

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101023\
 Data File : BF135677.D
 Acq On : 10 Oct 2023 10:46
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 11 02:41:16 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	6.739	152	107689	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	404597	20.000	ng	0.00
39) Acenaphthene-d10	9.780	164	201473	20.000	ng	0.00
64) Phenanthrene-d10	11.274	188	403863	20.000	ng	0.00
76) Chrysene-d12	13.939	240	209560	20.000	ng	0.01
86) Perylene-d12	15.404	264	208847	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	536594	81.043	ng	0.00
7) Phenol-d6	6.392	99	650898	77.312	ng	0.00
23) Nitrobenzene-d5	7.310	82	616728	82.814	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	161680	80.753	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1085049	81.253	ng	0.00
79) Terphenyl-d14	12.868	244	1092532	80.819	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.428	88	132906	45.789	ng	99
3) Pyridine	3.175	79	320505	41.028	ng	97
4) n-Nitrosodimethylamine	3.151	42	176693	42.623	ng	96
6) Aniline	6.410	93	416710	37.744	ng	# 65
8) 2-Chlorophenol	6.534	128	285162	40.345	ng	93
9) Benzaldehyde	6.298	77	176841	36.871	ng	97
10) Phenol	6.404	94	349328	37.839	ng	# 70
11) bis(2-Chloroethyl)ether	6.481	93	276704	39.958	ng	98
12) 1,3-Dichlorobenzene	6.681	146	290800	40.483	ng	97
13) 1,4-Dichlorobenzene	6.757	146	288615	39.492	ng	100
14) 1,2-Dichlorobenzene	6.910	146	266109	39.210	ng	96
15) Benzyl Alcohol	6.892	79	218868	36.228	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.016	45	503859	38.601	ng	63
17) 2-Methylphenol	7.010	107	240237	38.516	ng	# 92
18) Hexachloroethane	7.245	117	106999	39.625	ng	98
19) n-Nitroso-di-n-propyla...	7.157	70	196854	37.749	ng	93
20) 3+4-Methylphenols	7.163	107	304821	40.642	ng	# 78
22) Acetophenone	7.157	105	378752	40.946	ng	# 95
24) Nitrobenzene	7.328	77	314459	42.721	ng	99
25) Isophorone	7.563	82	563586	41.213	ng	97
26) 2-Nitrophenol	7.645	139	155378	43.982	ng	95
27) 2,4-Dimethylphenol	7.686	122	253944	42.765	ng	98
28) bis(2-Chloroethoxy)met...	7.775	93	345464	42.208	ng	99
29) 2,4-Dichlorophenol	7.892	162	233877	42.505	ng	97
30) 1,2,4-Trichlorobenzene	7.963	180	239029	41.562	ng	98
31) Naphthalene	8.039	128	820545	41.741	ng	99
32) Benzoic acid	7.834	122	162650	36.375	ng	100
33) 4-Chloroaniline	8.098	127	364378	42.247	ng	98
34) Hexachlorobutadiene	8.151	225	145650	42.000	ng	99
35) Caprolactam	8.481	113	79601	43.105	ng	98
36) 4-Chloro-3-methylphenol	8.592	107	256840	41.999	ng	99
37) 2-Methylnaphthalene	8.733	142	541644	40.990	ng	99
38) 1-Methylnaphthalene	8.833	142	496936	40.168	ng	99
40) 1,2,4,5-Tetrachloroben...	8.904	216	250334	42.889	ng	99
41) Hexachlorocyclopentadiene	8.881	237	28011	17.270	ng	96
43) 2,4,6-Trichlorophenol	9.022	196	156962	41.072	ng	99

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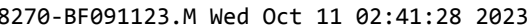
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.069	196	180407	40.992	ng	96
46) 1,1'-Biphenyl	9.198	154	651182	42.058	ng	99
47) 2-Chloronaphthalene	9.228	162	472921	42.098	ng	98
48) 2-Nitroaniline	9.333	65	190128	43.565	ng	95
49) Acenaphthylene	9.639	152	764183	40.932	ng	99
50) Dimethylphthalate	9.504	163	569199	41.786	ng	99
51) 2,6-Dinitrotoluene	9.580	165	125941	42.205	ng	86
52) Acenaphthene	9.816	154	465476	42.205	ng	96
53) 3-Nitroaniline	9.751	138	155126	44.287	ng	97
54) 2,4-Dinitrophenol	9.875	184	50594	33.781	ng	97
55) Dibenzofuran	9.986	168	674630	40.085	ng	98
56) 4-Nitrophenol	9.939	139	62133	27.910	ng	94
57) 2,4-Dinitrotoluene	9.992	165	150681	40.335	ng	96
58) Fluorene	10.333	166	561320	43.384	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.116	232	135787	40.109	ng	98
60) Diethylphthalate	10.204	149	564314	41.280	ng	98
61) 4-Chlorophenyl-phenyle...	10.322	204	265989	42.797	ng	97
62) 4-Nitroaniline	10.369	138	144991	43.062	ng	99
63) Azobenzene	10.486	77	575364	43.004	ng	99
65) 4,6-Dinitro-2-methylph...	10.404	198	88921	41.454	ng	99
66) n-Nitrosodiphenylamine	10.445	169	501393	41.008	ng	99
67) 4-Bromophenyl-phenylether	10.816	248	166034	41.336	ng	99
68) Hexachlorobenzene	10.880	284	164862	40.288	ng	# 89
69) Atrazine	10.980	200	134321	40.828	ng	98
70) Pentachlorophenol	11.086	266	67226	27.458	ng	95
71) Phenanthrene	11.298	178	797451	41.749	ng	100
72) Anthracene	11.351	178	830534	42.301	ng	99
73) Carbazole	11.516	167	762885	42.684	ng	99
74) Di-n-butylphthalate	11.839	149	882716	41.913	ng	99
75) Fluoranthene	12.498	202	844879	42.450	ng	98
77) Benzidine	12.627	184	161000	37.501	ng	98
78) Pyrene	12.727	202	837985	42.001	ng	99
80) Butylbenzylphthalate	13.345	149	317227	45.159	ng	97
81) Benzo(a)anthracene	13.927	228	575706	42.545	ng	98
82) 3,3'-Dichlorobenzidine	13.886	252	173244	40.988	ng	# 95
83) Chrysene	13.963	228	553898	41.170	ng	100
84) Bis(2-ethylhexyl)phtha...	13.910	149	363620	50.443	ng	99
85) Di-n-octyl phthalate	14.527	149	492872	43.024	ng	# 99
87) Indeno(1,2,3-cd)pyrene	16.904	276	576438	42.096	ng	100
88) Benzo(b)fluoranthene	14.980	252	449326	39.744	ng	99
89) Benzo(k)fluoranthene	15.004	252	431233	38.613	ng	99
90) Benzo(a)pyrene	15.345	252	445988	41.366	ng	99
91) Dibenzo(a,h)anthracene	16.909	278	467869	41.759	ng	98
92) Benzo(g,h,i)perylene	17.351	276	502446	42.939	ng	98

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

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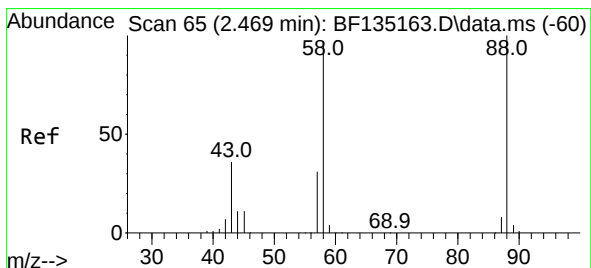
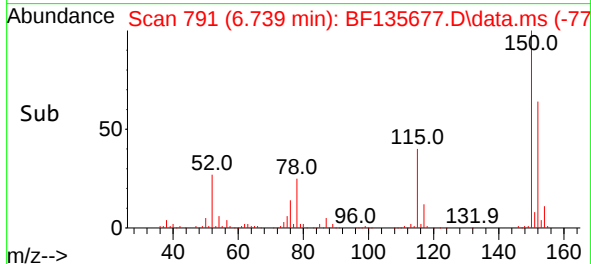
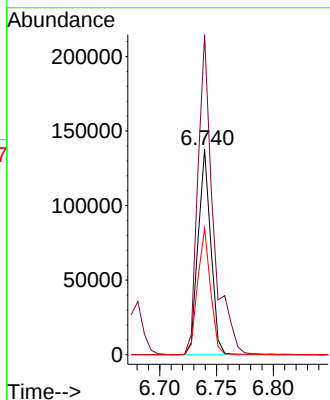
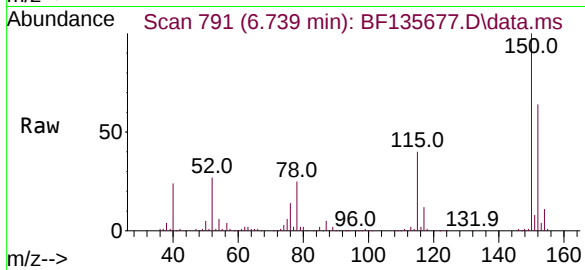




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.739 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: BF135677.D
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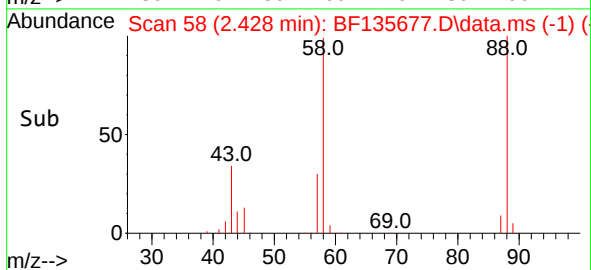
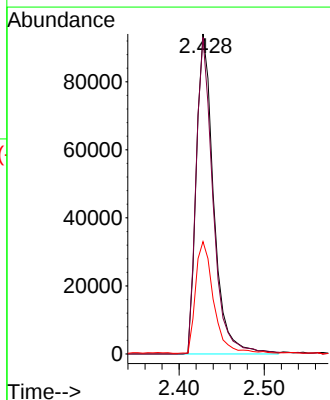
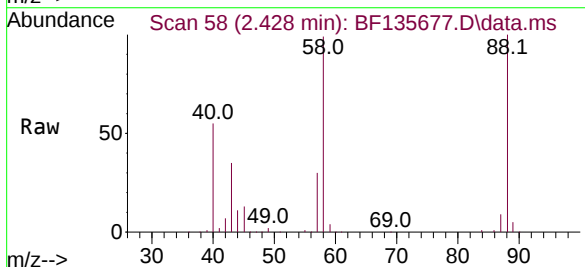
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Tgt Ion:152 Resp: 107689
 Ion Ratio Lower Upper
 152 100
 150 155.9 127.8 191.6
 115 61.6 49.8 74.8



#2
 1,4-Dioxane
 Concen: 45.789 ng
 RT: 2.428 min Scan# 58
 Delta R.T. 0.006 min
 Lab File: BF135677.D
 Acq: 10 Oct 2023 10:46

Tgt Ion: 88 Resp: 132906
 Ion Ratio Lower Upper
 88 100
 58 97.0 78.3 117.5
 43 36.1 29.4 44.0

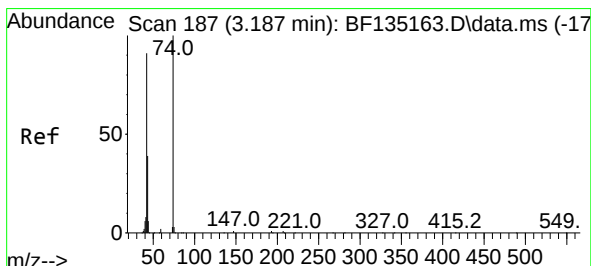
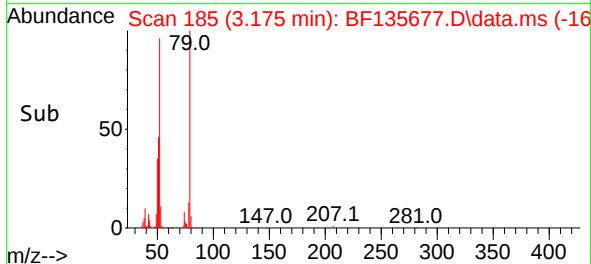
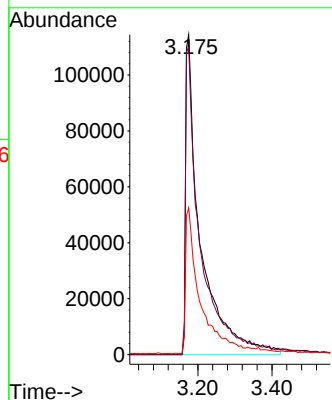
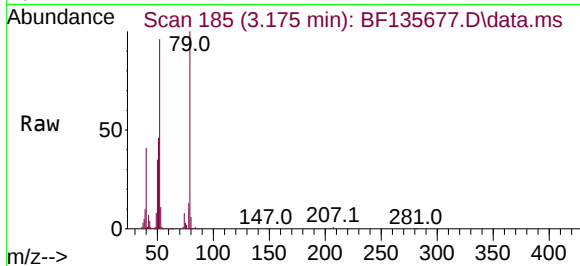




#3
Pyridine
Concen: 41.028 ng
RT: 3.175 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF135677.D
Acq: 10 Oct 2023 10:46

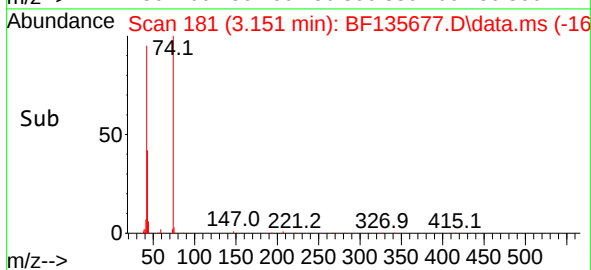
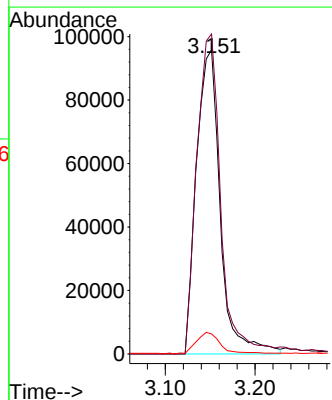
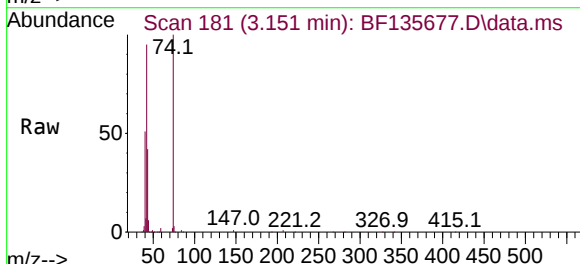
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ClientSampleId :
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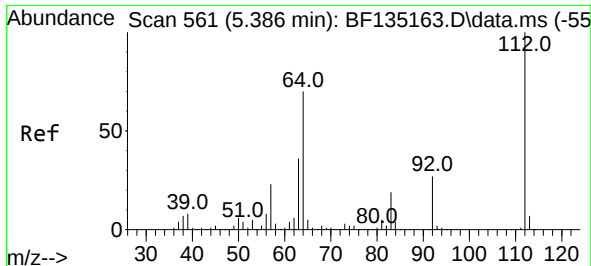
Tgt Ion: 79 Resp: 320505
Ion Ratio Lower Upper
79 100
52 96.1 74.1 111.1
51 45.9 35.8 53.8



#4
n-Nitrosodimethylamine
Concen: 42.623 ng
RT: 3.151 min Scan# 181
Delta R.T. 0.018 min
Lab File: BF135677.D
Acq: 10 Oct 2023 10:46

Tgt Ion: 42 Resp: 176693
Ion Ratio Lower Upper
42 100
74 105.2 87.7 131.5
44 6.6 5.6 8.4

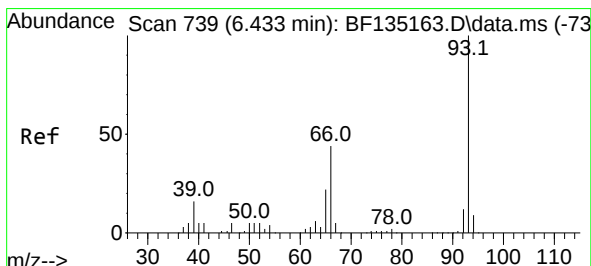
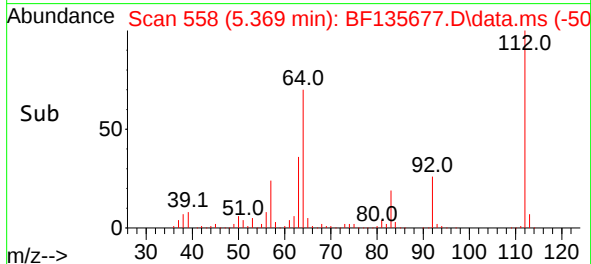
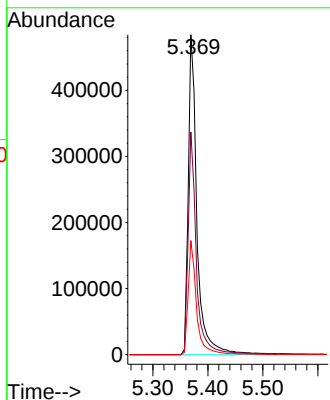
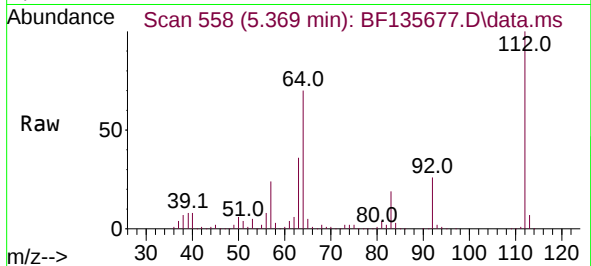




#5
2-Fluorophenol
Concen: 81.043 ng
RT: 5.369 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF135677.D
Acq: 10 Oct 2023 10:46

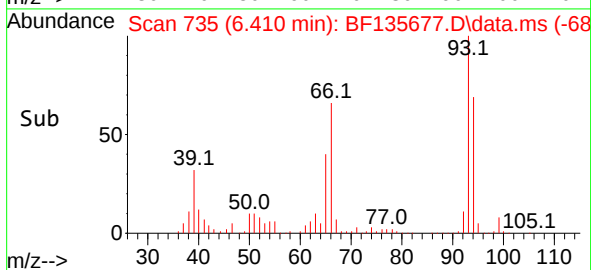
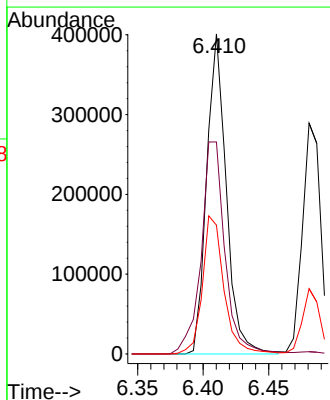
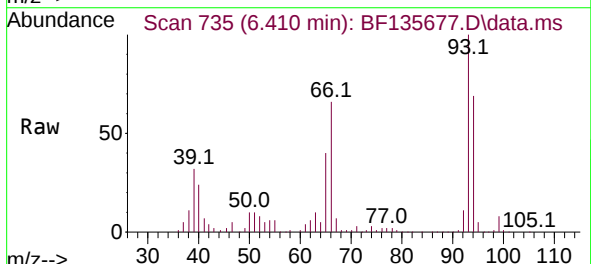
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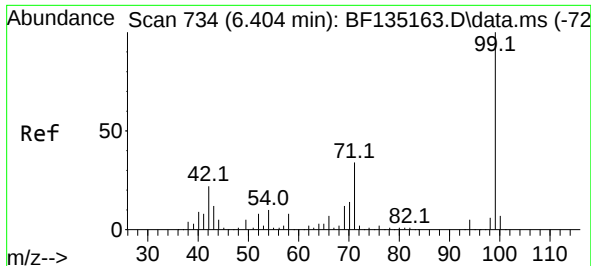
Tgt Ion:112 Resp: 536594
Ion Ratio Lower Upper
112 100
64 69.6 55.9 83.9
63 35.6 29.0 43.6



#6
Aniline
Concen: 37.744 ng
RT: 6.410 min Scan# 735
Delta R.T. 0.000 min
Lab File: BF135677.D
Acq: 10 Oct 2023 10:46

Tgt Ion: 93 Resp: 416710
Ion Ratio Lower Upper
93 100
66 66.2 35.4 53.0#
65 40.3 17.8 26.8#

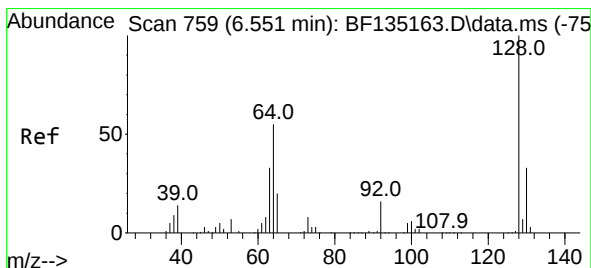
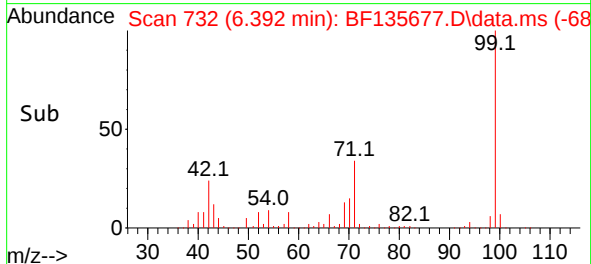
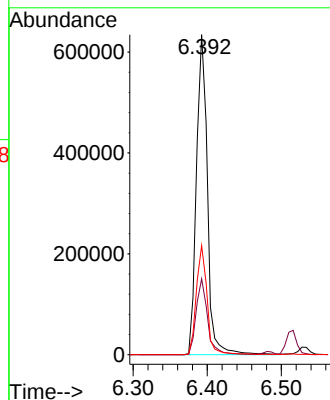
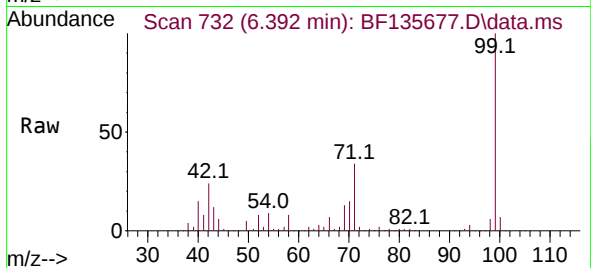




#7
Phenol-d6
Concen: 77.312 ng
RT: 6.392 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF135677.D
Acq: 10 Oct 2023 10:46

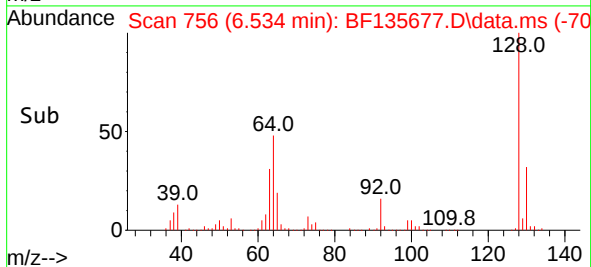
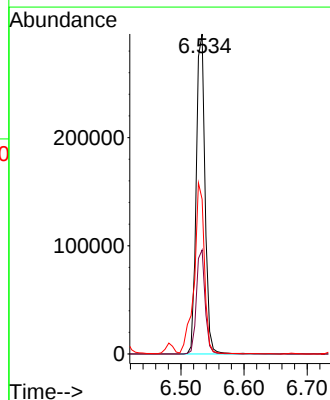
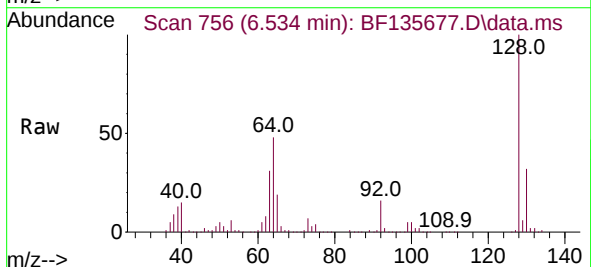
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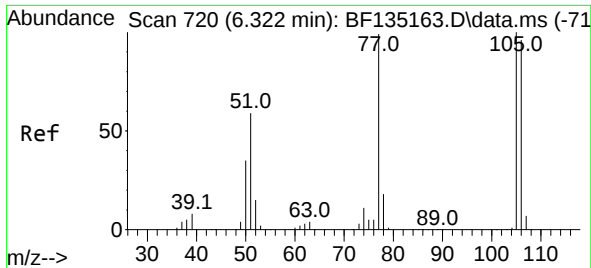
Tgt Ion: 99 Resp: 650898
Ion Ratio Lower Upper
99 100
42 23.7 17.9 26.9
71 34.1 27.0 40.6



#8
2-Chlorophenol
Concen: 40.345 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.006 min
Lab File: BF135677.D
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Tgt Ion: 128 Resp: 285162
Ion Ratio Lower Upper
128 100
130 32.5 12.7 52.7
64 48.3 35.9 75.9

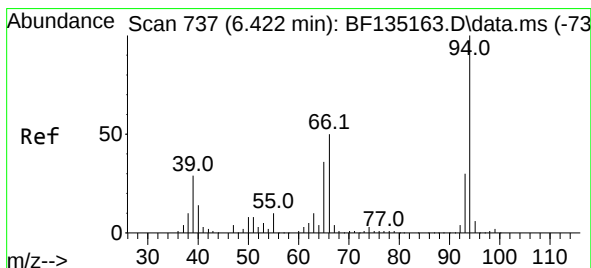
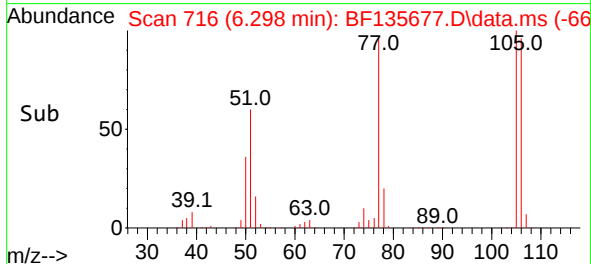
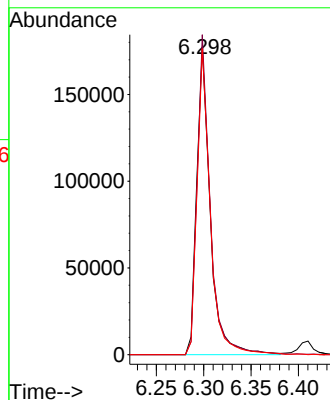
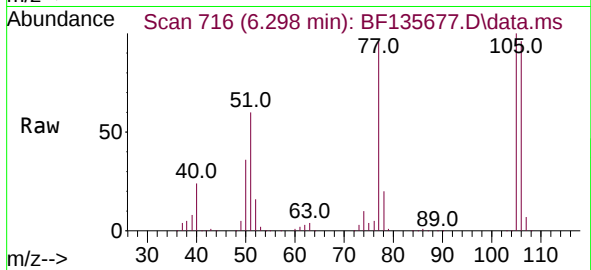




