

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)

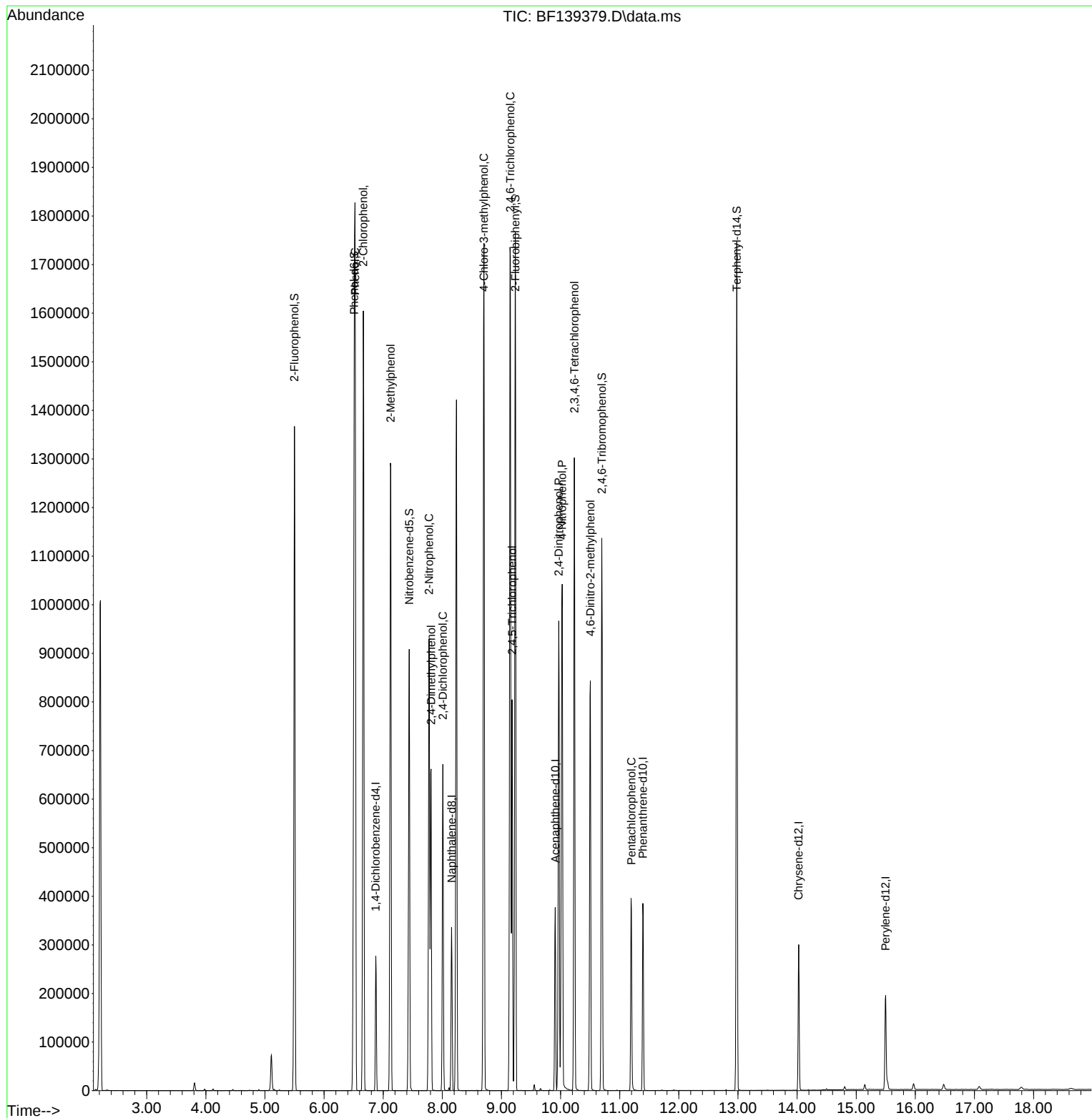
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	51774	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	193300	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	107677	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	200595	20.000	ng	0.00
76) Chrysene-d12	14.027	240	138722	20.000	ng	0.00
86) Perylene-d12	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
8) 2-Chlorophenol	6.663	128	514603	157.519	ng	99
10) Phenol	6.528	94	539339	127.122	ng	95
17) 2-Methylphenol	7.128	107	296607	114.273	ng	98
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
36) 4-Chloro-3-methylphenol	8.704	107	489395	154.993	ng	99
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
54) 2,4-Dinitrophenol	9.969	184	154711	177.339	ng	93
56) 4-Nitrophenol	10.027	139	224704	173.559	ng	92
59) 2,3,4,6-Tetrachlorophenol	10.233	232	209244	115.499	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	144332	136.328	ng	95
70) Pentachlorophenol	11.198	266	60650	43.325	ng	98

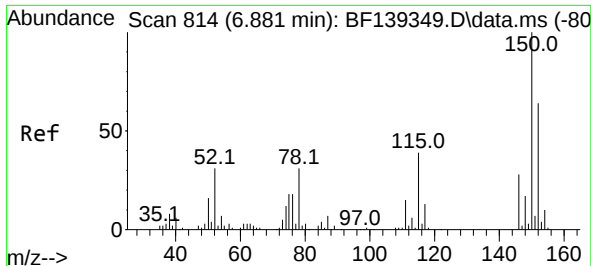
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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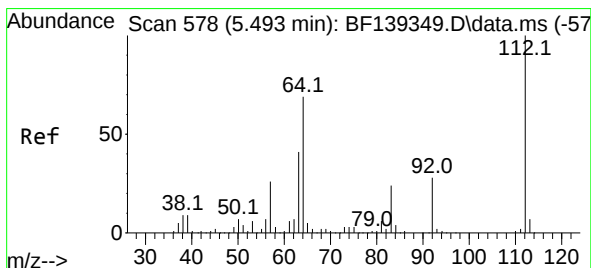
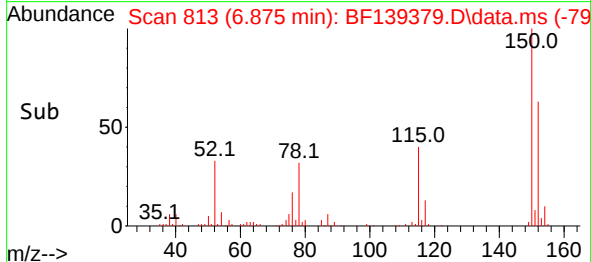
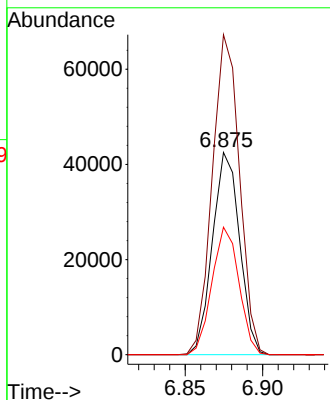
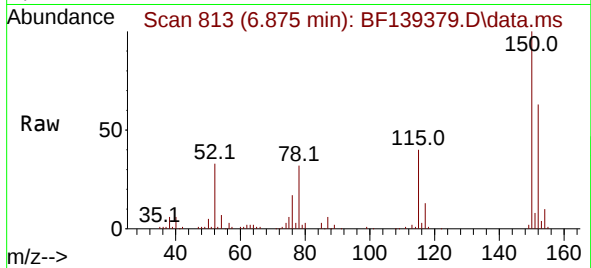




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139379.D
Acq: 16 Sep 2024 12:35

