

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101023\
 Data File : BF135682.D
 Acq On : 10 Oct 2023 13:50
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 11 02:52:24 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 11 02:43:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	92633	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	346674	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	177960	20.000	ng	0.00
64) Phenanthrene-d10	11.274	188	334953	20.000	ng	0.00
76) Chrysene-d12	13.933	240	162096	20.000	ng	0.00
86) Perylene-d12	15.404	264	175763	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	461744	81.073	ng	0.00
7) Phenol-d6	6.392	99	564599	77.961	ng	0.00
23) Nitrobenzene-d5	7.310	82	533957	83.680	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	143081	80.906	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	970037	82.238	ng	0.00
79) Terphenyl-d14	12.868	244	918590	87.849	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.422	88	108842	43.593	ng	97
3) Pyridine	3.169	79	263424	39.202	ng	95
4) n-Nitrosodimethylamine	3.146	42	150009	42.068	ng	94
6) Aniline	6.410	93	356243	37.512	ng	# 73
8) 2-Chlorophenol	6.528	128	247863	40.768	ng	98
9) Benzaldehyde	6.298	77	149607	36.263	ng	97
10) Phenol	6.404	94	304215	38.308	ng	# 74
11) bis(2-Chloroethyl)ether	6.481	93	234463	39.361	ng	98
12) 1,3-Dichlorobenzene	6.681	146	245154	39.676	ng	97
13) 1,4-Dichlorobenzene	6.757	146	249443	39.679	ng	99
14) 1,2-Dichlorobenzene	6.910	146	228766	39.186	ng	97
15) Benzyl Alcohol	6.892	79	185776	35.748	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.016	45	433145	38.577	ng	71
17) 2-Methylphenol	7.004	107	206480	38.485	ng	95
18) Hexachloroethane	7.239	117	93875	40.415	ng	90
19) n-Nitroso-di-n-propyla...	7.157	70	171736	38.285	ng	95
20) 3+4-Methylphenols	7.163	107	261913	40.597	ng	# 77
22) Acetophenone	7.151	105	333136	42.032	ng	# 90
24) Nitrobenzene	7.328	77	266761	42.297	ng	99
25) Isophorone	7.563	82	481038	41.054	ng	99
26) 2-Nitrophenol	7.645	139	130190	43.010	ng	95
27) 2,4-Dimethylphenol	7.686	122	212196	41.705	ng	98
28) bis(2-Chloroethoxy)met...	7.775	93	294776	42.032	ng	100
29) 2,4-Dichlorophenol	7.892	162	202842	43.024	ng	98
30) 1,2,4-Trichlorobenzene	7.963	180	205300	41.661	ng	98
31) Naphthalene	8.039	128	702878	41.729	ng	99
32) Benzoic acid	7.828	122	134477	35.100	ng	99
33) 4-Chloroaniline	8.098	127	308052	41.684	ng	98
34) Hexachlorobutadiene	8.151	225	124412	41.870	ng	100
35) Caprolactam	8.475	113	68133	43.059	ng	98
36) 4-Chloro-3-methylphenol	8.592	107	216932	41.400	ng	99
37) 2-Methylnaphthalene	8.733	142	467909	41.326	ng	98
38) 1-Methylnaphthalene	8.833	142	434083	40.950	ng	97
40) 1,2,4,5-Tetrachloroben...	8.898	216	215980	41.892	ng	100
41) Hexachlorocyclopentadiene	8.881	237	75337	37.486	ng	98
43) 2,4,6-Trichlorophenol	9.022	196	132440	39.234	ng	100

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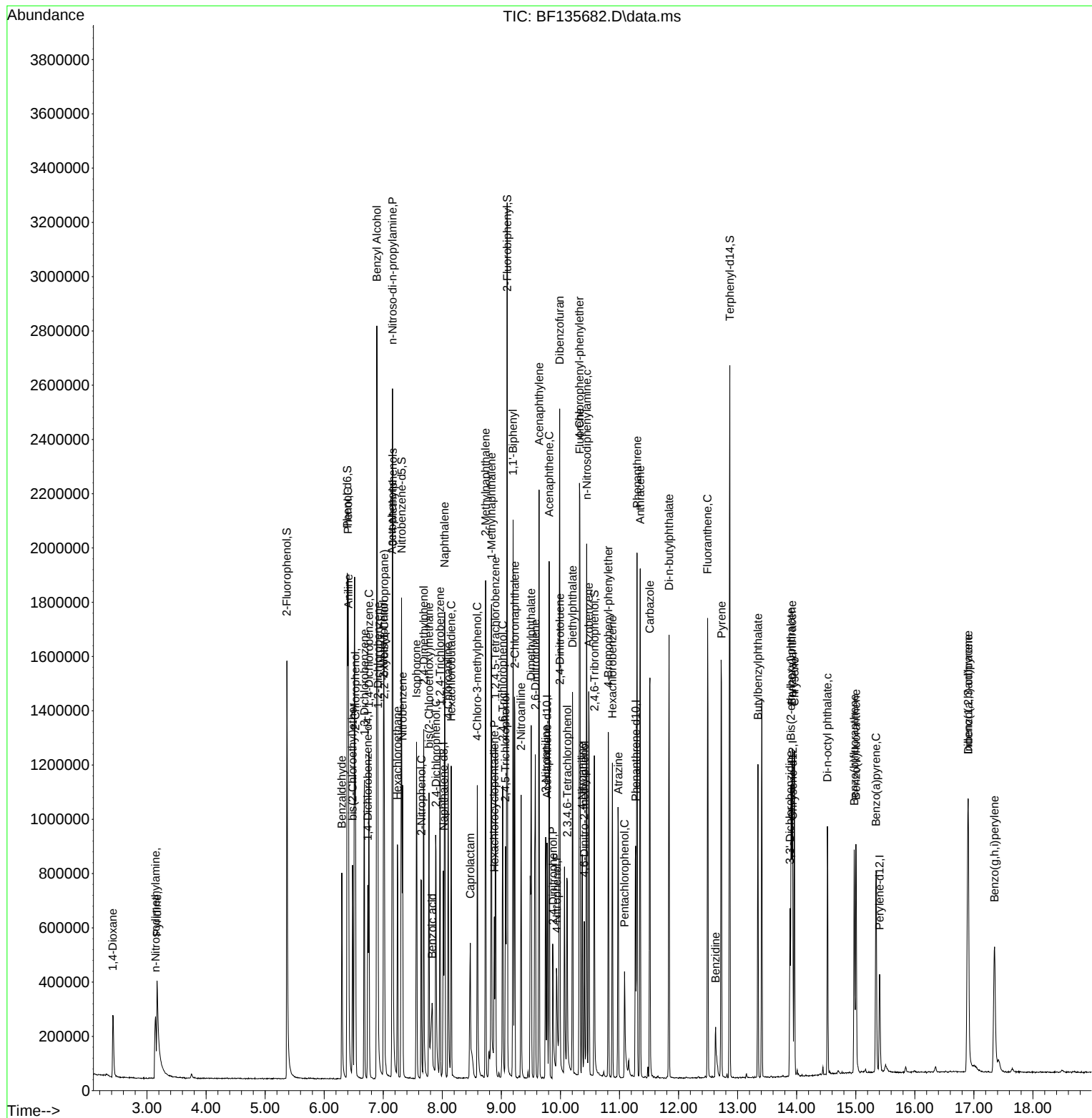
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.069	196	154446	39.730	ng	99
46) 1,1'-Biphenyl	9.198	154	575460	42.078	ng	98
47) 2-Chloronaphthalene	9.228	162	407407	41.058	ng	100
48) 2-Nitroaniline	9.333	65	159383	41.345	ng	99
49) Acenaphthylene	9.639	152	670838	40.679	ng	99
50) Dimethylphthalate	9.504	163	497833	41.376	ng	100
51) 2,6-Dinitrotoluene	9.575	165	108239	41.065	ng	99
52) Acenaphthene	9.810	154	402463	41.313	ng	98
53) 3-Nitroaniline	9.751	138	126578	40.911	ng	93
54) 2,4-Dinitrophenol	9.875	184	79841	55.439	ng	93
55) Dibenzofuran	9.986	168	612364	41.192	ng	99
56) 4-Nitrophenol	9.939	139	72476	36.858	ng	89
57) 2,4-Dinitrotoluene	9.992	165	136447	41.350	ng	90
58) Fluorene	10.327	166	491926	43.044	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.116	232	114028	38.132	ng	99
60) Diethylphthalate	10.204	149	508644	42.123	ng	98
61) 4-Chlorophenyl-phenyle...	10.322	204	235894	42.969	ng	95
62) 4-Nitroaniline	10.369	138	116825	39.281	ng	98
63) Azobenzene	10.480	77	496713	42.031	ng	95
65) 4,6-Dinitro-2-methylph...	10.404	198	73519	41.325	ng	88
66) n-Nitrosodiphenylamine	10.445	169	432328	42.633	ng	99
67) 4-Bromophenyl-phenylether	10.810	248	144031	43.235	ng	# 92
68) Hexachlorobenzene	10.880	284	143328	42.231	ng	# 92
69) Atrazine	10.980	200	111528	40.875	ng	99
70) Pentachlorophenol	11.086	266	68559	33.764	ng	97
71) Phenanthrene	11.298	178	679116	42.869	ng	100
72) Anthracene	11.351	178	695924	42.737	ng	99
73) Carbazole	11.516	167	641273	43.261	ng	99
74) Di-n-butylphthalate	11.839	149	757278	43.354	ng	99
75) Fluoranthene	12.492	202	687545	41.652	ng	99
77) Benzidine	12.627	184	106611	32.104	ng	100
78) Pyrene	12.727	202	679552	44.033	ng	99
80) Butylbenzylphthalate	13.345	149	241896	44.518	ng	98
81) Benzo(a)anthracene	13.921	228	454128	43.387	ng	99
82) 3,3'-Dichlorobenzidine	13.886	252	131307	40.162	ng	99
83) Chrysene	13.963	228	429810	41.302	ng	99
84) Bis(2-ethylhexyl)phtha...	13.904	149	274622	49.252	ng	99
85) Di-n-octyl phthalate	14.521	149	403870	45.578	ng	99
87) Indeno(1,2,3-cd)pyrene	16.904	276	513099	44.524	ng	99
88) Benzo(b)fluoranthene	14.974	252	382293	40.179	ng	98
89) Benzo(k)fluoranthene	15.004	252	354872	37.757	ng	98
90) Benzo(a)pyrene	15.345	252	378288	41.691	ng	99
91) Dibenzo(a,h)anthracene	16.904	278	421663	44.718	ng	98
92) Benzo(g,h,i)perylene	17.351	276	446715	45.363	ng	98

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

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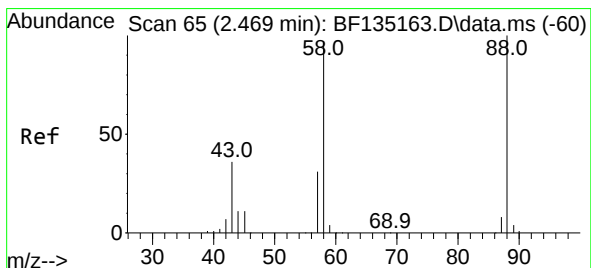
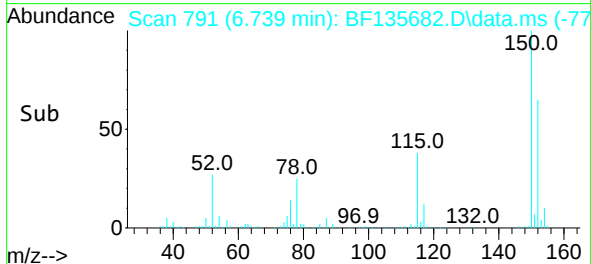
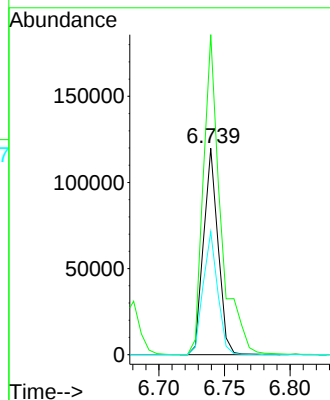
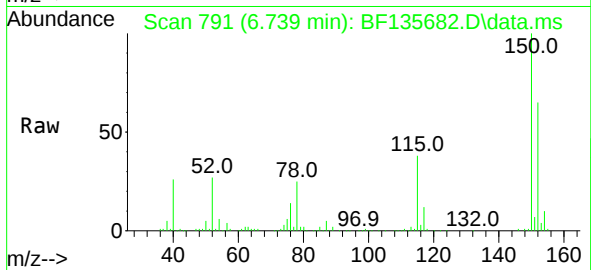




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.739 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: BF135682.D
 Acq: 10 Oct 2023 13:50

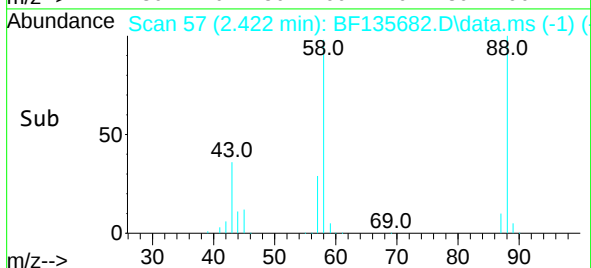
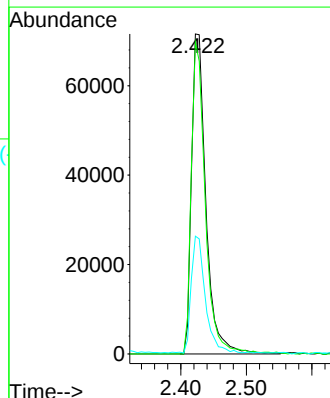
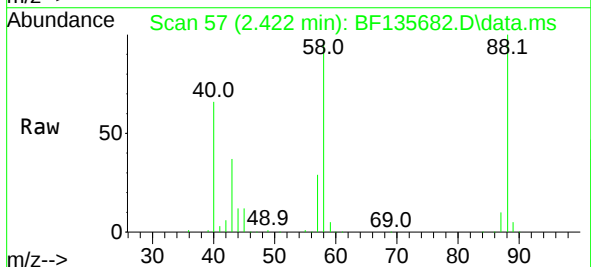
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:152 Resp: 92633
 Ion Ratio Lower Upper
 152 100
 150 155.0 127.8 191.6
 115 59.6 49.8 74.8



#2
 1,4-Dioxane
 Concen: 43.593 ng
 RT: 2.422 min Scan# 57
 Delta R.T. -0.006 min
 Lab File: BF135682.D
 Acq: 10 Oct 2023 13:50

Tgt Ion: 88 Resp: 108842
 Ion Ratio Lower Upper
 88 100
 58 94.6 78.3 117.5
 43 35.6 29.4 44.0

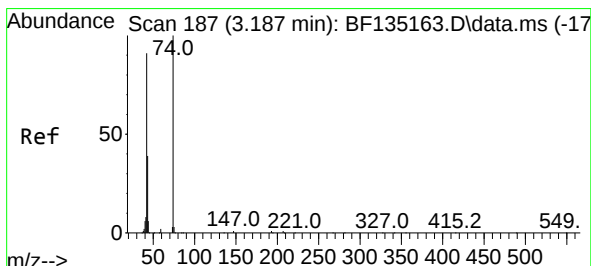
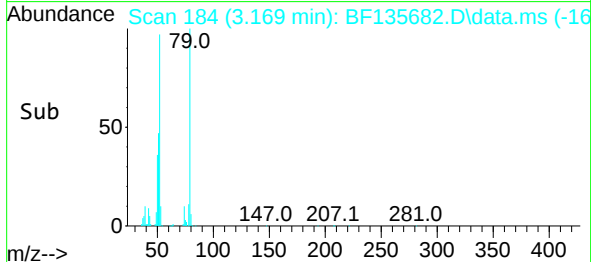
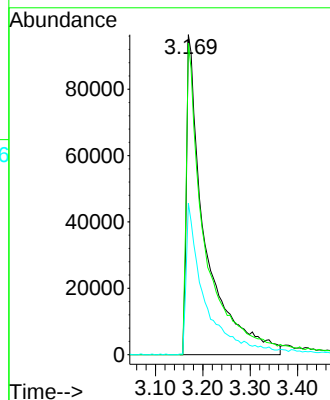
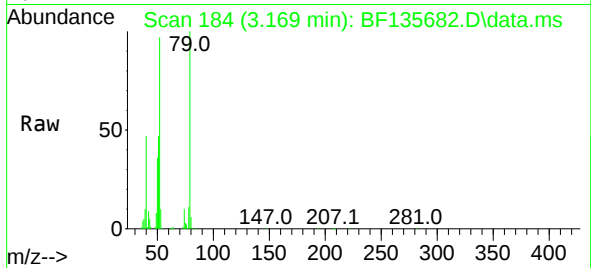




#3
Pyridine
Concen: 39.202 ng
RT: 3.169 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135682.D
Acq: 10 Oct 2023 13:50

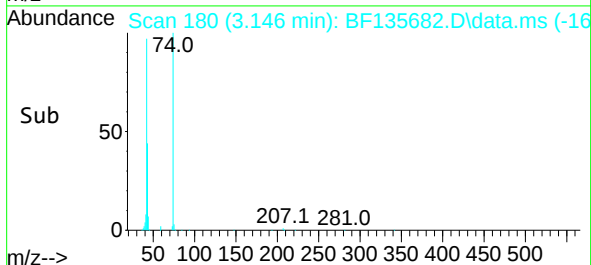
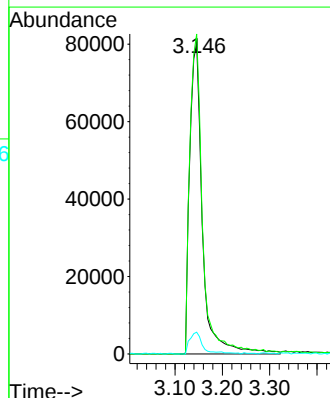
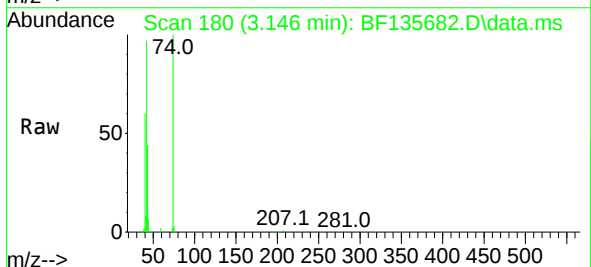
Instrument :
BNA_F
ClientSampleId :
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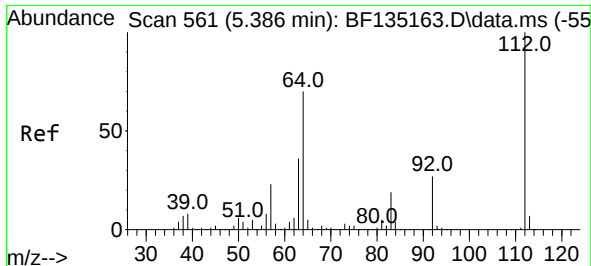
Tgt Ion: 79 Resp: 263424
Ion Ratio Lower Upper
79 100
52 97.3 74.1 111.1
51 47.3 35.8 53.8



#4
n-Nitrosodimethylamine
Concen: 42.068 ng
RT: 3.146 min Scan# 180
Delta R.T. -0.006 min
Lab File: BF135682.D
Acq: 10 Oct 2023 13:50

Tgt Ion: 42 Resp: 150009
Ion Ratio Lower Upper
42 100
74 103.2 87.7 131.5
44 7.0 5.6 8.4

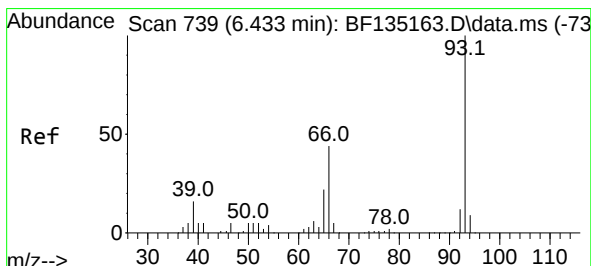
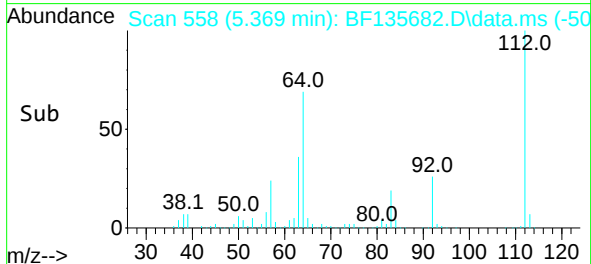
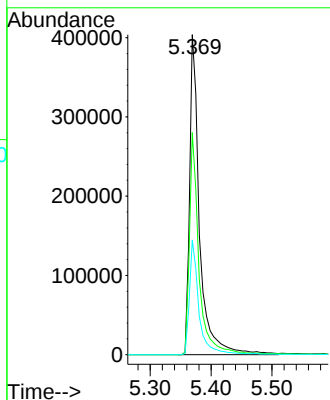
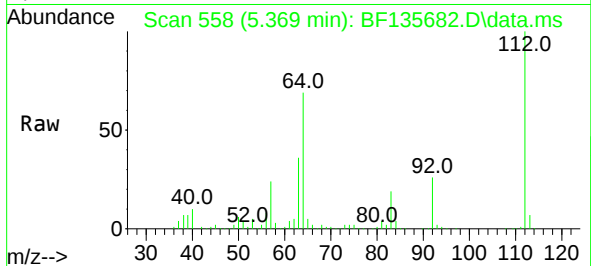




#5
2-Fluorophenol
Concen: 81.073 ng
RT: 5.369 min Scan# 511
Delta R.T. -0.000 min
Lab File: BF135682.D
Acq: 10 Oct 2023 13:50

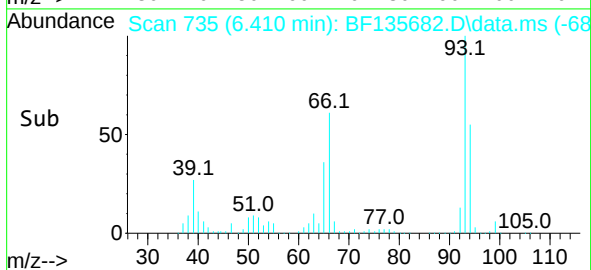
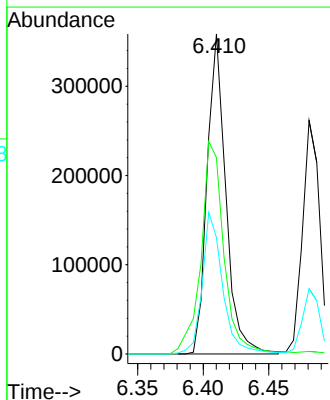
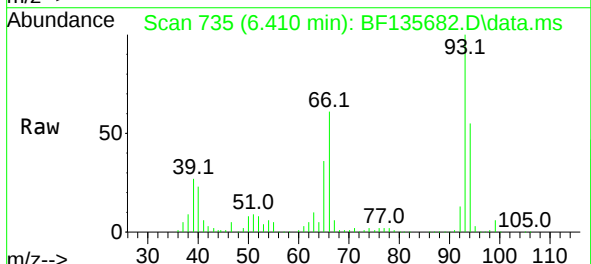
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:112 Resp: 461744
Ion Ratio Lower Upper
112 100
64 69.4 55.9 83.9
63 35.9 29.0 43.6



#6
Aniline
Concen: 37.512 ng
RT: 6.410 min Scan# 735
Delta R.T. 0.000 min
Lab File: BF135682.D
Acq: 10 Oct 2023 13:50

Tgt Ion: 93 Resp: 356243
Ion Ratio Lower Upper
93 100
66 61.3 35.4 53.0#
65 36.3 17.8 26.8#





#7

Phenol-d6

Concen: 77.961 ng

RT: 6.392 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF135682.D

Acq: 10 Oct 2023 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

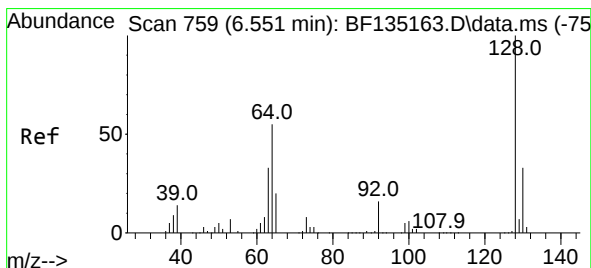
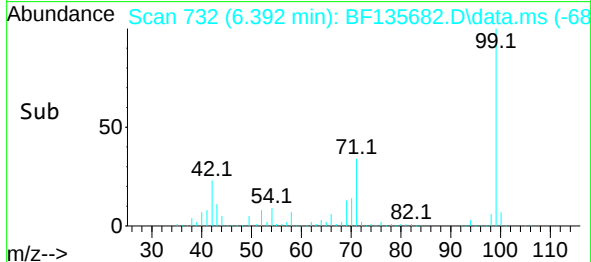
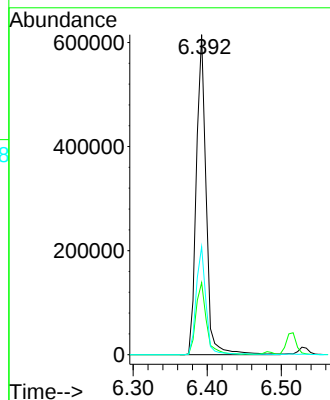
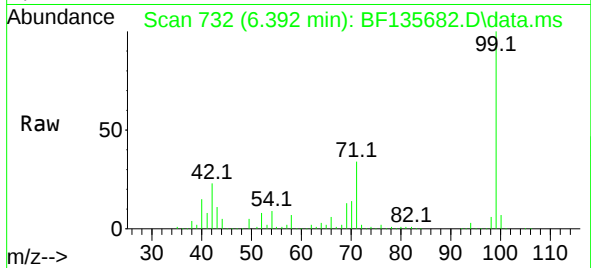
Tgt Ion: 99 Resp: 564599

Ion Ratio Lower Upper

99 100

42 22.5 17.9 26.9

71 33.7 27.0 40.6



#8

2-Chlorophenol

Concen: 40.768 ng

RT: 6.528 min Scan# 755

Delta R.T. -0.006 min

Lab File: BF135682.D

Acq: 10 Oct 2023 13:50

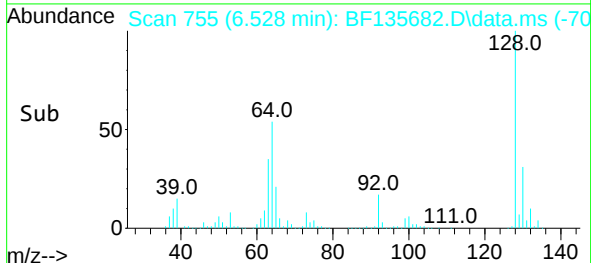
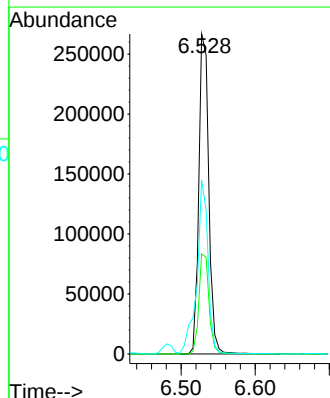
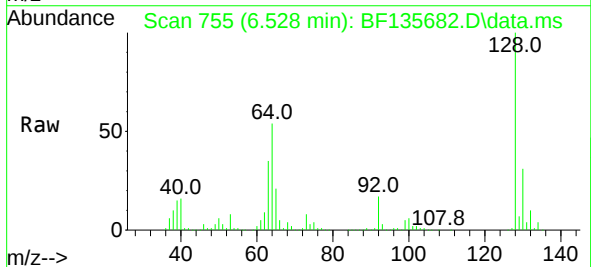
Tgt Ion:128 Resp: 247863