#9
Benzaldehyde
Concen: 36.871 ng
RT: 6.298 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF135677.D
Acq: 10 Oct 2023 10:46

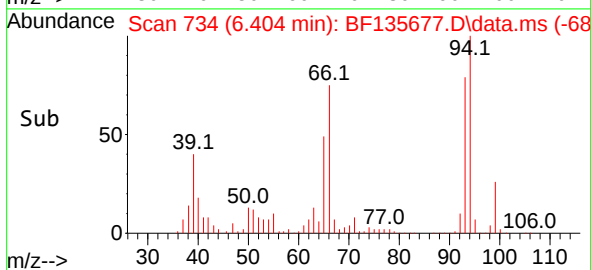
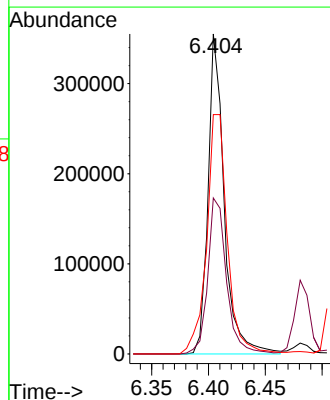
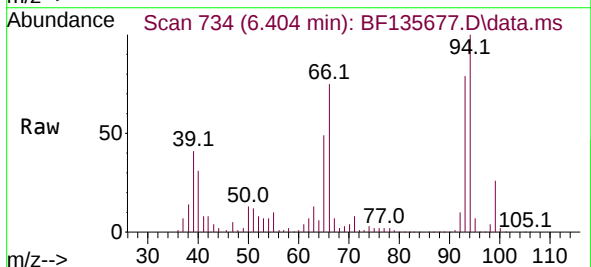
Instrument :
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Tgt Ion: 77 Resp: 176841
Ion Ratio Lower Upper
77 100
105 103.9 81.4 121.4
106 99.4 76.9 116.9



#10
Phenol
Concen: 37.839 ng
RT: 6.404 min Scan# 734
Delta R.T. 0.000 min
Lab File: BF135677.D
Acq: 10 Oct 2023 10:46

Tgt Ion: 94 Resp: 349328
Ion Ratio Lower Upper
94 100
65 48.8 15.9 55.9
66 74.8 29.8 69.8#





#11

bis(2-Chloroethyl)ether

Concen: 39.958 ng

RT: 6.481 min Scan# 74

Delta R.T. 0.000 min

Lab File: BF135677.D

Acq: 10 Oct 2023 10:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

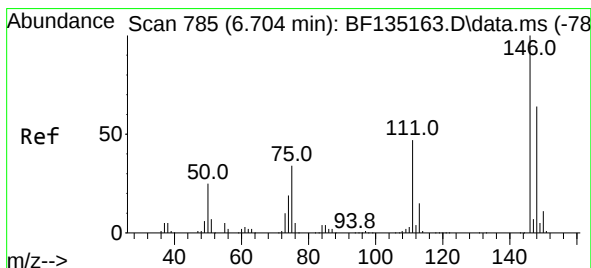
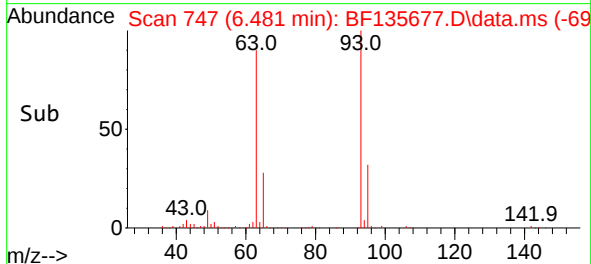
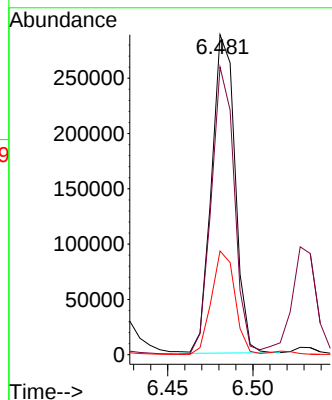
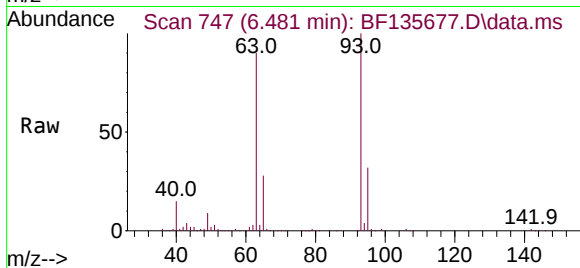
Tgt Ion: 93 Resp: 276704

Ion Ratio Lower Upper

93 100

63 89.9 67.3 107.3

95 32.4 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 40.483 ng

RT: 6.681 min Scan# 781

Delta R.T. 0.000 min

Lab File: BF135677.D

Acq: 10 Oct 2023 10:46

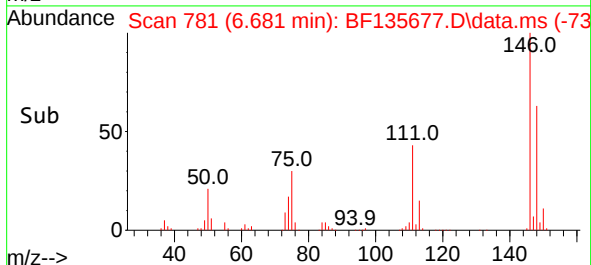
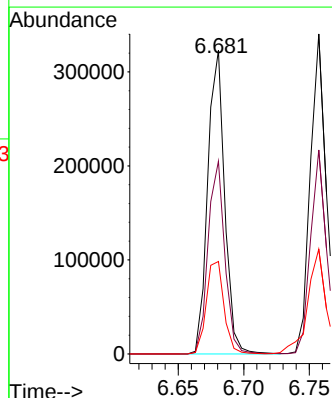
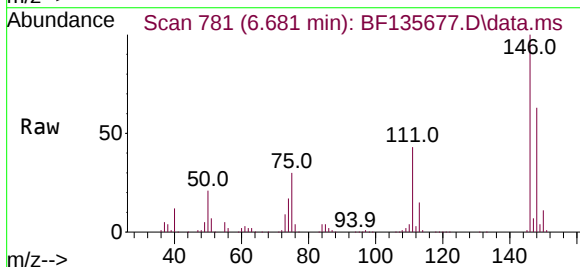
Tgt Ion:146 Resp: 290800

Ion Ratio Lower Upper

146 100

148 63.5 51.3 76.9

75 30.5 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 39.492 ng

RT: 6.757 min Scan# 79

Delta R.T. 0.000 min

Lab File: BF135677.D

Acq: 10 Oct 2023 10:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

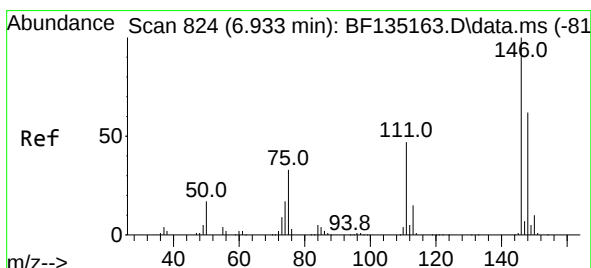
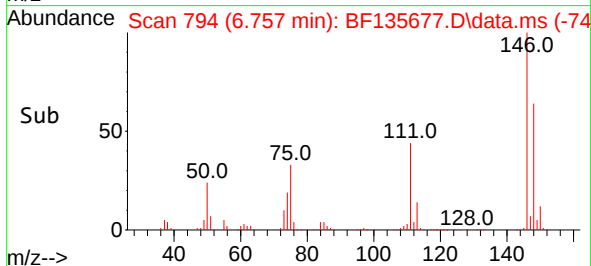
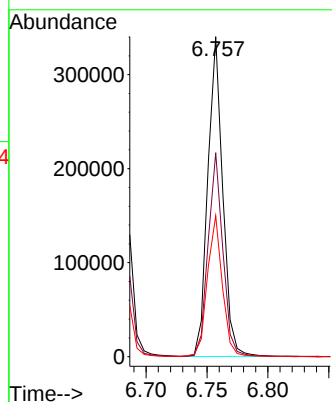
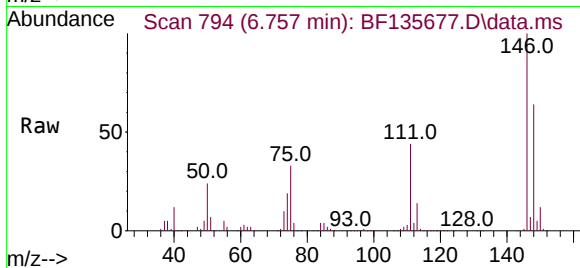
Tgt Ion:146 Resp: 288615

Ion Ratio Lower Upper

146 100

148 63.8 51.3 76.9

111 44.0 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 39.210 ng

RT: 6.910 min Scan# 820

Delta R.T. 0.000 min

Lab File: BF135677.D

Acq: 10 Oct 2023 10:46

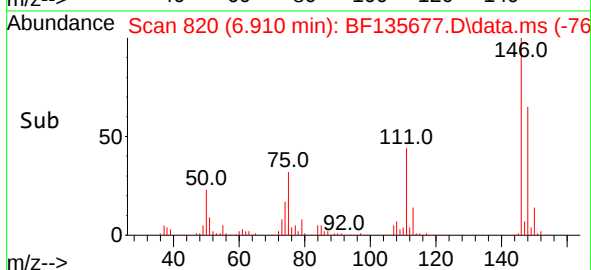
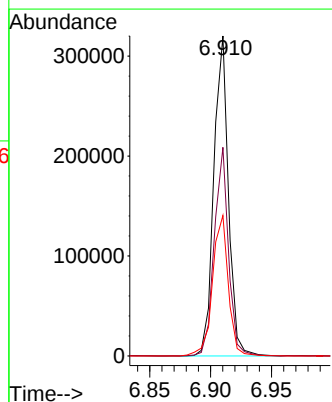
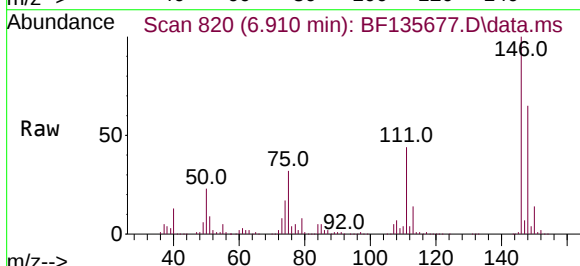
Tgt Ion:146 Resp: 266109

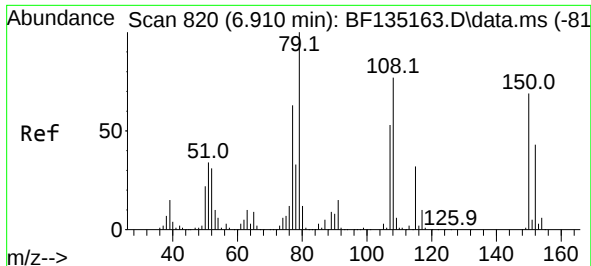
Ion Ratio Lower Upper

146 100

148 65.2 49.7 74.5

111 43.9 37.4 56.2

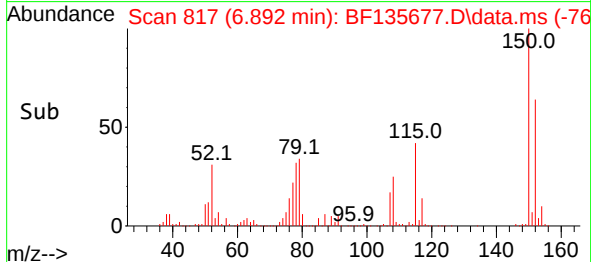
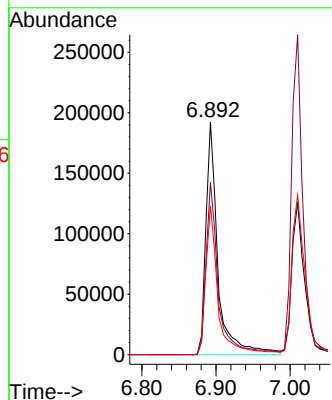
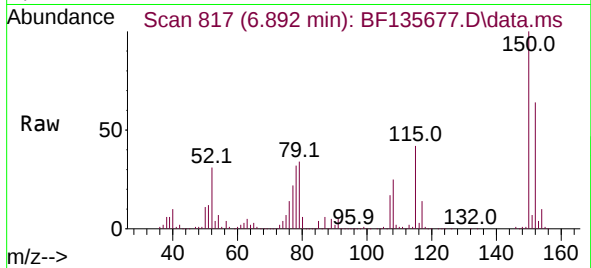




#15
Benzyl Alcohol
Concen: 36.228 ng
RT: 6.892 min Scan# 817
Delta R.T. 0.006 min
Lab File: BF135677.D
Acq: 10 Oct 2023 10:46

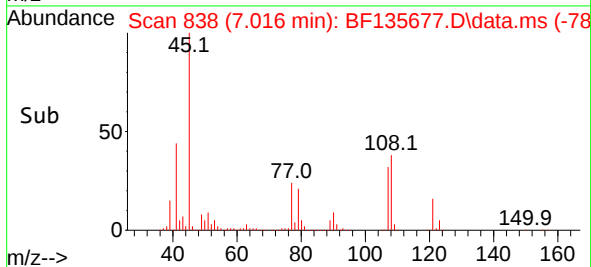
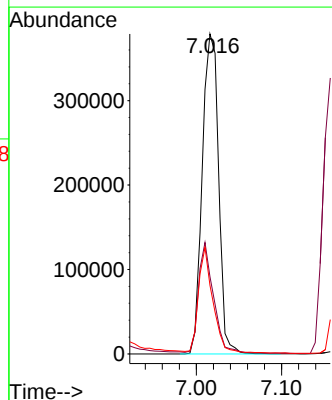
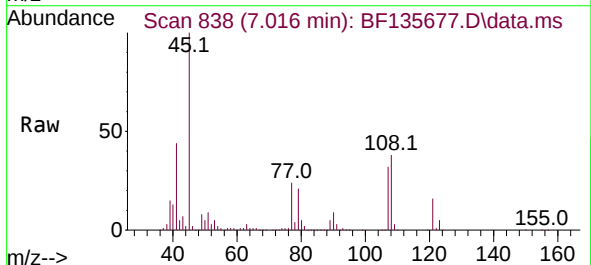
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

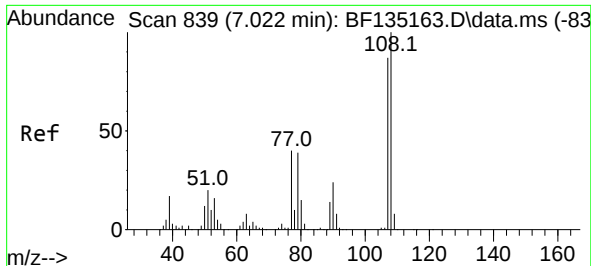
Tgt Ion: 79 Resp: 218868
Ion Ratio Lower Upper
79 100
108 74.1 61.2 91.8
77 64.0 50.5 75.7



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.601 ng
RT: 7.016 min Scan# 838
Delta R.T. 0.000 min
Lab File: BF135677.D
Acq: 10 Oct 2023 10:46

Tgt Ion: 45 Resp: 503859
Ion Ratio Lower Upper
45 100
77 24.2 0.0 30.6
79 21.5 0.0 28.3

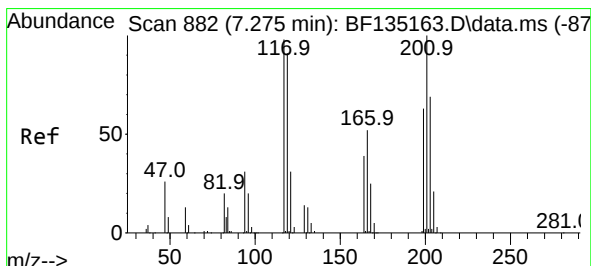
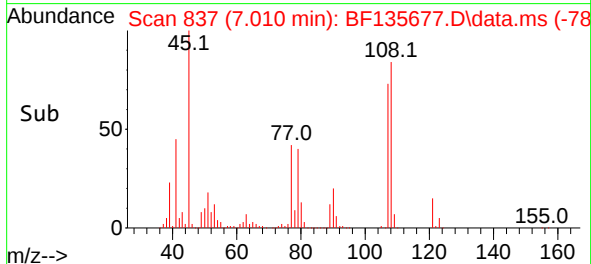
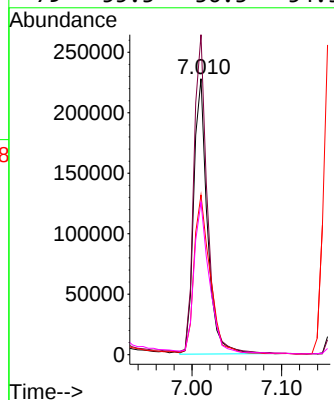
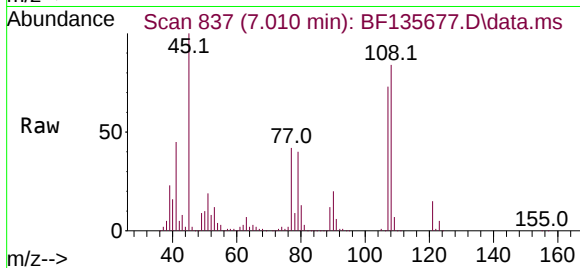




#17
2-Methylphenol
Concen: 38.516 ng
RT: 7.010 min Scan# 810
Delta R.T. 0.006 min
Lab File: BF135677.D
Acq: 10 Oct 2023 10:46

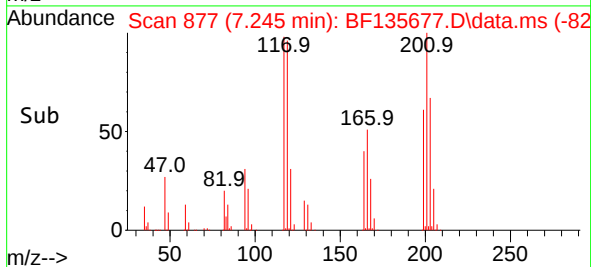
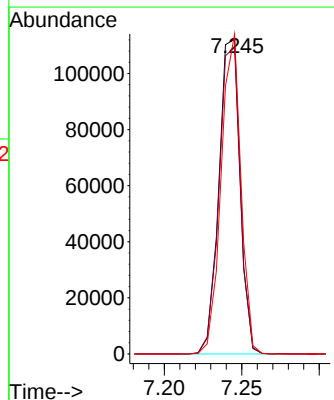
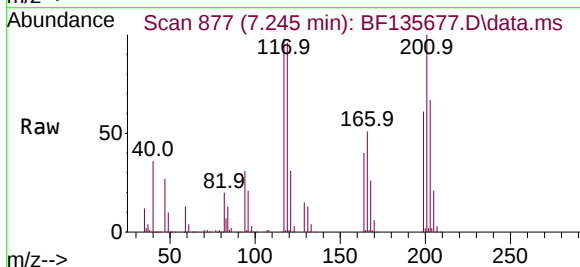
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 240237
Ion Ratio Lower Upper
107 100
108 115.9 92.0 138.0
77 57.9 36.7 55.1#
79 55.3 36.3 54.5#



#18
Hexachloroethane
Concen: 39.625 ng
RT: 7.245 min Scan# 877
Delta R.T. 0.006 min
Lab File: BF135677.D
Acq: 10 Oct 2023 10:46

Tgt Ion:117 Resp: 106999
Ion Ratio Lower Upper
117 100
119 97.4 74.7 112.1
201 101.7 81.8 122.8





#19

n-Nitroso-di-n-propylamine

Concen: 37.749 ng

RT: 7.157 min Scan# 862

Delta R.T. 0.000 min

Lab File: BF135677.D

Acq: 10 Oct 2023 10:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 196854

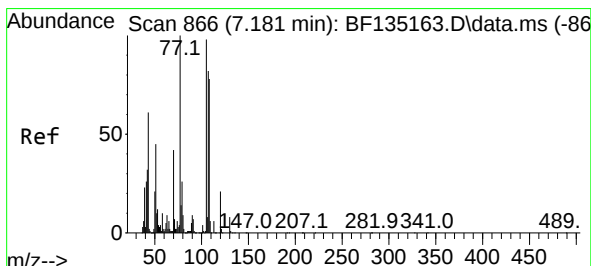
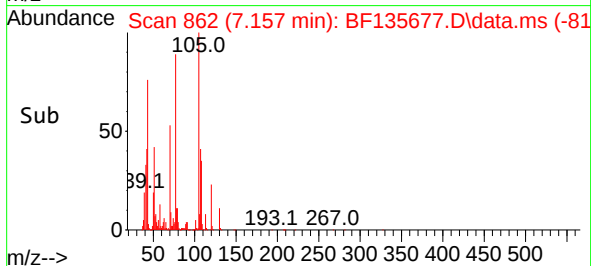
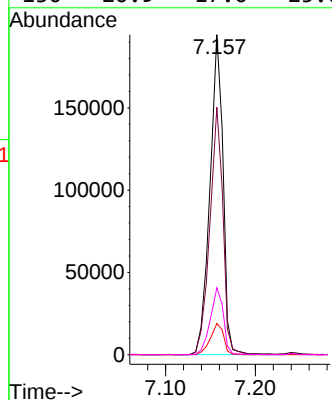
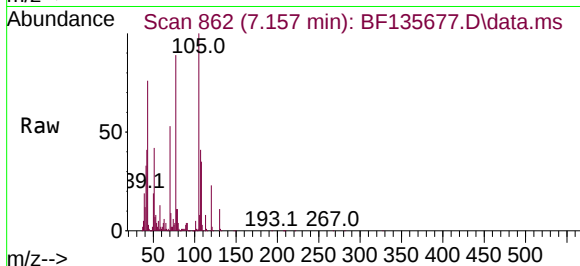
Ion Ratio Lower Upper

70 100

42 77.3 55.4 83.0

101 9.8 7.7 11.5

130 20.9 17.0 25.6



#20

3+4-Methylphenols

Concen: 40.642 ng

RT: 7.163 min Scan# 863

Delta R.T. 0.000 min

Lab File: BF135677.D

Acq: 10 Oct 2023 10:46

Tgt Ion: 107 Resp: 304821

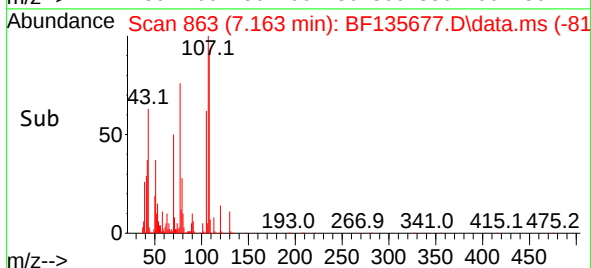
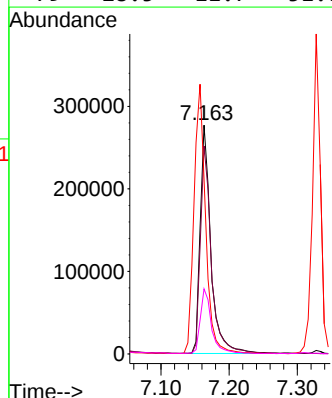
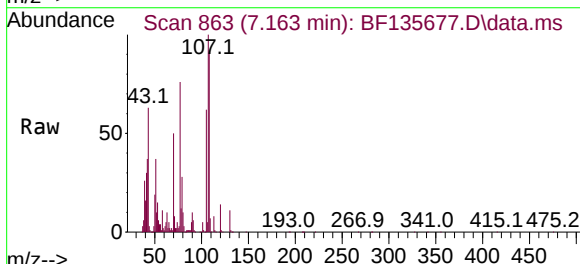
Ion Ratio Lower Upper

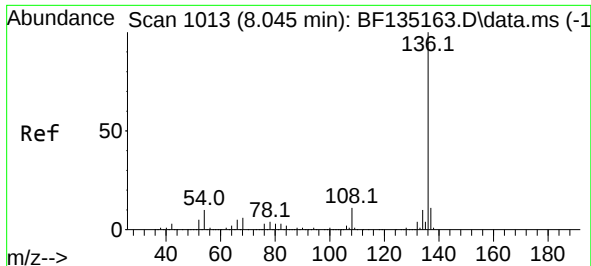
107 100

108 90.9 74.7 114.7

77 76.3 102.0 142.0

79 28.5 11.7 51.7

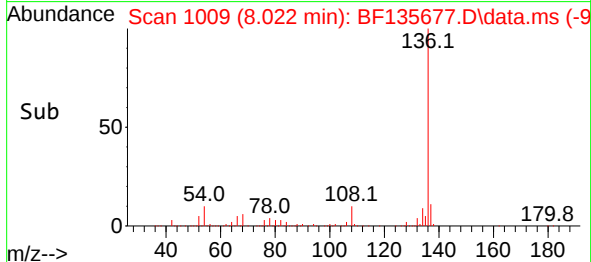
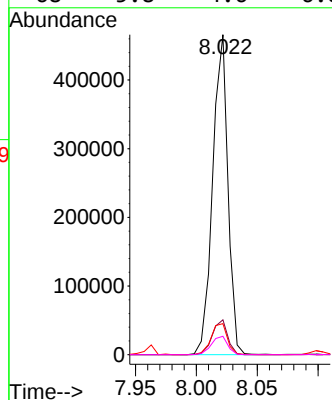
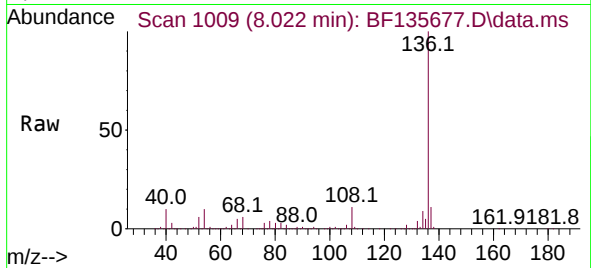




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 10
Delta R.T. 0.006 min
Lab File: BF135677.D
Acq: 10 Oct 2023 10:46

