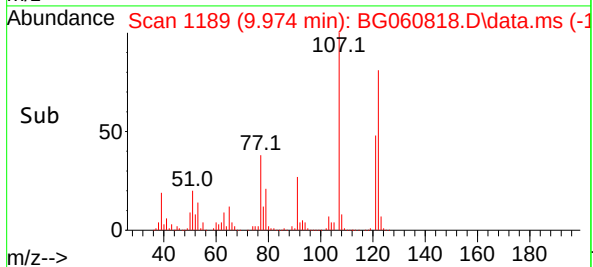
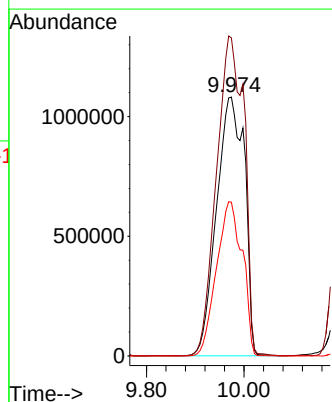
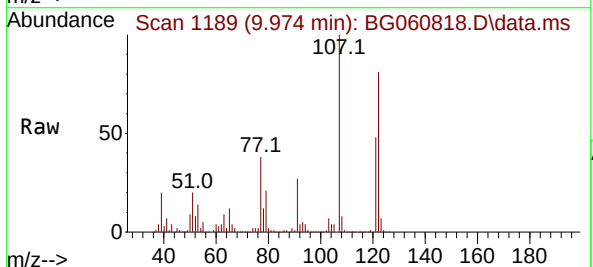
Tgt Ion:122 Resp: 4306234

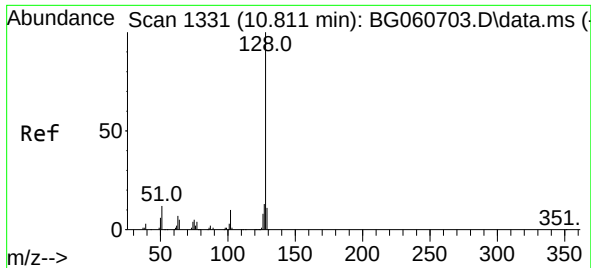
Ion Ratio Lower Upper

122 100

107 122.9 98.6 147.8

121 59.4 48.1 72.1

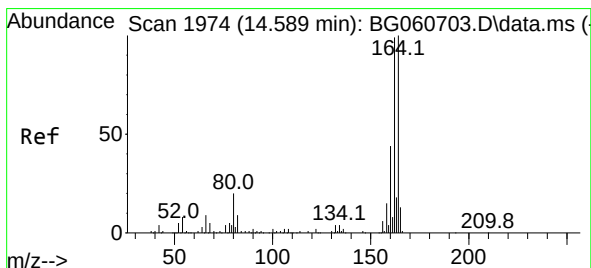
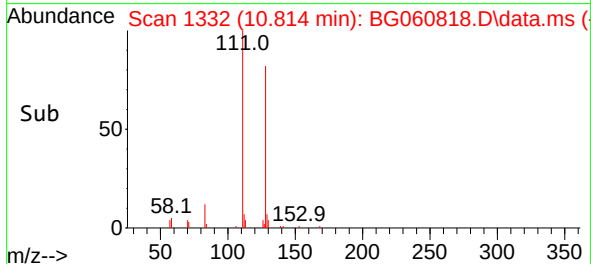
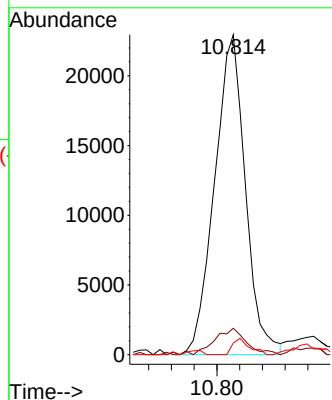
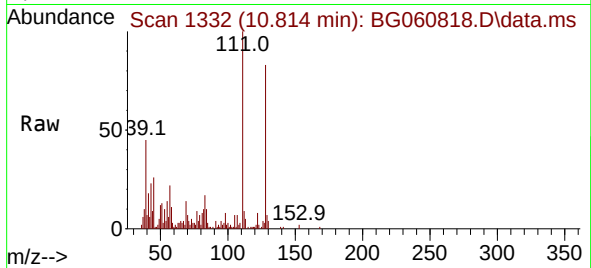




