

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)

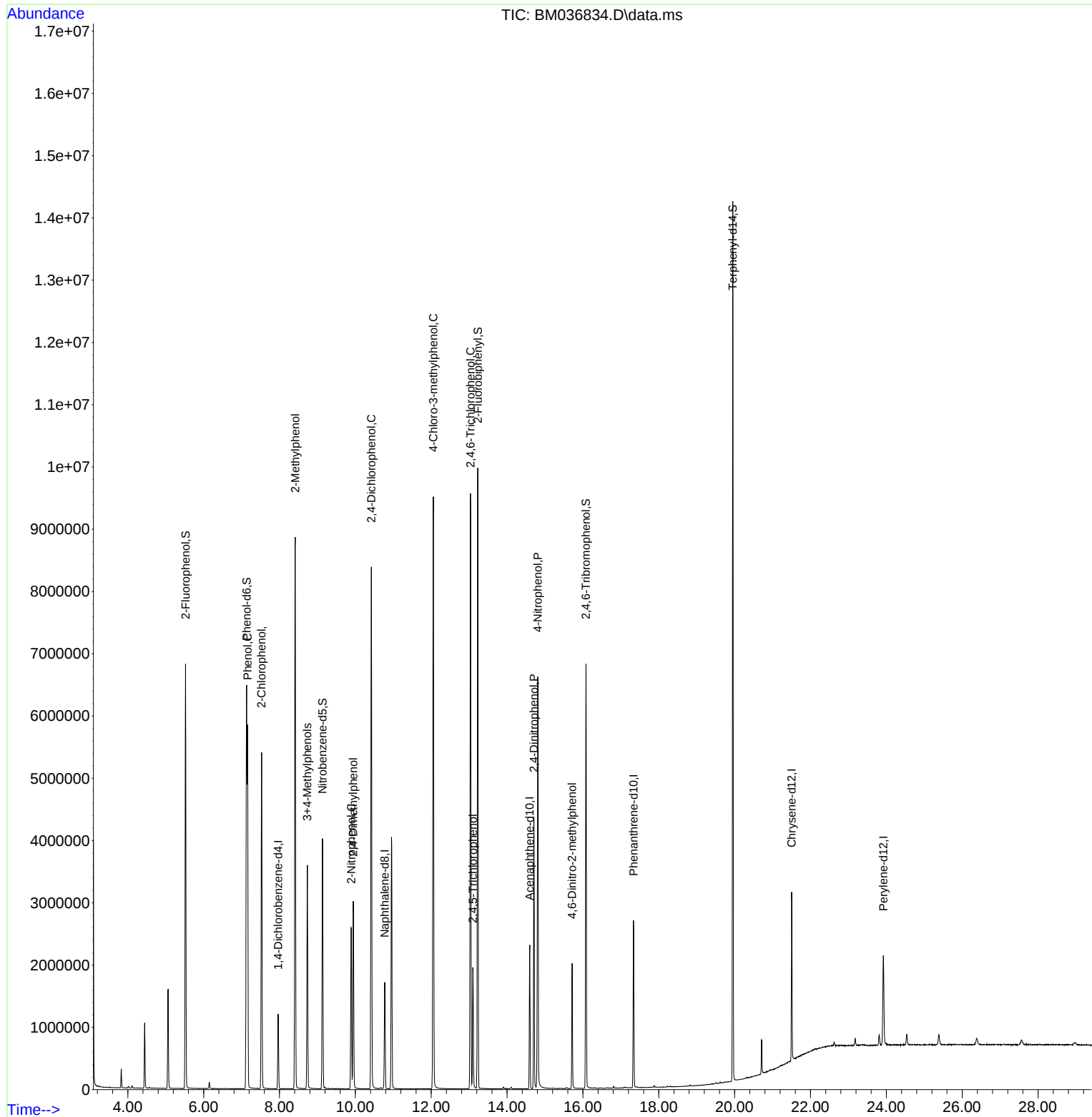
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	305082	20.000	ng	-0.01
21) Naphthalene-d8	10.775	136	1323064	20.000	ng	-0.01
39) Acenaphthene-d10	14.598	164	745003	20.000	ng	0.00
64) Phenanthrene-d10	17.333	188	1473411	20.000	ng	0.00
76) Chrysene-d12	21.504	240	1194044	20.000	ng	0.00
86) 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
10) Phenol	7.157	94	2905210	105.044	ng	99
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
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
54) 2,4-Dinitrophenol	14.710	184	738660	114.574	ng	97
56) 4-Nitrophenol	14.810	139	1696597	168.398	ng	100
65) 4,6-Dinitro-2-methylph...	15.716	198	322984	40.851	ng	99

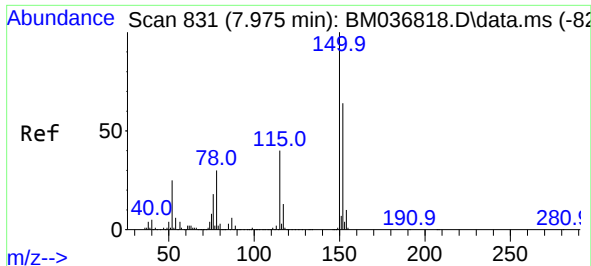
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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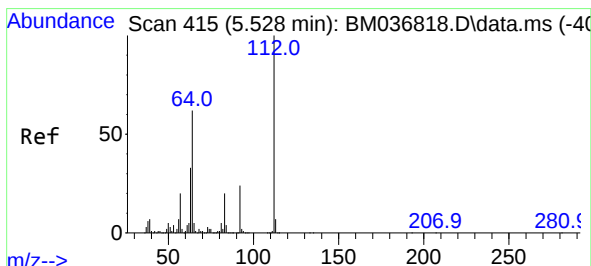
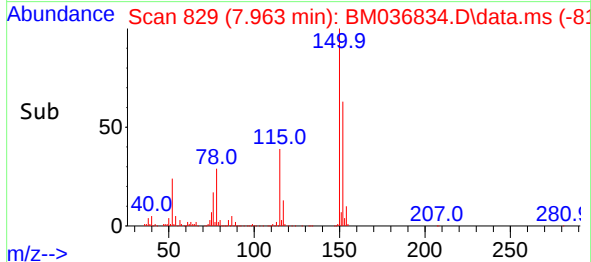
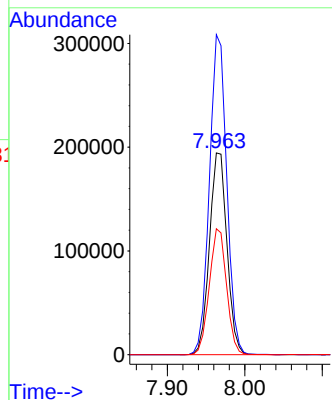
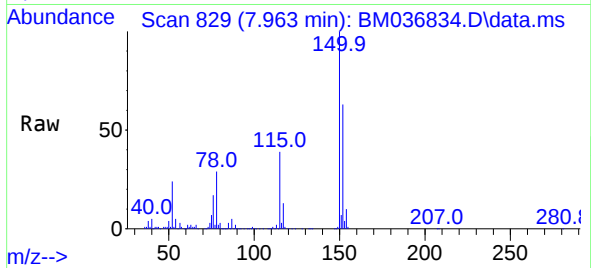




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.963 min Scan# 81
Delta R.T. -0.012 min
Lab File: BM036834.D
Acq: 05 Oct 2022 13:10