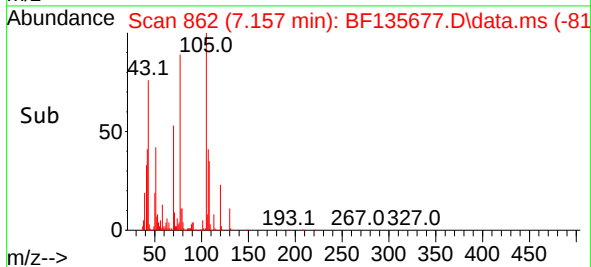
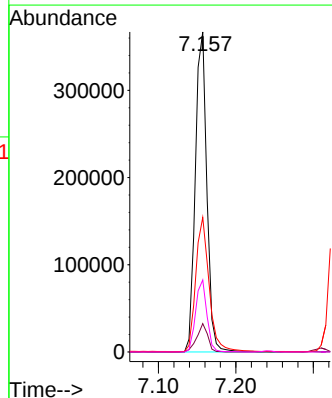
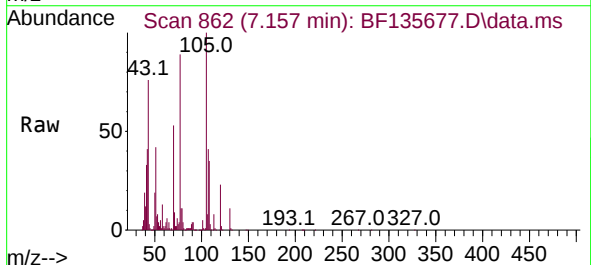
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 404597
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 9.7 7.7 11.5
68 5.8 4.6 6.8



#22
Acetophenone
Concen: 40.946 ng
RT: 7.157 min Scan# 862
Delta R.T. 0.006 min
Lab File: BF135677.D
Acq: 10 Oct 2023 10:46

Tgt Ion:105 Resp: 378752
Ion Ratio Lower Upper
105 100
71 8.9 5.8 8.6#
51 42.1 37.0 55.4
120 22.5 17.0 25.6





#23

Nitrobenzene-d5

Concen: 82.814 ng

RT: 7.310 min Scan# 891

Delta R.T. 0.000 min

Lab File: BF135677.D

Acq: 10 Oct 2023 10:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

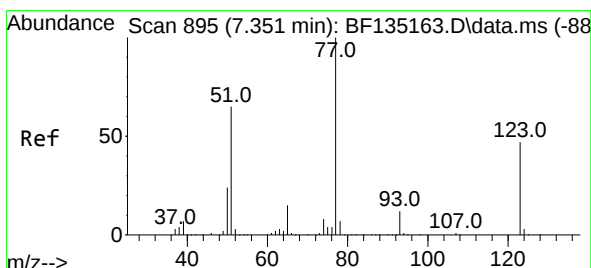
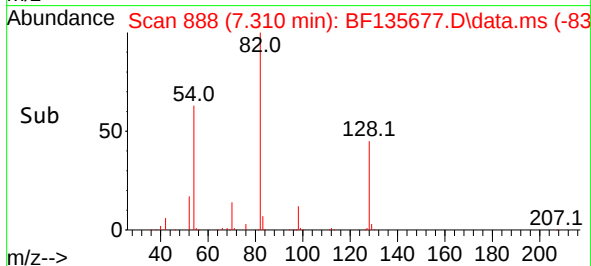
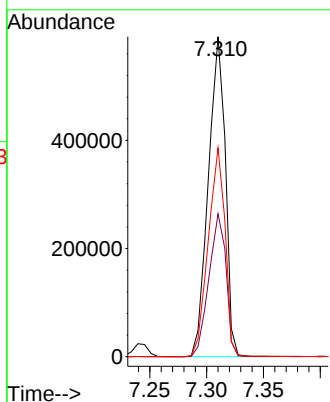
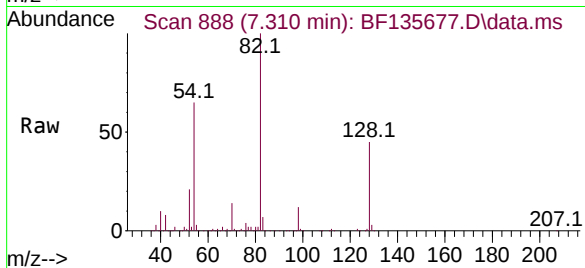
Tgt Ion: 82 Resp: 616728

Ion Ratio Lower Upper

82 100

128 44.7 35.8 53.6

54 65.2 50.6 76.0



#24

Nitrobenzene

Concen: 42.721 ng

RT: 7.328 min Scan# 891

Delta R.T. 0.000 min

Lab File: BF135677.D

Acq: 10 Oct 2023 10:46

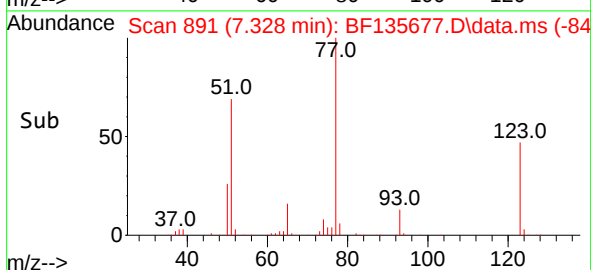
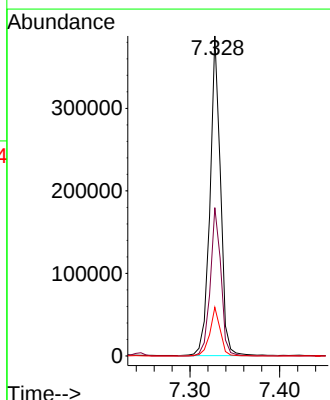
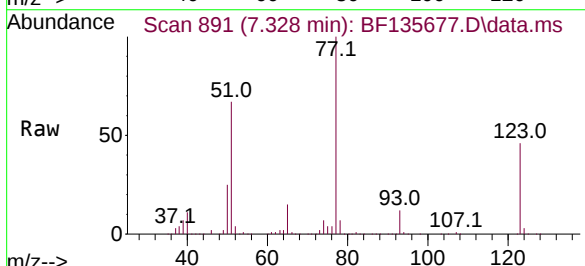
Tgt Ion: 77 Resp: 314459

Ion Ratio Lower Upper

77 100

123 46.3 37.6 56.4

65 15.2 12.2 18.4

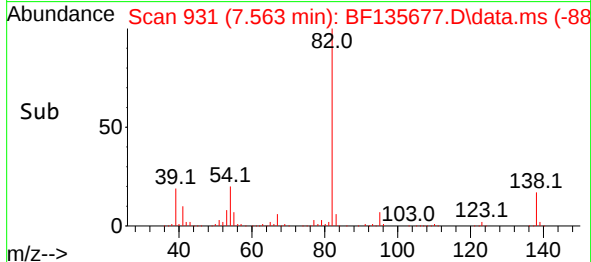
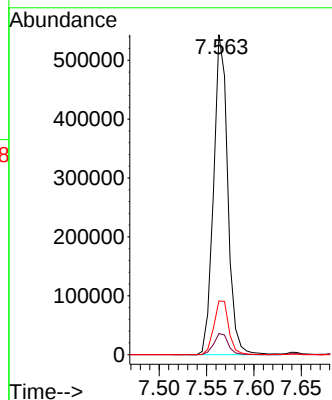
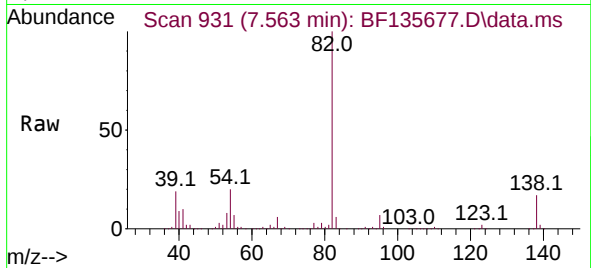




#25
Isophorone
Concen: 41.213 ng
RT: 7.563 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF135677.D
Acq: 10 Oct 2023 10:46

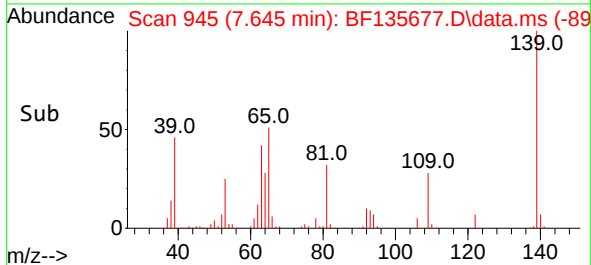
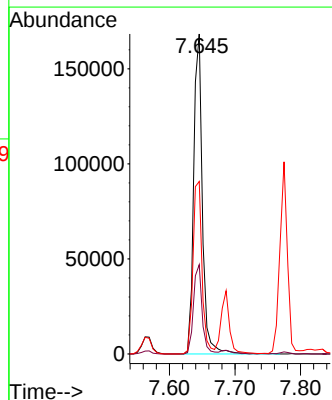
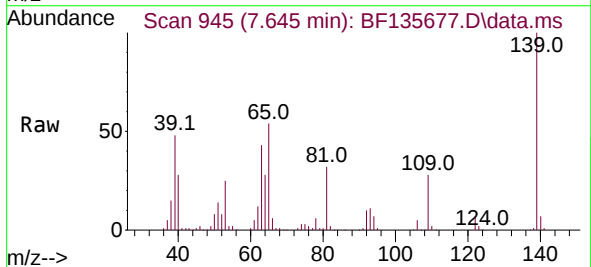
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 563586
Ion Ratio Lower Upper
82 100
95 6.6 6.0 9.0
138 16.8 14.5 21.7



#26
2-Nitrophenol
Concen: 43.982 ng
RT: 7.645 min Scan# 945
Delta R.T. 0.006 min
Lab File: BF135677.D
Acq: 10 Oct 2023 10:46

Tgt Ion: 139 Resp: 155378
Ion Ratio Lower Upper
139 100
109 27.9 22.6 33.8
65 53.9 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 42.765 ng

RT: 7.686 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF135677.D

Acq: 10 Oct 2023 10:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

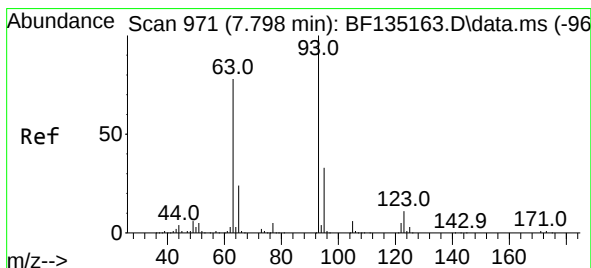
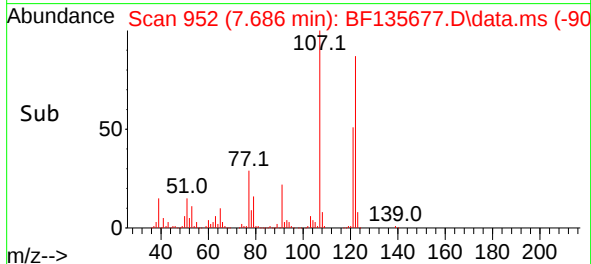
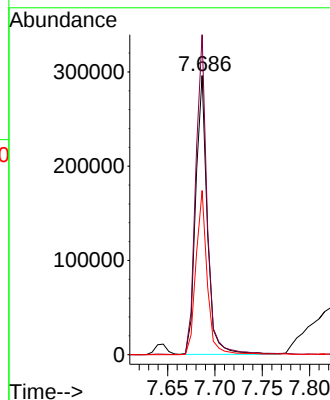
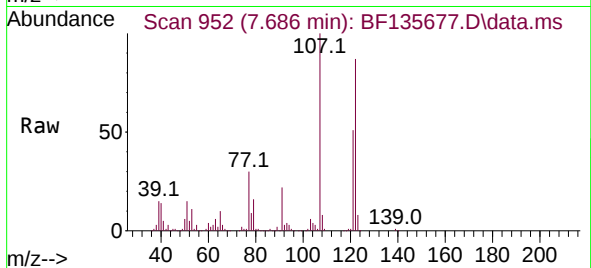
Tgt Ion:122 Resp: 253944

Ion Ratio Lower Upper

122 100

107 114.6 90.2 135.4

121 58.8 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 42.208 ng

RT: 7.775 min Scan# 967

Delta R.T. 0.000 min

Lab File: BF135677.D

Acq: 10 Oct 2023 10:46

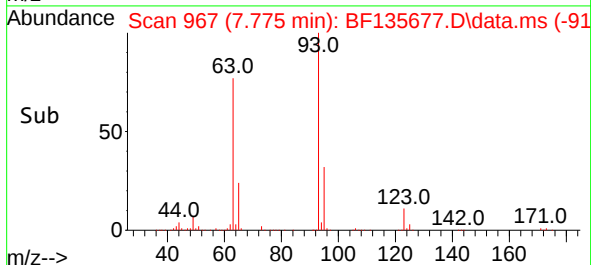
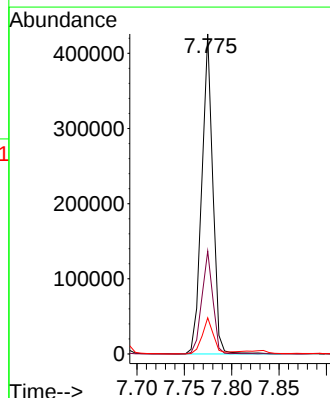
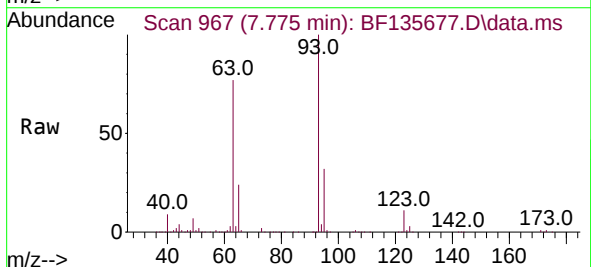
Tgt Ion: 93 Resp: 345464

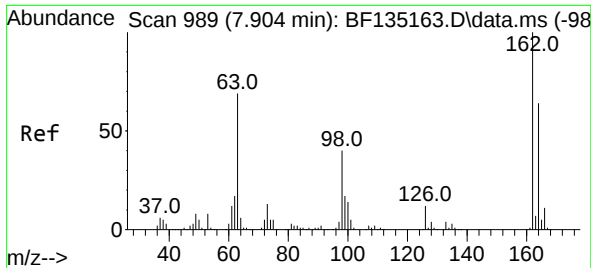
Ion Ratio Lower Upper

93 100

95 32.2 26.2 39.2

123 11.3 8.8 13.2

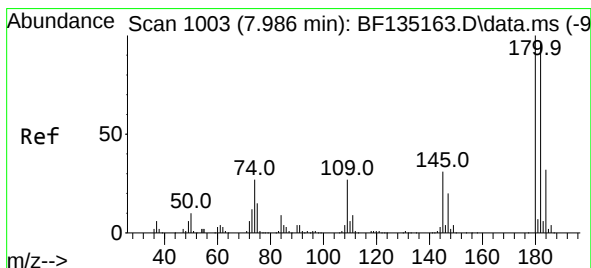
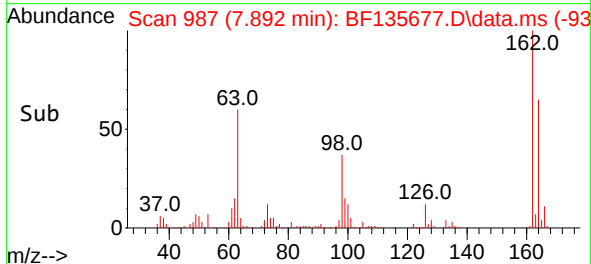
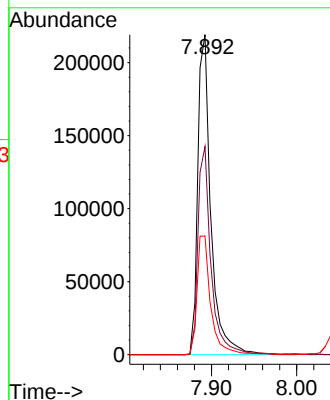
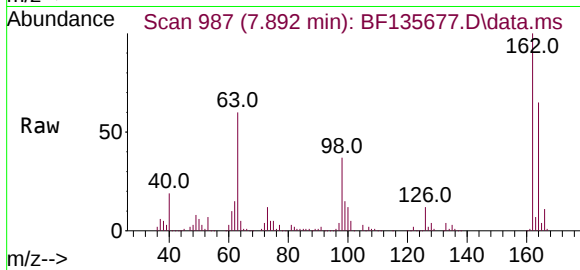




#29
2,4-Dichlorophenol
Concen: 42.505 ng
RT: 7.892 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF135677.D
Acq: 10 Oct 2023 10:46

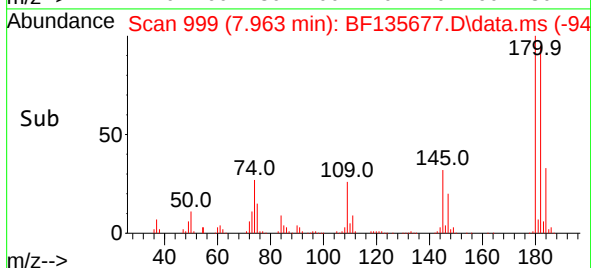
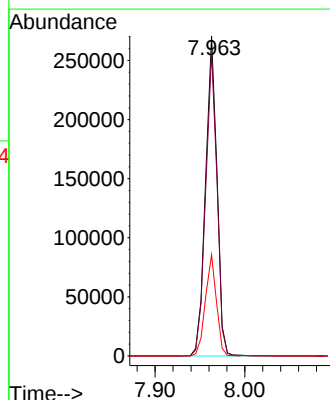
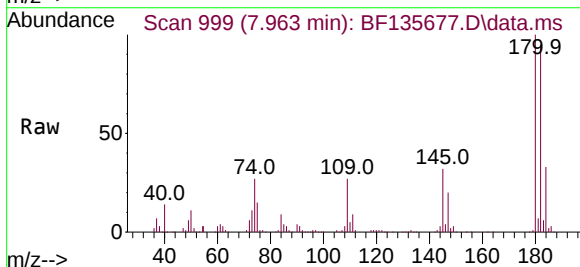
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

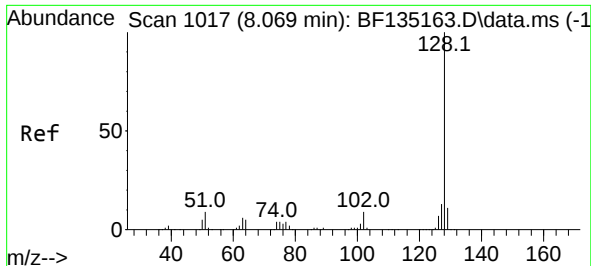
Tgt Ion:162 Resp: 233877
Ion Ratio Lower Upper
162 100
164 65.0 44.1 84.1
98 37.1 20.3 60.3



#30
1,2,4-Trichlorobenzene
Concen: 41.562 ng
RT: 7.963 min Scan# 999
Delta R.T. 0.000 min
Lab File: BF135677.D
Acq: 10 Oct 2023 10:46

Tgt Ion:180 Resp: 239029
Ion Ratio Lower Upper
180 100
182 94.7 76.9 115.3
145 31.6 24.5 36.7

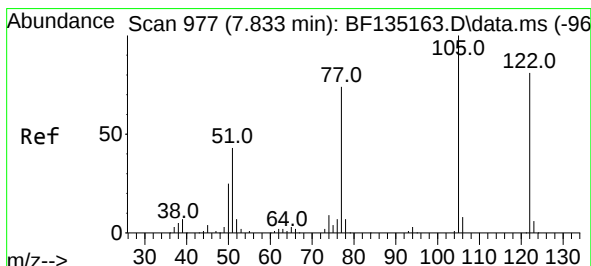
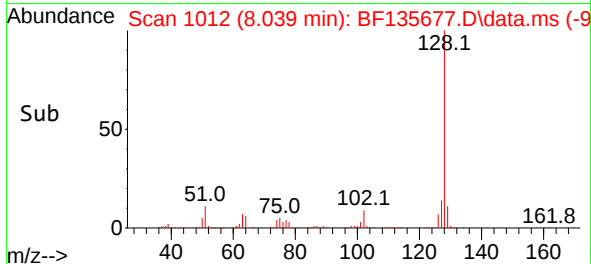
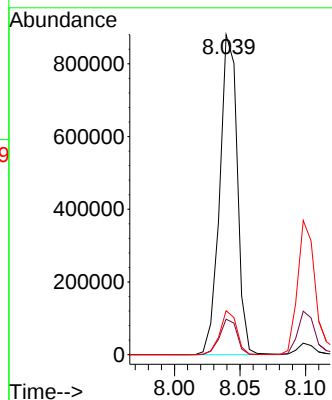
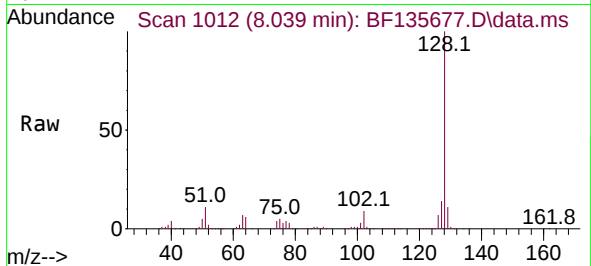




#31
Naphthalene
Concen: 41.741 ng
RT: 8.039 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF135677.D
Acq: 10 Oct 2023 10:46

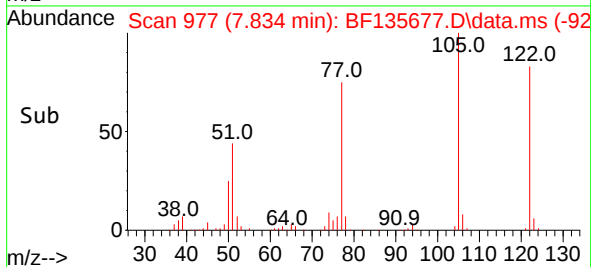
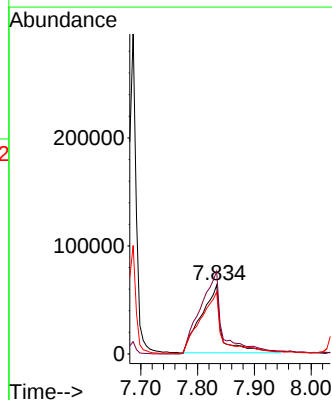
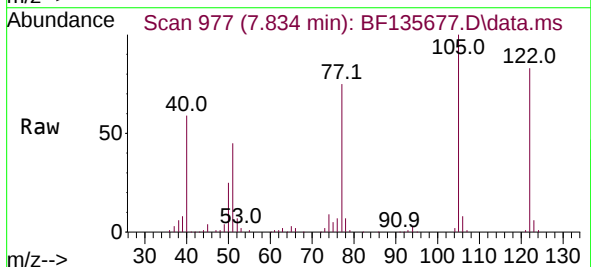
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

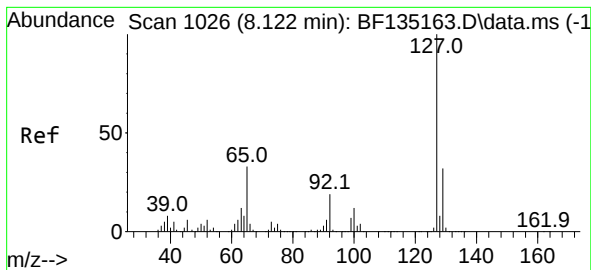
Tgt Ion:128 Resp: 820545
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.7 10.7 16.1



#32
Benzoic acid
Concen: 36.375 ng
RT: 7.834 min Scan# 977
Delta R.T. 0.012 min
Lab File: BF135677.D
Acq: 10 Oct 2023 10:46

Tgt Ion:122 Resp: 162650
Ion Ratio Lower Upper
122 100
105 120.3 99.9 139.9
77 90.3 70.0 110.0





#33

4-Chloroaniline

Concen: 42.247 ng

RT: 8.098 min Scan# 1022

Delta R.T. 0.000 min

Lab File: BF135677.D

Acq: 10 Oct 2023 10:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 364378

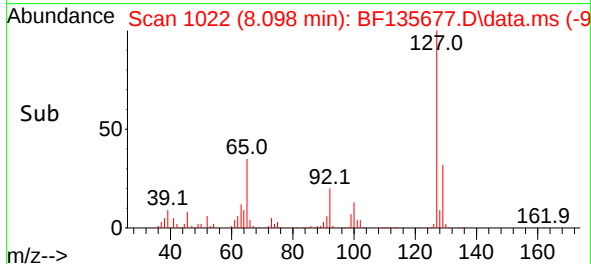
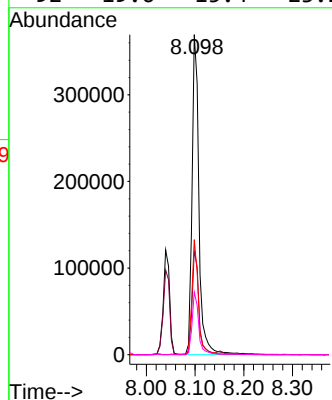
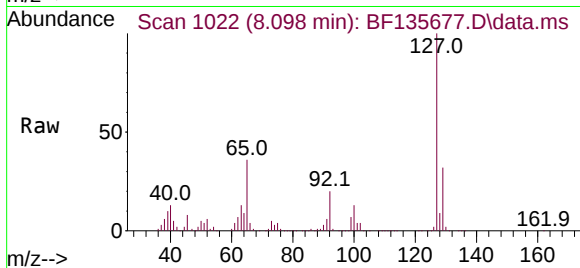
Ion Ratio Lower Upper

127 100

129 32.4 25.8 38.8

65 35.9 26.6 39.8

92 19.6 15.4 23.2



#34

Hexachlorobutadiene

Concen: 42.000 ng

RT: 8.151 min Scan# 1031

Delta R.T. 0.000 min

Lab File: BF135677.D

Acq: 10 Oct 2023 10:46

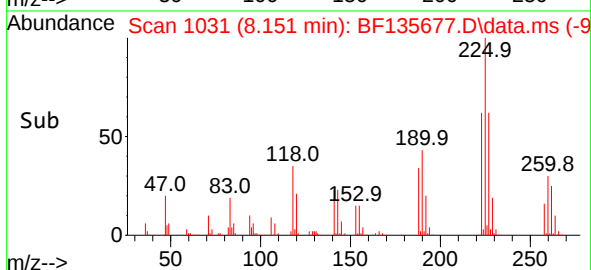
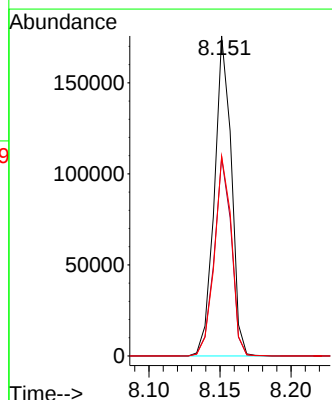
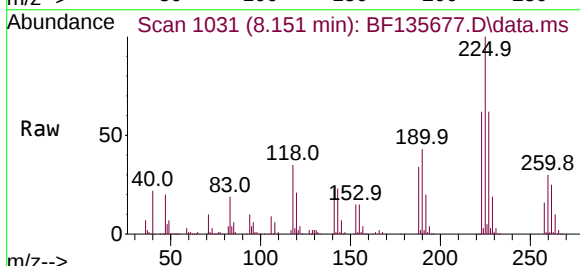
Tgt Ion:225 Resp: 145650

