

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022224\
 Data File : BP019835.D
 Acq On : 22 Feb 2024 21:12
 Operator : MA/JU
 Sample : P1521-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CG-MW-17-CH3

Quant Time: Feb 23 00:59:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 19 23:35:42 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

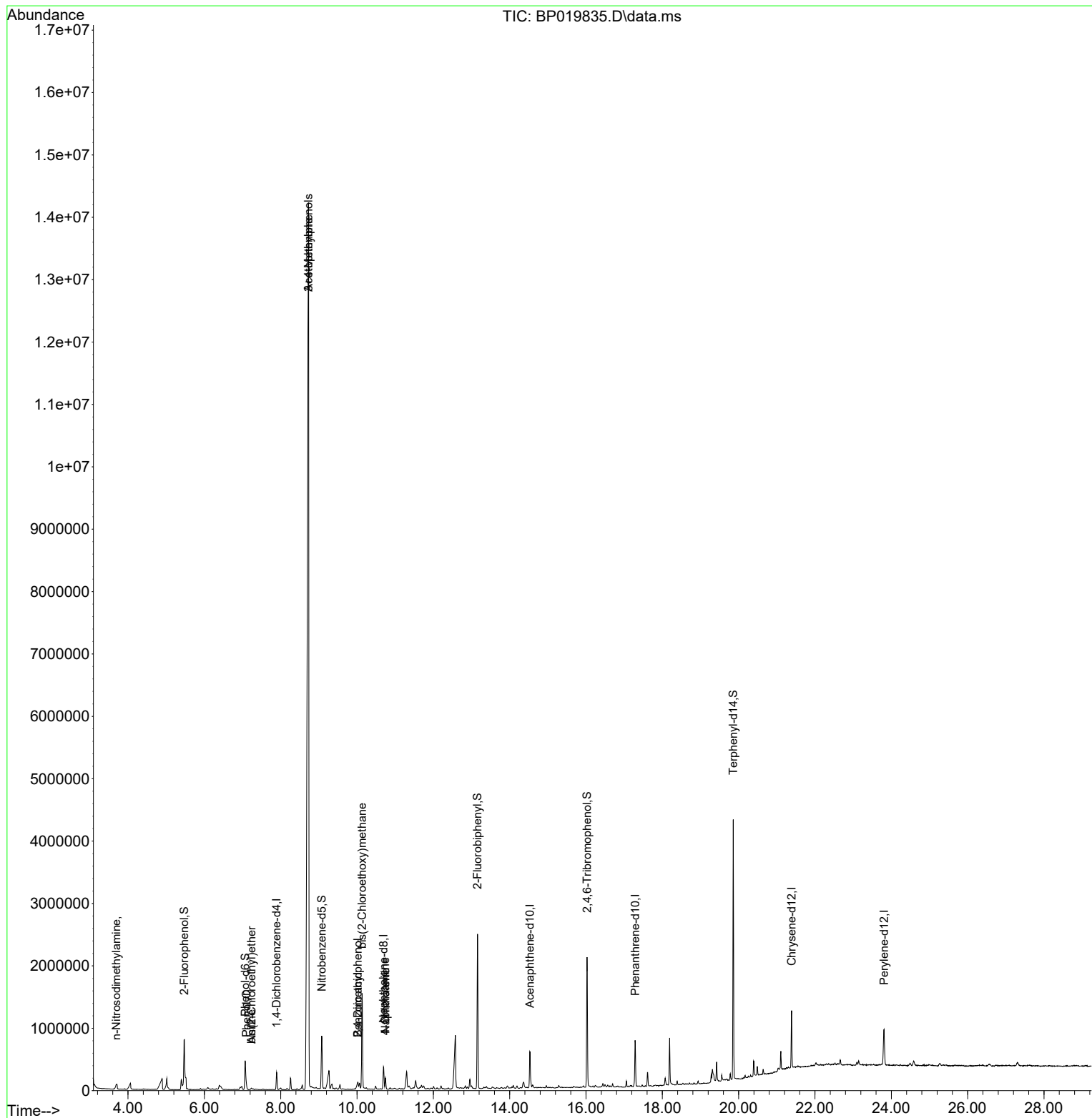
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	78268	20.000	ng	0.00
21) Naphthalene-d8	10.693	136	293559	20.000	ng	0.00
39) Acenaphthene-d10	14.534	164	209134	20.000	ng	0.00
64) Phenanthrene-d10	17.286	188	479189	20.000	ng	0.00
76) Chrysene-d12	21.386	240	463626	20.000	ng	0.00
86) Perylene-d12	23.810	264	519174	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	307902	63.412	ng	0.00
7) Phenol-d6	7.069	99	270254	41.279	ng	0.00
23) Nitrobenzene-d5	9.075	82	540227	79.741	ng	0.00
42) 2,4,6-Tribromophenol	16.028	330	454480	148.839	ng	0.00
45) 2-Fluorobiphenyl	13.157	172	1299189	76.797	ng	0.00
79) Terphenyl-d14	19.857	244	2063138	73.182	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.693	42	8386	3.798	ng	# 1
6) Aniline	7.234	93	18883	2.968	ng	94
10) Phenol	7.099	94	51560	7.902	ng	95
11) bis(2-Chloroethyl)ether	7.234	93	18883	3.720	ng	# 29
20) 3+4-Methylphenols	8.728	107	11386978	1899.242	ng	89
22) Acetophenone	8.728	105	108529	12.977	ng	# 1
27) 2,4-Dimethylphenol	10.022	122	55933	16.818	ng	# 1
28) bis(2-Chloroethoxy)met...	10.134	93	16521	2.475	ng	# 1
31) Naphthalene	10.746	128	142249	8.835	ng	97
32) Benzoic acid	10.022	122	55933	17.262	ng	97
33) 4-Chloroaniline	10.740	127	19382	3.255	ng	# 38

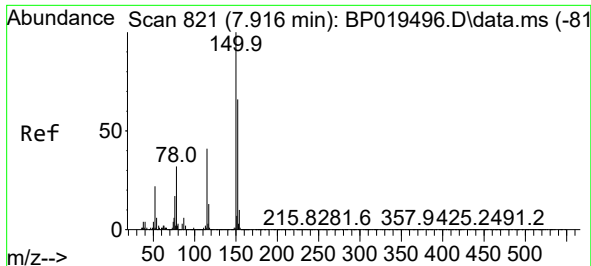
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022224\
Data File : BP019835.D
Acq On : 22 Feb 2024 21:12
Operator : MA/JU
Sample : P1521-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CG-MW-17-CH3

Quant Time: Feb 23 00:59:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 19 23:35:42 2024
Response via : Initial Calibration

