

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032122\
 Data File : BM034287.D
 Acq On : 21 Mar 2022 13:37
 Operator : CG/JU
 Sample : N1870-06DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PT-ACIDS-WPDL

Quant Time: Mar 21 17:55:01 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)

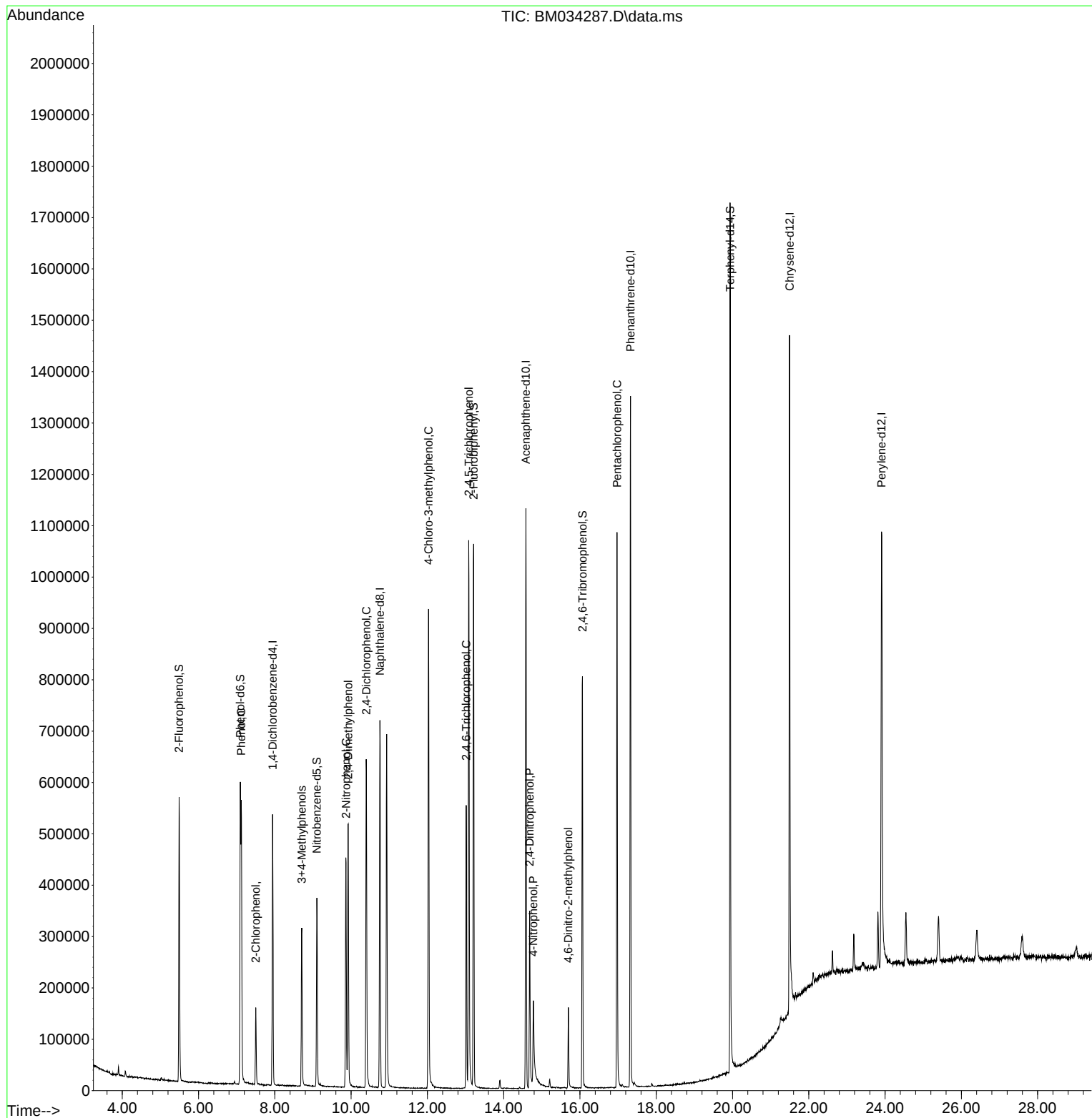
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	135757	20.000	ng	0.00
21) Naphthalene-d8	10.754	136	564154	20.000	ng	-0.01
39) Acenaphthene-d10	14.583	164	369651	20.000	ng	0.00
64) Phenanthrene-d10	17.324	188	769454	20.000	ng	0.00
76) Chrysene-d12	21.494	240	765266	20.000	ng	0.00
86) Perylene-d12	23.906	264	748916	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.490	112	229574	30.337	ng	-0.01
7) Phenol-d6	7.095	99	301591	27.835	ng	-0.01
23) Nitrobenzene-d5	9.101	82	209051	18.041	ng	-0.01
42) 2,4,6-Tribromophenol	16.065	330	137959	27.689	ng	0.00
45) 2-Fluorobiphenyl	13.213	172	524117	19.375	ng	0.00
79) Terphenyl-d14	19.936	244	865859	19.660	ng	-0.01
Target Compounds						
						Qvalue
8) 2-Chlorophenol	7.501	128	59719	6.747	ng	97
10) Phenol	7.119	94	269604	25.019	ng	98
20) 3+4-Methylphenols	8.707	107	134599	12.895	ng	91
26) 2-Nitrophenol	9.866	139	131080	27.322	ng	99
27) 2,4-Dimethylphenol	9.925	122	140546	18.709	ng	98
29) 2,4-Dichlorophenol	10.395	162	219405	25.137	ng	100
36) 4-Chloro-3-methylphenol	12.030	107	315468	31.539	ng	97
43) 2,4,6-Trichlorophenol	13.019	196	116088	15.073	ng	99
44) 2,4,5-Trichlorophenol	13.083	196	274707	33.231	ng	99
54) 2,4-Dinitrophenol	14.683	184	73305	22.673	ng	96
56) 4-Nitrophenol	14.777	139	58543	12.473	ng	97
65) 4,6-Dinitro-2-methylph...	15.695	198	32142	6.424	ng	95
70) Pentachlorophenol	16.971	266	171714	27.216	ng	99

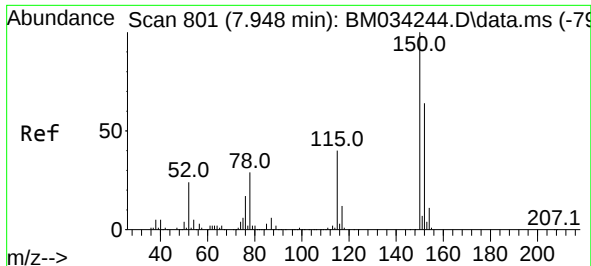
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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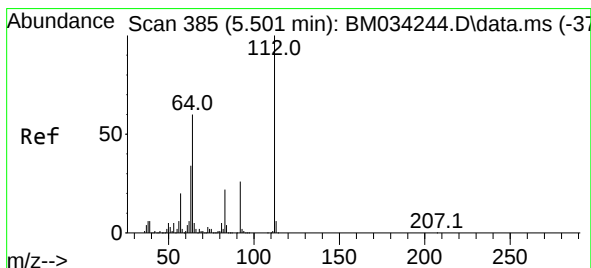
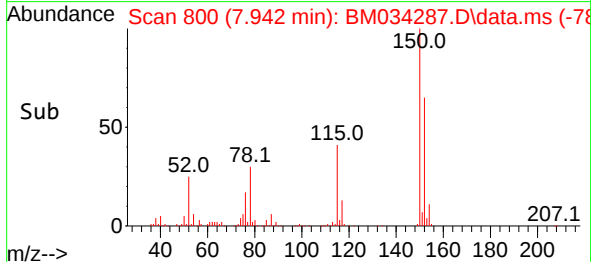
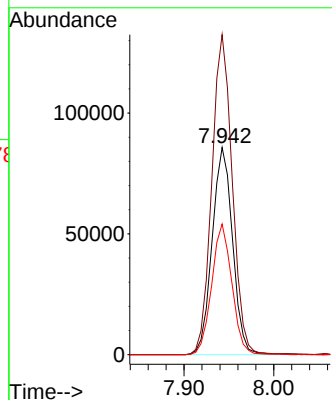
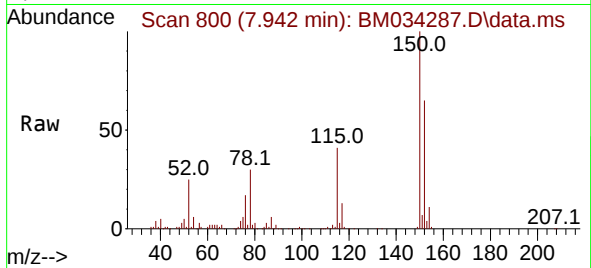