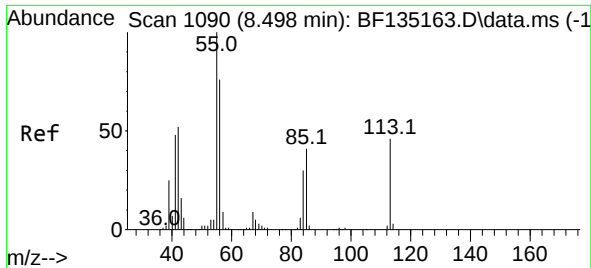
Ion Ratio Lower Upper

225 100

223 62.0 50.6 75.8

227 62.4 50.8 76.2

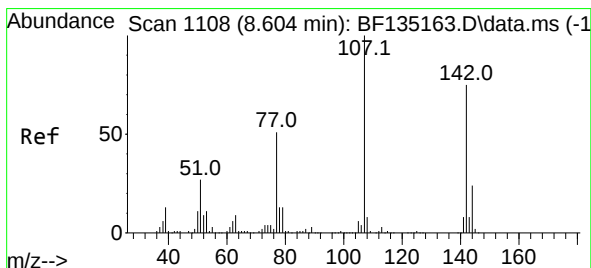
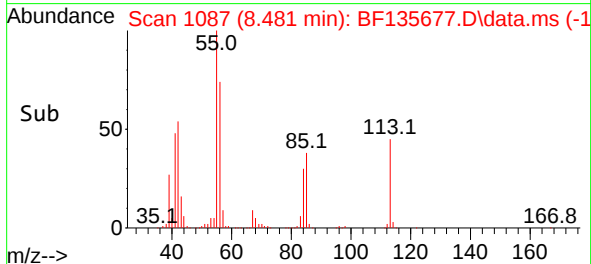
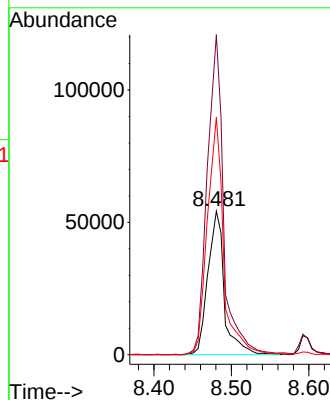
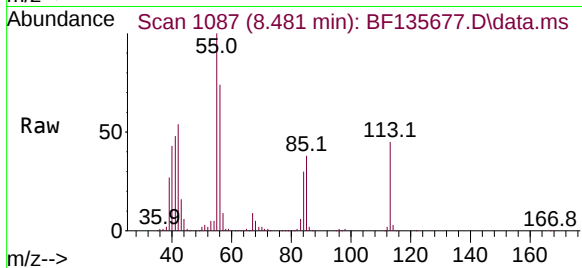




#35
Caprolactam
Concen: 43.105 ng
RT: 8.481 min Scan# 1106
Delta R.T. 0.012 min
Lab File: BF135677.D
Acq: 10 Oct 2023 10:46

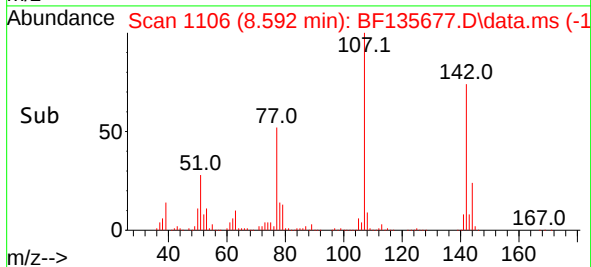
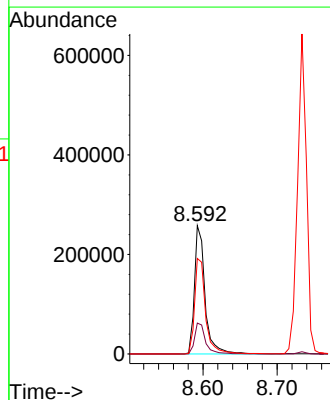
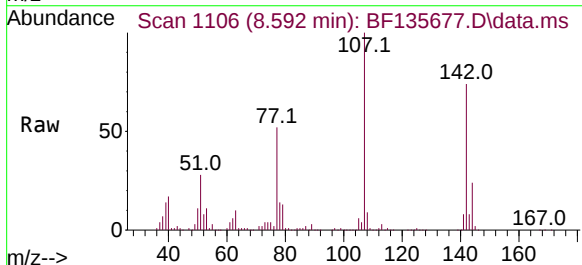
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

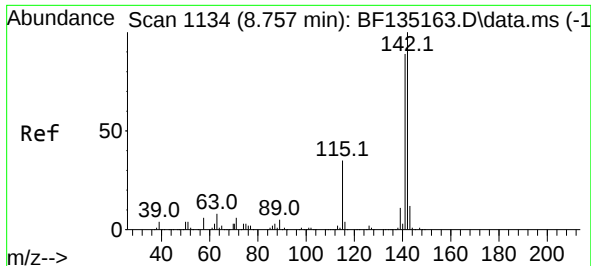
Tgt Ion:113 Resp: 79601
Ion Ratio Lower Upper
113 100
55 223.0 199.3 239.3
56 165.5 146.3 186.3



#36
4-Chloro-3-methylphenol
Concen: 41.999 ng
RT: 8.592 min Scan# 1106
Delta R.T. 0.006 min
Lab File: BF135677.D
Acq: 10 Oct 2023 10:46

Tgt Ion:107 Resp: 256840
Ion Ratio Lower Upper
107 100
144 24.1 19.0 28.4
142 74.4 60.2 90.2





#37

2-Methylnaphthalene

Concen: 40.990 ng

RT: 8.733 min Scan# 1134

Delta R.T. 0.000 min

Lab File: BF135677.D

Acq: 10 Oct 2023 10:46

Instrument :

BNA_F

ClientSampleId :

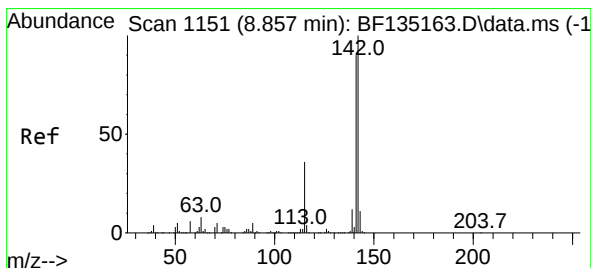
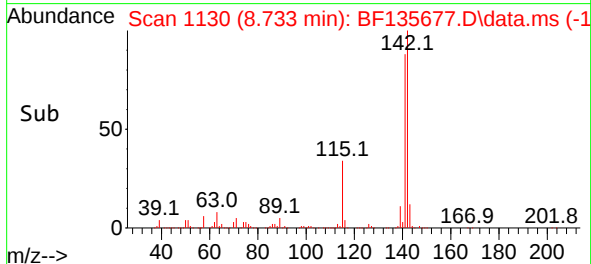
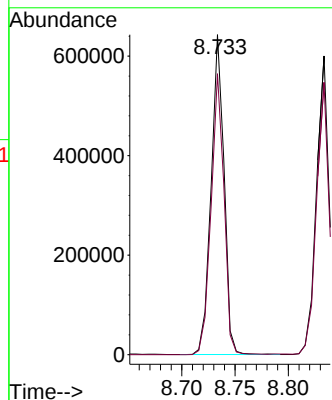
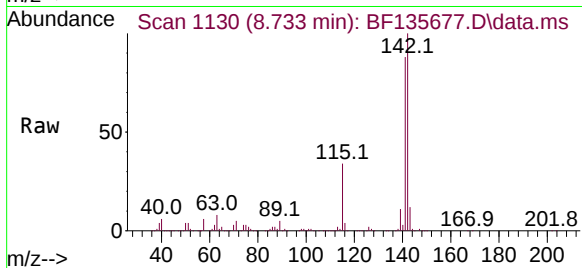
SSTDCCC040

Tgt Ion:142 Resp: 541644

Ion Ratio Lower Upper

142 100

141 87.8 71.0 106.6



#38

1-Methylnaphthalene

Concen: 40.168 ng

RT: 8.833 min Scan# 1147

Delta R.T. 0.006 min

Lab File: BF135677.D

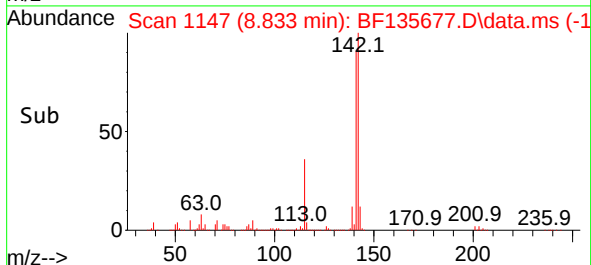
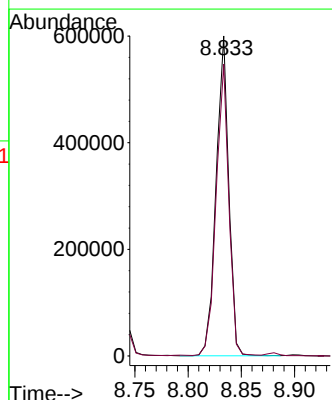
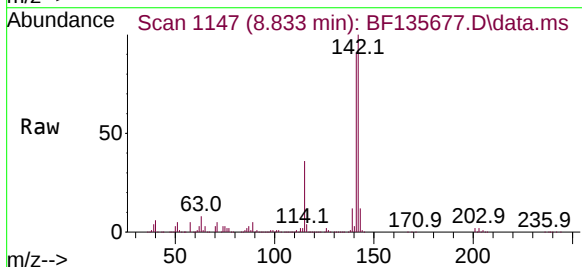
Acq: 10 Oct 2023 10:46

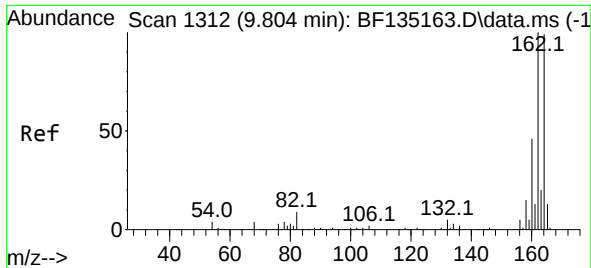
Tgt Ion:142 Resp: 496936

Ion Ratio Lower Upper

142 100

141 91.2 72.4 108.6

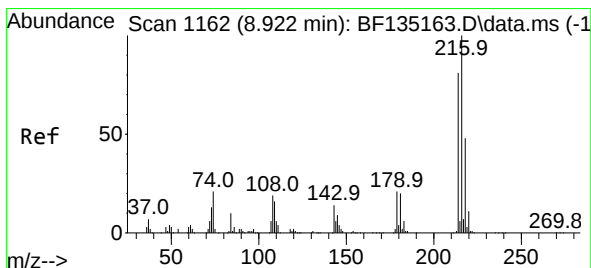
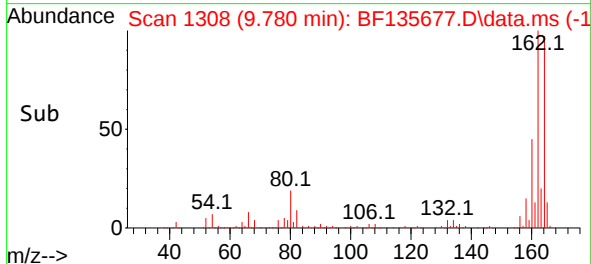
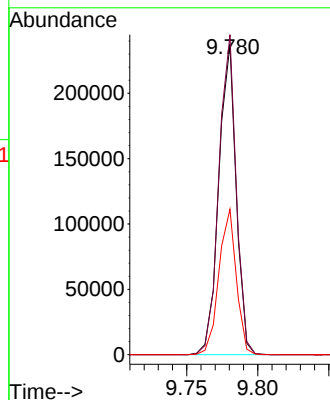
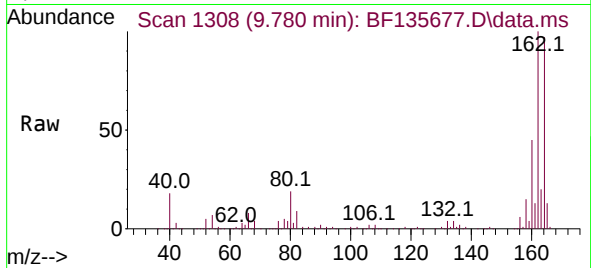




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.780 min Scan# 1159
Delta R.T. 0.006 min
Lab File: BF135677.D
Acq: 10 Oct 2023 10:46

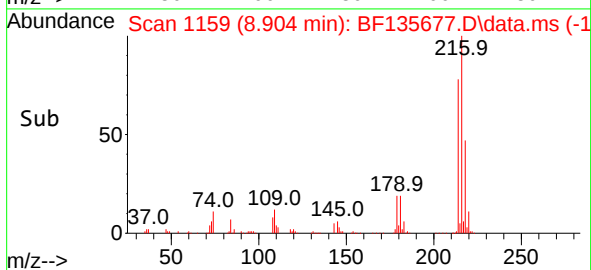
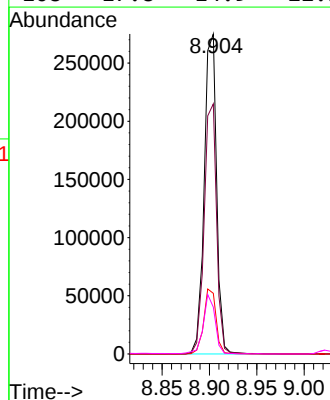
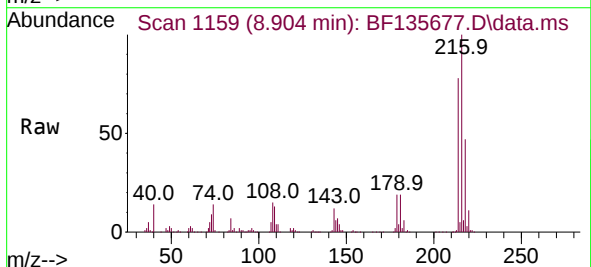
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 201473
Ion Ratio Lower Upper
164 100
162 103.1 81.0 121.4
160 46.8 37.0 55.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.889 ng
RT: 8.904 min Scan# 1159
Delta R.T. 0.006 min
Lab File: BF135677.D
Acq: 10 Oct 2023 10:46

Tgt Ion:216 Resp: 250334
Ion Ratio Lower Upper
216 100
214 78.6 63.7 95.5
179 20.2 16.7 25.1
108 17.8 14.9 22.3

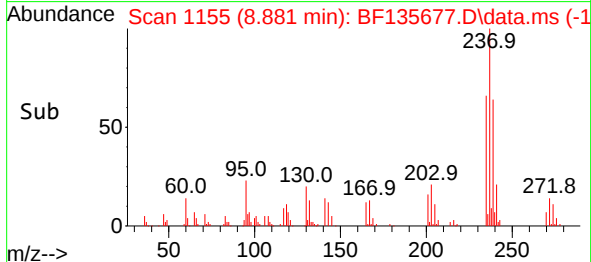
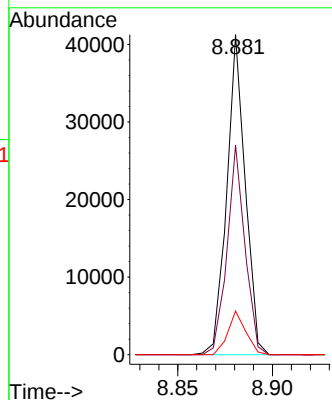
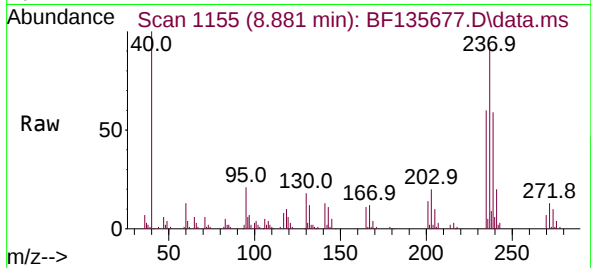




#41
Hexachlorocyclopentadiene
Concen: 17.270 ng
RT: 8.881 min Scan# 1160
Delta R.T. 0.000 min
Lab File: BF135677.D
Acq: 10 Oct 2023 10:46

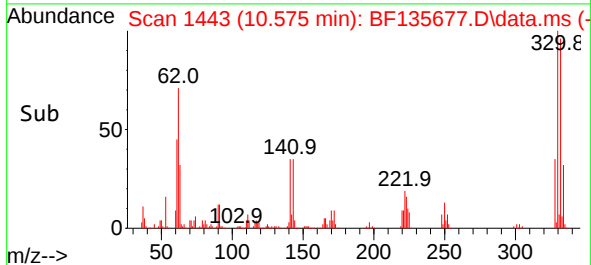
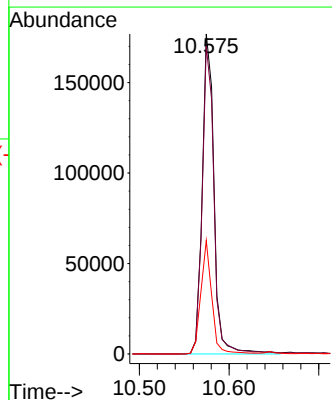
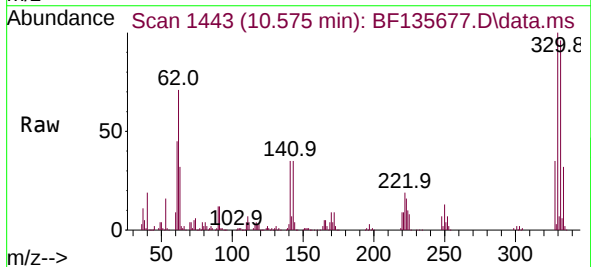
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

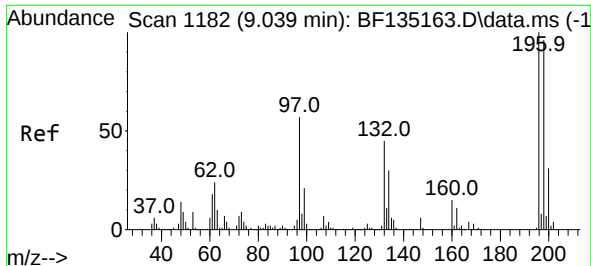
Tgt Ion:237	Resp:	28011
Ion Ratio	Lower	Upper
237	100	
235	65.5	41.8 81.8
272	13.7	0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 80.753 ng
RT: 10.575 min Scan# 1443
Delta R.T. 0.006 min
Lab File: BF135677.D
Acq: 10 Oct 2023 10:46

Tgt Ion:330	Resp:	161680
Ion Ratio	Lower	Upper
330	100	
332	96.1	77.3 115.9
141	33.0	25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 41.072 ng

RT: 9.022 min Scan# 1182

Delta R.T. 0.006 min

Lab File: BF135677.D

Acq: 10 Oct 2023 10:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

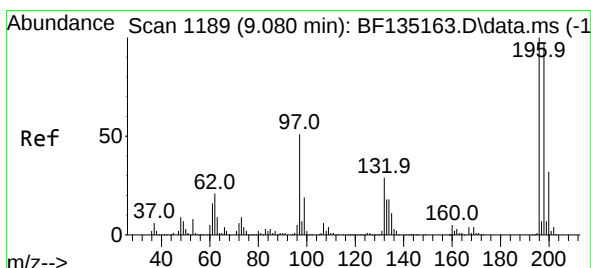
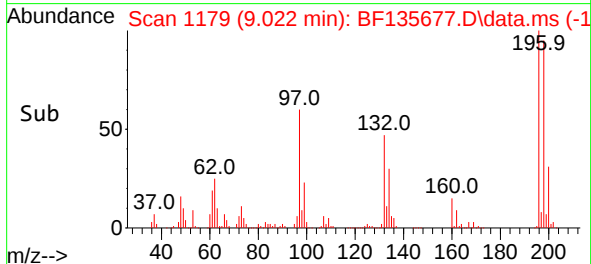
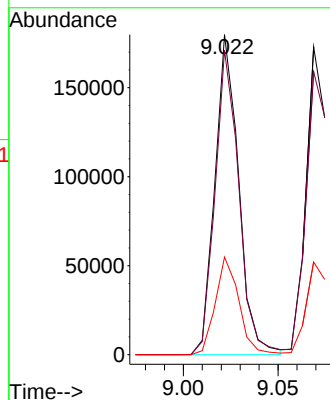
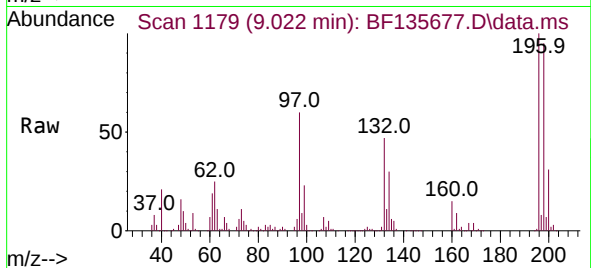
Tgt Ion:196 Resp: 156962

Ion Ratio Lower Upper

196 100

198 95.2 77.0 115.6

200 30.5 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 40.992 ng

RT: 9.069 min Scan# 1187

Delta R.T. 0.006 min

Lab File: BF135677.D

Acq: 10 Oct 2023 10:46

Tgt Ion:196 Resp: 180407

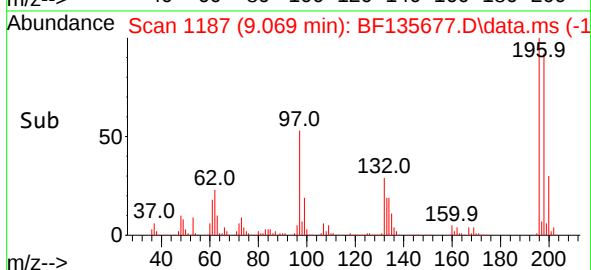
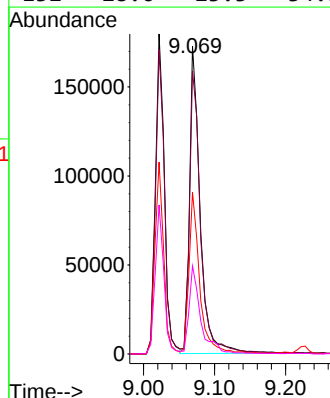
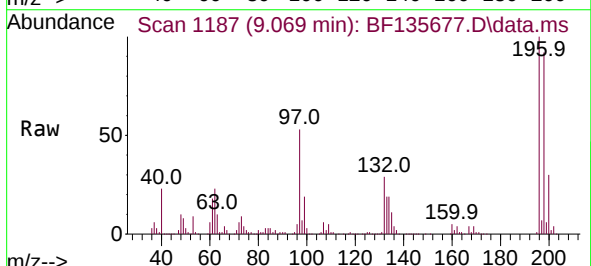
Ion Ratio Lower Upper

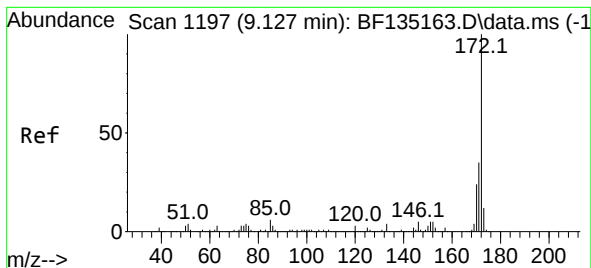
196 100

198 91.9 77.5 116.3

97 52.5 40.5 60.7

132 28.6 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 81.253 ng

RT: 9.098 min Scan# 1197

Delta R.T. 0.000 min

Lab File: BF135677.D

Acq: 10 Oct 2023 10:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

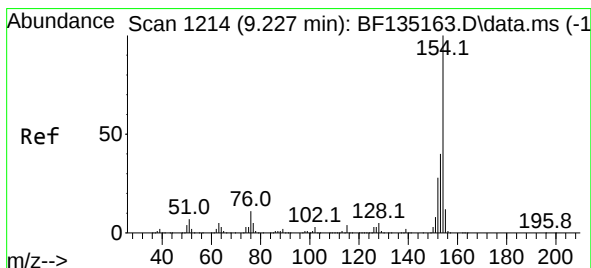
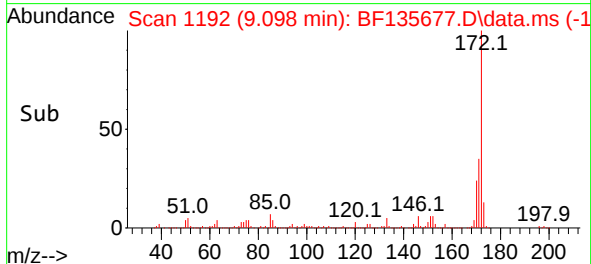
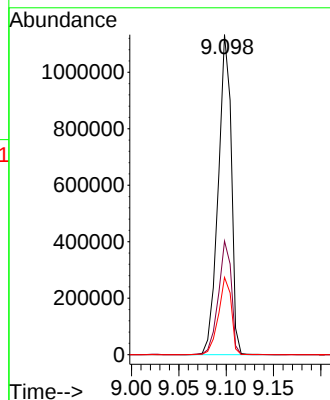
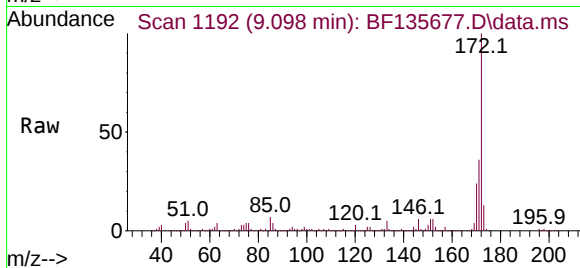
Tgt Ion:172 Resp: 1085049

Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 24.2 19.0 28.4



#46

1,1'-Biphenyl

Concen: 42.058 ng

RT: 9.198 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BF135677.D

Acq: 10 Oct 2023 10:46

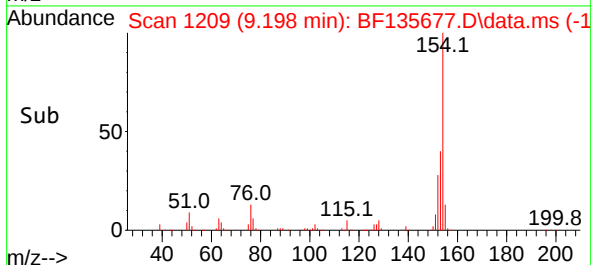
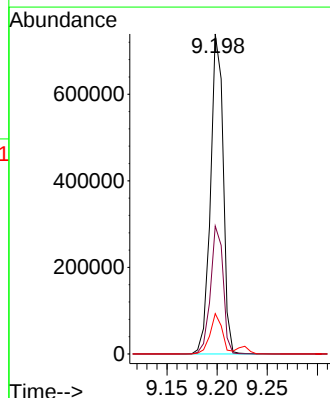
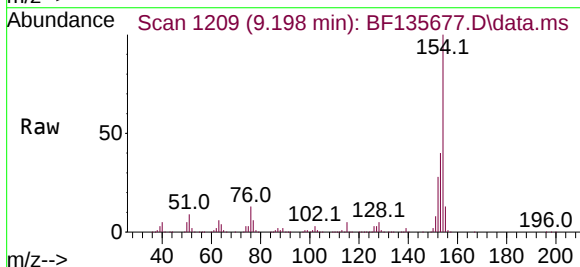
Tgt Ion:154 Resp: 651182

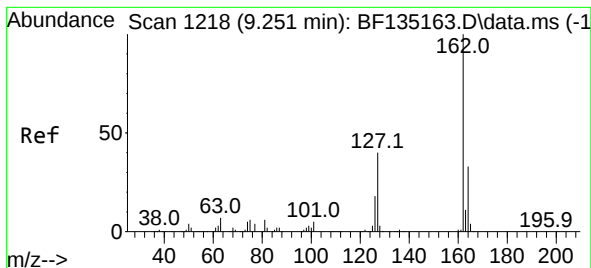
Ion Ratio Lower Upper

154 100

153 40.0 19.6 59.6

76 12.6 0.0 31.0





#47

2-Chloronaphthalene

Concen: 42.098 ng

RT: 9.228 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF135677.D

Acq: 10 Oct 2023 10:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

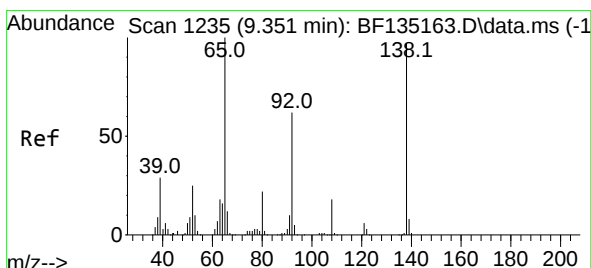
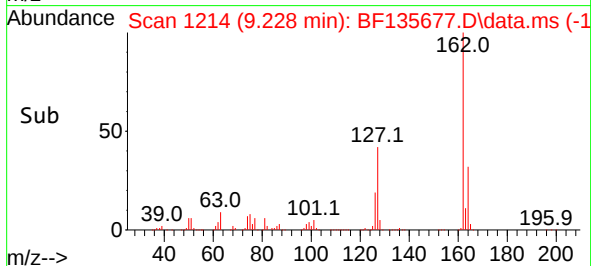
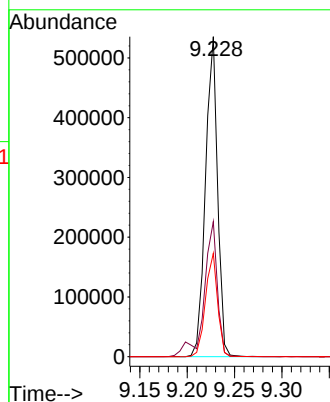
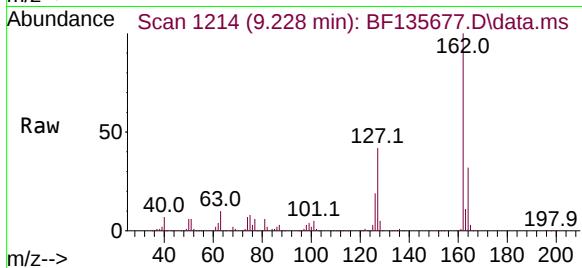
Tgt Ion:162 Resp: 472921

Ion Ratio Lower Upper

162 100

127 42.2 32.6 48.8

164 32.3 26.2 39.2



#48

2-Nitroaniline

Concen: 43.565 ng

RT: 9.333 min Scan# 1232

Delta R.T. 0.006 min

Lab File: BF135677.D

Acq: 10 Oct 2023 10:46

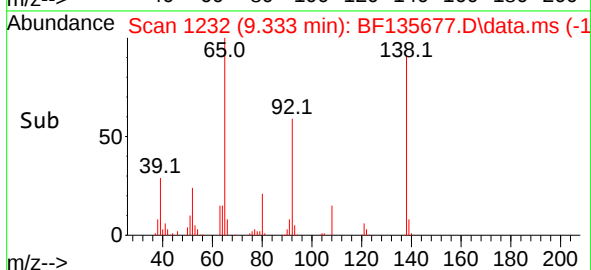
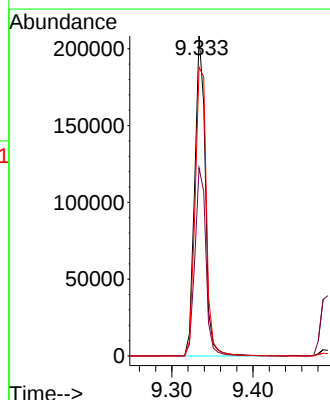
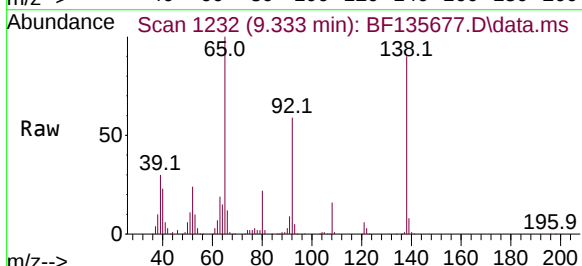
Tgt Ion: 65 Resp: 190128

Ion Ratio Lower Upper

65 100

92 58.8 49.4 74.0

138 90.3 77.4 116.0

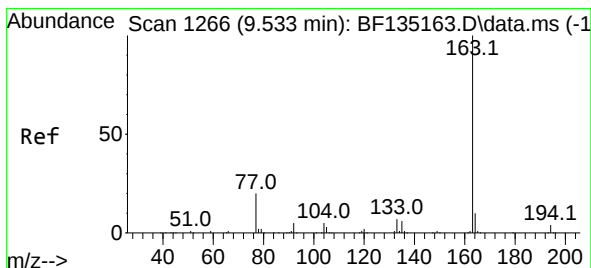
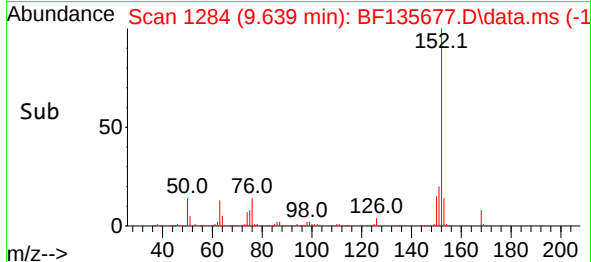
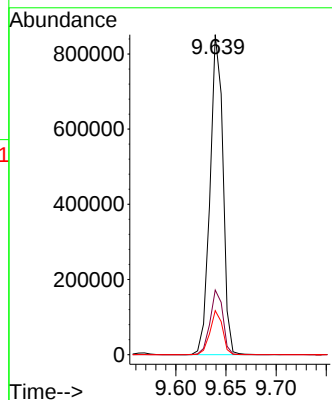
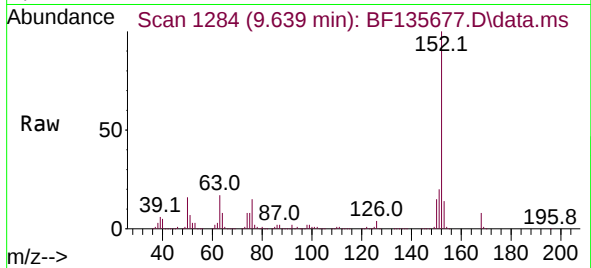




#49
Acenaphthylene
Concen: 40.932 ng
RT: 9.639 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135677.D
Acq: 10 Oct 2023 10:46

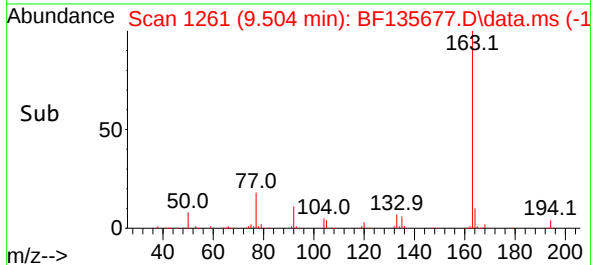
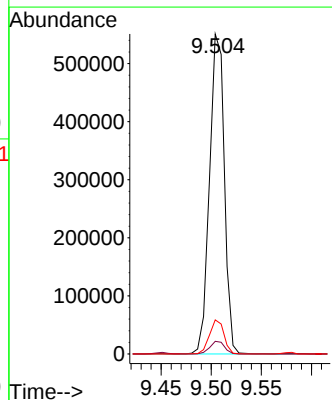
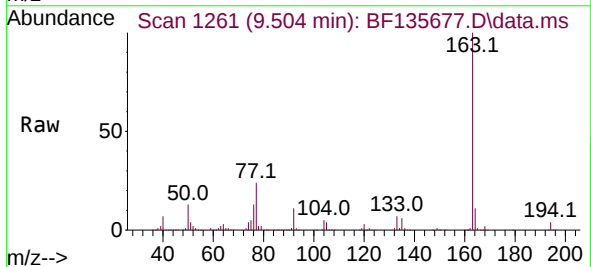
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

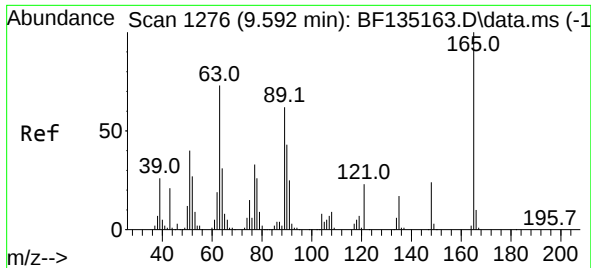
Tgt Ion:152 Resp: 764183
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6
153 13.7 10.4 15.6



#50
Dimethylphthalate
Concen: 41.786 ng
RT: 9.504 min Scan# 1261
Delta R.T. 0.000 min
Lab File: BF135677.D
Acq: 10 Oct 2023 10:46

Tgt Ion:163 Resp: 569199
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.6 8.1 12.1

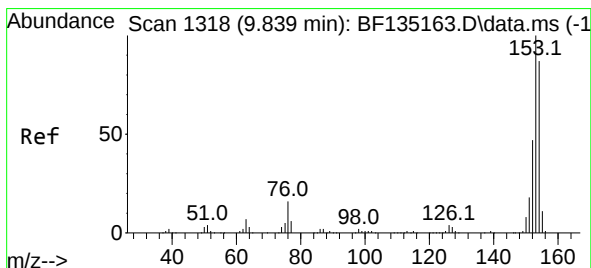
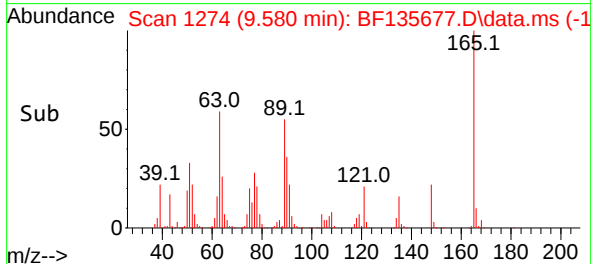
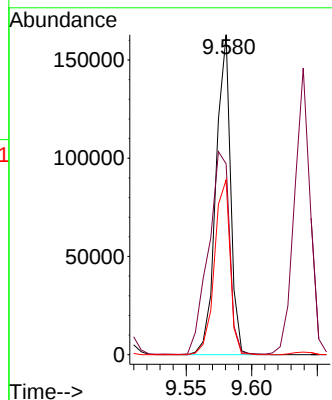
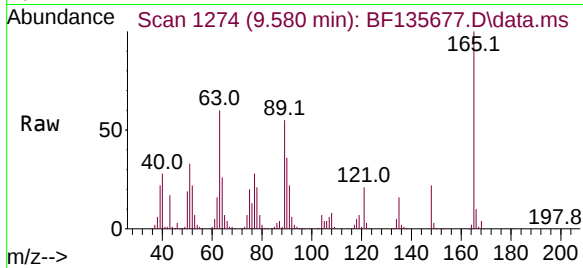




#51
2,6-Dinitrotoluene
Concen: 42.205 ng
RT: 9.580 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135677.D
Acq: 10 Oct 2023 10:46

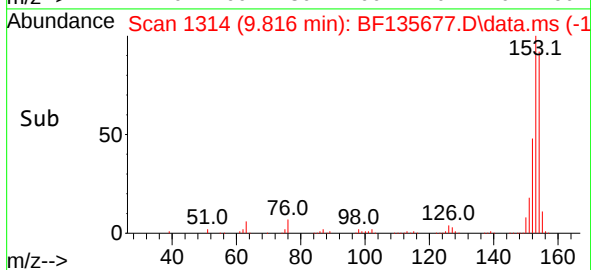
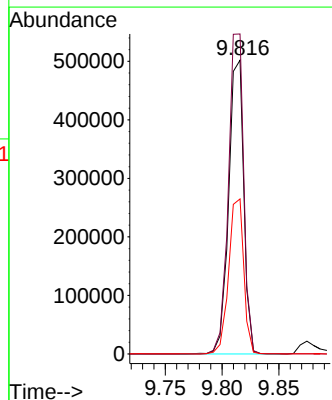
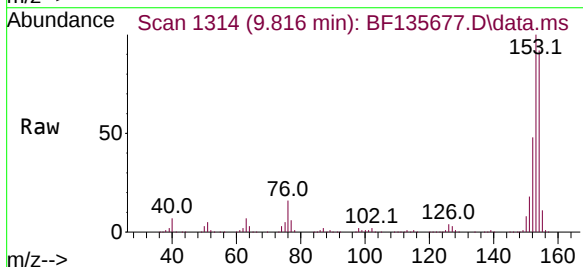
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

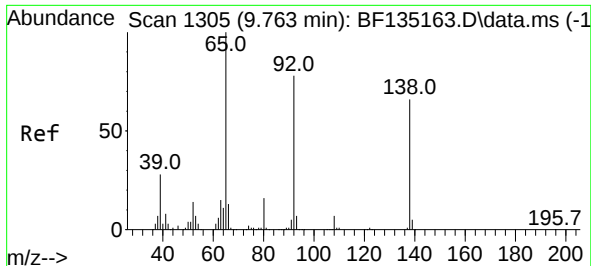
Tgt Ion:165 Resp: 125941
Ion Ratio Lower Upper
165 100
63 59.6 59.4 89.2
89 54.6 49.8 74.8



#52
Acenaphthene
Concen: 42.205 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.006 min
Lab File: BF135677.D
Acq: 10 Oct 2023 10:46

Tgt Ion:154 Resp: 465476
Ion Ratio Lower Upper
154 100
153 108.9 92.1 138.1
152 52.8 43.1 64.7

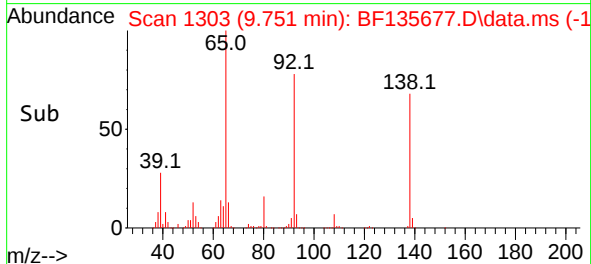
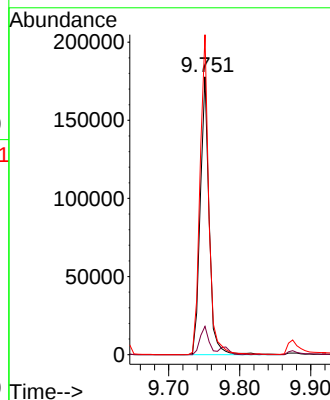
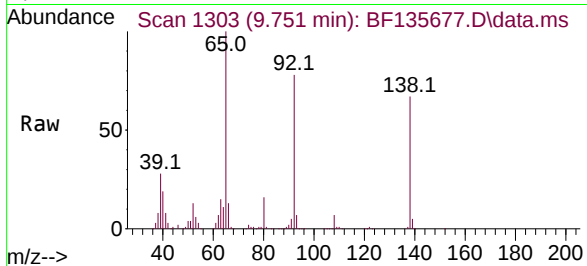




#53
3-Nitroaniline
Concen: 44.287 ng
RT: 9.751 min Scan# 1303
Delta R.T. 0.006 min
Lab File: BF135677.D
Acq: 10 Oct 2023 10:46

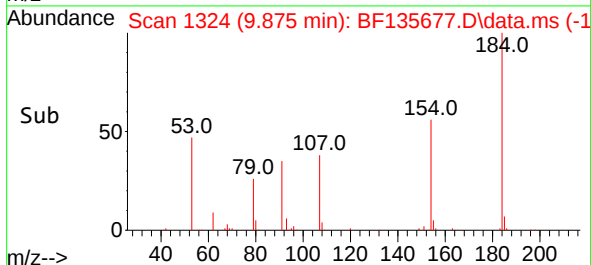
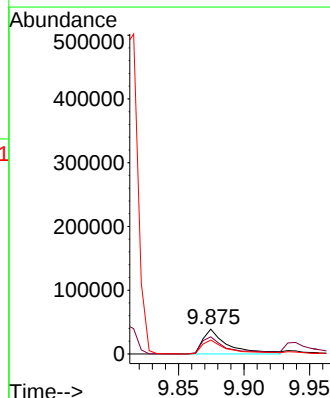
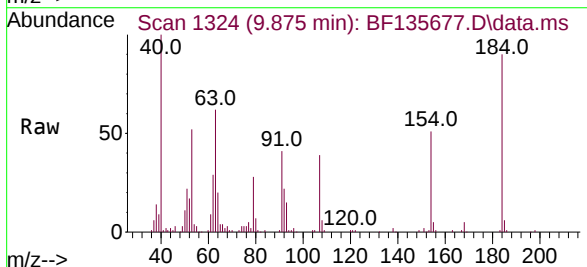
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

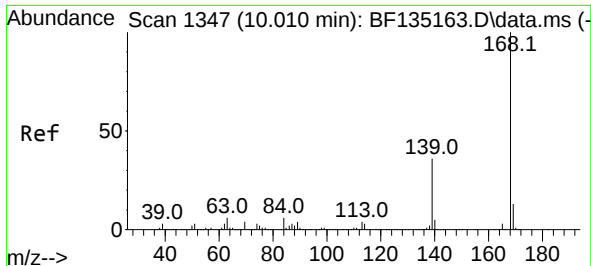
Tgt Ion:138 Resp: 155126
Ion Ratio Lower Upper
138 100
108 10.2 8.5 12.7
92 115.1 95.4 143.0



#54
2,4-Dinitrophenol
Concen: 33.781 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.012 min
Lab File: BF135677.D
Acq: 10 Oct 2023 10:46

Tgt Ion:184 Resp: 50594
Ion Ratio Lower Upper
184 100
63 68.9 55.1 82.7
154 56.3 48.4 72.6

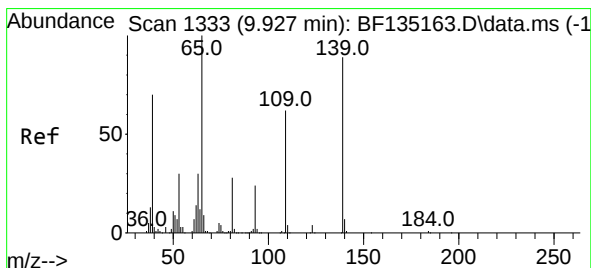
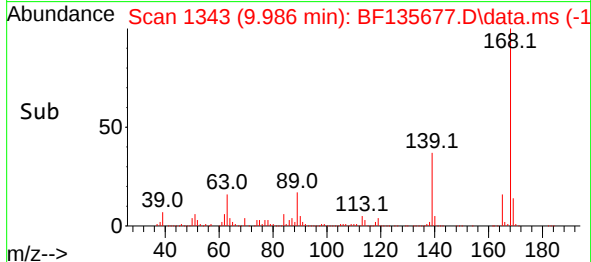
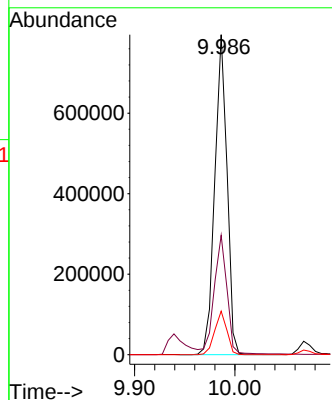
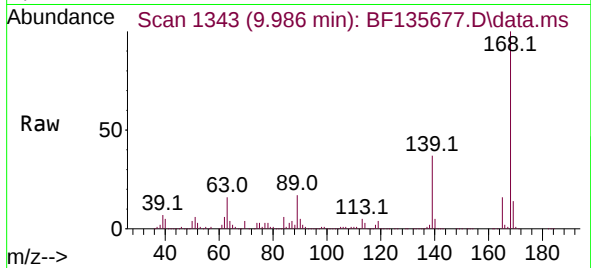




#55
Dibenzenofuran
Concen: 40.085 ng
RT: 9.986 min Scan# 1347
Delta R.T. 0.006 min
Lab File: BF135677.D
Acq: 10 Oct 2023 10:46

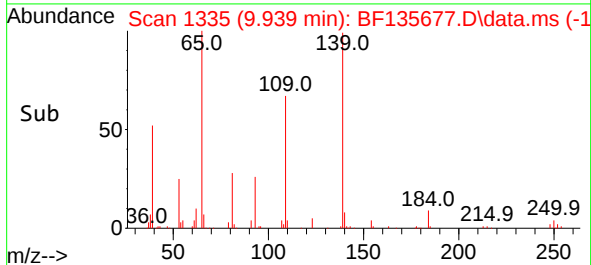
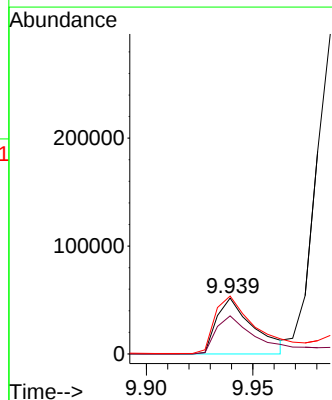
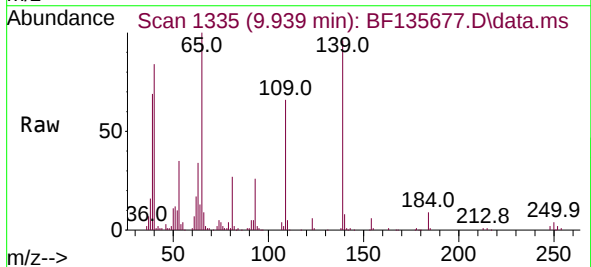
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

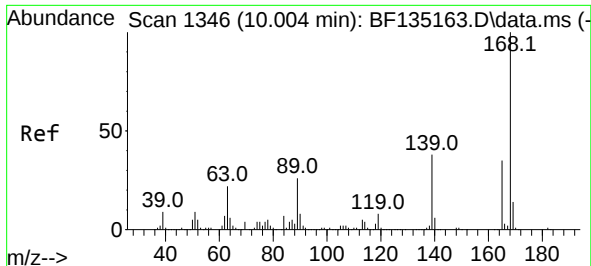
Tgt Ion:168 Resp: 674630
Ion Ratio Lower Upper
168 100
139 37.3 29.0 43.6
169 13.6 10.4 15.6



#56
4-Nitrophenol
Concen: 27.910 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.012 min
Lab File: BF135677.D
Acq: 10 Oct 2023 10:46

Tgt Ion:139 Resp: 62133
Ion Ratio Lower Upper
139 100
109 68.2 49.8 89.8
65 103.9 92.7 132.7

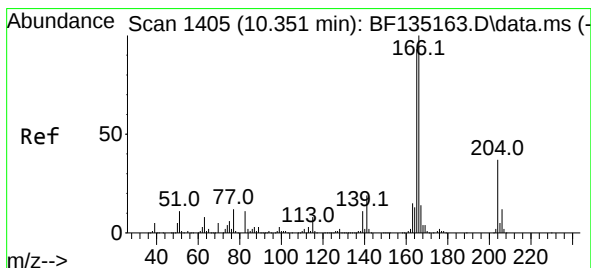
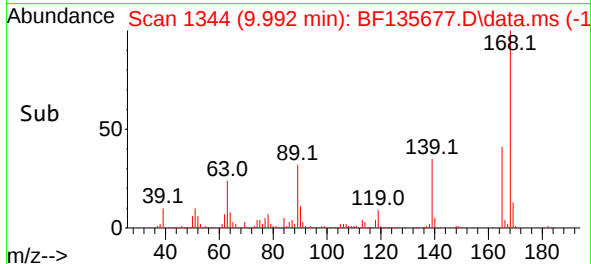
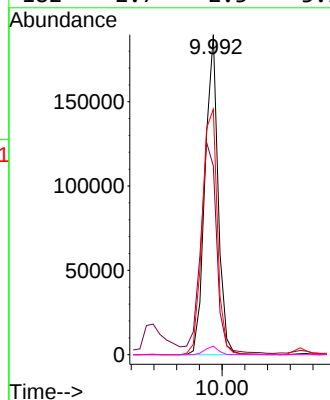
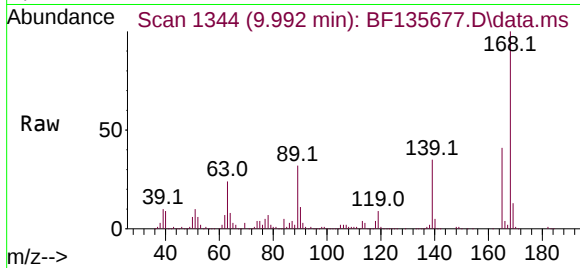




