

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092123\
 Data File : BF135386.D
 Acq On : 21 Sep 2023 18:13
 Operator : CG\JU
 Sample : 04499-01 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-20001

Quant Time: Sep 21 20:32:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	112724	20.000	ng	0.00
21) Naphthalene-d8	8.040	136	298533	20.000	ng	# 0.00
39) Acenaphthene-d10	9.845	164	61054	20.000	ng	0.04
64) Phenanthrene-d10	11.398	188	58307	20.000	ng	# 0.11
76) Chrysene-d12	14.027	240	82738	20.000	ng	# 0.08
86) Perylene-d12	15.468	264	129497	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	66461	9.589	ng	0.00
7) Phenol-d6	6.398	99	122730	13.926	ng	0.00
23) Nitrobenzene-d5	7.316	82	90810	16.526	ng	-0.02
42) 2,4,6-Tribromophenol	10.663	330	15358	25.313	ng	0.06
45) 2-Fluorobiphenyl	9.134	172	150247	37.128	ng	0.00
79) Terphenyl-d14	12.986	244	64264	12.041	ng	0.09
Target Compounds						
						Qvalue
18) Hexachloroethane	7.287	117	6951	2.459	ng	# 1
22) Acetophenone	7.151	105	14199	2.080	ng	# 29
25) Isophorone	7.563	82	41187	4.082	ng	# 1
26) 2-Nitrophenol	7.657	139	5290	2.029	ng	# 1
27) 2,4-Dimethylphenol	7.692	122	24854	5.673	ng	# 5
30) 1,2,4-Trichlorobenzene	7.981	180	73918	17.419	ng	99
31) Naphthalene	8.063	128	34129	2.353	ng	# 77
32) Benzoic acid	7.828	122	13422	4.068	ng	# 29
35) Caprolactam	8.487	113	61768	45.332	ng	# 1
36) 4-Chloro-3-methylphenol	8.587	107	19185	4.252	ng	# 23
37) 2-Methylnaphthalene	8.763	142	150136	15.398	ng	100
38) 1-Methylnaphthalene	8.863	142	86698	9.498	ng	89
46) 1,1'-Biphenyl	9.245	154	32964	7.026	ng	# 61
48) 2-Nitroaniline	9.363	65	15289	11.560	ng	# 58
49) Acenaphthylene	9.728	152	50747	8.970	ng	# 1
50) Dimethylphthalate	9.639	163	119124	28.858	ng	# 34
51) 2,6-Dinitrotoluene	9.628	165	76634	84.746	ng	# 37
53) 3-Nitroaniline	9.798	138	79031	74.454	ng	# 25
54) 2,4-Dinitrophenol	9.810	184	1742	9.376	ng	# 1
55) Dibenzofuran	10.051	168	22806	4.472	ng	# 1
56) 4-Nitrophenol	9.957	139	2197	3.257	ng	# 1
57) 2,4-Dinitrotoluene	10.069	165	14300	12.632	ng	# 51
58) Fluorene	10.363	166	26735	6.819	ng	# 1
60) Diethylphthalate	10.310	149	19961	4.818	ng	# 3
61) 4-Chlorophenyl-phenyle...	10.428	204	18335	9.735	ng	# 1
62) 4-Nitroaniline	10.298	138	45031	44.134	ng	92
63) Azobenzene	10.592	77	20593	5.079	ng	# 41
65) 4,6-Dinitro-2-methylph...	10.551	198	11543	37.273	ng	# 1
66) n-Nitrosodiphenylamine	10.533	169	113637	64.375	ng	# 53
67) 4-Bromophenyl-phenylether	10.933	248	1615	2.785	ng	# 1
69) Atrazine	11.110	200	1119	2.356	ng	# 1
70) Pentachlorophenol	11.251	266	12347	34.931	ng	# 22
71) Phenanthrene	11.422	178	107852	39.110	ng	# 9
74) Di-n-butylphthalate	11.969	149	60890	20.026	ng	# 28
75) Fluoranthene	12.627	202	31115	10.828	ng	# 11
77) Benzidine	12.698	184	18789	11.085	ng	# 1

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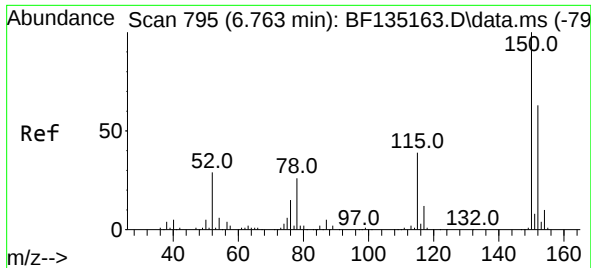
Quant Time: Sep 21 20:32:16 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) Benzo(a)anthracene	14.016	228	10948	2.049	ng	# 15
83) Chrysene	14.057	228	18047	3.398	ng	# 37
85) Di-n-octyl phthalate	14.616	149	15937	3.524	ng	# 68
88) Benzo(b)fluoranthene	15.045	252	29600	4.222	ng	# 1
89) Benzo(k)fluoranthene	15.045	252	29600	4.275	ng	# 1

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

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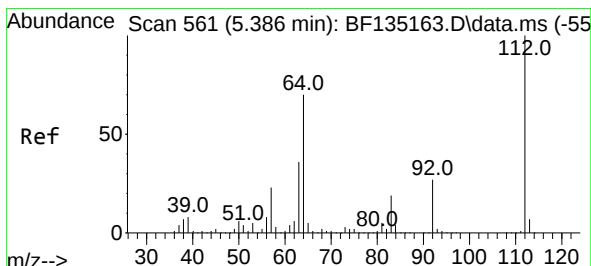
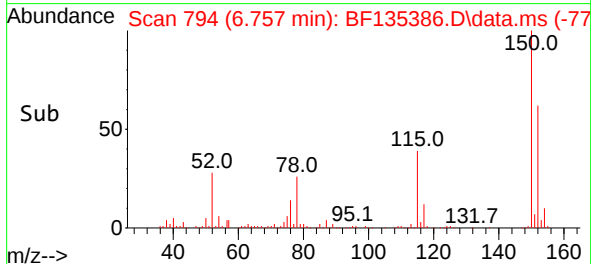
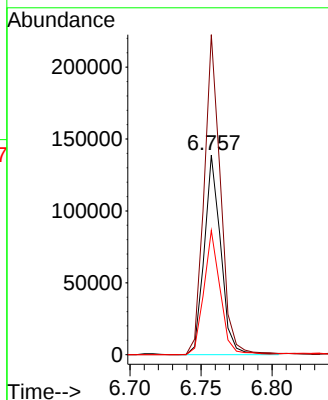
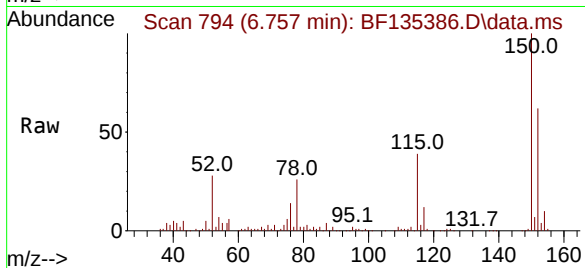




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135386.D
Acq: 21 Sep 2023 18:13

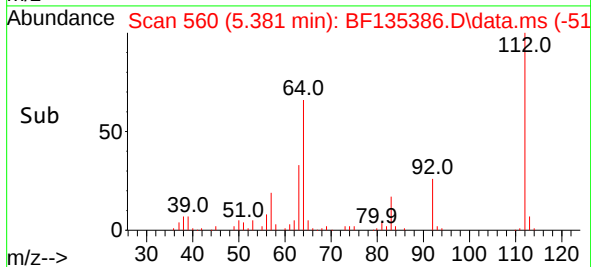
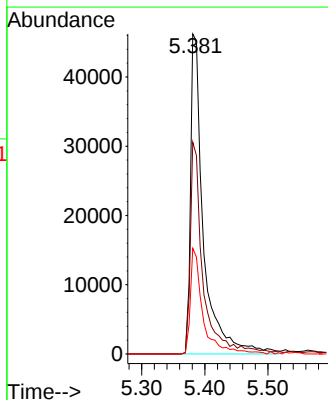
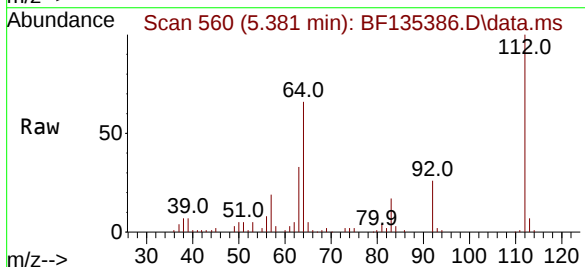
Instrument :
BNA_F
ClientSampleId :
CHRT-20001

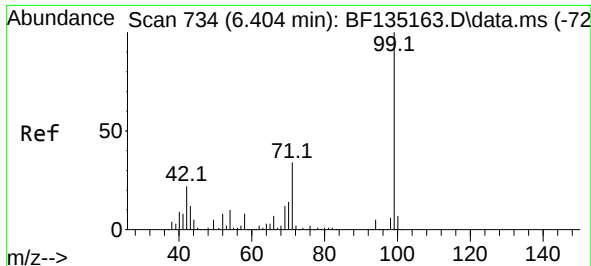
Tgt Ion:152 Resp: 112724
Ion Ratio Lower Upper
152 100
150 160.4 127.8 191.6
115 62.2 49.8 74.8



#5
2-Fluorophenol
Concen: 9.589 ng
RT: 5.381 min Scan# 560
Delta R.T. -0.006 min
Lab File: BF135386.D
Acq: 21 Sep 2023 18:13

Tgt Ion:112 Resp: 66461
Ion Ratio Lower Upper
112 100
64 66.2 55.9 83.9
63 33.0 29.0 43.6

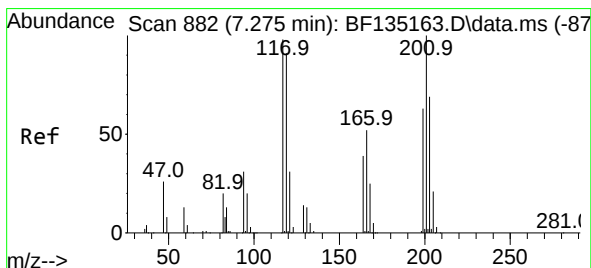
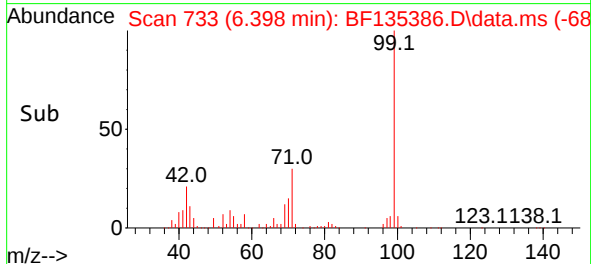
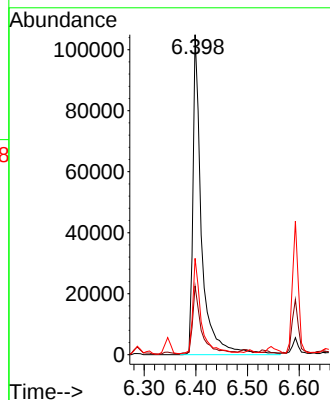
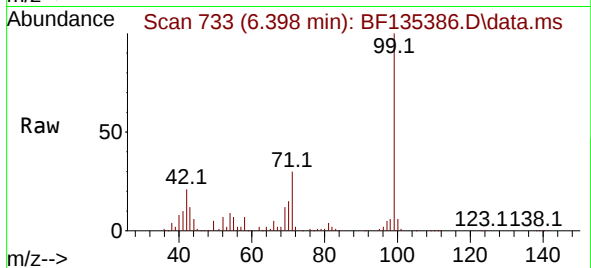




#7
Phenol-d6
Concen: 13.926 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135386.D
Acq: 21 Sep 2023 18:13

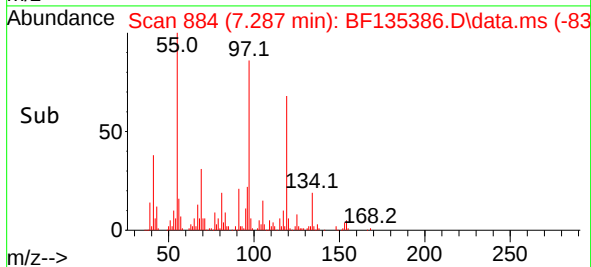
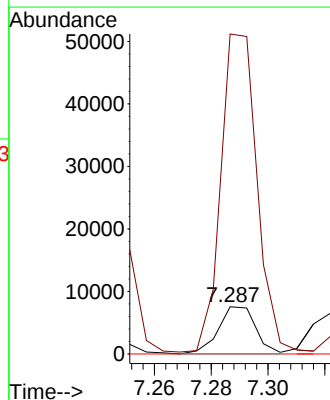
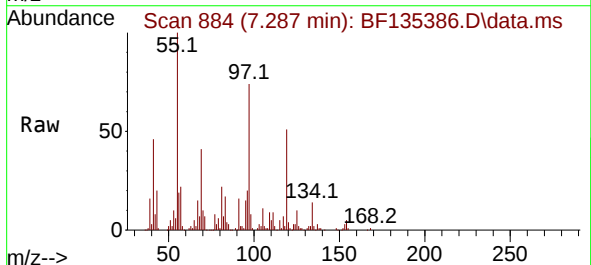
Instrument :
BNA_F
ClientSampleId :
CHRT-20001

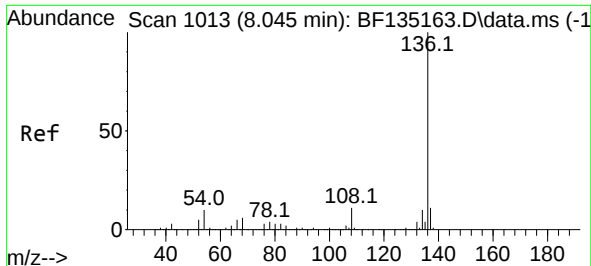
Tgt Ion: 99 Resp: 122730
Ion Ratio Lower Upper
99 100
42 21.5 17.9 26.9
71 30.1 27.0 40.6



#18
Hexachloroethane
Concen: 2.459 ng
RT: 7.287 min Scan# 884
Delta R.T. 0.012 min
Lab File: BF135386.D
Acq: 21 Sep 2023 18:13

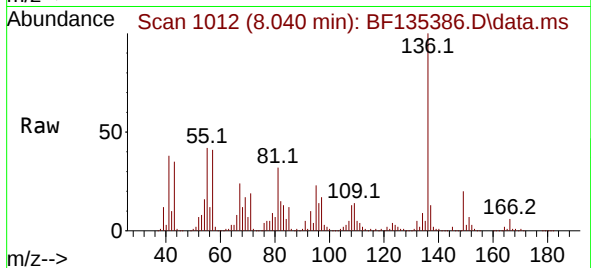
Tgt Ion: 117 Resp: 6951
Ion Ratio Lower Upper
117 100
119 677.4 74.7 112.1#
201 0.0 81.8 122.8#



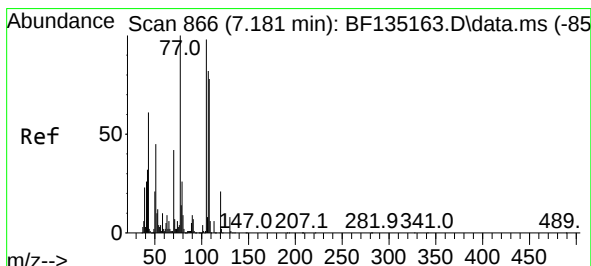
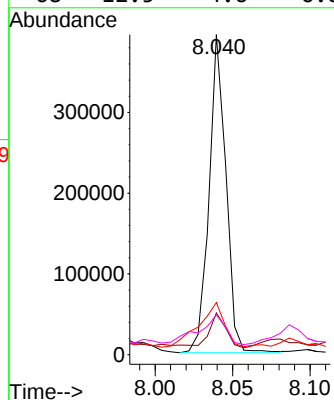
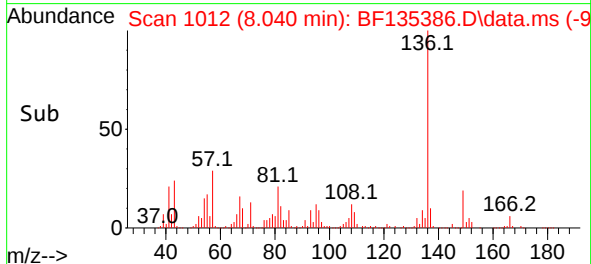


