

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100522\
 Data File : BM036834.D
 Acq On : 05 Oct 2022 13:10
 Operator : CG/JU
 Sample : N4785-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PT-ACIDS-WP

Quant Time: Oct 06 02:33:46 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)

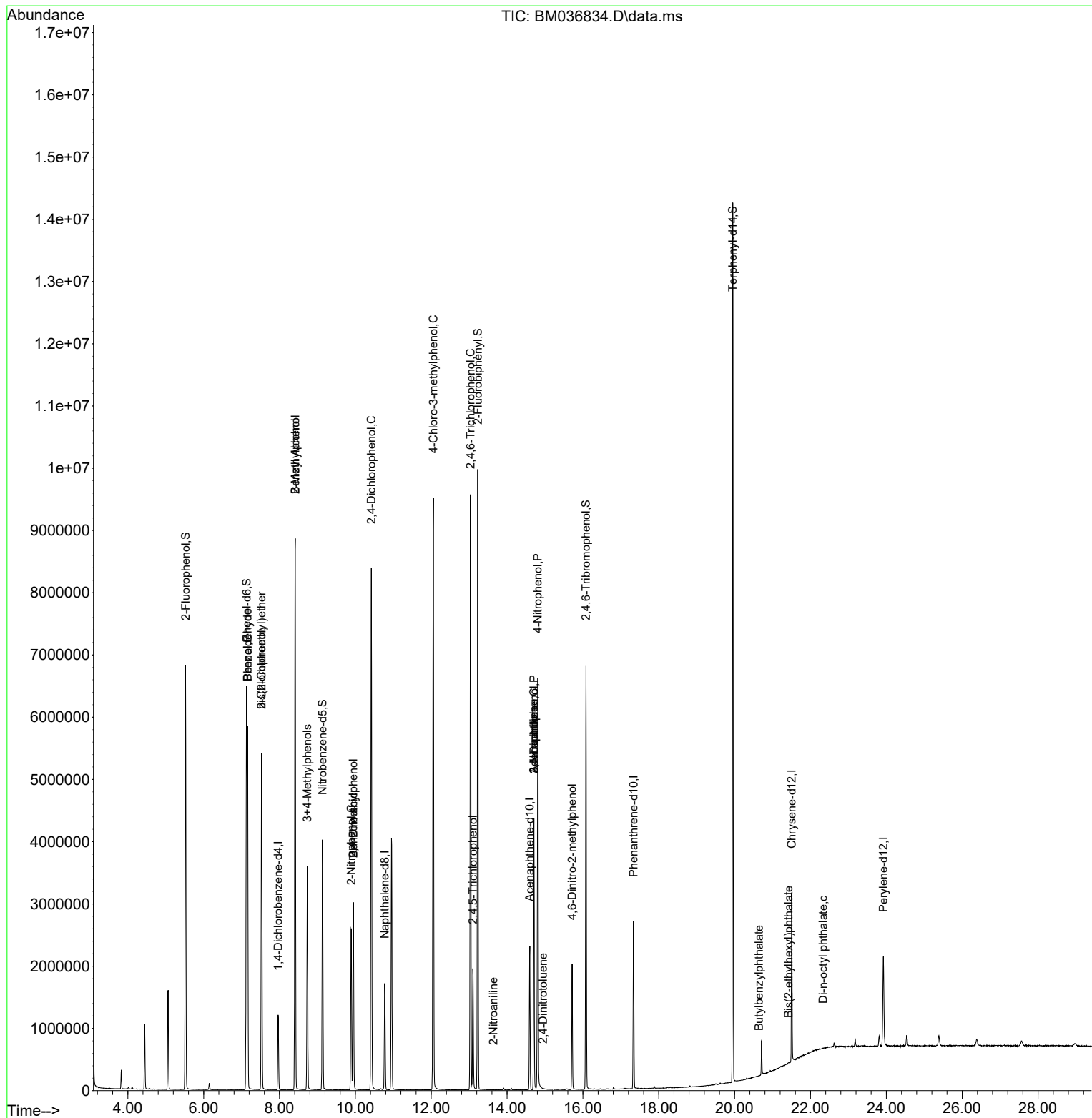
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	305082	20.000	ng	-0.01
21) Naphthalene-d8	10.775	136	1323064	20.000	ng	-0.01
39) Acenaphthene-d10	14.598	164	745003	20.000	ng	0.00
64) Phenanthrene-d10	17.333	188	1473411	20.000	ng	0.00
76) Chrysene-d12	21.504	240	1194044	20.000	ng	0.00
86) Perylene-d12	23.921	264	872865	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	2774012	161.369	ng	0.00
7) Phenol-d6	7.134	99	3732551	154.578	ng	0.00
23) Nitrobenzene-d5	9.134	82	2149826	86.911	ng	-0.01
42) 2,4,6-Tribromophenol	16.080	330	954938	163.432	ng	0.00
45) 2-Fluorobiphenyl	13.228	172	4499469	93.125	ng	0.00
79) Terphenyl-d14	19.951	244	5825100	97.199	ng	0.00
Target Compounds						Qvalue
8) 2-Chlorophenol	7.528	128	2293513	111.813	ng	98
9) Benzaldehyde	7.157	77	34923	2.258	ng	# 4
10) Phenol	7.157	94	2905210	105.044	ng	99
11) bis(2-Chloroethyl)ether	7.528	93	48372	2.141	ng	# 1
15) Benzyl Alcohol	8.416	79	1182523	62.855	ng	# 1
17) 2-Methylphenol	8.416	107	2636577	146.006	ng	98
20) 3+4-Methylphenols	8.734	107	1545094	62.242	ng	90
26) 2-Nitrophenol	9.893	139	800007	74.931	ng	97
27) 2,4-Dimethylphenol	9.945	122	880571	52.040	ng	99
29) 2,4-Dichlorophenol	10.422	162	2731060	152.858	ng	99
32) Benzoic acid	9.945	122	880571	58.631	ng	# 12
36) 4-Chloro-3-methylphenol	12.057	107	3183717	151.573	ng	96
43) 2,4,6-Trichlorophenol	13.039	196	1915024	152.730	ng	99
44) 2,4,5-Trichlorophenol	13.098	196	440619	31.571	ng	100
48) 2-Nitroaniline	13.639	65	60	2.195	ng	# 5
52) Acenaphthene	14.710	154	482778	11.374	ng	# 4
53) 3-Nitroaniline	14.710	138	26804	2.127	ng	# 1
54) 2,4-Dinitrophenol	14.710	184	738660	114.574	ng	97
56) 4-Nitrophenol	14.810	139	1696597	168.398	ng	100
57) 2,4-Dinitrotoluene	14.945	165	101	2.784	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.716	198	322984	40.851	ng	99
80) Butylbenzylphthalate	20.645	149	967	3.328	ng	# 67
84) Bis(2-ethylhexyl)phtha...	21.421	149	1396	2.446	ng	# 75
85) Di-n-octyl phthalate	22.333	149	406	4.060	ng	# 1

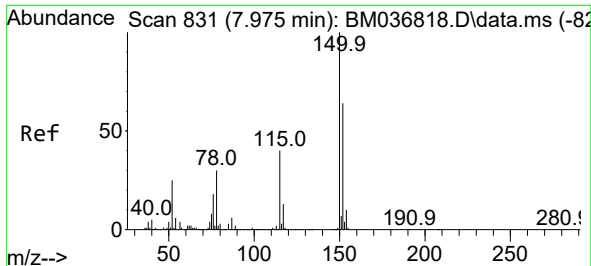
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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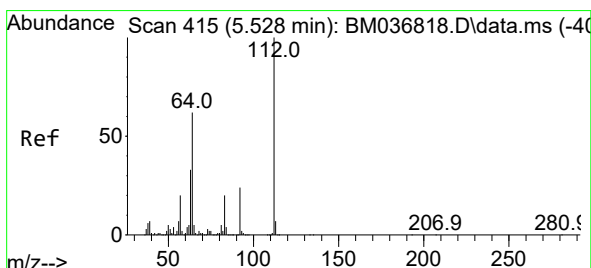
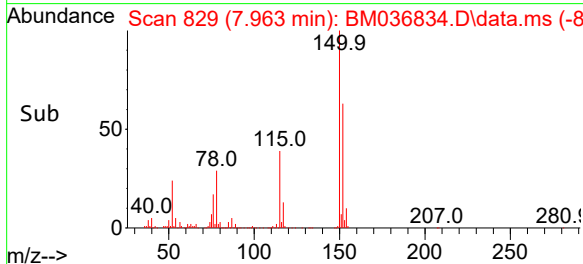
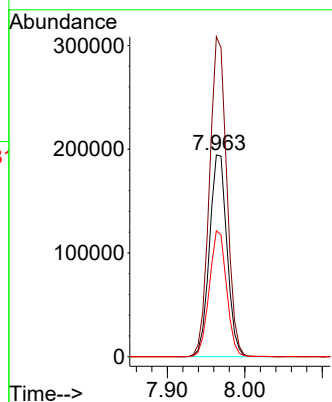
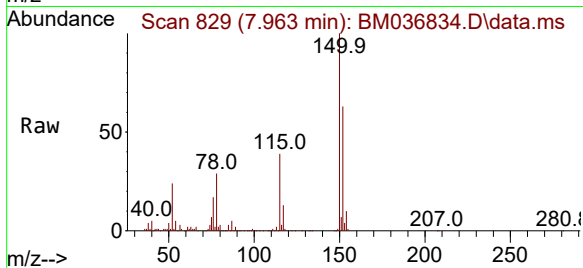




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.963 min Scan# 81
Delta R.T. -0.012 min
Lab File: BM036834.D
Acq: 05 Oct 2022 13:10

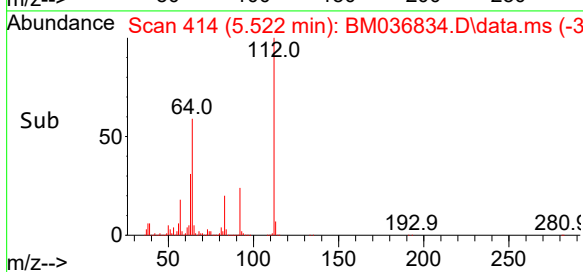
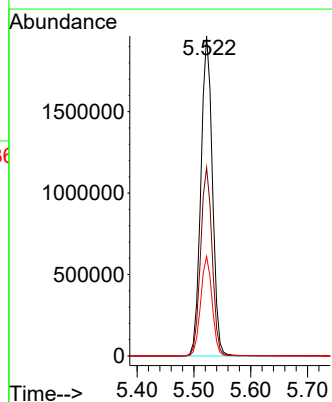
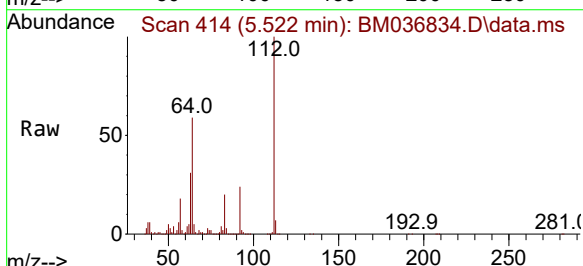
Instrument :
BNA_M
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PT-ACIDS-WP

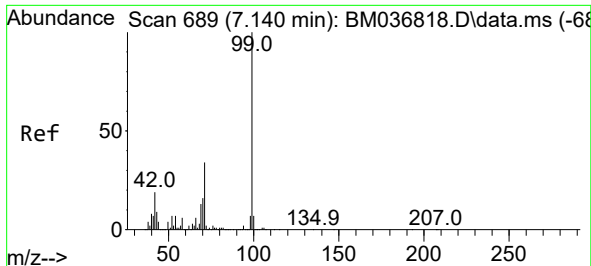
Tgt Ion:152 Resp: 305082
Ion Ratio Lower Upper
152 100
150 158.6 125.9 188.9
115 62.5 50.1 75.1