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.942 min Scan# 801
Delta R.T. -0.006 min
Lab File: BM034287.D
Acq: 21 Mar 2022 13:37

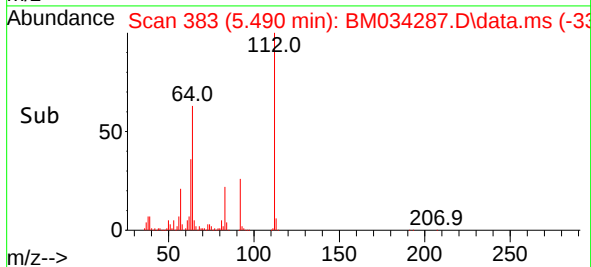
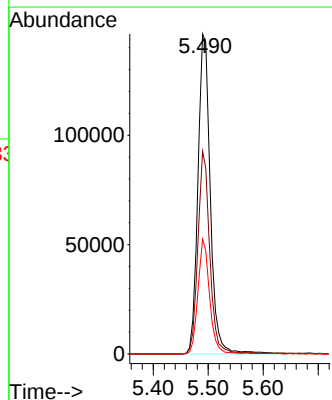
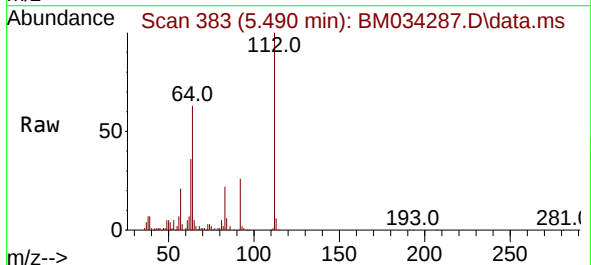
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ClientSampleId :
PT-ACIDS-WPDL

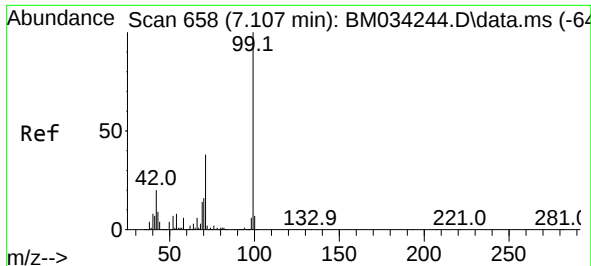
Tgt Ion:152 Resp: 135757
Ion Ratio Lower Upper
152 100
150 154.4 125.4 188.2
115 63.1 50.1 75.1



#5
2-Fluorophenol
Concen: 30.337 ng
RT: 5.490 min Scan# 383
Delta R.T. -0.012 min
Lab File: BM034287.D
Acq: 21 Mar 2022 13:37

Tgt Ion:112 Resp: 229574
Ion Ratio Lower Upper
112 100
64 63.4 47.9 71.9
63 35.9 27.1 40.7

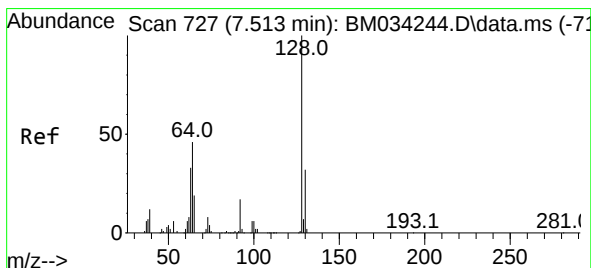
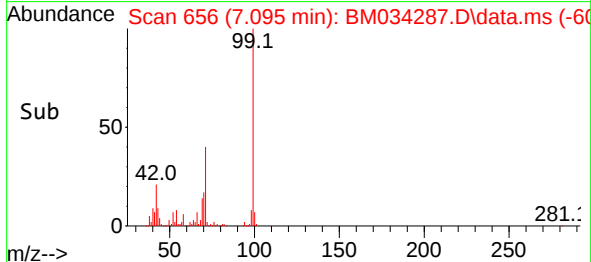
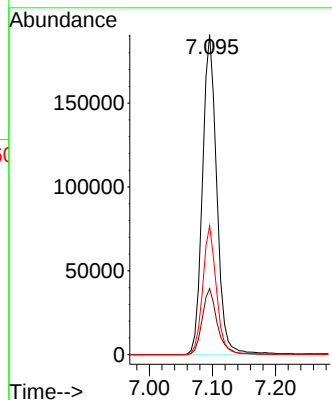
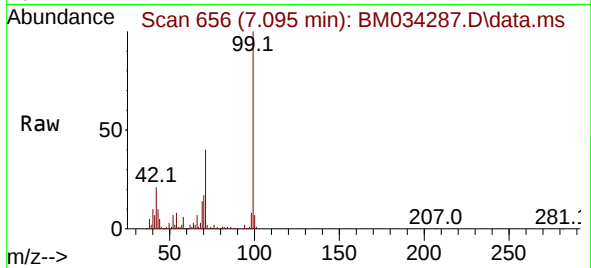




#7
Phenol-d6
Concen: 27.835 ng
RT: 7.095 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM034287.D
Acq: 21 Mar 2022 13:37

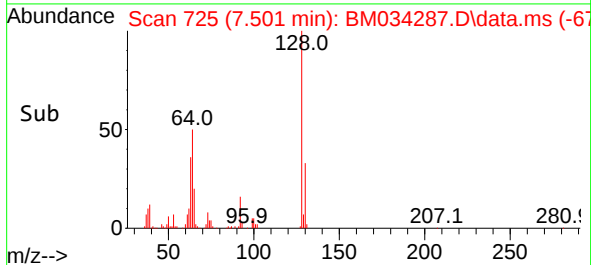
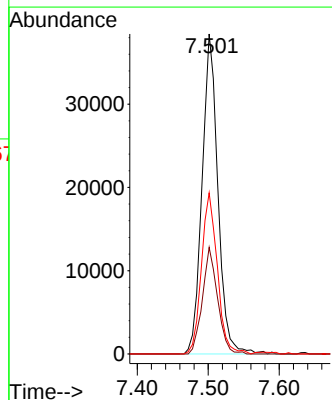
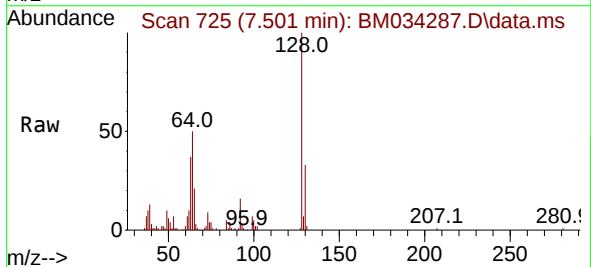
Instrument :
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ClientSampleId :
PT-ACIDS-WPDL

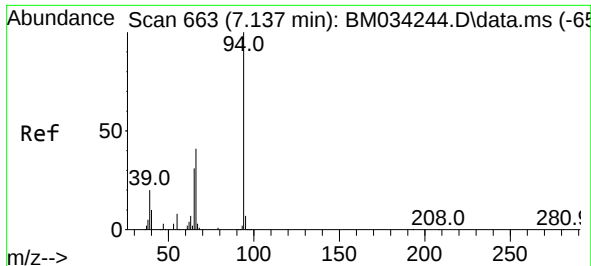
Tgt Ion: 99 Resp: 301591
Ion Ratio Lower Upper
99 100
42 20.6 15.6 23.4
71 40.3 30.6 46.0



#8
2-Chlorophenol
Concen: 6.747 ng
RT: 7.501 min Scan# 725
Delta R.T. -0.012 min
Lab File: BM034287.D
Acq: 21 Mar 2022 13:37