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.040 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135386.D
Acq: 21 Sep 2023 18:13

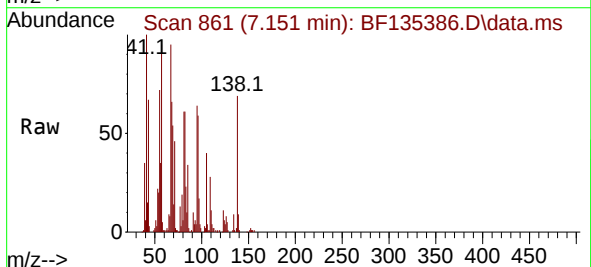
Instrument :
BNA_F
ClientSampleId :
CHRT-20001



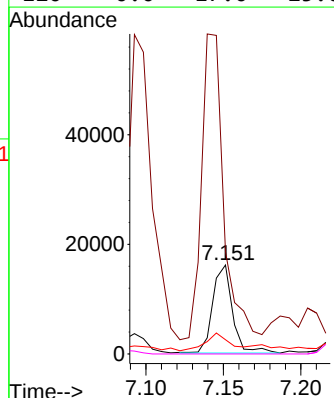
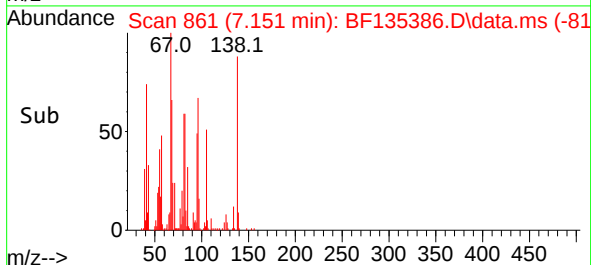
Tgt Ion:136 Resp: 298533
Ion Ratio Lower Upper
136 100
137 13.1 8.8 13.2
54 16.3 7.7 11.5#
68 12.5 4.6 6.8#

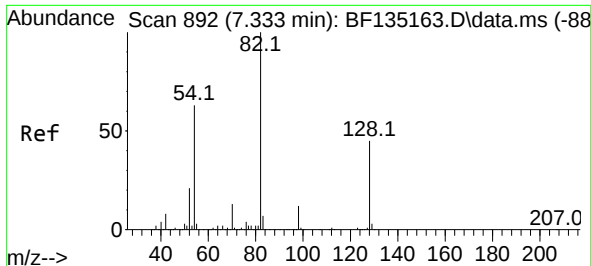


#22
Acetophenone
Concen: 2.080 ng
RT: 7.151 min Scan# 861
Delta R.T. -0.029 min
Lab File: BF135386.D
Acq: 21 Sep 2023 18:13



Tgt Ion:105 Resp: 14199
Ion Ratio Lower Upper
105 100
71 114.8 5.8 8.6#
51 16.0 37.0 55.4#
120 0.0 17.0 25.6#





#23

Nitrobenzene-d5

Concen: 16.526 ng

RT: 7.316 min Scan# 892

Delta R.T. -0.017 min

Lab File: BF135386.D

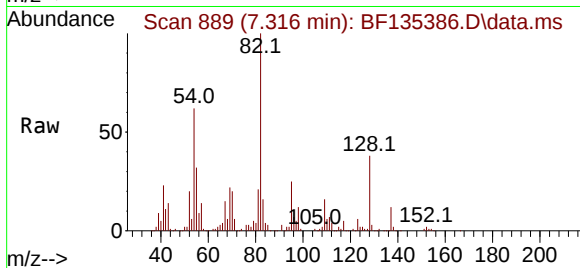
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Instrument :

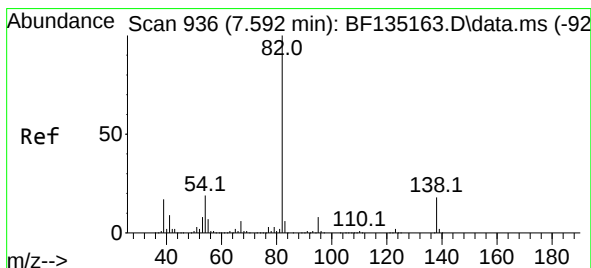
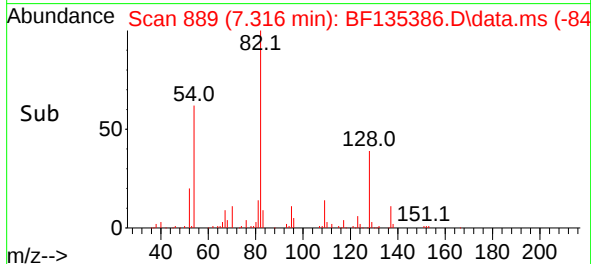
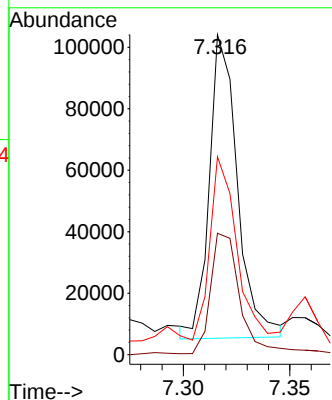
BNA_F

ClientSampleId :

CHRT-20001



Tgt Ion:	82	Resp:	90810
Ion Ratio	Lower	Upper	
82	100		
128	37.9	35.8	53.6
54	61.9	50.6	76.0



#25

Isophorone

Concen: 4.082 ng

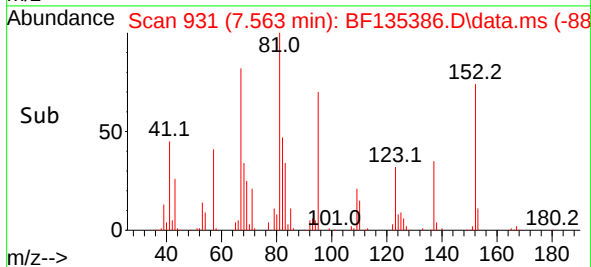
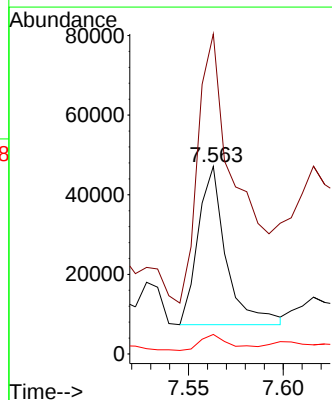
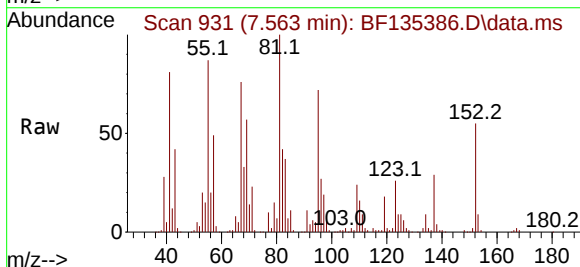
RT: 7.563 min Scan# 931

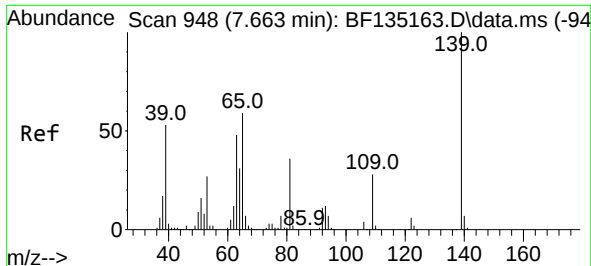
Delta R.T. -0.029 min

Lab File: BF135386.D

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Tgt Ion:	82	Resp:	41187
Ion Ratio	Lower	Upper	
82	100		
95	170.7	6.0	9.0#
138	10.4	14.5	21.7#

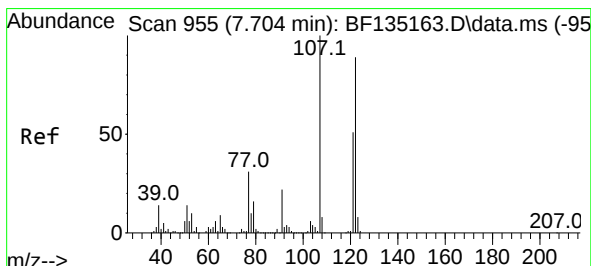
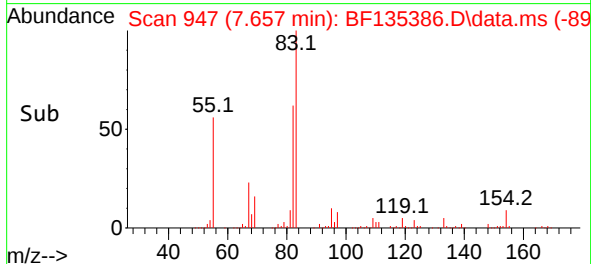
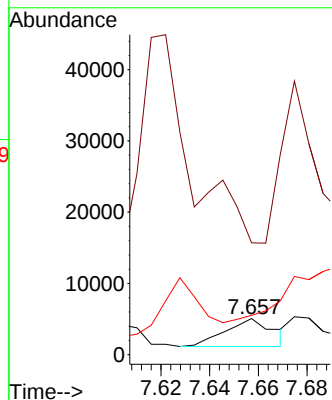
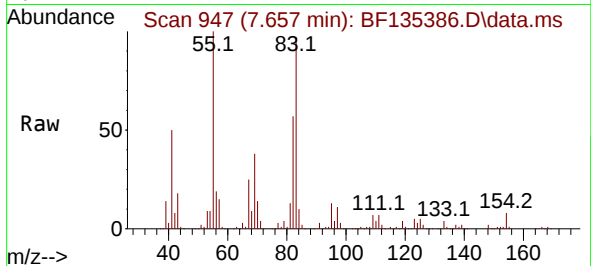




#26
2-Nitrophenol
Concen: 2.029 ng
RT: 7.657 min Scan# 948
Delta R.T. -0.006 min
Lab File: BF135386.D
Acq: 21 Sep 2023 18:13

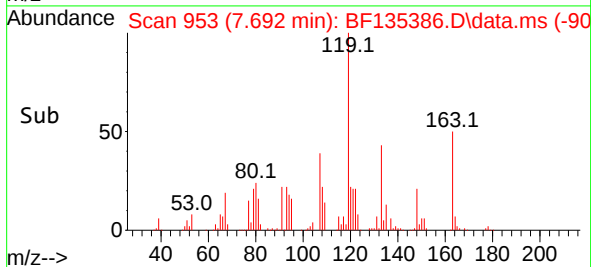
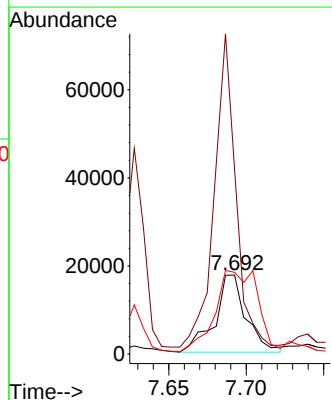
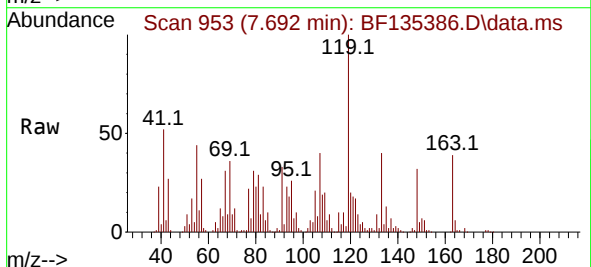
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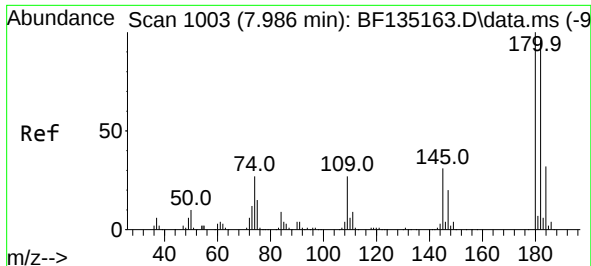
Tgt Ion:139 Resp: 5290
Ion Ratio Lower Upper
139 100
109 310.0 22.6 33.8#
65 108.9 47.0 70.4#



#27
2,4-Dimethylphenol
Concen: 5.673 ng
RT: 7.692 min Scan# 953
Delta R.T. -0.012 min
Lab File: BF135386.D
Acq: 21 Sep 2023 18:13

Tgt Ion:122 Resp: 24854
Ion Ratio Lower Upper
122 100
107 233.8 90.2 135.4#
121 103.6 46.3 69.5#





#30

1,2,4-Trichlorobenzene

Concen: 17.419 ng

RT: 7.981 min Scan# 1002

Delta R.T. -0.006 min

Lab File: BF135386.D

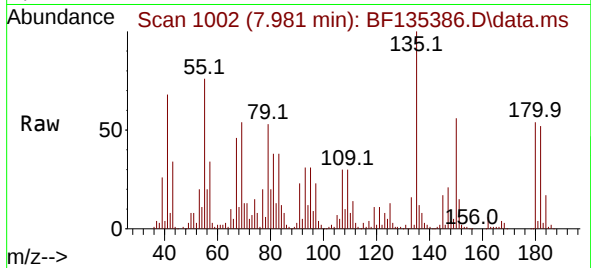
Acq: 21 Sep 2023 18:13

Instrument :

BNA_F

ClientSampleId :

CHRT-20001



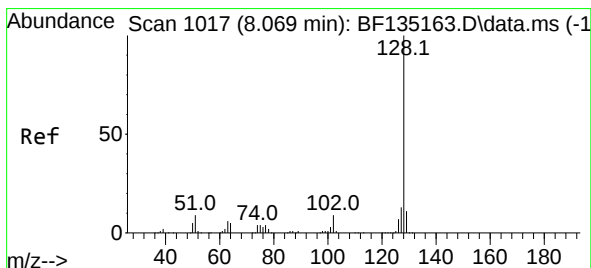
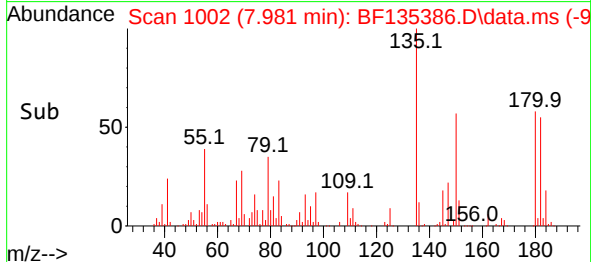
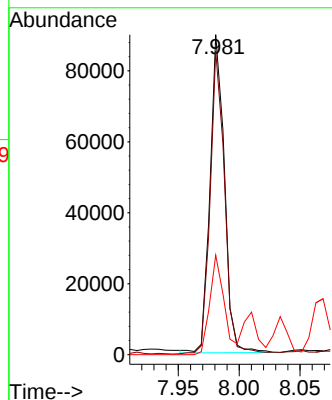
Tgt Ion:180 Resp: 73918

Ion Ratio Lower Upper

180 100

182 94.9 76.9 115.3

145 31.1 24.5 36.7



#31

Naphthalene

Concen: 2.353 ng

RT: 8.063 min Scan# 1016

Delta R.T. -0.006 min

Lab File: BF135386.D

Acq: 21 Sep 2023 18:13

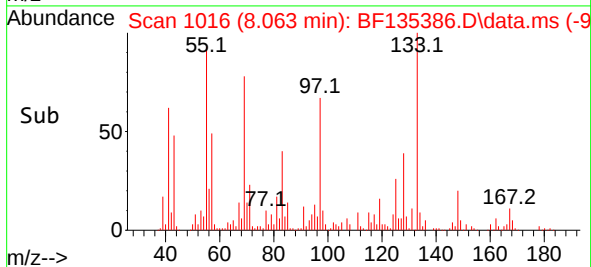
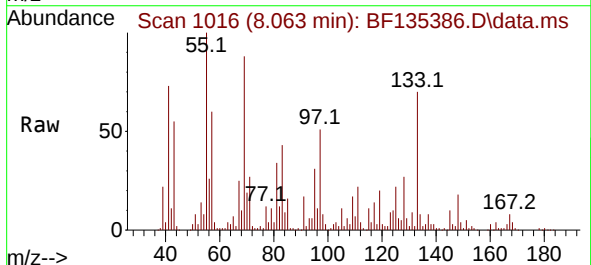
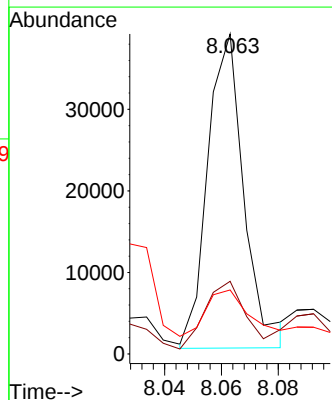
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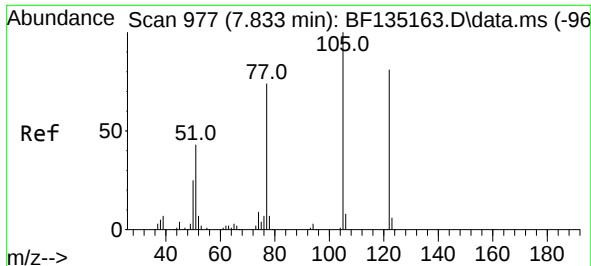
Ion Ratio Lower Upper

