

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100522\
 Data File : BM036835.D
 Acq On : 05 Oct 2022 14:22
 Operator : CG/JU
 Sample : N4785-06DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PT-ACIDS-WPDL

Quant Time: Oct 06 02:34:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 04 03:17:03 2022
 Response via : Initial Calibration

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

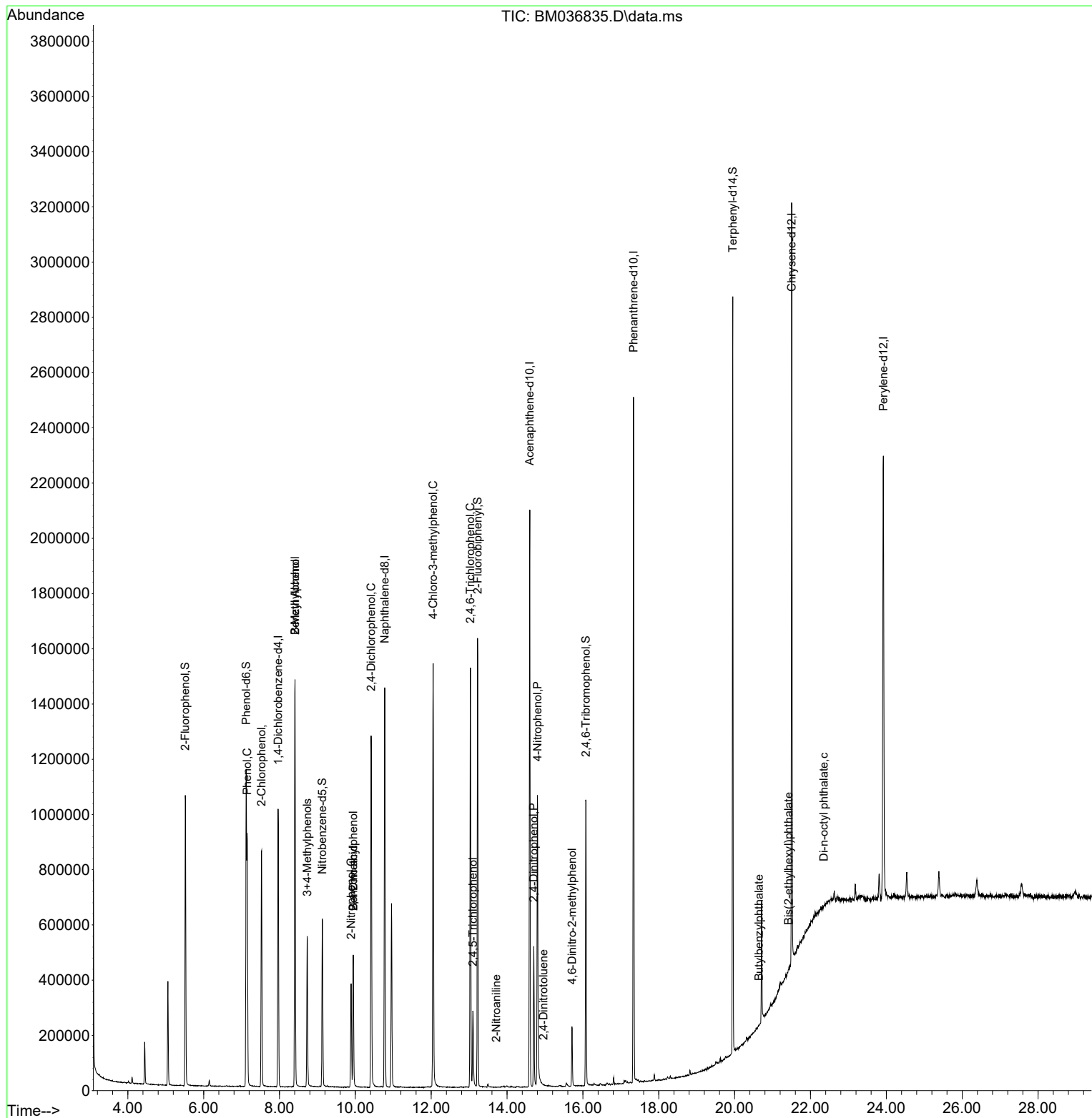
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	259280	20.000	ng	-0.01
21) Naphthalene-d8	10.775	136	1131038	20.000	ng	-0.01
39) Acenaphthene-d10	14.598	164	664263	20.000	ng	0.00
64) Phenanthrene-d10	17.333	188	1368057	20.000	ng	0.00
76) Chrysene-d12	21.503	240	1229470	20.000	ng	0.00
86) Perylene-d12	23.921	264	1084073	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	442764	30.306	ng	-0.01
7) Phenol-d6	7.122	99	606111	29.535	ng	-0.02
23) Nitrobenzene-d5	9.128	82	345831	16.355	ng	-0.02
42) 2,4,6-Tribromophenol	16.080	330	147646	28.340	ng	0.00
45) 2-Fluorobiphenyl	13.222	172	779220	18.088	ng	-0.01
79) Terphenyl-d14	19.951	244	1129252	18.300	ng	0.00
Target Compounds						
						Qvalue
8) 2-Chlorophenol	7.528	128	368771	21.154	ng	97
10) Phenol	7.151	94	479655	20.407	ng	99
15) Benzyl Alcohol	8.410	79	195221	12.210	ng	# 1
17) 2-Methylphenol	8.410	107	430378	28.043	ng	98
20) 3+4-Methylphenols	8.734	107	247624	11.737	ng	87
26) 2-Nitrophenol	9.887	139	110999	14.640	ng	95
27) 2,4-Dimethylphenol	9.945	122	141946	9.813	ng	99
29) 2,4-Dichlorophenol	10.416	162	428411	28.049	ng	99
32) Benzoic acid	9.945	122	141946	16.573	ng	# 13
36) 4-Chloro-3-methylphenol	12.051	107	523526	29.156	ng	98
43) 2,4,6-Trichlorophenol	13.033	196	293327	26.237	ng	99
44) 2,4,5-Trichlorophenol	13.098	196	71992	5.785	ng	97
48) 2-Nitroaniline	13.716	65	57	2.195	ng	# 5
54) 2,4-Dinitrophenol	14.704	184	85492	20.597	ng	94
56) 4-Nitrophenol	14.804	139	272987	30.389	ng	100
57) 2,4-Dinitrotoluene	14.957	165	119	2.786	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.716	198	36291	10.134	ng	97
80) Butylbenzylphthalate	20.645	149	1596	3.341	ng	# 71
84) Bis(2-ethylhexyl)phtha...	21.421	149	1975	2.454	ng	# 84
85) Di-n-octyl phthalate	22.350	149	1142	4.066	ng	# 61

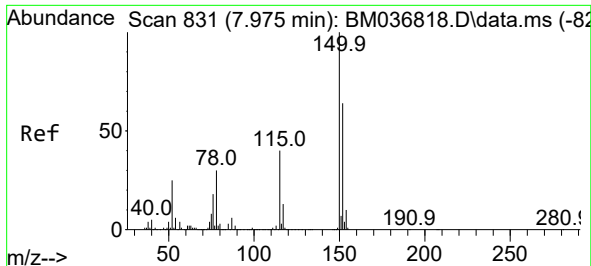
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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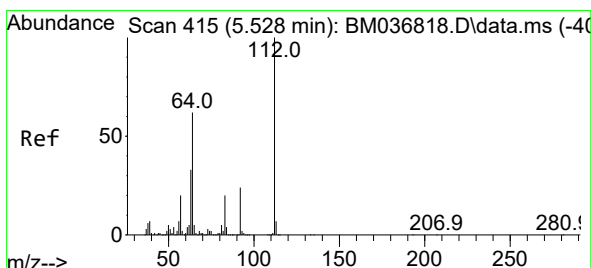
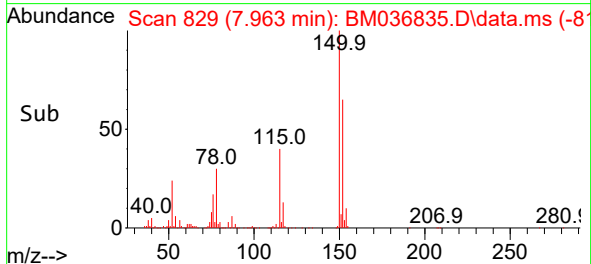
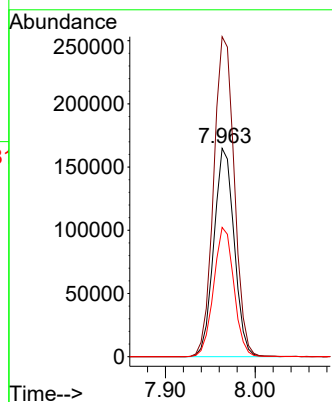
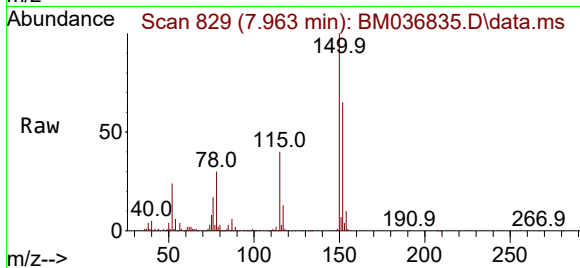




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.963 min Scan# 81
Delta R.T. -0.012 min
Lab File: BM036835.D
Acq: 05 Oct 2022 14:22

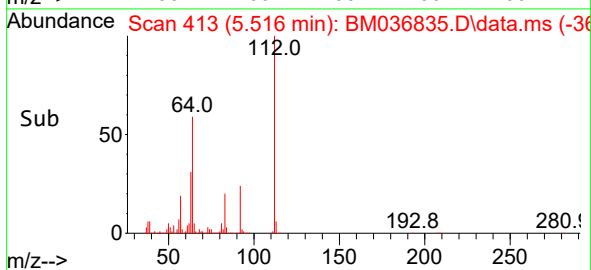
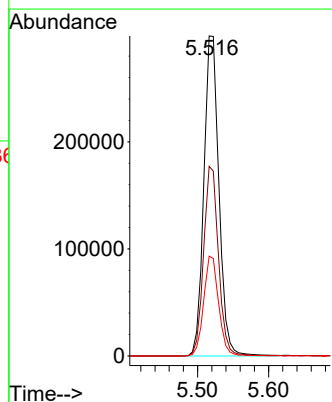
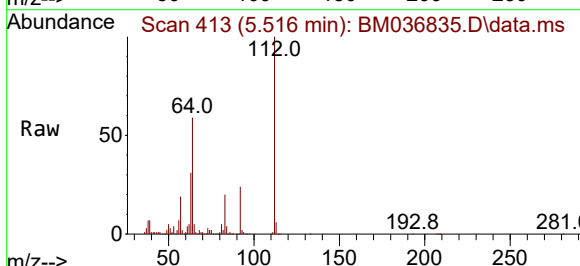
Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WPDL