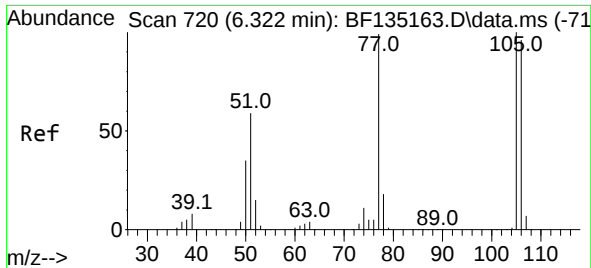
Ion Ratio Lower Upper

128 100

130 31.3 12.7 52.7

64 54.2 35.9 75.9





#9

Benzaldehyde

Concen: 36.263 ng

RT: 6.298 min Scan# 716

Delta R.T. -0.000 min

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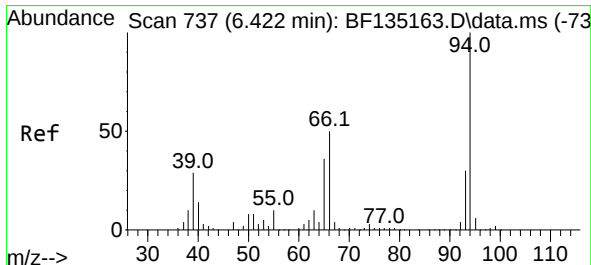
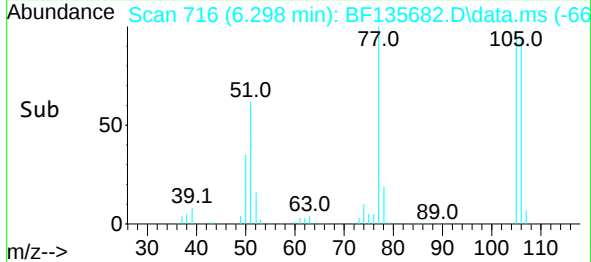
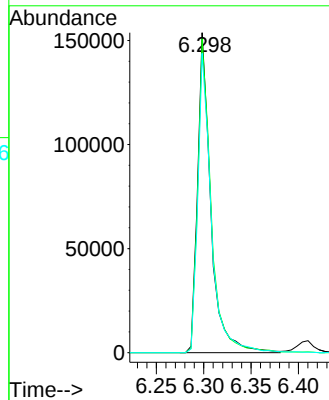
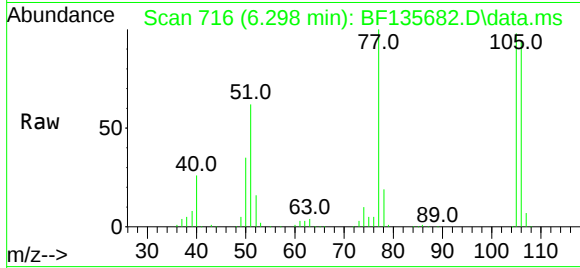
Tgt Ion: 77 Resp: 149607

Ion Ratio Lower Upper

77 100

105 98.1 81.4 121.4

106 93.5 76.9 116.9



#10

Phenol

Concen: 38.308 ng

RT: 6.404 min Scan# 734

Delta R.T. 0.000 min

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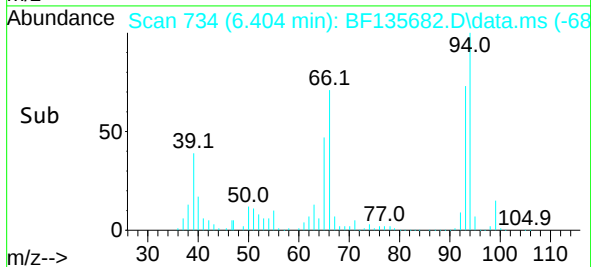
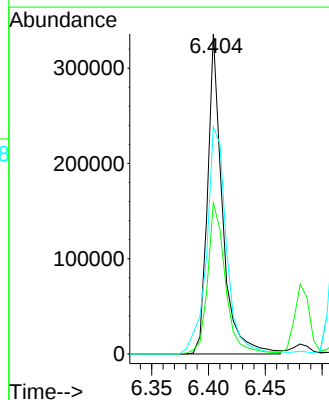
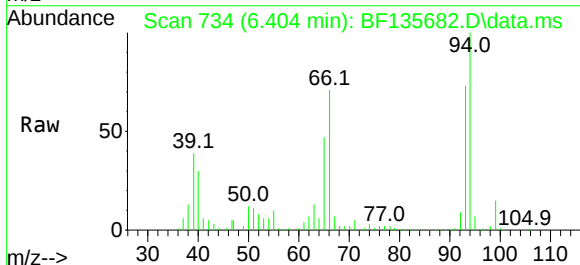
Tgt Ion: 94 Resp: 304215

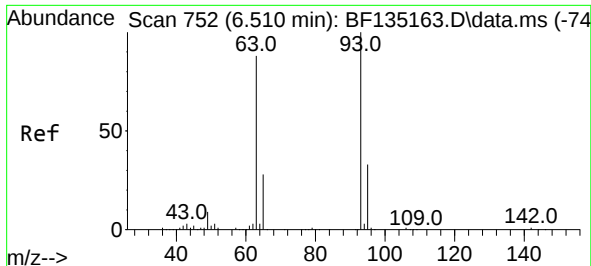
Ion Ratio Lower Upper

94 100

65 47.3 15.9 55.9

66 70.9 29.8 69.8#

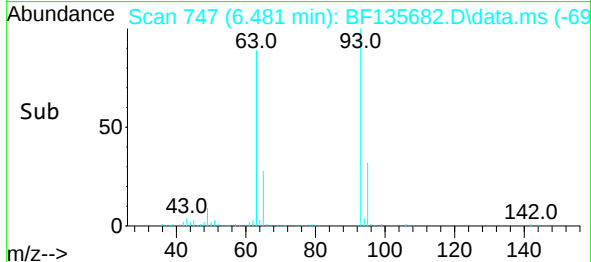
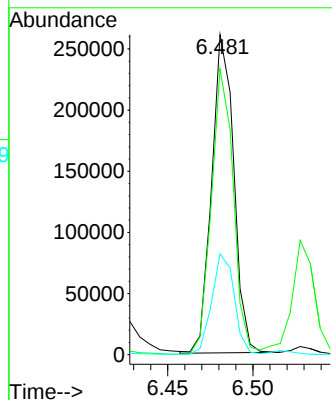
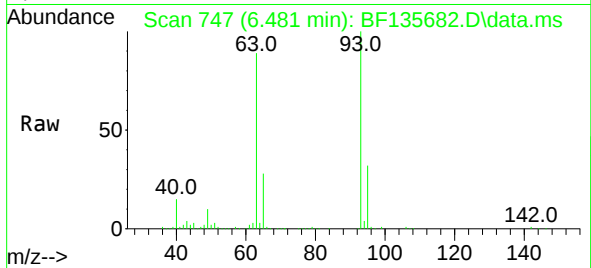




#11
bis(2-Chloroethyl)ether
Concen: 39.361 ng
RT: 6.481 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF135682.D
Acq: 10 Oct 2023 13:50

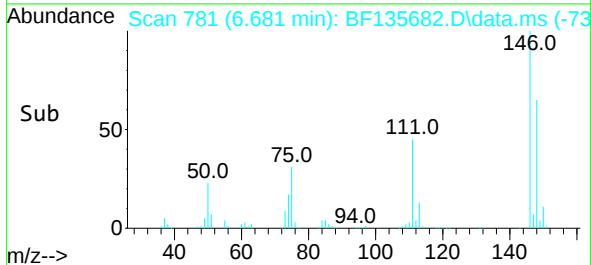
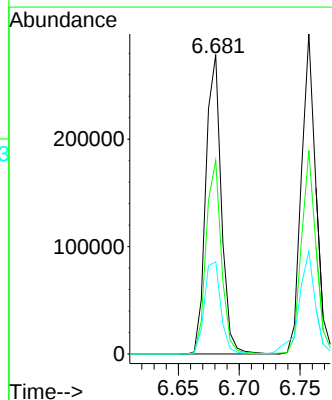
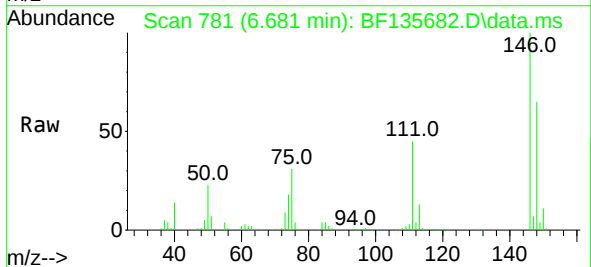
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

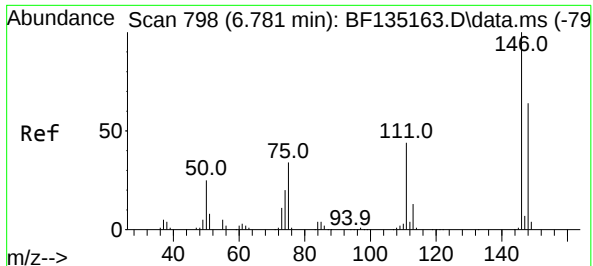
Tgt Ion: 93 Resp: 234463
Ion Ratio Lower Upper
93 100
63 89.3 67.3 107.3
95 31.5 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 39.676 ng
RT: 6.681 min Scan# 781
Delta R.T. 0.000 min
Lab File: BF135682.D
Acq: 10 Oct 2023 13:50

Tgt Ion:146 Resp: 245154
Ion Ratio Lower Upper
146 100
148 64.8 51.3 76.9
75 30.8 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 39.679 ng

RT: 6.757 min Scan# 798

Delta R.T. 0.000 min

Lab File: BF135682.D

Acq: 10 Oct 2023 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

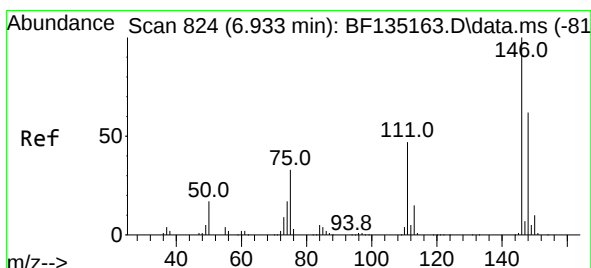
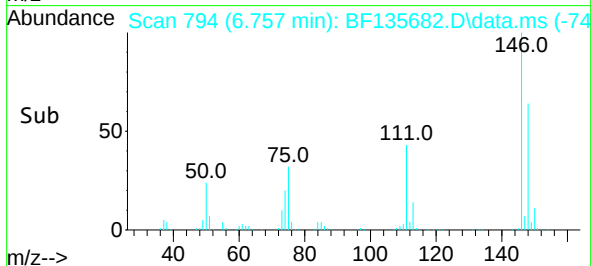
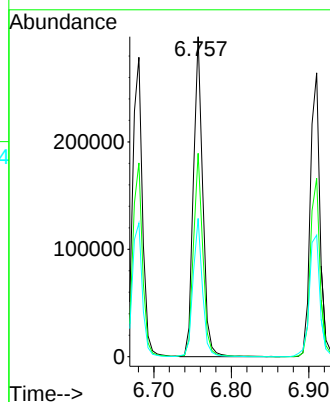
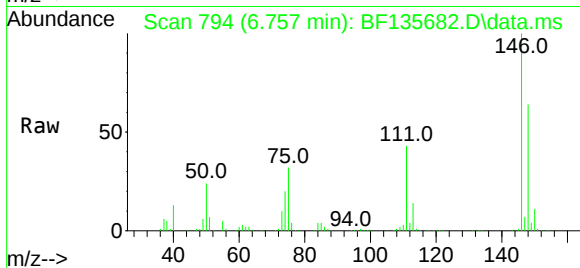
Tgt Ion:146 Resp: 249443

Ion Ratio Lower Upper

146 100

148 63.6 51.3 76.9

111 43.2 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 39.186 ng

RT: 6.910 min Scan# 820

Delta R.T. 0.000 min

Lab File: BF135682.D

Acq: 10 Oct 2023 13:50

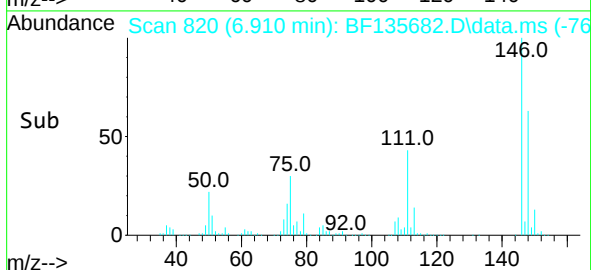
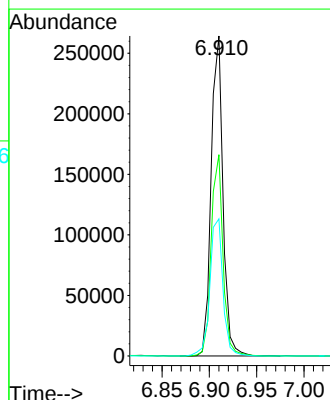
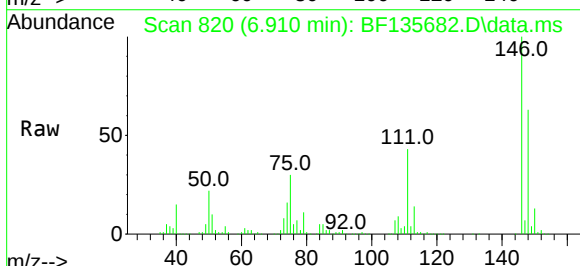
Tgt Ion:146 Resp: 228766

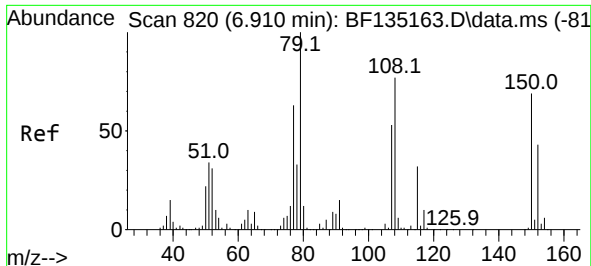
Ion Ratio Lower Upper

146 100

148 62.9 49.7 74.5

111 42.8 37.4 56.2

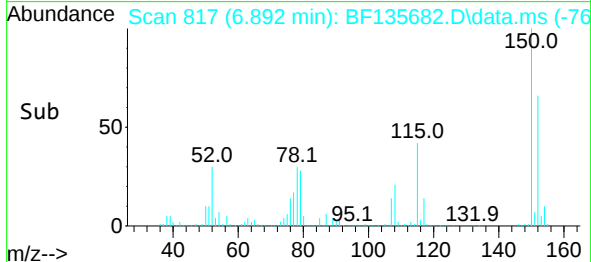
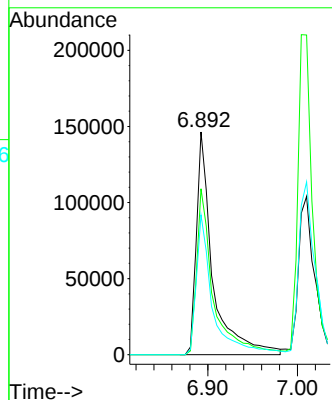
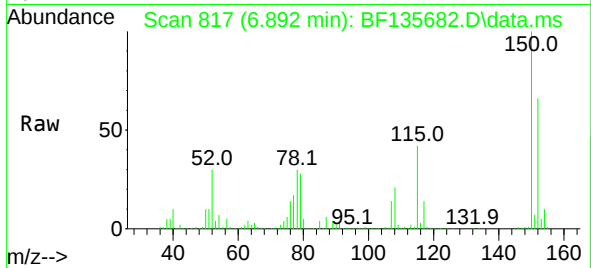




#15
Benzyl Alcohol
Concen: 35.748 ng
RT: 6.892 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135682.D
Acq: 10 Oct 2023 13:50

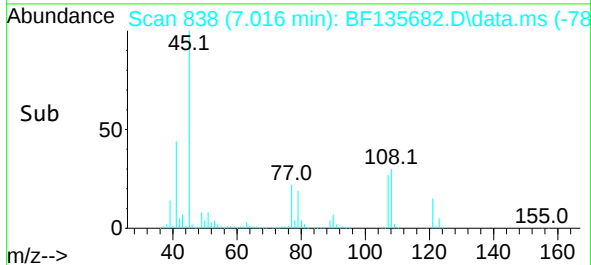
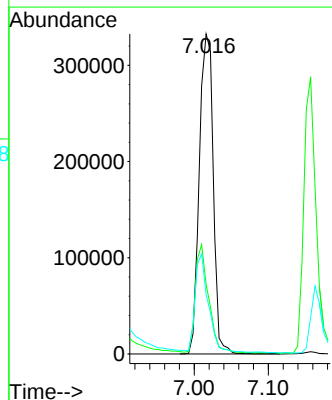
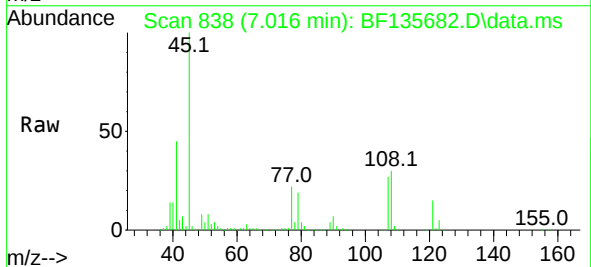
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

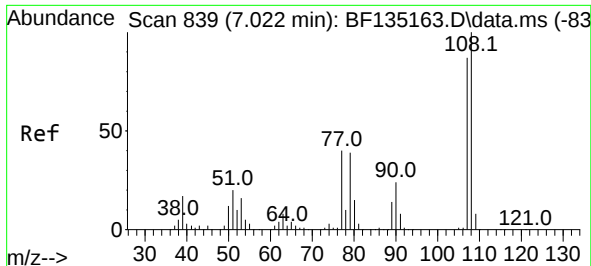
Tgt Ion: 79 Resp: 185776
Ion Ratio Lower Upper
79 100
108 74.5 61.2 91.8
77 62.8 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.577 ng
RT: 7.016 min Scan# 838
Delta R.T. -0.000 min
Lab File: BF135682.D
Acq: 10 Oct 2023 13:50

Tgt Ion: 45 Resp: 433145
Ion Ratio Lower Upper
45 100
77 21.7 0.0 30.6
79 18.5 0.0 28.3

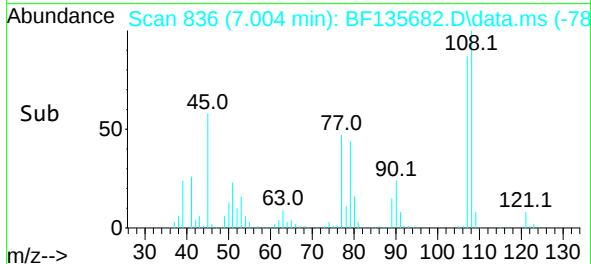
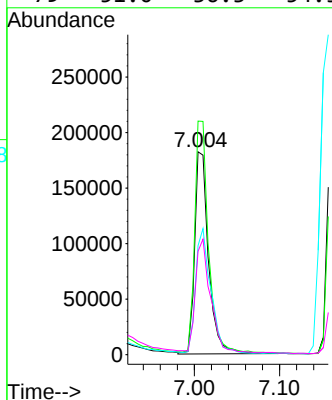
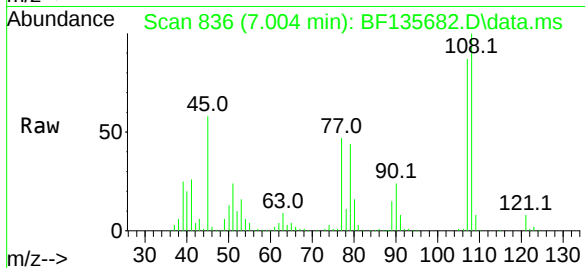




#17
2-Methylphenol
Concen: 38.485 ng
RT: 7.004 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF135682.D
Acq: 10 Oct 2023 13:50

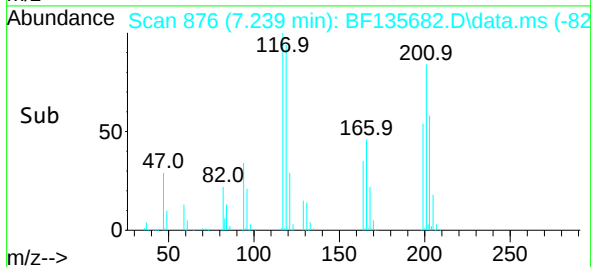
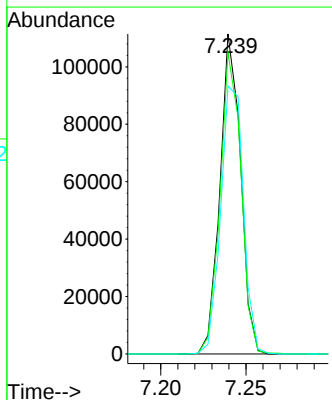
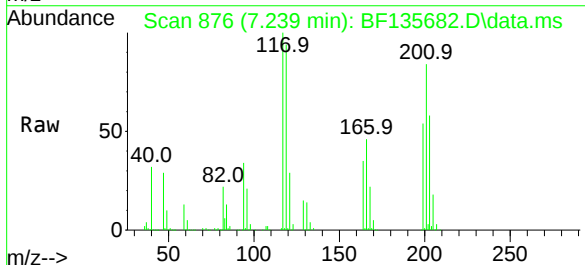
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 206480
Ion Ratio Lower Upper
107 100
108 115.1 92.0 138.0
77 53.8 36.7 55.1
79 51.0 36.3 54.5



#18
Hexachloroethane
Concen: 40.415 ng
RT: 7.239 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF135682.D
Acq: 10 Oct 2023 13:50

Tgt Ion:117 Resp: 93875
Ion Ratio Lower Upper
117 100
119 94.2 74.7 112.1
201 83.8 81.8 122.8





#19

n-Nitroso-di-n-propylamine

Concen: 38.285 ng

RT: 7.157 min Scan# 8

Delta R.T. -0.000 min

Lab File: BF135682.D

Acq: 10 Oct 2023 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 171736

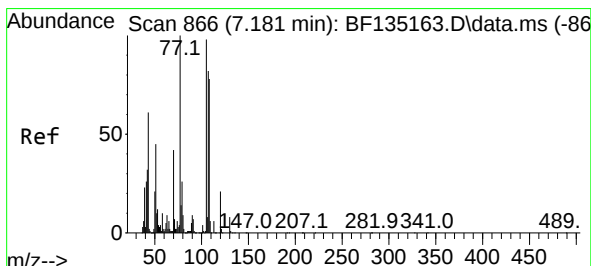
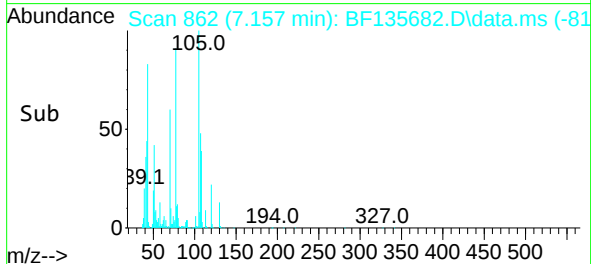
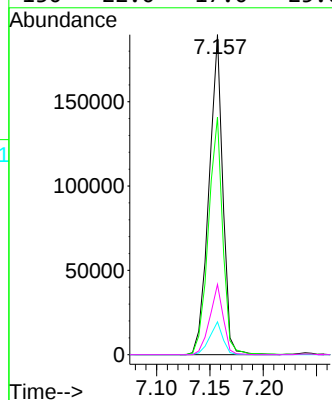
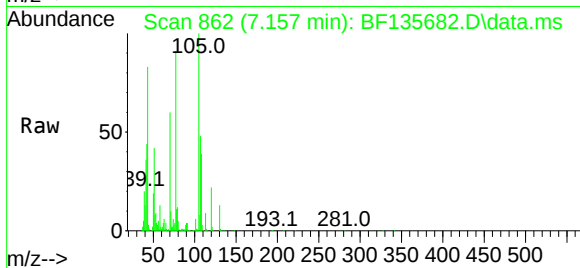
Ion Ratio Lower Upper

70 100

42 74.3 55.4 83.0

101 10.2 7.7 11.5

130 22.0 17.0 25.6



#20

3+4-Methylphenols

Concen: 40.597 ng

RT: 7.163 min Scan# 863

Delta R.T. -0.000 min

Lab File: BF135682.D

Acq: 10 Oct 2023 13:50

Tgt Ion: 107 Resp: 261913

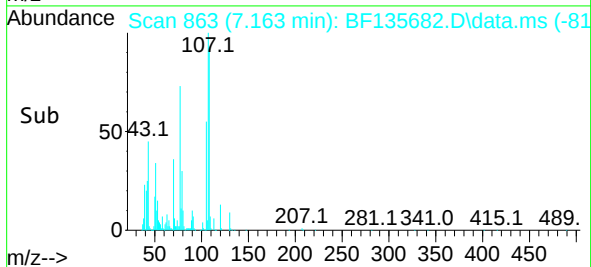
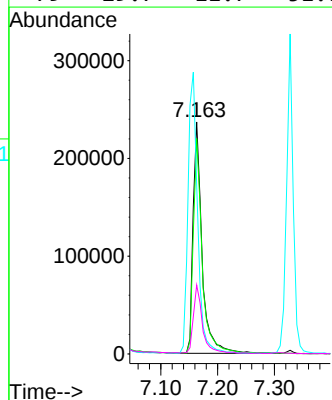
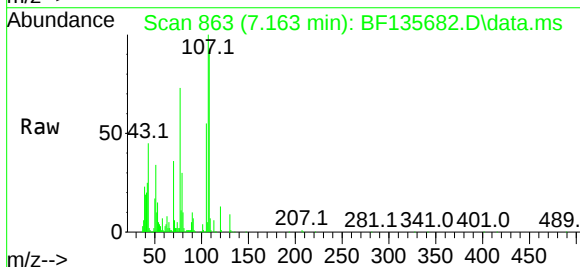
Ion Ratio Lower Upper