#5
2-Fluorophenol
Concen: 161.369 ng
RT: 5.522 min Scan# 414
Delta R.T. -0.006 min
Lab File: BM036834.D
Acq: 05 Oct 2022 13:10

Tgt Ion:112 Resp: 2774012
Ion Ratio Lower Upper
112 100
64 58.9 49.6 74.4
63 31.2 26.2 39.4

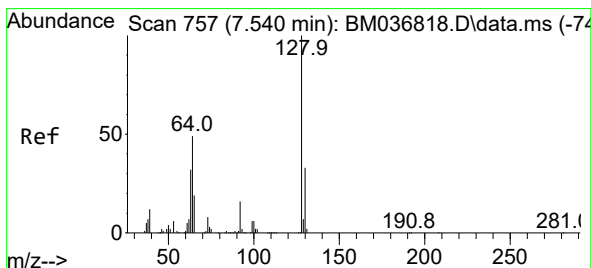
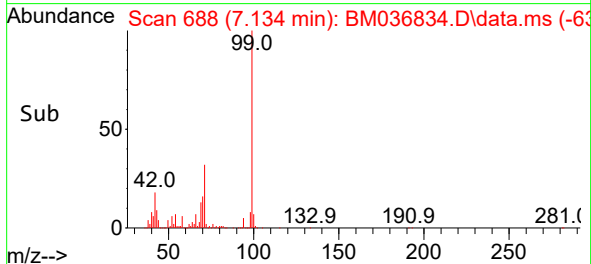
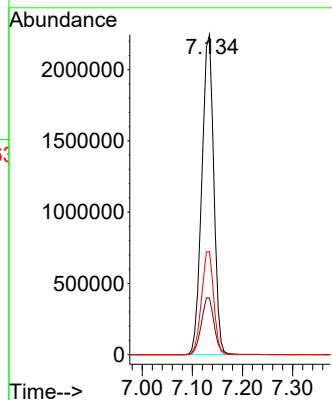
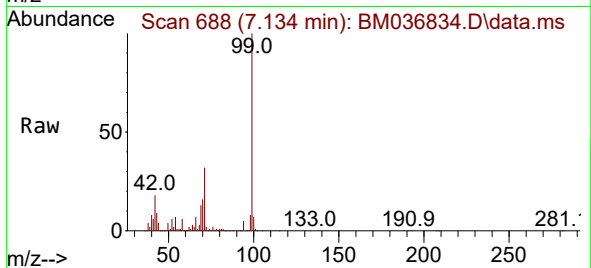




#7
Phenol-d6
Concen: 154.578 ng
RT: 7.134 min Scan# 689
Delta R.T. -0.006 min
Lab File: BM036834.D
Acq: 05 Oct 2022 13:10

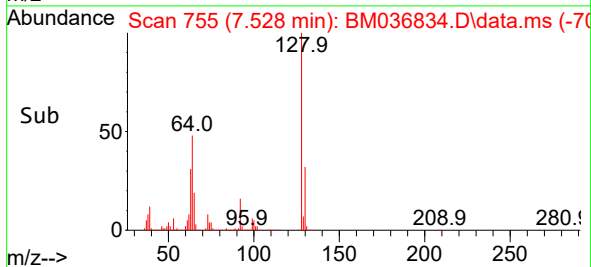
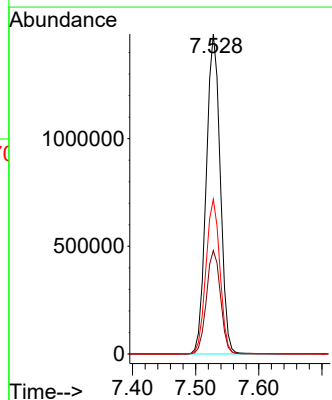
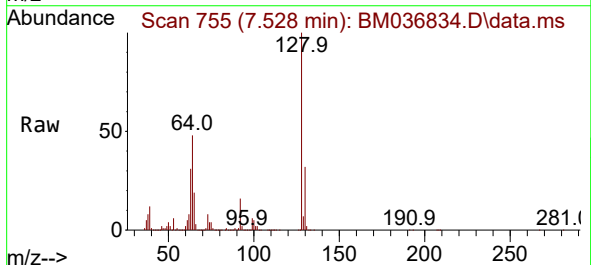
Instrument :
BNA_M
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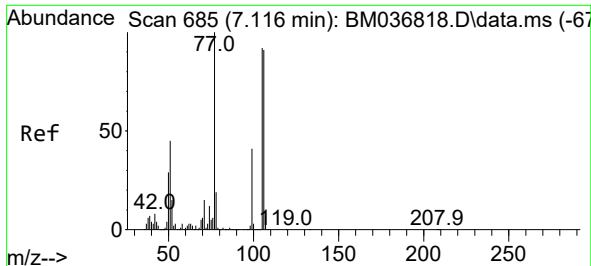
Tgt Ion: 99 Resp: 3732551
Ion Ratio Lower Upper
99 100
42 17.7 15.4 23.0
71 32.2 26.9 40.3



#8
2-Chlorophenol
Concen: 111.813 ng
RT: 7.528 min Scan# 755
Delta R.T. -0.012 min
Lab File: BM036834.D
Acq: 05 Oct 2022 13:10

Tgt Ion: 128 Resp: 2293513
Ion Ratio Lower Upper
128 100
130 32.3 12.8 52.8
64 48.4 30.8 70.8

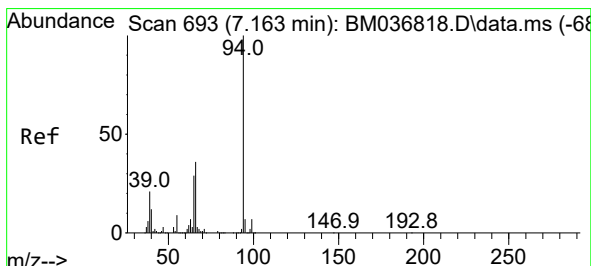
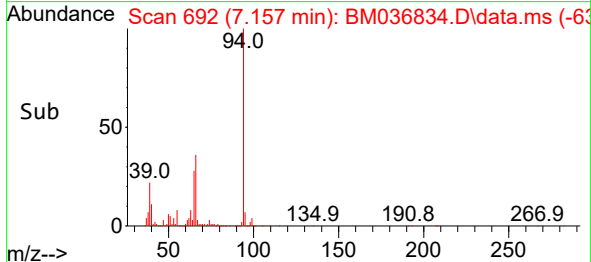
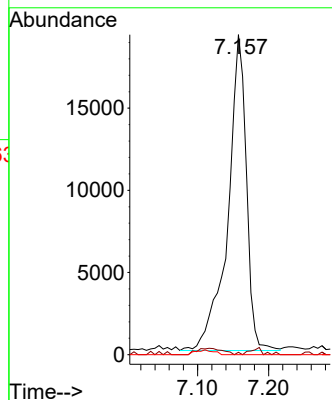
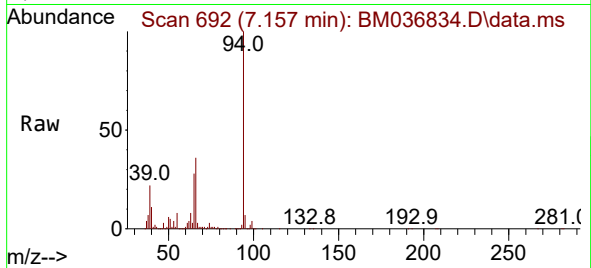




#9
Benzaldehyde
Concen: 2.258 ng
RT: 7.157 min Scan# 691
Delta R.T. 0.041 min
Lab File: BM036834.D
Acq: 05 Oct 2022 13:10

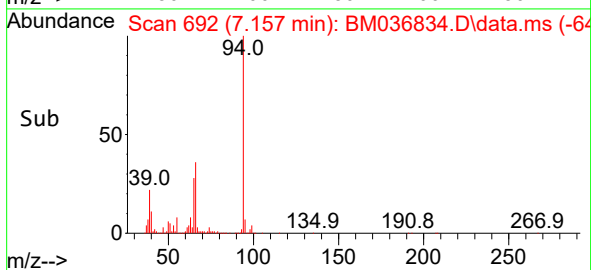
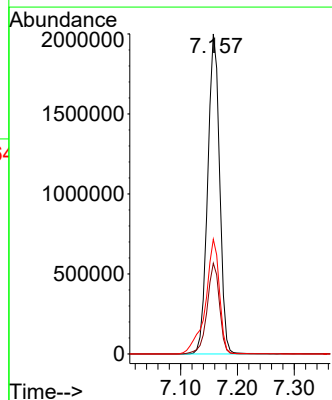
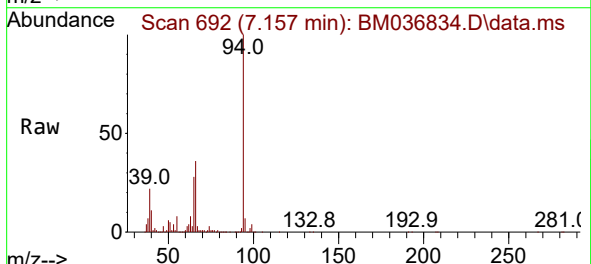
Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WP

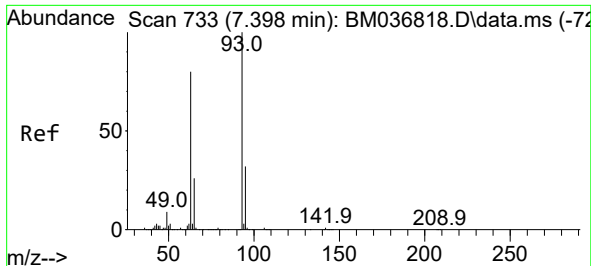
Tgt Ion: 77 Resp: 34923
Ion Ratio Lower Upper
77 100
105 0.8 72.4 112.4#
106 0.0 70.9 110.9#



#10
Phenol
Concen: 105.044 ng
RT: 7.157 min Scan# 692
Delta R.T. -0.006 min
Lab File: BM036834.D
Acq: 05 Oct 2022 13:10

Tgt Ion: 94 Resp: 2905210
Ion Ratio Lower Upper
94 100
65 28.4 8.8 48.8
66 35.9 16.6 56.6

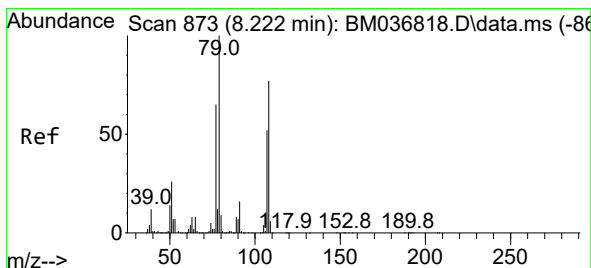
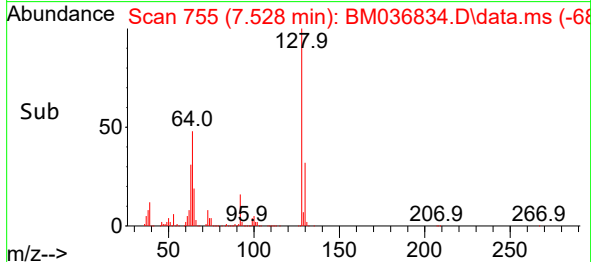
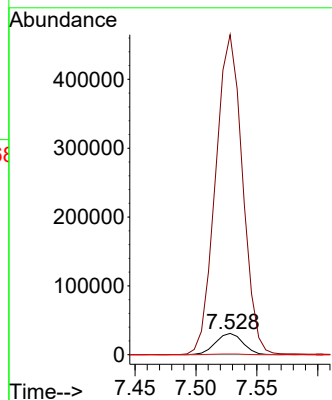
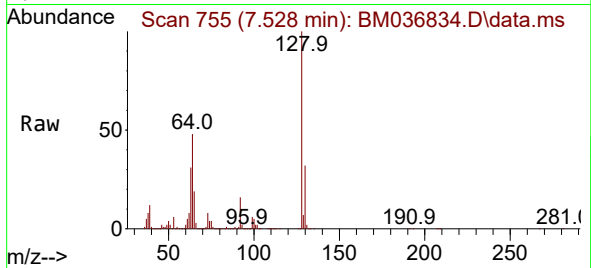