Tgt Ion: 128 Resp: 59719
Ion Ratio Lower Upper
128 100
130 33.3 12.3 52.3
64 50.4 28.1 68.1

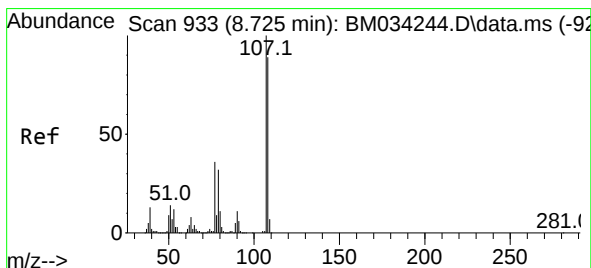
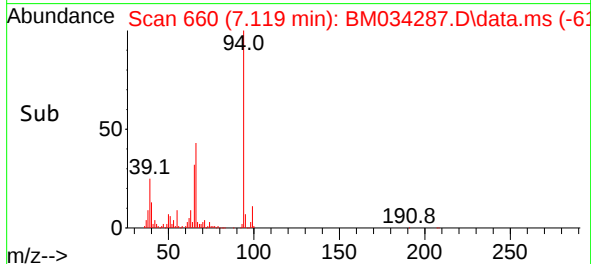
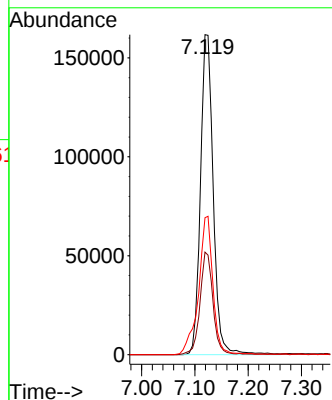
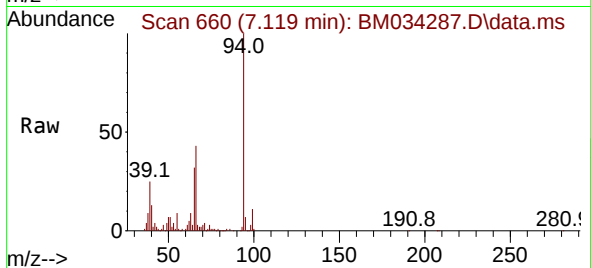




#10
Phenol
Concen: 25.019 ng
RT: 7.119 min Scan# 60
Delta R.T. -0.018 min
Lab File: BM034287.D
Acq: 21 Mar 2022 13:37

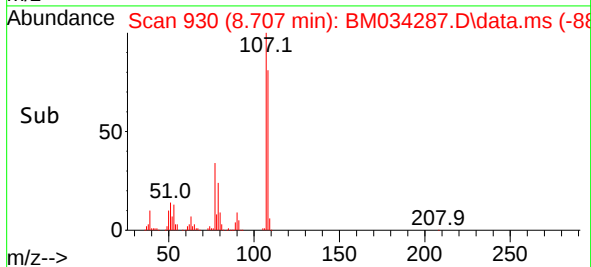
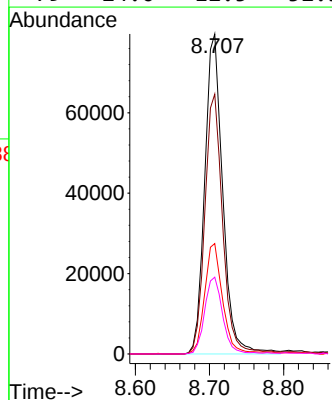
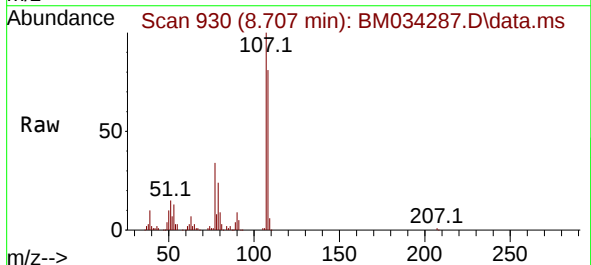
Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WPDL

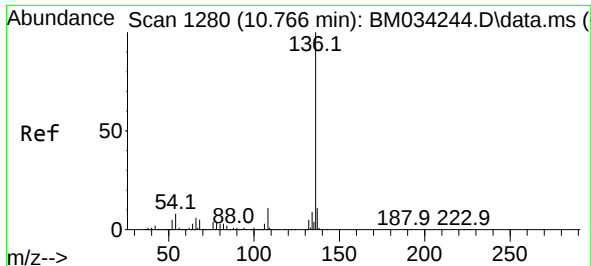
Tgt Ion: 94 Resp: 269604
Ion Ratio Lower Upper
94 100
65 32.1 10.9 50.9
66 42.8 22.0 62.0



#20
3+4-Methylphenols
Concen: 12.895 ng
RT: 8.707 min Scan# 930
Delta R.T. -0.018 min
Lab File: BM034287.D
Acq: 21 Mar 2022 13:37

Tgt Ion: 107 Resp: 134599
Ion Ratio Lower Upper
107 100
108 81.2 69.2 109.2
77 34.5 16.5 56.5
79 24.0 12.5 52.5

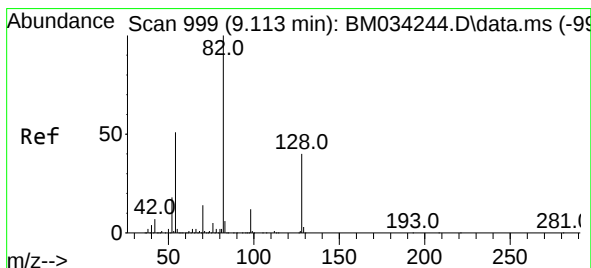
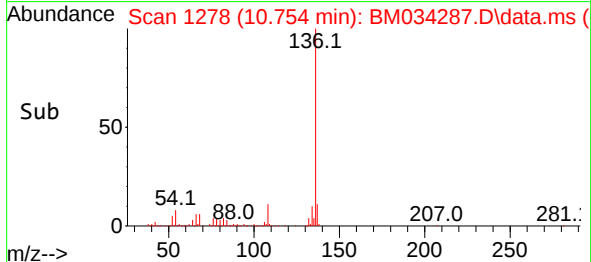
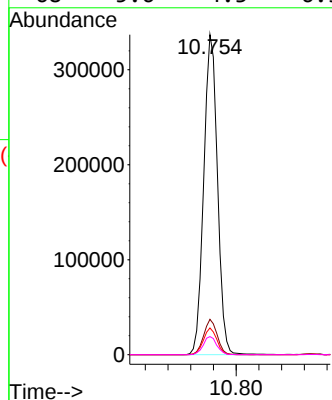
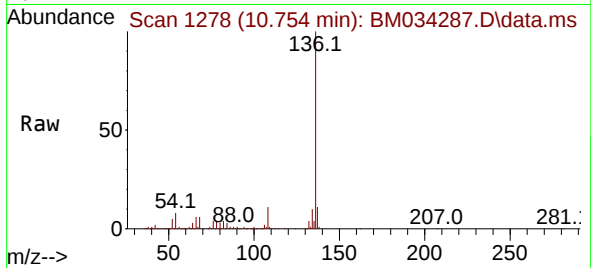




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.754 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM034287.D
Acq: 21 Mar 2022 13:37

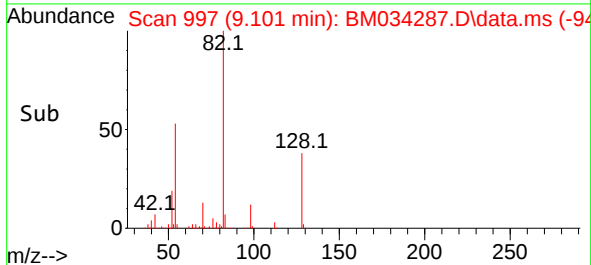
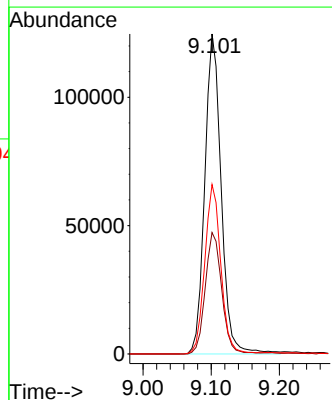
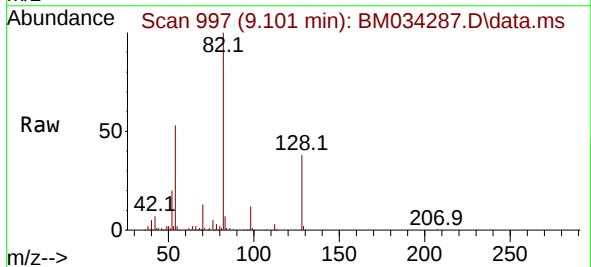
Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WPDL