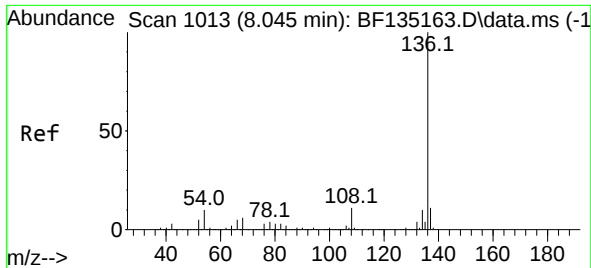
107 100

108 92.9 74.7 114.7

77 72.8 102.0 142.0#

79 29.7 11.7 51.7

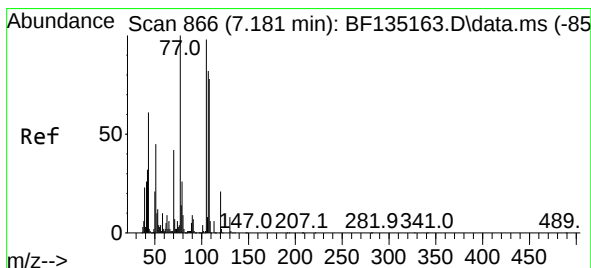
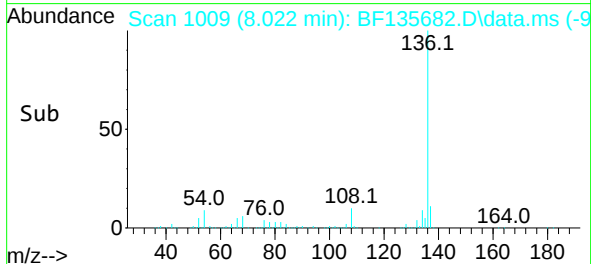
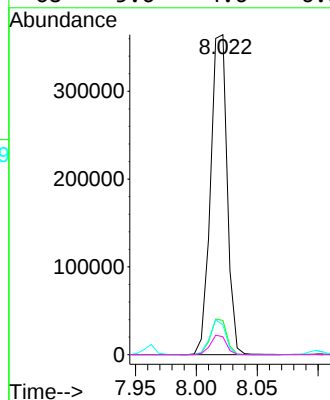
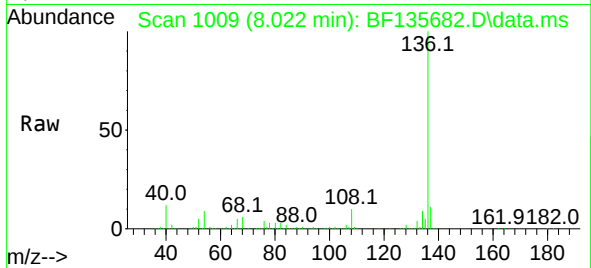




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF135682.D
Acq: 10 Oct 2023 13:50

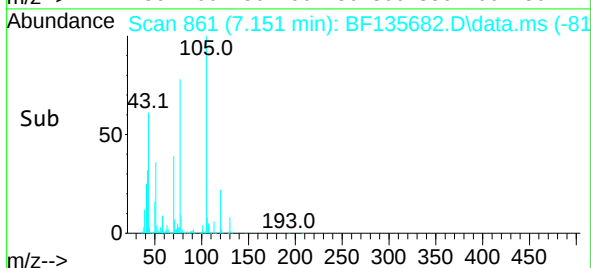
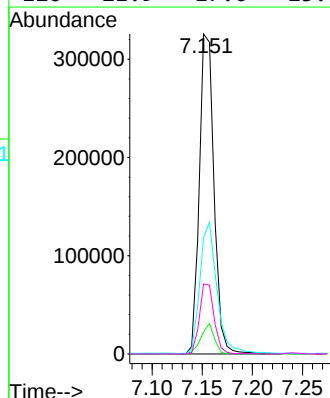
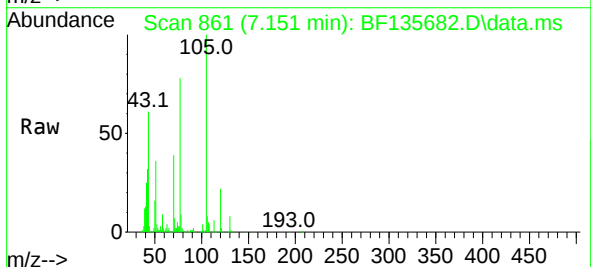
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	136	Resp:	346674
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.8	13.2
54	9.2	7.7	11.5
68	5.6	4.6	6.8



#22
Acetophenone
Concen: 42.032 ng
RT: 7.151 min Scan# 861
Delta R.T. -0.006 min
Lab File: BF135682.D
Acq: 10 Oct 2023 13:50

Tgt Ion:	105	Resp:	333136
Ion Ratio	Lower	Upper	
105	100		
71	6.9	5.8	8.6
51	36.4	37.0	55.4#
120	21.9	17.0	25.6





#23

Nitrobenzene-d5

Concen: 83.680 ng

RT: 7.310 min Scan# 892

Delta R.T. -0.000 min

Lab File: BF135682.D

Acq: 10 Oct 2023 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

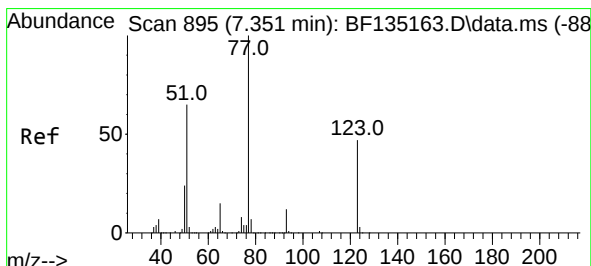
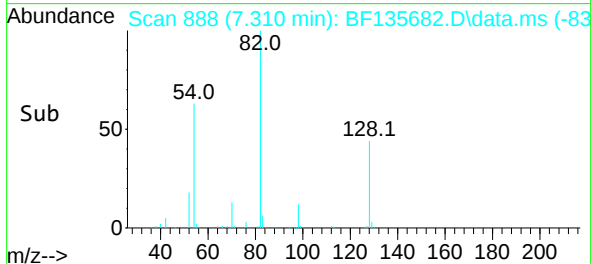
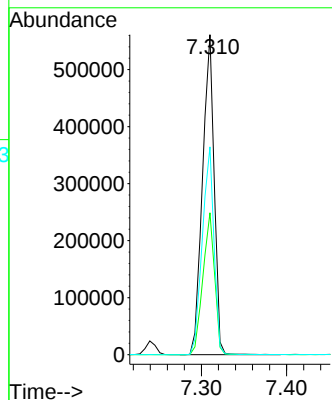
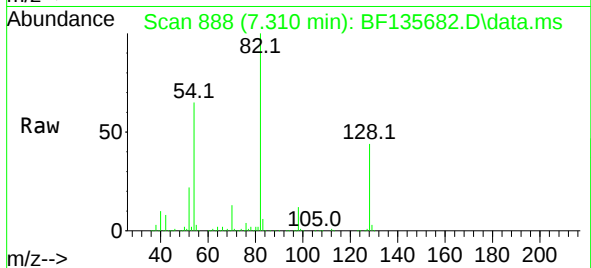
Tgt Ion: 82 Resp: 533957

Ion Ratio Lower Upper

82 100

128 44.3 35.8 53.6

54 65.0 50.6 76.0



#24

Nitrobenzene

Concen: 42.297 ng

RT: 7.328 min Scan# 891

Delta R.T. 0.000 min

Lab File: BF135682.D

Acq: 10 Oct 2023 13:50

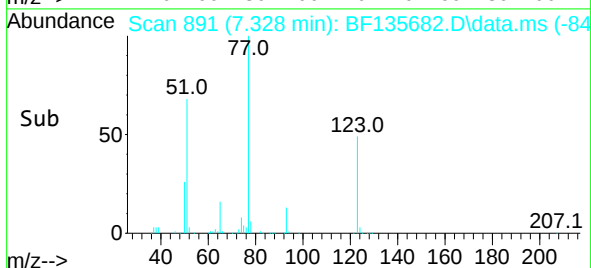
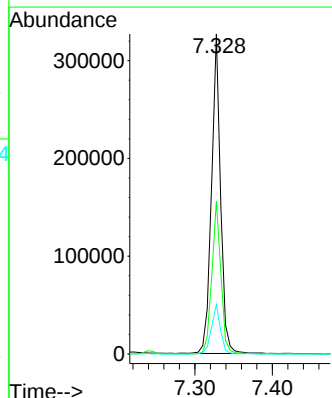
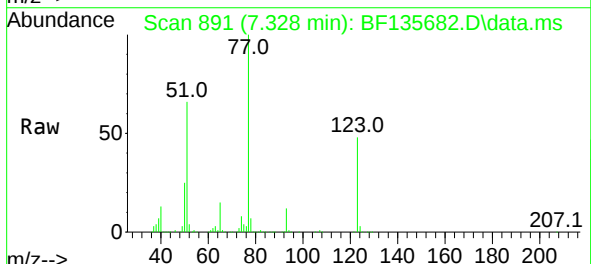
Tgt Ion: 77 Resp: 266761

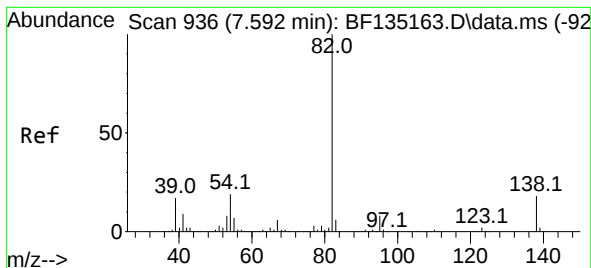
Ion Ratio Lower Upper

77 100

123 47.8 37.6 56.4

65 15.5 12.2 18.4





#25

Isophorone

Concen: 41.054 ng

RT: 7.563 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF135682.D

Acq: 10 Oct 2023 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

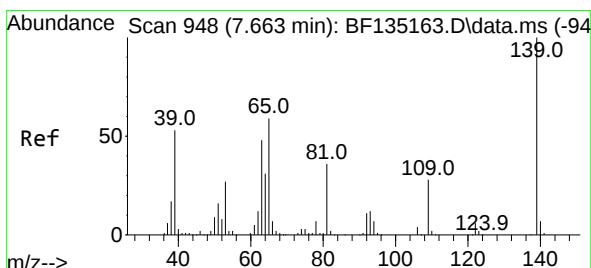
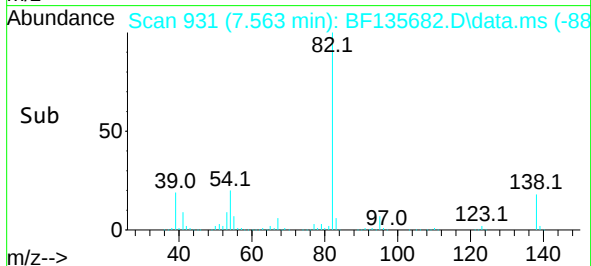
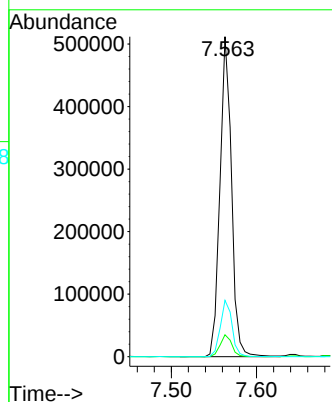
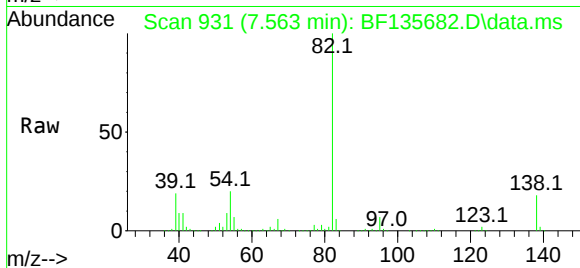
Tgt Ion: 82 Resp: 481038

Ion Ratio Lower Upper

82 100

95 6.9 6.0 9.0

138 17.6 14.5 21.7



#26

2-Nitrophenol

Concen: 43.010 ng

RT: 7.645 min Scan# 945

Delta R.T. 0.000 min

Lab File: BF135682.D

Acq: 10 Oct 2023 13:50

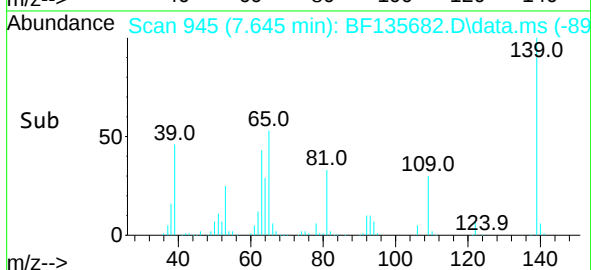
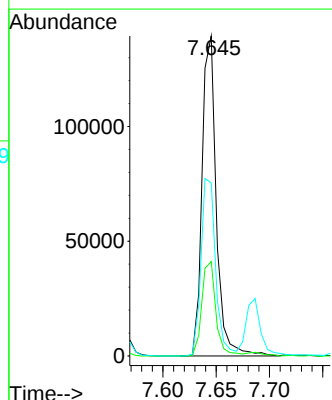
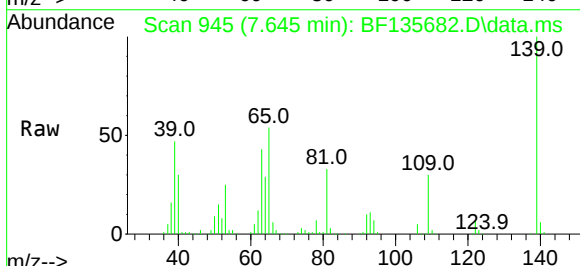
Tgt Ion:139 Resp: 130190

Ion Ratio Lower Upper

139 100

109 29.5 22.6 33.8

65 54.1 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 41.705 ng

RT: 7.686 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF135682.D

Acq: 10 Oct 2023 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

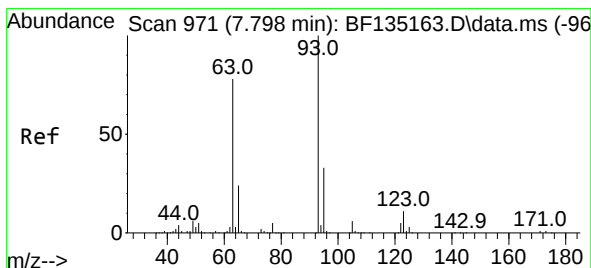
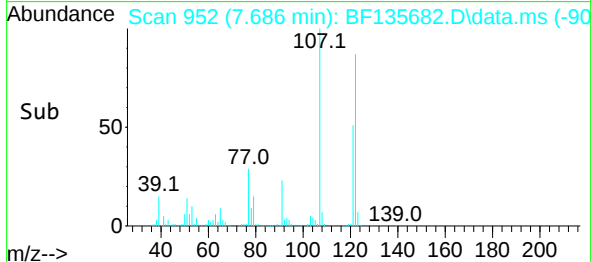
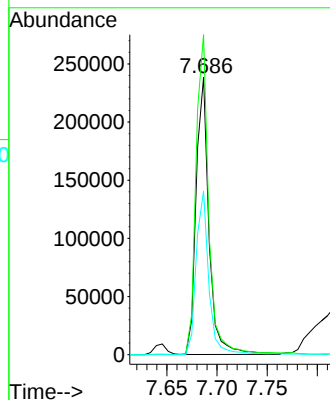
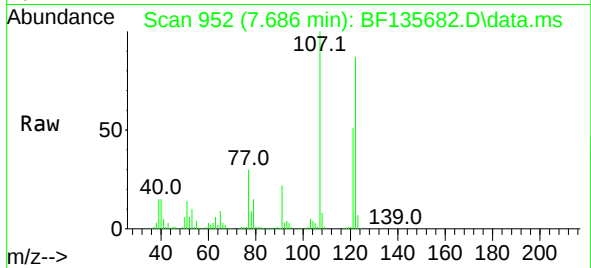
Tgt Ion:122 Resp: 212196

Ion Ratio Lower Upper

122 100

107 115.4 90.2 135.4

121 59.0 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 42.032 ng

RT: 7.775 min Scan# 967

Delta R.T. 0.000 min

Lab File: BF135682.D

Acq: 10 Oct 2023 13:50

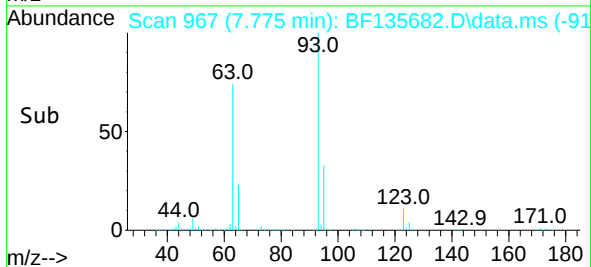
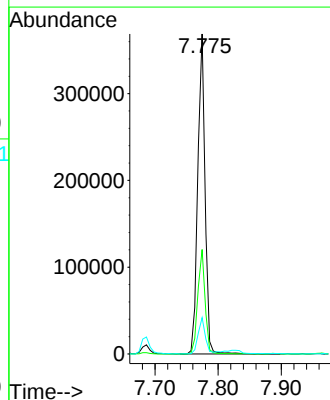
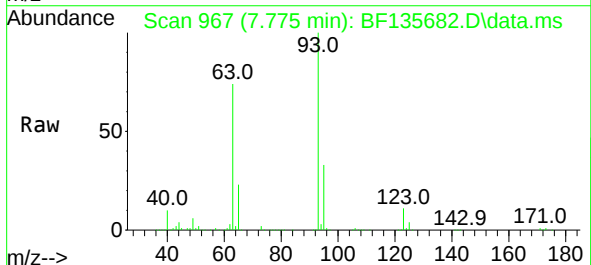
Tgt Ion: 93 Resp: 294776

Ion Ratio Lower Upper

93 100

95 32.7 26.2 39.2

123 11.4 8.8 13.2

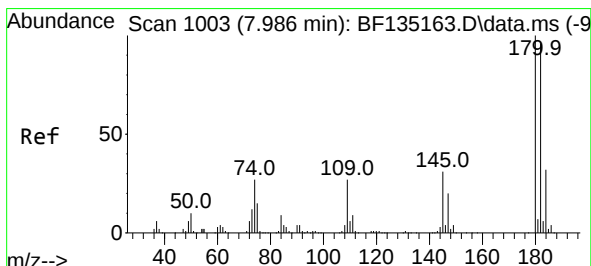
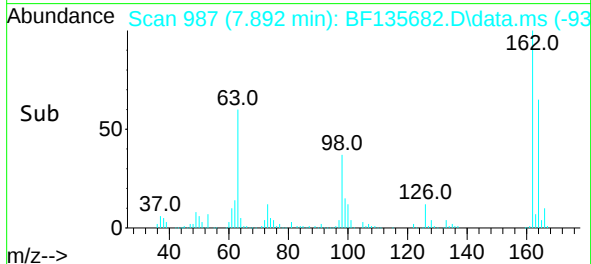
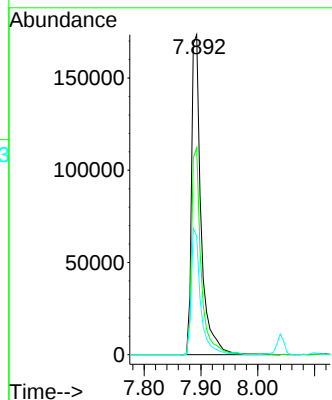
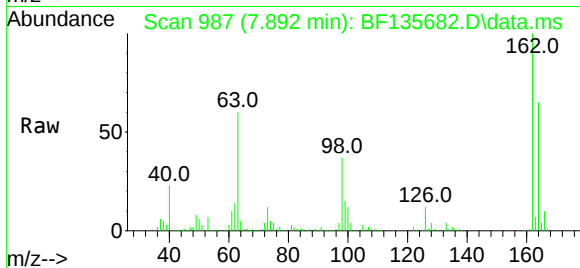




#29
2,4-Dichlorophenol
Concen: 43.024 ng
RT: 7.892 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF135682.D
Acq: 10 Oct 2023 13:50

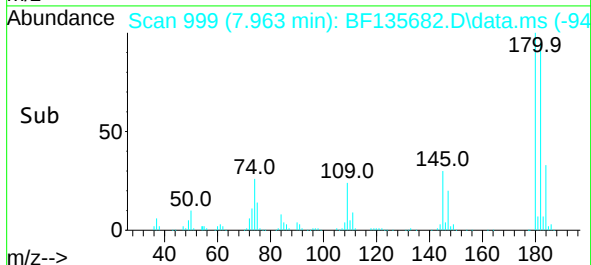
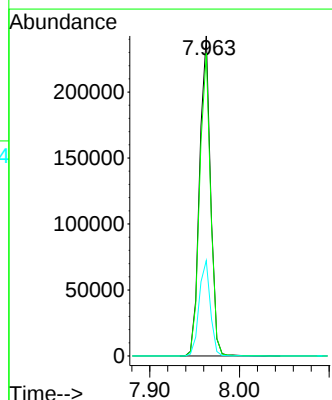
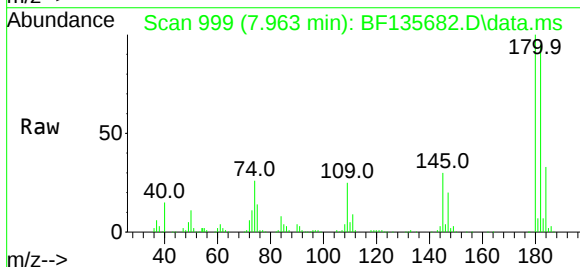
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

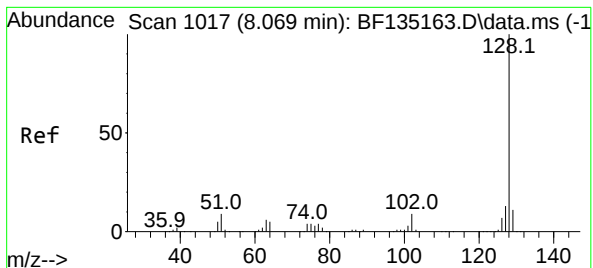
Tgt Ion:162 Resp: 202842
Ion Ratio Lower Upper
162 100
164 64.7 44.1 84.1
98 37.1 20.3 60.3



#30
1,2,4-Trichlorobenzene
Concen: 41.661 ng
RT: 7.963 min Scan# 999
Delta R.T. -0.000 min
Lab File: BF135682.D
Acq: 10 Oct 2023 13:50

Tgt Ion:180 Resp: 205300
Ion Ratio Lower Upper
180 100
182 94.5 76.9 115.3
145 29.8 24.5 36.7





#31

Naphthalene

Concen: 41.729 ng

RT: 8.039 min Scan# 1017

Delta R.T. 0.000 min

Lab File: BF135682.D

Acq: 10 Oct 2023 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

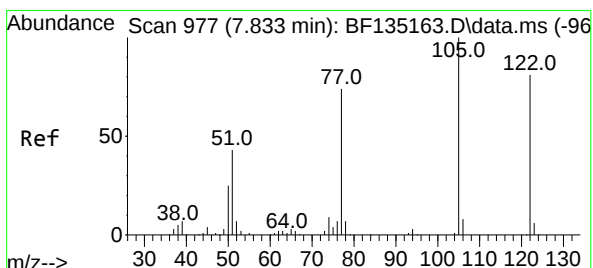
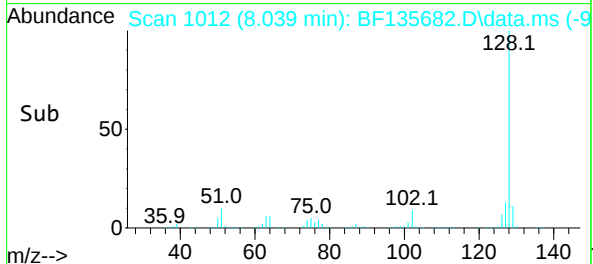
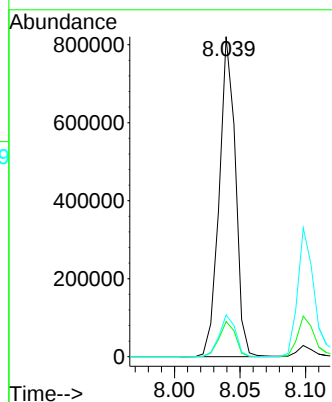
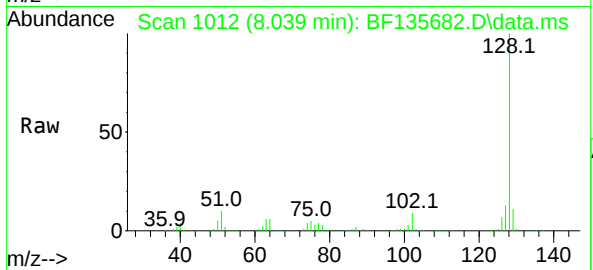
Tgt Ion:128 Resp: 702878

Ion Ratio Lower Upper

128 100

129 11.0 8.7 13.1

127 13.0 10.7 16.1



#32

Benzoic acid

Concen: 35.100 ng

RT: 7.828 min Scan# 976

Delta R.T. -0.006 min

Lab File: BF135682.D

Acq: 10 Oct 2023 13:50

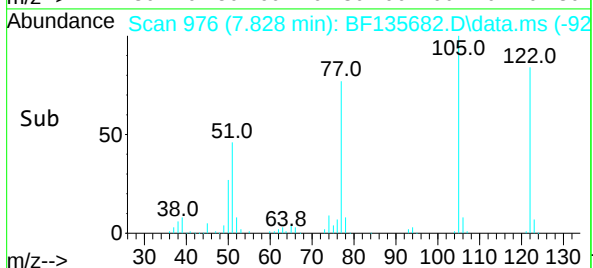
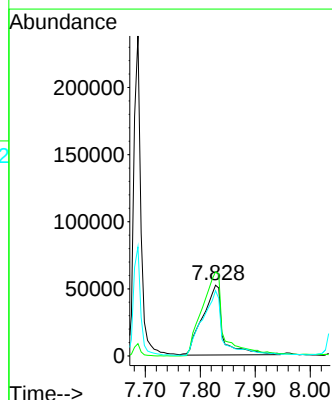
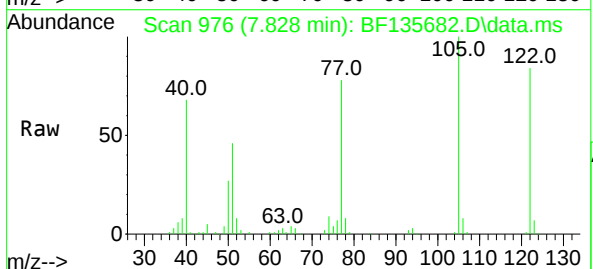
Tgt Ion:122 Resp: 134477