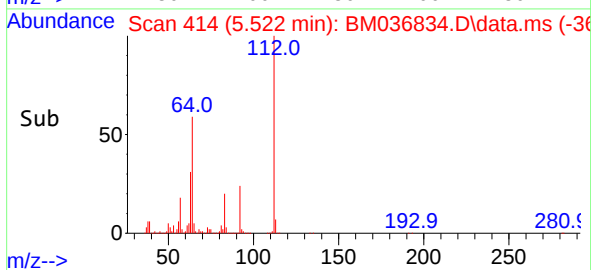
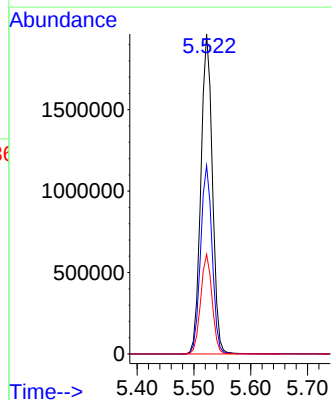
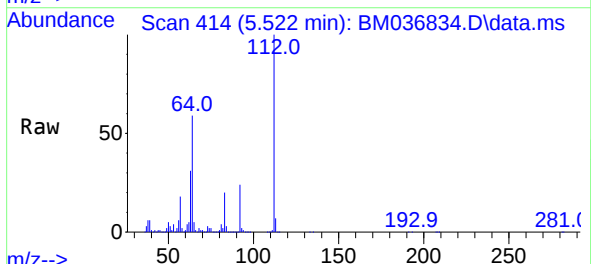
Instrument :
BNA_M
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PT-ACIDS-WP

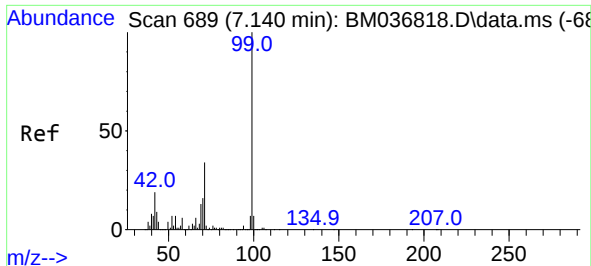
Tgt Ion:152 Resp: 305082
Ion Ratio Lower Upper
152 100
150 158.6 125.9 188.9
115 62.5 50.1 75.1



#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

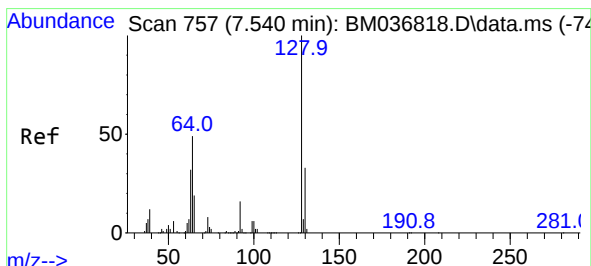
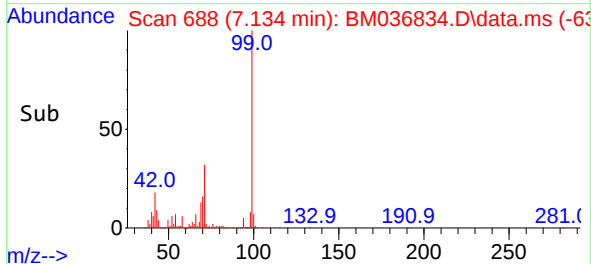
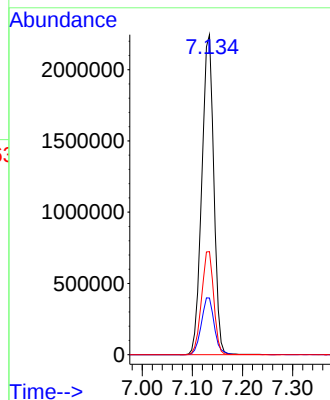
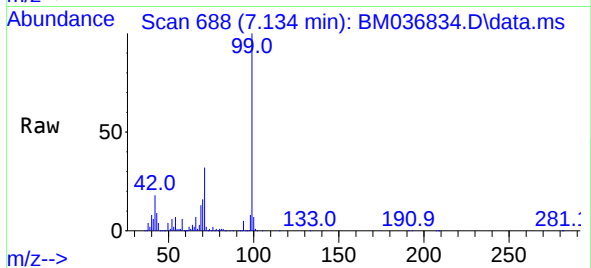




#7
Phenol-d6
Concen: 154.578 ng
RT: 7.134 min Scan# 689
Delta R.T. -0.006 min
Lab File: BM036834.D
Acq: 05 Oct 2022 13:10

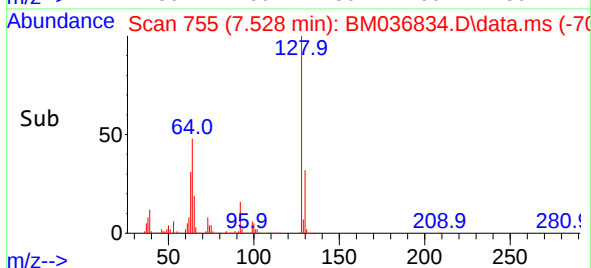
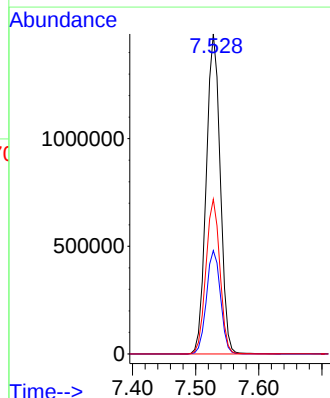
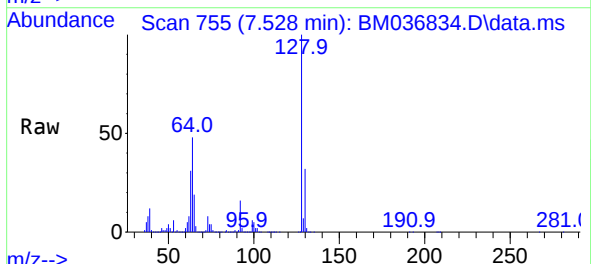
Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WP

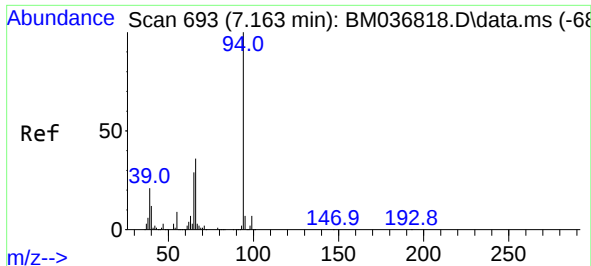
Tgt Ion: 99 Resp: 3732551
Ion Ratio Lower Upper
99 100
42 17.7 15.4 23.0
71 32.2 26.9 40.3



