

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100423\
 Data File : BF135573.D
 Acq On : 04 Oct 2023 16:07
 Operator : CG\JU
 Sample : 04627-05MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 280-300FB-BACKFILL-03MSD

Quant Time: Oct 04 23:12:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 17:06:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	136400	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	523532	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	273453	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	519285	20.000	ng	0.00
76) Chrysene-d12	13.927	240	257355	20.000	ng	0.00
86) Perylene-d12	15.386	264	275993	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	736431	87.813	ng	0.01
7) Phenol-d6	6.393	99	877835	82.319	ng	0.00
23) Nitrobenzene-d5	7.304	82	576170	59.792	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	205240	75.526	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1020019	56.277	ng	0.00
79) Terphenyl-d14	12.863	244	1005873	60.589	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.516	88	175712	47.794	ng	97
3) Pyridine	3.257	79	433235	43.785	ng	98
4) n-Nitrosodimethylamine	3.234	42	265064	50.482	ng	99
6) Aniline	6.410	93	384421	27.491	ng	# 43
8) 2-Chlorophenol	6.528	128	450519	50.323	ng	99
9) Benzaldehyde	6.298	77	94554	15.565	ng	96
10) Phenol	6.404	94	529658	45.296	ng	97
11) bis(2-Chloroethyl)ether	6.481	93	445438	50.784	ng	99
12) 1,3-Dichlorobenzene	6.675	146	431806	47.460	ng	98
13) 1,4-Dichlorobenzene	6.757	146	434540	46.944	ng	98
14) 1,2-Dichlorobenzene	6.904	146	410079	47.704	ng	99
15) Benzyl Alcohol	6.893	79	360711	47.138	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.016	45	761015	46.030	ng	71
17) 2-Methylphenol	7.010	107	346158	43.816	ng	# 91
18) Hexachloroethane	7.240	117	165359	48.347	ng	90
19) n-Nitroso-di-n-propyla...	7.157	70	287491	43.525	ng	95
20) 3+4-Methylphenols	7.163	107	428975	45.156	ng	# 68
22) Acetophenone	7.151	105	568524	47.499	ng	92
24) Nitrobenzene	7.328	77	475323	49.906	ng	97
25) Isophorone	7.563	82	854678	48.301	ng	98
26) 2-Nitrophenol	7.640	139	240538	52.620	ng	99
27) 2,4-Dimethylphenol	7.687	122	325711	42.390	ng	98
28) bis(2-Chloroethoxy)met...	7.775	93	535410	50.554	ng	99
29) 2,4-Dichlorophenol	7.887	162	359586	50.505	ng	99
30) 1,2,4-Trichlorobenzene	7.963	180	360908	48.497	ng	97
31) Naphthalene	8.039	128	1212513	47.668	ng	99
32) Benzoic acid	7.840	122	266961	46.140	ng	97
33) 4-Chloroaniline	8.110	127	118498	10.618	ng	97
34) Hexachlorobutadiene	8.151	225	202883	45.213	ng	99
35) Caprolactam	8.481	113	81969	34.303	ng	98
36) 4-Chloro-3-methylphenol	8.598	107	401548	50.745	ng	99
37) 2-Methylnaphthalene	8.734	142	777180	45.453	ng	98
38) 1-Methylnaphthalene	8.828	142	748036	46.728	ng	100
40) 1,2,4,5-Tetrachloroben...	8.898	216	370753	46.799	ng	100
41) Hexachlorocyclopentadiene	8.881	237	158631	48.633	ng	99
43) 2,4,6-Trichlorophenol	9.022	196	244132	47.066	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.069	196	263323	44.083	ng	98
46) 1,1'-Biphenyl	9.198	154	982043	46.732	ng	97
47) 2-Chloronaphthalene	9.222	162	722485	47.385	ng	99
48) 2-Nitroaniline	9.334	65	296903	50.123	ng	100
49) Acenaphthylene	9.639	152	1180330	46.580	ng	100
50) Dimethylphthalate	9.504	163	875278	47.343	ng	100
51) 2,6-Dinitrotoluene	9.575	165	201236	49.686	ng	97
52) Acenaphthene	9.810	154	700476	46.794	ng	98
53) 3-Nitroaniline	9.745	138	155806	32.772	ng	98
54) 2,4-Dinitrophenol	9.863	184	194522	84.243	ng	91
55) Dibenzofuran	9.986	168	986176	43.172	ng	99
56) 4-Nitrophenol	9.933	139	235349	77.890	ng	95
57) 2,4-Dinitrotoluene	9.986	165	223922	44.162	ng	# 84
58) Fluorene	10.328	166	798581	45.475	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.110	232	210878	45.893	ng	99
60) Diethylphthalate	10.204	149	864188	46.575	ng	98
61) 4-Chlorophenyl-phenyle...	10.322	204	372399	44.146	ng	94
62) 4-Nitroaniline	10.369	138	204839	44.823	ng	97
63) Azobenzene	10.480	77	883217	48.637	ng	96
65) 4,6-Dinitro-2-methylph...	10.398	198	134130	48.632	ng	99
66) n-Nitrosodiphenylamine	10.445	169	735794	46.803	ng	99
67) 4-Bromophenyl-phenylether	10.810	248	236816	45.853	ng	96
68) Hexachlorobenzene	10.875	284	255424	48.545	ng	# 89
69) Atrazine	10.980	200	218320	51.611	ng	98
70) Pentachlorophenol	11.080	266	208987	66.387	ng	99
71) Phenanthrene	11.292	178	1146966	46.701	ng	98
72) Anthracene	11.345	178	1172684	46.452	ng	99
73) Carbazole	11.510	167	1122974	48.865	ng	99
74) Di-n-butylphthalate	11.833	149	1350780	49.882	ng	99
75) Fluoranthene	12.492	202	1192013	46.579	ng	99
77) Benzidine	12.622	184	142661	27.058	ng	99
78) Pyrene	12.722	202	1204241	49.148	ng	99
80) Butylbenzylphthalate	13.339	149	498337	57.766	ng	95
81) Benzo(a)anthracene	13.916	228	807256	48.577	ng	99
82) 3,3'-Dichlorobenzidine	13.880	252	229516	44.217	ng	# 98
83) Chrysene	13.951	228	798668	48.339	ng	100
84) Bis(2-ethylhexyl)phtha...	13.904	149	604506	68.286	ng	99
85) Di-n-octyl phthalate	14.516	149	952825	67.728	ng	99
87) Indeno(1,2,3-cd)pyrene	16.874	276	833371	46.053	ng	98
88) Benzo(b)fluoranthene	14.963	252	768621	51.445	ng	# 96
89) Benzo(k)fluoranthene	14.992	252	670069	45.402	ng	# 98
90) Benzo(a)pyrene	15.327	252	672268	47.184	ng	99
91) Dibenzo(a,h)anthracene	16.880	278	683613	46.170	ng	99
92) Benzo(g,h,i)perylene	17.315	276	676284	43.735	ng	98

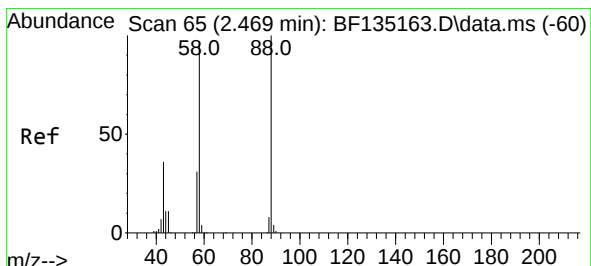
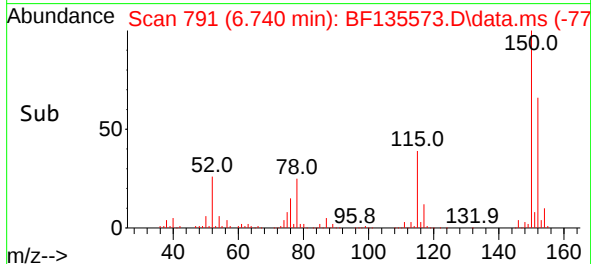
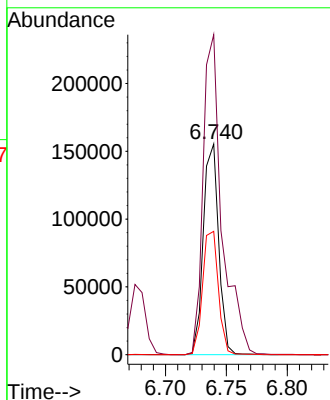
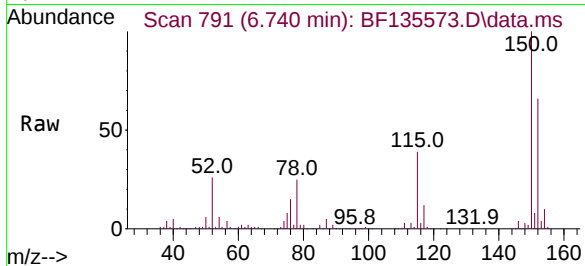
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.740 min Scan# 79
 Delta R.T. 0.001 min
 Lab File: BF135573.D
 Acq: 04 Oct 2023 16:07

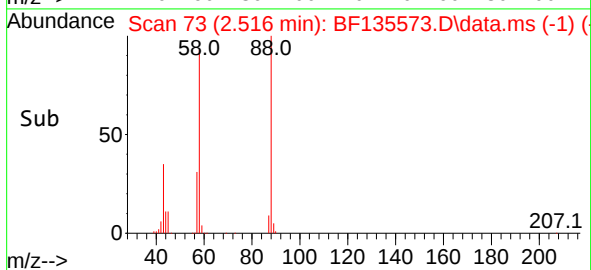
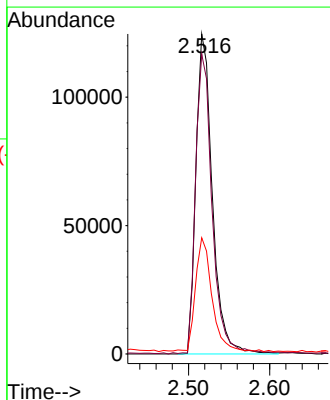
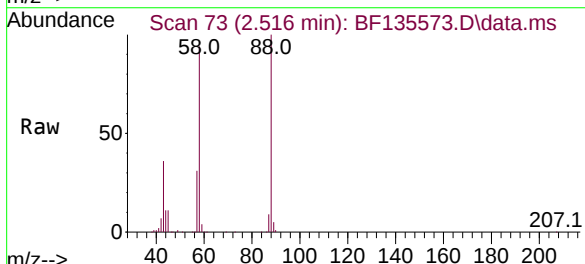
Instrument :
 BNA_F
 ClientSampleId :
 280-300FB-BACKFILL-03MSD

Tgt Ion:152 Resp: 136400
 Ion Ratio Lower Upper
 152 100
 150 151.8 127.8 191.6
 115 58.5 49.8 74.8



#2
 1,4-Dioxane
 Concen: 47.794 ng
 RT: 2.516 min Scan# 73
 Delta R.T. 0.094 min
 Lab File: BF135573.D
 Acq: 04 Oct 2023 16:07

Tgt Ion: 88 Resp: 175712
 Ion Ratio Lower Upper
 88 100
 58 95.4 78.3 117.5
 43 35.1 29.4 44.0

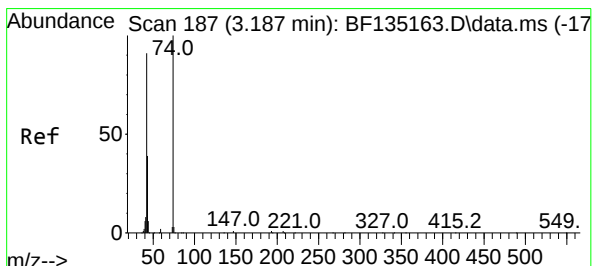
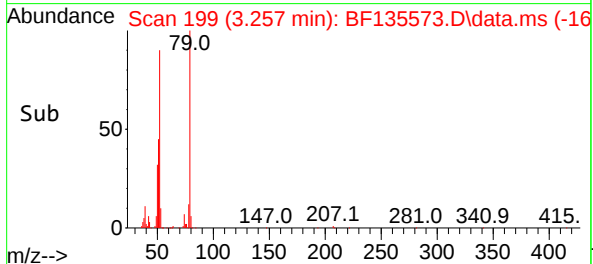
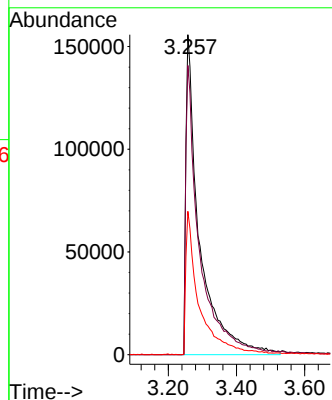
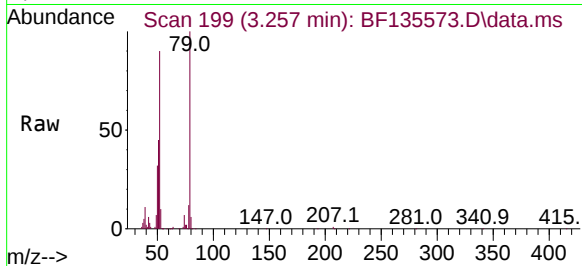




#3
Pyridine
Concen: 43.785 ng
RT: 3.257 min Scan# 192
Delta R.T. 0.094 min
Lab File: BF135573.D
Acq: 04 Oct 2023 16:07

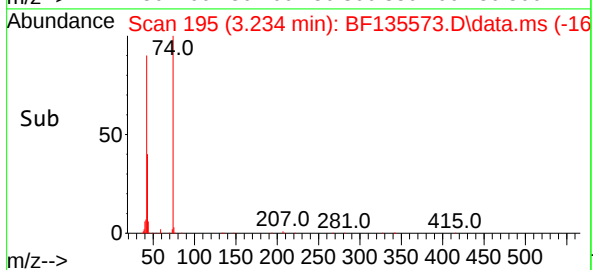
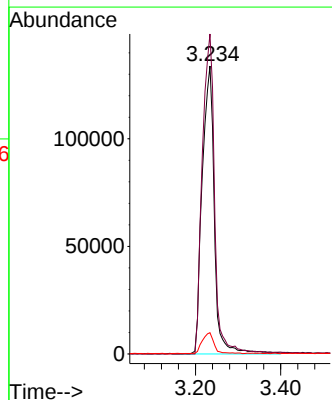
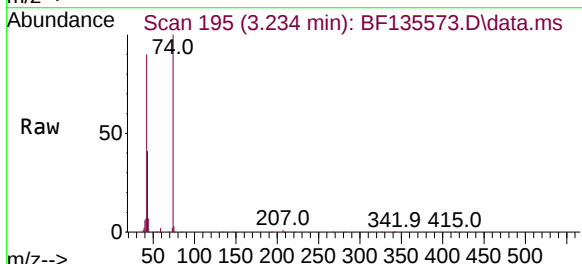
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-03MSD

Tgt Ion: 79 Resp: 433235
Ion Ratio Lower Upper
79 100
52 90.4 74.1 111.1
51 44.8 35.8 53.8



#4
n-Nitrosodimethylamine
Concen: 50.482 ng
RT: 3.234 min Scan# 195
Delta R.T. 0.100 min
Lab File: BF135573.D
Acq: 04 Oct 2023 16:07

Tgt Ion: 42 Resp: 265064
Ion Ratio Lower Upper
42 100
74 111.1 87.7 131.5
44 7.4 5.6 8.4

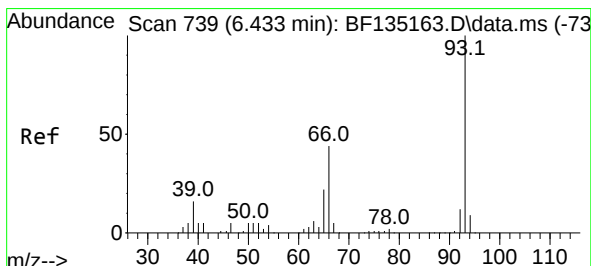
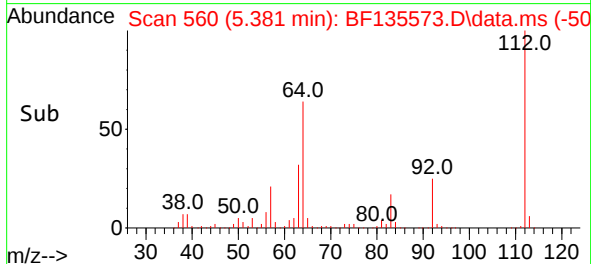
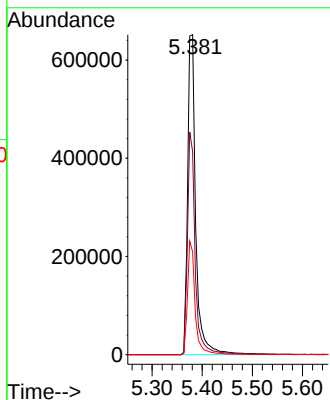
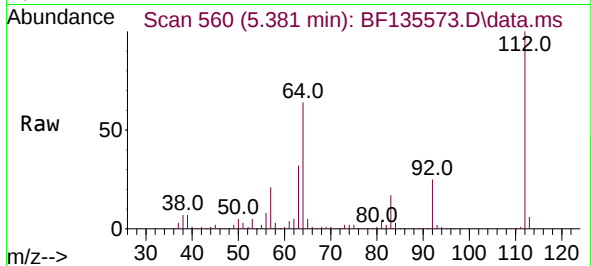




#5
2-Fluorophenol
Concen: 87.813 ng
RT: 5.381 min Scan# 501
Delta R.T. 0.012 min
Lab File: BF135573.D
Acq: 04 Oct 2023 16:07

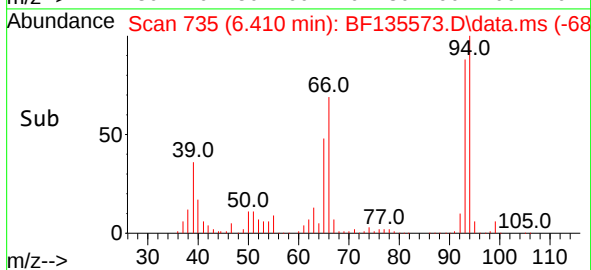
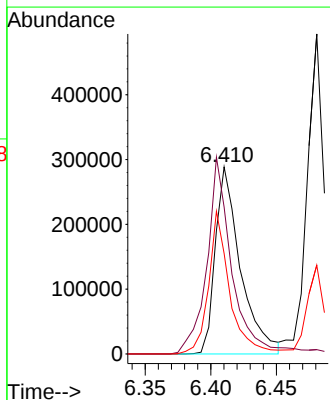
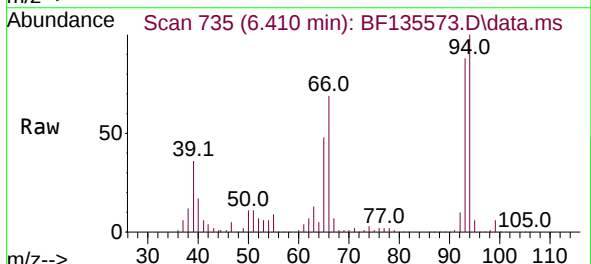
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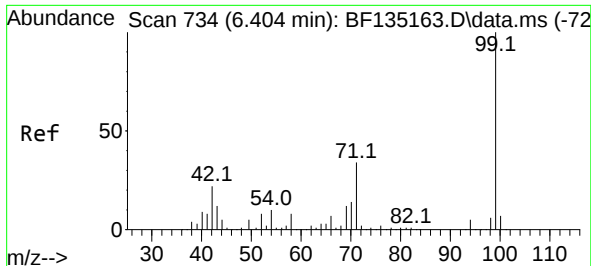
Tgt Ion:112 Resp: 736431
Ion Ratio Lower Upper
112 100
64 63.5 55.9 83.9
63 32.1 29.0 43.6



#6
Aniline
Concen: 27.491 ng
RT: 6.410 min Scan# 735
Delta R.T. 0.000 min
Lab File: BF135573.D
Acq: 04 Oct 2023 16:07

Tgt Ion: 93 Resp: 384421
Ion Ratio Lower Upper
93 100
66 78.5 35.4 53.0#
65 53.7 17.8 26.8#

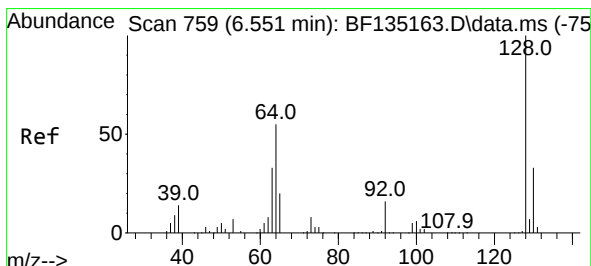
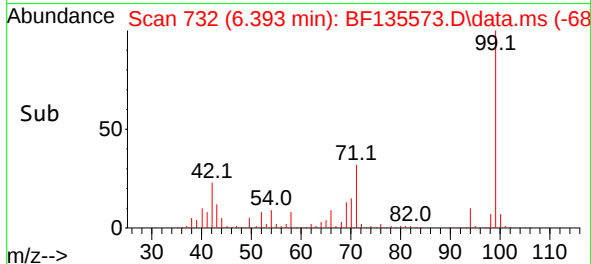
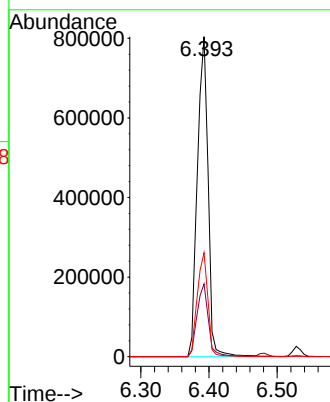
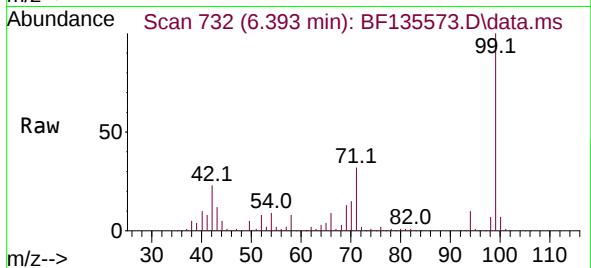




#7
Phenol-d6
Concen: 82.319 ng
RT: 6.393 min Scan# 711
Delta R.T. 0.006 min
Lab File: BF135573.D
Acq: 04 Oct 2023 16:07

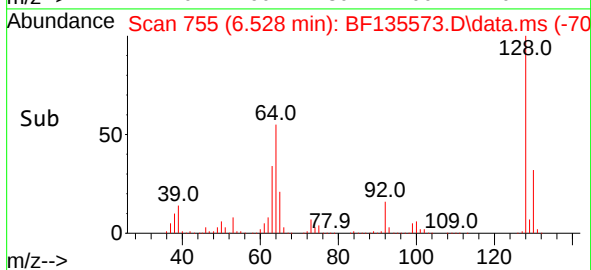
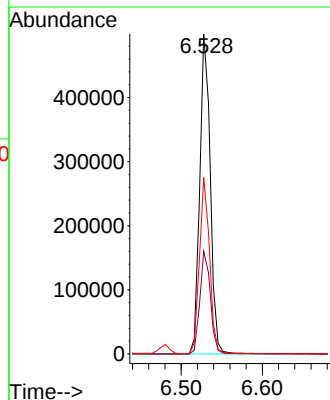
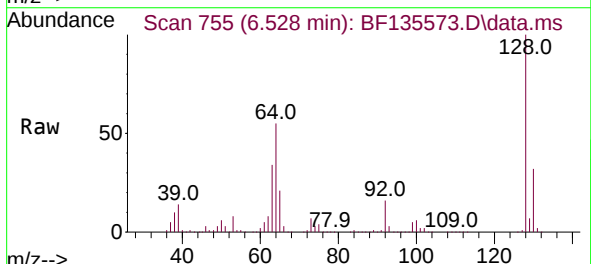
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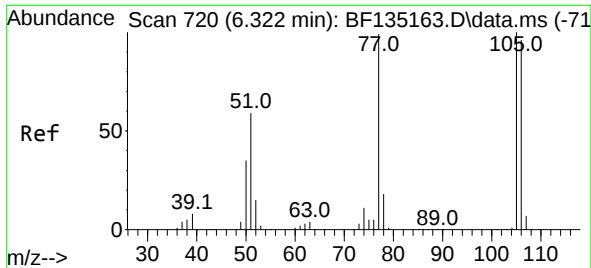
Tgt Ion: 99 Resp: 877835
Ion Ratio Lower Upper
99 100
42 22.8 17.9 26.9
71 32.5 27.0 40.6



#8
2-Chlorophenol
Concen: 50.323 ng
RT: 6.528 min Scan# 755
Delta R.T. 0.000 min
Lab File: BF135573.D
Acq: 04 Oct 2023 16:07

Tgt Ion:128 Resp: 450519
Ion Ratio Lower Upper
128 100
130 32.1 12.7 52.7
64 55.2 35.9 75.9





#9

Benzaldehyde

Concen: 15.565 ng

RT: 6.298 min Scan# 716

Delta R.T. 0.000 min

Lab File: BF135573.D

Acq: 04 Oct 2023 16:07

Instrument :

BNA_F

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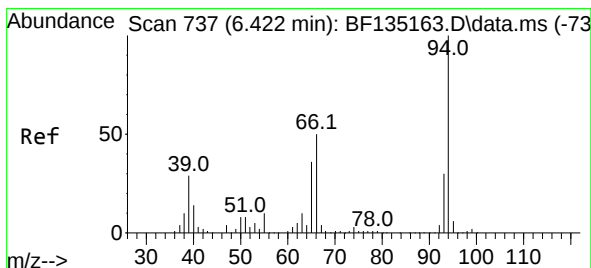
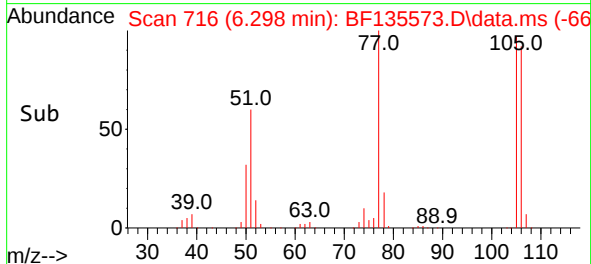
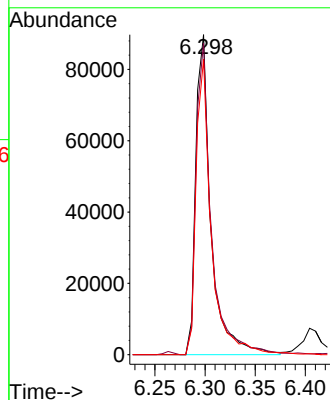
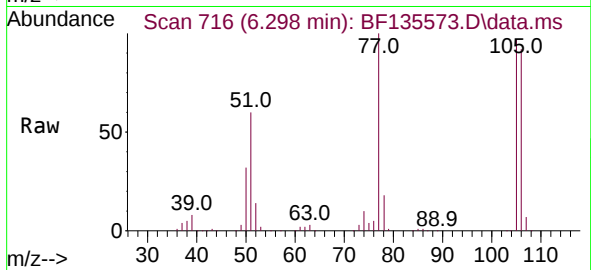
Tgt Ion: 77 Resp: 94554