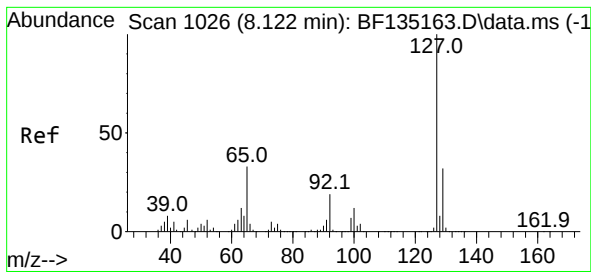
Ion Ratio Lower Upper

122 100

105 119.2 99.9 139.9

77 92.5 70.0 110.0





#33

4-Chloroaniline

Concen: 41.684 ng

RT: 8.098 min Scan# 1022

Delta R.T. -0.000 min

Lab File: BF135682.D

Acq: 10 Oct 2023 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 308052

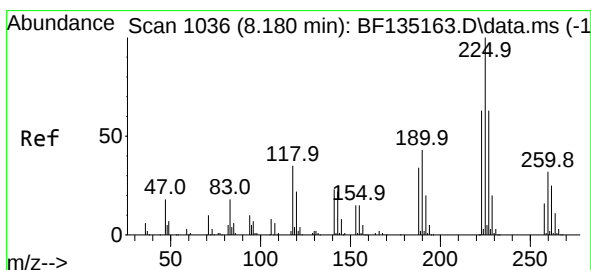
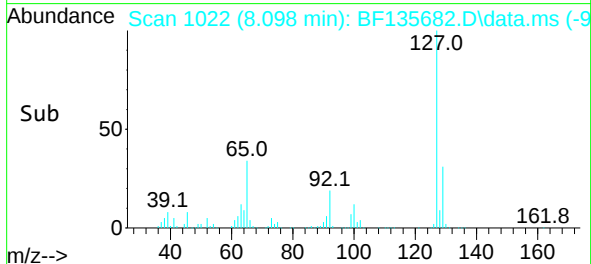
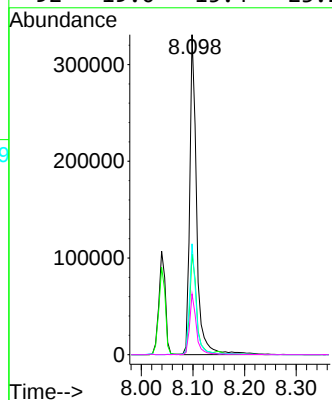
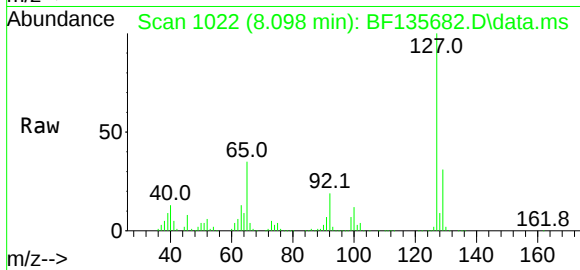
Ion Ratio Lower Upper

127 100

129 31.5 25.8 38.8

65 34.7 26.6 39.8

92 19.0 15.4 23.2



#34

Hexachlorobutadiene

Concen: 41.870 ng

RT: 8.151 min Scan# 1031

Delta R.T. 0.000 min

Lab File: BF135682.D

Acq: 10 Oct 2023 13:50

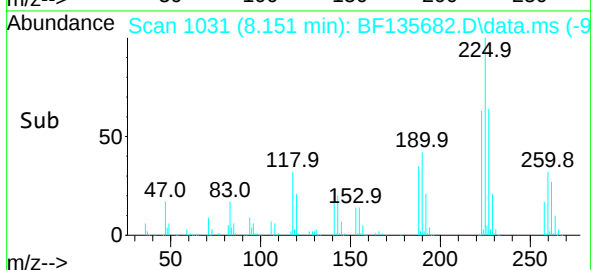
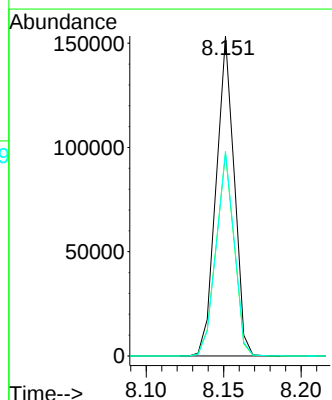
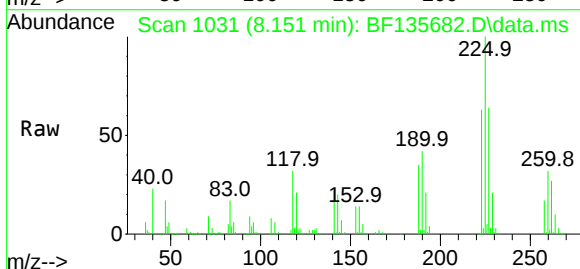
Tgt Ion:225 Resp: 124412

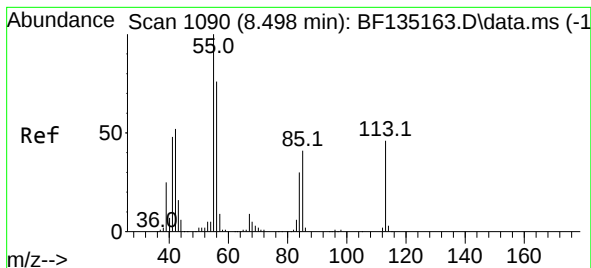
Ion Ratio Lower Upper

225 100

223 63.4 50.6 75.8

227 63.9 50.8 76.2





#35

Caprolactam

Concen: 43.059 ng

RT: 8.475 min Scan# 1106

Delta R.T. -0.006 min

Lab File: BF135682.D

Acq: 10 Oct 2023 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

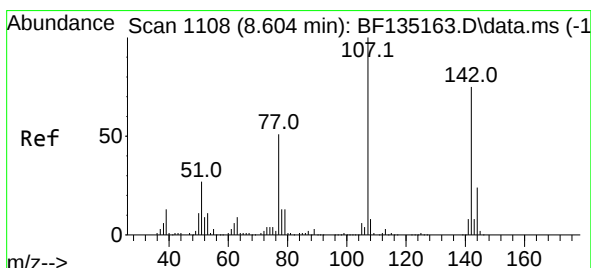
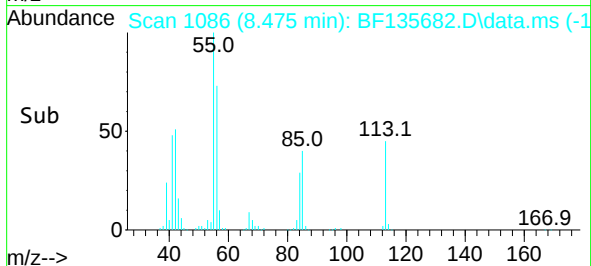
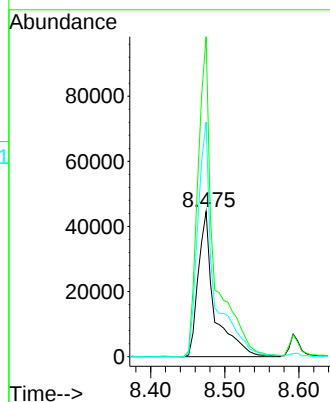
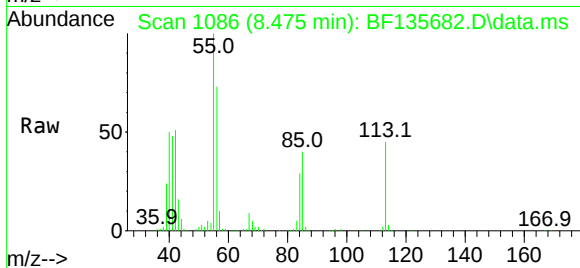
Tgt Ion:113 Resp: 68133

Ion Ratio Lower Upper

113 100

55 220.4 199.3 239.3

56 161.7 146.3 186.3



#36

4-Chloro-3-methylphenol

Concen: 41.400 ng

RT: 8.592 min Scan# 1106

Delta R.T. -0.000 min

Lab File: BF135682.D

Acq: 10 Oct 2023 13:50

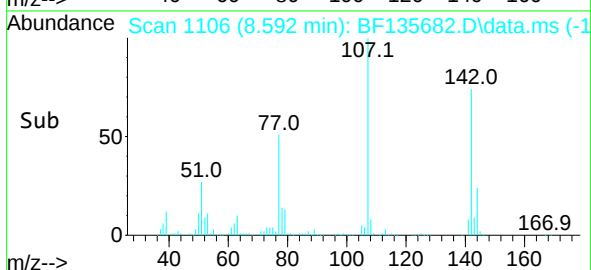
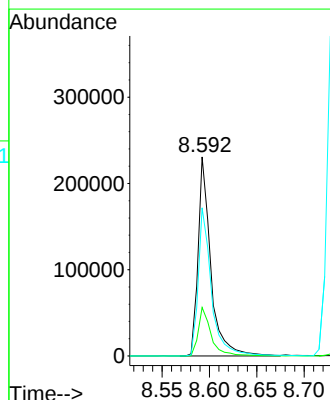
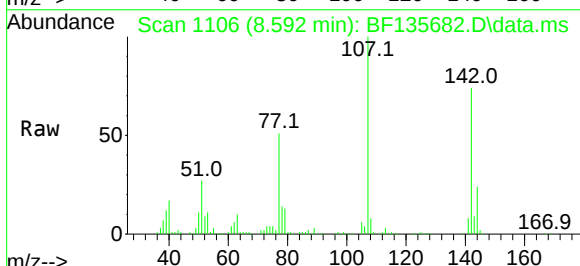
Tgt Ion:107 Resp: 216932

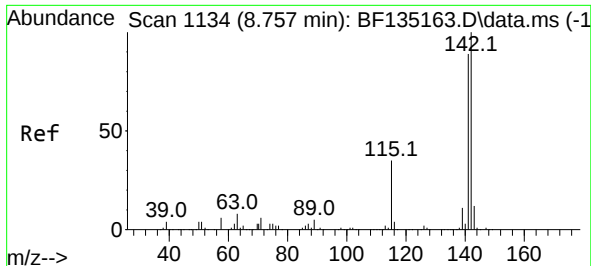
Ion Ratio Lower Upper

107 100

144 24.4 19.0 28.4

142 74.4 60.2 90.2





#37

2-Methylnaphthalene

Concen: 41.326 ng

RT: 8.733 min Scan# 1134

Delta R.T. 0.000 min

Lab File: BF135682.D

Acq: 10 Oct 2023 13:50

Instrument :

BNA_F

ClientSampleId :

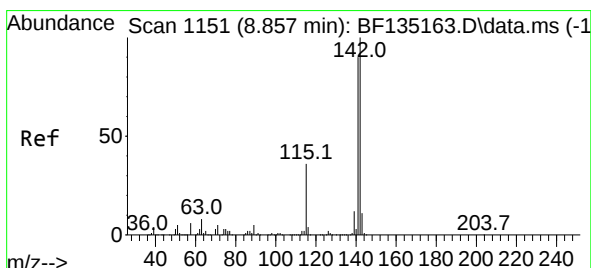
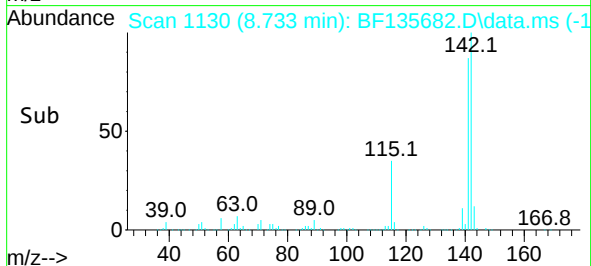
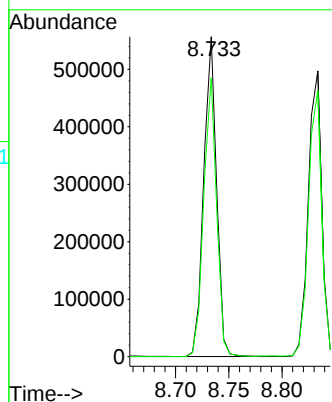
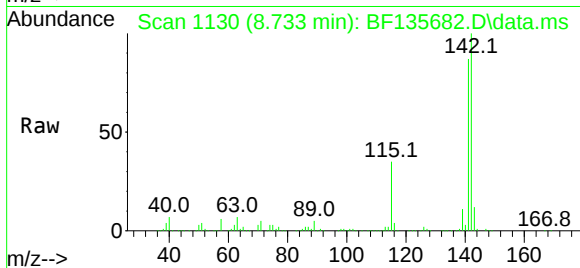
SSTDCCC040

Tgt Ion:142 Resp: 467909

Ion Ratio Lower Upper

142 100

141 87.2 71.0 106.6



#38

1-Methylnaphthalene

Concen: 40.950 ng

RT: 8.833 min Scan# 1147

Delta R.T. 0.000 min

Lab File: BF135682.D

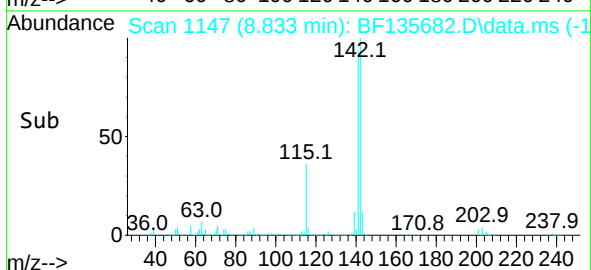
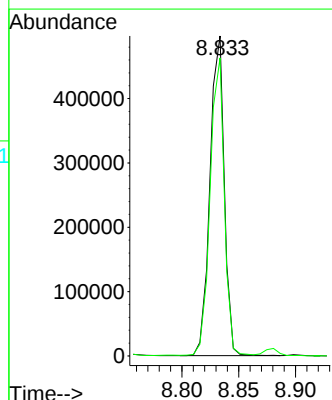
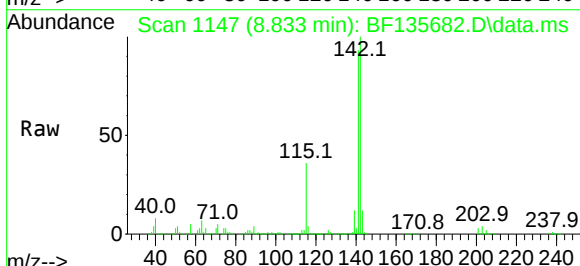
Acq: 10 Oct 2023 13:50

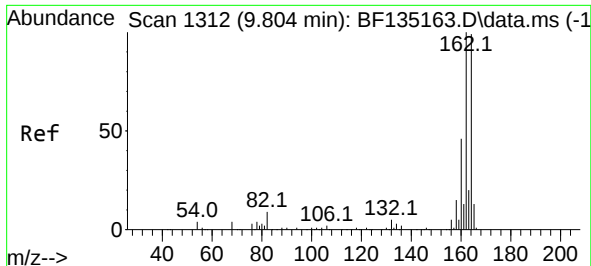
Tgt Ion:142 Resp: 434083

Ion Ratio Lower Upper

142 100

141 93.2 72.4 108.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135682.D

Acq: 10 Oct 2023 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

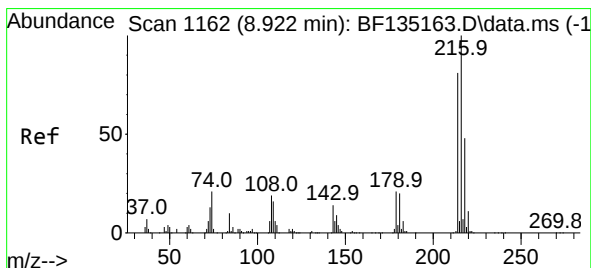
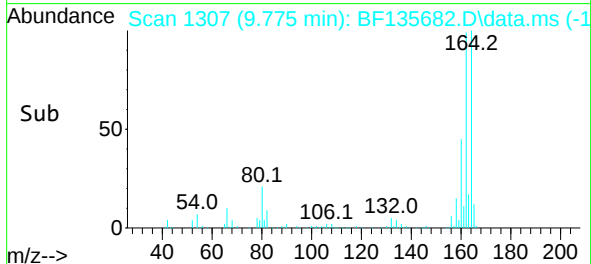
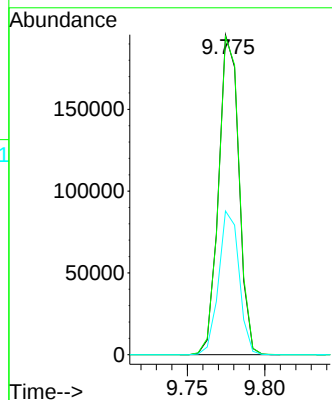
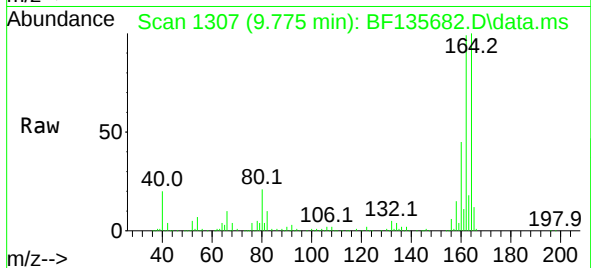
Tgt Ion:164 Resp: 177960

Ion Ratio Lower Upper

164 100

162 99.4 81.0 121.4

160 44.9 37.0 55.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.892 ng

RT: 8.898 min Scan# 1158

Delta R.T. -0.006 min

Lab File: BF135682.D

Acq: 10 Oct 2023 13:50

Tgt Ion:216 Resp: 215980

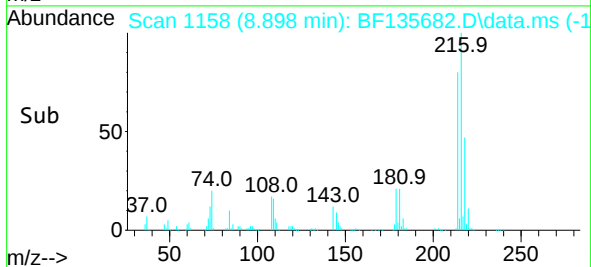
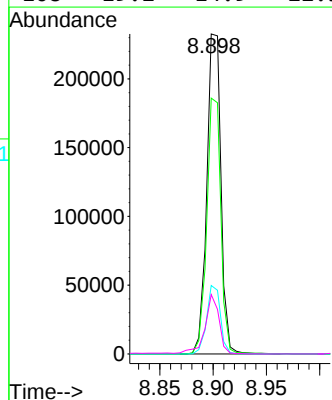
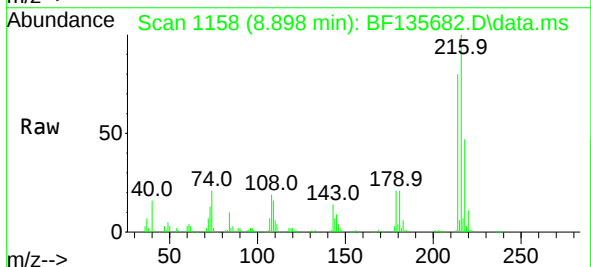
Ion Ratio Lower Upper

216 100

214 79.5 63.7 95.5

179 20.8 16.7 25.1

108 19.2 14.9 22.3

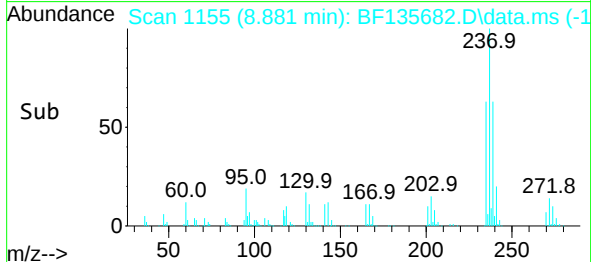
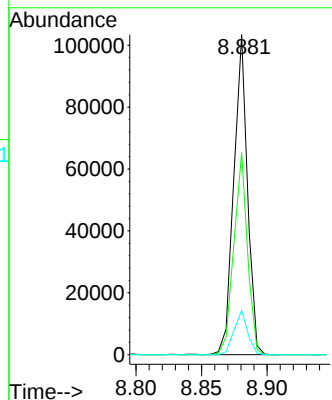
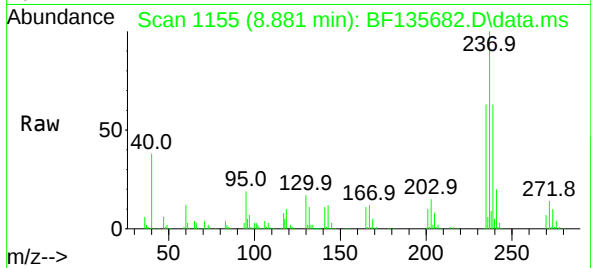




#41
Hexachlorocyclopentadiene
Concen: 37.486 ng
RT: 8.881 min Scan# 1155
Delta R.T. -0.000 min
Lab File: BF135682.D
Acq: 10 Oct 2023 13:50

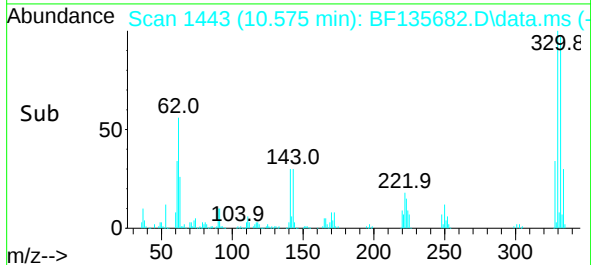
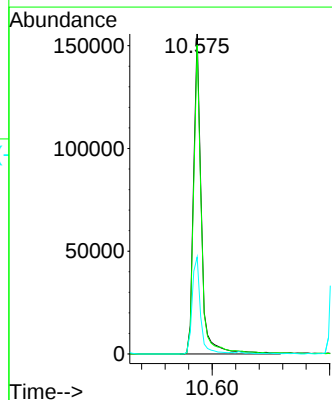
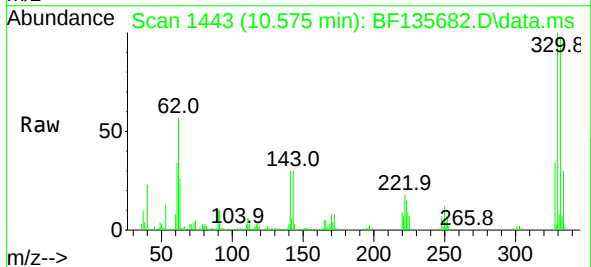
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

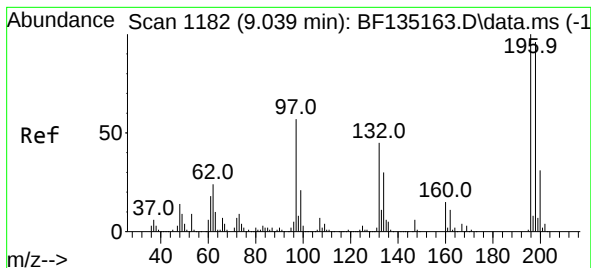
Tgt Ion:237 Resp: 75337
Ion Ratio Lower Upper
237 100
235 63.1 41.8 81.8
272 13.9 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 80.906 ng
RT: 10.575 min Scan# 1443
Delta R.T. 0.000 min
Lab File: BF135682.D
Acq: 10 Oct 2023 13:50

Tgt Ion:330 Resp: 143081
Ion Ratio Lower Upper
330 100
332 95.5 77.3 115.9
141 32.3 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 39.234 ng

RT: 9.022 min Scan# 1182

Delta R.T. 0.000 min

Lab File: BF135682.D

Acq: 10 Oct 2023 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

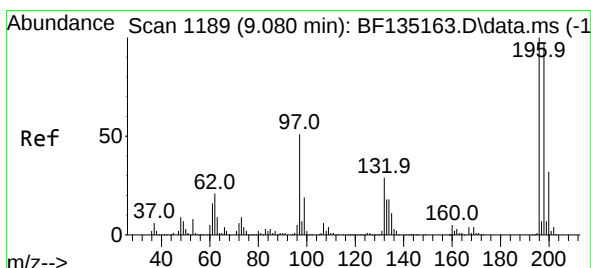
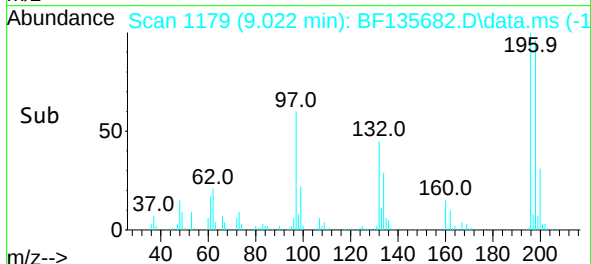
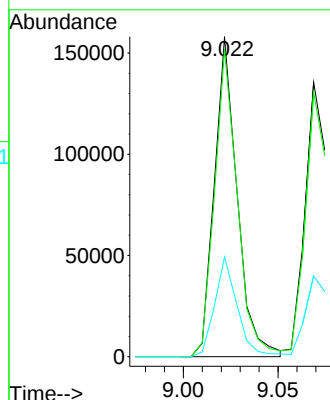
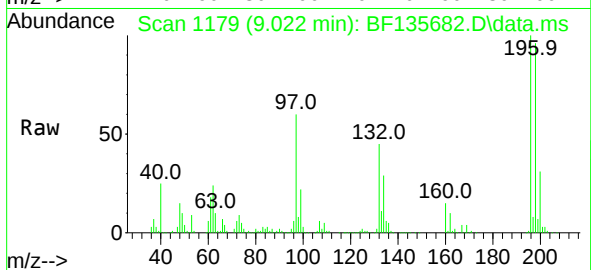
Tgt Ion:196 Resp: 132440

Ion Ratio Lower Upper

196 100

198 96.1 77.0 115.6

200 31.1 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 39.730 ng

RT: 9.069 min Scan# 1187

Delta R.T. 0.000 min

Lab File: BF135682.D

Acq: 10 Oct 2023 13:50

Tgt Ion:196 Resp: 154446

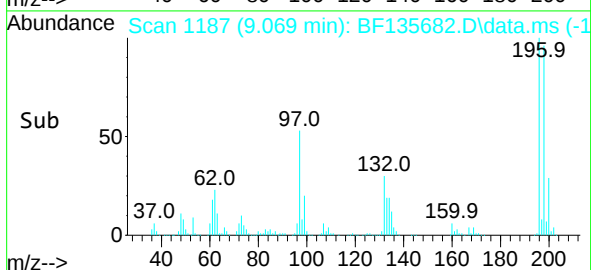
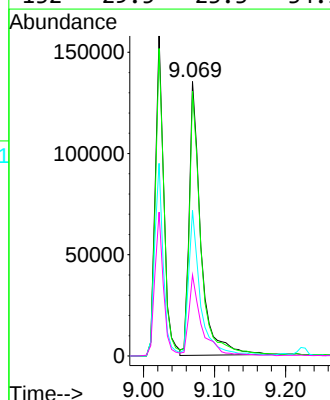
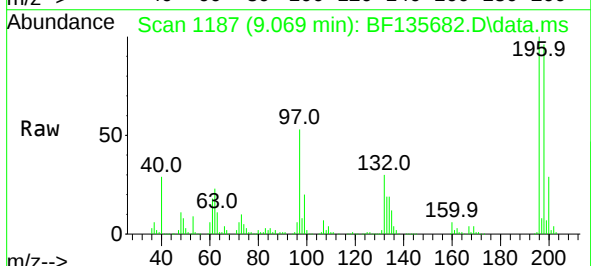
Ion Ratio Lower Upper