#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



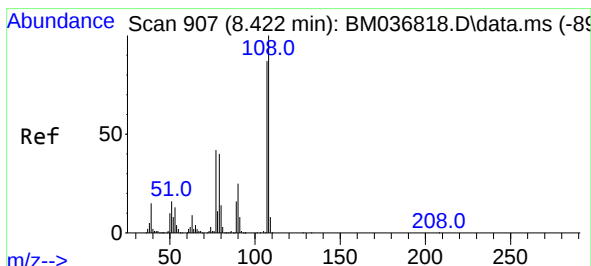
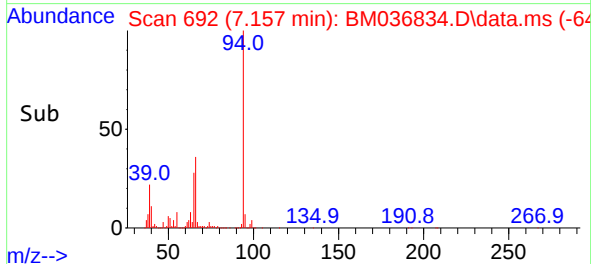
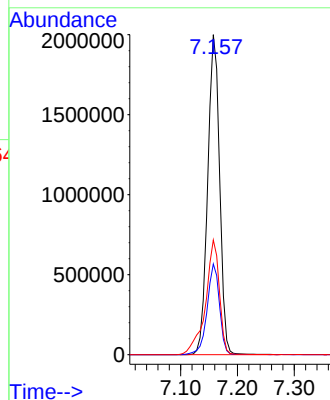
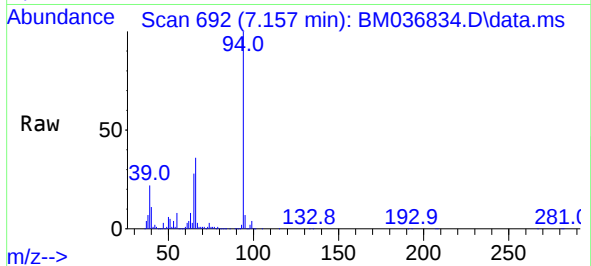


#10
Phenol
Concen: 105.044 ng
RT: 7.157 min Scan# 693
Delta R.T. -0.006 min
Lab File: BM036834.D
Acq: 05 Oct 2022 13:10

Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WP

Tgt Ion: 94 Resp: 2905210

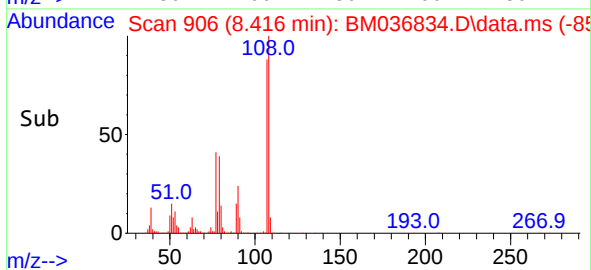
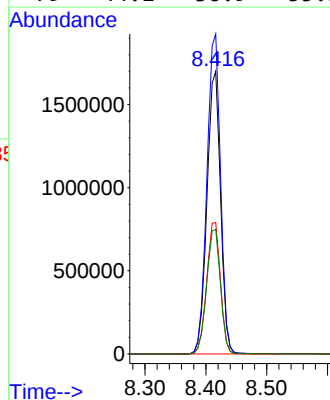
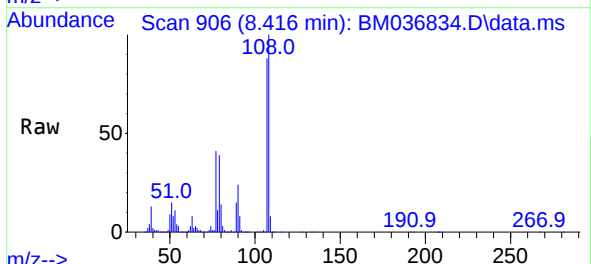
Ion	Ratio	Lower	Upper
94	100		
65	28.4	8.8	48.8
66	35.9	16.6	56.6

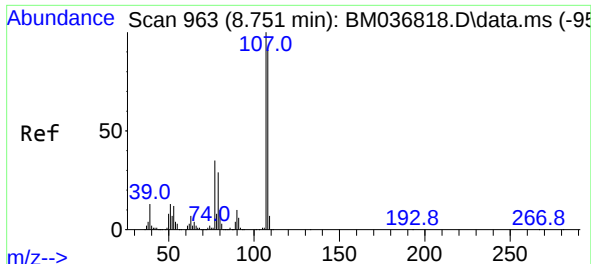


#17
2-Methylphenol
Concen: 146.006 ng
RT: 8.416 min Scan# 906
Delta R.T. -0.006 min
Lab File: BM036834.D
Acq: 05 Oct 2022 13:10

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

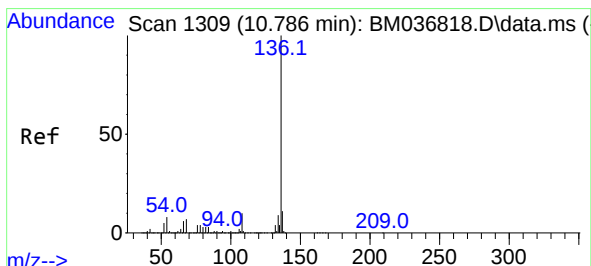
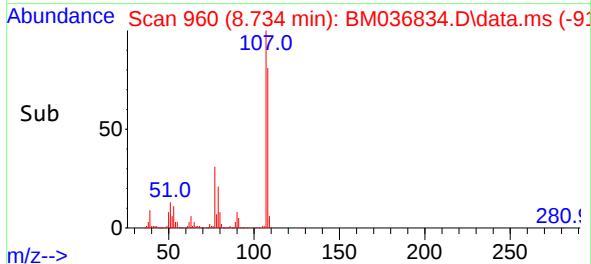
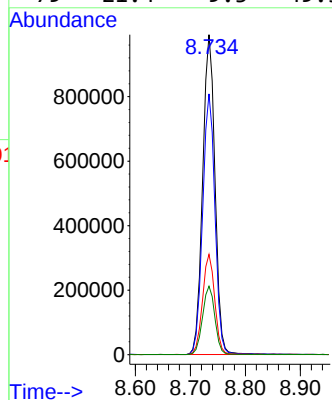
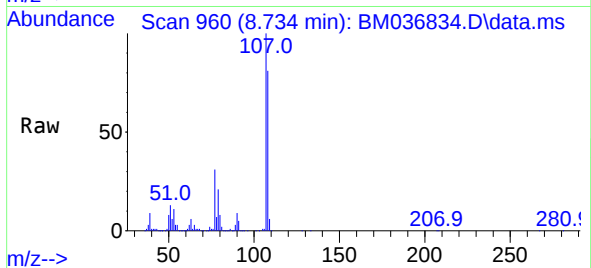




#20
3+4-Methylphenols
Concen: 62.242 ng
RT: 8.734 min Scan# 90
Delta R.T. -0.018 min
Lab File: BM036834.D
Acq: 05 Oct 2022 13:10

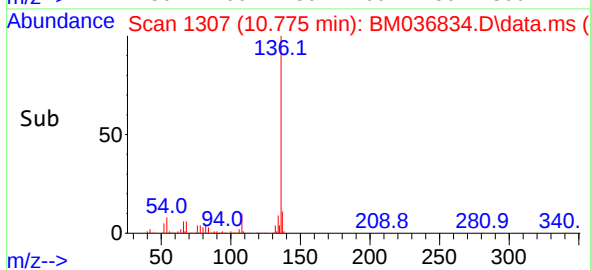
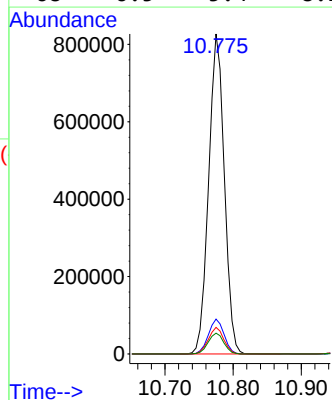
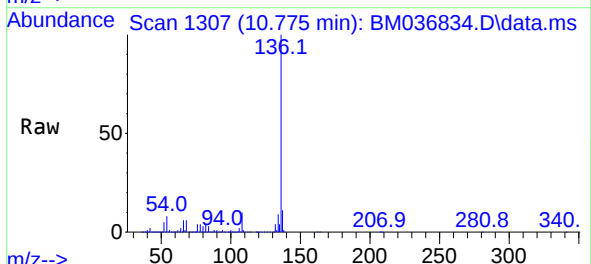
Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WP

