

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032122\
 Data File : BM034286.D
 Acq On : 21 Mar 2022 12:35
 Operator : CG/JU
 Sample : N1870-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PT-ACIDS-WP

Quant Time: Mar 21 17:54:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 16 02:38:26 2022
 Response via : Initial Calibration

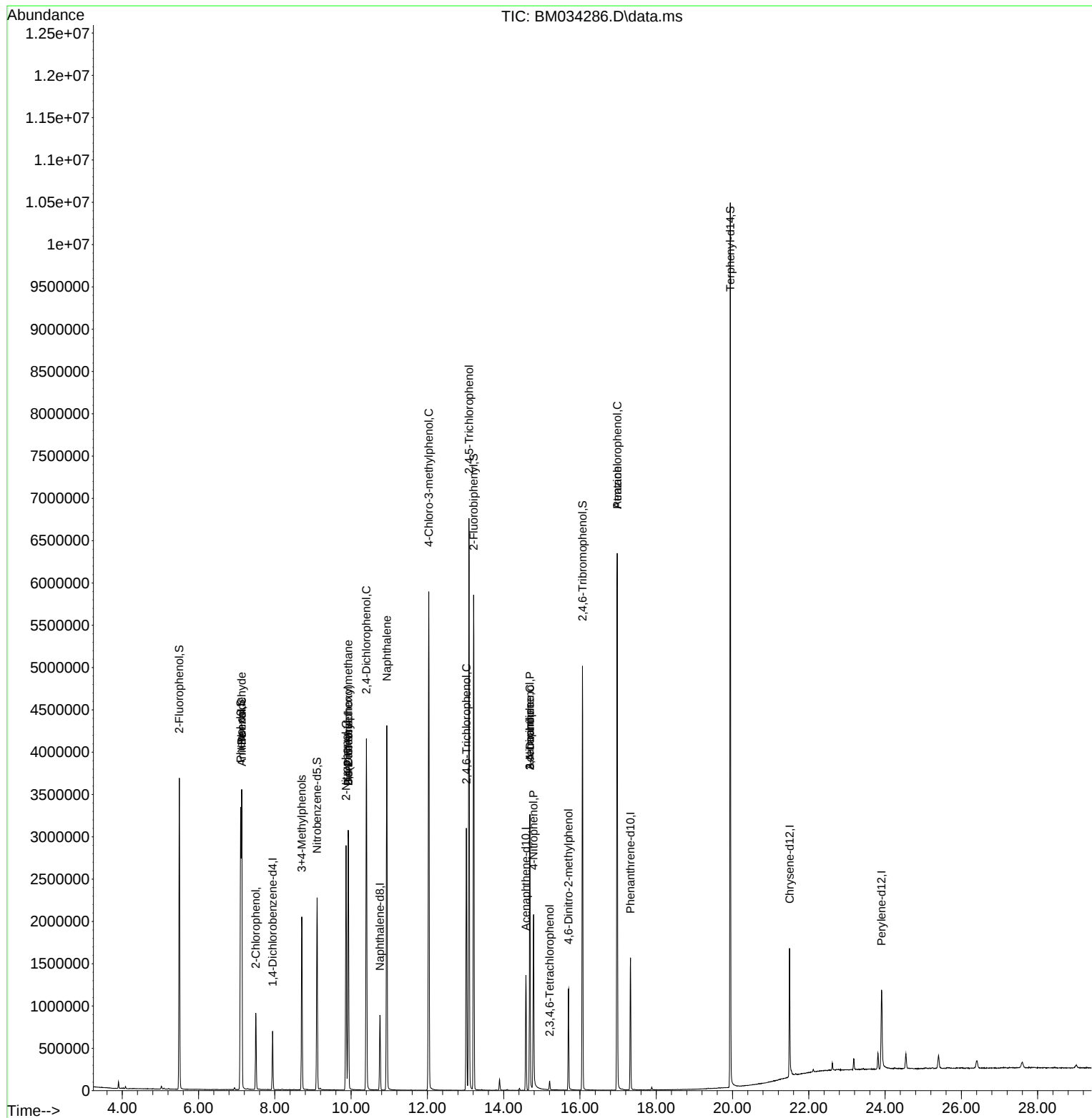
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.943	152	170734	20.000	ng	0.00
21) Naphthalene-d8	10.754	136	694347	20.000	ng	-0.01
39) Acenaphthene-d10	14.583	164	442259	20.000	ng	0.00
64) Phenanthrene-d10	17.324	188	888803	20.000	ng	0.00
76) Chrysene-d12	21.495	240	837548	20.000	ng	0.00
86) Perylene-d12	23.906	264	835579	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.496	112	1411756	148.338	ng	0.00
7) Phenol-d6	7.107	99	1871567	137.349	ng	0.00
23) Nitrobenzene-d5	9.107	82	1249747	87.631	ng	0.00
42) 2,4,6-Tribromophenol	16.066	330	820093	137.574	ng	0.00
45) 2-Fluorobiphenyl	13.213	172	2853726	88.174	ng	0.00
79) Terphenyl-d14	19.942	244	4623938	95.930	ng	0.00
Target Compounds						
6) Aniline	7.137	93	36273	2.329	ng	# 1
8) 2-Chlorophenol	7.501	128	359596	32.304	ng	97
9) Benzaldehyde	7.131	77	21075	2.871	ng	# 4
10) Phenol	7.131	94	1653020	121.973	ng	98
20) 3+4-Methylphenols	8.707	107	850796	64.813	ng	90
26) 2-Nitrophenol	9.866	139	838113	141.939	ng	99
27) 2,4-Dimethylphenol	9.925	122	840373	90.891	ng	99
28) bis(2-Chloroethoxy)met...	9.925	93	40349	2.641	ng	# 1
29) 2,4-Dichlorophenol	10.401	162	1328936	123.706	ng	99
31) Naphthalene	10.937	128	98302	2.717	ng	# 80
32) Benzoic acid	9.925	122	840373	109.912	ng	# 13
36) 4-Chloro-3-methylphenol	12.036	107	1877942	152.542	ng	100
43) 2,4,6-Trichlorophenol	13.025	196	704748	76.484	ng	98
44) 2,4,5-Trichlorophenol	13.089	196	1614549	163.244	ng	97
52) Acenaphthene	14.689	154	416095	15.312	ng	# 4
53) 3-Nitroaniline	14.689	138	20159	2.910	ng	# 1
54) 2,4-Dinitrophenol	14.689	184	632904	163.617	ng	99
56) 4-Nitrophenol	14.783	139	493578	87.897	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.207	232	18514	2.076	ng	99
65) 4,6-Dinitro-2-methylph...	15.701	198	236069	40.847	ng	99
69) Atrazine	16.977	200	203126	21.824	ng	# 36
70) Pentachlorophenol	16.977	266	1029462	141.257	ng	99

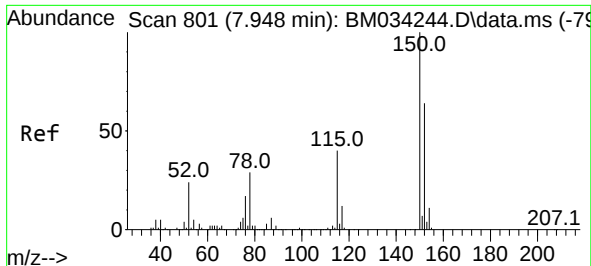
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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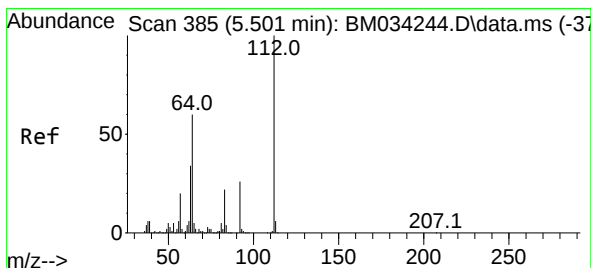
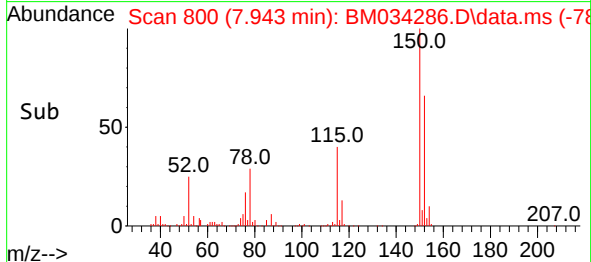
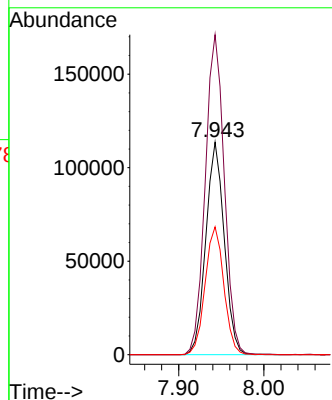
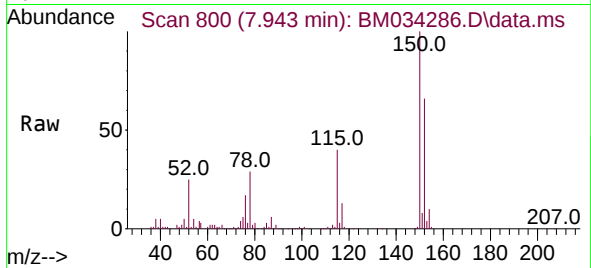




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.943 min Scan# 801
Delta R.T. -0.005 min
Lab File: BM034286.D
Acq: 21 Mar 2022 12:35

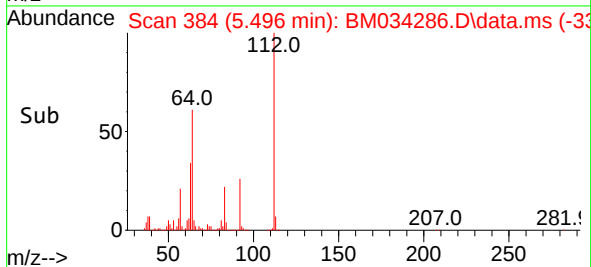
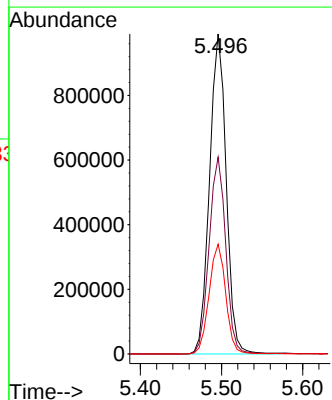
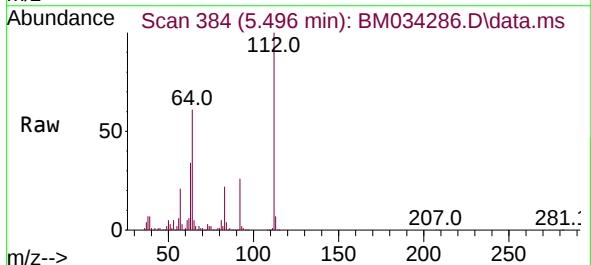
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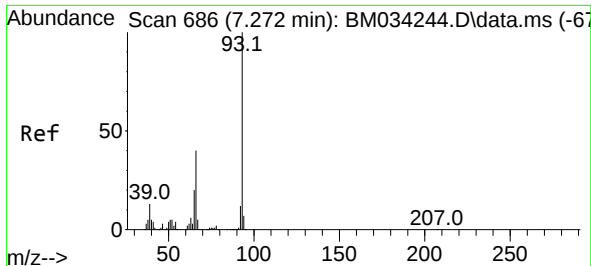
Tgt Ion:152 Resp: 170734
Ion Ratio Lower Upper
152 100
150 150.6 125.4 188.2
115 60.2 50.1 75.1



