

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091823\
 Data File : BF135304.D
 Acq On : 18 Sep 2023 13:52
 Operator : CG\JU
 Sample : PB155361BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155361BS

Quant Time: Sep 18 14:19:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	279981	20.000	ng	0.00
21) Naphthalene-d8	8.040	136	1082340	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	536241	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	1029823	20.000	ng	0.00
76) Chrysene-d12	13.951	240	488588	20.000	ng	0.00
86) Perylene-d12	15.410	264	534472	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	1078091	62.628	ng	0.01
7) Phenol-d6	6.410	99	1336595	61.063	ng	0.00
23) Nitrobenzene-d5	7.328	82	869262	43.634	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	324157	60.830	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1464152	41.194	ng	0.00
79) Terphenyl-d14	12.886	244	1419666	45.043	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.546	88	121740	16.132	ng	99
3) Pyridine	3.299	79	390488	19.226	ng	98
4) n-Nitrosodimethylamine	3.257	42	262222	24.330	ng	98
6) Aniline	6.428	93	520719	18.141	ng	# 83
8) 2-Chlorophenol	6.545	128	442945	24.104	ng	98
9) Benzaldehyde	6.316	77	271327	21.759	ng	99
10) Phenol	6.422	94	503741	20.987	ng	83
11) bis(2-Chloroethyl)ether	6.504	93	424338	23.569	ng	99
12) 1,3-Dichlorobenzene	6.698	146	431890	23.126	ng	99
13) 1,4-Dichlorobenzene	6.775	146	434102	22.847	ng	98
14) 1,2-Dichlorobenzene	6.928	146	413084	23.411	ng	98
15) Benzyl Alcohol	6.910	79	369929	23.551	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.040	45	806085	23.753	ng	98
17) 2-Methylphenol	7.022	107	348059	21.463	ng	97
18) Hexachloroethane	7.263	117	166300	23.688	ng	90
19) n-Nitroso-di-n-propyla...	7.175	70	279162	20.590	ng	92
20) 3+4-Methylphenols	7.175	107	389673	19.984	ng	97
22) Acetophenone	7.175	105	552751	22.338	ng	# 97
24) Nitrobenzene	7.345	77	455312	23.123	ng	99
25) Isophorone	7.587	82	846566	23.142	ng	99
26) 2-Nitrophenol	7.657	139	229393	24.273	ng	95
27) 2,4-Dimethylphenol	7.698	122	377106	23.740	ng	99
28) bis(2-Chloroethoxy)met...	7.792	93	523762	23.921	ng	100
29) 2,4-Dichlorophenol	7.904	162	345134	23.448	ng	97
30) 1,2,4-Trichlorobenzene	7.981	180	367249	23.870	ng	99
31) Naphthalene	8.063	128	1190712	22.642	ng	100
32) Benzoic acid	7.840	122	288172	24.091	ng	100
33) 4-Chloroaniline	8.116	127	438482	19.005	ng	99
34) Hexachlorobutadiene	8.175	225	209447	22.577	ng	100
35) Caprolactam	8.492	113	68050	13.775	ng	92
36) 4-Chloro-3-methylphenol	8.604	107	381102	23.296	ng	97
37) 2-Methylnaphthalene	8.751	142	774311	21.905	ng	98
38) 1-Methylnaphthalene	8.851	142	709627	21.442	ng	100
40) 1,2,4,5-Tetrachloroben...	8.922	216	353691	22.767	ng	99
41) Hexachlorocyclopentadiene	8.904	237	275026	43.853	ng	100
43) 2,4,6-Trichlorophenol	9.034	196	243278	23.917	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.081	196	262165	22.381	ng	99
46) 1,1'-Biphenyl	9.222	154	935941	22.712	ng	99
47) 2-Chloronaphthalene	9.245	162	710074	23.748	ng	99
48) 2-Nitroaniline	9.345	65	286022	24.623	ng	96
49) Acenaphthylene	9.663	152	1121450	22.568	ng	100
50) Dimethylphthalate	9.528	163	842289	23.232	ng	100
51) 2,6-Dinitrotoluene	9.592	165	192649	24.256	ng	92
52) Acenaphthene	9.834	154	680070	23.167	ng	98
53) 3-Nitroaniline	9.763	138	193244	20.728	ng	97
54) 2,4-Dinitrophenol	9.881	184	212934	49.786	ng	92
55) Dibenzofuran	10.004	168	983396	21.953	ng	97
56) 4-Nitrophenol	9.939	139	294129	49.640	ng	99
57) 2,4-Dinitrotoluene	9.998	165	228377	22.968	ng	# 86
58) Fluorene	10.351	166	771871	22.414	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.128	232	213629	23.708	ng	99
60) Diethylphthalate	10.228	149	844385	23.207	ng	99
61) 4-Chlorophenyl-phenyle...	10.339	204	358360	21.663	ng	99
62) 4-Nitroaniline	10.381	138	220343	24.587	ng	99
63) Azobenzene	10.504	77	853295	23.962	ng	97
65) 4,6-Dinitro-2-methylph...	10.416	198	142762	26.100	ng	87
66) n-Nitrosodiphenylamine	10.463	169	734881	23.571	ng	99
67) 4-Bromophenyl-phenylether	10.833	248	230962	22.550	ng	96
68) Hexachlorobenzene	10.898	284	246571	23.630	ng	# 91
69) Atrazine	10.998	200	230890	27.523	ng	99
70) Pentachlorophenol	11.098	266	241555	38.692	ng	100
71) Phenanthrene	11.316	178	1143593	23.479	ng	99
72) Anthracene	11.369	178	1150279	22.976	ng	100
73) Carbazole	11.528	167	1087149	23.854	ng	100
74) Di-n-butylphthalate	11.857	149	1290957	24.039	ng	99
75) Fluoranthene	12.510	202	1168045	23.015	ng	99
77) Benzidine	12.639	184	443054	44.263	ng	99
78) Pyrene	12.739	202	1170986	25.173	ng	100
80) Butylbenzylphthalate	13.363	149	422851	25.818	ng	95
81) Benzo(a)anthracene	13.939	228	716269	22.703	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	233574	23.702	ng	# 97
83) Chrysene	13.974	228	702639	22.400	ng	99
84) Bis(2-ethylhexyl)phtha...	13.927	149	451263	26.850	ng	# 99
85) Di-n-octyl phthalate	14.545	149	693300	25.958	ng	99
87) Indeno(1,2,3-cd)pyrene	16.892	276	816433	23.298	ng	98
88) Benzo(b)fluoranthene	14.986	252	667768	23.080	ng	99
89) Benzo(k)fluoranthene	15.016	252	613697	21.473	ng	99
90) Benzo(a)pyrene	15.351	252	600552	21.766	ng	98
91) Dibenzo(a,h)anthracene	16.910	278	659094	22.986	ng	99
92) Benzo(g,h,i)perylene	17.345	276	680104	22.711	ng	97

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

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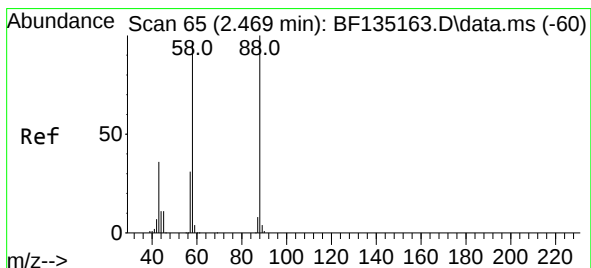
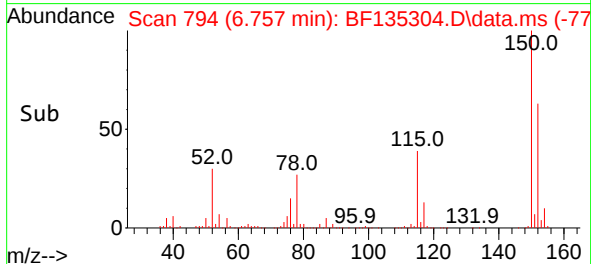
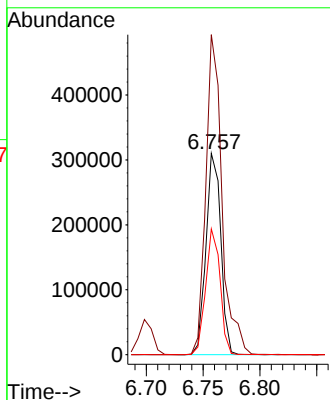
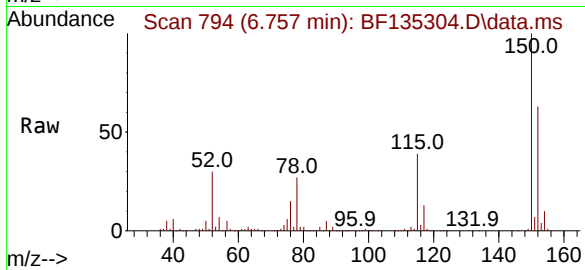




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.757 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF135304.D
 Acq: 18 Sep 2023 13:52

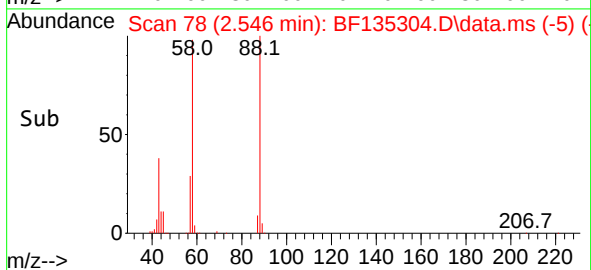
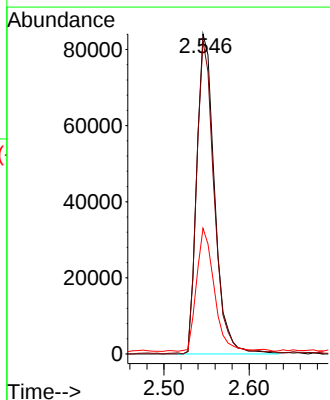
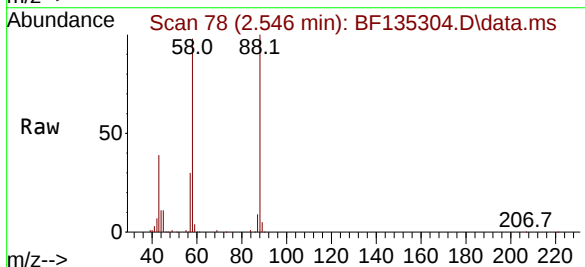
Instrument :
 BNA_F
 ClientSampleId :
 PB155361BS

Tgt Ion:152 Resp: 279981
 Ion Ratio Lower Upper
 152 100
 150 159.0 127.8 191.6
 115 62.5 49.8 74.8



#2
 1,4-Dioxane
 Concen: 16.132 ng
 RT: 2.546 min Scan# 78
 Delta R.T. 0.077 min
 Lab File: BF135304.D
 Acq: 18 Sep 2023 13:52

Tgt Ion: 88 Resp: 121740
 Ion Ratio Lower Upper
 88 100
 58 97.0 78.3 117.5
 43 38.0 29.4 44.0





#3

Pyridine

Concen: 19.226 ng

RT: 3.299 min Scan# 206

Delta R.T. 0.083 min

Lab File: BF135304.D

Acq: 18 Sep 2023 13:52

Instrument :

BNA_F

ClientSampleId :

PB155361BS

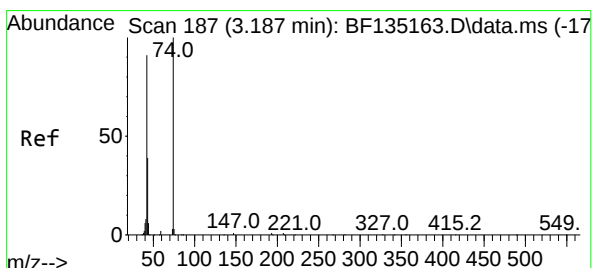
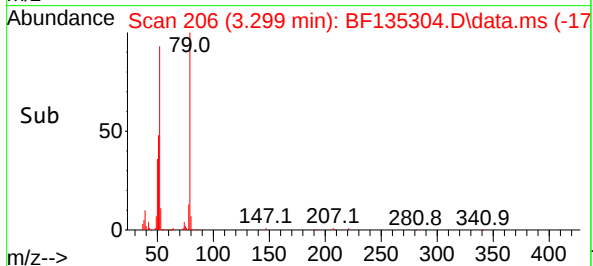
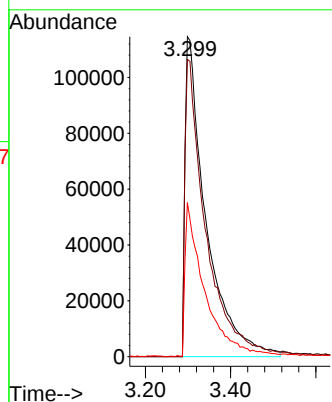
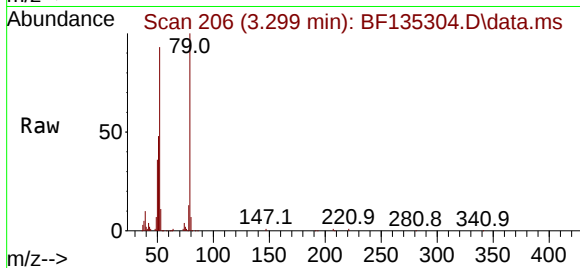
Tgt Ion: 79 Resp: 390488

Ion Ratio Lower Upper

79 100

52 92.9 74.1 111.1

51 48.2 35.8 53.8



#4

n-Nitrosodimethylamine

Concen: 24.330 ng

RT: 3.257 min Scan# 199

Delta R.T. 0.071 min

Lab File: BF135304.D

Acq: 18 Sep 2023 13:52

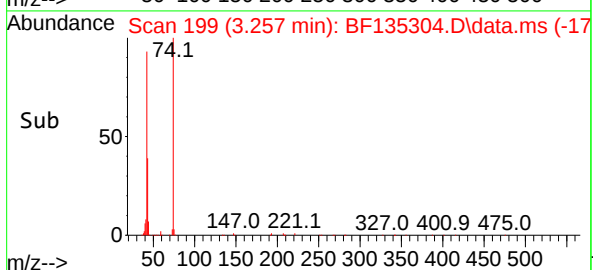
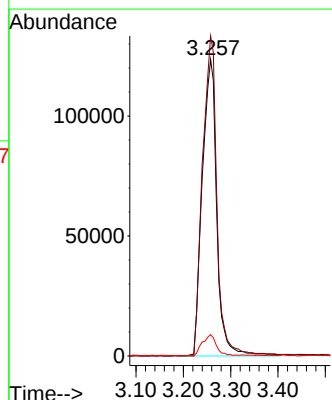
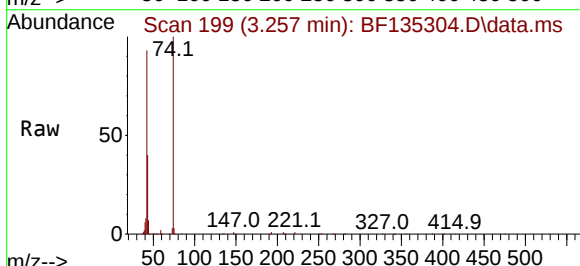
Tgt Ion: 42 Resp: 262222

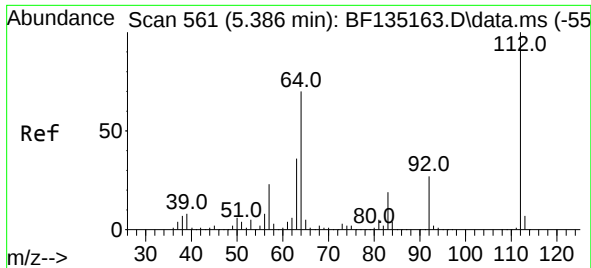
Ion Ratio Lower Upper

42 100

74 107.9 87.7 131.5

44 7.2 5.6 8.4

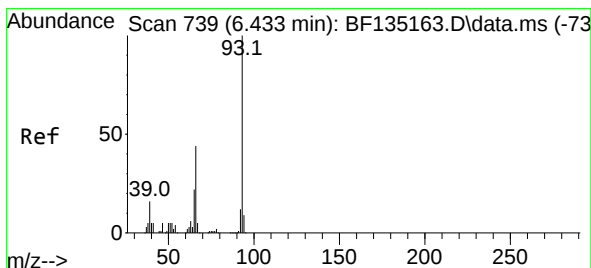
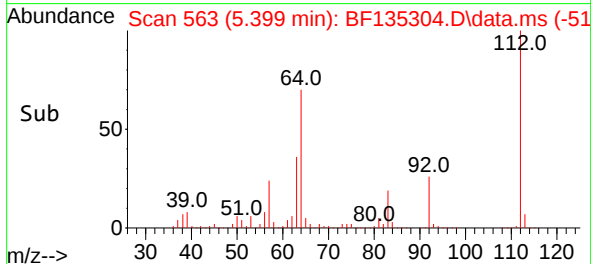
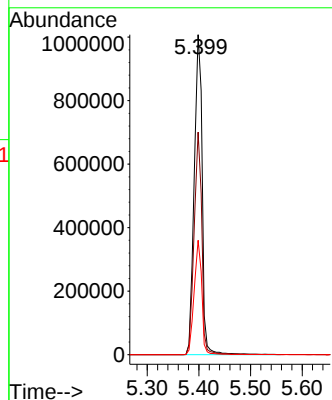
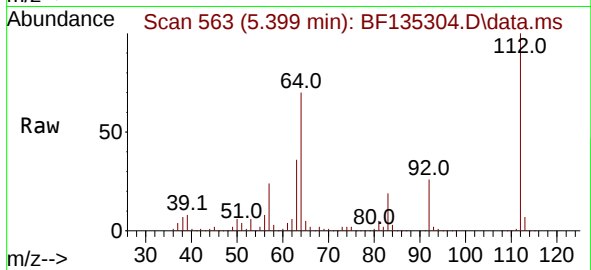




#5
2-Fluorophenol
Concen: 62.628 ng
RT: 5.399 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

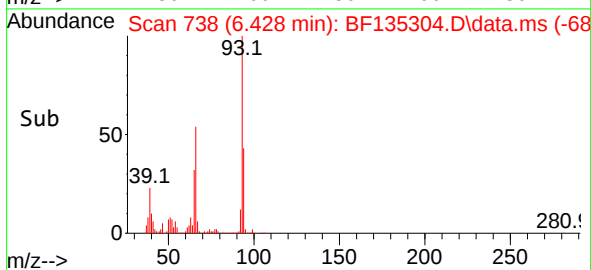
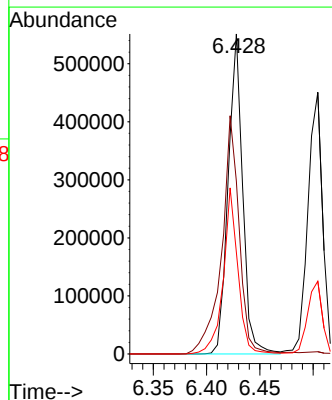
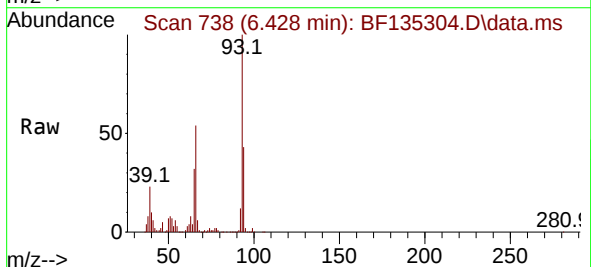
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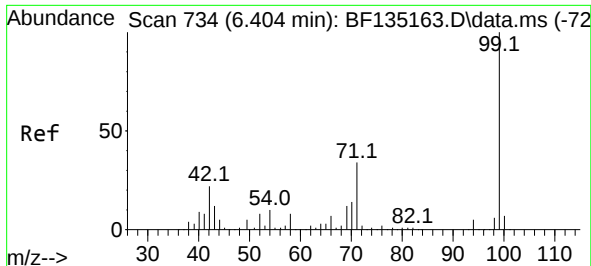
Tgt Ion:112 Resp: 1078091
Ion Ratio Lower Upper
112 100
64 69.6 55.9 83.9
63 35.8 29.0 43.6



#6
Aniline
Concen: 18.141 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

Tgt Ion: 93 Resp: 520719
Ion Ratio Lower Upper
93 100
66 54.0 35.4 53.0#
65 31.8 17.8 26.8#





#7

Phenol-d6

Concen: 61.063 ng

RT: 6.410 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF135304.D

Acq: 18 Sep 2023 13:52

Instrument :

BNA_F

ClientSampleId :

PB155361BS

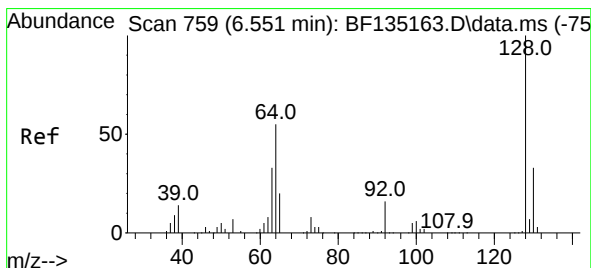
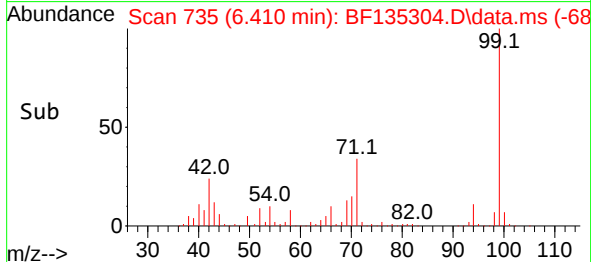
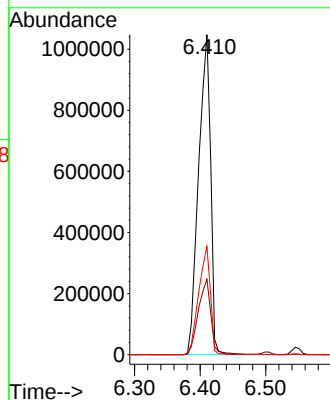
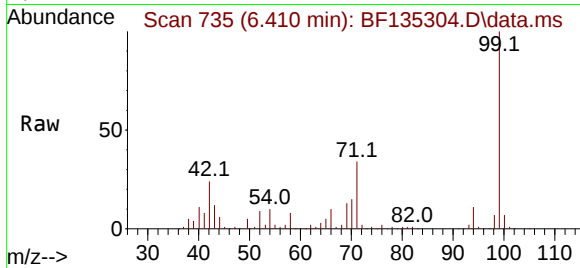
Tgt Ion: 99 Resp: 1336595

Ion Ratio Lower Upper

99 100

42 23.6 17.9 26.9

71 33.8 27.0 40.6



#8

2-Chlorophenol

Concen: 24.104 ng

RT: 6.545 min Scan# 758

Delta R.T. -0.006 min

Lab File: BF135304.D

Acq: 18 Sep 2023 13:52

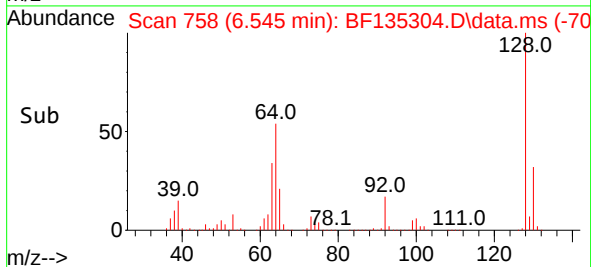
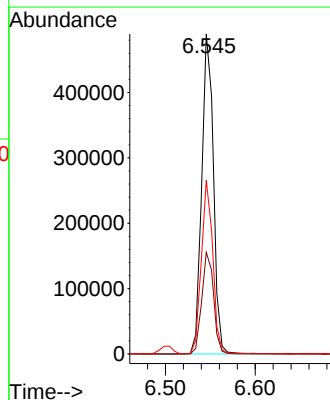
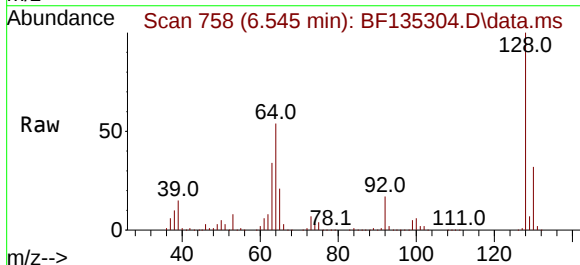
Tgt Ion:128 Resp: 442945

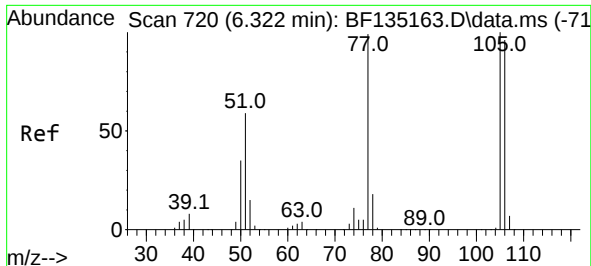
Ion Ratio Lower Upper

128 100

130 31.7 12.7 52.7

64 54.3 35.9 75.9





#9

Benzaldehyde

Concen: 21.759 ng

RT: 6.316 min Scan# 719

Delta R.T. -0.006 min

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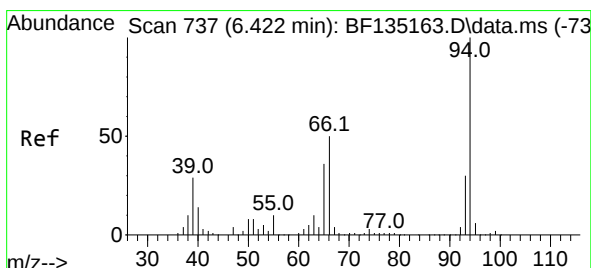
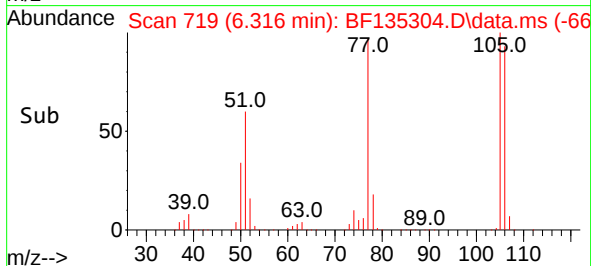
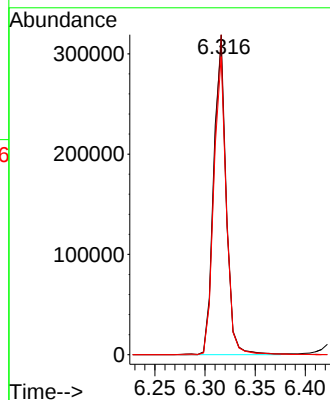
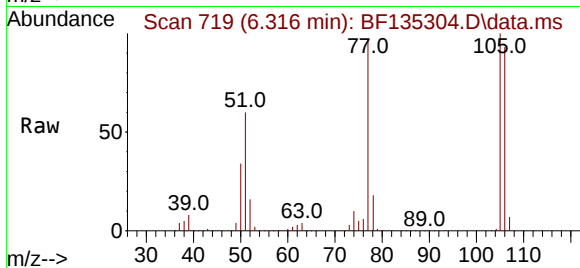
Tgt Ion: 77 Resp: 271327