#57
2,4-Dinitrotoluene
Concen: 40.335 ng
RT: 9.992 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135677.D
Acq: 10 Oct 2023 10:46

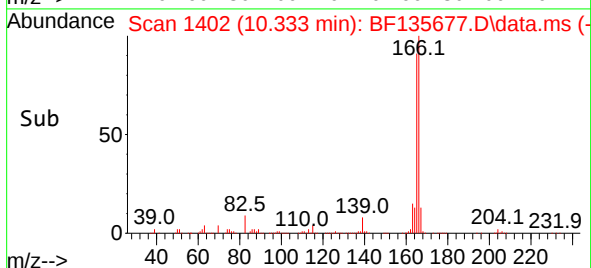
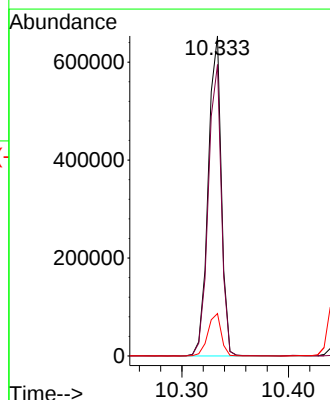
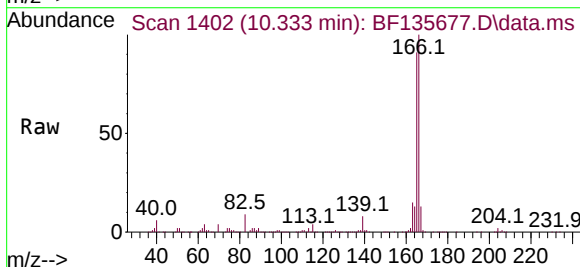
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 150681
Ion Ratio Lower Upper
165 100
63 59.0 50.1 75.1
89 76.7 59.3 88.9
182 2.7 2.3 3.5



#58
Fluorene
Concen: 43.384 ng
RT: 10.333 min Scan# 1402
Delta R.T. 0.006 min
Lab File: BF135677.D
Acq: 10 Oct 2023 10:46

Tgt Ion:166 Resp: 561320
Ion Ratio Lower Upper
166 100
165 91.0 74.3 111.5
167 13.3 10.9 16.3

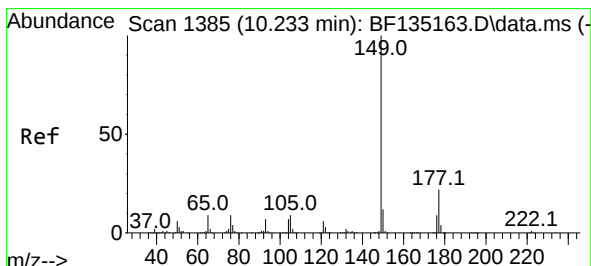
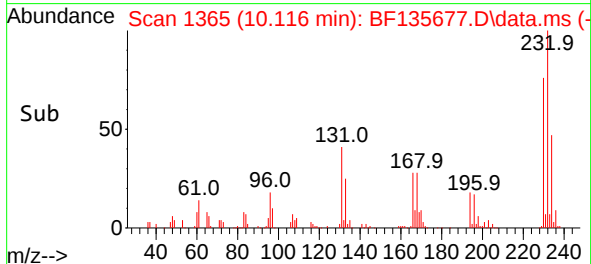
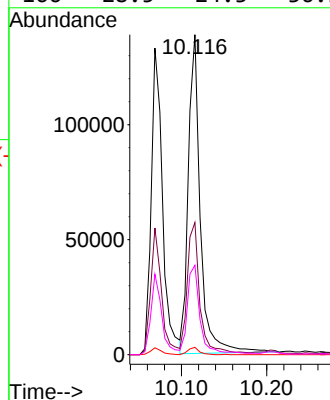
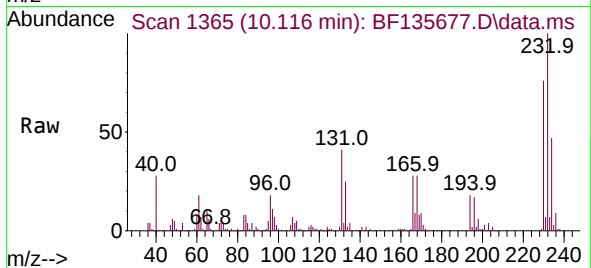




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.109 ng
RT: 10.116 min Scan# 1365
Delta R.T. 0.006 min
Lab File: BF135677.D
Acq: 10 Oct 2023 10:46

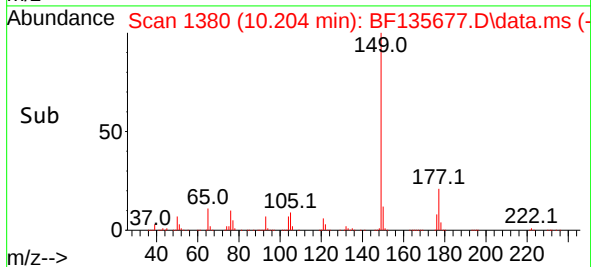
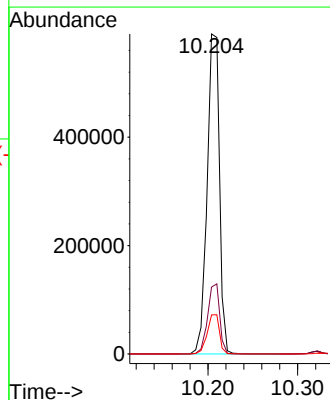
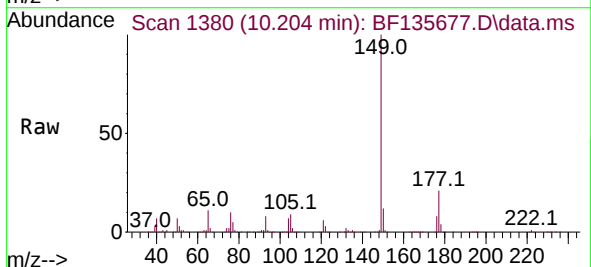
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

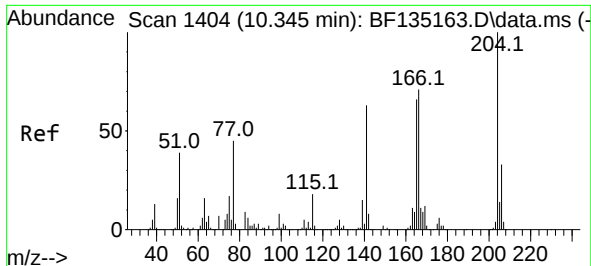
Tgt Ion:232 Resp: 135787
Ion Ratio Lower Upper
232 100
131 43.3 35.4 53.2
130 2.2 1.8 2.8
166 28.5 24.3 36.5



#60
Diethylphthalate
Concen: 41.280 ng
RT: 10.204 min Scan# 1380
Delta R.T. 0.000 min
Lab File: BF135677.D
Acq: 10 Oct 2023 10:46

Tgt Ion:149 Resp: 564314
Ion Ratio Lower Upper
149 100
177 20.9 17.8 26.6
150 12.2 10.0 15.0

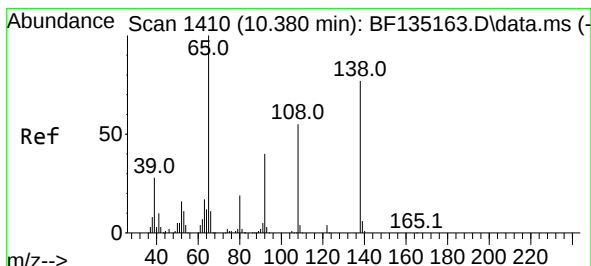
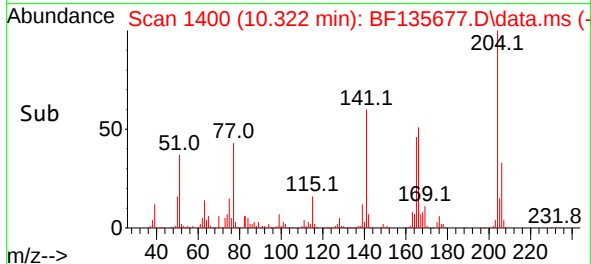
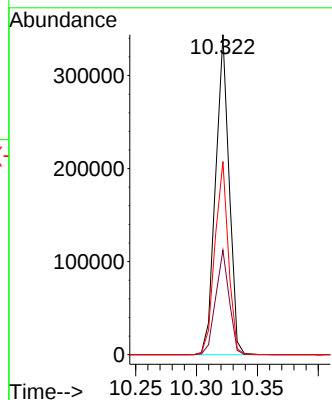
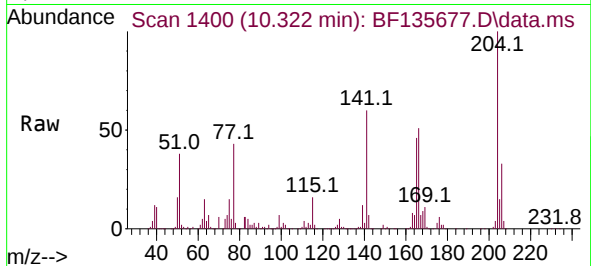




#61
4-Chlorophenyl-phenylether
Concen: 42.797 ng
RT: 10.322 min Scan# 1400
Delta R.T. 0.006 min
Lab File: BF135677.D
Acq: 10 Oct 2023 10:46

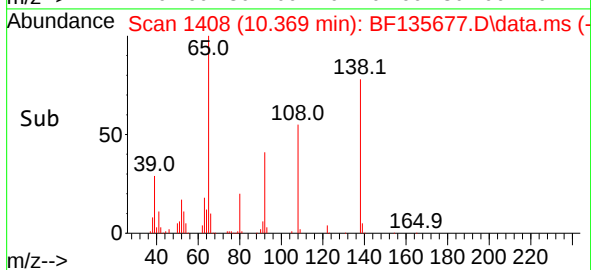
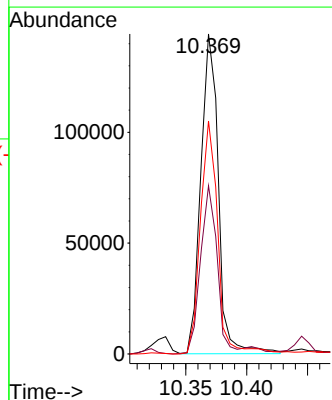
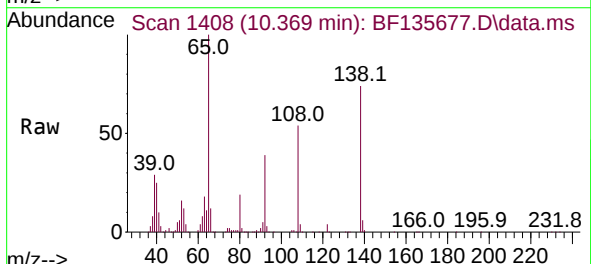
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

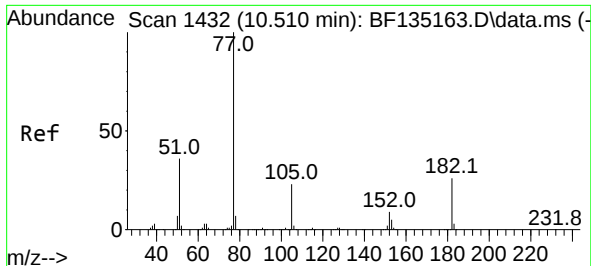
Tgt Ion:204 Resp: 265989
Ion Ratio Lower Upper
204 100
206 32.7 26.7 40.1
141 60.3 50.6 75.8



#62
4-Nitroaniline
Concen: 43.062 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.006 min
Lab File: BF135677.D
Acq: 10 Oct 2023 10:46

Tgt Ion:138 Resp: 144991
Ion Ratio Lower Upper
138 100
92 52.5 31.8 71.8
108 72.8 52.0 92.0

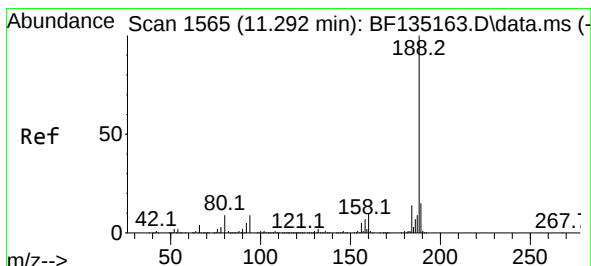
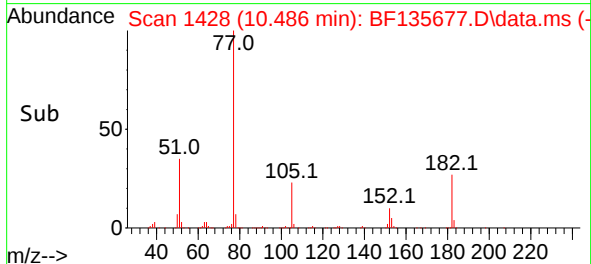
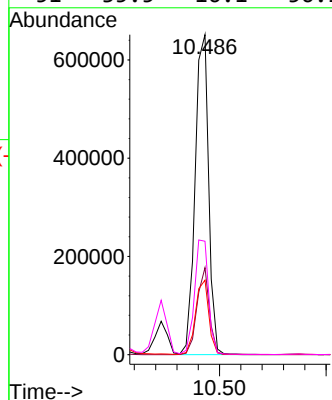
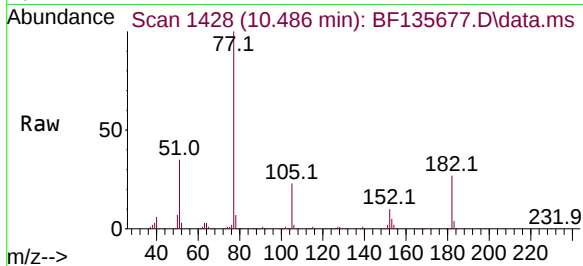




#63
Azobenzene
Concen: 43.004 ng
RT: 10.486 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF135677.D
Acq: 10 Oct 2023 10:46

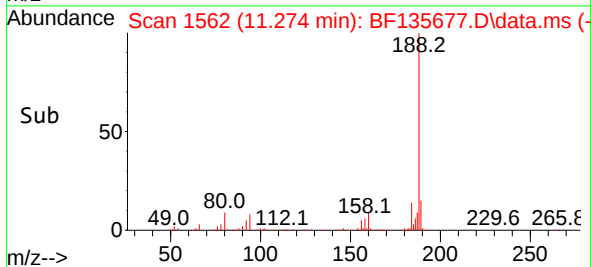
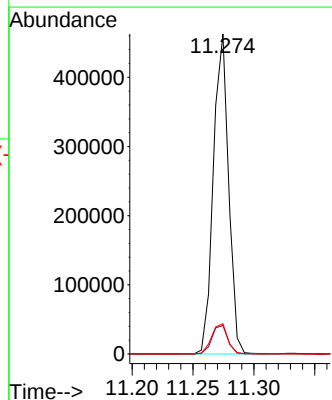
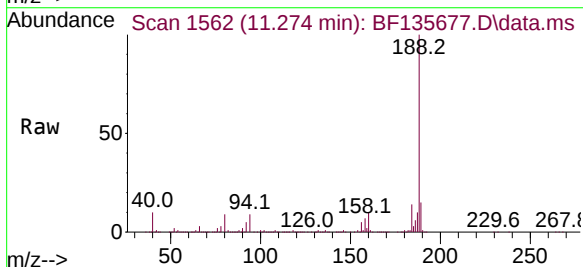
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

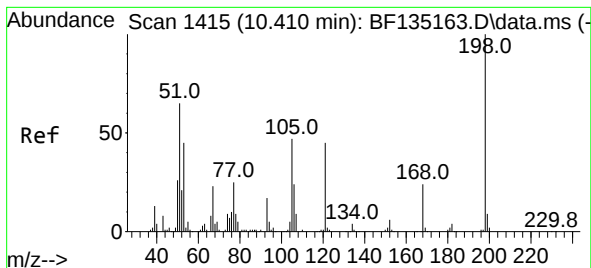
Tgt Ion: 77	Resp: 575364
Ion Ratio	Lower Upper
77 100	
182 27.2	6.4 46.4
105 23.3	3.1 43.1
51 35.5	16.1 56.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.274 min Scan# 1562
Delta R.T. 0.006 min
Lab File: BF135677.D
Acq: 10 Oct 2023 10:46

Tgt Ion:188	Resp: 403863
Ion Ratio	Lower Upper
188 100	
94 8.9	7.0 10.6
80 9.4	7.5 11.3

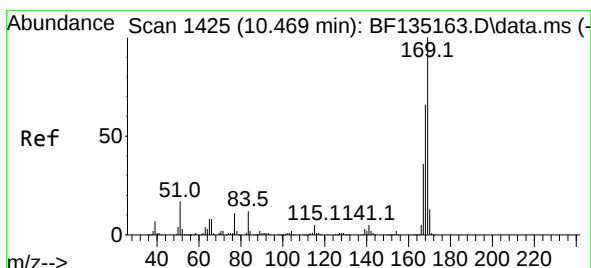
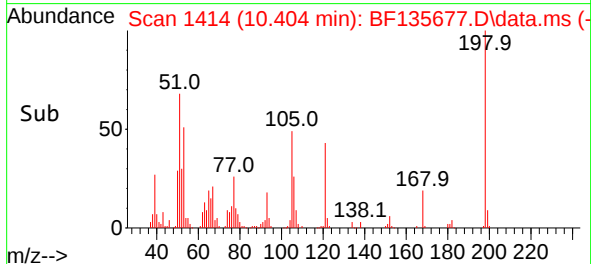
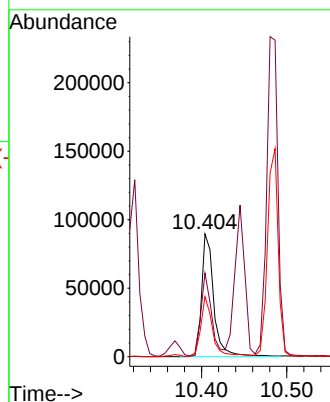
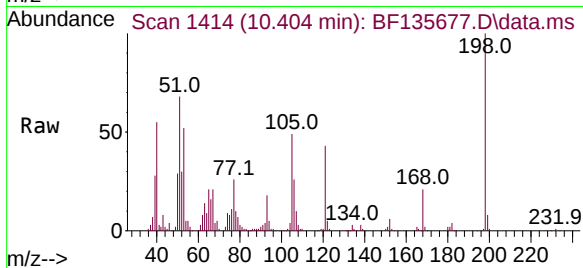




#65
4,6-Dinitro-2-methylphenol
Concen: 41.454 ng
RT: 10.404 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF135677.D
Acq: 10 Oct 2023 10:46

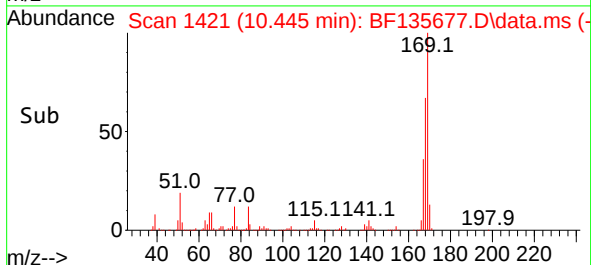
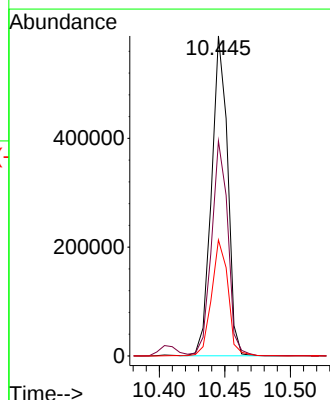
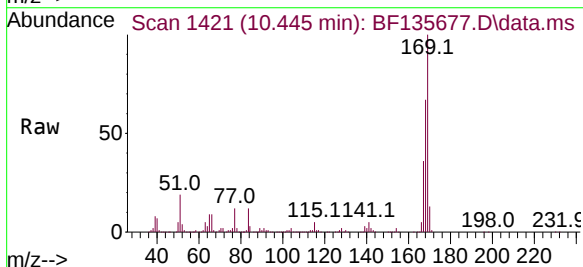
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

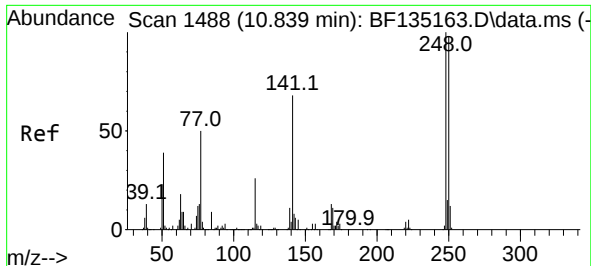
Tgt Ion:198 Resp: 88921
Ion Ratio Lower Upper
198 100
51 68.0 47.7 87.7
105 48.9 27.4 67.4



#66
n-Nitrosodiphenylamine
Concen: 41.008 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF135677.D
Acq: 10 Oct 2023 10:46

Tgt Ion:169 Resp: 501393
Ion Ratio Lower Upper
169 100
168 67.2 52.8 79.2
167 36.2 29.0 43.6





#67

4-Bromophenyl-phenylether

Concen: 41.336 ng

RT: 10.816 min Scan# 1484

Delta R.T. 0.006 min

Lab File: BF135677.D

Acq: 10 Oct 2023 10:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

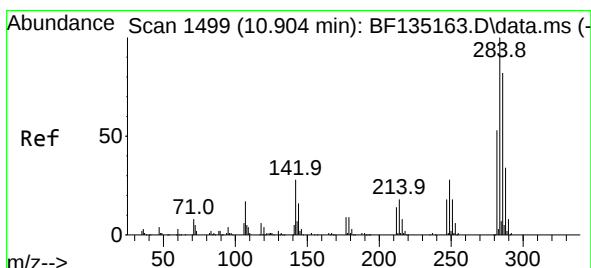
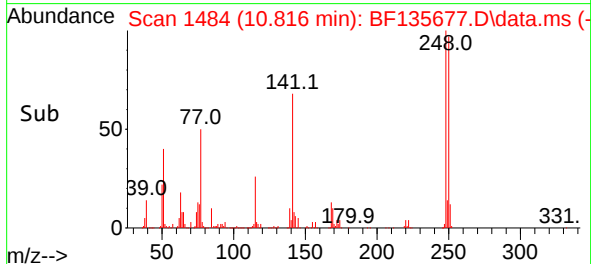
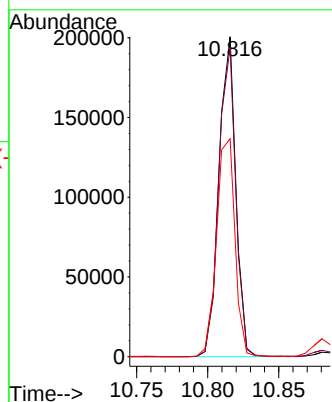
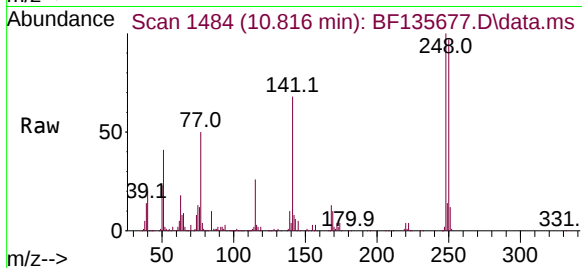
Tgt Ion:248 Resp: 166034

Ion Ratio Lower Upper

248 100

250 96.6 78.6 117.8

141 68.1 54.2 81.2



#68

Hexachlorobenzene

Concen: 40.288 ng

RT: 10.880 min Scan# 1495

Delta R.T. 0.006 min

Lab File: BF135677.D

Acq: 10 Oct 2023 10:46

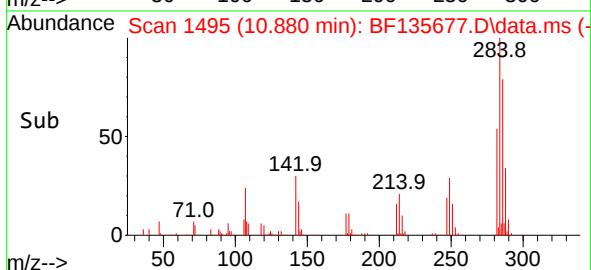
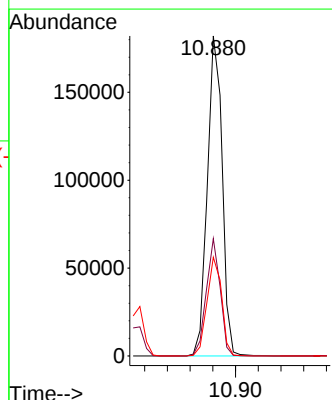
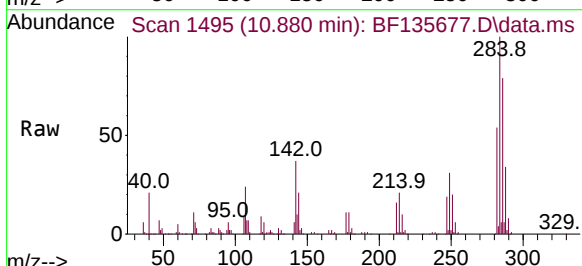
Tgt Ion:284 Resp: 164862