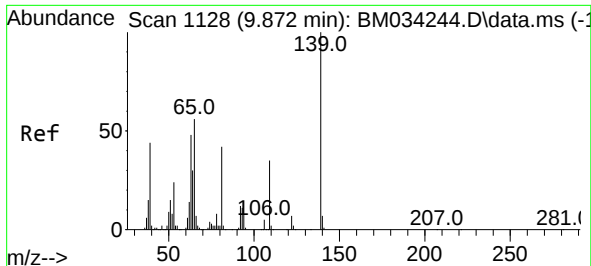
Tgt Ion:136 Resp: 564154
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.4 6.2 9.4
68 5.6 4.3 6.5



#23
Nitrobenzene-d5
Concen: 18.041 ng
RT: 9.101 min Scan# 997
Delta R.T. -0.012 min
Lab File: BM034287.D
Acq: 21 Mar 2022 13:37

Tgt Ion: 82 Resp: 209051
Ion Ratio Lower Upper
82 100
128 37.9 31.9 47.9
54 52.9 40.6 61.0

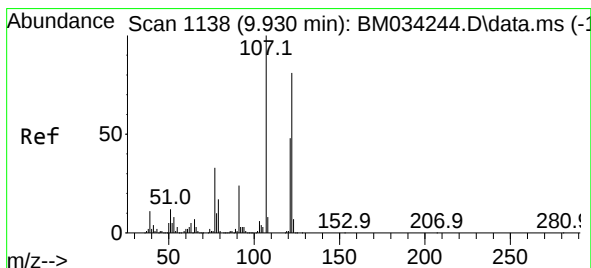
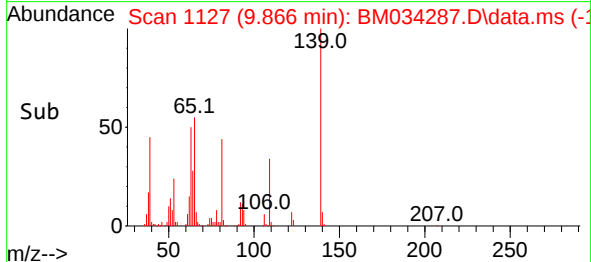
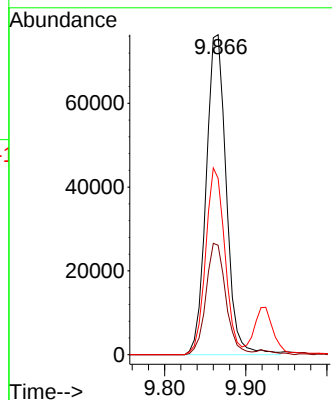
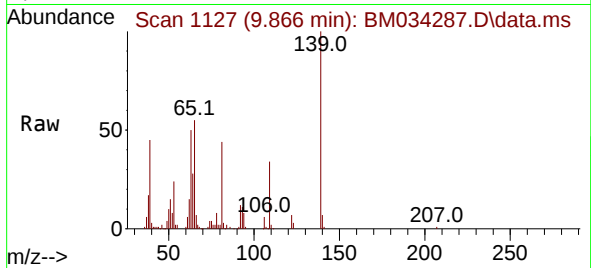




#26
2-Nitrophenol
Concen: 27.322 ng
RT: 9.866 min Scan# 1127
Delta R.T. -0.006 min
Lab File: BM034287.D
Acq: 21 Mar 2022 13:37

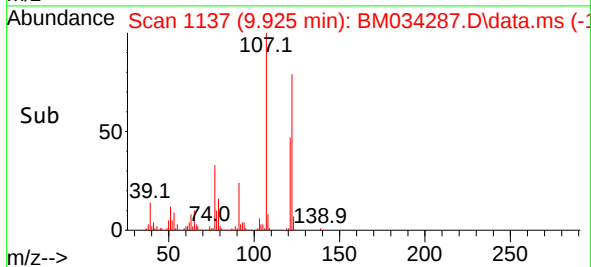
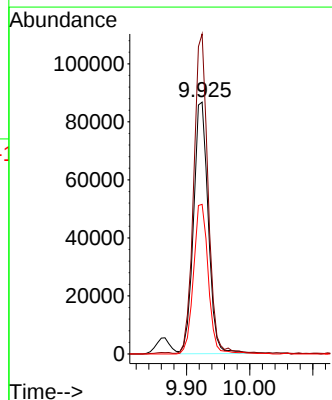
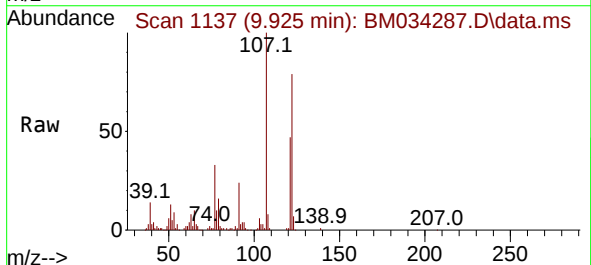
Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WPDL

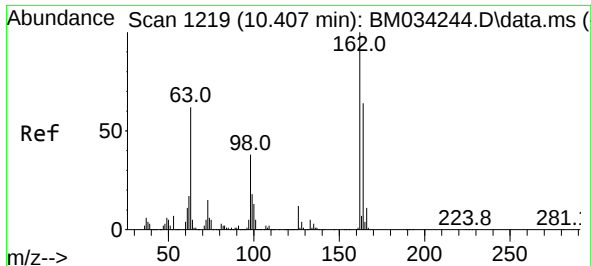
Tgt Ion:139 Resp: 131080
Ion Ratio Lower Upper
139 100
109 34.2 28.1 42.1
65 55.1 44.6 67.0



#27
2,4-Dimethylphenol
Concen: 18.709 ng
RT: 9.925 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BM034287.D
Acq: 21 Mar 2022 13:37

Tgt Ion:122 Resp: 140546
Ion Ratio Lower Upper
122 100
107 127.0 99.0 148.6
121 59.4 47.7 71.5





#29

2,4-Dichlorophenol

Concen: 25.137 ng

RT: 10.395 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM034287.D

Acq: 21 Mar 2022 13:37

Instrument :

BNA_M

ClientSampleId :

PT-ACIDS-WPDL

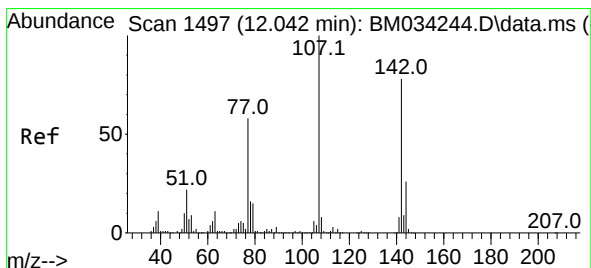
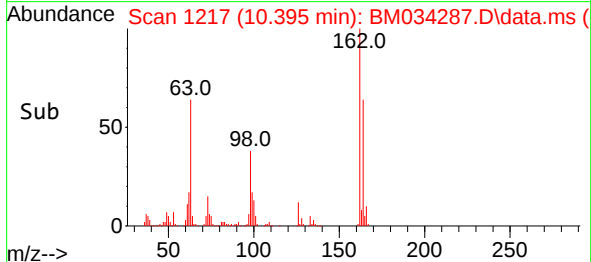
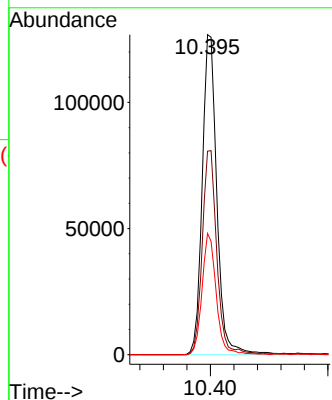
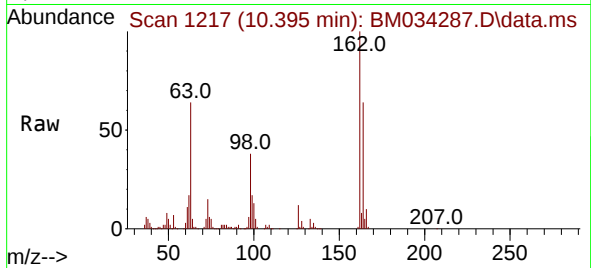
Tgt Ion:162 Resp: 219405