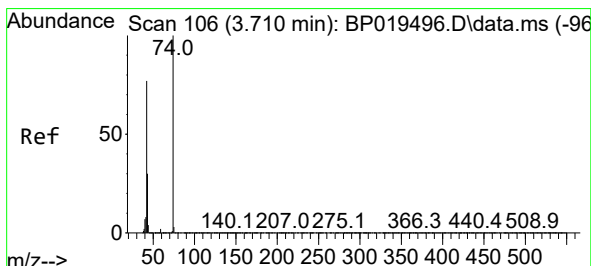
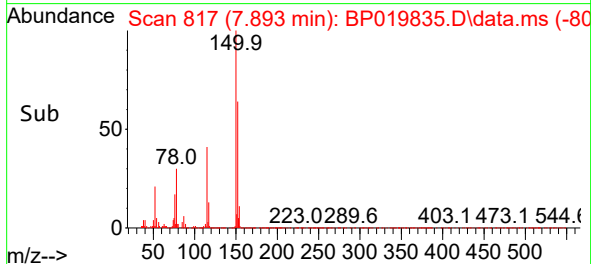
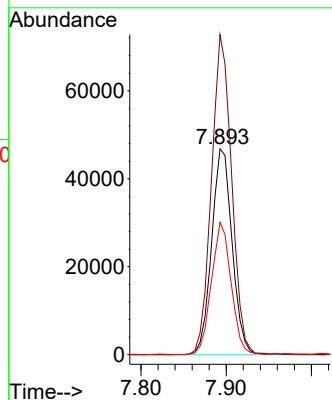
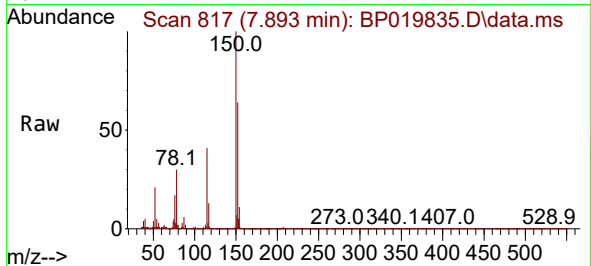




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.893 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019835.D
Acq: 22 Feb 2024 21:12

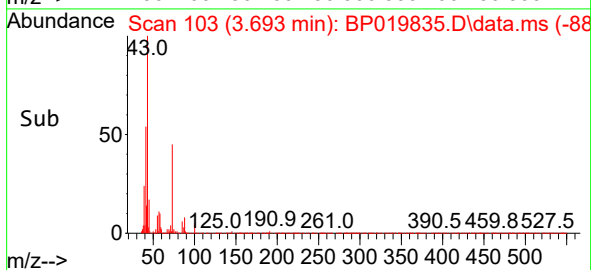
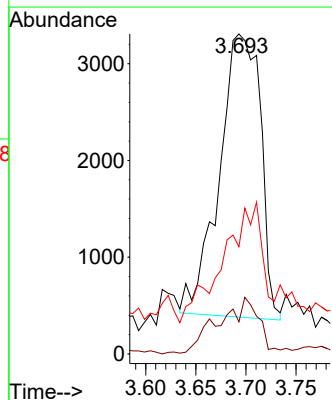
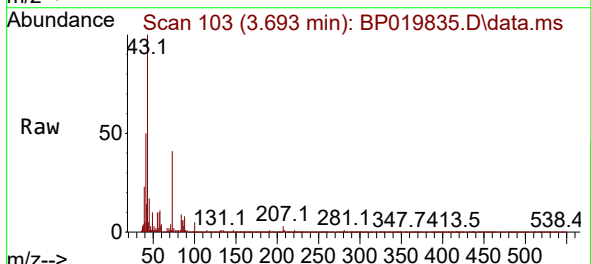
Instrument :
BNA_P
ClientSampleId :
CG-MW-17-CH3

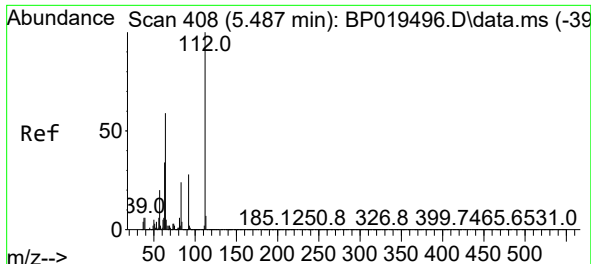
Tgt Ion:152 Resp: 78268
Ion Ratio Lower Upper
152 100
150 155.5 121.8 182.8
115 64.3 49.9 74.9



#4
n-Nitrosodimethylamine
Concen: 3.798 ng
RT: 3.693 min Scan# 103
Delta R.T. -0.012 min
Lab File: BP019835.D
Acq: 22 Feb 2024 21:12

Tgt Ion: 42 Resp: 8386
Ion Ratio Lower Upper
42 100
74 10.0 103.4 155.2#
44 33.5 4.8 7.2#

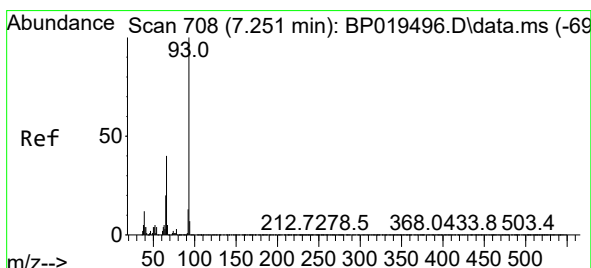
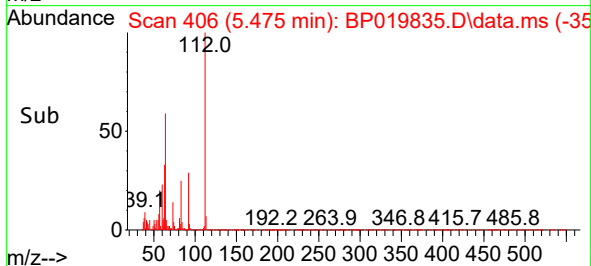
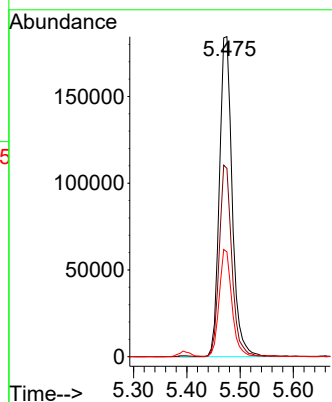
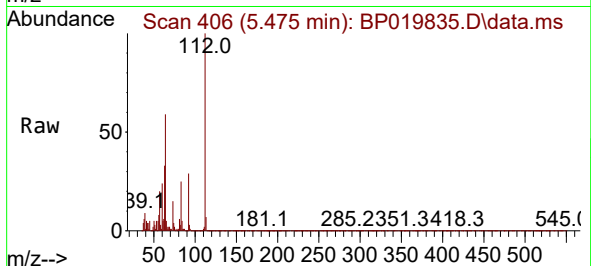




#5
2-Fluorophenol
Concen: 63.412 ng
RT: 5.475 min Scan# 408
Delta R.T. -0.000 min
Lab File: BP019835.D
Acq: 22 Feb 2024 21:12

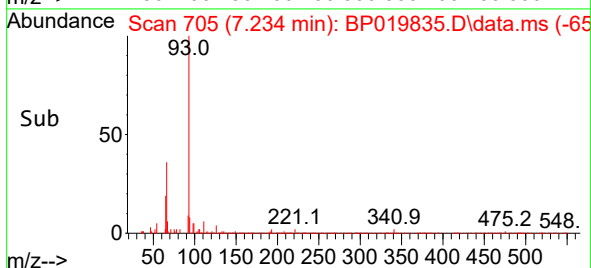
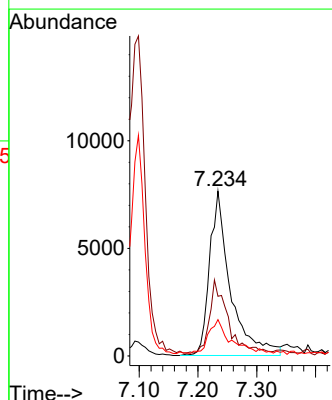
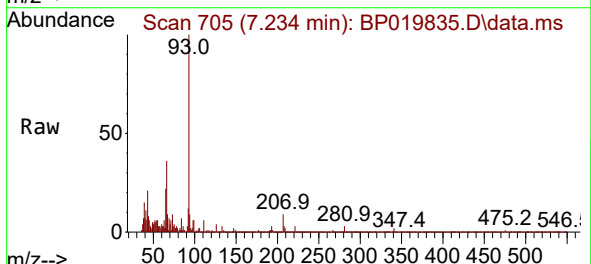
Instrument :
BNA_P
ClientSampleId :
CG-MW-17-CH3