#5
2-Fluorophenol
Concen: 148.338 ng
RT: 5.496 min Scan# 384
Delta R.T. -0.006 min
Lab File: BM034286.D
Acq: 21 Mar 2022 12:35

Tgt Ion:112 Resp: 1411756
Ion Ratio Lower Upper
112 100
64 61.5 47.9 71.9
63 34.3 27.1 40.7

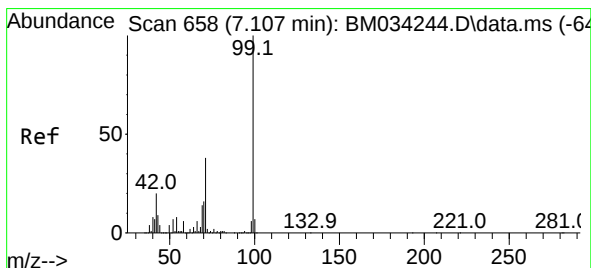
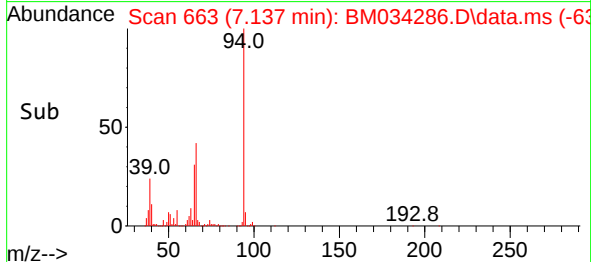
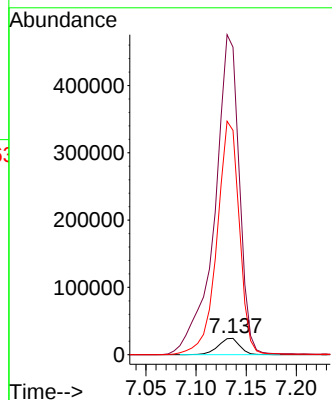
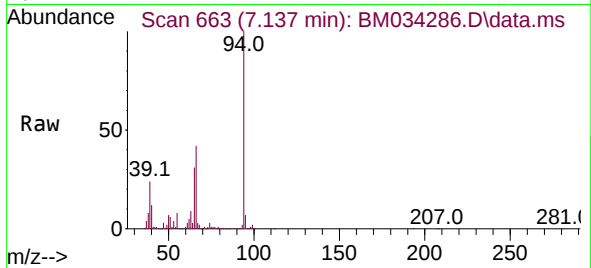




#6
Aniline
Concen: 2.329 ng
RT: 7.137 min Scan# 60
Delta R.T. -0.135 min
Lab File: BM034286.D
Acq: 21 Mar 2022 12:35

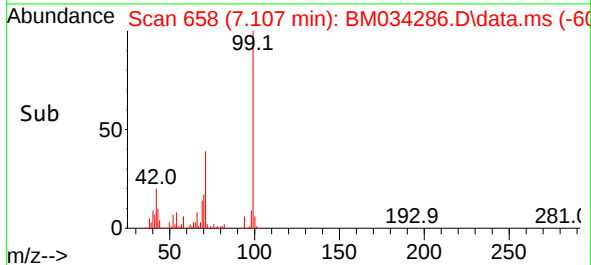
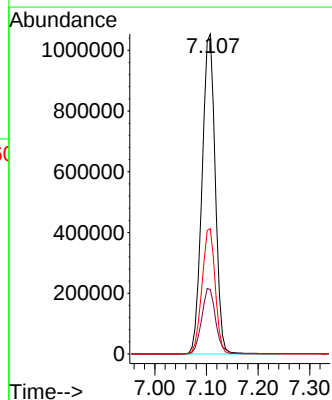
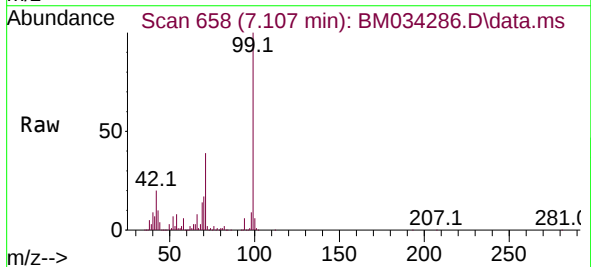
Instrument :
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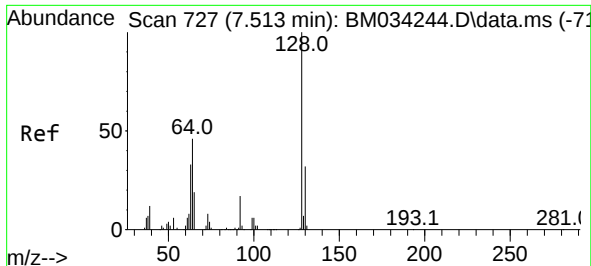
Tgt Ion: 93 Resp: 36273
Ion Ratio Lower Upper
93 100
66 1876.8 31.9 47.9#
65 1368.9 16.2 24.4#



#7
Phenol-d6
Concen: 137.349 ng
RT: 7.107 min Scan# 658
Delta R.T. 0.000 min
Lab File: BM034286.D
Acq: 21 Mar 2022 12:35

Tgt Ion: 99 Resp: 1871567
Ion Ratio Lower Upper
99 100
42 20.2 15.6 23.4
71 39.1 30.6 46.0

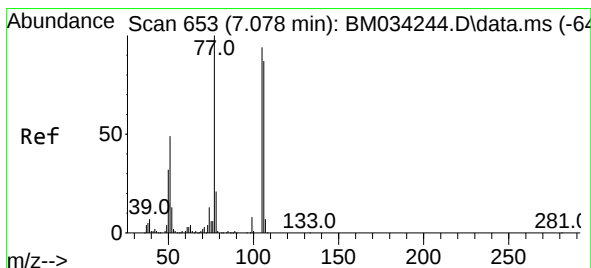
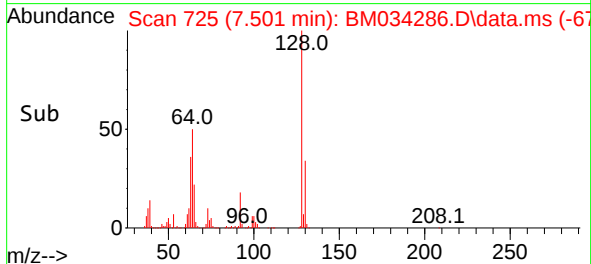
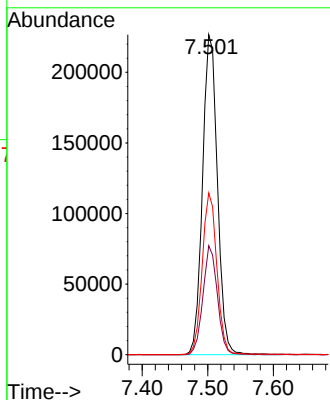
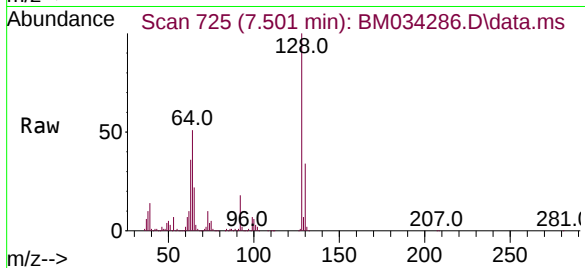




#8
2-Chlorophenol
Concen: 32.304 ng
RT: 7.501 min Scan# 71
Delta R.T. -0.012 min
Lab File: BM034286.D
Acq: 21 Mar 2022 12:35

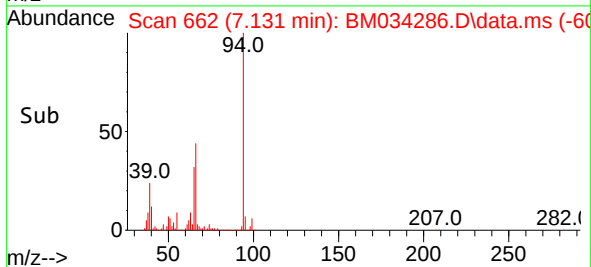
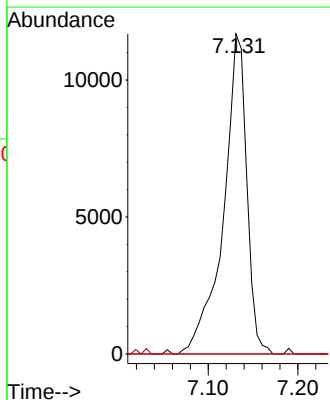
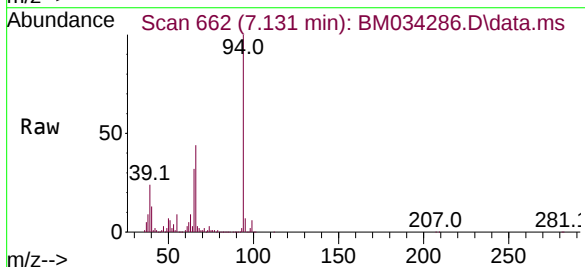
Instrument :
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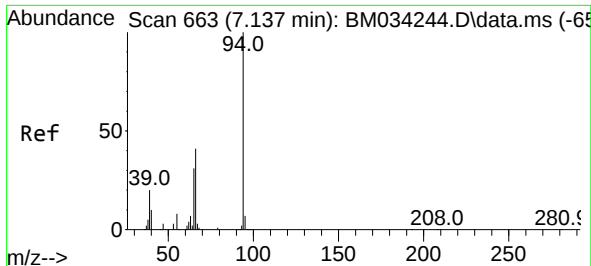
Tgt Ion:128 Resp: 359596
Ion Ratio Lower Upper
128 100
130 34.1 12.3 52.3
64 50.5 28.1 68.1



#9
Benzaldehyde
Concen: 2.871 ng
RT: 7.131 min Scan# 662
Delta R.T. 0.053 min
Lab File: BM034286.D
Acq: 21 Mar 2022 12:35

Tgt Ion: 77 Resp: 21075
Ion Ratio Lower Upper
77 100
105 0.0 73.9 113.9#
106 0.0 67.2 107.2#

