

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091423\
 Data File : BF135249.D
 Acq On : 14 Sep 2023 12:30
 Operator : CG\JU
 Sample : PB155248BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 15 01:06:36 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	6.763	152	124989	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	479612	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	249386	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	481441	20.000	ng	0.00
76) Chrysene-d12	13.957	240	259409	20.000	ng	# 0.01
86) Perylene-d12	15.415	264	230741	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	972933	126.605	ng	0.02
7) Phenol-d6	6.416	99	1249556	127.876	ng	0.01
23) Nitrobenzene-d5	7.334	82	794167	89.962	ng	0.00
42) 2,4,6-Tribromophenol	10.604	330	335310	135.299	ng	0.00
45) 2-Fluorobiphenyl	9.128	172	1398812	84.625	ng	0.00
79) Terphenyl-d14	12.898	244	1521628	90.930	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.593	88	124399	36.926	ng	99
3) Pyridine	3.340	79	336847	37.151	ng	96
4) n-Nitrosodimethylamine	3.304	42	219684	45.659	ng	99
6) Aniline	6.434	93	396389	30.934	ng	# 64
8) 2-Chlorophenol	6.551	128	387099	47.187	ng	99
9) Benzaldehyde	6.316	77	140784	25.290	ng	94
10) Phenol	6.428	94	448385	41.846	ng	83
11) bis(2-Chloroethyl)ether	6.510	93	358524	44.607	ng	98
12) 1,3-Dichlorobenzene	6.704	146	377776	45.312	ng	100
13) 1,4-Dichlorobenzene	6.781	146	382920	45.144	ng	98
14) 1,2-Dichlorobenzene	6.934	146	365628	46.416	ng	98
15) Benzyl Alcohol	6.916	79	328829	46.895	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.045	45	680083	44.890	ng	97
17) 2-Methylphenol	7.028	107	307359	42.457	ng	97
18) Hexachloroethane	7.269	117	143609	45.821	ng	93
19) n-Nitroso-di-n-propyla...	7.187	70	253939	41.956	ng	95
20) 3+4-Methylphenols	7.181	107	356392	40.941	ng	96
22) Acetophenone	7.181	105	503373	45.907	ng	98
24) Nitrobenzene	7.351	77	396116	45.398	ng	99
25) Isophorone	7.592	82	742052	45.777	ng	99
26) 2-Nitrophenol	7.669	139	205405	49.049	ng	95
27) 2,4-Dimethylphenol	7.710	122	338339	48.066	ng	99
28) bis(2-Chloroethoxy)met...	7.804	93	445138	45.879	ng	99
29) 2,4-Dichlorophenol	7.910	162	310732	47.640	ng	98
30) 1,2,4-Trichlorobenzene	7.986	180	323031	47.382	ng	99
31) Naphthalene	8.069	128	1058073	45.405	ng	99
32) Benzoic acid	7.857	122	263445	49.702	ng	97
33) 4-Chloroaniline	8.122	127	176666	17.280	ng	98
34) Hexachlorobutadiene	8.181	225	192189	46.752	ng	99
35) Caprolactam	8.504	113	57792	26.400	ng	97
36) 4-Chloro-3-methylphenol	8.616	107	347925	47.994	ng	97
37) 2-Methylnaphthalene	8.763	142	685800	43.782	ng	98
38) 1-Methylnaphthalene	8.857	142	635930	43.363	ng	99
40) 1,2,4,5-Tetrachloroben...	8.928	216	328685	45.493	ng	99
41) Hexachlorocyclopentadiene	8.910	237	275256	85.866	ng	97
43) 2,4,6-Trichlorophenol	9.045	196	221603	46.846	ng	98

