

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091624\
 Data File : BF139379.D
 Acq On : 16 Sep 2024 12:35
 Operator : RC/JU
 Sample : P3845-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PT-ACIDS-WP

Quant Time: Sep 16 12:57:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	51774	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	193300	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	107677	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	200595	20.000	ng	0.00
76) Chrysene-d12	14.027	240	138722	20.000	ng	0.00
86) Perylene-d12	15.498	264	119413	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	448416	141.291	ng	0.00
7) Phenol-d6	6.510	99	582835	139.913	ng	0.00
23) Nitrobenzene-d5	7.439	82	395713	96.239	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	169118	147.527	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	747786	97.401	ng	0.00
79) Terphenyl-d14	12.980	244	822499	97.320	ng	0.00
Target Compounds						
					Qvalue	
6) Aniline	6.528	93	12958	4.122	ng	# 1
8) 2-Chlorophenol	6.663	128	514603	157.519	ng	99
9) Benzaldehyde	6.528	77	6636	2.757	ng	# 5
10) Phenol	6.528	94	539339	127.122	ng	95
11) bis(2-Chloroethyl)ether	6.663	93	12663	3.927	ng	# 1
15) Benzyl Alcohol	7.122	79	167440	50.381	ng	# 1
17) 2-Methylphenol	7.128	107	296607	114.273	ng	98
19) n-Nitroso-di-n-propyla...	7.439	70	57051	23.111	ng	# 75
20) 3+4-Methylphenols	7.128	107	296607	83.759	ng	# 57
25) Isophorone	7.439	82	395574	60.831	ng	# 66
26) 2-Nitrophenol	7.775	139	191665	116.251	ng	100
27) 2,4-Dimethylphenol	7.810	122	155591	71.542	ng	97
29) 2,4-Dichlorophenol	8.010	162	155850	56.409	ng	98
32) Benzoic acid	7.810	122	155591	76.448	ng	# 10
33) 4-Chloroaniline	8.239	127	7287	2.360	ng	# 42
35) Caprolactam	8.704	113	15354	18.066	ng	# 6
36) 4-Chloro-3-methylphenol	8.704	107	489395	154.993	ng	99
37) 2-Methylnaphthalene	8.704	142	343231	53.585	ng	# 17
38) 1-Methylnaphthalene	8.704	142	334749	53.232	ng	# 15
43) 2,4,6-Trichlorophenol	9.151	196	345587	166.453	ng	98
44) 2,4,5-Trichlorophenol	9.180	196	129206	58.997	ng	97
47) 2-Chloronaphthalene	9.151	162	34751	5.611	ng	# 56
51) 2,6-Dinitrotoluene	9.910	165	13315	8.505	ng	# 15
52) Acenaphthene	9.969	154	116408	17.889	ng	# 5
53) 3-Nitroaniline	9.969	138	4793	3.063	ng	# 1
54) 2,4-Dinitrophenol	9.969	184	154711	177.339	ng	93
55) Dibenzofuran	10.233	168	67010	7.388	ng	# 39
56) 4-Nitrophenol	10.027	139	224704	173.559	ng	92
58) Fluorene	10.233	166	66226	8.949	ng	# 12
59) 2,3,4,6-Tetrachlorophenol	10.233	232	209244	115.499	ng	99
63) Azobenzene	10.504	77	43049	6.001	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.504	198	144332	136.328	ng	95
67) 4-Bromophenyl-phenylether	10.698	248	11353	5.711	ng	# 1
69) Atrazine	11.192	200	12199	8.737	ng	# 36
70) Pentachlorophenol	11.198	266	60650	43.325	ng	98
77) Benzidine	12.980	184	12737	6.409	ng	# 93

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

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

PT-ACIDS-WP

Response via : Initial Calibration

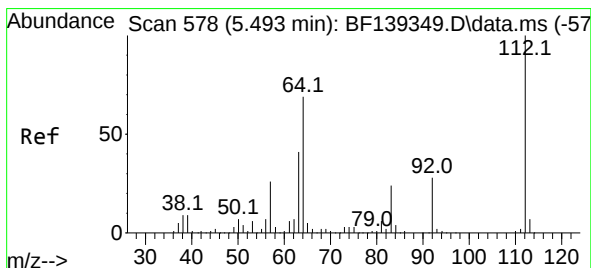
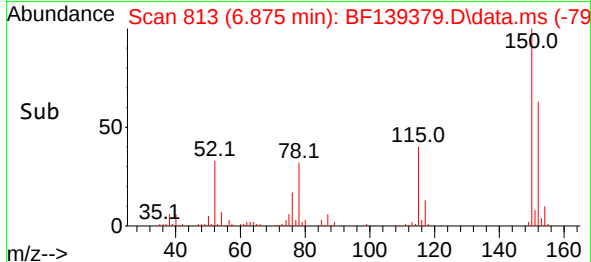
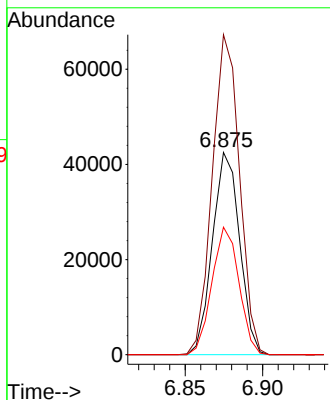
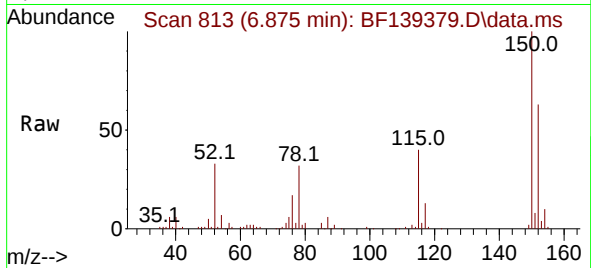




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139379.D
Acq: 16 Sep 2024 12:35

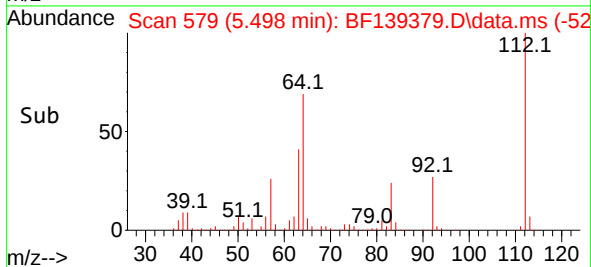
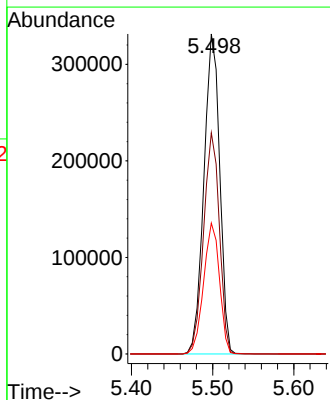
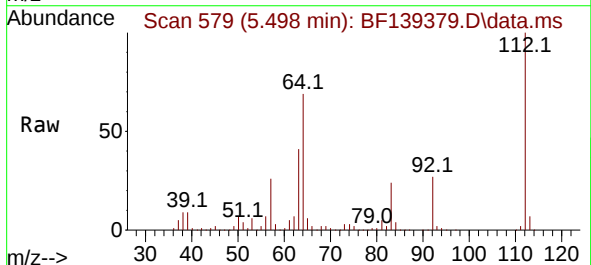
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BNA_F
ClientSampleId :
PT-ACIDS-WP

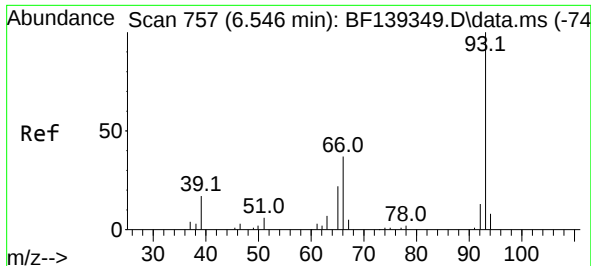
Tgt Ion:152 Resp: 51774
Ion Ratio Lower Upper
152 100
150 158.2 124.1 186.1
115 63.1 48.1 72.1



#5
2-Fluorophenol
Concen: 141.291 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.005 min
Lab File: BF139379.D
Acq: 16 Sep 2024 12:35

Tgt Ion:112 Resp: 448416
Ion Ratio Lower Upper
112 100
64 69.1 54.8 82.2
63 40.9 33.0 49.4





#6

Aniline

Concen: 4.122 ng

RT: 6.528 min Scan# 71

Delta R.T. -0.041 min

Lab File: BF139379.D

Acq: 16 Sep 2024 12:35

Instrument :

BNA_F

ClientSampleId :

PT-ACIDS-WP

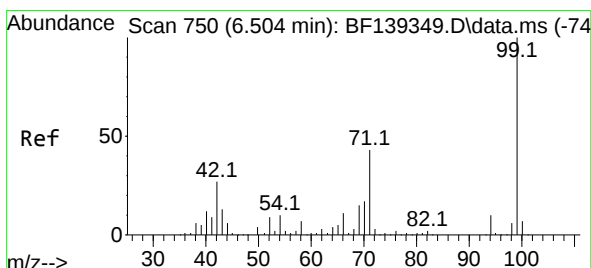
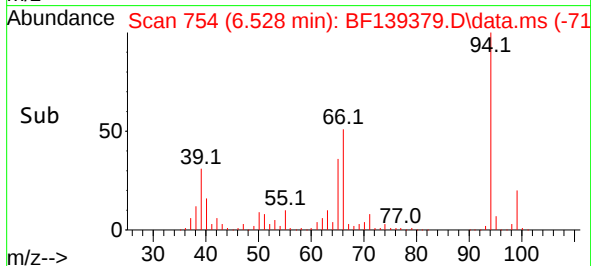
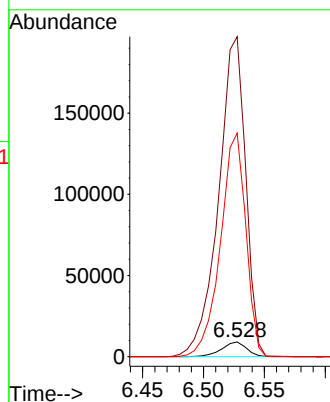
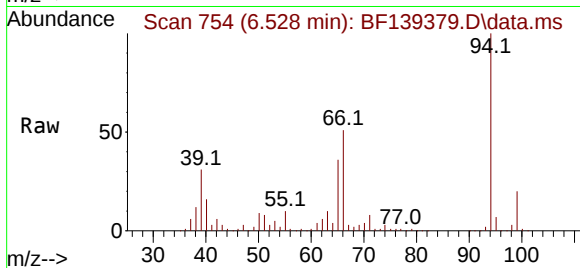
Tgt Ion: 93 Resp: 12958

Ion Ratio Lower Upper

93 100

66 2181.0 35.4 53.0#

65 1523.9 18.2 27.4#



#7

Phenol-d6

Concen: 139.913 ng

RT: 6.510 min Scan# 751

Delta R.T. 0.006 min

Lab File: BF139379.D

Acq: 16 Sep 2024 12:35

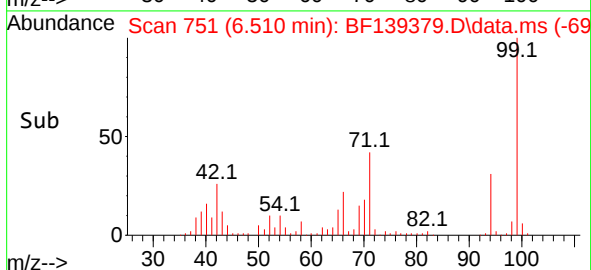
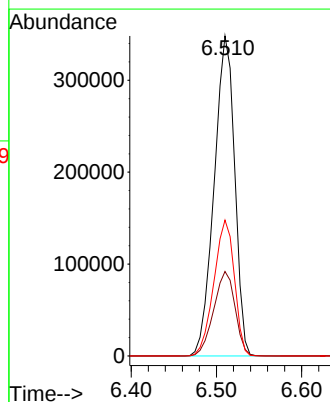
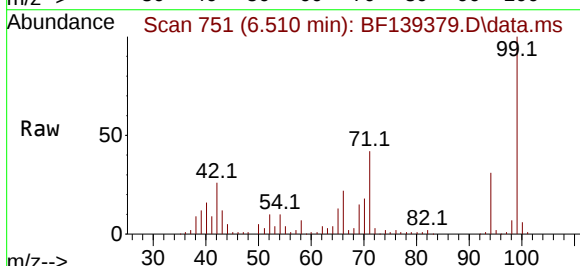
Tgt Ion: 99 Resp: 582835

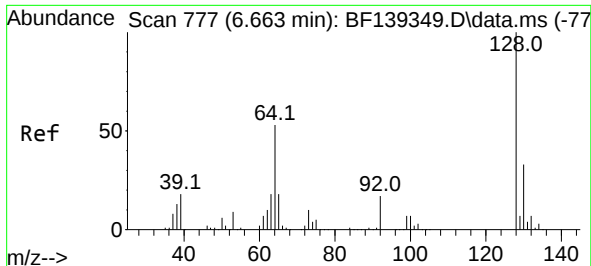
Ion Ratio Lower Upper

99 100

42 26.4 21.9 32.9

71 42.5 34.6 52.0

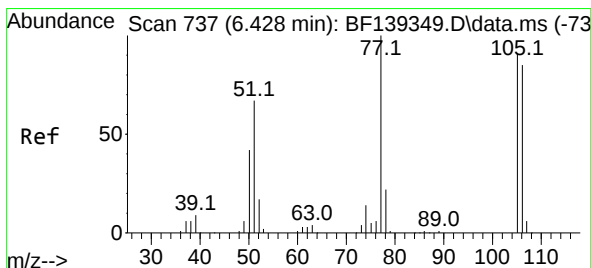
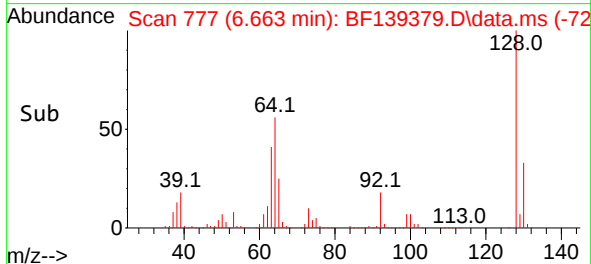
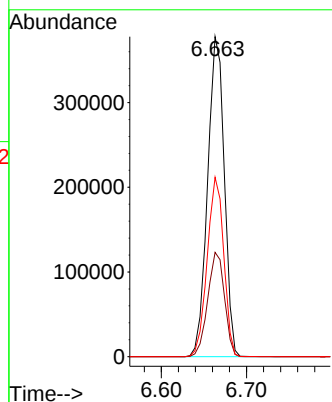
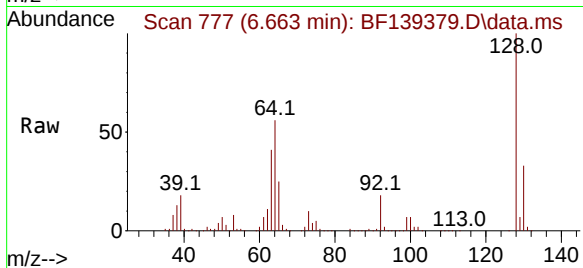