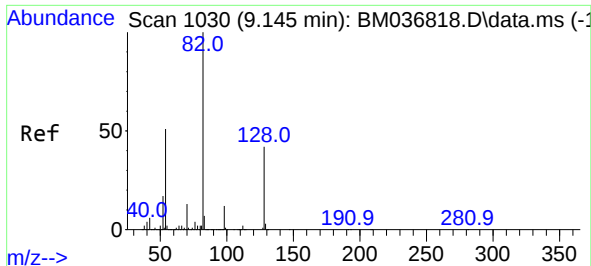
Tgt Ion:107 Resp: 1545094
Ion Ratio Lower Upper
107 100
108 81.5 70.8 110.8
77 31.4 15.1 55.1
79 21.4 9.3 49.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.775 min Scan# 1307
Delta R.T. -0.011 min
Lab File: BM036834.D
Acq: 05 Oct 2022 13:10

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

Instrument :

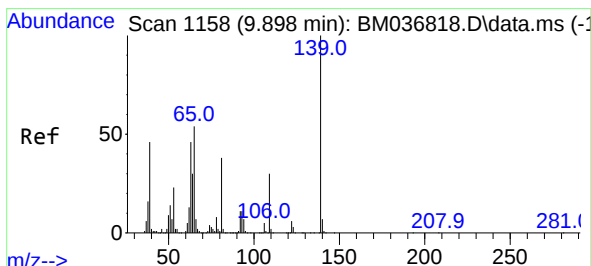
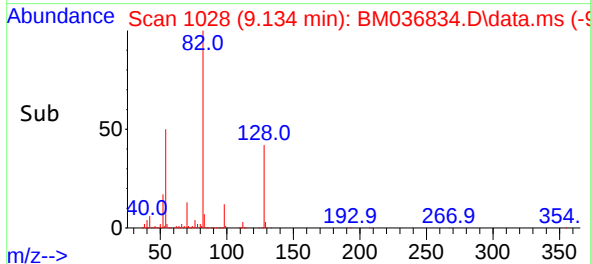
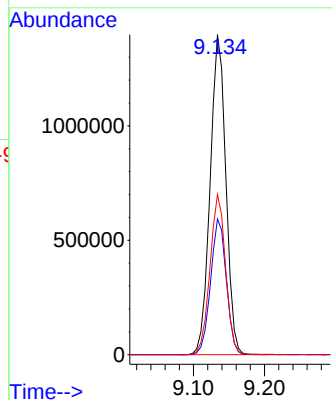
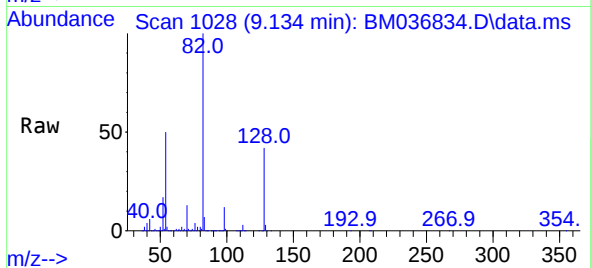
BNA_M

ClientSampleId :

PT-ACIDS-WP

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

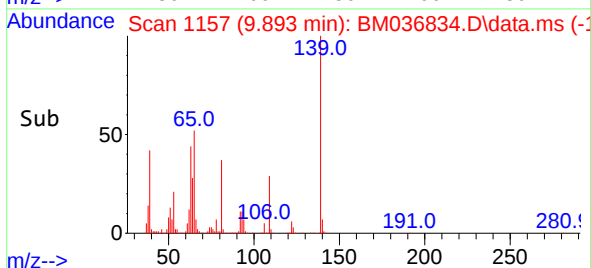
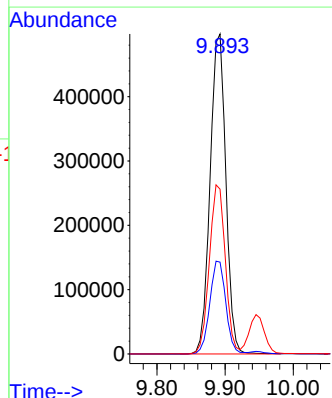
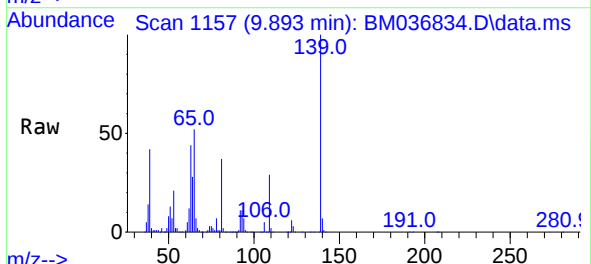
Delta R.T. -0.005 min

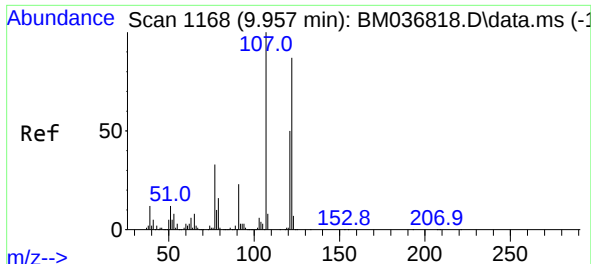
Lab File: BM036834.D

Acq: 05 Oct 2022 13:10

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

Instrument :

BNA_M

ClientSampleId :

PT-ACIDS-WP

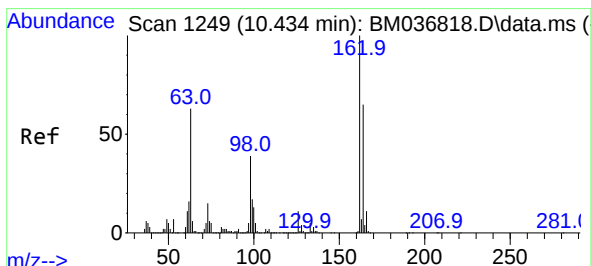
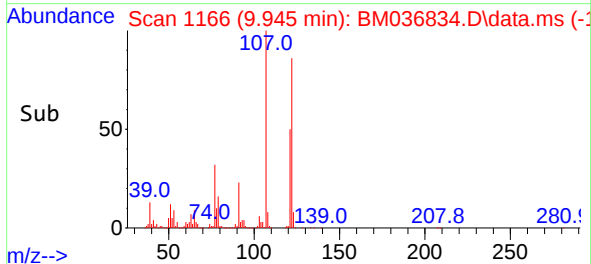
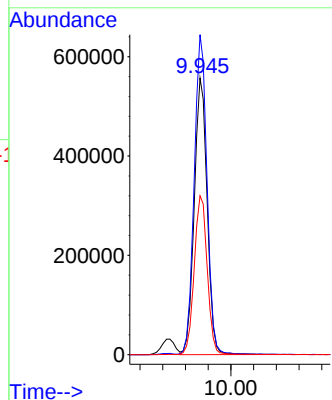
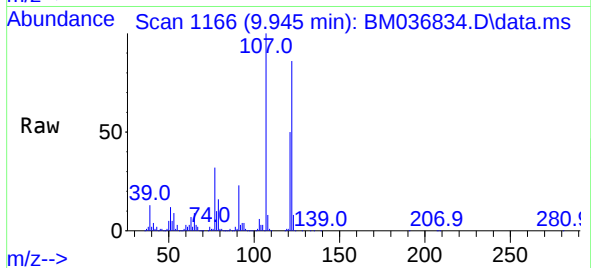
Tgt Ion:122 Resp: 880571