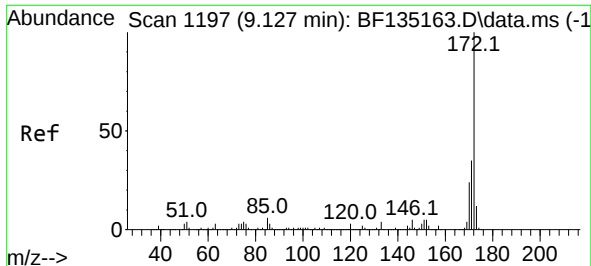
196 100

198 96.4 77.5 116.3

97 53.0 40.5 60.7

132 29.5 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 82.238 ng

RT: 9.098 min Scan# 1197

Delta R.T. -0.000 min

Lab File: BF135682.D

Acq: 10 Oct 2023 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

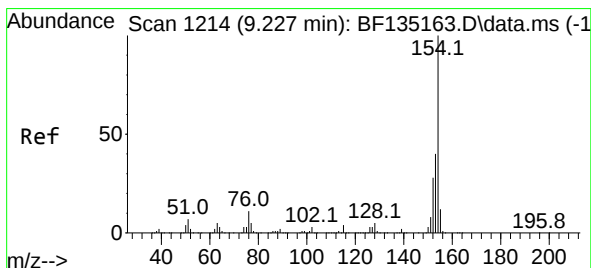
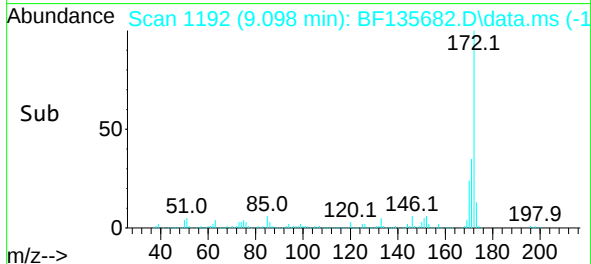
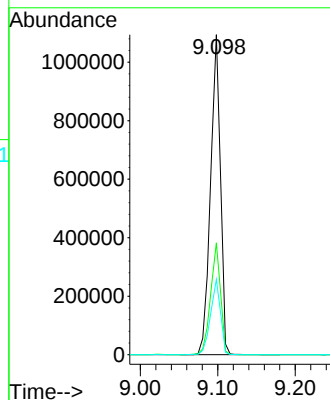
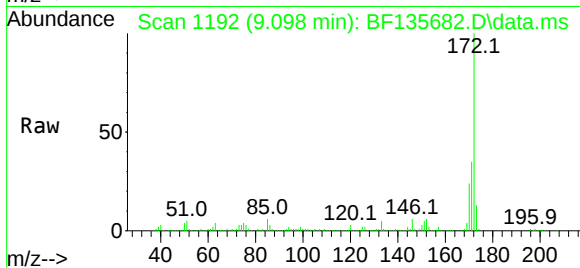
Tgt Ion:172 Resp: 970037

Ion Ratio Lower Upper

172 100

171 34.9 28.4 42.6

170 23.5 19.0 28.4



#46

1,1'-Biphenyl

Concen: 42.078 ng

RT: 9.198 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BF135682.D

Acq: 10 Oct 2023 13:50

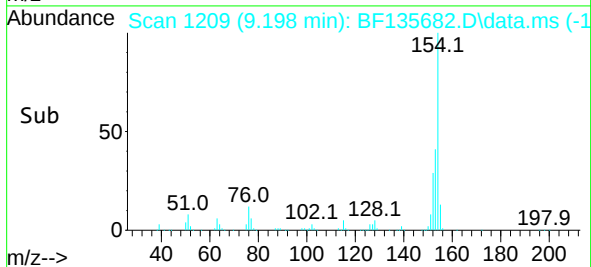
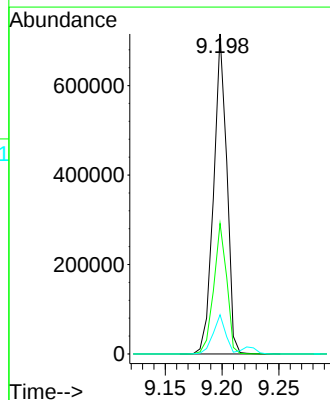
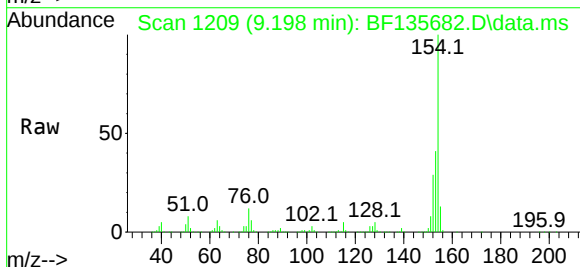
Tgt Ion:154 Resp: 575460

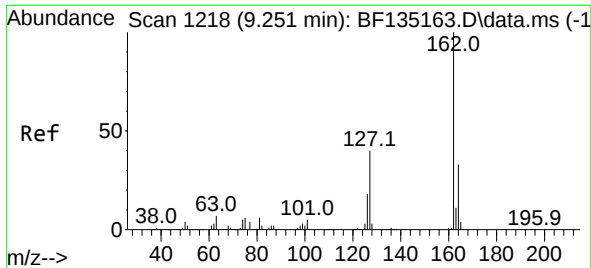
Ion Ratio Lower Upper

154 100

153 40.8 19.6 59.6

76 12.3 0.0 31.0

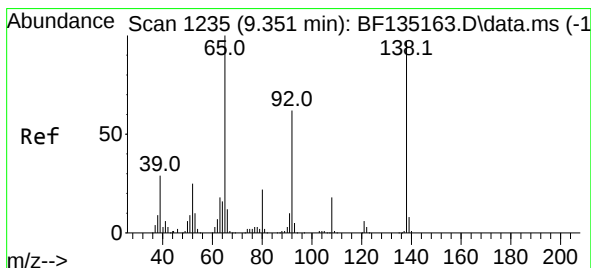
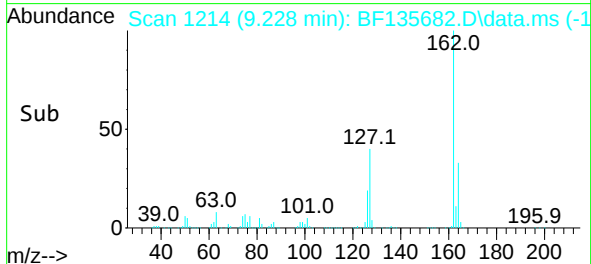
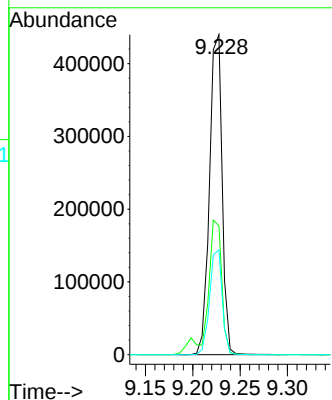
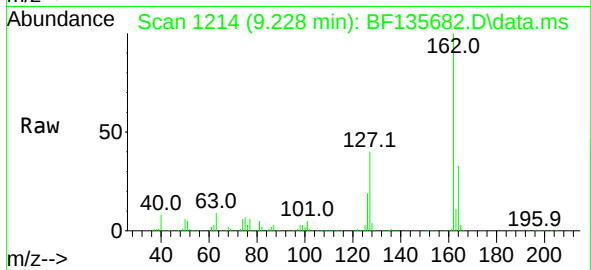




#47
2-Chloronaphthalene
Concen: 41.058 ng
RT: 9.228 min Scan# 1214
Delta R.T. 0.000 min
Lab File: BF135682.D
Acq: 10 Oct 2023 13:50

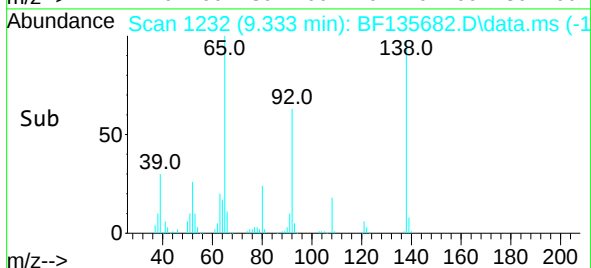
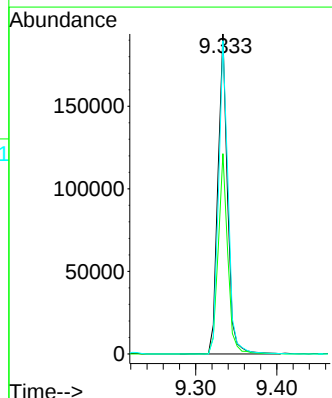
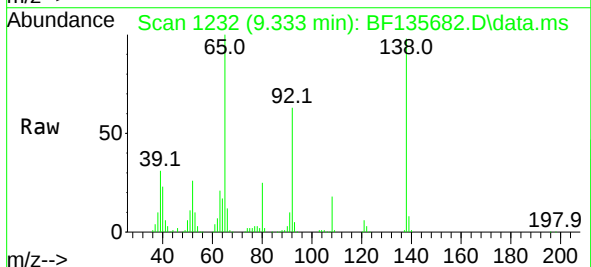
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

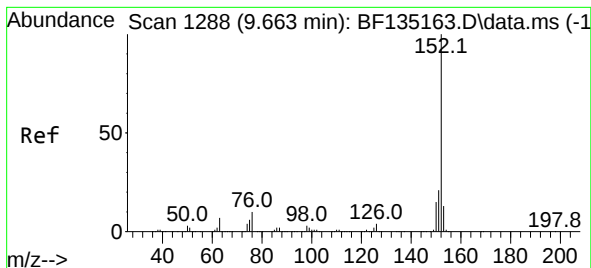
Tgt Ion:162 Resp: 407407
Ion Ratio Lower Upper
162 100
127 40.2 32.6 48.8
164 32.7 26.2 39.2



#48
2-Nitroaniline
Concen: 41.345 ng
RT: 9.333 min Scan# 1232
Delta R.T. 0.000 min
Lab File: BF135682.D
Acq: 10 Oct 2023 13:50

Tgt Ion: 65 Resp: 159383
Ion Ratio Lower Upper
65 100
92 62.6 49.4 74.0
138 97.9 77.4 116.0





#49

Acenaphthylene

Concen: 40.679 ng

RT: 9.639 min Scan# 1284

Delta R.T. 0.000 min

Lab File: BF135682.D

Acq: 10 Oct 2023 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

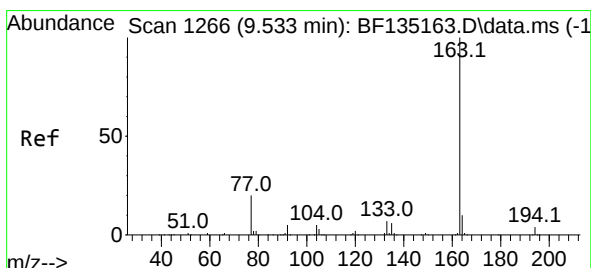
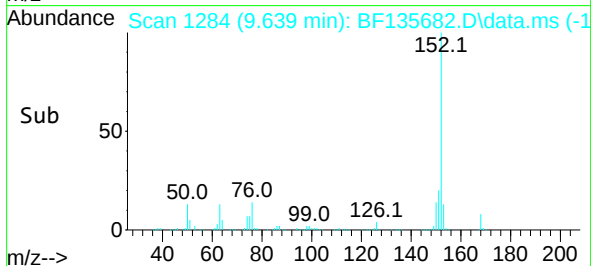
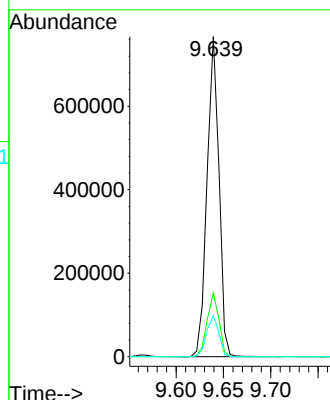
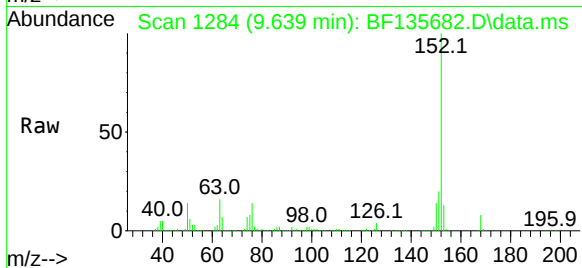
Tgt Ion:152 Resp: 670838

Ion Ratio Lower Upper

152 100

151 19.9 16.4 24.6

153 12.8 10.4 15.6



#50

Dimethylphthalate

Concen: 41.376 ng

RT: 9.504 min Scan# 1261

Delta R.T. 0.000 min

Lab File: BF135682.D

Acq: 10 Oct 2023 13:50

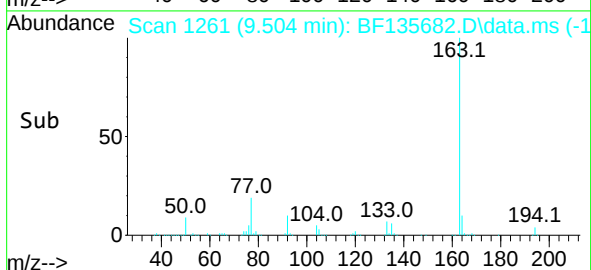
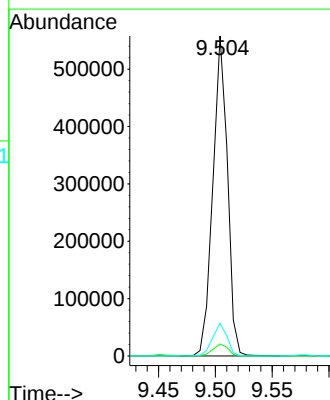
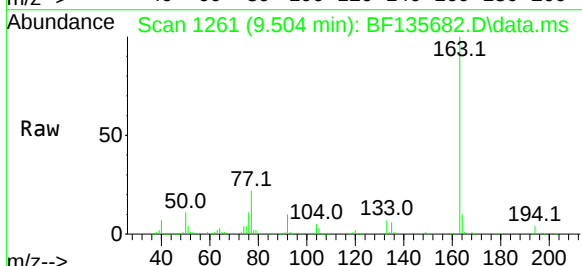
Tgt Ion:163 Resp: 497833

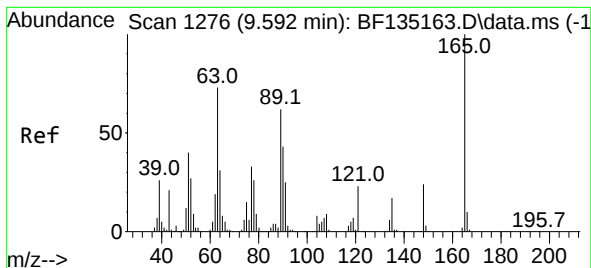
Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

164 10.2 8.1 12.1

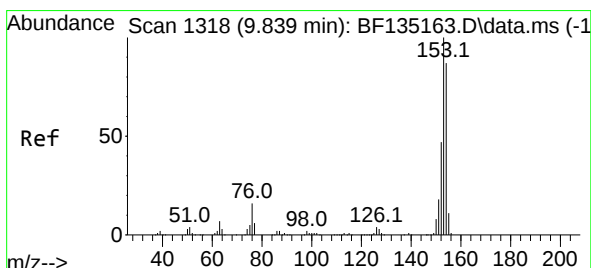
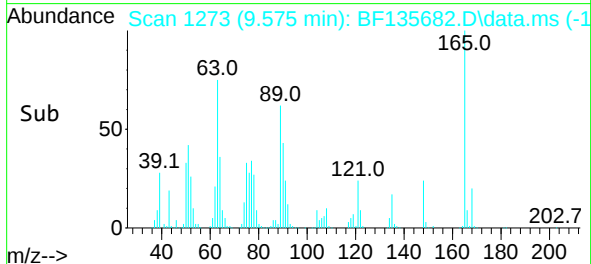
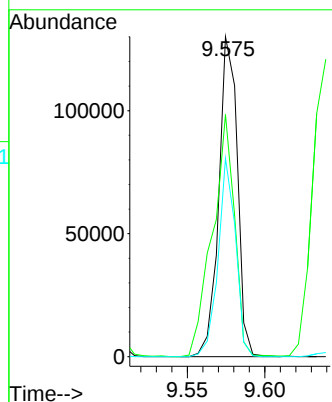
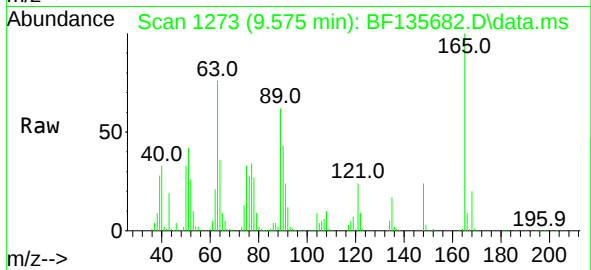




#51
2,6-Dinitrotoluene
Concen: 41.065 ng
RT: 9.575 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135682.D
Acq: 10 Oct 2023 13:50

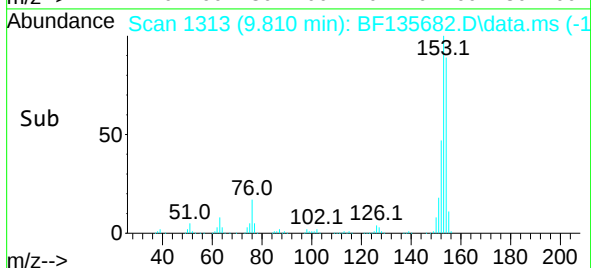
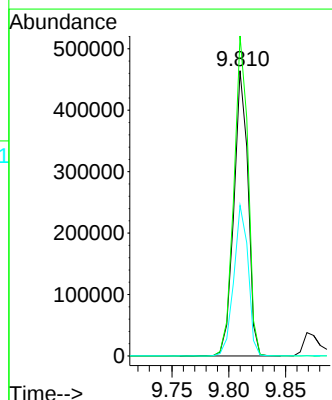
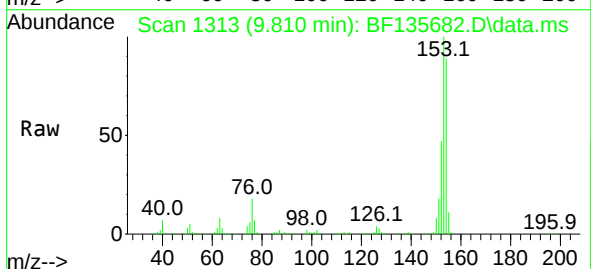
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

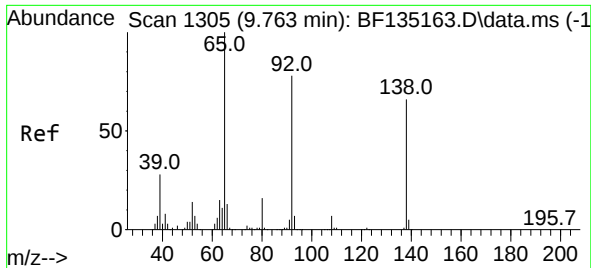
Tgt Ion:165 Resp: 108239
Ion Ratio Lower Upper
165 100
63 75.7 59.4 89.2
89 62.0 49.8 74.8



#52
Acenaphthene
Concen: 41.313 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF135682.D
Acq: 10 Oct 2023 13:50

Tgt Ion:154 Resp: 402463
Ion Ratio Lower Upper
154 100
153 112.2 92.1 138.1
152 52.8 43.1 64.7

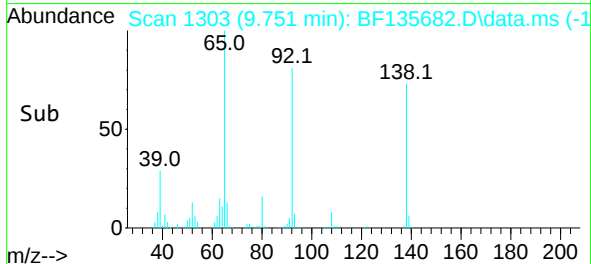
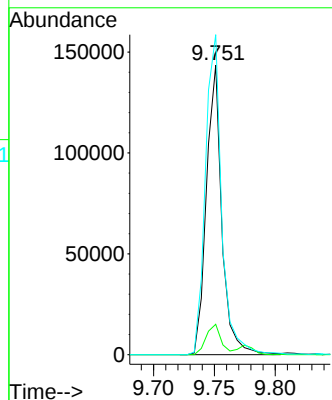
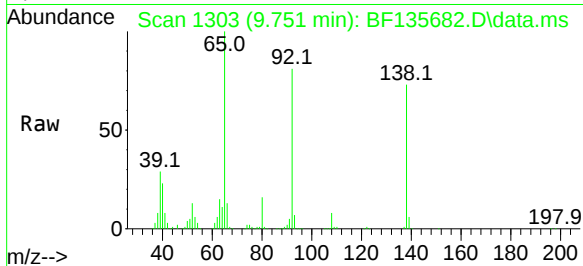




#53
3-Nitroaniline
Concen: 40.911 ng
RT: 9.751 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135682.D
Acq: 10 Oct 2023 13:50

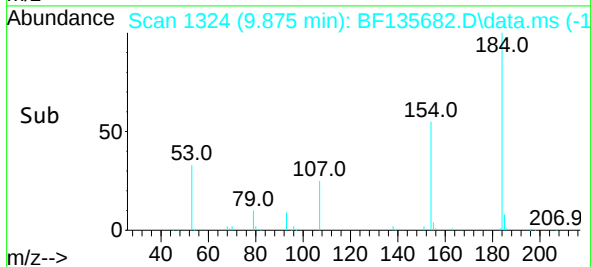
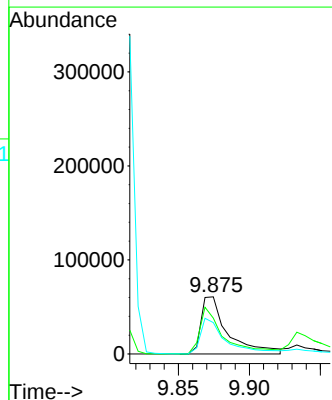
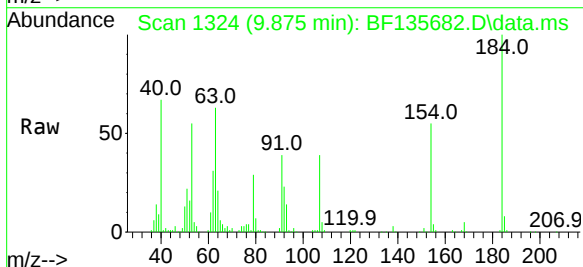
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

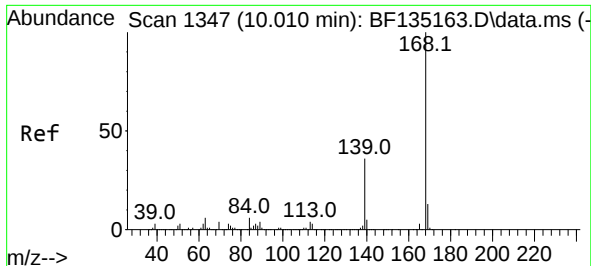
Tgt Ion:138 Resp: 126578
Ion Ratio Lower Upper
138 100
108 10.5 8.5 12.7
92 110.5 95.4 143.0



#54
2,4-Dinitrophenol
Concen: 55.439 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF135682.D
Acq: 10 Oct 2023 13:50

Tgt Ion:184 Resp: 79841
Ion Ratio Lower Upper
184 100
63 62.8 55.1 82.7
154 54.9 48.4 72.6

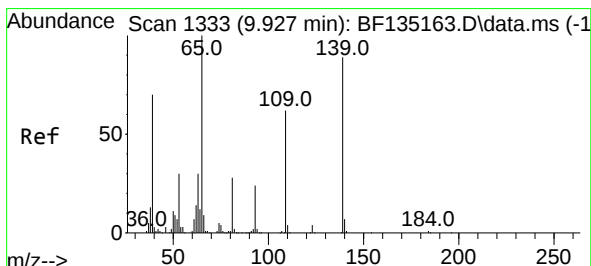
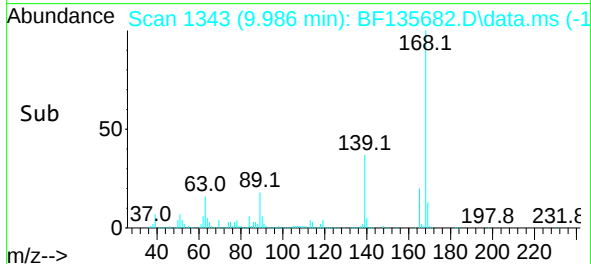
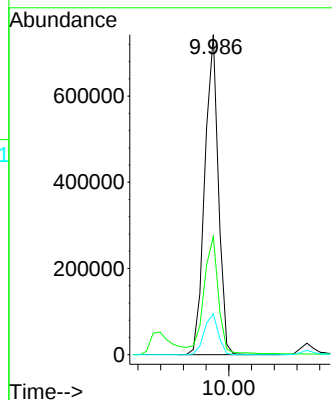
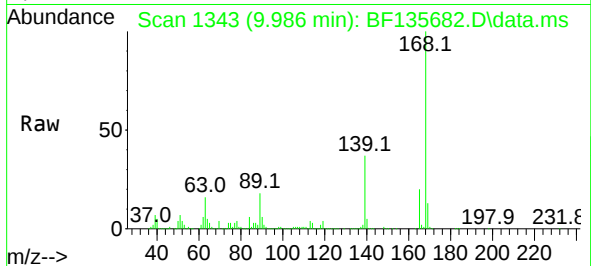




#55
Dibenzenofuran
Concen: 41.192 ng
RT: 9.986 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135682.D
Acq: 10 Oct 2023 13:50

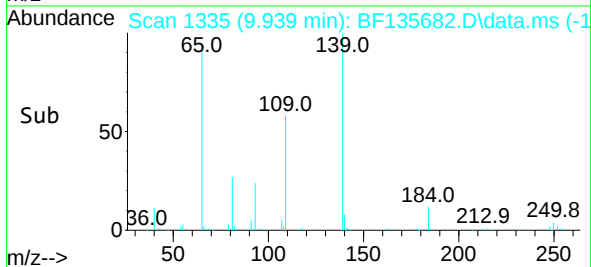
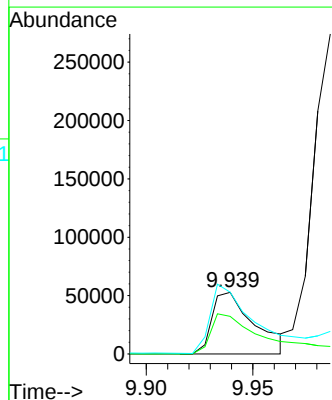
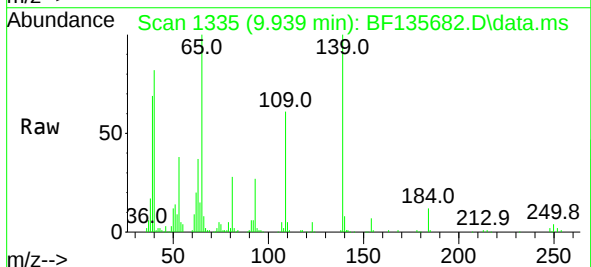
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

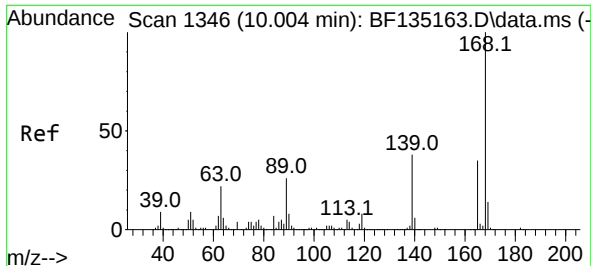
Tgt Ion:168 Resp: 612364
Ion Ratio Lower Upper
168 100
139 36.9 29.0 43.6
169 12.8 10.4 15.6