#31
Naphthalene
Concen: 2.605 ng
RT: 10.814 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG060818.D
Acq: 6 Apr 2024 19:37

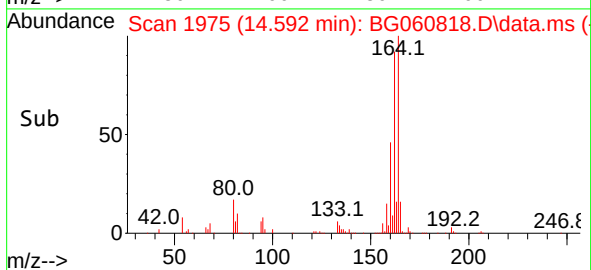
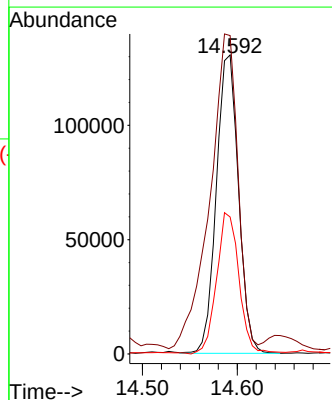
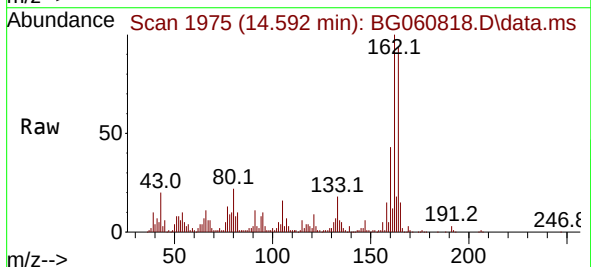
Instrument :
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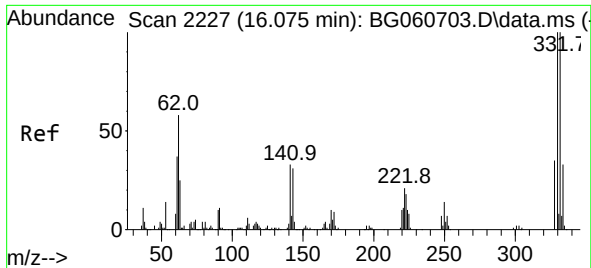
Tgt Ion:128 Resp: 43120
Ion Ratio Lower Upper
128 100
129 8.2 8.5 12.7#
127 3.6 10.5 15.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.592 min Scan# 1975
Delta R.T. 0.003 min
Lab File: BG060818.D
Acq: 6 Apr 2024 19:37

Tgt Ion:164 Resp: 212033
Ion Ratio Lower Upper
164 100
162 106.5 79.5 119.3
160 45.8 35.4 53.0