Ion Ratio Lower Upper

77 100

105 102.7 81.4 121.4

106 95.7 76.9 116.9



#10

Phenol

Concen: 20.987 ng

RT: 6.422 min Scan# 737

Delta R.T. 0.000 min

Lab File: BF135304.D

Acq: 18 Sep 2023 13:52

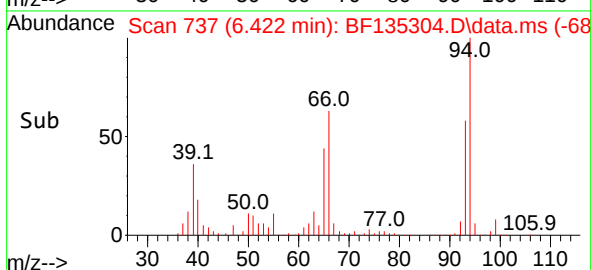
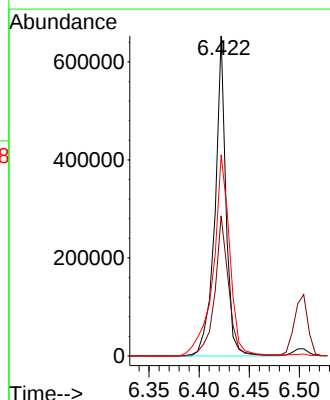
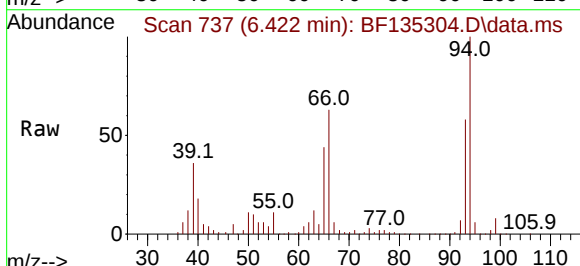
Tgt Ion: 94 Resp: 503741

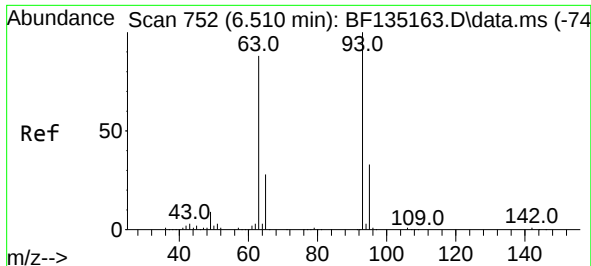
Ion Ratio Lower Upper

94 100

65 43.8 15.9 55.9

66 62.9 29.8 69.8

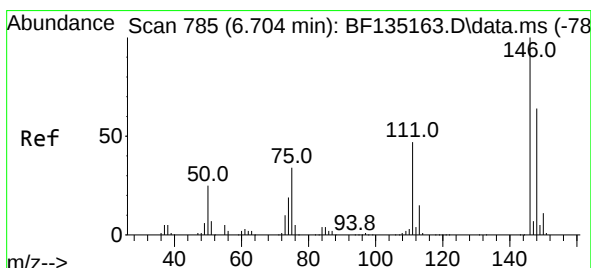
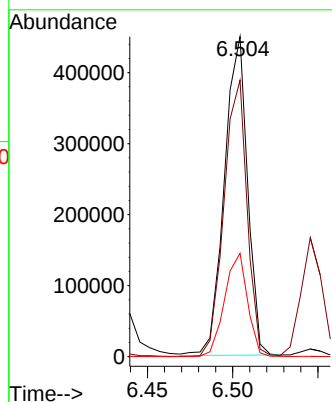
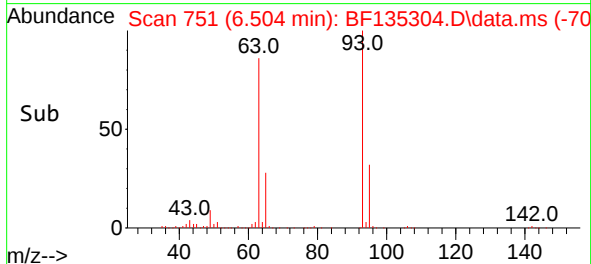
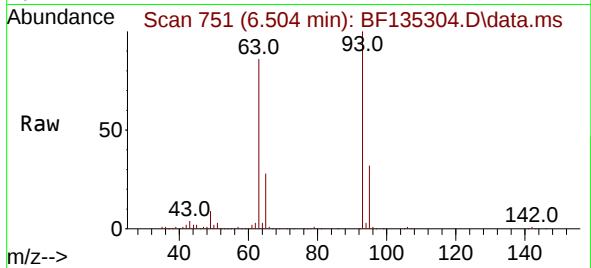




#11
bis(2-Chloroethyl)ether
Concen: 23.569 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

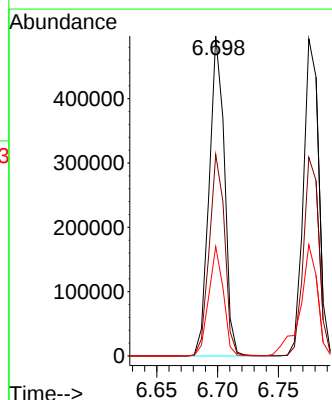
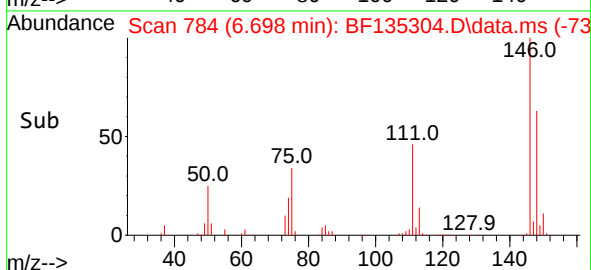
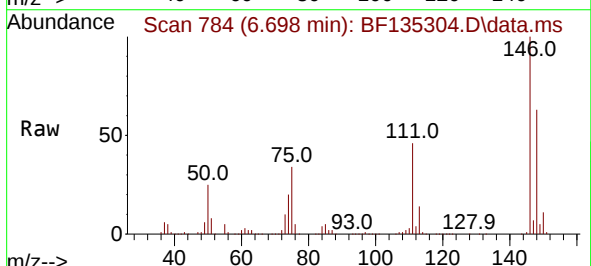
Instrument :
BNA_F
ClientSampleId :
PB155361BS

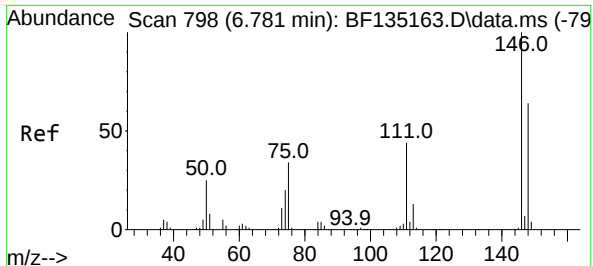
Tgt Ion: 93 Resp: 424338
Ion Ratio Lower Upper
93 100
63 86.4 67.3 107.3
95 32.3 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 23.126 ng
RT: 6.698 min Scan# 784
Delta R.T. -0.006 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

Tgt Ion:146 Resp: 431890
Ion Ratio Lower Upper
146 100
148 62.9 51.3 76.9
75 34.2 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 22.847 ng

RT: 6.775 min Scan# 798

Delta R.T. -0.006 min

Lab File: BF135304.D

Acq: 18 Sep 2023 13:52

Instrument :

BNA_F

ClientSampleId :

PB155361BS

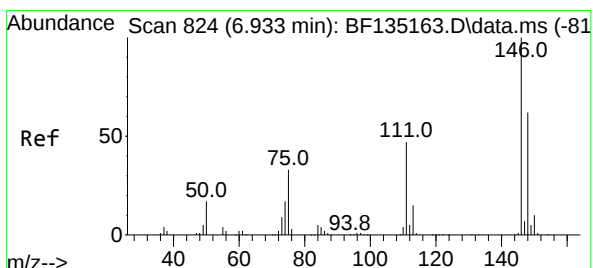
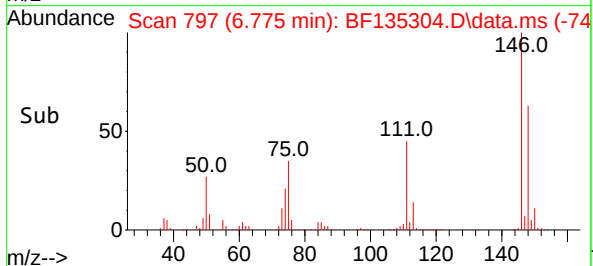
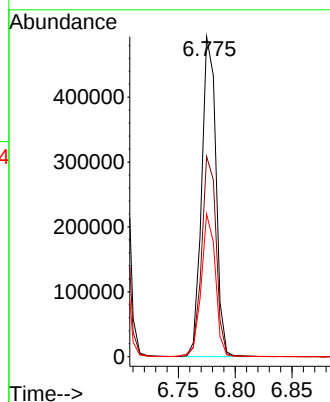
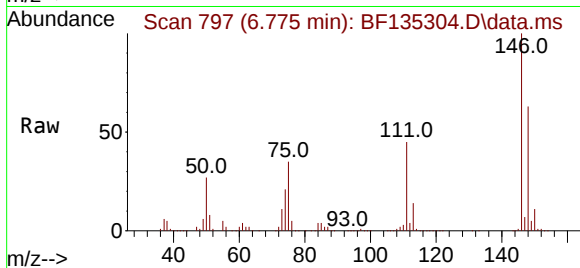
Tgt Ion:146 Resp: 434102

Ion Ratio Lower Upper

146 100

148 62.6 51.3 76.9

111 44.6 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 23.411 ng

RT: 6.928 min Scan# 823

Delta R.T. -0.006 min

Lab File: BF135304.D

Acq: 18 Sep 2023 13:52

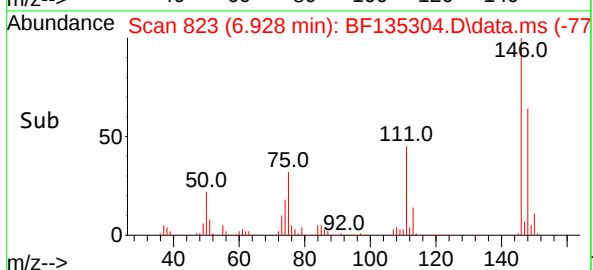
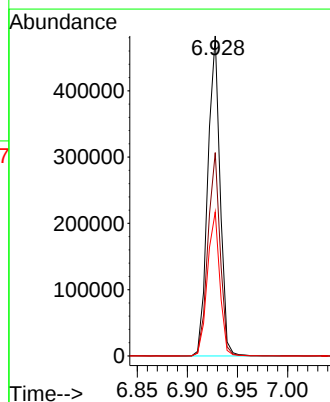
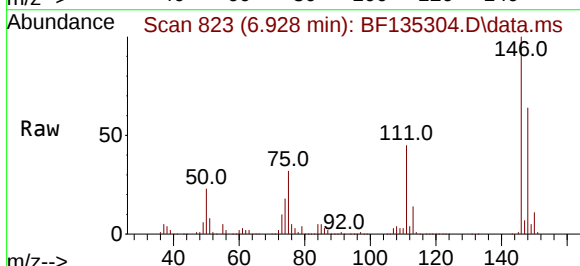
Tgt Ion:146 Resp: 413084

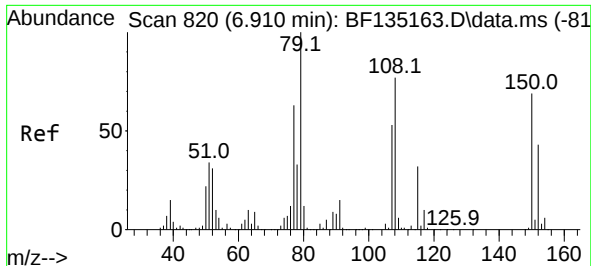
Ion Ratio Lower Upper

146 100

148 63.5 49.7 74.5

111 45.0 37.4 56.2

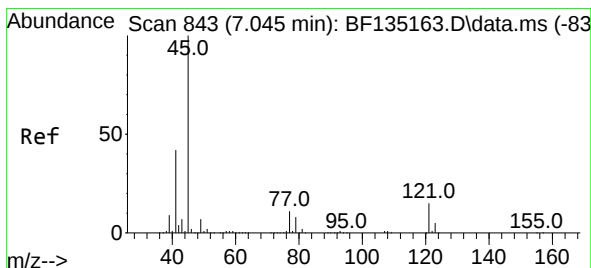
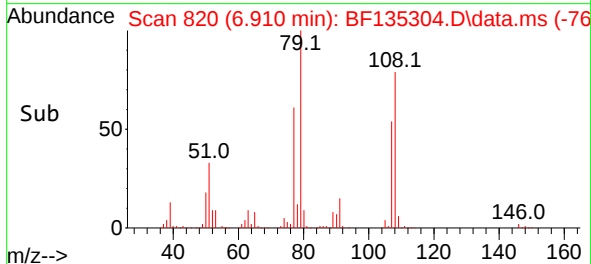
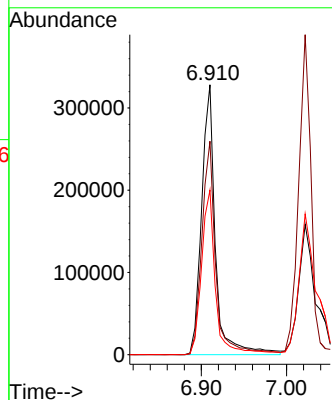
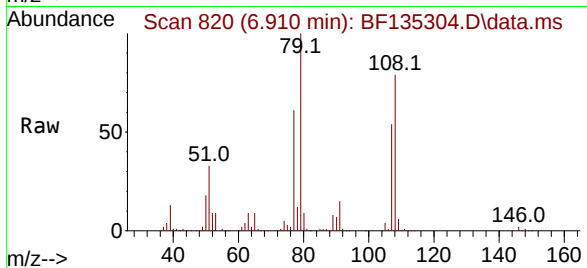




#15
Benzyl Alcohol
Concen: 23.551 ng
RT: 6.910 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

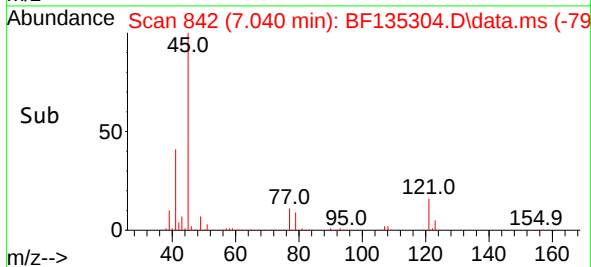
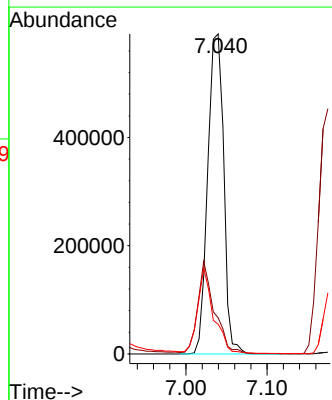
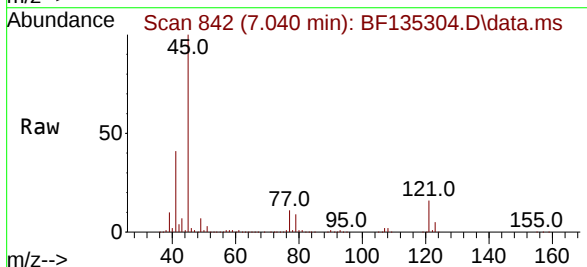
Instrument :
BNA_F
ClientSampleId :
PB155361BS

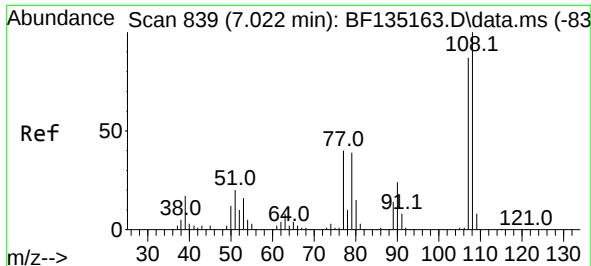
Tgt Ion: 79 Resp: 369929
Ion Ratio Lower Upper
79 100
108 79.1 61.2 91.8
77 61.0 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 23.753 ng
RT: 7.040 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

Tgt Ion: 45 Resp: 806085
Ion Ratio Lower Upper
45 100
77 11.3 0.0 30.6
79 9.3 0.0 28.3

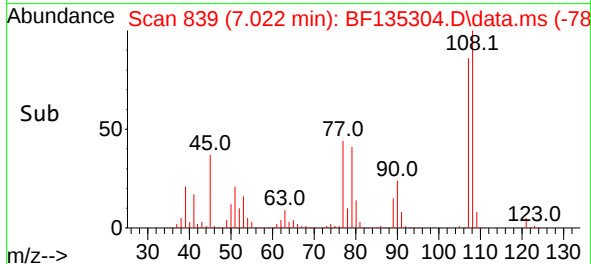
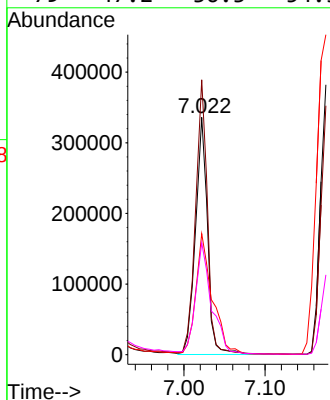
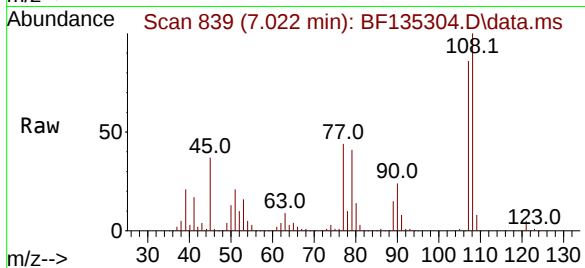




#17
2-Methylphenol
Concen: 21.463 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

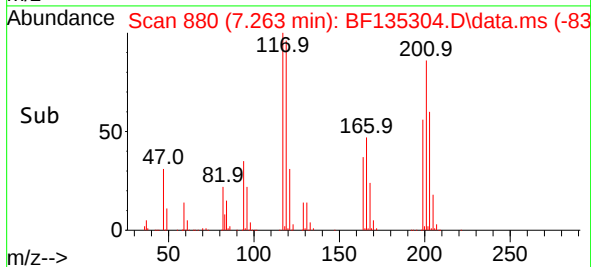
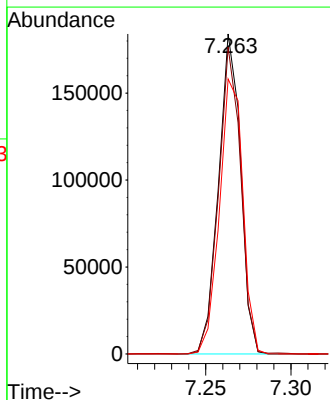
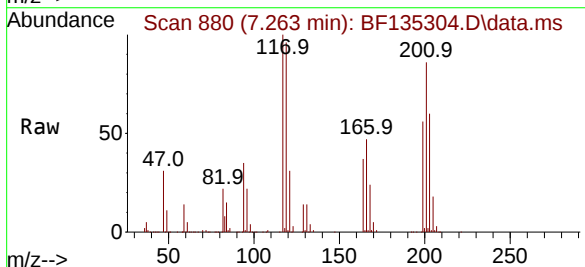
Instrument :
BNA_F
ClientSampleId :
PB155361BS

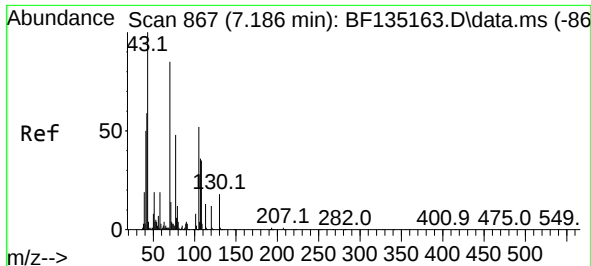
Tgt Ion:107 Resp: 348059
Ion Ratio Lower Upper
107 100
108 115.9 92.0 138.0
77 51.0 36.7 55.1
79 47.2 36.3 54.5



#18
Hexachloroethane
Concen: 23.688 ng
RT: 7.263 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

Tgt Ion:117 Resp: 166300
Ion Ratio Lower Upper
117 100
119 95.9 74.7 112.1
201 85.9 81.8 122.8





#19

n-Nitroso-di-n-propylamine

Concen: 20.590 ng

RT: 7.175 min Scan# 865

Delta R.T. -0.012 min

Lab File: BF135304.D

Acq: 18 Sep 2023 13:52

Instrument :

BNA_F

ClientSampleId :

PB155361BS

Tgt Ion: 70 Resp: 279162

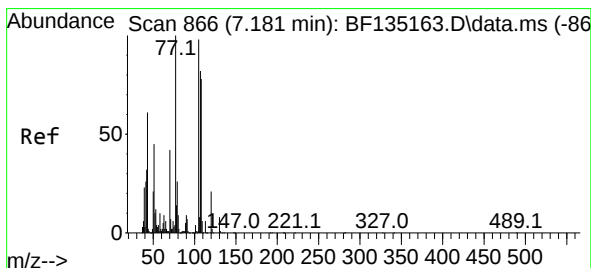
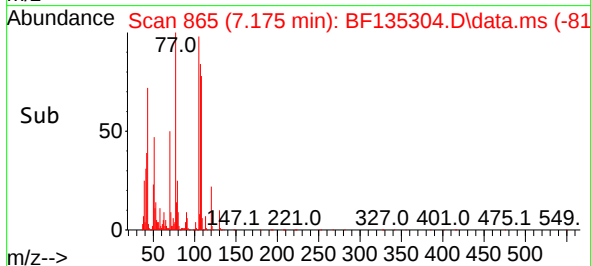
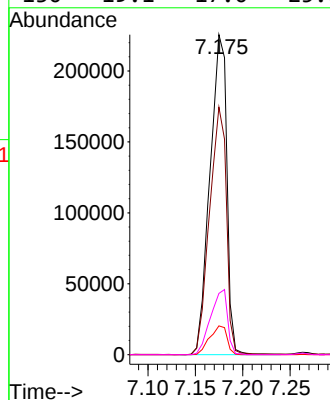
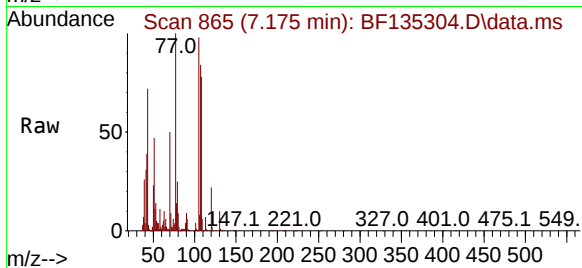
Ion Ratio Lower Upper

70 100

42 77.3 55.4 83.0

101 9.0 7.7 11.5

130 19.1 17.0 25.6



#20

3+4-Methylphenols

Concen: 19.984 ng

RT: 7.175 min Scan# 865

Delta R.T. -0.006 min

Lab File: BF135304.D

Acq: 18 Sep 2023 13:52

Tgt Ion: 107 Resp: 389673

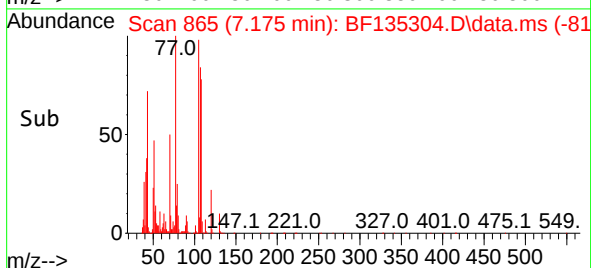
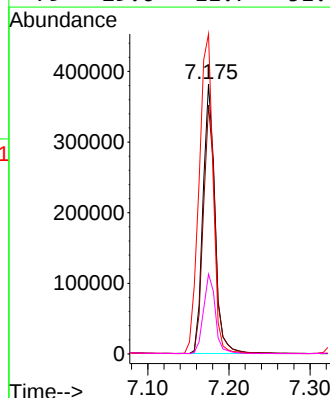
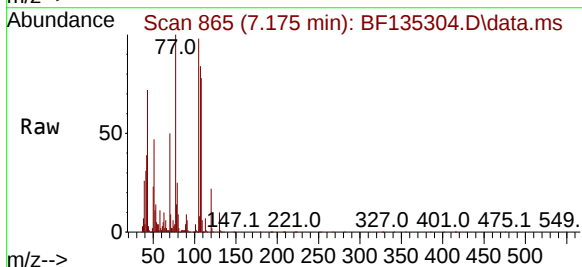
Ion Ratio Lower Upper