#56
4-Nitrophenol
Concen: 36.858 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF135682.D
Acq: 10 Oct 2023 13:50

Tgt Ion:139 Resp: 72476
Ion Ratio Lower Upper
139 100
109 61.0 49.8 89.8
65 100.2 92.7 132.7

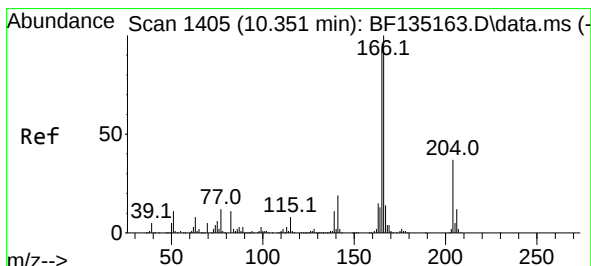
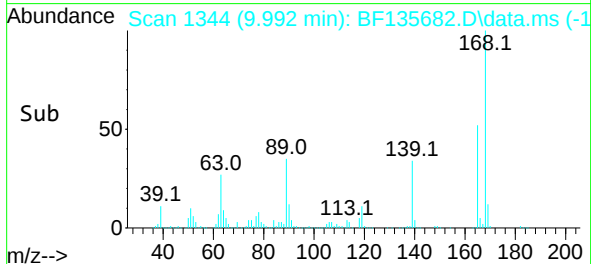
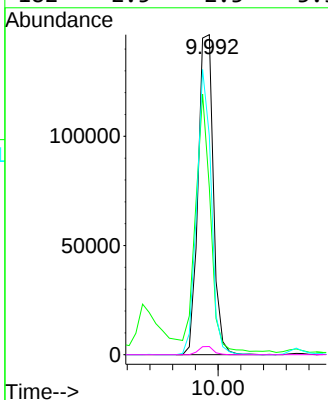
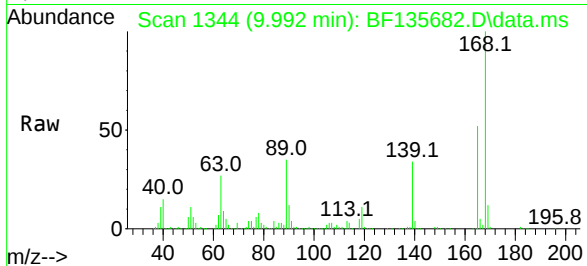




#57
2,4-Dinitrotoluene
Concen: 41.350 ng
RT: 9.992 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135682.D
Acq: 10 Oct 2023 13:50

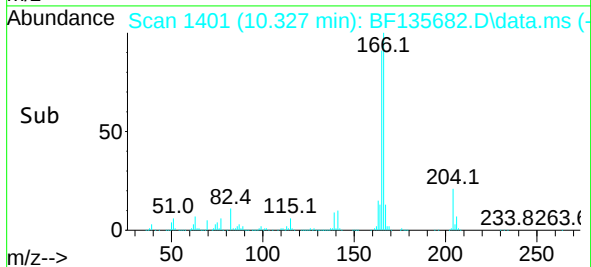
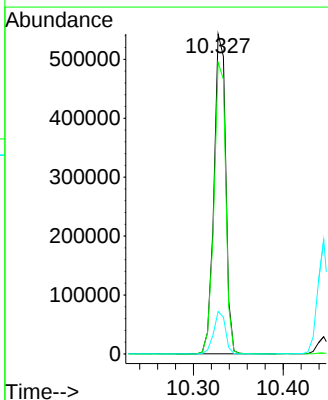
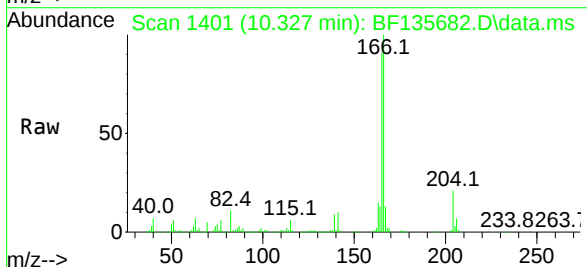
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

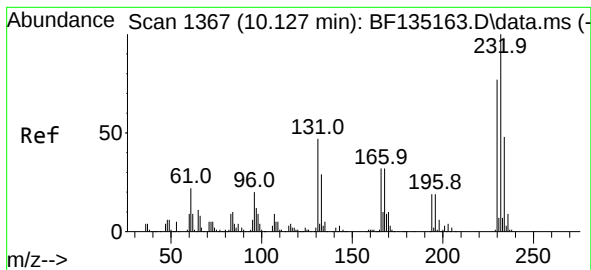
Tgt Ion:165 Resp: 136447
Ion Ratio Lower Upper
165 100
63 52.2 50.1 75.1
89 68.4 59.3 88.9
182 2.5 2.3 3.5



#58
Fluorene
Concen: 43.044 ng
RT: 10.327 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF135682.D
Acq: 10 Oct 2023 13:50

Tgt Ion:166 Resp: 491926
Ion Ratio Lower Upper
166 100
165 91.1 74.3 111.5
167 13.3 10.9 16.3

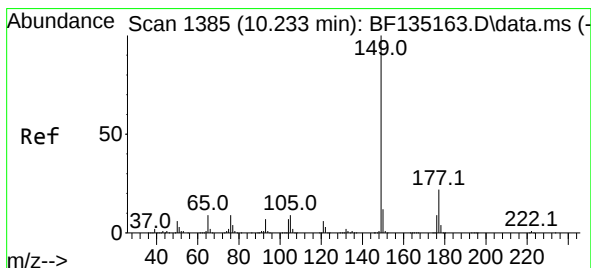
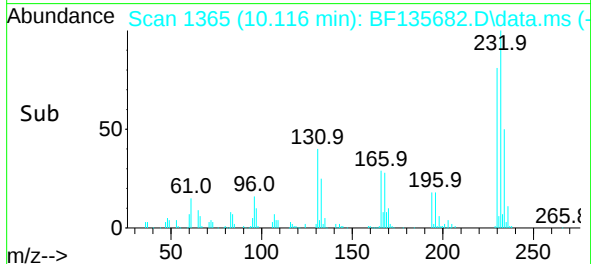
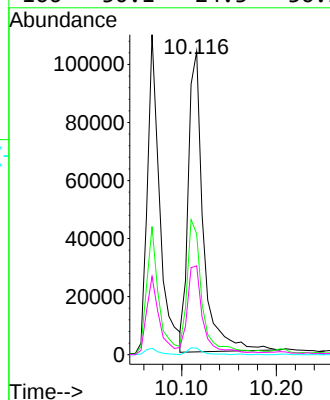
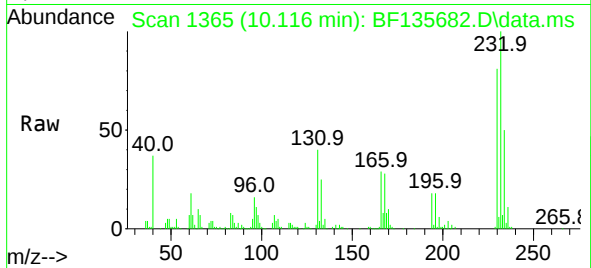




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.132 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135682.D
Acq: 10 Oct 2023 13:50

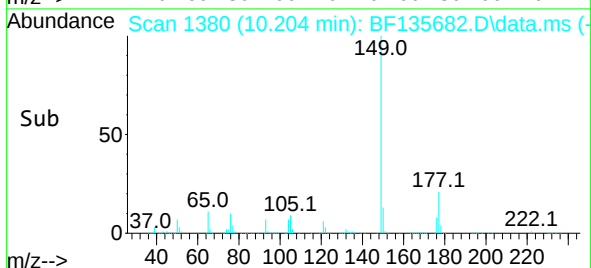
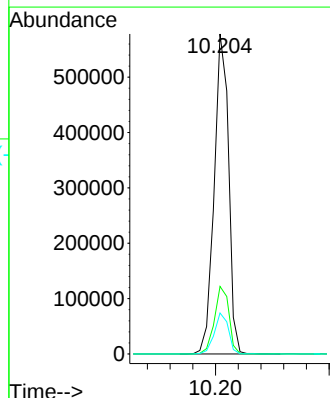
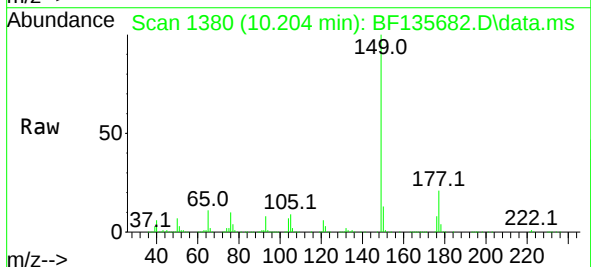
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

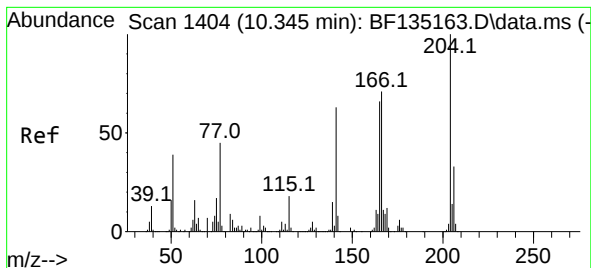
Tgt Ion:232 Resp: 114028
Ion Ratio Lower Upper
232 100
131 45.5 35.4 53.2
130 2.3 1.8 2.8
166 30.1 24.3 36.5



#60
Diethylphthalate
Concen: 42.123 ng
RT: 10.204 min Scan# 1380
Delta R.T. 0.000 min
Lab File: BF135682.D
Acq: 10 Oct 2023 13:50

Tgt Ion:149 Resp: 508644
Ion Ratio Lower Upper
149 100
177 21.1 17.8 26.6
150 12.8 10.0 15.0

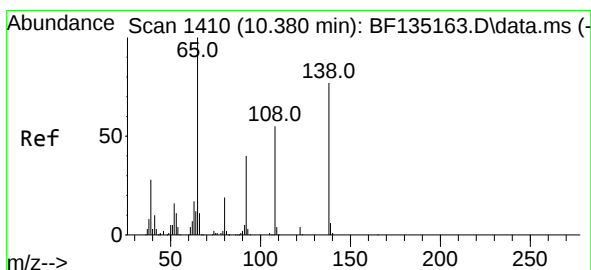
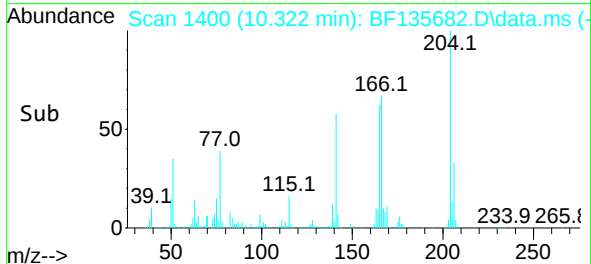
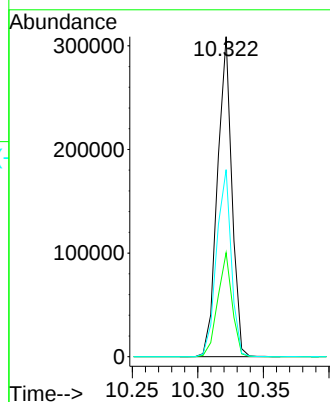
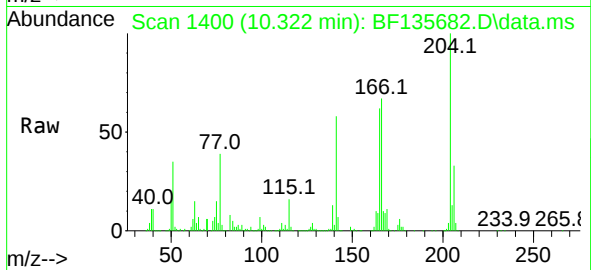




#61
4-Chlorophenyl-phenylether
Concen: 42.969 ng
RT: 10.322 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BF135682.D
Acq: 10 Oct 2023 13:50

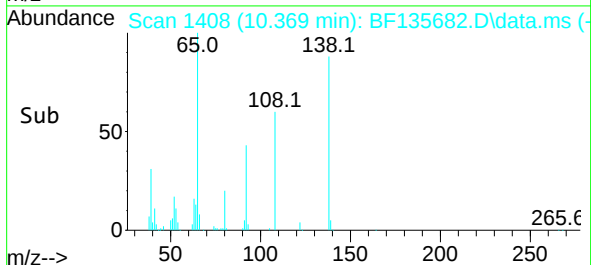
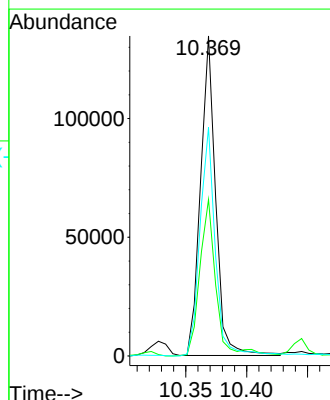
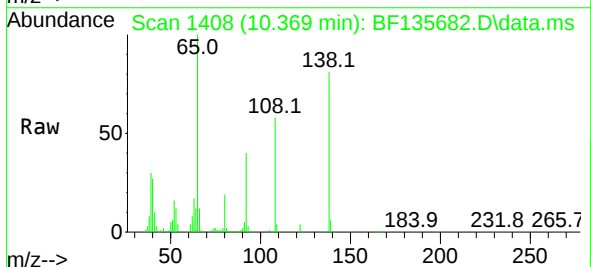
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

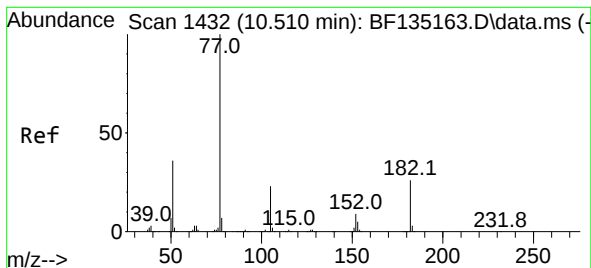
Tgt Ion:204 Resp: 235894
Ion Ratio Lower Upper
204 100
206 32.5 26.7 40.1
141 58.4 50.6 75.8



#62
4-Nitroaniline
Concen: 39.281 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF135682.D
Acq: 10 Oct 2023 13:50

Tgt Ion:138 Resp: 116825
Ion Ratio Lower Upper
138 100
92 48.9 31.8 71.8
108 71.4 52.0 92.0





#63

Azobenzene

Concen: 42.031 ng

RT: 10.480 min Scan# 1432

Delta R.T. -0.006 min

Lab File: BF135682.D

Acq: 10 Oct 2023 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 496713

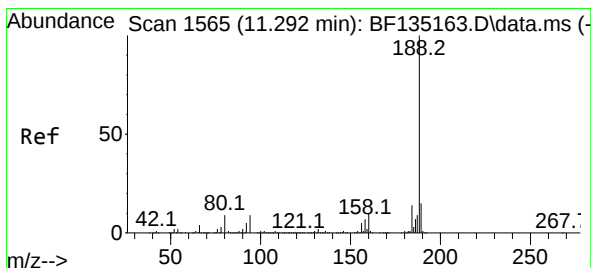
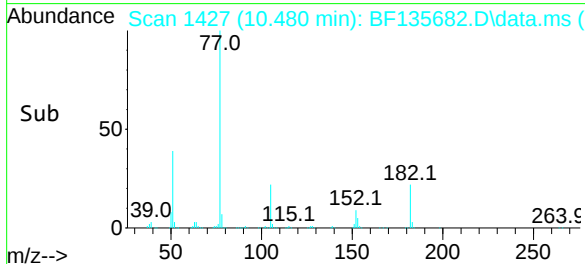
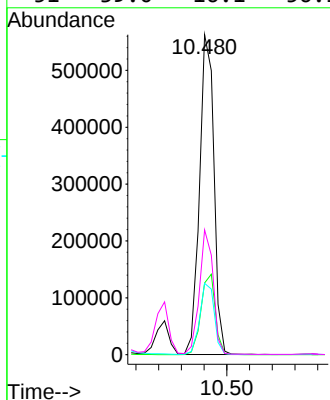
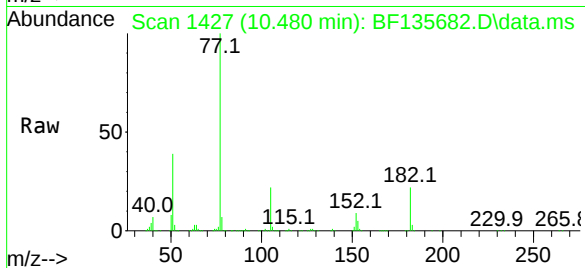
Ion Ratio Lower Upper

77 100

182 22.4 6.4 46.4

105 22.3 3.1 43.1

51 39.0 16.1 56.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.274 min Scan# 1562

Delta R.T. 0.000 min

Lab File: BF135682.D

Acq: 10 Oct 2023 13:50

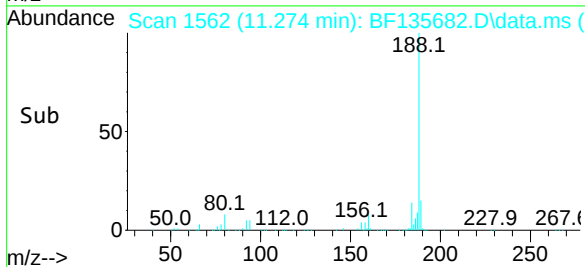
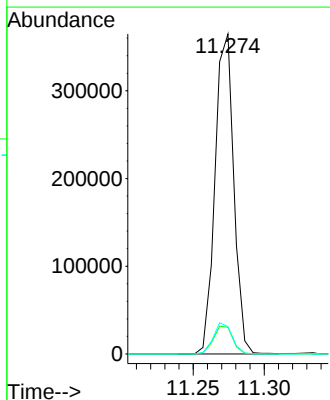
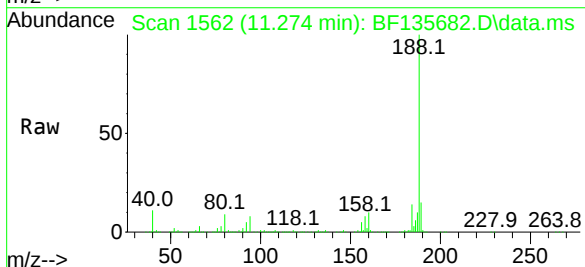
Tgt Ion: 188 Resp: 334953

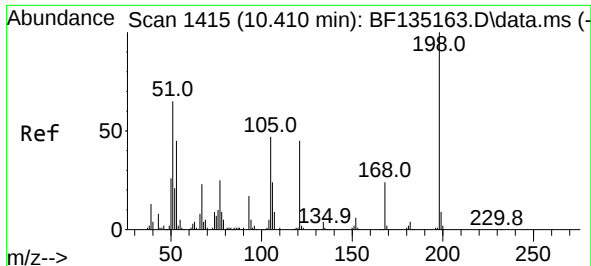
Ion Ratio Lower Upper

188 100

94 8.4 7.0 10.6

80 8.6 7.5 11.3

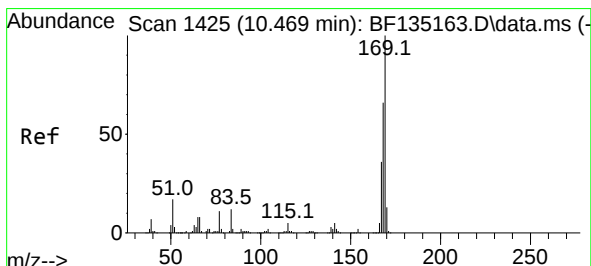
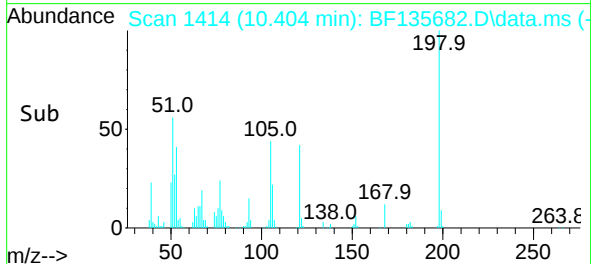
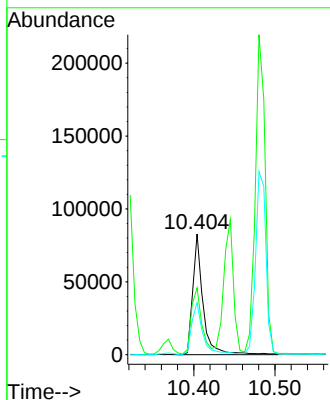
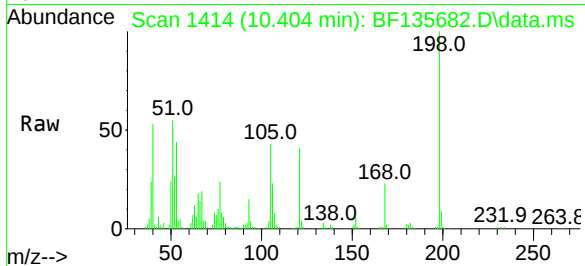




#65
4,6-Dinitro-2-methylphenol
Concen: 41.325 ng
RT: 10.404 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF135682.D
Acq: 10 Oct 2023 13:50

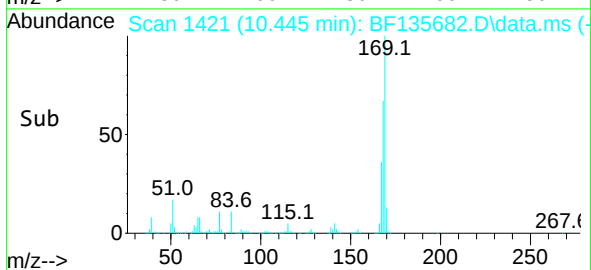
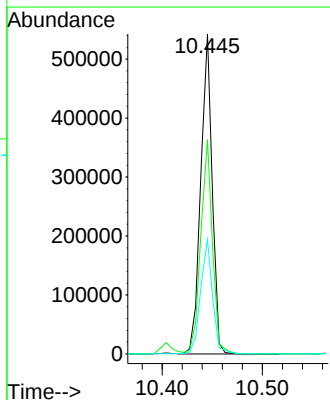
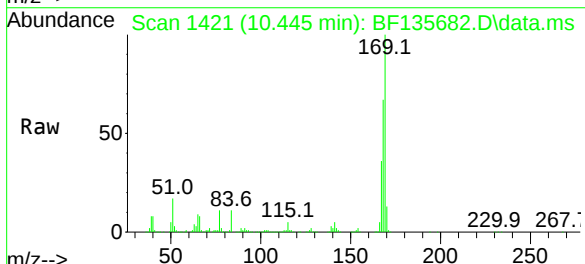
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

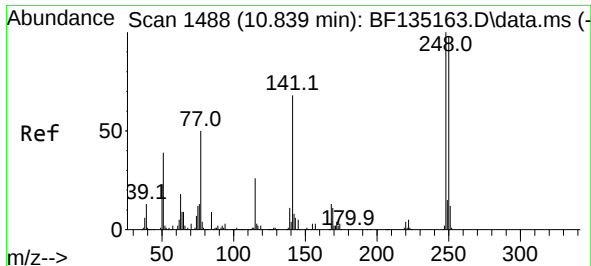
Tgt Ion:198 Resp: 73519
Ion Ratio Lower Upper
198 100
51 55.5 47.7 87.7
105 43.1 27.4 67.4



#66
n-Nitrosodiphenylamine
Concen: 42.633 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF135682.D
Acq: 10 Oct 2023 13:50

Tgt Ion:169 Resp: 432328
Ion Ratio Lower Upper
169 100
168 67.0 52.8 79.2
167 35.8 29.0 43.6

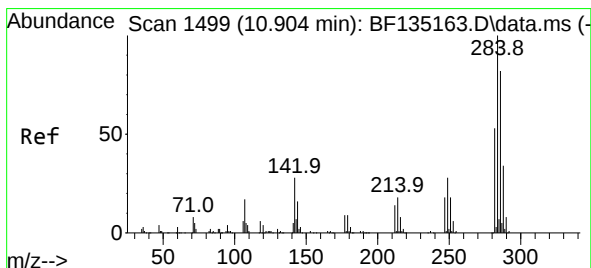
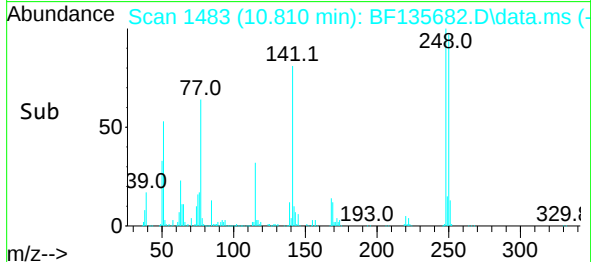
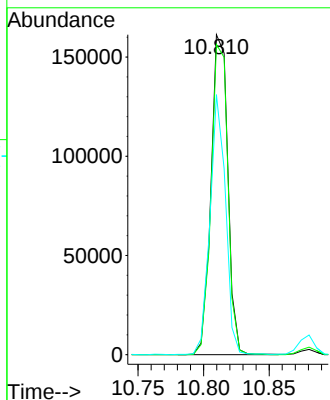
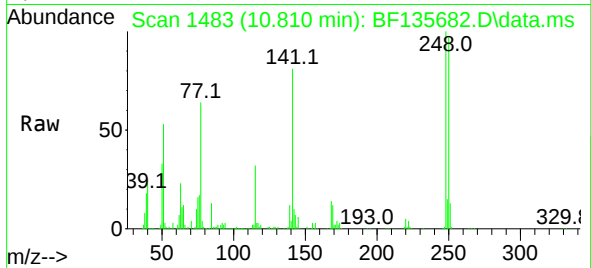




#67
4-Bromophenyl-phenylether
Concen: 43.235 ng
RT: 10.810 min Scan# 1483
Delta R.T. -0.006 min
Lab File: BF135682.D
Acq: 10 Oct 2023 13:50

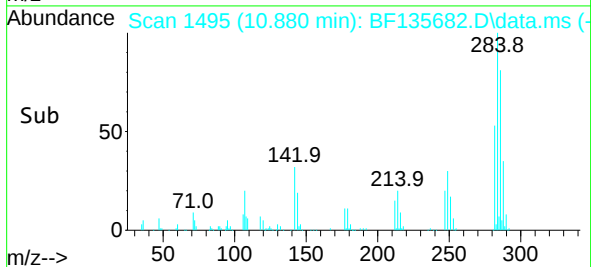
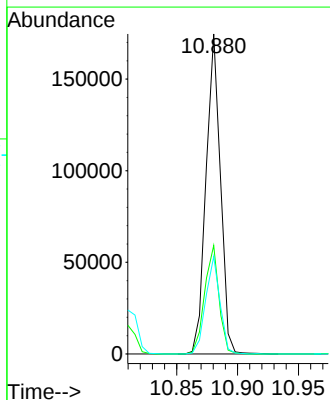
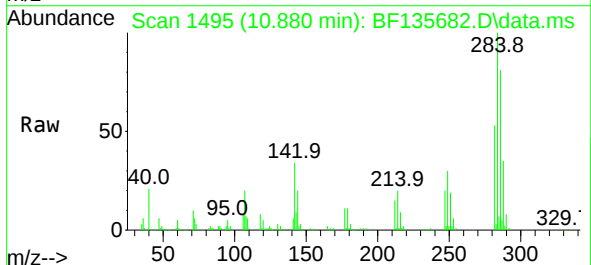
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