Ion Ratio Lower Upper

77 100

105 97.4 81.4 121.4

106 92.3 76.9 116.9



#10

Phenol

Concen: 45.296 ng

RT: 6.404 min Scan# 734

Delta R.T. 0.000 min

Lab File: BF135573.D

Acq: 04 Oct 2023 16:07

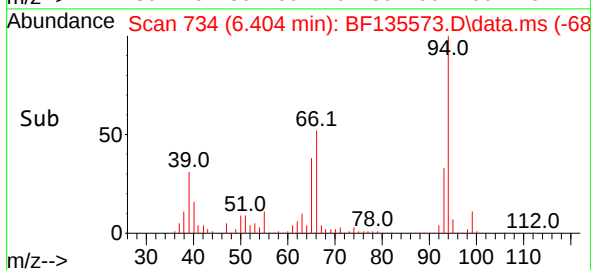
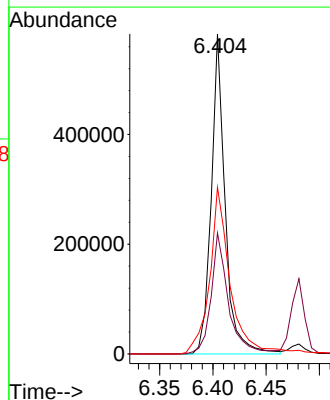
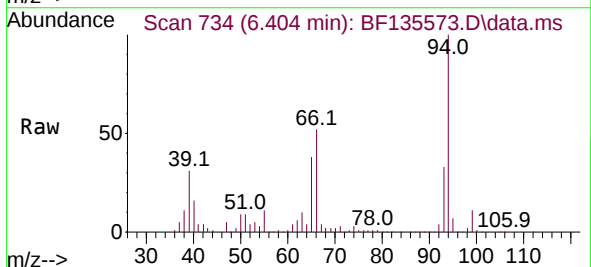
Tgt Ion: 94 Resp: 529658

Ion Ratio Lower Upper

94 100

65 37.8 15.9 55.9

66 52.1 29.8 69.8





#11

bis(2-Chloroethyl)ether

Concen: 50.784 ng

RT: 6.481 min Scan# 74

Delta R.T. 0.000 min

Lab File: BF135573.D

Acq: 04 Oct 2023 16:07

Instrument :

BNA_F

ClientSampleId :

280-300FB-BACKFILL-03MSD

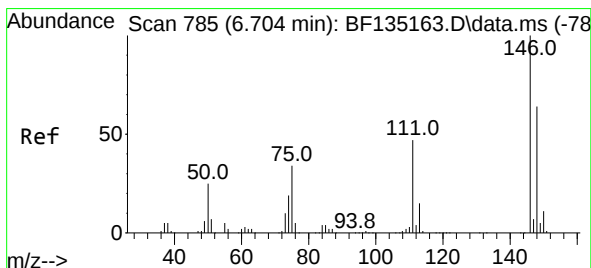
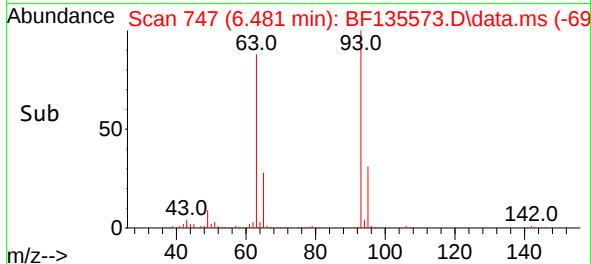
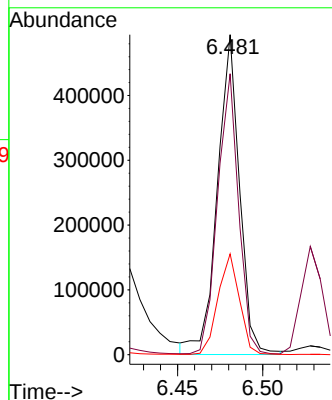
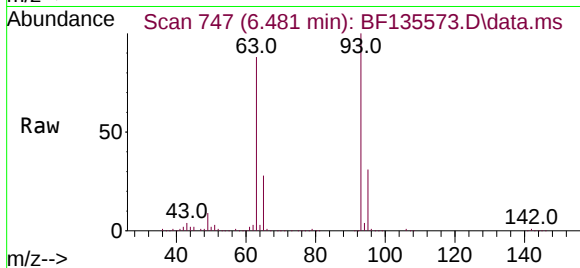
Tgt Ion: 93 Resp: 445438

Ion Ratio Lower Upper

93 100

63 87.8 67.3 107.3

95 31.5 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 47.460 ng

RT: 6.675 min Scan# 780

Delta R.T. -0.006 min

Lab File: BF135573.D

Acq: 04 Oct 2023 16:07

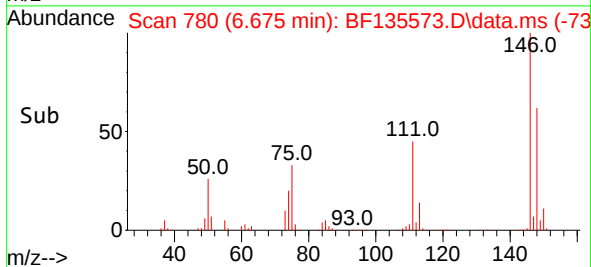
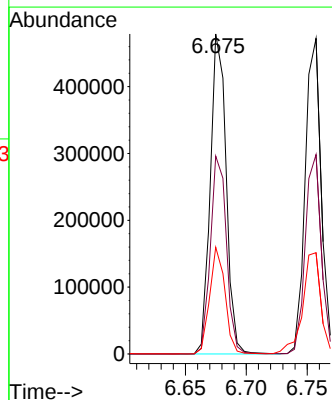
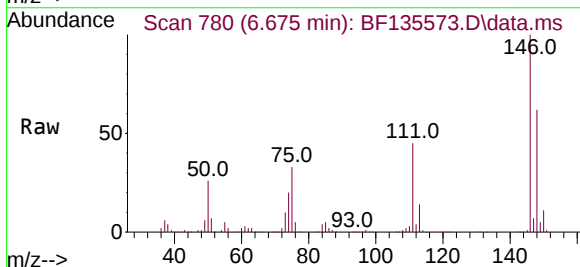
Tgt Ion:146 Resp: 431806

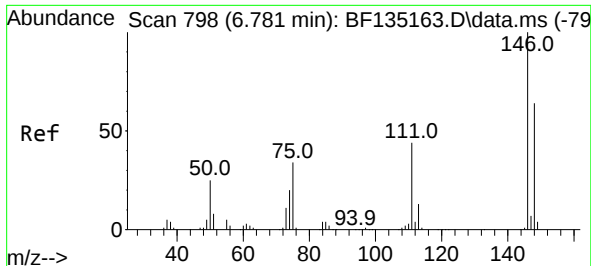
Ion Ratio Lower Upper

146 100

148 61.9 51.3 76.9

75 33.4 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 46.944 ng

RT: 6.757 min Scan# 798

Delta R.T. 0.000 min

Lab File: BF135573.D

Acq: 04 Oct 2023 16:07

Instrument :

BNA_F

ClientSampleId :

280-300FB-BACKFILL-03MSD

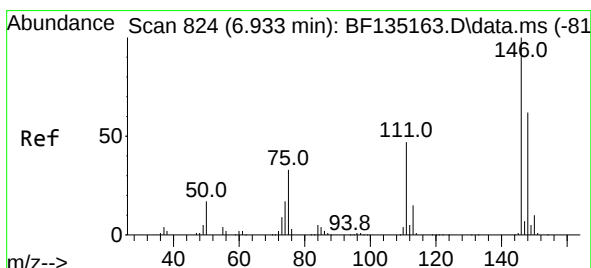
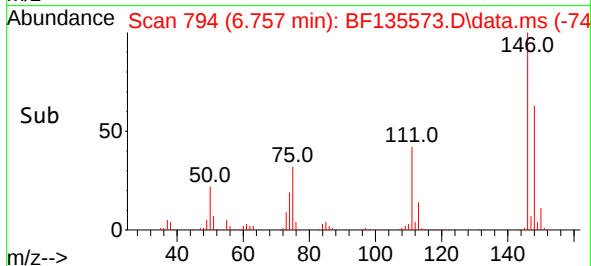
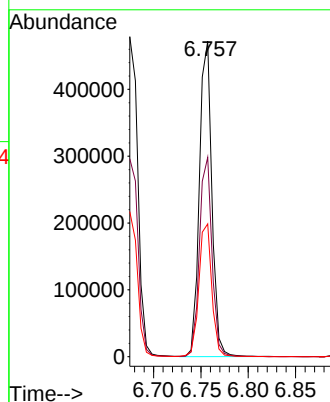
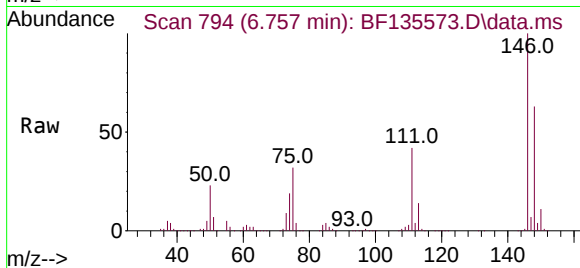
Tgt Ion:146 Resp: 434540

Ion Ratio Lower Upper

146 100

148 63.2 51.3 76.9

111 42.1 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 47.704 ng

RT: 6.904 min Scan# 819

Delta R.T. -0.006 min

Lab File: BF135573.D

Acq: 04 Oct 2023 16:07

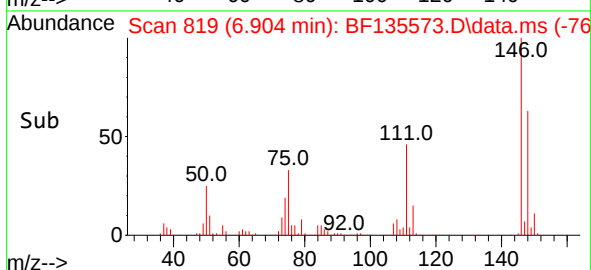
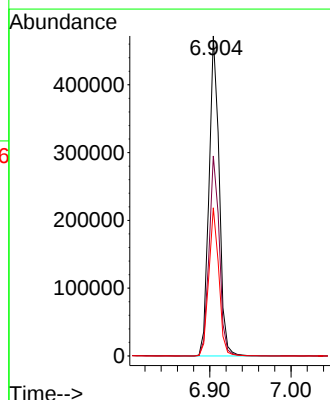
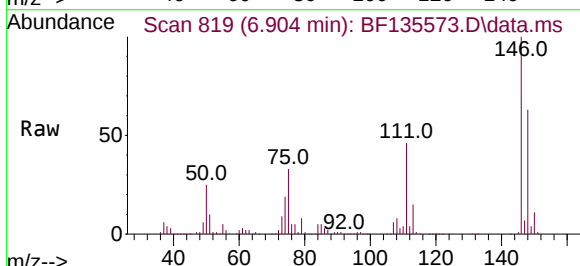
Tgt Ion:146 Resp: 410079

Ion Ratio Lower Upper

146 100

148 62.5 49.7 74.5

111 46.3 37.4 56.2

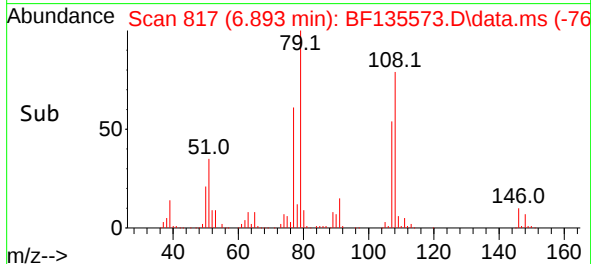
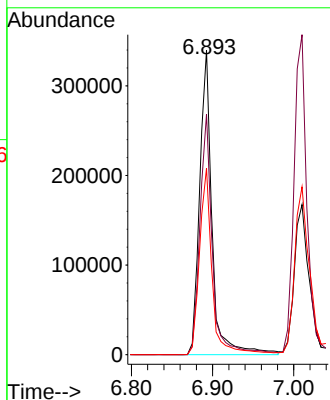
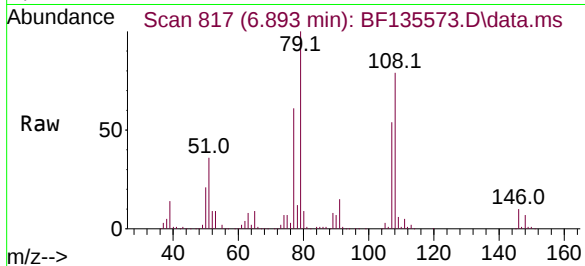




#15
Benzyl Alcohol
Concen: 47.138 ng
RT: 6.893 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF135573.D
Acq: 04 Oct 2023 16:07

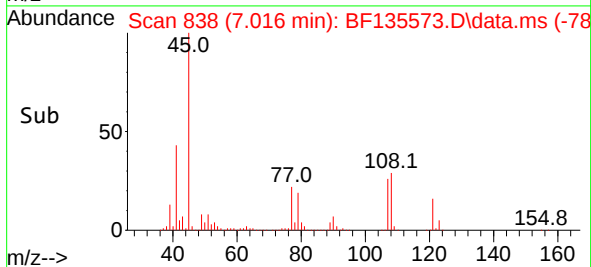
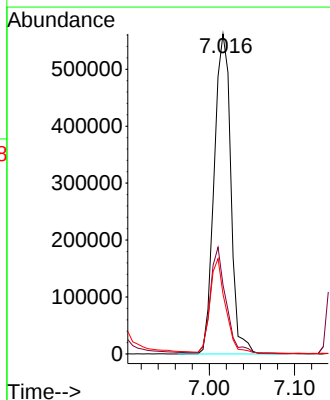
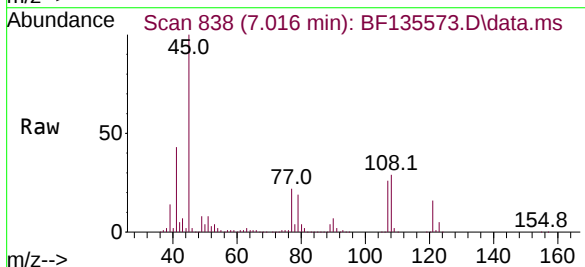
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-03MSD

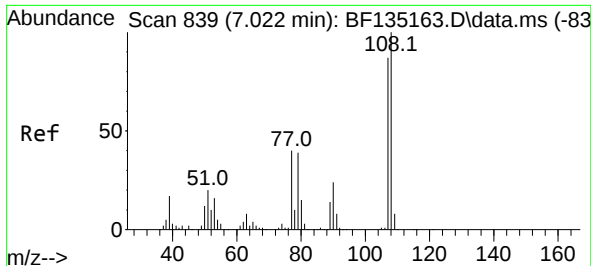
Tgt Ion: 79 Resp: 360711
Ion Ratio Lower Upper
79 100
108 79.0 61.2 91.8
77 61.2 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.030 ng
RT: 7.016 min Scan# 838
Delta R.T. 0.000 min
Lab File: BF135573.D
Acq: 04 Oct 2023 16:07

Tgt Ion: 45 Resp: 761015
Ion Ratio Lower Upper
45 100
77 21.6 0.0 30.6
79 18.7 0.0 28.3

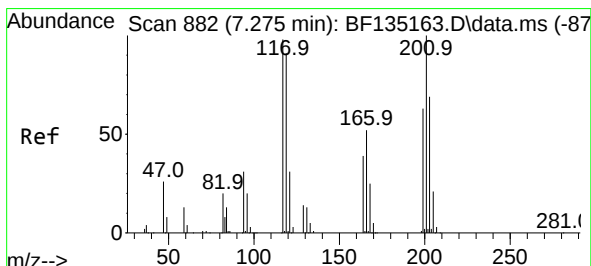
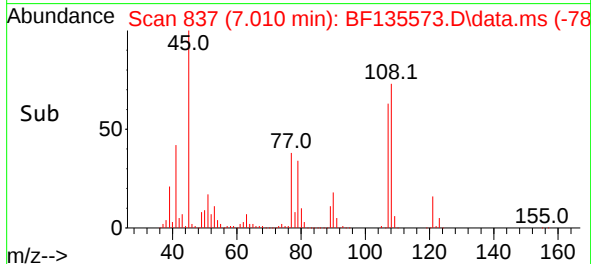
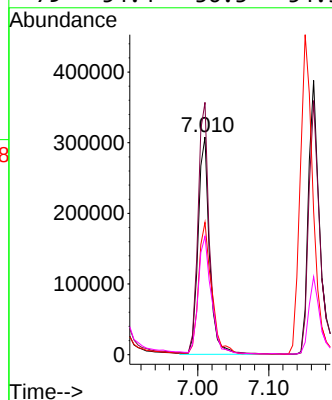
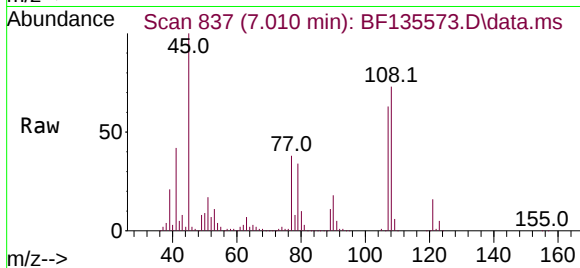




#17
2-Methylphenol
Concen: 43.816 ng
RT: 7.010 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF135573.D
Acq: 04 Oct 2023 16:07

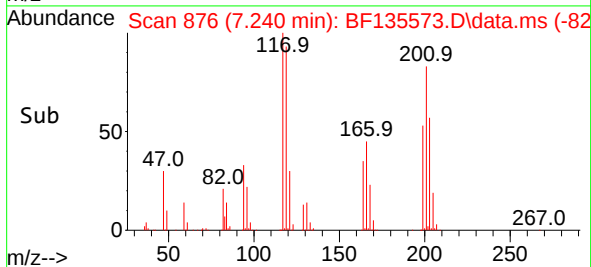
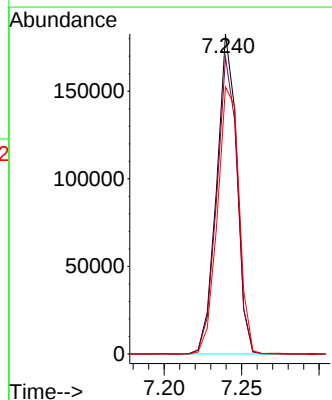
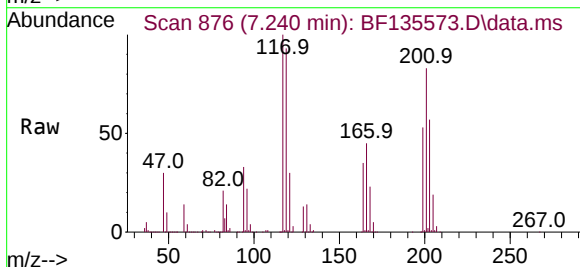
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-03MSD

Tgt Ion:107 Resp: 346158
Ion Ratio Lower Upper
107 100
108 116.0 92.0 138.0
77 60.8 36.7 55.1#
79 54.4 36.3 54.5



#18
Hexachloroethane
Concen: 48.347 ng
RT: 7.240 min Scan# 876
Delta R.T. 0.000 min
Lab File: BF135573.D
Acq: 04 Oct 2023 16:07

Tgt Ion:117 Resp: 165359
Ion Ratio Lower Upper
117 100
119 92.7 74.7 112.1
201 83.5 81.8 122.8





#19

n-Nitroso-di-n-propylamine

Concen: 43.525 ng

RT: 7.157 min Scan# 80

Delta R.T. 0.000 min

Lab File: BF135573.D

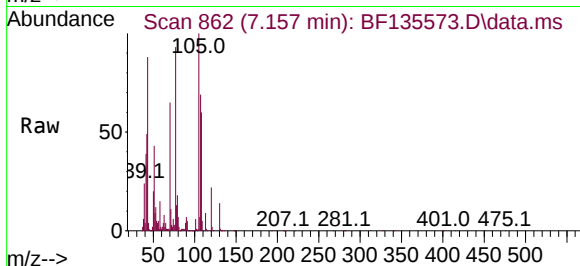
Acq: 04 Oct 2023 16:07

Instrument :

BNA_F

ClientSampleId :

280-300FB-BACKFILL-03MSD



Tgt Ion: 70 Resp: 287491

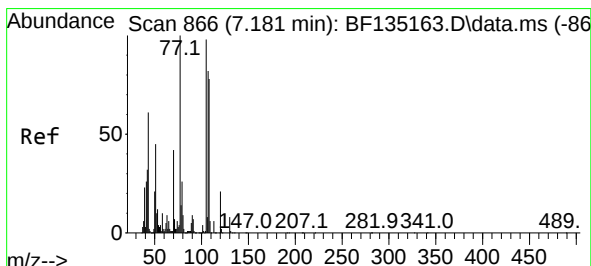
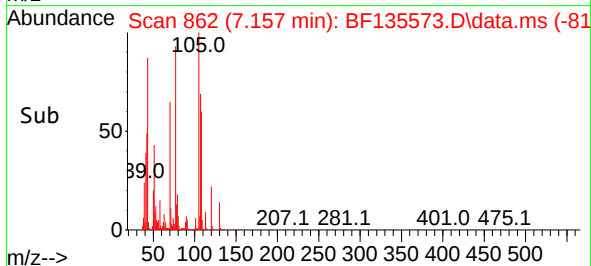
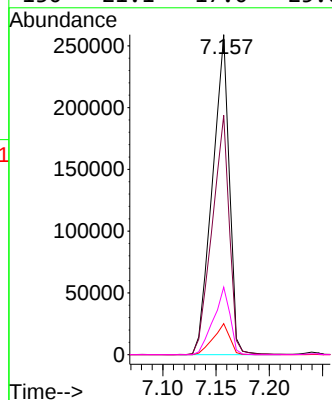
Ion Ratio Lower Upper

70 100

42 74.8 55.4 83.0

101 9.7 7.7 11.5

130 21.1 17.0 25.6



#20

3+4-Methylphenols

Concen: 45.156 ng

RT: 7.163 min Scan# 863

Delta R.T. 0.000 min

Lab File: BF135573.D

Acq: 04 Oct 2023 16:07

Tgt Ion: 107 Resp: 428975

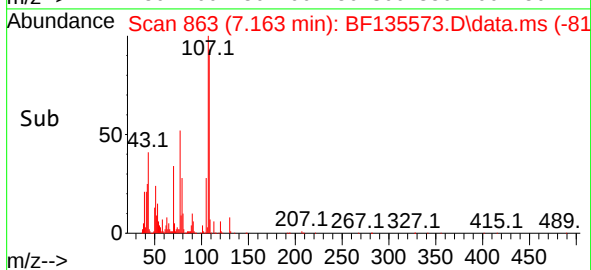
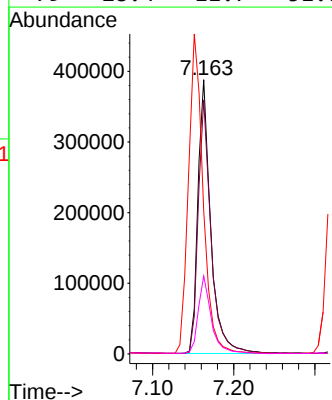
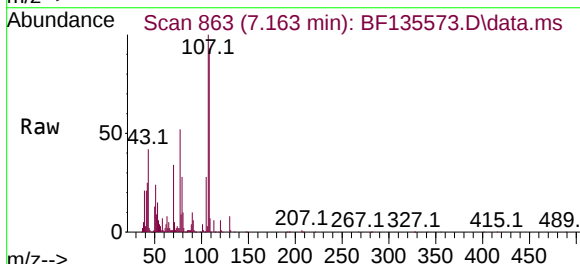
Ion Ratio Lower Upper

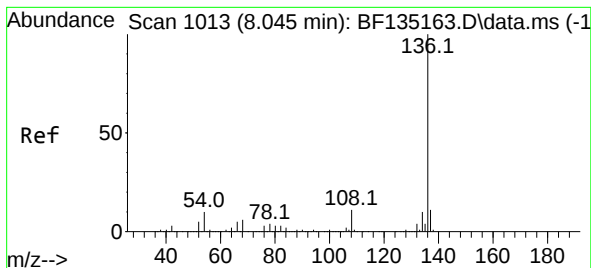
107 100

108 92.6 74.7 114.7

77 52.2 102.0 142.0#

79 28.4 11.7 51.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.016 min Scan# 10

Delta R.T. 0.000 min

Lab File: BF135573.D

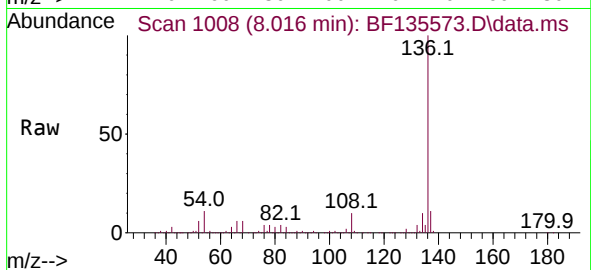
Acq: 04 Oct 2023 16:07

Instrument :

BNA_F

ClientSampleId :

280-300FB-BACKFILL-03MSD



Tgt Ion:136 Resp: 523532

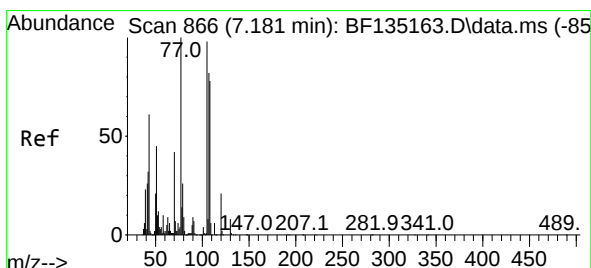
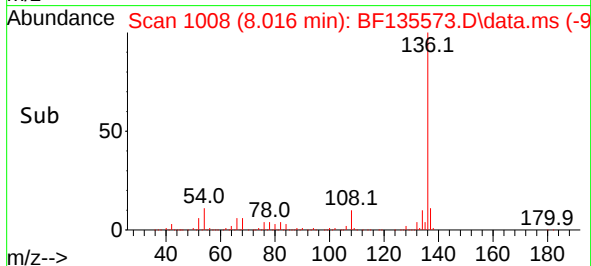
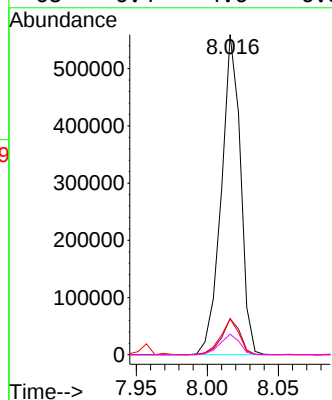
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 11.2 7.7 11.5