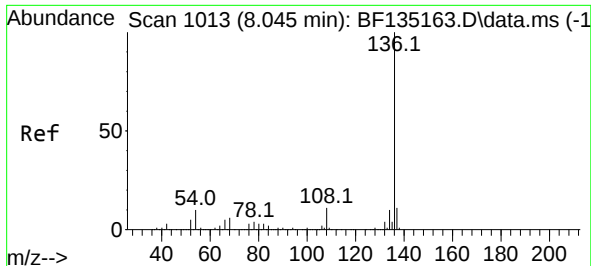
107 100

108 92.2 74.7 114.7

77 118.6 102.0 142.0

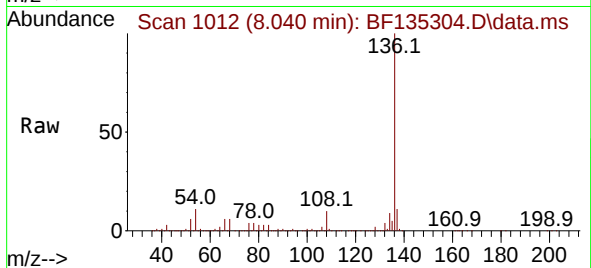
79 29.6 11.7 51.7



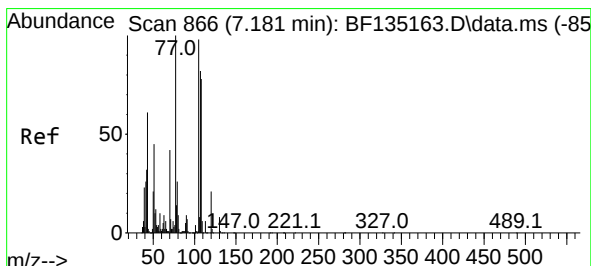
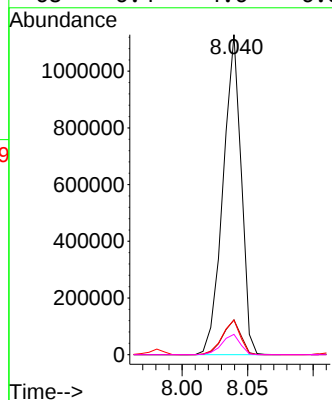
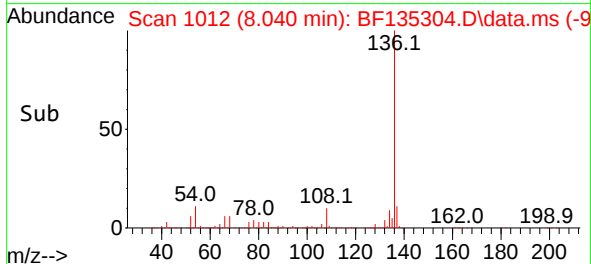


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.040 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

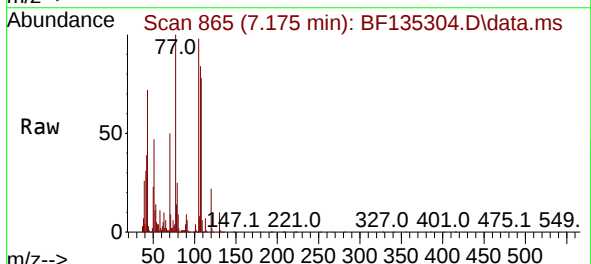
Instrument :
BNA_F
ClientSampleId :
PB155361BS



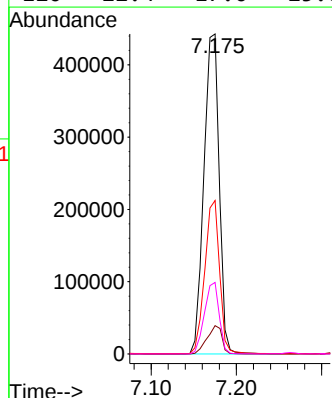
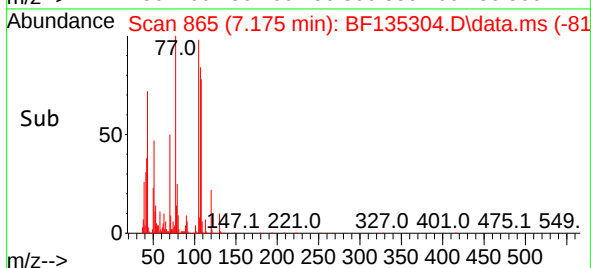
Tgt Ion:136 Resp: 1082340
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 10.8 7.7 11.5
68 6.4 4.6 6.8

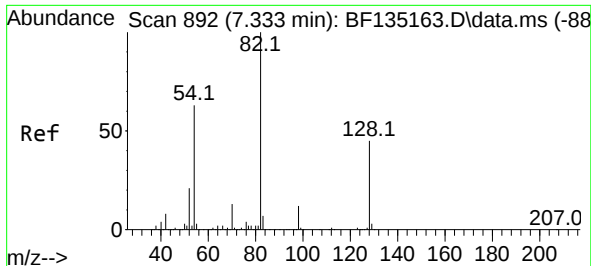


#22
Acetophenone
Concen: 22.338 ng
RT: 7.175 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52



Tgt Ion:105 Resp: 552751
Ion Ratio Lower Upper
105 100
71 8.9 5.8 8.6#
51 48.0 37.0 55.4
120 22.4 17.0 25.6

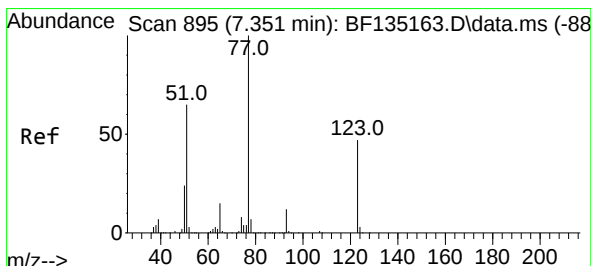
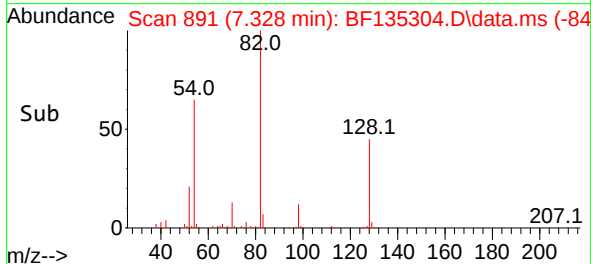
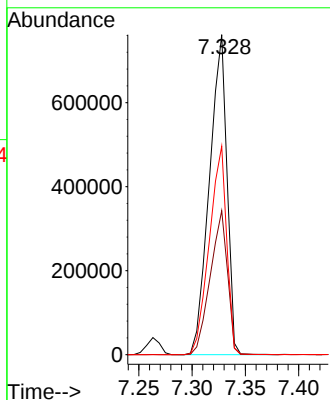
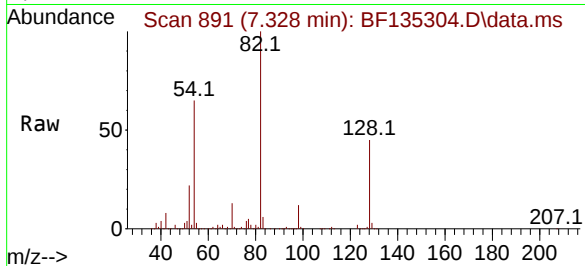




#23
Nitrobenzene-d5
Concen: 43.634 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

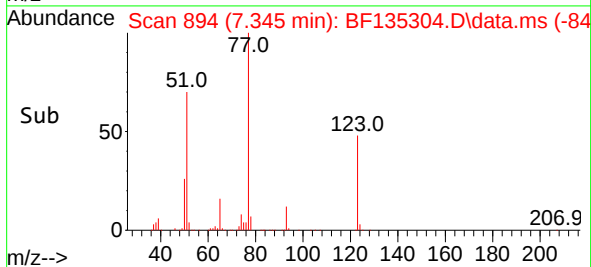
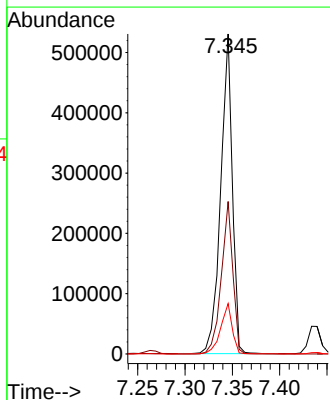
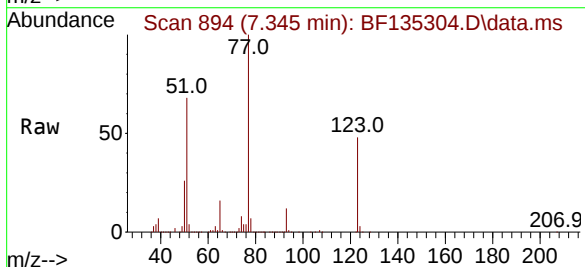
Instrument :
BNA_F
ClientSampleId :
PB155361BS

Tgt Ion: 82 Resp: 869262
Ion Ratio Lower Upper
82 100
128 45.0 35.8 53.6
54 65.1 50.6 76.0



#24
Nitrobenzene
Concen: 23.123 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

Tgt Ion: 77 Resp: 455312
Ion Ratio Lower Upper
77 100
123 47.7 37.6 56.4
65 15.7 12.2 18.4

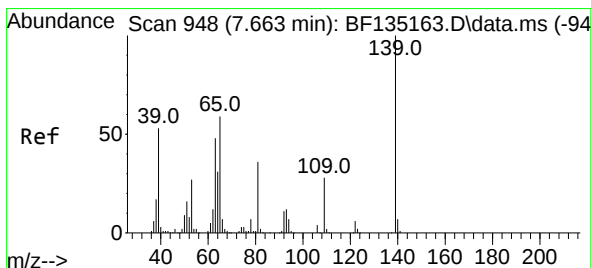
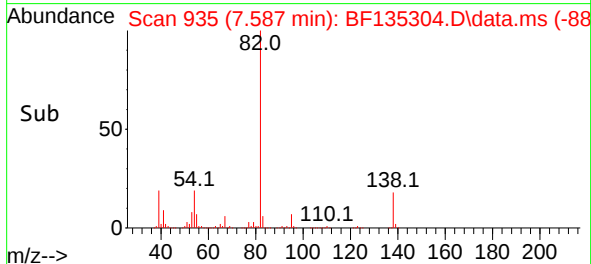
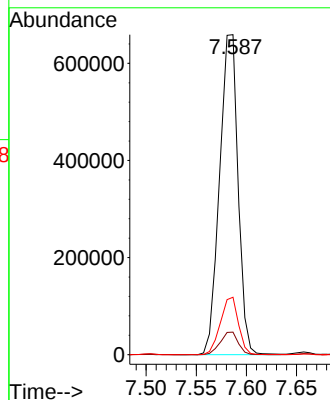
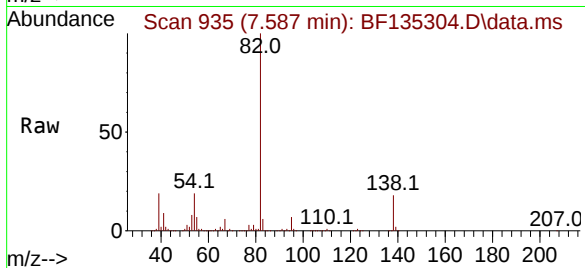




#25
Isophorone
Concen: 23.142 ng
RT: 7.587 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

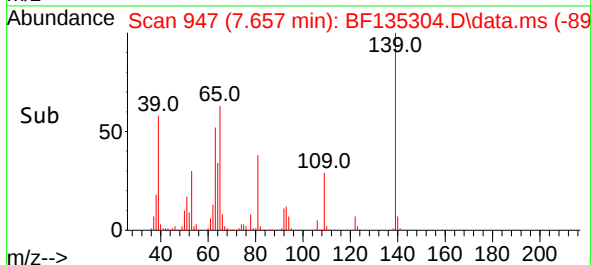
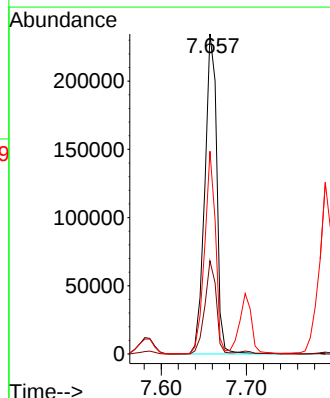
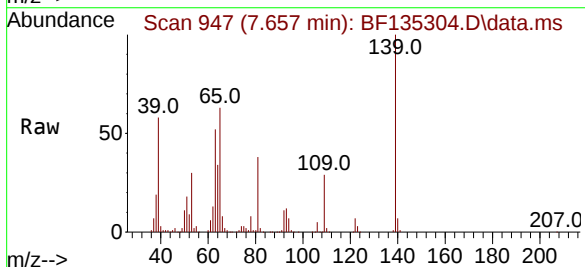
Instrument :
BNA_F
ClientSampleId :
PB155361BS

Tgt Ion: 82 Resp: 846566
Ion Ratio Lower Upper
82 100
95 7.1 6.0 9.0
138 17.9 14.5 21.7



#26
2-Nitrophenol
Concen: 24.273 ng
RT: 7.657 min Scan# 947
Delta R.T. -0.006 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

Tgt Ion:139 Resp: 229393
Ion Ratio Lower Upper
139 100
109 29.1 22.6 33.8
65 63.3 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 23.740 ng

RT: 7.698 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF135304.D

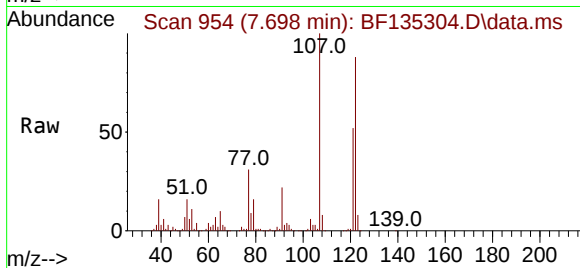
Acq: 18 Sep 2023 13:52

Instrument :

BNA_F

ClientSampleId :

PB155361BS



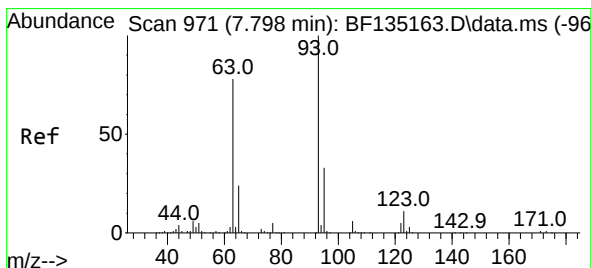
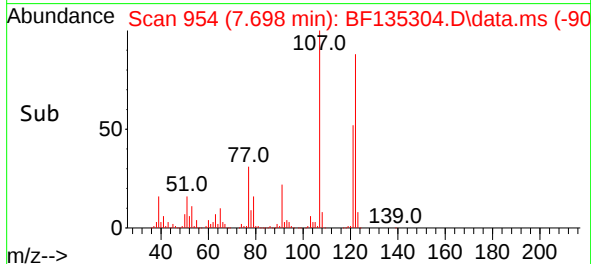
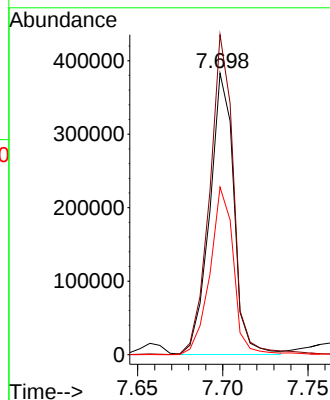
Tgt Ion:122 Resp: 377106

Ion Ratio Lower Upper

122 100

107 113.7 90.2 135.4

121 59.6 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 23.921 ng

RT: 7.792 min Scan# 970

Delta R.T. -0.006 min

Lab File: BF135304.D

Acq: 18 Sep 2023 13:52

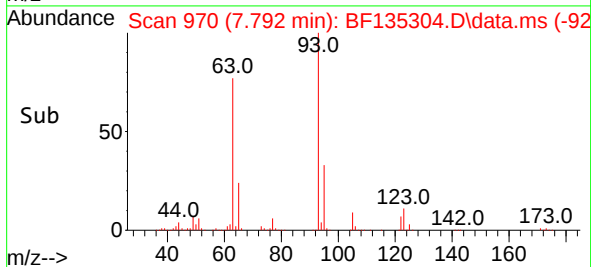
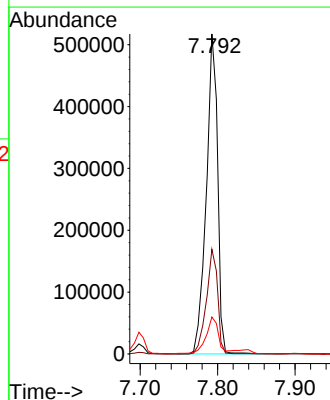
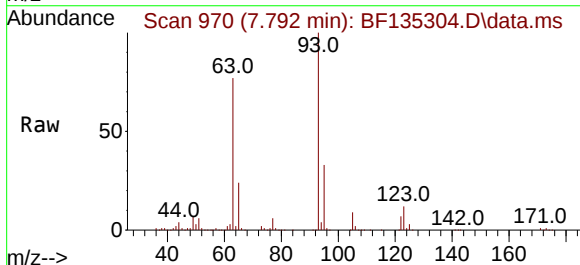
Tgt Ion: 93 Resp: 523762

Ion Ratio Lower Upper

93 100

95 32.7 26.2 39.2

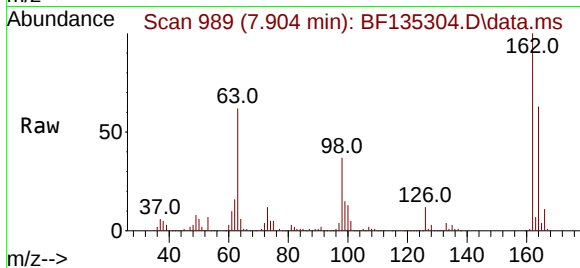
123 11.5 8.8 13.2



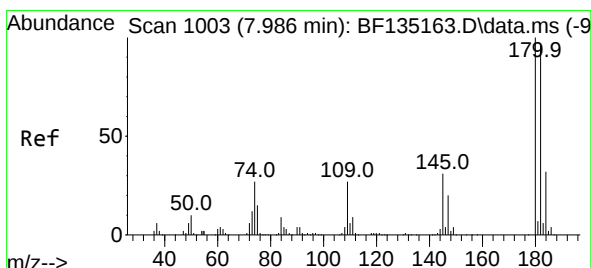
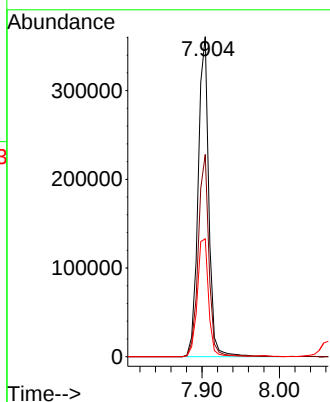
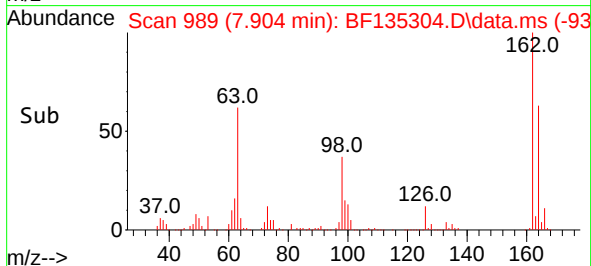


#29
2,4-Dichlorophenol
Concen: 23.448 ng
RT: 7.904 min Scan# 989
Delta R.T. 0.000 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

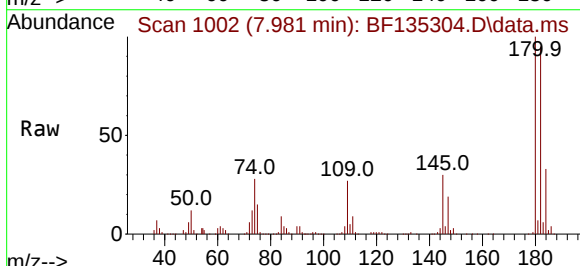
Instrument :
BNA_F
ClientSampleId :
PB155361BS



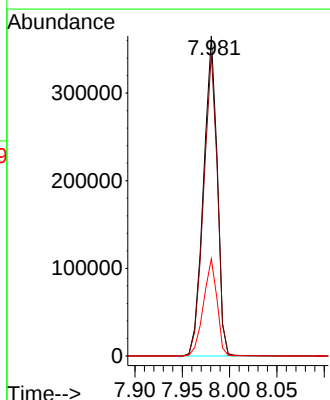
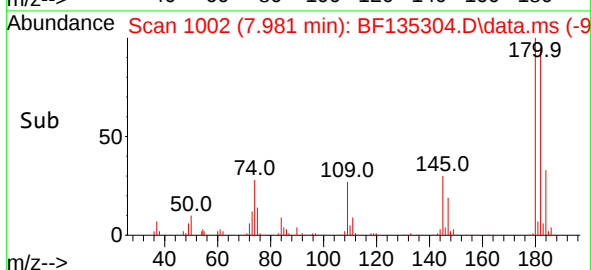
Tgt Ion:162 Resp: 345134
Ion Ratio Lower Upper
162 100
164 63.2 44.1 84.1
98 36.9 20.3 60.3



#30
1,2,4-Trichlorobenzene
Concen: 23.870 ng
RT: 7.981 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52



Tgt Ion:180 Resp: 367249
Ion Ratio Lower Upper
180 100
182 94.8 76.9 115.3
145 30.3 24.5 36.7

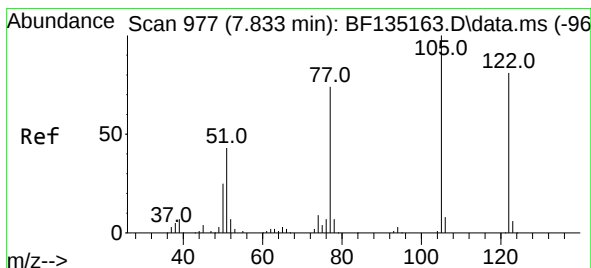
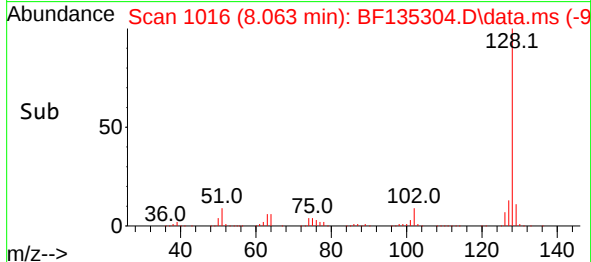
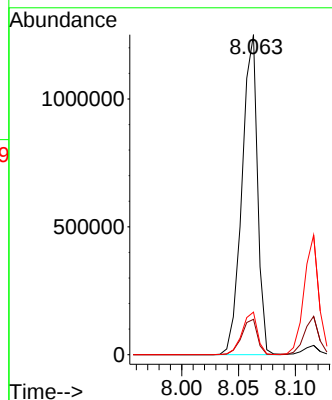
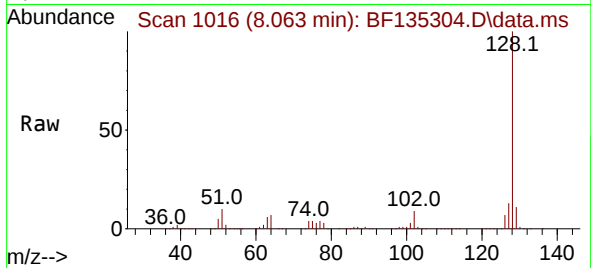




#31
Naphthalene
Concen: 22.642 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

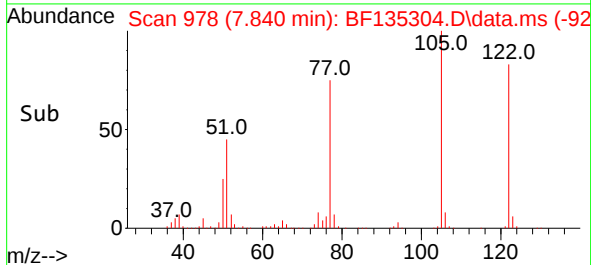
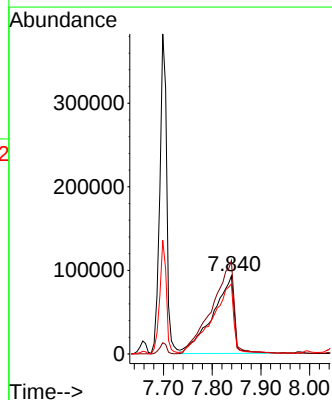
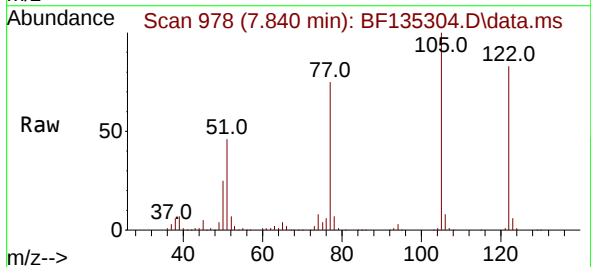
Instrument :
BNA_F
ClientSampleId :
PB155361BS

Tgt Ion:128 Resp: 1190712
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.3 10.7 16.1



#32
Benzoic acid
Concen: 24.091 ng
RT: 7.840 min Scan# 978
Delta R.T. 0.006 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

Tgt Ion:122 Resp: 288172
Ion Ratio Lower Upper
122 100
105 119.9 99.9 139.9
77 89.7 70.0 110.0

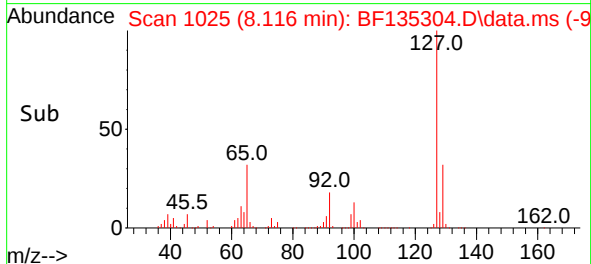
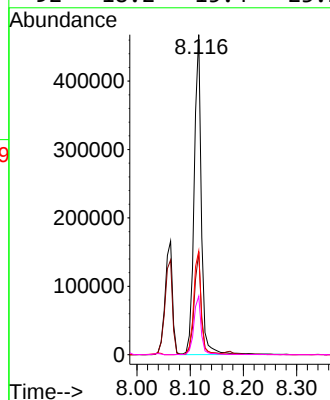
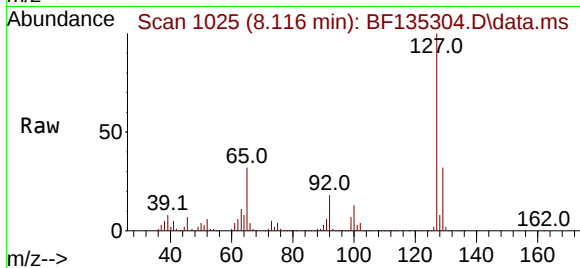




#33
4-Chloroaniline
Concen: 19.005 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