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# 1247

Delta R.T. -0.012 min

Lab File: BM036834.D

Acq: 05 Oct 2022 13:10

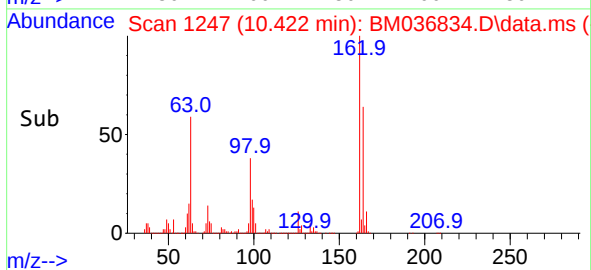
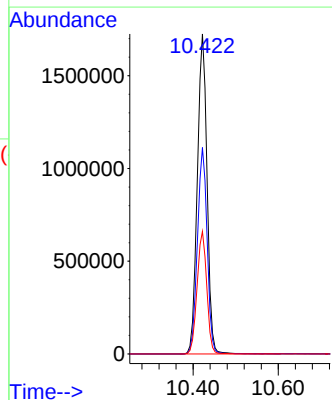
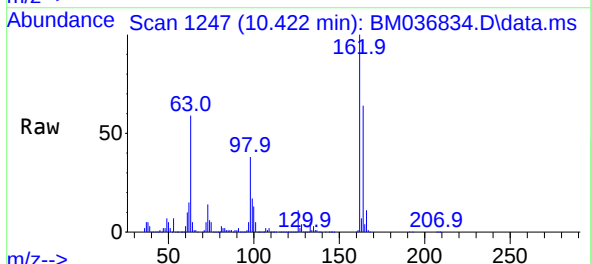
Tgt Ion:162 Resp: 2731060

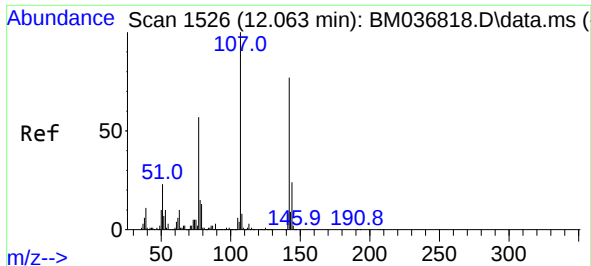
Ion Ratio Lower Upper

162 100

164 64.5 45.0 85.0

98 38.3 19.4 59.4

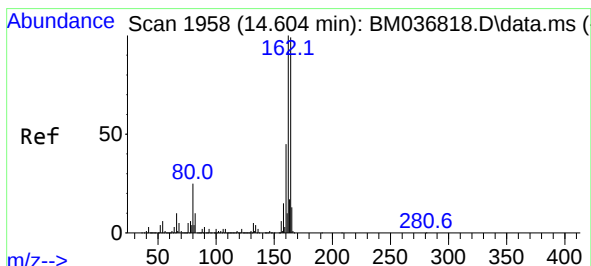
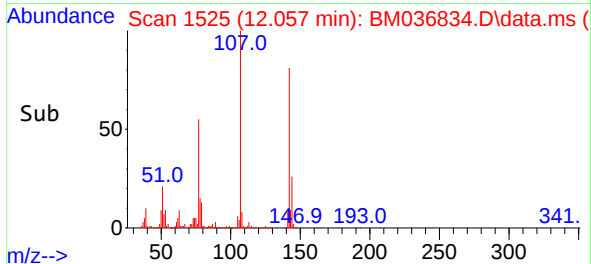
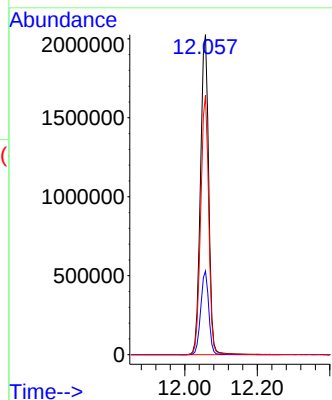
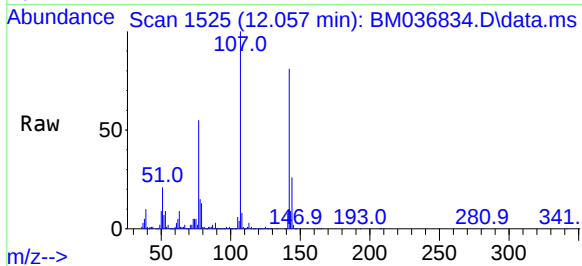




#36
4-Chloro-3-methylphenol
Concen: 151.573 ng
RT: 12.057 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM036834.D
Acq: 05 Oct 2022 13:10

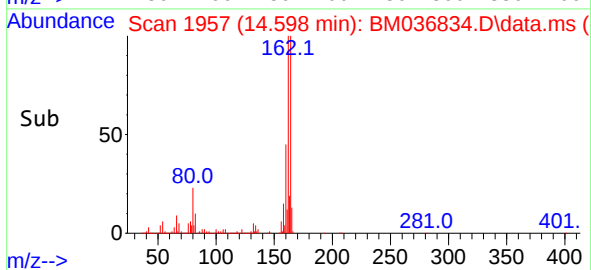
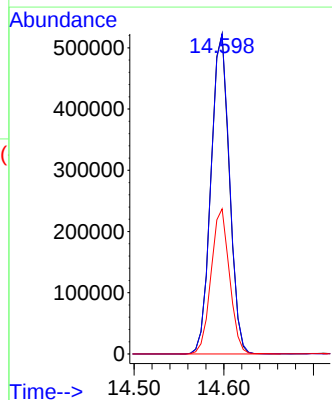
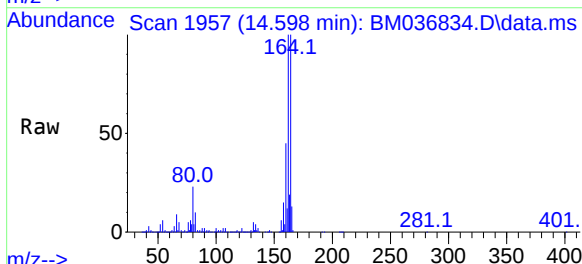
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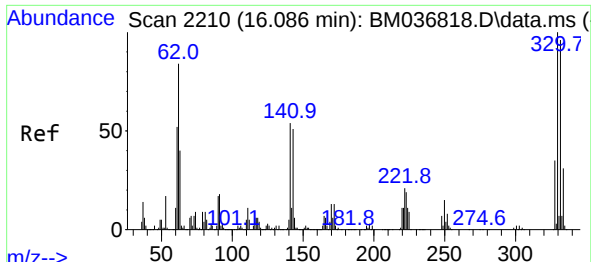
Tgt Ion:107 Resp: 3183717
Ion Ratio Lower Upper
107 100
144 26.2 19.4 29.2
142 81.1 61.8 92.6