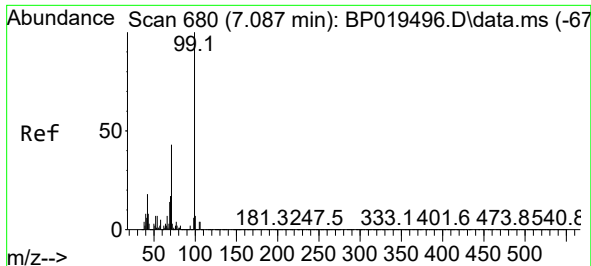
Tgt Ion:112 Resp: 307902
Ion Ratio Lower Upper
112 100
64 58.8 47.4 71.0
63 32.7 27.0 40.6



#6
Aniline
Concen: 2.968 ng
RT: 7.234 min Scan# 705
Delta R.T. -0.000 min
Lab File: BP019835.D
Acq: 22 Feb 2024 21:12

Tgt Ion: 93 Resp: 18883
Ion Ratio Lower Upper
93 100
66 36.2 32.3 48.5
65 22.1 16.4 24.6

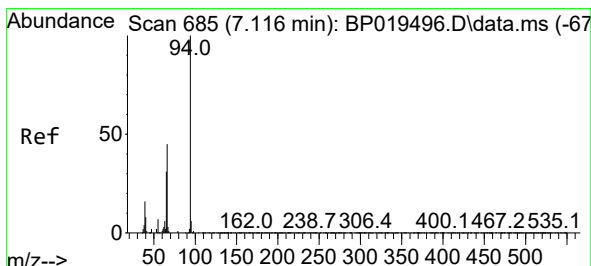
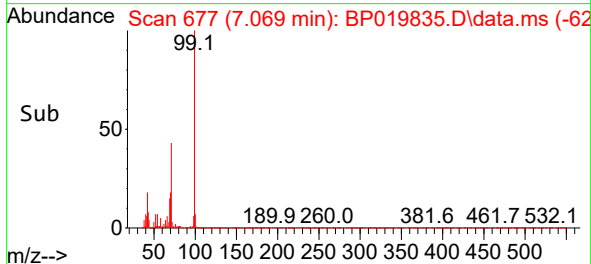
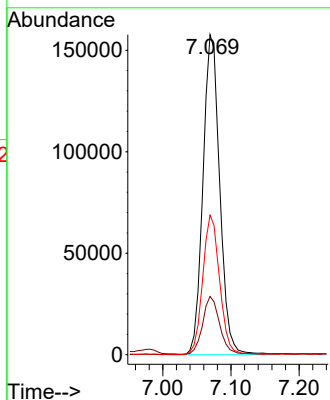
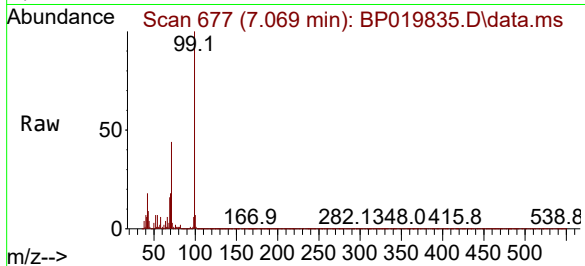




#7
Phenol-d6
Concen: 41.279 ng
RT: 7.069 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP019835.D
Acq: 22 Feb 2024 21:12

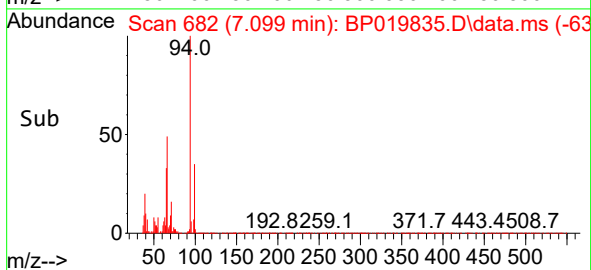
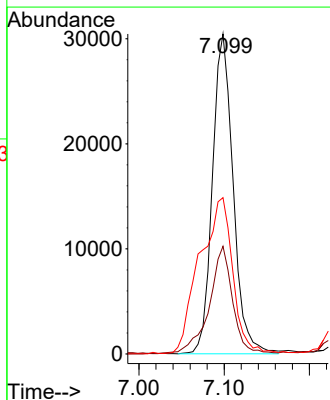
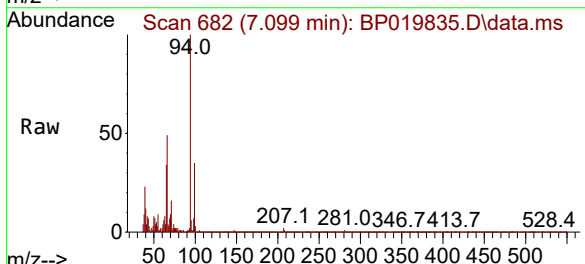
Instrument :
BNA_P
ClientSampleId :
CG-MW-17-CH3

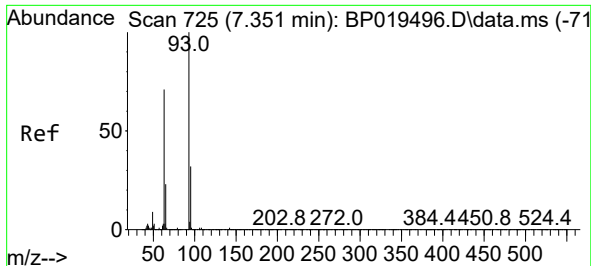
Tgt Ion: 99 Resp: 270254
Ion Ratio Lower Upper
99 100
42 18.2 14.7 22.1
71 43.6 34.8 52.2



#10
Phenol
Concen: 7.902 ng
RT: 7.099 min Scan# 682
Delta R.T. -0.000 min
Lab File: BP019835.D
Acq: 22 Feb 2024 21:12

Tgt Ion: 94 Resp: 51560
Ion Ratio Lower Upper
94 100
65 33.7 11.3 51.3
66 48.8 25.1 65.1

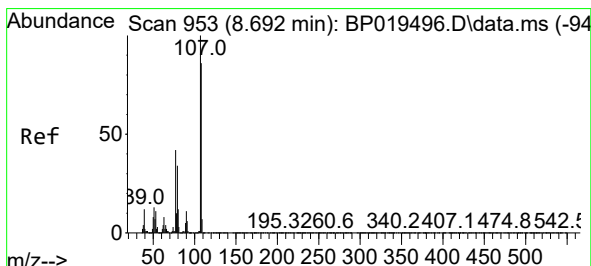
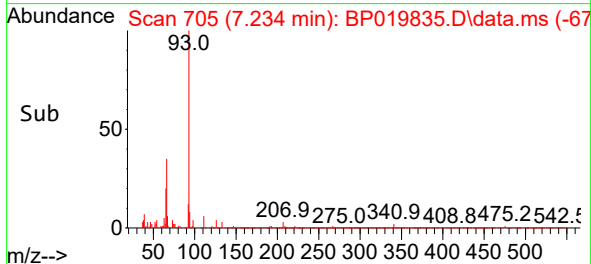
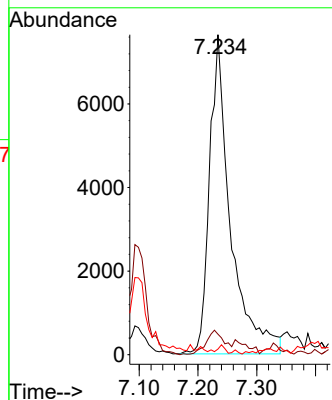
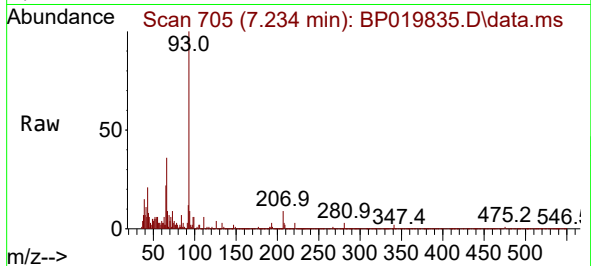