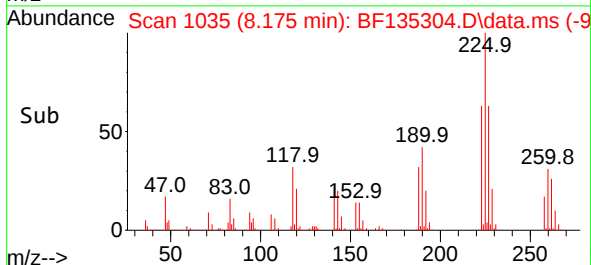
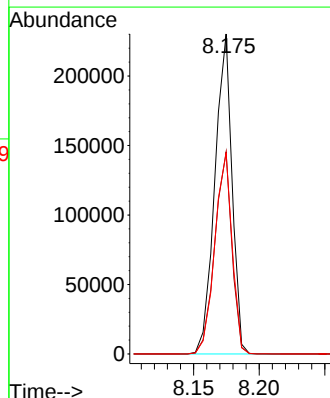
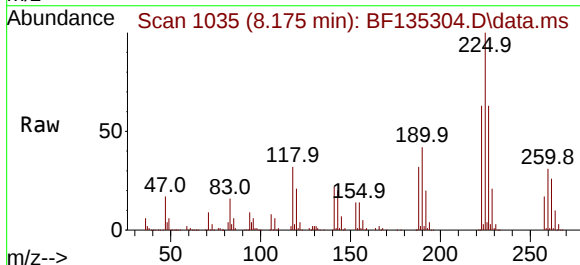
Instrument :
BNA_F
ClientSampleId :
PB155361BS

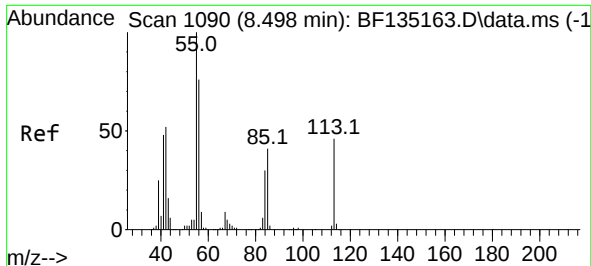
Tgt Ion:	127	Resp:	438482
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.8	38.8
65	32.4	26.6	39.8
92	18.2	15.4	23.2



#34
Hexachlorobutadiene
Concen: 22.577 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

Tgt Ion:	225	Resp:	209447
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.6	75.8
227	62.8	50.8	76.2

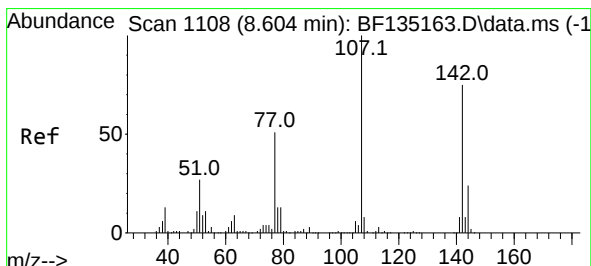
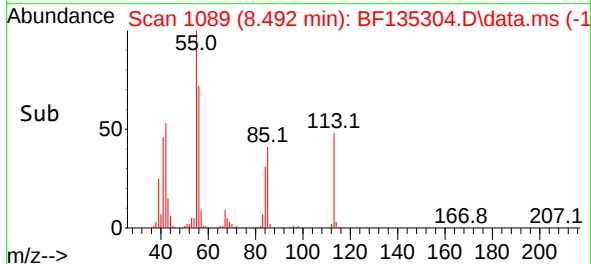
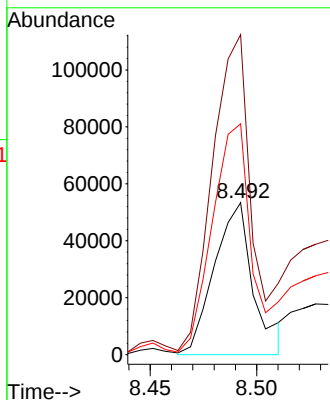
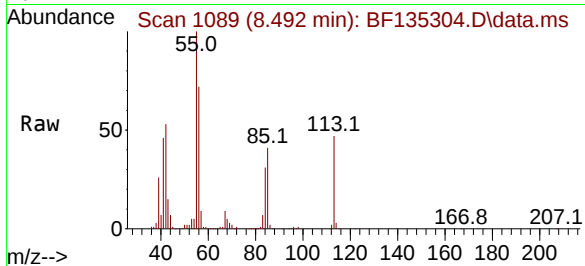




#35
 Caprolactam
 Concen: 13.775 ng
 RT: 8.492 min Scan# 1089
 Delta R.T. -0.006 min
 Lab File: BF135304.D
 Acq: 18 Sep 2023 13:52

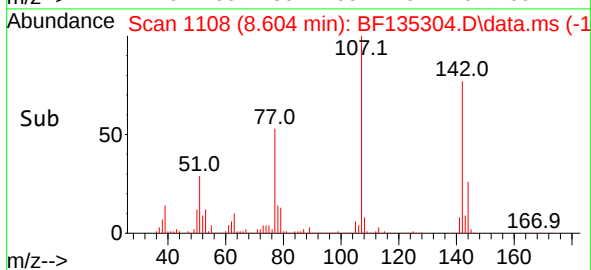
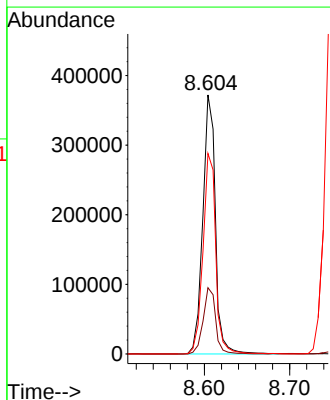
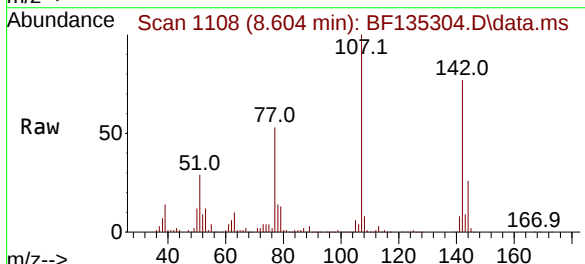
Instrument :
 BNA_F
 ClientSampleId :
 PB155361BS

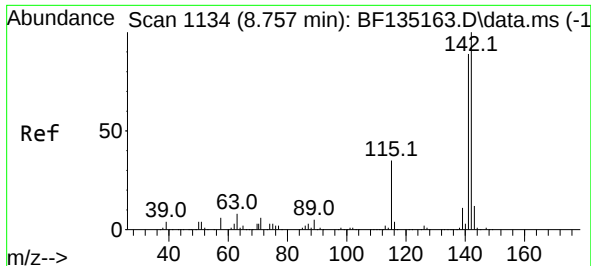
Tgt Ion:113 Resp: 68050
 Ion Ratio Lower Upper
 113 100
 55 210.6 199.3 239.3
 56 151.9 146.3 186.3



#36
 4-Chloro-3-methylphenol
 Concen: 23.296 ng
 RT: 8.604 min Scan# 1108
 Delta R.T. 0.000 min
 Lab File: BF135304.D
 Acq: 18 Sep 2023 13:52

Tgt Ion:107 Resp: 381102
 Ion Ratio Lower Upper
 107 100
 144 25.6 19.0 28.4
 142 77.4 60.2 90.2





#37

2-Methylnaphthalene

Concen: 21.905 ng

RT: 8.751 min Scan# 1134

Delta R.T. -0.006 min

Lab File: BF135304.D

Acq: 18 Sep 2023 13:52

Instrument :

BNA_F

ClientSampleId :

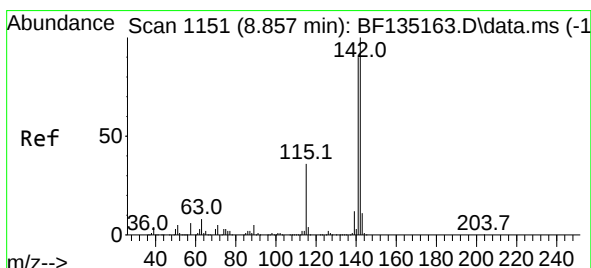
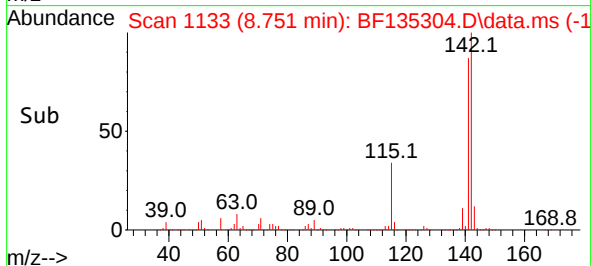
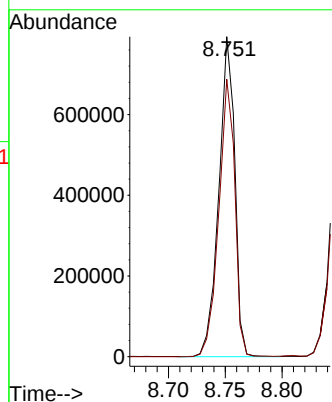
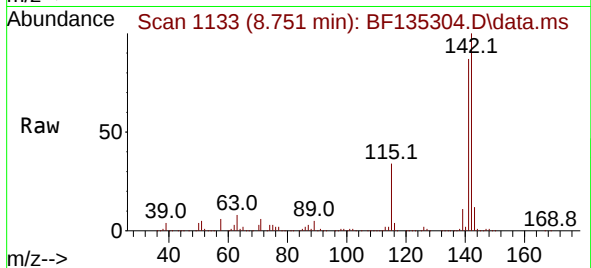
PB155361BS

Tgt Ion:142 Resp: 774311

Ion Ratio Lower Upper

142 100

141 86.7 71.0 106.6



#38

1-Methylnaphthalene

Concen: 21.442 ng

RT: 8.851 min Scan# 1150

Delta R.T. -0.006 min

Lab File: BF135304.D

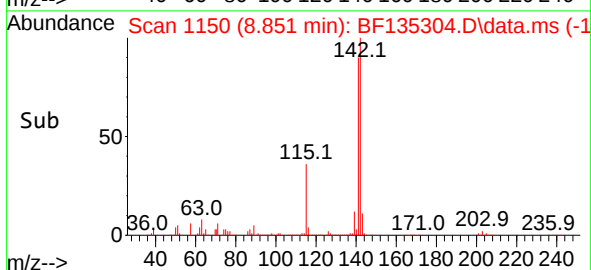
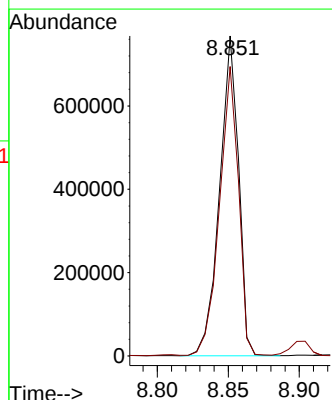
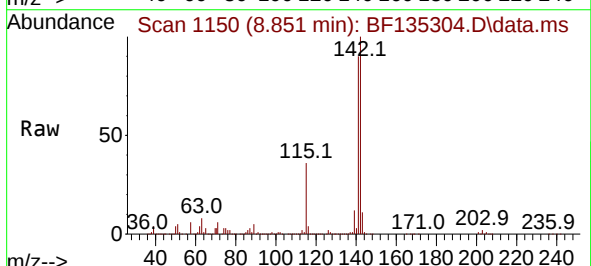
Acq: 18 Sep 2023 13:52

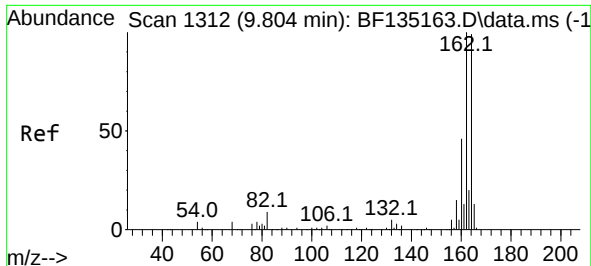
Tgt Ion:142 Resp: 709627

Ion Ratio Lower Upper

142 100

141 90.4 72.4 108.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.798 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135304.D

Acq: 18 Sep 2023 13:52

Instrument :

BNA_F

ClientSampleId :

PB155361BS

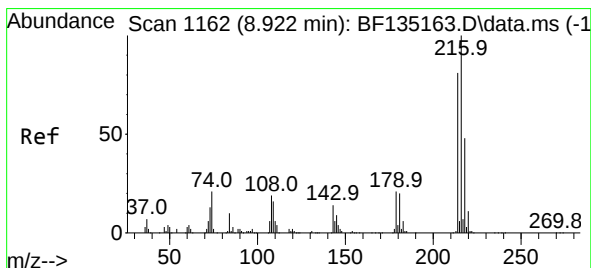
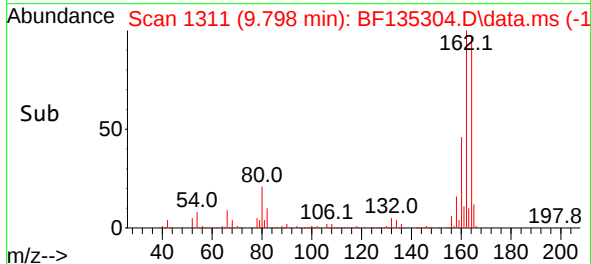
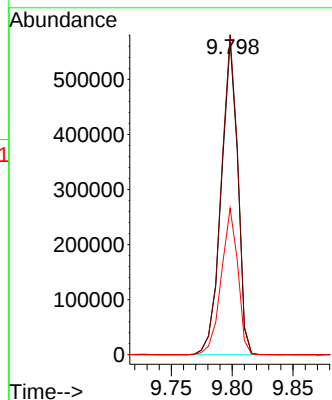
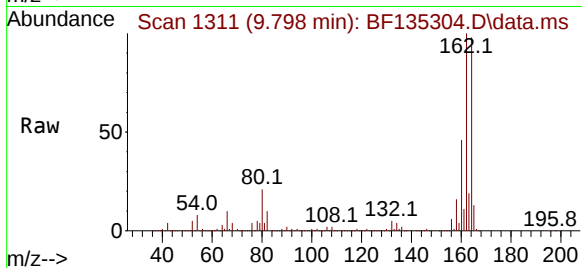
Tgt Ion:164 Resp: 536241

Ion Ratio Lower Upper

164 100

162 102.2 81.0 121.4

160 46.8 37.0 55.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 22.767 ng

RT: 8.922 min Scan# 1162

Delta R.T. 0.000 min

Lab File: BF135304.D

Acq: 18 Sep 2023 13:52

Tgt Ion:216 Resp: 353691

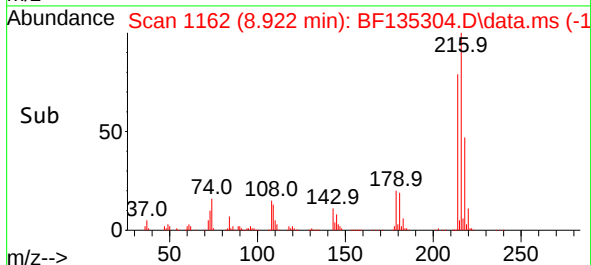
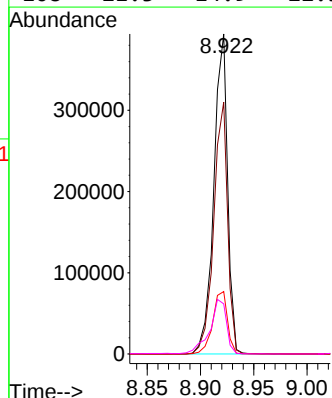
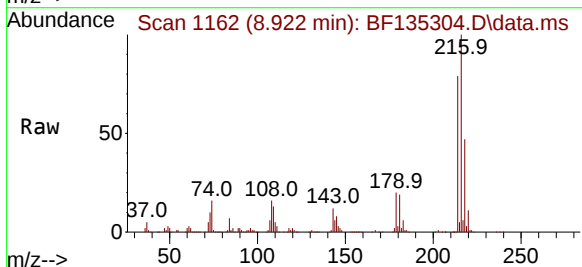
Ion Ratio Lower Upper

216 100

214 79.5 63.7 95.5

179 21.0 16.7 25.1

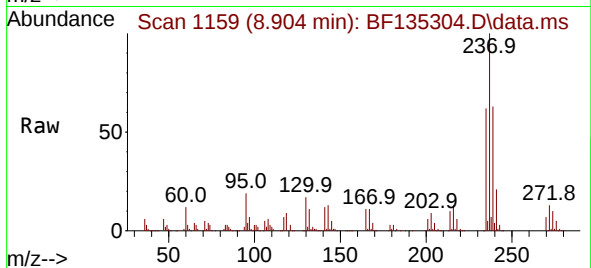
108 21.3 14.9 22.3



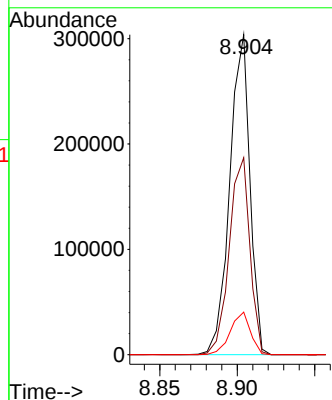
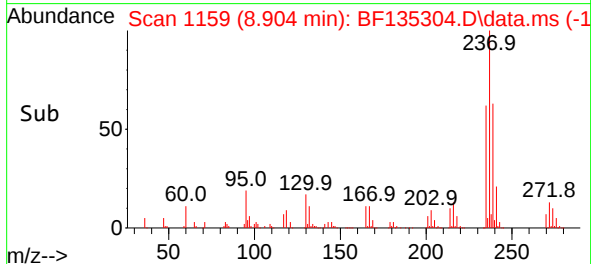


#41
Hexachlorocyclopentadiene
Concen: 43.853 ng
RT: 8.904 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

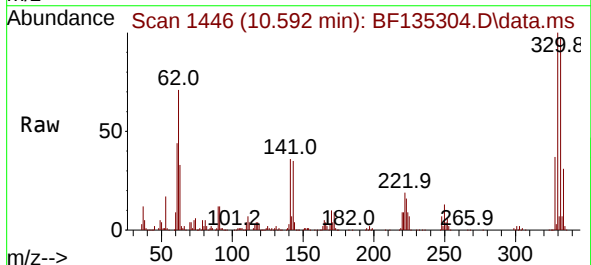
Instrument :
BNA_F
ClientSampleId :
PB155361BS



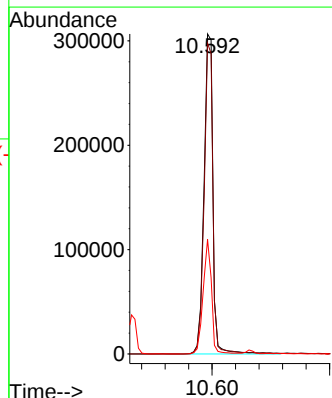
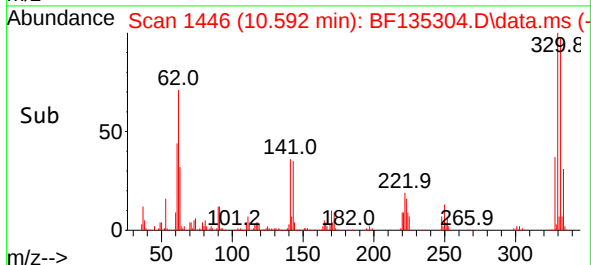
Tgt Ion: 237 Resp: 275026
Ion Ratio Lower Upper
237 100
235 61.6 41.8 81.8
272 13.3 0.0 33.6

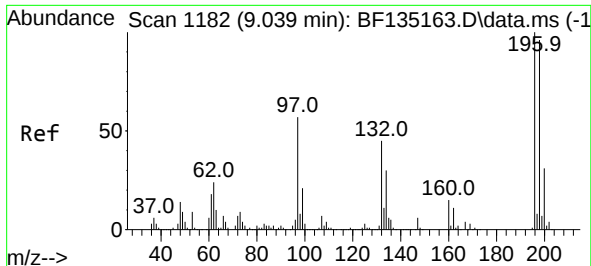


#42
2,4,6-Tribromophenol
Concen: 60.830 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52



Tgt Ion: 330 Resp: 324157
Ion Ratio Lower Upper
330 100
332 94.9 77.3 115.9
141 33.5 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 23.917 ng

RT: 9.034 min Scan# 1182

Delta R.T. -0.006 min

Lab File: BF135304.D

Acq: 18 Sep 2023 13:52

Instrument :

BNA_F

ClientSampleId :

PB155361BS

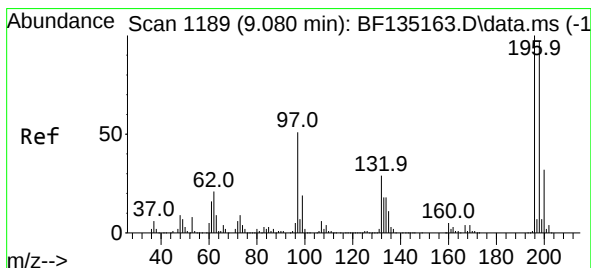
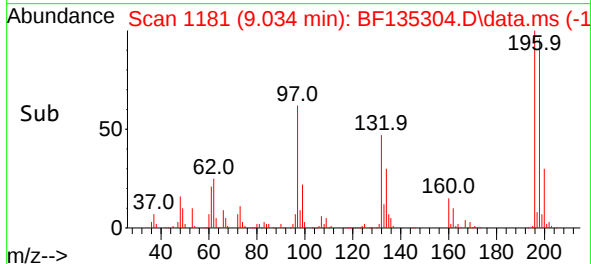
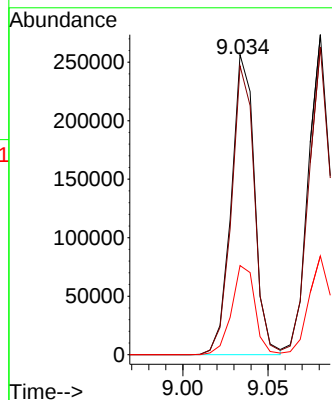
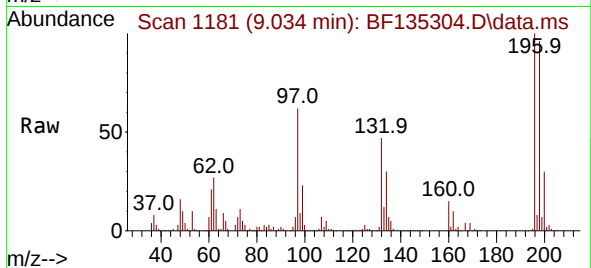
Tgt Ion:196 Resp: 243278

Ion Ratio Lower Upper

196 100

198 96.3 77.0 115.6

200 29.7 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 22.381 ng

RT: 9.081 min Scan# 1189

Delta R.T. 0.000 min

Lab File: BF135304.D

Acq: 18 Sep 2023 13:52

Tgt Ion:196 Resp: 262165

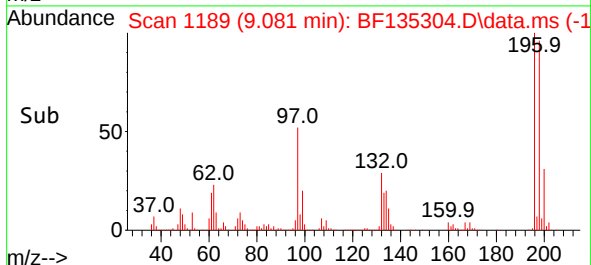
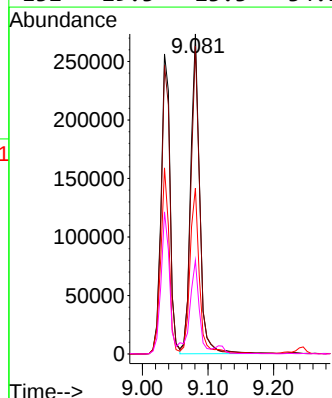
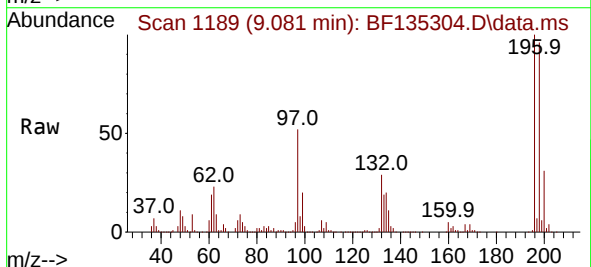
Ion Ratio Lower Upper

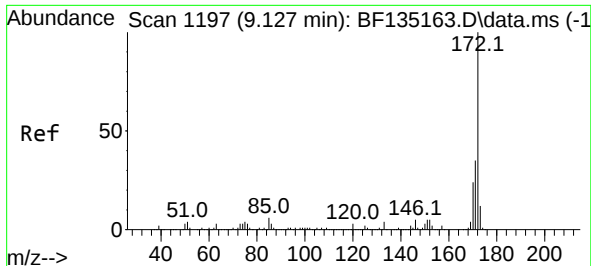
196 100

198 96.2 77.5 116.3

97 51.8 40.5 60.7

132 29.3 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 41.194 ng

RT: 9.122 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BF135304.D

Acq: 18 Sep 2023 13:52

Instrument :

BNA_F

ClientSampleId :

PB155361BS

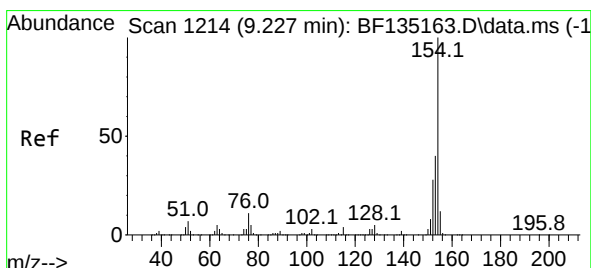
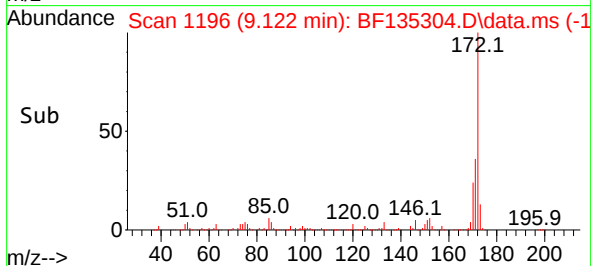
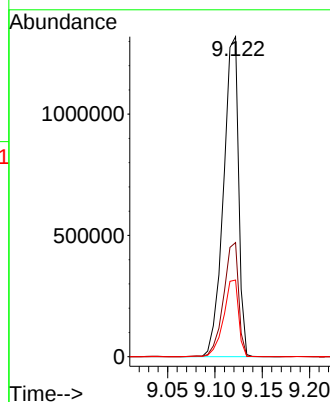
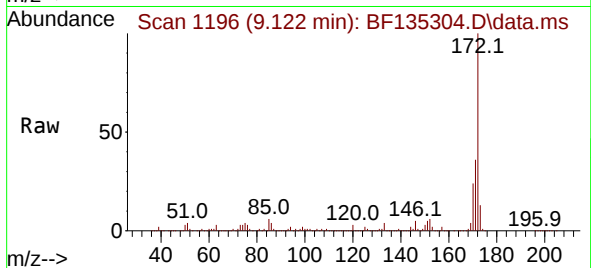
Tgt Ion:172 Resp: 1464152

Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 24.0 19.0 28.4



#46

1,1'-Biphenyl

Concen: 22.712 ng

RT: 9.222 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF135304.D

Acq: 18 Sep 2023 13:52

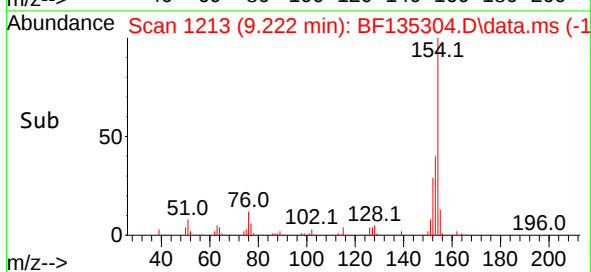
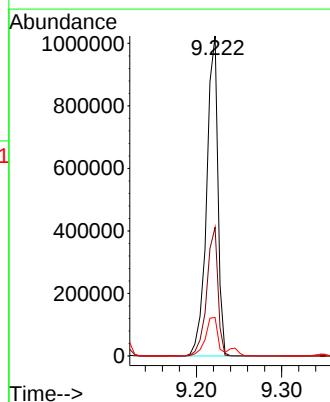
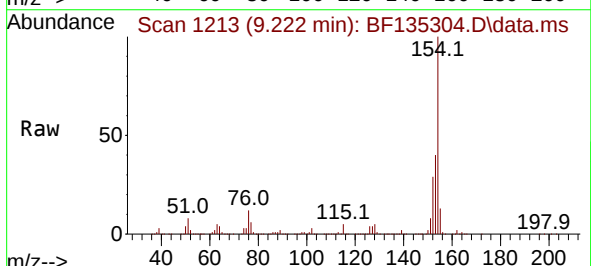
Tgt Ion:154 Resp: 935941

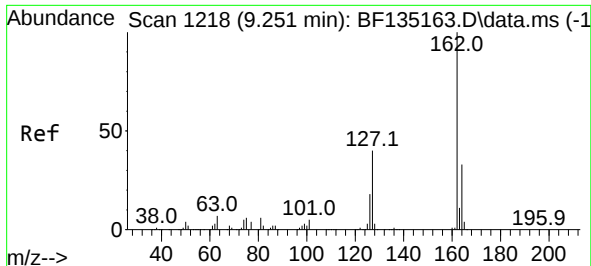
Ion Ratio Lower Upper

154 100

153 40.2 19.6 59.6

76 12.1 0.0 31.0

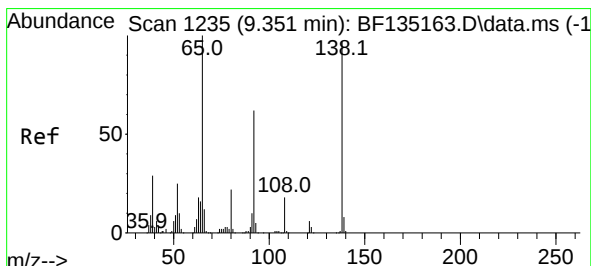
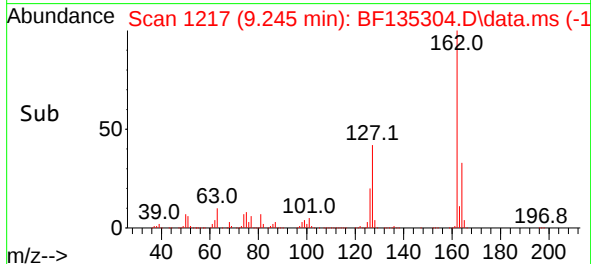
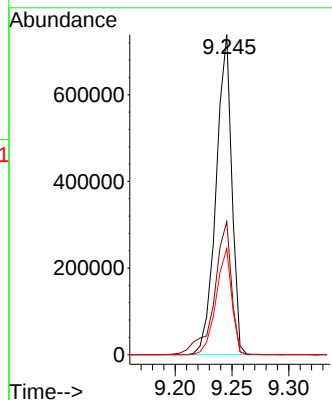
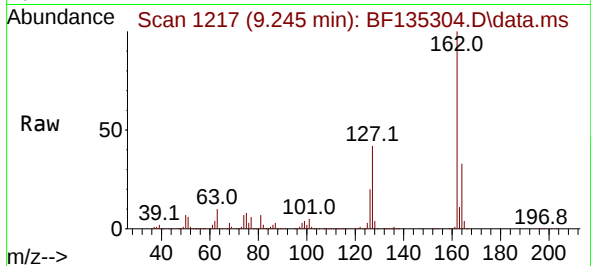




#47
2-Chloronaphthalene
Concen: 23.748 ng
RT: 9.245 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

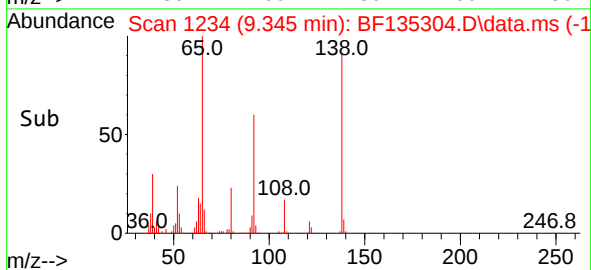
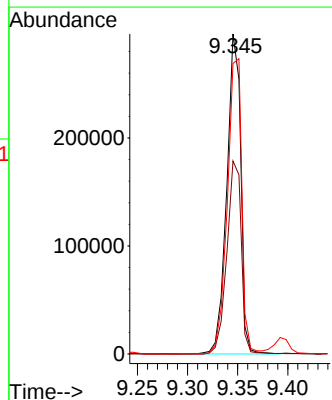
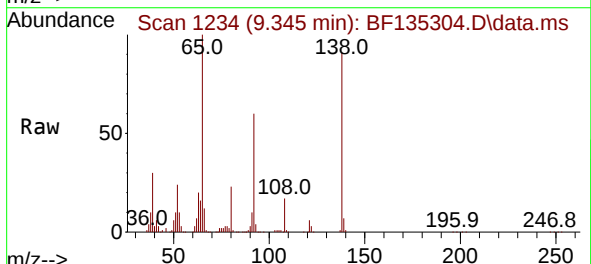
Instrument :
BNA_F
ClientSampleId :
PB155361BS

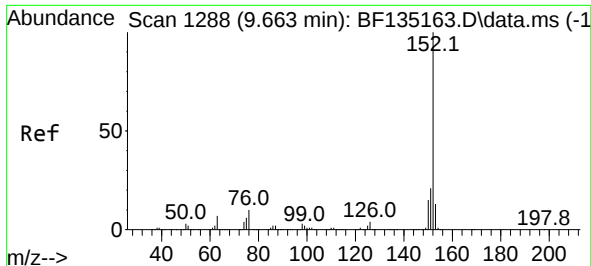
Tgt Ion:162 Resp: 710074
Ion Ratio Lower Upper
162 100
127 41.5 32.6 48.8
164 33.1 26.2 39.2



#48
2-Nitroaniline
Concen: 24.623 ng
RT: 9.345 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

Tgt Ion: 65 Resp: 286022
Ion Ratio Lower Upper
65 100
92 60.3 49.4 74.0
138 90.8 77.4 116.0





#49

Acenaphthylene

Concen: 22.568 ng

RT: 9.663 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135304.D

Acq: 18 Sep 2023 13:52

Instrument :

BNA_F

ClientSampleId :

PB155361BS

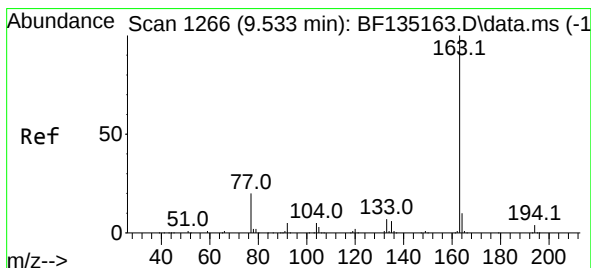
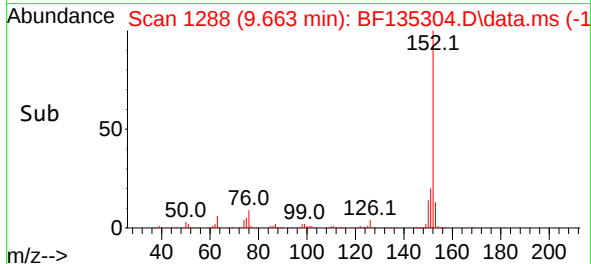
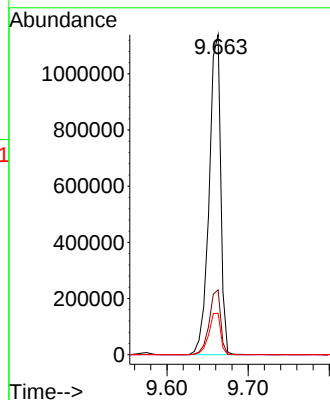
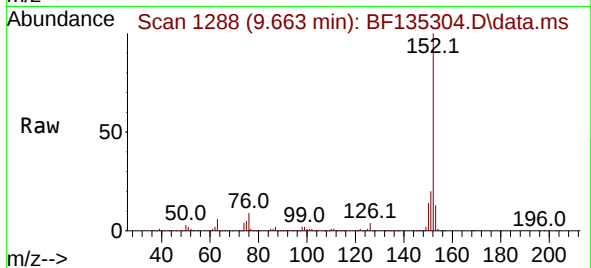
Tgt Ion:152 Resp: 1121450

Ion Ratio Lower Upper

152 100

151 20.3 16.4 24.6

153 13.0 10.4 15.6



#50

Dimethylphthalate

Concen: 23.232 ng

RT: 9.528 min Scan# 1265

Delta R.T. -0.005 min

Lab File: BF135304.D

Acq: 18 Sep 2023 13:52

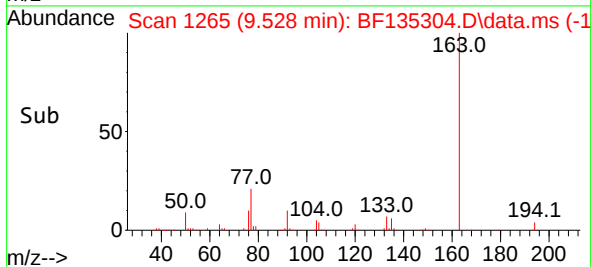
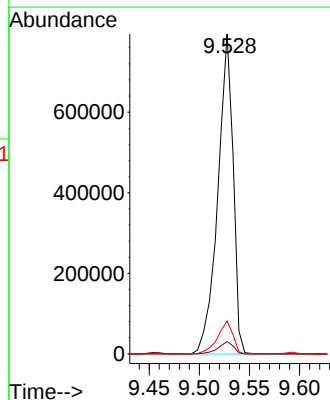
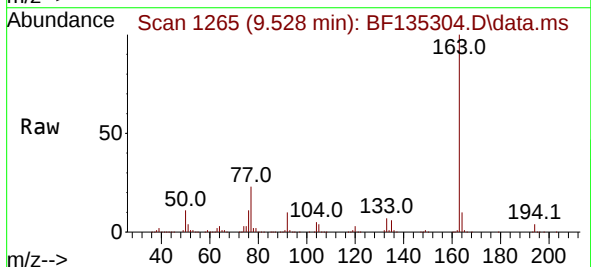
Tgt Ion:163 Resp: 842289

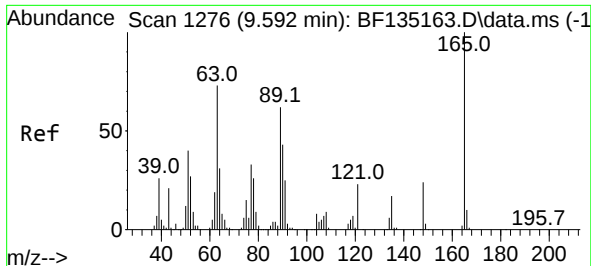
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.3 8.1 12.1

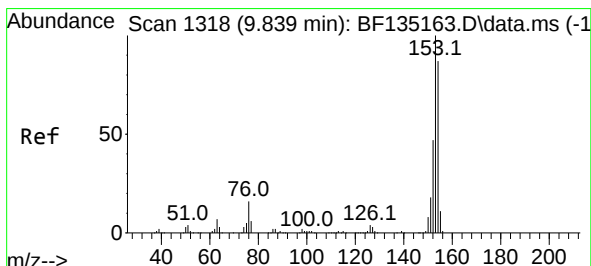
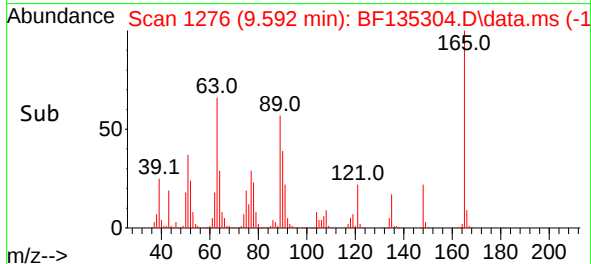
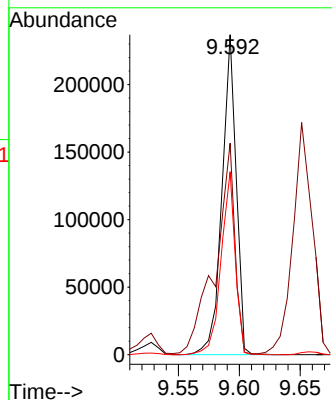
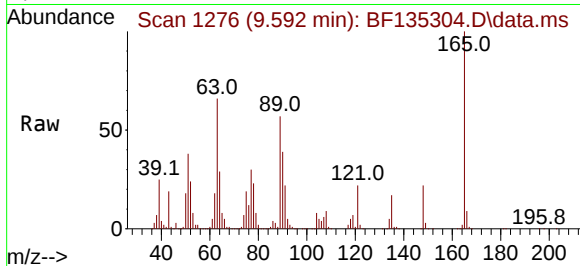




#51
2,6-Dinitrotoluene
Concen: 24.256 ng
RT: 9.592 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

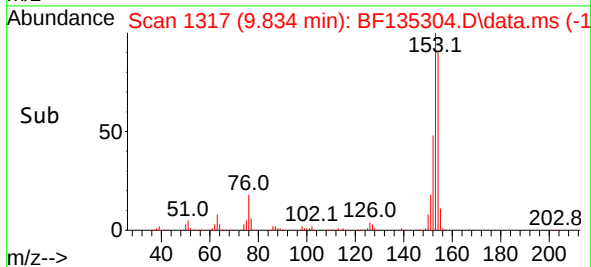
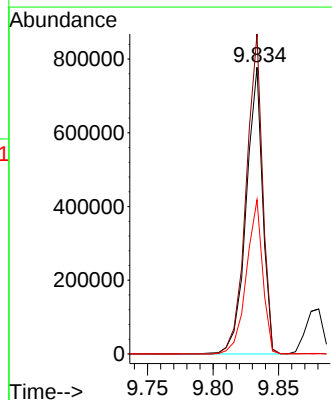
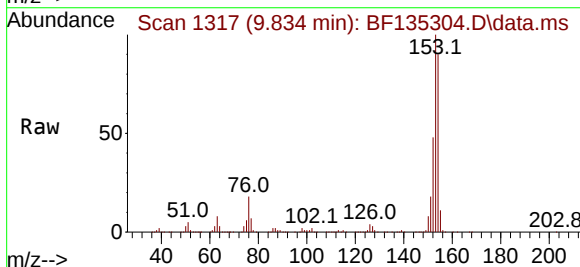
Instrument :
BNA_F
ClientSampleId :
PB155361BS

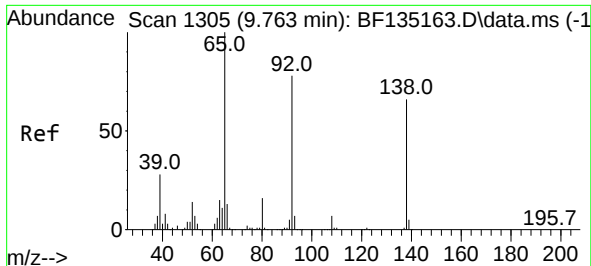
Tgt Ion:165 Resp: 192649
Ion Ratio Lower Upper
165 100
63 66.1 59.4 89.2
89 57.2 49.8 74.8



#52
Acenaphthene
Concen: 23.167 ng
RT: 9.834 min Scan# 1317
Delta R.T. -0.005 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

Tgt Ion:154 Resp: 680070
Ion Ratio Lower Upper
154 100
153 111.6 92.1 138.1
152 53.8 43.1 64.7

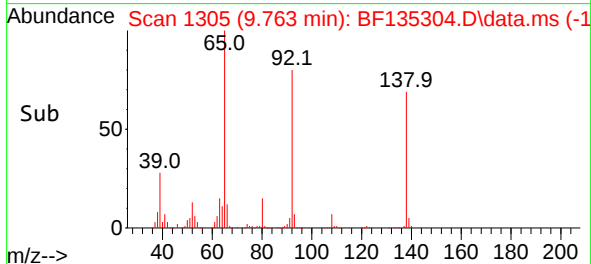
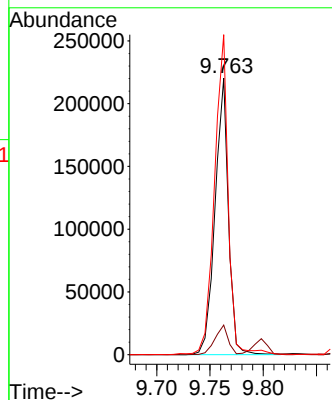
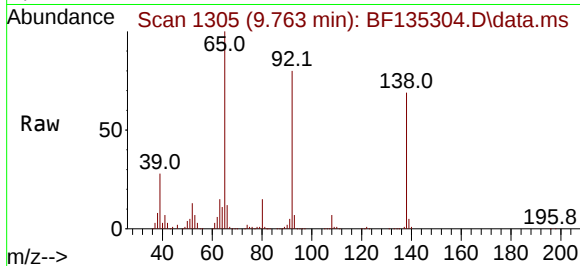




#53
3-Nitroaniline
Concen: 20.728 ng
RT: 9.763 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

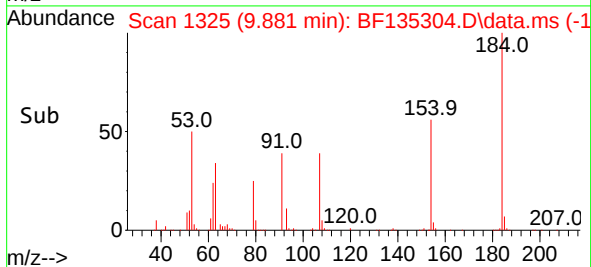
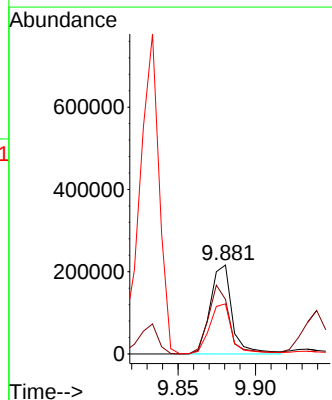
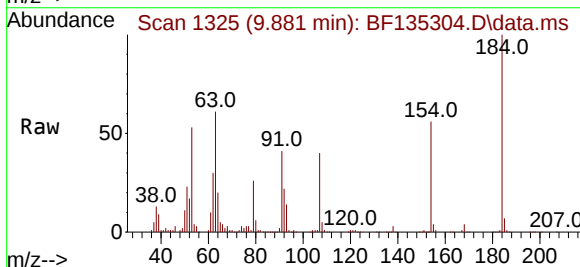
Instrument :
BNA_F
ClientSampleId :
PB155361BS

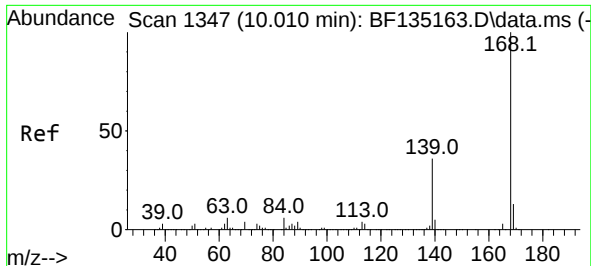
Tgt Ion:138 Resp: 193244
Ion Ratio Lower Upper
138 100
108 10.7 8.5 12.7
92 115.7 95.4 143.0



#54
2,4-Dinitrophenol
Concen: 49.786 ng
RT: 9.881 min Scan# 1325
Delta R.T. 0.007 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

Tgt Ion:184 Resp: 212934
Ion Ratio Lower Upper
184 100
63 61.3 55.1 82.7
154 56.3 48.4 72.6

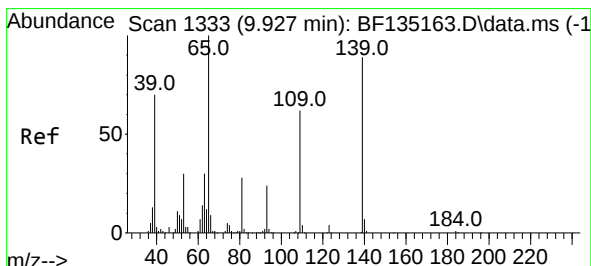
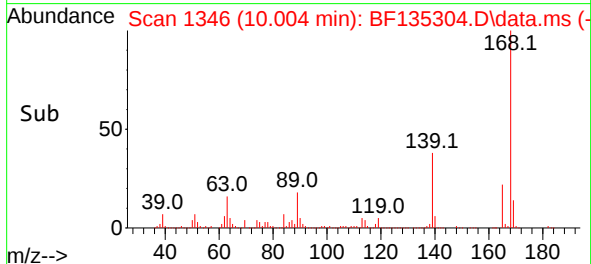
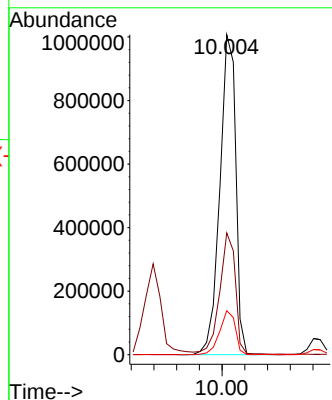
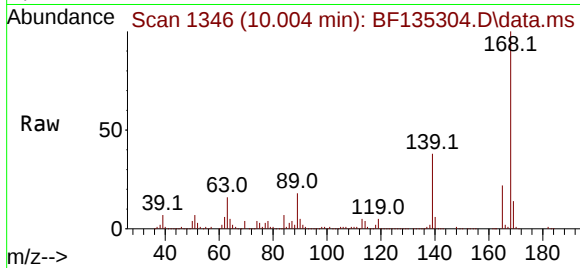




#55
Dibenzenofuran
Concen: 21.953 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

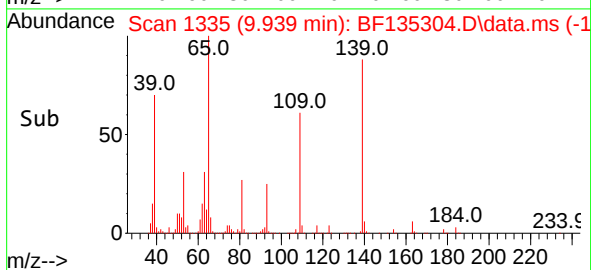
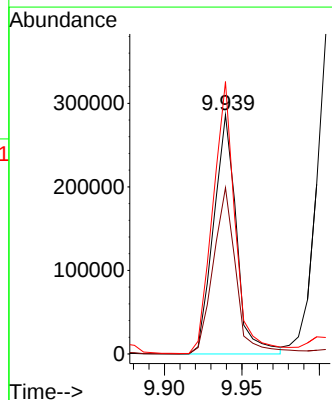
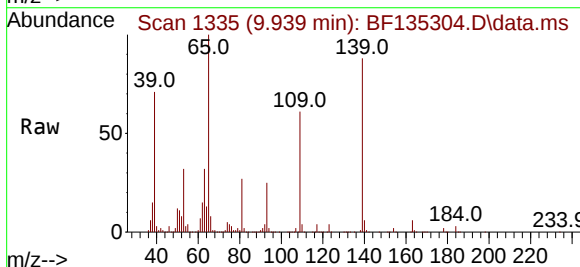
Instrument :
BNA_F
ClientSampleId :
PB155361BS

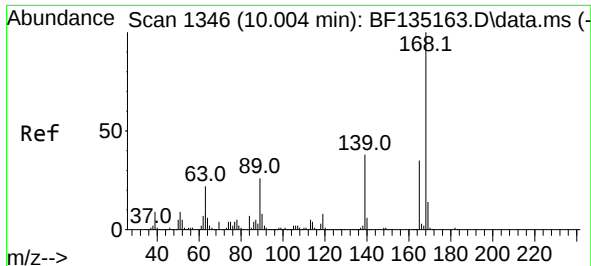
Tgt Ion:168 Resp: 983396
Ion Ratio Lower Upper
168 100
139 38.0 29.0 43.6
169 13.8 10.4 15.6



#56
4-Nitrophenol
Concen: 49.640 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.012 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

Tgt Ion:139 Resp: 294129
Ion Ratio Lower Upper
139 100
109 69.5 49.8 89.8
65 113.9 92.7 132.7

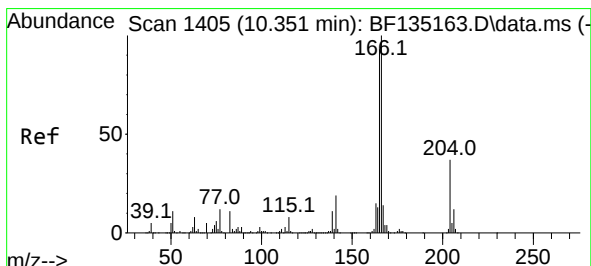
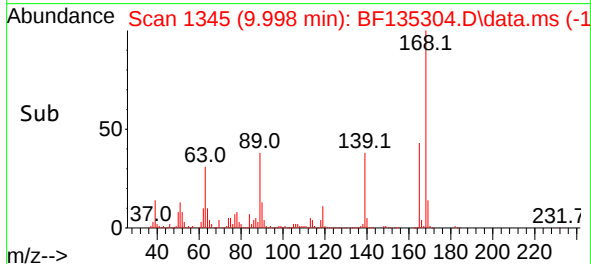
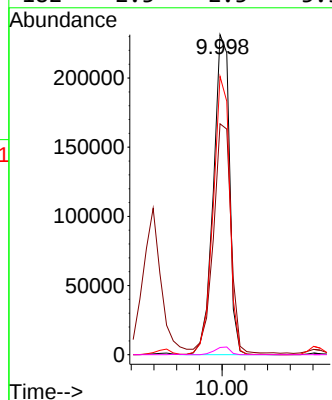
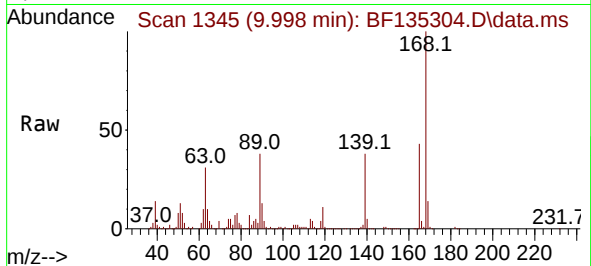