#11
bis(2-Chloroethyl)ether
Concen: 2.141 ng
RT: 7.528 min Scan# 71
Delta R.T. 0.130 min
Lab File: BM036834.D
Acq: 05 Oct 2022 13:10

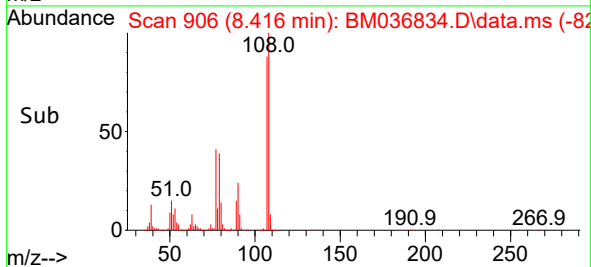
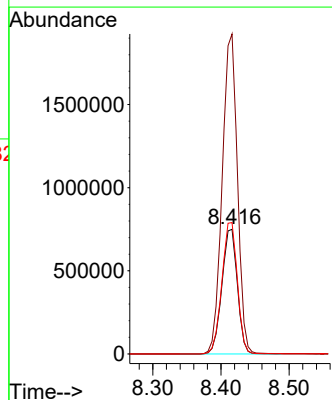
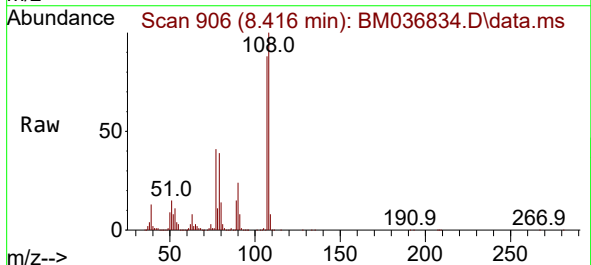
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BNA_M
ClientSampleId :
PT-ACIDS-WP

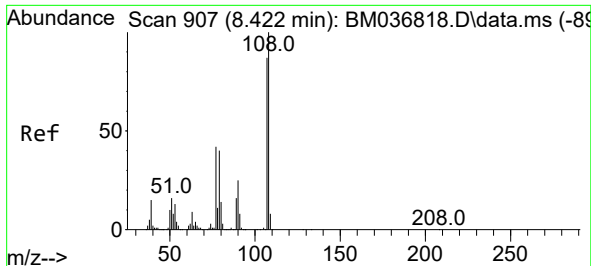
Tgt Ion: 93 Resp: 48372
Ion Ratio Lower Upper
93 100
63 1507.3 60.1 100.1#
95 3.2 11.9 51.9#



#15
Benzyl Alcohol
Concen: 62.855 ng
RT: 8.416 min Scan# 906
Delta R.T. 0.194 min
Lab File: BM036834.D
Acq: 05 Oct 2022 13:10

Tgt Ion: 79 Resp: 1182523
Ion Ratio Lower Upper
79 100
108 256.6 61.8 92.6#
77 105.3 51.8 77.8#

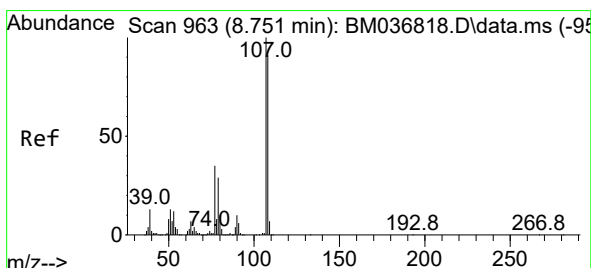
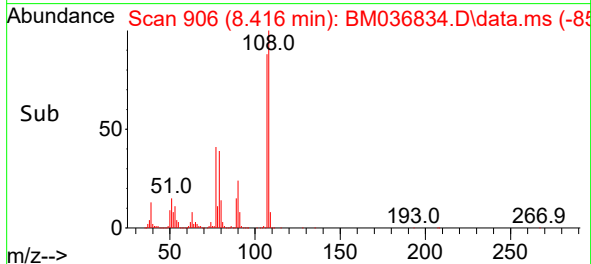
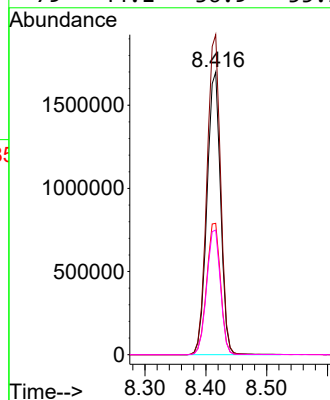
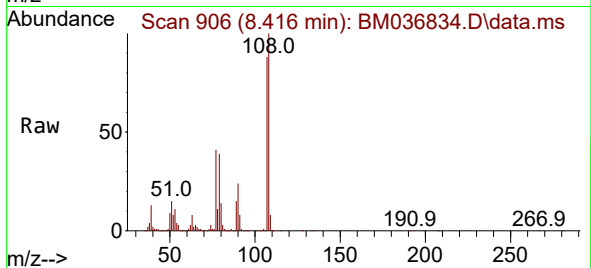




#17
2-Methylphenol
Concen: 146.006 ng
RT: 8.416 min Scan# 907
Delta R.T. -0.006 min
Lab File: BM036834.D
Acq: 05 Oct 2022 13:10

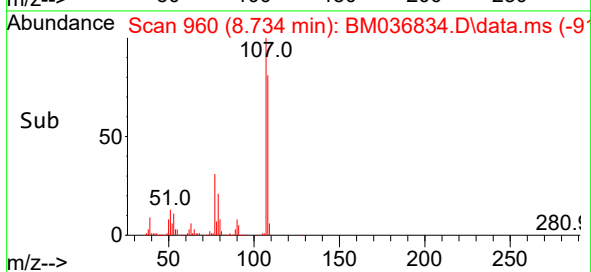
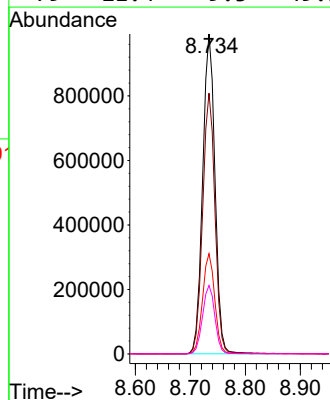
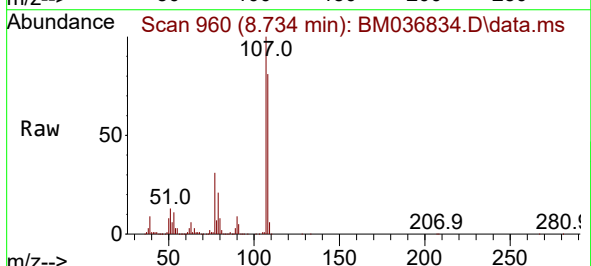
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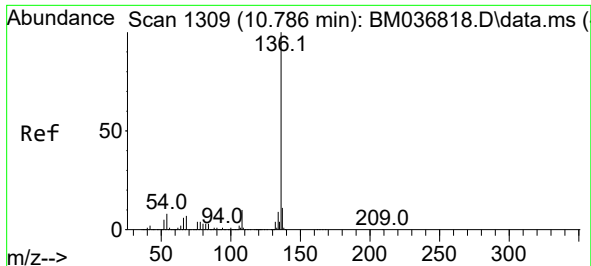
Tgt Ion:107 Resp: 2636577
Ion Ratio Lower Upper
107 100
108 113.2 91.8 137.6
77 46.5 38.6 57.8
79 44.1 36.9 55.3



#20
3+4-Methylphenols
Concen: 62.242 ng
RT: 8.734 min Scan# 960
Delta R.T. -0.018 min
Lab File: BM036834.D
Acq: 05 Oct 2022 13:10

Tgt Ion:107 Resp: 1545094
Ion Ratio Lower Upper
107 100
108 81.5 70.8 110.8
77 31.4 15.1 55.1
79 21.4 9.3 49.3

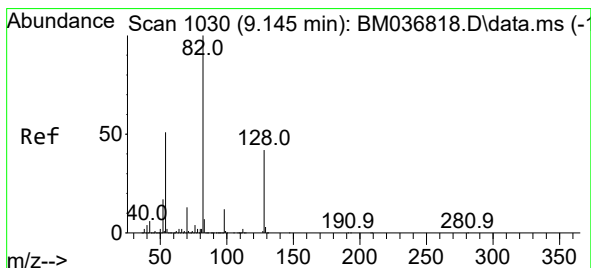
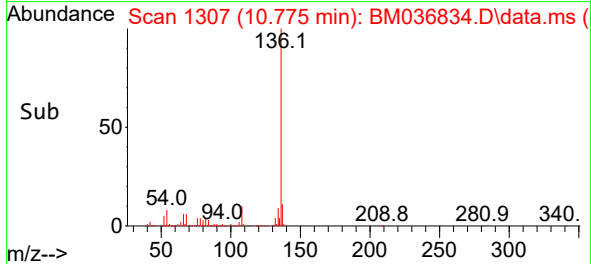
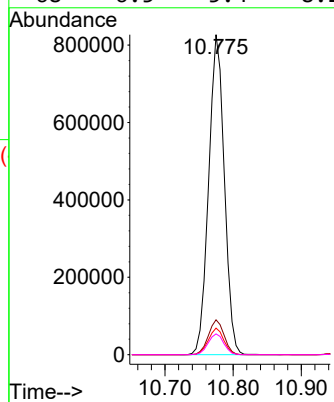
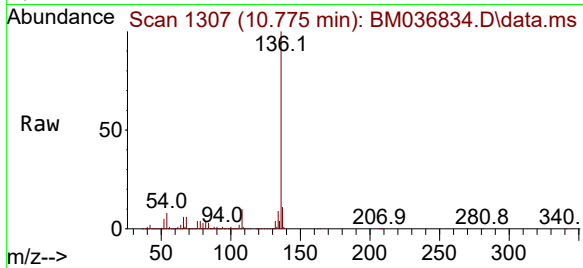




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.775 min Scan# 11
Delta R.T. -0.011 min
Lab File: BM036834.D
Acq: 05 Oct 2022 13:10