#11
bis(2-Chloroethyl)ether
Concen: 3.720 ng
RT: 7.234 min Scan# 705
Delta R.T. -0.106 min
Lab File: BP019835.D
Acq: 22 Feb 2024 21:12

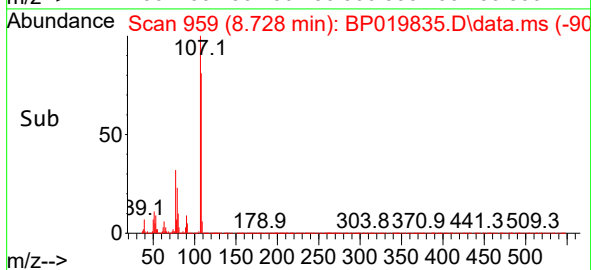
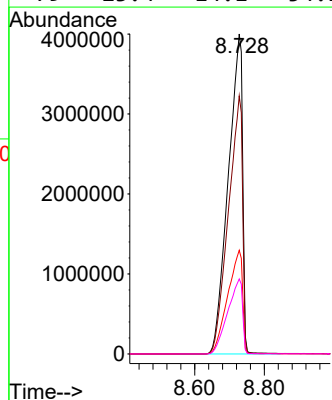
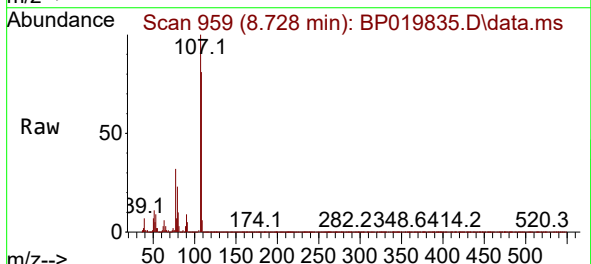
Instrument :
BNA_P
ClientSampleId :
CG-MW-17-CH3

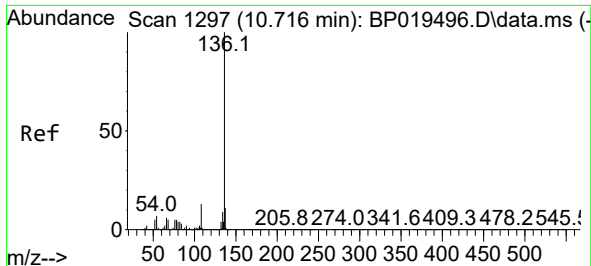
Tgt Ion: 93 Resp: 18883
Ion Ratio Lower Upper
93 100
63 6.4 51.2 91.2#
95 1.8 11.8 51.8#



#20
3+4-Methylphenols
Concen: 1899.242 ng
RT: 8.728 min Scan# 959
Delta R.T. 0.047 min
Lab File: BP019835.D
Acq: 22 Feb 2024 21:12

Tgt Ion:107 Resp:11386978
Ion Ratio Lower Upper
107 100
108 80.6 65.5 105.5
77 32.4 21.8 61.8
79 23.4 14.1 54.1

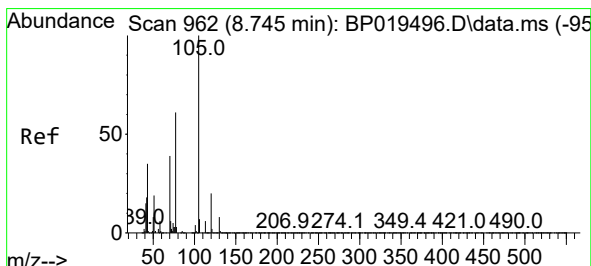
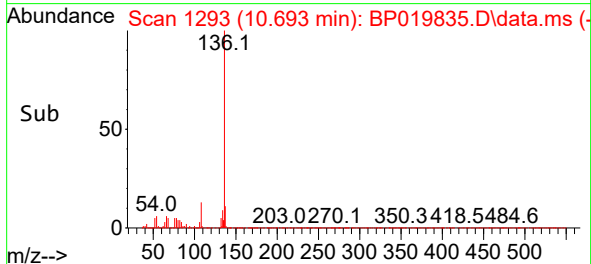
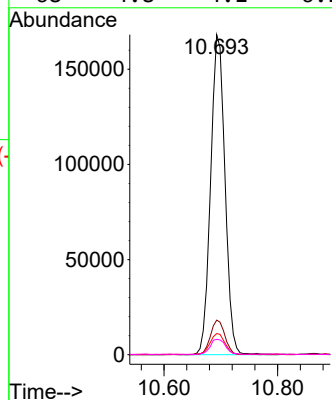
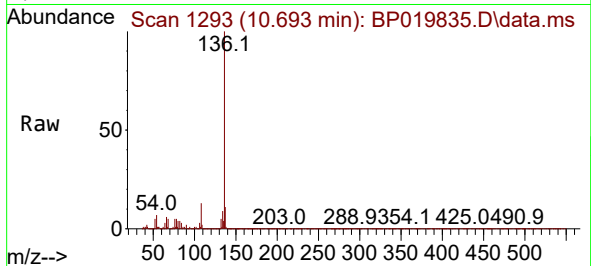




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.693 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP019835.D
Acq: 22 Feb 2024 21:12

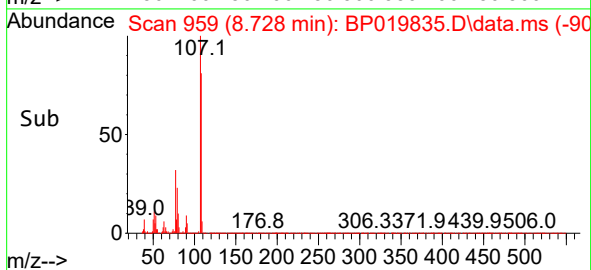
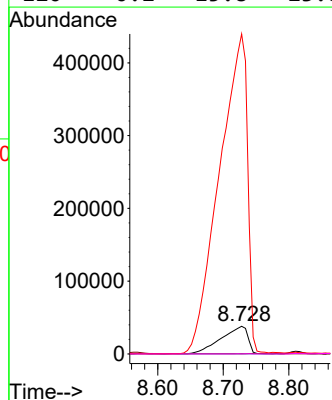
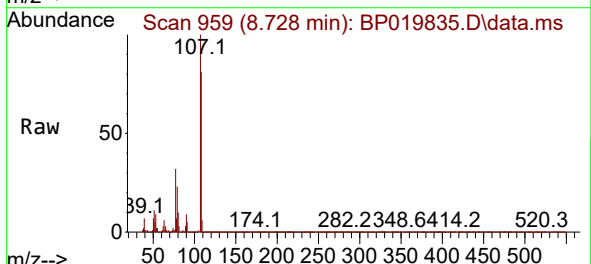
Instrument :
BNA_P
ClientSampleId :
CG-MW-17-CH3