68 6.4 4.6 6.8



#22

Acetophenone

Concen: 47.499 ng

RT: 7.151 min Scan# 861

Delta R.T. 0.000 min

Lab File: BF135573.D

Acq: 04 Oct 2023 16:07

Tgt Ion:105 Resp: 568524

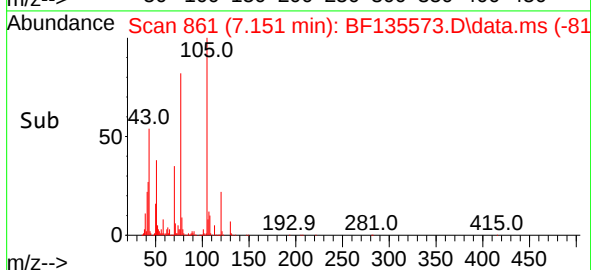
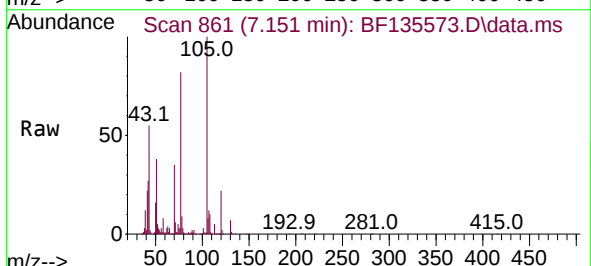
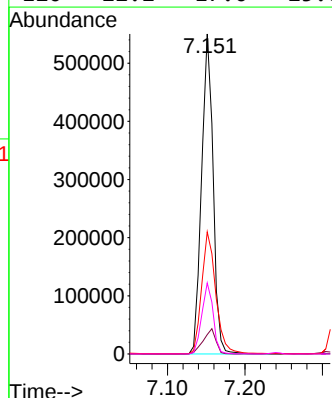
Ion Ratio Lower Upper

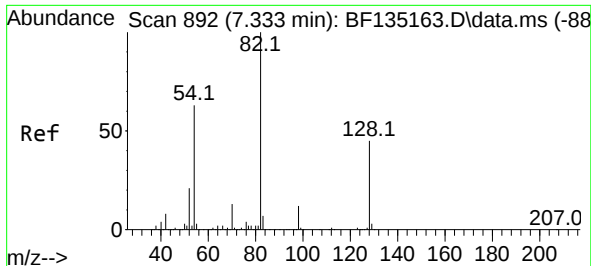
105 100

71 6.0 5.8 8.6

51 38.1 37.0 55.4

120 22.2 17.0 25.6

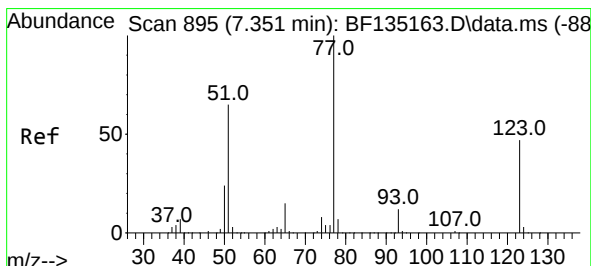
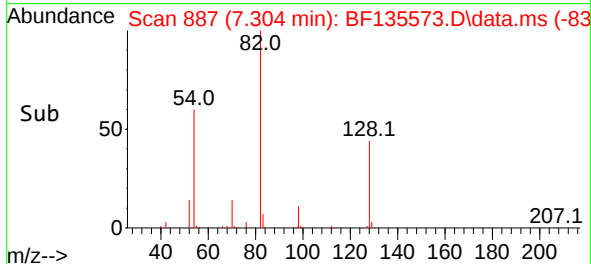
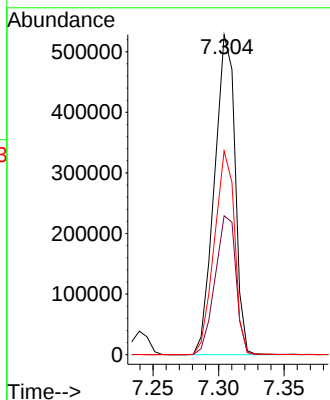
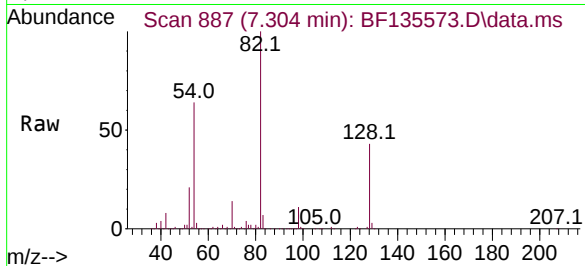




#23
Nitrobenzene-d5
Concen: 59.792 ng
RT: 7.304 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF135573.D
Acq: 04 Oct 2023 16:07

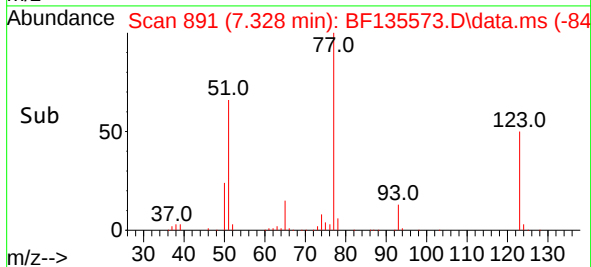
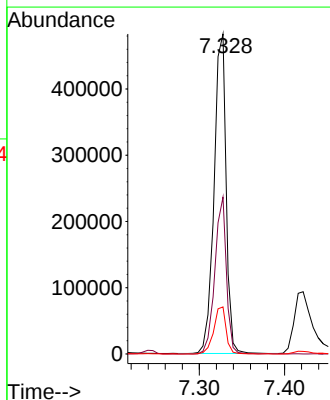
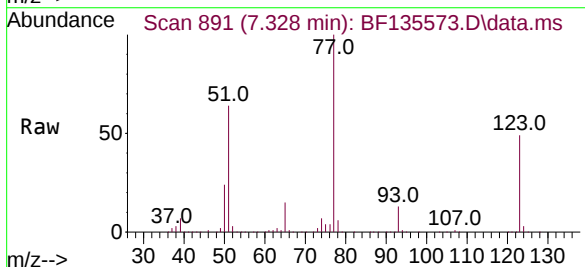
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-03MSD

Tgt Ion: 82 Resp: 576170
Ion Ratio Lower Upper
82 100
128 43.4 35.8 53.6
54 63.7 50.6 76.0



#24
Nitrobenzene
Concen: 49.906 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.000 min
Lab File: BF135573.D
Acq: 04 Oct 2023 16:07

Tgt Ion: 77 Resp: 475323
Ion Ratio Lower Upper
77 100
123 49.0 37.6 56.4
65 14.7 12.2 18.4

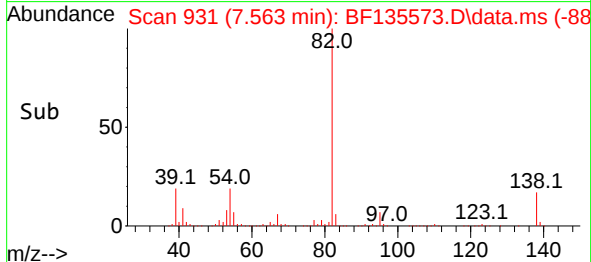
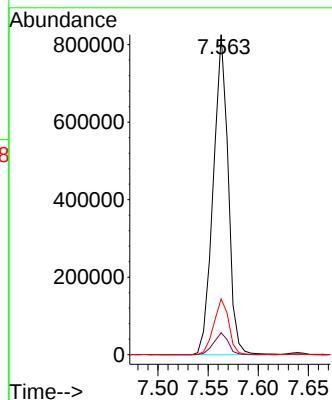
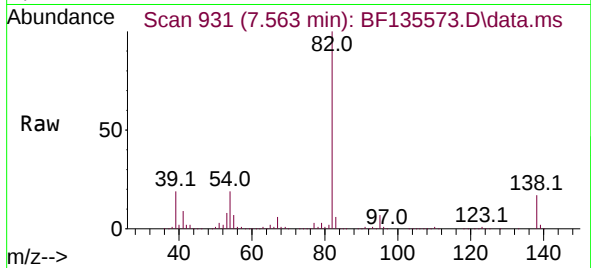




#25
Isophorone
Concen: 48.301 ng
RT: 7.563 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF135573.D
Acq: 04 Oct 2023 16:07

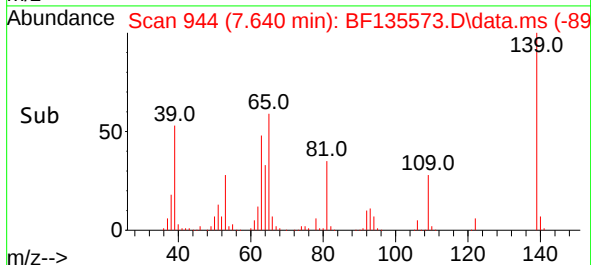
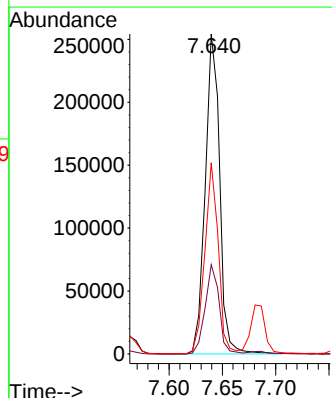
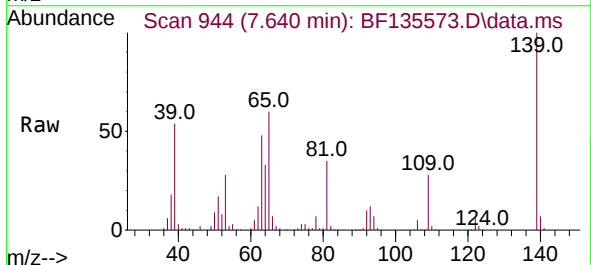
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-03MSD

Tgt Ion: 82 Resp: 854678
Ion Ratio Lower Upper
82 100
95 6.8 6.0 9.0
138 17.5 14.5 21.7



#26
2-Nitrophenol
Concen: 52.620 ng
RT: 7.640 min Scan# 944
Delta R.T. 0.000 min
Lab File: BF135573.D
Acq: 04 Oct 2023 16:07

Tgt Ion:139 Resp: 240538
Ion Ratio Lower Upper
139 100
109 27.9 22.6 33.8
65 59.7 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 42.390 ng

RT: 7.687 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF135573.D

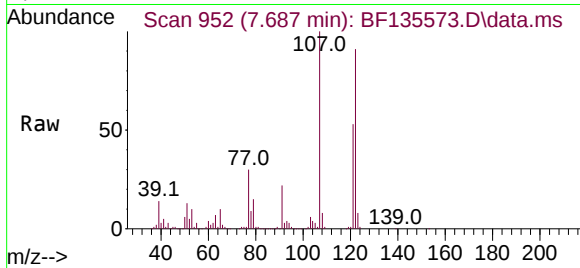
Acq: 04 Oct 2023 16:07

Instrument :

BNA_F

ClientSampleId :

280-300FB-BACKFILL-03MSD



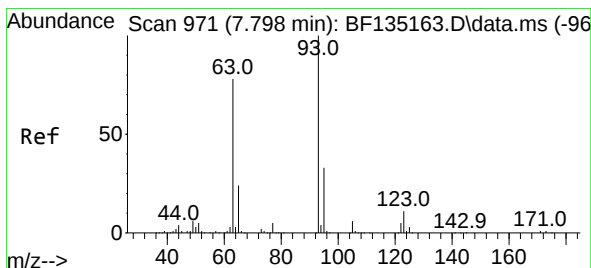
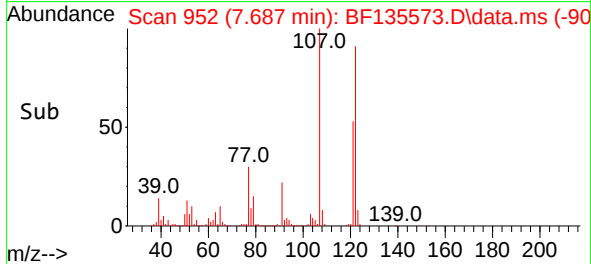
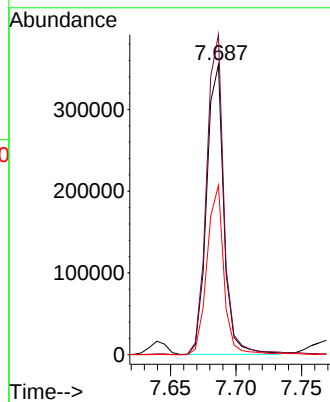
Tgt Ion:122 Resp: 325711

Ion Ratio Lower Upper

122 100

107 110.3 90.2 135.4

121 58.4 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 50.554 ng

RT: 7.775 min Scan# 967

Delta R.T. 0.000 min

Lab File: BF135573.D

Acq: 04 Oct 2023 16:07

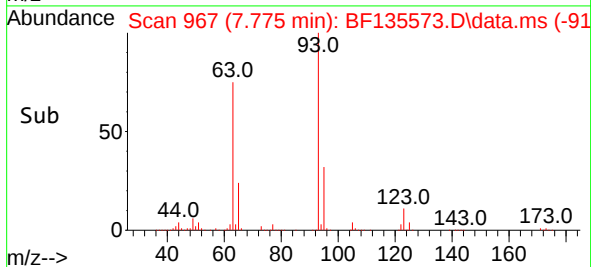
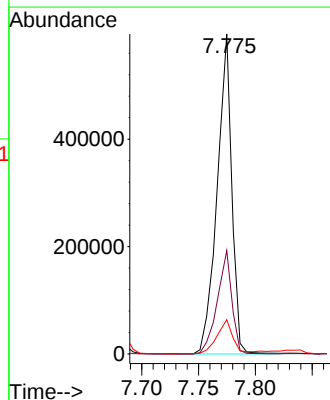
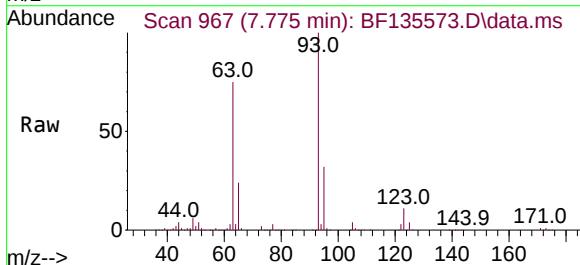
Tgt Ion: 93 Resp: 535410

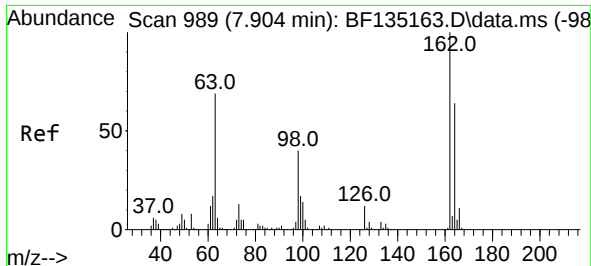
Ion Ratio Lower Upper

93 100

95 32.3 26.2 39.2

123 10.7 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 50.505 ng

RT: 7.887 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF135573.D

Acq: 04 Oct 2023 16:07

Instrument :

BNA_F

ClientSampleId :

280-300FB-BACKFILL-03MSD

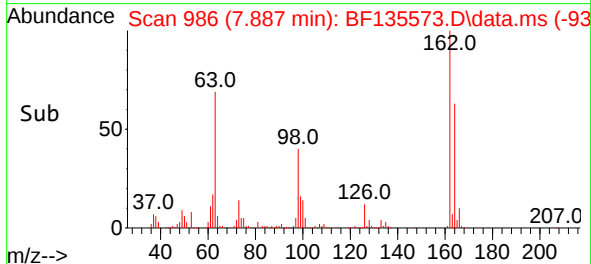
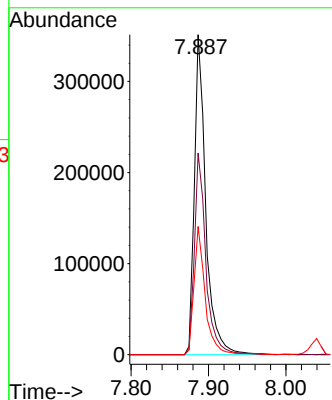
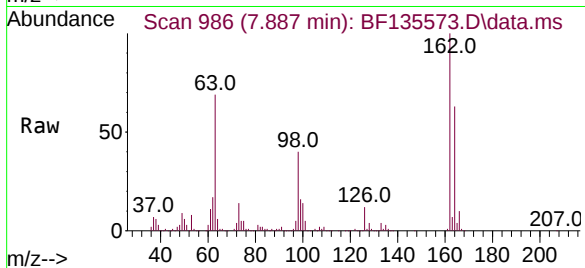
Tgt Ion:162 Resp: 359586

Ion Ratio Lower Upper

162 100

164 63.0 44.1 84.1

98 40.1 20.3 60.3



#30

1,2,4-Trichlorobenzene

Concen: 48.497 ng

RT: 7.963 min Scan# 999

Delta R.T. 0.000 min

Lab File: BF135573.D

Acq: 04 Oct 2023 16:07

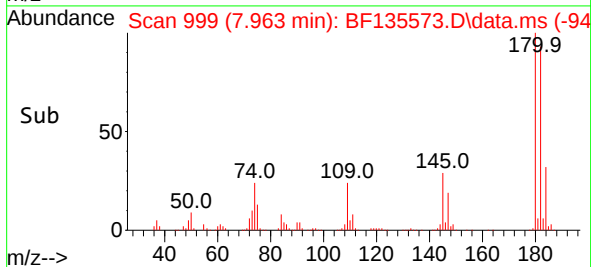
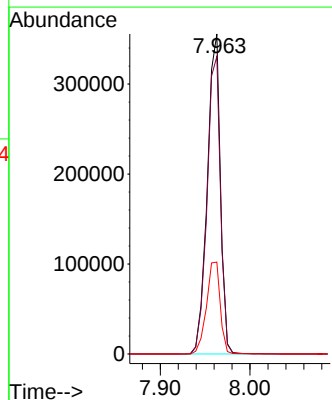
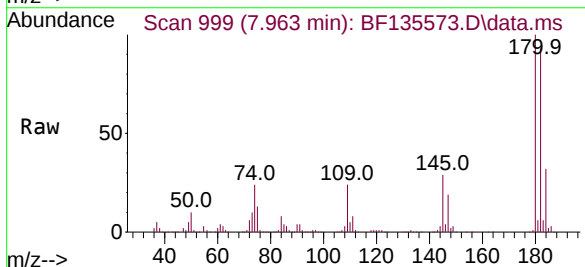
Tgt Ion:180 Resp: 360908

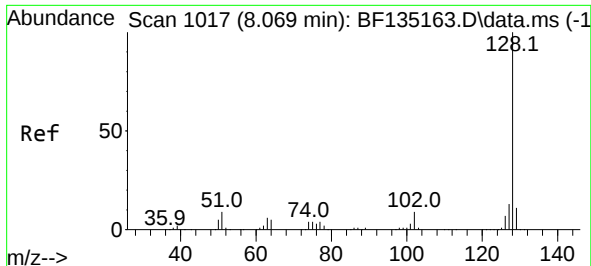
Ion Ratio Lower Upper

180 100

182 92.9 76.9 115.3

145 28.7 24.5 36.7

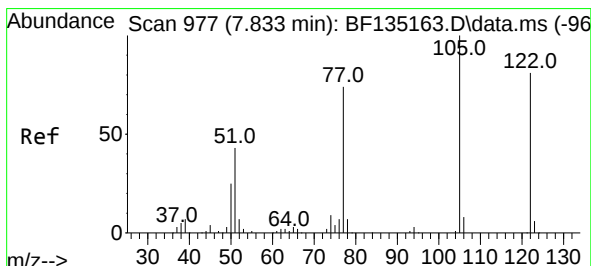
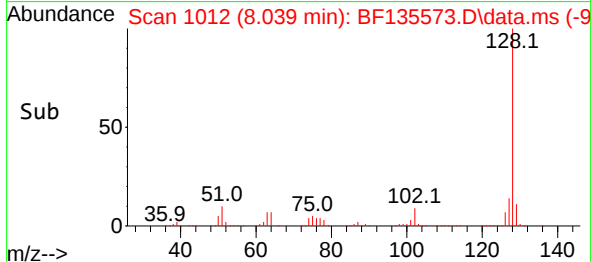
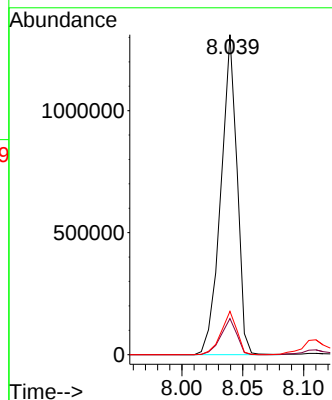
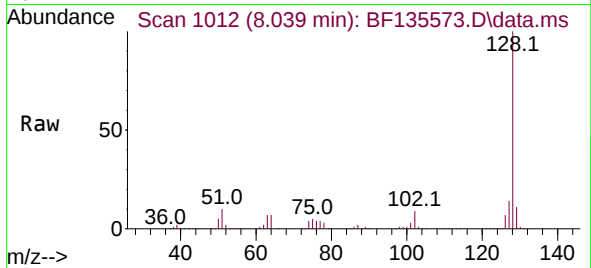




#31
Naphthalene
Concen: 47.668 ng
RT: 8.039 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF135573.D
Acq: 04 Oct 2023 16:07

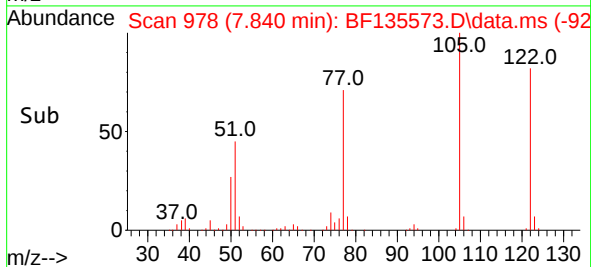
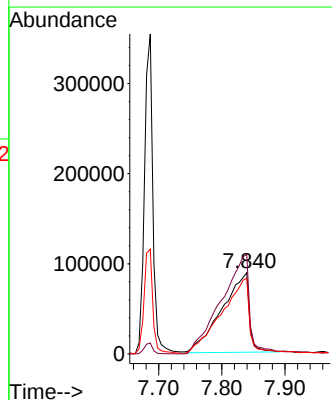
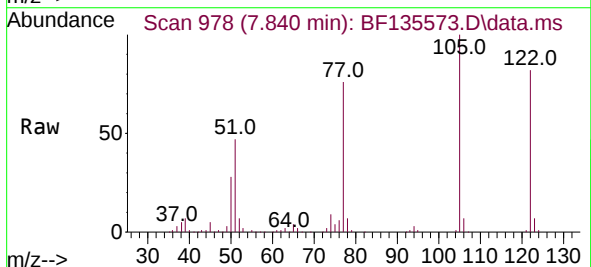
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-03MSD

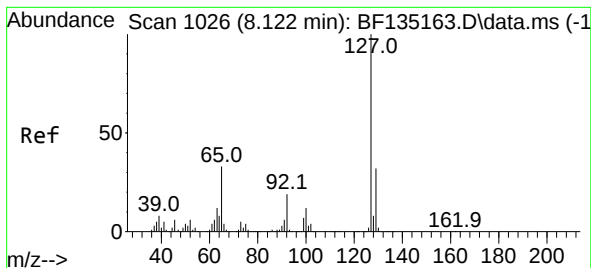
Tgt Ion:128 Resp: 1212513
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.5 10.7 16.1



#32
Benzoic acid
Concen: 46.140 ng
RT: 7.840 min Scan# 978
Delta R.T. 0.018 min
Lab File: BF135573.D
Acq: 04 Oct 2023 16:07

Tgt Ion:122 Resp: 266961
Ion Ratio Lower Upper
122 100
105 122.5 99.9 139.9
77 93.3 70.0 110.0





#33

4-Chloroaniline

Concen: 10.618 ng

RT: 8.110 min Scan# 1024

Delta R.T. 0.012 min

Lab File: BF135573.D

Acq: 04 Oct 2023 16:07

Instrument :

BNA_F

ClientSampleId :

280-300FB-BACKFILL-03MSD

Tgt Ion:127 Resp: 118498

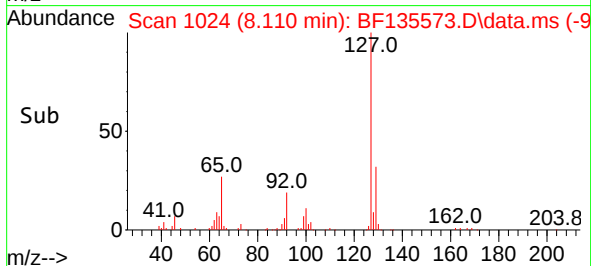
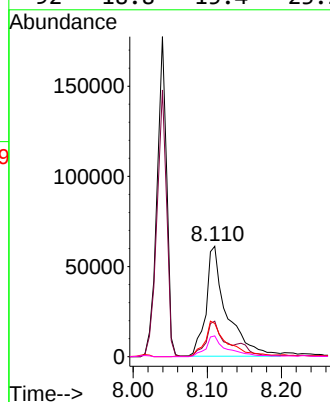
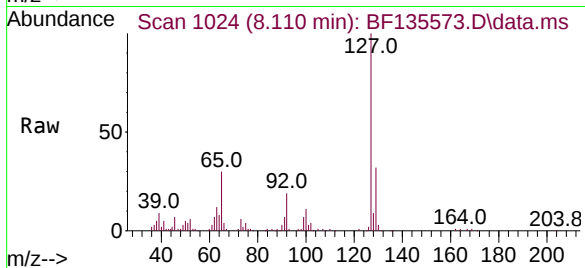
Ion Ratio Lower Upper

127 100

129 32.1 25.8 38.8

65 30.1 26.6 39.8

92 18.8 15.4 23.2



#34

Hexachlorobutadiene

Concen: 45.213 ng

RT: 8.151 min Scan# 1031

Delta R.T. 0.000 min

Lab File: BF135573.D

Acq: 04 Oct 2023 16:07

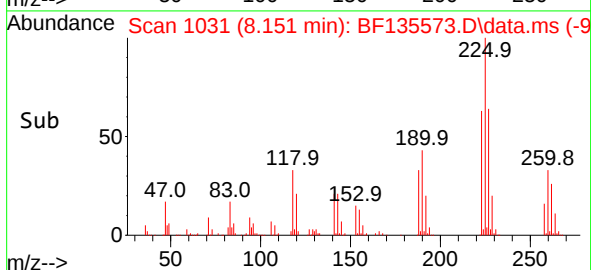
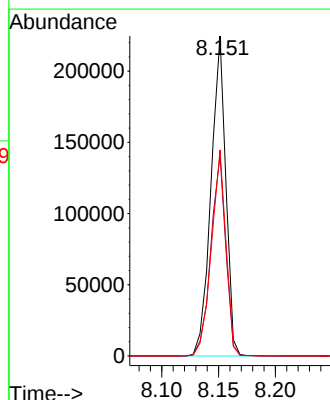
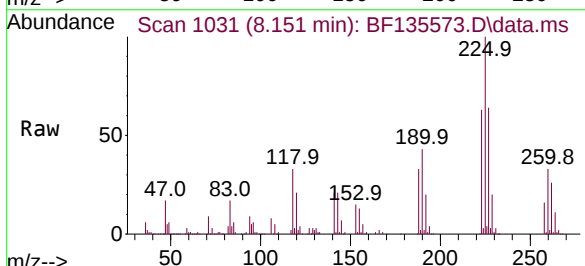
Tgt Ion:225 Resp: 202883