#57
2,4-Dinitrotoluene
Concen: 22.968 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

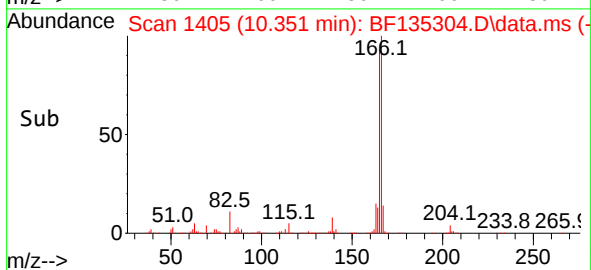
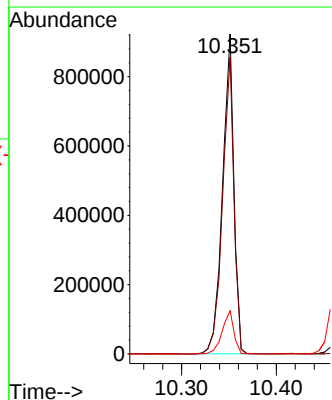
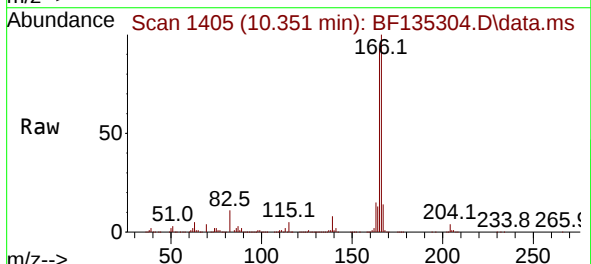
Instrument :
BNA_F
ClientSampleId :
PB155361BS

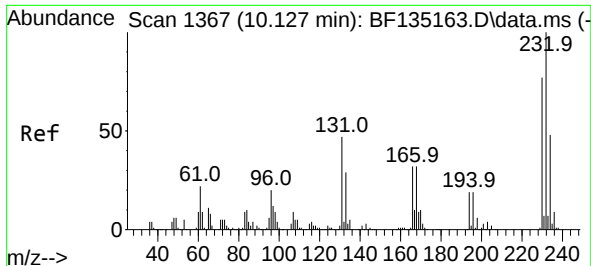
Tgt Ion:165 Resp: 228377
Ion Ratio Lower Upper
165 100
63 72.2 50.1 75.1
89 87.0 59.3 88.9
182 2.3 2.3 3.5#



#58
Fluorene
Concen: 22.414 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

Tgt Ion:166 Resp: 771871
Ion Ratio Lower Upper
166 100
165 92.8 74.3 111.5
167 13.5 10.9 16.3

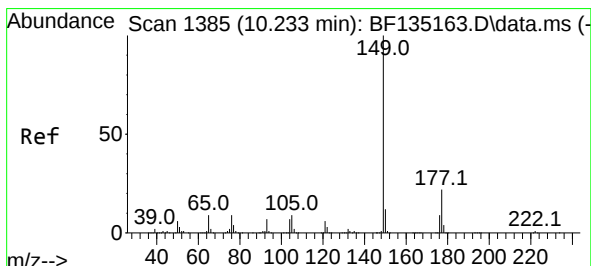
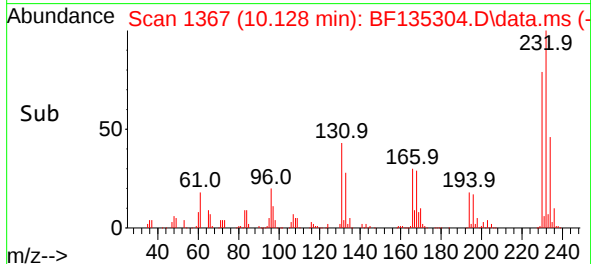
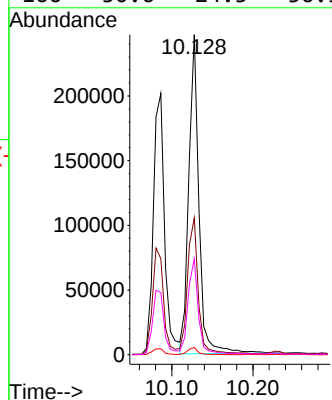
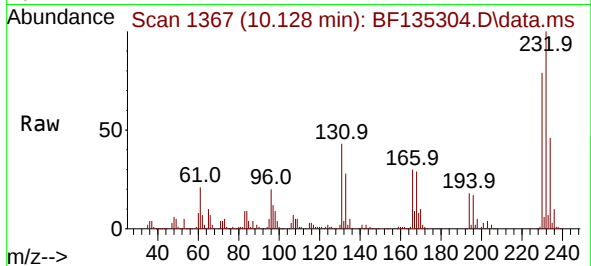




#59
2,3,4,6-Tetrachlorophenol
Concen: 23.708 ng
RT: 10.128 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

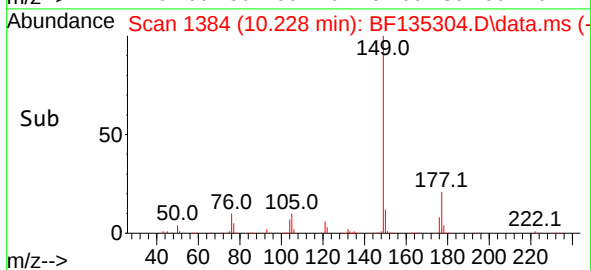
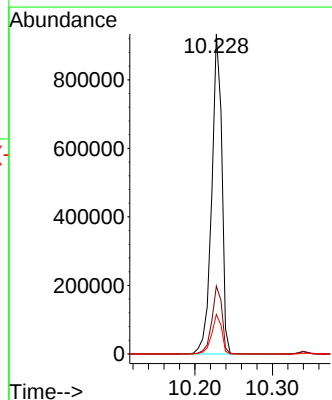
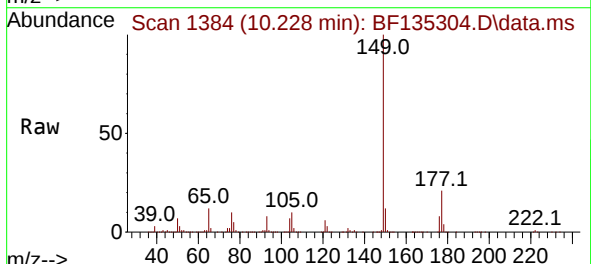
Instrument :
BNA_F
ClientSampleId :
PB155361BS

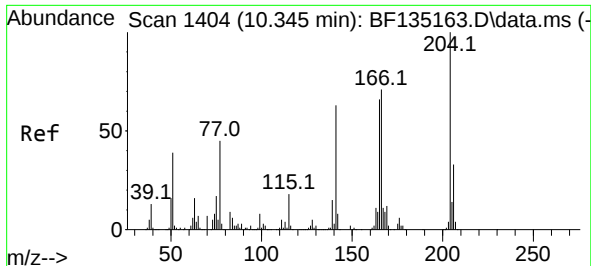
Tgt Ion:232 Resp: 213629
Ion Ratio Lower Upper
232 100
131 45.2 35.4 53.2
130 2.3 1.8 2.8
166 30.6 24.3 36.5



#60
Diethylphthalate
Concen: 23.207 ng
RT: 10.228 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

Tgt Ion:149 Resp: 844385
Ion Ratio Lower Upper
149 100
177 21.2 17.8 26.6
150 12.3 10.0 15.0

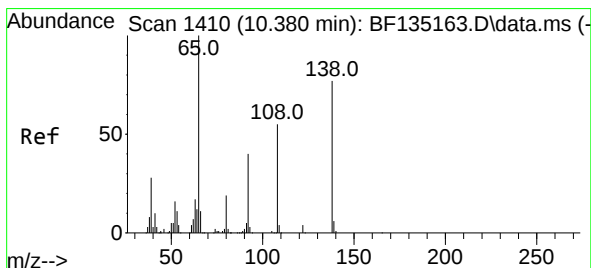
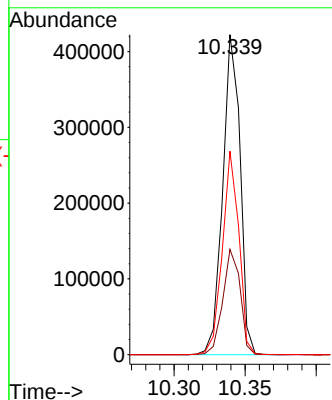
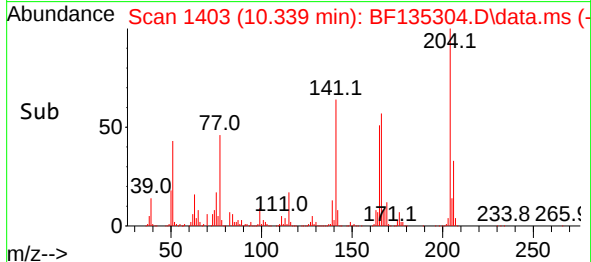
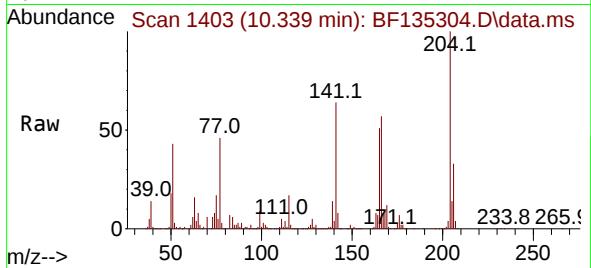




#61
4-Chlorophenyl-phenylether
Concen: 21.663 ng
RT: 10.339 min Scan# 1404
Delta R.T. -0.006 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

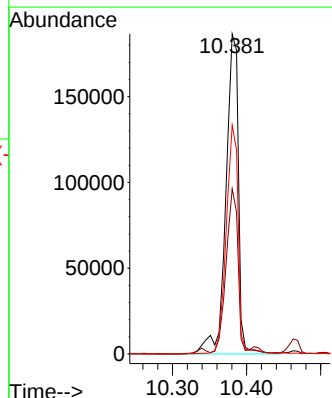
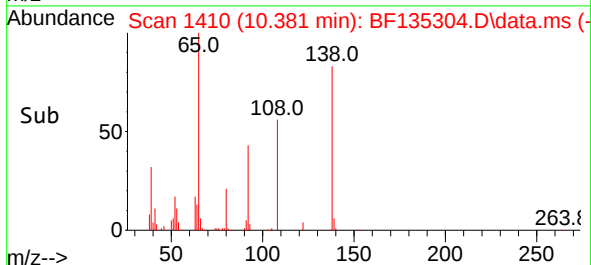
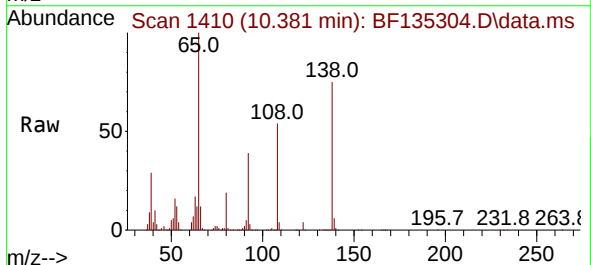
Instrument :
BNA_F
ClientSampleId :
PB155361BS

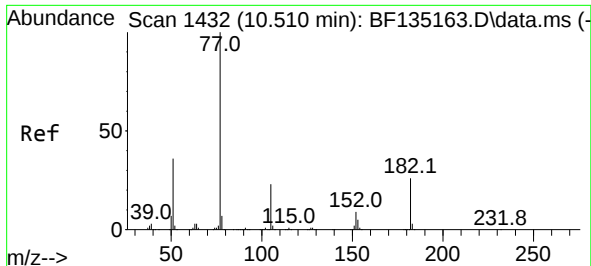
Tgt Ion:204 Resp: 358360
Ion Ratio Lower Upper
204 100
206 32.9 26.7 40.1
141 63.6 50.6 75.8



#62
4-Nitroaniline
Concen: 24.587 ng
RT: 10.381 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

Tgt Ion:138 Resp: 220343
Ion Ratio Lower Upper
138 100
92 51.6 31.8 71.8
108 71.5 52.0 92.0

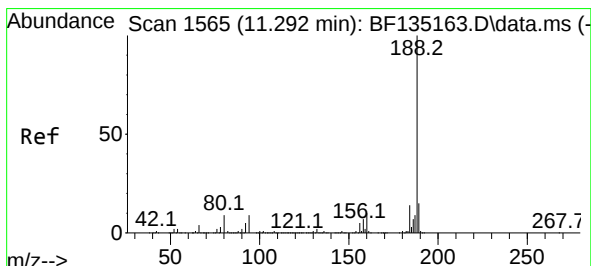
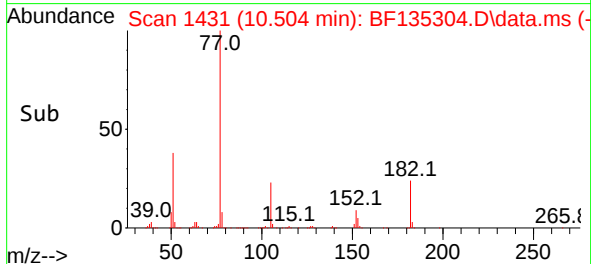
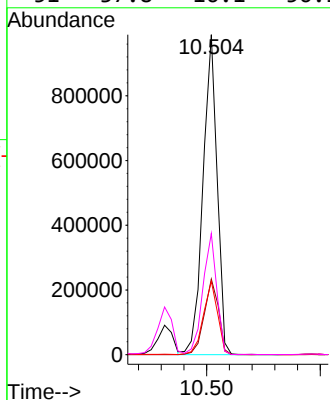
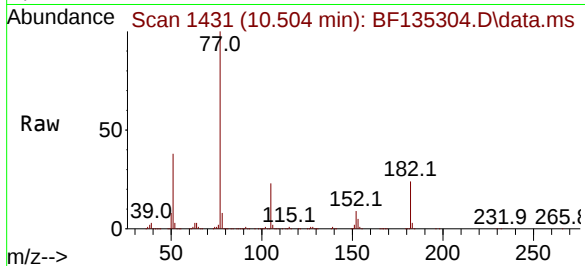




#63
Azobenzene
Concen: 23.962 ng
RT: 10.504 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

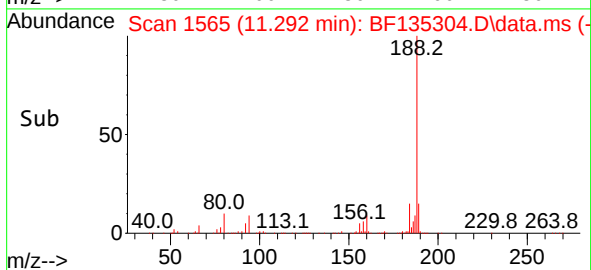
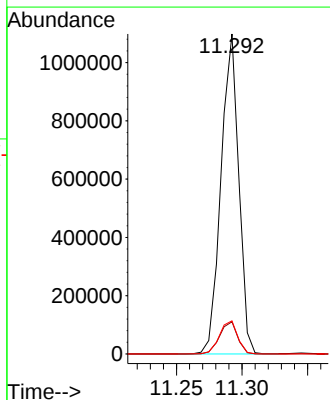
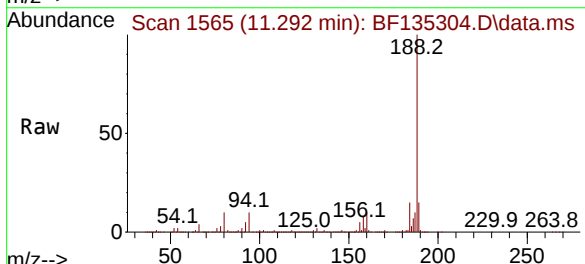
Instrument :
BNA_F
ClientSampleId :
PB155361BS

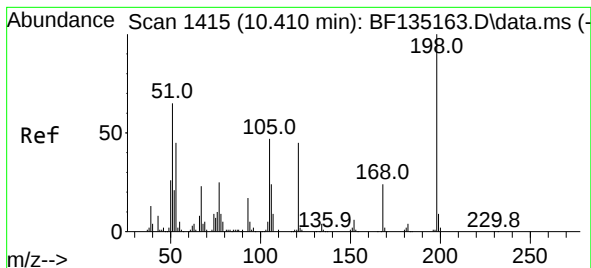
Tgt Ion: 77	Resp: 853295
Ion Ratio	Lower Upper
77 100	
182 23.6	6.4 46.4
105 22.9	3.1 43.1
51 37.8	16.1 56.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.292 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

Tgt Ion:188	Resp: 1029823		
Ion Ratio	Lower	Upper	
188 100			
94 10.0	7.0	10.6	
80 10.4	7.5	11.3	

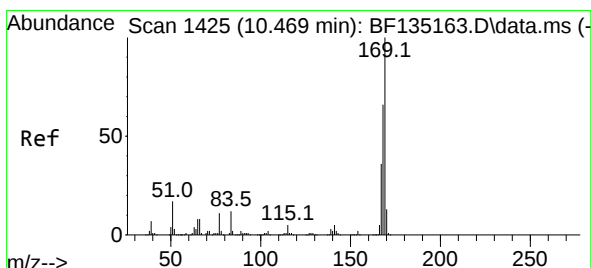
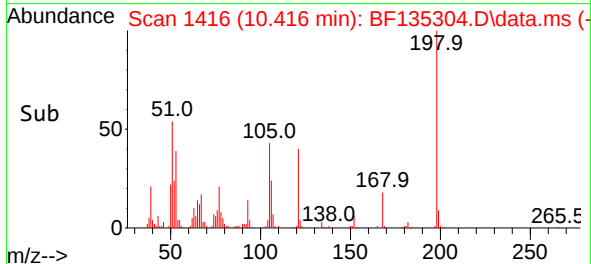
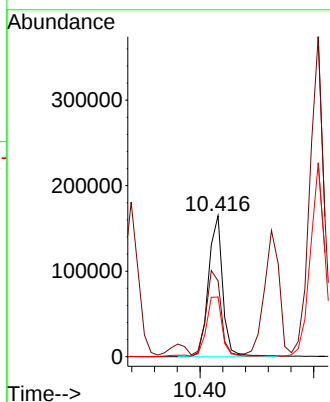
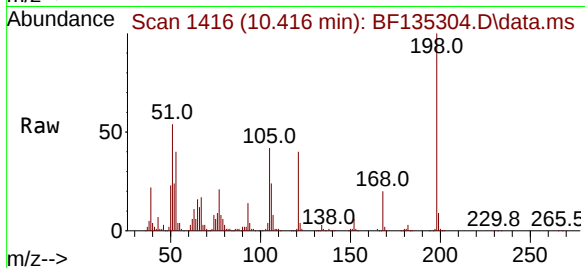




#65
4,6-Dinitro-2-methylphenol
Concen: 26.100 ng
RT: 10.416 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

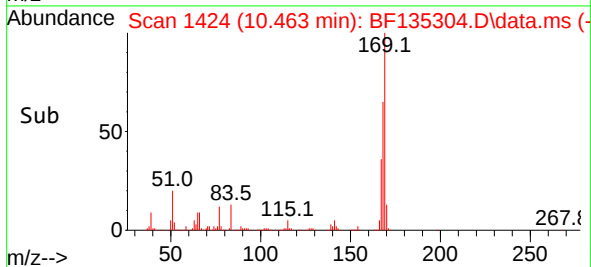
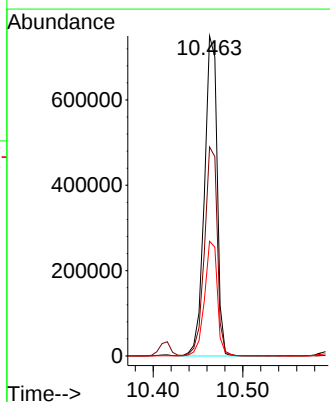
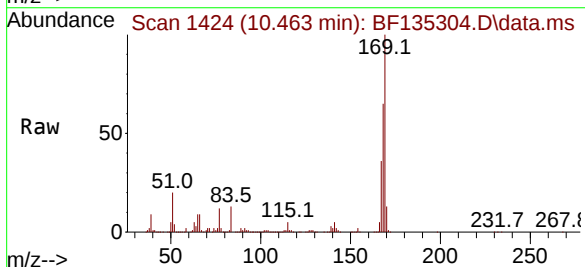
Instrument :
BNA_F
ClientSampleId :
PB155361BS

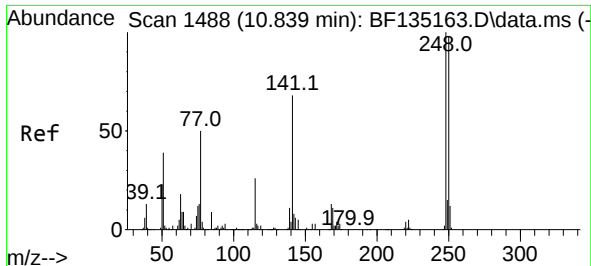
Tgt Ion:198 Resp: 142762
Ion Ratio Lower Upper
198 100
51 53.8 47.7 87.7
105 42.4 27.4 67.4



#66
n-Nitrosodiphenylamine
Concen: 23.571 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

Tgt Ion:169 Resp: 734881
Ion Ratio Lower Upper
169 100
168 65.3 52.8 79.2
167 35.9 29.0 43.6





#67

4-Bromophenyl-phenylether

Concen: 22.550 ng

RT: 10.833 min Scan# 1487

Delta R.T. -0.006 min

Lab File: BF135304.D

Acq: 18 Sep 2023 13:52

Instrument :

BNA_F

ClientSampleId :

PB155361BS

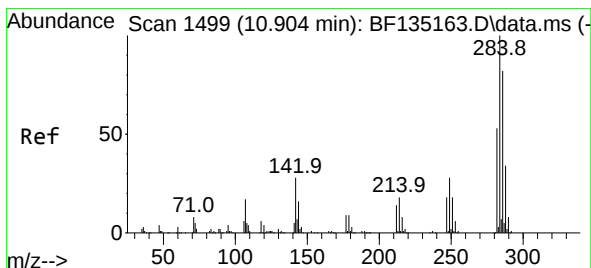
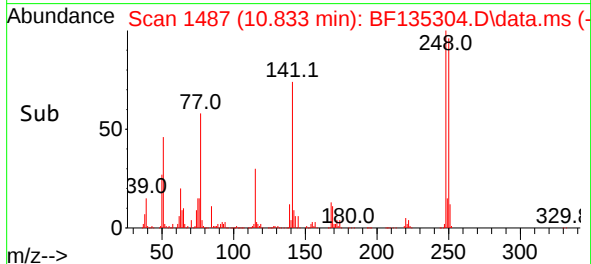
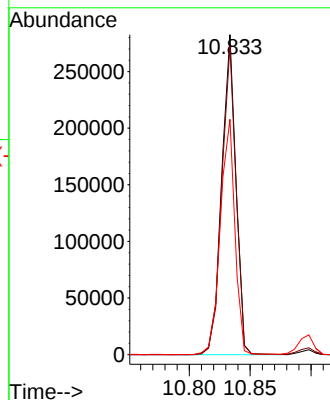
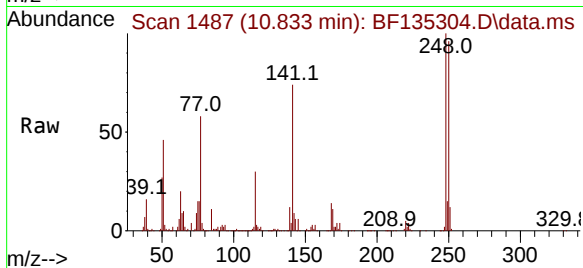
Tgt Ion:248 Resp: 230962

Ion Ratio Lower Upper

248 100

250 96.4 78.6 117.8

141 73.5 54.2 81.2



#68

Hexachlorobenzene

Concen: 23.630 ng

RT: 10.898 min Scan# 1498

Delta R.T. -0.006 min

Lab File: BF135304.D

Acq: 18 Sep 2023 13:52

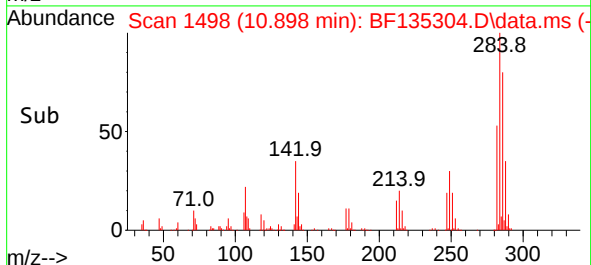
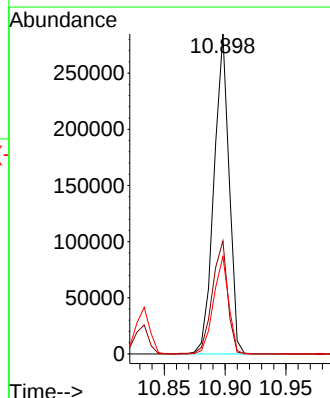
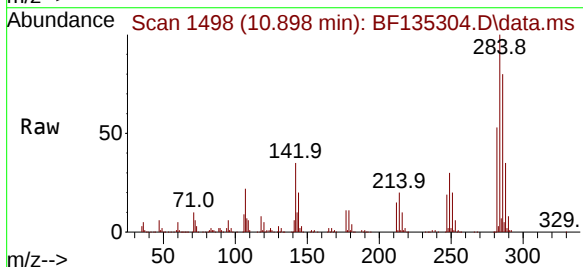
Tgt Ion:284 Resp: 246571

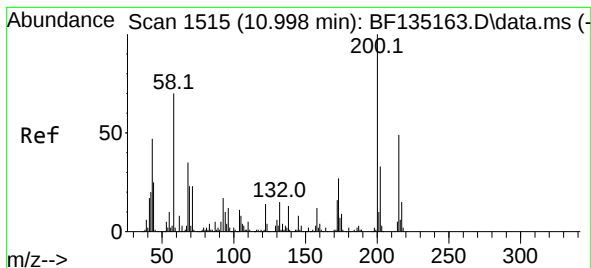
Ion Ratio Lower Upper

284 100

142 35.3 22.2 33.4#

249 30.5 22.5 33.7





#69

Atrazine

Concen: 27.523 ng

RT: 10.998 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF135304.D

Acq: 18 Sep 2023 13:52

Instrument :