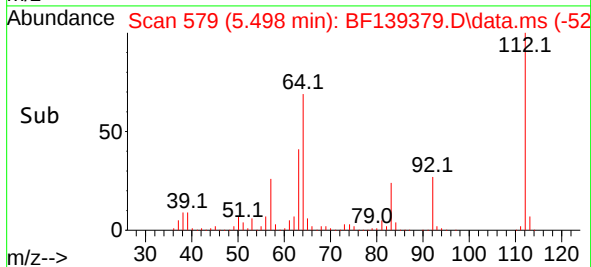
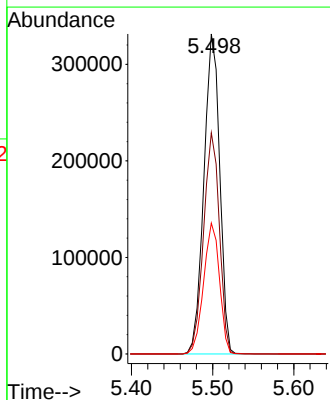
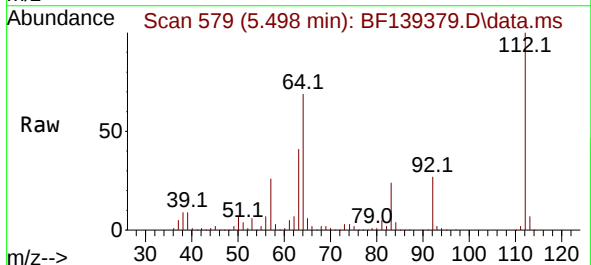
Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WP

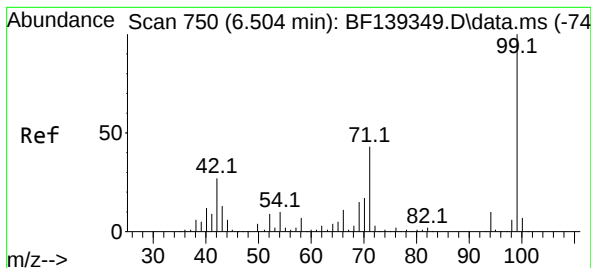
Tgt Ion:152 Resp: 51774
Ion Ratio Lower Upper
152 100
150 158.2 124.1 186.1
115 63.1 48.1 72.1



#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





#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

Instrument :

BNA_F

ClientSampleId :

PT-ACIDS-WP

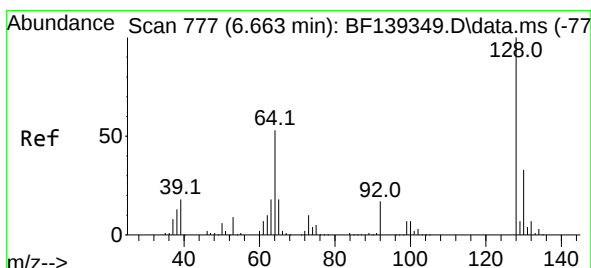
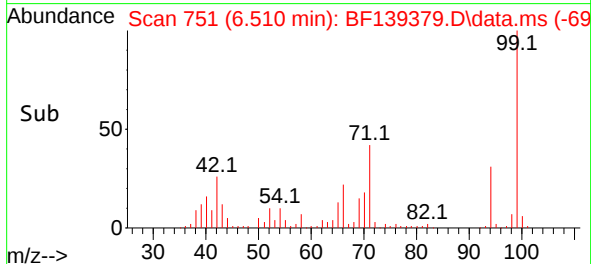
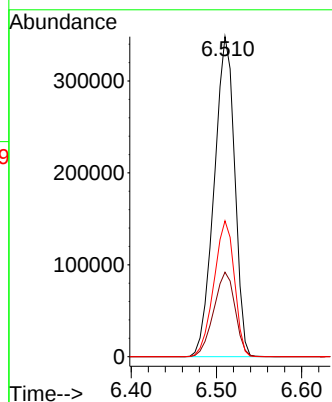
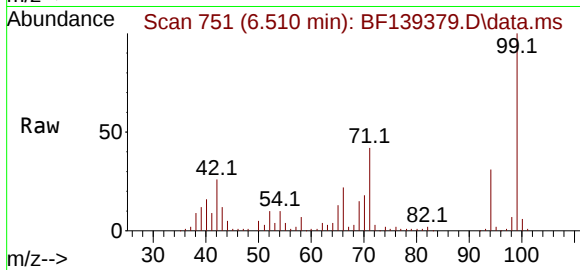
Tgt Ion: 99 Resp: 582835

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# 777

Delta R.T. -0.000 min

Lab File: BF139379.D

Acq: 16 Sep 2024 12:35

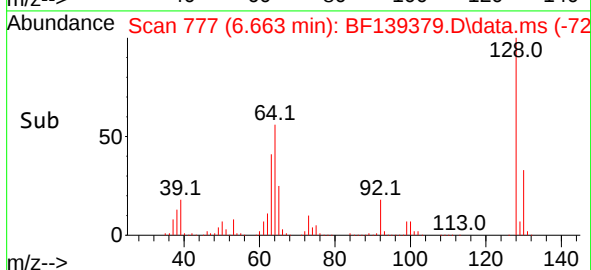
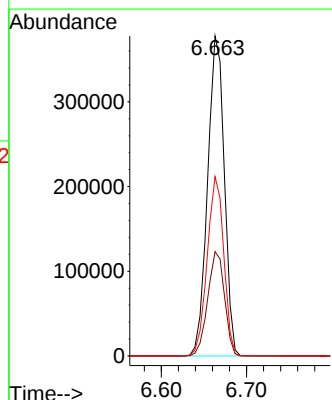
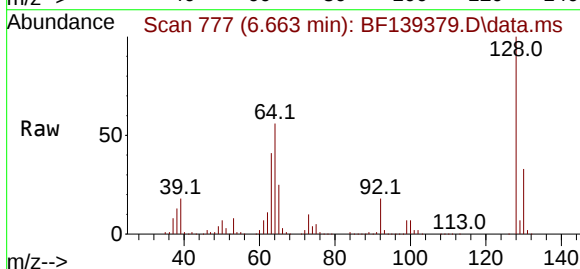
Tgt Ion:128 Resp: 514603

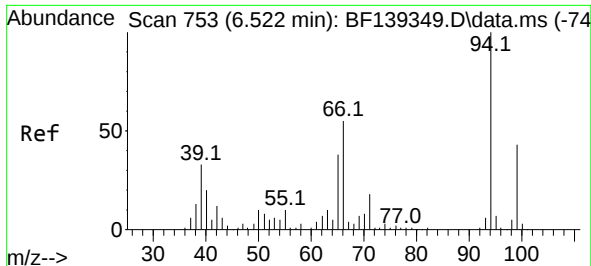
Ion Ratio Lower Upper

128 100

130 32.6 12.8 52.8

64 56.1 35.1 75.1





#10

Phenol

Concen: 127.122 ng

RT: 6.528 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF139379.D

Acq: 16 Sep 2024 12:35

Instrument :

BNA_F

ClientSampleId :

PT-ACIDS-WP

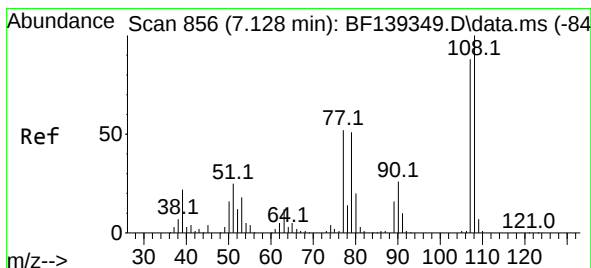
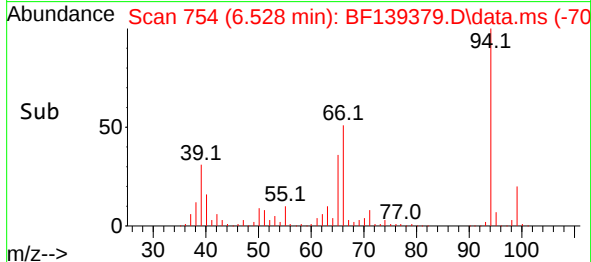
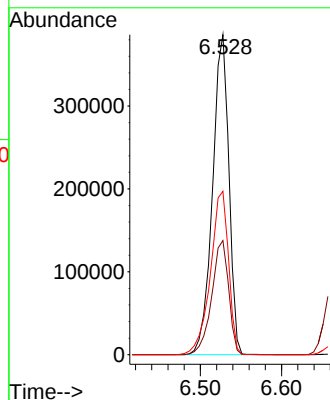
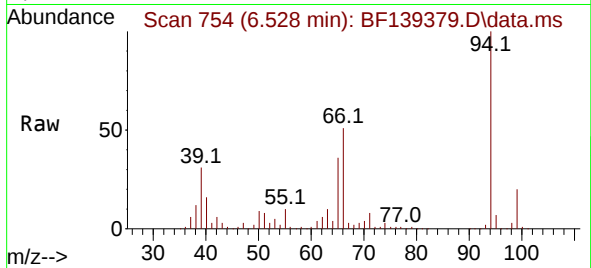
Tgt Ion: 94 Resp: 539339