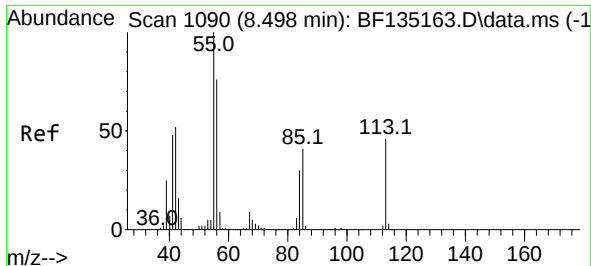
Ion Ratio Lower Upper

225 100

223 62.7 50.6 75.8

227 64.4 50.8 76.2

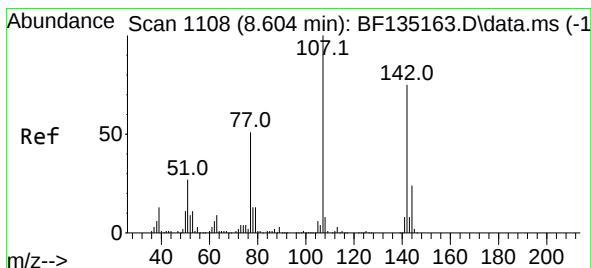
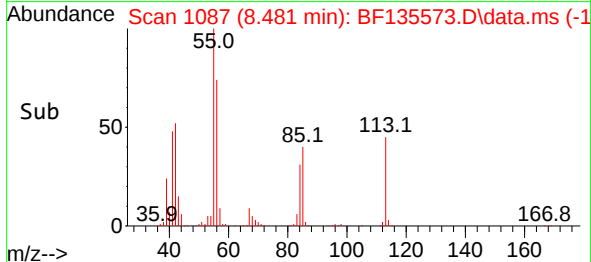
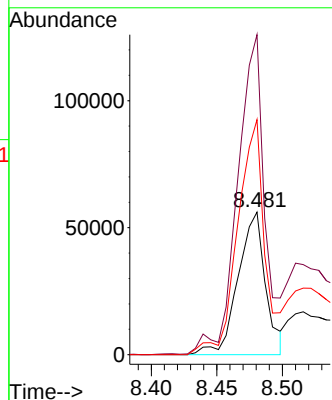
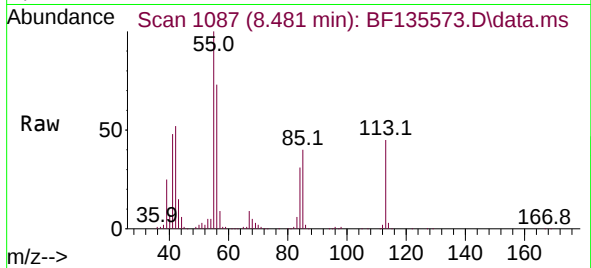




#35
Caprolactam
Concen: 34.303 ng
RT: 8.481 min Scan# 1107
Delta R.T. 0.012 min
Lab File: BF135573.D
Acq: 04 Oct 2023 16:07

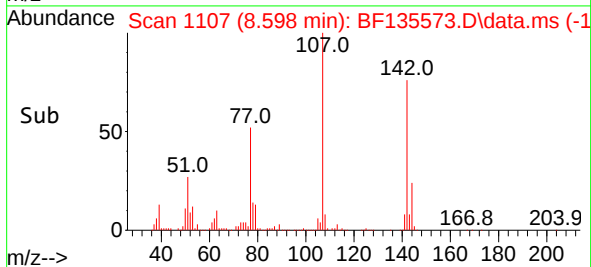
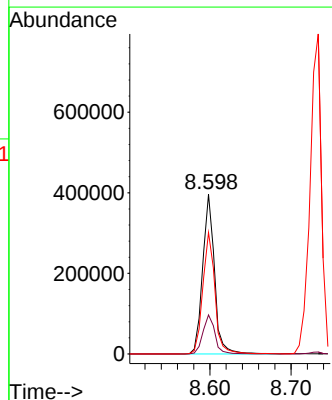
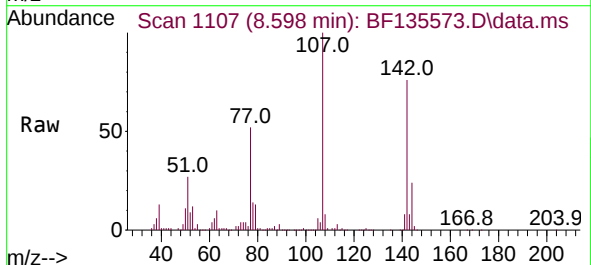
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-03MSD

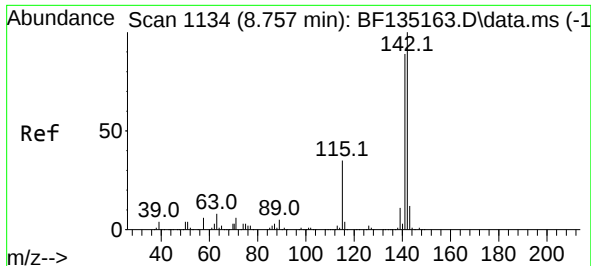
Tgt Ion:113 Resp: 81969
Ion Ratio Lower Upper
113 100
55 224.4 199.3 239.3
56 164.8 146.3 186.3



#36
4-Chloro-3-methylphenol
Concen: 50.745 ng
RT: 8.598 min Scan# 1107
Delta R.T. 0.012 min
Lab File: BF135573.D
Acq: 04 Oct 2023 16:07

Tgt Ion:107 Resp: 401548
Ion Ratio Lower Upper
107 100
144 24.4 19.0 28.4
142 76.1 60.2 90.2

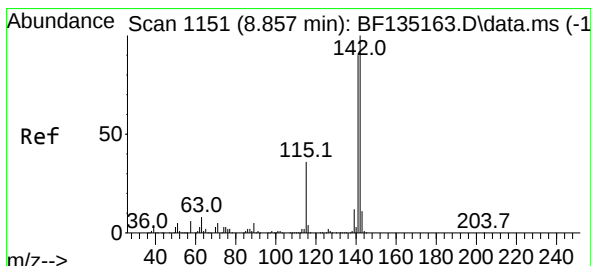
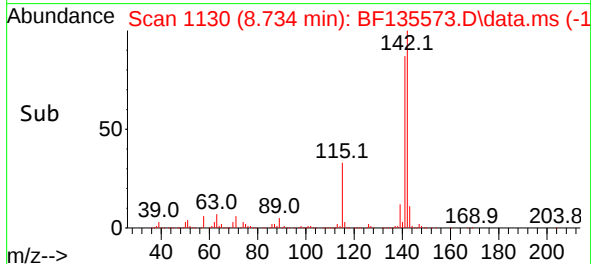
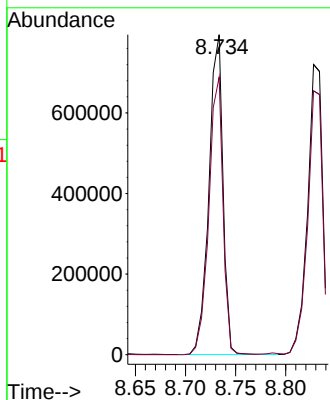
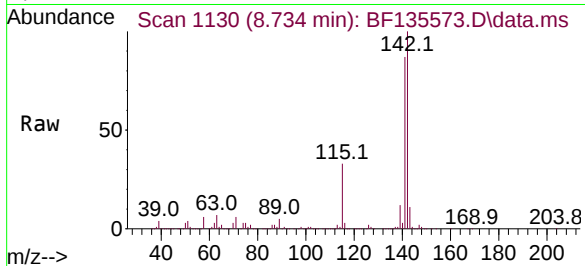




#37
2-Methylnaphthalene
Concen: 45.453 ng
RT: 8.734 min Scan# 1134
Delta R.T. 0.000 min
Lab File: BF135573.D
Acq: 04 Oct 2023 16:07

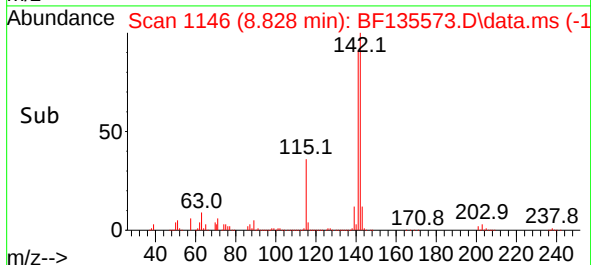
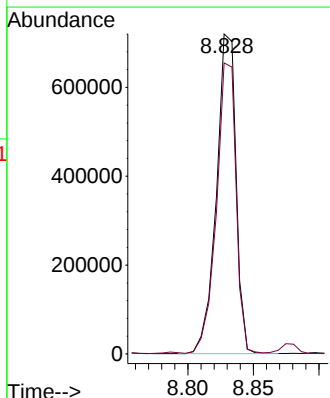
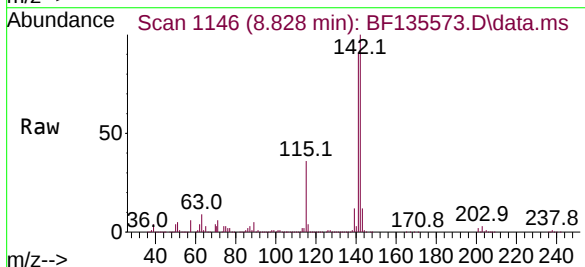
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-03MSD

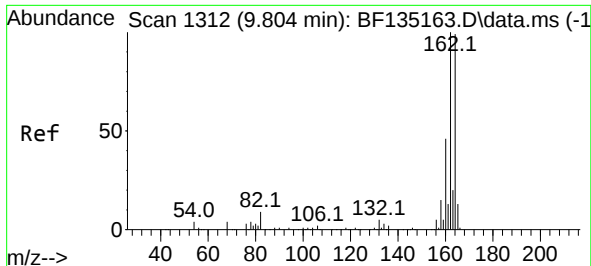
Tgt Ion:142 Resp: 777180
Ion Ratio Lower Upper
142 100
141 86.8 71.0 106.6



#38
1-Methylnaphthalene
Concen: 46.728 ng
RT: 8.828 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BF135573.D
Acq: 04 Oct 2023 16:07

Tgt Ion:142 Resp: 748036
Ion Ratio Lower Upper
142 100
141 91.0 72.4 108.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135573.D

Acq: 04 Oct 2023 16:07

Instrument :

BNA_F

ClientSampleId :

280-300FB-BACKFILL-03MSD

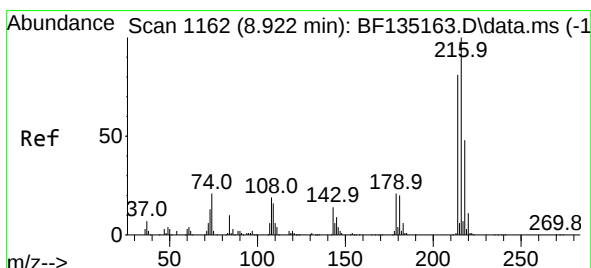
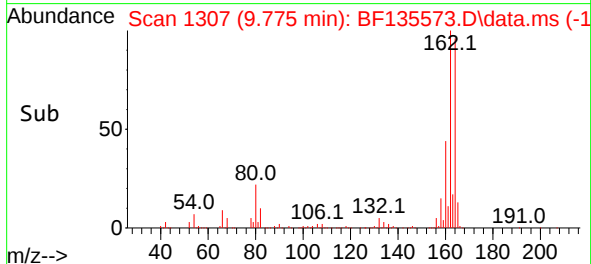
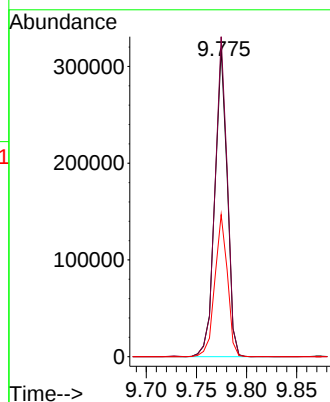
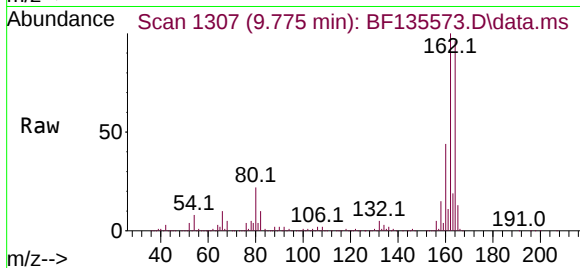
Tgt Ion:164 Resp: 273453

Ion Ratio Lower Upper

164 100

162 103.9 81.0 121.4

160 46.2 37.0 55.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.799 ng

RT: 8.898 min Scan# 1158

Delta R.T. 0.000 min

Lab File: BF135573.D

Acq: 04 Oct 2023 16:07

Tgt Ion:216 Resp: 370753

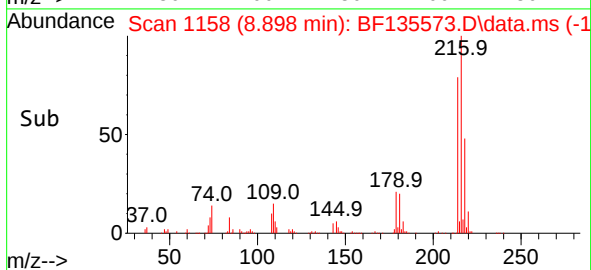
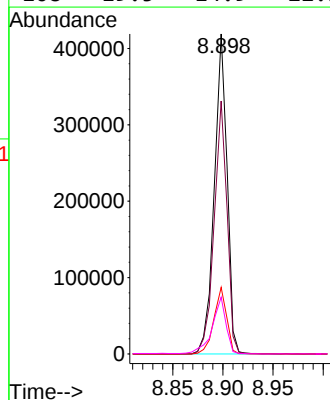
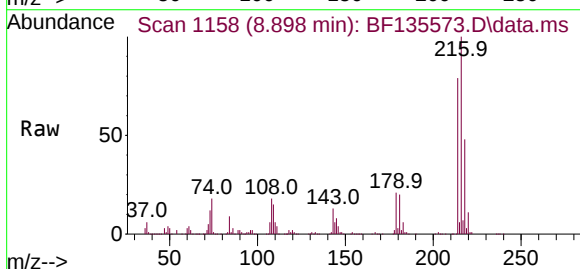
Ion Ratio Lower Upper

216 100

214 79.6 63.7 95.5

179 20.8 16.7 25.1

108 19.5 14.9 22.3

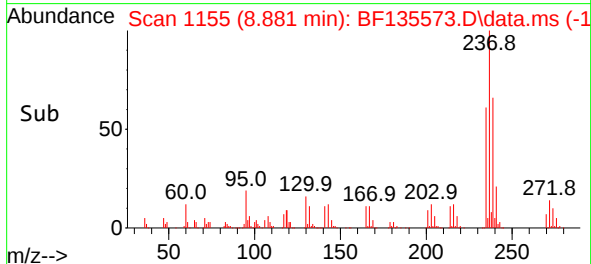
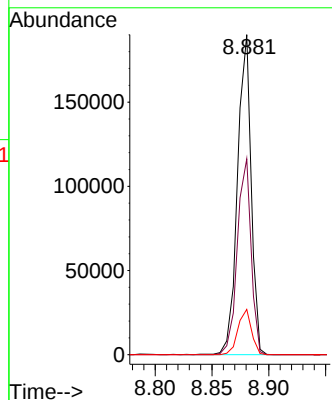
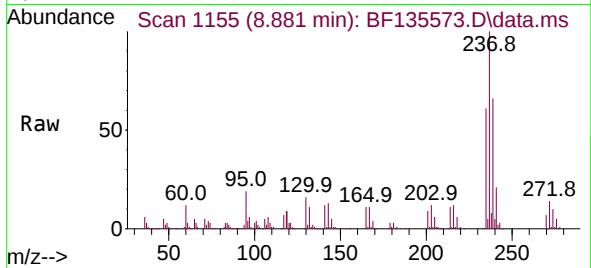




#41
Hexachlorocyclopentadiene
Concen: 48.633 ng
RT: 8.881 min Scan# 1160
Delta R.T. 0.000 min
Lab File: BF135573.D
Acq: 04 Oct 2023 16:07

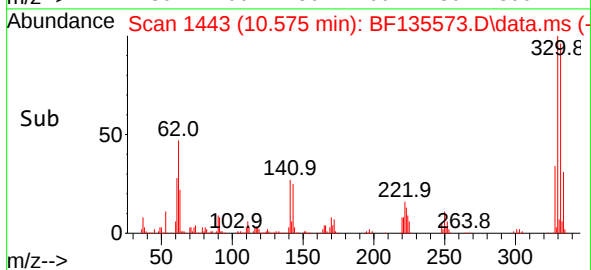
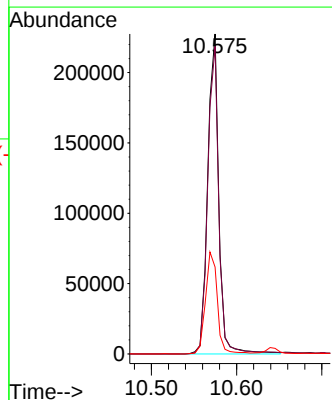
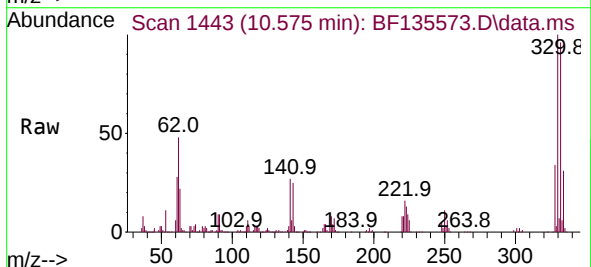
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-03MSD

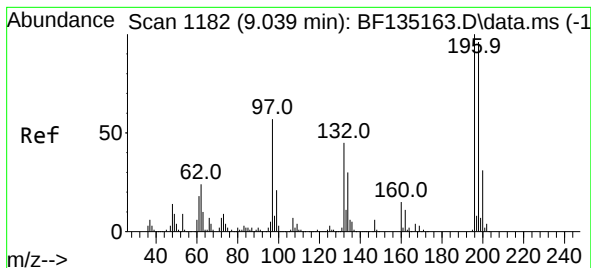
Tgt Ion:237 Resp: 158631
Ion Ratio Lower Upper
237 100
235 61.2 41.8 81.8
272 14.1 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 75.526 ng
RT: 10.575 min Scan# 1443
Delta R.T. 0.006 min
Lab File: BF135573.D
Acq: 04 Oct 2023 16:07

Tgt Ion:330 Resp: 205240
Ion Ratio Lower Upper
330 100
332 97.2 77.3 115.9
141 34.0 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 47.066 ng

RT: 9.022 min Scan# 1182

Delta R.T. 0.006 min

Lab File: BF135573.D

Acq: 04 Oct 2023 16:07

Instrument :

BNA_F

ClientSampleId :

280-300FB-BACKFILL-03MSD

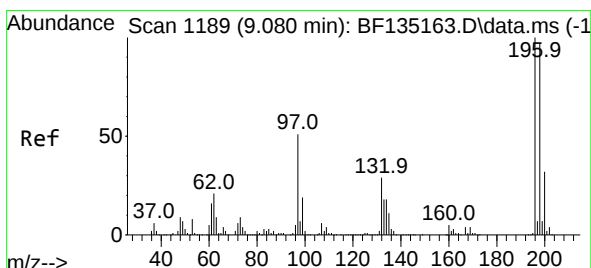
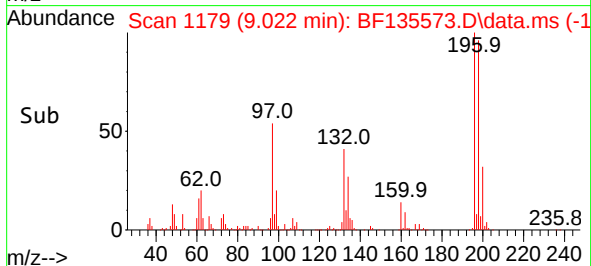
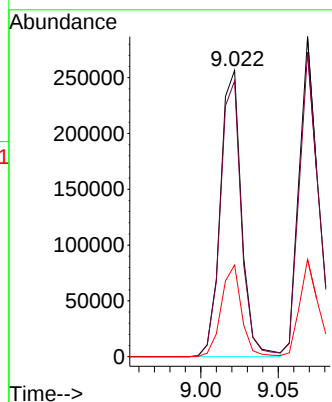
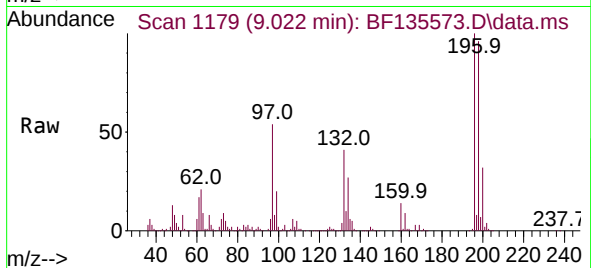
Tgt Ion:196 Resp: 244132

Ion Ratio Lower Upper

196 100

198 96.4 77.0 115.6

200 32.1 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 44.083 ng

RT: 9.069 min Scan# 1187

Delta R.T. 0.006 min

Lab File: BF135573.D

Acq: 04 Oct 2023 16:07

Tgt Ion:196 Resp: 263323

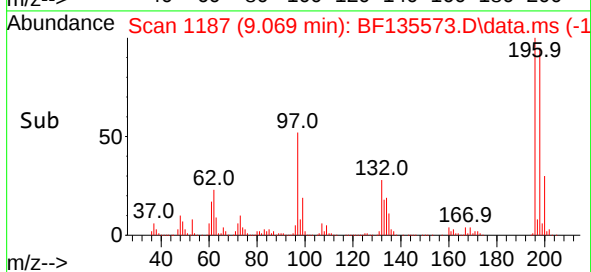
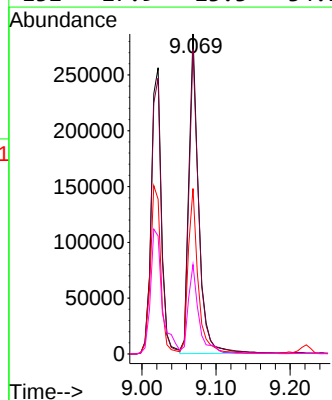
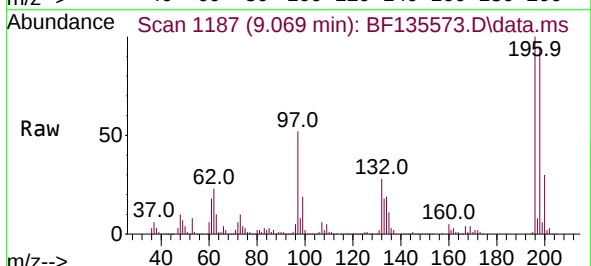
Ion Ratio Lower Upper

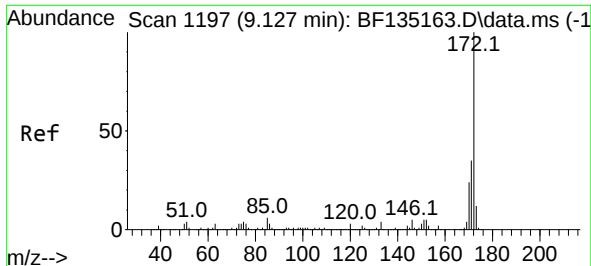
196 100

198 95.2 77.5 116.3

97 51.7 40.5 60.7

132 27.9 23.3 34.9

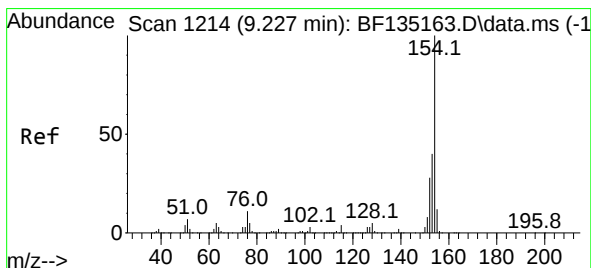
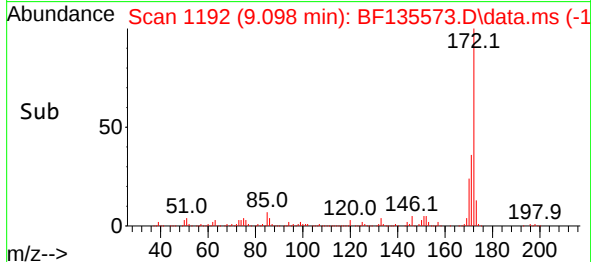
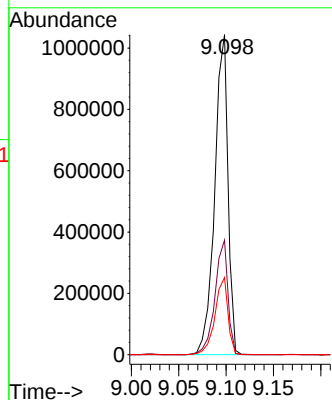
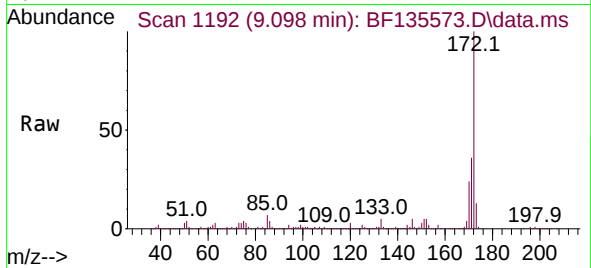




#45
2-Fluorobiphenyl
Concen: 56.277 ng
RT: 9.098 min Scan# 1197
Delta R.T. 0.000 min
Lab File: BF135573.D
Acq: 04 Oct 2023 16:07