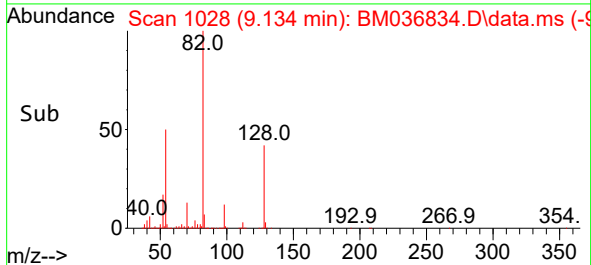
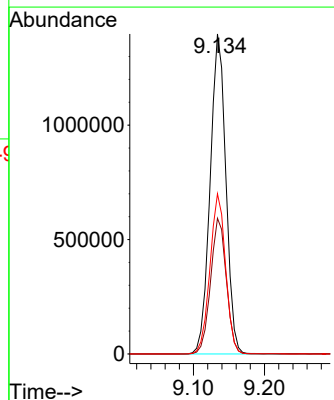
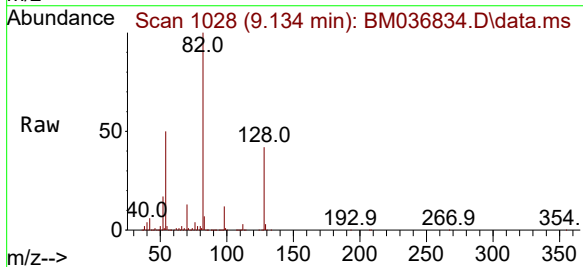
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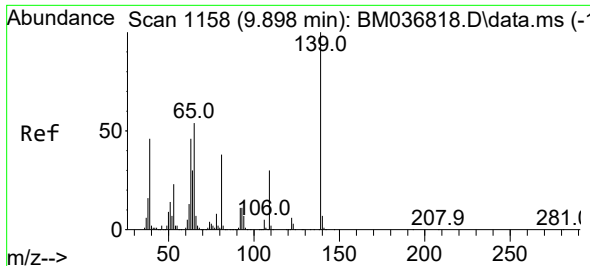
Tgt Ion:136 Resp: 1323064
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.3 6.7 10.1
68 6.5 5.4 8.2



#23
Nitrobenzene-d5
Concen: 86.911 ng
RT: 9.134 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BM036834.D
Acq: 05 Oct 2022 13:10

Tgt Ion: 82 Resp: 2149826
Ion Ratio Lower Upper
82 100
128 42.4 33.2 49.8
54 50.1 40.6 60.8

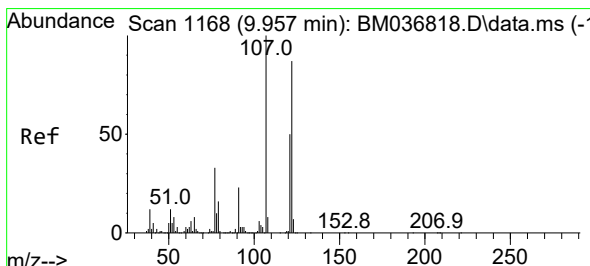
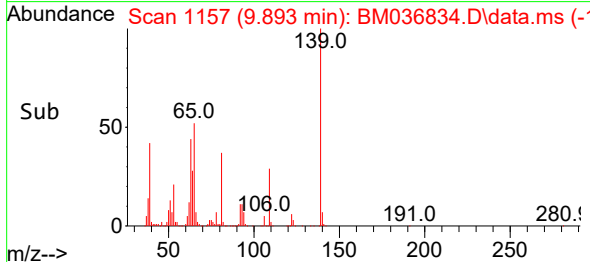
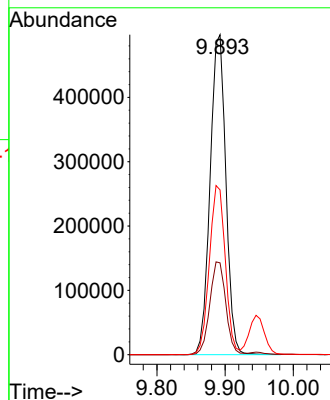
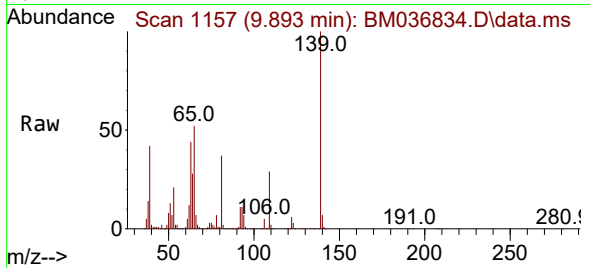




#26
2-Nitrophenol
Concen: 74.931 ng
RT: 9.893 min Scan# 1157
Delta R.T. -0.005 min
Lab File: BM036834.D
Acq: 05 Oct 2022 13:10

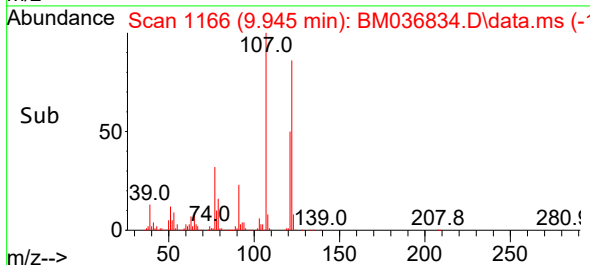
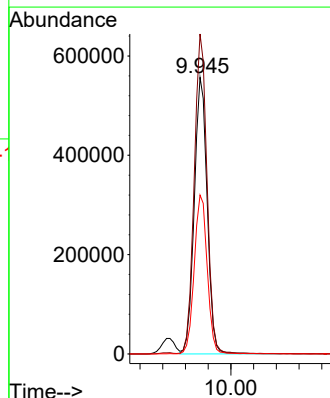
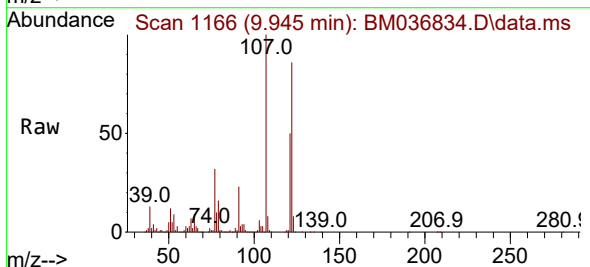
Instrument :
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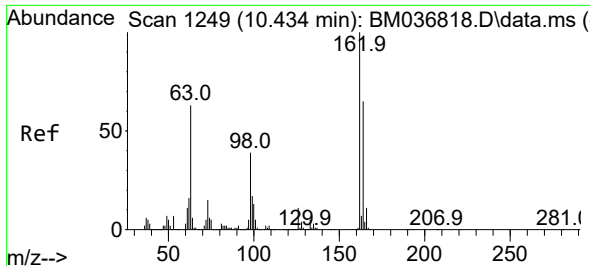
Tgt Ion:139 Resp: 800007
Ion Ratio Lower Upper
139 100
109 28.7 24.2 36.2
65 51.5 43.4 65.2



#27
2,4-Dimethylphenol
Concen: 52.040 ng
RT: 9.945 min Scan# 1166
Delta R.T. -0.012 min
Lab File: BM036834.D
Acq: 05 Oct 2022 13:10

Tgt Ion:122 Resp: 880571
Ion Ratio Lower Upper
122 100
107 115.7 91.7 137.5
121 57.4 46.0 69.0





#29

2,4-Dichlorophenol

Concen: 152.858 ng

RT: 10.422 min Scan# 1166

Delta R.T. -0.012 min

Lab File: BM036834.D

Acq: 05 Oct 2022 13:10

Instrument :

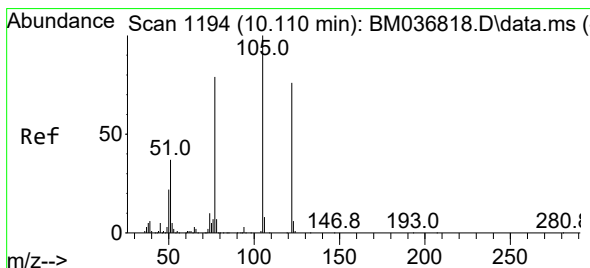
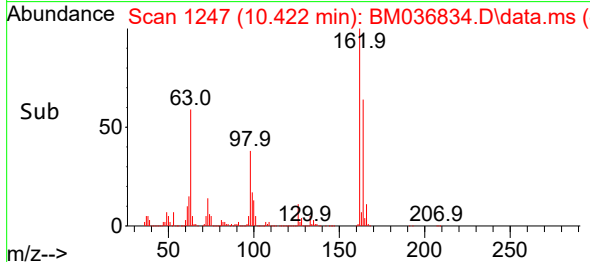
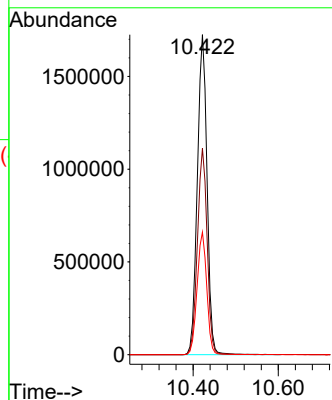
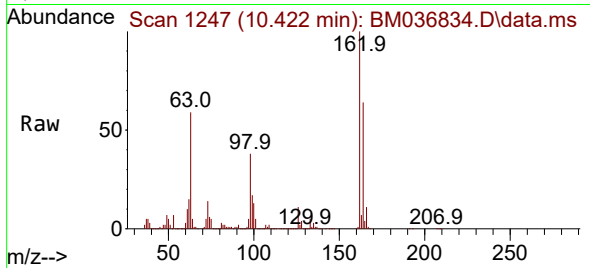
BNA_M

ClientSampleId :

PT-ACIDS-WP

Tgt Ion:162 Resp: 2731060

Ion	Ratio	Lower	Upper
162	100		
164	64.5	45.0	85.0
98	38.3	19.4	59.4



#32

Benzoic acid

Concen: 58.631 ng

RT: 9.945 min Scan# 1166

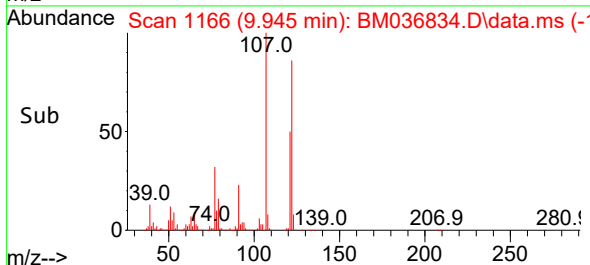
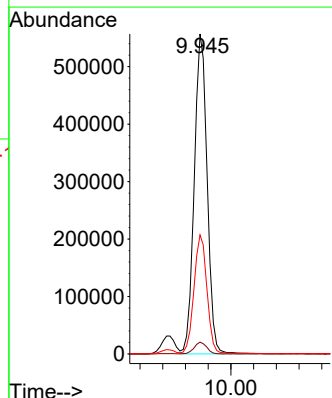
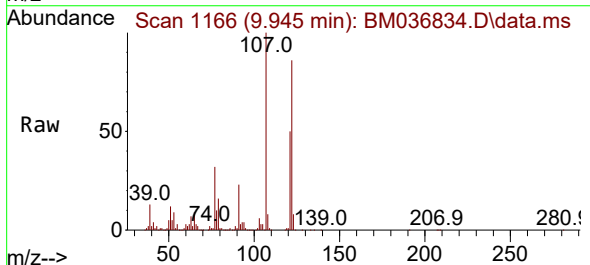
Delta R.T. -0.165 min