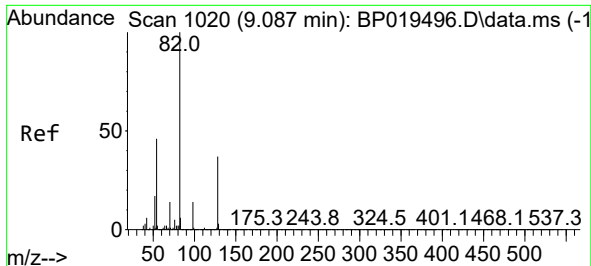
Tgt Ion:136 Resp: 293559
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.6 5.3 7.9
68 4.8 4.1 6.1



#22
Acetophenone
Concen: 12.977 ng
RT: 8.728 min Scan# 959
Delta R.T. -0.006 min
Lab File: BP019835.D
Acq: 22 Feb 2024 21:12

Tgt Ion:105 Resp: 108529
Ion Ratio Lower Upper
105 100
71 0.8 4.9 7.3#
51 1157.1 20.7 31.1#
120 0.2 15.8 23.8#





#23

Nitrobenzene-d5

Concen: 79.741 ng

RT: 9.075 min Scan# 1107

Delta R.T. 0.006 min

Lab File: BP019835.D

Acq: 22 Feb 2024 21:12

Instrument :

BNA_P

ClientSampleId :

CG-MW-17-CH3

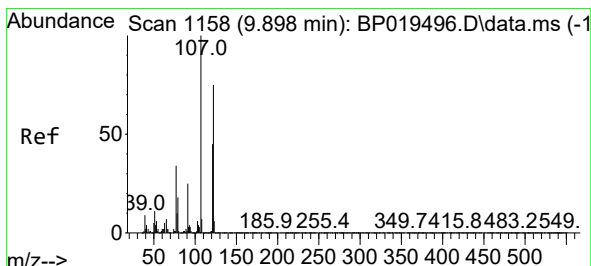
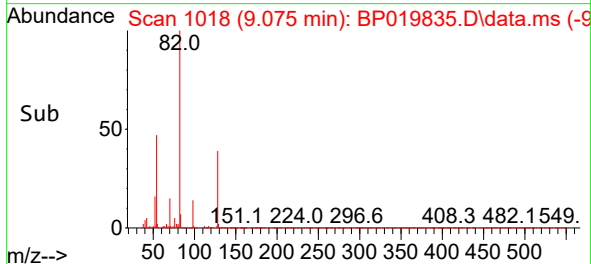
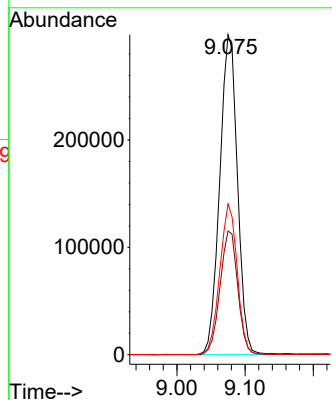
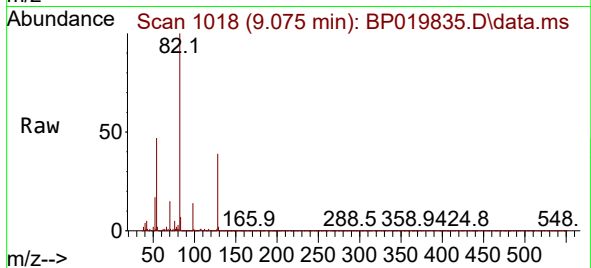
Tgt Ion: 82 Resp: 540227

Ion Ratio Lower Upper

82 100

128 38.7 29.7 44.5

54 47.1 36.8 55.2



#27

2,4-Dimethylphenol

Concen: 16.818 ng

RT: 10.022 min Scan# 1179

Delta R.T. 0.141 min

Lab File: BP019835.D

Acq: 22 Feb 2024 21:12

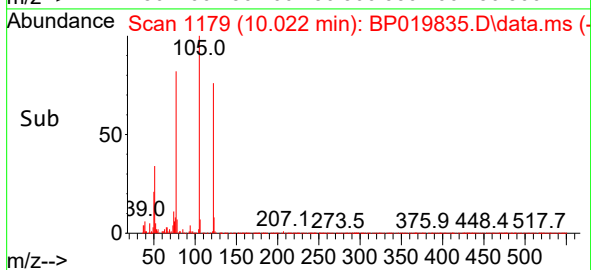
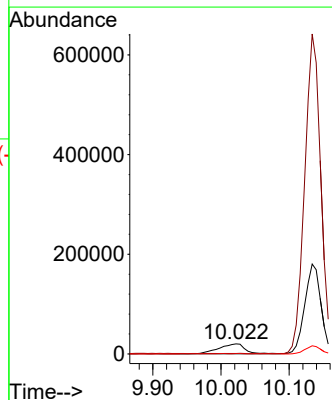
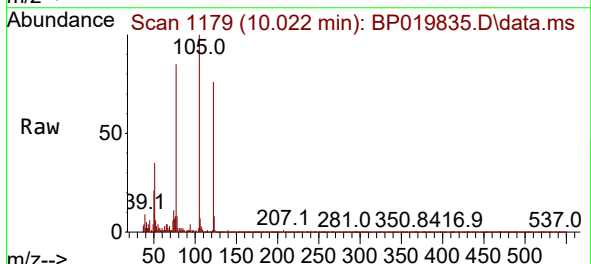
Tgt Ion:122 Resp: 55933

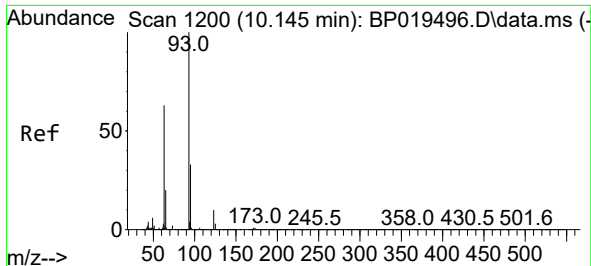
Ion Ratio Lower Upper

122 100

107 4.6 105.9 158.9#

121 1.6 47.5 71.3#

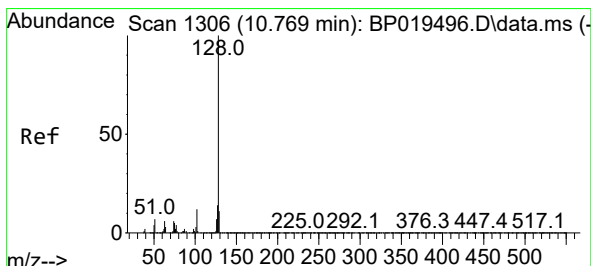
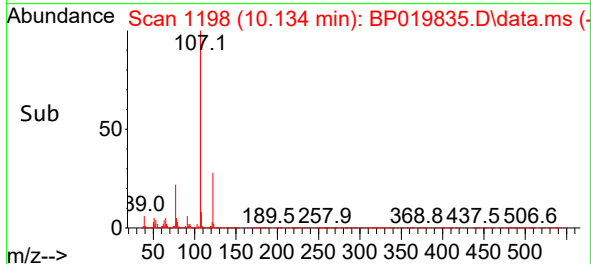
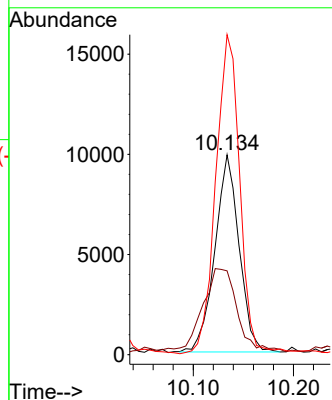
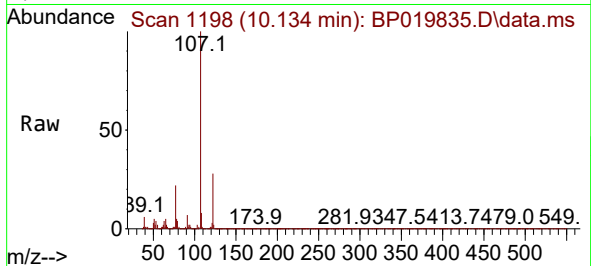