#8
2-Chlorophenol
Concen: 157.519 ng
RT: 6.663 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139379.D
Acq: 16 Sep 2024 12:35

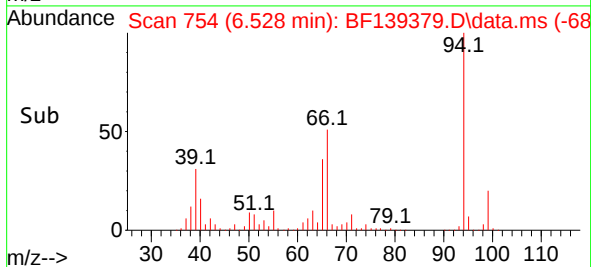
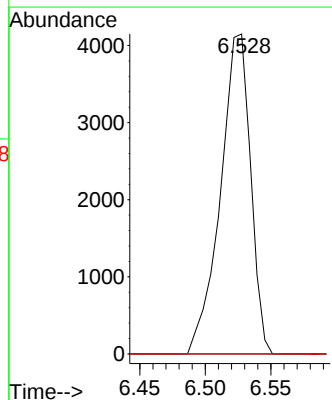
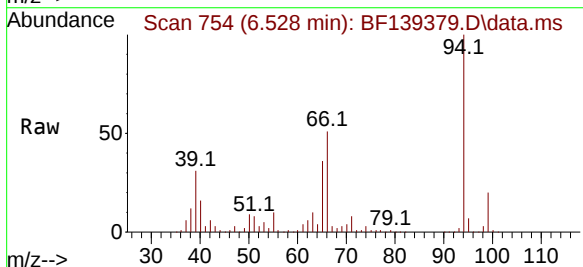
Instrument :
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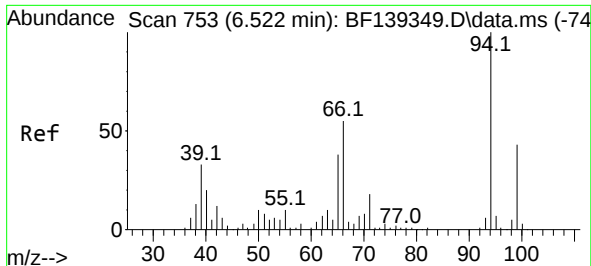
Tgt Ion:128 Resp: 514603
Ion Ratio Lower Upper
128 100
130 32.6 12.8 52.8
64 56.1 35.1 75.1



#9
Benzaldehyde
Concen: 2.757 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.100 min
Lab File: BF139379.D
Acq: 16 Sep 2024 12:35

Tgt Ion: 77 Resp: 6636
Ion Ratio Lower Upper
77 100
105 0.0 71.0 111.0#
106 0.0 64.9 104.9#





#10

Phenol

Concen: 127.122 ng

RT: 6.528 min Scan# 710

Delta R.T. 0.006 min

Lab File: BF139379.D

Acq: 16 Sep 2024 12:35

Instrument :

BNA_F

ClientSampleId :

PT-ACIDS-WP

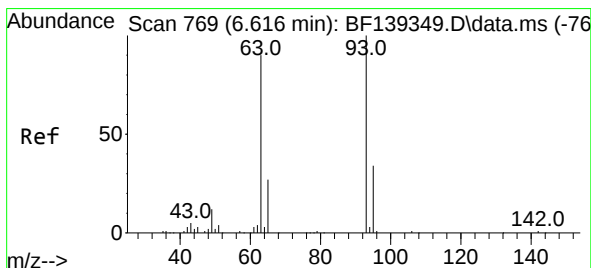
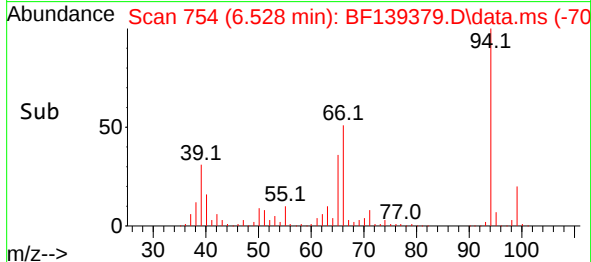
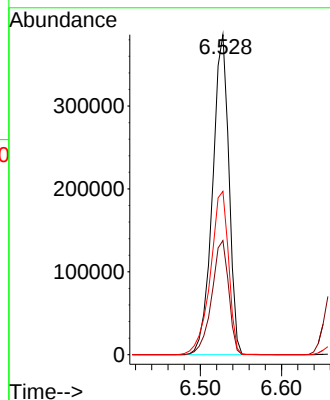
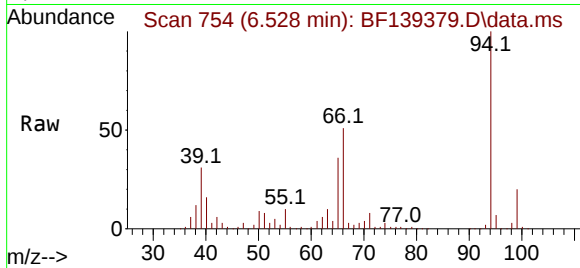
Tgt Ion: 94 Resp: 539339

Ion Ratio Lower Upper

94 100

65 35.7 17.6 57.6

66 51.1 35.2 75.2



#11

bis(2-Chloroethyl)ether

Concen: 3.927 ng

RT: 6.663 min Scan# 777

Delta R.T. 0.047 min

Lab File: BF139379.D

Acq: 16 Sep 2024 12:35

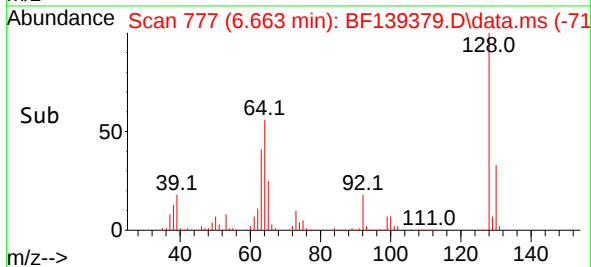
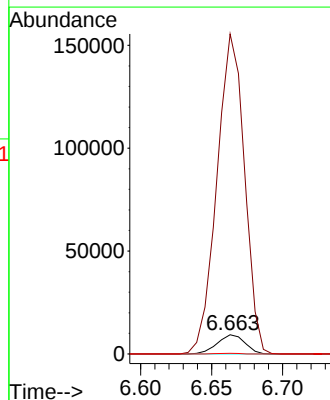
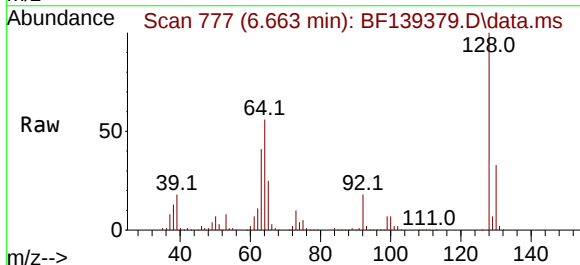
Tgt Ion: 93 Resp: 12663

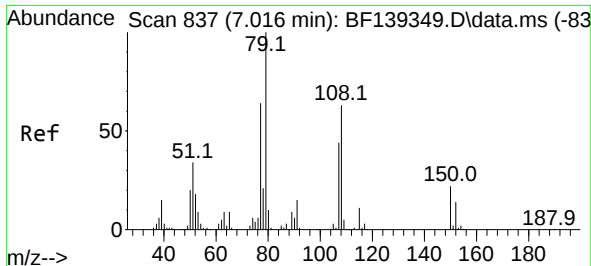
Ion Ratio Lower Upper

93 100

63 1665.5 65.3 105.3#

95 3.1 12.4 52.4#

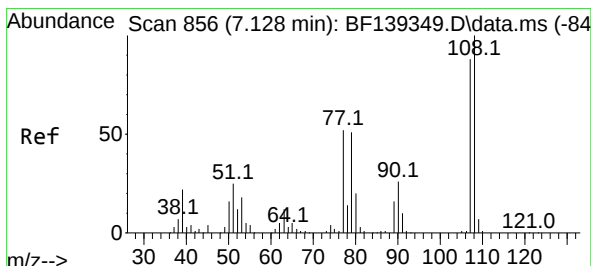
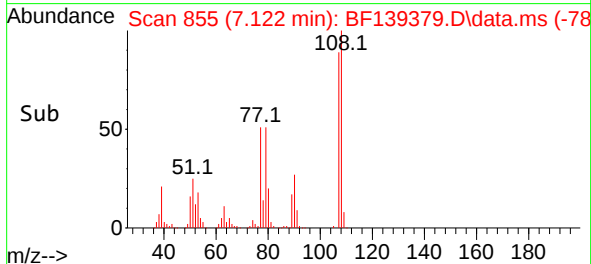
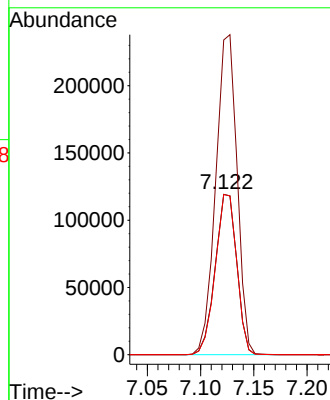
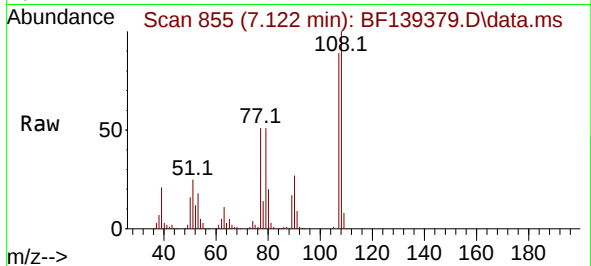




#15
Benzyl Alcohol
Concen: 50.381 ng
RT: 7.122 min Scan# 81
Delta R.T. 0.106 min
Lab File: BF139379.D
Acq: 16 Sep 2024 12:35

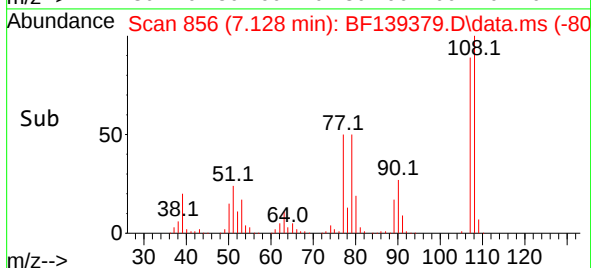
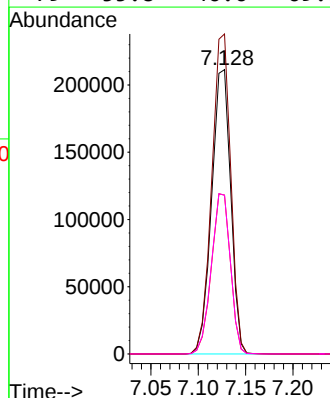
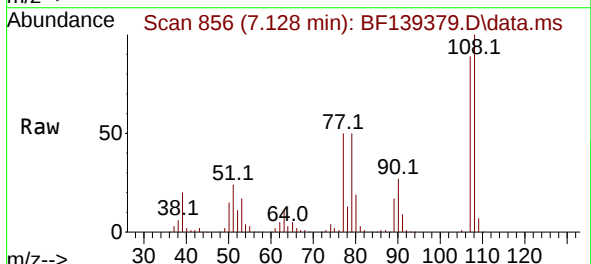
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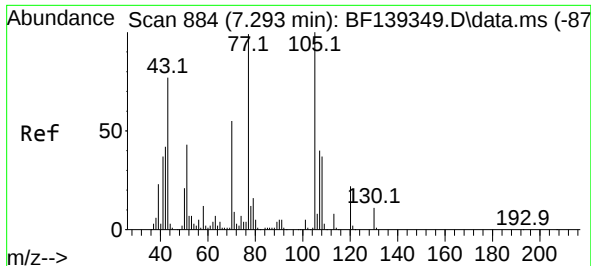
Tgt Ion: 79 Resp: 167440
Ion Ratio Lower Upper
79 100
108 196.3 50.4 75.6#
77 99.9 51.4 77.2#



#17
2-Methylphenol
Concen: 114.273 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.000 min
Lab File: BF139379.D
Acq: 16 Sep 2024 12:35

Tgt Ion: 107 Resp: 296607
Ion Ratio Lower Upper
107 100
108 112.6 90.5 135.7
77 55.9 47.1 70.7
79 55.8 46.6 69.8

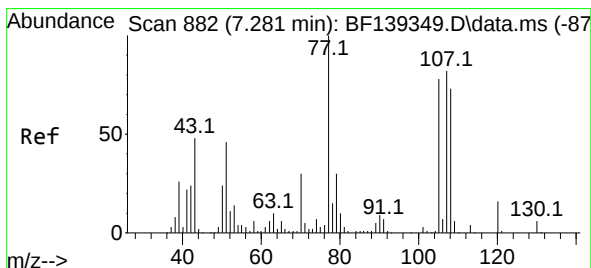
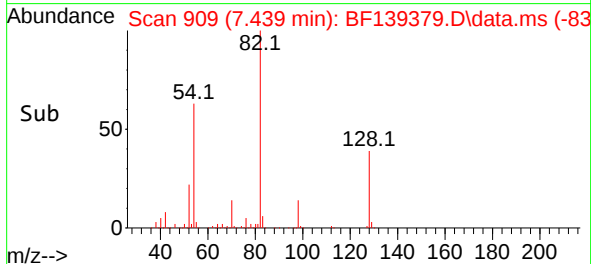
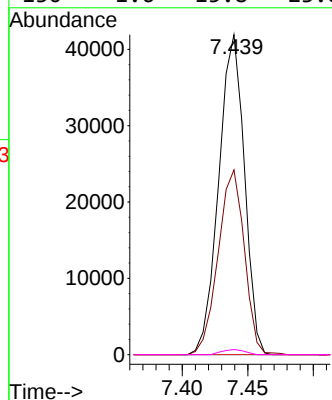
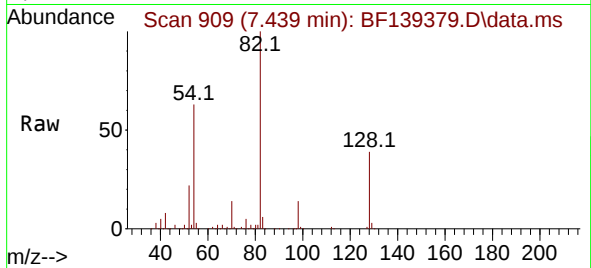




