

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033023\
 Data File : BM039224.D
 Acq On : 30 Mar 2023 13:20
 Operator : CG/JU
 Sample : 01950-06DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PT-ACIDS-WPDL

Quant Time: Mar 30 13:52:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 30 05:15:45 2023
 Response via : Initial Calibration

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

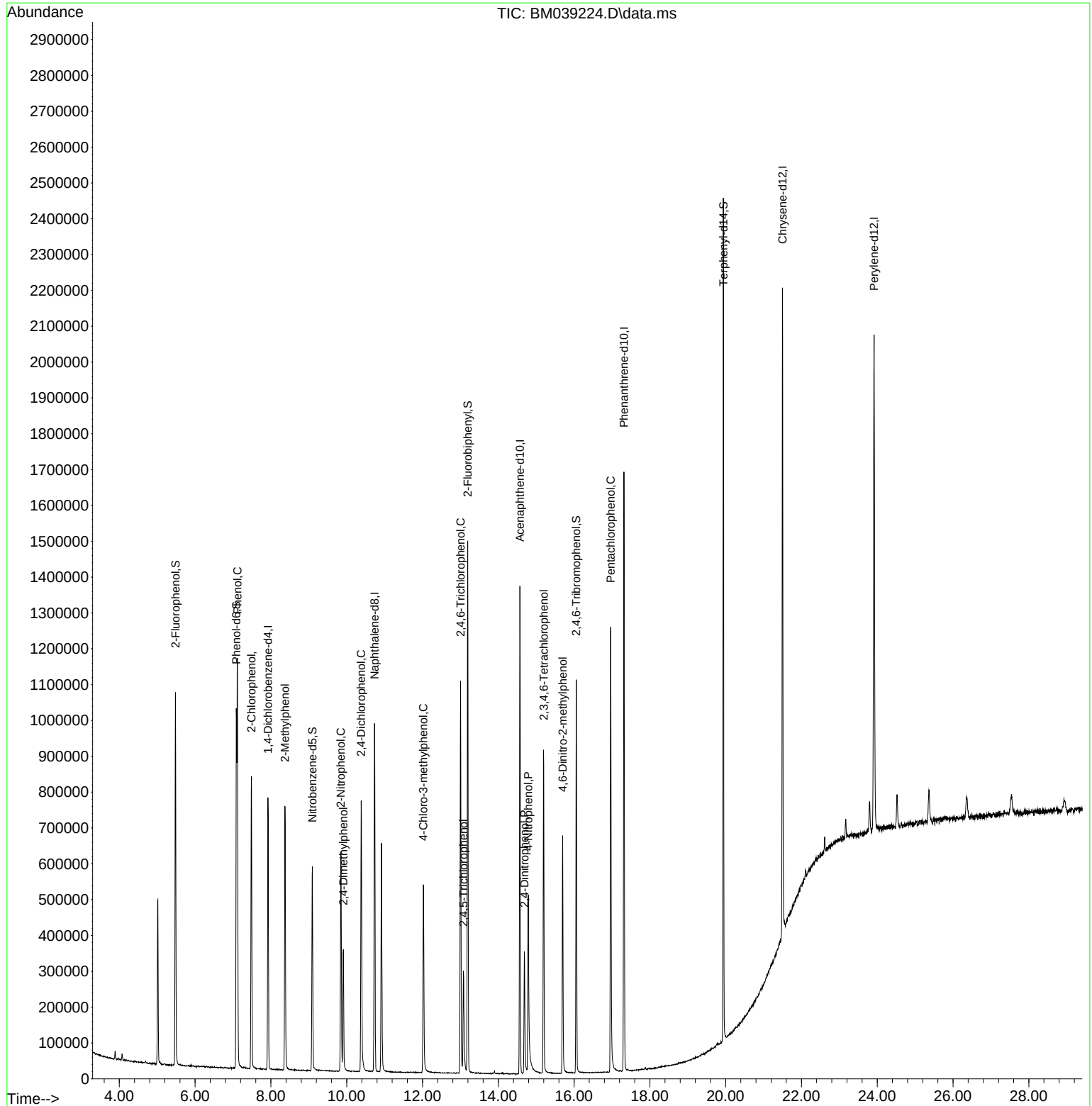
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	197777	20.000	ng	0.00
21) Naphthalene-d8	10.733	136	789499	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	447266	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	940129	20.000	ng	0.00
76) Chrysene-d12	21.498	240	851005	20.000	ng	0.00
86) Perylene-d12	23.915	264	1025680	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	452280	34.453	ng	0.00
7) Phenol-d6	7.087	99	567335	33.414	ng	-0.01
23) Nitrobenzene-d5	9.092	82	335430	20.649	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	174802	30.788	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	719736	21.803	ng	0.00
79) Terphenyl-d14	19.939	244	1071524	23.263	ng	0.00
Target Compounds						Qvalue
8) 2-Chlorophenol	7.487	128	361137	26.878	ng	99
10) Phenol	7.116	94	634422	37.285	ng	99
17) 2-Methylphenol	8.369	107	222076	18.654	ng	98
26) 2-Nitrophenol	9.845	139	195353	26.156	ng	99
27) 2,4-Dimethylphenol	9.910	122	104250	8.401	ng	99
29) 2,4-Dichlorophenol	10.381	162	283469	23.412	ng	98
36) 4-Chloro-3-methylphenol	12.022	107	201058	15.051	ng	99
43) 2,4,6-Trichlorophenol	13.004	196	239391	25.777	ng	99
44) 2,4,5-Trichlorophenol	13.080	196	92988	8.541	ng	97
54) 2,4-Dinitrophenol	14.686	184	71764	16.348	ng	94
56) 4-Nitrophenol	14.792	139	176536	26.716	ng	93
59) 2,3,4,6-Tetrachlorophenol	15.198	232	169013	19.514	ng	98
65) 4,6-Dinitro-2-methylph...	15.698	198	127020	20.537	ng	98
70) Pentachlorophenol	16.968	266	224539	28.749	ng	99

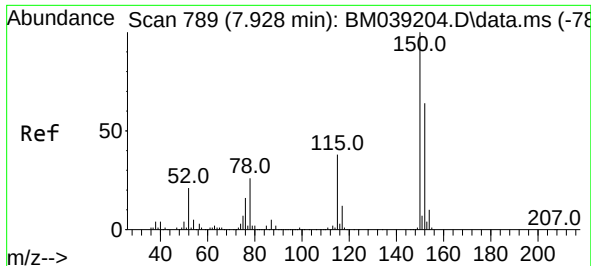
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033023\
Data File : BM039224.D
Acq On : 30 Mar 2023 13:20
Operator : CG/JU
Sample : 01950-06DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WPDL

Quant Time: Mar 30 13:52:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 30 05:15:45 2023
Response via : Initial Calibration

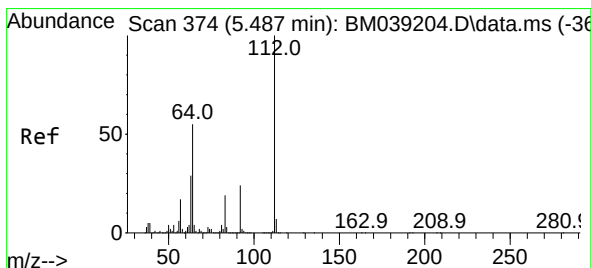
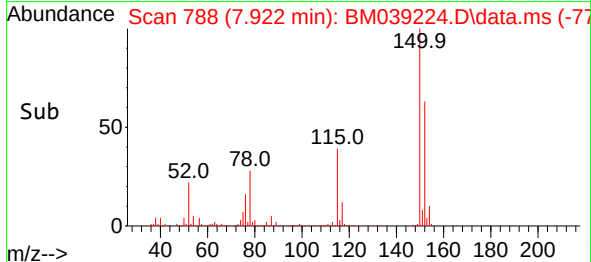
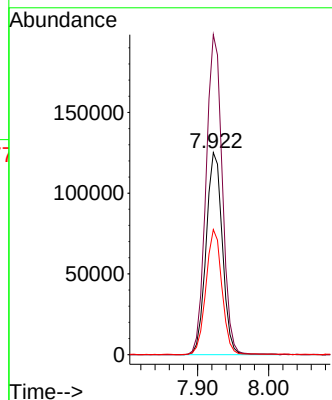
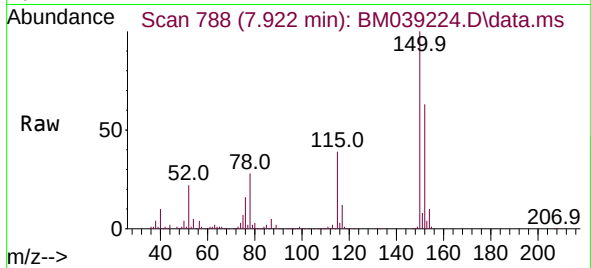