#28
bis(2-Chloroethoxy)methane
Concen: 2.475 ng
RT: 10.134 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP019835.D
Acq: 22 Feb 2024 21:12

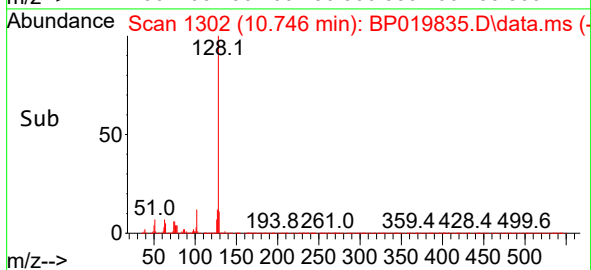
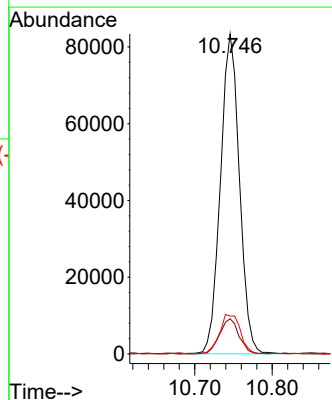
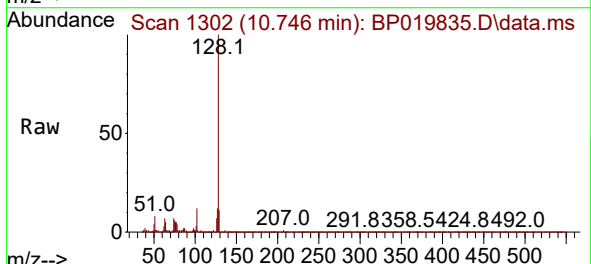
Instrument :
BNA_P
ClientSampleId :
CG-MW-17-CH3

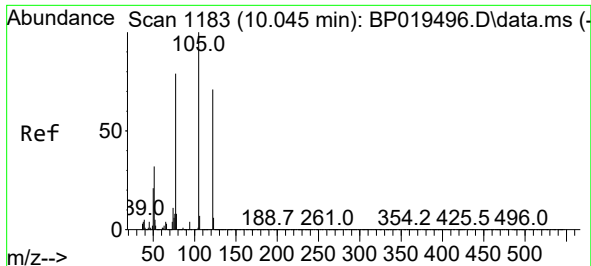
Tgt Ion: 93 Resp: 16521
Ion Ratio Lower Upper
93 100
95 42.0 26.2 39.4#
123 160.2 8.5 12.7#



#31
Naphthalene
Concen: 8.835 ng
RT: 10.746 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BP019835.D
Acq: 22 Feb 2024 21:12

Tgt Ion: 128 Resp: 142249
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 11.8 10.8 16.2

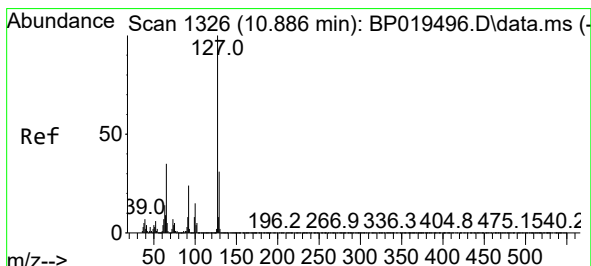
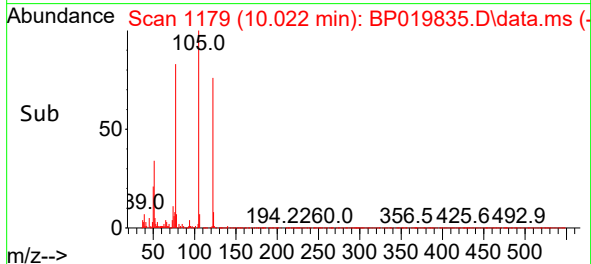
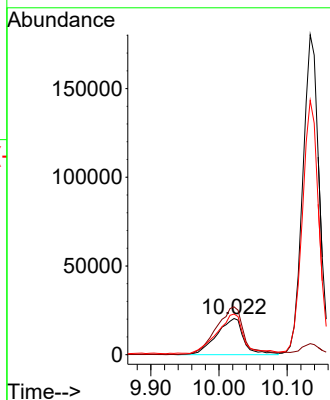
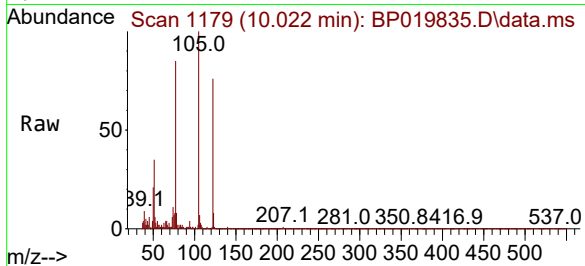




#32
Benzoic acid
Concen: 17.262 ng
RT: 10.022 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BP019835.D
Acq: 22 Feb 2024 21:12

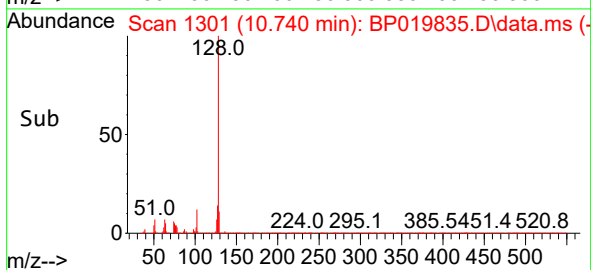
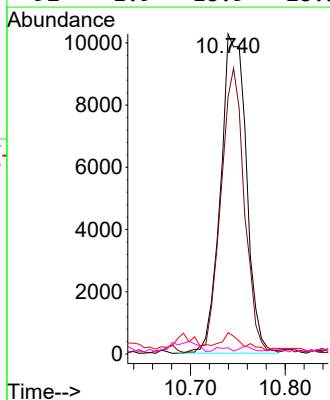
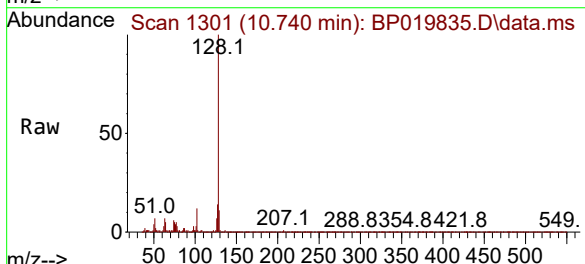
Instrument :
BNA_P
ClientSampleId :
CG-MW-17-CH3

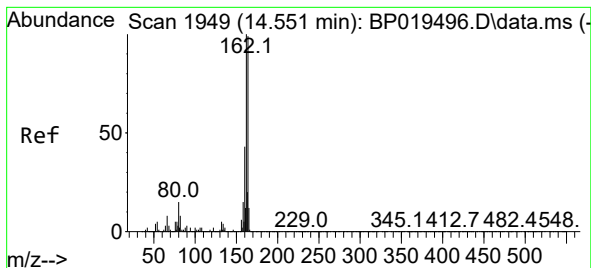
Tgt Ion:122 Resp: 55933
Ion Ratio Lower Upper
122 100
105 132.3 118.8 158.8
77 112.3 91.7 131.7