Ion Ratio Lower Upper

162 100

164 63.6 43.9 83.9

98 37.9 17.6 57.6



#36

4-Chloro-3-methylphenol

Concen: 31.539 ng

RT: 12.030 min Scan# 1495

Delta R.T. -0.012 min

Lab File: BM034287.D

Acq: 21 Mar 2022 13:37

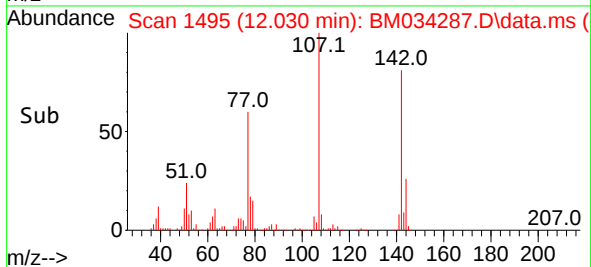
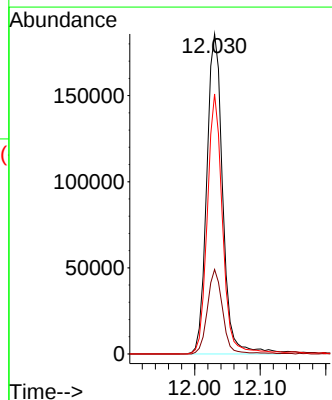
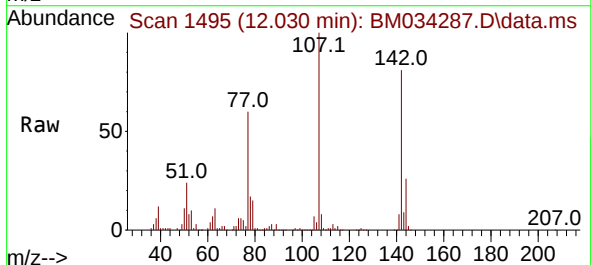
Tgt Ion:107 Resp: 315468

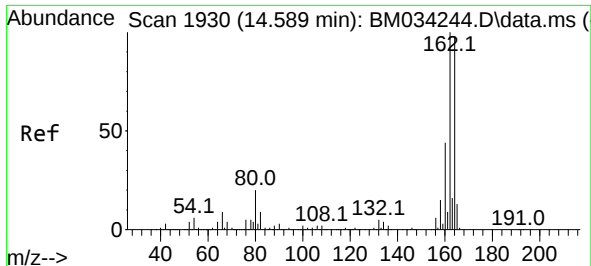
Ion Ratio Lower Upper

107 100

144 26.4 20.8 31.2

142 81.3 62.7 94.1

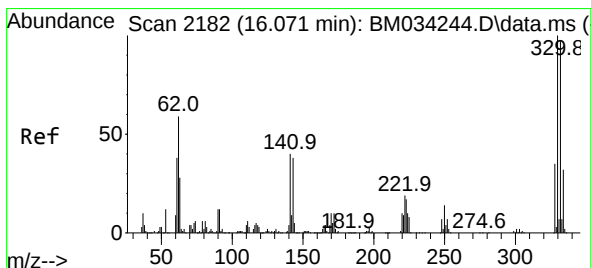
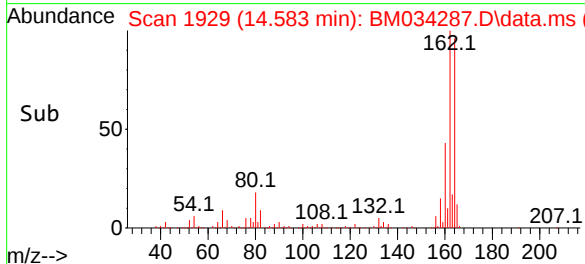
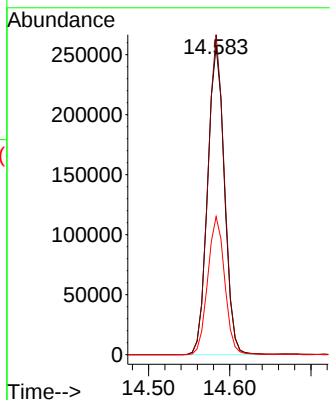
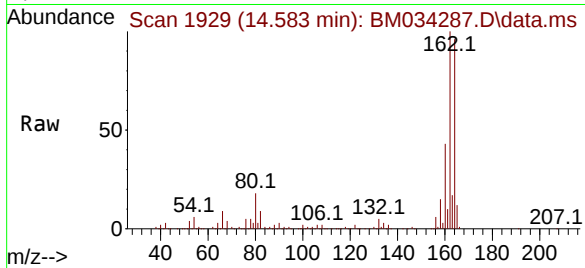




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.583 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BM034287.D
Acq: 21 Mar 2022 13:37

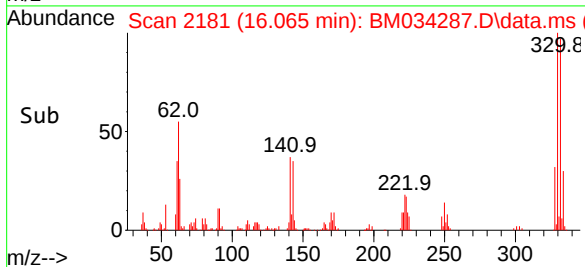
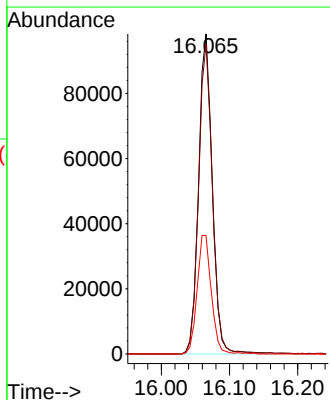
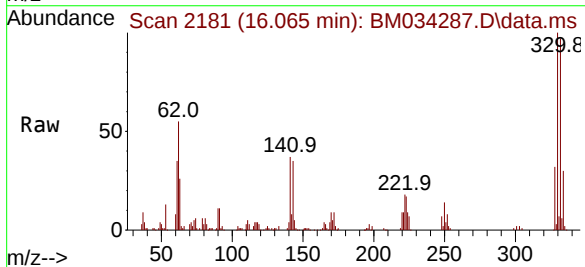
Instrument :
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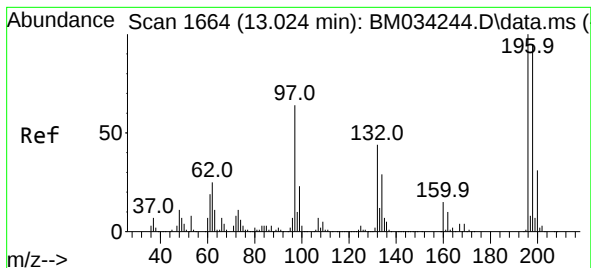
Tgt Ion:164 Resp: 369651
Ion Ratio Lower Upper
164 100
162 103.9 81.6 122.4
160 44.8 35.6 53.4



#42
2,4,6-Tribromophenol
Concen: 27.689 ng
RT: 16.065 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BM034287.D
Acq: 21 Mar 2022 13:37

Tgt Ion:330 Resp: 137959
Ion Ratio Lower Upper
330 100
332 96.9 78.2 117.4
141 38.3 30.6 45.8





#43

2,4,6-Trichlorophenol

Concen: 15.073 ng

RT: 13.019 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM034287.D

Acq: 21 Mar 2022 13:37

Instrument :

BNA_M

ClientSampleId :