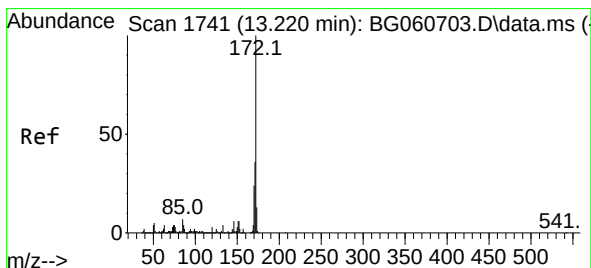
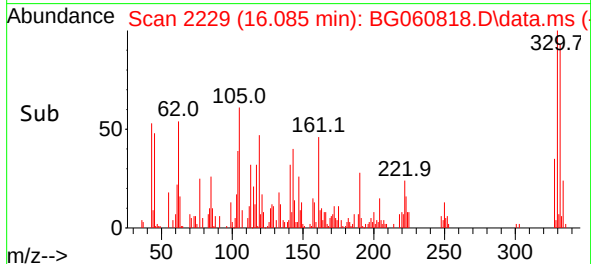
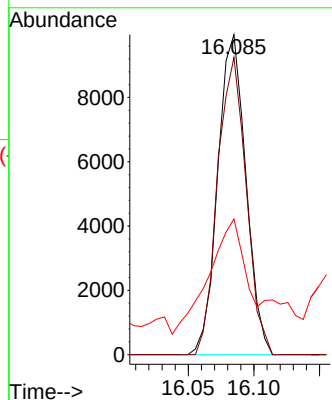
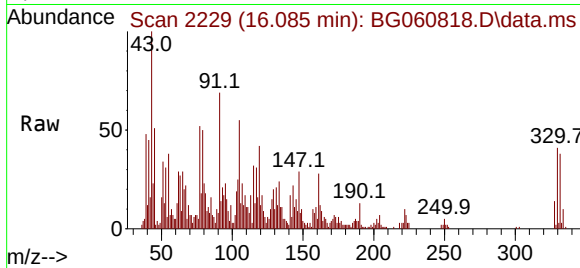




#42
2,4,6-Tribromophenol
Concen: 6.155 ng
RT: 16.085 min Scan# 21
Delta R.T. 0.009 min
Lab File: BG060818.D
Acq: 6 Apr 2024 19:37

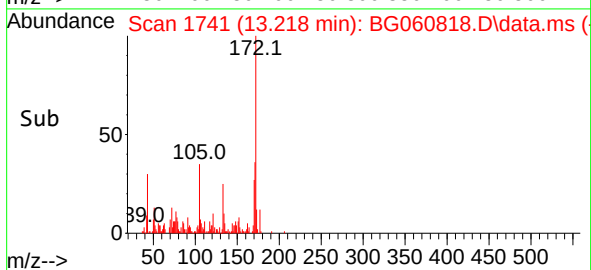
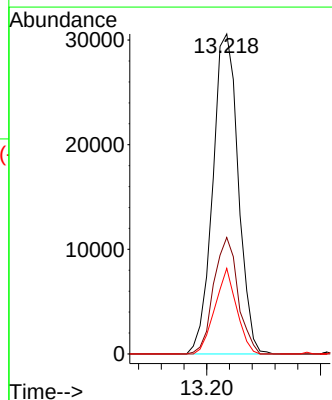
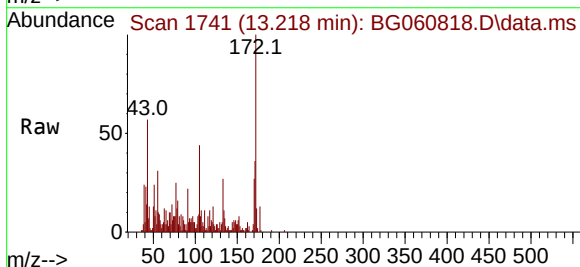
Instrument :
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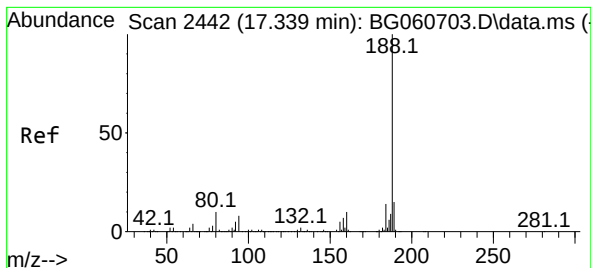
Tgt Ion:330 Resp: 14814
Ion Ratio Lower Upper
330 100
332 94.4 78.2 117.4
141 49.0 27.0 40.6#



#45
2-Fluorobiphenyl
Concen: 3.297 ng
RT: 13.218 min Scan# 1741
Delta R.T. -0.002 min
Lab File: BG060818.D
Acq: 6 Apr 2024 19:37