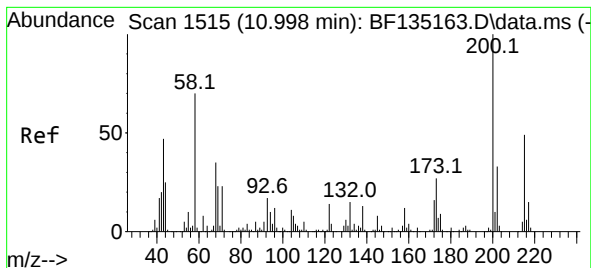
Tgt Ion:248 Resp: 144031
Ion Ratio Lower Upper
248 100
250 96.9 78.6 117.8
141 81.2 54.2 81.2#



#68
Hexachlorobenzene
Concen: 42.231 ng
RT: 10.880 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF135682.D
Acq: 10 Oct 2023 13:50

Tgt Ion:284 Resp: 143328
Ion Ratio Lower Upper
284 100
142 33.9 22.2 33.4#
249 30.4 22.5 33.7





#69

Atrazine

Concen: 40.875 ng

RT: 10.980 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF135682.D

Acq: 10 Oct 2023 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

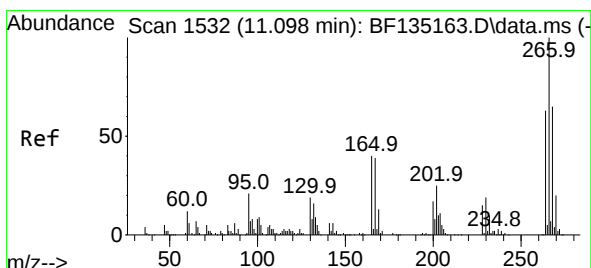
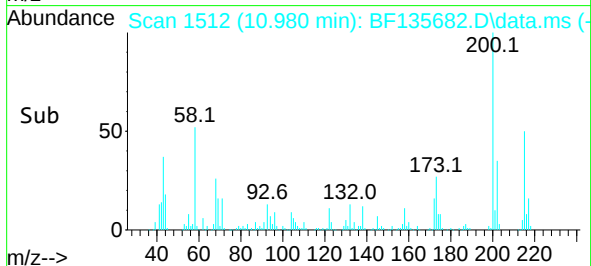
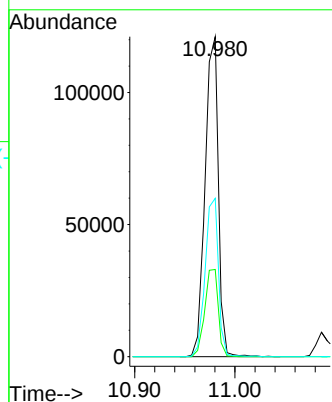
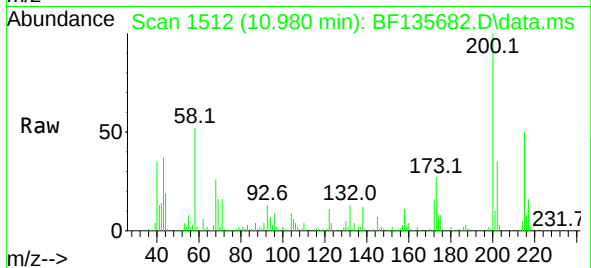
Tgt Ion:200 Resp: 111528

Ion Ratio Lower Upper

200 100

173 27.3 7.4 47.4

215 49.5 28.6 68.6



#70

Pentachlorophenol

Concen: 33.764 ng

RT: 11.086 min Scan# 1530

Delta R.T. 0.000 min

Lab File: BF135682.D

Acq: 10 Oct 2023 13:50

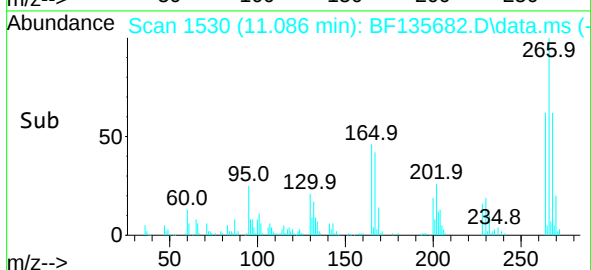
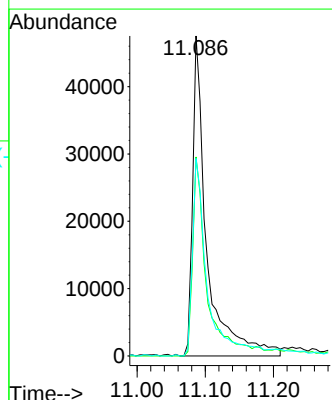
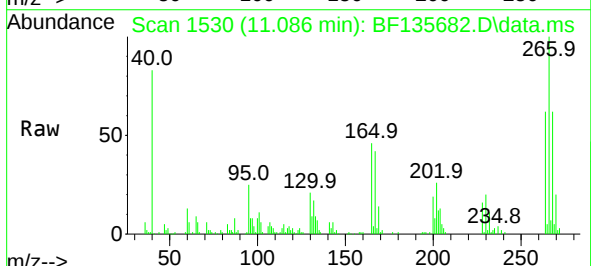
Tgt Ion:266 Resp: 68559

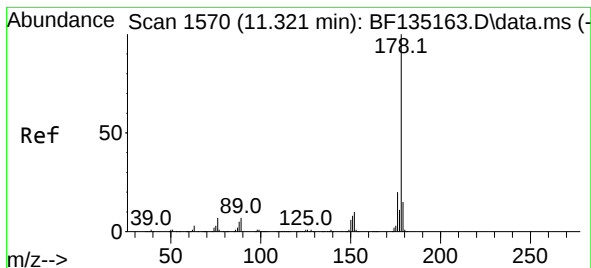
Ion Ratio Lower Upper

266 100

268 62.2 52.1 78.1

264 61.8 50.8 76.2





#71

Phenanthrene

Concen: 42.869 ng

RT: 11.298 min Scan# 1566

Delta R.T. 0.000 min

Lab File: BF135682.D

Acq: 10 Oct 2023 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

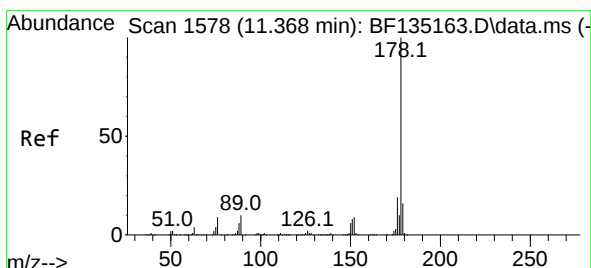
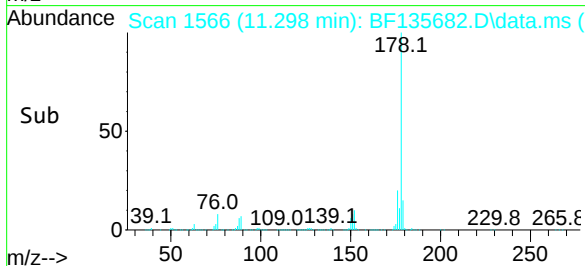
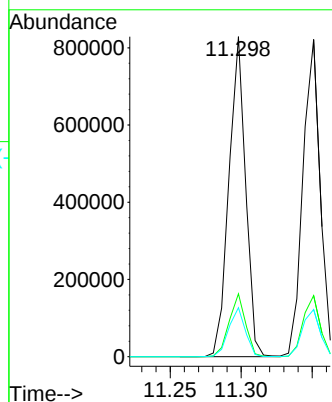
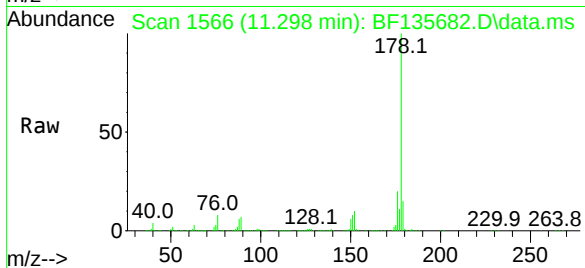
Tgt Ion:178 Resp: 679116

Ion Ratio Lower Upper

178 100

176 19.6 15.6 23.4

179 15.3 12.0 18.0



#72

Anthracene

Concen: 42.737 ng

RT: 11.351 min Scan# 1575

Delta R.T. 0.000 min

Lab File: BF135682.D

Acq: 10 Oct 2023 13:50

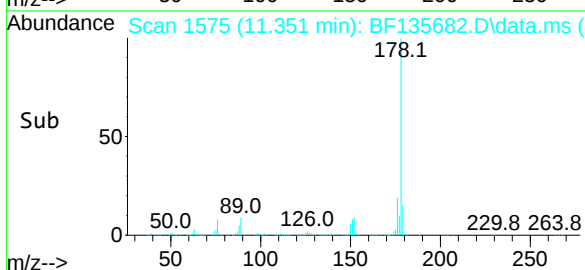
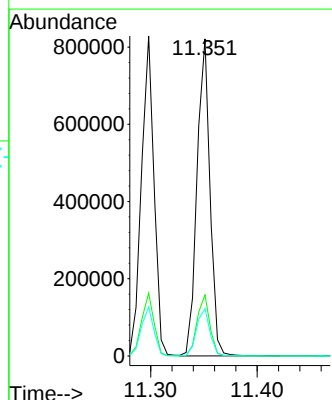
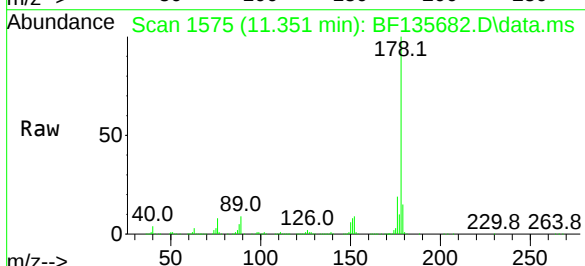
Tgt Ion:178 Resp: 695924

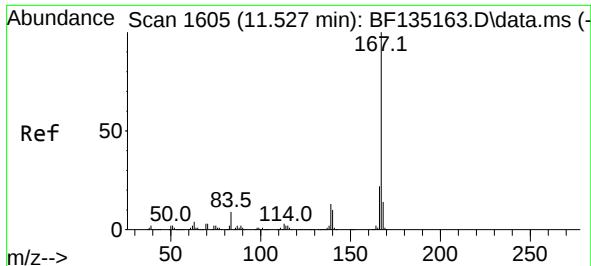
Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

179 14.9 12.6 19.0

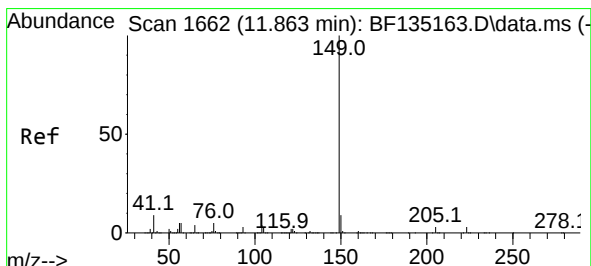
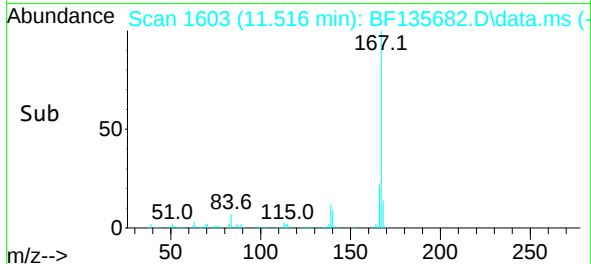
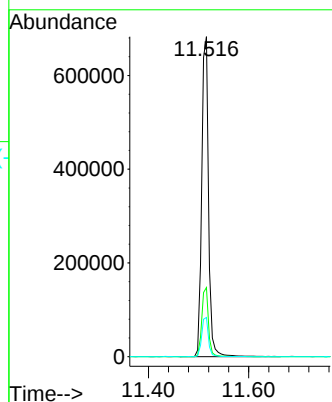
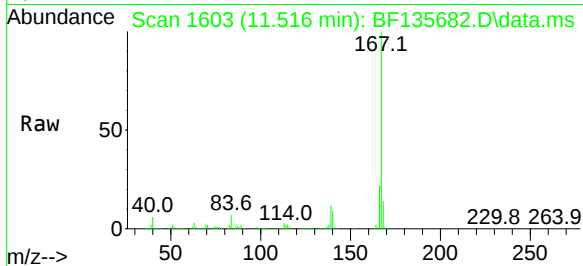




#73
Carbazole
Concen: 43.261 ng
RT: 11.516 min Scan# 1603
Delta R.T. 0.000 min
Lab File: BF135682.D
Acq: 10 Oct 2023 13:50

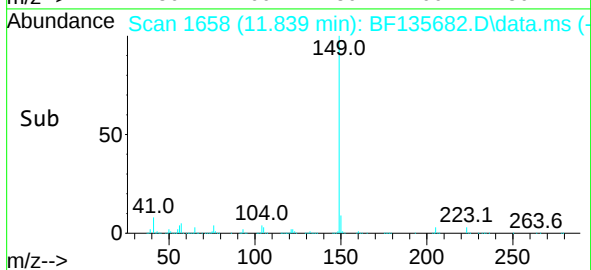
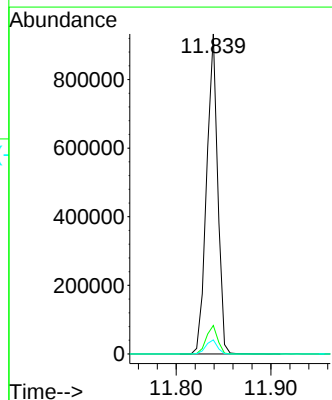
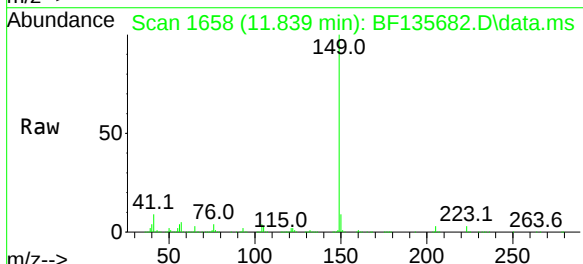
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

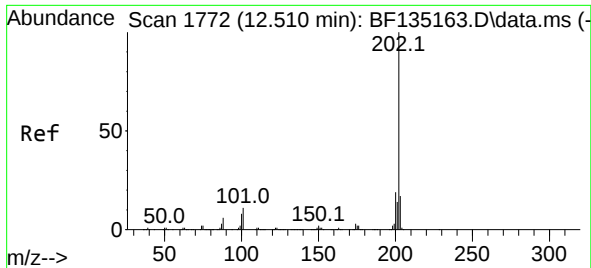
Tgt Ion:167 Resp: 641273
Ion Ratio Lower Upper
167 100
166 21.6 17.4 26.0
139 12.2 10.6 15.8



#74
Di-n-butylphthalate
Concen: 43.354 ng
RT: 11.839 min Scan# 1658
Delta R.T. -0.000 min
Lab File: BF135682.D
Acq: 10 Oct 2023 13:50

Tgt Ion:149 Resp: 757278
Ion Ratio Lower Upper
149 100
150 8.9 7.4 11.0
104 4.4 3.6 5.4

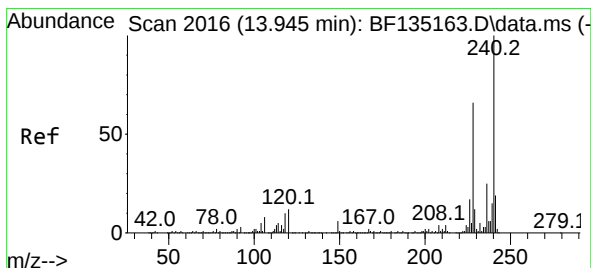
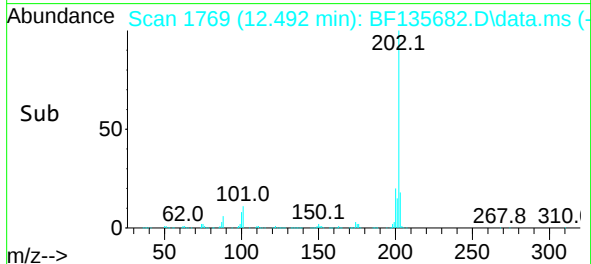
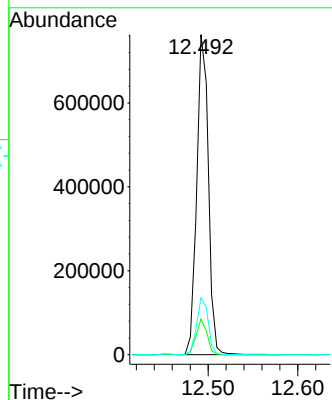
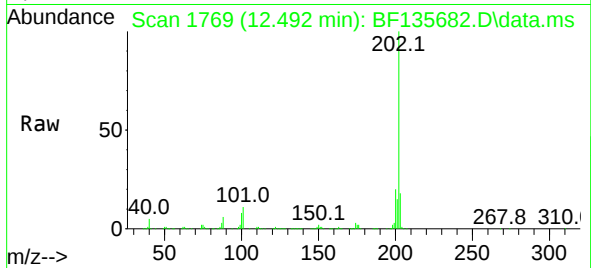




#75
Fluoranthene
Concen: 41.652 ng
RT: 12.492 min Scan# 1772
Delta R.T. -0.006 min
Lab File: BF135682.D
Acq: 10 Oct 2023 13:50

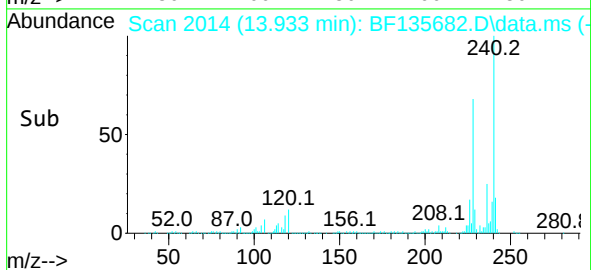
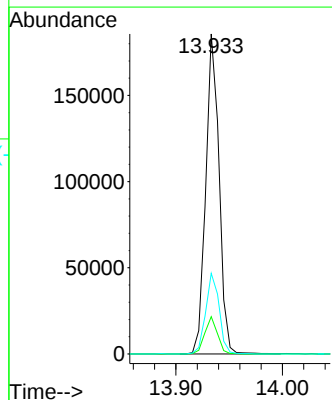
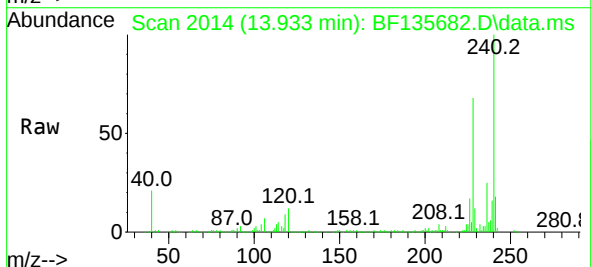
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

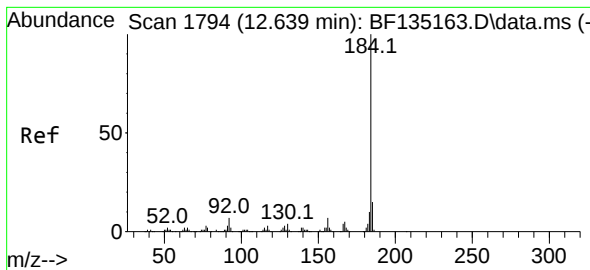
Tgt Ion:202 Resp: 687545
Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.3
203 17.8 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.933 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BF135682.D
Acq: 10 Oct 2023 13:50

Tgt Ion:240 Resp: 162096
Ion Ratio Lower Upper
240 100
120 11.6 9.4 14.2
236 25.2 19.8 29.8





#77

Benzidine

Concen: 32.104 ng

RT: 12.627 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF135682.D

Acq: 10 Oct 2023 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

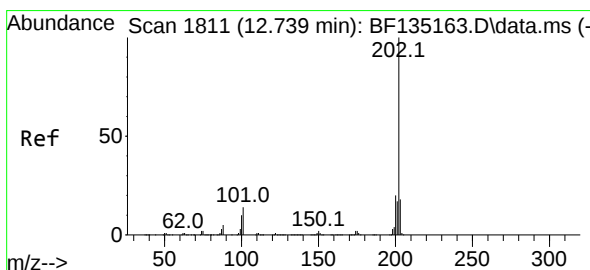
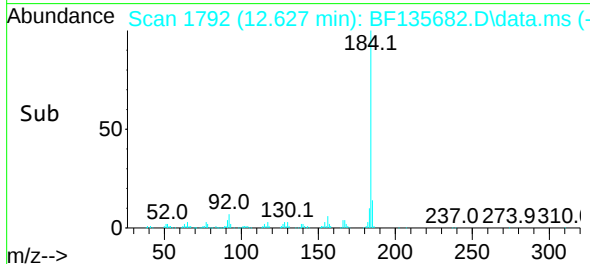
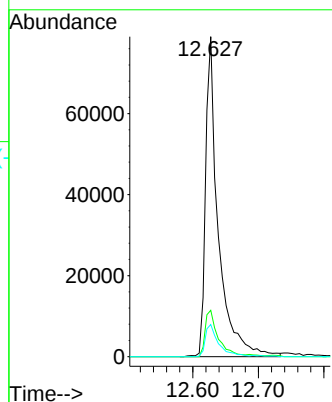
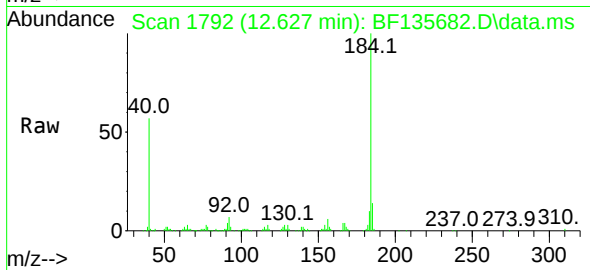
Tgt Ion:184 Resp: 106611

Ion Ratio Lower Upper

184 100

185 14.5 11.7 17.5

183 10.0 8.2 12.4



#78

Pyrene

Concen: 44.033 ng

RT: 12.727 min Scan# 1809

Delta R.T. 0.000 min

Lab File: BF135682.D

Acq: 10 Oct 2023 13:50

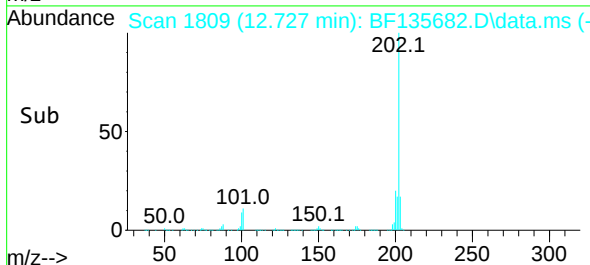
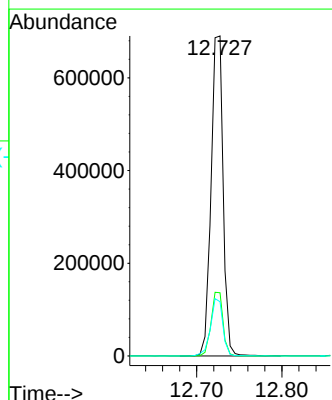
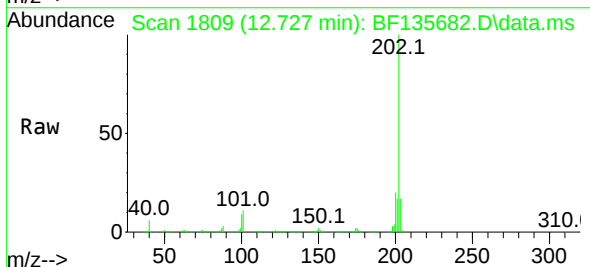
Tgt Ion:202 Resp: 679552

Ion Ratio Lower Upper

202 100

200 19.8 16.2 24.2

203 17.0 14.2 21.4





#79

Terphenyl-d14

Concen: 87.849 ng

RT: 12.868 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135682.D

Acq: 10 Oct 2023 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

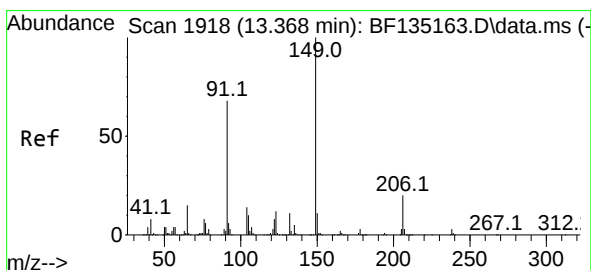
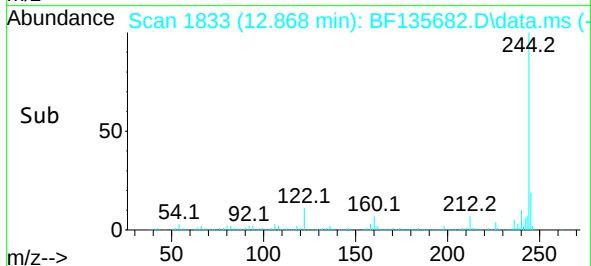
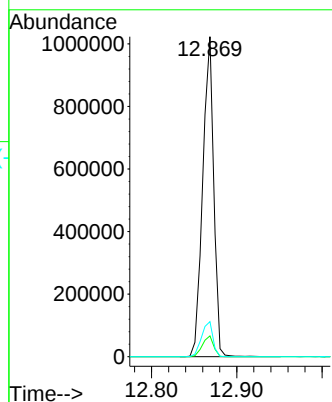
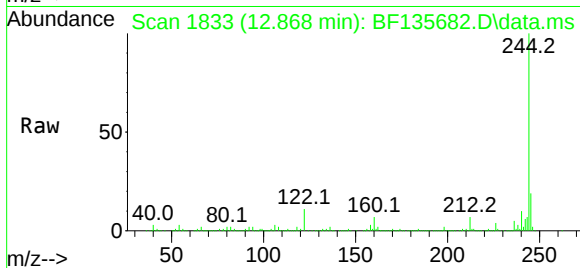
Tgt Ion:244 Resp: 918590