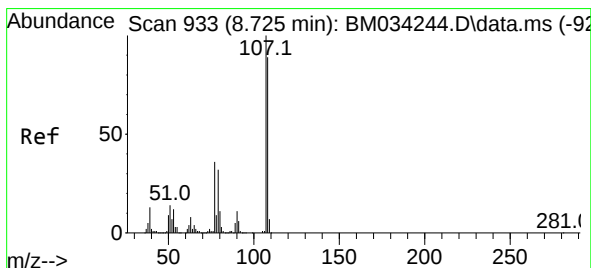
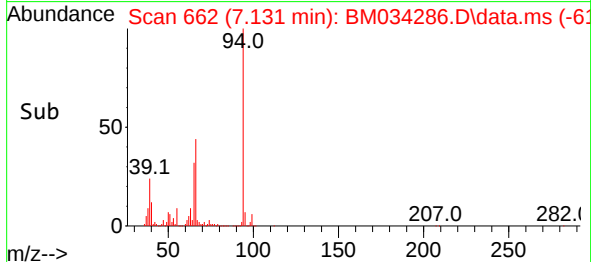
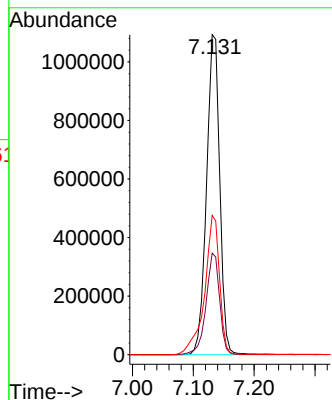
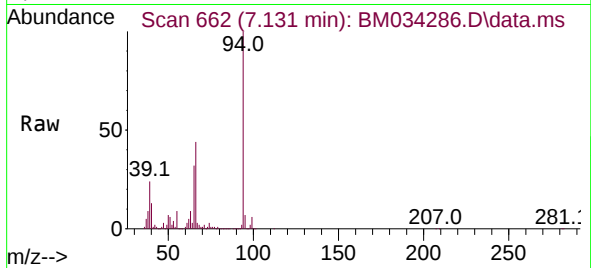




#10
Phenol
Concen: 121.973 ng
RT: 7.131 min Scan# 60
Delta R.T. -0.006 min
Lab File: BM034286.D
Acq: 21 Mar 2022 12:35

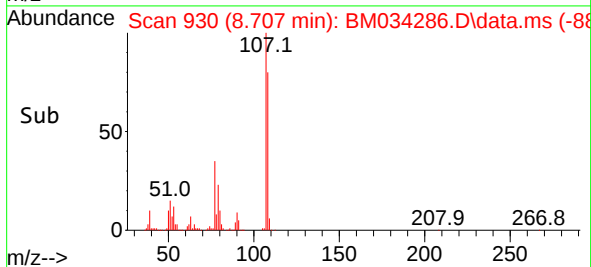
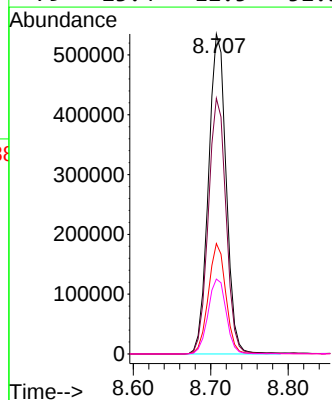
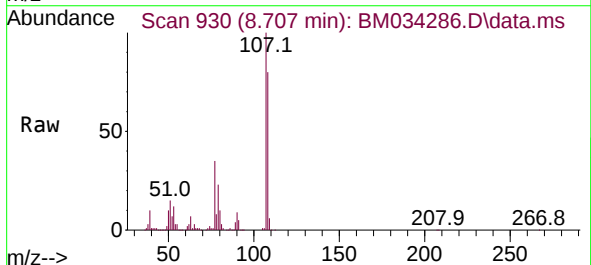
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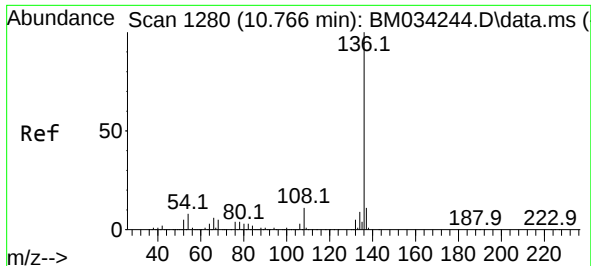
Tgt Ion: 94 Resp: 1653020
Ion Ratio Lower Upper
94 100
65 31.7 10.9 50.9
66 43.5 22.0 62.0



#20
3+4-Methylphenols
Concen: 64.813 ng
RT: 8.707 min Scan# 930
Delta R.T. -0.017 min
Lab File: BM034286.D
Acq: 21 Mar 2022 12:35

Tgt Ion:107 Resp: 850796
Ion Ratio Lower Upper
107 100
108 79.9 69.2 109.2
77 34.5 16.5 56.5
79 23.4 12.5 52.5

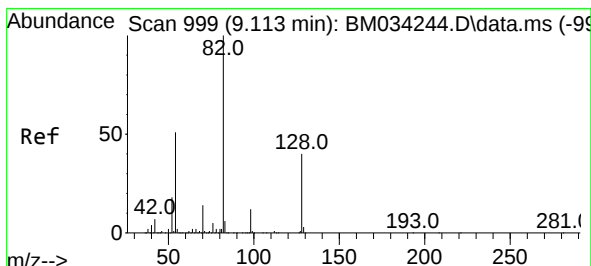
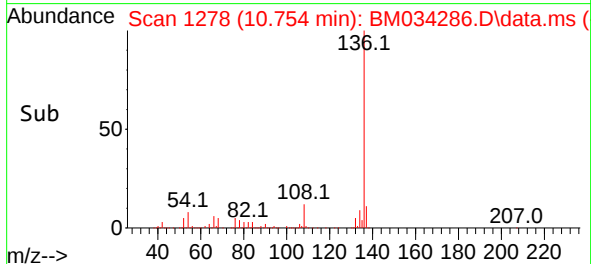
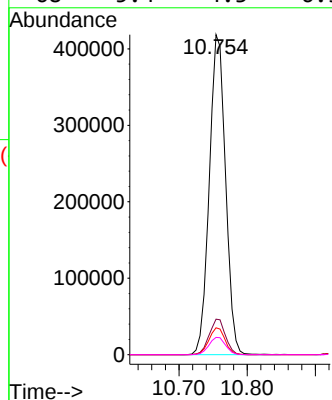
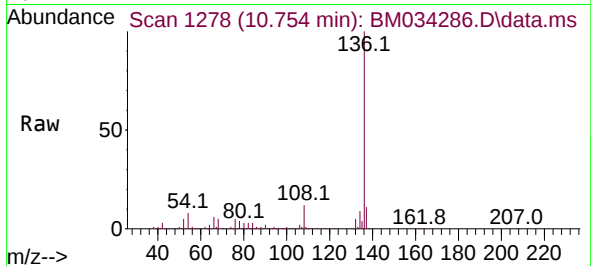




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.754 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM034286.D
Acq: 21 Mar 2022 12:35

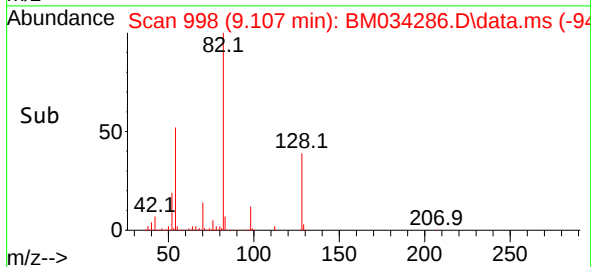
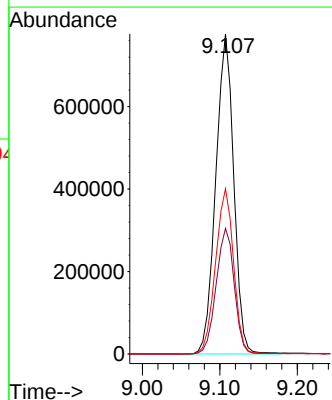
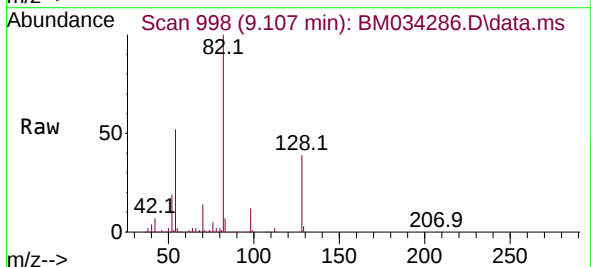
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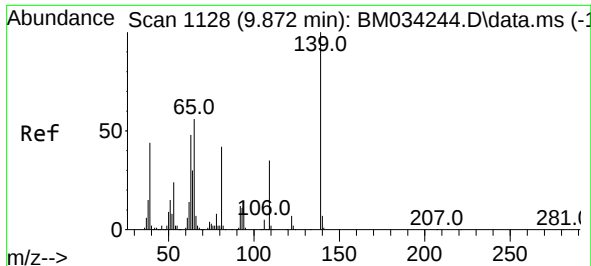
Tgt Ion:	136	Resp:	694347
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	8.4	6.2	9.4
68	5.4	4.3	6.5



#23
Nitrobenzene-d5
Concen: 87.631 ng
RT: 9.107 min Scan# 998
Delta R.T. -0.006 min
Lab File: BM034286.D
Acq: 21 Mar 2022 12:35

Tgt Ion:	82	Resp:	1249747
Ion	Ratio	Lower	Upper
82	100		
128	39.3	31.9	47.9
54	51.6	40.6	61.0

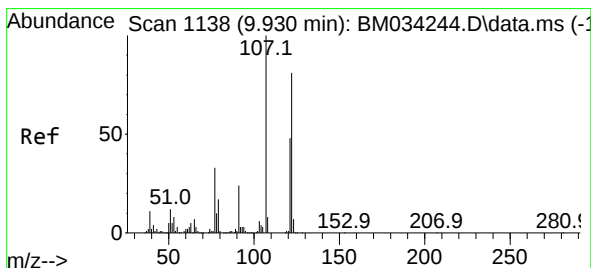
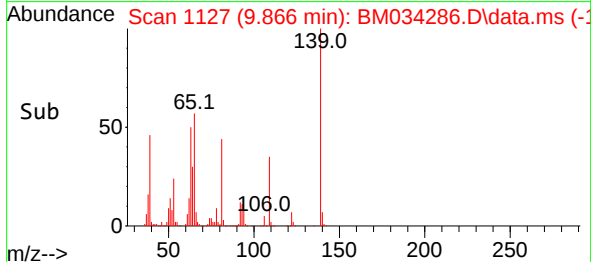
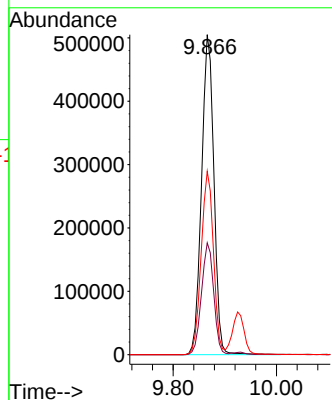
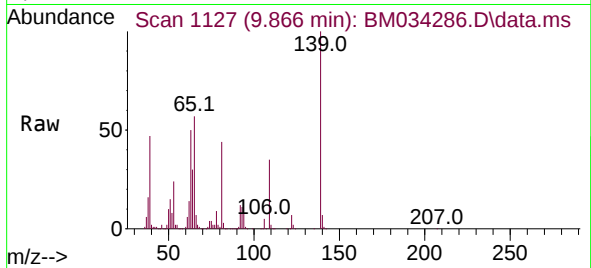