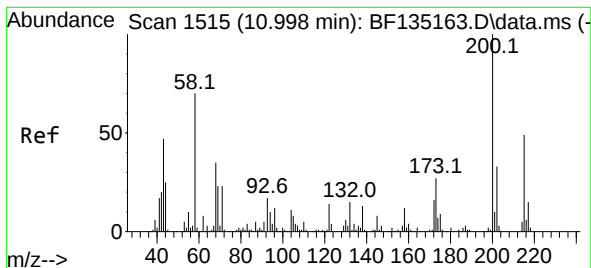
Ion Ratio Lower Upper

284 100

142 36.6 22.2 33.4#

249 30.9 22.5 33.7





#69

Atrazine

Concen: 40.828 ng

RT: 10.980 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF135677.D

Acq: 10 Oct 2023 10:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

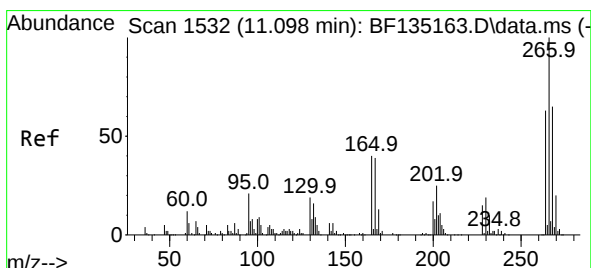
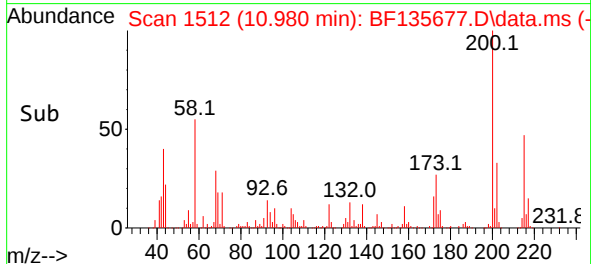
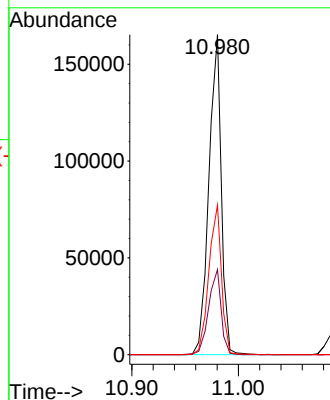
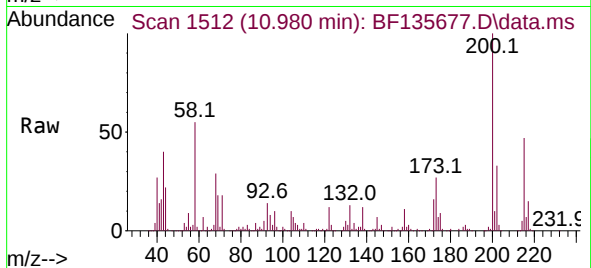
Tgt Ion:200 Resp: 134321

Ion Ratio Lower Upper

200 100

173 26.6 7.4 47.4

215 46.7 28.6 68.6



#70

Pentachlorophenol

Concen: 27.458 ng

RT: 11.086 min Scan# 1530

Delta R.T. 0.006 min

Lab File: BF135677.D

Acq: 10 Oct 2023 10:46

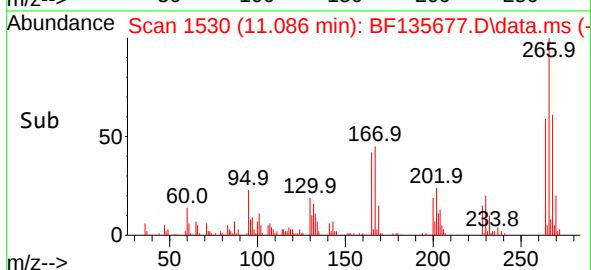
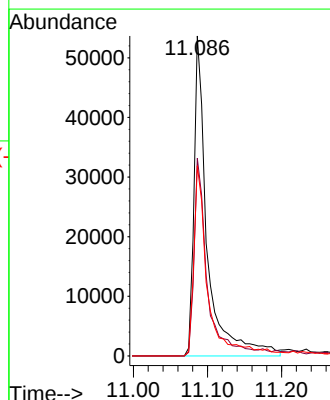
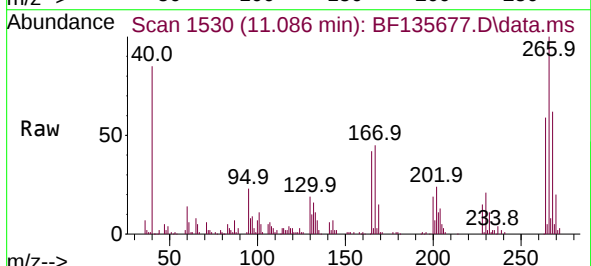
Tgt Ion:266 Resp: 67226

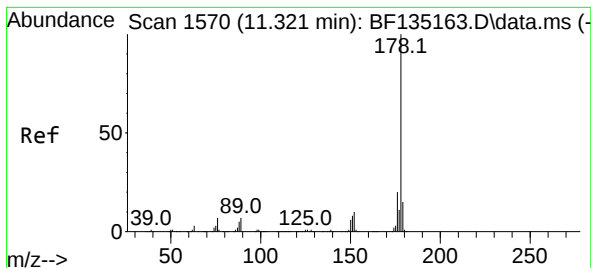
Ion Ratio Lower Upper

266 100

268 61.8 52.1 78.1

264 59.5 50.8 76.2





#71

Phenanthrene

Concen: 41.749 ng

RT: 11.298 min Scan# 1566

Delta R.T. 0.006 min

Lab File: BF135677.D

Acq: 10 Oct 2023 10:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

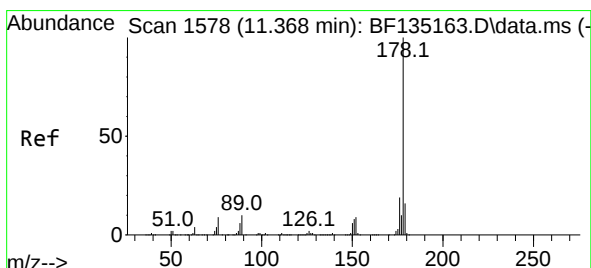
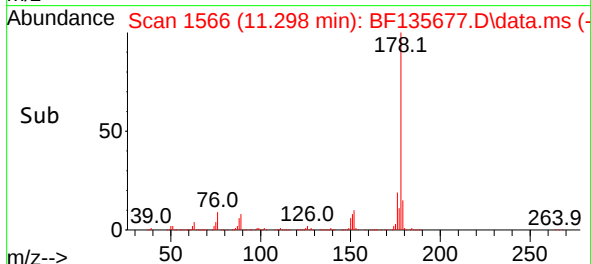
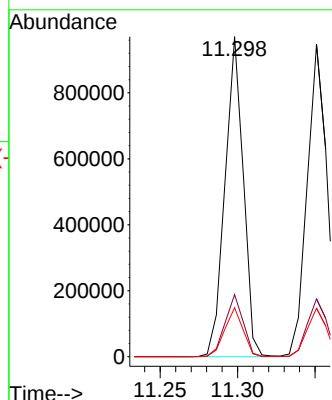
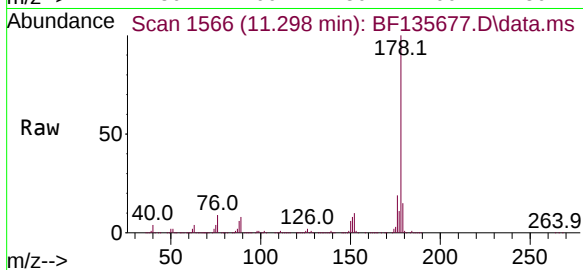
Tgt Ion:178 Resp: 797451

Ion Ratio Lower Upper

178 100

176 19.4 15.6 23.4

179 15.3 12.0 18.0



#72

Anthracene

Concen: 42.301 ng

RT: 11.351 min Scan# 1575

Delta R.T. 0.006 min

Lab File: BF135677.D

Acq: 10 Oct 2023 10:46

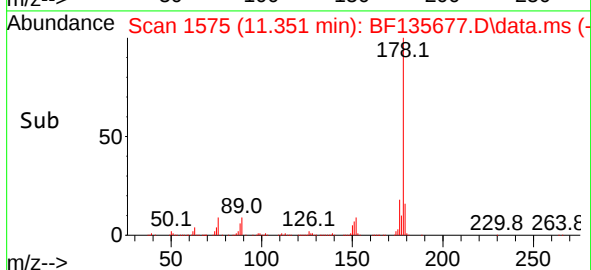
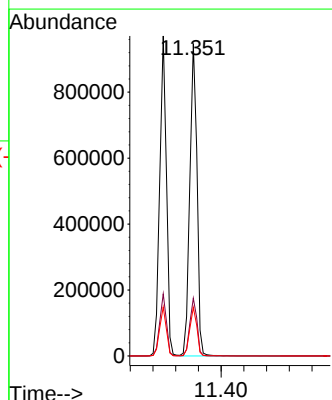
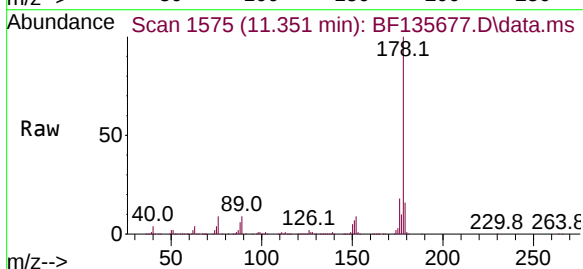
Tgt Ion:178 Resp: 830534

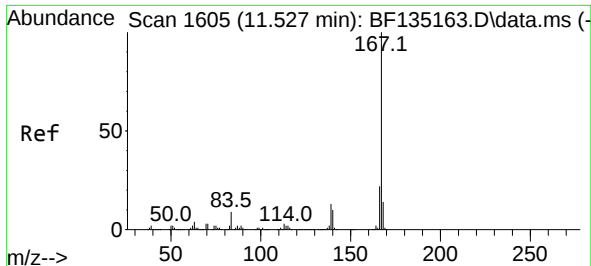
Ion Ratio Lower Upper

178 100

176 18.5 15.4 23.2

179 15.5 12.6 19.0

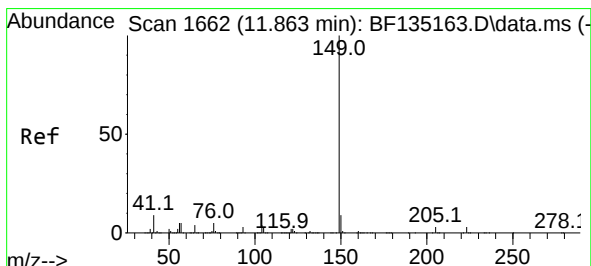
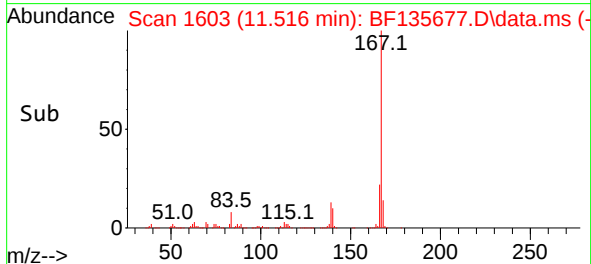
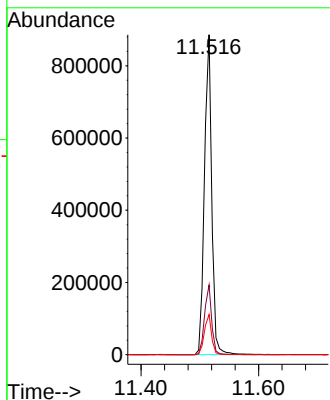
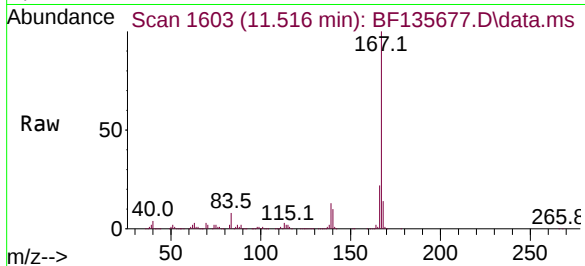




#73
Carbazole
Concen: 42.684 ng
RT: 11.516 min Scan# 1603
Delta R.T. 0.006 min
Lab File: BF135677.D
Acq: 10 Oct 2023 10:46

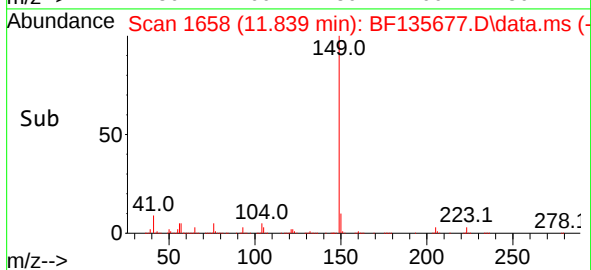
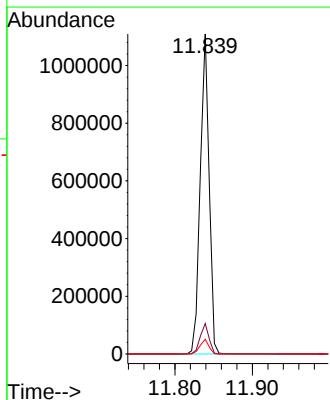
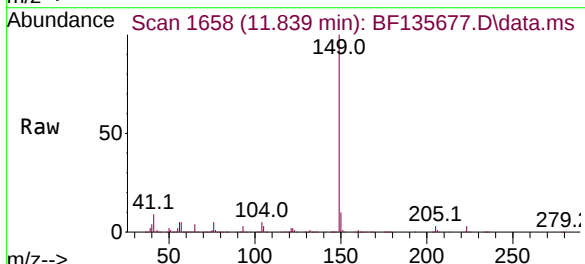
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

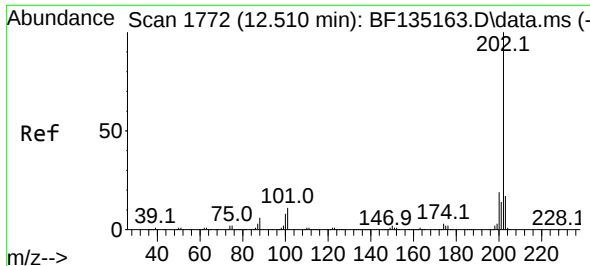
Tgt Ion:167 Resp: 762885
Ion Ratio Lower Upper
167 100
166 21.8 17.4 26.0
139 12.5 10.6 15.8



#74
Di-n-butylphthalate
Concen: 41.913 ng
RT: 11.839 min Scan# 1658
Delta R.T. 0.006 min
Lab File: BF135677.D
Acq: 10 Oct 2023 10:46

Tgt Ion:149 Resp: 882716
Ion Ratio Lower Upper
149 100
150 9.5 7.4 11.0
104 4.6 3.6 5.4

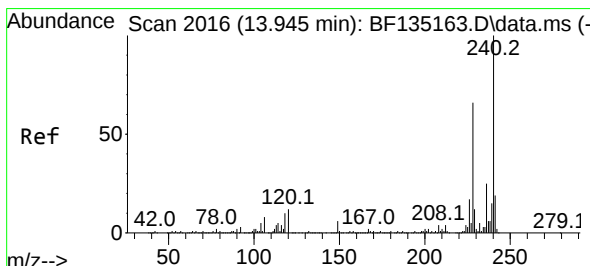
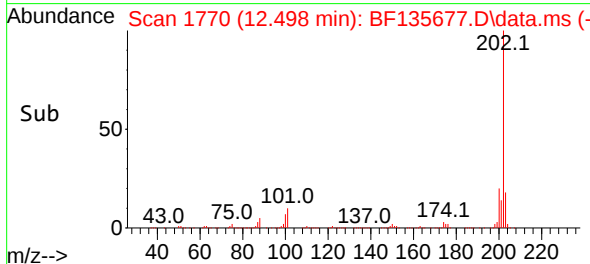
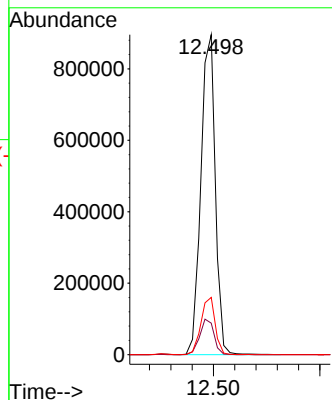
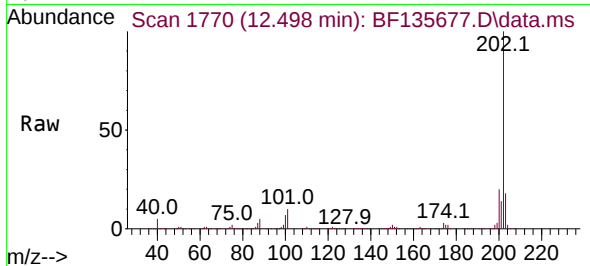




#75
Fluoranthene
Concen: 42.450 ng
RT: 12.498 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF135677.D
Acq: 10 Oct 2023 10:46

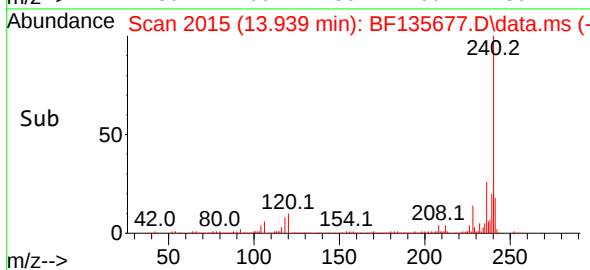
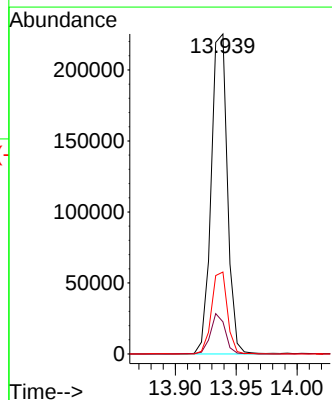
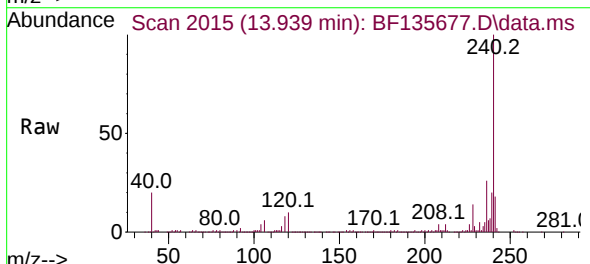
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

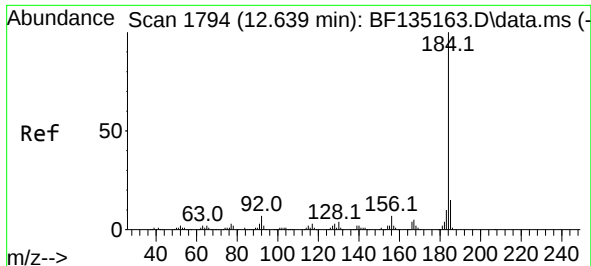
Tgt Ion:202 Resp: 844879
Ion Ratio Lower Upper
202 100
101 9.8 0.0 31.3
203 17.9 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. 0.012 min
Lab File: BF135677.D
Acq: 10 Oct 2023 10:46

Tgt Ion:240 Resp: 209560
Ion Ratio Lower Upper
240 100
120 10.1 9.4 14.2
236 25.6 19.8 29.8

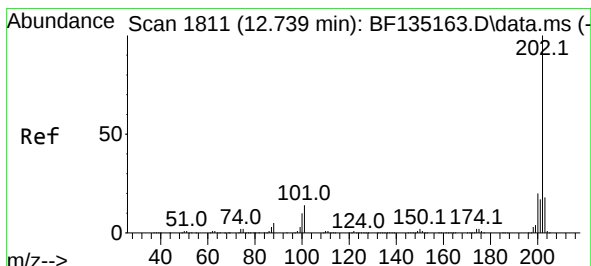
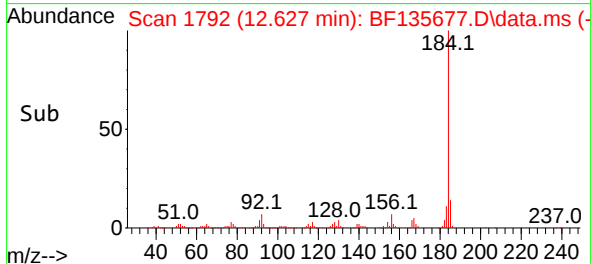
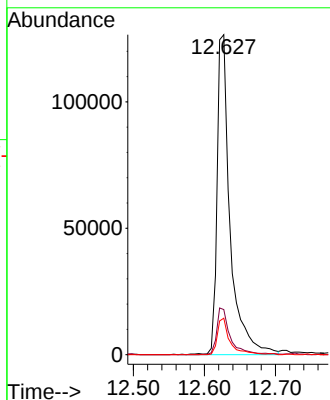
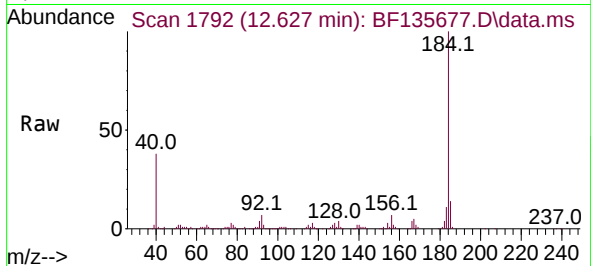




#77
Benzidine
Concen: 37.501 ng
RT: 12.627 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF135677.D
Acq: 10 Oct 2023 10:46

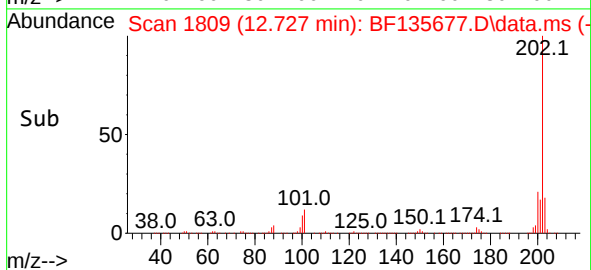
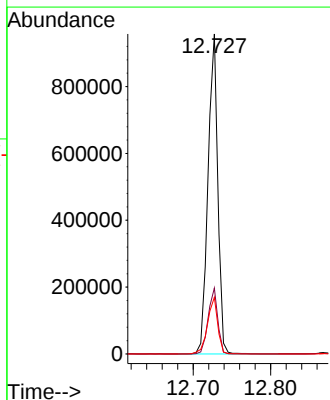
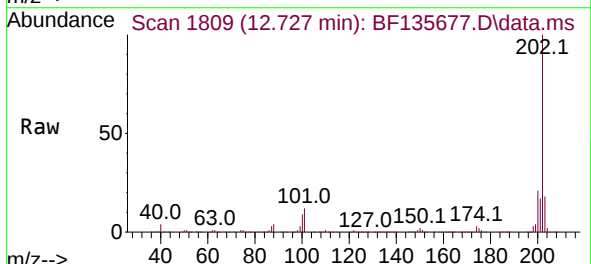
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

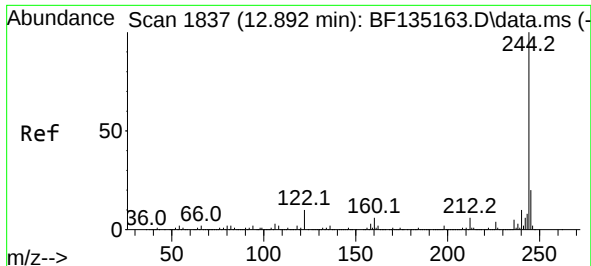
Tgt Ion:184 Resp: 161000
Ion Ratio Lower Upper
184 100
185 14.1 11.7 17.5
183 11.4 8.2 12.4



#78
Pyrene
Concen: 42.001 ng
RT: 12.727 min Scan# 1809
Delta R.T. 0.012 min
Lab File: BF135677.D
Acq: 10 Oct 2023 10:46

Tgt Ion:202 Resp: 837985
Ion Ratio Lower Upper
202 100
200 20.6 16.2 24.2
203 17.7 14.2 21.4

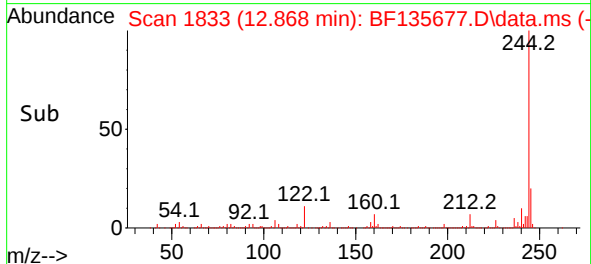
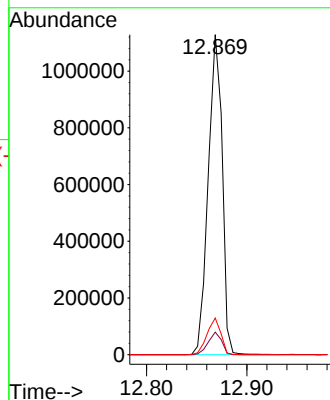
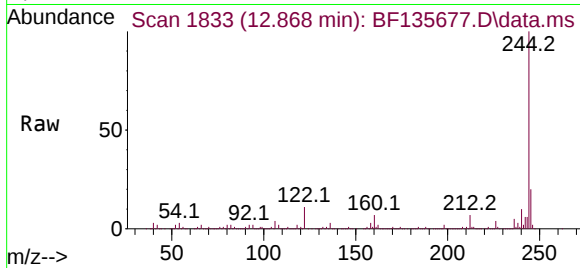




#79
 Terphenyl-d14
 Concen: 80.819 ng
 RT: 12.868 min Scan# 1833
 Delta R.T. 0.006 min
 Lab File: BF135677.D
 Acq: 10 Oct 2023 10:46

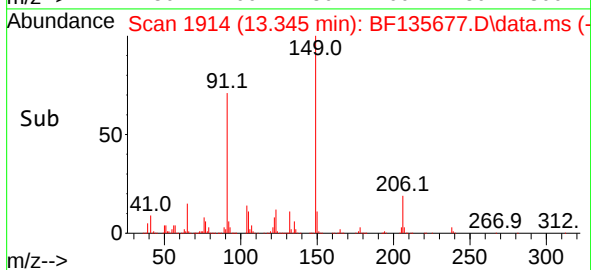
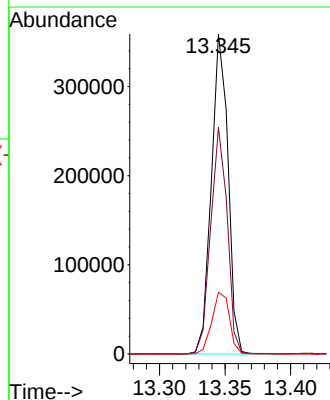
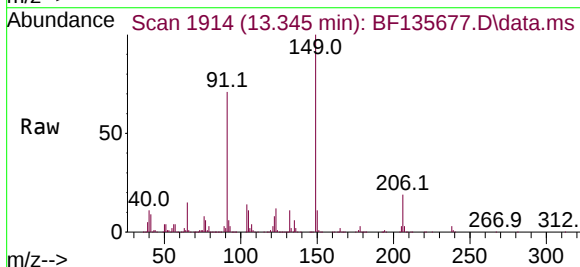
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

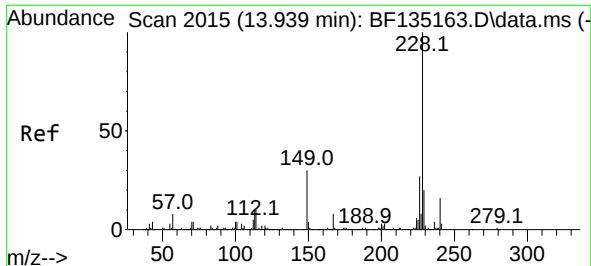
Tgt Ion:244 Resp: 1092532
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.1 7.7
 122 11.4 7.9 11.9