BNA_F

ClientSampleId :

PB155361BS

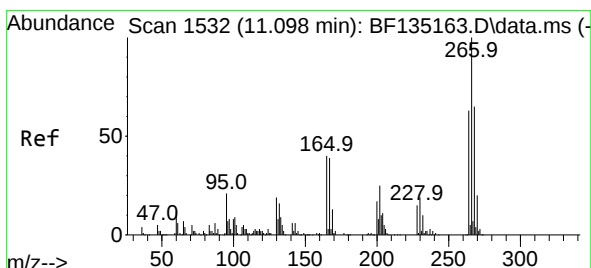
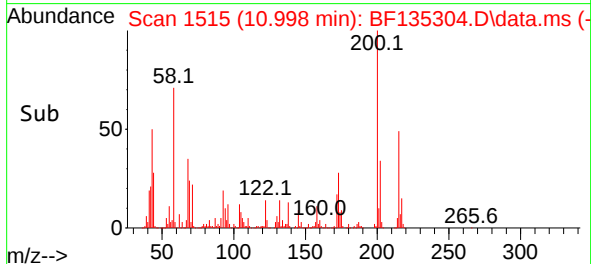
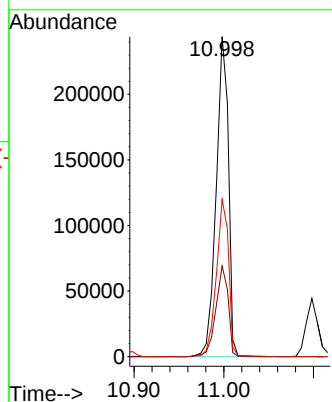
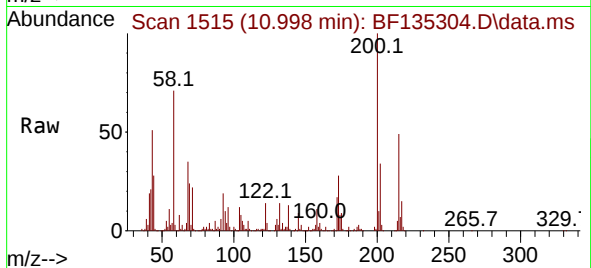
Tgt Ion:200 Resp: 230890

Ion Ratio Lower Upper

200 100

173 28.3 7.4 47.4

215 49.2 28.6 68.6



#70

Pentachlorophenol

Concen: 38.692 ng

RT: 11.098 min Scan# 1532

Delta R.T. 0.000 min

Lab File: BF135304.D

Acq: 18 Sep 2023 13:52

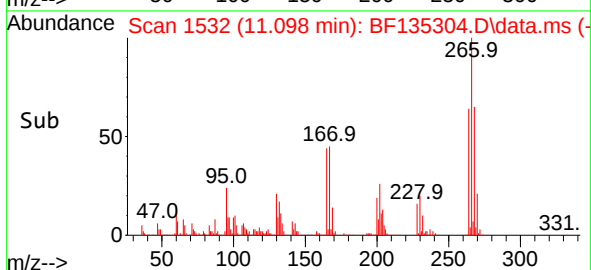
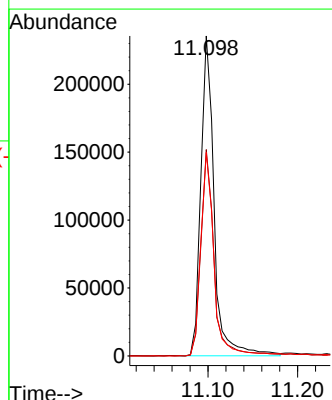
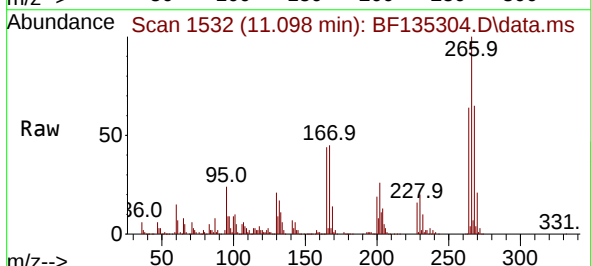
Tgt Ion:266 Resp: 241555

Ion Ratio Lower Upper

266 100

268 64.5 52.1 78.1

264 63.6 50.8 76.2





#71

Phenanthrene

Concen: 23.479 ng

RT: 11.316 min Scan# 1569

Delta R.T. -0.006 min

Lab File: BF135304.D

Acq: 18 Sep 2023 13:52

Instrument :

BNA_F

ClientSampleId :

PB155361BS

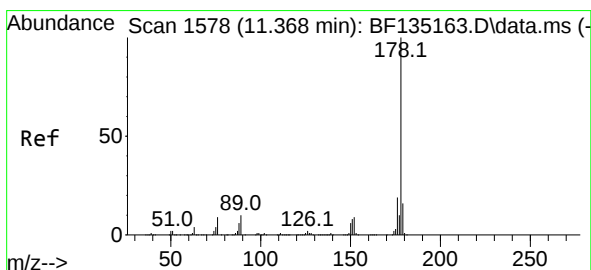
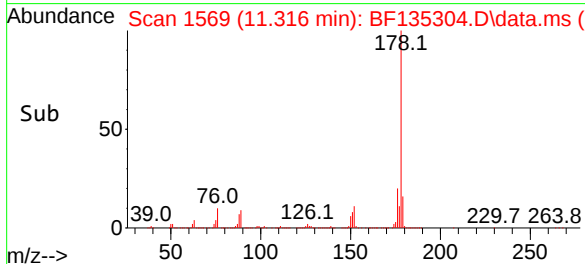
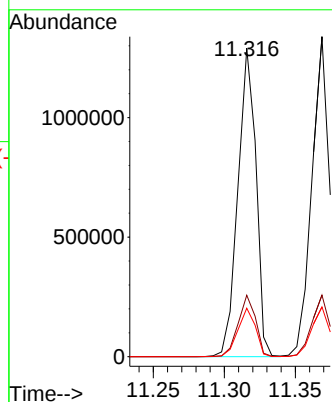
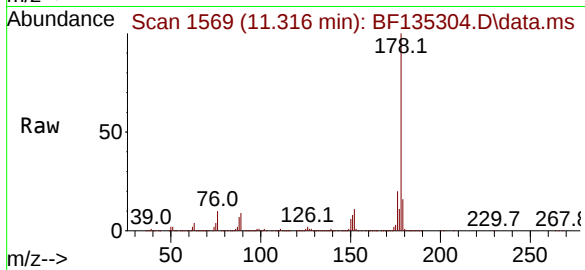
Tgt Ion:178 Resp: 1143593

Ion Ratio Lower Upper

178 100

176 19.9 15.6 23.4

179 15.7 12.0 18.0



#72

Anthracene

Concen: 22.976 ng

RT: 11.369 min Scan# 1578

Delta R.T. 0.000 min

Lab File: BF135304.D

Acq: 18 Sep 2023 13:52

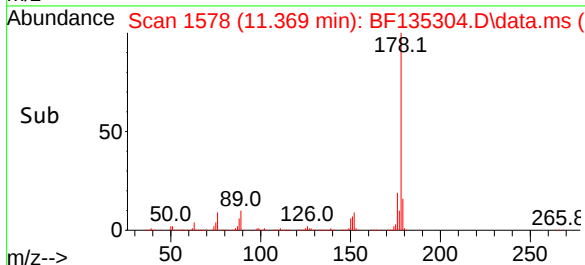
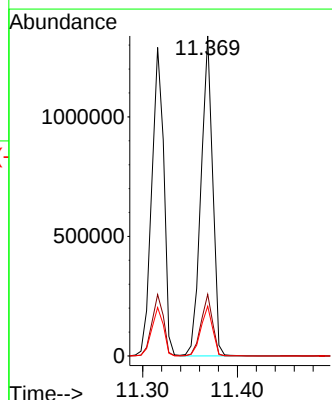
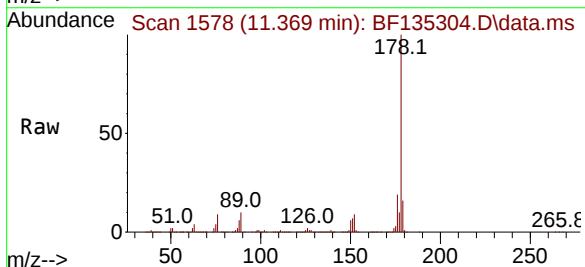
Tgt Ion:178 Resp: 1150279

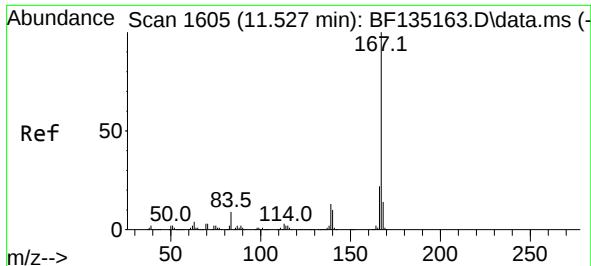
Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.2

179 15.6 12.6 19.0



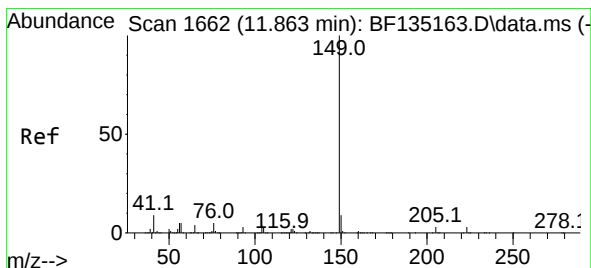
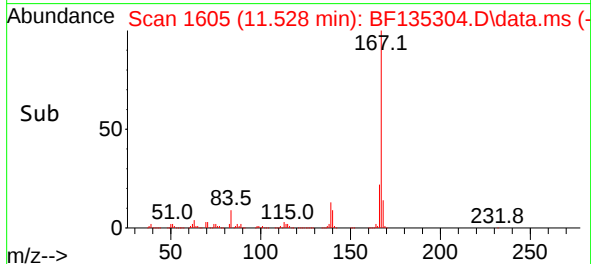
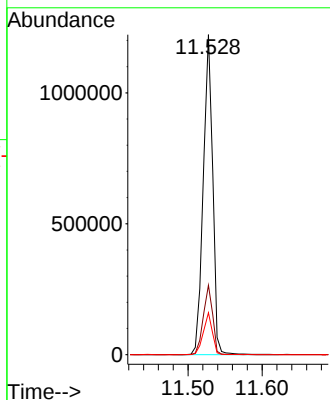
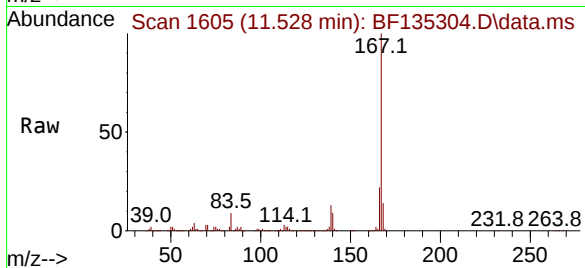


#73
 Carbazole
 Concen: 23.854 ng
 RT: 11.528 min Scan# 1605
 Delta R.T. 0.000 min
 Lab File: BF135304.D
 Acq: 18 Sep 2023 13:52

Instrument :
 BNA_F
 ClientSampleId :
 PB155361BS

Tgt Ion:167 Resp: 1087149

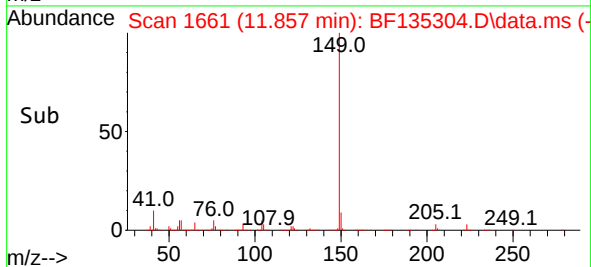
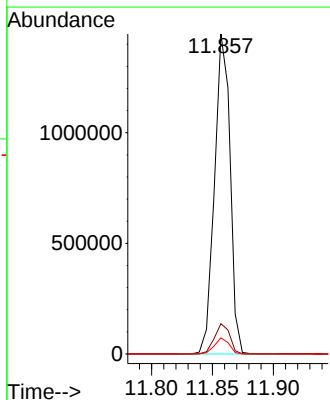
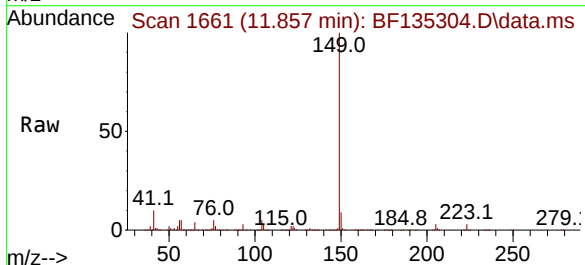
Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.4	26.0
139	13.1	10.6	15.8

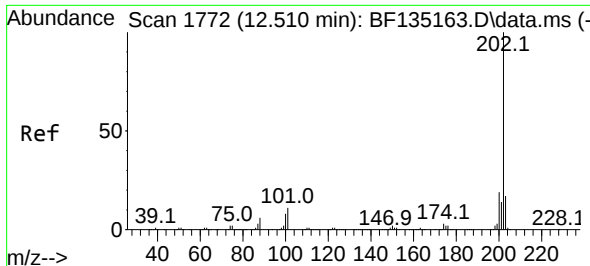


#74
 Di-n-butylphthalate
 Concen: 24.039 ng
 RT: 11.857 min Scan# 1661
 Delta R.T. -0.006 min
 Lab File: BF135304.D
 Acq: 18 Sep 2023 13:52

Tgt Ion:149 Resp: 1290957

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.4	11.0
104	5.0	3.6	5.4

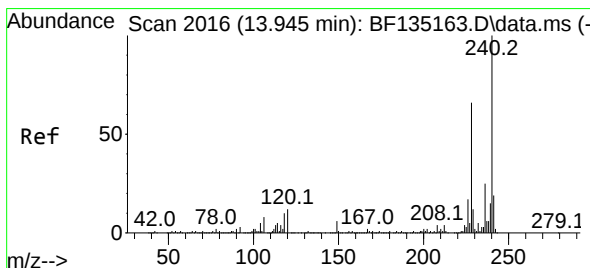
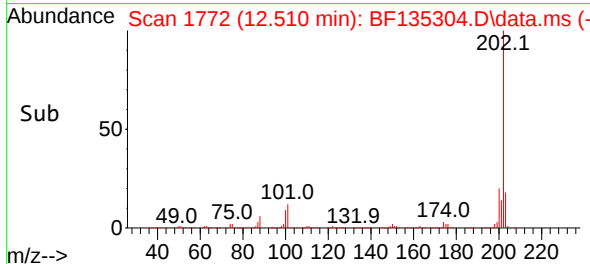
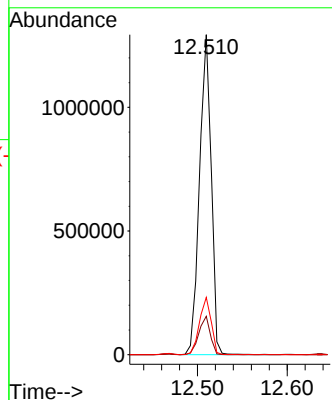
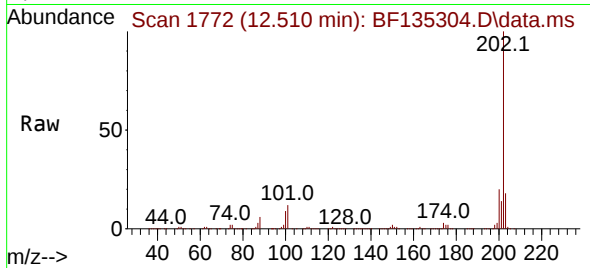




#75
Fluoranthene
Concen: 23.015 ng
RT: 12.510 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

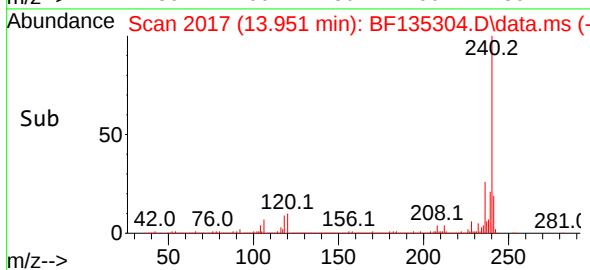
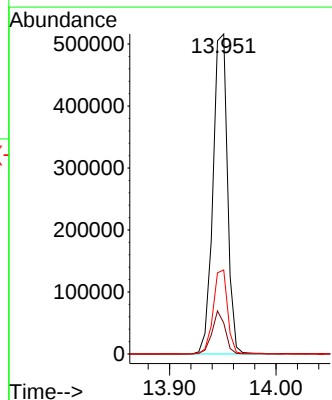
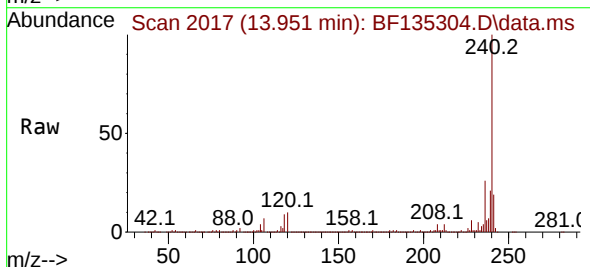
Instrument :
BNA_F
ClientSampleId :
PB155361BS

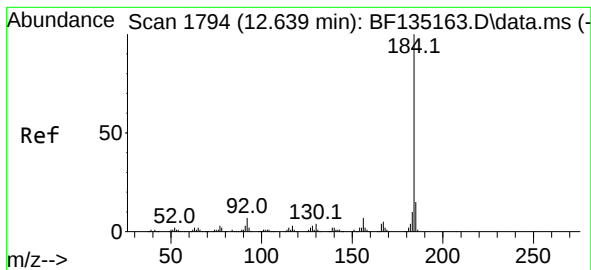
Tgt Ion:202 Resp: 1168045
Ion Ratio Lower Upper
202 100
101 12.0 0.0 31.3
203 17.9 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

Tgt Ion:240 Resp: 488588
Ion Ratio Lower Upper
240 100
120 9.7 9.4 14.2
236 26.3 19.8 29.8





#77

Benzidine

Concen: 44.263 ng

RT: 12.639 min Scan# 1794

Delta R.T. 0.000 min

Lab File: BF135304.D

Acq: 18 Sep 2023 13:52

Instrument :

BNA_F

ClientSampleId :

PB155361BS

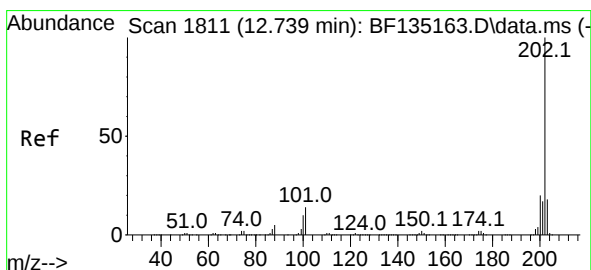
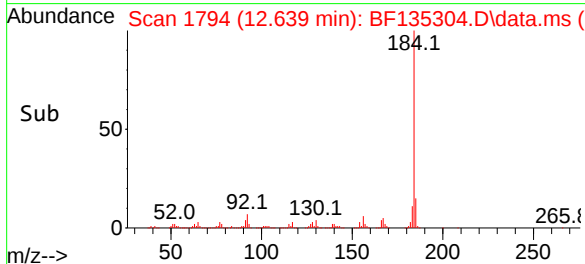
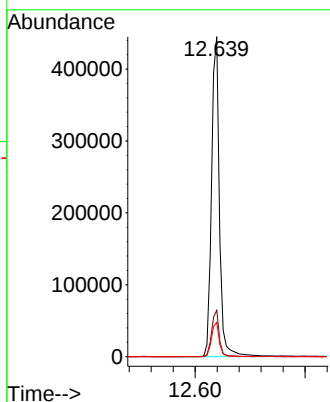
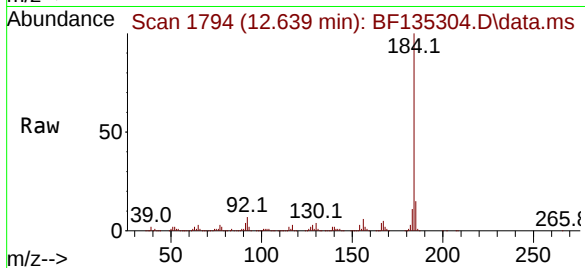
Tgt Ion:184 Resp: 443054

Ion Ratio Lower Upper

184 100

185 14.5 11.7 17.5

183 10.8 8.2 12.4



#78

Pyrene

Concen: 25.173 ng

RT: 12.739 min Scan# 1811

Delta R.T. 0.000 min

Lab File: BF135304.D

Acq: 18 Sep 2023 13:52

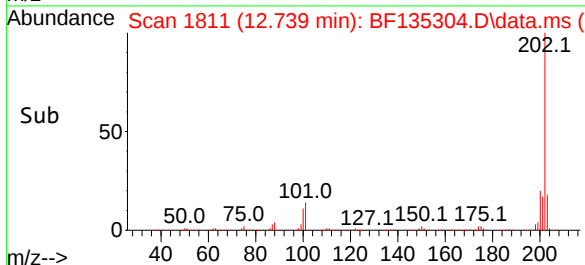
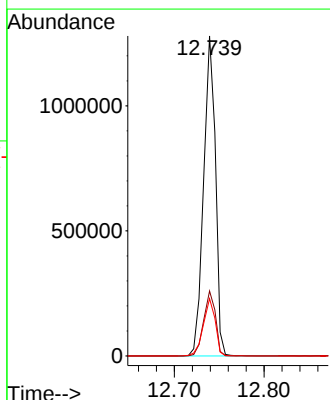
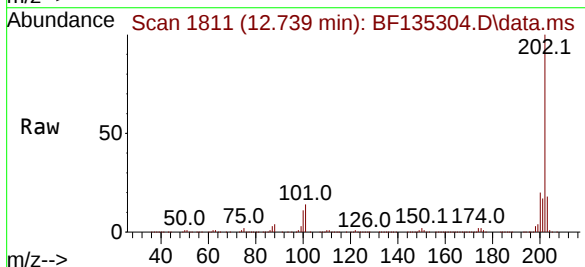
Tgt Ion:202 Resp: 1170986

Ion Ratio Lower Upper

202 100

200 20.3 16.2 24.2

203 17.9 14.2 21.4

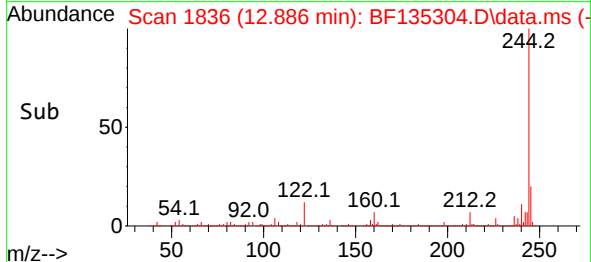
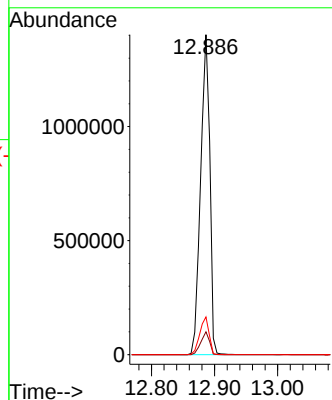
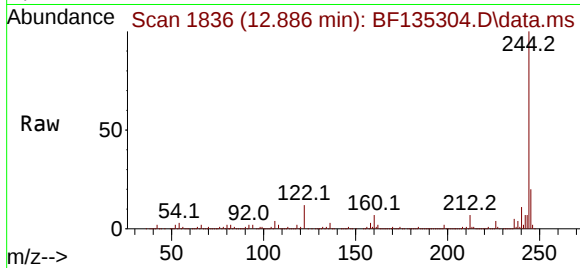




#79
 Terphenyl-d14
 Concen: 45.043 ng
 RT: 12.886 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF135304.D
 Acq: 18 Sep 2023 13:52

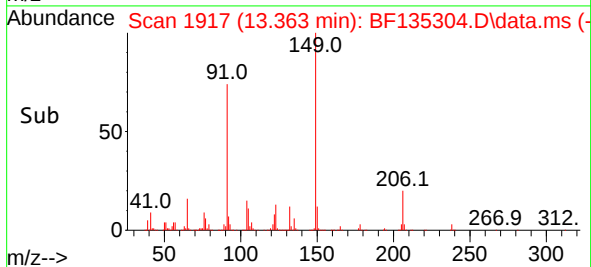
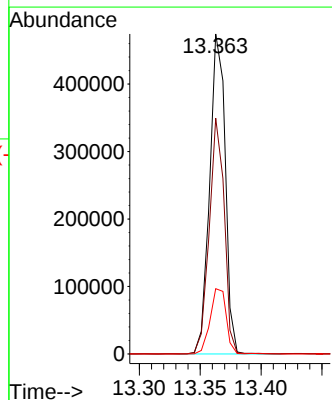
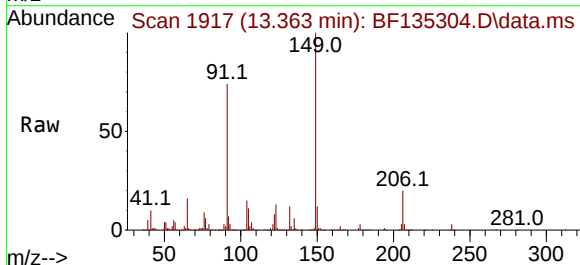
Instrument :
 BNA_F
 ClientSampleId :
 PB155361BS

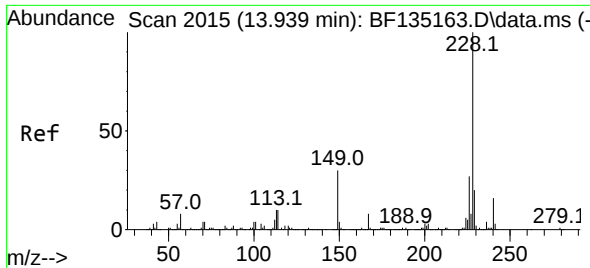
Tgt Ion:244 Resp: 1419666
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.1 7.7
 122 11.8 7.9 11.9