Tgt Ion:172 Resp: 47639
Ion Ratio Lower Upper
172 100
171 36.4 28.7 43.1
170 26.8 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.336 min Scan# 2442

Delta R.T. -0.002 min

Lab File: BG060818.D

Acq: 6 Apr 2024 19:37

Instrument :

BNA_G

ClientSampleId :

60153

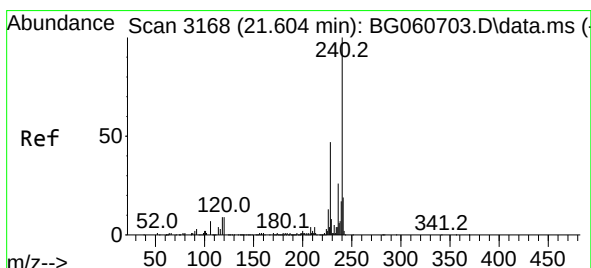
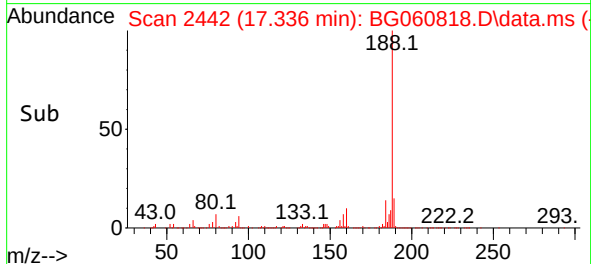
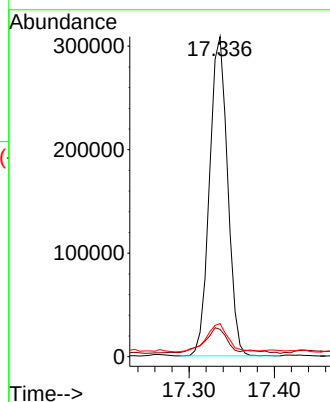
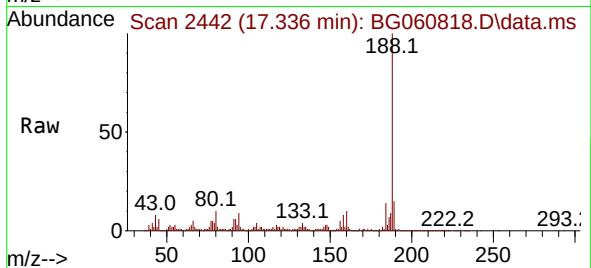
Tgt Ion:188 Resp: 453924

Ion Ratio Lower Upper

188 100

94 8.5 6.6 9.8

80 10.3 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.596 min Scan# 3167

Delta R.T. -0.008 min

Lab File: BG060818.D

Acq: 6 Apr 2024 19:37

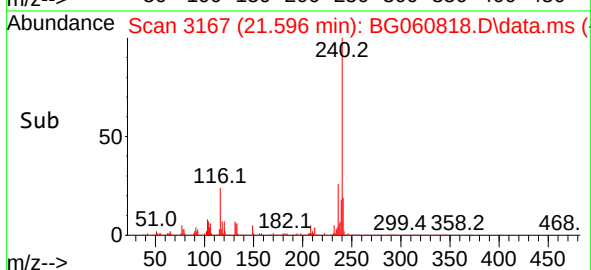
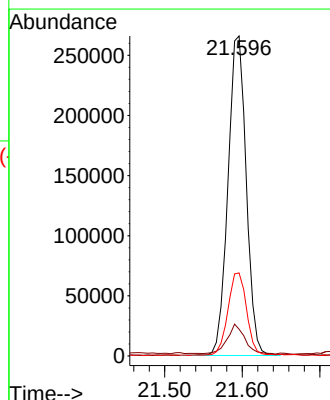
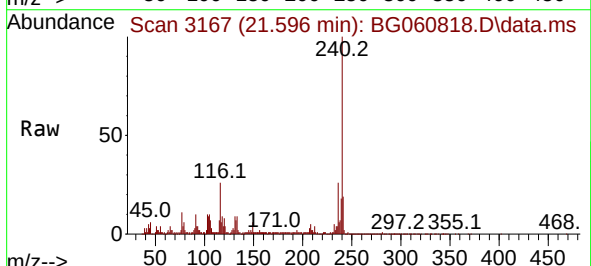
Tgt Ion:240 Resp: 436325