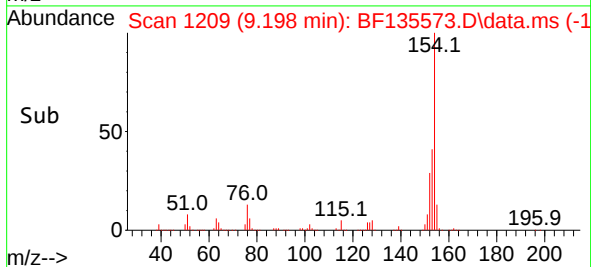
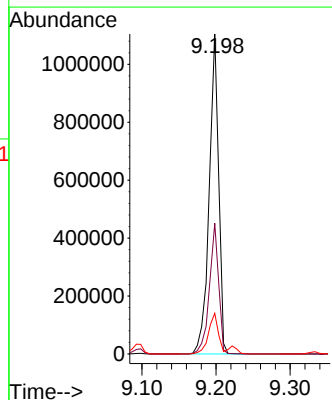
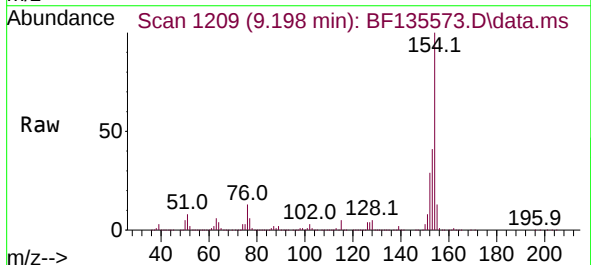
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-03MSD

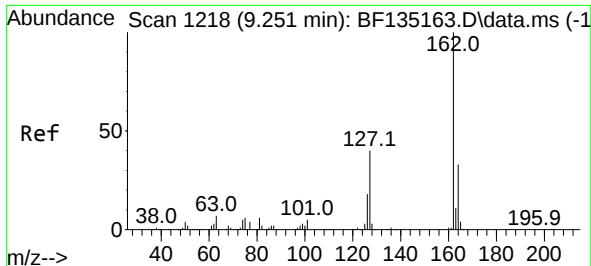
Tgt Ion:172 Resp: 1020019
Ion Ratio Lower Upper
172 100
171 35.8 28.4 42.6
170 24.1 19.0 28.4



#46
1,1'-Biphenyl
Concen: 46.732 ng
RT: 9.198 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BF135573.D
Acq: 04 Oct 2023 16:07

Tgt Ion:154 Resp: 982043
Ion Ratio Lower Upper
154 100
153 40.8 19.6 59.6
76 12.7 0.0 31.0





#47

2-Chloronaphthalene

Concen: 47.385 ng

RT: 9.222 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135573.D

Acq: 04 Oct 2023 16:07

Instrument :

BNA_F

ClientSampleId :

280-300FB-BACKFILL-03MSD

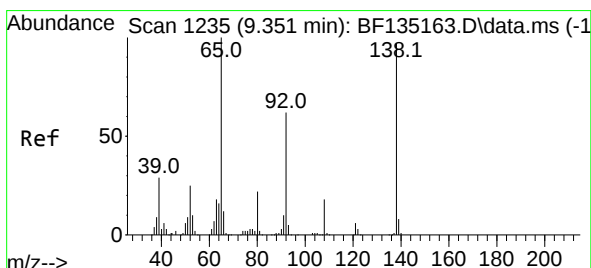
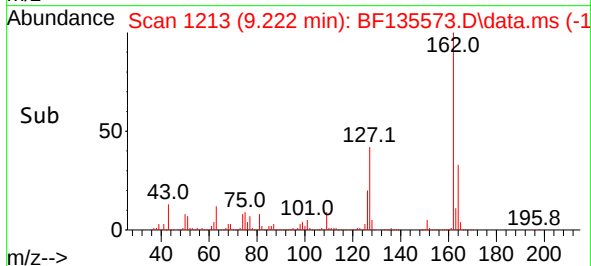
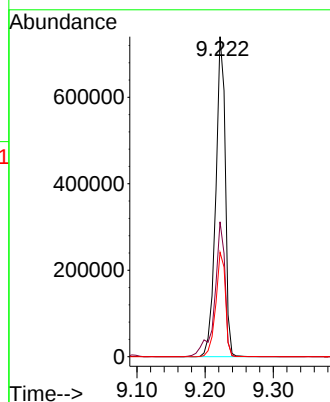
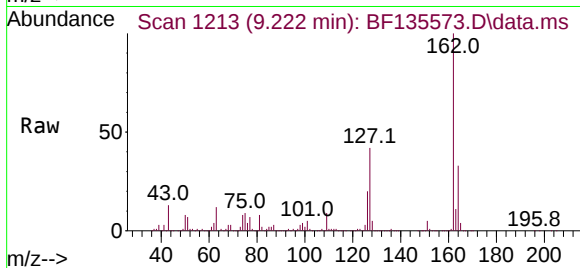
Tgt Ion:162 Resp: 722485

Ion Ratio Lower Upper

162 100

127 42.2 32.6 48.8

164 32.6 26.2 39.2



#48

2-Nitroaniline

Concen: 50.123 ng

RT: 9.334 min Scan# 1232

Delta R.T. 0.006 min

Lab File: BF135573.D

Acq: 04 Oct 2023 16:07

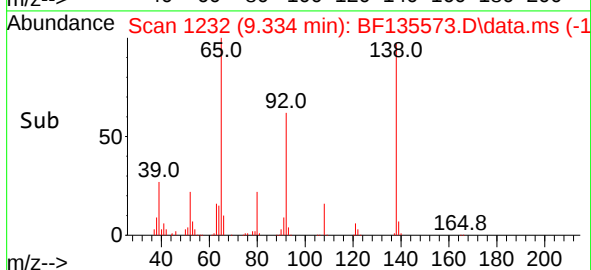
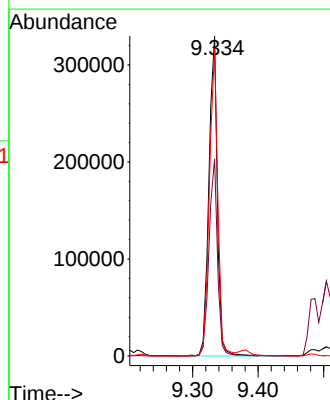
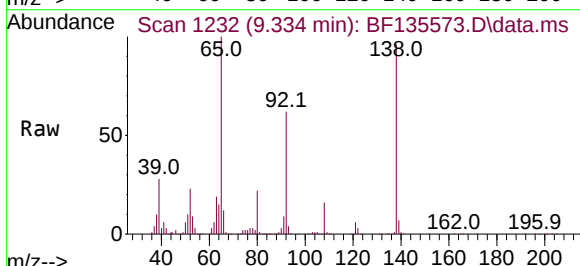
Tgt Ion: 65 Resp: 296903

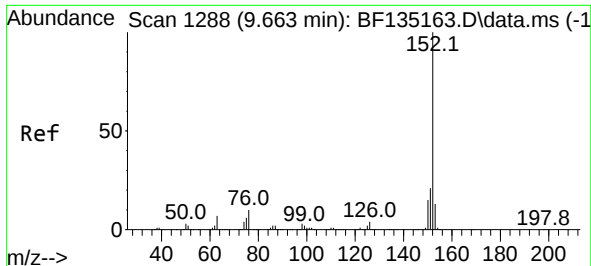
Ion Ratio Lower Upper

65 100

92 61.6 49.4 74.0

138 96.0 77.4 116.0





#49

Acenaphthylene

Concen: 46.580 ng

RT: 9.639 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135573.D

Acq: 04 Oct 2023 16:07

Instrument :

BNA_F

ClientSampleId :

280-300FB-BACKFILL-03MSD

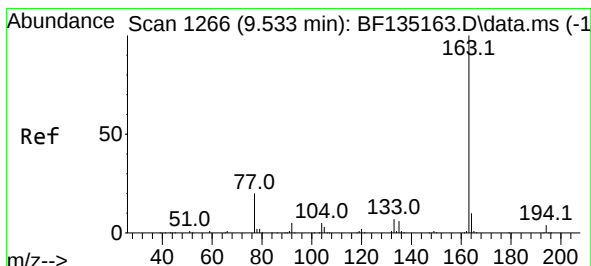
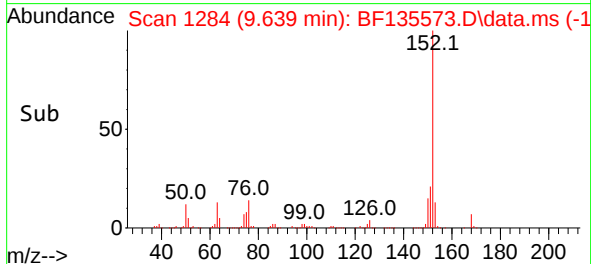
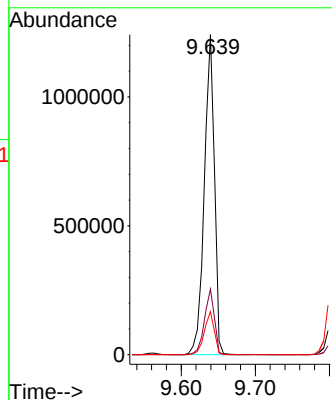
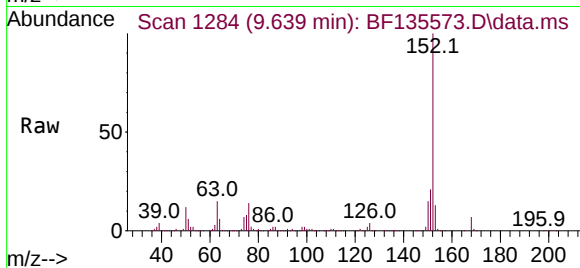
Tgt Ion:152 Resp: 1180330

Ion Ratio Lower Upper

152 100

151 20.5 16.4 24.6

153 13.4 10.4 15.6



#50

Dimethylphthalate

Concen: 47.343 ng

RT: 9.504 min Scan# 1261

Delta R.T. 0.000 min

Lab File: BF135573.D

Acq: 04 Oct 2023 16:07

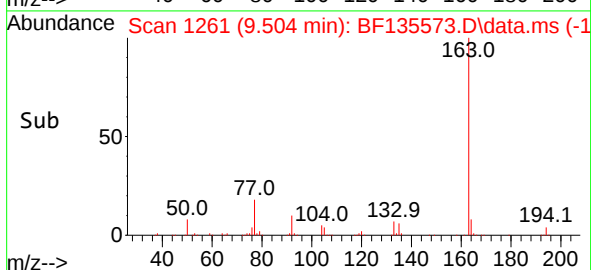
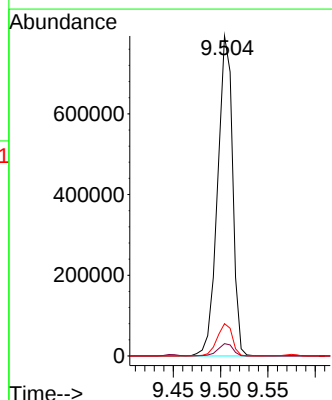
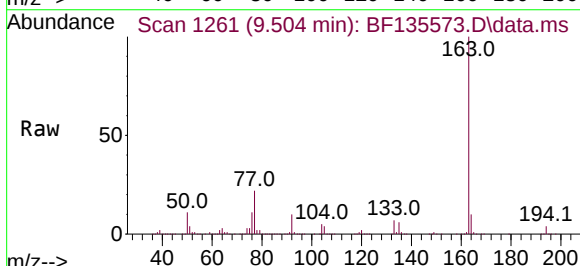
Tgt Ion:163 Resp: 875278

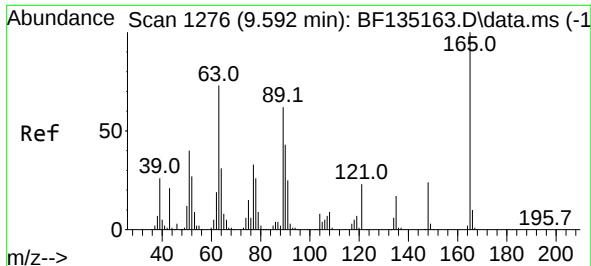
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.1 8.1 12.1

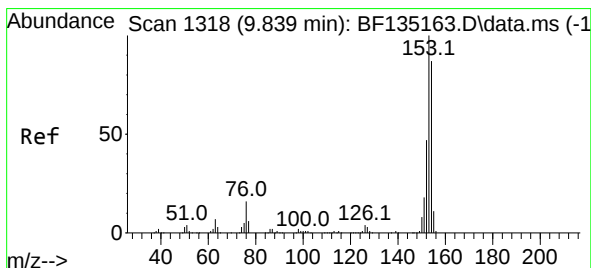
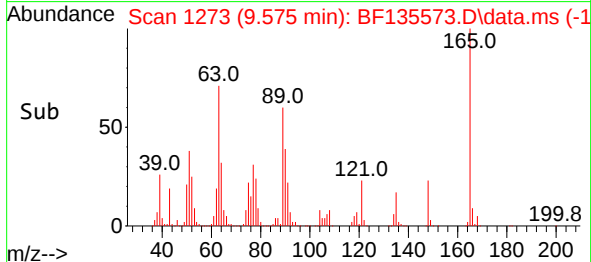
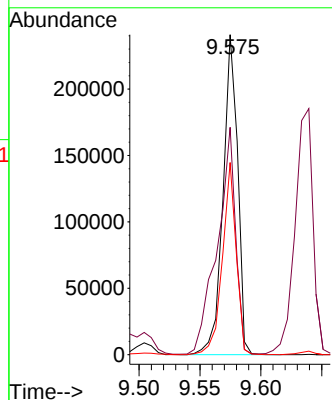
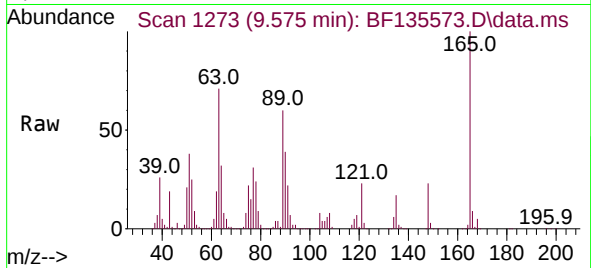




#51
2,6-Dinitrotoluene
Concen: 49.686 ng
RT: 9.575 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135573.D
Acq: 04 Oct 2023 16:07

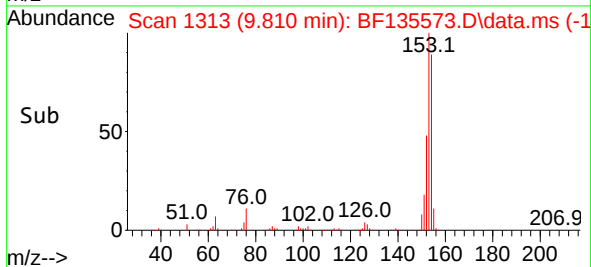
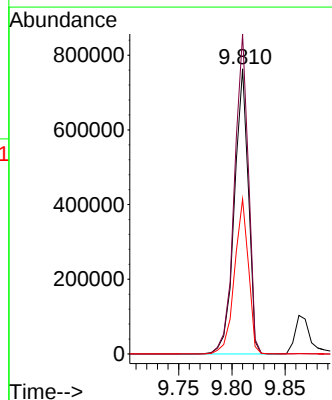
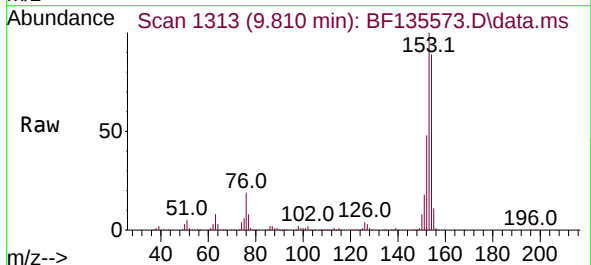
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-03MSD

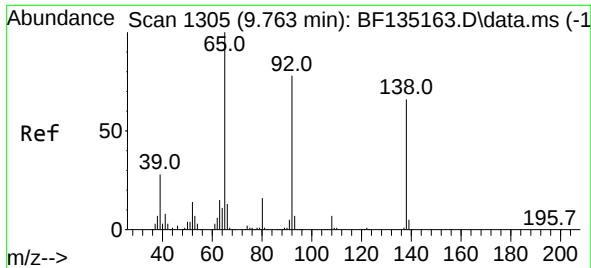
Tgt Ion:165 Resp: 201236
Ion Ratio Lower Upper
165 100
63 71.1 59.4 89.2
89 60.0 49.8 74.8



#52
Acenaphthene
Concen: 46.794 ng
RT: 9.810 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BF135573.D
Acq: 04 Oct 2023 16:07

Tgt Ion:154 Resp: 700476
Ion Ratio Lower Upper
154 100
153 112.2 92.1 138.1
152 54.3 43.1 64.7

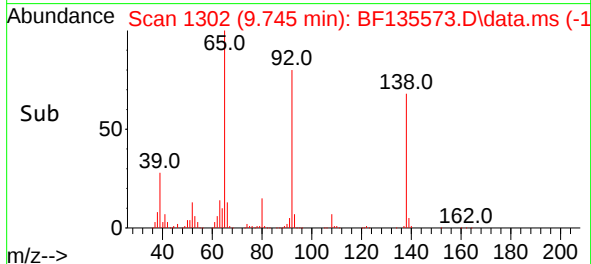
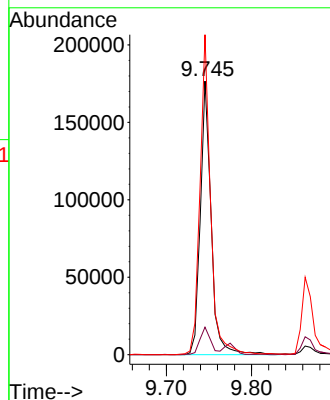
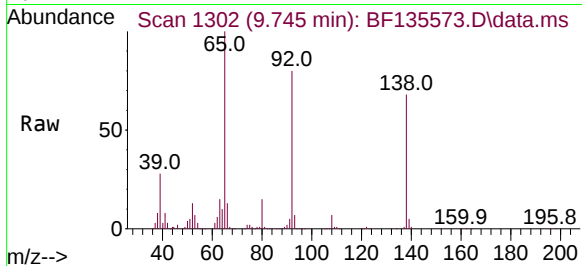




#53
3-Nitroaniline
Concen: 32.772 ng
RT: 9.745 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135573.D
Acq: 04 Oct 2023 16:07

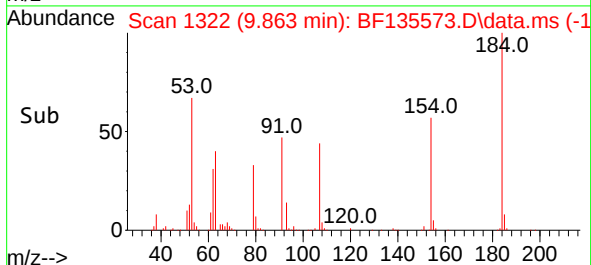
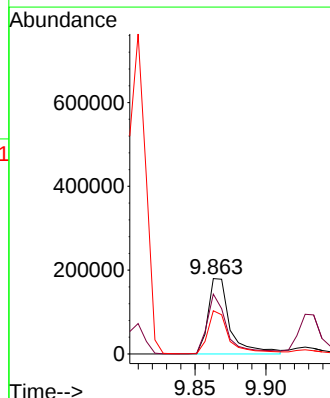
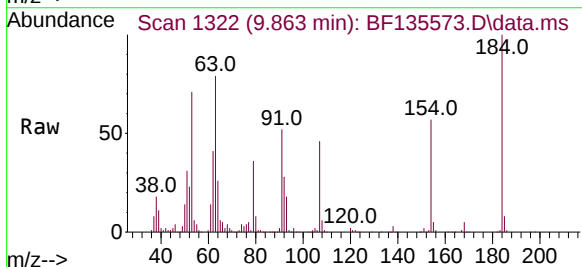
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-03MSD

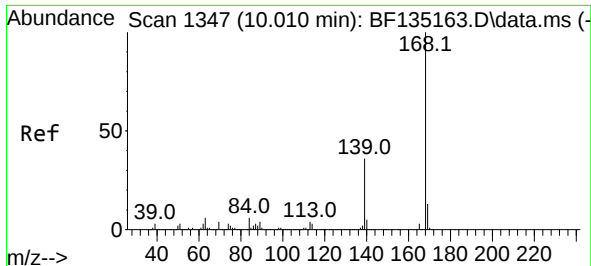
Tgt Ion:138 Resp: 155806
Ion Ratio Lower Upper
138 100
108 10.1 8.5 12.7
92 117.0 95.4 143.0



#54
2,4-Dinitrophenol
Concen: 84.243 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF135573.D
Acq: 04 Oct 2023 16:07

Tgt Ion:184 Resp: 194522
Ion Ratio Lower Upper
184 100
63 79.4 55.1 82.7
154 57.4 48.4 72.6

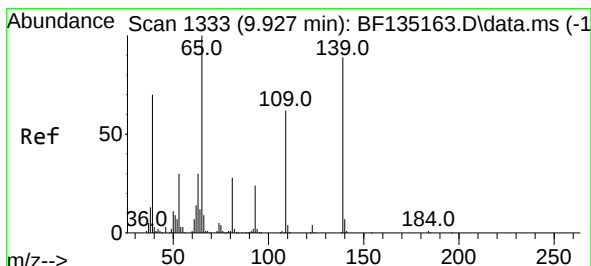
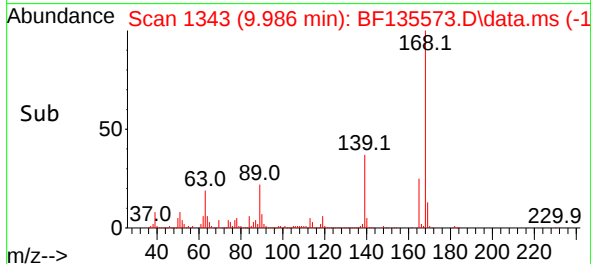
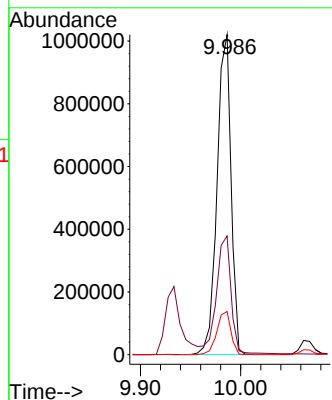
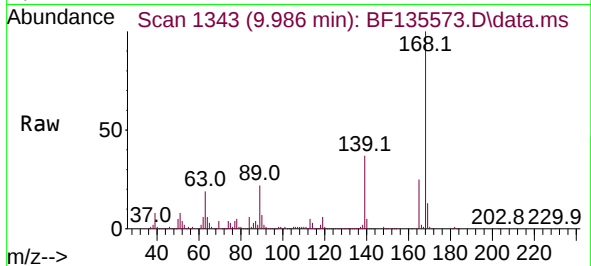




#55
Dibenzenofuran
Concen: 43.172 ng
RT: 9.986 min Scan# 1347
Delta R.T. 0.006 min
Lab File: BF135573.D
Acq: 04 Oct 2023 16:07

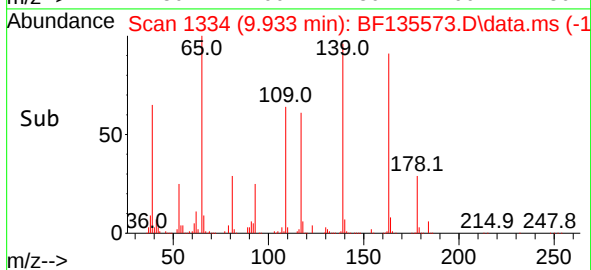
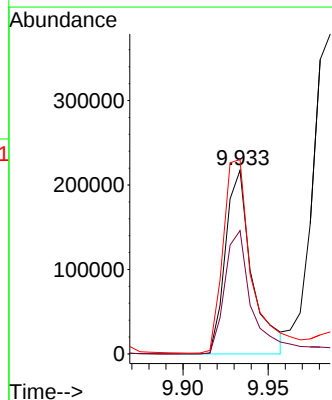
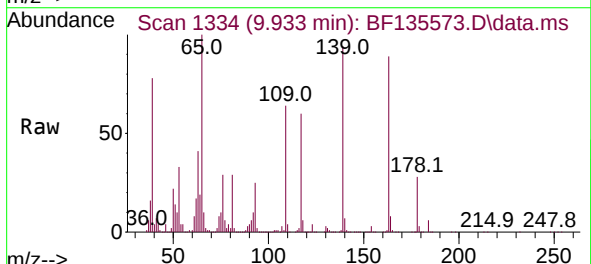
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-03MSD

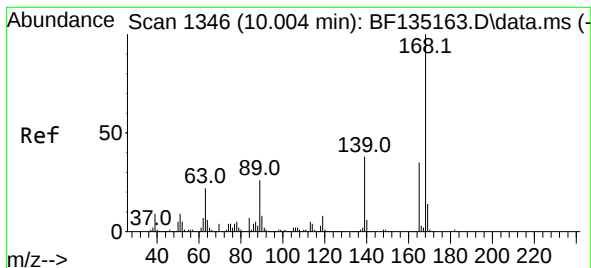
Tgt Ion:168 Resp: 986176
Ion Ratio Lower Upper
168 100
139 37.1 29.0 43.6
169 13.5 10.4 15.6



#56
4-Nitrophenol
Concen: 77.890 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF135573.D
Acq: 04 Oct 2023 16:07

Tgt Ion:139 Resp: 235349
Ion Ratio Lower Upper
139 100
109 67.2 49.8 89.8
65 105.8 92.7 132.7

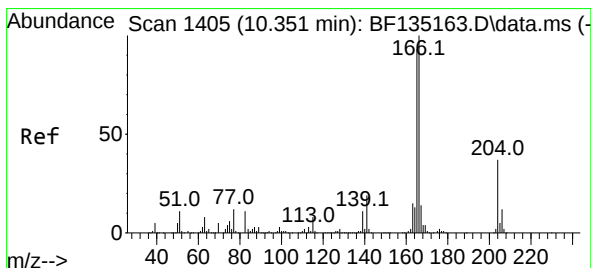
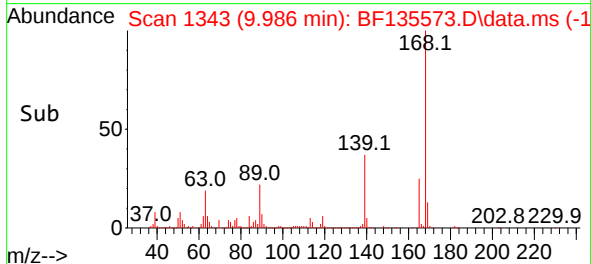
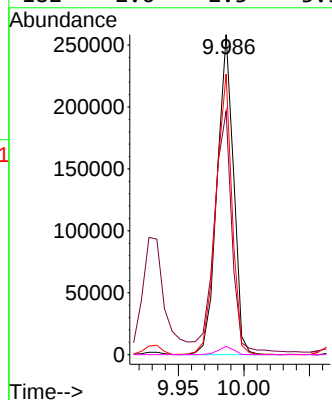
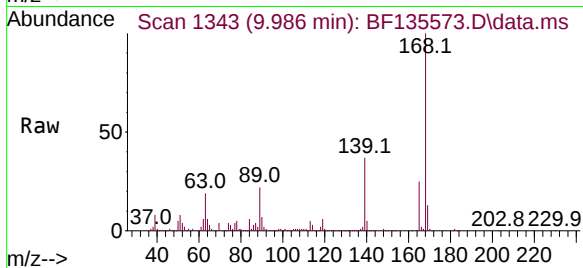




#57
2,4-Dinitrotoluene
Concen: 44.162 ng
RT: 9.986 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135573.D
Acq: 04 Oct 2023 16:07