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 789
Delta R.T. -0.006 min
Lab File: BM039224.D
Acq: 30 Mar 2023 13:20

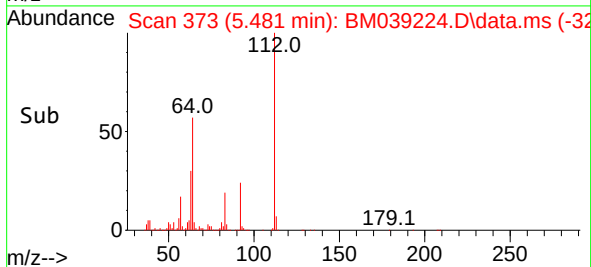
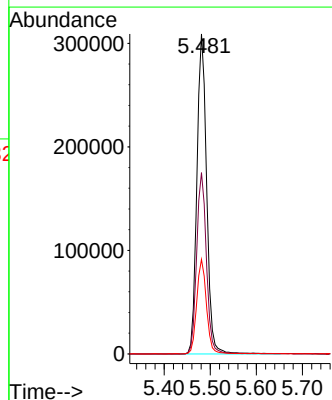
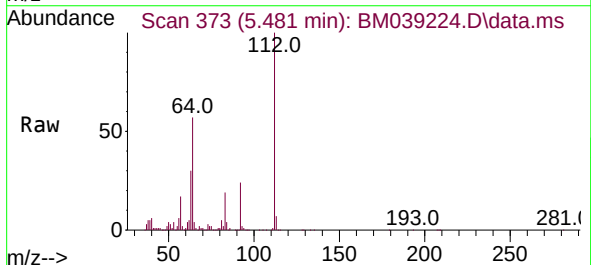
Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WPDL

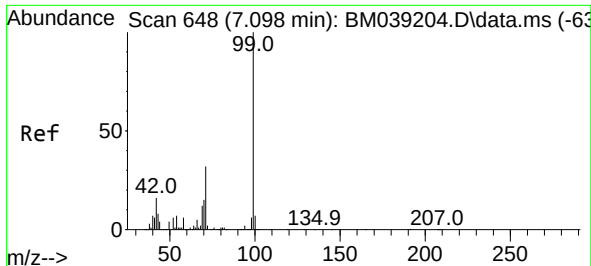
Tgt Ion:152 Resp: 197777
Ion Ratio Lower Upper
152 100
150 158.4 125.5 188.3
115 61.9 48.1 72.1



#5
2-Fluorophenol
Concen: 34.453 ng
RT: 5.481 min Scan# 373
Delta R.T. -0.006 min
Lab File: BM039224.D
Acq: 30 Mar 2023 13:20

Tgt Ion:112 Resp: 452280
Ion Ratio Lower Upper
112 100
64 56.6 44.3 66.5
63 29.5 23.0 34.6

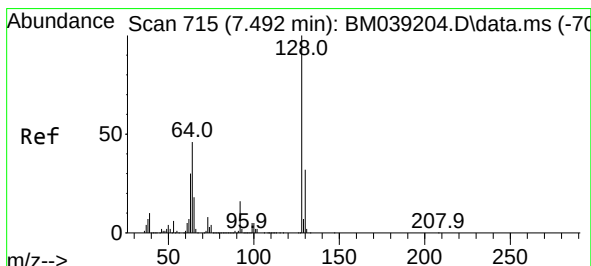
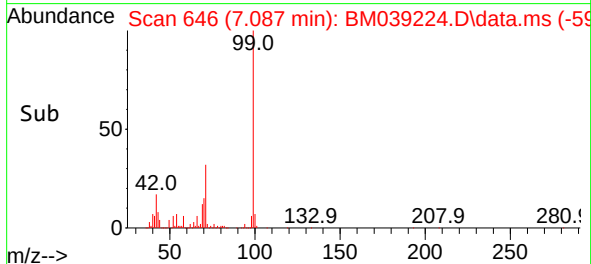
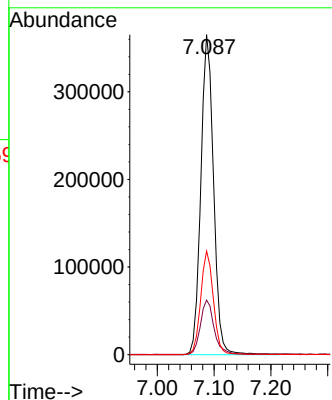
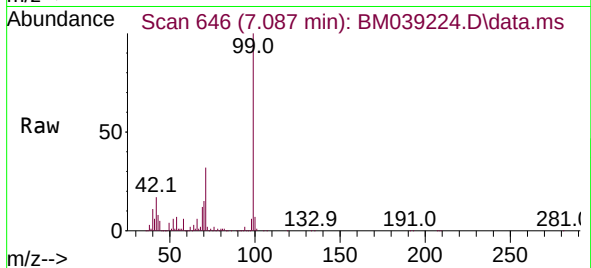




#7
Phenol-d6
Concen: 33.414 ng
RT: 7.087 min Scan# 647
Delta R.T. -0.012 min
Lab File: BM039224.D
Acq: 30 Mar 2023 13:20

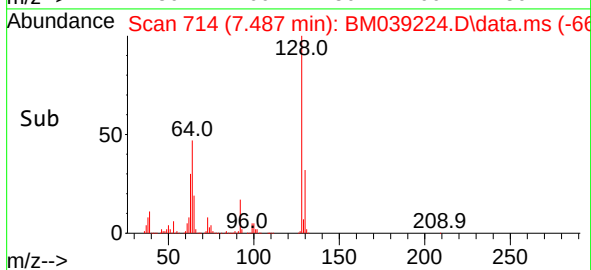
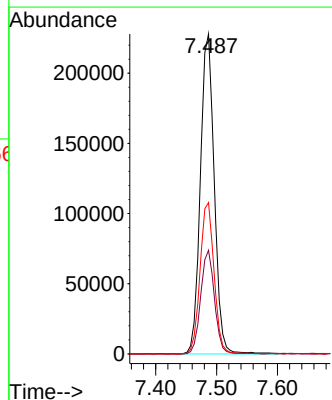
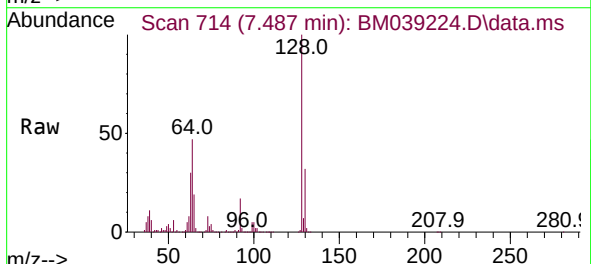
Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WPDL

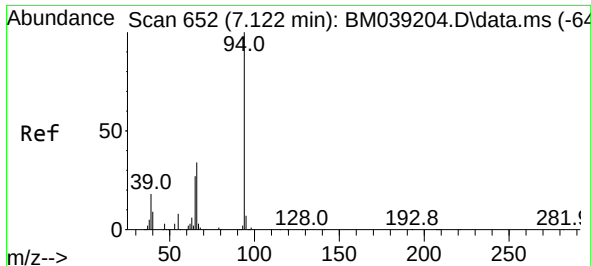
Tgt Ion: 99 Resp: 567335
Ion Ratio Lower Upper
99 100
42 17.0 13.0 19.6
71 32.4 25.5 38.3



#8
2-Chlorophenol
Concen: 26.878 ng
RT: 7.487 min Scan# 714
Delta R.T. -0.006 min
Lab File: BM039224.D
Acq: 30 Mar 2023 13:20

Tgt Ion: 128 Resp: 361137
Ion Ratio Lower Upper
128 100
130 32.4 12.2 52.2
64 47.3 25.9 65.9