#26
2-Nitrophenol
Concen: 141.939 ng
RT: 9.866 min Scan# 1127
Delta R.T. -0.006 min
Lab File: BM034286.D
Acq: 21 Mar 2022 12:35

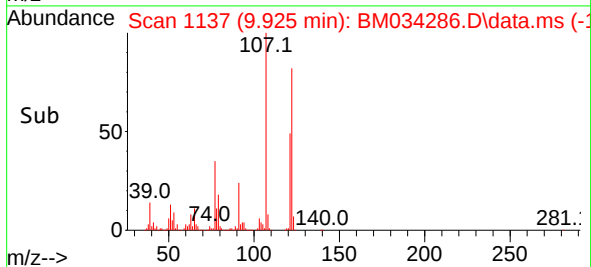
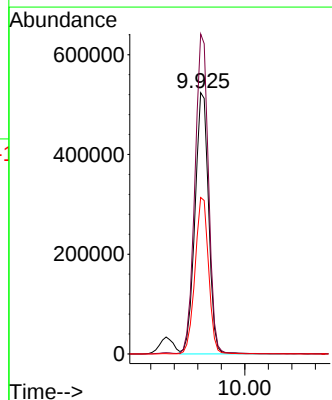
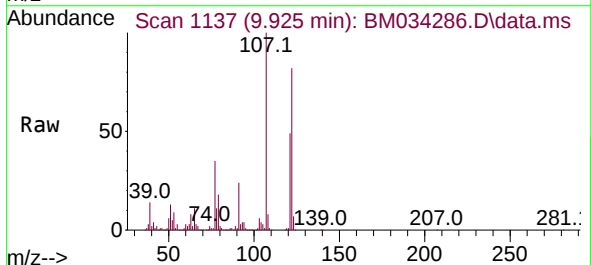
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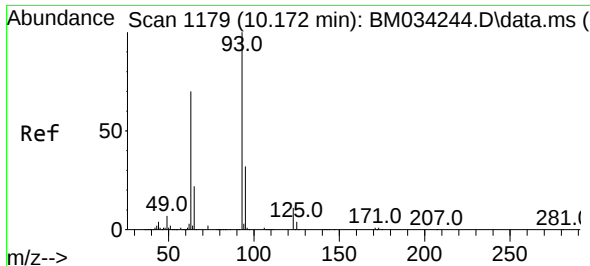
Tgt Ion:139 Resp: 838113
Ion Ratio Lower Upper
139 100
109 35.0 28.1 42.1
65 57.3 44.6 67.0



#27
2,4-Dimethylphenol
Concen: 90.891 ng
RT: 9.925 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BM034286.D
Acq: 21 Mar 2022 12:35

Tgt Ion:122 Resp: 840373
Ion Ratio Lower Upper
122 100
107 122.5 99.0 148.6
121 59.9 47.7 71.5

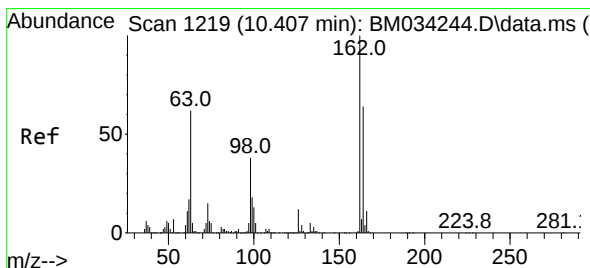
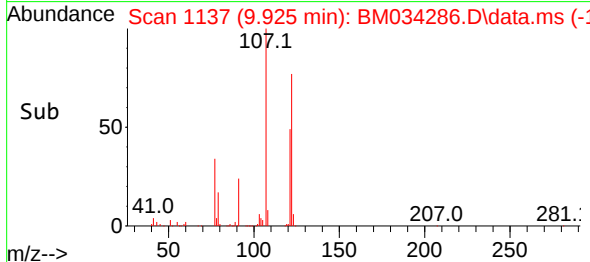
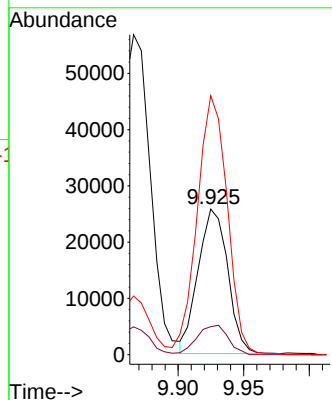
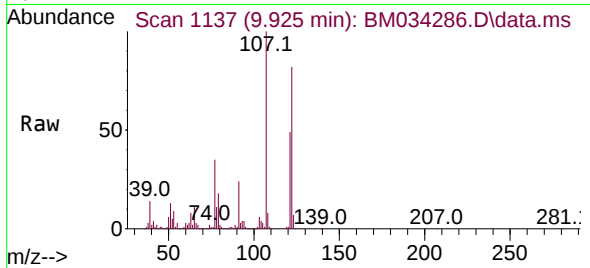




#28
bis(2-Chloroethoxy)methane
Concen: 2.641 ng
RT: 9.925 min Scan# 1179
Delta R.T. -0.247 min
Lab File: BM034286.D
Acq: 21 Mar 2022 12:35

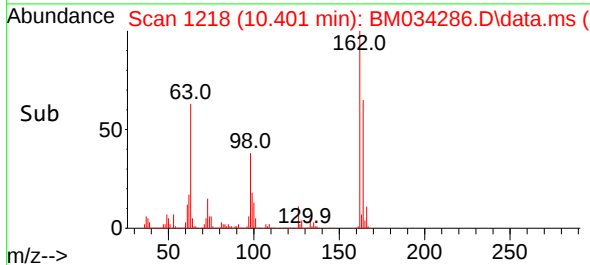
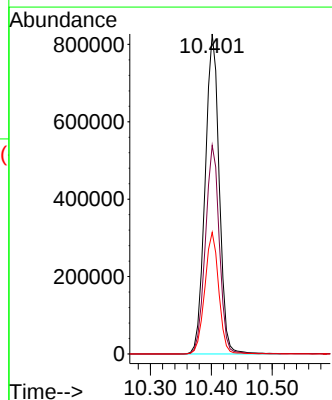
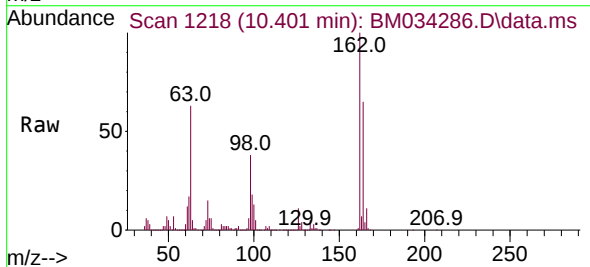
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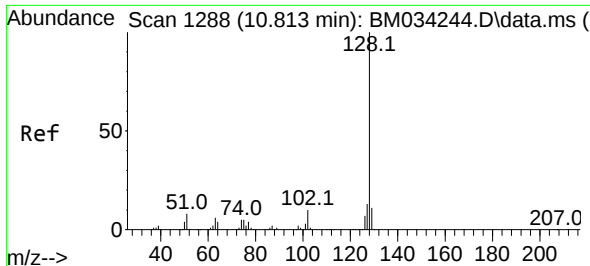
Tgt Ion: 93 Resp: 40349
Ion Ratio Lower Upper
93 100
95 19.2 26.0 39.0#
123 177.9 9.0 13.4#



#29
2,4-Dichlorophenol
Concen: 123.706 ng
RT: 10.401 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BM034286.D
Acq: 21 Mar 2022 12:35

Tgt Ion:162 Resp: 1328936
Ion Ratio Lower Upper
162 100
164 65.2 43.9 83.9
98 38.0 17.6 57.6

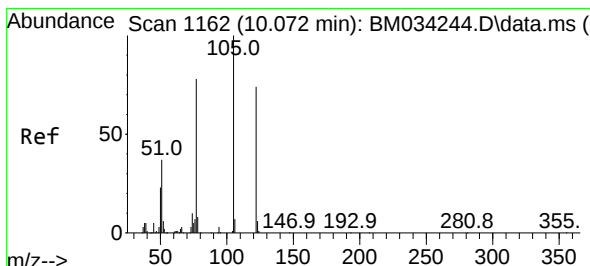
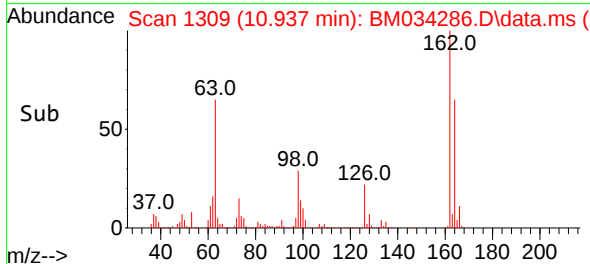
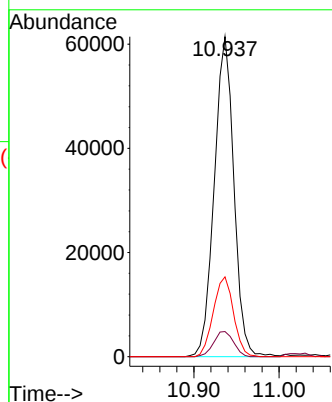
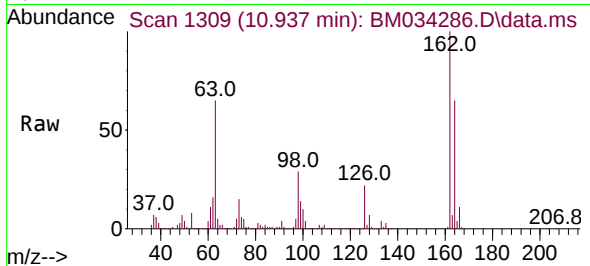




#31
Naphthalene
Concen: 2.717 ng
RT: 10.937 min Scan# 1137
Delta R.T. 0.124 min
Lab File: BM034286.D
Acq: 21 Mar 2022 12:35