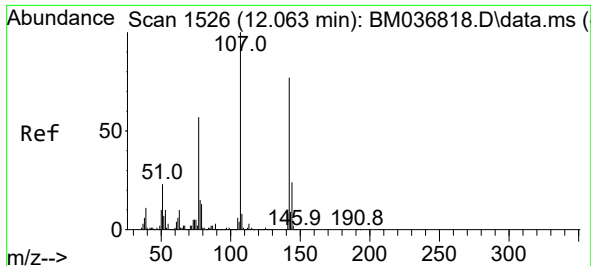
Lab File: BM036834.D

Acq: 05 Oct 2022 13:10

Tgt Ion:122 Resp: 880571

Ion	Ratio	Lower	Upper
122	100		
105	3.7	106.4	146.4#
77	37.2	81.4	121.4#

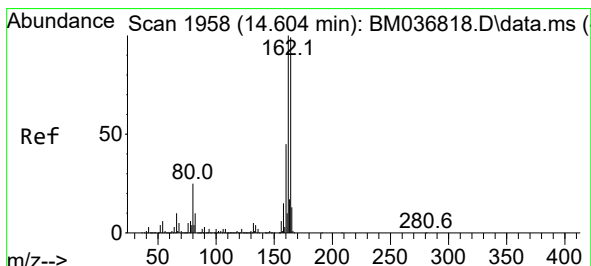
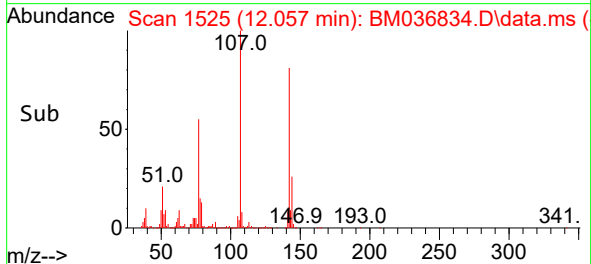
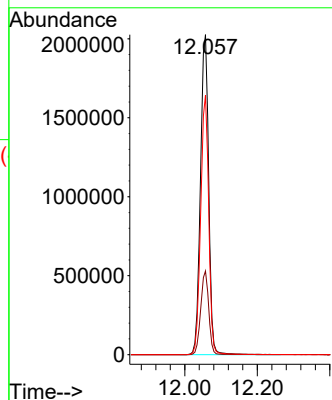
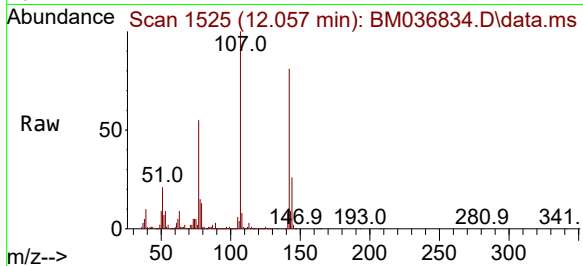




#36
4-Chloro-3-methylphenol
Concen: 151.573 ng
RT: 12.057 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM036834.D
Acq: 05 Oct 2022 13:10

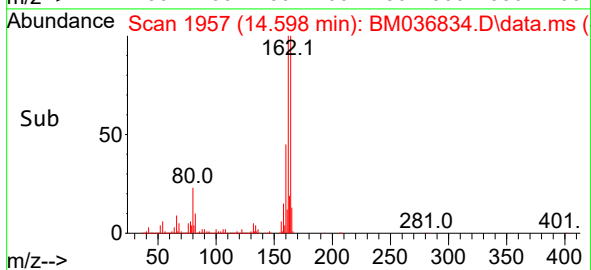
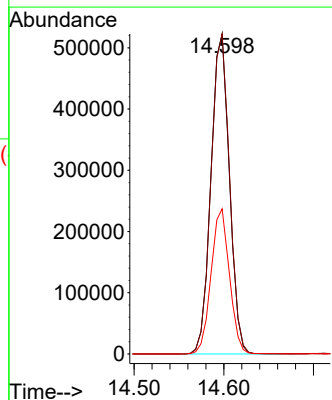
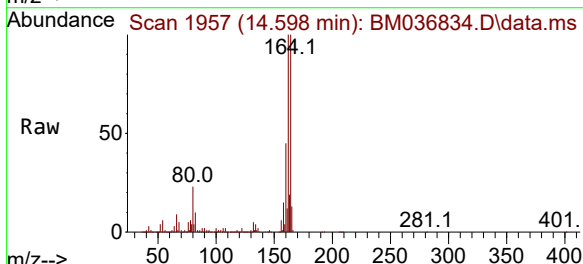
Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WP

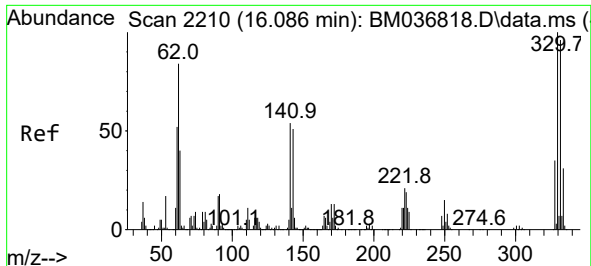
Tgt Ion:107 Resp: 3183717
Ion Ratio Lower Upper
107 100
144 26.2 19.4 29.2
142 81.1 61.8 92.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.598 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BM036834.D
Acq: 05 Oct 2022 13:10

Tgt Ion:164 Resp: 745003
Ion Ratio Lower Upper
164 100
162 100.0 80.5 120.7
160 45.3 36.1 54.1





#42

2,4,6-Tribromophenol

Concen: 163.432 ng

RT: 16.080 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM036834.D

Acq: 05 Oct 2022 13:10

Instrument :

BNA_M

ClientSampleId :

PT-ACIDS-WP

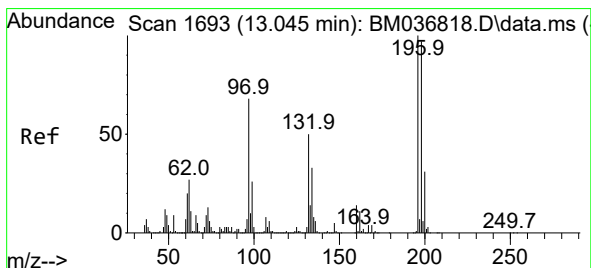
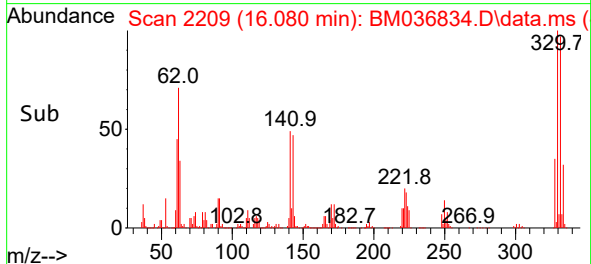
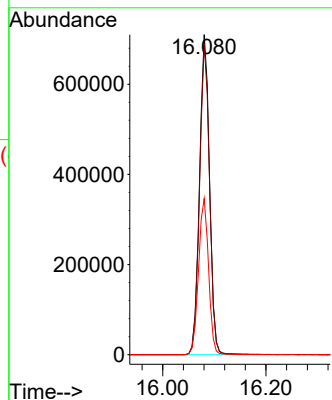
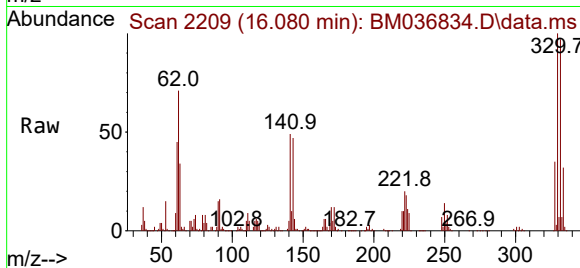
Tgt Ion:330 Resp: 954938

Ion Ratio Lower Upper

330 100

332 96.5 76.8 115.2

141 48.9 41.5 62.3



#43

2,4,6-Trichlorophenol

Concen: 152.730 ng

RT: 13.039 min Scan# 1692

Delta R.T. -0.006 min

Lab File: BM036834.D

Acq: 05 Oct 2022 13:10

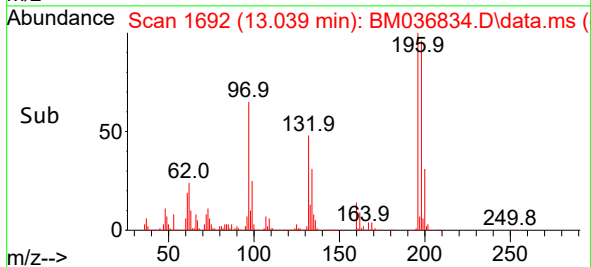
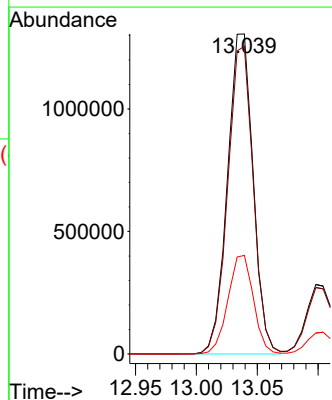
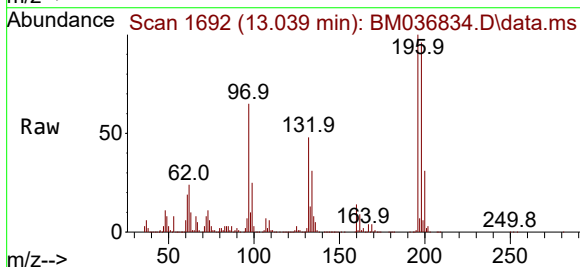
Tgt Ion:196 Resp: 1915024

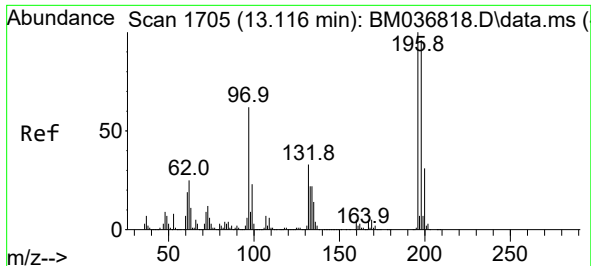
Ion Ratio Lower Upper

196 100

198 96.2 77.5 116.3

200 30.8 25.0 37.4

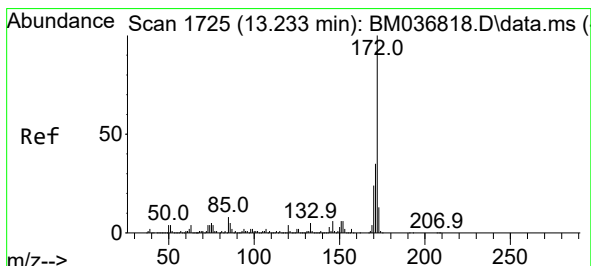
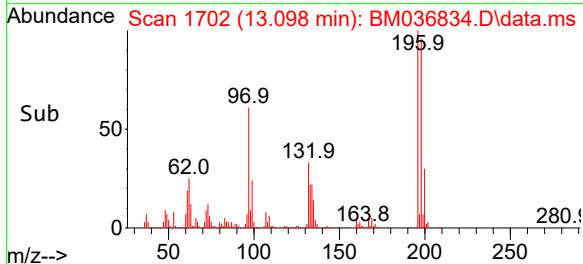
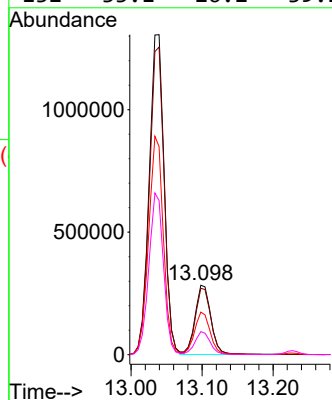
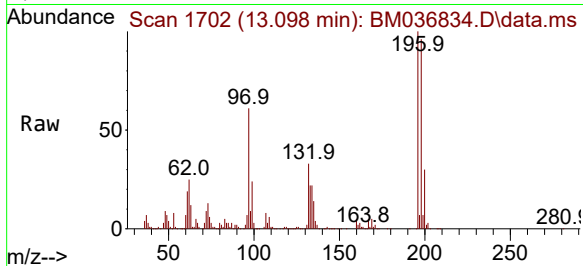