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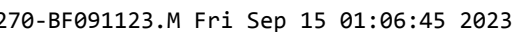
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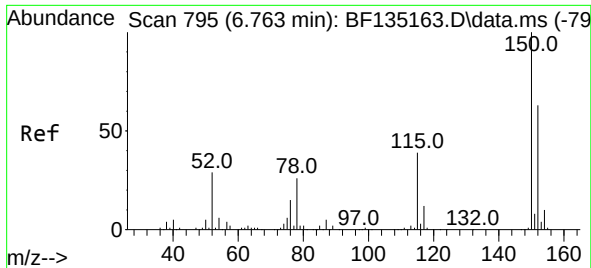
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.086	196	237955	43.680	ng	97
46) 1,1'-Biphenyl	9.228	154	849950	44.349	ng	99
47) 2-Chloronaphthalene	9.251	162	646517	46.494	ng	98
48) 2-Nitroaniline	9.357	65	248397	45.981	ng	96
49) Acenaphthylene	9.669	152	1009424	43.680	ng	100
50) Dimethylphthalate	9.539	163	778474	46.170	ng	99
51) 2,6-Dinitrotoluene	9.598	165	173239	46.901	ng	99
52) Acenaphthene	9.839	154	617687	45.246	ng	97
53) 3-Nitroaniline	9.769	138	137989	31.826	ng	97
54) 2,4-Dinitrophenol	9.886	184	195065	92.009	ng	95
55) Dibenzofuran	10.016	168	891187	42.779	ng	99
56) 4-Nitrophenol	9.945	139	262742	95.348	ng	97
57) 2,4-Dinitrotoluene	10.010	165	206704	44.701	ng	89
58) Fluorene	10.357	166	710488	44.363	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.133	232	205511	49.041	ng	99
60) Diethylphthalate	10.239	149	778504	46.007	ng	99
61) 4-Chlorophenyl-phenyle...	10.351	204	331412	43.079	ng	97
62) 4-Nitroaniline	10.392	138	196644	47.182	ng	99
63) Azobenzene	10.510	77	753185	45.479	ng	97
65) 4,6-Dinitro-2-methylph...	10.422	198	133662	52.271	ng	91
66) n-Nitrosodiphenylamine	10.475	169	670167	45.979	ng	100
67) 4-Bromophenyl-phenylether	10.839	248	219335	45.807	ng	94
68) Hexachlorobenzene	10.904	284	241007	49.405	ng	# 91
69) Atrazine	11.010	200	222569	56.751	ng	99
70) Pentachlorophenol	11.104	266	249076	85.341	ng	99
71) Phenanthrene	11.322	178	1068660	46.933	ng	100
72) Anthracene	11.374	178	1085046	46.359	ng	99
73) Carbazole	11.533	167	1036848	48.664	ng	100
74) Di-n-butylphthalate	11.869	149	1222596	48.697	ng	100
75) Fluoranthene	12.516	202	1141608	48.116	ng	99
77) Benzidine	12.645	184	362494	68.209	ng	99
78) Pyrene	12.745	202	1160195	46.976	ng	100
80) Butylbenzylphthalate	13.374	149	487245	56.033	ng	98
81) Benzo(a)anthracene	13.945	228	777787	46.433	ng	98
82) 3,3'-Dichlorobenzidine	13.910	252	178089	34.037	ng	98
83) Chrysene	13.980	228	764570	45.909	ng	99
84) Bis(2-ethylhexyl)phtha...	13.939	149	559158	62.663	ng	98
85) Di-n-octyl phthalate	14.551	149	860331	60.669	ng	100
87) Indeno(1,2,3-cd)pyrene	16.909	276	757199	50.050	ng	99
88) Benzo(b)fluoranthene	14.992	252	627864	50.266	ng	99
89) Benzo(k)fluoranthene	15.021	252	625140	50.665	ng	99
90) Benzo(a)pyrene	15.357	252	557879	46.835	ng	99
91) Dibenzo(a,h)anthracene	16.921	278	614463	49.639	ng	99
92) Benzo(g,h,i)perylene	17.356	276	630578	48.776	ng	99