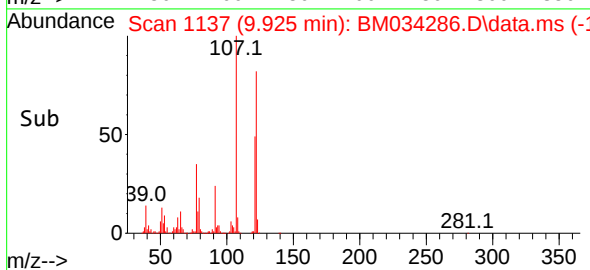
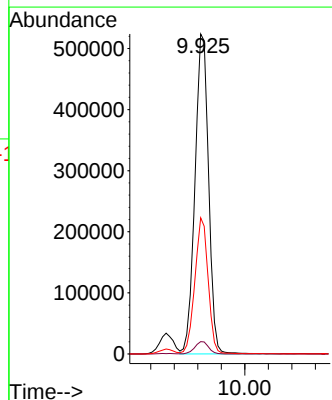
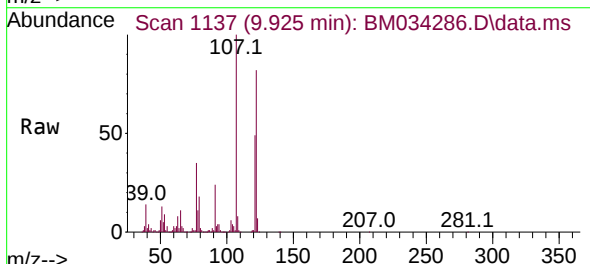
Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WP

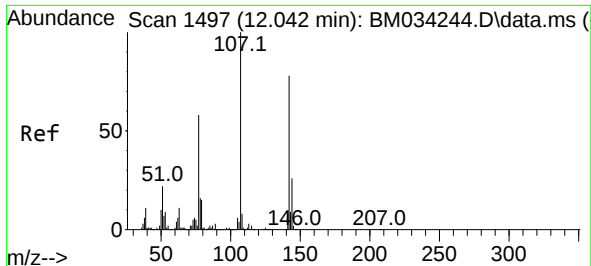
Tgt Ion:128 Resp: 98302
Ion Ratio Lower Upper
128 100
129 7.8 8.8 13.2#
127 25.0 10.2 15.4#



#32
Benzoic acid
Concen: 109.912 ng
RT: 9.925 min Scan# 1137
Delta R.T. -0.147 min
Lab File: BM034286.D
Acq: 21 Mar 2022 12:35

Tgt Ion:122 Resp: 840373
Ion Ratio Lower Upper
122 100
105 3.8 109.6 149.6#
77 42.5 83.1 123.1#

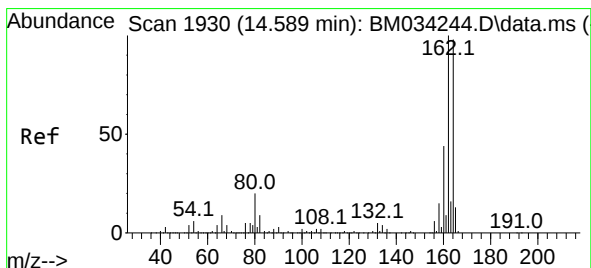
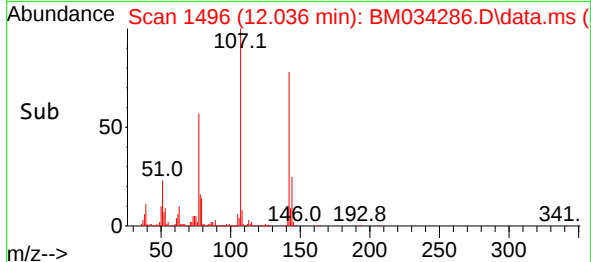
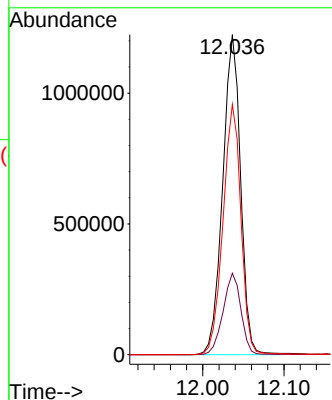
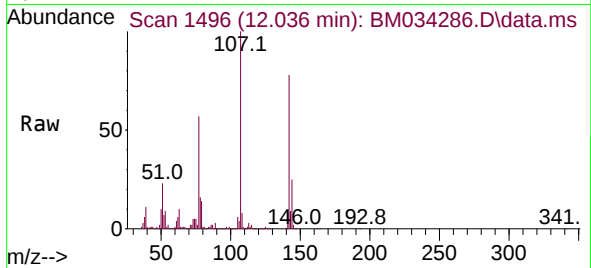




#36
4-Chloro-3-methylphenol
Concen: 152.542 ng
RT: 12.036 min Scan# 1497
Delta R.T. -0.006 min
Lab File: BM034286.D
Acq: 21 Mar 2022 12:35

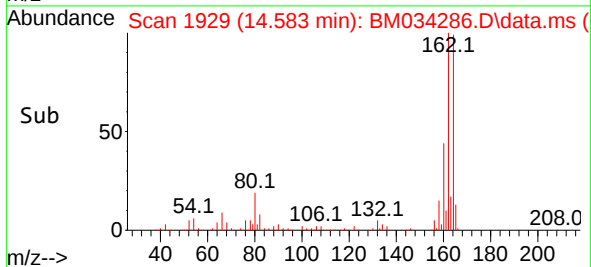
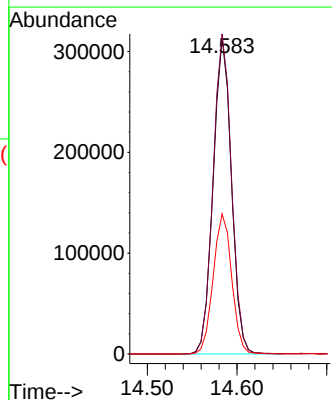
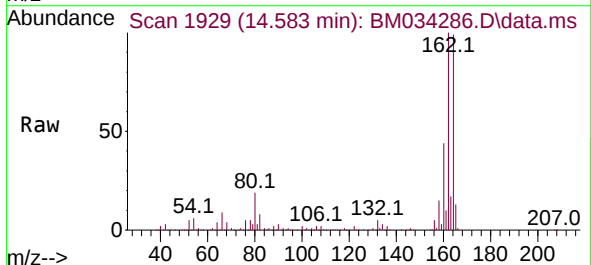
Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WP

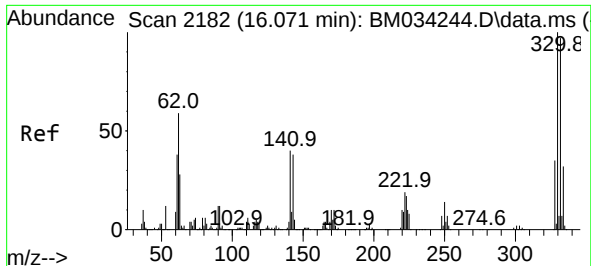
Tgt Ion:107 Resp: 1877942
Ion Ratio Lower Upper
107 100
144 25.5 20.8 31.2
142 78.2 62.7 94.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.583 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BM034286.D
Acq: 21 Mar 2022 12:35

Tgt Ion:164 Resp: 442259
Ion Ratio Lower Upper
164 100
162 101.2 81.6 122.4
160 44.3 35.6 53.4

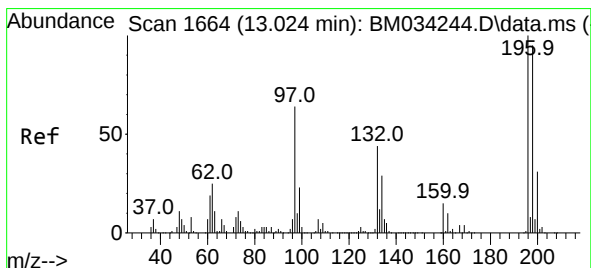
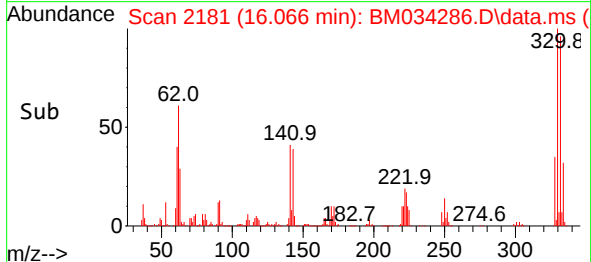
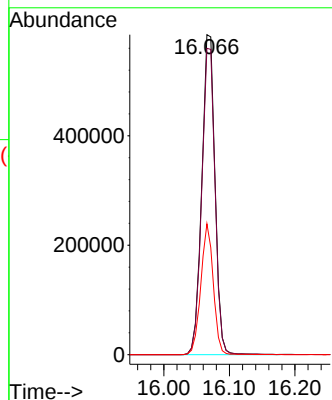
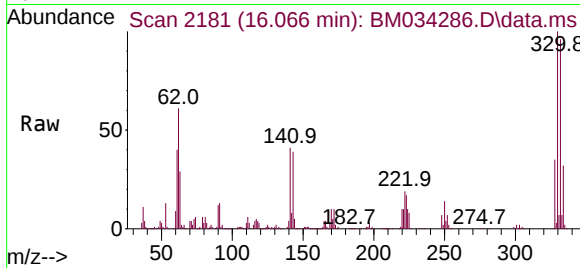




#42
2,4,6-Tribromophenol
Concen: 137.574 ng
RT: 16.066 min Scan# 2182
Delta R.T. -0.006 min
Lab File: BM034286.D
Acq: 21 Mar 2022 12:35

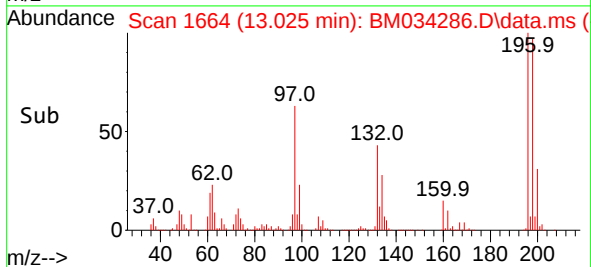
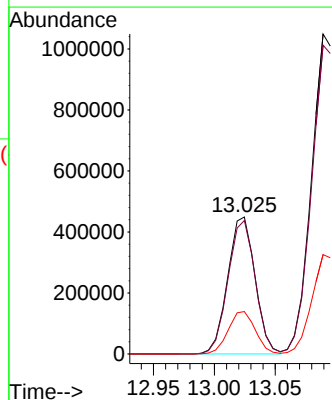
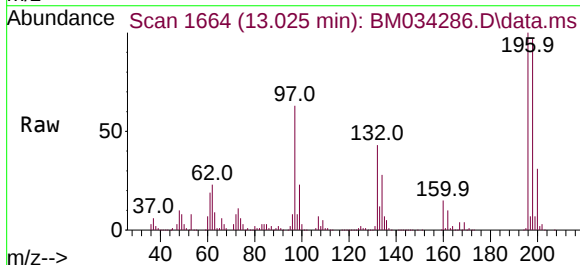
Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WP