128 100

129 22.7 8.7 13.1#

127 20.0 10.7 16.1#

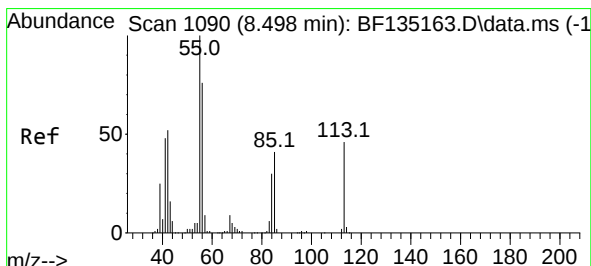
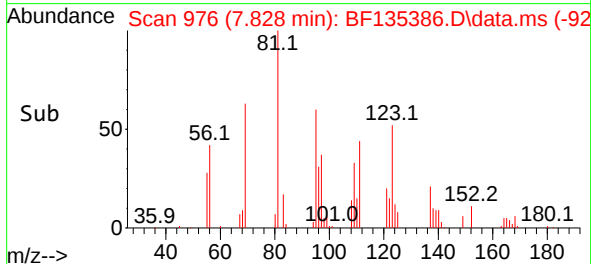
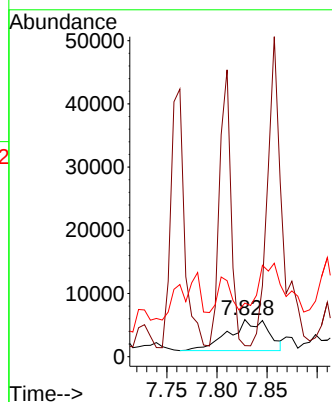
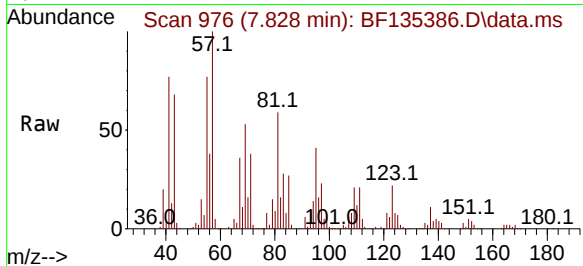




#32
Benzoic acid
Concen: 4.068 ng
RT: 7.828 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF135386.D
Acq: 21 Sep 2023 18:13

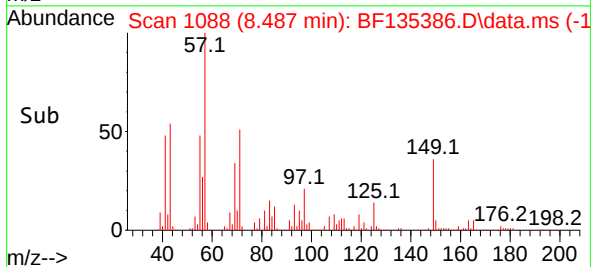
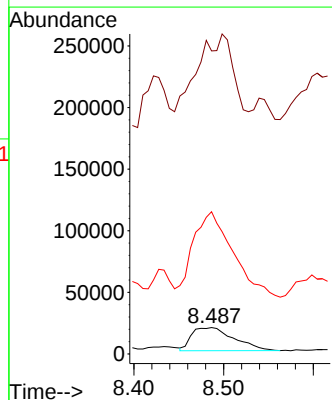
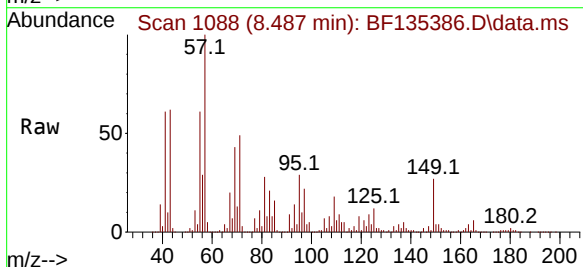
Instrument :
BNA_F
ClientSampleId :
CHRT-20001

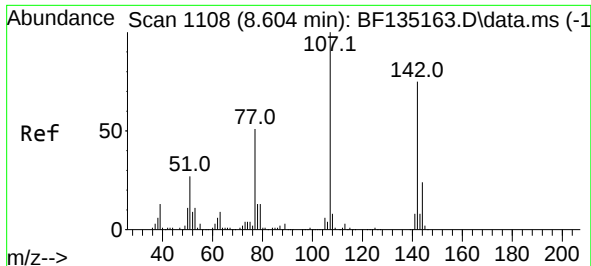
Tgt Ion:122 Resp: 13422
Ion Ratio Lower Upper
122 100
105 29.8 99.9 139.9#
77 144.7 70.0 110.0#



#35
Caprolactam
Concen: 45.332 ng
RT: 8.487 min Scan# 1088
Delta R.T. -0.012 min
Lab File: BF135386.D
Acq: 21 Sep 2023 18:13

Tgt Ion:113 Resp: 61768
Ion Ratio Lower Upper
113 100
55 1149.4 199.3 239.3#
56 539.9 146.3 186.3#

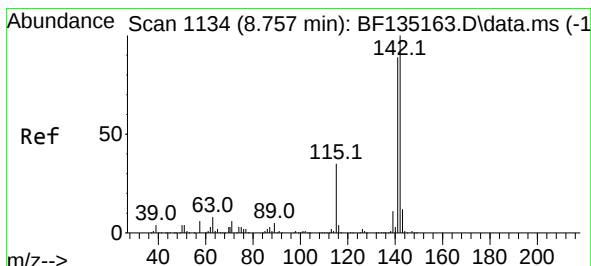
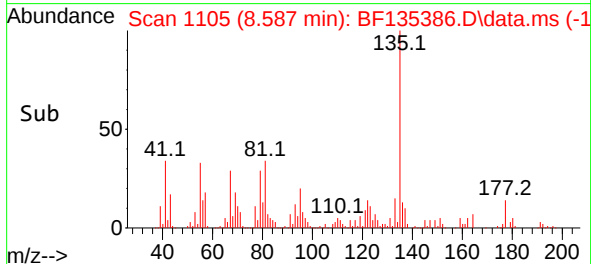
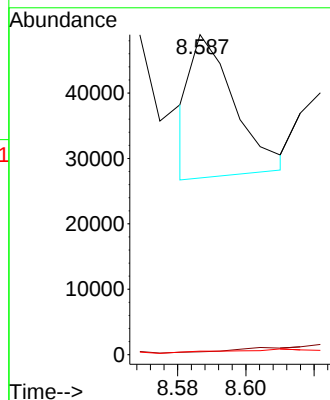
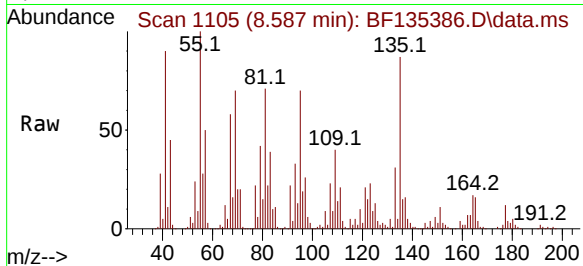




#36
4-Chloro-3-methylphenol
Concen: 4.252 ng
RT: 8.587 min Scan# 1108
Delta R.T. -0.017 min
Lab File: BF135386.D
Acq: 21 Sep 2023 18:13

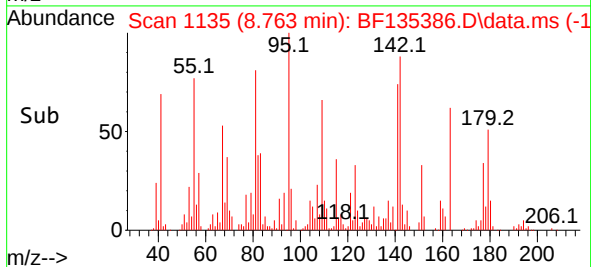
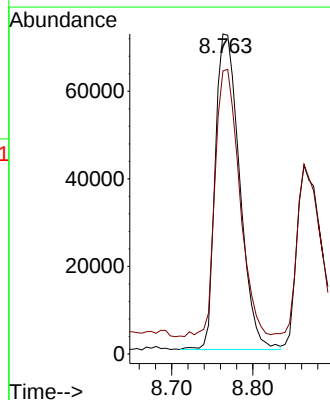
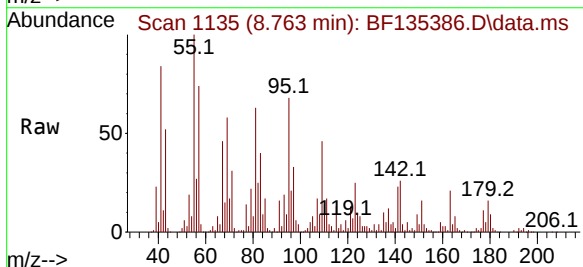
Instrument :
BNA_F
ClientSampleId :
CHRT-20001

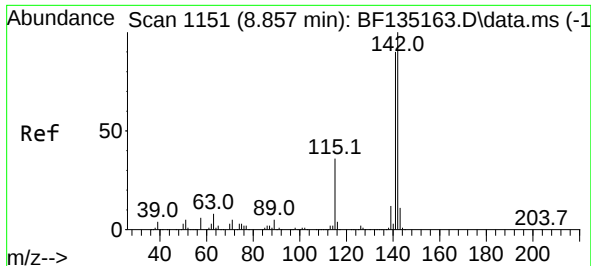
Tgt Ion:107 Resp: 19185
Ion Ratio Lower Upper
107 100
144 0.9 19.0 28.4#
142 1.1 60.2 90.2#



#37
2-Methylnaphthalene
Concen: 15.398 ng
RT: 8.763 min Scan# 1135
Delta R.T. 0.006 min
Lab File: BF135386.D
Acq: 21 Sep 2023 18:13

Tgt Ion:142 Resp: 150136
Ion Ratio Lower Upper
142 100
141 88.4 71.0 106.6

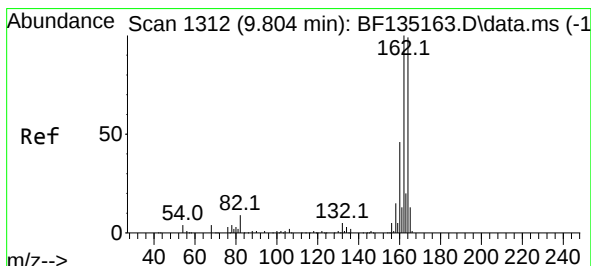
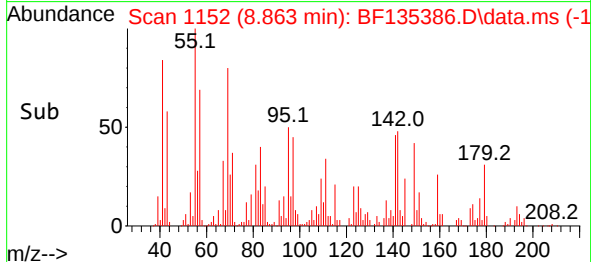
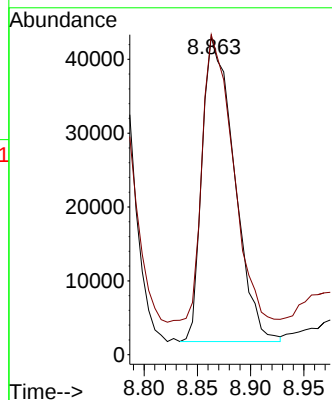
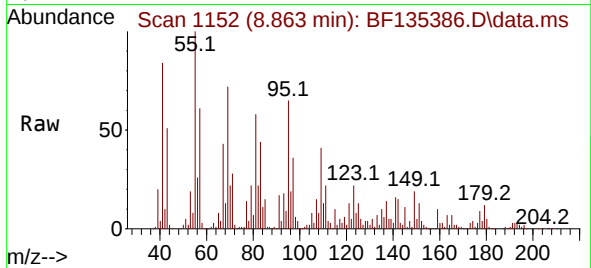




#38
1-Methylnaphthalene
Concen: 9.498 ng
RT: 8.863 min Scan# 1151
Delta R.T. 0.006 min
Lab File: BF135386.D
Acq: 21 Sep 2023 18:13

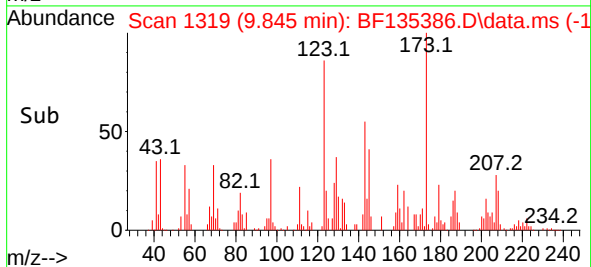
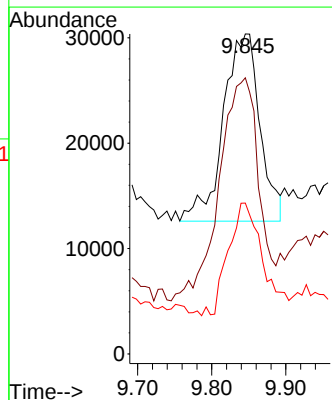
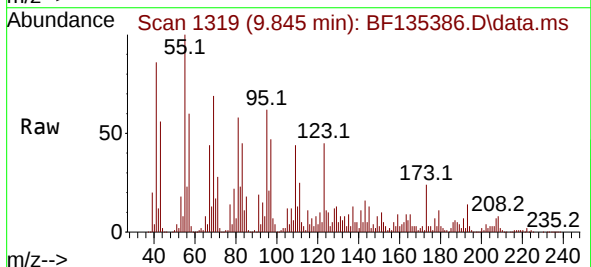
Instrument :
BNA_F
ClientSampleId :
CHRT-20001

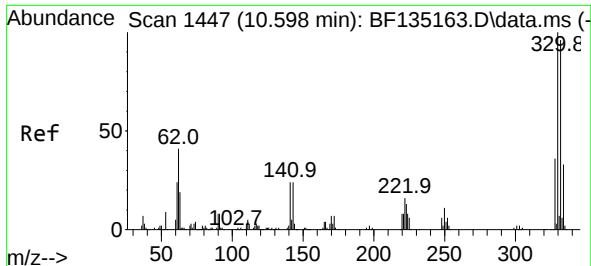
Tgt Ion:142 Resp: 86698
Ion Ratio Lower Upper
142 100
141 100.7 72.4 108.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1319
Delta R.T. 0.041 min
Lab File: BF135386.D
Acq: 21 Sep 2023 18:13

Tgt Ion:164 Resp: 61054
Ion Ratio Lower Upper
164 100
162 86.3 81.0 121.4
160 47.1 37.0 55.4

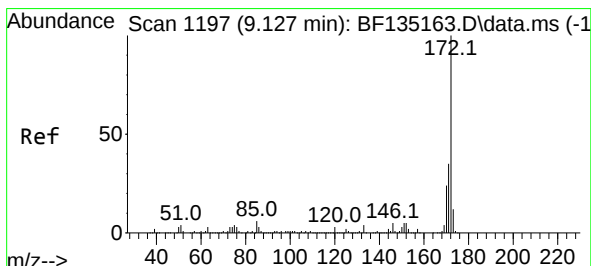
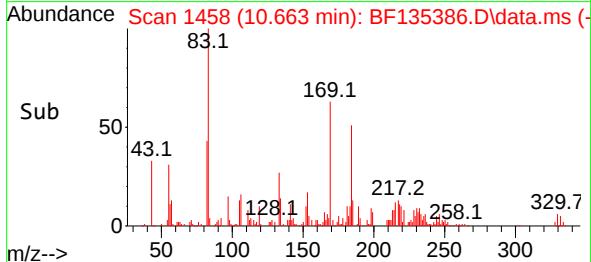
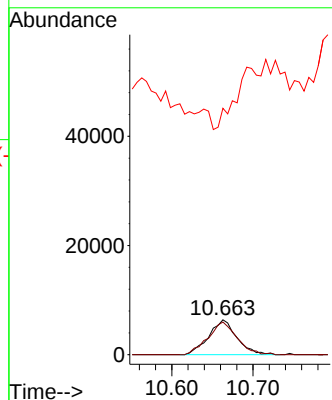
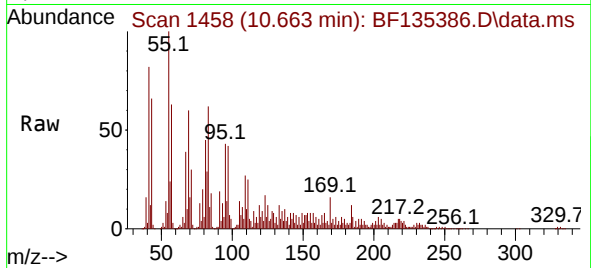