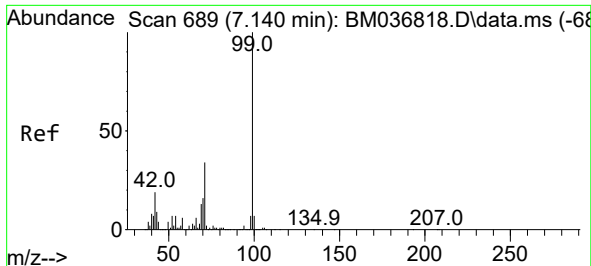
Tgt Ion:152 Resp: 259280
Ion Ratio Lower Upper
152 100
150 153.6 125.9 188.9
115 62.1 50.1 75.1



#5
2-Fluorophenol
Concen: 30.306 ng
RT: 5.516 min Scan# 413
Delta R.T. -0.012 min
Lab File: BM036835.D
Acq: 05 Oct 2022 14:22

Tgt Ion:112 Resp: 442764
Ion Ratio Lower Upper
112 100
64 59.3 49.6 74.4
63 31.2 26.2 39.4

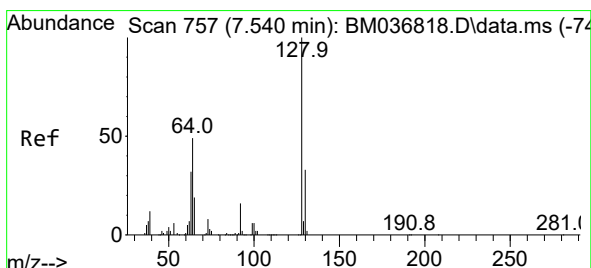
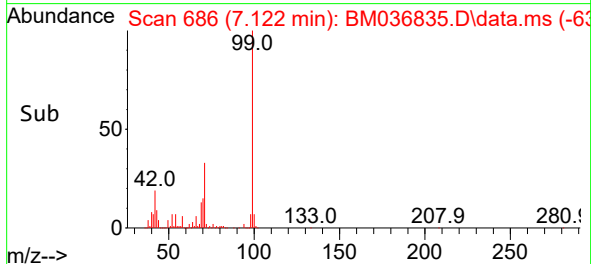
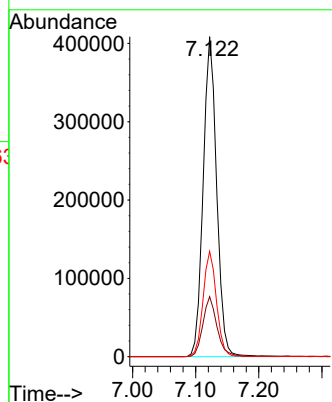
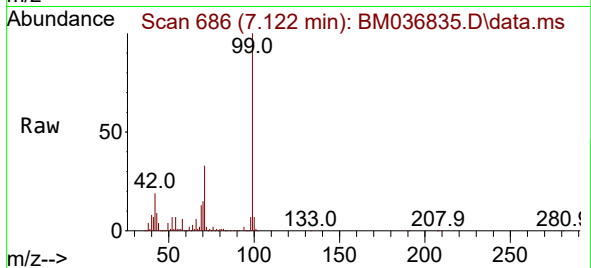




#7
Phenol-d6
Concen: 29.535 ng
RT: 7.122 min Scan# 689
Delta R.T. -0.018 min
Lab File: BM036835.D
Acq: 05 Oct 2022 14:22

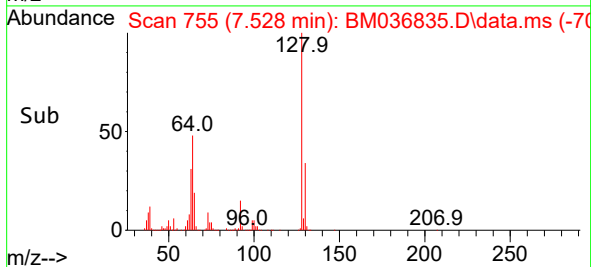
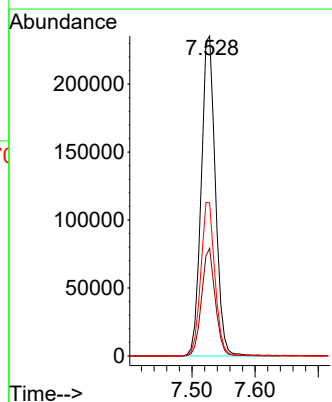
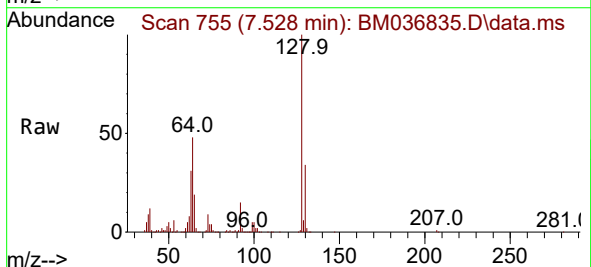
Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WPDL

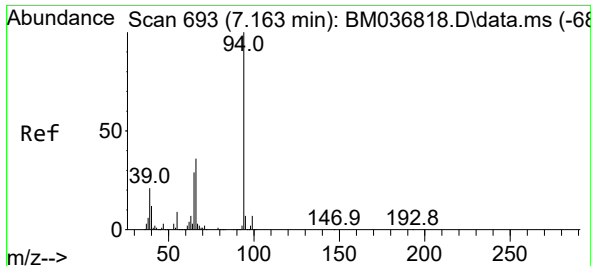
Tgt Ion: 99 Resp: 606111
Ion Ratio Lower Upper
99 100
42 18.8 15.4 23.0
71 32.9 26.9 40.3



#8
2-Chlorophenol
Concen: 21.154 ng
RT: 7.528 min Scan# 755
Delta R.T. -0.012 min
Lab File: BM036835.D
Acq: 05 Oct 2022 14:22

Tgt Ion: 128 Resp: 368771
Ion Ratio Lower Upper
128 100
130 33.6 12.8 52.8
64 47.9 30.8 70.8

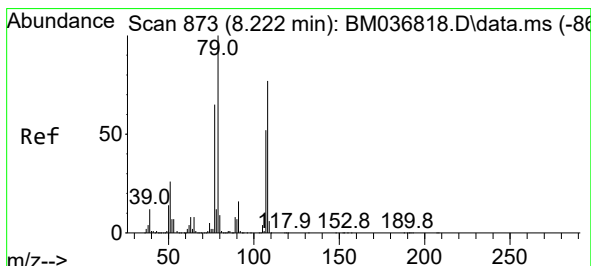
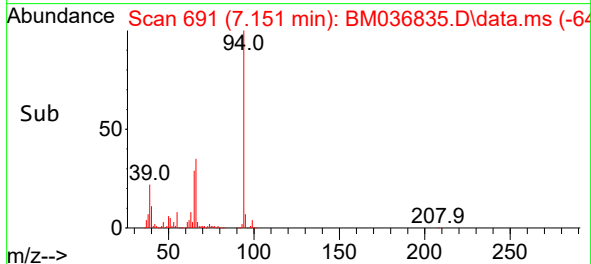
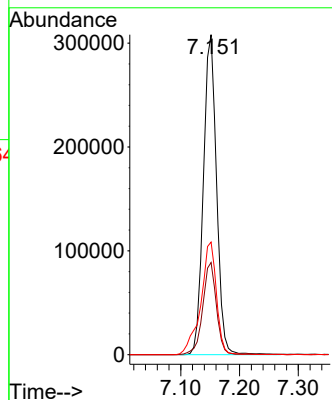
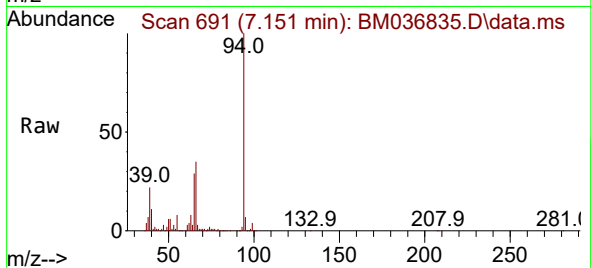




#10
Phenol
Concen: 20.407 ng
RT: 7.151 min Scan# 691
Delta R.T. -0.012 min
Lab File: BM036835.D
Acq: 05 Oct 2022 14:22

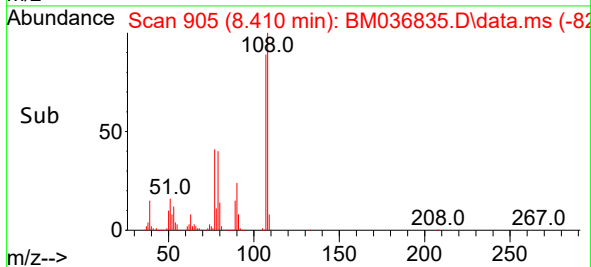
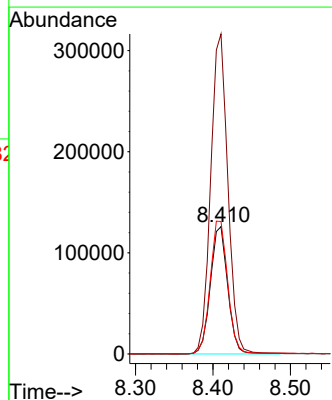
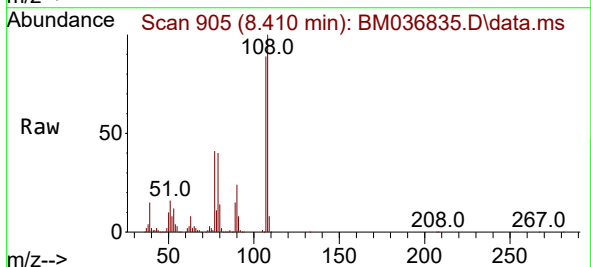
Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WPDL