PT-ACIDS-WPDL

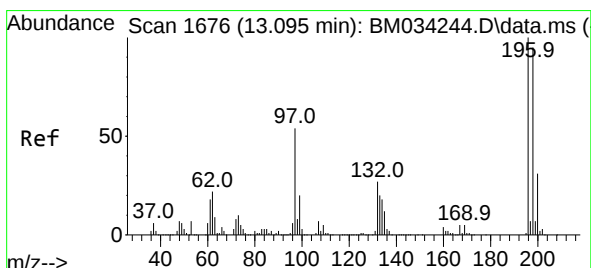
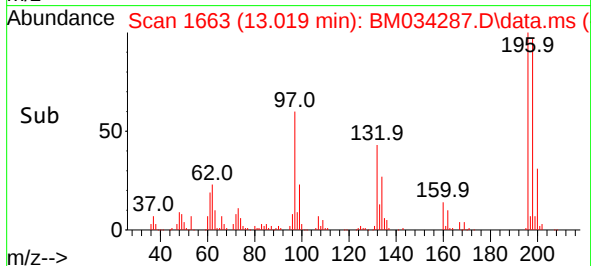
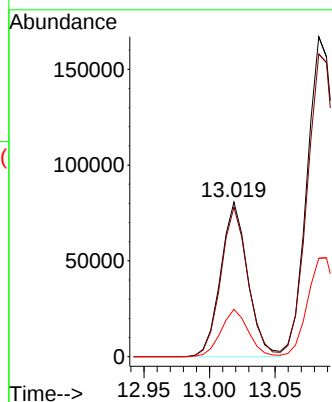
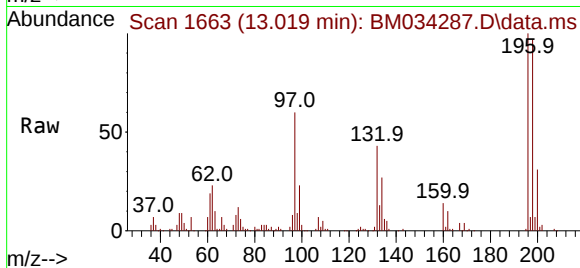
Tgt Ion:196 Resp: 116088

Ion Ratio Lower Upper

196 100

198 96.7 76.1 114.1

200 30.7 24.9 37.3



#44

2,4,5-Trichlorophenol

Concen: 33.231 ng

RT: 13.083 min Scan# 1674

Delta R.T. -0.012 min

Lab File: BM034287.D

Acq: 21 Mar 2022 13:37

Tgt Ion:196 Resp: 274707

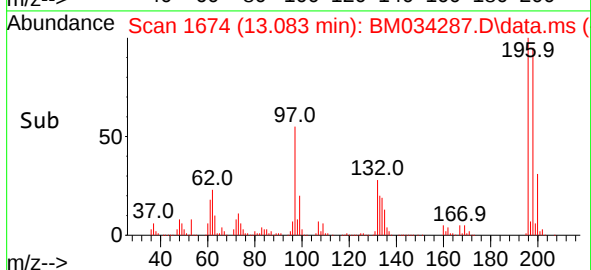
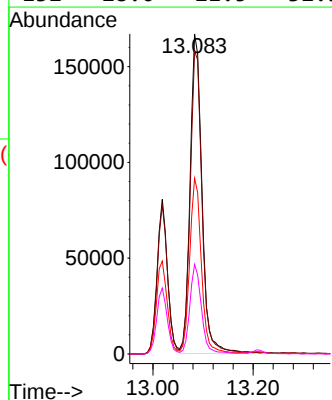
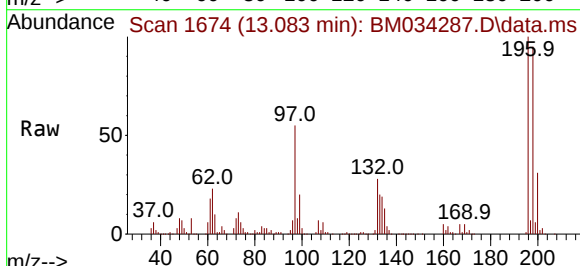
Ion Ratio Lower Upper

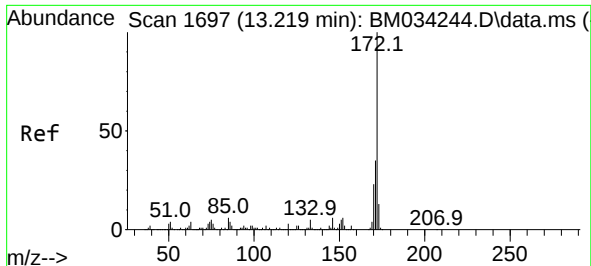
196 100

198 94.6 75.9 113.9

97 54.9 43.2 64.8

132 28.0 21.5 32.3

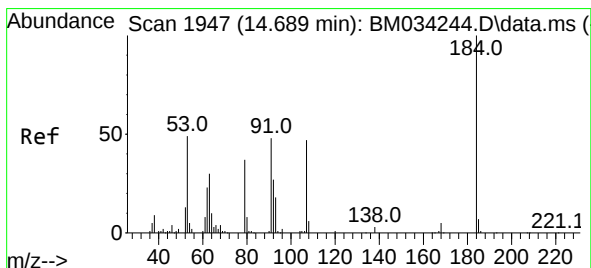
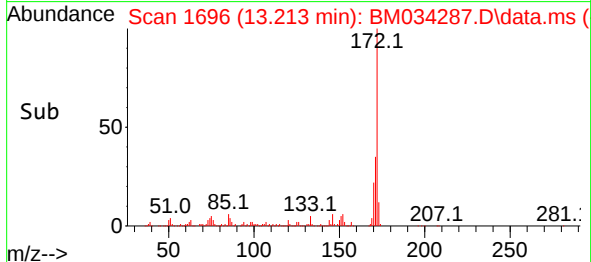
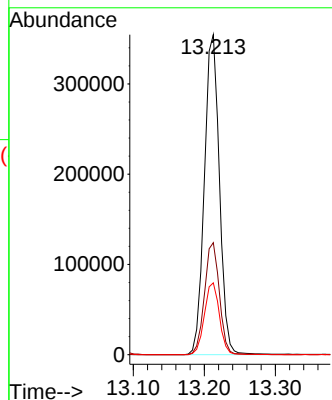
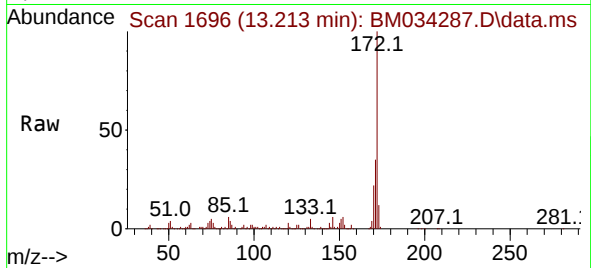




#45
2-Fluorobiphenyl
Concen: 19.375 ng
RT: 13.213 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM034287.D
Acq: 21 Mar 2022 13:37

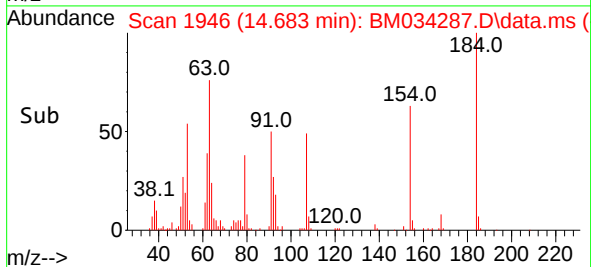
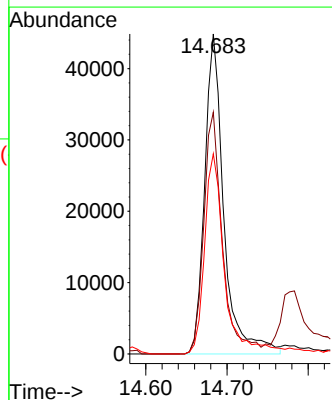
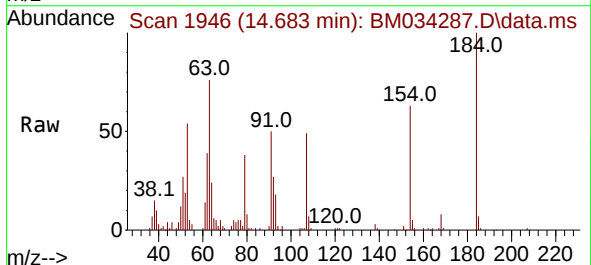
Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WPDL