#42
 2,4,6-Tribromophenol
 Concen: 25.313 ng
 RT: 10.663 min Scan# 1447
 Delta R.T. 0.065 min
 Lab File: BF135386.D
 Acq: 21 Sep 2023 18:13

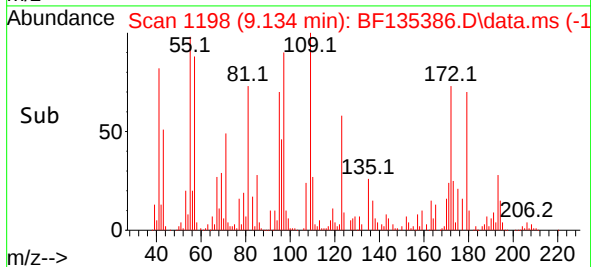
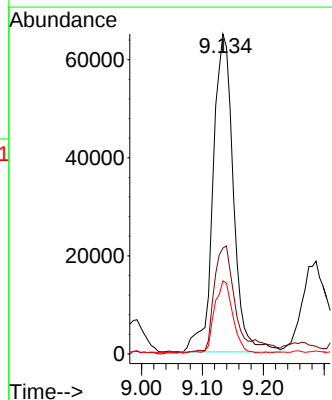
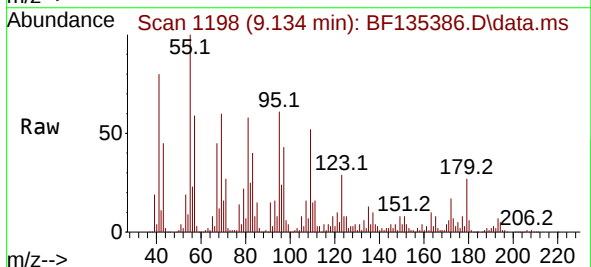
Instrument :
 BNA_F
 ClientSampleId :
 CHRT-20001

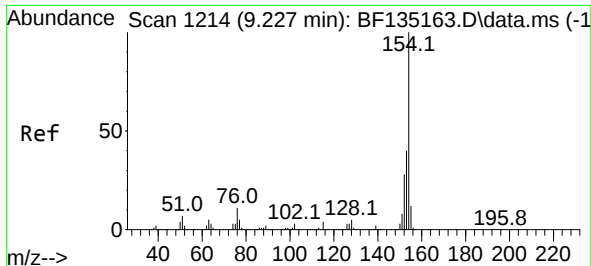
Tgt Ion: 330 Resp: 15358
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.3 115.9
 141 0.0 25.8 38.8#



#45
 2-Fluorobiphenyl
 Concen: 37.128 ng
 RT: 9.134 min Scan# 1198
 Delta R.T. 0.006 min
 Lab File: BF135386.D
 Acq: 21 Sep 2023 18:13

Tgt Ion: 172 Resp: 150247
 Ion Ratio Lower Upper
 172 100
 171 33.1 28.4 42.6
 170 22.8 19.0 28.4

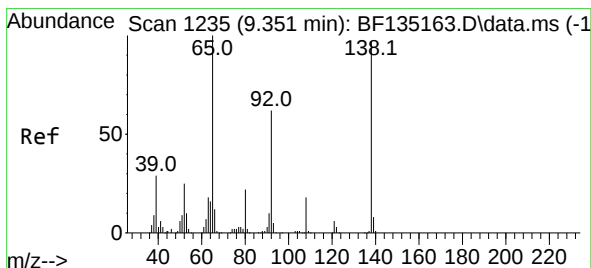
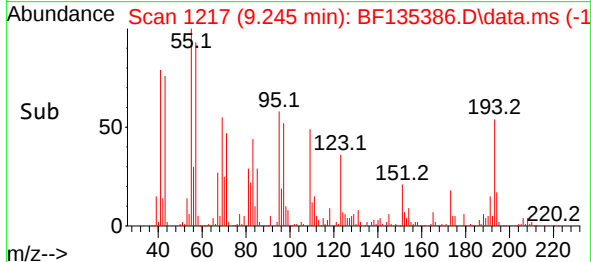
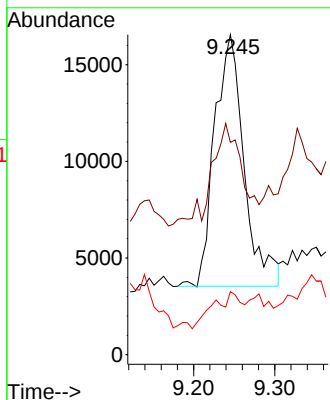
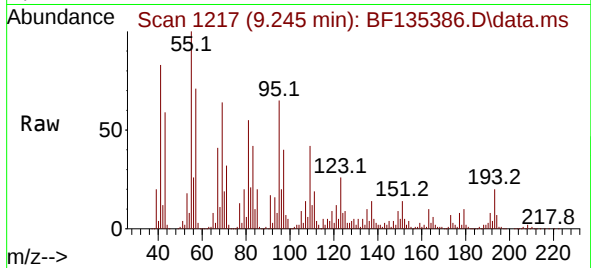




#46
1,1'-Biphenyl
Concen: 7.026 ng
RT: 9.245 min Scan# 11
Delta R.T. 0.018 min
Lab File: BF135386.D
Acq: 21 Sep 2023 18:13

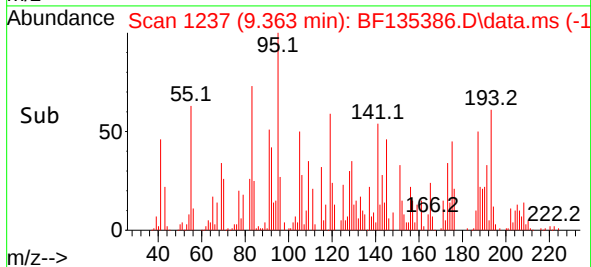
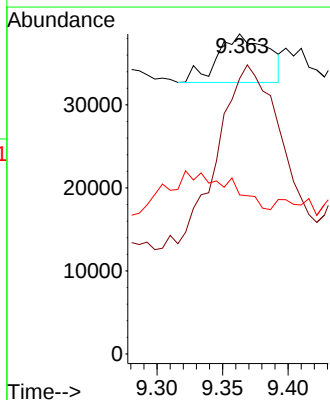
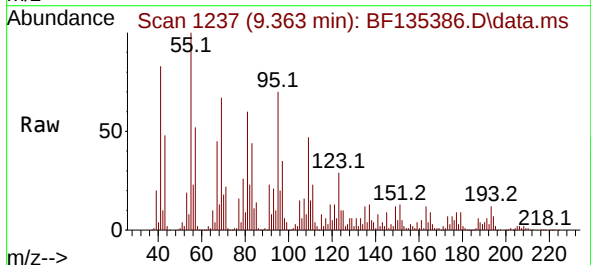
Instrument :
BNA_F
ClientSampleId :
CHRT-20001

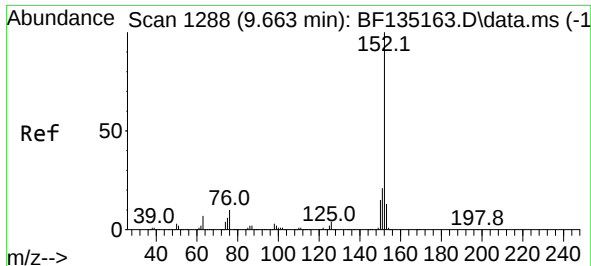
Tgt Ion:154 Resp: 32964
Ion Ratio Lower Upper
154 100
153 66.3 19.6 59.6#
76 19.7 0.0 31.0



#48
2-Nitroaniline
Concen: 11.560 ng
RT: 9.363 min Scan# 1237
Delta R.T. 0.012 min
Lab File: BF135386.D
Acq: 21 Sep 2023 18:13

Tgt Ion: 65 Resp: 15289
Ion Ratio Lower Upper
65 100
92 86.0 49.4 74.0#
138 49.7 77.4 116.0#





#49

Acenaphthylene

Concen: 8.970 ng

RT: 9.728 min Scan# 1

Delta R.T. 0.065 min

Lab File: BF135386.D

Acq: 21 Sep 2023 18:13

Instrument :

BNA_F

ClientSampleId :

CHRT-20001

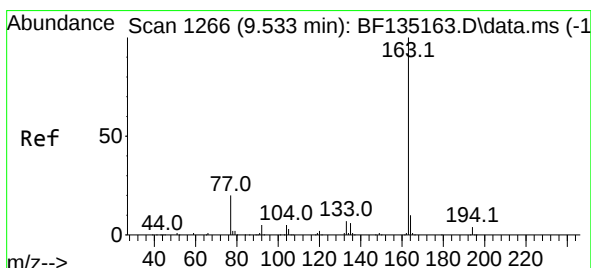
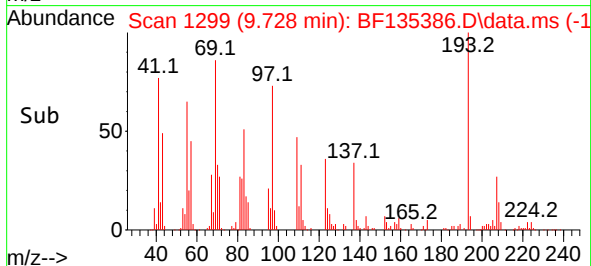
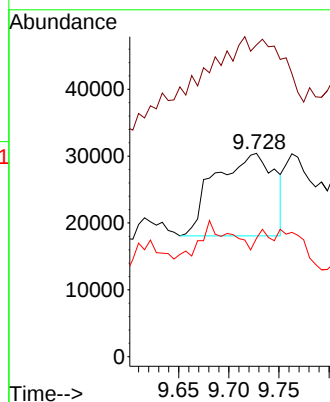
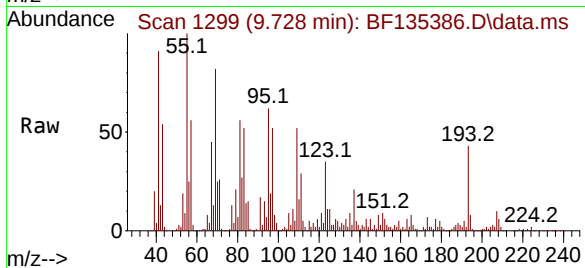
Tgt Ion:152 Resp: 50747

Ion Ratio Lower Upper

152 100

151 153.4 16.4 24.6#

153 58.2 10.4 15.6#



#50

Dimethylphthalate

Concen: 28.858 ng

RT: 9.639 min Scan# 1284

Delta R.T. 0.106 min

Lab File: BF135386.D

Acq: 21 Sep 2023 18:13

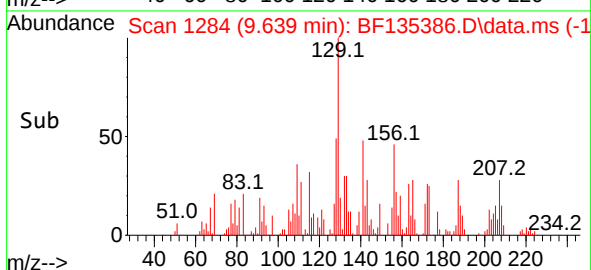
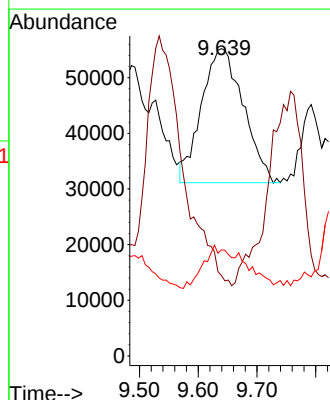
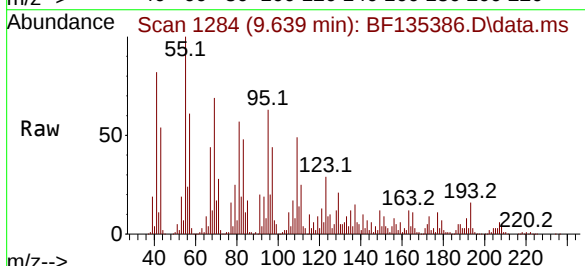
Tgt Ion:163 Resp: 119124

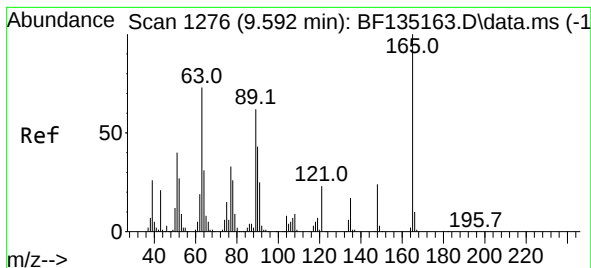
Ion Ratio Lower Upper

163 100

194 26.2 3.1 4.7#

164 34.5 8.1 12.1#

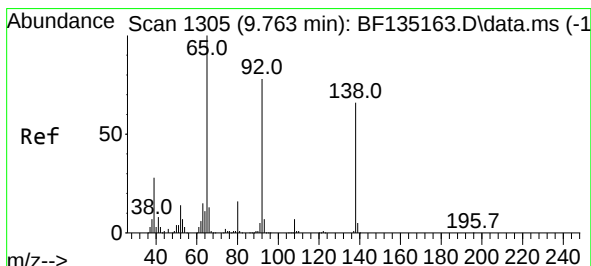
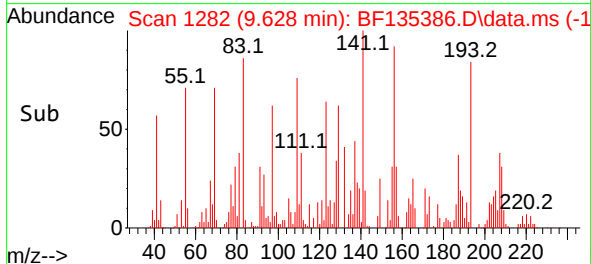
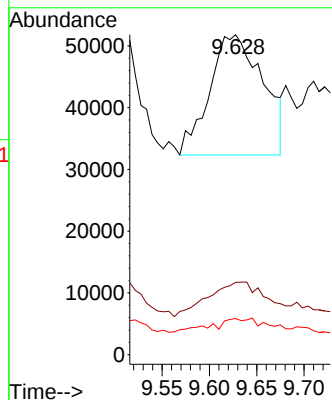
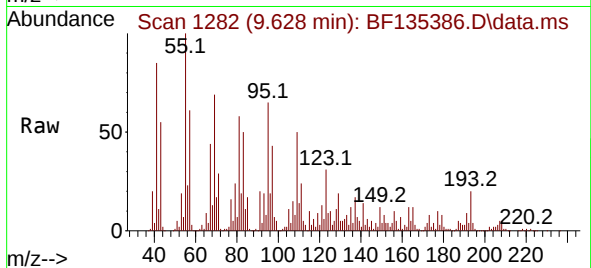




#51
2,6-Dinitrotoluene
Concen: 84.746 ng
RT: 9.628 min Scan# 1111
Delta R.T. 0.036 min
Lab File: BF135386.D
Acq: 21 Sep 2023 18:13