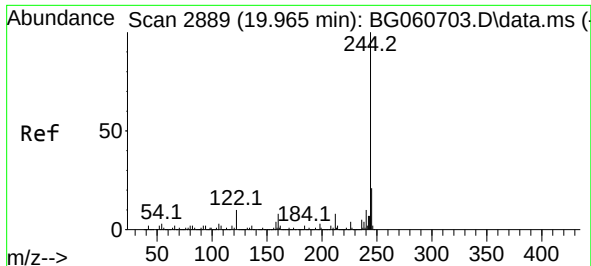
Ion Ratio Lower Upper

240 100

120 8.4 7.1 10.7

236 25.9 20.7 31.1

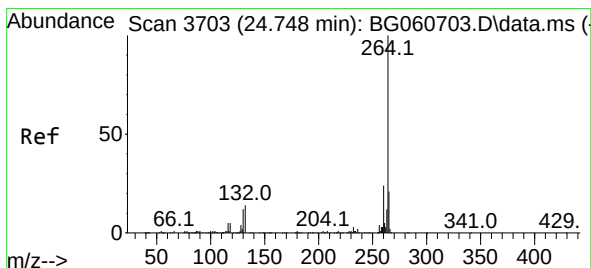
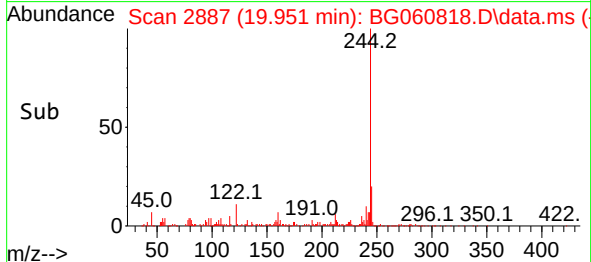
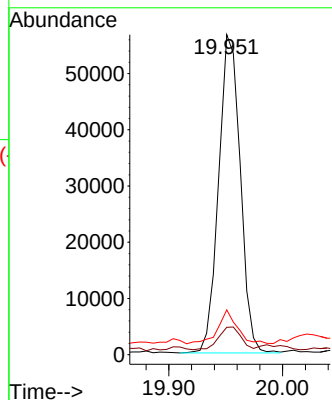
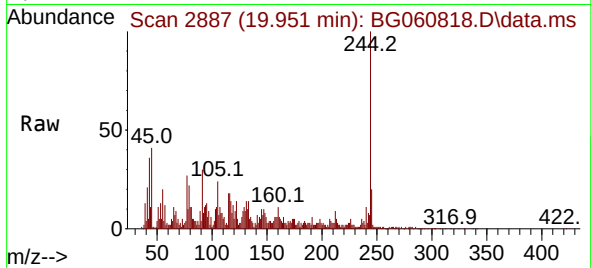




#79
Terphenyl-d14
Concen: 3.027 ng
RT: 19.951 min Scan# 21
Delta R.T. -0.014 min
Lab File: BG060818.D
Acq: 6 Apr 2024 19:37

Instrument :
BNA_G
ClientSampleId :
60153

Tgt Ion:244 Resp: 75017
Ion Ratio Lower Upper
244 100
212 8.6 6.2 9.2
122 14.0 7.8 11.8#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.733 min Scan# 3701
Delta R.T. -0.014 min
Lab File: BG060818.D
Acq: 6 Apr 2024 19:37

Tgt Ion:264 Resp: 528243
Ion Ratio Lower Upper
264 100
260 25.3 19.5 29.3
265 21.4 16.9 25.3