Ion Ratio Lower Upper

94 100

65 35.7 17.6 57.6

66 51.1 35.2 75.2



#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

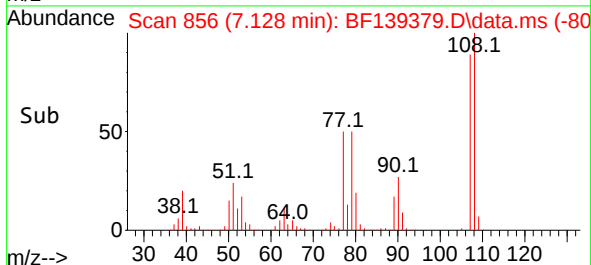
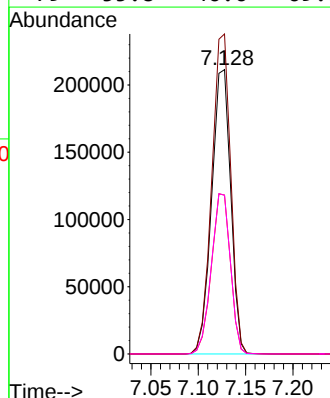
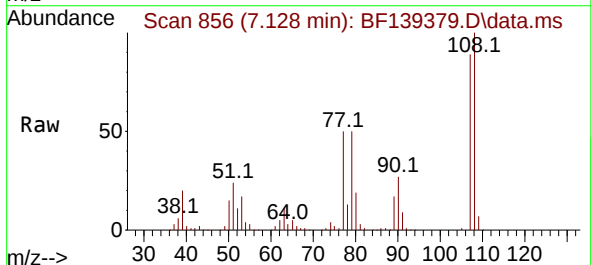
Ion Ratio Lower Upper

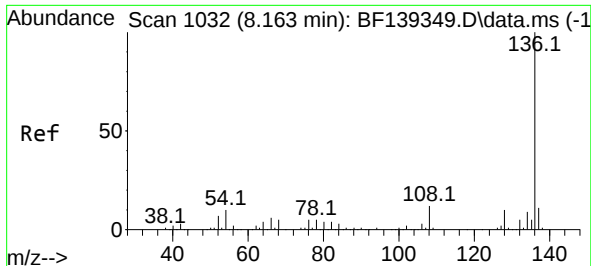
107 100

108 112.6 90.5 135.7

77 55.9 47.1 70.7

79 55.8 46.6 69.8





#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

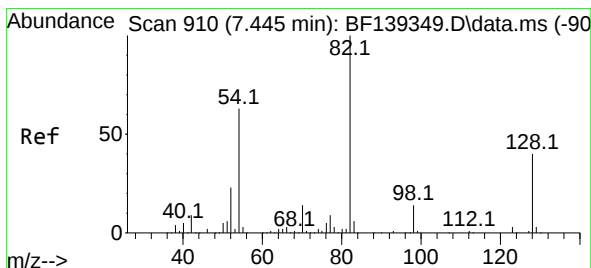
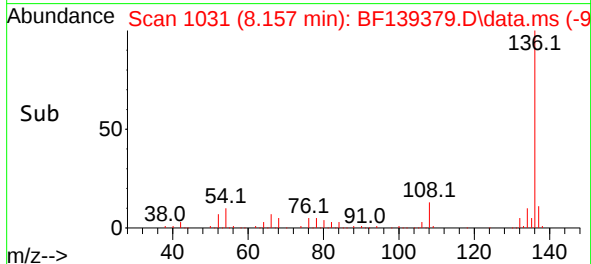
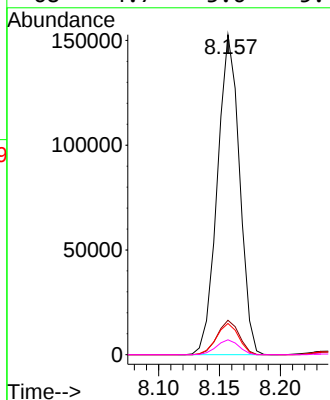
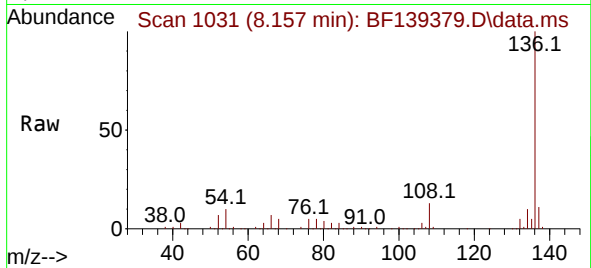
Instrument :

BNA_F

ClientSampleId :

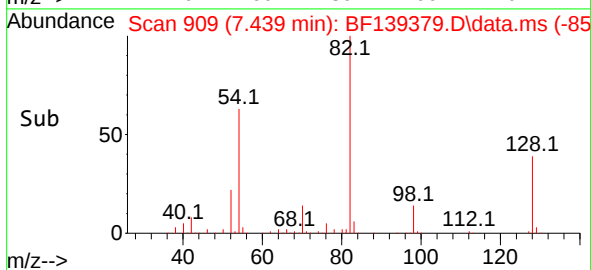
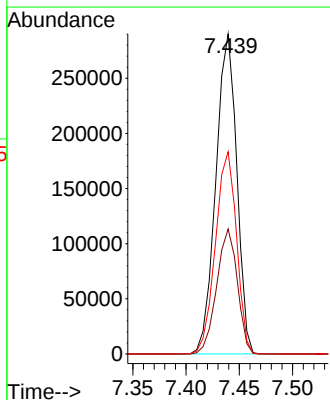
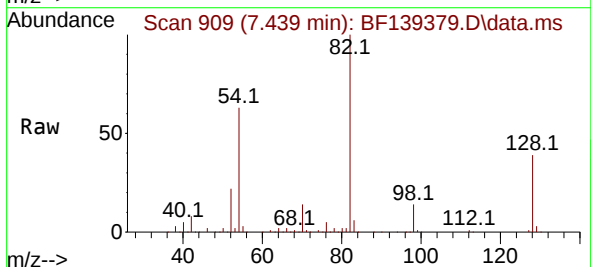
PT-ACIDS-WP

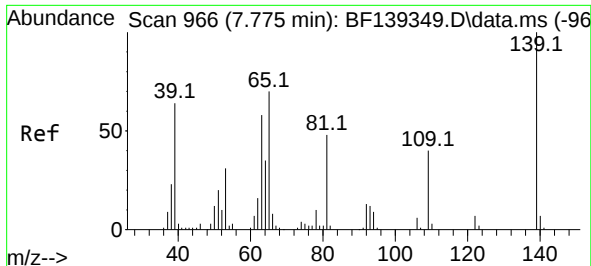
Tgt Ion:136 Resp: 193300
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 9.8 7.8 11.8
68 4.7 3.6 5.4