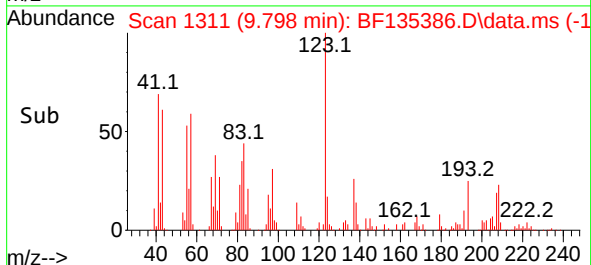
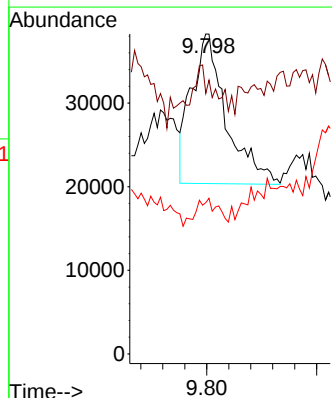
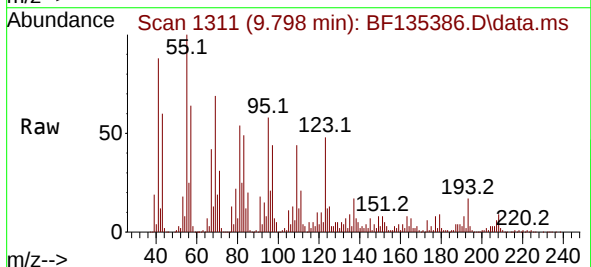
Instrument :
BNA_F
ClientSampleId :
CHRT-20001

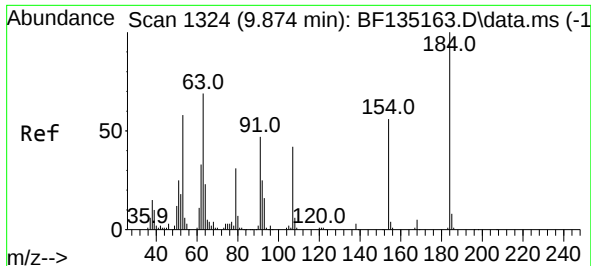
Tgt Ion:165 Resp: 76634
Ion Ratio Lower Upper
165 100
63 22.6 59.4 89.2#
89 11.3 49.8 74.8#



#53
3-Nitroaniline
Concen: 74.454 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.036 min
Lab File: BF135386.D
Acq: 21 Sep 2023 18:13

Tgt Ion:138 Resp: 79031
Ion Ratio Lower Upper
138 100
108 81.4 8.5 12.7#
92 47.3 95.4 143.0#

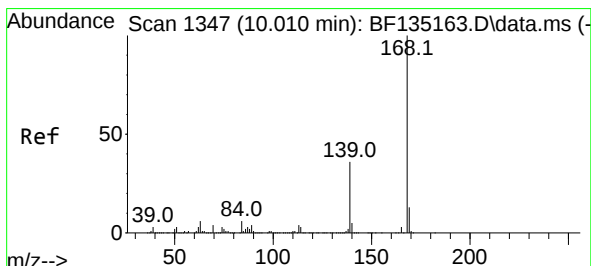
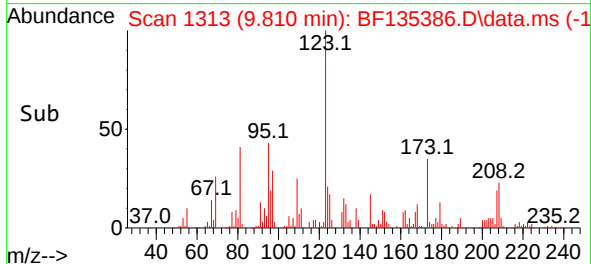
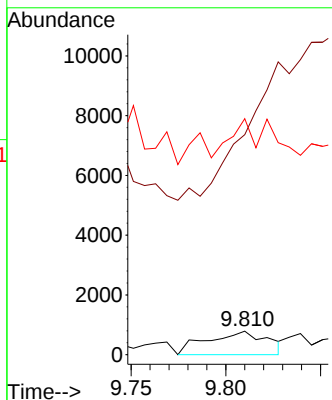
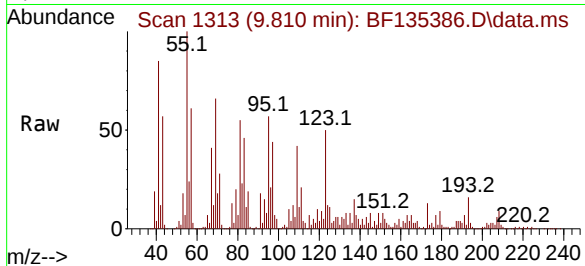




#54
2,4-Dinitrophenol
Concen: 9.376 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.064 min
Lab File: BF135386.D
Acq: 21 Sep 2023 18:13

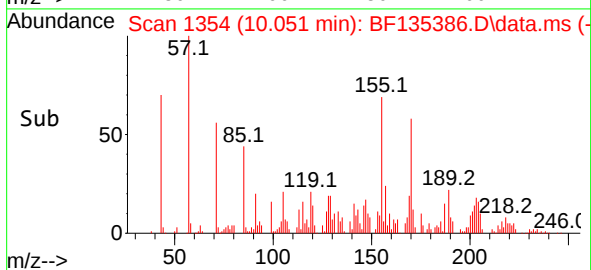
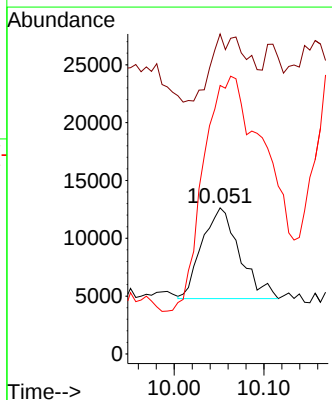
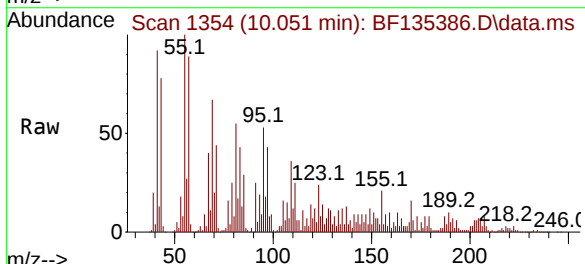
Instrument :
BNA_F
ClientSampleId :
CHRT-20001

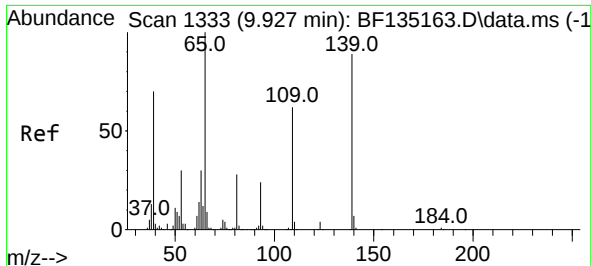
Tgt Ion:184 Resp: 1742
Ion Ratio Lower Upper
184 100
63 936.9 55.1 82.7#
154 1004.7 48.4 72.6#



#55
Dibenzofuran
Concen: 4.472 ng
RT: 10.051 min Scan# 1354
Delta R.T. 0.041 min
Lab File: BF135386.D
Acq: 21 Sep 2023 18:13

Tgt Ion:168 Resp: 22806
Ion Ratio Lower Upper
168 100
139 219.1 29.0 43.6#
169 183.8 10.4 15.6#

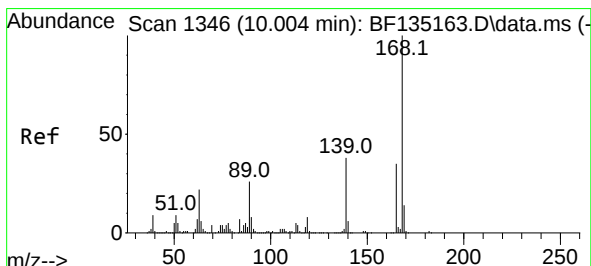
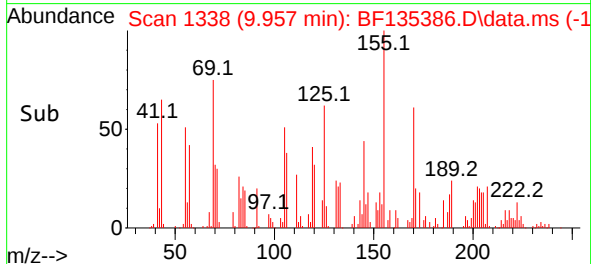
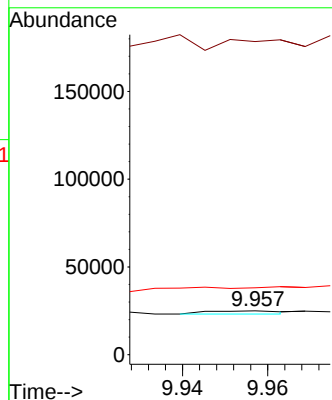
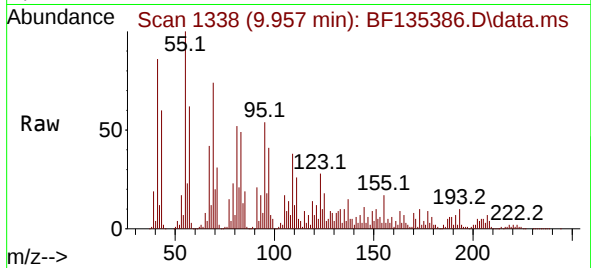




#56
4-Nitrophenol
Concen: 3.257 ng
RT: 9.957 min Scan# 11
Delta R.T. 0.030 min
Lab File: BF135386.D
Acq: 21 Sep 2023 18:13

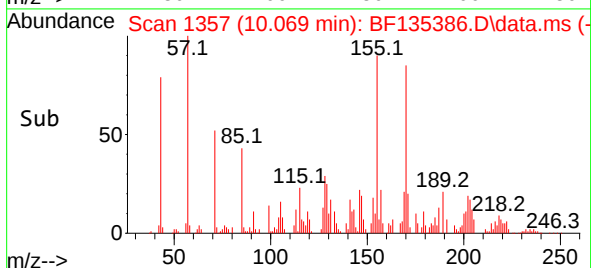
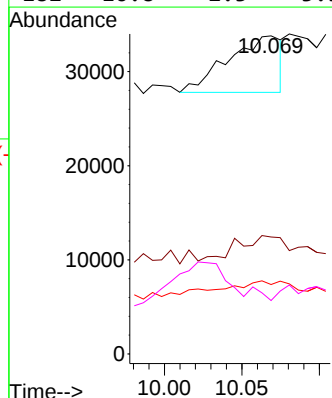
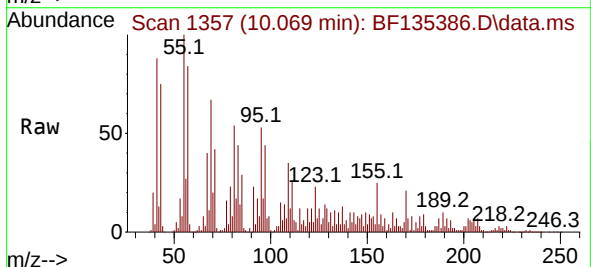
Instrument :
BNA_F
ClientSampleId :
CHRT-20001

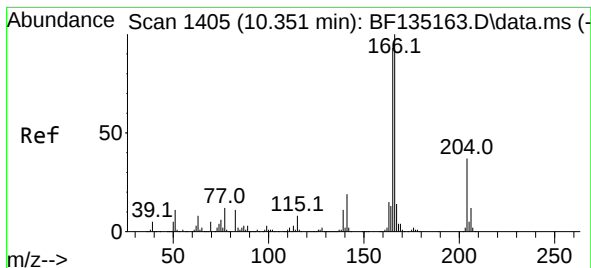
Tgt Ion:139 Resp: 2197
Ion Ratio Lower Upper
139 100
109 713.0 49.8 89.8#
65 152.2 92.7 132.7#



#57
2,4-Dinitrotoluene
Concen: 12.632 ng
RT: 10.069 min Scan# 1357
Delta R.T. 0.065 min
Lab File: BF135386.D
Acq: 21 Sep 2023 18:13

Tgt Ion:165 Resp: 14300
Ion Ratio Lower Upper
165 100
63 36.8 50.1 75.1#
89 21.8 59.3 88.9#
182 16.8 2.3 3.5#





#58

Fluorene

Concen: 6.819 ng

RT: 10.363 min Scan# 1405

Delta R.T. 0.012 min

Lab File: BF135386.D

Acq: 21 Sep 2023 18:13

Instrument :

BNA_F

ClientSampleId :

CHRT-20001

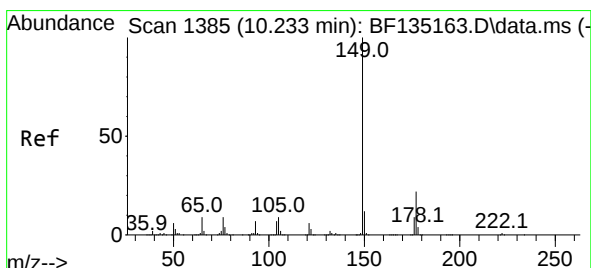
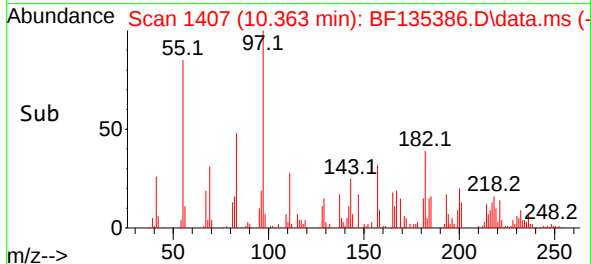
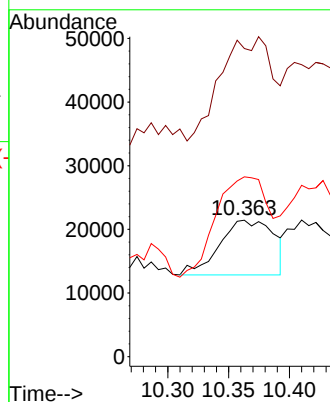
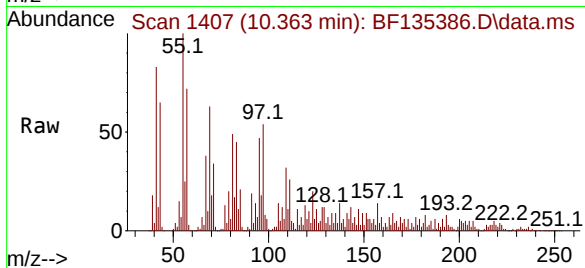
Tgt Ion:166 Resp: 26735

Ion Ratio Lower Upper

166 100

165 225.8 74.3 111.5#

167 131.8 10.9 16.3#



#60

Diethylphthalate

Concen: 4.818 ng

RT: 10.310 min Scan# 1398

Delta R.T. 0.077 min

Lab File: BF135386.D

Acq: 21 Sep 2023 18:13

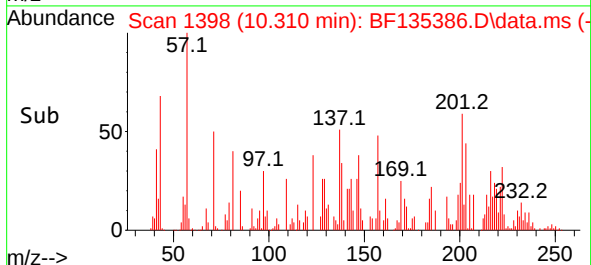
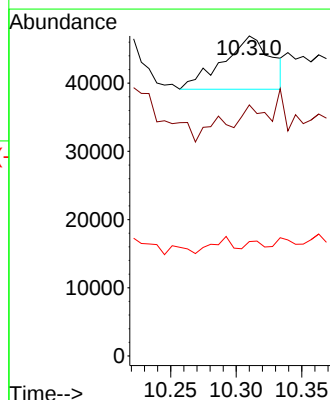
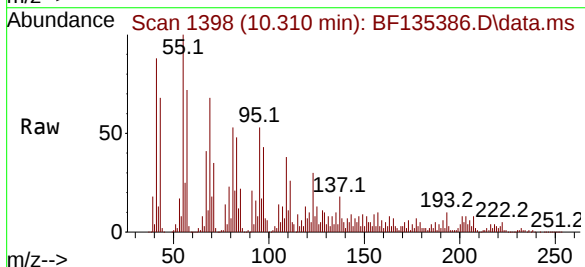
Tgt Ion:149 Resp: 19961