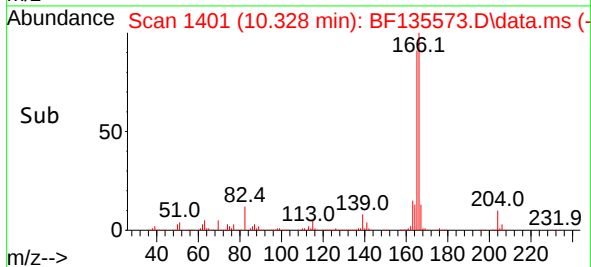
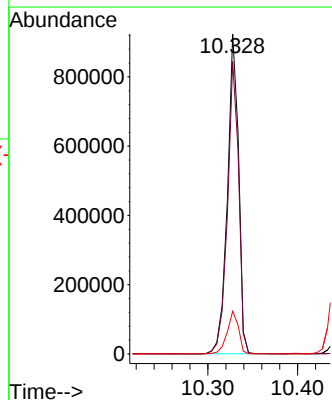
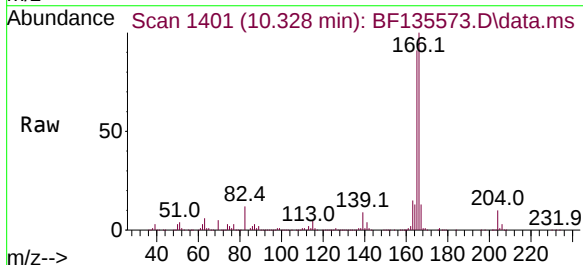
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-03MSD

Tgt Ion:165 Resp: 223922
Ion Ratio Lower Upper
165 100
63 76.1 50.1 75.1#
89 87.7 59.3 88.9
182 2.6 2.3 3.5



#58
Fluorene
Concen: 45.475 ng
RT: 10.328 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF135573.D
Acq: 04 Oct 2023 16:07

Tgt Ion:166 Resp: 798581
Ion Ratio Lower Upper
166 100
165 91.4 74.3 111.5
167 13.4 10.9 16.3

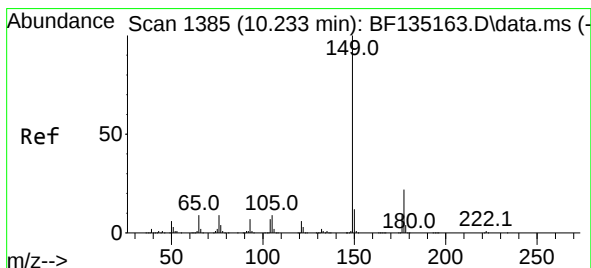
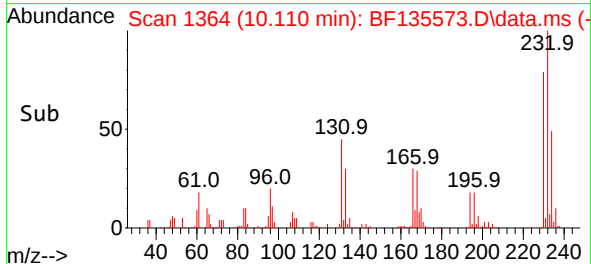
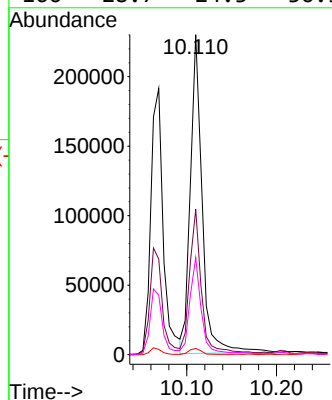
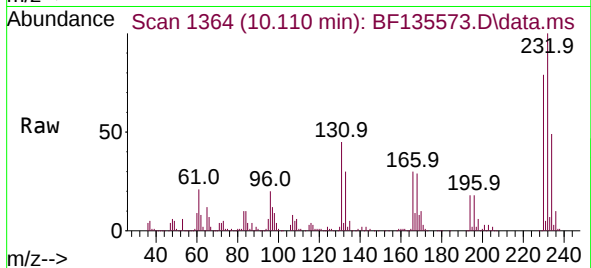




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.893 ng
RT: 10.110 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135573.D
Acq: 04 Oct 2023 16:07

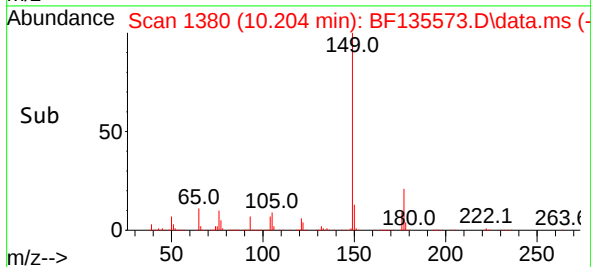
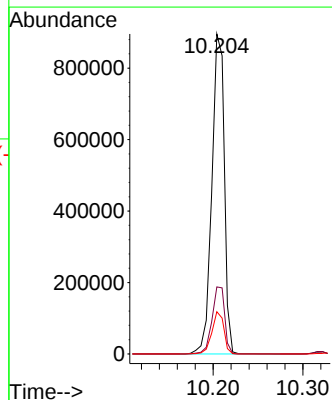
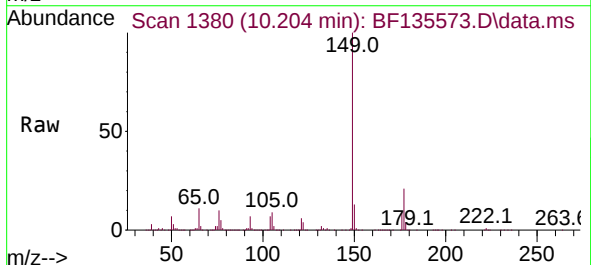
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-03MSD

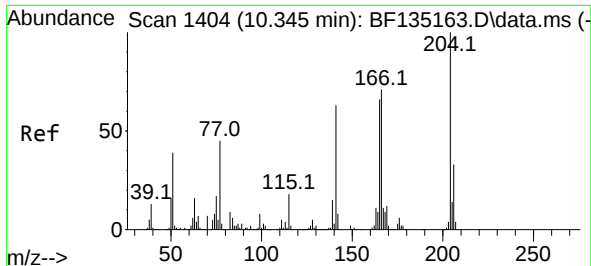
Tgt Ion:232 Resp: 210878
Ion Ratio Lower Upper
232 100
131 44.1 35.4 53.2
130 2.1 1.8 2.8
166 28.7 24.3 36.5



#60
Diethylphthalate
Concen: 46.575 ng
RT: 10.204 min Scan# 1380
Delta R.T. 0.000 min
Lab File: BF135573.D
Acq: 04 Oct 2023 16:07

Tgt Ion:149 Resp: 864188
Ion Ratio Lower Upper
149 100
177 21.0 17.8 26.6
150 13.2 10.0 15.0

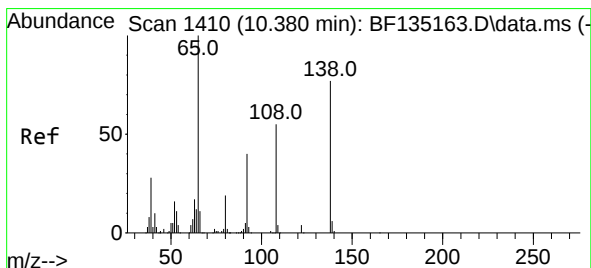
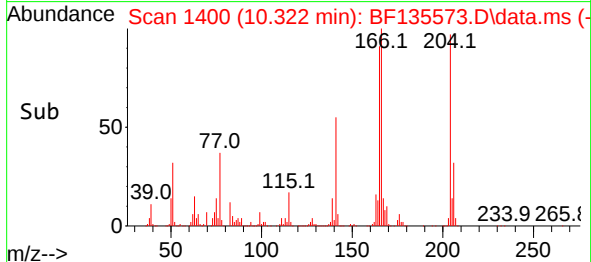
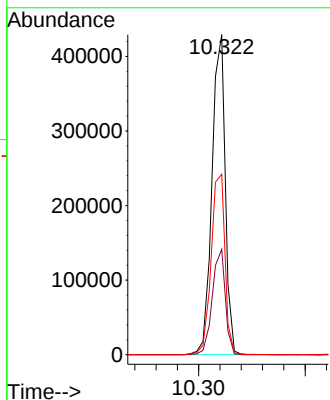
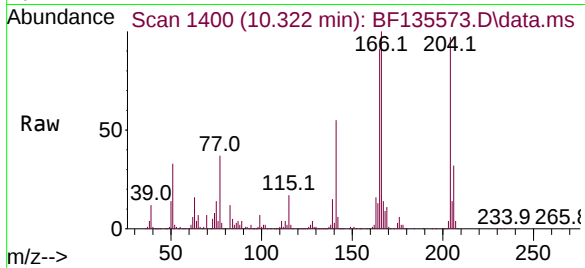




#61
4-Chlorophenyl-phenylether
Concen: 44.146 ng
RT: 10.322 min Scan# 1400
Delta R.T. 0.006 min
Lab File: BF135573.D
Acq: 04 Oct 2023 16:07

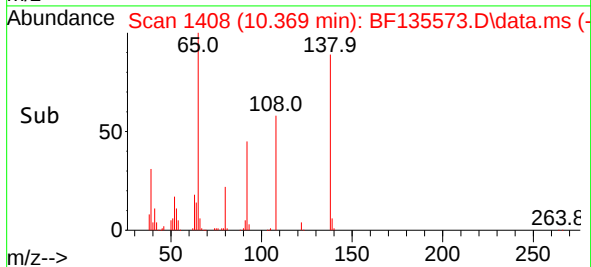
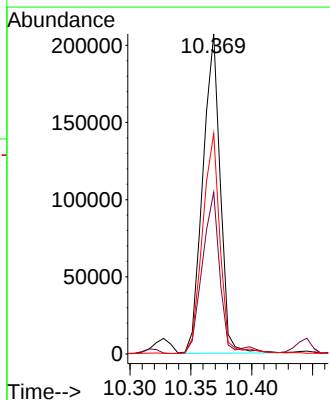
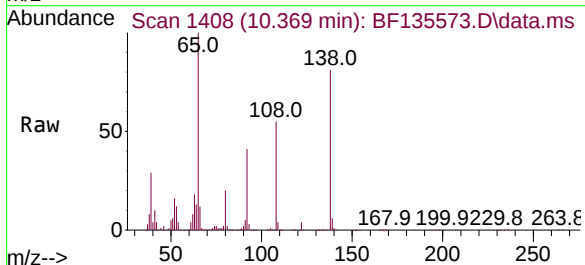
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-03MSD

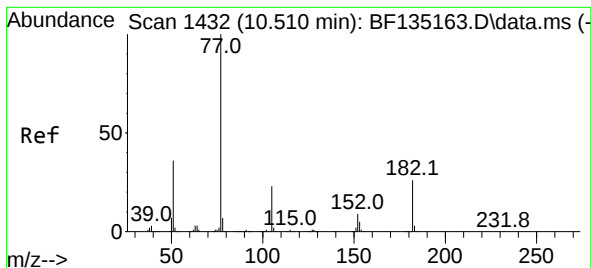
Tgt Ion:204 Resp: 372399
Ion Ratio Lower Upper
204 100
206 32.9 26.7 40.1
141 56.4 50.6 75.8



#62
4-Nitroaniline
Concen: 44.823 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.006 min
Lab File: BF135573.D
Acq: 04 Oct 2023 16:07

Tgt Ion:138 Resp: 204839
Ion Ratio Lower Upper
138 100
92 50.6 31.8 71.8
108 68.9 52.0 92.0





#63

Azobenzene

Concen: 48.637 ng

RT: 10.480 min Scan# 1432

Delta R.T. 0.000 min

Lab File: BF135573.D

Acq: 04 Oct 2023 16:07

Instrument :

BNA_F

ClientSampleId :

280-300FB-BACKFILL-03MSD

Tgt Ion: 77 Resp: 883217

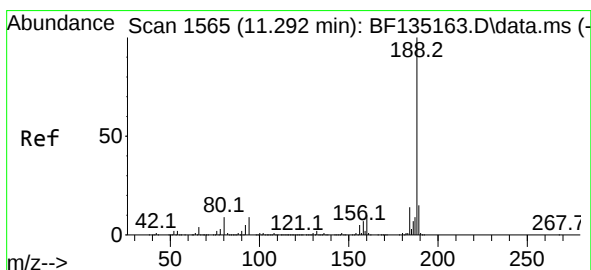
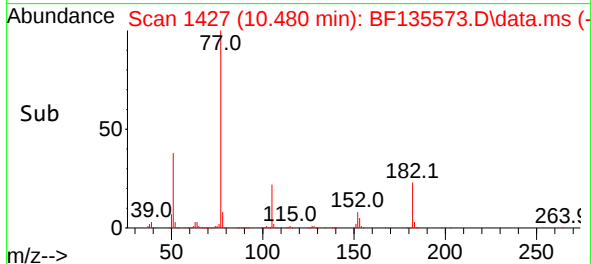
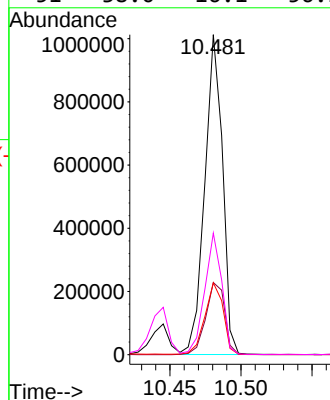
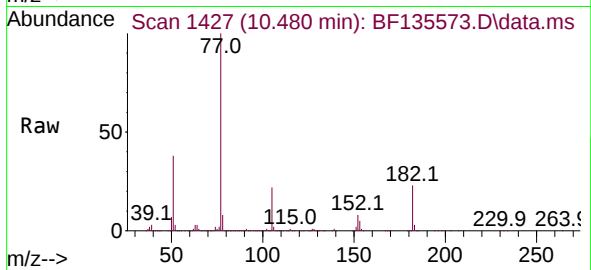
Ion Ratio Lower Upper

77 100

182 22.5 6.4 46.4

105 22.5 3.1 43.1

51 38.0 16.1 56.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.269 min Scan# 1561

Delta R.T. 0.000 min

Lab File: BF135573.D

Acq: 04 Oct 2023 16:07

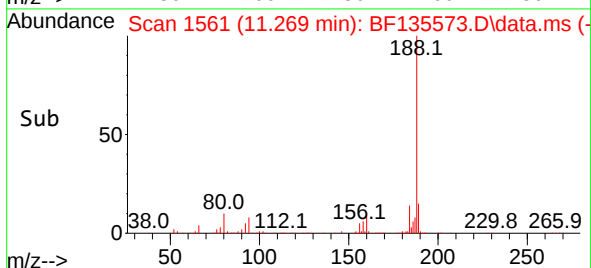
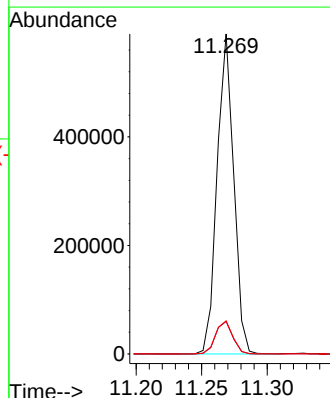
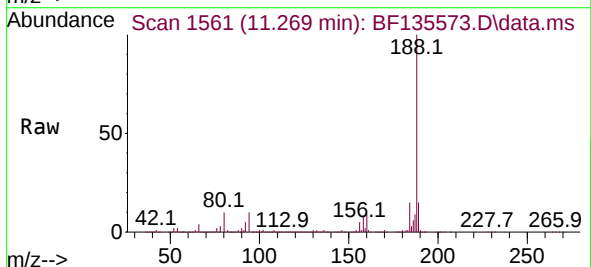
Tgt Ion: 188 Resp: 519285

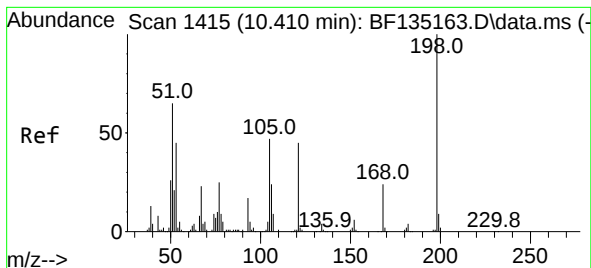
Ion Ratio Lower Upper

188 100

94 10.1 7.0 10.6

80 10.4 7.5 11.3

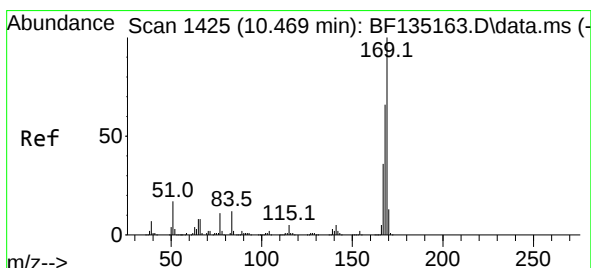
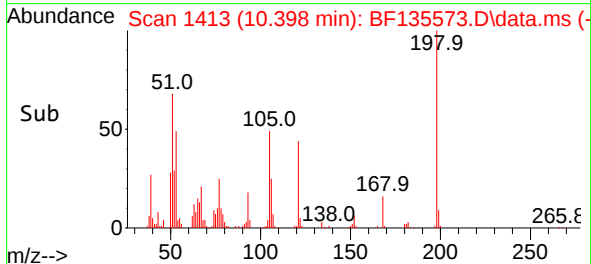
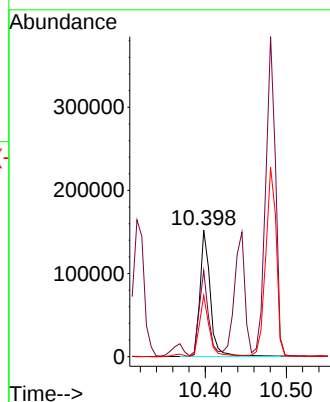
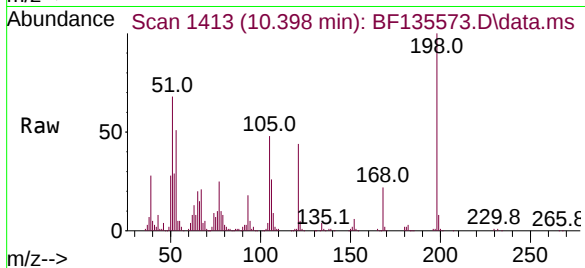




#65
4,6-Dinitro-2-methylphenol
Concen: 48.632 ng
RT: 10.398 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF135573.D
Acq: 04 Oct 2023 16:07

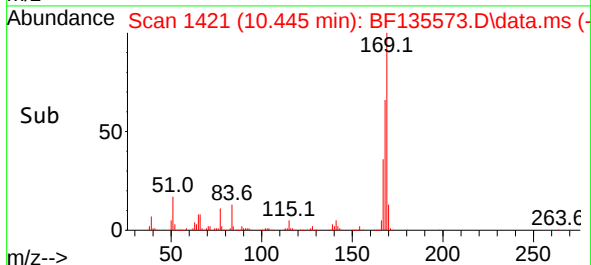
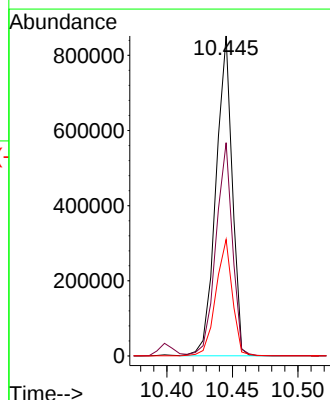
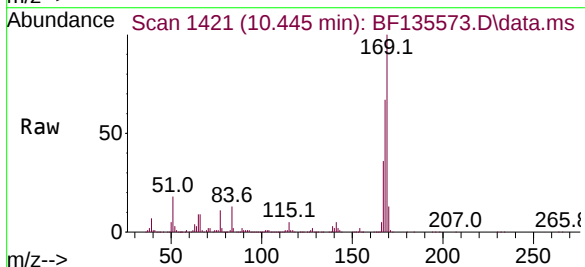
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-03MSD

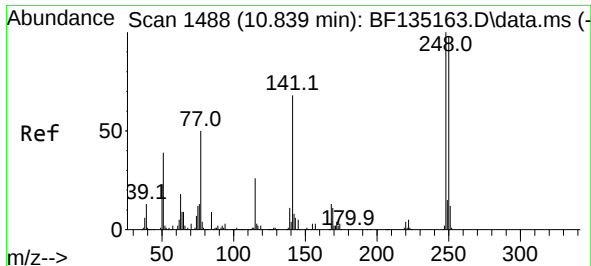
Tgt Ion:198 Resp: 134130
Ion Ratio Lower Upper
198 100
51 68.0 47.7 87.7
105 48.4 27.4 67.4



#66
n-Nitrosodiphenylamine
Concen: 46.803 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF135573.D
Acq: 04 Oct 2023 16:07

Tgt Ion:169 Resp: 735794
Ion Ratio Lower Upper
169 100
168 66.6 52.8 79.2
167 36.4 29.0 43.6

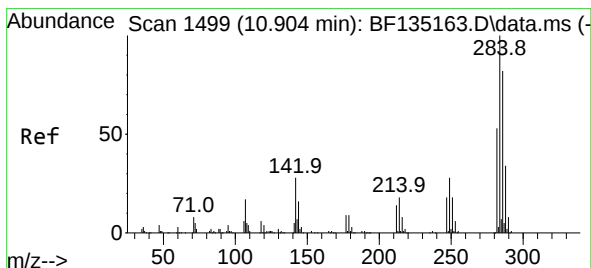
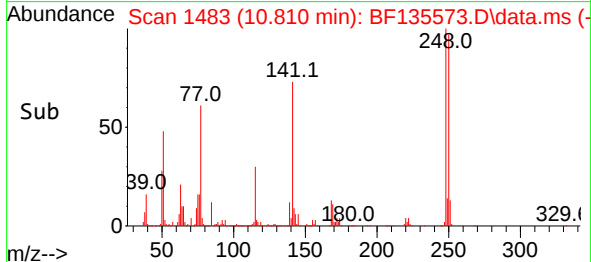
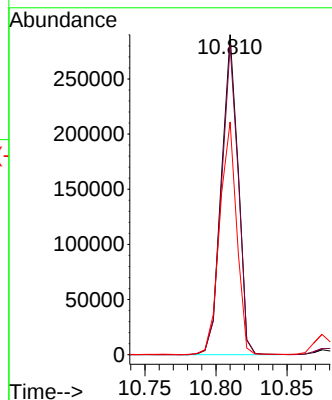
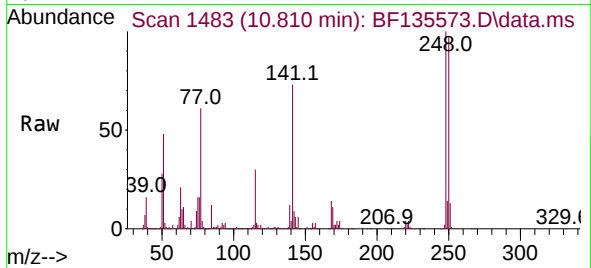




#67
4-Bromophenyl-phenylether
Concen: 45.853 ng
RT: 10.810 min Scan# 1483
Delta R.T. 0.000 min
Lab File: BF135573.D
Acq: 04 Oct 2023 16:07

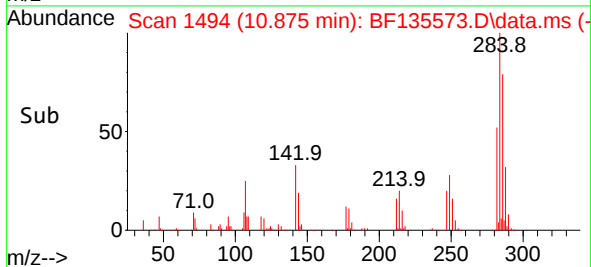
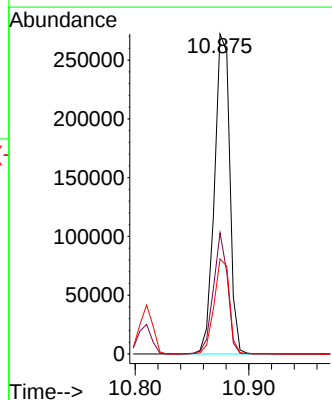
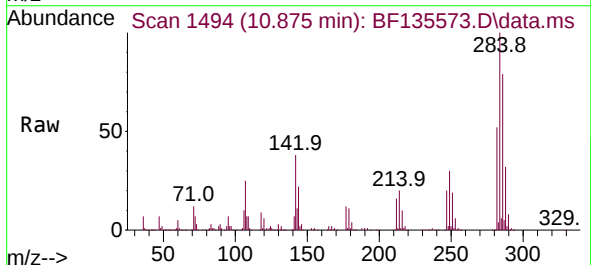
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-03MSD

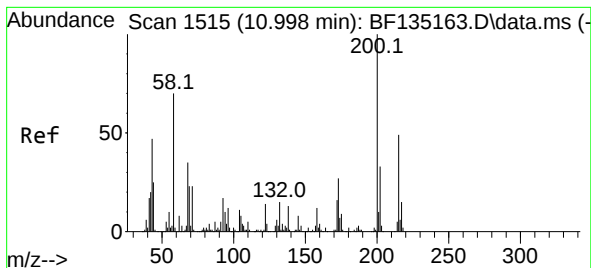
Tgt Ion:248 Resp: 236816
Ion Ratio Lower Upper
248 100
250 96.5 78.6 117.8
141 72.8 54.2 81.2



#68
Hexachlorobenzene
Concen: 48.545 ng
RT: 10.875 min Scan# 1494
Delta R.T. 0.000 min
Lab File: BF135573.D
Acq: 04 Oct 2023 16:07

Tgt Ion:284 Resp: 255424
Ion Ratio Lower Upper
284 100
142 37.9 22.2 33.4#
249 29.7 22.5 33.7





#69

Atrazine

Concen: 51.611 ng

RT: 10.980 min Scan# 1515

Delta R.T. 0.006 min

Lab File: BF135573.D

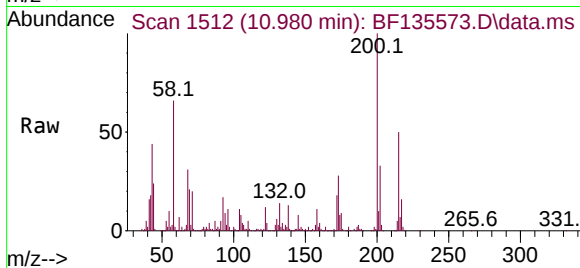
Acq: 04 Oct 2023 16:07

Instrument :

BNA_F

ClientSampleId :