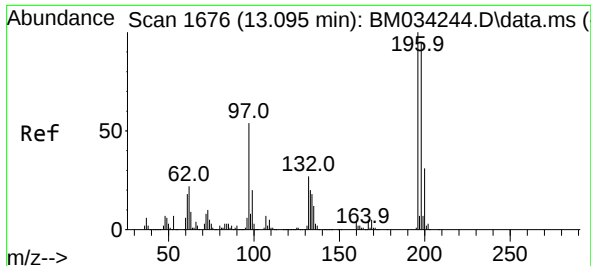
Tgt Ion:330 Resp: 820093
Ion Ratio Lower Upper
330 100
332 96.5 78.2 117.4
141 38.7 30.6 45.8



#43
2,4,6-Trichlorophenol
Concen: 76.484 ng
RT: 13.025 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BM034286.D
Acq: 21 Mar 2022 12:35

Tgt Ion:196 Resp: 704748
Ion Ratio Lower Upper
196 100
198 97.4 76.1 114.1
200 31.0 24.9 37.3

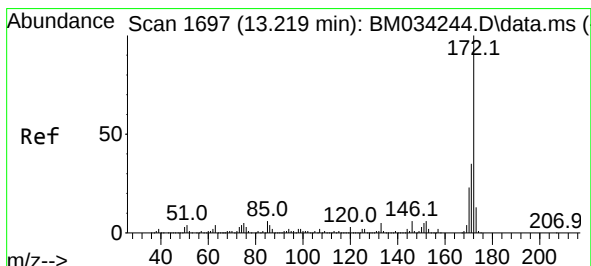
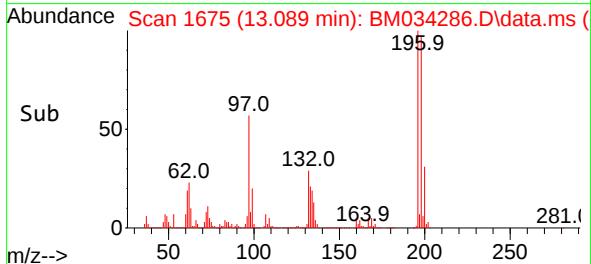
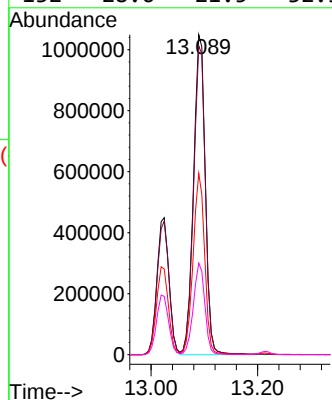
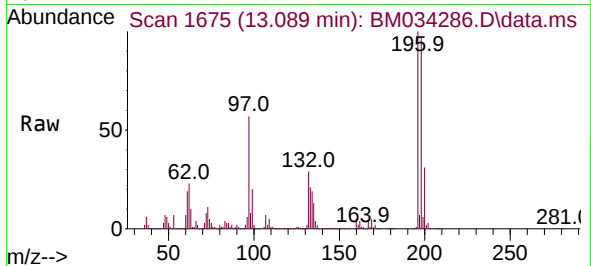




#44
2,4,5-Trichlorophenol
Concen: 163.244 ng
RT: 13.089 min Scan# 1675
Delta R.T. -0.006 min
Lab File: BM034286.D
Acq: 21 Mar 2022 12:35

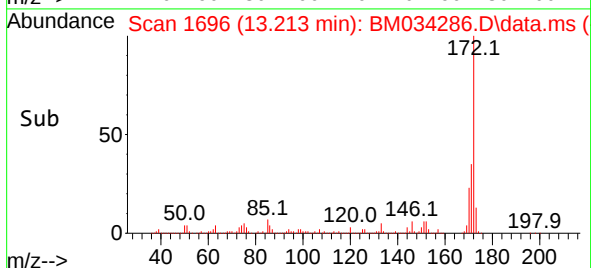
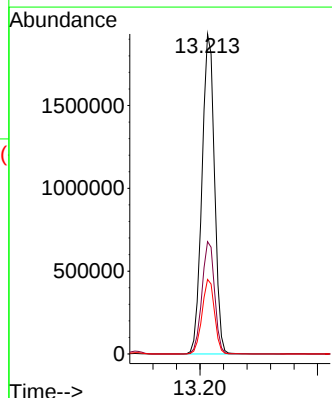
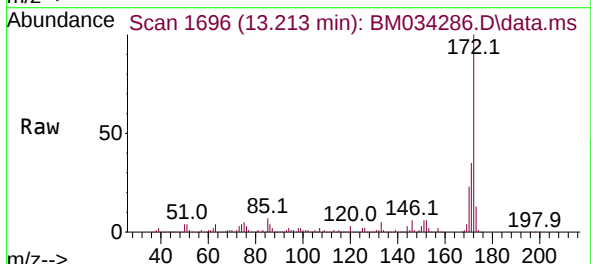
Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WP

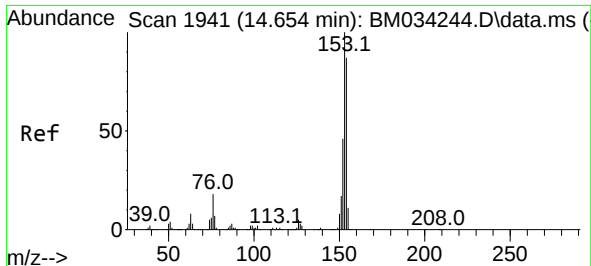
Tgt Ion:196 Resp: 1614549
Ion Ratio Lower Upper
196 100
198 96.5 75.9 113.9
97 56.6 43.2 64.8
132 28.6 21.5 32.3



#45
2-Fluorobiphenyl
Concen: 88.174 ng
RT: 13.213 min Scan# 1696
Delta R.T. -0.006 min
Lab File: BM034286.D
Acq: 21 Mar 2022 12:35

Tgt Ion:172 Resp: 2853726
Ion Ratio Lower Upper
172 100
171 35.1 28.0 42.0
170 23.3 18.6 28.0

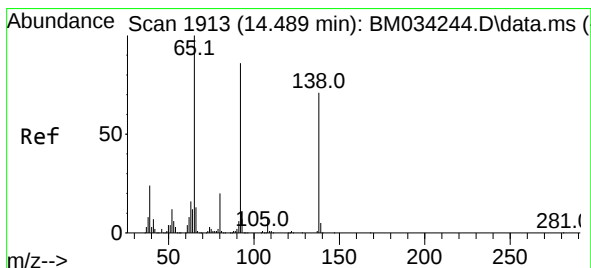
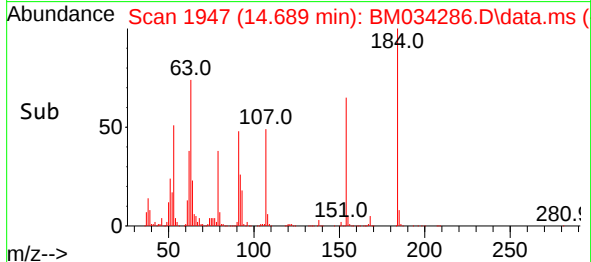
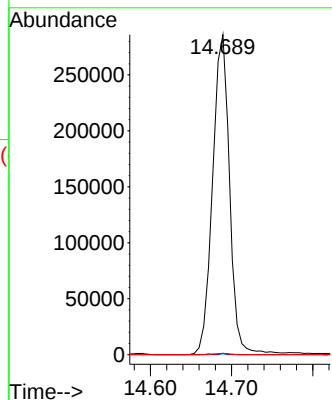
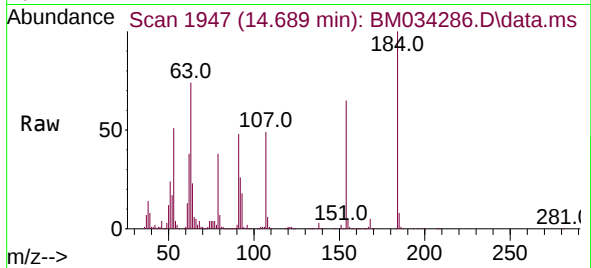




#52
Acenaphthene
Concen: 15.312 ng
RT: 14.689 min Scan# 1947
Delta R.T. 0.036 min
Lab File: BM034286.D
Acq: 21 Mar 2022 12:35

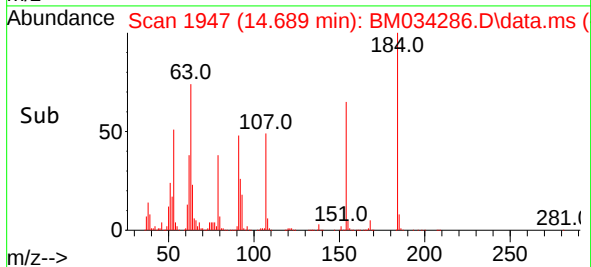
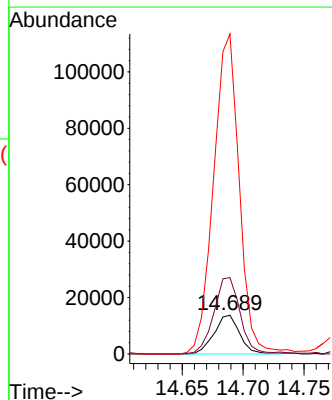
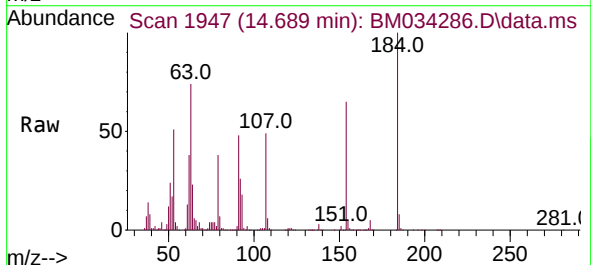
Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WP

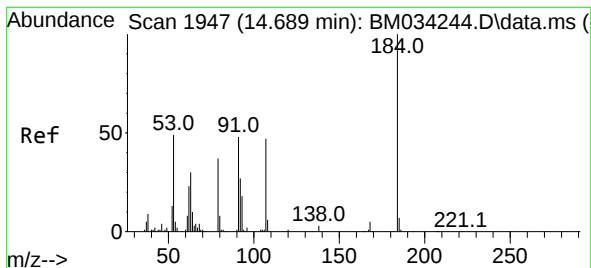
Tgt Ion:154 Resp: 416095
Ion Ratio Lower Upper
154 100
153 0.5 91.8 137.8#
152 0.4 42.6 64.0#



#53
3-Nitroaniline
Concen: 2.910 ng
RT: 14.689 min Scan# 1947
Delta R.T. 0.200 min
Lab File: BM034286.D
Acq: 21 Mar 2022 12:35

Tgt Ion:138 Resp: 20159
Ion Ratio Lower Upper
138 100
108 197.5 8.3 12.5#
92 827.8 97.6 146.4#