#44
2,4,5-Trichlorophenol
Concen: 31.571 ng
RT: 13.098 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM036834.D
Acq: 05 Oct 2022 13:10

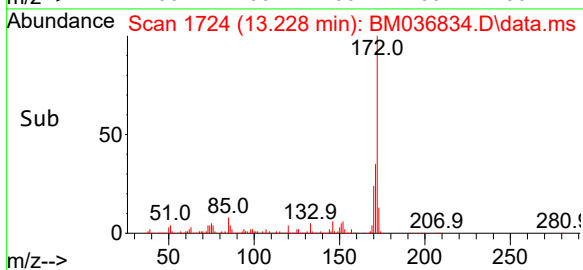
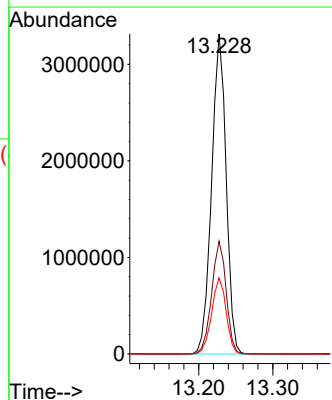
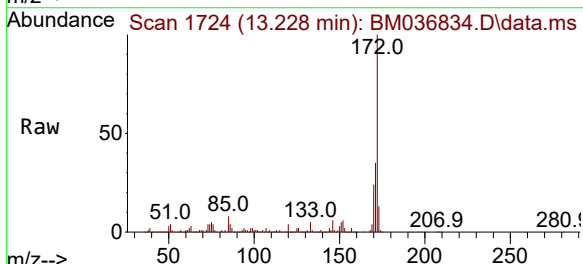
Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WP

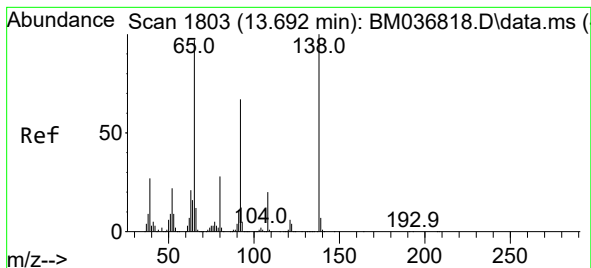
Tgt Ion:196 Resp: 440619
Ion Ratio Lower Upper
196 100
198 95.6 76.9 115.3
97 61.4 49.4 74.0
132 33.1 26.2 39.2



#45
2-Fluorobiphenyl
Concen: 93.125 ng
RT: 13.228 min Scan# 1724
Delta R.T. -0.006 min
Lab File: BM036834.D
Acq: 05 Oct 2022 13:10

Tgt Ion:172 Resp: 4499469
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 23.8 19.0 28.6





#48

2-Nitroaniline

Concen: 2.195 ng

RT: 13.639 min Scan# 1

Delta R.T. -0.053 min

Lab File: BM036834.D

Acq: 05 Oct 2022 13:10

Instrument :

BNA_M

ClientSampleId :

PT-ACIDS-WP

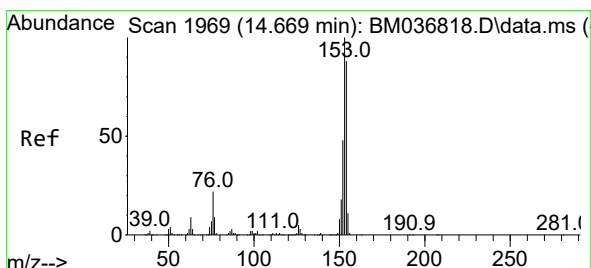
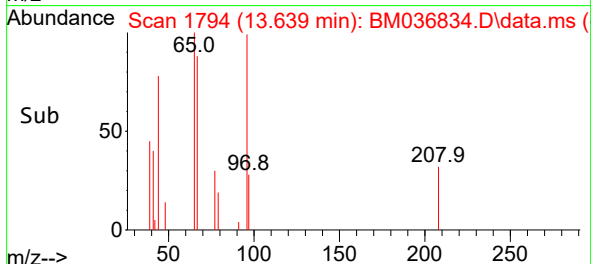
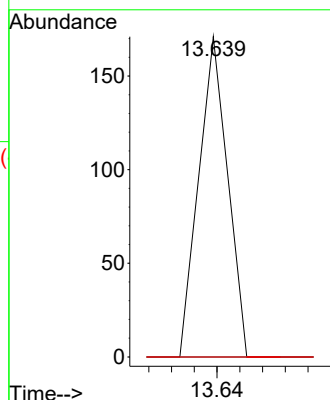
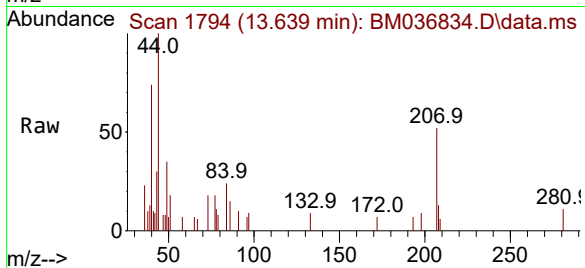
Tgt Ion: 65 Resp: 60

Ion Ratio Lower Upper

65 100

92 0.0 55.0 82.4#

138 0.0 82.5 123.7#



#52

Acenaphthene

Concen: 11.374 ng

RT: 14.710 min Scan# 1976

Delta R.T. 0.041 min

Lab File: BM036834.D

Acq: 05 Oct 2022 13:10

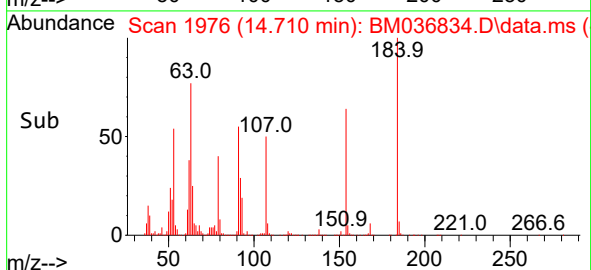
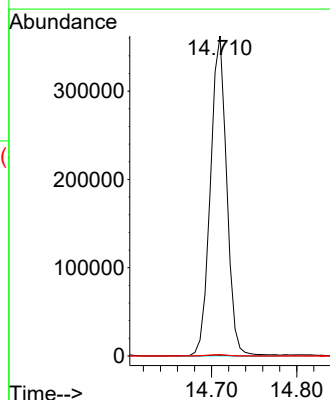
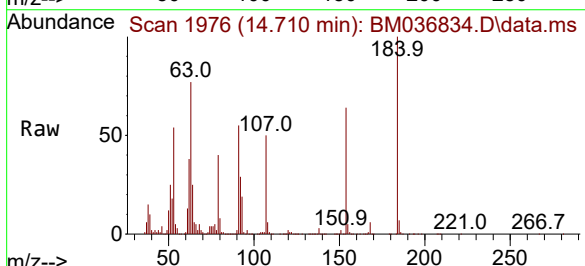
Tgt Ion: 154 Resp: 482778

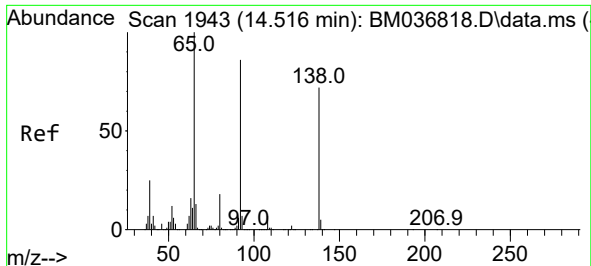
Ion Ratio Lower Upper

154 100

153 0.2 91.4 137.0#

152 0.5 44.0 66.0#

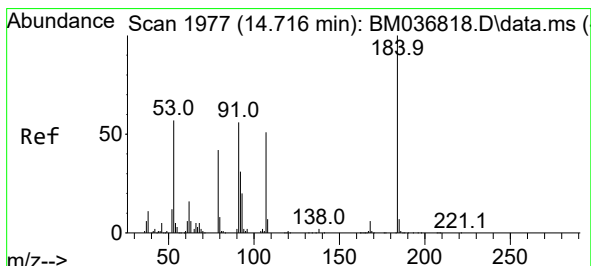
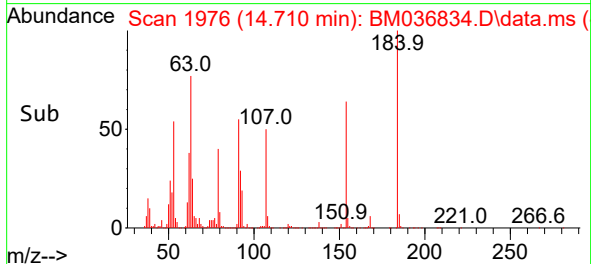
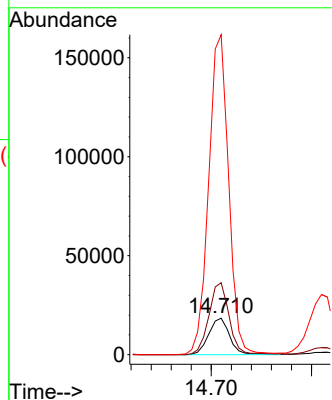
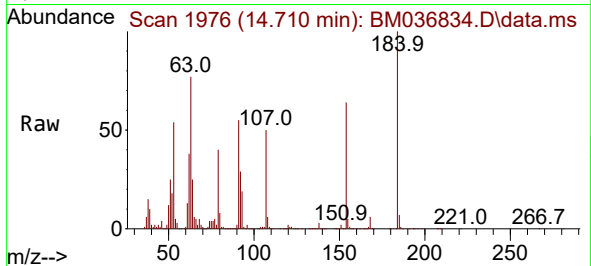




#53
3-Nitroaniline
Concen: 2.127 ng
RT: 14.710 min Scan# 1943
Delta R.T. 0.194 min
Lab File: BM036834.D
Acq: 05 Oct 2022 13:10

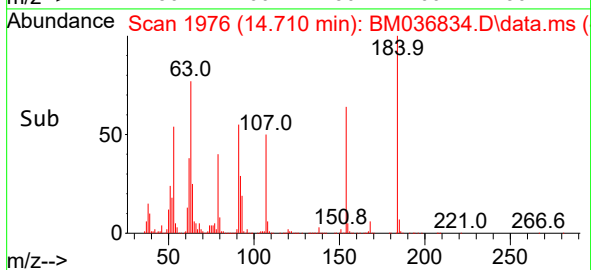
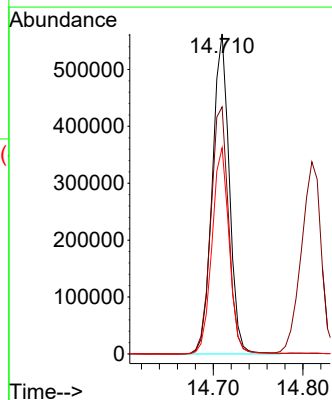
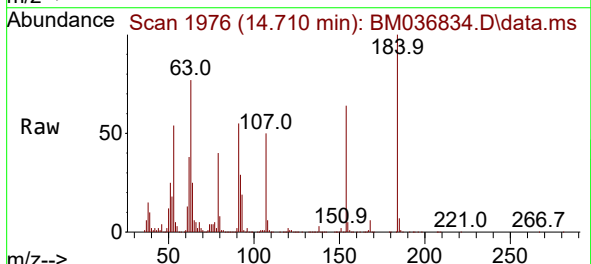
Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WP