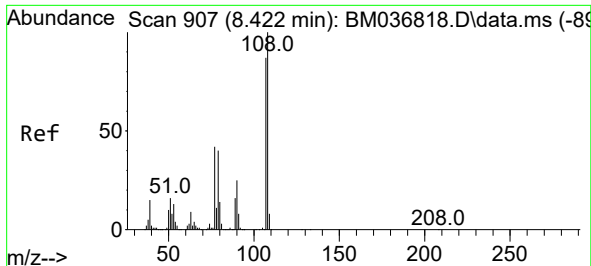
Tgt Ion: 94 Resp: 479655
Ion Ratio Lower Upper
94 100
65 28.8 8.8 48.8
66 35.2 16.6 56.6



#15
Benzyl Alcohol
Concen: 12.210 ng
RT: 8.410 min Scan# 905
Delta R.T. 0.188 min
Lab File: BM036835.D
Acq: 05 Oct 2022 14:22

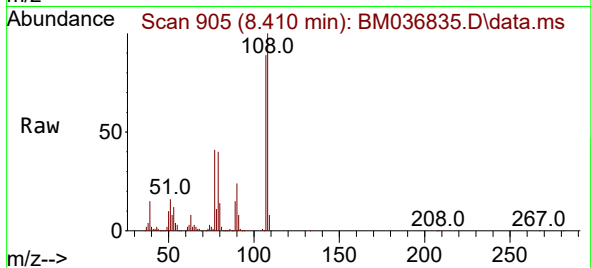
Tgt Ion: 79 Resp: 195221
Ion Ratio Lower Upper
79 100
108 251.1 61.8 92.6#
77 104.0 51.8 77.8#



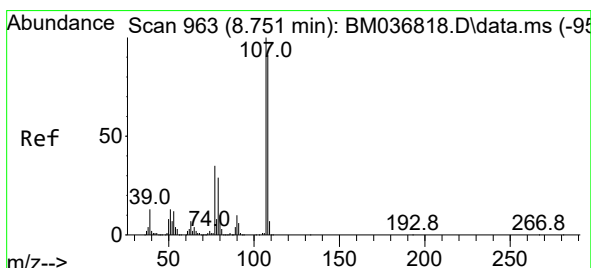
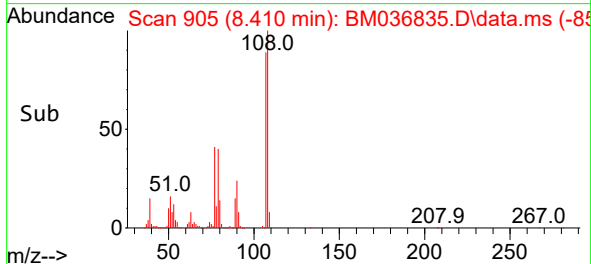
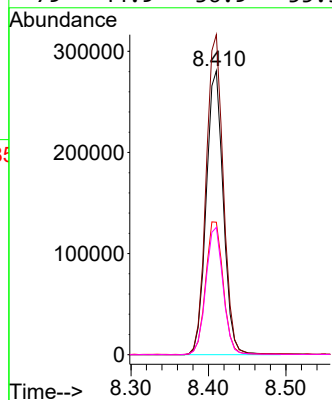


#17
2-Methylphenol
Concen: 28.043 ng
RT: 8.410 min Scan# 907
Delta R.T. -0.012 min
Lab File: BM036835.D
Acq: 05 Oct 2022 14:22

Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WPDL

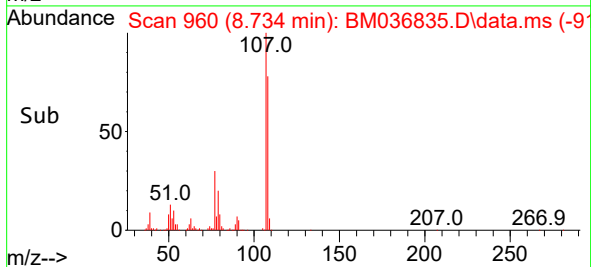
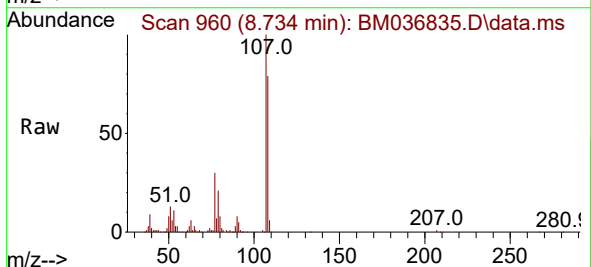
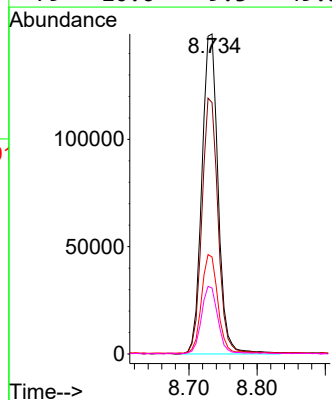


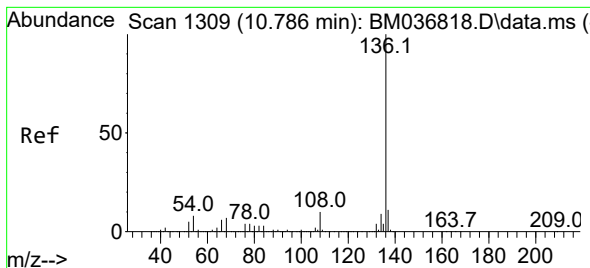
Tgt Ion:107 Resp: 430378
Ion Ratio Lower Upper
107 100
108 112.7 91.8 137.6
77 46.7 38.6 57.8
79 44.9 36.9 55.3



#20
3+4-Methylphenols
Concen: 11.737 ng
RT: 8.734 min Scan# 960
Delta R.T. -0.018 min
Lab File: BM036835.D
Acq: 05 Oct 2022 14:22

Tgt Ion:107 Resp: 247624
Ion Ratio Lower Upper
107 100
108 78.6 70.8 110.8
77 30.3 15.1 55.1
79 20.6 9.3 49.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.775 min Scan# 11

Delta R.T. -0.011 min

Lab File: BM036835.D

Acq: 05 Oct 2022 14:22

Instrument :

BNA_M

ClientSampleId :

PT-ACIDS-WPDL

Tgt Ion:136 Resp: 1131038

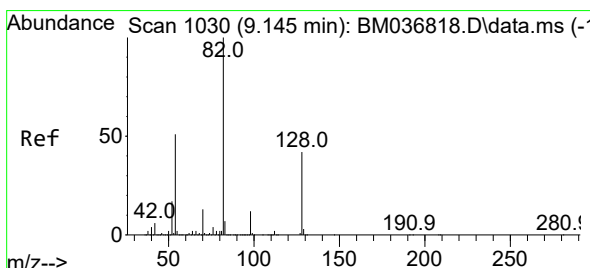
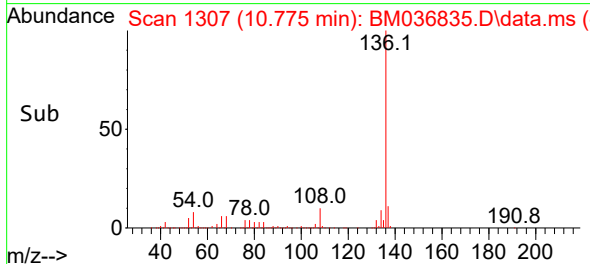
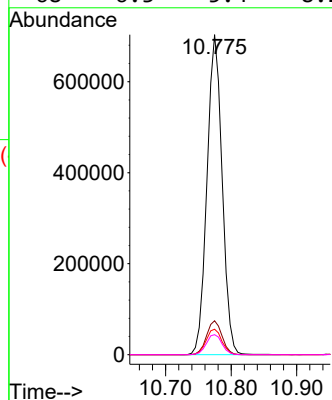
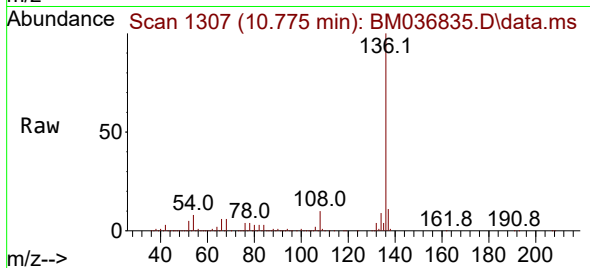
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 7.9 6.7 10.1

68 6.3 5.4 8.2



#23

Nitrobenzene-d5

Concen: 16.355 ng

RT: 9.128 min Scan# 1027

Delta R.T. -0.018 min

Lab File: BM036835.D

Acq: 05 Oct 2022 14:22

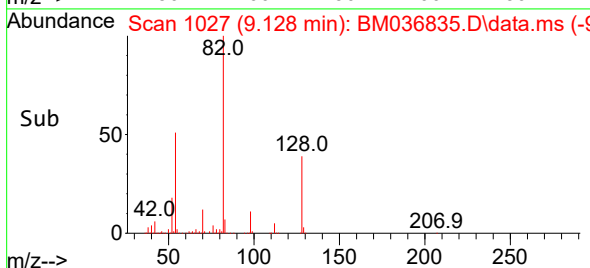
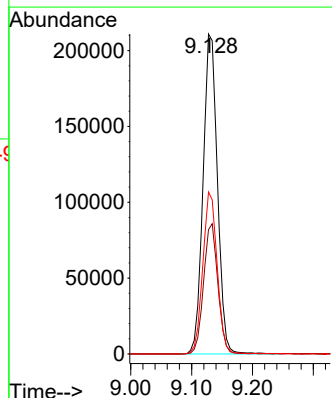
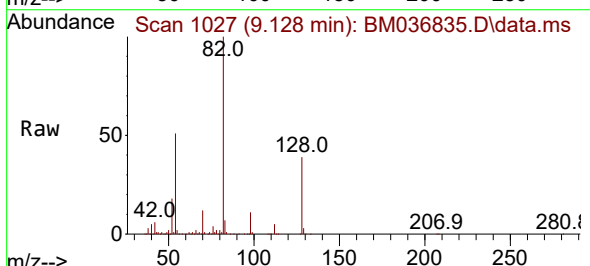
Tgt Ion: 82 Resp: 345831