#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

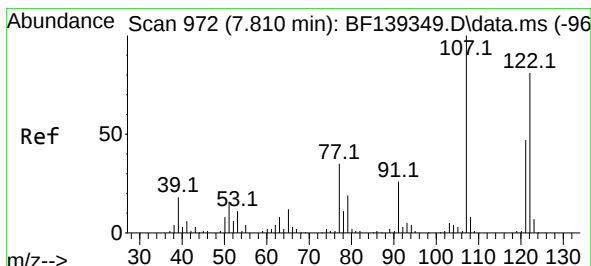
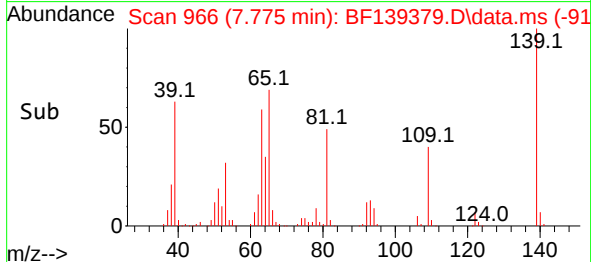
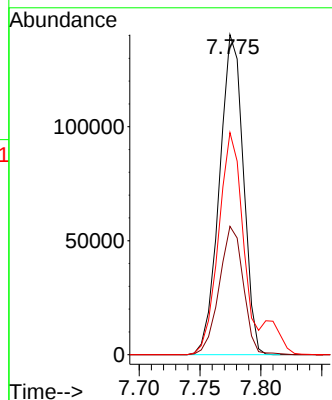
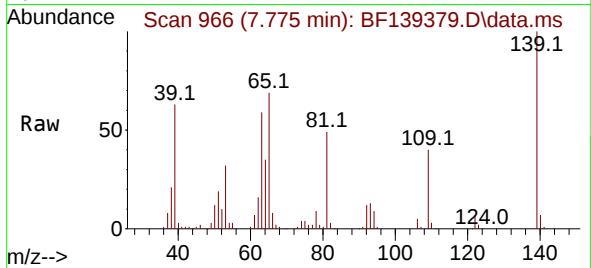




#26
2-Nitrophenol
Concen: 116.251 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF139379.D
Acq: 16 Sep 2024 12:35

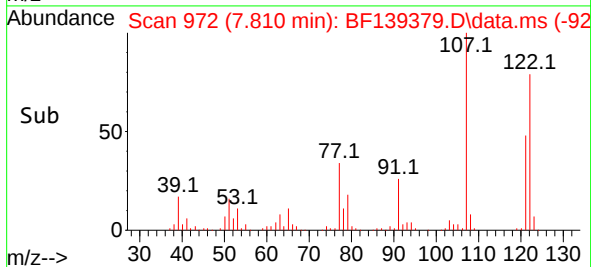
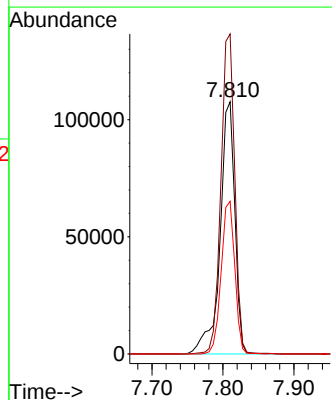
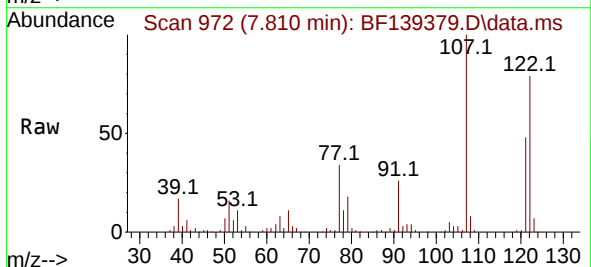
Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WP

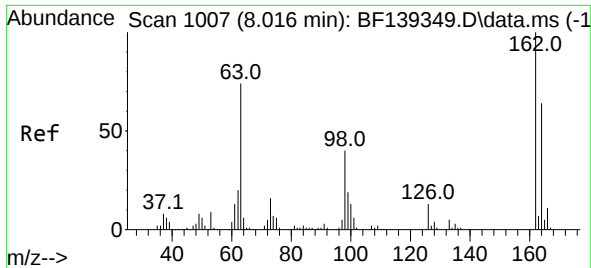
Tgt Ion:139 Resp: 191665
Ion Ratio Lower Upper
139 100
109 40.1 32.2 48.2
65 69.4 55.8 83.8



#27
2,4-Dimethylphenol
Concen: 71.542 ng
RT: 7.810 min Scan# 972
Delta R.T. -0.000 min
Lab File: BF139379.D
Acq: 16 Sep 2024 12:35

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# 1007

Delta R.T. -0.006 min

Lab File: BF139379.D

Acq: 16 Sep 2024 12:35

Instrument :

BNA_F

ClientSampleId :

PT-ACIDS-WP

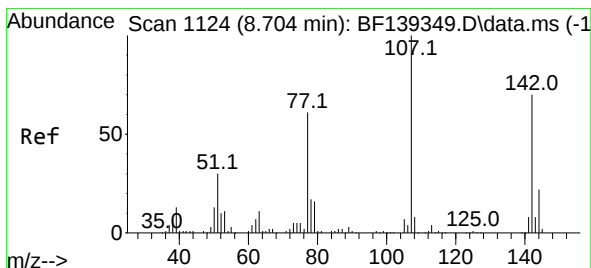
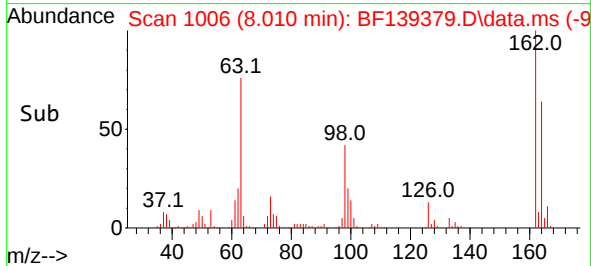
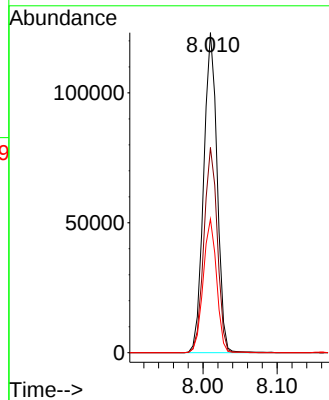
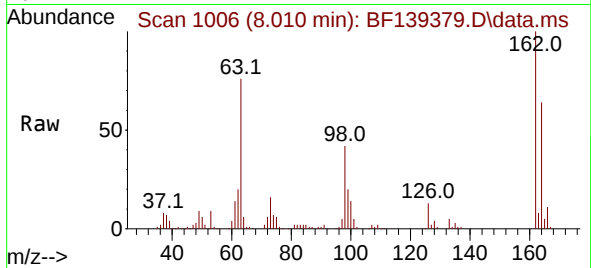
Tgt Ion:162 Resp: 155850