#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

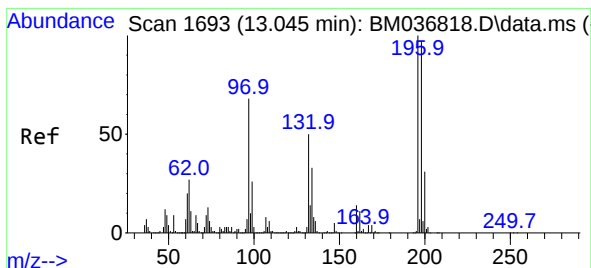
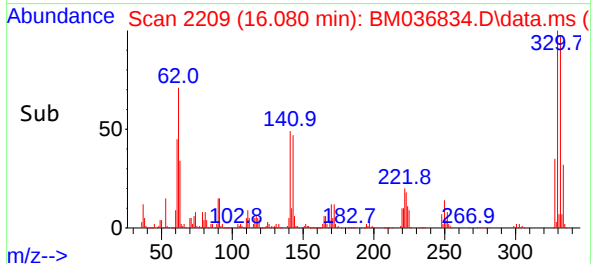
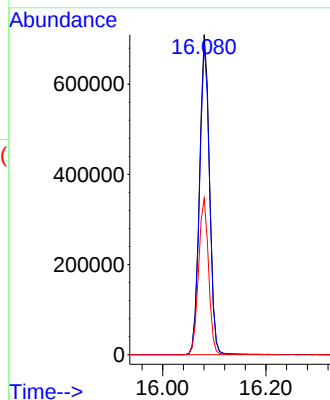
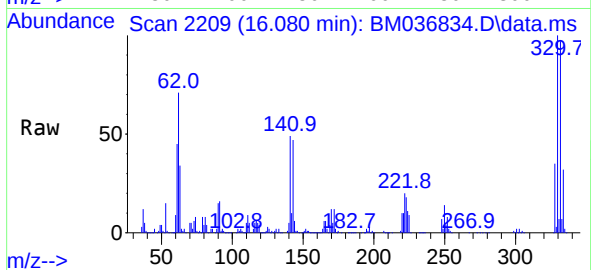




#42
2,4,6-Tribromophenol
Concen: 163.432 ng
RT: 16.080 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM036834.D
Acq: 05 Oct 2022 13:10

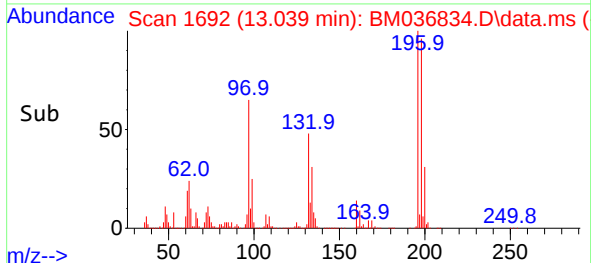
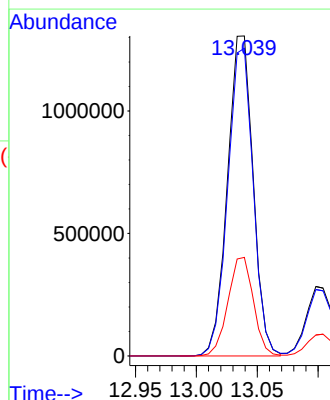
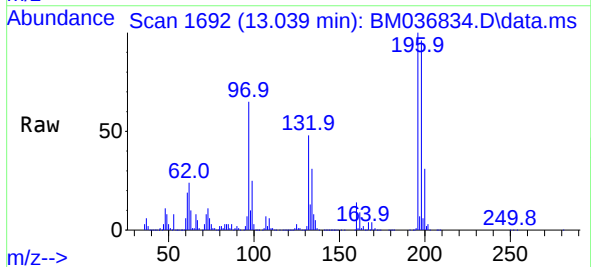
Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WP

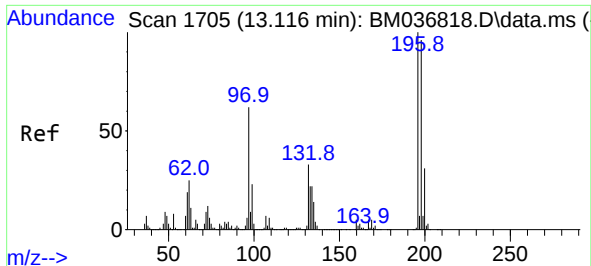
Tgt Ion:330 Resp: 954938
Ion Ratio Lower Upper
330 100
332 96.5 76.8 115.2
141 48.9 41.5 62.3



#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



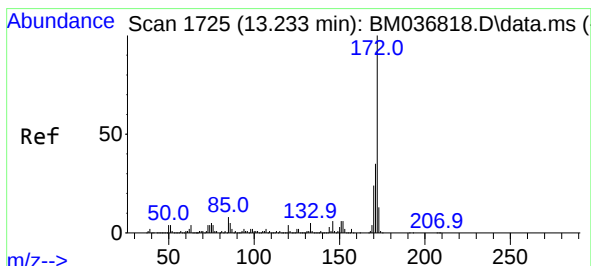
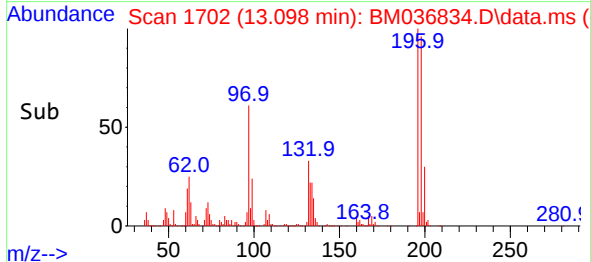
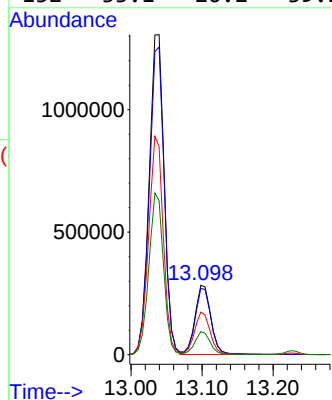
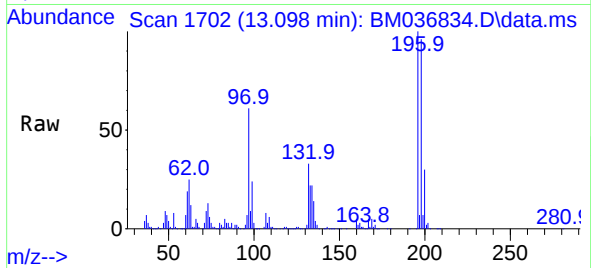


#44
2,4,5-Trichlorophenol
Concen: 31.571 ng
RT: 13.098 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM036834.D
Acq: 05 Oct 2022 13:10

Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:196 Resp: 440619

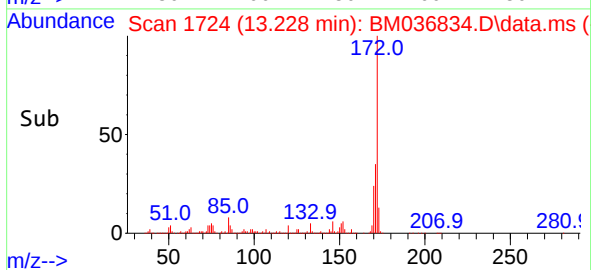
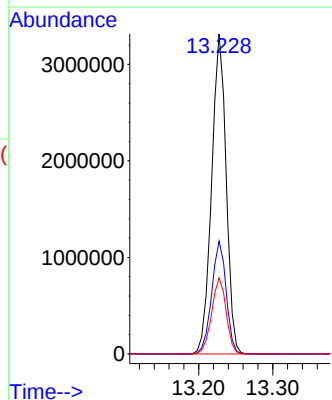
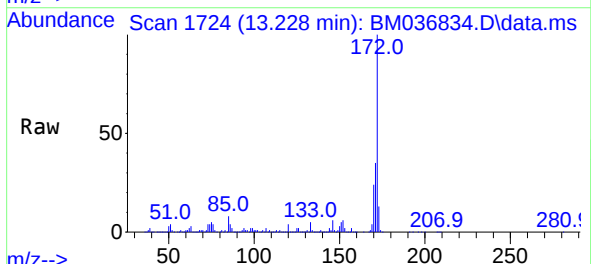
Ion	Ratio	Lower	Upper
196	100		
198	95.6	76.9	115.3
97	61.4	49.4	74.0
132	33.1	26.2	39.2