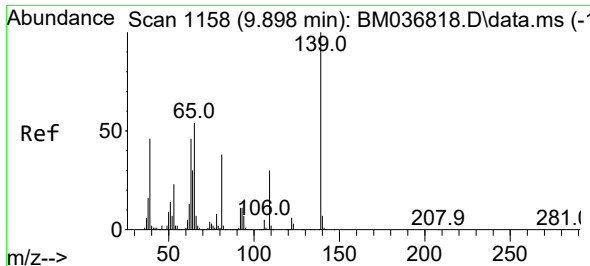
Ion Ratio Lower Upper

82 100

128 38.9 33.2 49.8

54 50.6 40.6 60.8

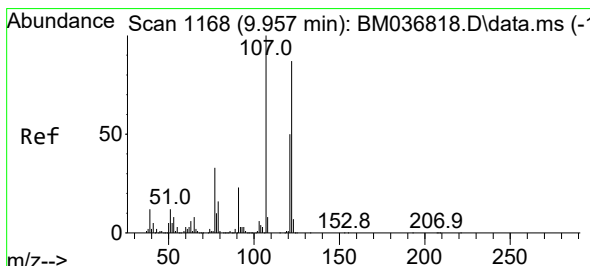
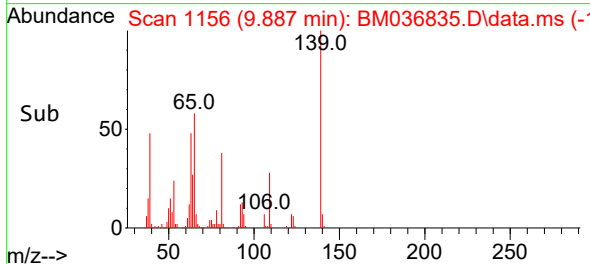
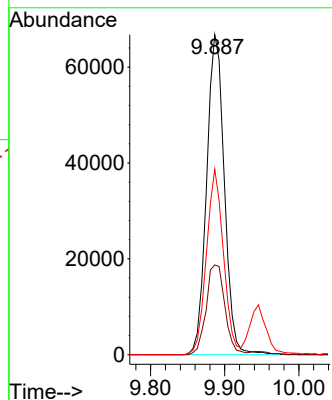
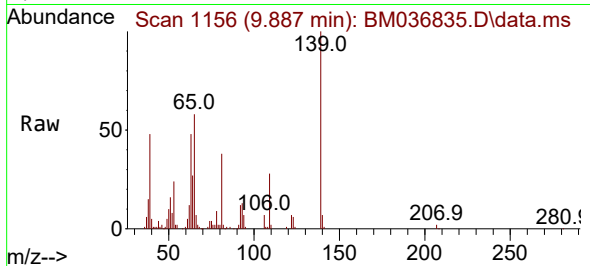




#26
2-Nitrophenol
Concen: 14.640 ng
RT: 9.887 min Scan# 1156
Delta R.T. -0.011 min
Lab File: BM036835.D
Acq: 05 Oct 2022 14:22

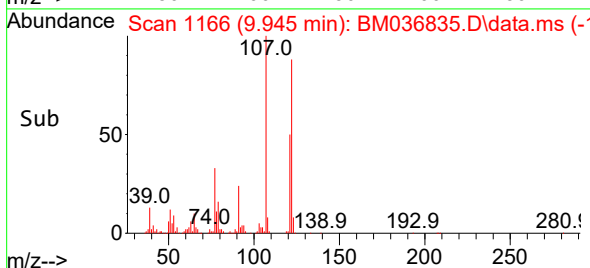
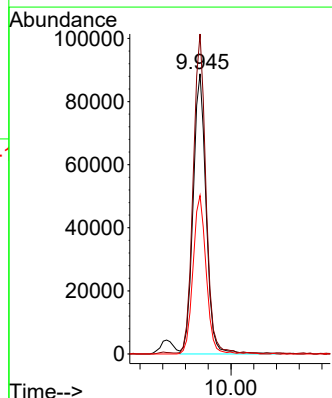
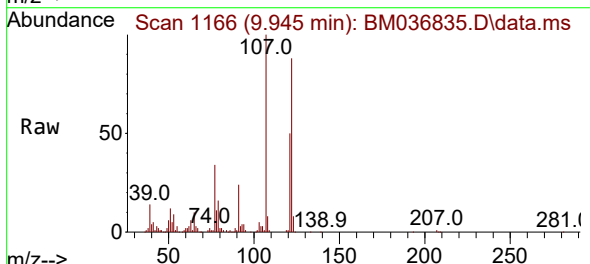
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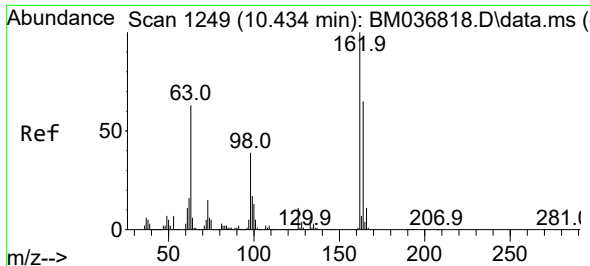
Tgt Ion:139 Resp: 110999
Ion Ratio Lower Upper
139 100
109 28.0 24.2 36.2
65 58.0 43.4 65.2



#27
2,4-Dimethylphenol
Concen: 9.813 ng
RT: 9.945 min Scan# 1166
Delta R.T. -0.012 min
Lab File: BM036835.D
Acq: 05 Oct 2022 14:22

Tgt Ion:122 Resp: 141946
Ion Ratio Lower Upper
122 100
107 114.2 91.7 137.5
121 56.6 46.0 69.0





#29

2,4-Dichlorophenol

Concen: 28.049 ng

RT: 10.416 min Scan# 1166

Delta R.T. -0.018 min

Lab File: BM036835.D

Acq: 05 Oct 2022 14:22

Instrument :

BNA_M

ClientSampleId :

PT-ACIDS-WPDL

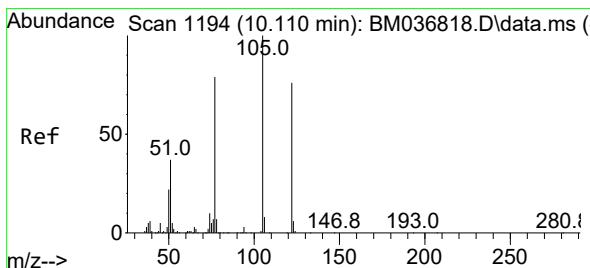
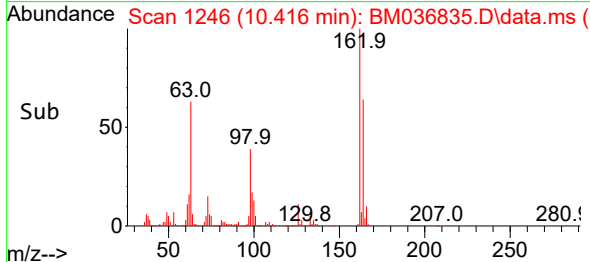
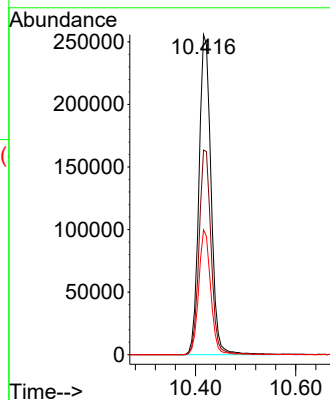
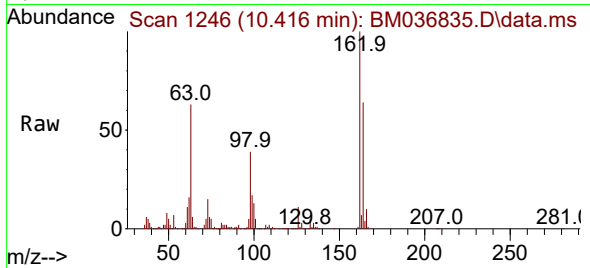
Tgt Ion:162 Resp: 428411

Ion Ratio Lower Upper

162 100

164 63.9 45.0 85.0

98 39.0 19.4 59.4



#32

Benzoic acid

Concen: 16.573 ng

RT: 9.945 min Scan# 1166

Delta R.T. -0.165 min

Lab File: BM036835.D

Acq: 05 Oct 2022 14:22

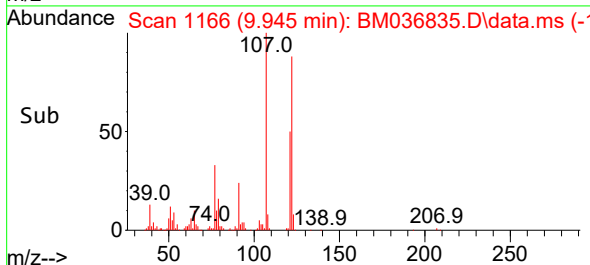
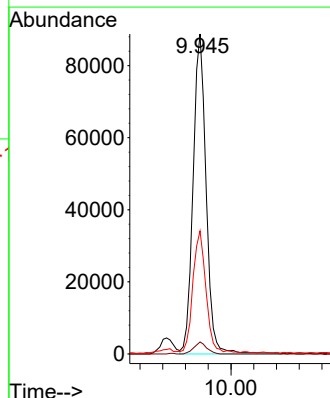
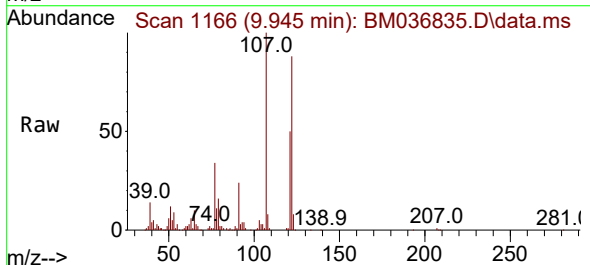
Tgt Ion:122 Resp: 141946