Ion Ratio Lower Upper

244 100

212 6.5 5.1 7.7

122 10.9 7.9 11.9



#80

Butylbenzylphthalate

Concen: 44.518 ng

RT: 13.345 min Scan# 1914

Delta R.T. -0.000 min

Lab File: BF135682.D

Acq: 10 Oct 2023 13:50

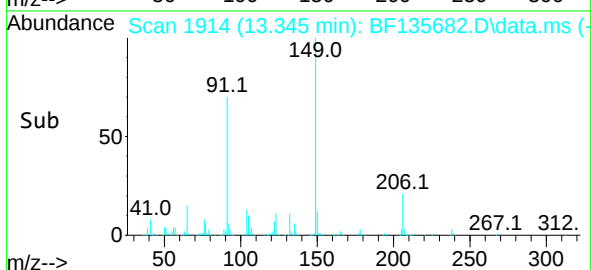
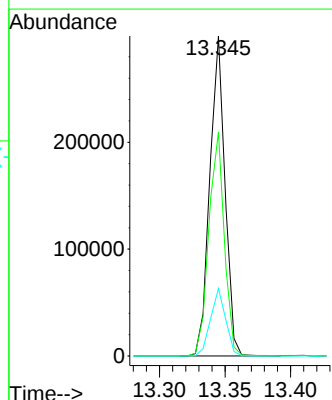
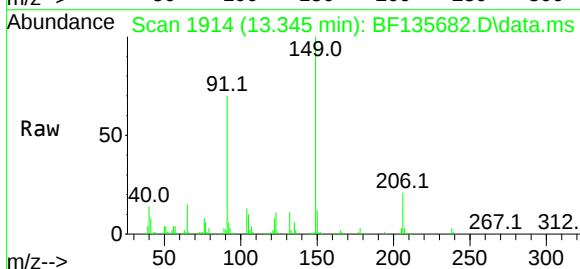
Tgt Ion:149 Resp: 241896

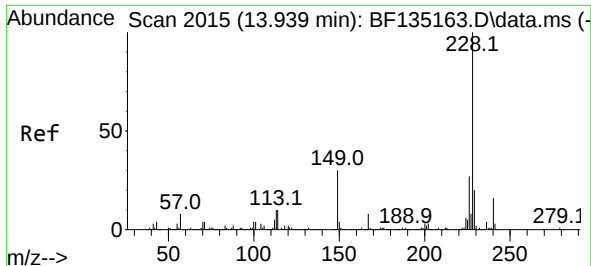
Ion Ratio Lower Upper

149 100

91 70.0 54.7 82.1

206 21.1 16.3 24.5

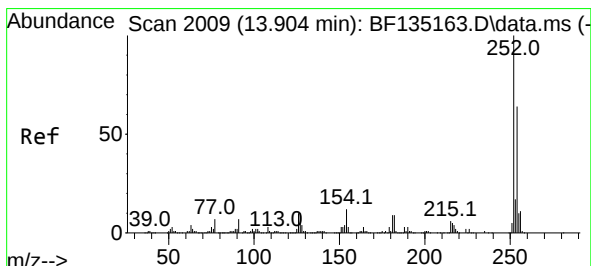
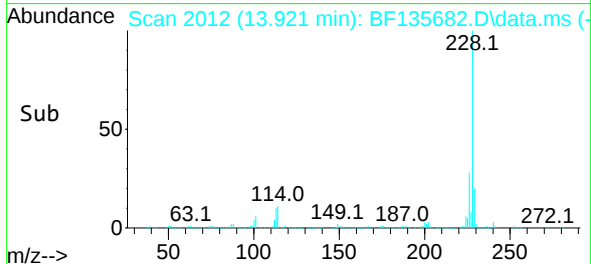
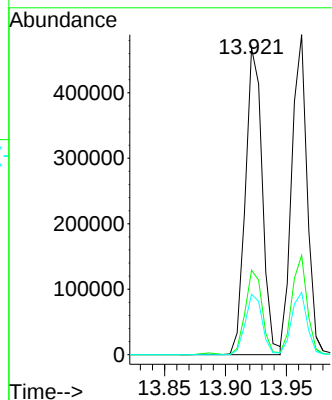
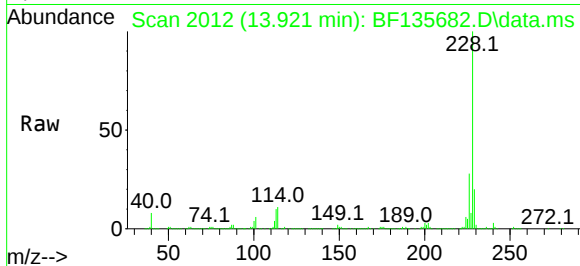




#81
Benzo(a)anthracene
Concen: 43.387 ng
RT: 13.921 min Scan# 2006
Delta R.T. -0.006 min
Lab File: BF135682.D
Acq: 10 Oct 2023 13:50

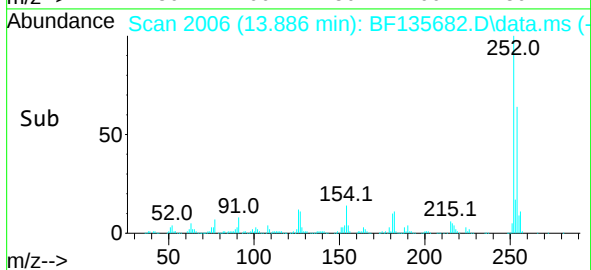
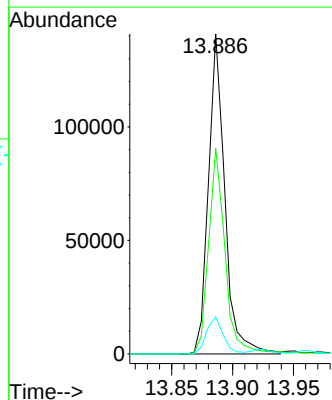
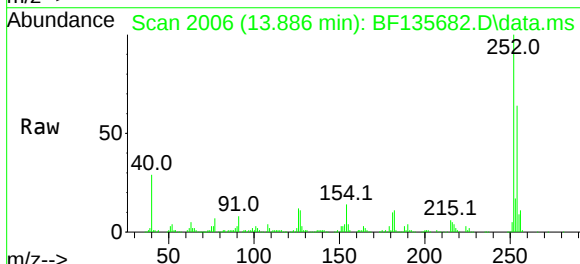
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

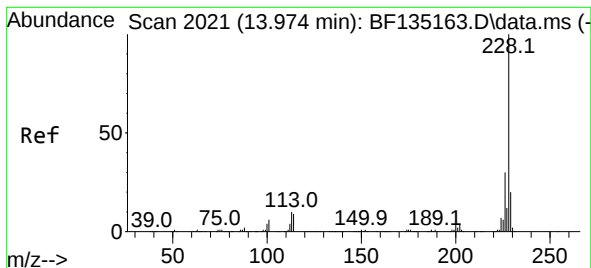
Tgt Ion:228 Resp: 454128
Ion Ratio Lower Upper
228 100
226 27.5 21.7 32.5
229 19.8 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 40.162 ng
RT: 13.886 min Scan# 2006
Delta R.T. 0.000 min
Lab File: BF135682.D
Acq: 10 Oct 2023 13:50

Tgt Ion:252 Resp: 131307
Ion Ratio Lower Upper
252 100
254 64.3 51.0 76.4
126 11.6 7.8 11.8





#83

Chrysene

Concen: 41.302 ng

RT: 13.963 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF135682.D

Acq: 10 Oct 2023 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

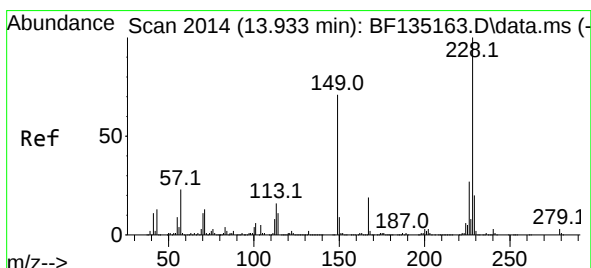
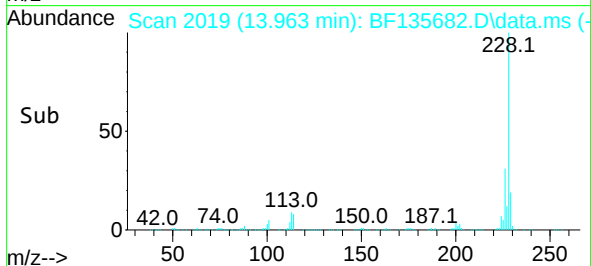
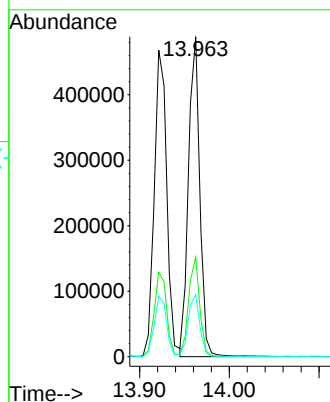
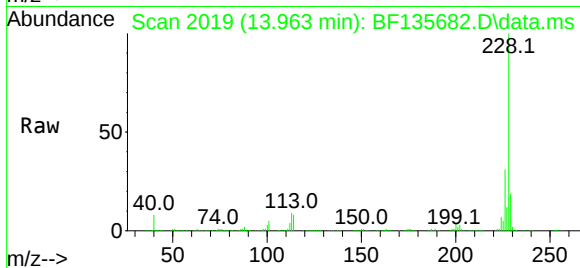
Tgt Ion:228 Resp: 429810

Ion Ratio Lower Upper

228 100

226 31.0 24.3 36.5

229 19.4 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.252 ng

RT: 13.904 min Scan# 2009

Delta R.T. -0.006 min

Lab File: BF135682.D

Acq: 10 Oct 2023 13:50

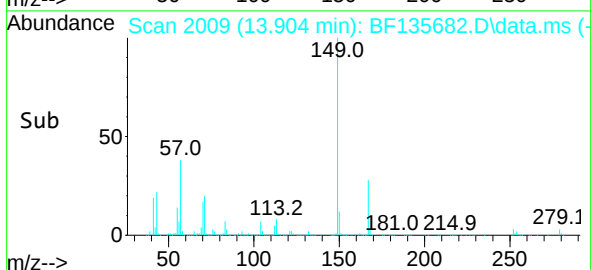
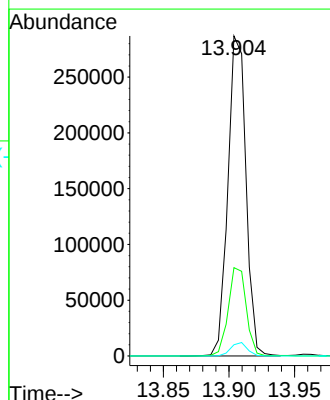
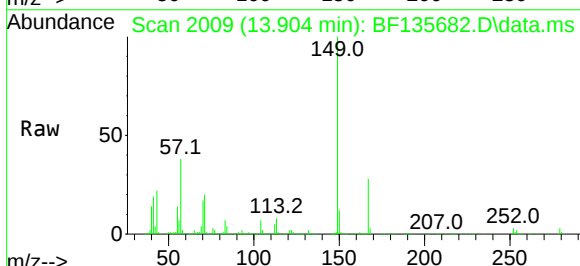
Tgt Ion:149 Resp: 274622

Ion Ratio Lower Upper

149 100

167 27.6 21.9 32.9

279 3.5 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 45.578 ng

RT: 14.521 min Scan# 2119

Delta R.T. -0.006 min

Lab File: BF135682.D

Acq: 10 Oct 2023 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

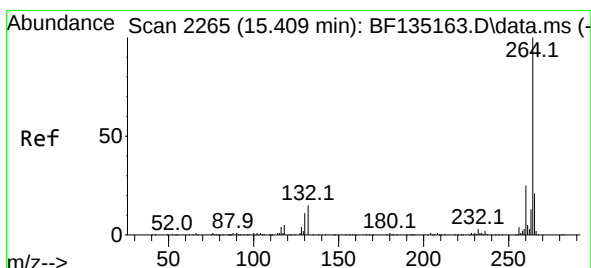
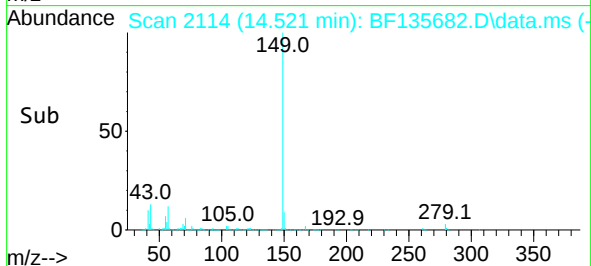
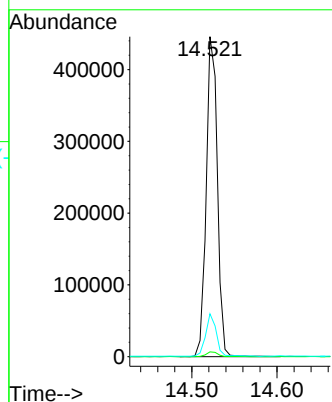
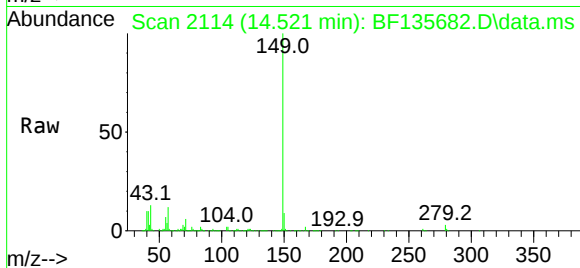
Tgt Ion:149 Resp: 403870

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

43 12.8 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.404 min Scan# 2264

Delta R.T. 0.000 min

Lab File: BF135682.D

Acq: 10 Oct 2023 13:50

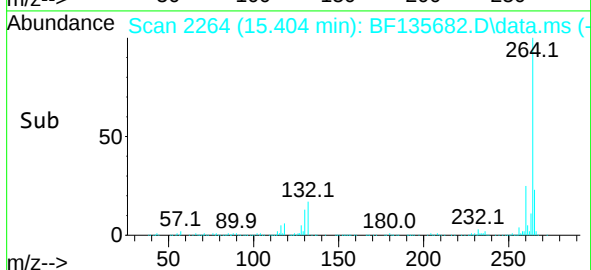
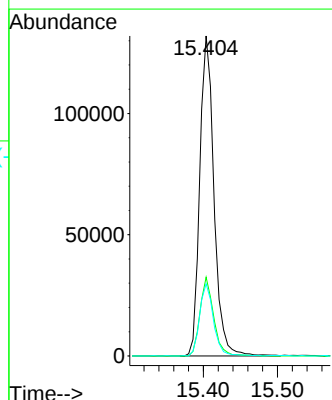
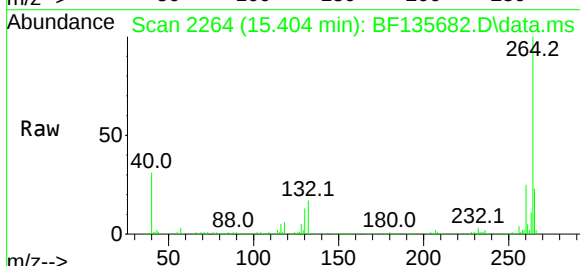
Tgt Ion:264 Resp: 175763

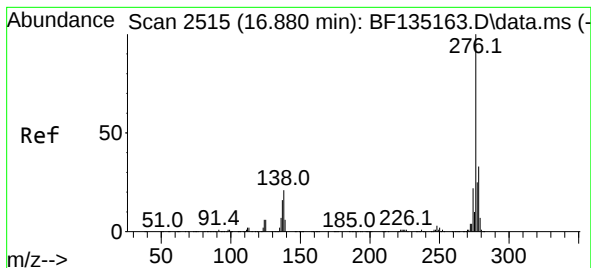
Ion Ratio Lower Upper

264 100

260 24.6 19.8 29.6

265 22.5 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.524 ng

RT: 16.904 min Scan# 2119

Delta R.T. 0.000 min

Lab File: BF135682.D

Acq: 10 Oct 2023 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

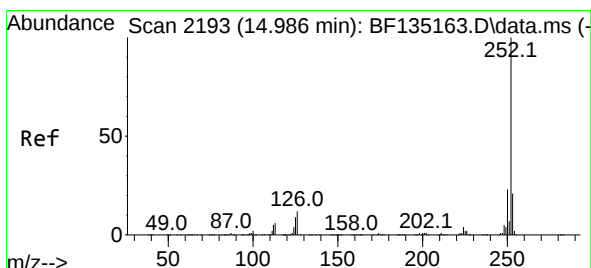
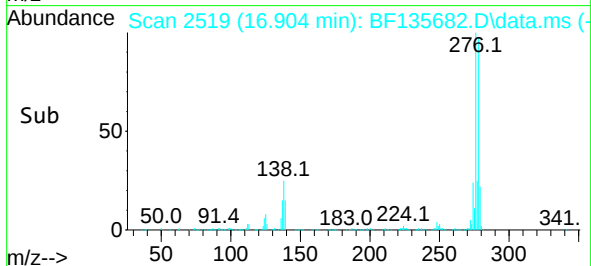
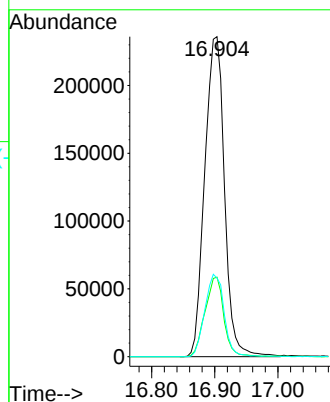
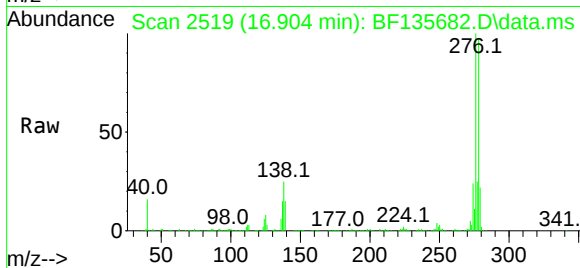
Tgt Ion:276 Resp: 513099

Ion Ratio Lower Upper

276 100

138 23.8 19.2 28.8

277 25.3 19.7 29.5



#88

Benzo(b)fluoranthene

Concen: 40.179 ng

RT: 14.974 min Scan# 2191

Delta R.T. -0.006 min

Lab File: BF135682.D

Acq: 10 Oct 2023 13:50

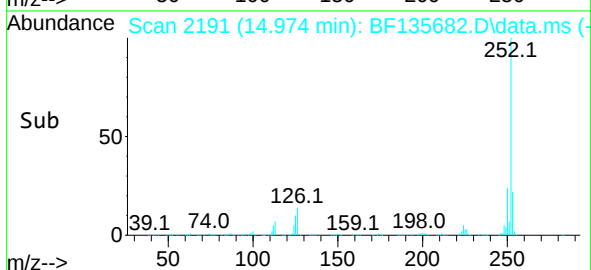
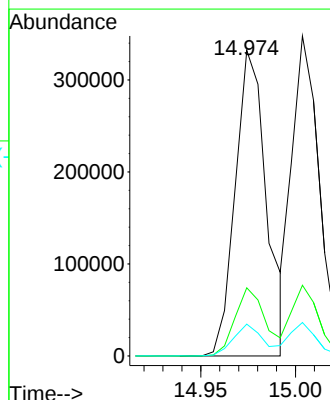
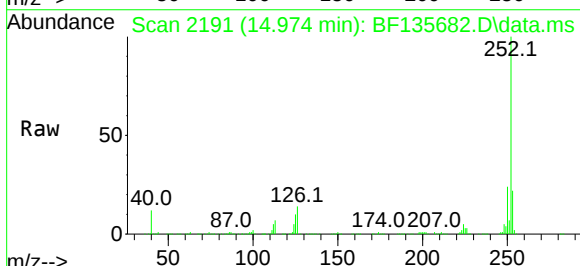
Tgt Ion:252 Resp: 382293

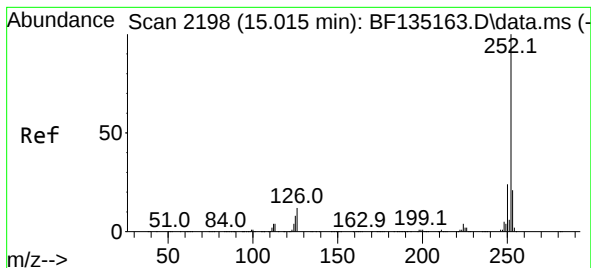
Ion Ratio Lower Upper

252 100

253 22.3 17.2 25.8

125 10.4 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 37.757 ng

RT: 15.004 min Scan# 2198

Delta R.T. -0.000 min

Lab File: BF135682.D

Acq: 10 Oct 2023 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

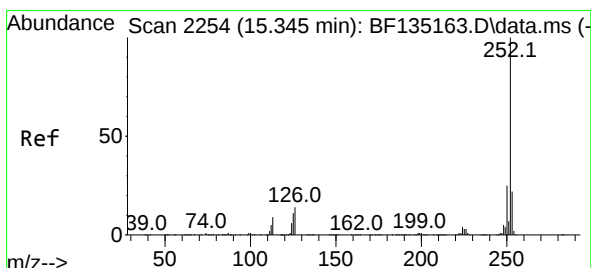
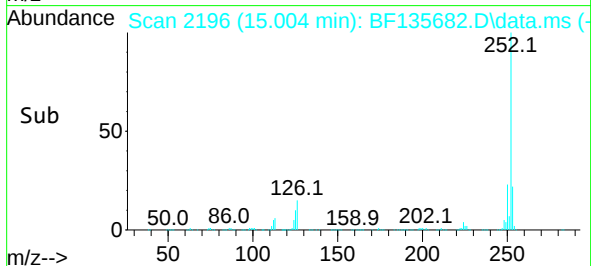
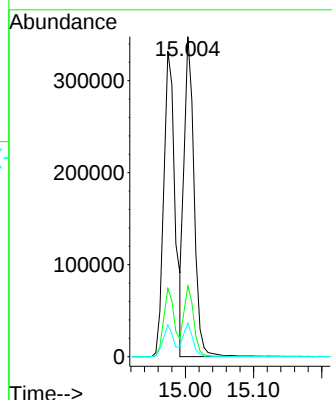
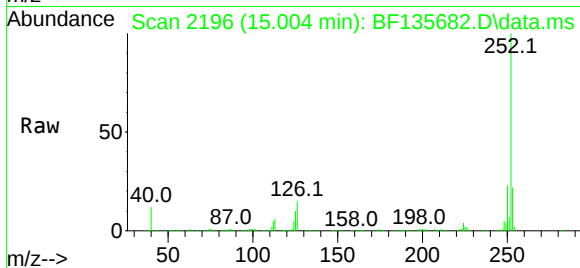
Tgt Ion:252 Resp: 354872

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 10.4 7.2 10.8



#90

Benzo(a)pyrene

Concen: 41.691 ng

RT: 15.345 min Scan# 2254

Delta R.T. 0.000 min

Lab File: BF135682.D

Acq: 10 Oct 2023 13:50

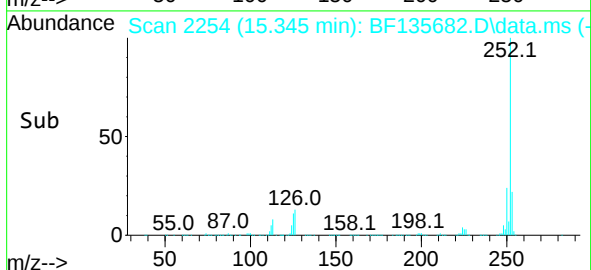
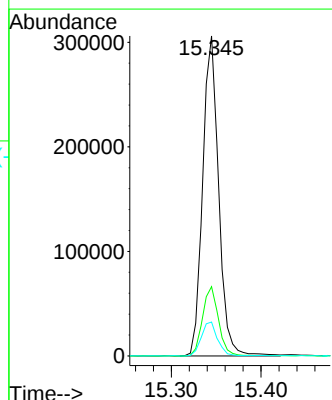
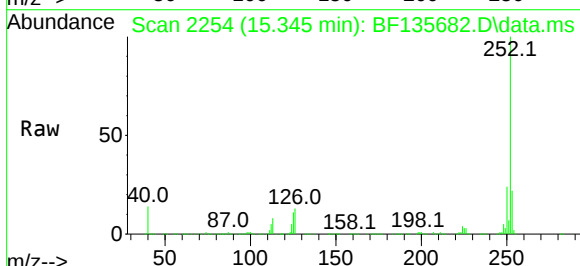
Tgt Ion:252 Resp: 378288

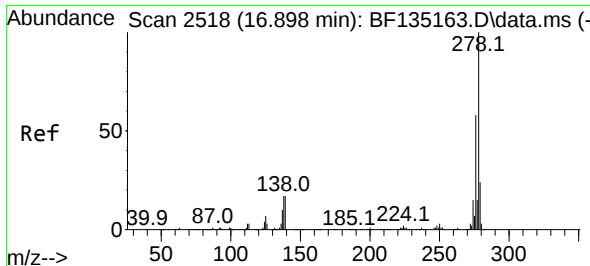
Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 10.6 9.2 13.8

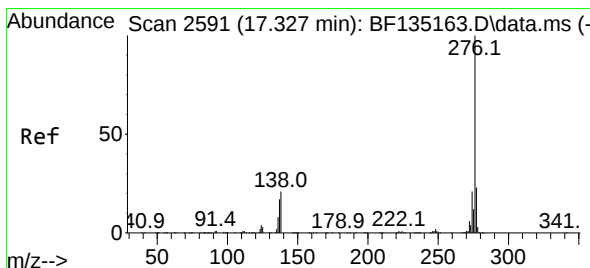
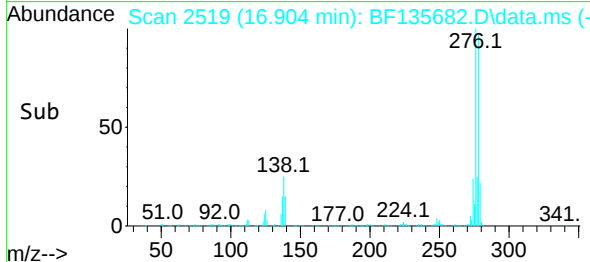
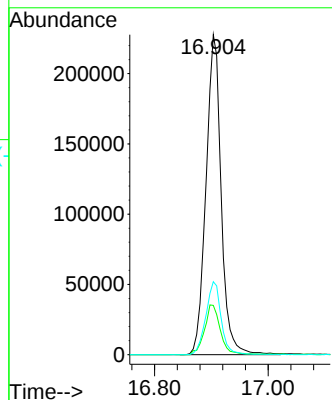
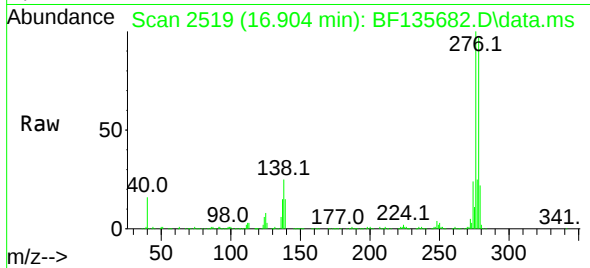




#91
Dibenzo(a,h)anthracene
Concen: 44.718 ng
RT: 16.904 min Scan# 2518
Delta R.T. -0.006 min
Lab File: BF135682.D
Acq: 10 Oct 2023 13:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 421663
Ion Ratio Lower Upper
278 100
139 15.4 13.4 20.0
279 22.8 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 45.363 ng
RT: 17.351 min Scan# 2595
Delta R.T. 0.000 min
Lab File: BF135682.D
Acq: 10 Oct 2023 13:50

Tgt Ion:276 Resp: 446715
Ion Ratio Lower Upper
276 100
277 24.6 18.8 28.2
138 20.3 16.9 25.3