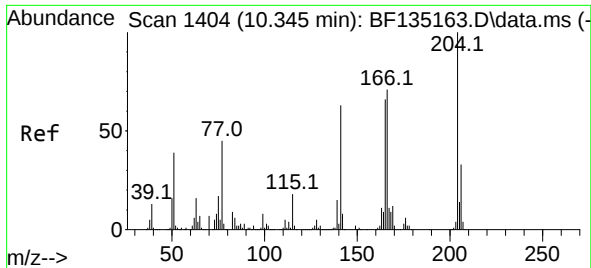
Ion Ratio Lower Upper

149 100

177 78.5 17.8 26.6#

150 35.8 10.0 15.0#

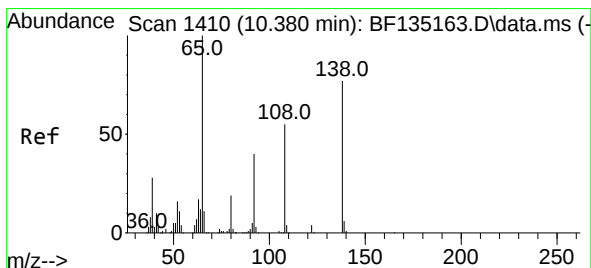
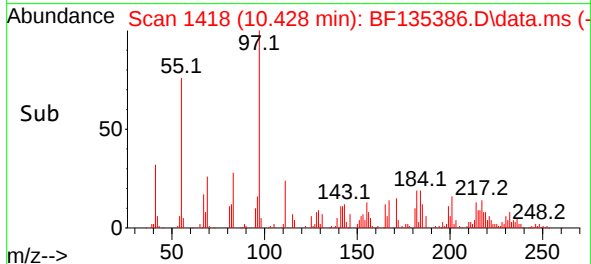
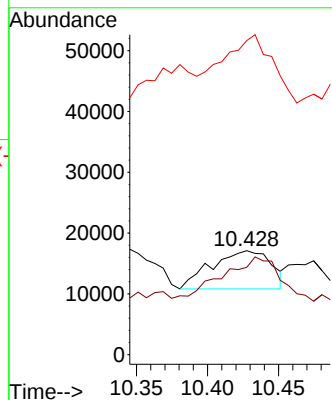
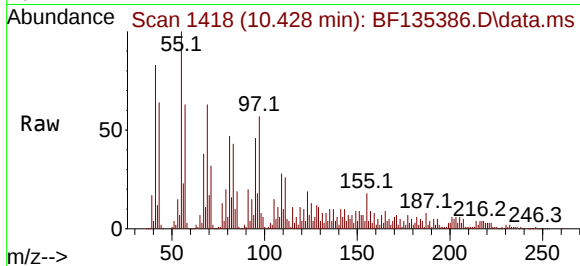




#61
4-Chlorophenyl-phenylether
Concen: 9.735 ng
RT: 10.428 min Scan# 1404
Delta R.T. 0.083 min
Lab File: BF135386.D
Acq: 21 Sep 2023 18:13

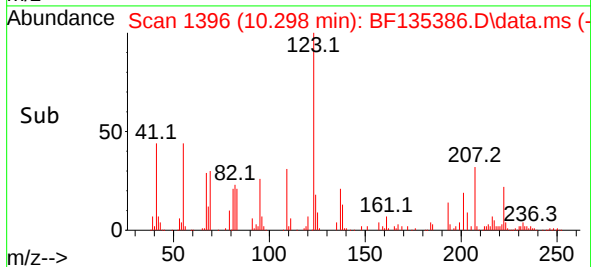
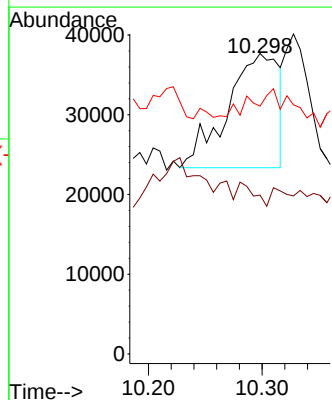
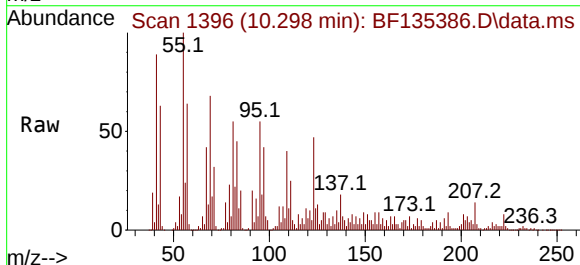
Instrument :
BNA_F
ClientSampleId :
CHRT-20001

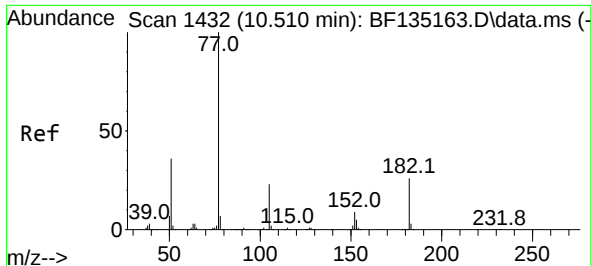
Tgt Ion:204 Resp: 18335
Ion Ratio Lower Upper
204 100
206 84.0 26.7 40.1#
141 302.1 50.6 75.8#



#62
4-Nitroaniline
Concen: 44.134 ng
RT: 10.298 min Scan# 1396
Delta R.T. -0.082 min
Lab File: BF135386.D
Acq: 21 Sep 2023 18:13

Tgt Ion:138 Resp: 45031
Ion Ratio Lower Upper
138 100
92 52.9 31.8 71.8
108 82.5 52.0 92.0

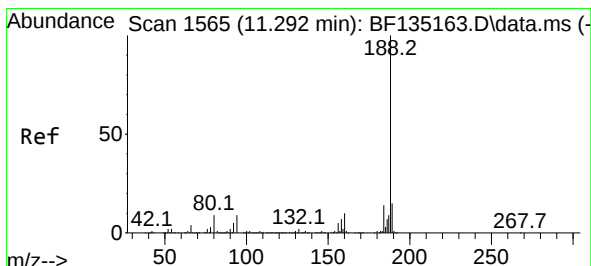
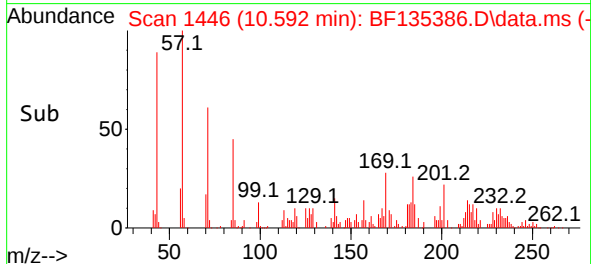
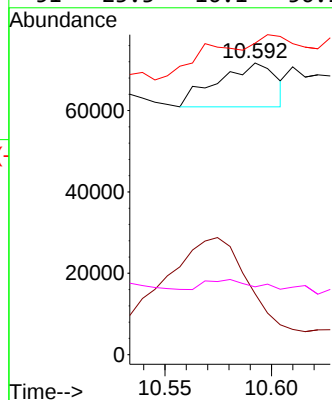
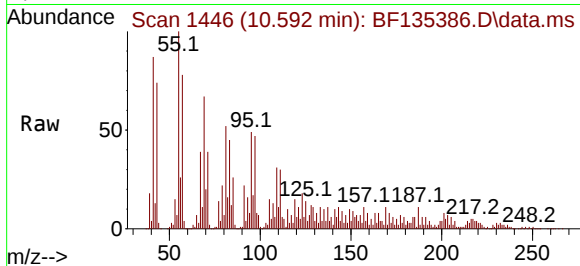




#63
Azobenzene
Concen: 5.079 ng
RT: 10.592 min Scan# 1432
Delta R.T. 0.083 min
Lab File: BF135386.D
Acq: 21 Sep 2023 18:13

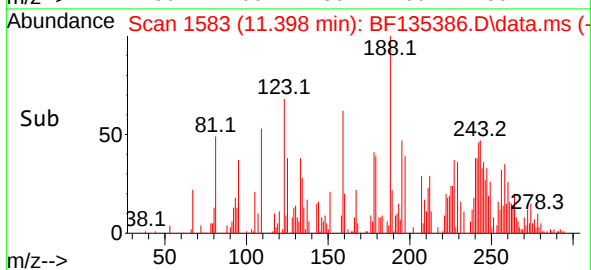
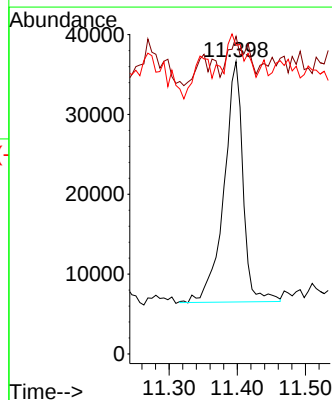
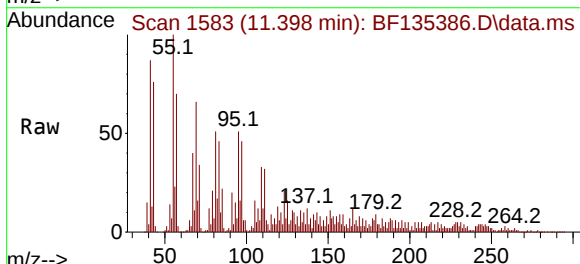
Instrument :
BNA_F
ClientSampleId :
CHRT-20001

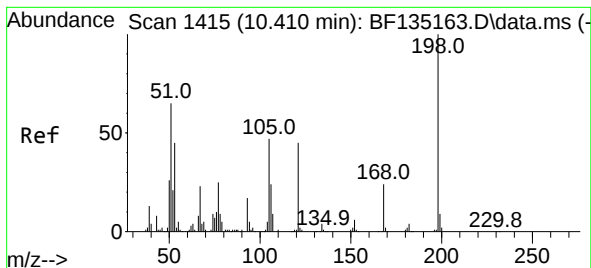
Tgt Ion: 77 Resp: 20593
Ion Ratio Lower Upper
77 100
182 20.9 6.4 46.4
105 106.8 3.1 43.1#
51 23.3 16.1 56.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.106 min
Lab File: BF135386.D
Acq: 21 Sep 2023 18:13

Tgt Ion: 188 Resp: 58307
Ion Ratio Lower Upper
188 100
94 108.6 7.0 10.6#
80 105.5 7.5 11.3#

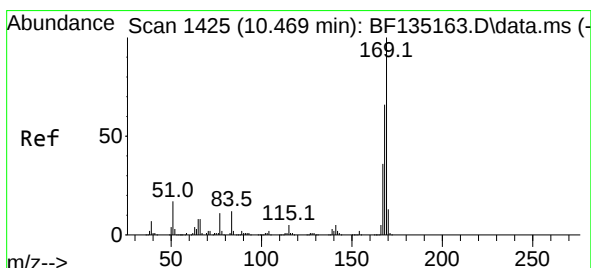
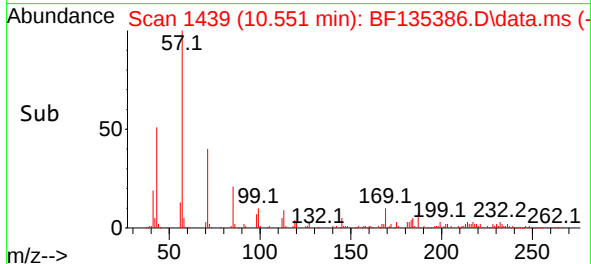
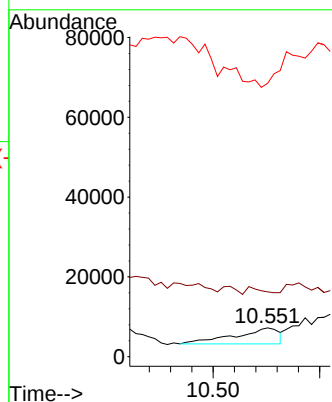
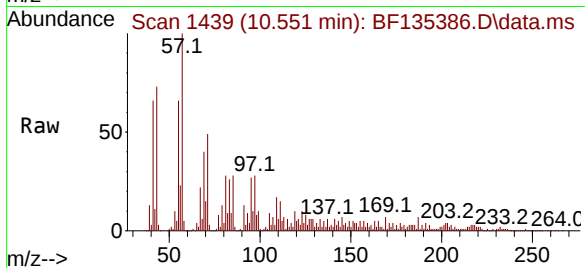




#65
4,6-Dinitro-2-methylphenol
Concen: 37.273 ng
RT: 10.551 min Scan# 1415
Delta R.T. 0.141 min
Lab File: BF135386.D
Acq: 21 Sep 2023 18:13

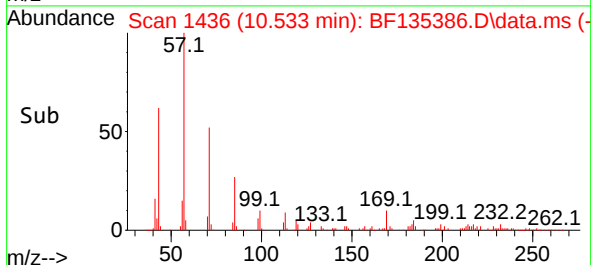
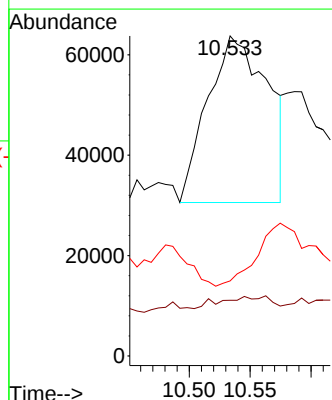
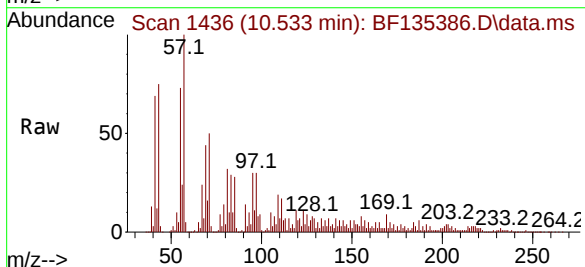
Instrument :
BNA_F
ClientSampleId :
CHRT-20001

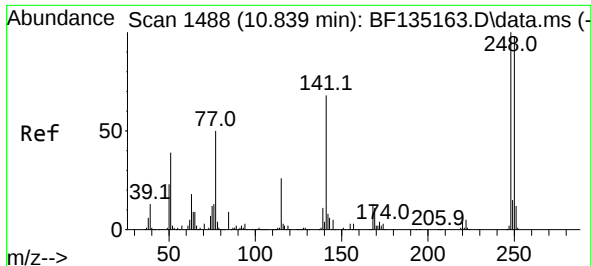
Tgt Ion:198 Resp: 11543
Ion Ratio Lower Upper
198 100
51 225.3 47.7 87.7#
105 950.7 27.4 67.4#



#66
n-Nitrosodiphenylamine
Concen: 64.375 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.065 min
Lab File: BF135386.D
Acq: 21 Sep 2023 18:13

Tgt Ion:169 Resp: 113637
Ion Ratio Lower Upper
169 100
168 17.4 52.8 79.2#
167 23.4 29.0 43.6#

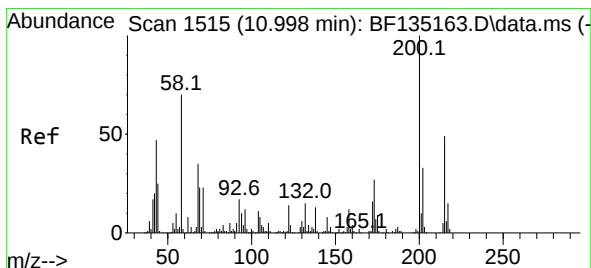
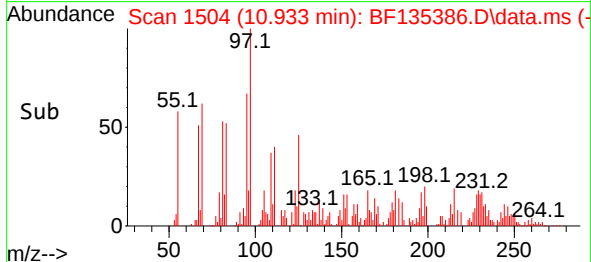
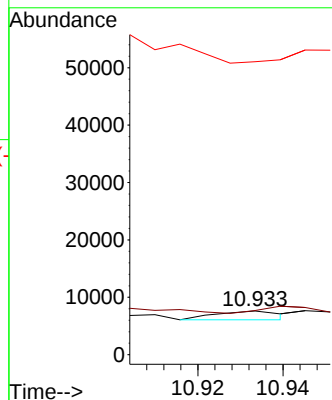
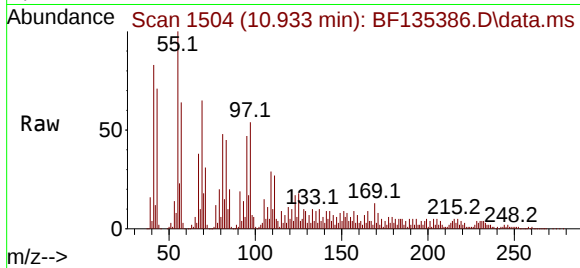