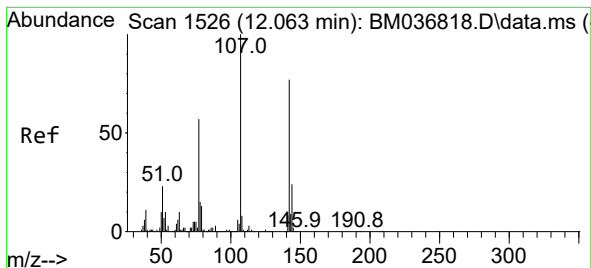
Ion Ratio Lower Upper

122 100

105 3.7 106.4 146.4#

77 38.5 81.4 121.4#

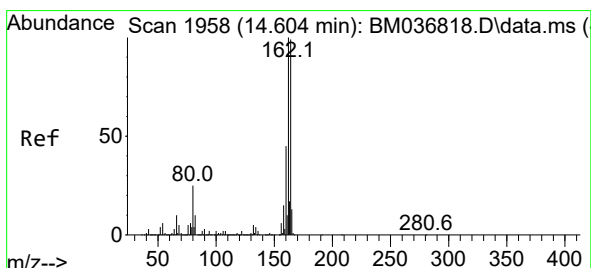
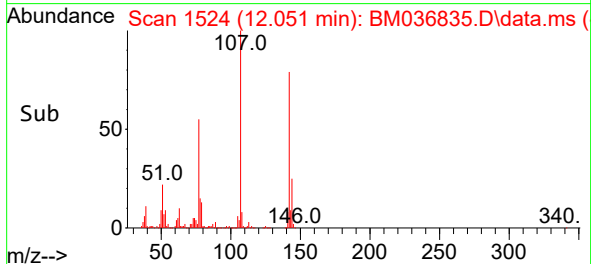
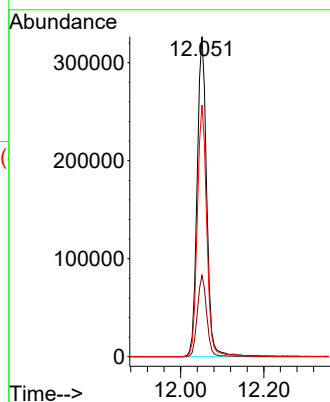
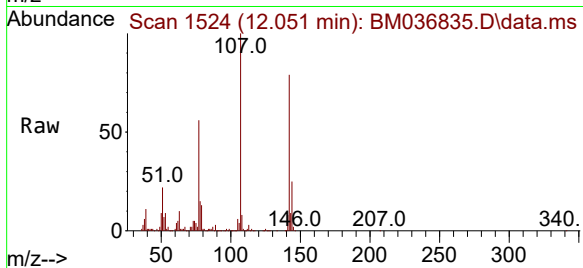




#36
4-Chloro-3-methylphenol
Concen: 29.156 ng
RT: 12.051 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM036835.D
Acq: 05 Oct 2022 14:22

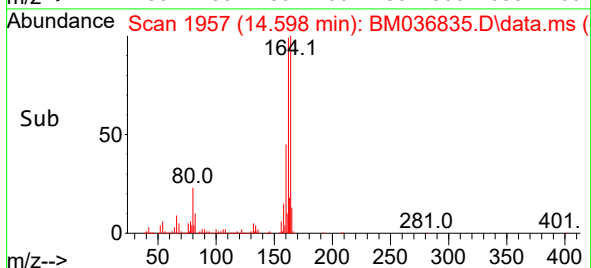
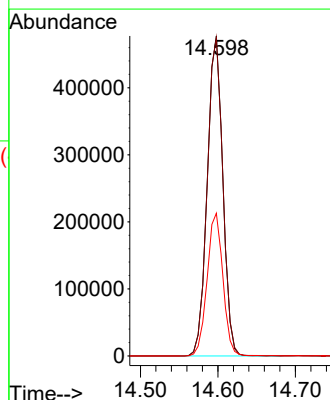
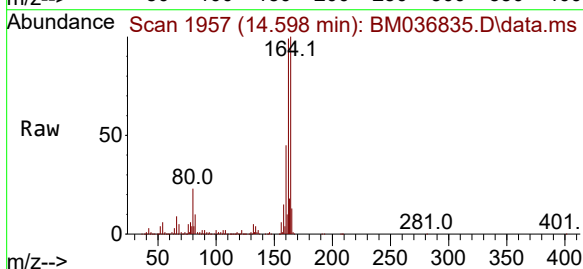
Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WPDL

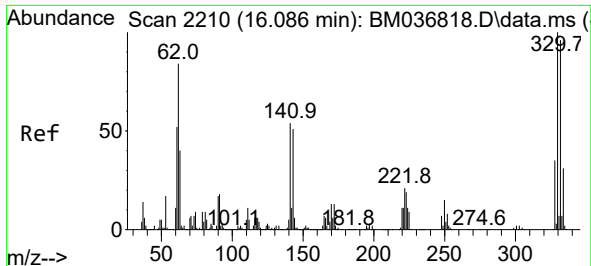
Tgt Ion:107 Resp: 523526
Ion Ratio Lower Upper
107 100
144 25.4 19.4 29.2
142 78.6 61.8 92.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.598 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BM036835.D
Acq: 05 Oct 2022 14:22

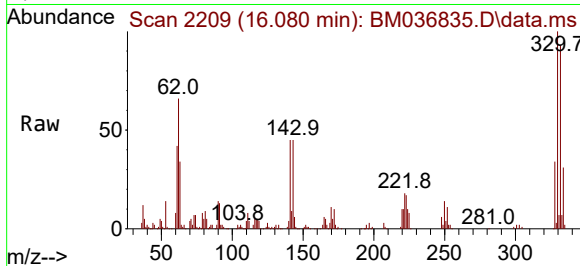
Tgt Ion:164 Resp: 664263
Ion Ratio Lower Upper
164 100
162 99.5 80.5 120.7
160 44.6 36.1 54.1



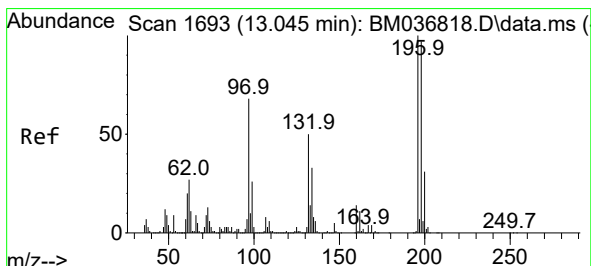
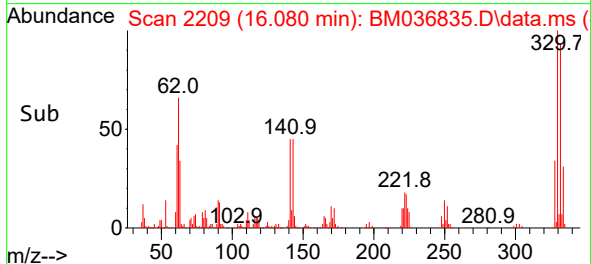
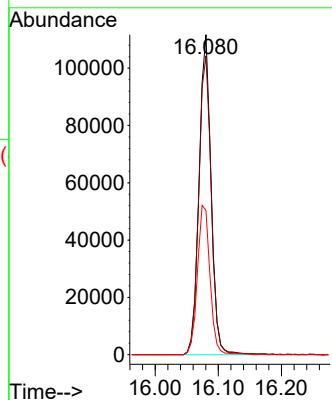


#42
2,4,6-Tribromophenol
Concen: 28.340 ng
RT: 16.080 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM036835.D
Acq: 05 Oct 2022 14:22

Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WPDL

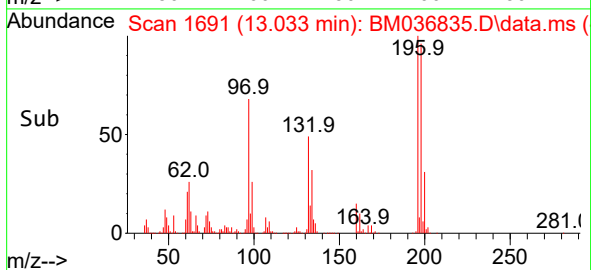
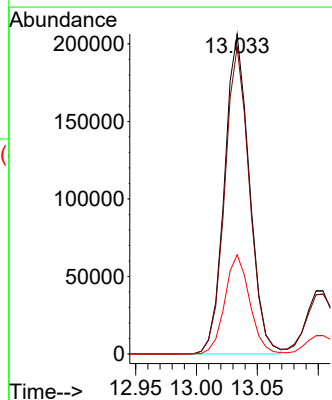
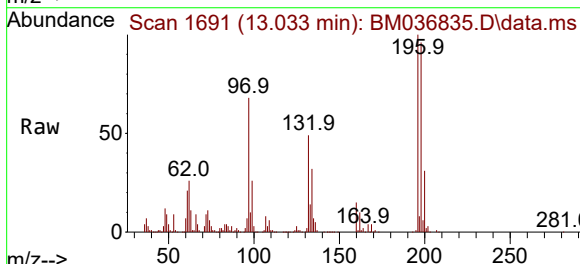


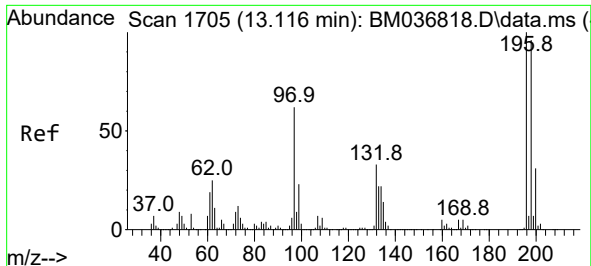
Tgt Ion:330 Resp: 147646
Ion Ratio Lower Upper
330 100
332 96.7 76.8 115.2
141 48.7 41.5 62.3



#43
2,4,6-Trichlorophenol
Concen: 26.237 ng
RT: 13.033 min Scan# 1691
Delta R.T. -0.012 min
Lab File: BM036835.D
Acq: 05 Oct 2022 14:22

Tgt Ion:196 Resp: 293327
Ion Ratio Lower Upper
196 100
198 96.0 77.5 116.3
200 31.0 25.0 37.4