#19
n-Nitroso-di-n-propylamine
Concen: 23.111 ng
RT: 7.439 min Scan# 90
Delta R.T. 0.147 min
Lab File: BF139379.D
Acq: 16 Sep 2024 12:35

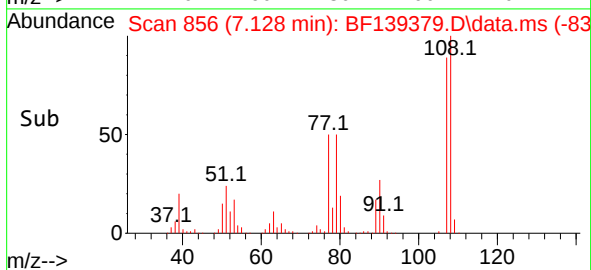
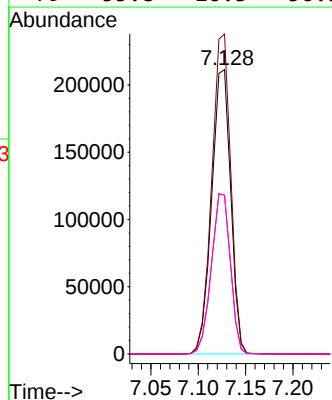
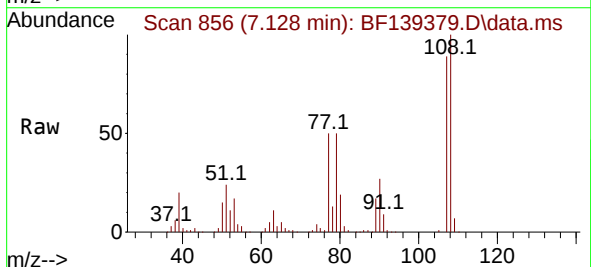
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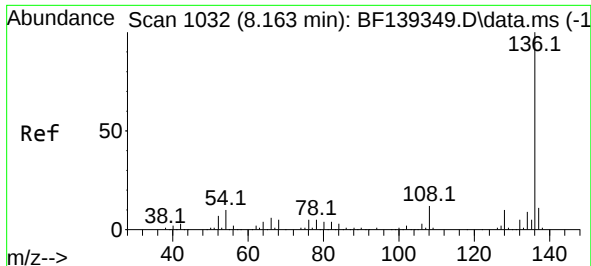
Tgt Ion: 70 Resp: 57051
Ion Ratio Lower Upper
70 100
42 57.7 61.2 91.8#
101 0.0 7.5 11.3#
130 1.6 15.8 23.8#



#20
3+4-Methylphenols
Concen: 83.759 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.153 min
Lab File: BF139379.D
Acq: 16 Sep 2024 12:35

Tgt Ion:107 Resp: 296607
Ion Ratio Lower Upper
107 100
108 112.6 68.6 108.6#
77 55.9 101.6 141.6#
79 55.8 16.3 56.3

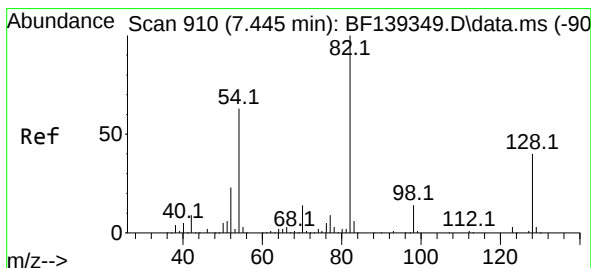
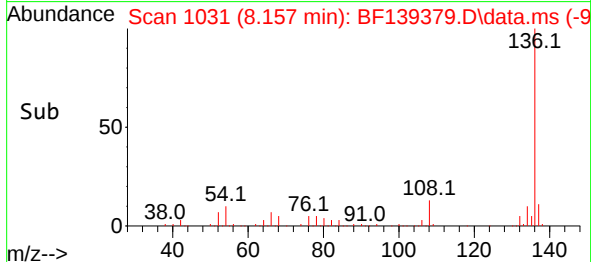
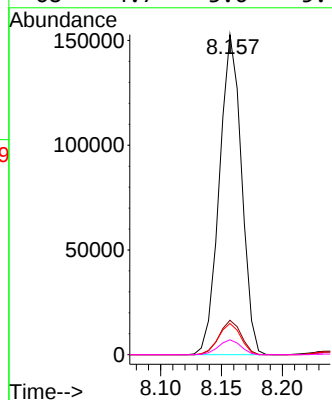
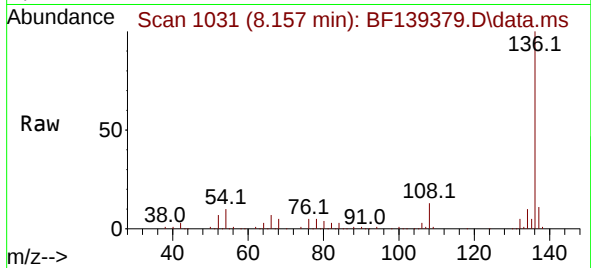




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF139379.D
Acq: 16 Sep 2024 12:35

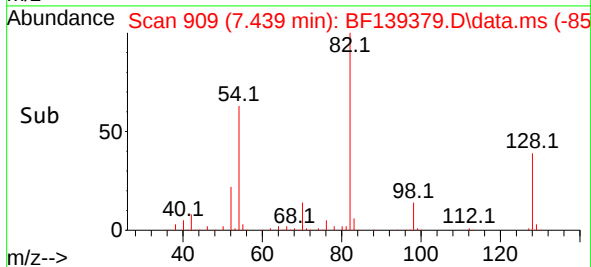
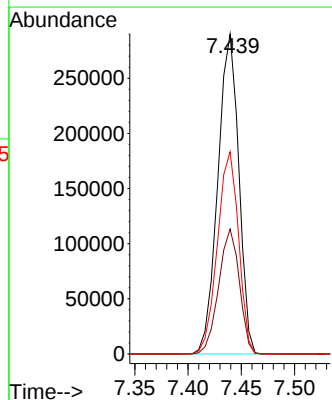
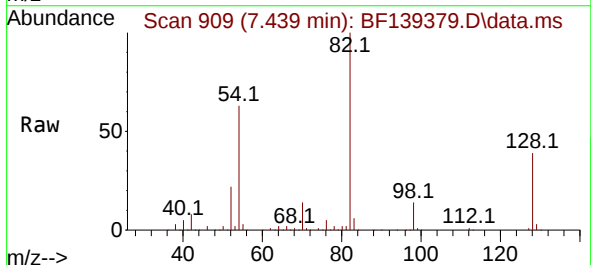
Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WP

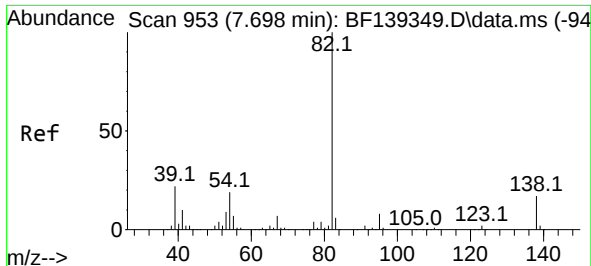
Tgt Ion:136	Resp:	193300	
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	9.8	7.8	11.8
68	4.7	3.6	5.4



#23
Nitrobenzene-d5
Concen: 96.239 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF139379.D
Acq: 16 Sep 2024 12:35

Tgt Ion: 82	Resp: 395713
Ion Ratio	Lower Upper
82 100	
128 39.1	31.8 47.6
54 63.2	50.6 75.8

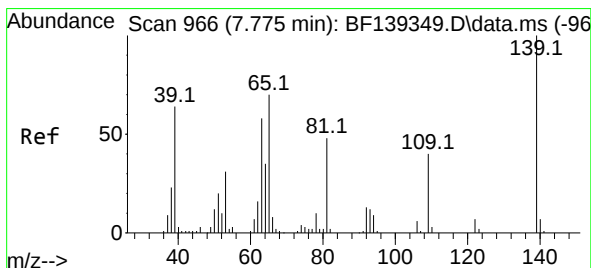
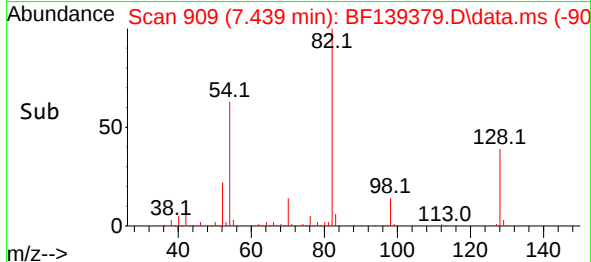
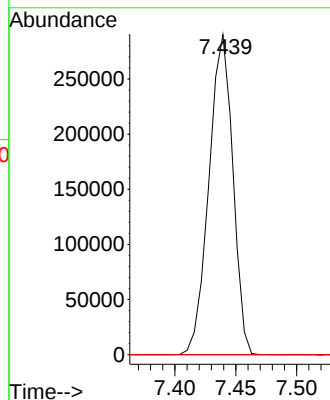
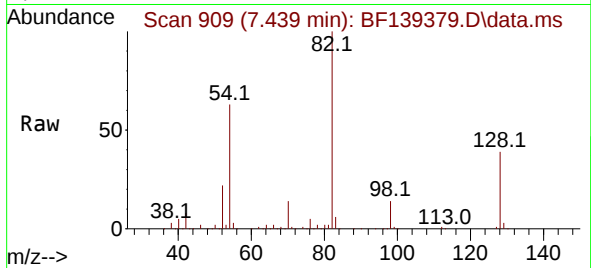




#25
Isophorone
Concen: 60.831 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.259 min
Lab File: BF139379.D
Acq: 16 Sep 2024 12:35

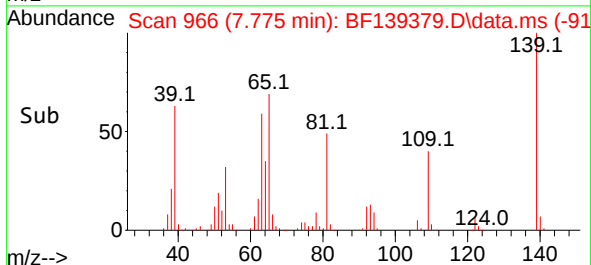
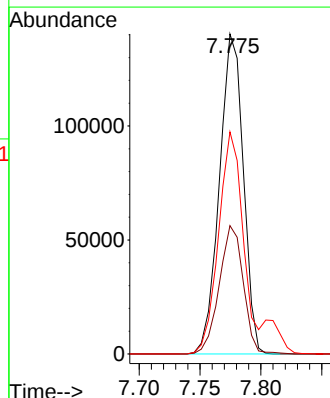
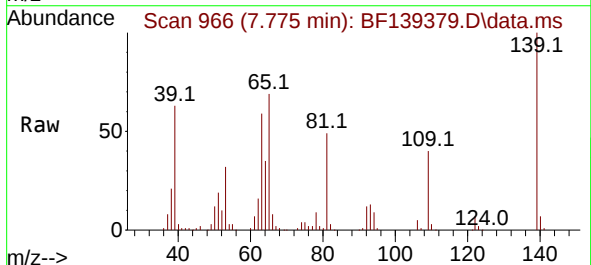
Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WP

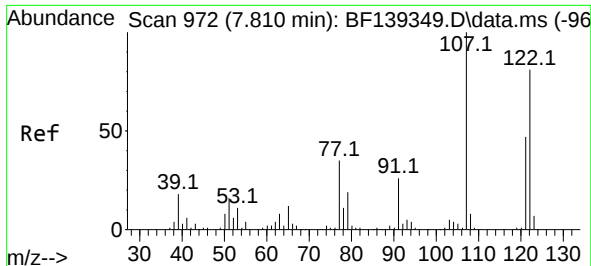
Tgt Ion: 82 Resp: 395574
Ion Ratio Lower Upper
82 100
95 0.0 6.7 10.1#
138 0.0 13.3 19.9#



#26
2-Nitrophenol
Concen: 116.251 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF139379.D
Acq: 16 Sep 2024 12:35

Tgt Ion:139 Resp: 191665
Ion Ratio Lower Upper
139 100
109 40.1 32.2 48.2
65 69.4 55.8 83.8

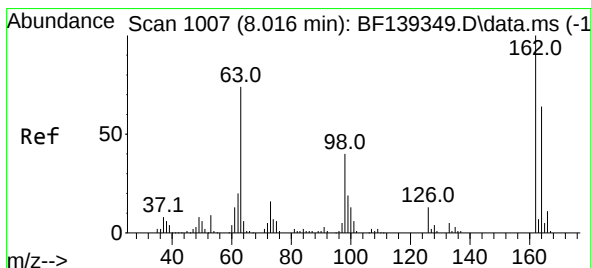
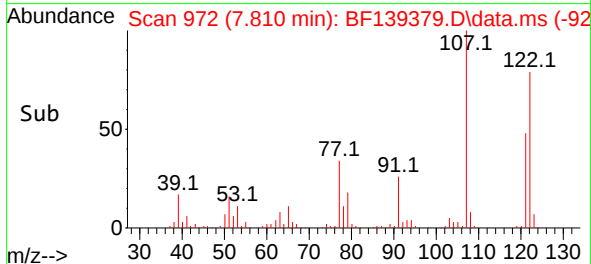
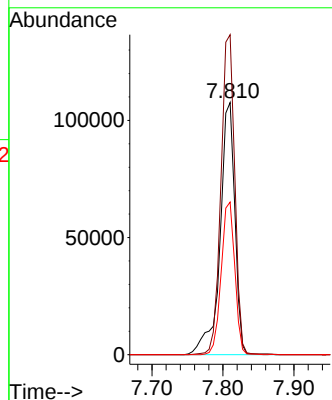
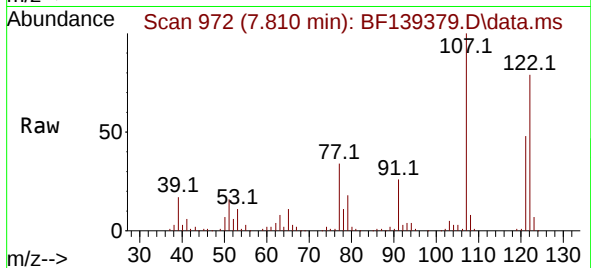