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

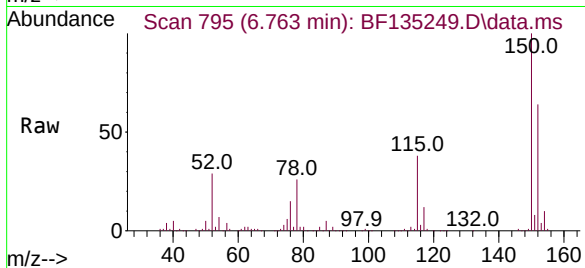
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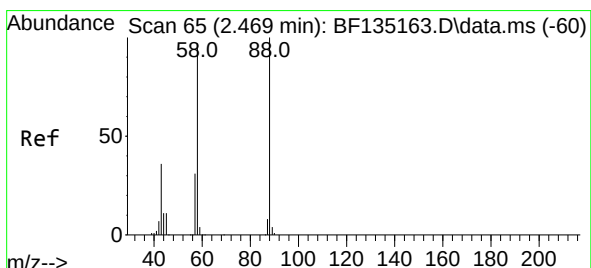
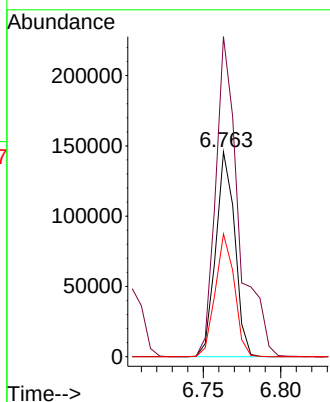
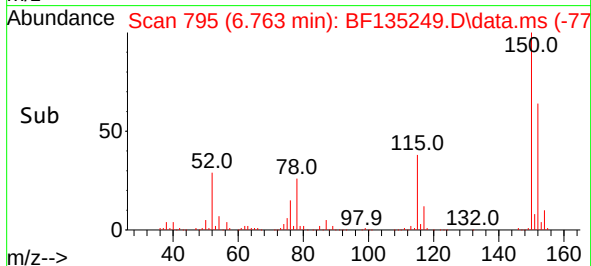


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.763 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: BF135249.D
 Acq: 14 Sep 2023 12:30

Instrument :
 BNA_F
 ClientSampleId :

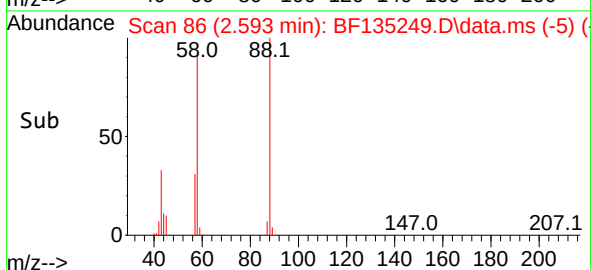
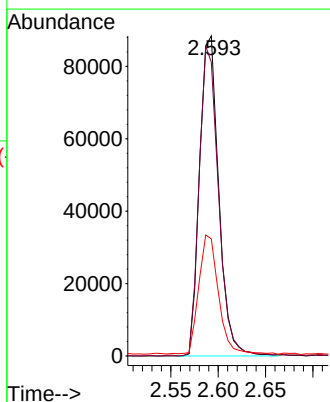
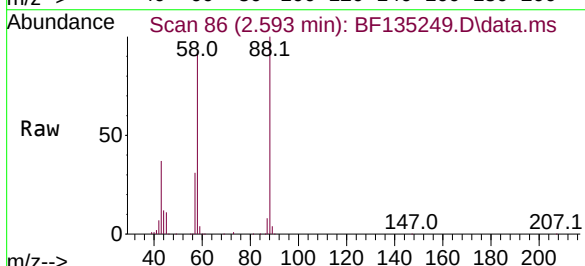


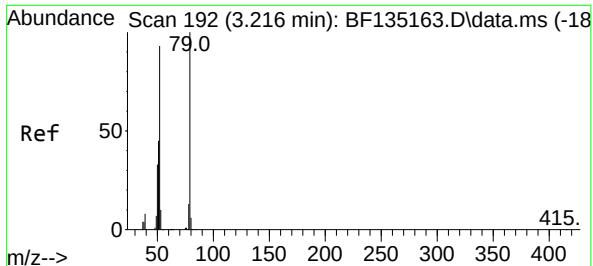
Tgt Ion:152 Resp: 124989
 Ion Ratio Lower Upper
 152 100
 150 156.3 127.8 191.6
 115 59.9 49.8 74.8



#2
 1,4-Dioxane
 Concen: 36.926 ng
 RT: 2.593 min Scan# 86
 Delta R.T. 0.124 min
 Lab File: BF135249.D
 Acq: 14 Sep 2023 12:30

Tgt Ion: 88 Resp: 124399
 Ion Ratio Lower Upper
 88 100
 58 98.1 78.3 117.5
 43 38.3 29.4 44.0