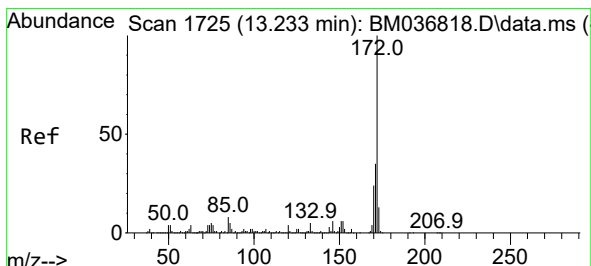
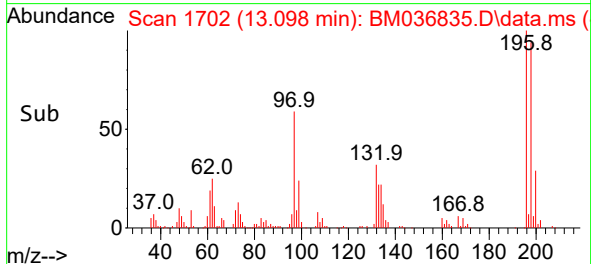
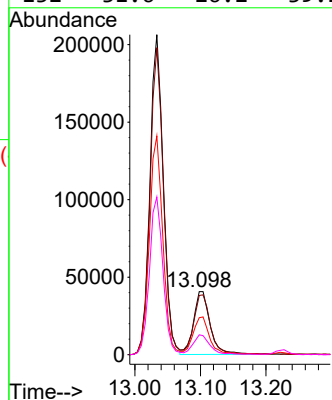
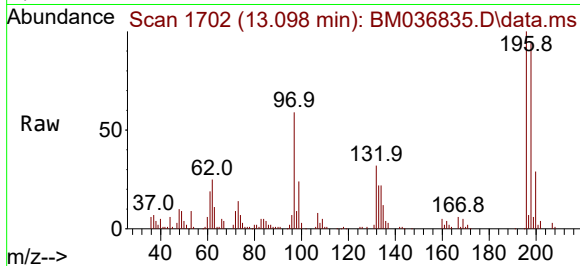




#44
2,4,5-Trichlorophenol
Concen: 5.785 ng
RT: 13.098 min Scan# 1705
Delta R.T. -0.018 min
Lab File: BM036835.D
Acq: 05 Oct 2022 14:22

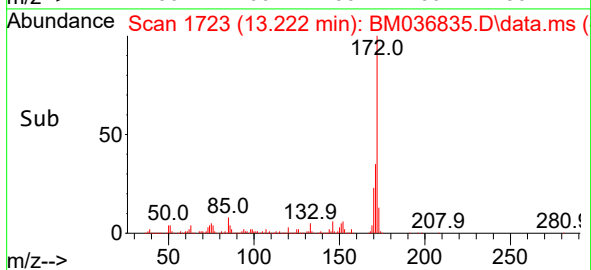
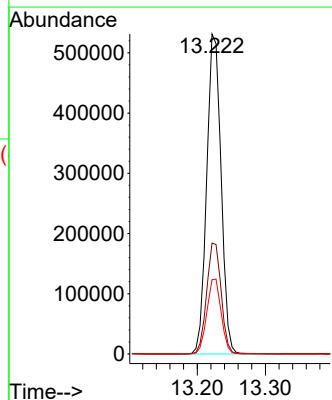
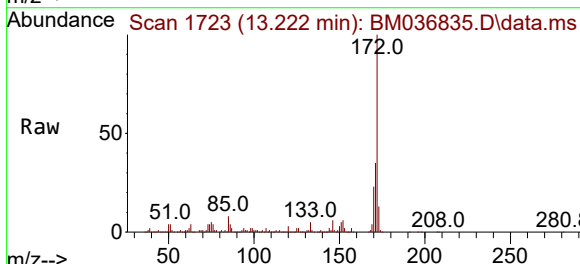
Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WPDL

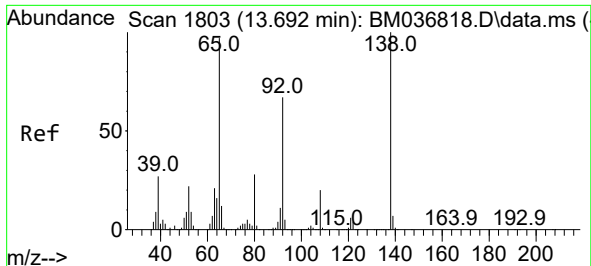
Tgt Ion:196	Resp:	71992
Ion Ratio	Lower	Upper
196	100	
198	93.8	76.9 115.3
97	58.6	49.4 74.0
132	31.6	26.2 39.2



#45
2-Fluorobiphenyl
Concen: 18.088 ng
RT: 13.222 min Scan# 1723
Delta R.T. -0.012 min
Lab File: BM036835.D
Acq: 05 Oct 2022 14:22

Tgt Ion:172	Resp:	779220
Ion Ratio	Lower	Upper
172	100	
171	34.7	28.4 42.6
170	23.2	19.0 28.6

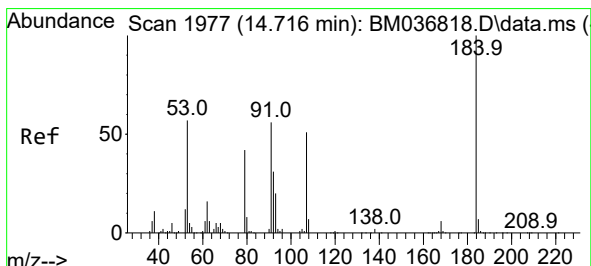
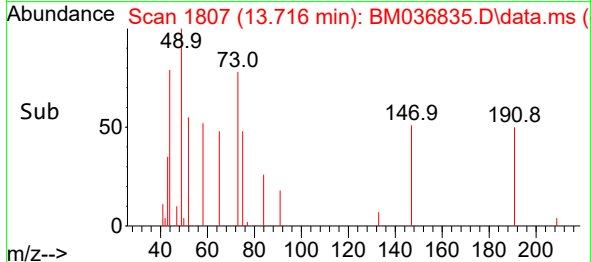
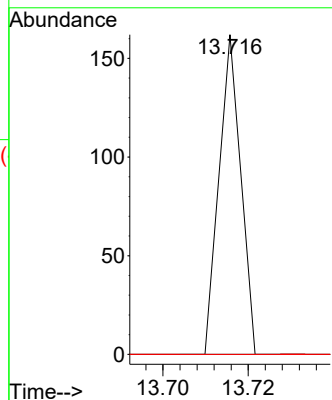
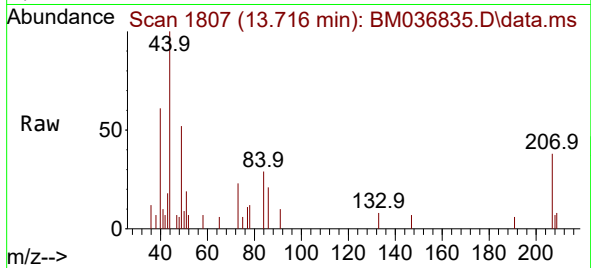




#48
2-Nitroaniline
Concen: 2.195 ng
RT: 13.716 min Scan# 1807
Delta R.T. 0.024 min
Lab File: BM036835.D
Acq: 05 Oct 2022 14:22

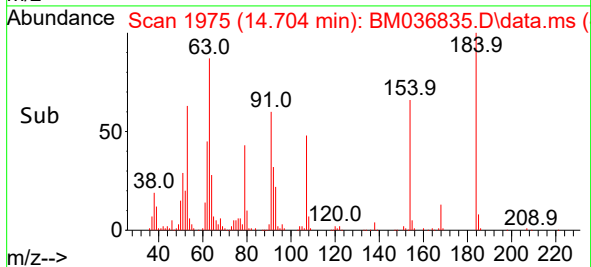
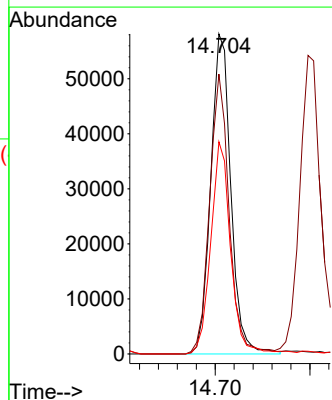
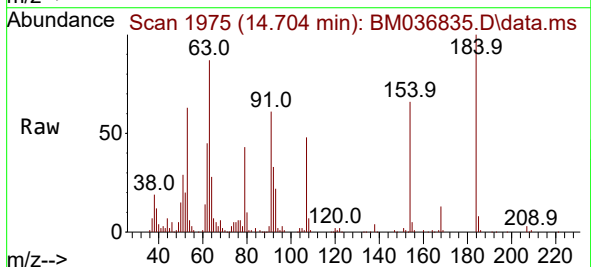
Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WPDL

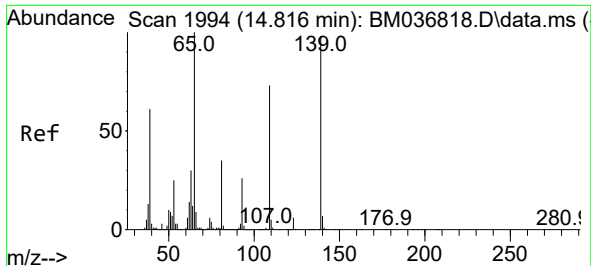
Tgt Ion: 65 Resp: 57
Ion Ratio Lower Upper
65 100
92 0.0 55.0 82.4#
138 0.0 82.5 123.7#



#54
2,4-Dinitrophenol
Concen: 20.597 ng
RT: 14.704 min Scan# 1975
Delta R.T. -0.012 min
Lab File: BM036835.D
Acq: 05 Oct 2022 14:22

Tgt Ion: 184 Resp: 85492
Ion Ratio Lower Upper
184 100
63 87.5 65.0 97.6
154 66.3 50.4 75.6

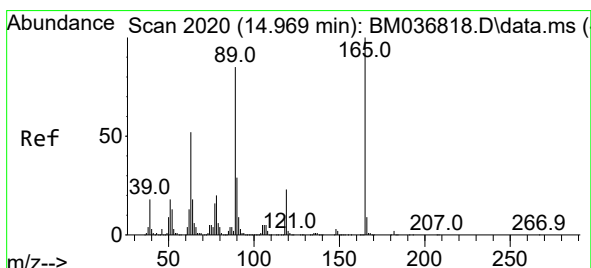
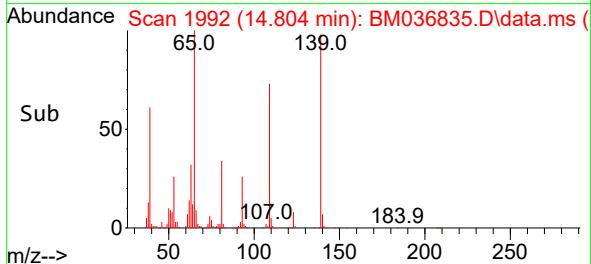
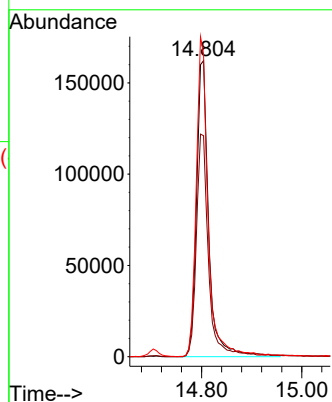
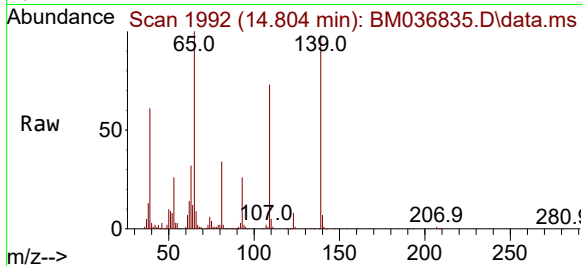