280-300FB-BACKFILL-03MSD



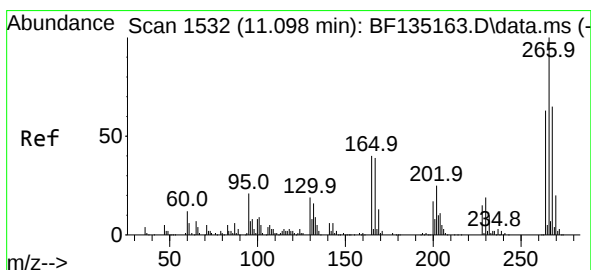
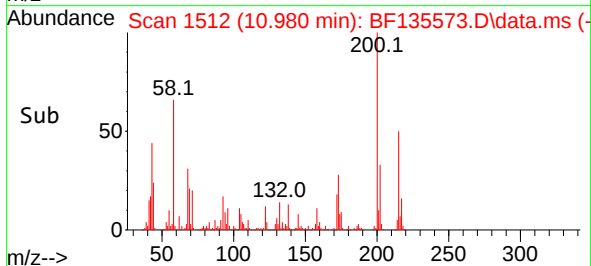
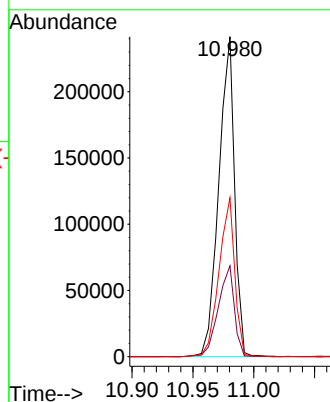
Tgt Ion:200 Resp: 218320

Ion Ratio Lower Upper

200 100

173 28.4 7.4 47.4

215 49.6 28.6 68.6



#70

Pentachlorophenol

Concen: 66.387 ng

RT: 11.080 min Scan# 1529

Delta R.T. 0.000 min

Lab File: BF135573.D

Acq: 04 Oct 2023 16:07

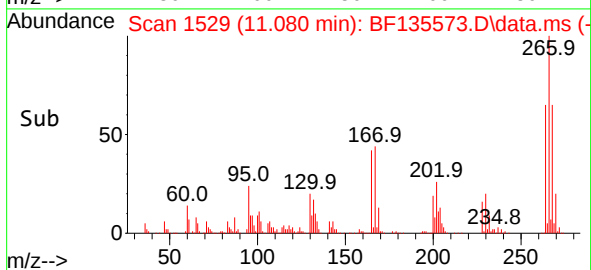
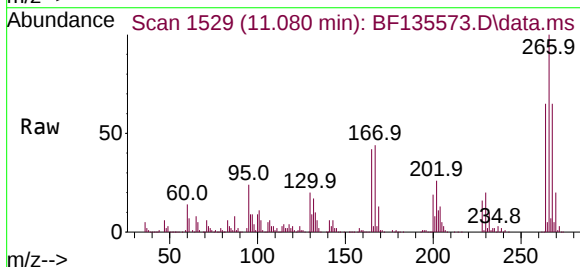
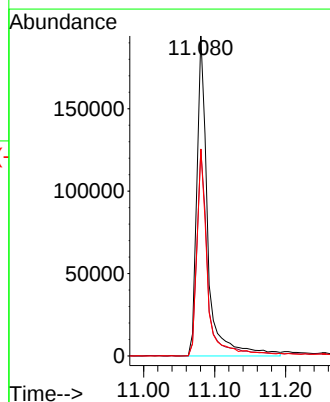
Tgt Ion:266 Resp: 208987

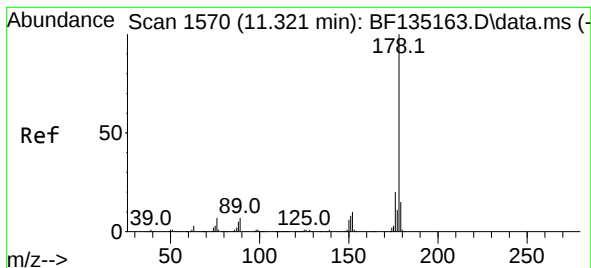
Ion Ratio Lower Upper

266 100

268 64.6 52.1 78.1

264 64.7 50.8 76.2





#71

Phenanthrene

Concen: 46.701 ng

RT: 11.292 min Scan# 1565

Delta R.T. 0.000 min

Lab File: BF135573.D

Acq: 04 Oct 2023 16:07

Instrument :

BNA_F

ClientSampleId :

280-300FB-BACKFILL-03MSD

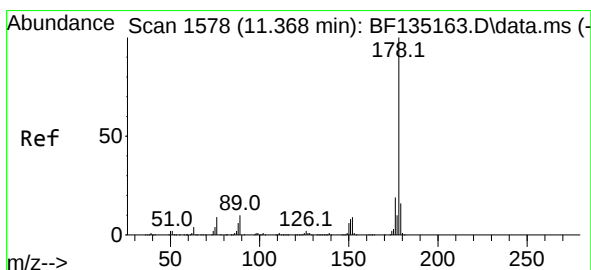
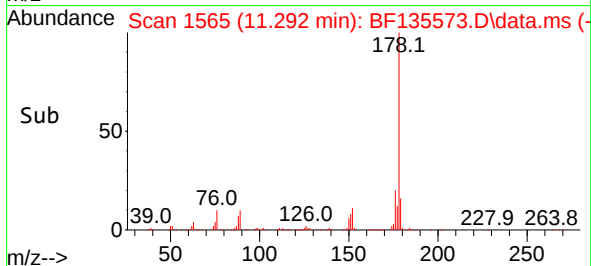
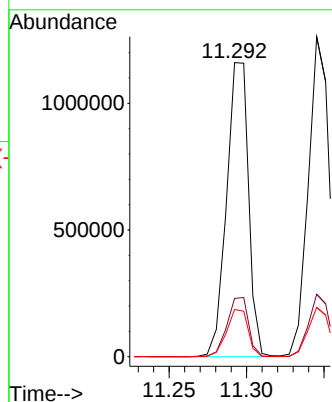
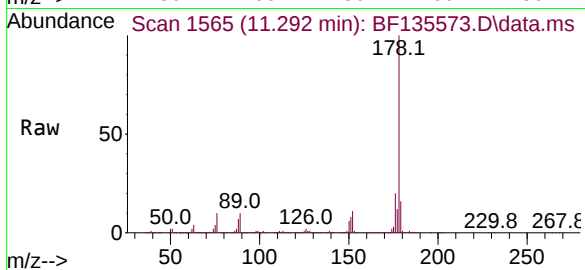
Tgt Ion:178 Resp: 1146966

Ion Ratio Lower Upper

178 100

176 19.8 15.6 23.4

179 16.1 12.0 18.0



#72

Anthracene

Concen: 46.452 ng

RT: 11.345 min Scan# 1574

Delta R.T. 0.000 min

Lab File: BF135573.D

Acq: 04 Oct 2023 16:07

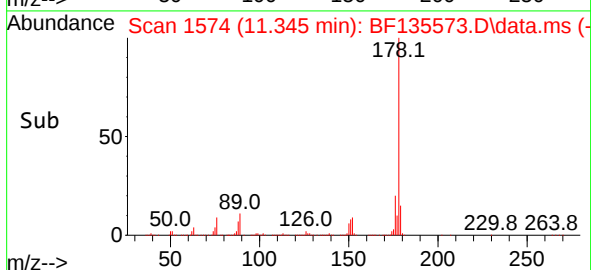
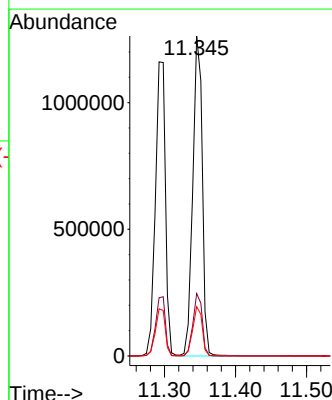
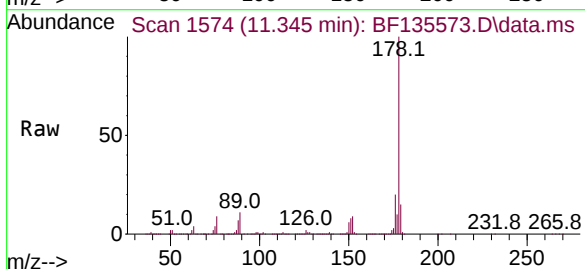
Tgt Ion:178 Resp: 1172684

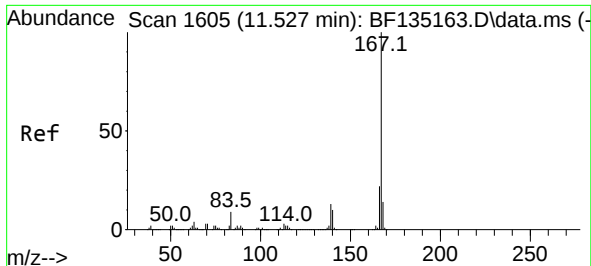
Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.2

179 15.4 12.6 19.0

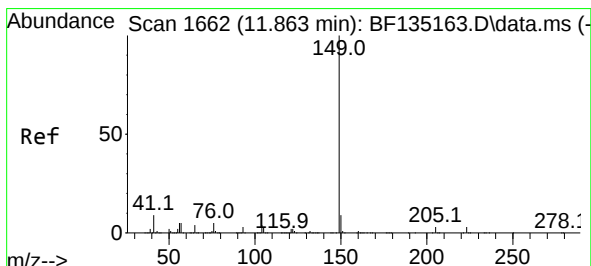
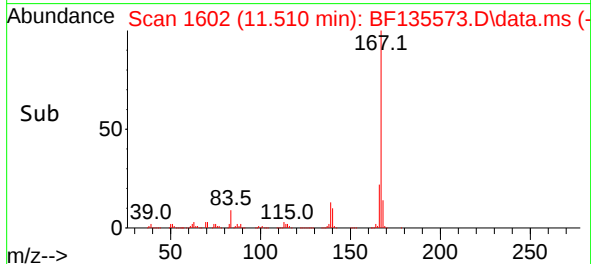
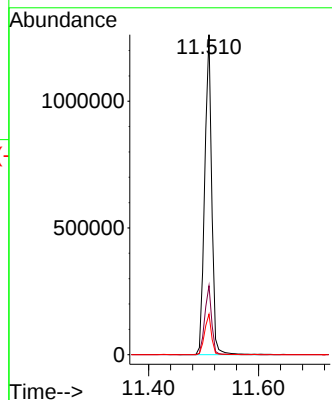
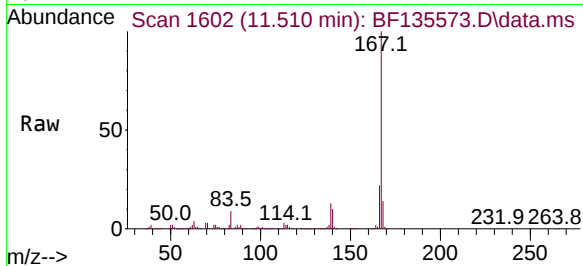




#73
Carbazole
Concen: 48.865 ng
RT: 11.510 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF135573.D
Acq: 04 Oct 2023 16:07

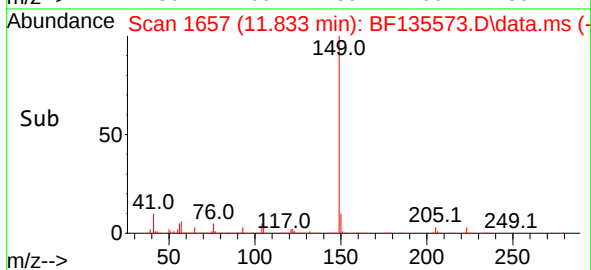
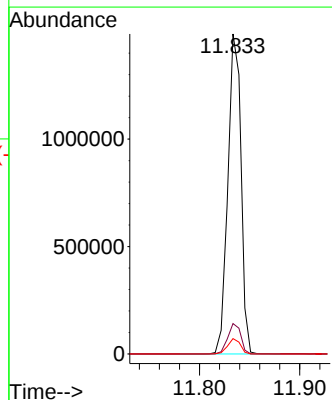
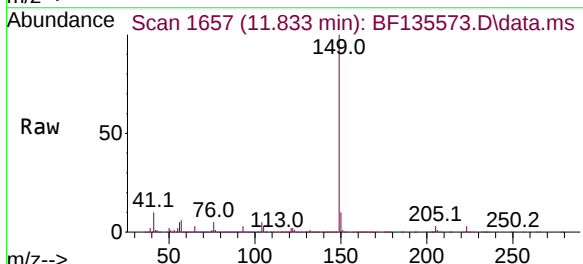
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-03MSD

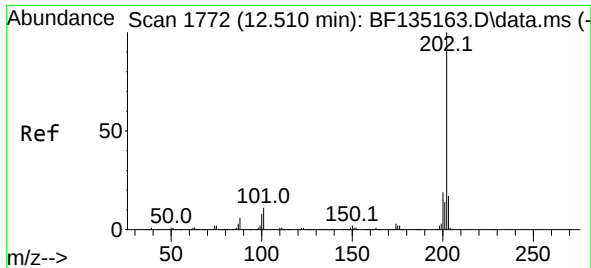
Tgt Ion:167 Resp: 1122974
Ion Ratio Lower Upper
167 100
166 21.6 17.4 26.0
139 12.7 10.6 15.8



#74
Di-n-butylphthalate
Concen: 49.882 ng
RT: 11.833 min Scan# 1657
Delta R.T. 0.000 min
Lab File: BF135573.D
Acq: 04 Oct 2023 16:07

Tgt Ion:149 Resp: 1350780
Ion Ratio Lower Upper
149 100
150 9.5 7.4 11.0
104 4.8 3.6 5.4

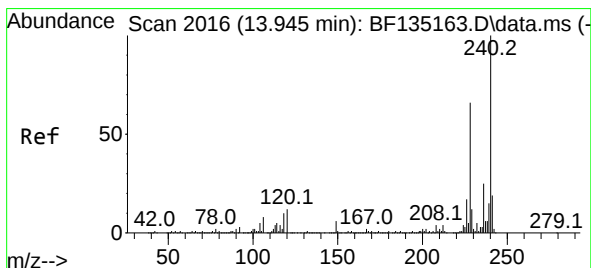
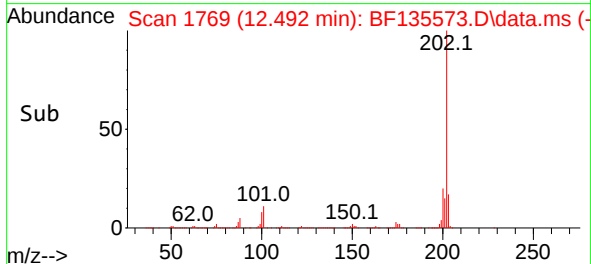
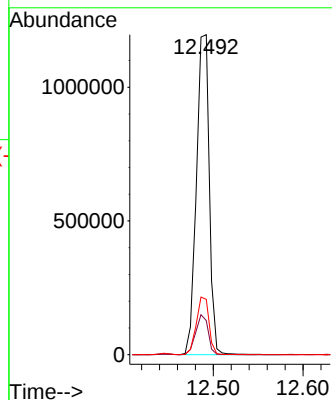
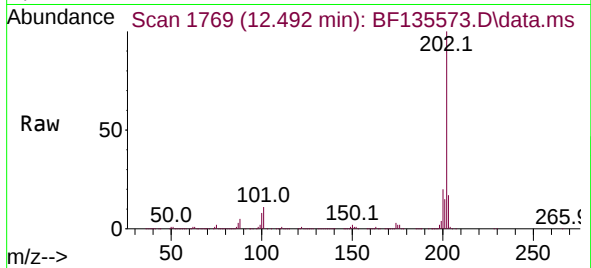




#75
Fluoranthene
Concen: 46.579 ng
RT: 12.492 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135573.D
Acq: 04 Oct 2023 16:07

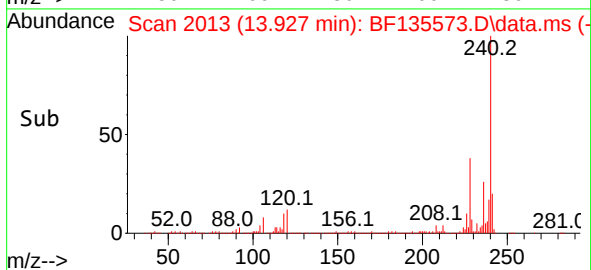
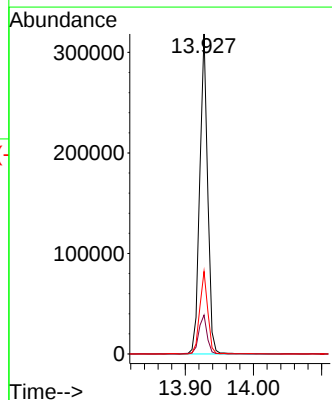
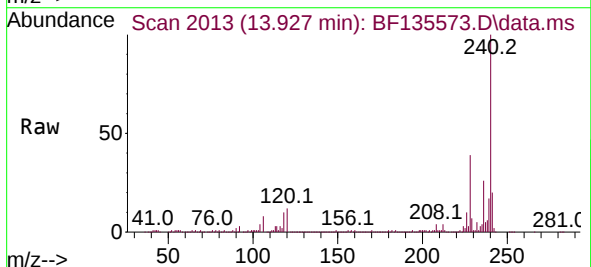
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-03MSD

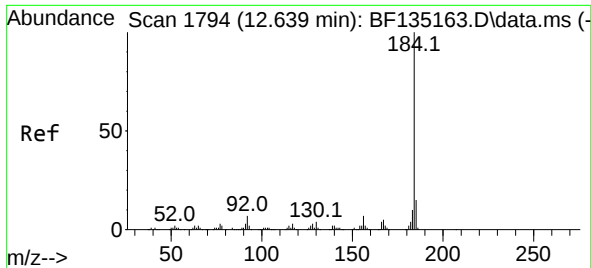
Tgt Ion:202 Resp: 1192013
Ion Ratio Lower Upper
202 100
101 10.6 0.0 31.3
203 17.3 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.927 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF135573.D
Acq: 04 Oct 2023 16:07

Tgt Ion:240 Resp: 257355
Ion Ratio Lower Upper
240 100
120 12.1 9.4 14.2
236 25.8 19.8 29.8

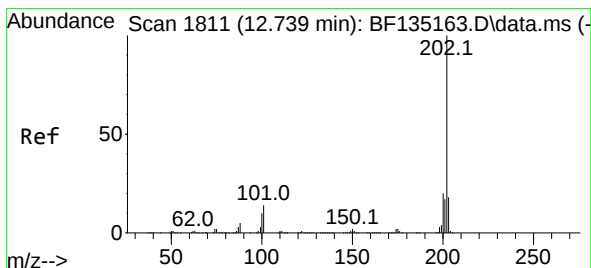
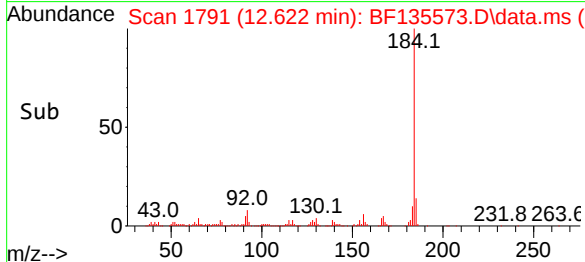
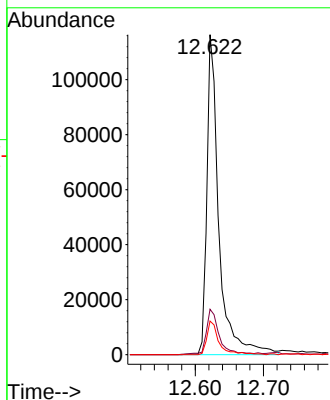
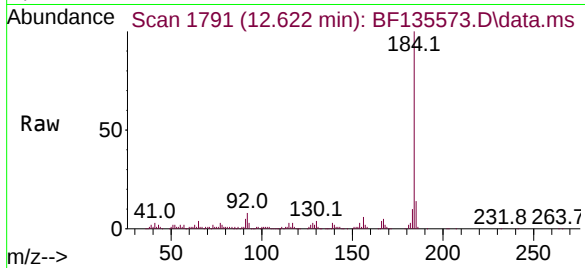




#77
Benzidine
Concen: 27.058 ng
RT: 12.622 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135573.D
Acq: 04 Oct 2023 16:07

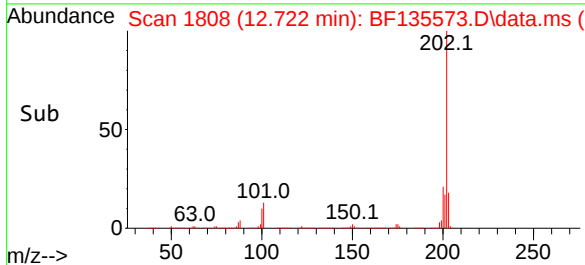
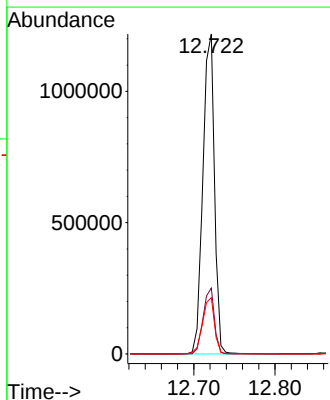
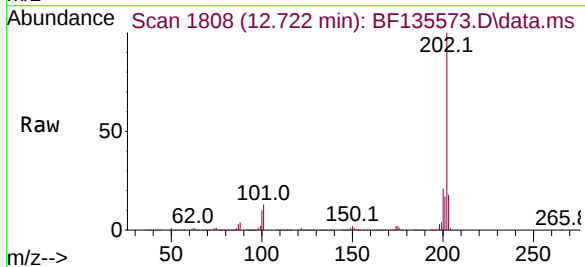
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-03MSD

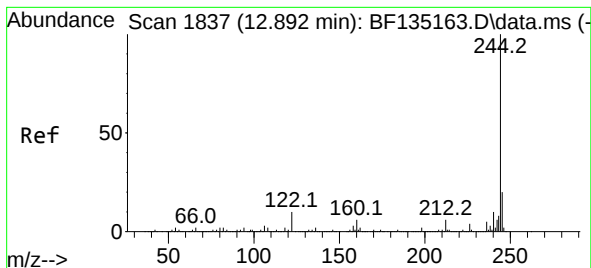
Tgt Ion:184 Resp: 142661
Ion Ratio Lower Upper
184 100
185 14.2 11.7 17.5
183 10.5 8.2 12.4



#78
Pyrene
Concen: 49.148 ng
RT: 12.722 min Scan# 1808
Delta R.T. 0.006 min
Lab File: BF135573.D
Acq: 04 Oct 2023 16:07

Tgt Ion:202 Resp: 1204241
Ion Ratio Lower Upper
202 100
200 20.6 16.2 24.2
203 17.6 14.2 21.4





#79

Terphenyl-d14

Concen: 60.589 ng

RT: 12.863 min Scan# 1832

Delta R.T. 0.000 min

Lab File: BF135573.D

Acq: 04 Oct 2023 16:07

Instrument :

BNA_F

ClientSampleId :

280-300FB-BACKFILL-03MSD

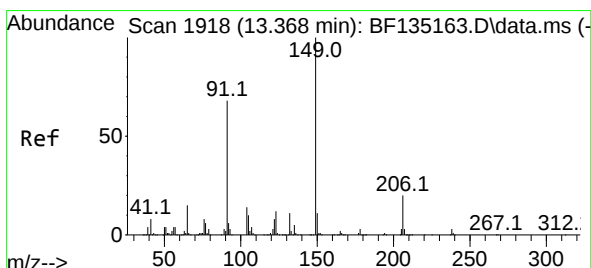
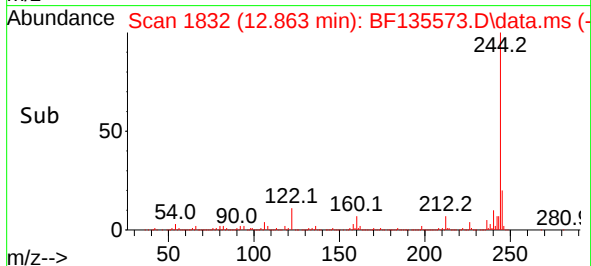
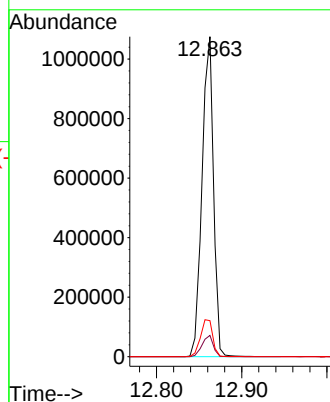
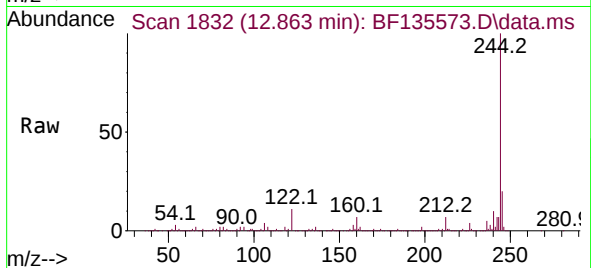
Tgt Ion:244 Resp: 1005873

Ion Ratio Lower Upper

244 100

212 6.7 5.1 7.7

122 11.3 7.9 11.9



#80

Butylbenzylphthalate

Concen: 57.766 ng

RT: 13.339 min Scan# 1913

Delta R.T. 0.000 min

Lab File: BF135573.D

Acq: 04 Oct 2023 16:07

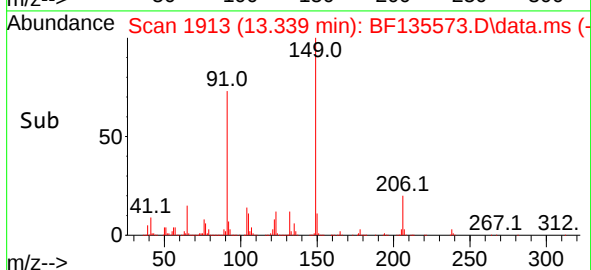
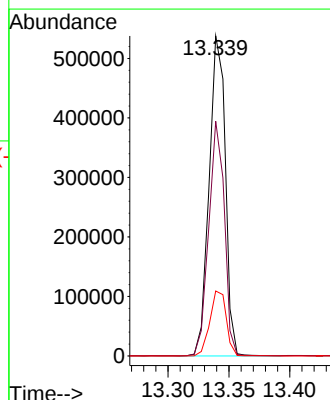
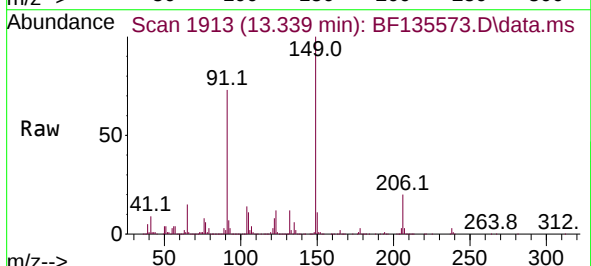
Tgt Ion:149 Resp: 498337