#27
2,4-Dimethylphenol
Concen: 71.542 ng
RT: 7.810 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139379.D
Acq: 16 Sep 2024 12:35

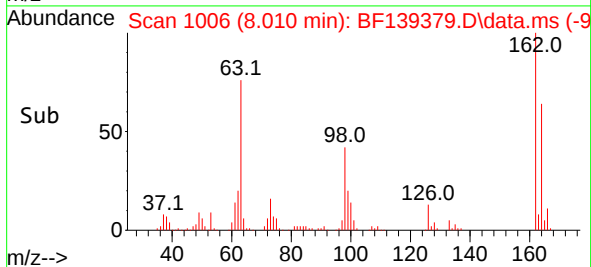
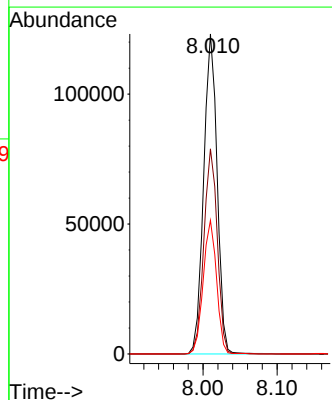
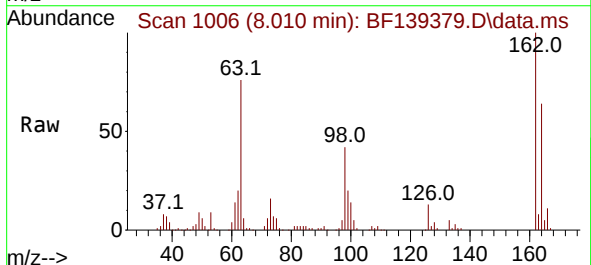
Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WP

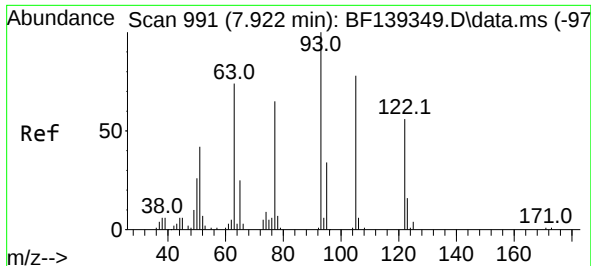
Tgt Ion:122 Resp: 155591
Ion Ratio Lower Upper
122 100
107 126.9 99.1 148.7
121 60.5 46.6 70.0



#29
2,4-Dichlorophenol
Concen: 56.409 ng
RT: 8.010 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF139379.D
Acq: 16 Sep 2024 12:35

Tgt Ion:162 Resp: 155850
Ion Ratio Lower Upper
162 100
164 64.1 43.6 83.6
98 41.7 19.7 59.7

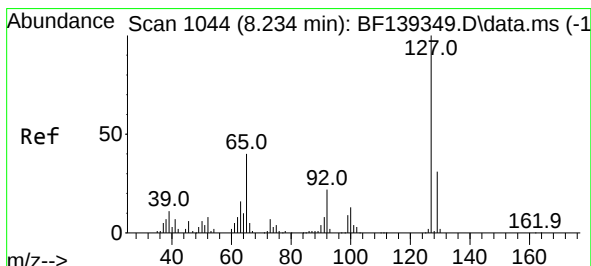
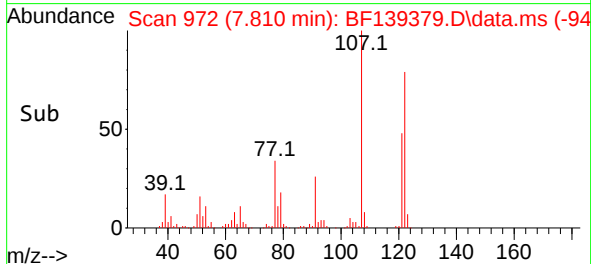
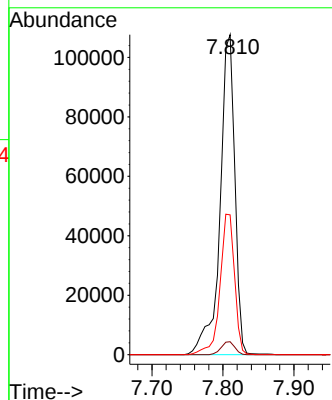
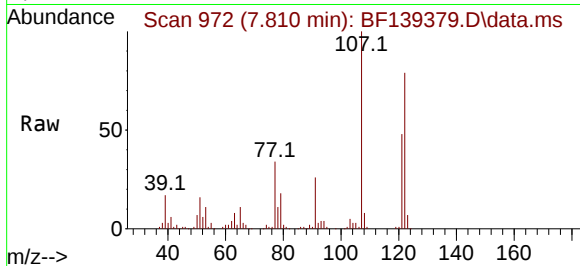




#32
Benzoic acid
Concen: 76.448 ng
RT: 7.810 min Scan# 91
Delta R.T. -0.112 min
Lab File: BF139379.D
Acq: 16 Sep 2024 12:35

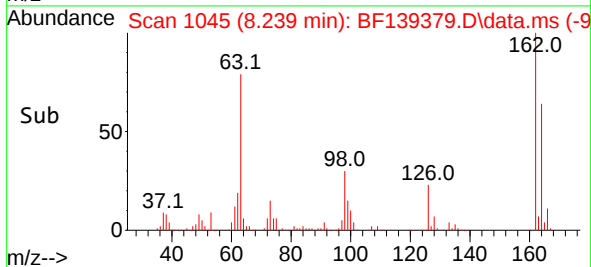
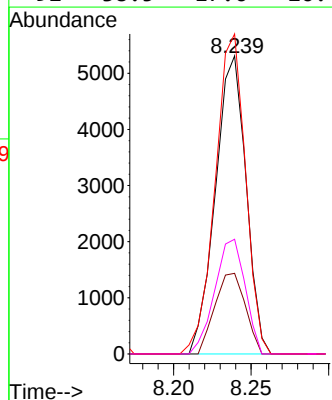
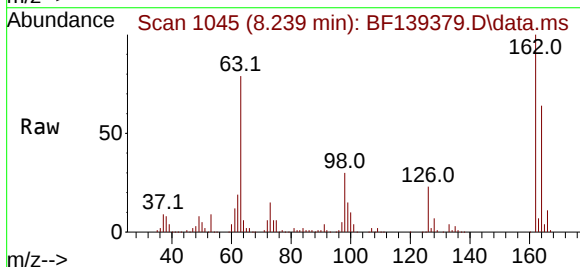
Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WP

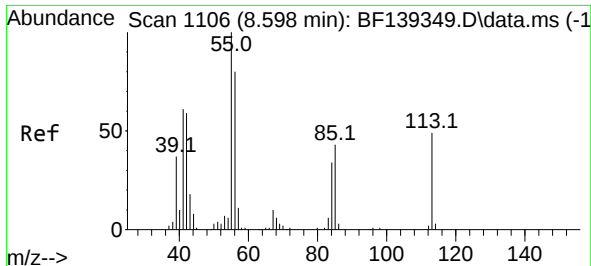
Tgt Ion:122 Resp: 155591
Ion Ratio Lower Upper
122 100
105 4.0 117.1 157.1#
77 43.7 95.4 135.4#



#33
4-Chloroaniline
Concen: 2.360 ng
RT: 8.239 min Scan# 1045
Delta R.T. 0.006 min
Lab File: BF139379.D
Acq: 16 Sep 2024 12:35

Tgt Ion:127 Resp: 7287
Ion Ratio Lower Upper
127 100
129 27.0 25.5 38.3
65 107.3 31.5 47.3#
92 38.5 17.6 26.4#

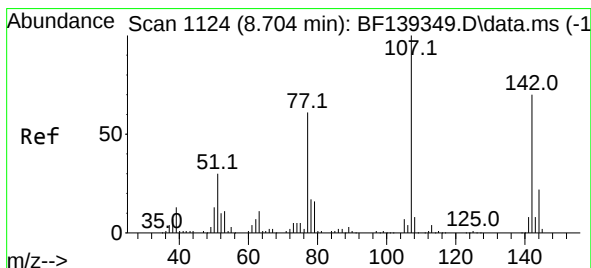
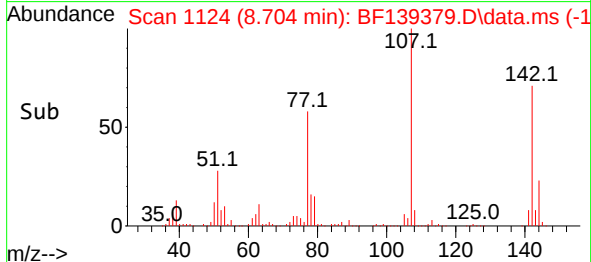
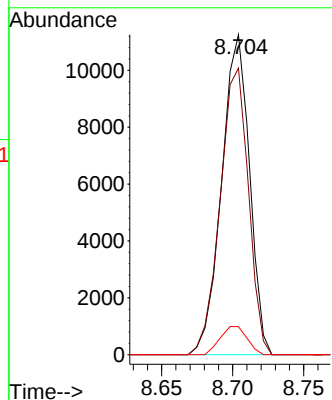
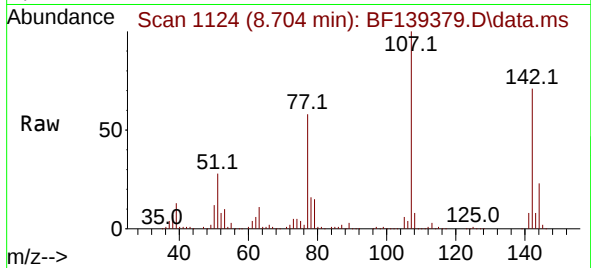




#35
Caprolactam
Concen: 18.066 ng
RT: 8.704 min Scan# 1106
Delta R.T. 0.106 min
Lab File: BF139379.D
Acq: 16 Sep 2024 12:35

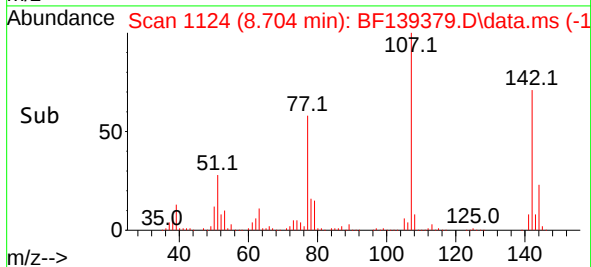
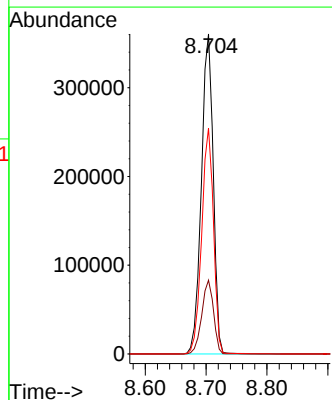
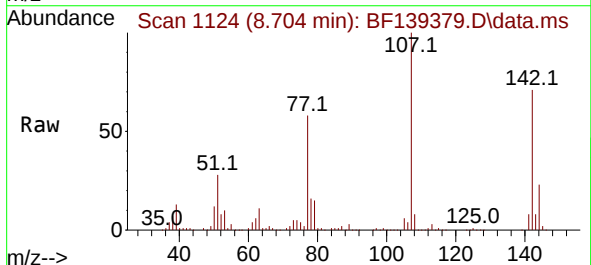
Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WP

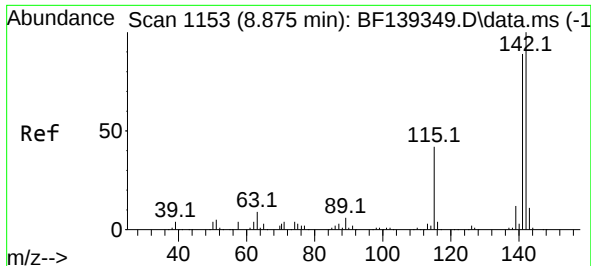
Tgt Ion:113 Resp: 15354
Ion Ratio Lower Upper
113 100
55 89.6 186.1 226.1#
56 8.7 144.9 184.9#



#36
4-Chloro-3-methylphenol
Concen: 154.993 ng
RT: 8.704 min Scan# 1124
Delta R.T. -0.000 min
Lab File: BF139379.D
Acq: 16 Sep 2024 12:35

Tgt Ion:107 Resp: 489395
Ion Ratio Lower Upper
107 100
144 23.0 17.5 26.3
142 70.5 55.8 83.8

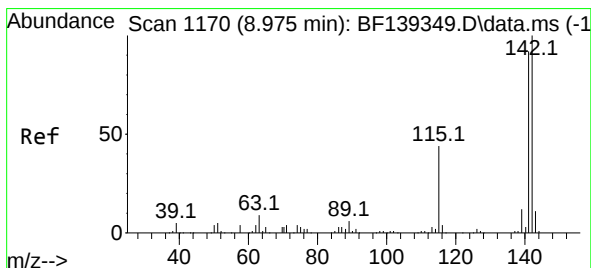
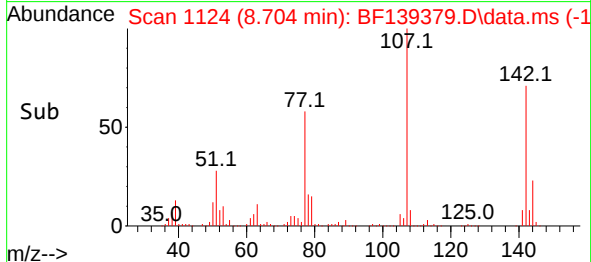
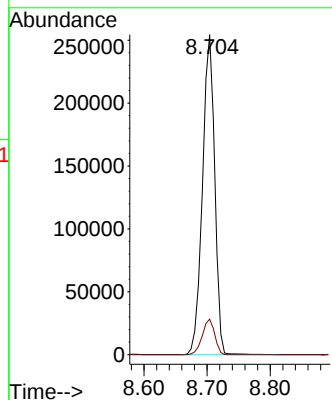
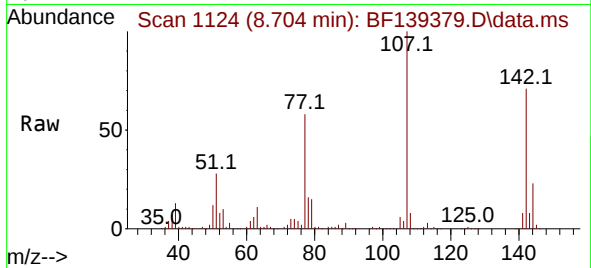