#67
4-Bromophenyl-phenylether
Concen: 2.785 ng
RT: 10.933 min Scan# 1504
Delta R.T. 0.094 min
Lab File: BF135386.D
Acq: 21 Sep 2023 18:13

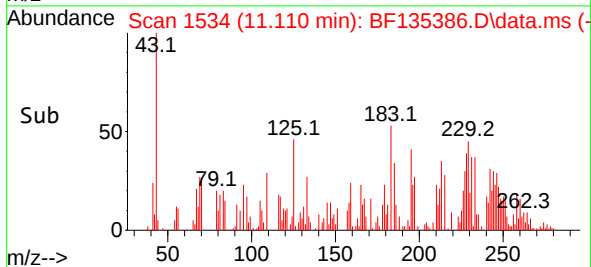
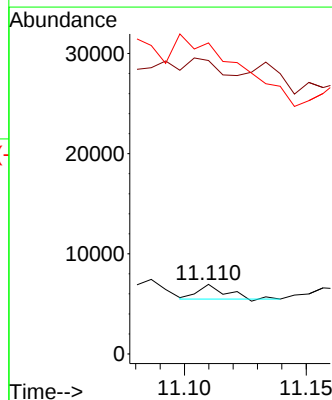
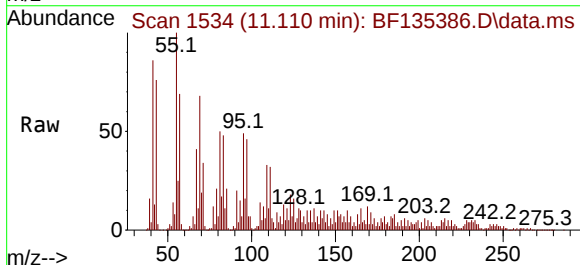
Instrument :
BNA_F
ClientSampleId :
CHRT-20001

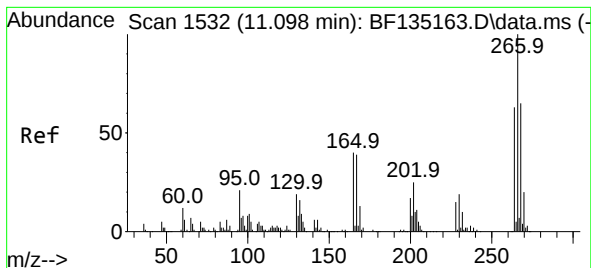
Tgt Ion:248 Resp: 1615
Ion Ratio Lower Upper
248 100
250 101.0 78.6 117.8
141 669.9 54.2 81.2#



#69
Atrazine
Concen: 2.356 ng
RT: 11.110 min Scan# 1534
Delta R.T. 0.112 min
Lab File: BF135386.D
Acq: 21 Sep 2023 18:13

Tgt Ion:200 Resp: 1119
Ion Ratio Lower Upper
200 100
173 422.1 7.4 47.4#
215 447.4 28.6 68.6#





#70

Pentachlorophenol

Concen: 34.931 ng

RT: 11.251 min Scan# 1558

Delta R.T. 0.153 min

Lab File: BF135386.D

Acq: 21 Sep 2023 18:13

Instrument :

BNA_F

ClientSampleId :

CHRT-20001

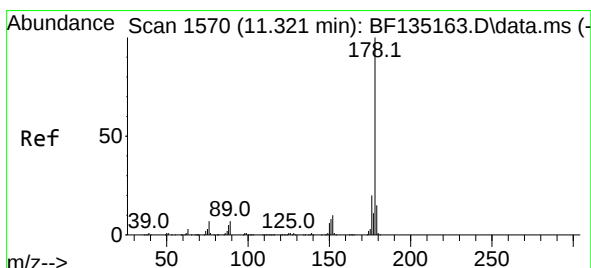
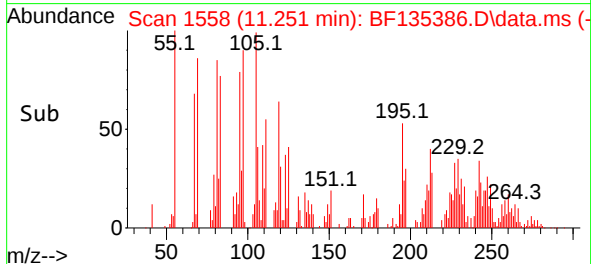
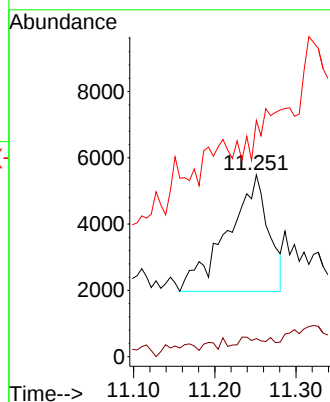
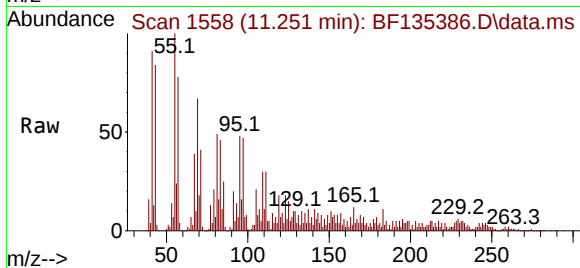
Tgt Ion:266 Resp: 12347

Ion Ratio Lower Upper

266 100

268 9.9 52.1 78.1#

264 130.0 50.8 76.2#



#71

Phenanthrene

Concen: 39.110 ng

RT: 11.422 min Scan# 1587

Delta R.T. 0.100 min

Lab File: BF135386.D

Acq: 21 Sep 2023 18:13

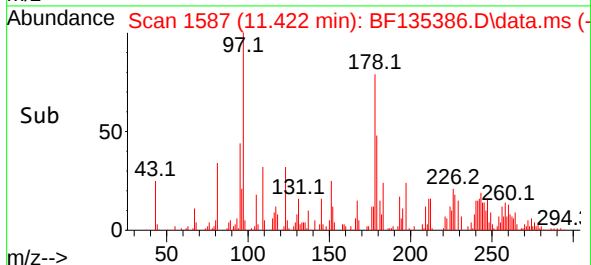
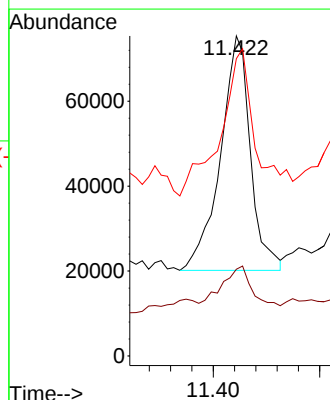
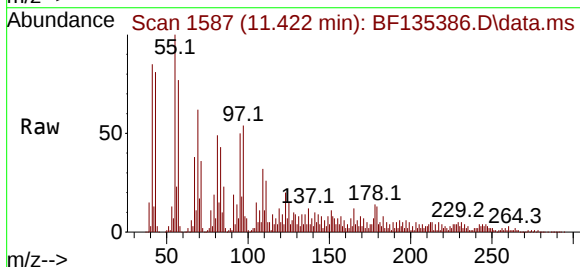
Tgt Ion:178 Resp: 107852

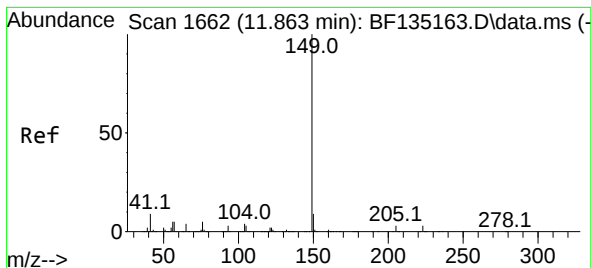
Ion Ratio Lower Upper

178 100

176 27.1 15.6 23.4#

179 92.9 12.0 18.0#





#74

Di-n-butylphthalate

Concen: 20.026 ng

RT: 11.969 min Scan# 1

Delta R.T. 0.106 min

Lab File: BF135386.D

Acq: 21 Sep 2023 18:13

Instrument :

BNA_F

ClientSampleId :

CHRT-20001

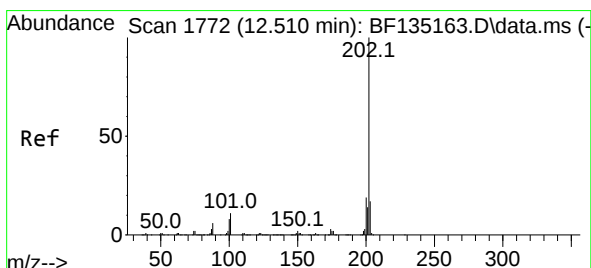
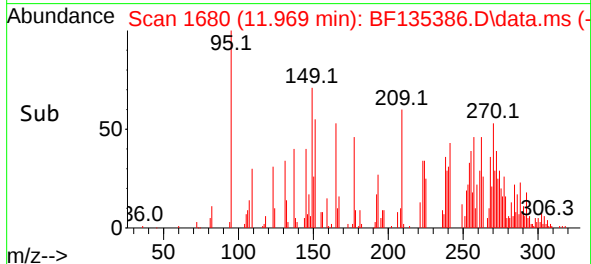
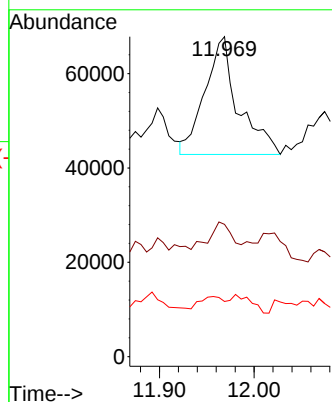
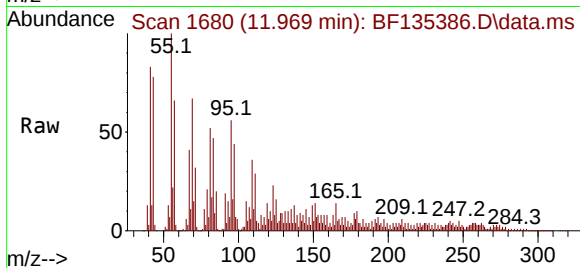
Tgt Ion:149 Resp: 60890

Ion Ratio Lower Upper

149 100

150 41.3 7.4 11.0#

104 17.2 3.6 5.4#



#75

Fluoranthene

Concen: 10.828 ng

RT: 12.627 min Scan# 1792

Delta R.T. 0.118 min

Lab File: BF135386.D

Acq: 21 Sep 2023 18:13

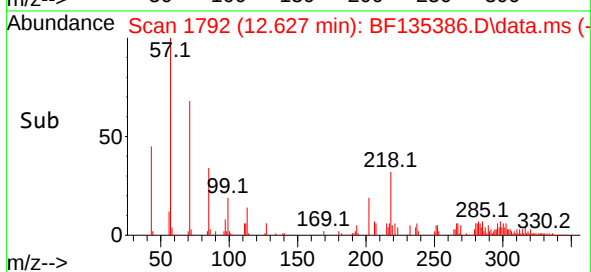
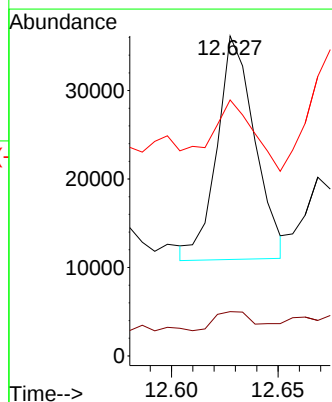
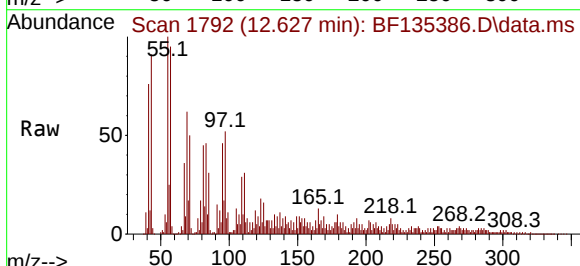
Tgt Ion:202 Resp: 31115

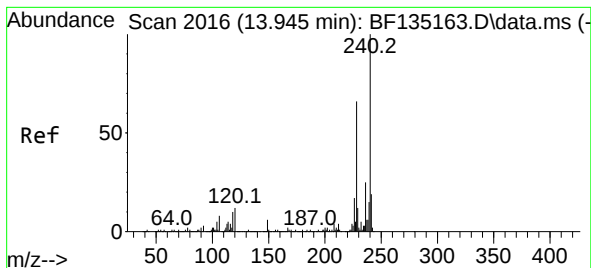
Ion Ratio Lower Upper

202 100

101 13.8 0.0 31.3

203 80.0 0.0 37.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 20

Delta R.T. 0.083 min

Lab File: BF135386.D

Acq: 21 Sep 2023 18:13

Instrument :

BNA_F

ClientSampleId :

CHRT-20001

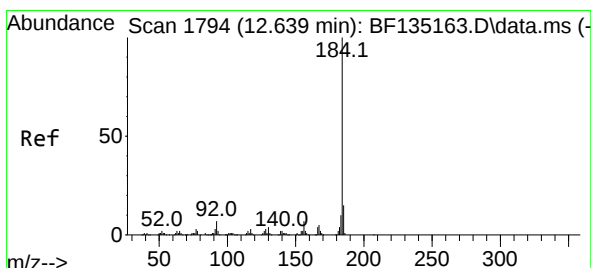
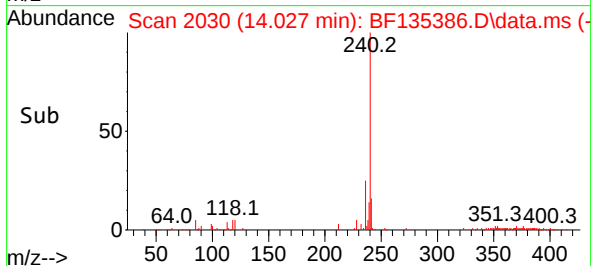
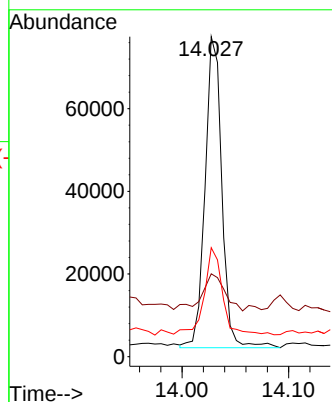
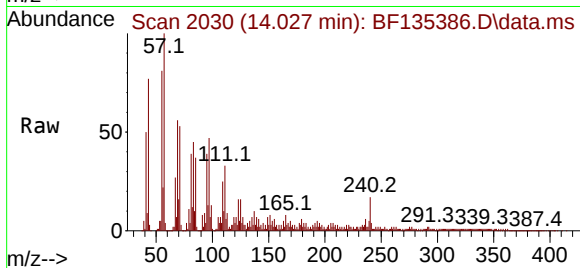
Tgt Ion:240 Resp: 82738

Ion Ratio Lower Upper

240 100

120 25.9 9.4 14.2#

236 34.0 19.8 29.8#



#77

Benzidine

Concen: 11.085 ng

RT: 12.698 min Scan# 1804

Delta R.T. 0.059 min

Lab File: BF135386.D

Acq: 21 Sep 2023 18:13

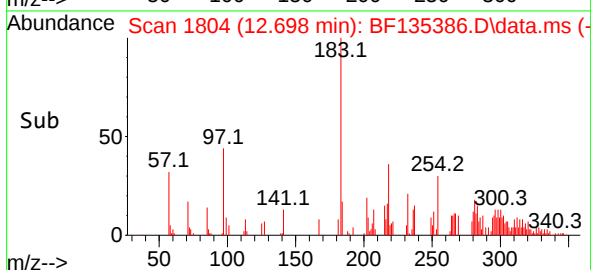
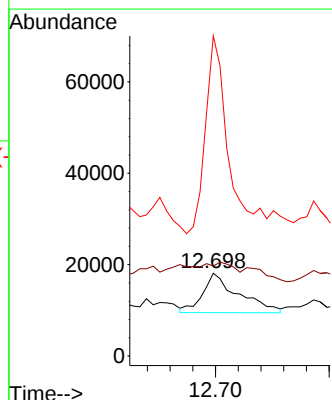
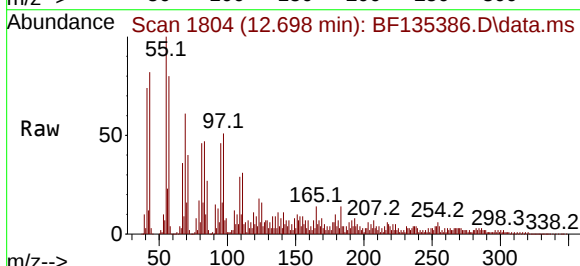
Tgt Ion:184 Resp: 18789