#33
4-Chloroaniline
Concen: 3.255 ng
RT: 10.740 min Scan# 1301
Delta R.T. -0.135 min
Lab File: BP019835.D
Acq: 22 Feb 2024 21:12

Tgt Ion:127 Resp: 19382
Ion Ratio Lower Upper
127 100
129 80.4 24.6 36.8#
65 6.6 28.2 42.4#
92 1.9 18.9 28.3#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.534 min Scan# 1946

Delta R.T. -0.006 min

Lab File: BP019835.D

Acq: 22 Feb 2024 21:12

Instrument :

BNA_P

ClientSampleId :

CG-MW-17-CH3

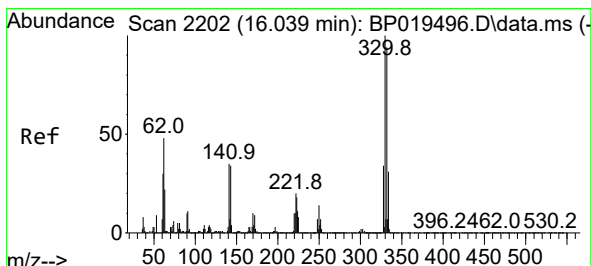
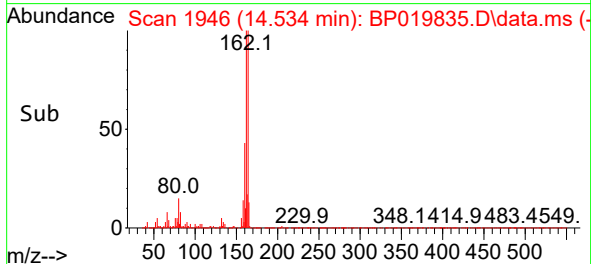
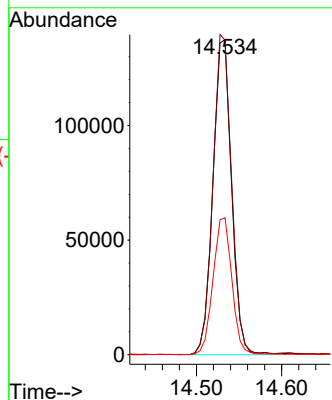
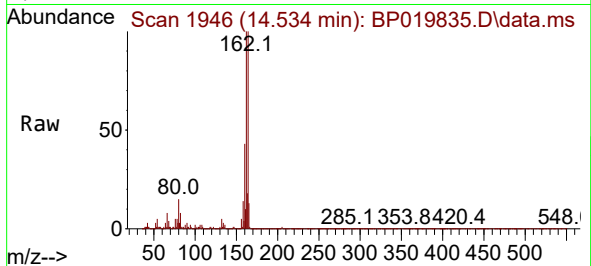
Tgt Ion:164 Resp: 209134

Ion Ratio Lower Upper

164 100

162 99.8 81.2 121.8

160 43.5 35.1 52.7



#42

2,4,6-Tribromophenol

Concen: 148.839 ng

RT: 16.028 min Scan# 2200

Delta R.T. -0.006 min

Lab File: BP019835.D

Acq: 22 Feb 2024 21:12

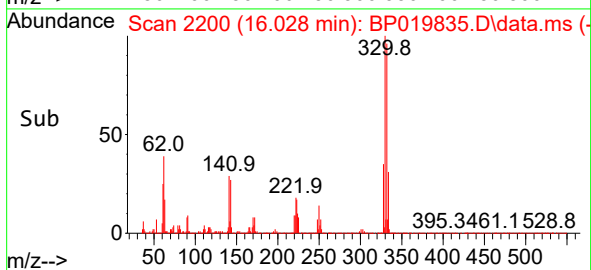
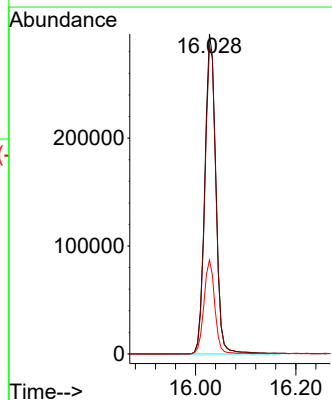
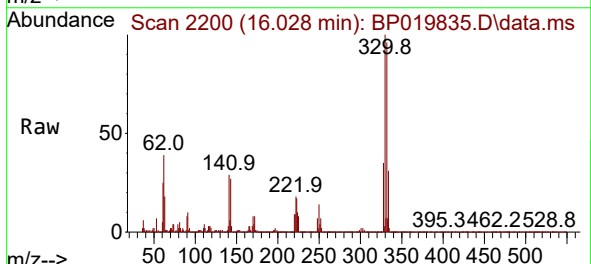
Tgt Ion:330 Resp: 454480

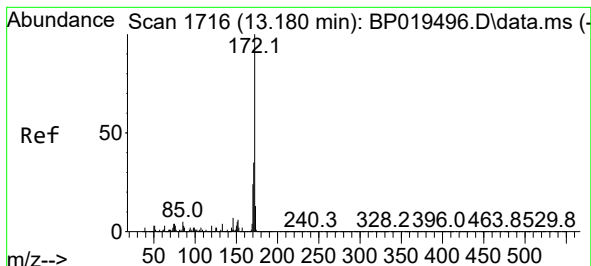
Ion Ratio Lower Upper

330 100

332 97.1 77.2 115.8

141 28.5 27.0 40.4

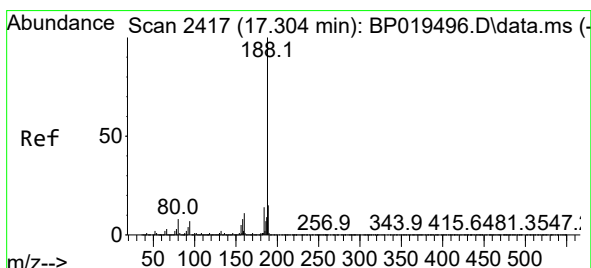
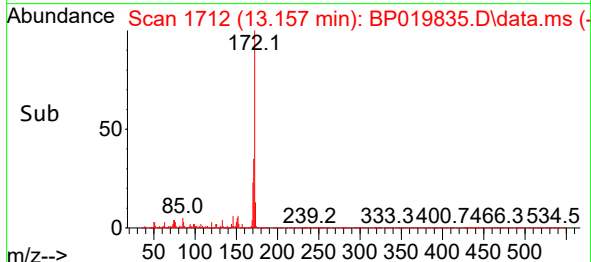
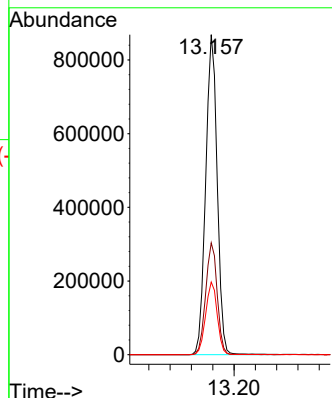
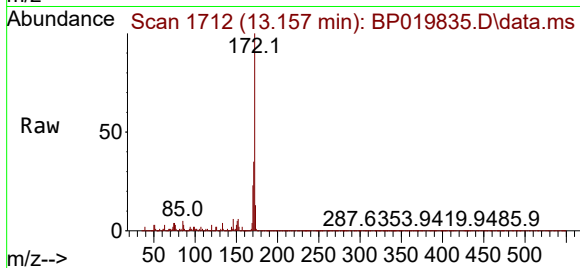