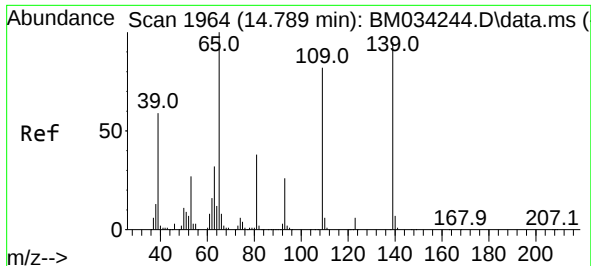
Tgt Ion:172 Resp: 524117
Ion Ratio Lower Upper
172 100
171 35.0 28.0 42.0
170 22.5 18.6 28.0



#54
2,4-Dinitrophenol
Concen: 22.673 ng
RT: 14.683 min Scan# 1946
Delta R.T. -0.006 min
Lab File: BM034287.D
Acq: 21 Mar 2022 13:37

Tgt Ion:184 Resp: 73305
Ion Ratio Lower Upper
184 100
63 75.5 58.3 87.5
154 62.5 52.6 78.8

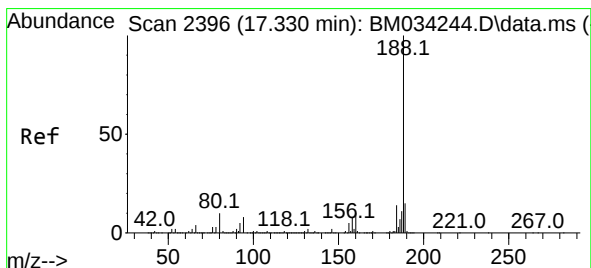
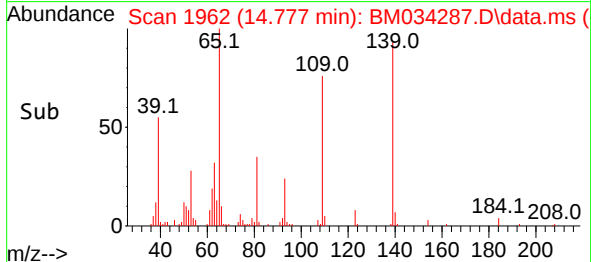
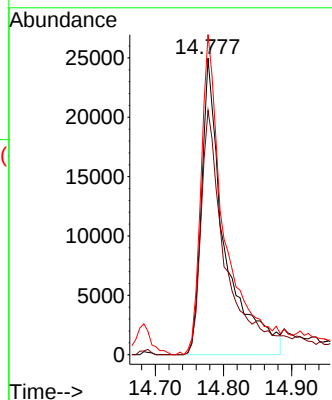
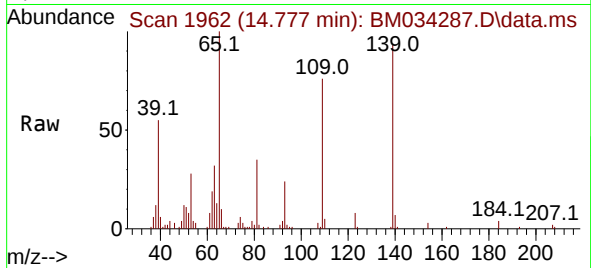




#56
4-Nitrophenol
Concen: 12.473 ng
RT: 14.777 min Scan# 1962
Delta R.T. -0.012 min
Lab File: BM034287.D
Acq: 21 Mar 2022 13:37

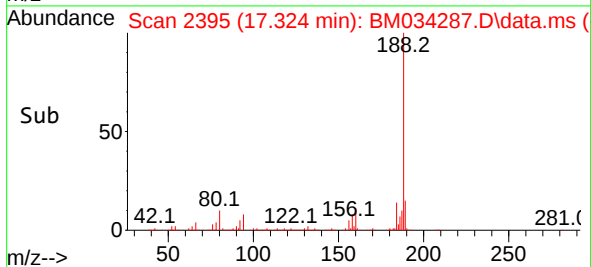
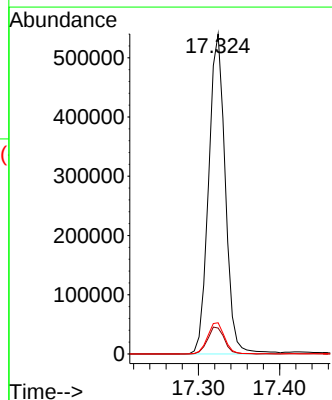
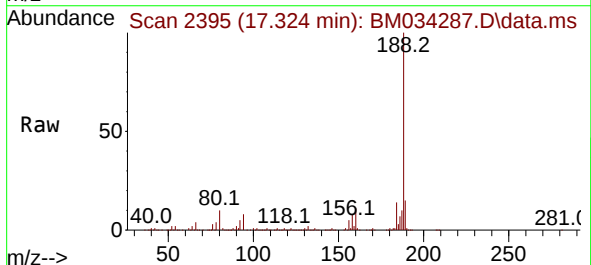
Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WPDL

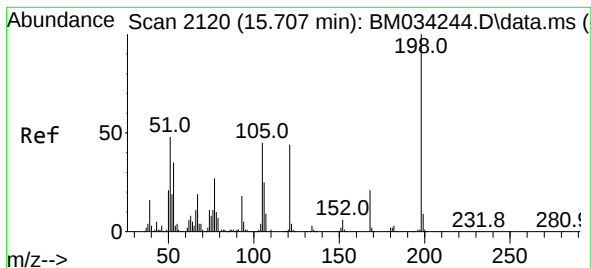
Tgt Ion:139 Resp: 58543
Ion Ratio Lower Upper
139 100
109 82.4 66.3 106.3
65 107.9 85.5 125.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.324 min Scan# 2395
Delta R.T. -0.006 min
Lab File: BM034287.D
Acq: 21 Mar 2022 13:37

Tgt Ion:188 Resp: 769454
Ion Ratio Lower Upper
188 100
94 8.1 6.6 9.8
80 9.7 7.8 11.8

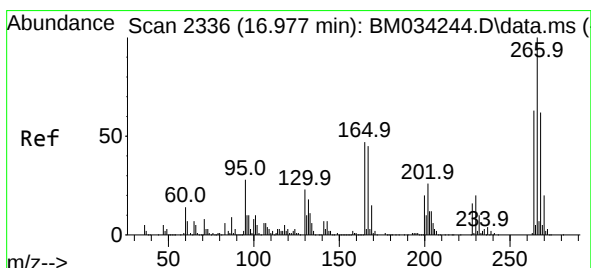
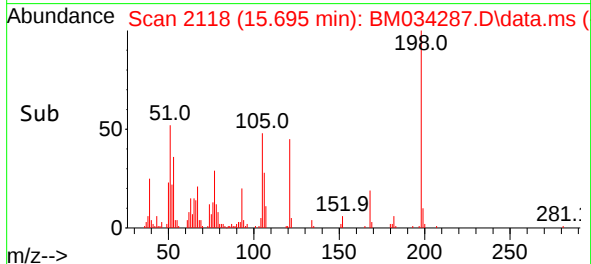
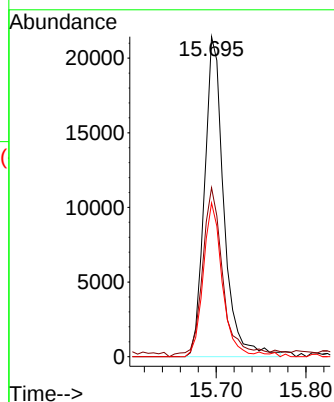
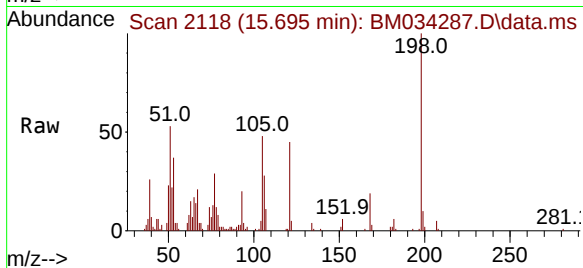