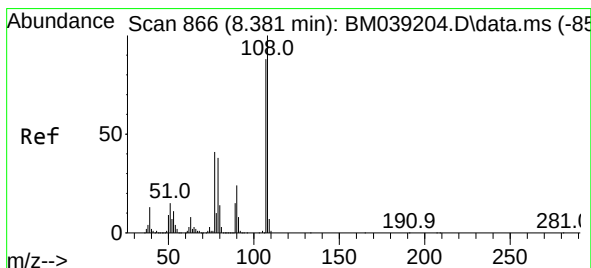
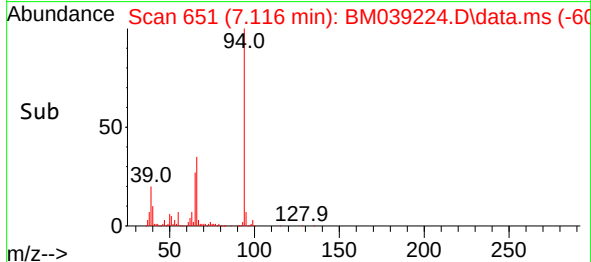
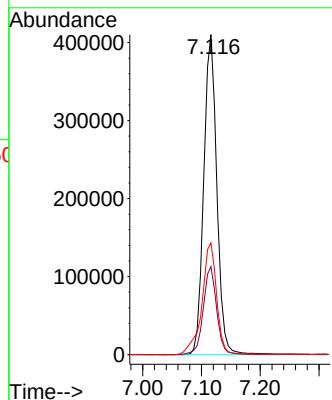
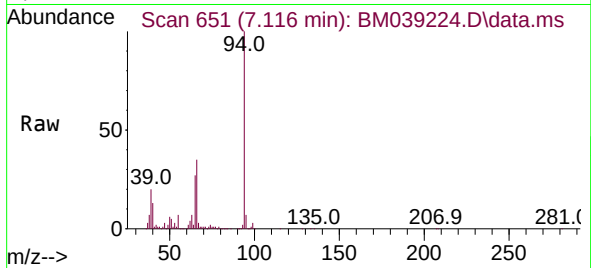




#10
Phenol
Concen: 37.285 ng
RT: 7.116 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM039224.D
Acq: 30 Mar 2023 13:20

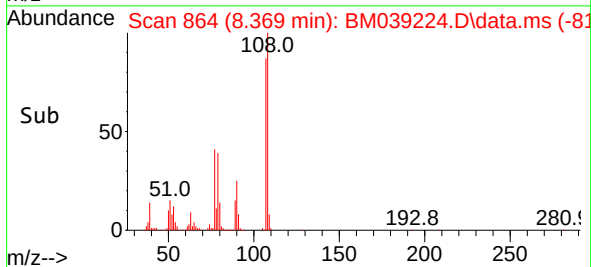
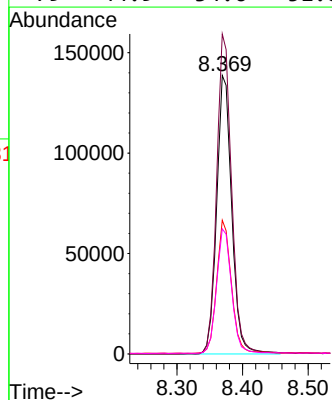
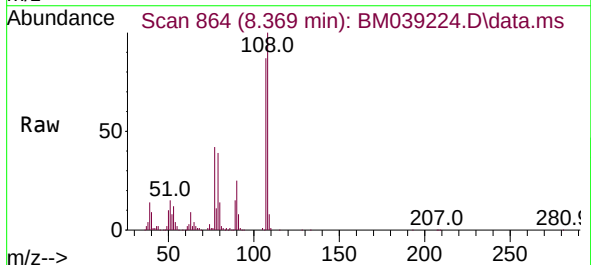
Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WPDL

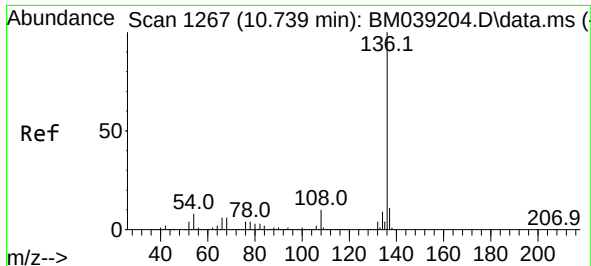
Tgt Ion: 94 Resp: 634422
Ion Ratio Lower Upper
94 100
65 27.5 7.2 47.2
66 34.9 15.2 55.2



#17
2-Methylphenol
Concen: 18.654 ng
RT: 8.369 min Scan# 864
Delta R.T. -0.012 min
Lab File: BM039224.D
Acq: 30 Mar 2023 13:20

Tgt Ion: 107 Resp: 222076
Ion Ratio Lower Upper
107 100
108 114.9 90.6 136.0
77 48.0 37.0 55.4
79 44.9 34.6 51.8

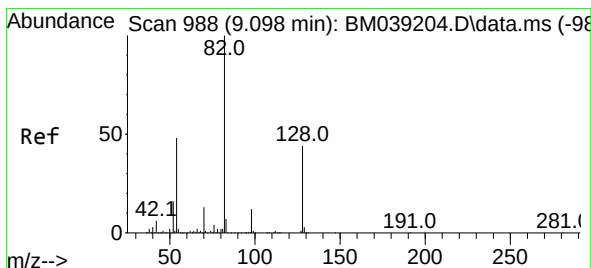
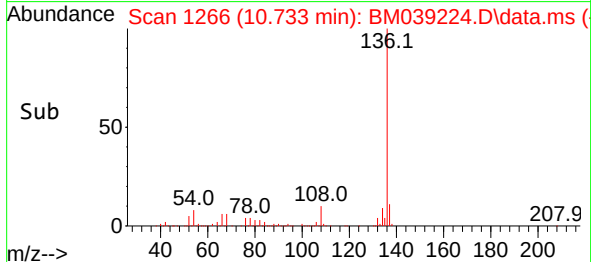
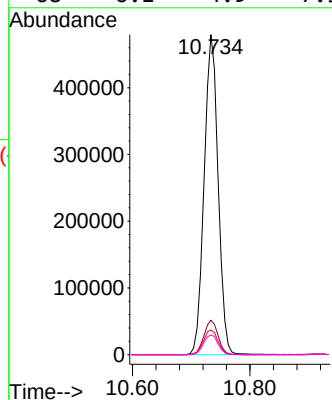
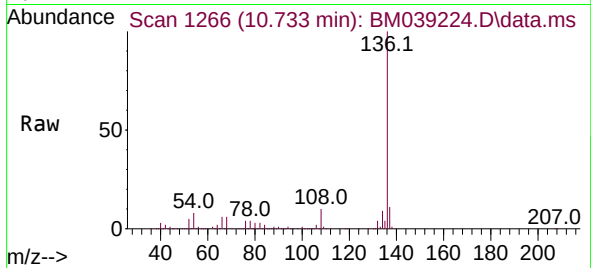




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.733 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BM039224.D
Acq: 30 Mar 2023 13:20

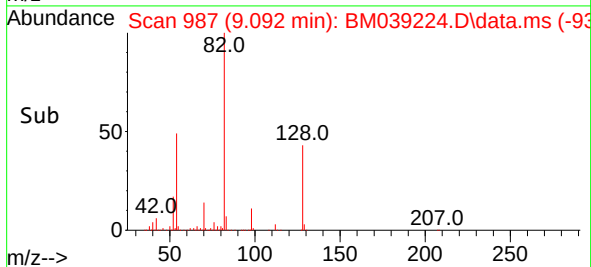
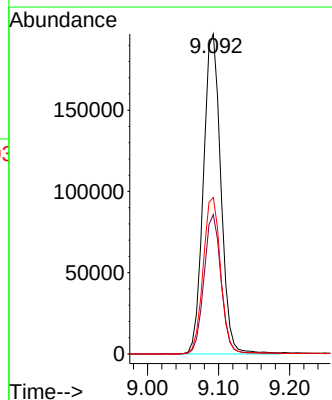
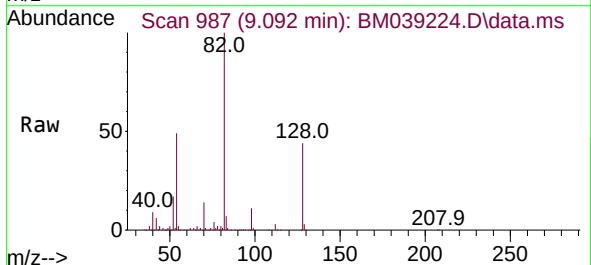
Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WPDL

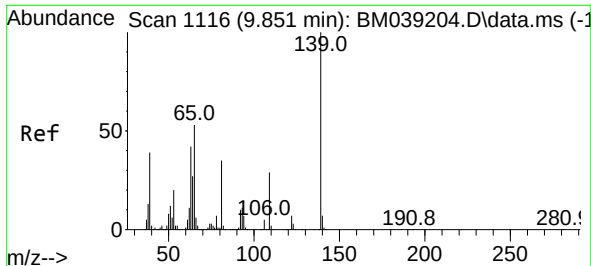
Tgt Ion:	136	Resp:	789499
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.7	6.2	9.4
68	6.1	4.9	7.3