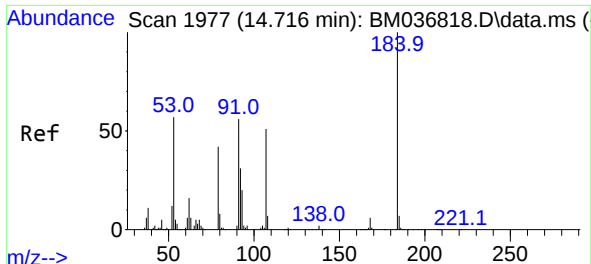


#45
2-Fluorobiphenyl
Concen: 93.125 ng
RT: 13.228 min Scan# 1724
Delta R.T. -0.006 min
Lab File: BM036834.D
Acq: 05 Oct 2022 13:10

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

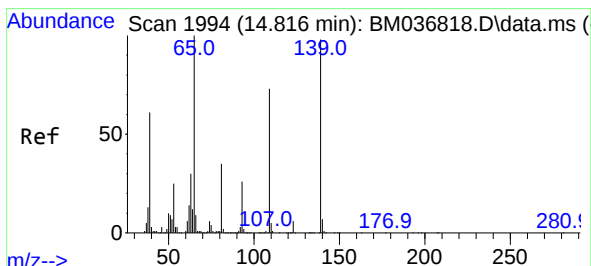
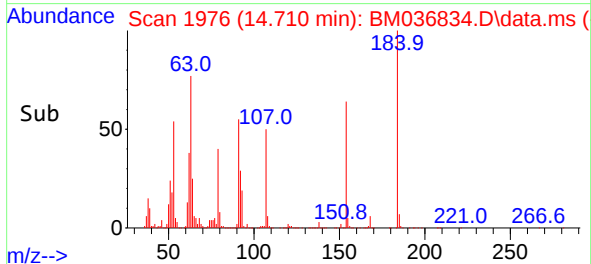
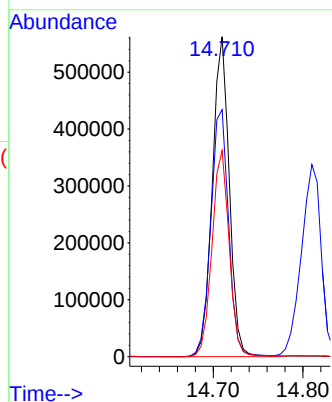
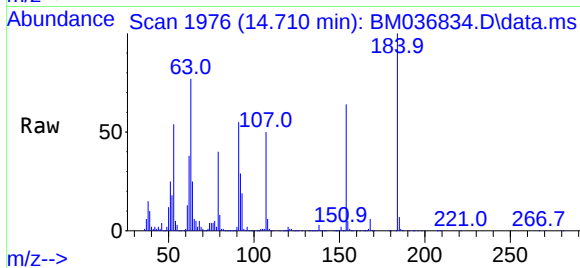




#54
2,4-Dinitrophenol
Concen: 114.574 ng
RT: 14.710 min Scan# 1976
Delta R.T. -0.006 min
Lab File: BM036834.D
Acq: 05 Oct 2022 13:10

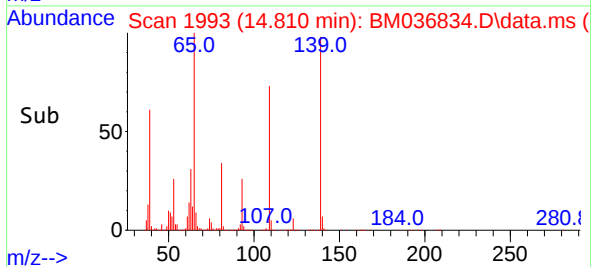
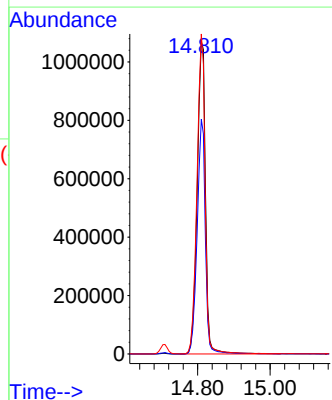
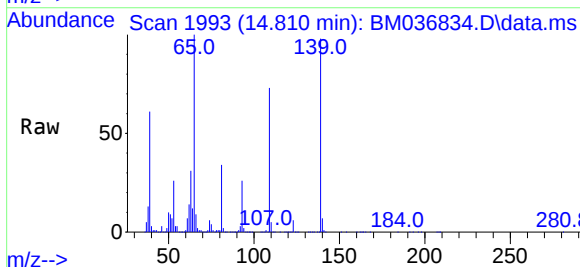
Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WP

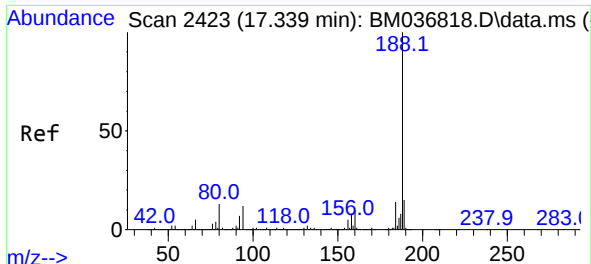
Tgt Ion:184 Resp: 738660
Ion Ratio Lower Upper
184 100
63 77.2 65.0 97.6
154 64.5 50.4 75.6



#56
4-Nitrophenol
Concen: 168.398 ng
RT: 14.810 min Scan# 1993
Delta R.T. -0.006 min
Lab File: BM036834.D
Acq: 05 Oct 2022 13:10

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

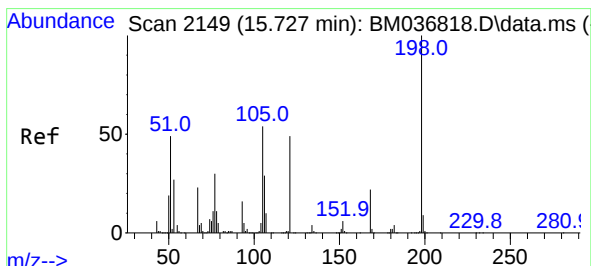
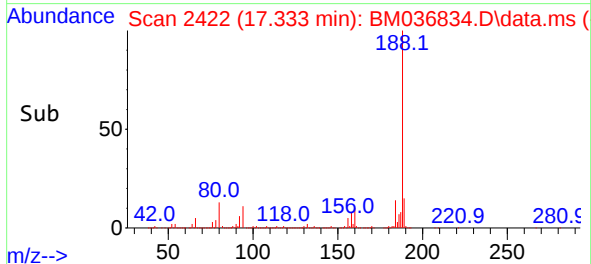
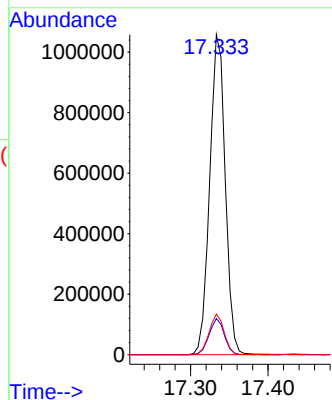
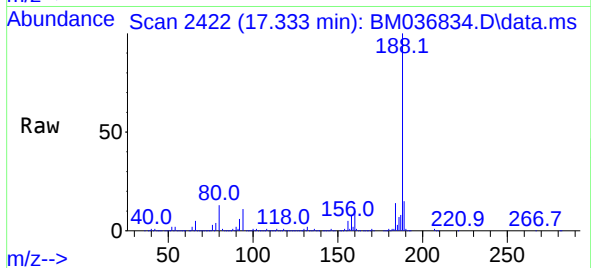