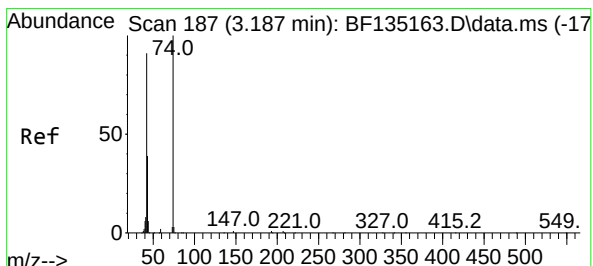
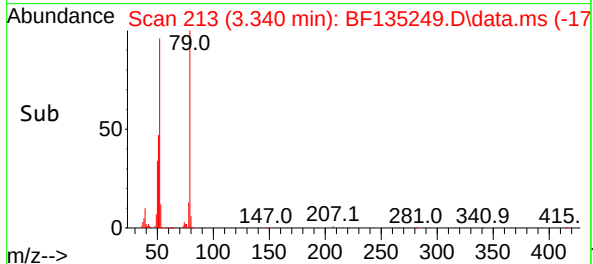
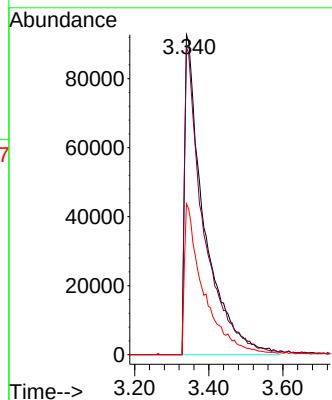
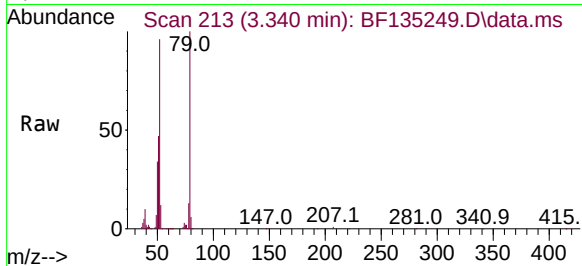




#3
 Pyridine
 Concen: 37.151 ng
 RT: 3.340 min Scan# 21
 Delta R.T. 0.124 min
 Lab File: BF135249.D
 Acq: 14 Sep 2023 12:30

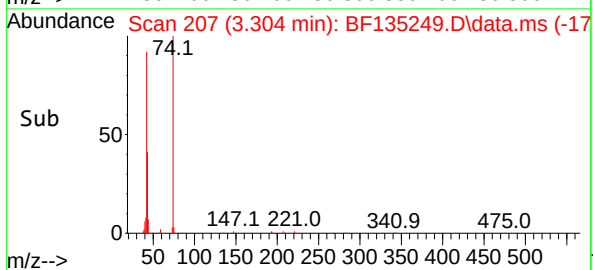
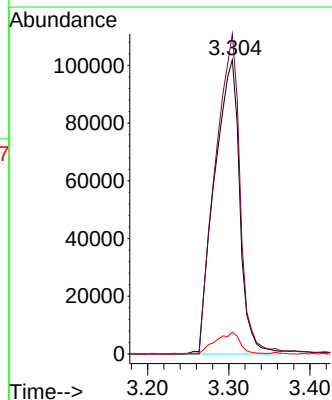
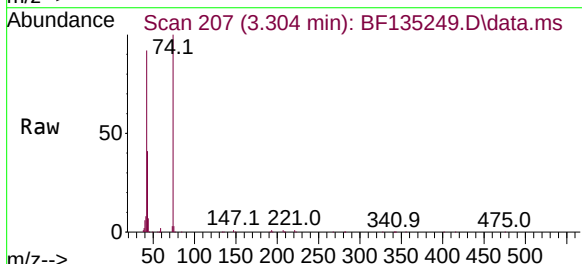
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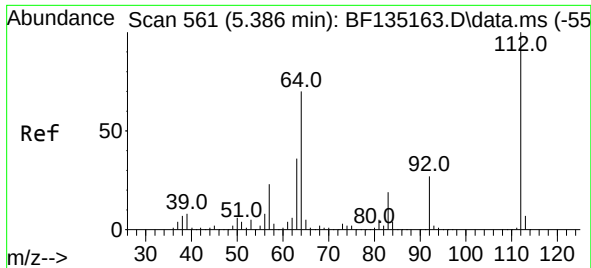
Tgt Ion: 79 Resp: 336847
 Ion Ratio Lower Upper
 79 100
 52 96.0 74.1 111.1
 51 47.2 35.8 53.8