#45
2-Fluorobiphenyl
Concen: 76.797 ng
RT: 13.157 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP019835.D
Acq: 22 Feb 2024 21:12

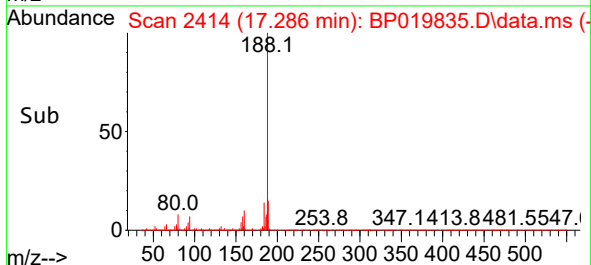
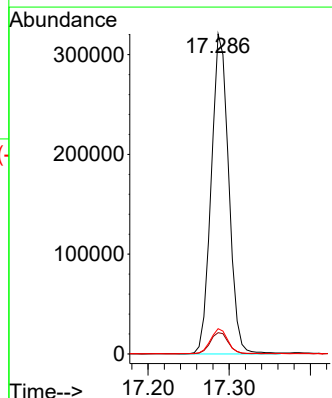
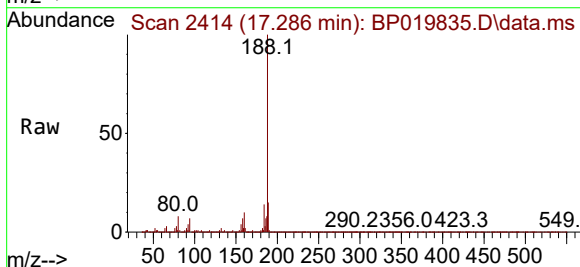
Instrument :
BNA_P
ClientSampleId :
CG-MW-17-CH3

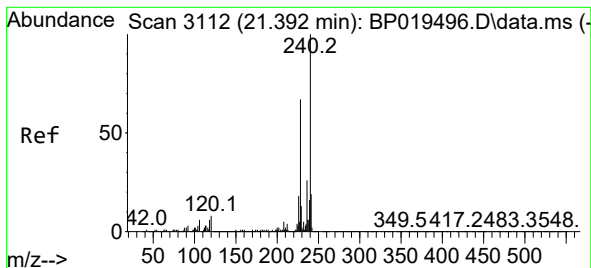
Tgt Ion:172 Resp: 1299189
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.4
170 22.7 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.286 min Scan# 2414
Delta R.T. -0.006 min
Lab File: BP019835.D
Acq: 22 Feb 2024 21:12

Tgt Ion:188 Resp: 479189
Ion Ratio Lower Upper
188 100
94 6.7 5.4 8.2
80 7.9 6.3 9.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.386 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BP019835.D

Acq: 22 Feb 2024 21:12

Instrument :

BNA_P

ClientSampleId :

CG-MW-17-CH3

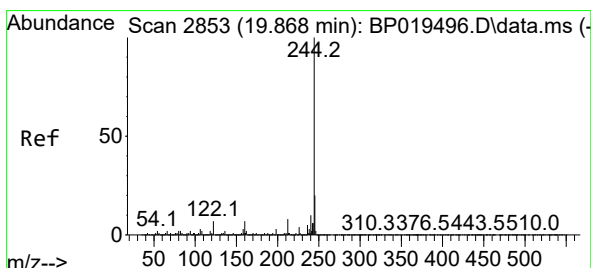
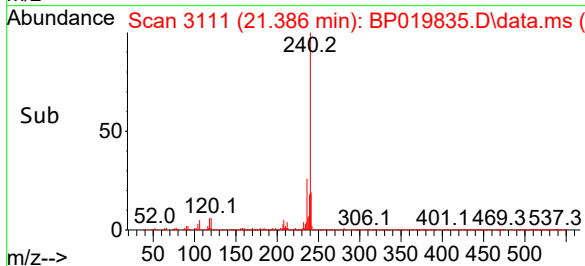
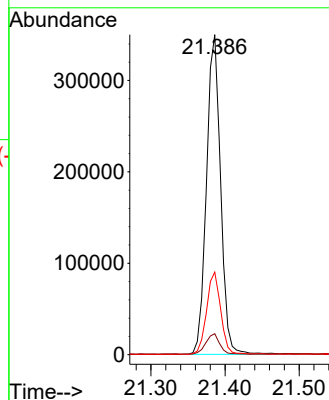
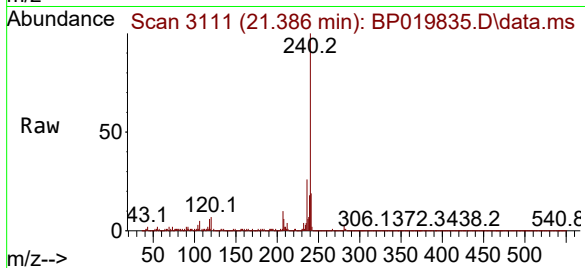
Tgt Ion:240 Resp: 463626

Ion Ratio Lower Upper

240 100

120 6.6 6.1 9.1

236 25.8 20.7 31.1



#79

Terphenyl-d14

Concen: 73.182 ng

RT: 19.857 min Scan# 2851

Delta R.T. -0.006 min

Lab File: BP019835.D

Acq: 22 Feb 2024 21:12

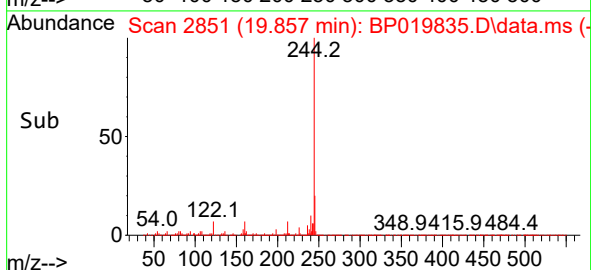
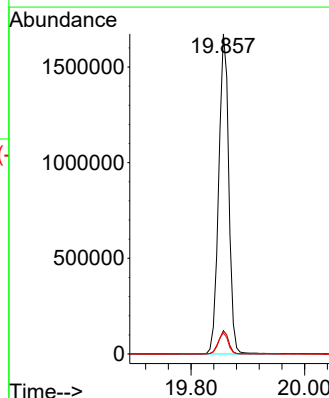
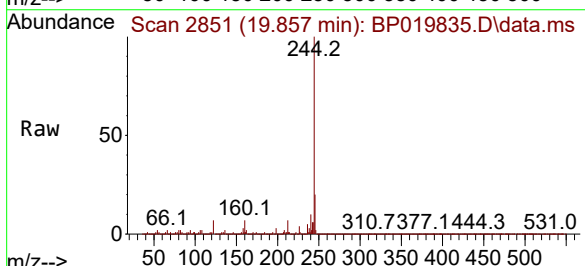
Tgt Ion:244 Resp: 2063138

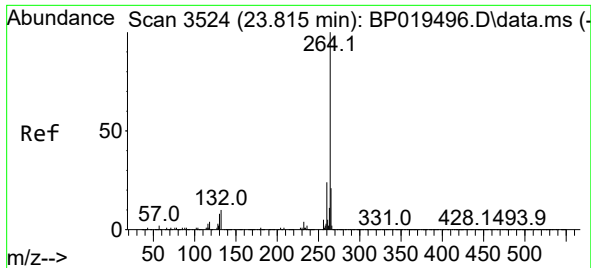
Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

122 6.6 5.9 8.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.810 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP019835.D
Acq: 22 Feb 2024 21:12

Instrument :
BNA_P
ClientSampleId :
CG-MW-17-CH3

Tgt Ion:264 Resp: 519174

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.4	17.0	25.4