#23
Nitrobenzene-d5
Concen: 20.649 ng
RT: 9.092 min Scan# 987
Delta R.T. -0.006 min
Lab File: BM039224.D
Acq: 30 Mar 2023 13:20

Tgt Ion:	82	Resp:	335430
Ion	Ratio	Lower	Upper
82	100		
128	43.5	35.1	52.7
54	48.9	38.5	57.7

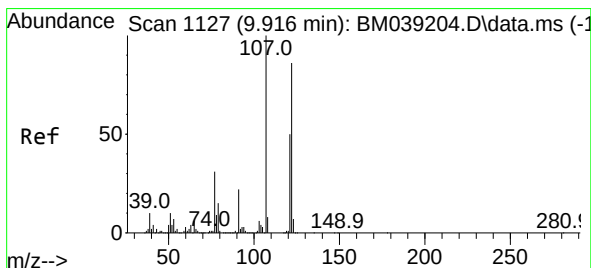
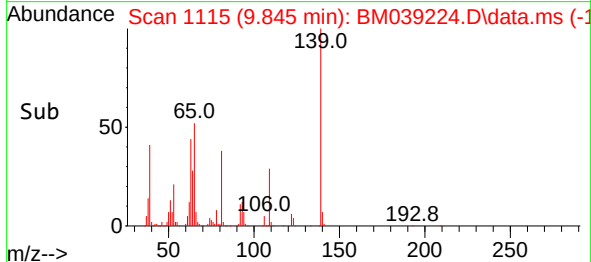
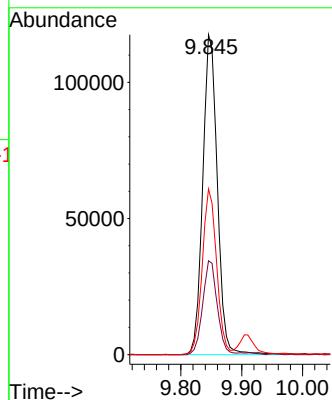
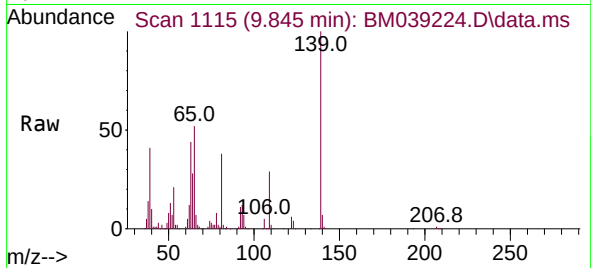




#26
2-Nitrophenol
Concen: 26.156 ng
RT: 9.845 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BM039224.D
Acq: 30 Mar 2023 13:20

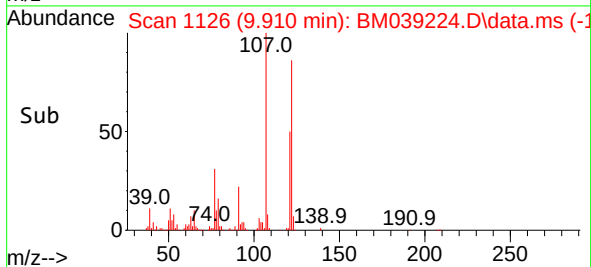
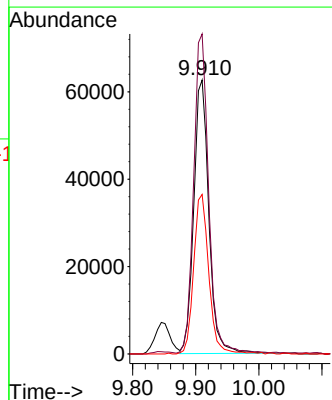
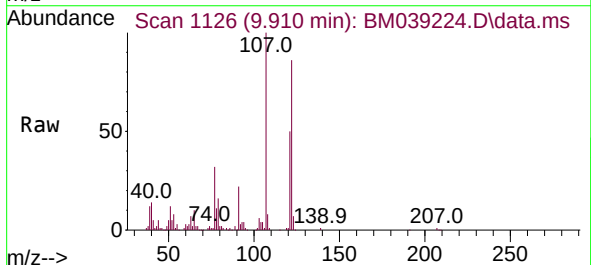
Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WPDL

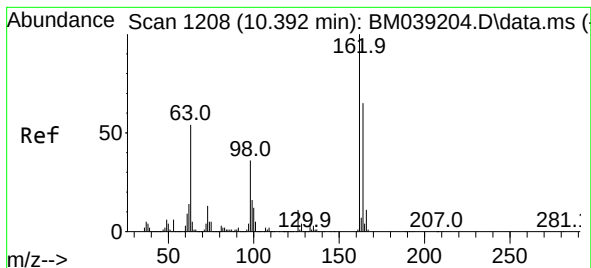
Tgt Ion:139 Resp: 195353
Ion Ratio Lower Upper
139 100
109 29.3 23.4 35.0
65 51.8 42.2 63.2



#27
2,4-Dimethylphenol
Concen: 8.401 ng
RT: 9.910 min Scan# 1126
Delta R.T. -0.006 min
Lab File: BM039224.D
Acq: 30 Mar 2023 13:20

Tgt Ion:122 Resp: 104250
Ion Ratio Lower Upper
122 100
107 116.8 92.3 138.5
121 58.2 46.3 69.5

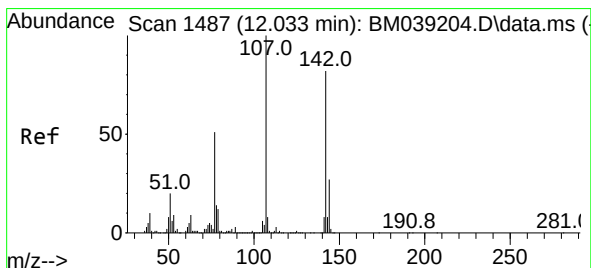
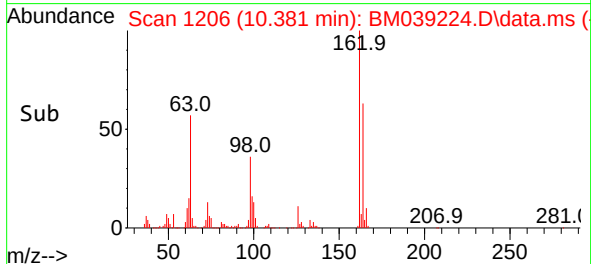
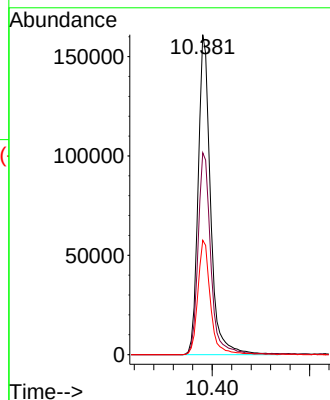
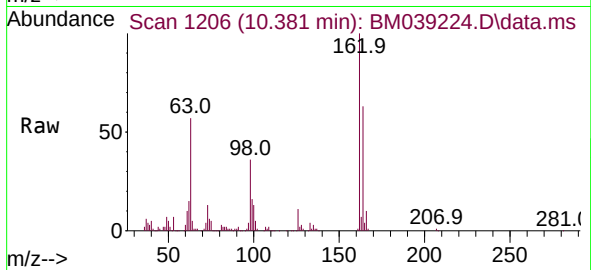




#29
2,4-Dichlorophenol
Concen: 23.412 ng
RT: 10.381 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM039224.D
Acq: 30 Mar 2023 13:20