#37
2-Methylnaphthalene
Concen: 53.585 ng
RT: 8.704 min Scan# 1153
Delta R.T. -0.171 min
Lab File: BF139379.D
Acq: 16 Sep 2024 12:35

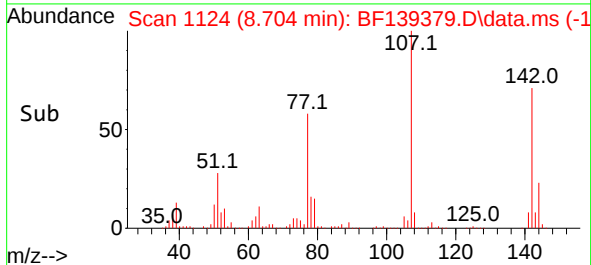
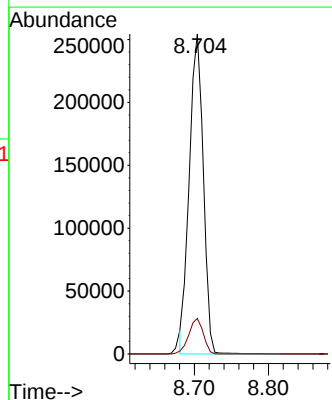
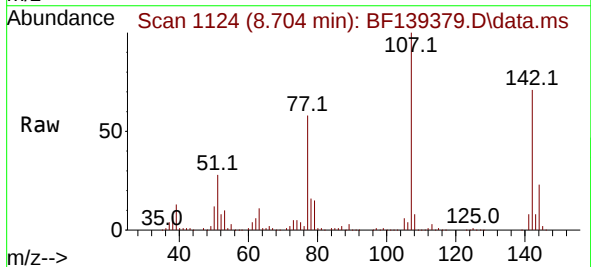
Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WP

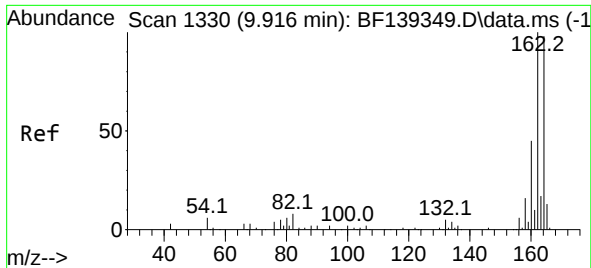
Tgt Ion:142 Resp: 343231
Ion Ratio Lower Upper
142 100
141 11.1 71.6 107.4#



#38
1-Methylnaphthalene
Concen: 53.232 ng
RT: 8.704 min Scan# 1124
Delta R.T. -0.271 min
Lab File: BF139379.D
Acq: 16 Sep 2024 12:35

Tgt Ion:142 Resp: 334749
Ion Ratio Lower Upper
142 100
141 11.1 73.2 109.8#

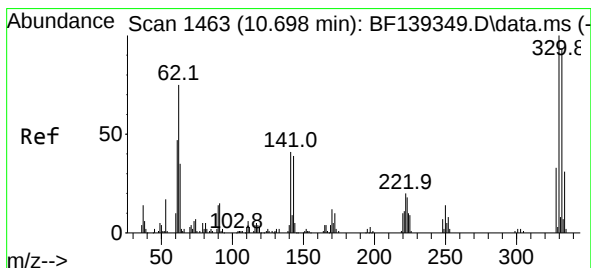
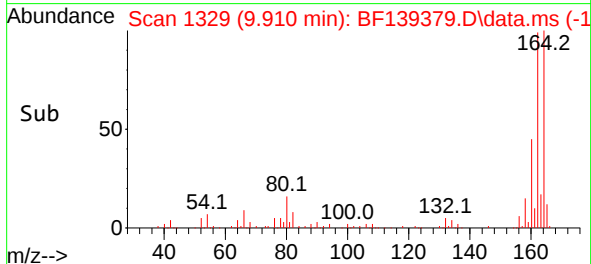
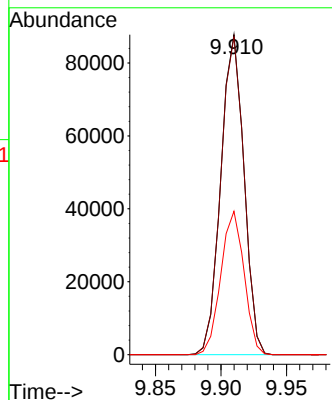
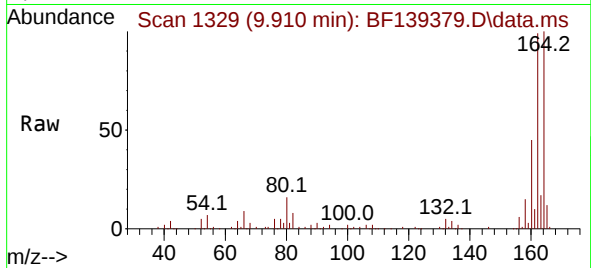




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139379.D
Acq: 16 Sep 2024 12:35

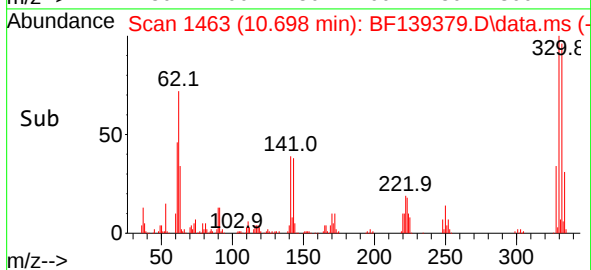
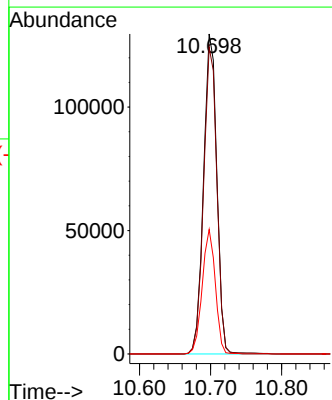
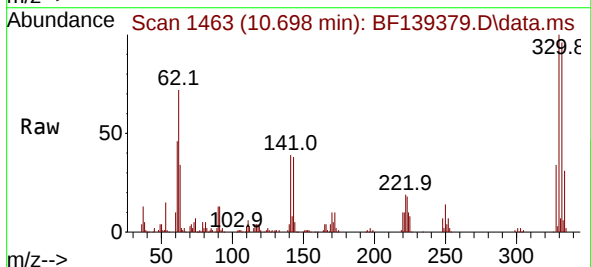
Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WP

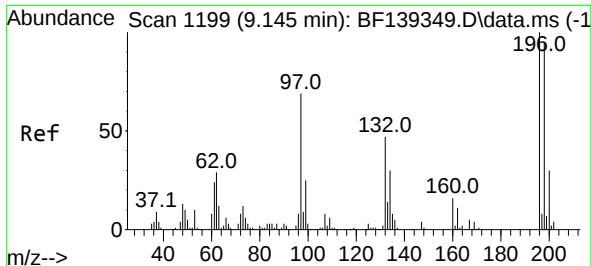
Tgt Ion:164 Resp: 107677
Ion Ratio Lower Upper
164 100
162 99.3 81.3 121.9
160 44.8 36.4 54.6



#42
2,4,6-Tribromophenol
Concen: 147.527 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF139379.D
Acq: 16 Sep 2024 12:35

Tgt Ion:330 Resp: 169118
Ion Ratio Lower Upper
330 100
332 96.1 75.2 112.8
141 38.3 31.2 46.8





#43

2,4,6-Trichlorophenol

Concen: 166.453 ng

RT: 9.151 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF139379.D

Acq: 16 Sep 2024 12:35

Instrument :

BNA_F

ClientSampleId :

PT-ACIDS-WP

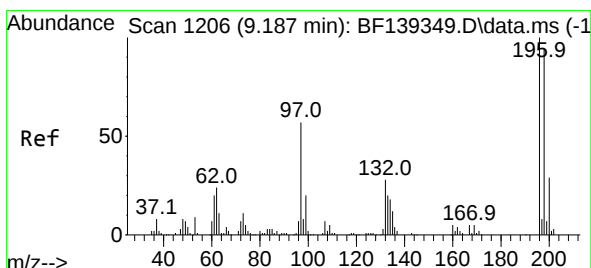
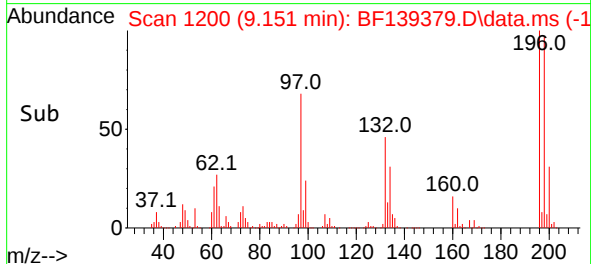
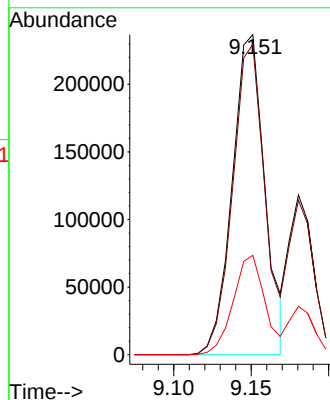
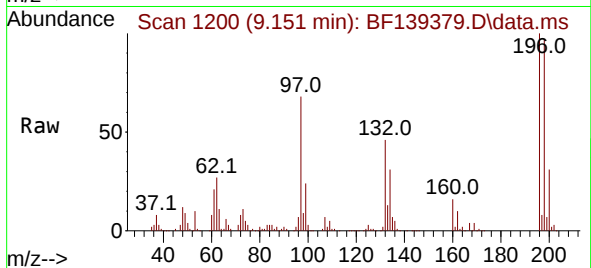
Tgt Ion:196 Resp: 345587

Ion Ratio Lower Upper

196 100

198 96.9 75.8 113.6

200 31.0 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 58.997 ng

RT: 9.180 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF139379.D

Acq: 16 Sep 2024 12:35

Tgt Ion:196 Resp: 129206

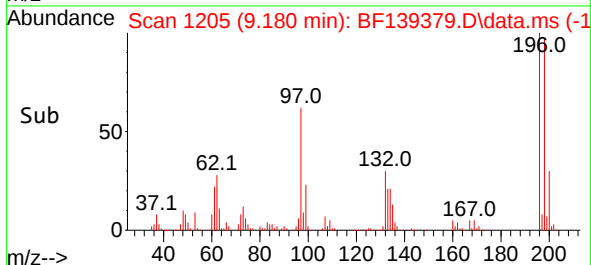
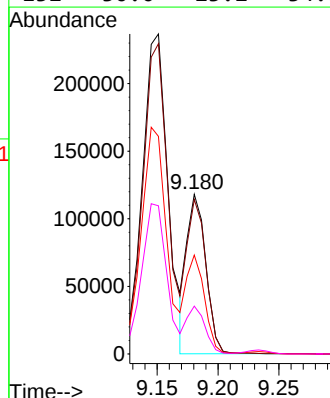
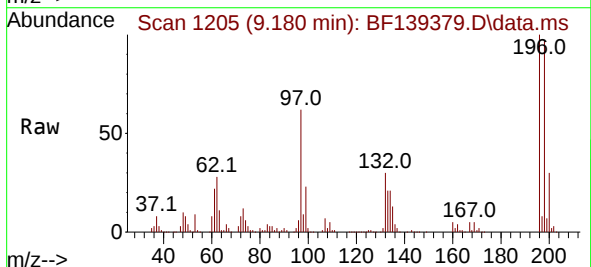
Ion Ratio Lower Upper

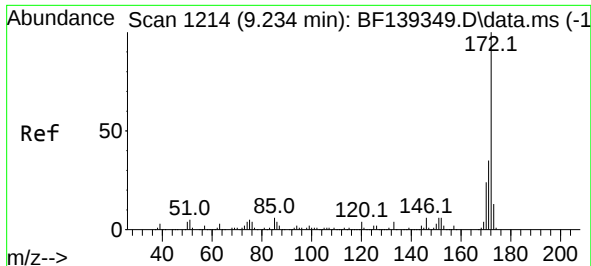
196 100

198 96.7 74.8 112.2

97 61.9 47.3 70.9

132 30.0 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 97.401 ng

RT: 9.233 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139379.D

Acq: 16 Sep 2024 12:35

Instrument :

BNA_F

ClientSampleId :

PT-ACIDS-WP

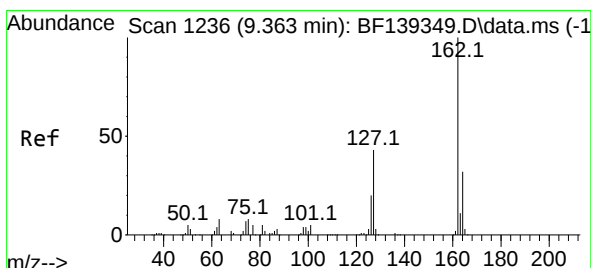
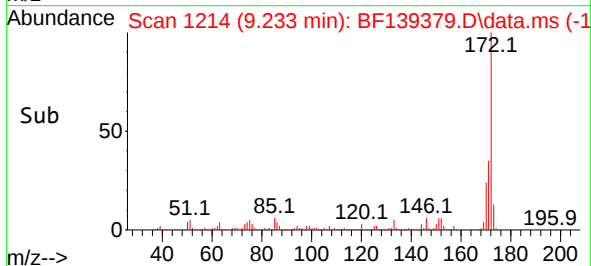
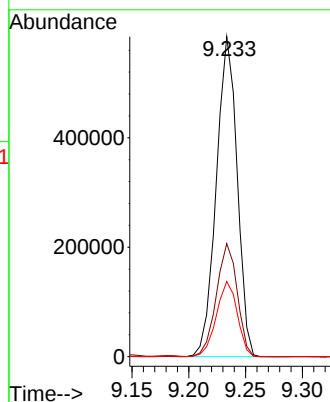
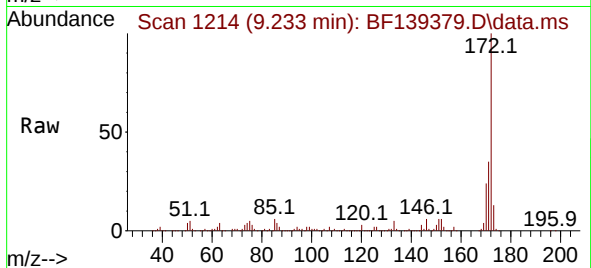
Tgt Ion:172 Resp: 747786

Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.5 19.0 28.6



#47

2-Chloronaphthalene

Concen: 5.611 ng

RT: 9.151 min Scan# 1200

Delta R.T. -0.212 min

Lab File: BF139379.D

Acq: 16 Sep 2024 12:35

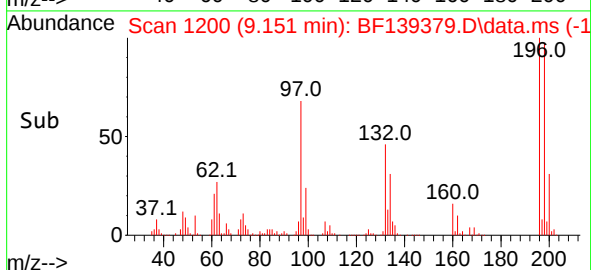
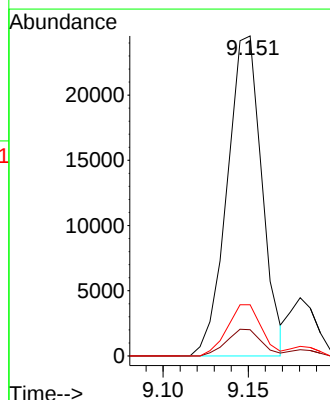
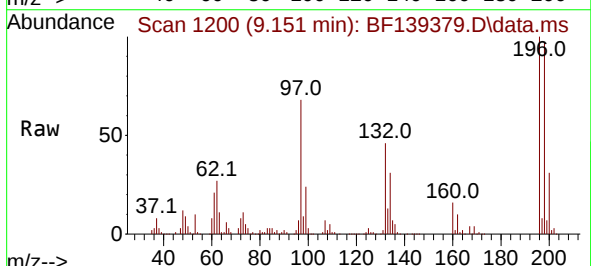
Tgt Ion:162 Resp: 34751

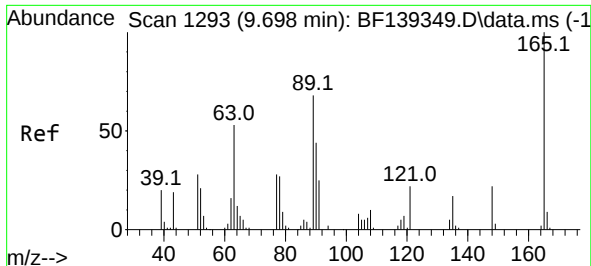
Ion Ratio Lower Upper

162 100

127 8.2 35.0 52.4#

164 16.0 25.8 38.6#

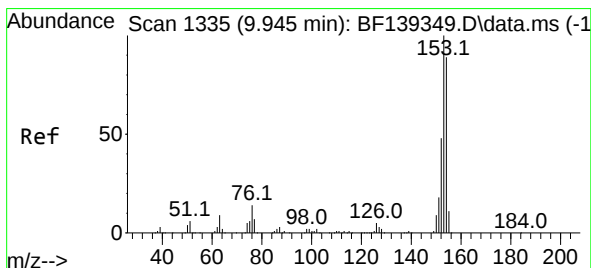
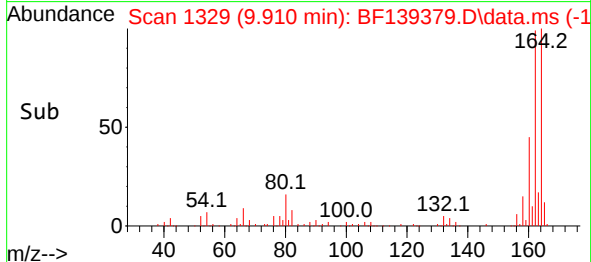
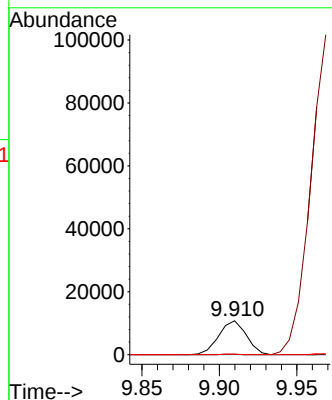
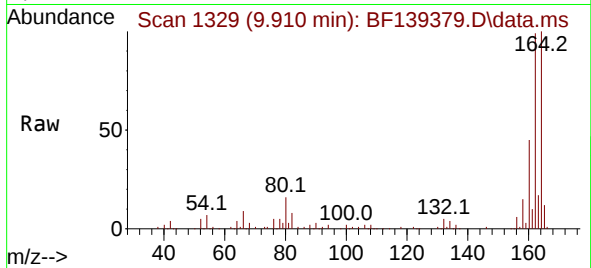




#51
2,6-Dinitrotoluene
Concen: 8.505 ng
RT: 9.910 min Scan# 1329
Delta R.T. 0.212 min
Lab File: BF139379.D
Acq: 16 Sep 2024 12:35

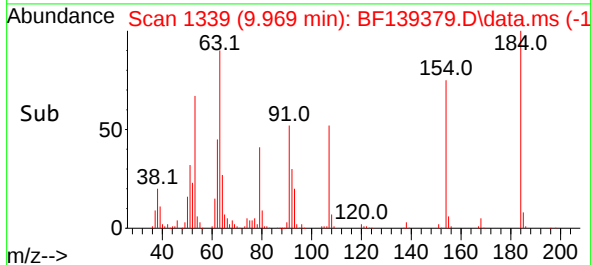
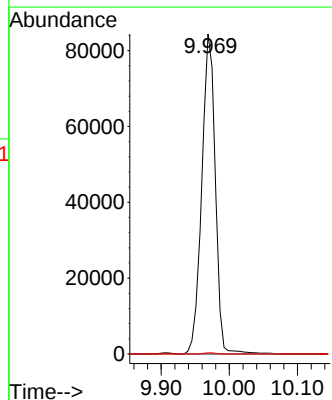
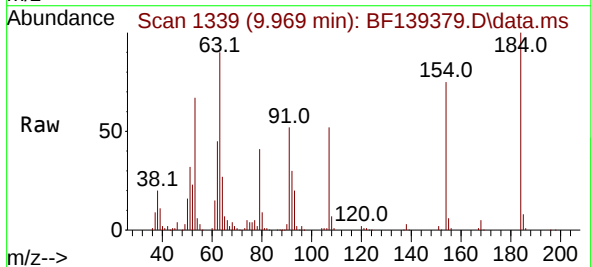
Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WP

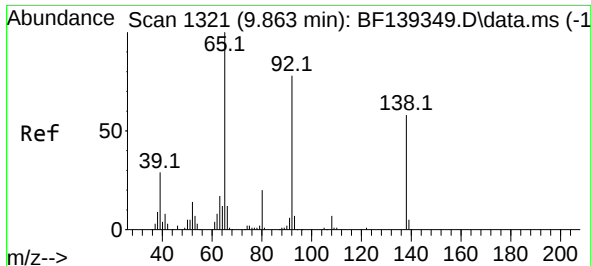
Tgt Ion:165 Resp: 13315
Ion Ratio Lower Upper
165 100
63 1.6 60.9 91.3#
89 1.6 54.7 82.1#



#52
Acenaphthene
Concen: 17.889 ng
RT: 9.969 min Scan# 1339
Delta R.T. 0.023 min
Lab File: BF139379.D
Acq: 16 Sep 2024 12:35

Tgt Ion:154 Resp: 116408
Ion Ratio Lower Upper
154 100
153 0.0 89.5 134.3#
152 0.4 42.6 64.0#

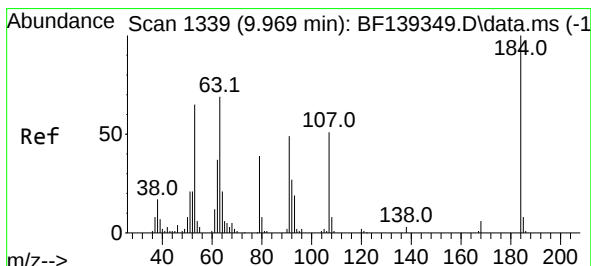
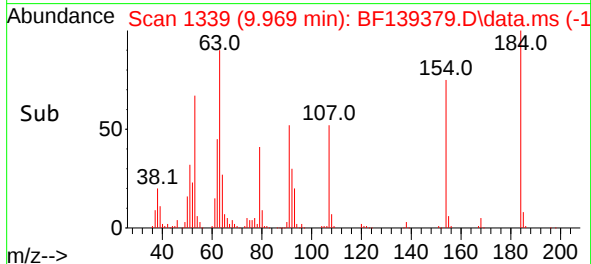
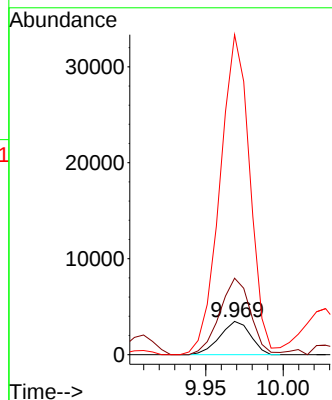
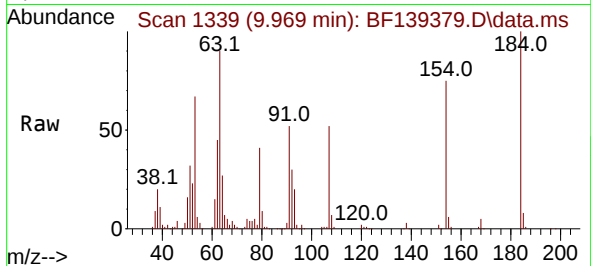




#53
3-Nitroaniline
Concen: 3.063 ng
RT: 9.969 min Scan# 1339
Delta R.T. 0.106 min
Lab File: BF139379.D
Acq: 16 Sep 2024 12:35

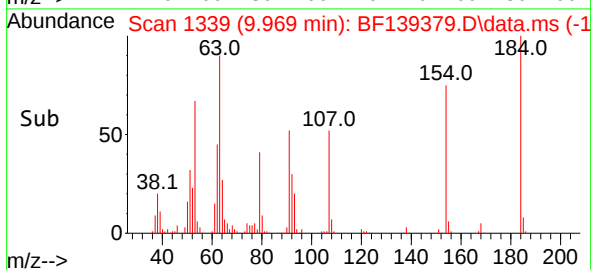
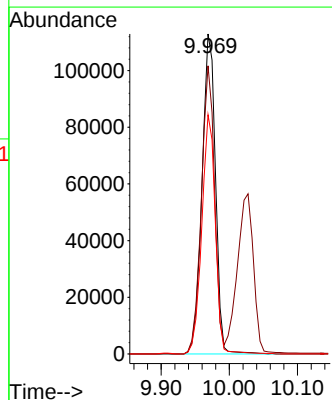
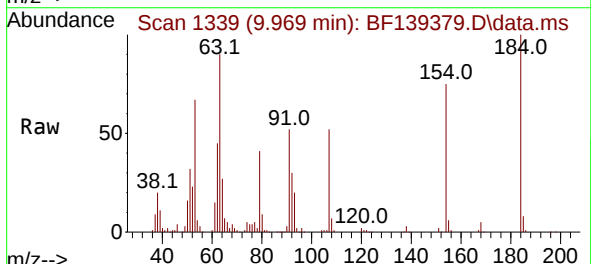
Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WP

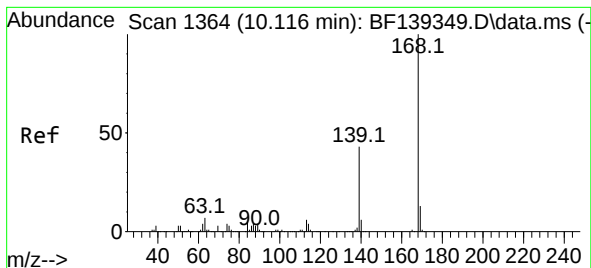
Tgt Ion:138 Resp: 4793
Ion Ratio Lower Upper
138 100
108 229.6 9.8 14.8#
92 961.2 107.4 161.2#



#54
2,4-Dinitrophenol
Concen: 177.339 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF139379.D
Acq: 16 Sep 2024 12:35

Tgt Ion:184 Resp: 154711
Ion Ratio Lower Upper
184 100
63 90.0 69.3 103.9
154 74.7 67.5 101.3





#55

Dibenzofuran

Concen: 7.388 ng

RT: 10.233 min Scan# 1384

Delta R.T. 0.117 min

Lab File: BF139379.D

Acq: 16 Sep 2024 12:35

Instrument :

BNA_F

ClientSampleId :

PT-ACIDS-WP

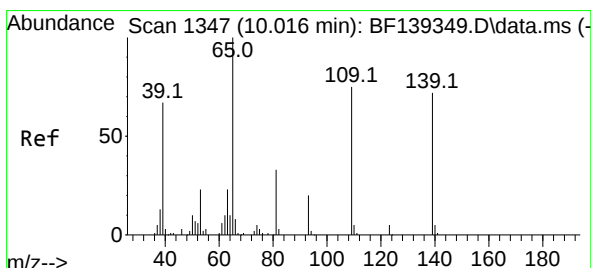
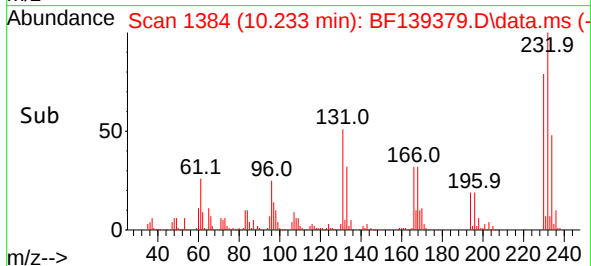
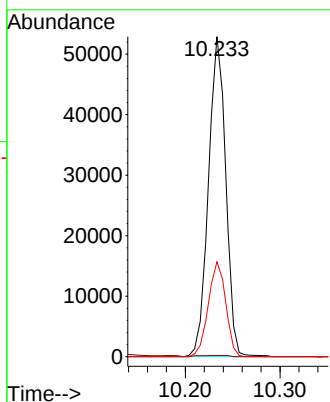
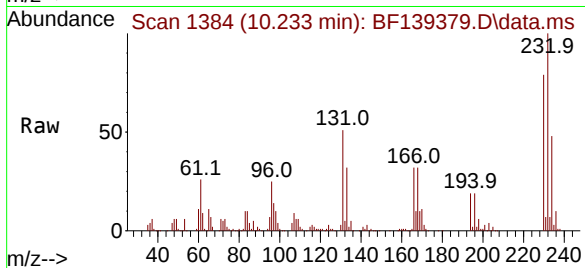
Tgt Ion:168 Resp: 67010