Ion Ratio Lower Upper

162 100

164 64.1 43.6 83.6

98 41.7 19.7 59.7



#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

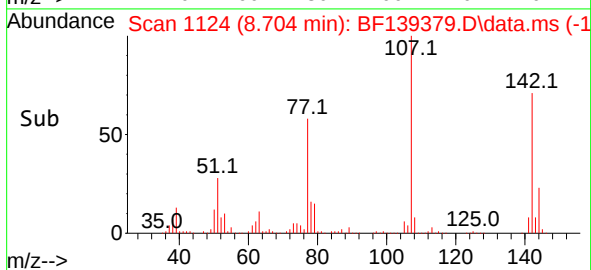
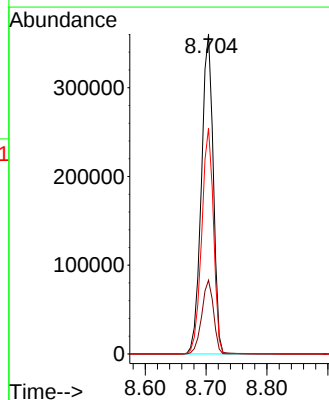
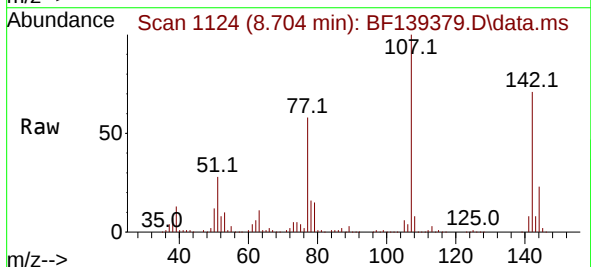
Tgt Ion:107 Resp: 489395

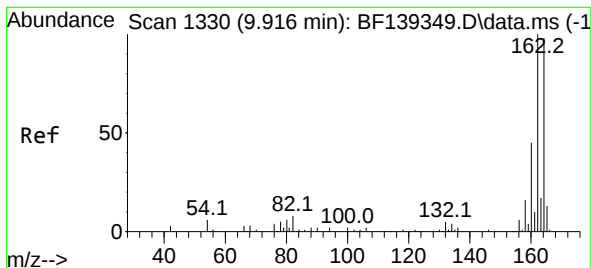
Ion Ratio Lower Upper

107 100

144 23.0 17.5 26.3

142 70.5 55.8 83.8





#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

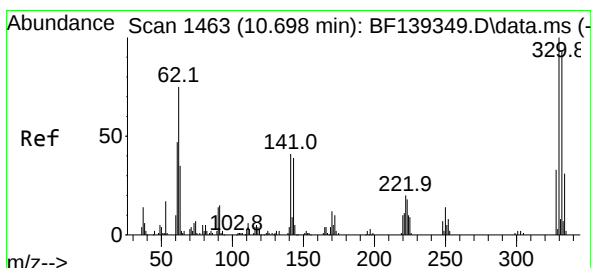
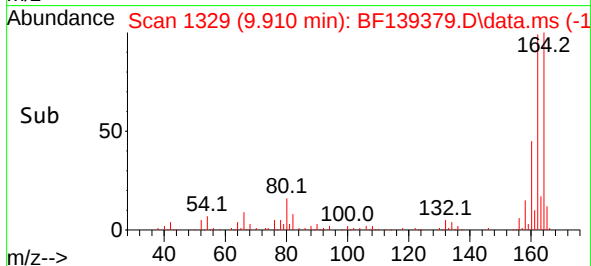
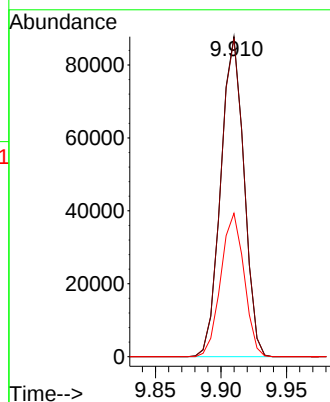
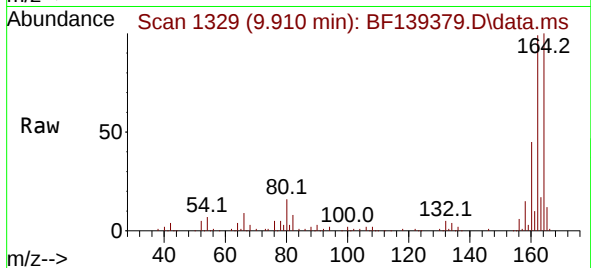
Tgt Ion:164 Resp: 107677

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

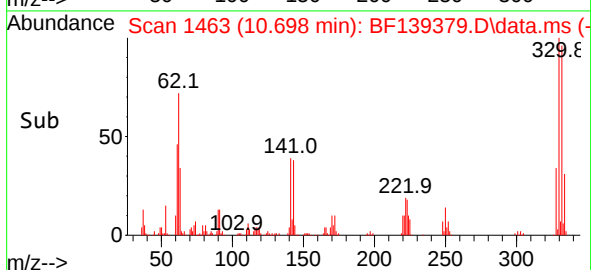
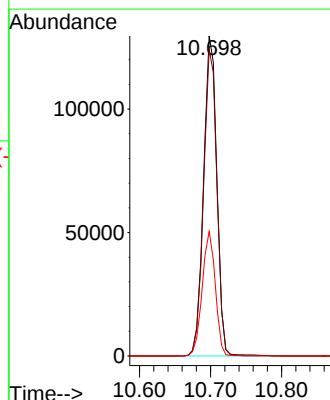
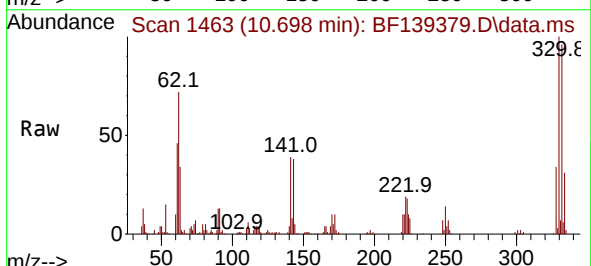
Tgt Ion:330 Resp: 169118

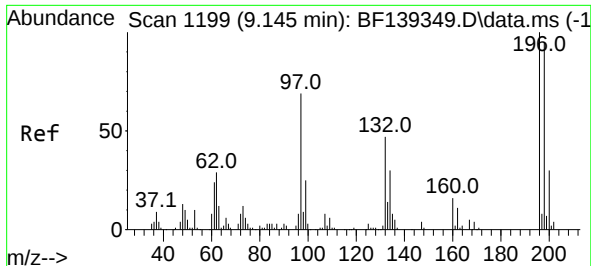
Ion Ratio Lower Upper

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

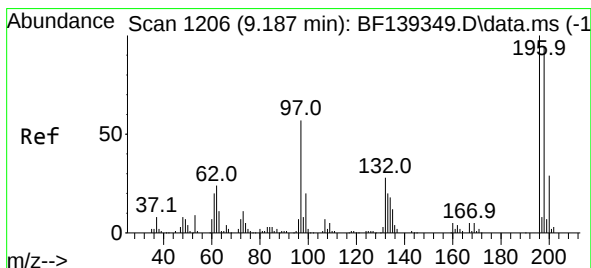
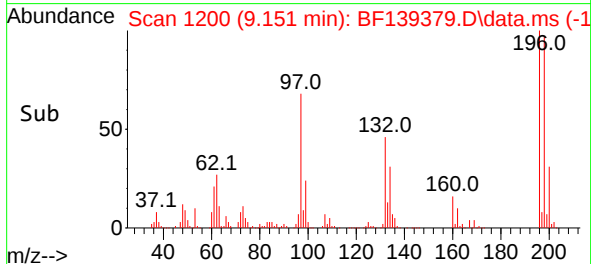
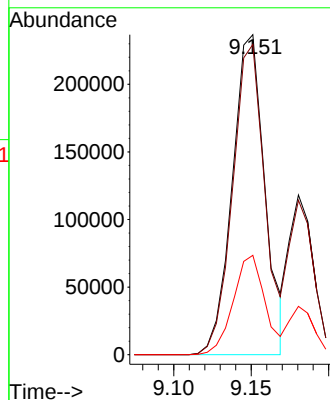
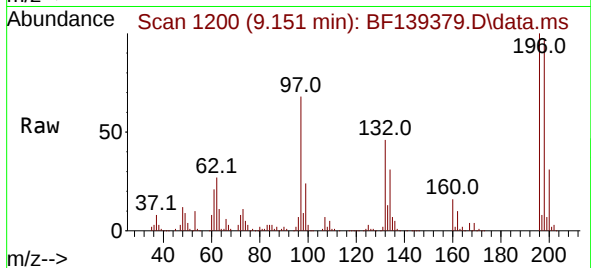
Tgt Ion:196 Resp: 345587