#56
4-Nitrophenol
Concen: 30.389 ng
RT: 14.804 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BM036835.D
Acq: 05 Oct 2022 14:22

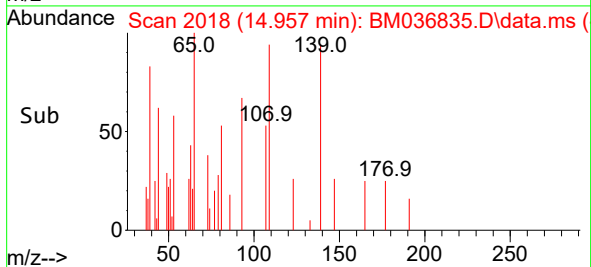
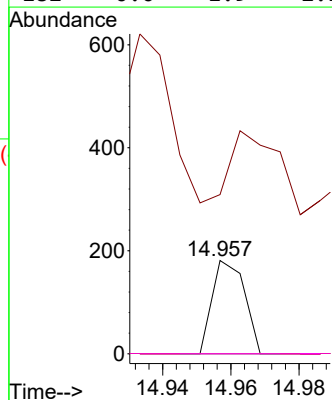
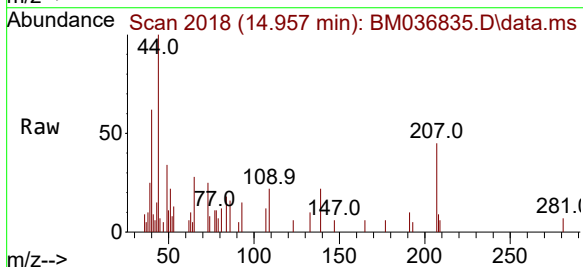
Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WPDL

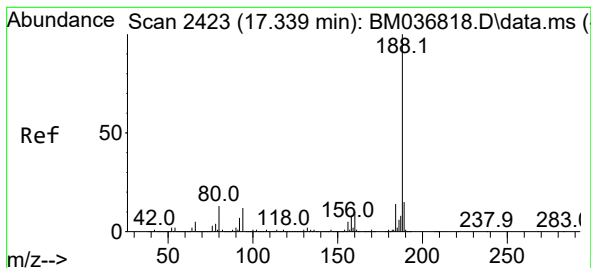
Tgt Ion:139 Resp: 272987
Ion Ratio Lower Upper
139 100
109 74.6 54.9 94.9
65 102.1 82.6 122.6



#57
2,4-Dinitrotoluene
Concen: 2.786 ng
RT: 14.957 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BM036835.D
Acq: 05 Oct 2022 14:22

Tgt Ion:165 Resp: 119
Ion Ratio Lower Upper
165 100
63 170.7 41.8 62.8#
89 0.0 68.2 102.2#
182 0.0 1.9 2.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.333 min Scan# 2422

Delta R.T. -0.006 min

Lab File: BM036835.D

Acq: 05 Oct 2022 14:22

Instrument :

BNA_M

ClientSampleId :

PT-ACIDS-WPDL

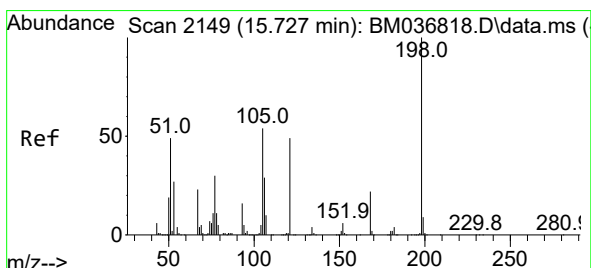
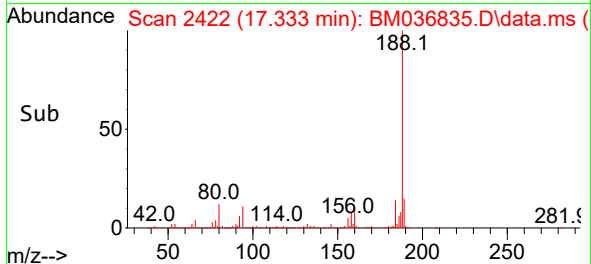
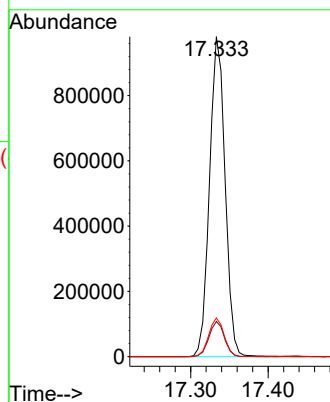
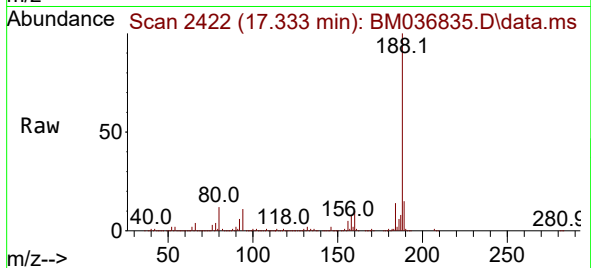
Tgt Ion:188 Resp: 1368057

Ion Ratio Lower Upper

188 100

94 11.0 9.4 14.0

80 12.1 10.2 15.4



#65

4,6-Dinitro-2-methylphenol

Concen: 10.134 ng

RT: 15.716 min Scan# 2147

Delta R.T. -0.011 min

Lab File: BM036835.D

Acq: 05 Oct 2022 14:22

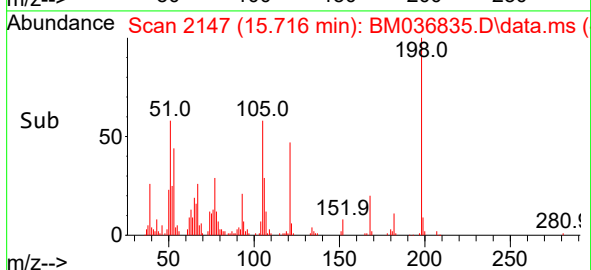
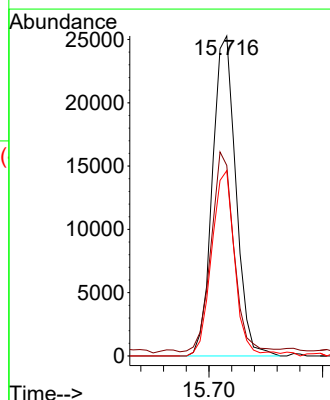
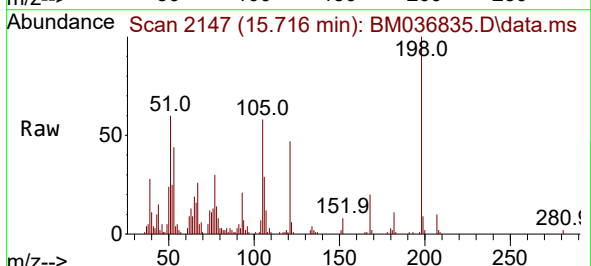
Tgt Ion:198 Resp: 36291

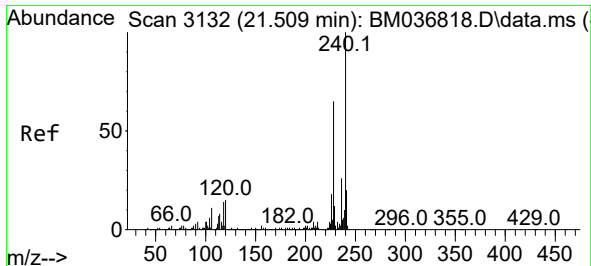
Ion Ratio Lower Upper

198 100

51 59.5 37.7 77.7

105 57.9 35.3 75.3

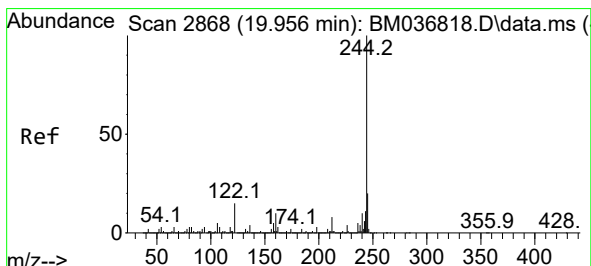
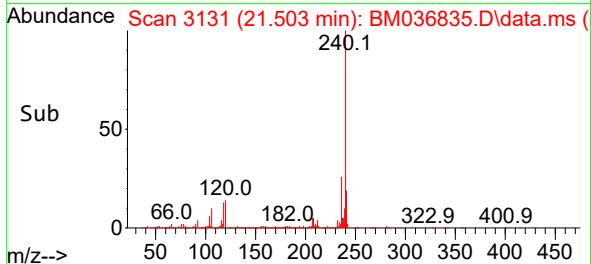
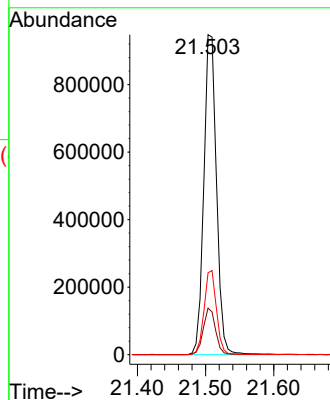
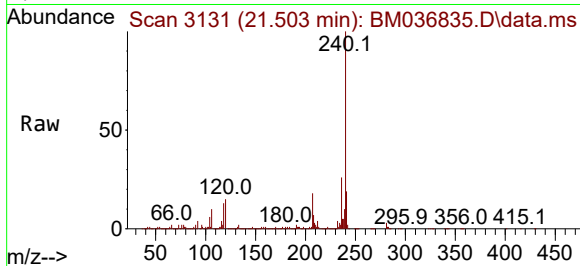