#65
 4,6-Dinitro-2-methylphenol
 Concen: 6.424 ng
 RT: 15.695 min Scan# 2118
 Delta R.T. -0.012 min
 Lab File: BM034287.D
 Acq: 21 Mar 2022 13:37

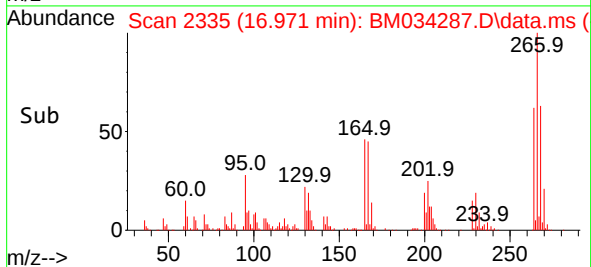
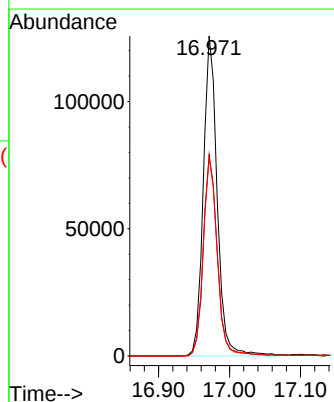
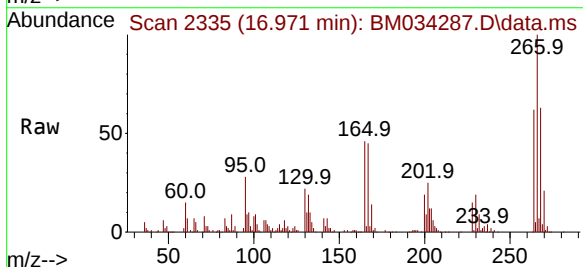
Instrument :
 BNA_M
 ClientSampleId :
 PT-ACIDS-WPDL

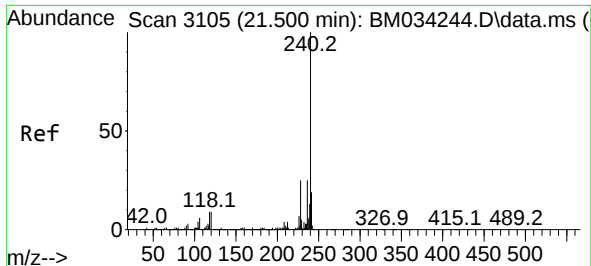
Tgt Ion:198 Resp: 32142
 Ion Ratio Lower Upper
 198 100
 51 52.8 29.0 69.0
 105 48.1 25.3 65.3



#70
 Pentachlorophenol
 Concen: 27.216 ng
 RT: 16.971 min Scan# 2335
 Delta R.T. -0.006 min
 Lab File: BM034287.D
 Acq: 21 Mar 2022 13:37

Tgt Ion:266 Resp: 171714
 Ion Ratio Lower Upper
 266 100
 268 62.9 49.8 74.8
 264 62.0 50.3 75.5

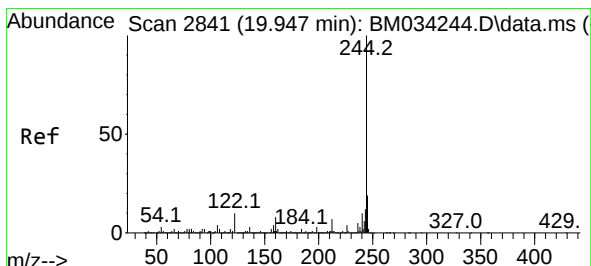
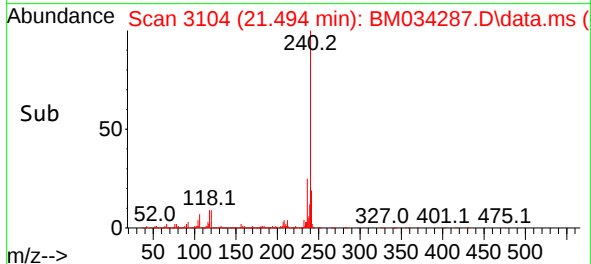
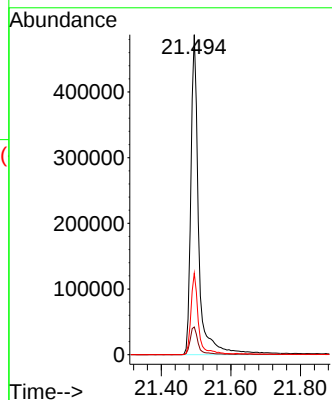
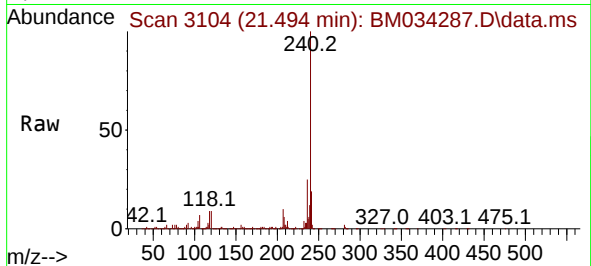




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.494 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BM034287.D
Acq: 21 Mar 2022 13:37

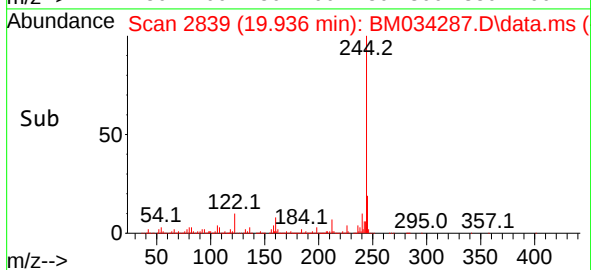
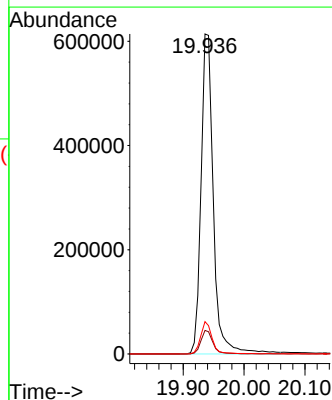
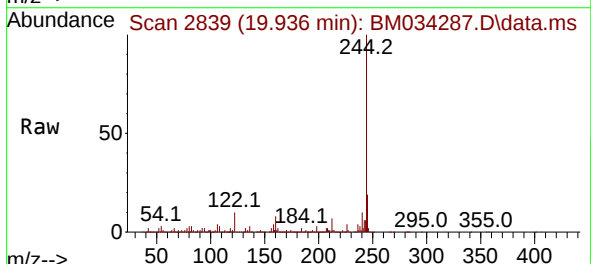
Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WPDL

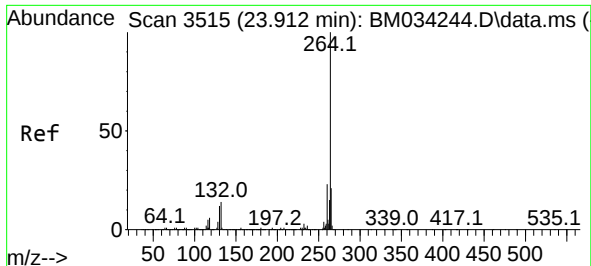
Tgt Ion:240 Resp: 765266
Ion Ratio Lower Upper
240 100
120 8.7 7.3 10.9
236 25.5 20.2 30.2



#79
Terphenyl-d14
Concen: 19.660 ng
RT: 19.936 min Scan# 2839
Delta R.T. -0.012 min
Lab File: BM034287.D
Acq: 21 Mar 2022 13:37

Tgt Ion:244 Resp: 865859
Ion Ratio Lower Upper
244 100
212 7.4 5.9 8.9
122 10.1 7.8 11.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.906 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BM034287.D
 Acq: 21 Mar 2022 13:37

Instrument :
 BNA_M
 ClientSampleId :
 PT-ACIDS-WPDL

Tgt Ion:264 Resp: 748916
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.6 28.0
 265 21.8 17.6 26.4