Ion Ratio Lower Upper

168 100

139 0.4 34.1 51.1#

169 29.7 10.5 15.7#



#56

4-Nitrophenol

Concen: 173.559 ng

RT: 10.027 min Scan# 1349

Delta R.T. 0.012 min

Lab File: BF139379.D

Acq: 16 Sep 2024 12:35

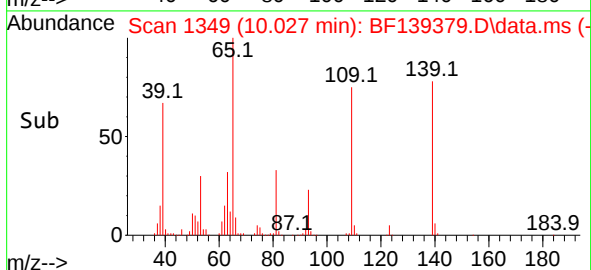
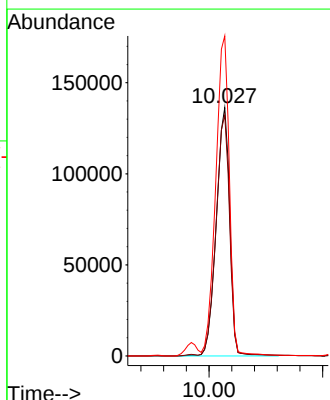
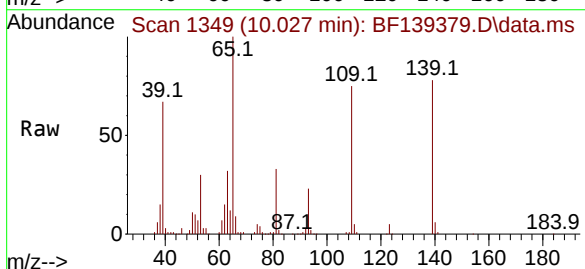
Tgt Ion:139 Resp: 224704

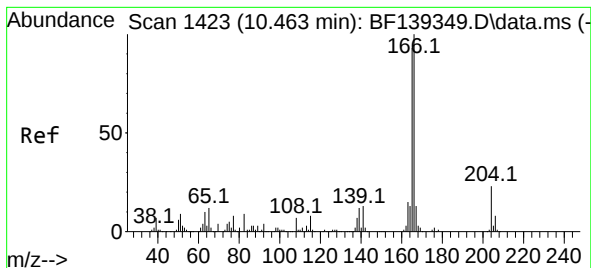
Ion Ratio Lower Upper

139 100

109 97.0 84.1 124.1

65 128.9 120.0 160.0





#58

Fluorene

Concen: 8.949 ng

RT: 10.233 min Scan# 11

Delta R.T. -0.230 min

Lab File: BF139379.D

Acq: 16 Sep 2024 12:35

Instrument :

BNA_F

ClientSampleId :

PT-ACIDS-WP

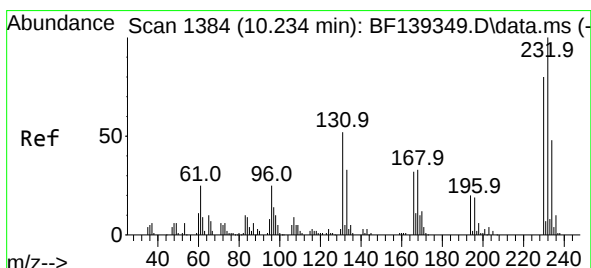
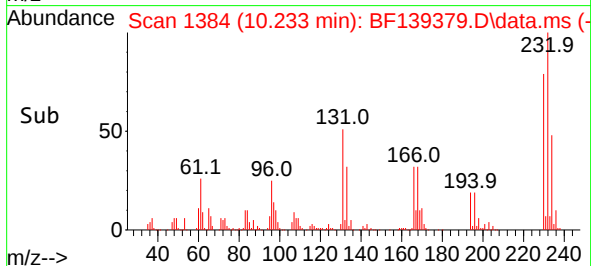
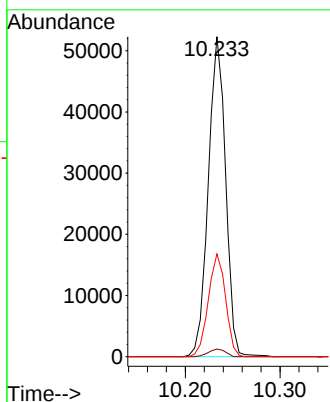
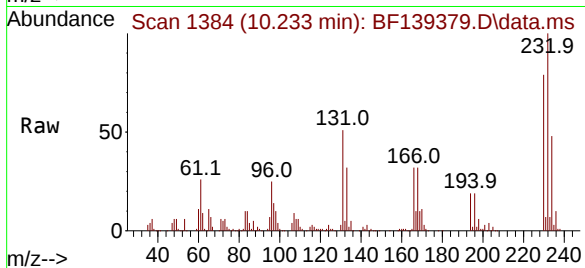
Tgt Ion:166 Resp: 66226

Ion Ratio Lower Upper

166 100

165 2.4 74.5 111.7#

167 32.1 10.6 16.0#



#59

2,3,4,6-Tetrachlorophenol

Concen: 115.499 ng

RT: 10.233 min Scan# 1384

Delta R.T. -0.000 min

Lab File: BF139379.D

Acq: 16 Sep 2024 12:35

Tgt Ion:232 Resp: 209244

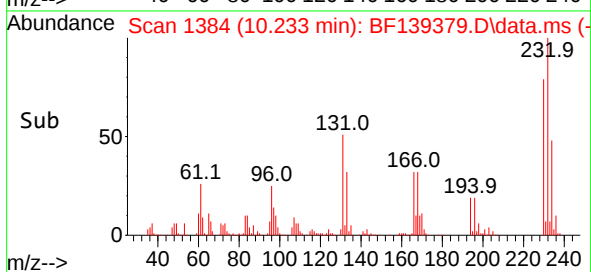
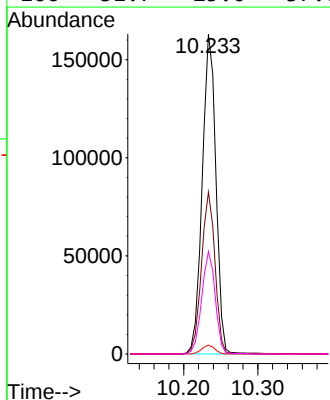
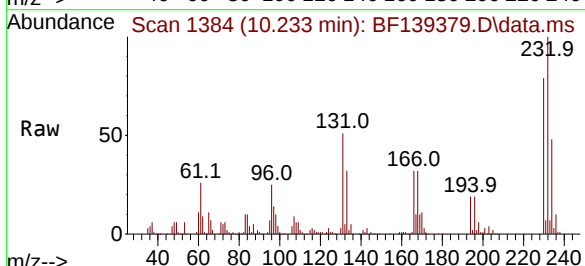
Ion Ratio Lower Upper

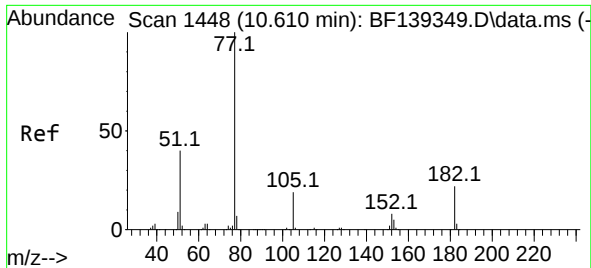
232 100

131 50.1 40.7 61.1

130 2.6 2.2 3.2

166 31.7 25.0 37.6

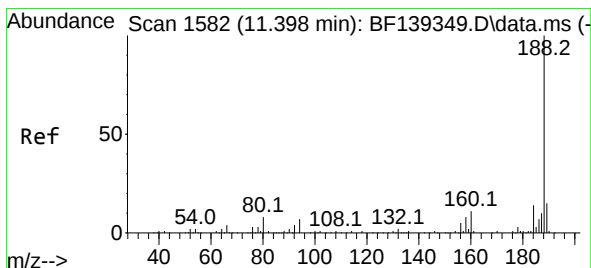
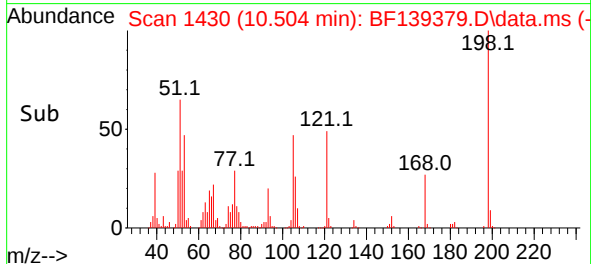
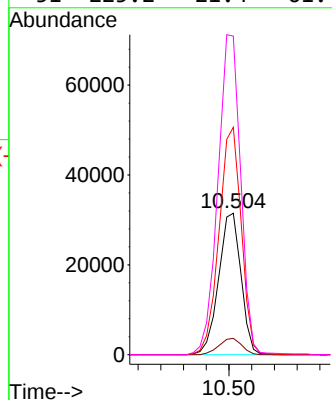
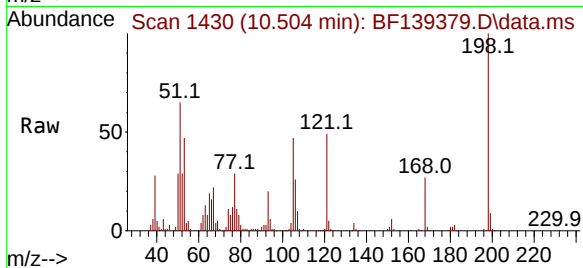




#63
Azobenzene
Concen: 6.001 ng
RT: 10.504 min Scan# 1448
Delta R.T. -0.106 min
Lab File: BF139379.D
Acq: 16 Sep 2024 12:35

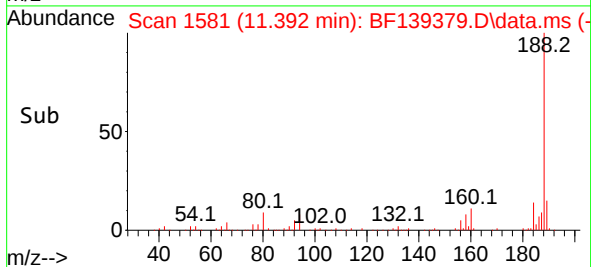
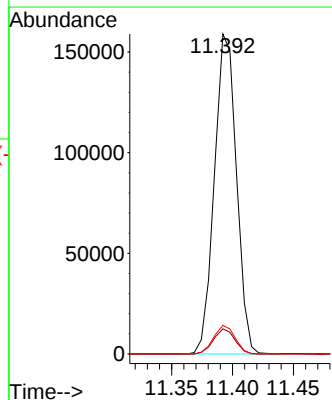
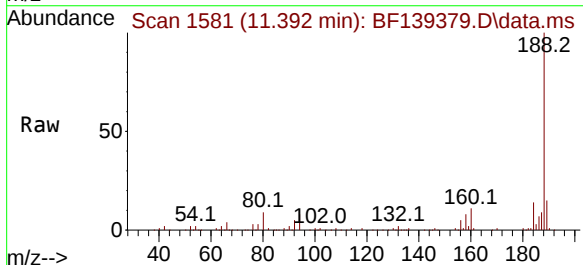
Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WP

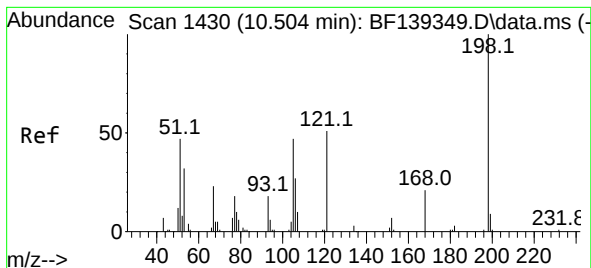
Tgt Ion: 77 Resp: 43049
Ion Ratio Lower Upper
77 100
182 11.5 1.8 41.8
105 160.8 0.0 38.6#
51 225.2 21.4 61.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF139379.D
Acq: 16 Sep 2024 12:35

Tgt Ion: 188 Resp: 200595
Ion Ratio Lower Upper
188 100
94 7.8 5.5 8.3
80 9.0 6.6 9.8

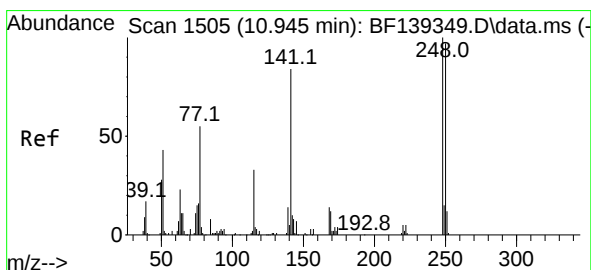
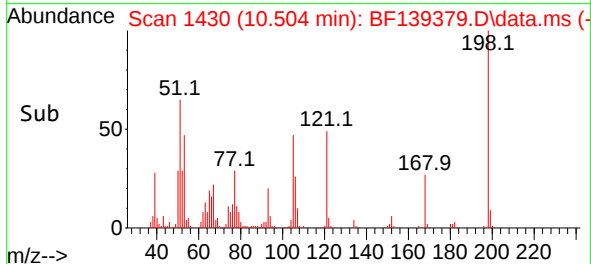
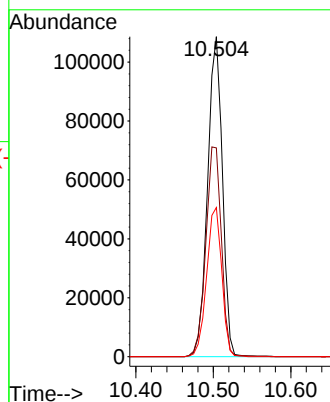
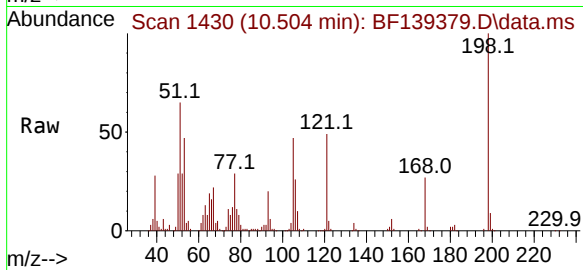




#65
4,6-Dinitro-2-methylphenol
Concen: 136.328 ng
RT: 10.504 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF139379.D
Acq: 16 Sep 2024 12:35