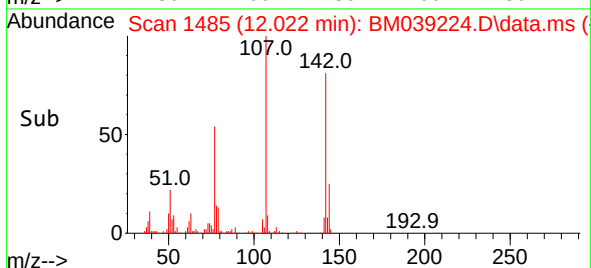
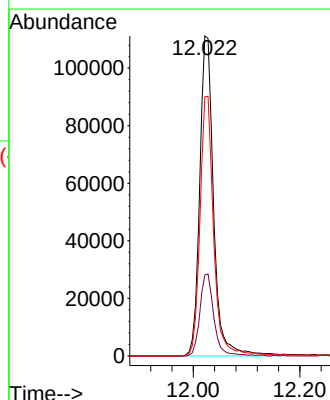
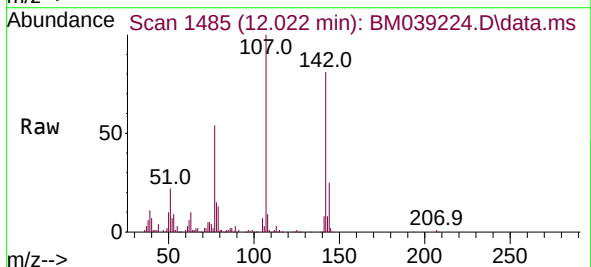
Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WPDL

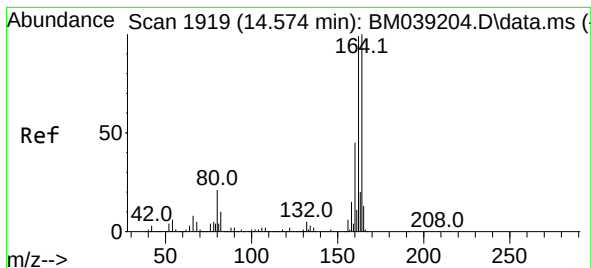
Tgt Ion:162 Resp: 283469
Ion Ratio Lower Upper
162 100
164 63.1 44.8 84.8
98 35.7 16.0 56.0



#36
4-Chloro-3-methylphenol
Concen: 15.051 ng
RT: 12.022 min Scan# 1485
Delta R.T. -0.012 min
Lab File: BM039224.D
Acq: 30 Mar 2023 13:20

Tgt Ion:107 Resp: 201058
Ion Ratio Lower Upper
107 100
144 25.3 21.4 32.2
142 80.9 65.2 97.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.569 min Scan# 1919

Delta R.T. -0.005 min

Lab File: BM039224.D

Acq: 30 Mar 2023 13:20

Instrument :

BNA_M

ClientSampleId :

PT-ACIDS-WPDL

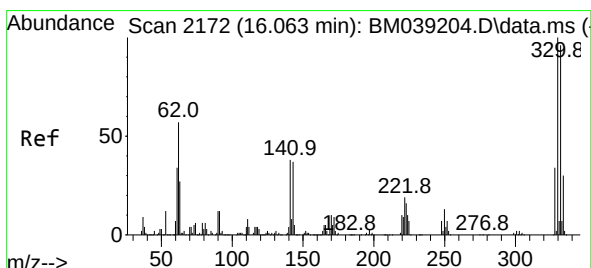
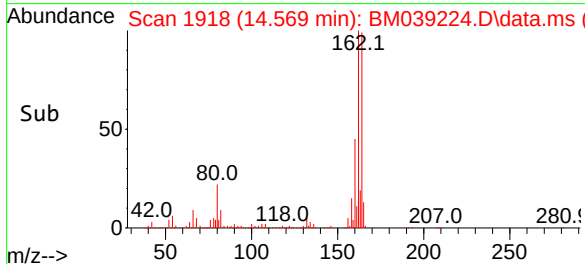
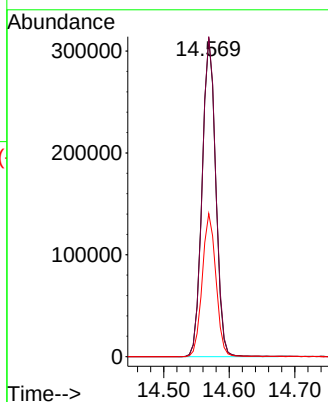
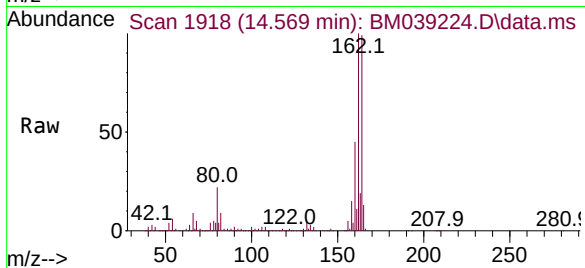
Tgt Ion:164 Resp: 447266

Ion Ratio Lower Upper

164 100

162 100.6 79.1 118.7

160 44.9 35.8 53.8



#42

2,4,6-Tribromophenol

Concen: 30.788 ng

RT: 16.057 min Scan# 2171

Delta R.T. -0.006 min

Lab File: BM039224.D

Acq: 30 Mar 2023 13:20

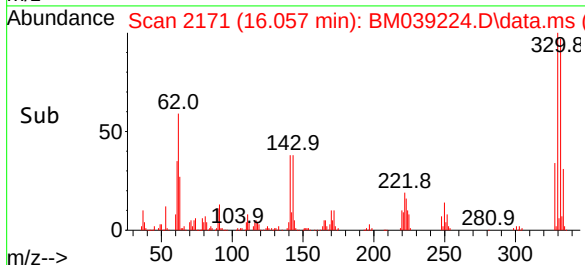
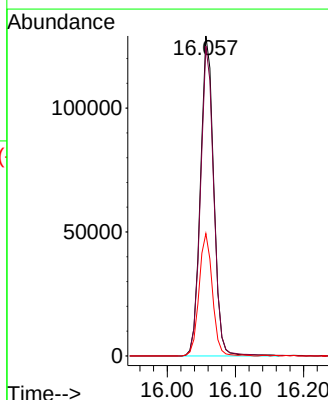
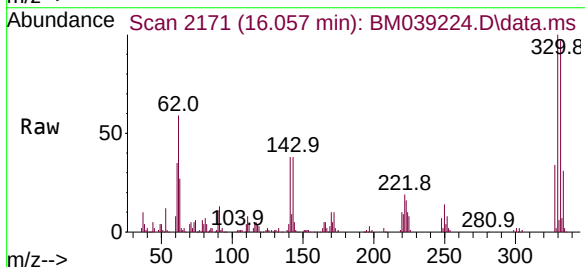
Tgt Ion:330 Resp: 174802

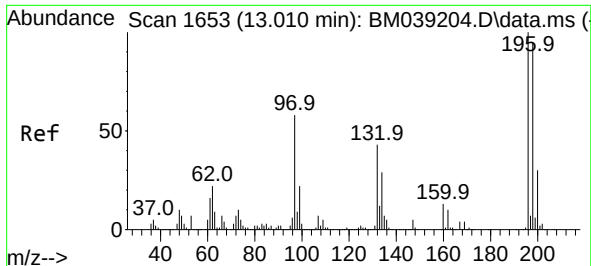
Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.0

141 38.3 29.8 44.6

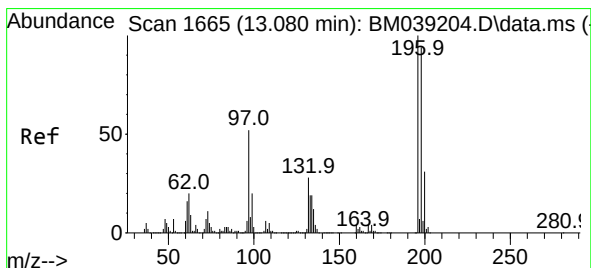
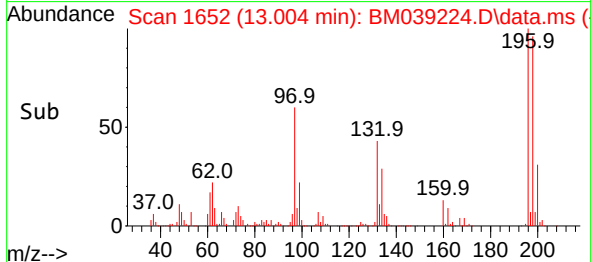
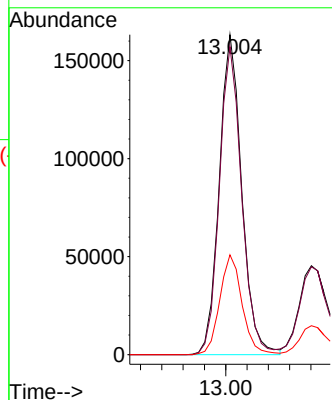
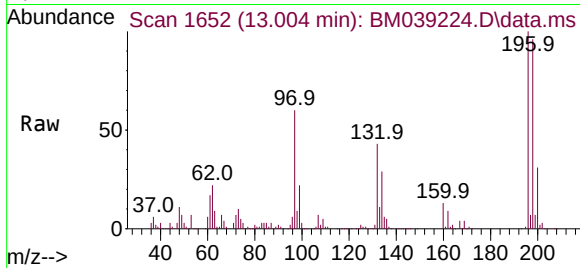