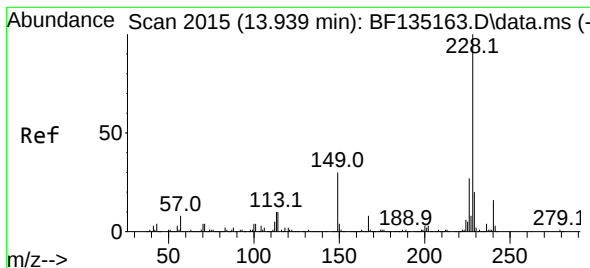
Ion Ratio Lower Upper

149 100

91 73.4 54.7 82.1

206 20.3 16.3 24.5





#81

Benzo(a)anthracene

Concen: 48.577 ng

RT: 13.916 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BF135573.D

Acq: 04 Oct 2023 16:07

Instrument :

BNA_F

ClientSampleId :

280-300FB-BACKFILL-03MSD

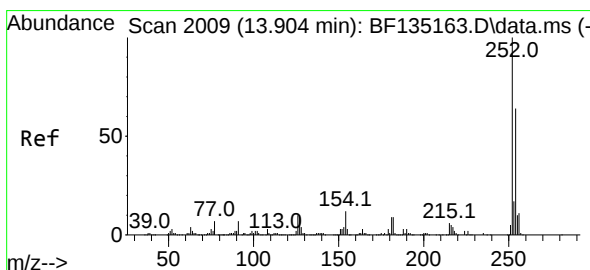
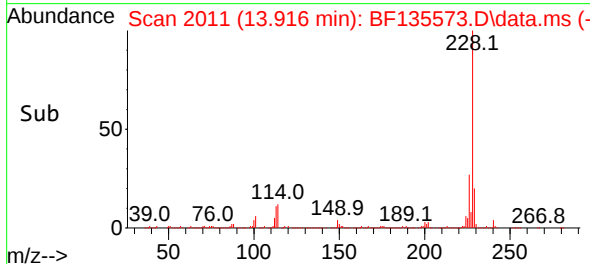
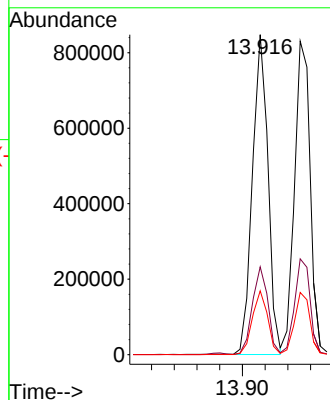
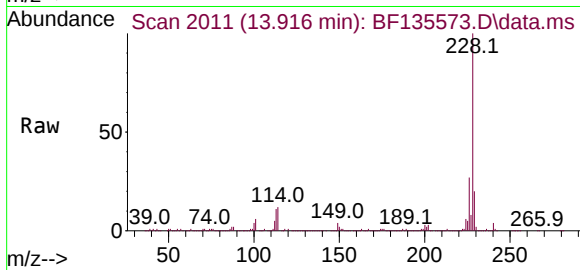
Tgt Ion:228 Resp: 807256

Ion Ratio Lower Upper

228 100

226 27.4 21.7 32.5

229 20.0 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 44.217 ng

RT: 13.880 min Scan# 2005

Delta R.T. 0.000 min

Lab File: BF135573.D

Acq: 04 Oct 2023 16:07

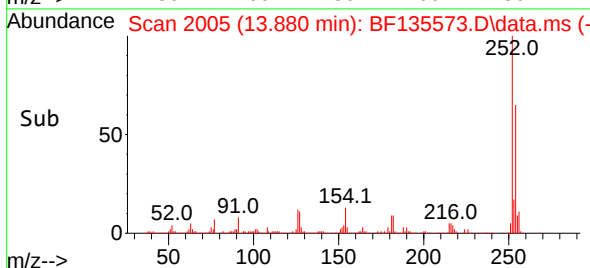
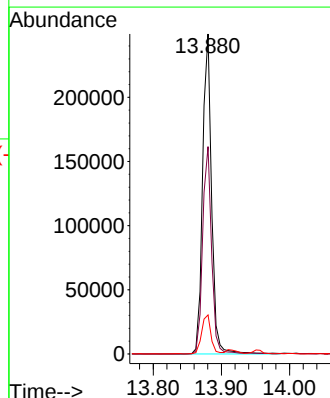
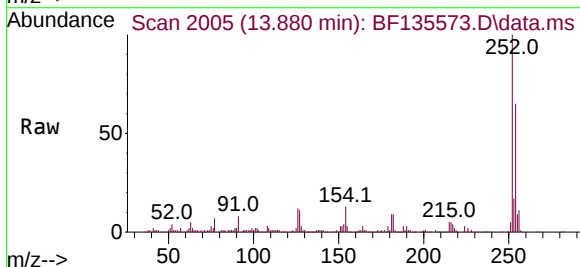
Tgt Ion:252 Resp: 229516

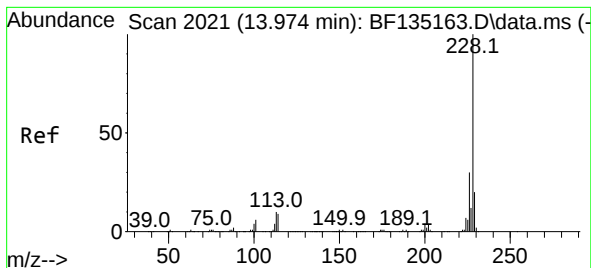
Ion Ratio Lower Upper

252 100

254 64.8 51.0 76.4

126 12.2 7.8 11.8#





#83

Chrysene

Concen: 48.339 ng

RT: 13.951 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BF135573.D

Acq: 04 Oct 2023 16:07

Instrument :

BNA_F

ClientSampleId :

280-300FB-BACKFILL-03MSD

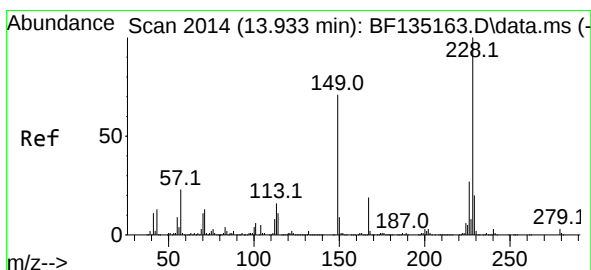
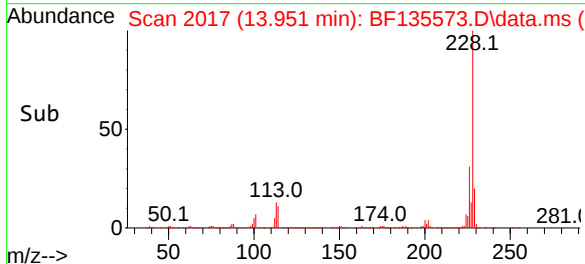
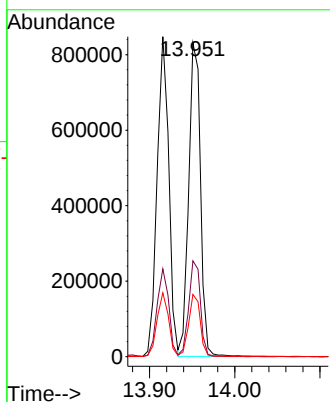
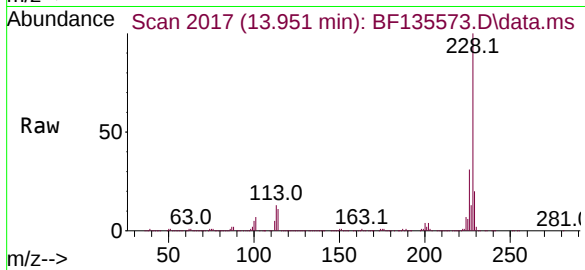
Tgt Ion:228 Resp: 798668

Ion Ratio Lower Upper

228 100

226 30.6 24.3 36.5

229 19.9 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 68.286 ng

RT: 13.904 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BF135573.D

Acq: 04 Oct 2023 16:07

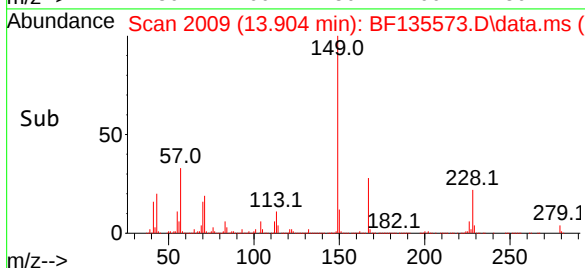
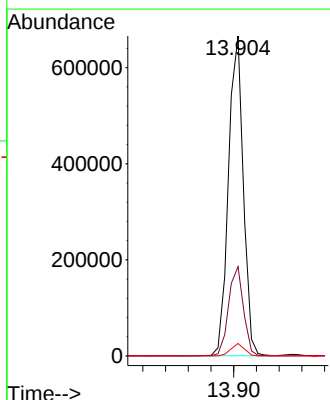
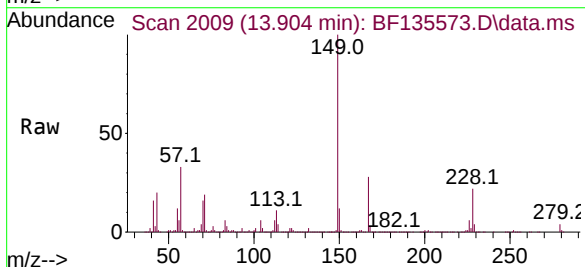
Tgt Ion:149 Resp: 604506

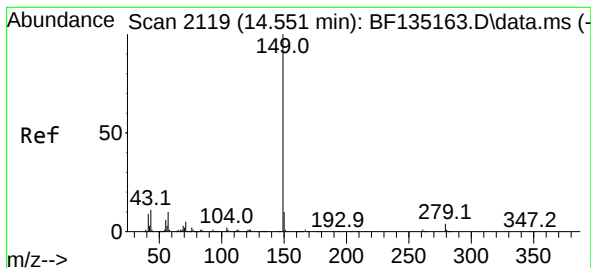
Ion Ratio Lower Upper

149 100

167 27.9 21.9 32.9

279 3.9 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 67.728 ng

RT: 14.516 min Scan# 2113

Delta R.T. -0.006 min

Lab File: BF135573.D

Acq: 04 Oct 2023 16:07

Instrument :

BNA_F

ClientSampleId :

280-300FB-BACKFILL-03MSD

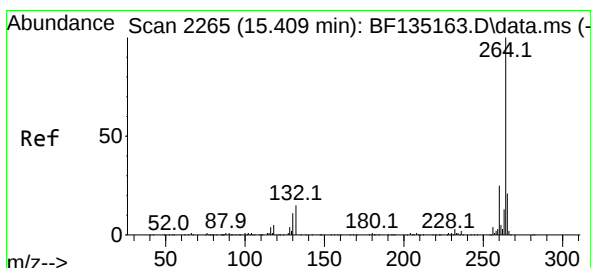
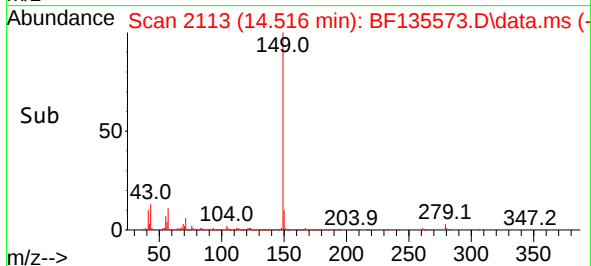
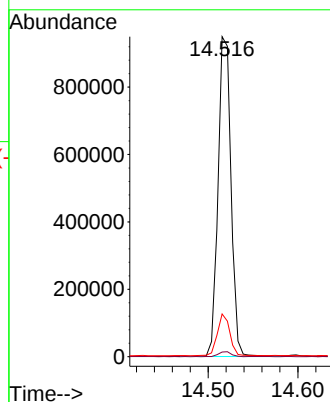
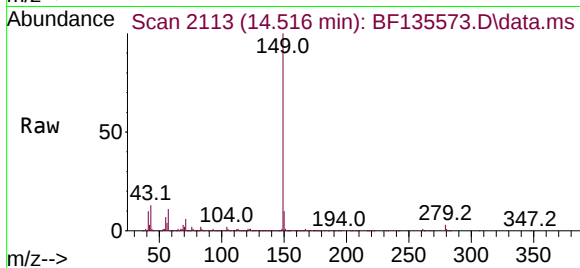
Tgt Ion:149 Resp: 952825

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

43 12.4 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.386 min Scan# 2261

Delta R.T. 0.000 min

Lab File: BF135573.D

Acq: 04 Oct 2023 16:07

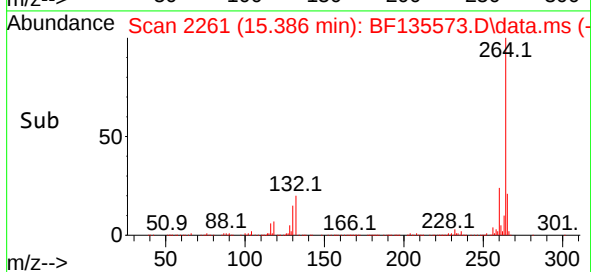
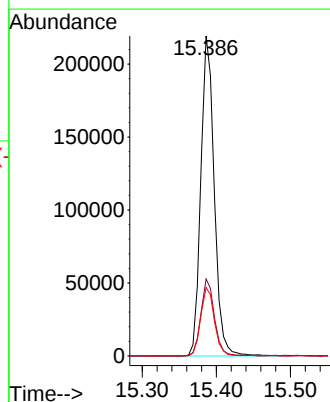
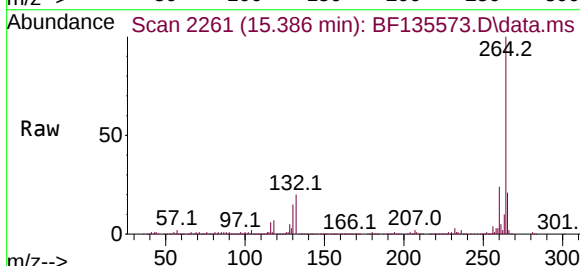
Tgt Ion:264 Resp: 275993

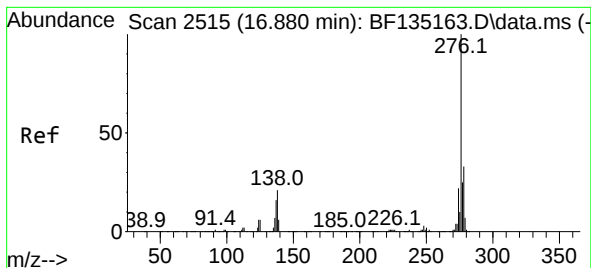
Ion Ratio Lower Upper

264 100

260 24.1 19.8 29.6

265 21.4 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.053 ng

RT: 16.874 min Scan# 2189

Delta R.T. 0.006 min

Lab File: BF135573.D

Acq: 04 Oct 2023 16:07

Instrument :

BNA_F

ClientSampleId :

280-300FB-BACKFILL-03MSD

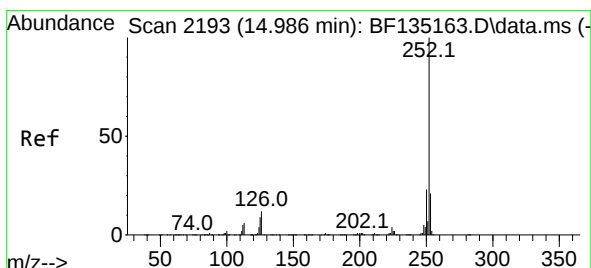
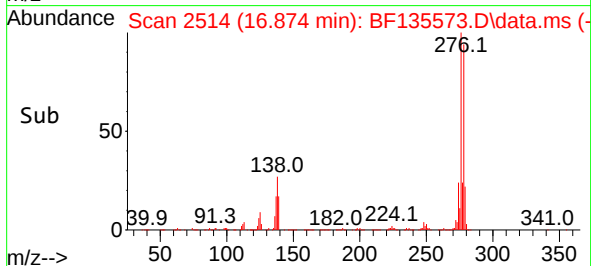
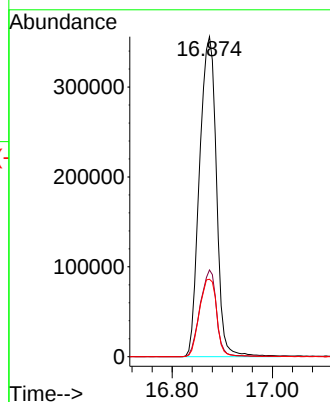
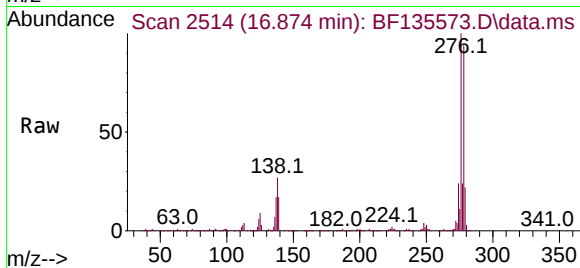
Tgt Ion:276 Resp: 833371

Ion Ratio Lower Upper

276 100

138 26.2 19.2 28.8

277 24.6 19.7 29.5



#88

Benzo(b)fluoranthene

Concen: 51.445 ng

RT: 14.963 min Scan# 2189

Delta R.T. 0.000 min

Lab File: BF135573.D

Acq: 04 Oct 2023 16:07

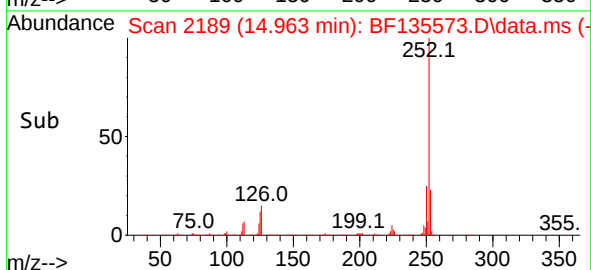
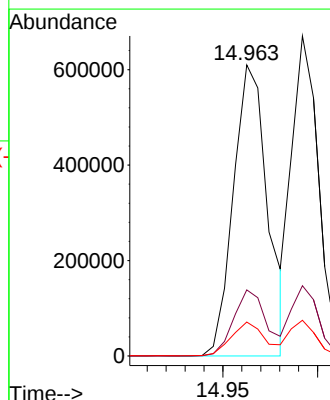
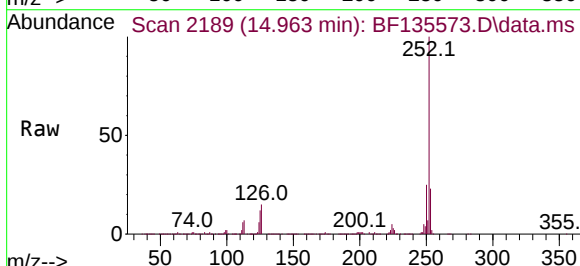
Tgt Ion:252 Resp: 768621

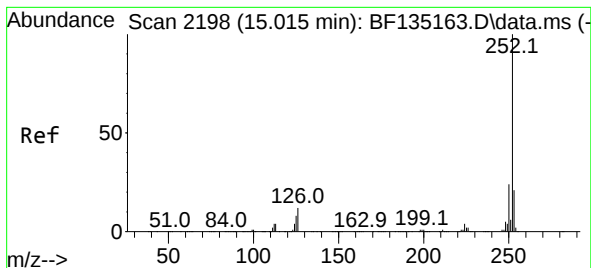
Ion Ratio Lower Upper

252 100

253 22.7 17.2 25.8

125 11.6 7.1 10.7#





#89

Benzo(k)fluoranthene

Concen: 45.402 ng

RT: 14.992 min Scan# 2199

Delta R.T. 0.000 min

Lab File: BF135573.D

Acq: 04 Oct 2023 16:07

Instrument :

BNA_F

ClientSampleId :

280-300FB-BACKFILL-03MSD

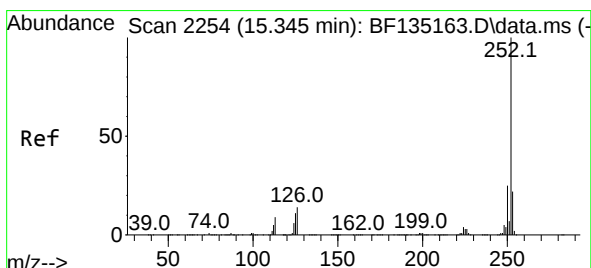
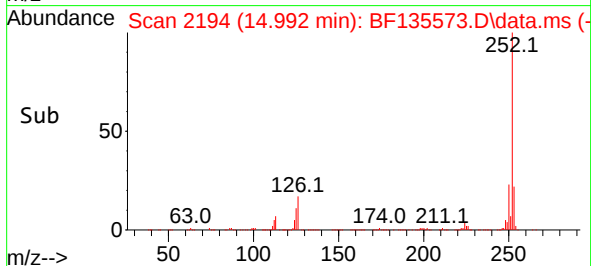
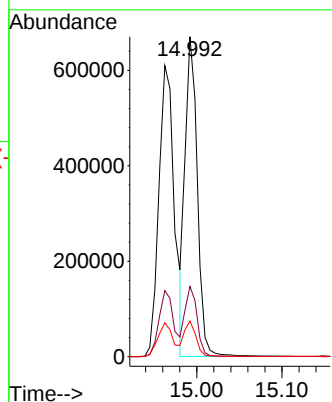
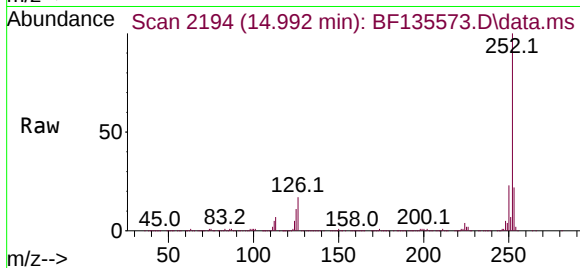
Tgt Ion:252 Resp: 670069

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 11.2 7.2 10.8#



#90

Benzo(a)pyrene

Concen: 47.184 ng

RT: 15.327 min Scan# 2251

Delta R.T. 0.000 min

Lab File: BF135573.D

Acq: 04 Oct 2023 16:07

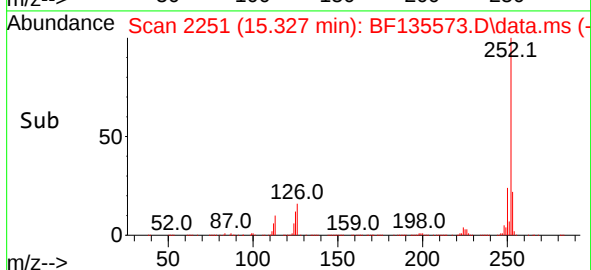
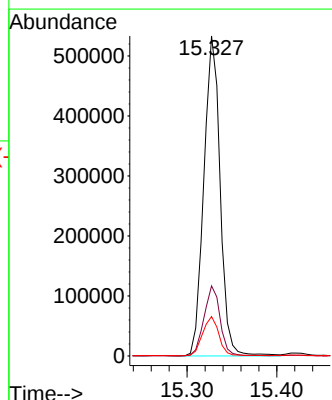
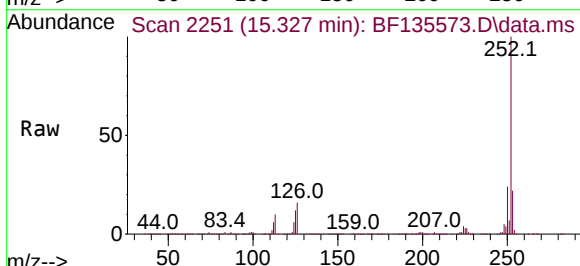
Tgt Ion:252 Resp: 672268

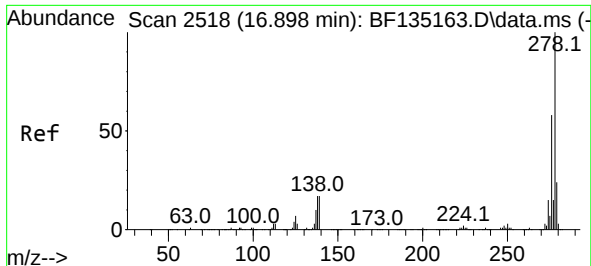
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 12.3 9.2 13.8

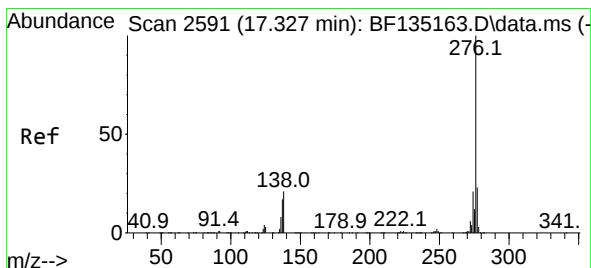
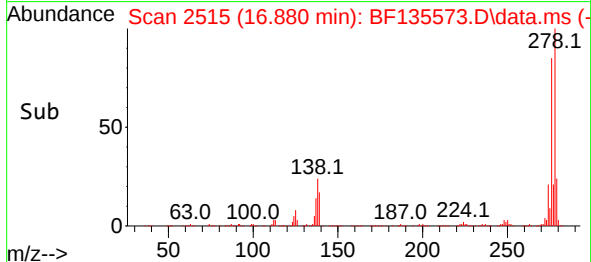
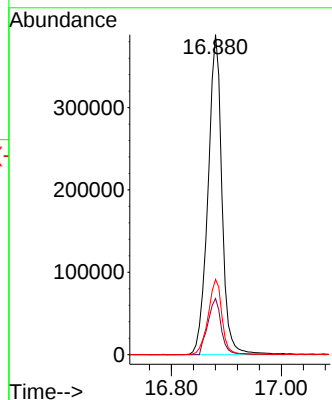
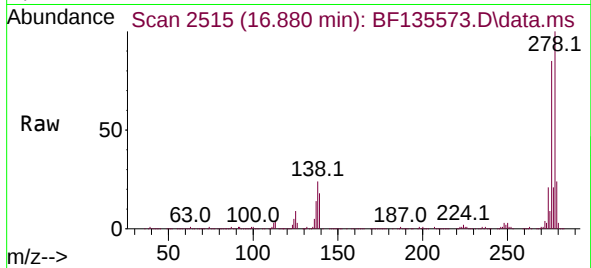




#91
 Dibenzo(a,h)anthracene
 Concen: 46.170 ng
 RT: 16.880 min Scan# 2518
 Delta R.T. 0.000 min
 Lab File: BF135573.D
 Acq: 04 Oct 2023 16:07

Instrument :
 BNA_F
 ClientSampleId :
 280-300FB-BACKFILL-03MSD

Tgt Ion:278 Resp: 683613
 Ion Ratio Lower Upper
 278 100
 139 17.5 13.4 20.0
 279 23.6 19.0 28.6



#92
 Benzo(g,h,i)perylene
 Concen: 43.735 ng
 RT: 17.315 min Scan# 2589
 Delta R.T. 0.000 min
 Lab File: BF135573.D
 Acq: 04 Oct 2023 16:07

Tgt Ion:276 Resp: 676284
 Ion Ratio Lower Upper
 276 100
 277 24.1 18.8 28.2
 138 22.6 16.9 25.3