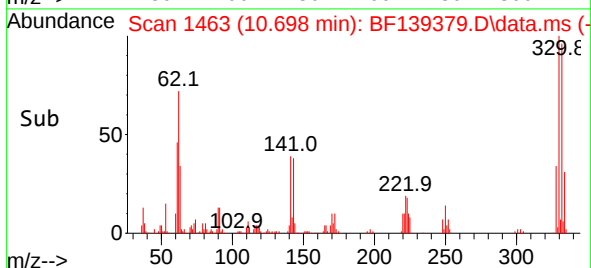
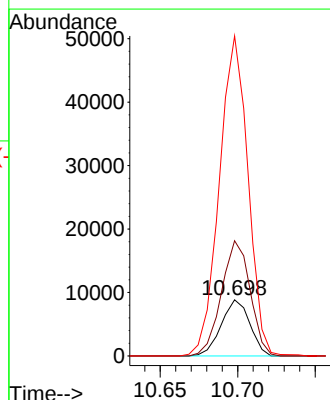
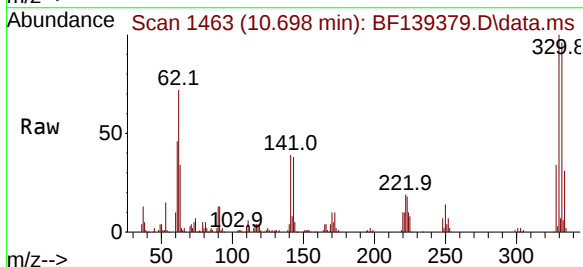
Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WP

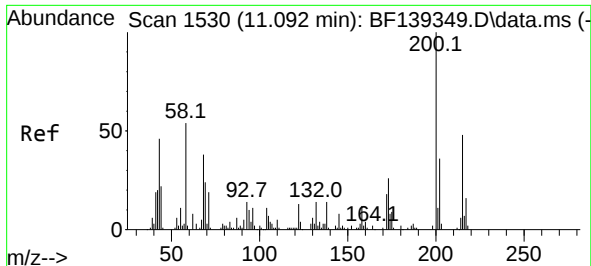
Tgt Ion:198 Resp: 144332
Ion Ratio Lower Upper
198 100
51 65.3 50.4 90.4
105 46.6 28.3 68.3



#67
4-Bromophenyl-phenylether
Concen: 5.711 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF139379.D
Acq: 16 Sep 2024 12:35

Tgt Ion:248 Resp: 11353
Ion Ratio Lower Upper
248 100
250 204.9 77.6 116.4#
141 569.1 66.9 100.3#

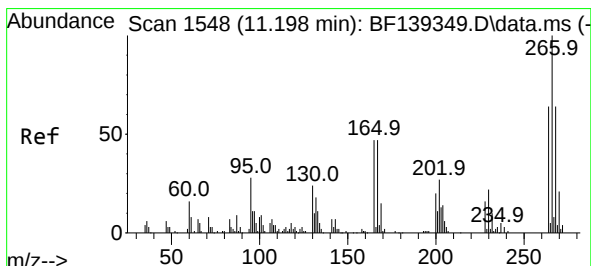
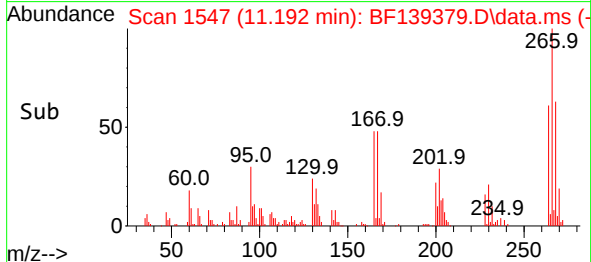
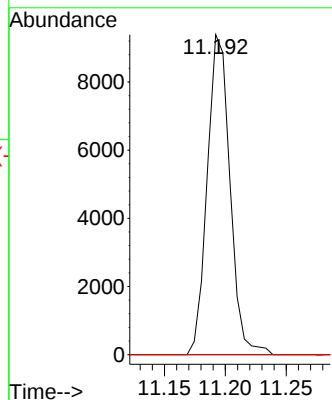
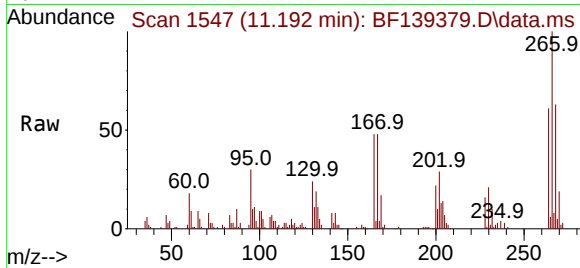




#69
 Atrazine
 Concen: 8.737 ng
 RT: 11.192 min Scan# 1547
 Delta R.T. 0.100 min
 Lab File: BF139379.D
 Acq: 16 Sep 2024 12:35

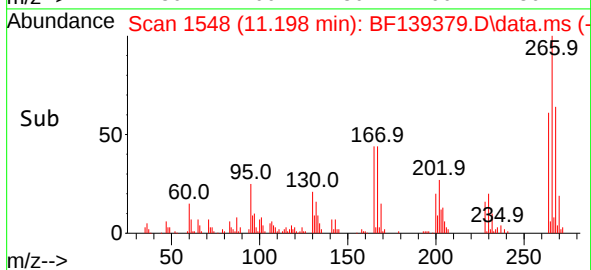
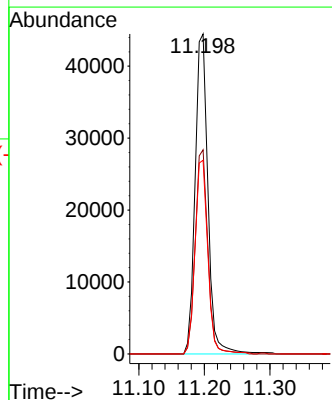
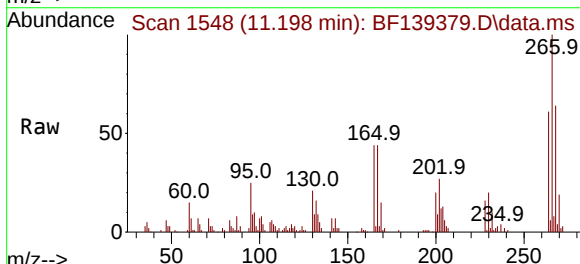
Instrument :
 BNA_F
 ClientSampleId :
 PT-ACIDS-WP

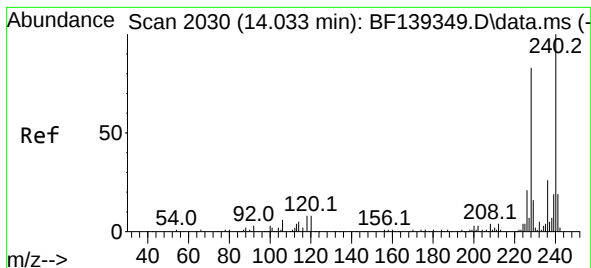
Tgt Ion:200 Resp: 12199
 Ion Ratio Lower Upper
 200 100
 173 0.0 6.1 46.1#
 215 0.0 28.2 68.2#



#70
 Pentachlorophenol
 Concen: 43.325 ng
 RT: 11.198 min Scan# 1548
 Delta R.T. -0.000 min
 Lab File: BF139379.D
 Acq: 16 Sep 2024 12:35

Tgt Ion:266 Resp: 60650
 Ion Ratio Lower Upper
 266 100
 268 63.8 51.1 76.7
 264 60.6 51.4 77.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF139379.D

Acq: 16 Sep 2024 12:35

Instrument :

BNA_F

ClientSampleId :

PT-ACIDS-WP

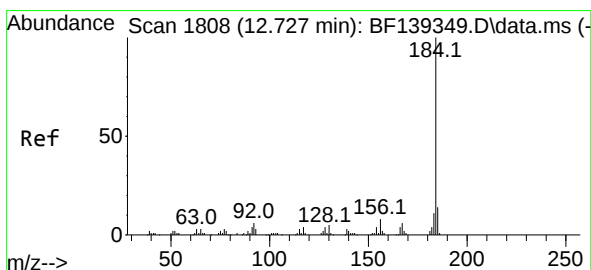
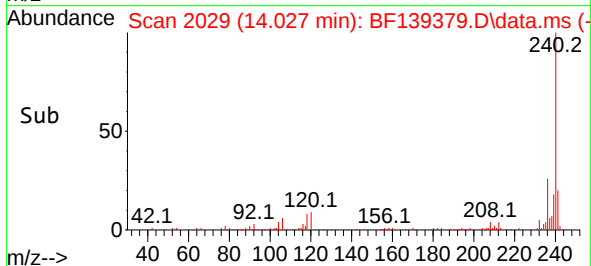
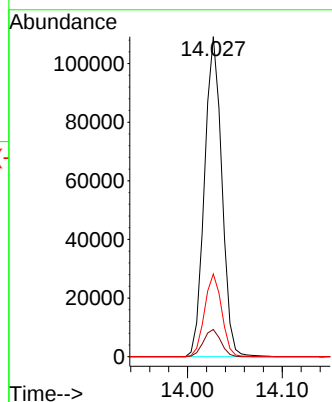
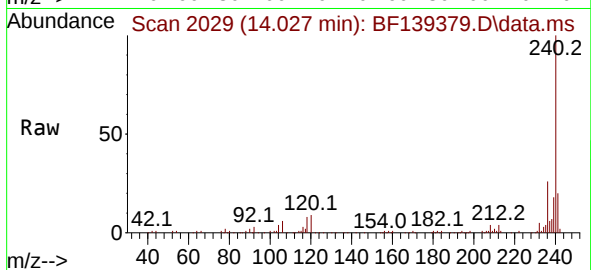
Tgt Ion:240 Resp: 138722

Ion Ratio Lower Upper

240 100

120 8.5 6.2 9.2

236 25.8 20.9 31.3



#77

Benzidine

Concen: 6.409 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.253 min

Lab File: BF139379.D

Acq: 16 Sep 2024 12:35

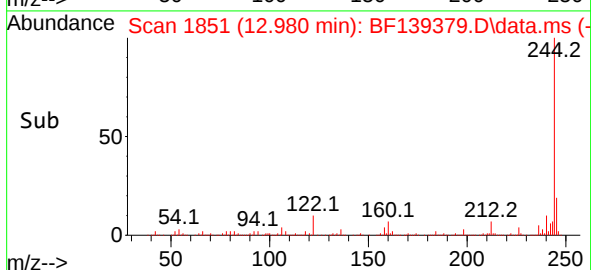
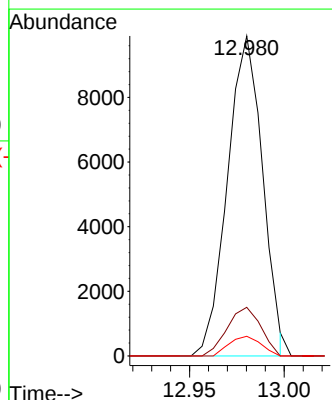
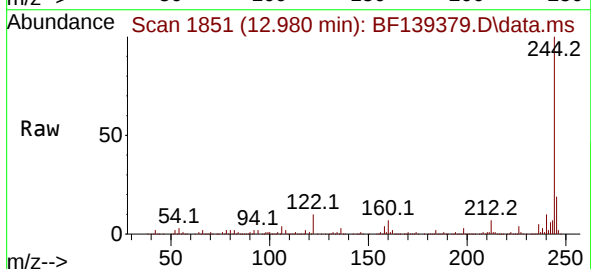
Tgt Ion:184 Resp: 12737

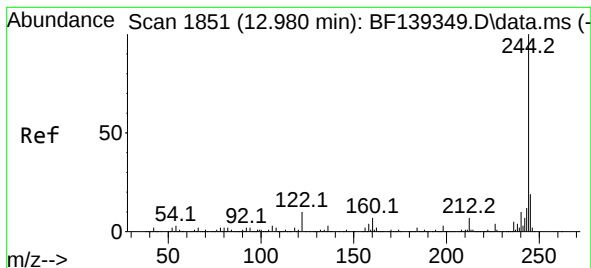
Ion Ratio Lower Upper

184 100

185 15.2 11.5 17.3

183 6.1 8.9 13.3#





#79

Terphenyl-d14

Concen: 97.320 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.000 min

Lab File: BF139379.D

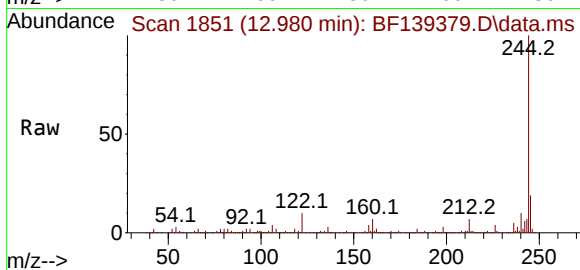
Acq: 16 Sep 2024 12:35

Instrument :

BNA_F

ClientSampleId :

PT-ACIDS-WP



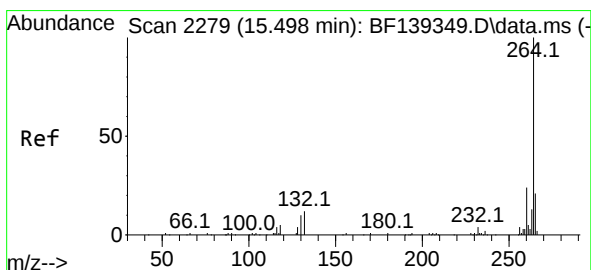
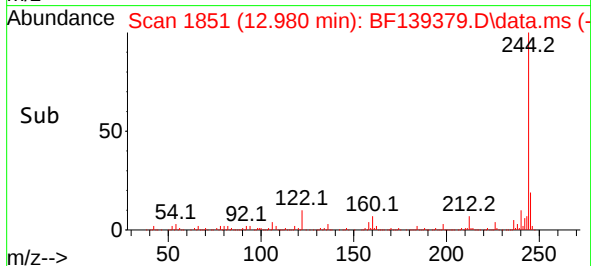
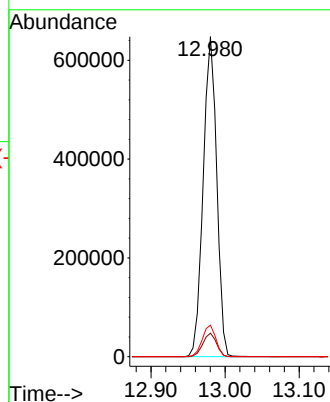
Tgt Ion:244 Resp: 822499

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

122 9.9 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 2279

Delta R.T. -0.000 min

Lab File: BF139379.D

Acq: 16 Sep 2024 12:35

Tgt Ion:264 Resp: 119413

Ion Ratio Lower Upper

264 100

260 23.2 19.5 29.3

265 21.5 16.6 25.0