#43
2,4,6-Trichlorophenol
Concen: 25.777 ng
RT: 13.004 min Scan# 1652
Delta R.T. -0.006 min
Lab File: BM039224.D
Acq: 30 Mar 2023 13:20

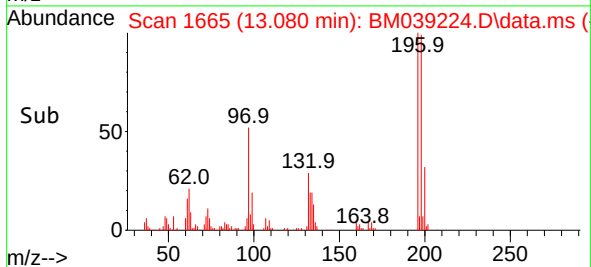
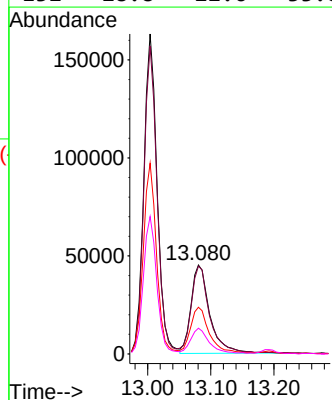
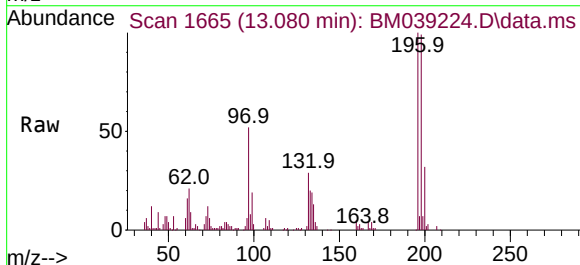
Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WPDL

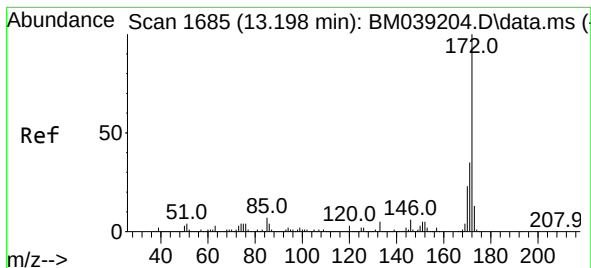
Tgt Ion:196 Resp: 239391
Ion Ratio Lower Upper
196 100
198 96.2 76.2 114.2
200 31.2 24.2 36.2



#44
2,4,5-Trichlorophenol
Concen: 8.541 ng
RT: 13.080 min Scan# 1665
Delta R.T. 0.000 min
Lab File: BM039224.D
Acq: 30 Mar 2023 13:20

Tgt Ion:196 Resp: 92988
Ion Ratio Lower Upper
196 100
198 98.7 75.2 112.8
97 52.5 41.4 62.0
132 28.8 22.6 33.8

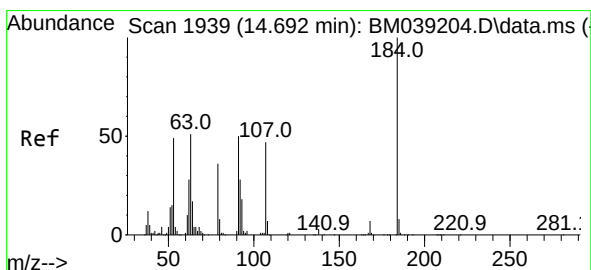
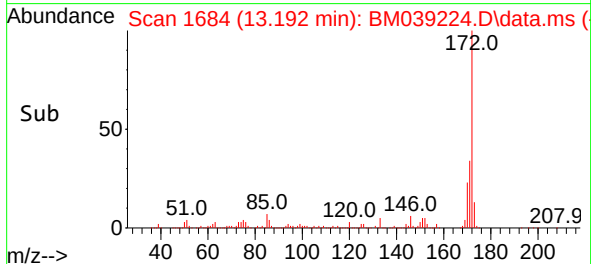
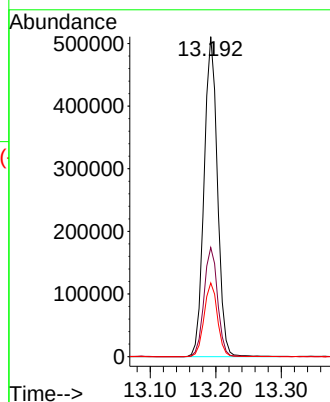
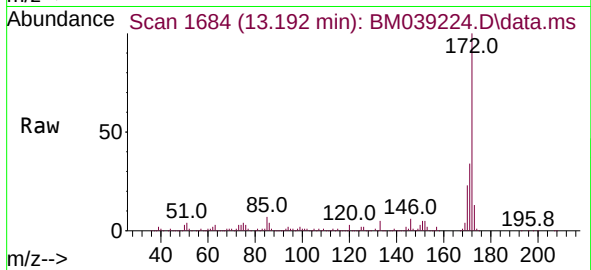




#45
2-Fluorobiphenyl
Concen: 21.803 ng
RT: 13.192 min Scan# 1684
Delta R.T. -0.006 min
Lab File: BM039224.D
Acq: 30 Mar 2023 13:20

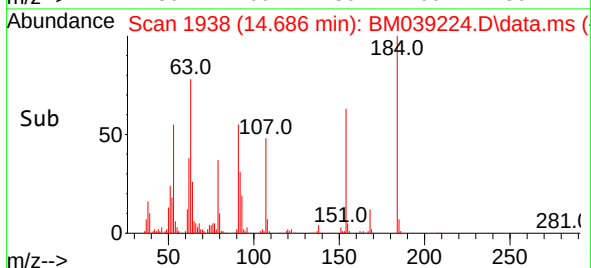
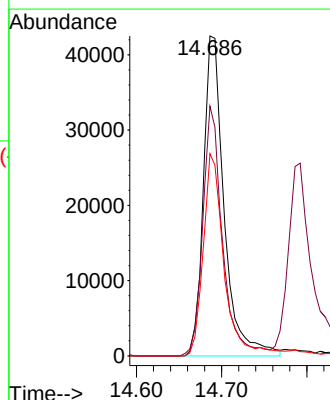
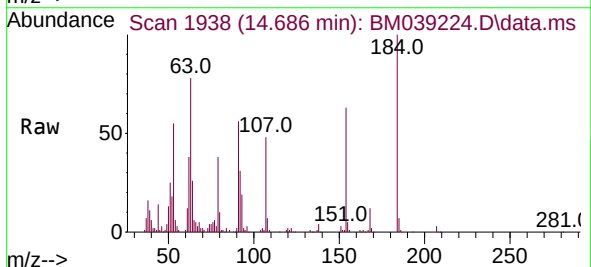
Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WPDL

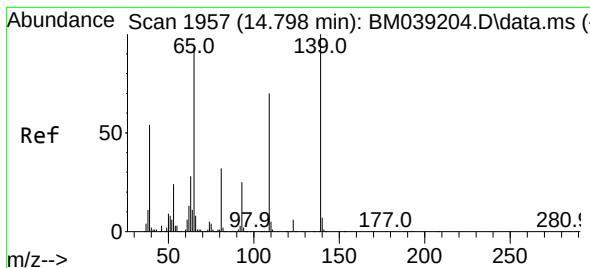
Tgt Ion:172 Resp: 719736
Ion Ratio Lower Upper
172 100
171 34.1 28.0 42.0
170 23.1 18.7 28.1



#54
2,4-Dinitrophenol
Concen: 16.348 ng
RT: 14.686 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BM039224.D
Acq: 30 Mar 2023 13:20

Tgt Ion:184 Resp: 71764
Ion Ratio Lower Upper
184 100
63 78.0 56.4 84.6
154 63.2 48.7 73.1