#80
 Butylbenzylphthalate
 Concen: 25.818 ng
 RT: 13.363 min Scan# 1917
 Delta R.T. -0.006 min
 Lab File: BF135304.D
 Acq: 18 Sep 2023 13:52

Tgt Ion:149 Resp: 422851
 Ion Ratio Lower Upper
 149 100
 91 73.7 54.7 82.1
 206 20.4 16.3 24.5

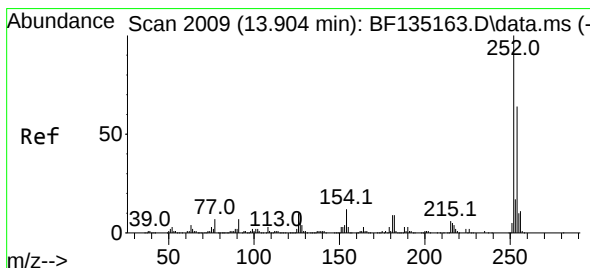
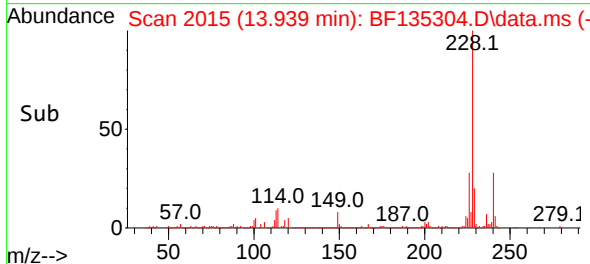
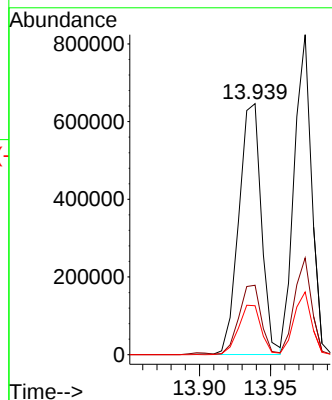
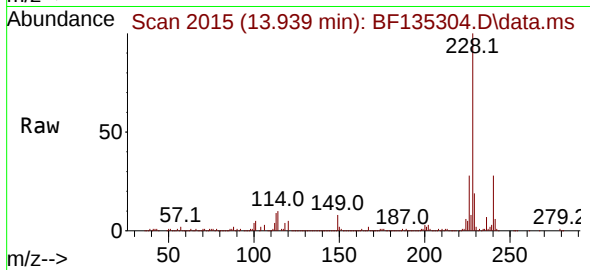




#81
Benzo(a)anthracene
Concen: 22.703 ng
RT: 13.939 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

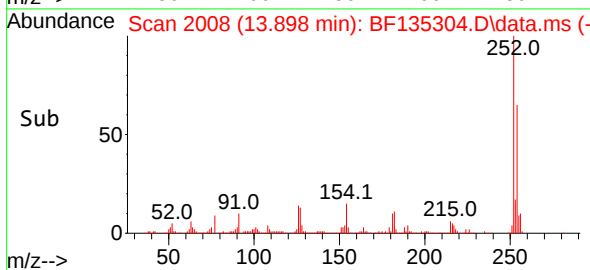
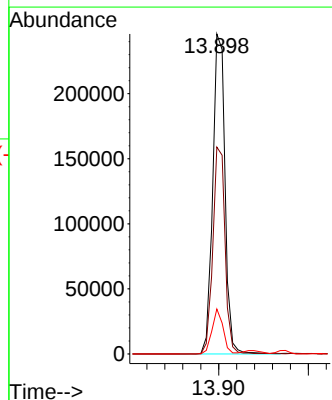
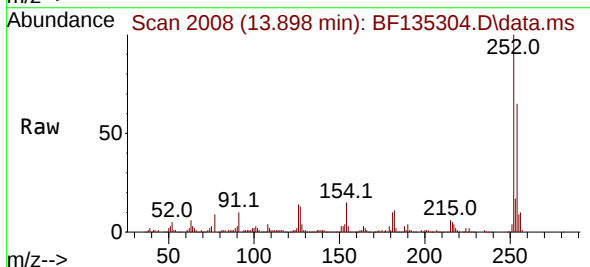
Instrument :
BNA_F
ClientSampleId :
PB155361BS

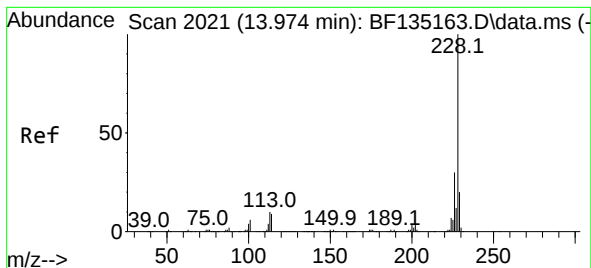
Tgt Ion:228 Resp: 716269
Ion Ratio Lower Upper
228 100
226 27.7 21.7 32.5
229 19.5 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 23.702 ng
RT: 13.898 min Scan# 2008
Delta R.T. -0.006 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

Tgt Ion:252 Resp: 233574
Ion Ratio Lower Upper
252 100
254 64.6 51.0 76.4
126 14.1 7.8 11.8#





#83

Chrysene

Concen: 22.400 ng

RT: 13.974 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF135304.D

Acq: 18 Sep 2023 13:52

Instrument :

BNA_F

ClientSampleId :

PB155361BS

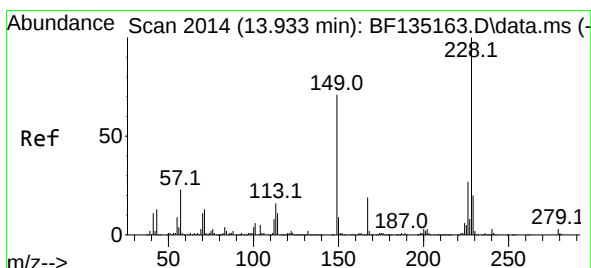
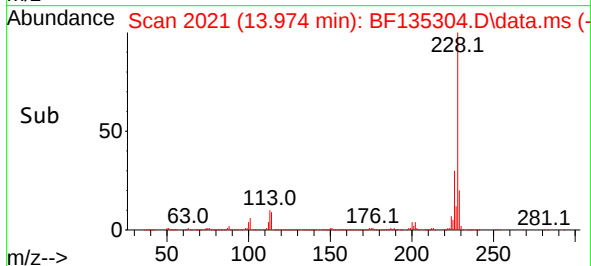
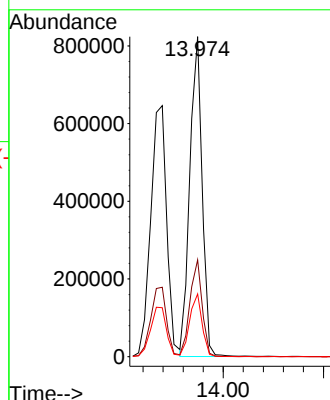
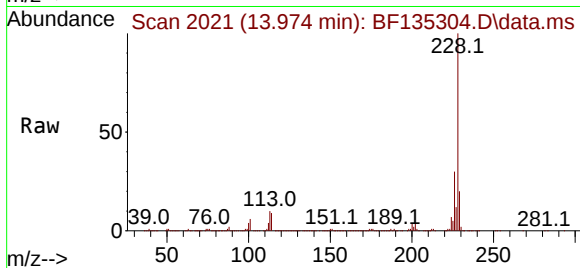
Tgt Ion:228 Resp: 702639

Ion Ratio Lower Upper

228 100

226 30.3 24.3 36.5

229 19.6 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 26.850 ng

RT: 13.927 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF135304.D

Acq: 18 Sep 2023 13:52

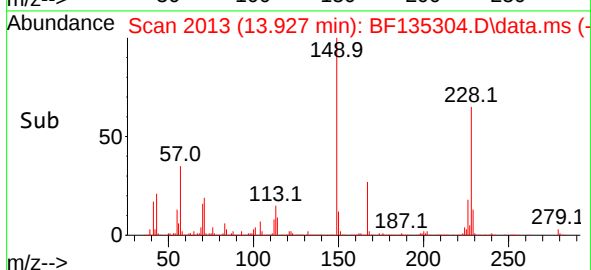
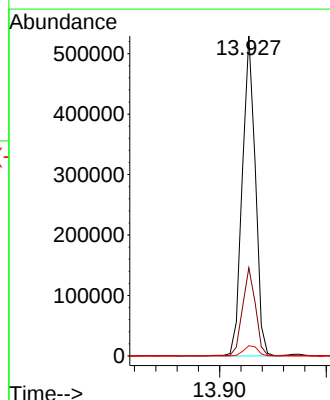
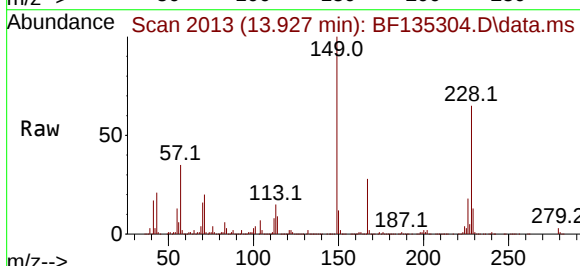
Tgt Ion:149 Resp: 451263

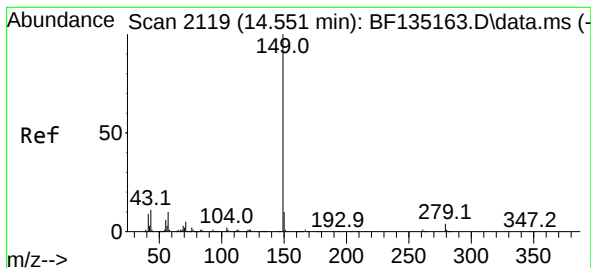
Ion Ratio Lower Upper

149 100

167 27.6 21.9 32.9

279 3.2 3.3 4.9#





#85

Di-n-octyl phthalate

Concen: 25.958 ng

RT: 14.545 min Scan# 2118

Delta R.T. -0.006 min

Lab File: BF135304.D

Acq: 18 Sep 2023 13:52

Instrument :

BNA_F

ClientSampleId :

PB155361BS

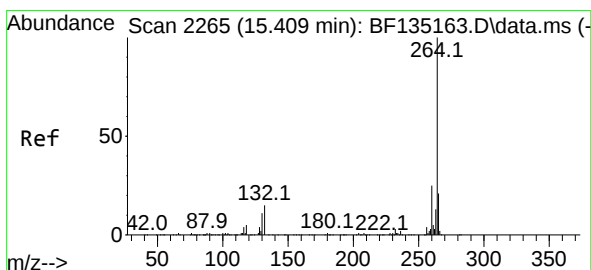
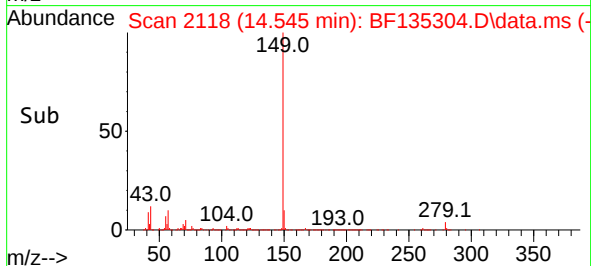
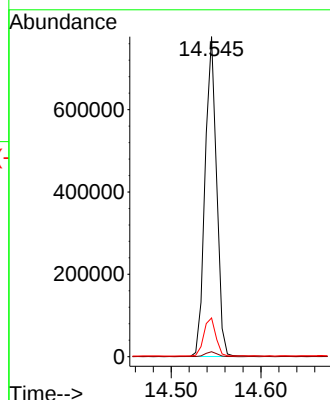
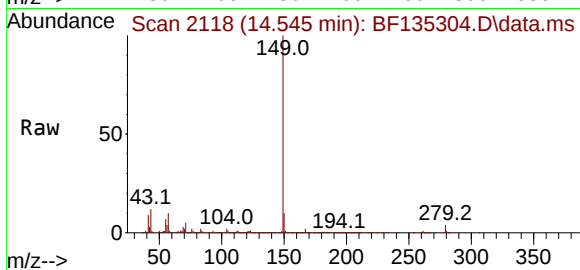
Tgt Ion:149 Resp: 693300

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

43 12.4 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.410 min Scan# 2265

Delta R.T. 0.000 min

Lab File: BF135304.D

Acq: 18 Sep 2023 13:52

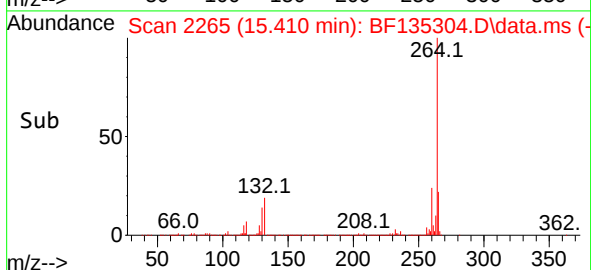
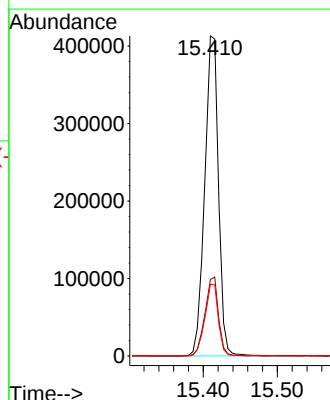
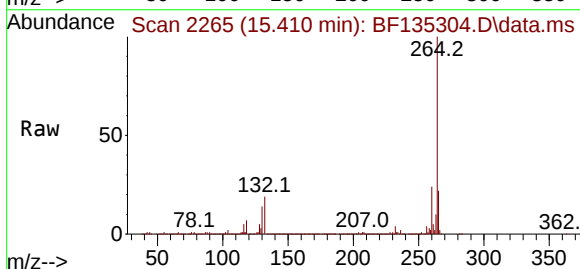
Tgt Ion:264 Resp: 534472

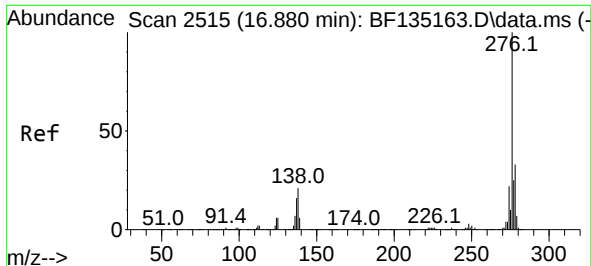
Ion Ratio Lower Upper

264 100

260 23.9 19.8 29.6

265 22.4 17.0 25.4

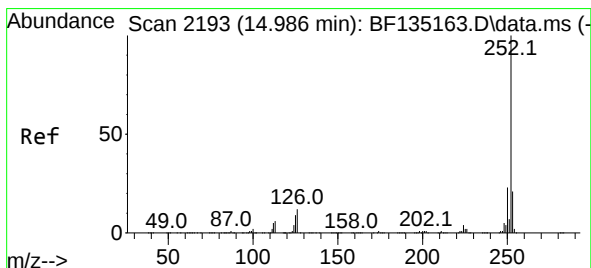
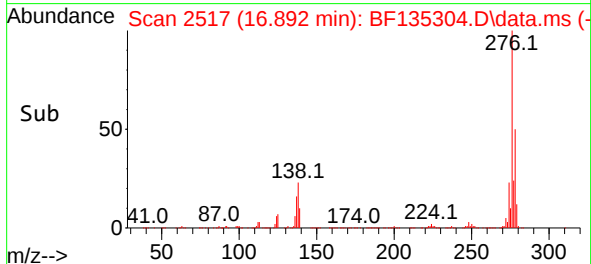
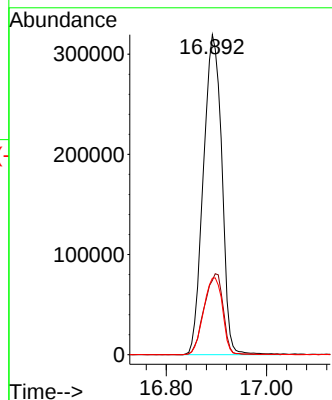
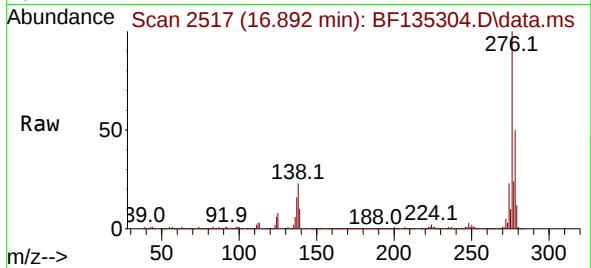




#87
Indeno(1,2,3-cd)pyrene
Concen: 23.298 ng
RT: 16.892 min Scan# 2157
Delta R.T. 0.012 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

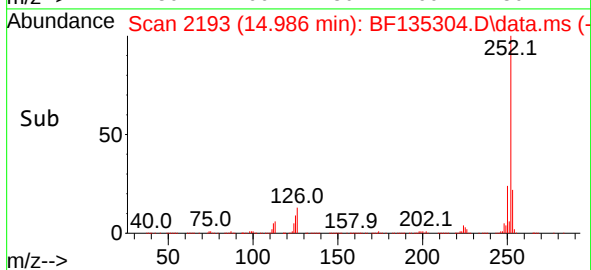
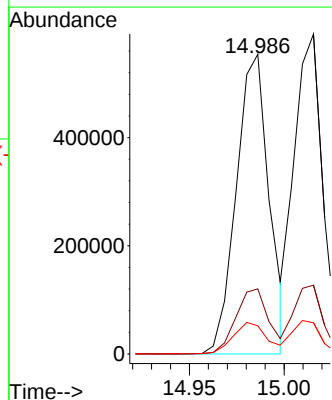
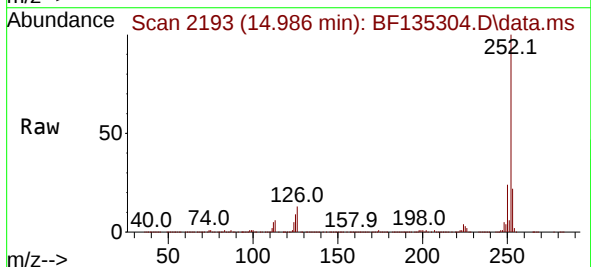
Instrument :
BNA_F
ClientSampleId :
PB155361BS

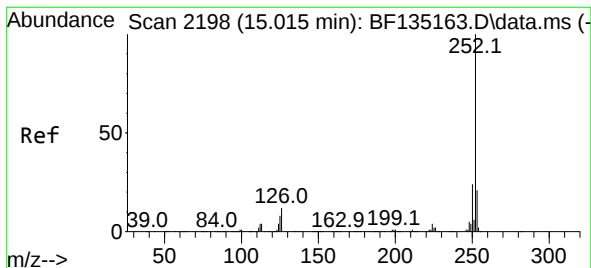
Tgt Ion:276 Resp: 816433
Ion Ratio Lower Upper
276 100
138 25.9 19.2 28.8
277 24.6 19.7 29.5



#88
Benzo(b)fluoranthene
Concen: 23.080 ng
RT: 14.986 min Scan# 2193
Delta R.T. 0.000 min
Lab File: BF135304.D
Acq: 18 Sep 2023 13:52

Tgt Ion:252 Resp: 667768
Ion Ratio Lower Upper
252 100
253 21.7 17.2 25.8
125 9.4 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 21.473 ng

RT: 15.016 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF135304.D

Acq: 18 Sep 2023 13:52

Instrument :

BNA_F

ClientSampleId :

PB155361BS

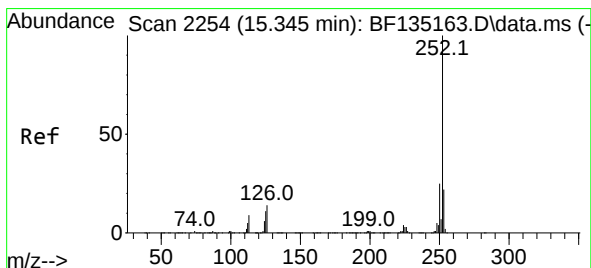
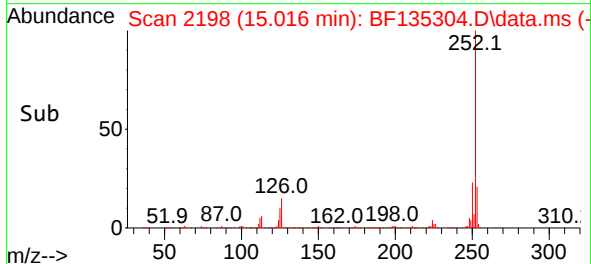
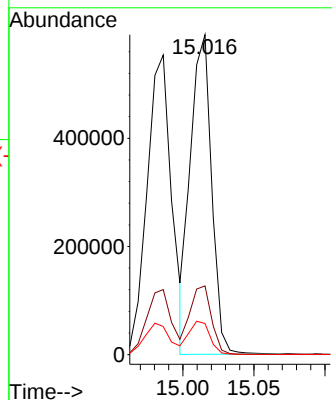
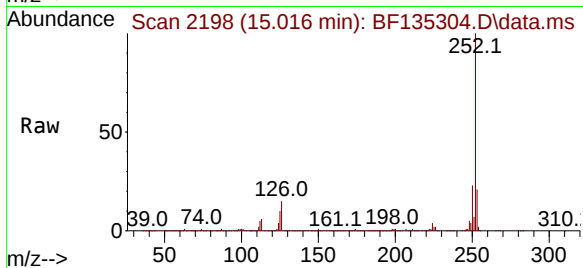
Tgt Ion:252 Resp: 613697

Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.0

125 9.8 7.2 10.8



#90

Benzo(a)pyrene

Concen: 21.766 ng

RT: 15.351 min Scan# 2255

Delta R.T. 0.006 min

Lab File: BF135304.D

Acq: 18 Sep 2023 13:52

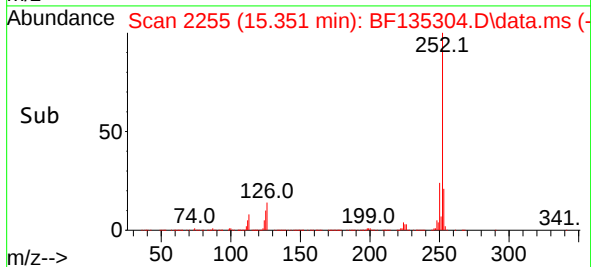
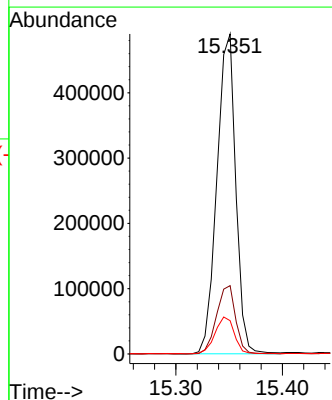
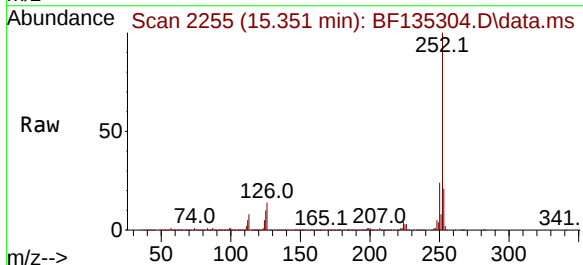
Tgt Ion:252 Resp: 600552

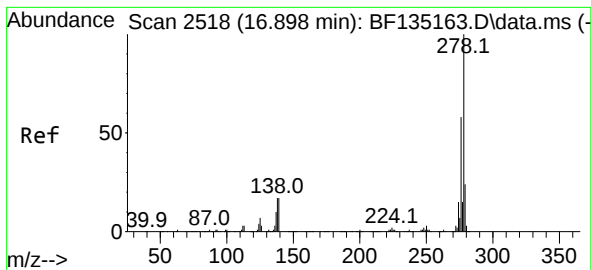
Ion Ratio Lower Upper

252 100

253 21.3 17.5 26.3

125 10.4 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 22.986 ng

RT: 16.910 min Scan# 2518

Delta R.T. 0.012 min

Lab File: BF135304.D

Acq: 18 Sep 2023 13:52

Instrument :

BNA_F

ClientSampleId :

PB155361BS

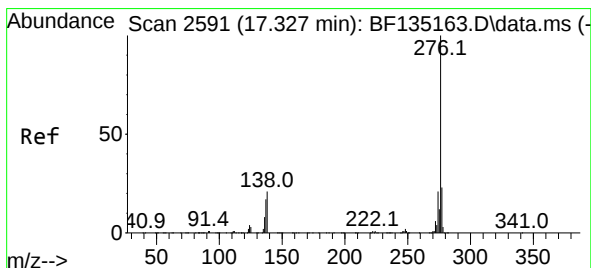
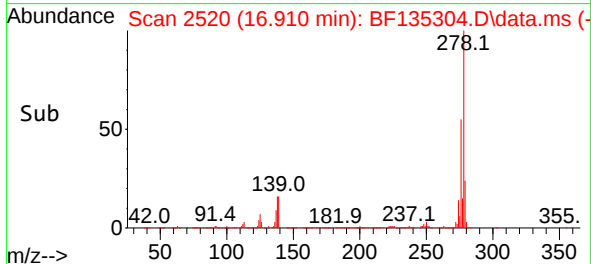
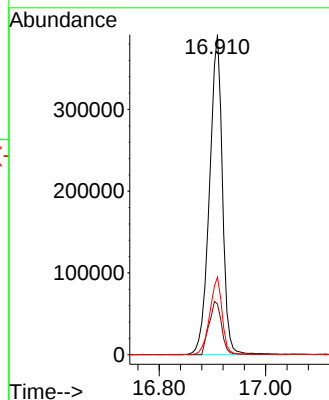
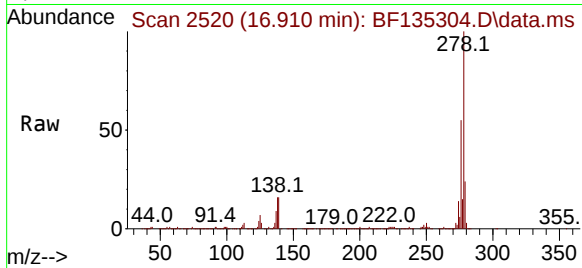
Tgt Ion:278 Resp: 659094

Ion Ratio Lower Upper

278 100

139 15.8 13.4 20.0

279 24.3 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 22.711 ng

RT: 17.345 min Scan# 2594

Delta R.T. 0.018 min

Lab File: BF135304.D

Acq: 18 Sep 2023 13:52

Tgt Ion:276 Resp: 680104

Ion Ratio Lower Upper

276 100

277 22.3 18.8 28.2

138 22.4 16.9 25.3