#80
 Butylbenzylphthalate
 Concen: 45.159 ng
 RT: 13.345 min Scan# 1914
 Delta R.T. 0.006 min
 Lab File: BF135677.D
 Acq: 10 Oct 2023 10:46

Tgt Ion:149 Resp: 317227
 Ion Ratio Lower Upper
 149 100
 91 70.8 54.7 82.1
 206 19.3 16.3 24.5

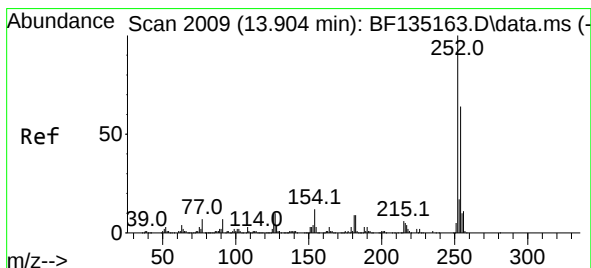
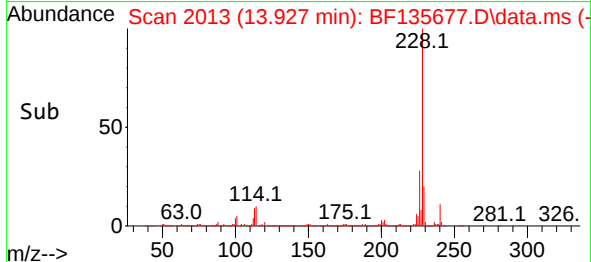
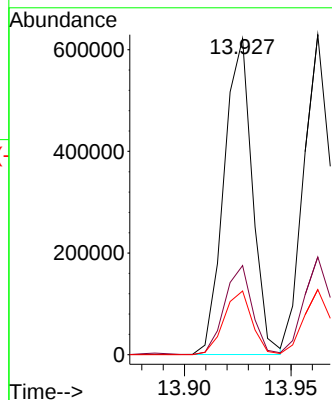
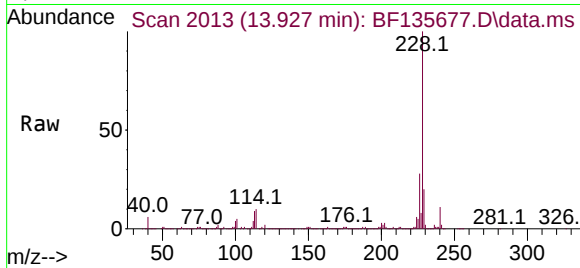




#81
Benzo(a)anthracene
Concen: 42.545 ng
RT: 13.927 min Scan# 2015
Delta R.T. 0.012 min
Lab File: BF135677.D
Acq: 10 Oct 2023 10:46

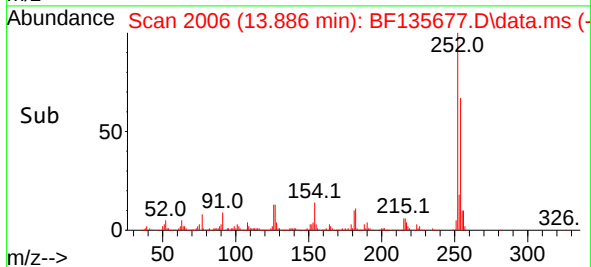
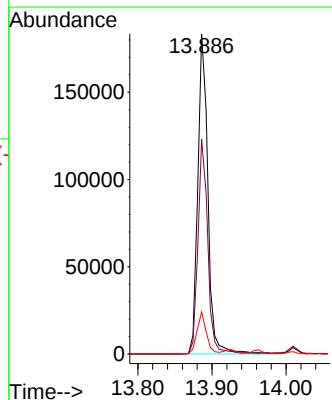
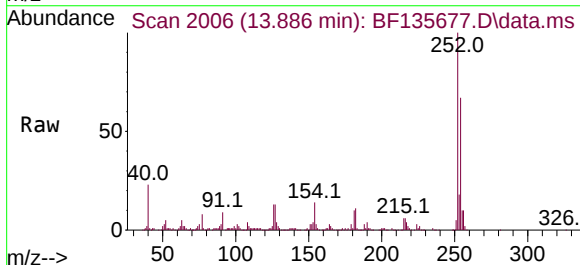
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

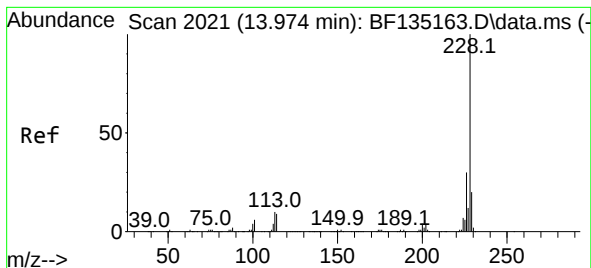
Tgt Ion:228 Resp: 575706
Ion Ratio Lower Upper
228 100
226 28.2 21.7 32.5
229 20.2 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 40.988 ng
RT: 13.886 min Scan# 2006
Delta R.T. 0.006 min
Lab File: BF135677.D
Acq: 10 Oct 2023 10:46

Tgt Ion:252 Resp: 173244
Ion Ratio Lower Upper
252 100
254 67.1 51.0 76.4
126 13.1 7.8 11.8





#83

Chrysene

Concen: 41.170 ng

RT: 13.963 min Scan# 20

Delta R.T. 0.012 min

Lab File: BF135677.D

Acq: 10 Oct 2023 10:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

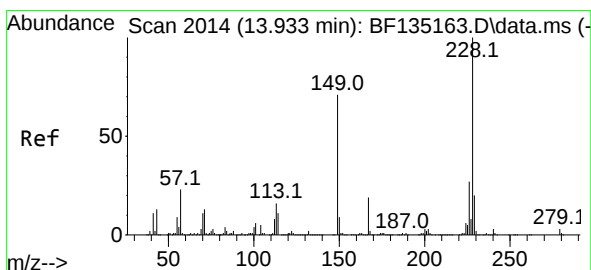
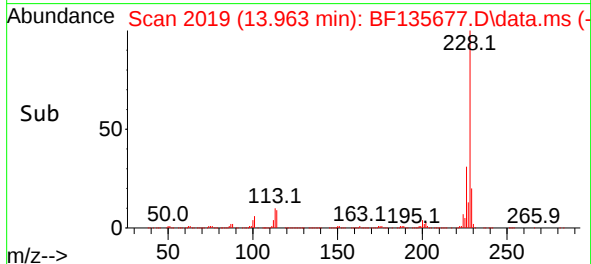
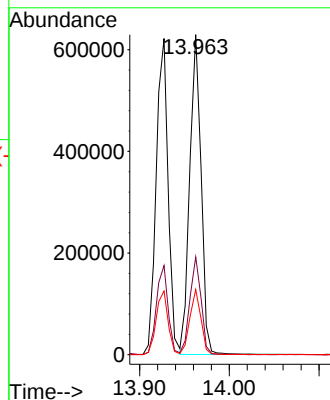
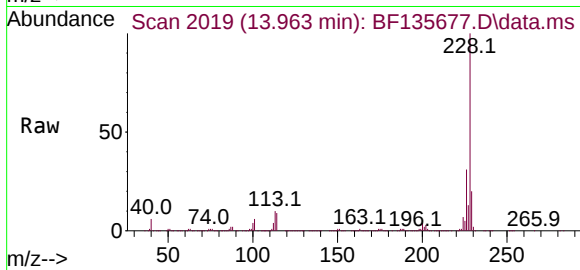
Tgt Ion:228 Resp: 553898

Ion Ratio Lower Upper

228 100

226 30.6 24.3 36.5

229 20.4 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.443 ng

RT: 13.910 min Scan# 2010

Delta R.T. 0.006 min

Lab File: BF135677.D

Acq: 10 Oct 2023 10:46

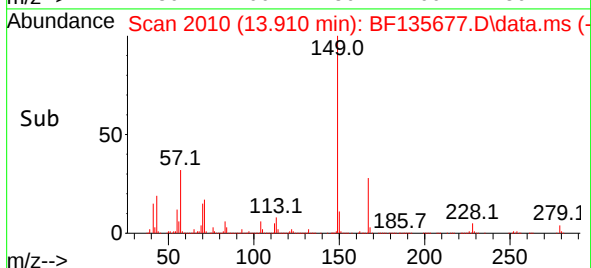
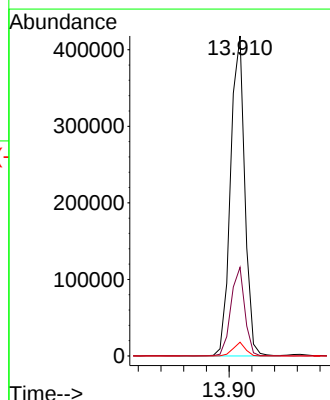
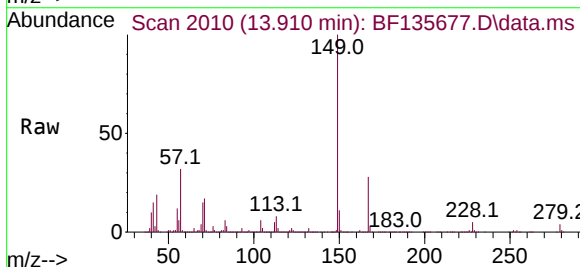
Tgt Ion:149 Resp: 363620

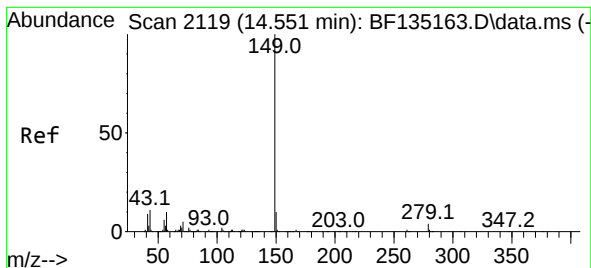
Ion Ratio Lower Upper

149 100

167 27.7 21.9 32.9

279 4.3 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 43.024 ng

RT: 14.527 min Scan# 2115

Delta R.T. 0.006 min

Lab File: BF135677.D

Acq: 10 Oct 2023 10:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

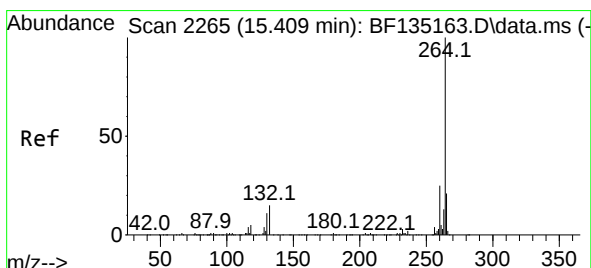
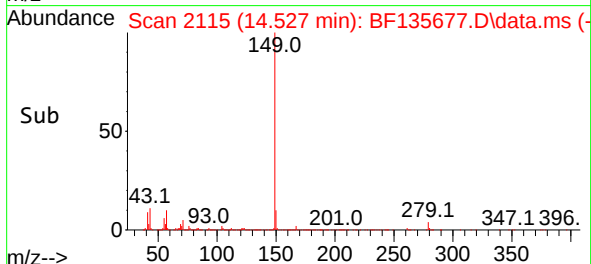
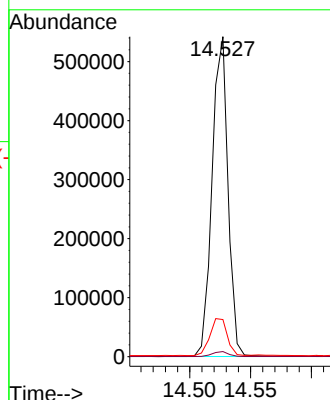
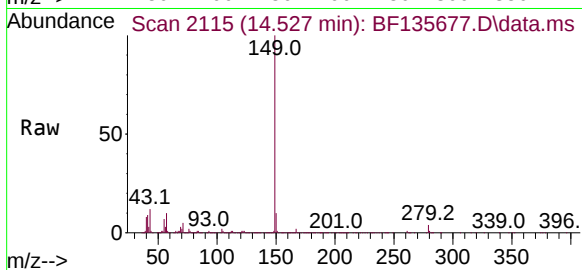
Tgt Ion:149 Resp: 492872

Ion Ratio Lower Upper

149 100

167 1.8 1.1 1.7#

43 12.5 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.404 min Scan# 2264

Delta R.T. 0.018 min

Lab File: BF135677.D

Acq: 10 Oct 2023 10:46

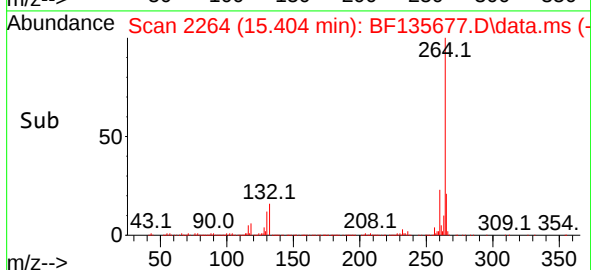
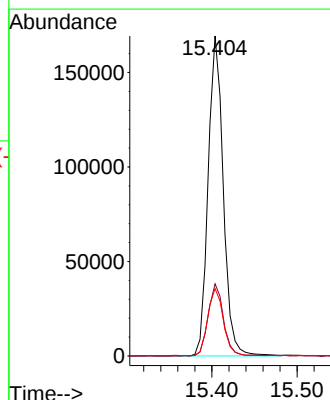
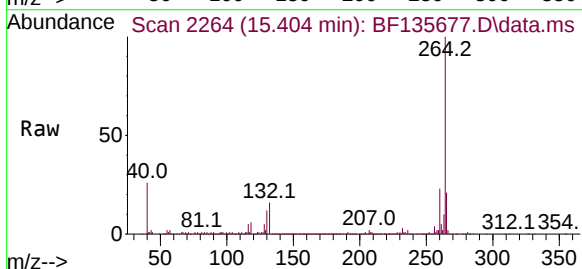
Tgt Ion:264 Resp: 208847

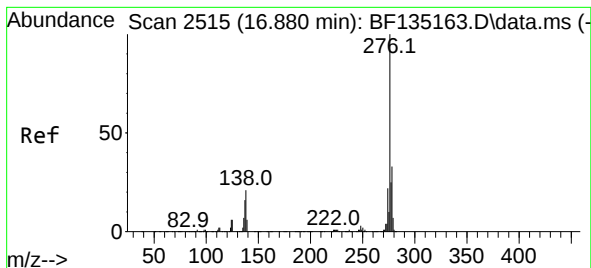
Ion Ratio Lower Upper

264 100

260 22.5 19.8 29.6

265 21.1 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.096 ng

RT: 16.904 min Scan# 2119

Delta R.T. 0.035 min

Lab File: BF135677.D

Acq: 10 Oct 2023 10:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

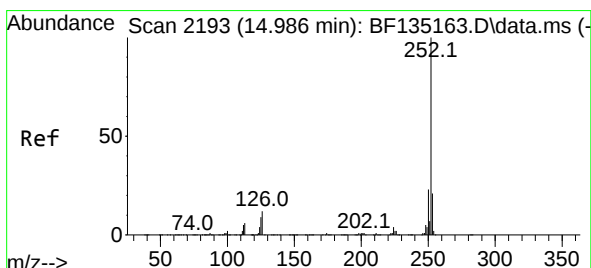
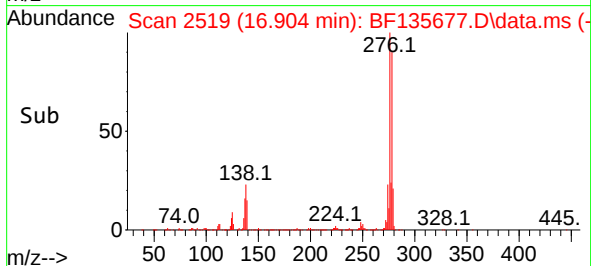
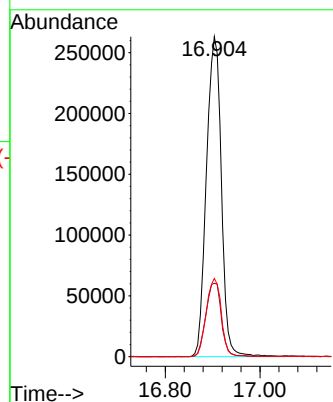
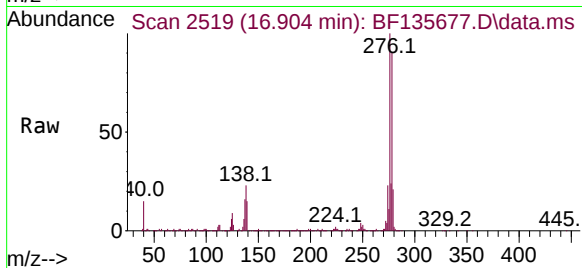
Tgt Ion:276 Resp: 576438

Ion Ratio Lower Upper

276 100

138 24.0 19.2 28.8

277 24.6 19.7 29.5



#88

Benzo(b)fluoranthene

Concen: 39.744 ng

RT: 14.980 min Scan# 2192

Delta R.T. 0.018 min

Lab File: BF135677.D

Acq: 10 Oct 2023 10:46

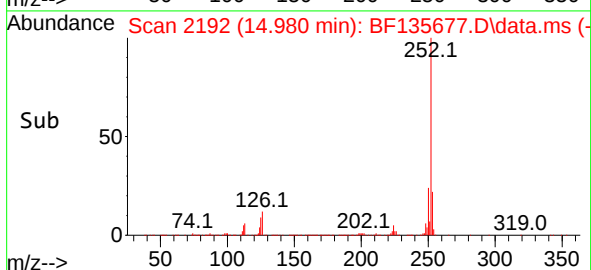
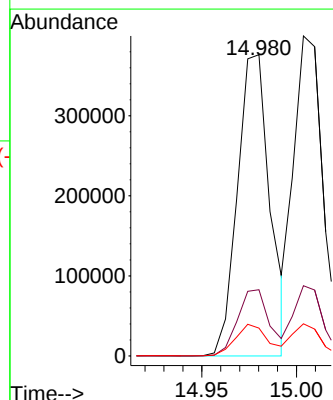
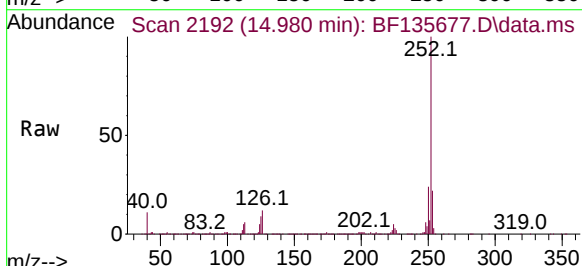
Tgt Ion:252 Resp: 449326

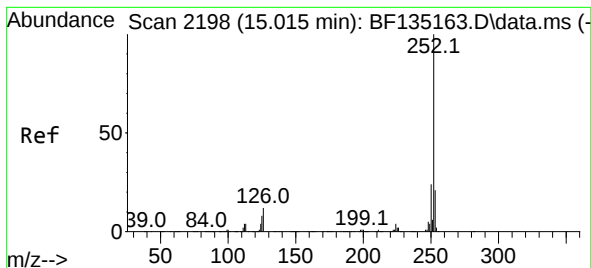
Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

125 9.2 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 38.613 ng

RT: 15.004 min Scan# 2196

Delta R.T. 0.012 min

Lab File: BF135677.D

Acq: 10 Oct 2023 10:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

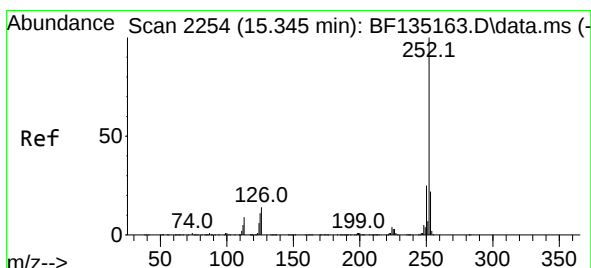
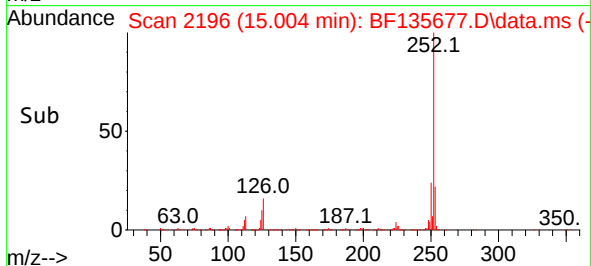
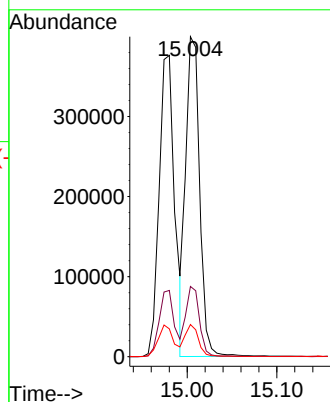
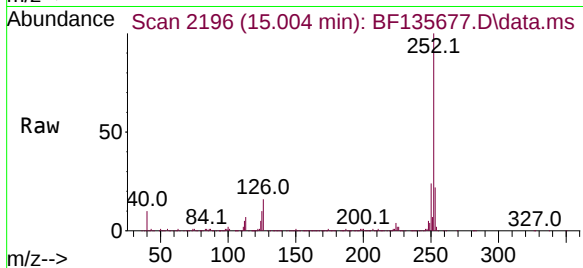
Tgt Ion:252 Resp: 431233

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 10.1 7.2 10.8



#90

Benzo(a)pyrene

Concen: 41.366 ng

RT: 15.345 min Scan# 2254

Delta R.T. 0.018 min

Lab File: BF135677.D

Acq: 10 Oct 2023 10:46

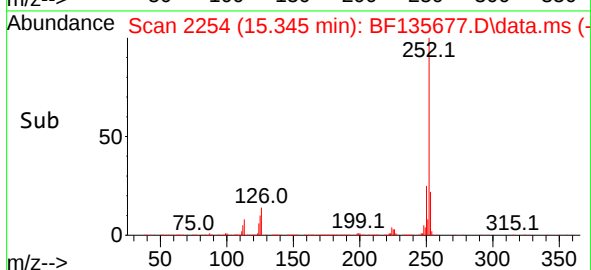
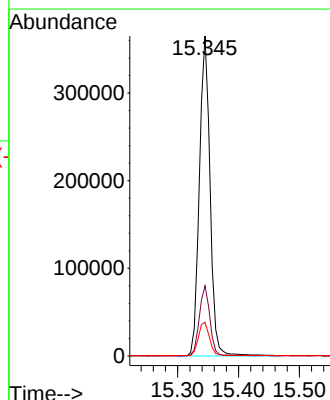
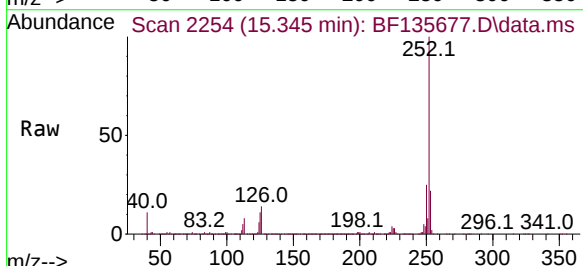
Tgt Ion:252 Resp: 445988

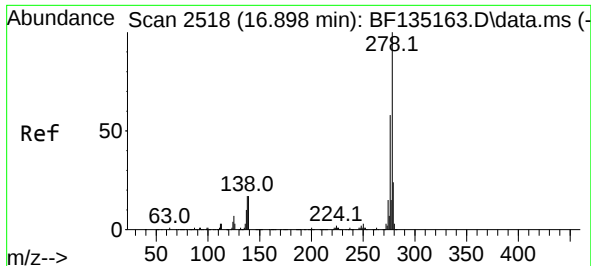
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 10.5 9.2 13.8

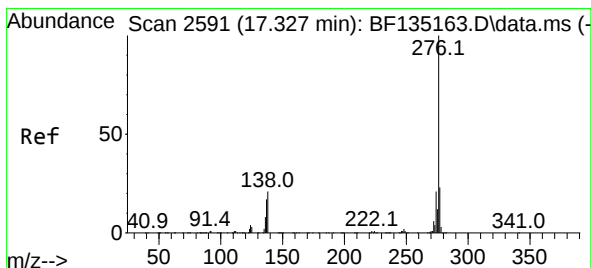
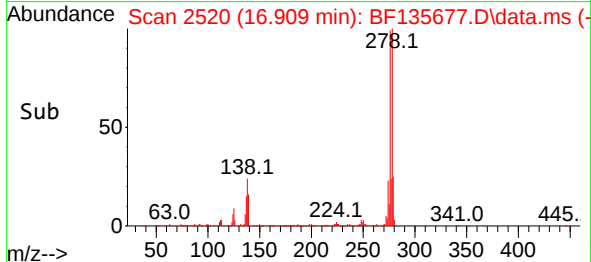
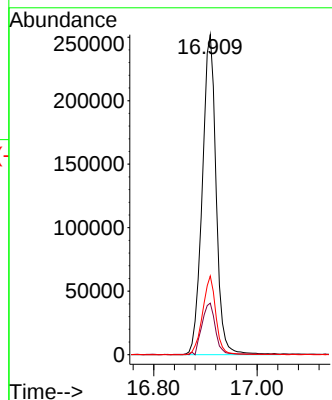
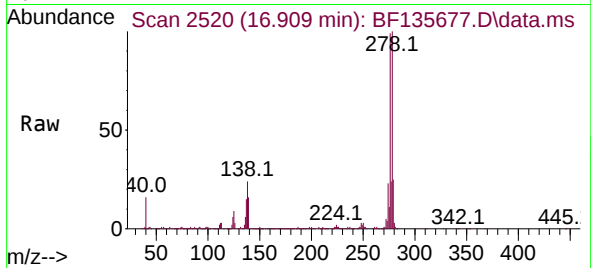




#91
Dibenzo(a,h)anthracene
Concen: 41.759 ng
RT: 16.909 min Scan# 2518
Delta R.T. 0.029 min
Lab File: BF135677.D
Acq: 10 Oct 2023 10:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 467869
Ion Ratio Lower Upper
278 100
139 16.1 13.4 20.0
279 24.6 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 42.939 ng
RT: 17.351 min Scan# 2595
Delta R.T. 0.035 min
Lab File: BF135677.D
Acq: 10 Oct 2023 10:46

Tgt Ion:276 Resp: 502446
Ion Ratio Lower Upper
276 100
277 24.9 18.8 28.2
138 21.7 16.9 25.3