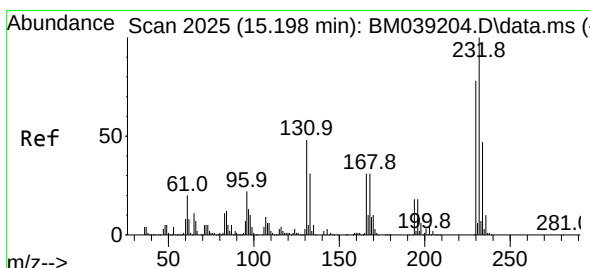
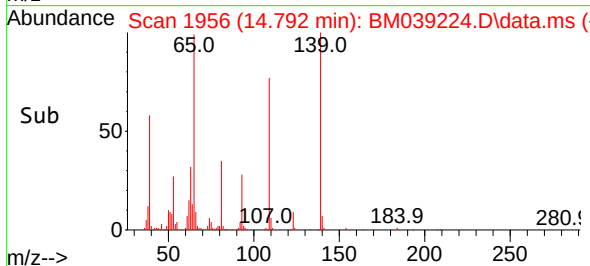
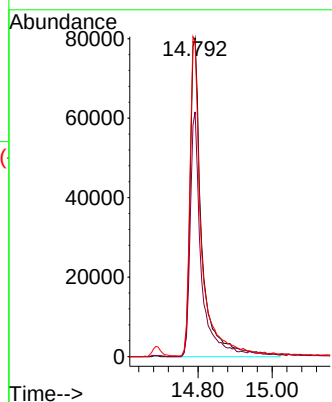
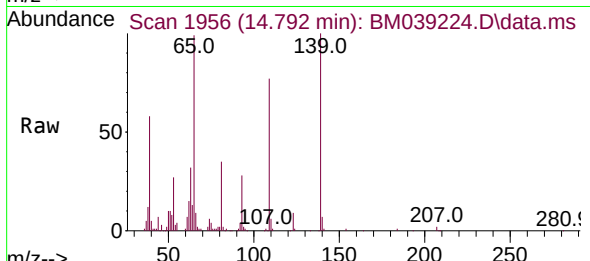




#56
4-Nitrophenol
Concen: 26.716 ng
RT: 14.792 min Scan# 1956
Delta R.T. -0.006 min
Lab File: BM039224.D
Acq: 30 Mar 2023 13:20

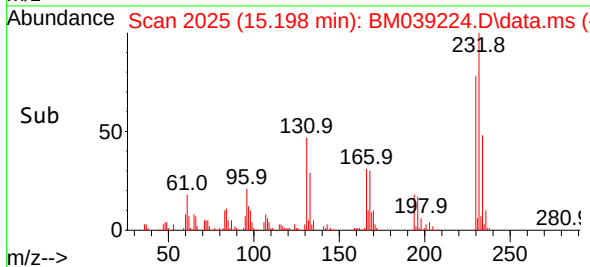
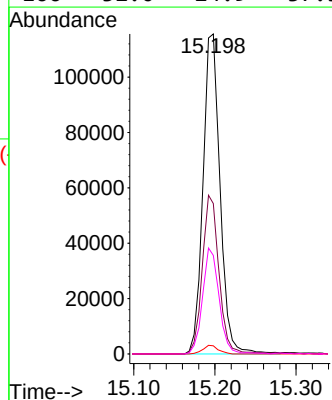
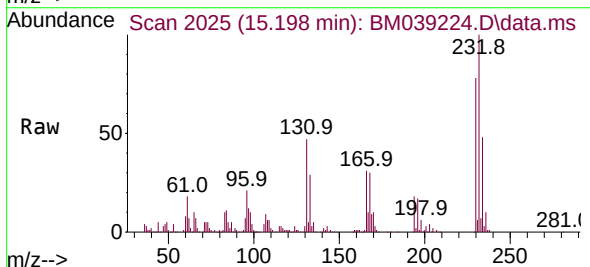
Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WPDL

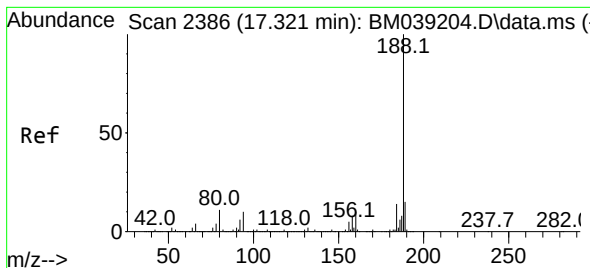
Tgt Ion:139 Resp: 176536
Ion Ratio Lower Upper
139 100
109 76.8 49.6 89.6
65 98.7 72.9 112.9



#59
2,3,4,6-Tetrachlorophenol
Concen: 19.514 ng
RT: 15.198 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BM039224.D
Acq: 30 Mar 2023 13:20

Tgt Ion:232 Resp: 169013
Ion Ratio Lower Upper
232 100
131 48.3 37.7 56.5
130 2.4 1.9 2.9
166 32.0 24.9 37.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.315 min Scan# 2385

Delta R.T. -0.006 min

Lab File: BM039224.D

Acq: 30 Mar 2023 13:20

Instrument :

BNA_M

ClientSampleId :

PT-ACIDS-WPDL

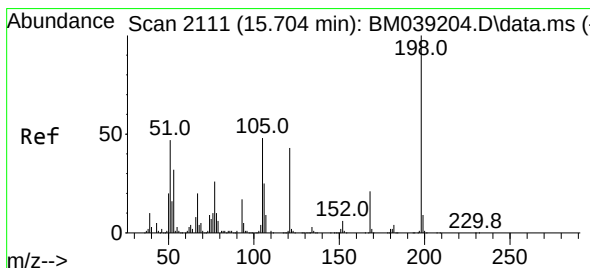
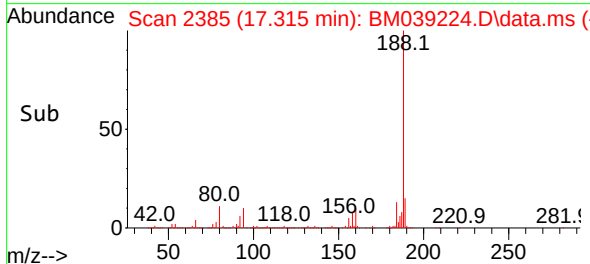
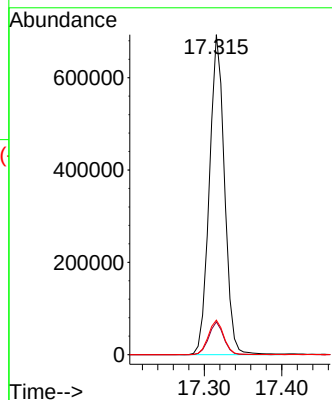
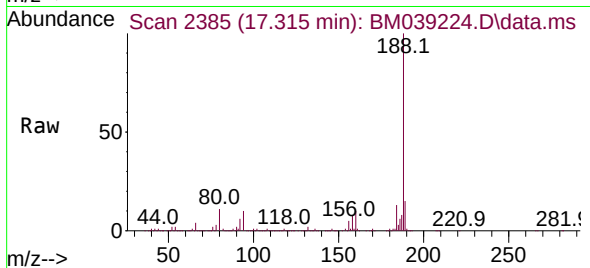
Tgt Ion:188 Resp: 940129

Ion Ratio Lower Upper

188 100

94 10.2 8.2 12.4

80 10.8 8.9 13.3



#65

4,6-Dinitro-2-methylphenol

Concen: 20.537 ng

RT: 15.698 min Scan# 2110

Delta R.T. -0.006 min

Lab File: BM039224.D

Acq: 30 Mar 2023 13:20

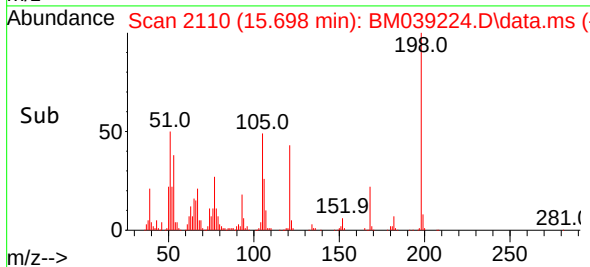
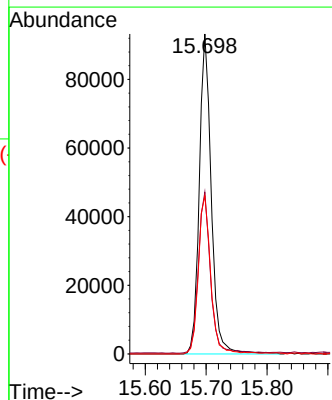
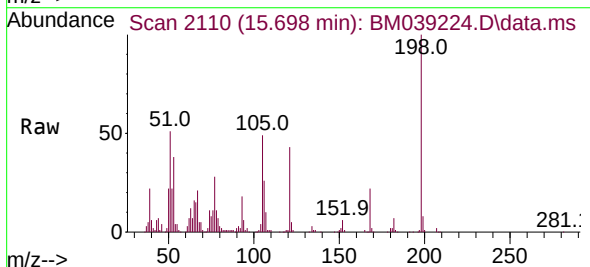
Tgt Ion:198 Resp: 127020