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.333 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM036834.D
Acq: 05 Oct 2022 13:10

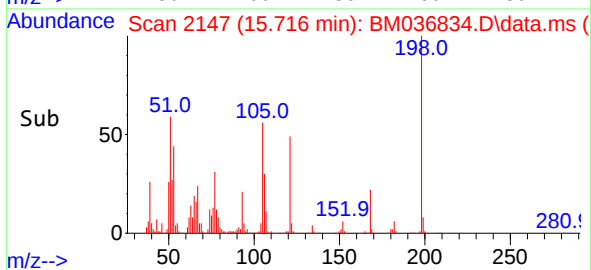
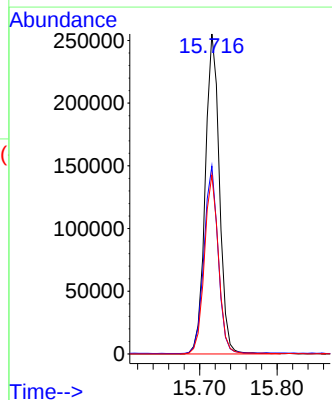
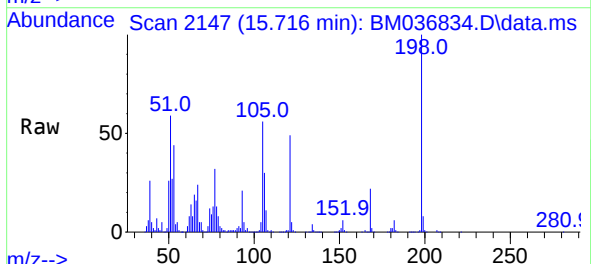
Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WP

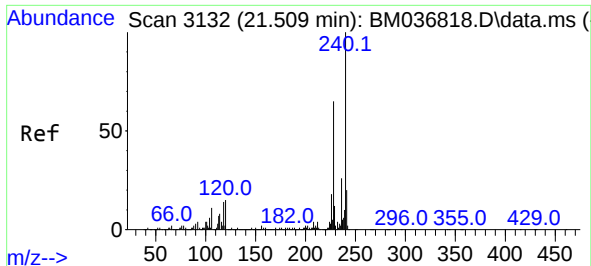
Tgt Ion:188 Resp: 1473411
Ion Ratio Lower Upper
188 100
94 11.3 9.4 14.0
80 12.7 10.2 15.4



#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

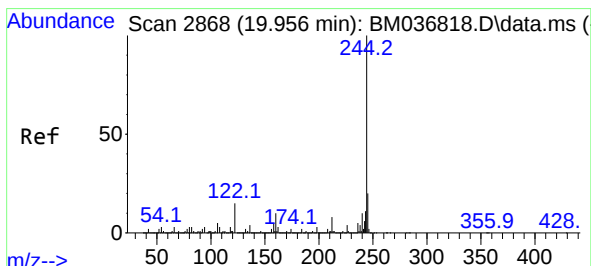
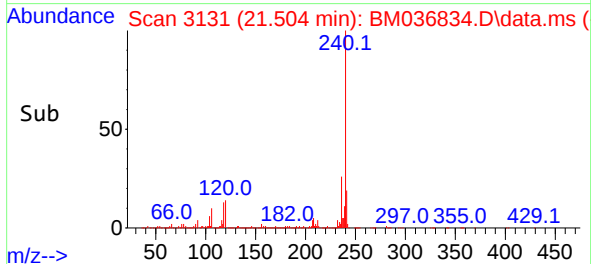
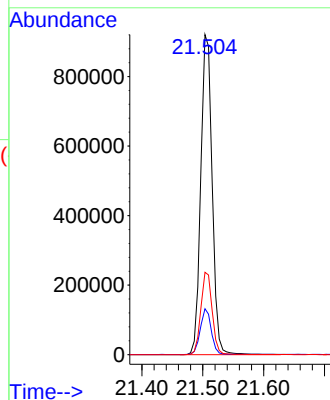
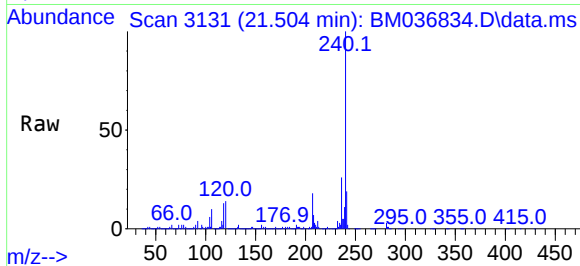




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.504 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM036834.D
Acq: 05 Oct 2022 13:10

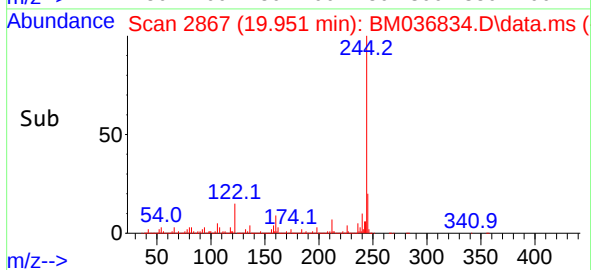
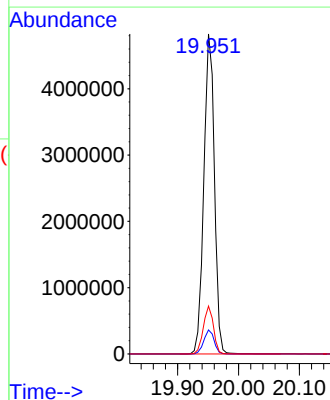
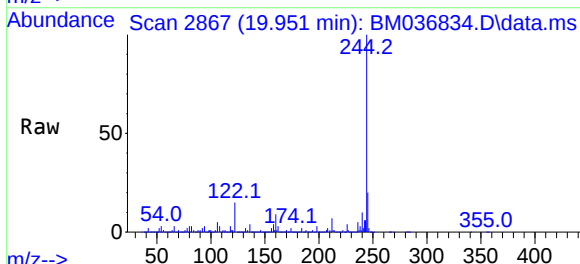
Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WP

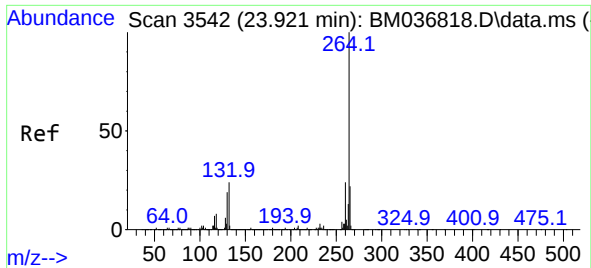
Tgt Ion:240 Resp: 1194044
Ion Ratio Lower Upper
240 100
120 14.4 12.1 18.1
236 25.8 20.8 31.2



#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





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.921 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM036834.D
Acq: 05 Oct 2022 13:10

Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WP

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