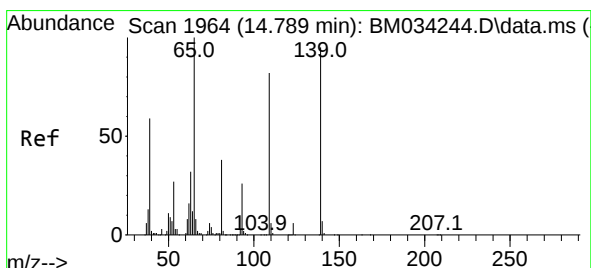
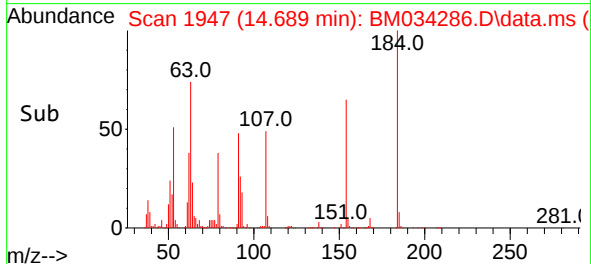
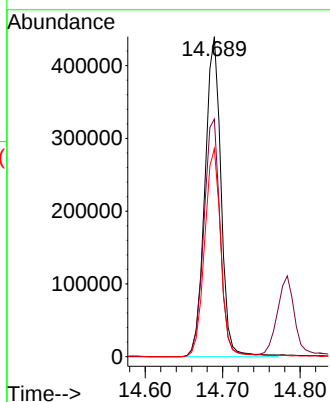
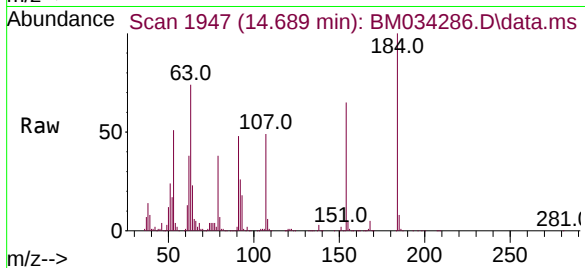




#54
2,4-Dinitrophenol
Concen: 163.617 ng
RT: 14.689 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BM034286.D
Acq: 21 Mar 2022 12:35

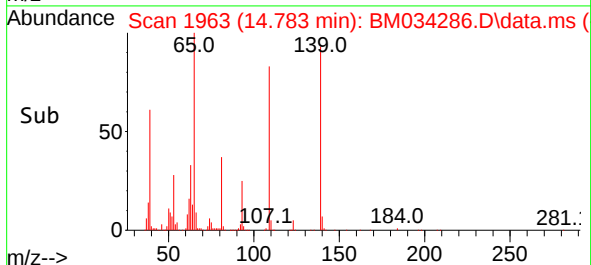
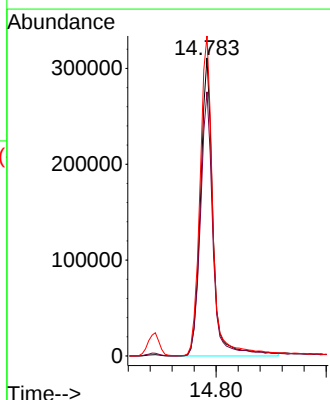
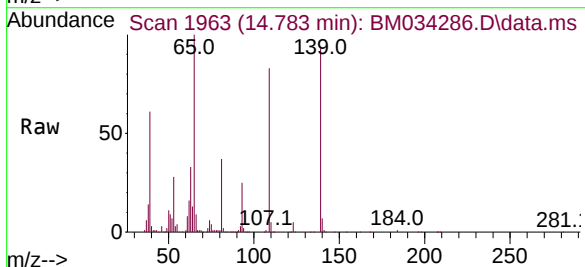
Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WP

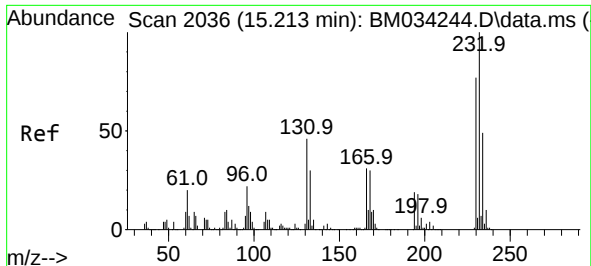
Tgt Ion:184 Resp: 632904
Ion Ratio Lower Upper
184 100
63 74.3 58.3 87.5
154 65.0 52.6 78.8



#56
4-Nitrophenol
Concen: 87.897 ng
RT: 14.783 min Scan# 1963
Delta R.T. -0.006 min
Lab File: BM034286.D
Acq: 21 Mar 2022 12:35

Tgt Ion:139 Resp: 493578
Ion Ratio Lower Upper
139 100
109 88.6 66.3 106.3
65 107.4 85.5 125.5





#59

2,3,4,6-Tetrachlorophenol

Concen: 2.076 ng

RT: 15.207 min Scan# 2036

Delta R.T. -0.006 min

Lab File: BM034286.D

Acq: 21 Mar 2022 12:35

Instrument :

BNA_M

ClientSampleId :

PT-ACIDS-WP

Tgt Ion:232 Resp: 18514

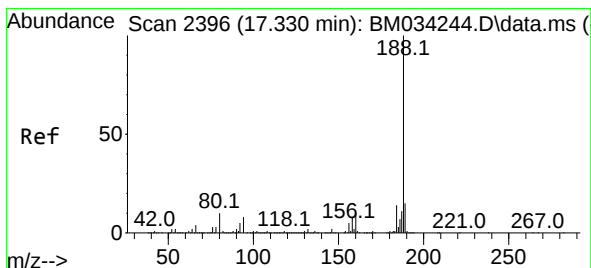
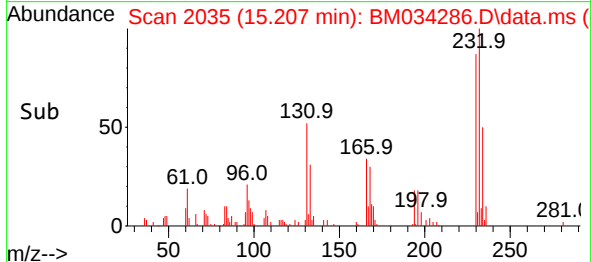
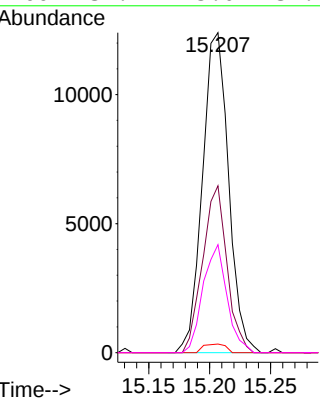
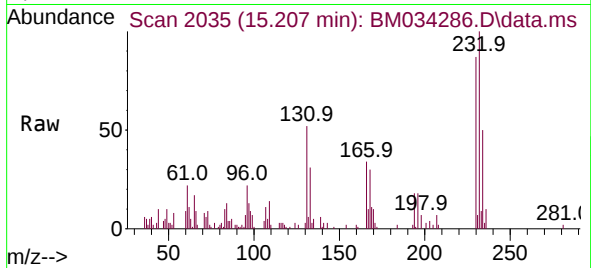
Ion Ratio Lower Upper

232 100

131 48.7 38.0 57.0

130 2.3 2.2 3.2

166 31.1 25.0 37.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.324 min Scan# 2395

Delta R.T. -0.006 min

Lab File: BM034286.D

Acq: 21 Mar 2022 12:35

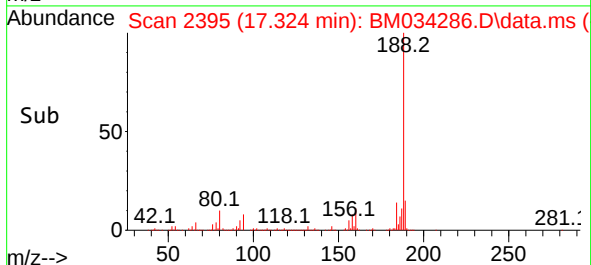
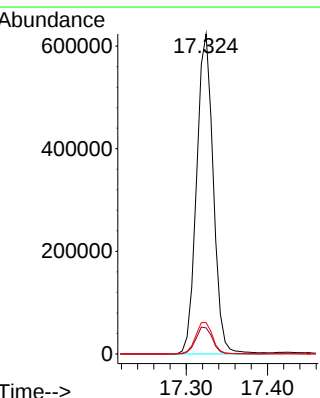
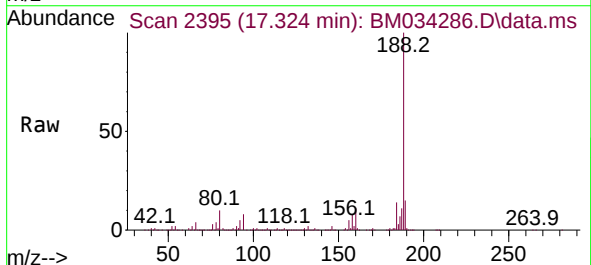
Tgt Ion:188 Resp: 888803

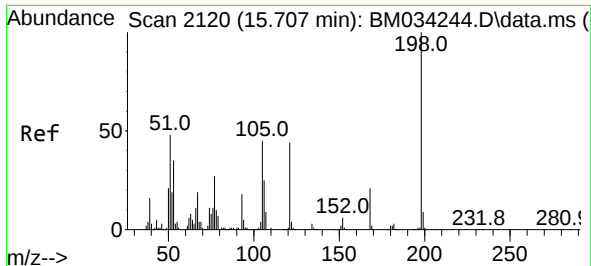
Ion Ratio Lower Upper

188 100

94 8.1 6.6 9.8

80 9.8 7.8 11.8

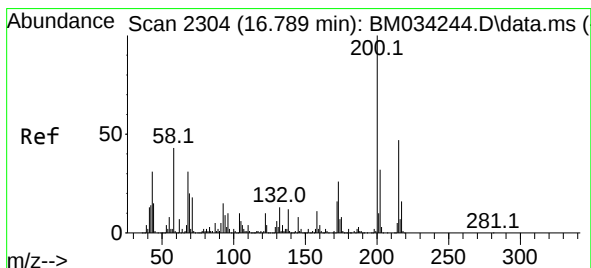
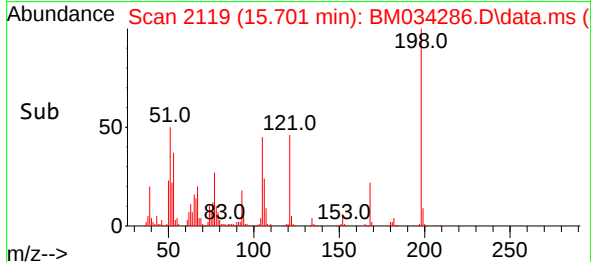
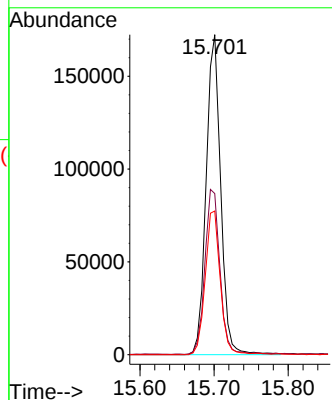
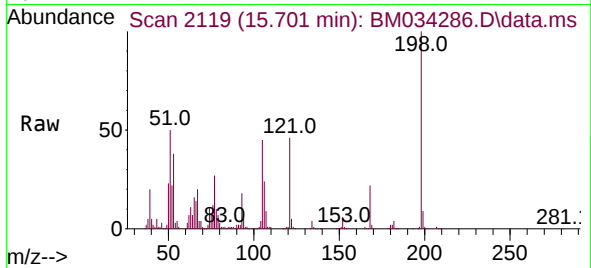