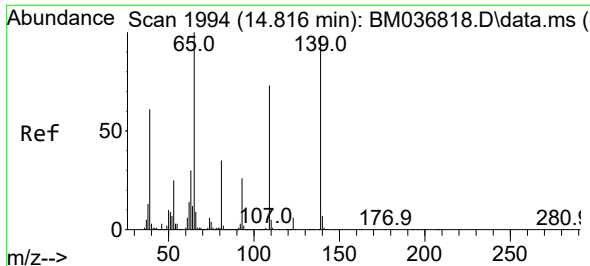
Tgt Ion:138 Resp: 26804
Ion Ratio Lower Upper
138 100
108 197.0 7.8 11.8#
92 875.2 95.9 143.9#



#54
2,4-Dinitrophenol
Concen: 114.574 ng
RT: 14.710 min Scan# 1976
Delta R.T. -0.006 min
Lab File: BM036834.D
Acq: 05 Oct 2022 13:10

Tgt Ion:184 Resp: 738660
Ion Ratio Lower Upper
184 100
63 77.2 65.0 97.6
154 64.5 50.4 75.6

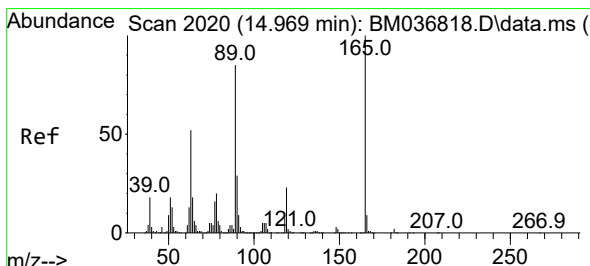
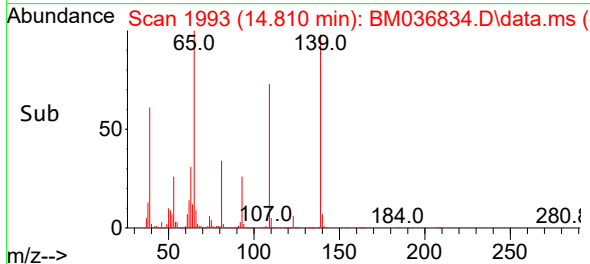
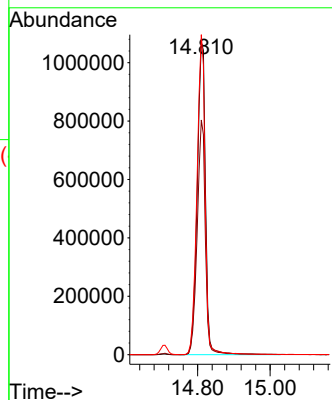
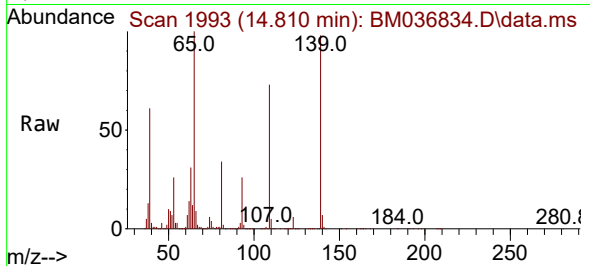




#56
4-Nitrophenol
Concen: 168.398 ng
RT: 14.810 min Scan# 1994
Delta R.T. -0.006 min
Lab File: BM036834.D
Acq: 05 Oct 2022 13:10

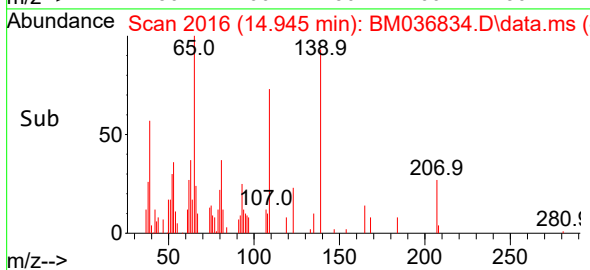
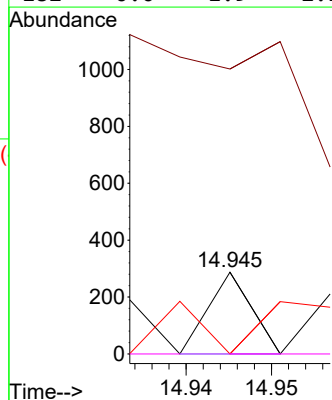
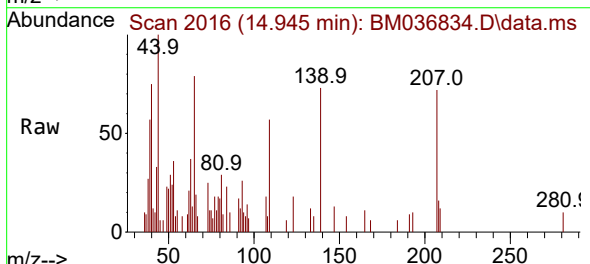
Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WP

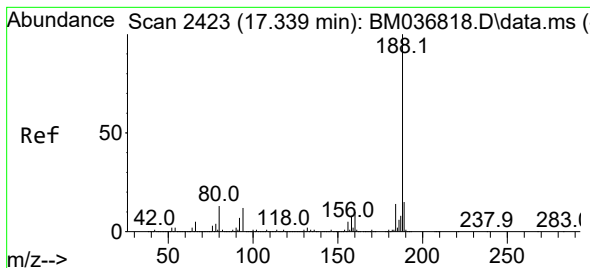
Tgt Ion:139 Resp: 1696597
Ion Ratio Lower Upper
139 100
109 75.1 54.9 94.9
65 102.4 82.6 122.6



#57
2,4-Dinitrotoluene
Concen: 2.784 ng
RT: 14.945 min Scan# 2016
Delta R.T. -0.024 min
Lab File: BM036834.D
Acq: 05 Oct 2022 13:10

Tgt Ion:165 Resp: 101
Ion Ratio Lower Upper
165 100
63 349.1 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: BM036834.D

Acq: 05 Oct 2022 13:10

Instrument :

BNA_M

ClientSampleId :

PT-ACIDS-WP

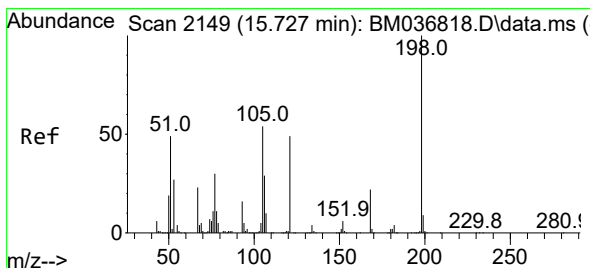
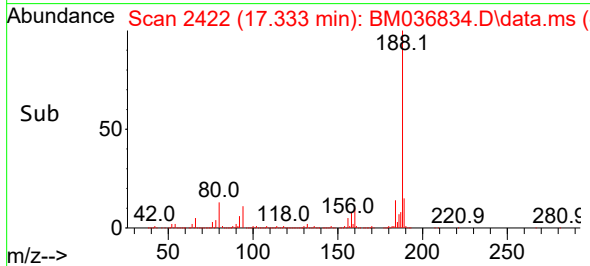
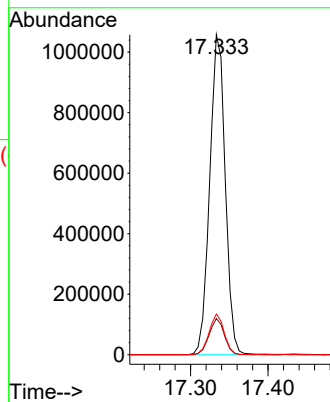
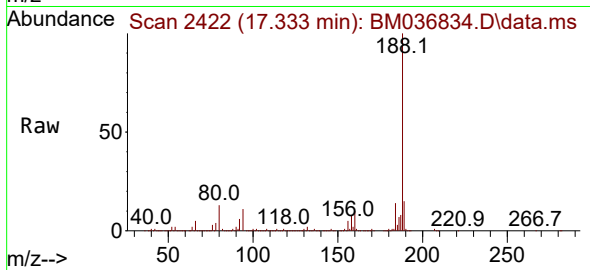
Tgt Ion:188 Resp: 1473411

Ion Ratio Lower Upper

188 100

94 11.3 9.4 14.0

80 12.7 10.2 15.4



#65

4,6-Dinitro-2-methylphenol

Concen: 40.851 ng

RT: 15.716 min Scan# 2147

Delta R.T. -0.011 min

Lab File: BM036834.D

Acq: 05 Oct 2022 13:10

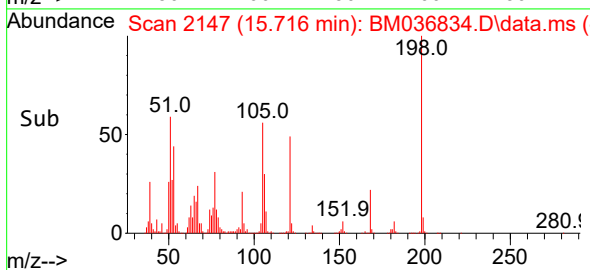
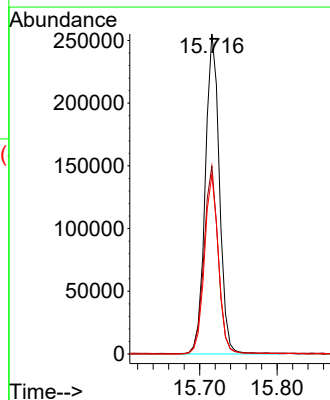
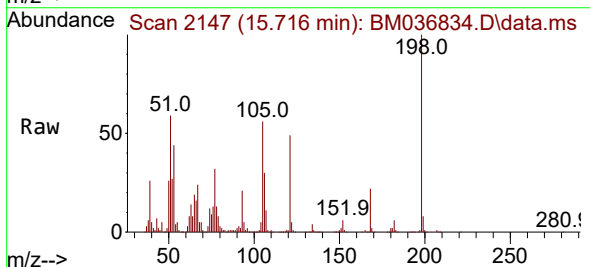
Tgt Ion:198 Resp: 322984

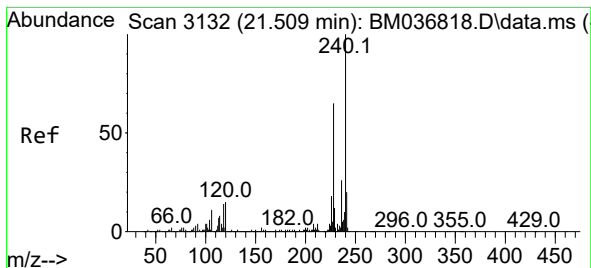
Ion Ratio Lower Upper

198 100

51 58.7 37.7 77.7

105 55.9 35.3 75.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.504 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM036834.D

Acq: 05 Oct 2022 13:10

Instrument :

BNA_M

ClientSampleId :