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

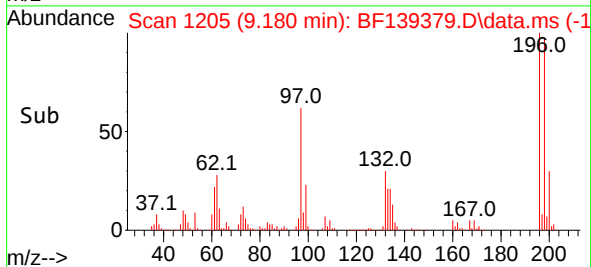
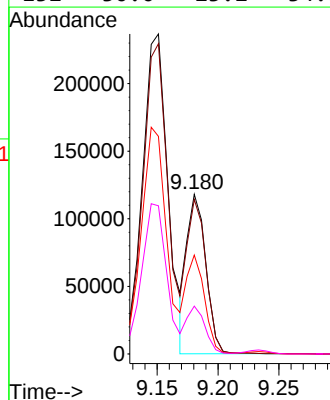
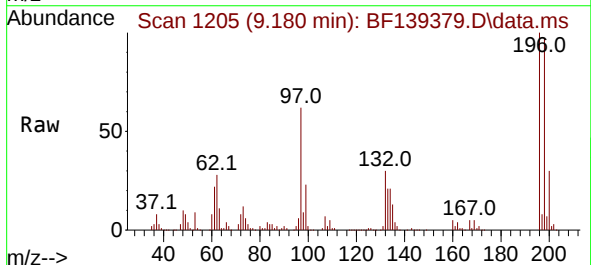
Ion Ratio Lower Upper

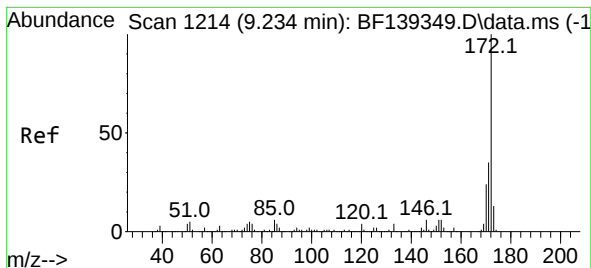
196 100

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# 1214

Delta R.T. -0.000 min

Lab File: BF139379.D

Acq: 16 Sep 2024 12:35

Instrument :

BNA_F

ClientSampleId :

PT-ACIDS-WP

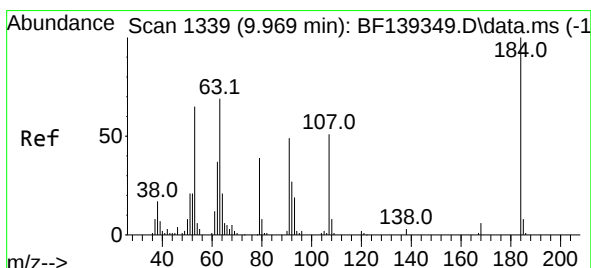
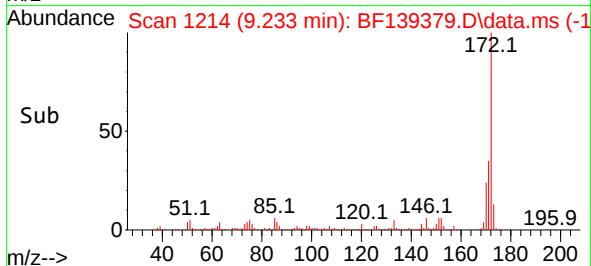
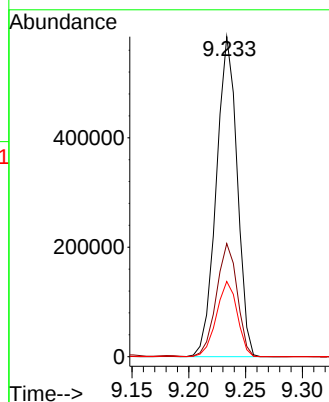
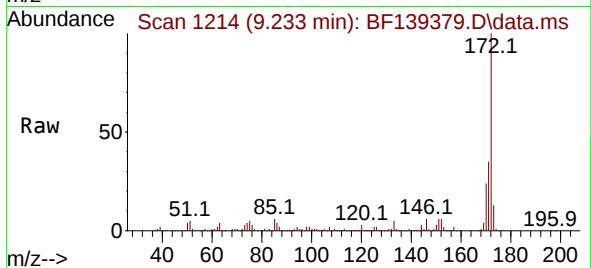
Tgt Ion:172 Resp: 747786

Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.5 19.0 28.6



#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

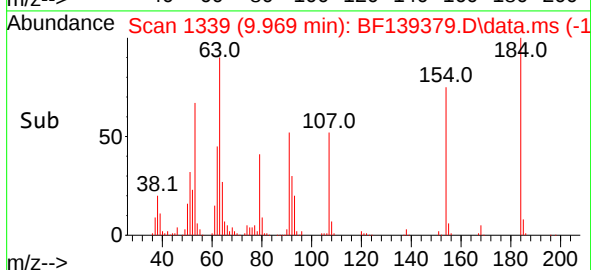
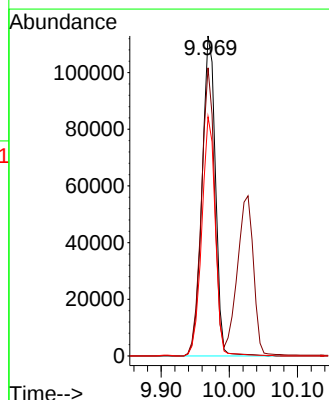
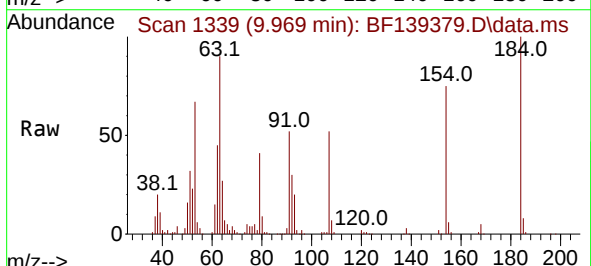
Tgt Ion:184 Resp: 154711