#65
4,6-Dinitro-2-methylphenol
Concen: 40.847 ng
RT: 15.701 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BM034286.D
Acq: 21 Mar 2022 12:35

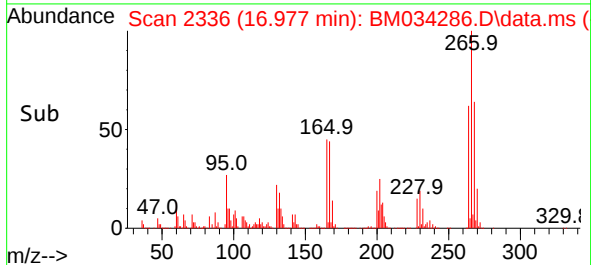
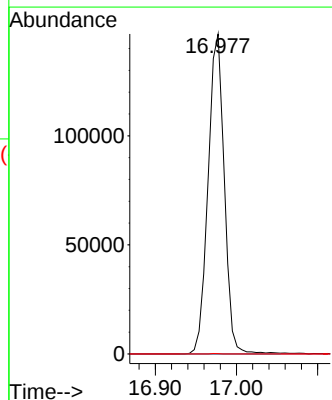
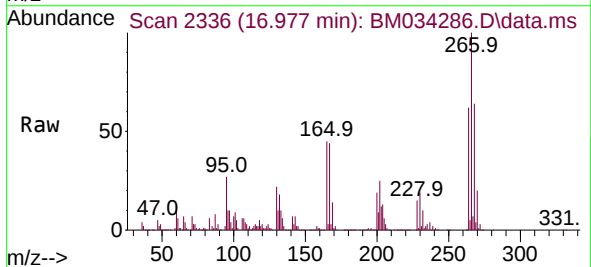
Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WP

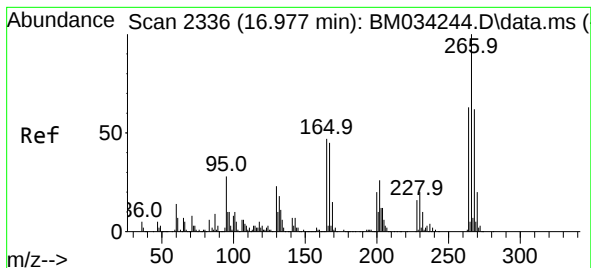
Tgt Ion:198 Resp: 236069
Ion Ratio Lower Upper
198 100
51 50.4 29.0 69.0
105 44.9 25.3 65.3



#69
Atrazine
Concen: 21.824 ng
RT: 16.977 min Scan# 2336
Delta R.T. 0.188 min
Lab File: BM034286.D
Acq: 21 Mar 2022 12:35

Tgt Ion:200 Resp: 203126
Ion Ratio Lower Upper
200 100
173 0.0 6.1 46.1#
215 0.1 27.4 67.4#





#70

Pentachlorophenol

Concen: 141.257 ng

RT: 16.977 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM034286.D

Acq: 21 Mar 2022 12:35

Instrument :

BNA_M

ClientSampleId :

PT-ACIDS-WP

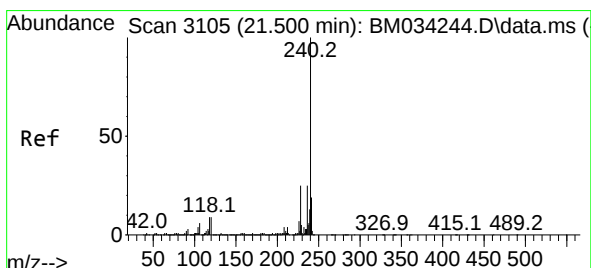
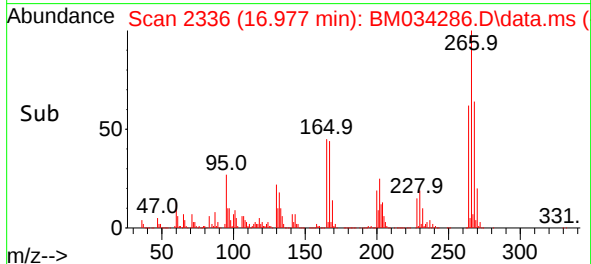
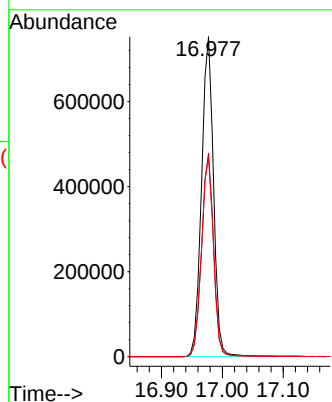
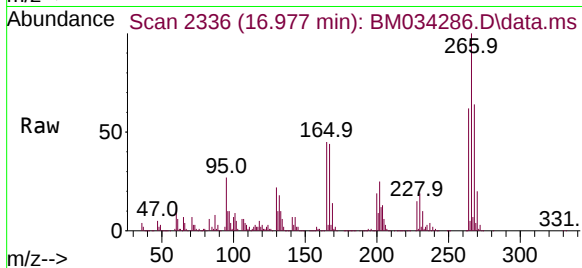
Tgt Ion:266 Resp: 1029462

Ion Ratio Lower Upper

266 100

268 63.6 49.8 74.8

264 62.1 50.3 75.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.495 min Scan# 3104

Delta R.T. -0.006 min

Lab File: BM034286.D

Acq: 21 Mar 2022 12:35

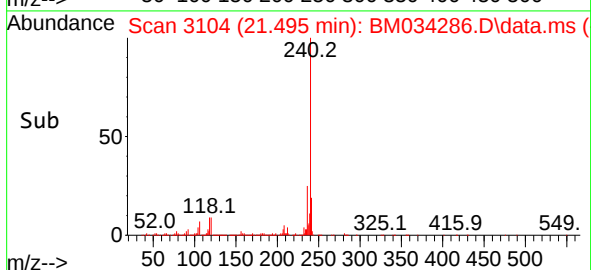
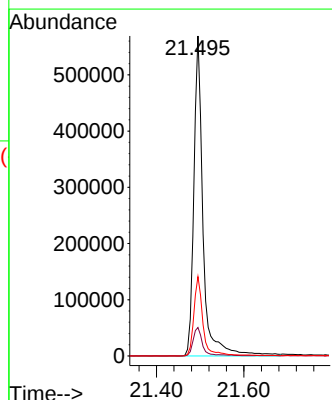
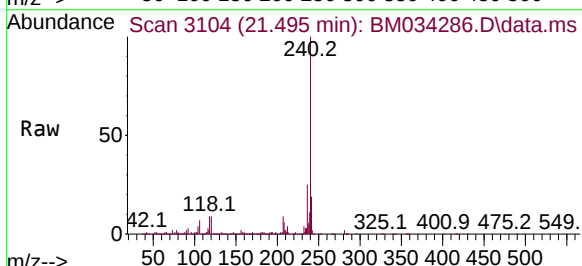
Tgt Ion:240 Resp: 837548

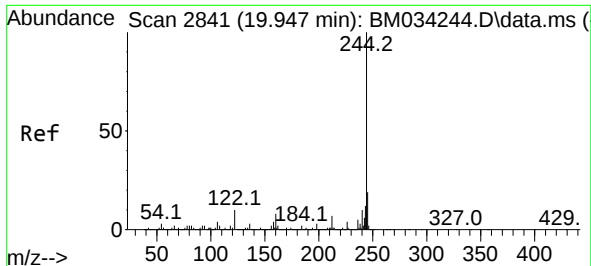
Ion Ratio Lower Upper

240 100

120 8.9 7.3 10.9

236 24.8 20.2 30.2

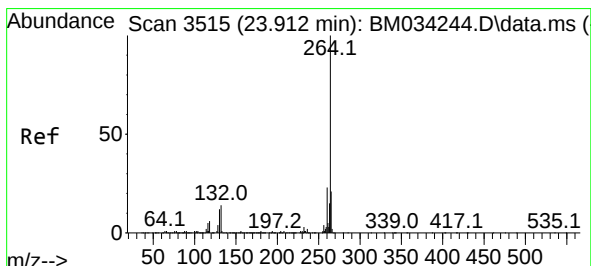
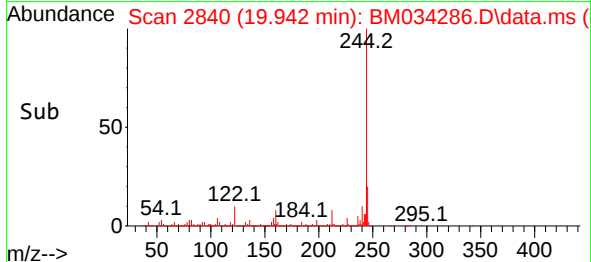
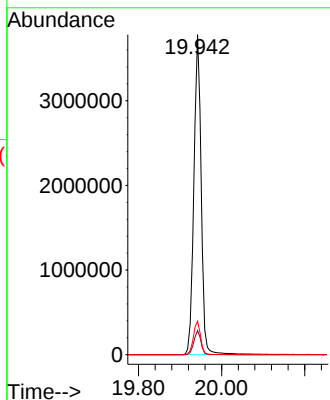
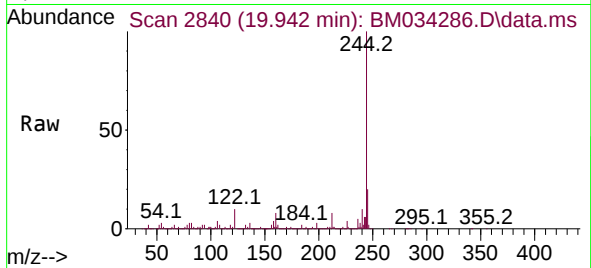




#79
 Terphenyl-d14
 Concen: 95.930 ng
 RT: 19.942 min Scan# 216
 Delta R.T. -0.006 min
 Lab File: BM034286.D
 Acq: 21 Mar 2022 12:35

Instrument :
 BNA_M
 ClientSampleId :
 PT-ACIDS-WP

Tgt Ion:244 Resp: 4623938
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.9 8.9
 122 10.5 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.906 min Scan# 3514
 Delta R.T. -0.006 min
 Lab File: BM034286.D
 Acq: 21 Mar 2022 12:35

Tgt Ion:264 Resp: 835579
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.6 28.0
 265 21.3 17.6 26.4