PT-ACIDS-WP

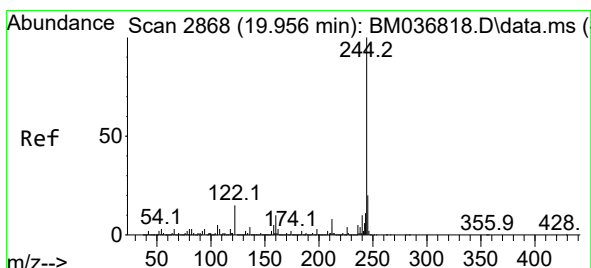
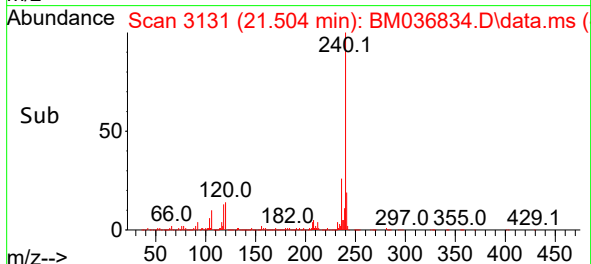
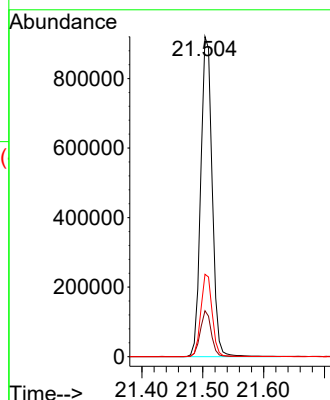
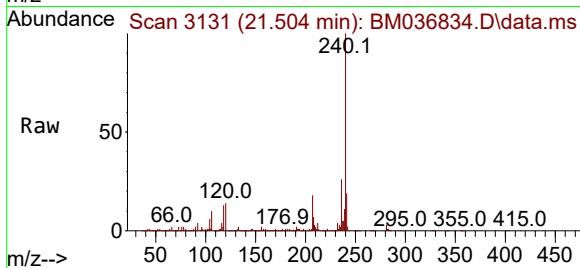
Tgt Ion:240 Resp: 1194044

Ion Ratio Lower Upper

240 100

120 14.4 12.1 18.1

236 25.8 20.8 31.2



#79

Terphenyl-d14

Concen: 97.199 ng

RT: 19.951 min Scan# 2867

Delta R.T. -0.006 min

Lab File: BM036834.D

Acq: 05 Oct 2022 13:10

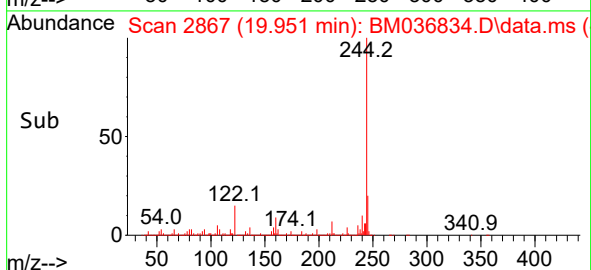
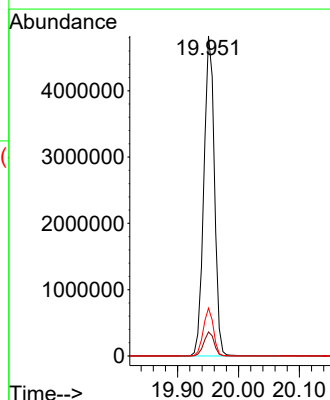
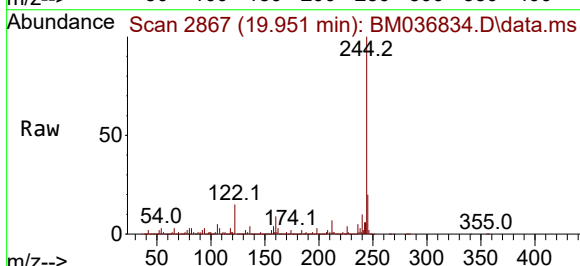
Tgt Ion:244 Resp: 5825100

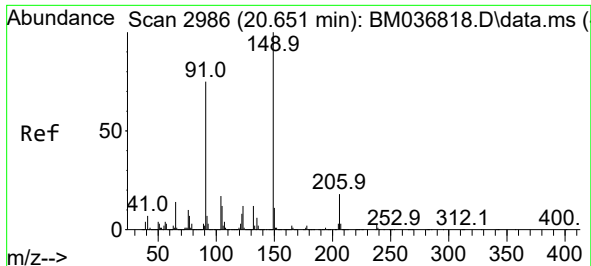
Ion Ratio Lower Upper

244 100

212 7.5 6.3 9.5

122 15.0 12.0 18.0

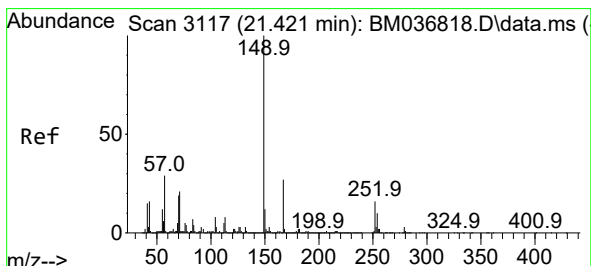
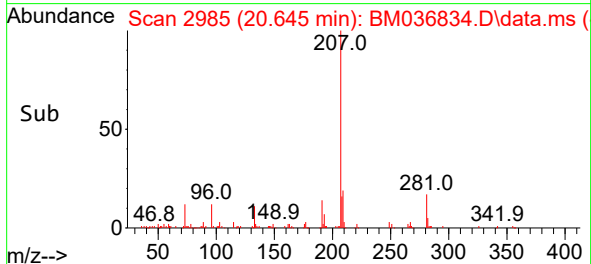
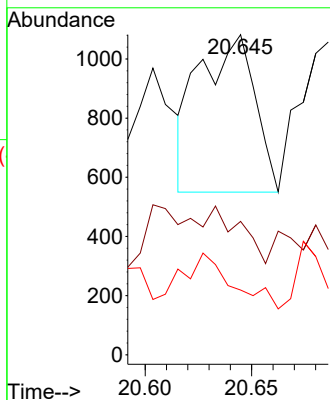
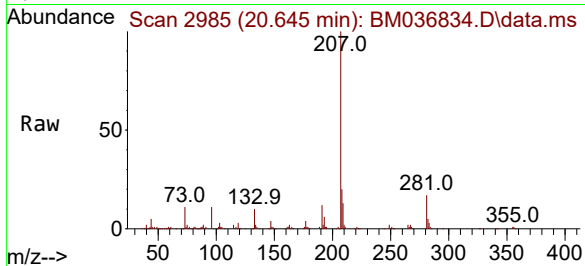




#80
Butylbenzylphthalate
Concen: 3.328 ng
RT: 20.645 min Scan# 2986
Delta R.T. -0.006 min
Lab File: BM036834.D
Acq: 05 Oct 2022 13:10

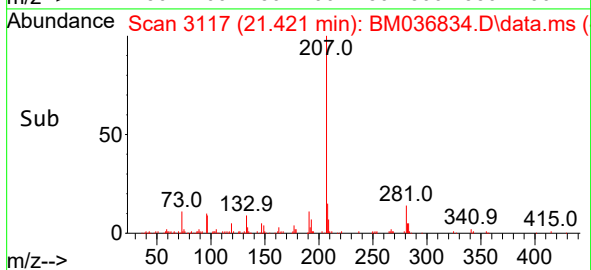
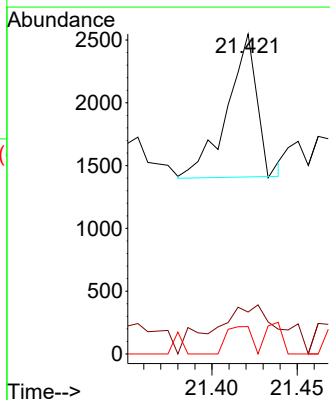
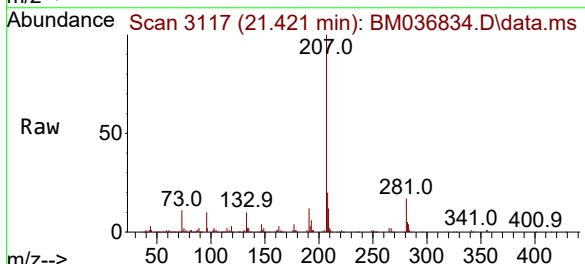
Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WP

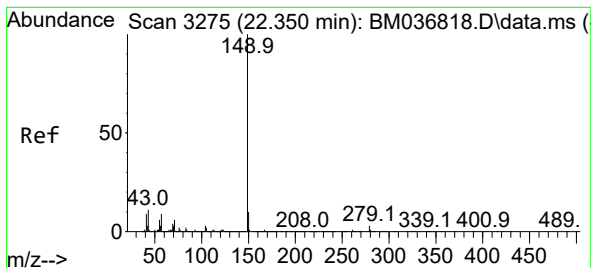
Tgt Ion:149 Resp: 967
Ion Ratio Lower Upper
149 100
91 41.7 60.4 90.6#
206 20.2 14.4 21.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 2.446 ng
RT: 21.421 min Scan# 3117
Delta R.T. 0.000 min
Lab File: BM036834.D
Acq: 05 Oct 2022 13:10

Tgt Ion:149 Resp: 1396
Ion Ratio Lower Upper
149 100
167 13.1 21.3 31.9#
279 8.6 2.4 3.6#





#85

Di-n-octyl phthalate

Concen: 4.060 ng

RT: 22.333 min Scan# 31

Delta R.T. -0.017 min

Lab File: BM036834.D

Acq: 05 Oct 2022 13:10

Instrument :

BNA_M

ClientSampleId :

PT-ACIDS-WP

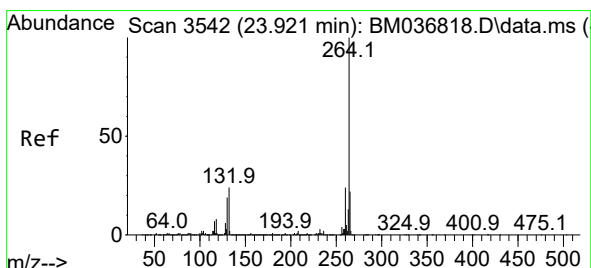
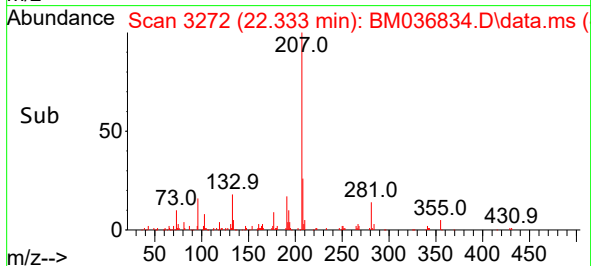
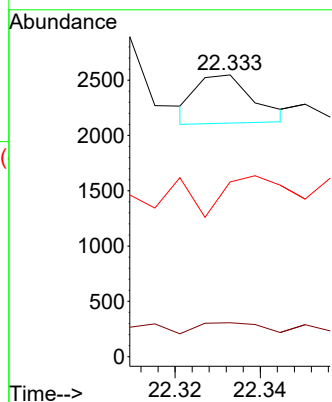
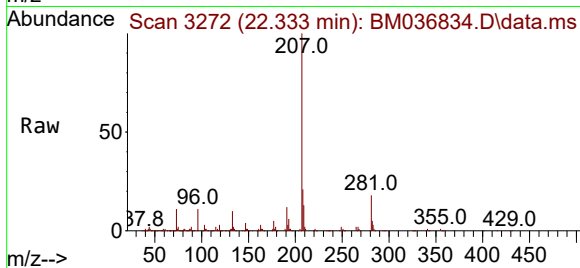
Tgt Ion:149 Resp: 406

Ion Ratio Lower Upper

149 100

167 25.6 1.2 1.8#

43 100.0 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: BM036834.D

Acq: 05 Oct 2022 13:10

Tgt Ion:264 Resp: 872865

Ion Ratio Lower Upper

264 100

260 24.9 19.3 28.9

265 22.2 17.9 26.9