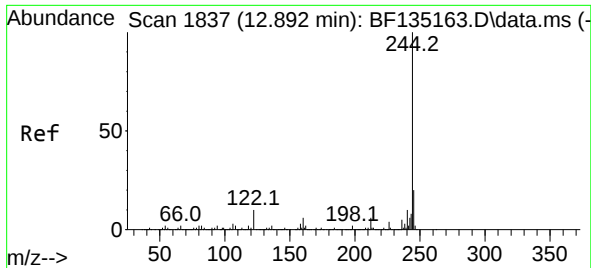
Ion Ratio Lower Upper

184 100

185 108.8 11.7 17.5#

183 386.8 8.2 12.4#

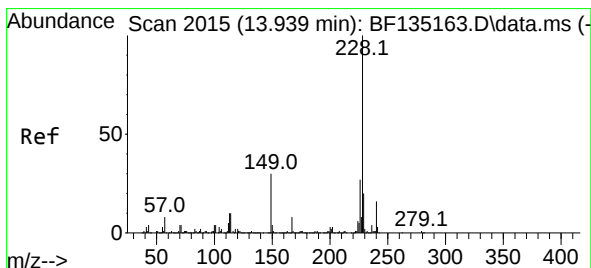
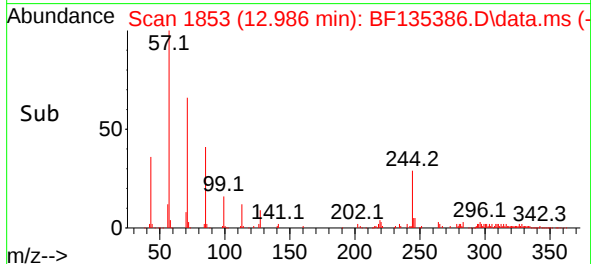
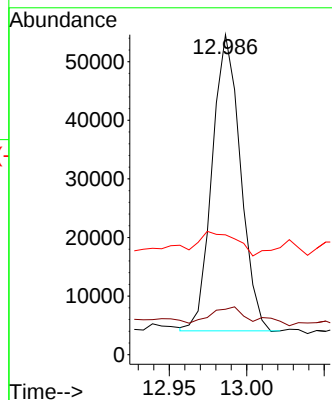
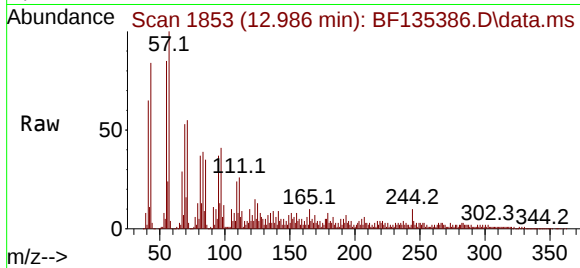




#79
 Terphenyl-d14
 Concen: 12.041 ng
 RT: 12.986 min Scan# 11
 Delta R.T. 0.094 min
 Lab File: BF135386.D
 Acq: 21 Sep 2023 18:13

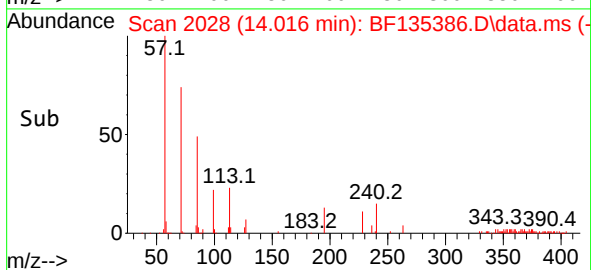
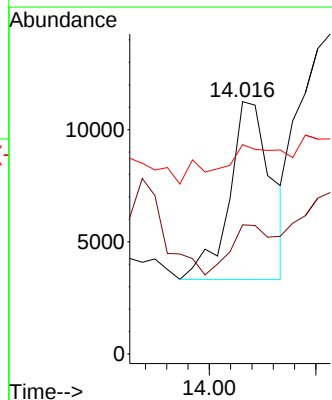
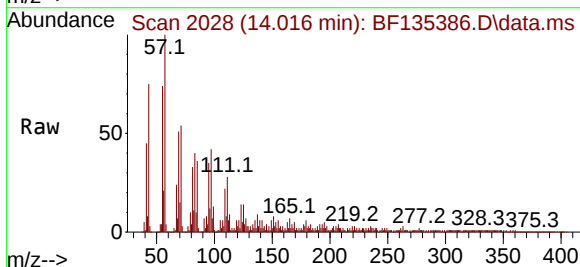
Instrument :
 BNA_F
 ClientSampleId :
 CHRT-20001

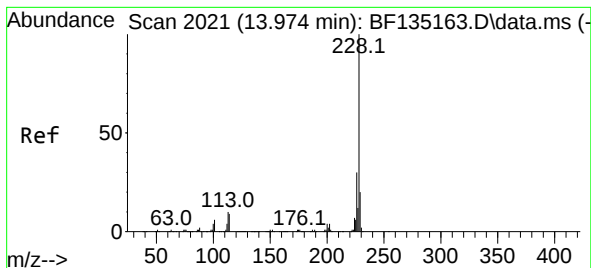
Tgt Ion:244 Resp: 64264
 Ion Ratio Lower Upper
 244 100
 212 14.2 5.1 7.7#
 122 37.5 7.9 11.9#



#81
 Benzo(a)anthracene
 Concen: 2.049 ng
 RT: 14.016 min Scan# 2028
 Delta R.T. 0.077 min
 Lab File: BF135386.D
 Acq: 21 Sep 2023 18:13

Tgt Ion:228 Resp: 10948
 Ion Ratio Lower Upper
 228 100
 226 51.2 21.7 32.5#
 229 83.0 15.8 23.8#





#83

Chrysene

Concen: 3.398 ng

RT: 14.057 min Scan# 2130

Delta R.T. 0.083 min

Lab File: BF135386.D

Acq: 21 Sep 2023 18:13

Instrument :

BNA_F

ClientSampleId :

CHRT-20001

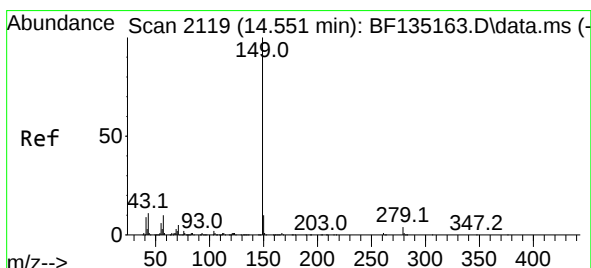
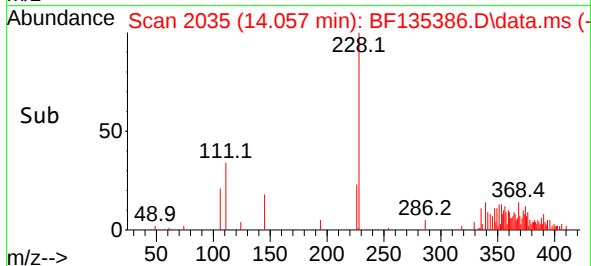
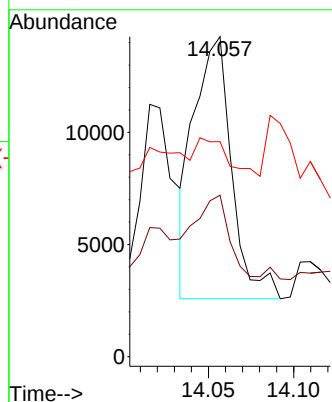
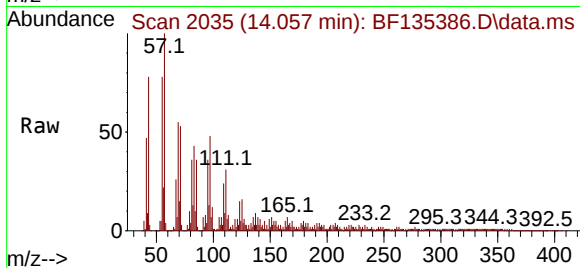
Tgt Ion:228 Resp: 18047

Ion Ratio Lower Upper

228 100

226 50.4 24.3 36.5#

229 67.2 16.0 24.0#



#85

Di-n-octyl phthalate

Concen: 3.524 ng

RT: 14.616 min Scan# 2130

Delta R.T. 0.065 min

Lab File: BF135386.D

Acq: 21 Sep 2023 18:13

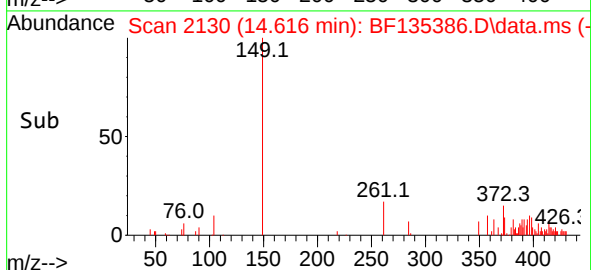
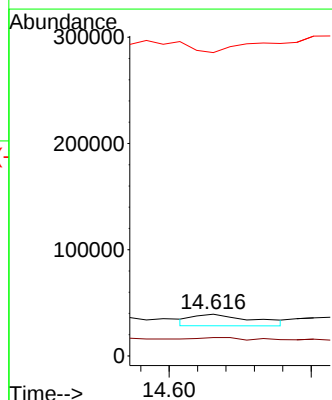
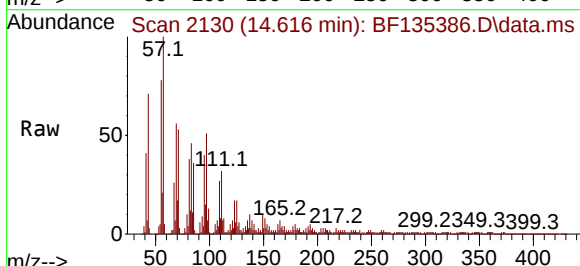
Tgt Ion:149 Resp: 15937

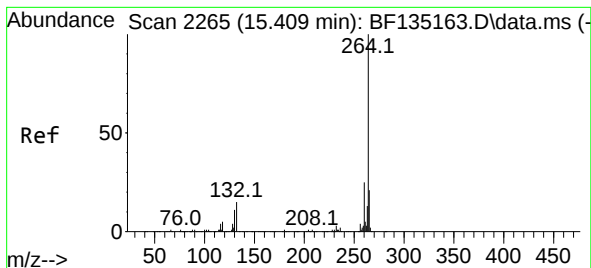
Ion Ratio Lower Upper

149 100

167 14.7 1.1 1.7#

43 0.0 9.8 14.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 21

Delta R.T. 0.059 min

Lab File: BF135386.D

Acq: 21 Sep 2023 18:13

Instrument :

BNA_F

ClientSampleId :

CHRT-20001

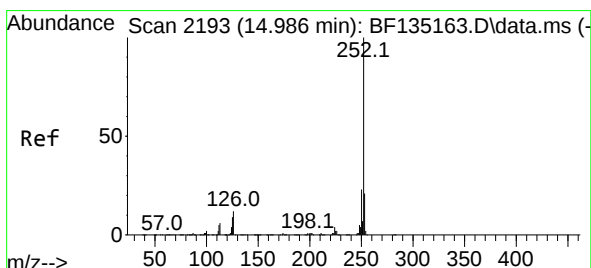
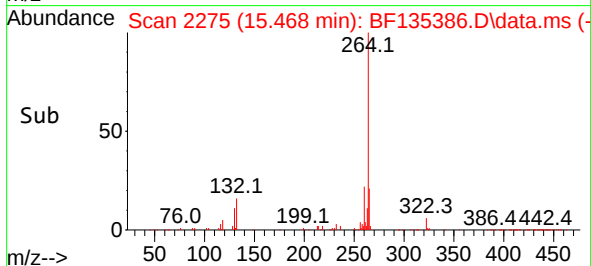
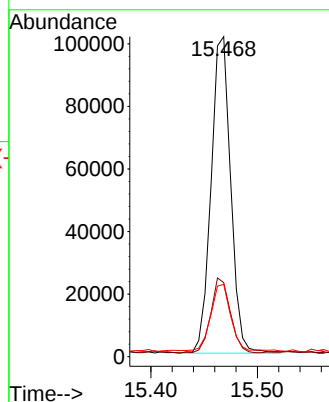
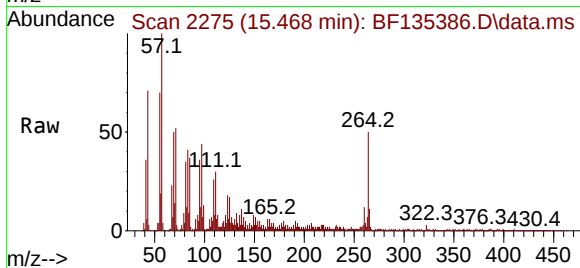
Tgt Ion:264 Resp: 129497

Ion Ratio Lower Upper

264 100

260 23.2 19.8 29.6

265 22.6 17.0 25.4



#88

Benzo(b)fluoranthene

Concen: 4.222 ng

RT: 15.045 min Scan# 2203

Delta R.T. 0.059 min

Lab File: BF135386.D

Acq: 21 Sep 2023 18:13

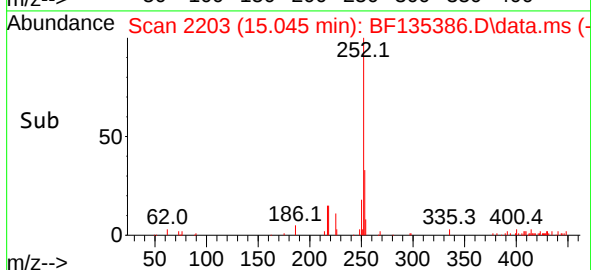
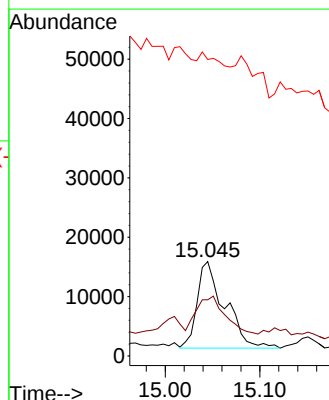
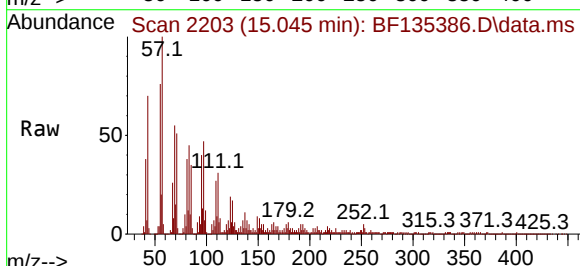
Tgt Ion:252 Resp: 29600

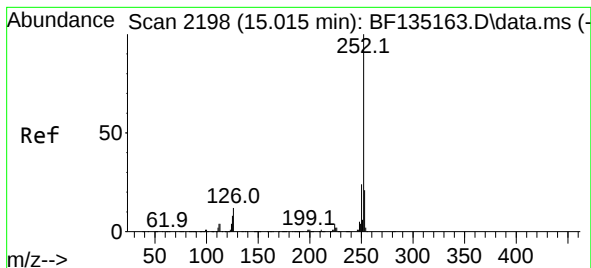
Ion Ratio Lower Upper

252 100

253 59.4 17.2 25.8#

125 314.0 7.1 10.7#





#89

Benzo(k)fluoranthene

Concen: 4.275 ng

RT: 15.045 min Scan# 21

Delta R.T. 0.030 min

Lab File: BF135386.D

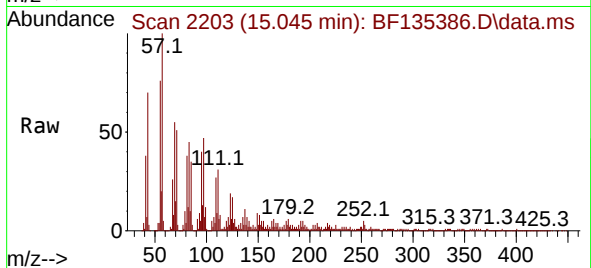
Acq: 21 Sep 2023 18:13

Instrument :

BNA_F

ClientSampleId :

CHRT-20001



Tgt Ion:252 Resp: 29600

Ion Ratio Lower Upper

252 100

253 59.4 17.4 26.0#

125 314.0 7.2 10.8#