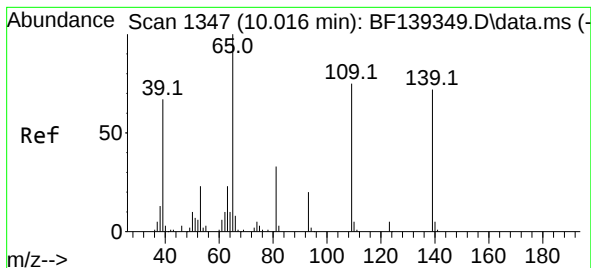
Ion Ratio Lower Upper

184 100

63 90.0 69.3 103.9

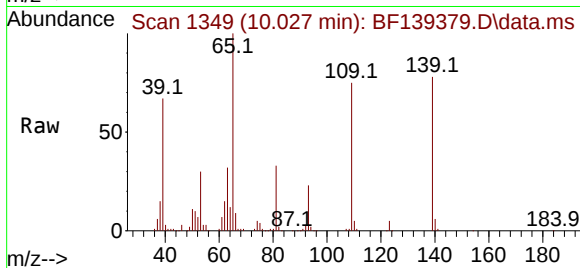
154 74.7 67.5 101.3



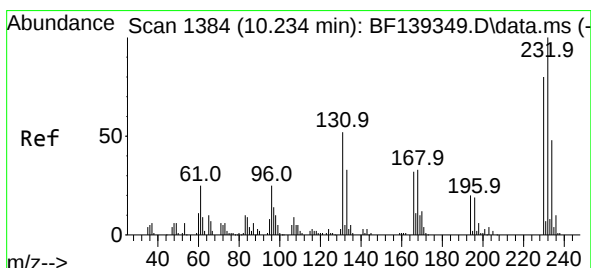
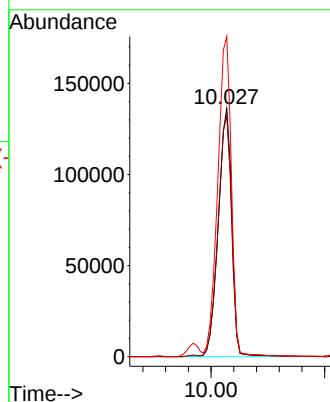
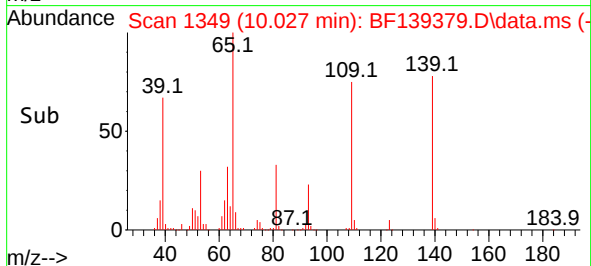


#56
4-Nitrophenol
Concen: 173.559 ng
RT: 10.027 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF139379.D
Acq: 16 Sep 2024 12:35

Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WP

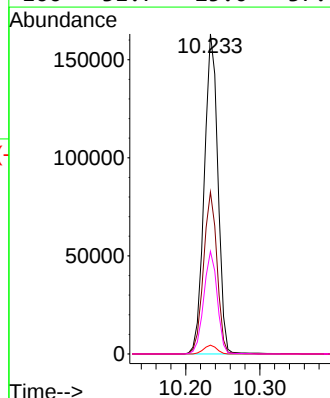
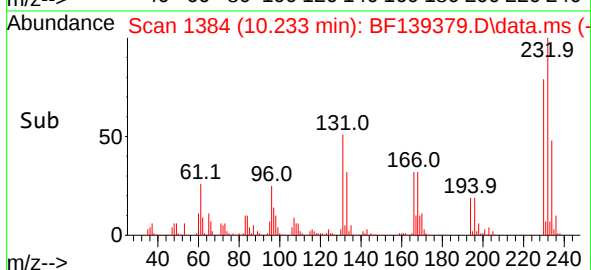
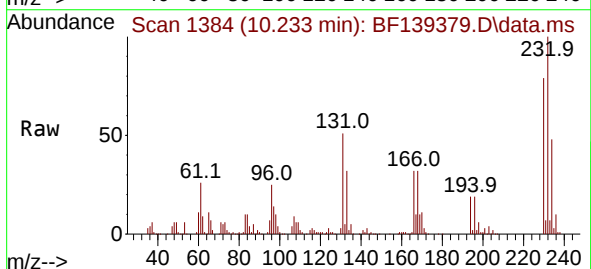


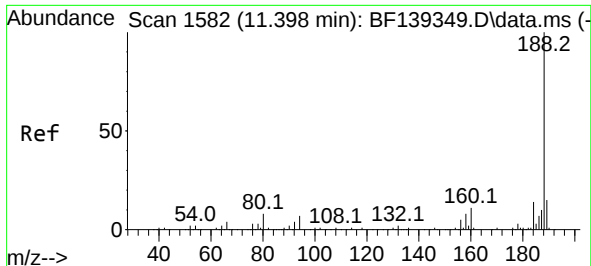
Tgt Ion:139 Resp: 224704
Ion Ratio Lower Upper
139 100
109 97.0 84.1 124.1
65 128.9 120.0 160.0



#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

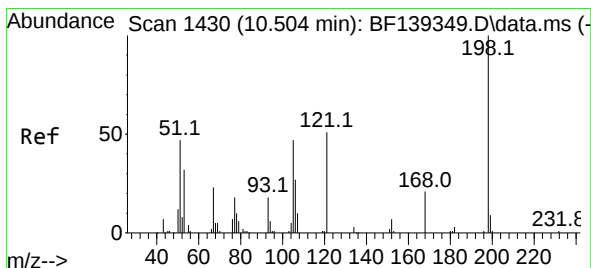
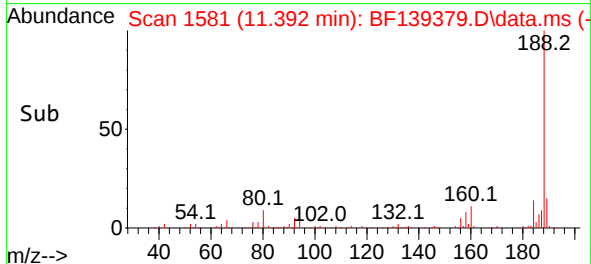
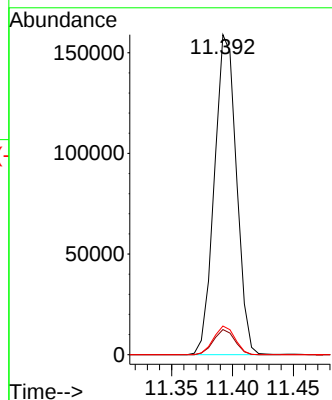
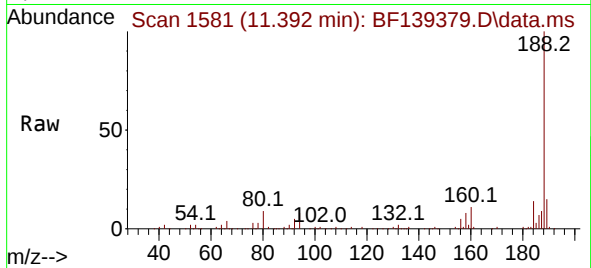




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139379.D
Acq: 16 Sep 2024 12:35

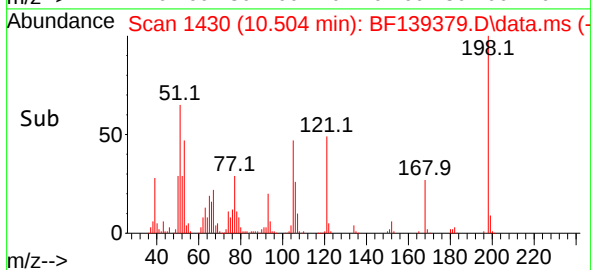
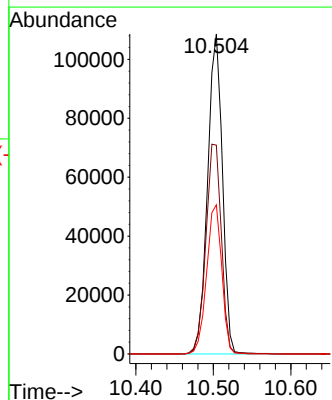
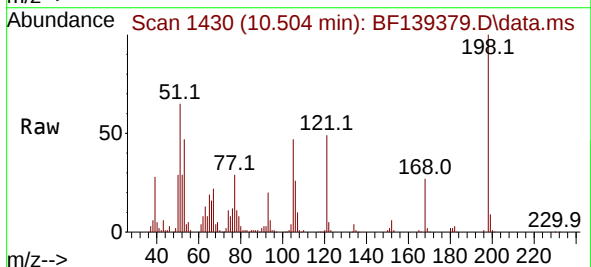
Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WP