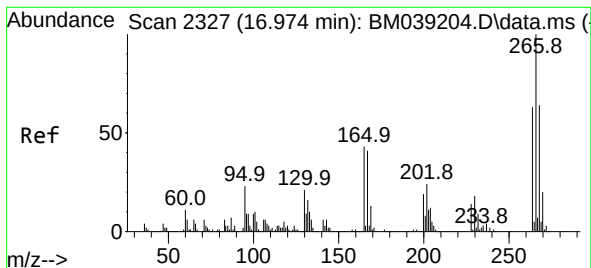
Ion Ratio Lower Upper

198 100

51 50.5 28.9 68.9

105 49.4 28.7 68.7





#70

Pentachlorophenol

Concen: 28.749 ng

RT: 16.968 min Scan# 2326

Delta R.T. -0.006 min

Lab File: BM039224.D

Acq: 30 Mar 2023 13:20

Instrument :

BNA_M

ClientSampleId :

PT-ACIDS-WPDL

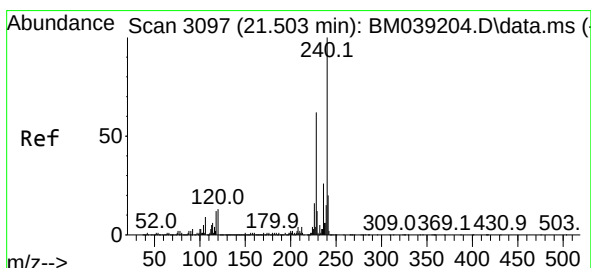
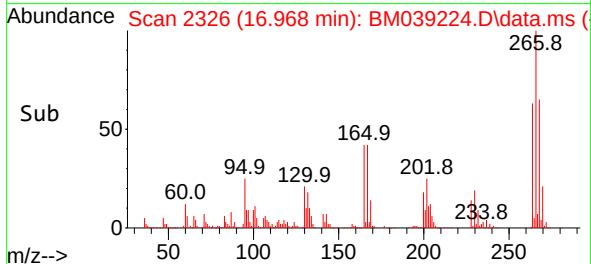
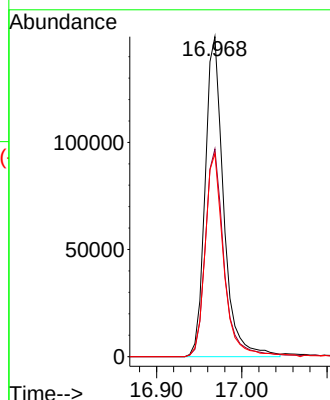
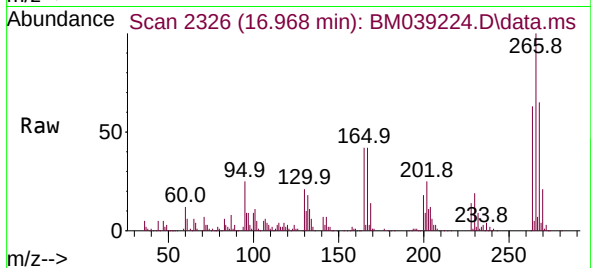
Tgt Ion:266 Resp: 224539

Ion Ratio Lower Upper

266 100

268 64.9 51.4 77.2

264 63.4 50.2 75.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.498 min Scan# 3096

Delta R.T. -0.006 min

Lab File: BM039224.D

Acq: 30 Mar 2023 13:20

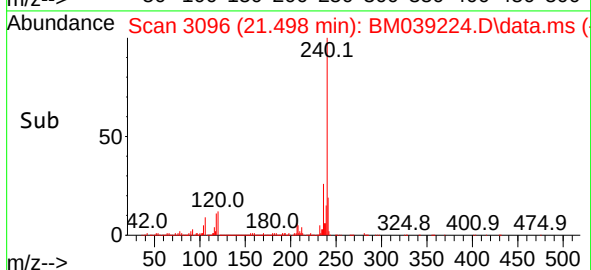
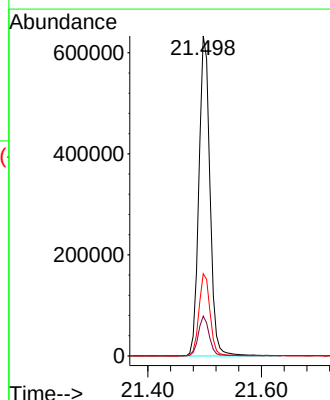
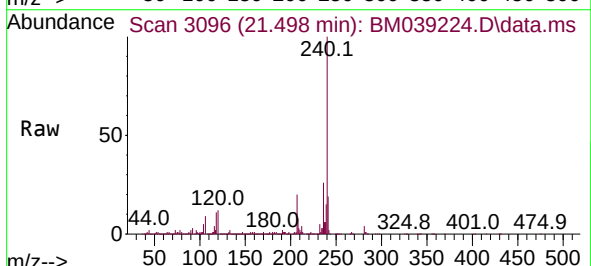
Tgt Ion:240 Resp: 851005

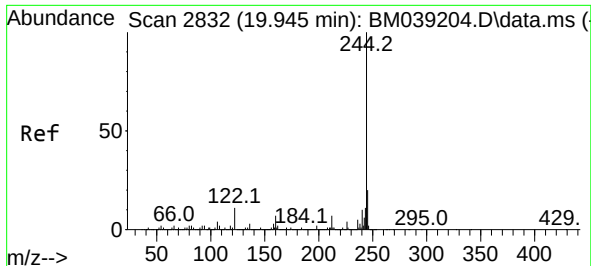
Ion Ratio Lower Upper

240 100

120 12.4 10.2 15.2

236 25.7 20.9 31.3

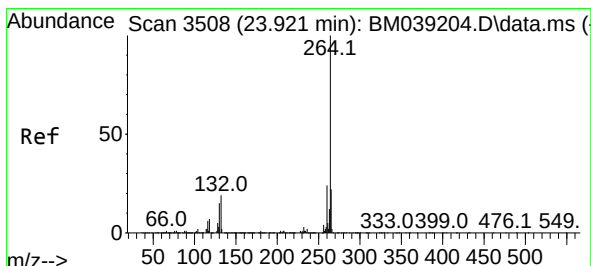
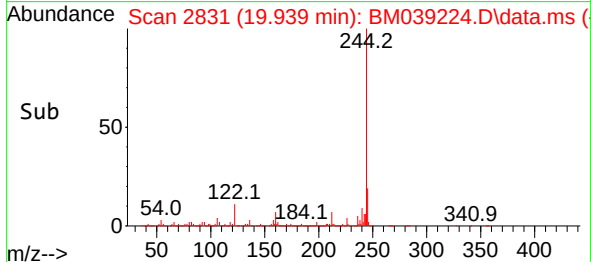
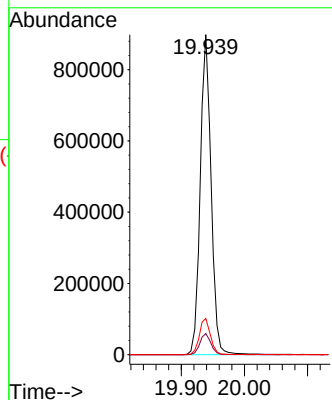
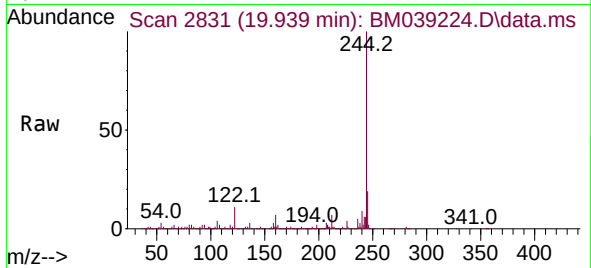




#79
 Terphenyl-d14
 Concen: 23.263 ng
 RT: 19.939 min Scan# 2831
 Delta R.T. -0.006 min
 Lab File: BM039224.D
 Acq: 30 Mar 2023 13:20

Instrument :
 BNA_M
 ClientSampleId :
 PT-ACIDS-WPDL

Tgt Ion:244 Resp: 1071524
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 11.3 9.1 13.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.915 min Scan# 3507
 Delta R.T. -0.006 min
 Lab File: BM039224.D
 Acq: 30 Mar 2023 13:20

Tgt Ion:264 Resp: 1025680
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.0 28.6
 265 21.5 18.1 27.1