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.503 min Scan# 3132
Delta R.T. -0.006 min
Lab File: BM036835.D
Acq: 05 Oct 2022 14:22

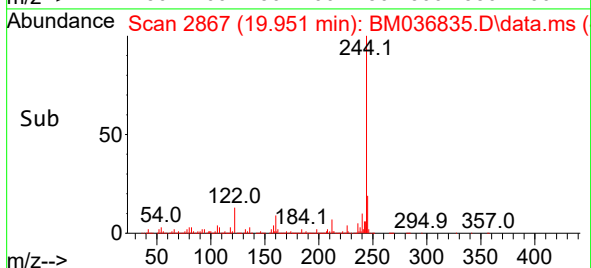
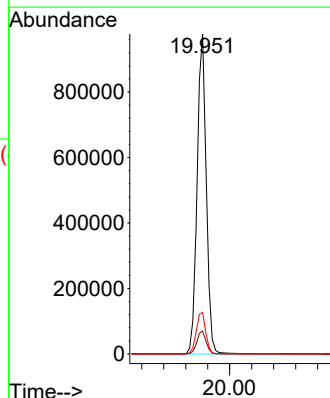
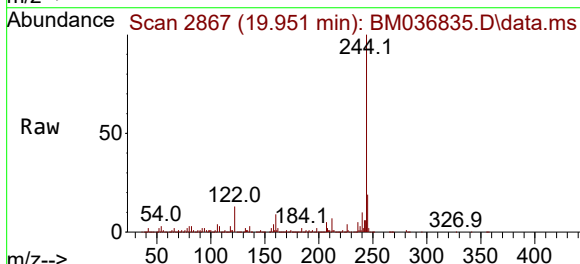
Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WPDL

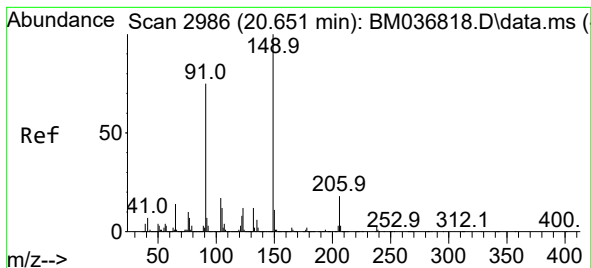
Tgt Ion:240 Resp: 1229470
Ion Ratio Lower Upper
240 100
120 14.5 12.1 18.1
236 25.6 20.8 31.2



#79
Terphenyl-d14
Concen: 18.300 ng
RT: 19.951 min Scan# 2867
Delta R.T. -0.006 min
Lab File: BM036835.D
Acq: 05 Oct 2022 14:22

Tgt Ion:244 Resp: 1129252
Ion Ratio Lower Upper
244 100
212 7.2 6.3 9.5
122 13.0 12.0 18.0





#80

Butylbenzylphthalate

Concen: 3.341 ng

RT: 20.645 min Scan# 2986

Delta R.T. -0.006 min

Lab File: BM036835.D

Acq: 05 Oct 2022 14:22

Instrument :

BNA_M

ClientSampleId :

PT-ACIDS-WPDL

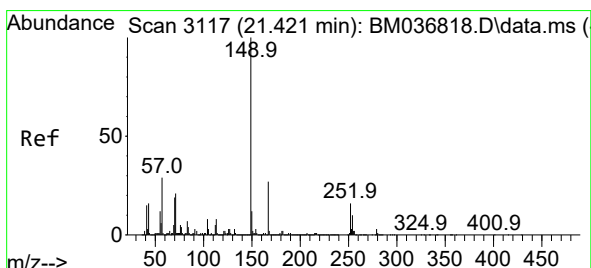
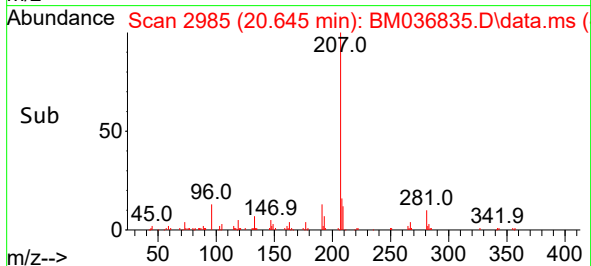
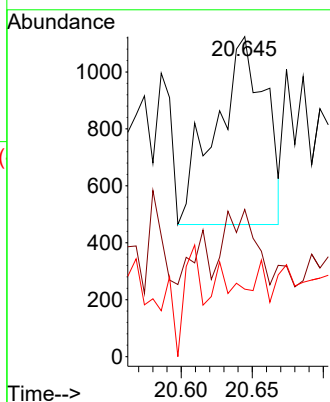
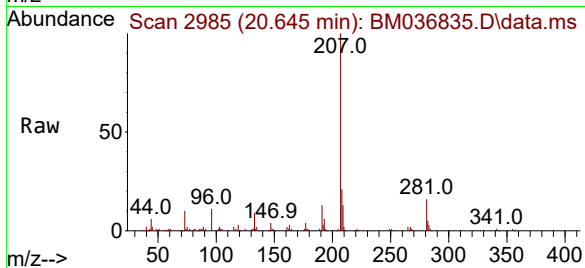
Tgt Ion:149 Resp: 1596

Ion Ratio Lower Upper

149 100

91 46.0 60.4 90.6#

206 21.1 14.4 21.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.454 ng

RT: 21.421 min Scan# 3117

Delta R.T. 0.000 min

Lab File: BM036835.D

Acq: 05 Oct 2022 14:22

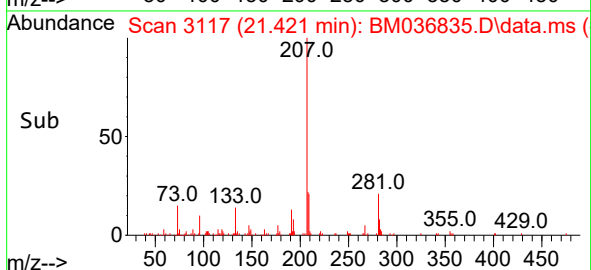
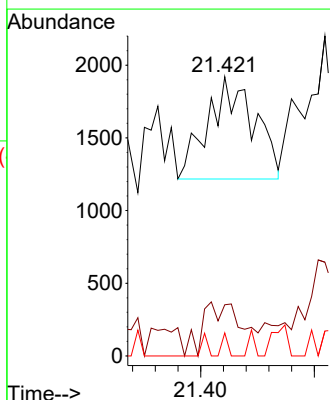
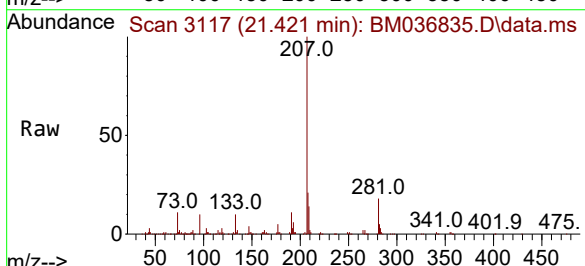
Tgt Ion:149 Resp: 1975

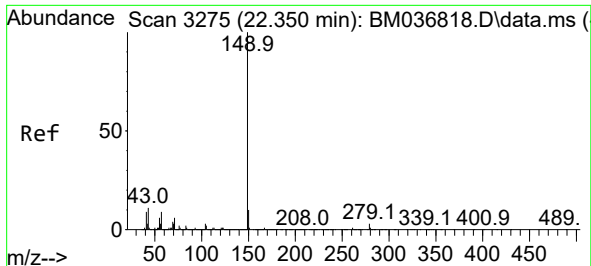
Ion Ratio Lower Upper

149 100

167 18.3 21.3 31.9#

279 8.3 2.4 3.6#

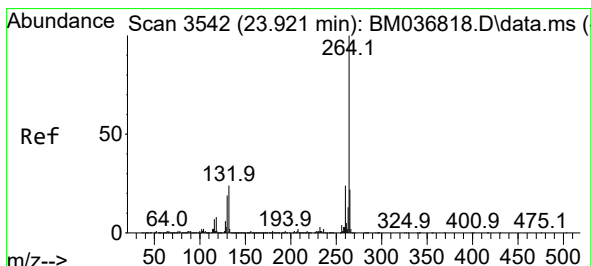
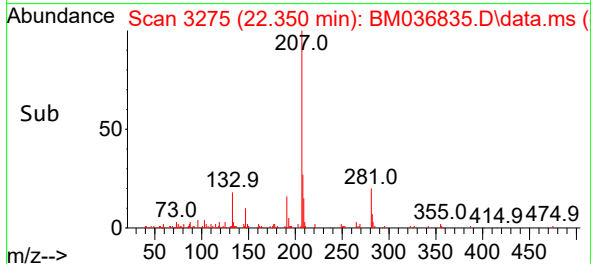
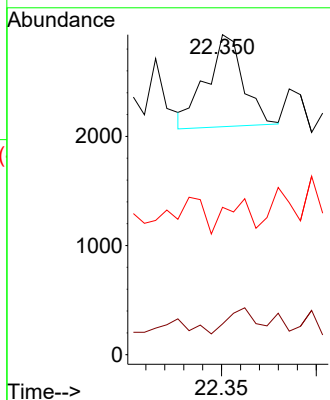
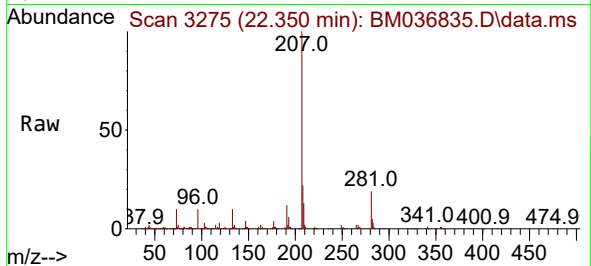




#85
Di-n-octyl phthalate
Concen: 4.066 ng
RT: 22.350 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM036835.D
Acq: 05 Oct 2022 14:22

Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion:149 Resp: 1142
Ion Ratio Lower Upper
149 100
167 21.3 1.2 1.8#
43 25.5 8.9 13.3#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.921 min Scan# 3542
Delta R.T. 0.000 min
Lab File: BM036835.D
Acq: 05 Oct 2022 14:22

Tgt Ion:264 Resp: 1084073
Ion Ratio Lower Upper
264 100
260 23.4 19.3 28.9
265 21.6 17.9 26.9