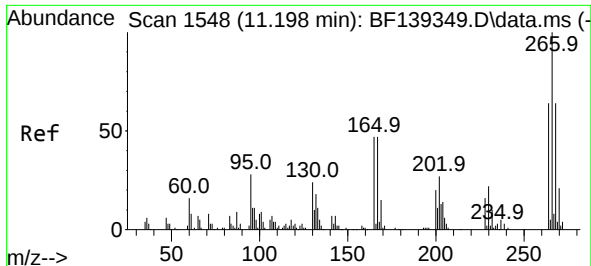
Tgt Ion:188 Resp: 200595
Ion Ratio Lower Upper
188 100
94 7.8 5.5 8.3
80 9.0 6.6 9.8



#65
4,6-Dinitro-2-methylphenol
Concen: 136.328 ng
RT: 10.504 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF139379.D
Acq: 16 Sep 2024 12:35

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

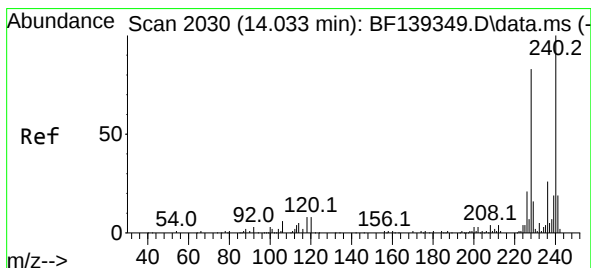
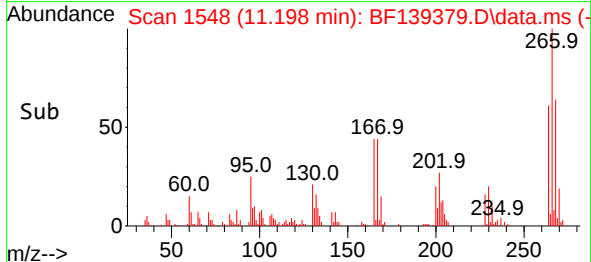
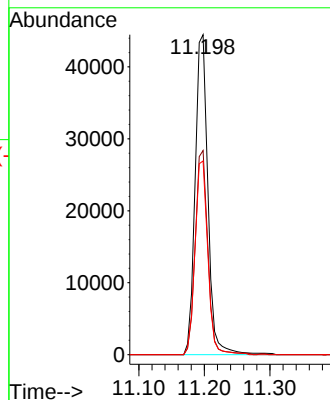
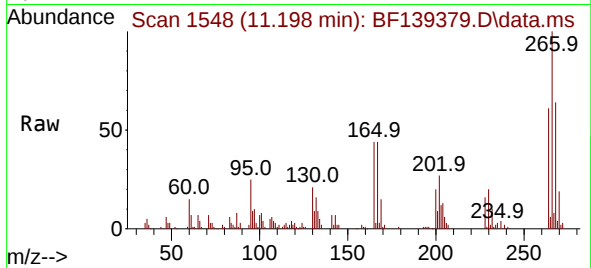




#70
 Pentachlorophenol
 Concen: 43.325 ng
 RT: 11.198 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF139379.D
 Acq: 16 Sep 2024 12:35

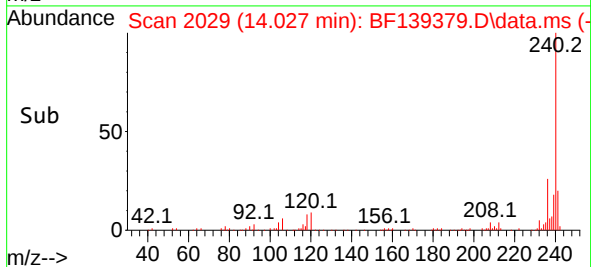
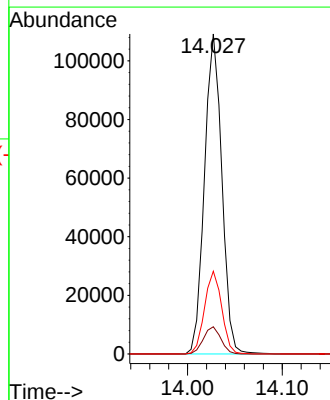
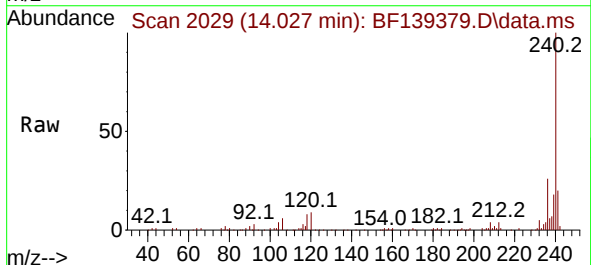
Instrument :
 BNA_F
 ClientSampleId :
 PT-ACIDS-WP

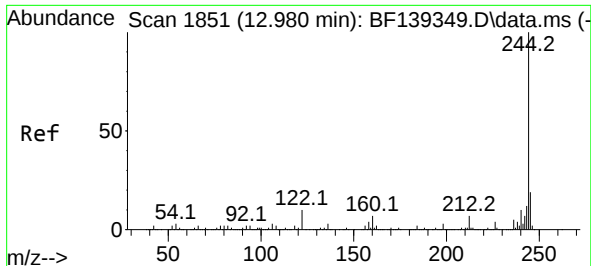
Tgt Ion:266 Resp: 60650
 Ion Ratio Lower Upper
 266 100
 268 63.8 51.1 76.7
 264 60.6 51.4 77.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.027 min Scan# 2029
 Delta R.T. -0.006 min
 Lab File: BF139379.D
 Acq: 16 Sep 2024 12:35

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

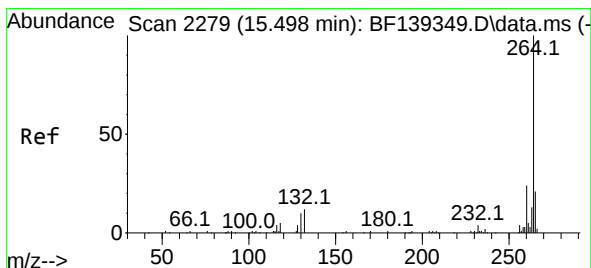
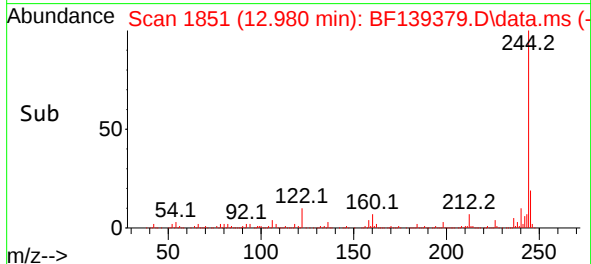
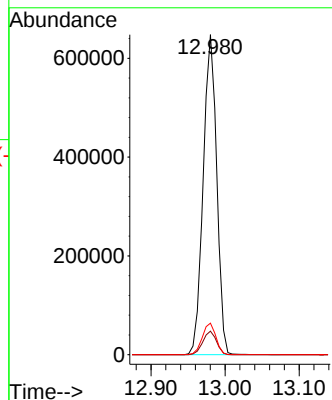
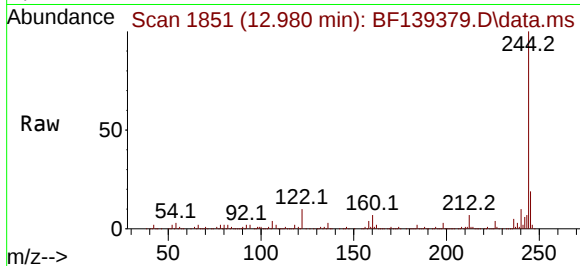




#79
 Terphenyl-d14
 Concen: 97.320 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.000 min
 Lab File: BF139379.D
 Acq: 16 Sep 2024 12:35

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