#4
 n-Nitrosodimethylamine
 Concen: 45.659 ng
 RT: 3.304 min Scan# 207
 Delta R.T. 0.118 min
 Lab File: BF135249.D
 Acq: 14 Sep 2023 12:30

Tgt Ion: 42 Resp: 219684
 Ion Ratio Lower Upper
 42 100
 74 108.8 87.7 131.5
 44 7.4 5.6 8.4

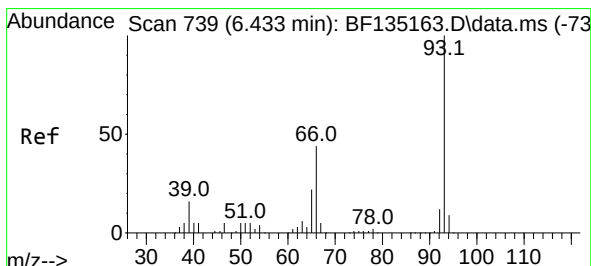
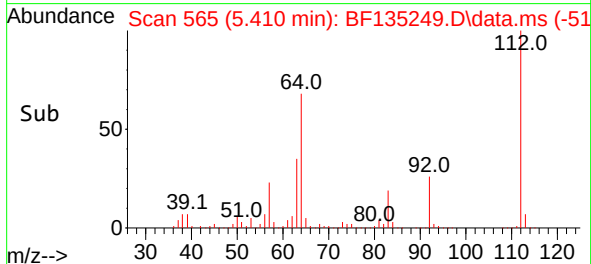
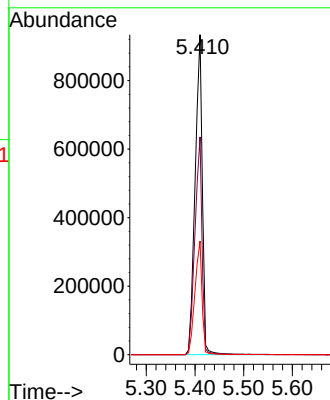
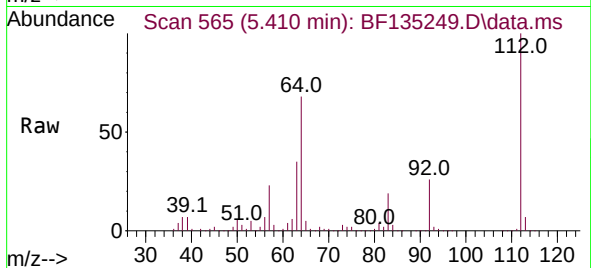




#5
2-Fluorophenol
Concen: 126.605 ng
RT: 5.410 min Scan# 50
Delta R.T. 0.024 min
Lab File: BF135249.D
Acq: 14 Sep 2023 12:30

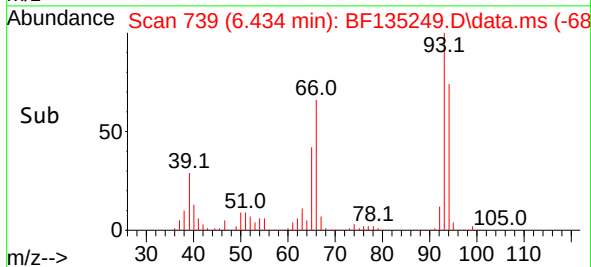
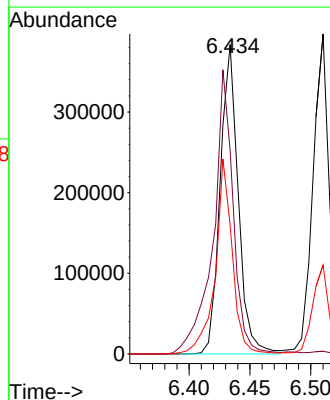
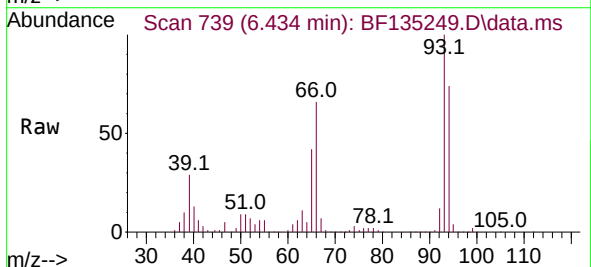
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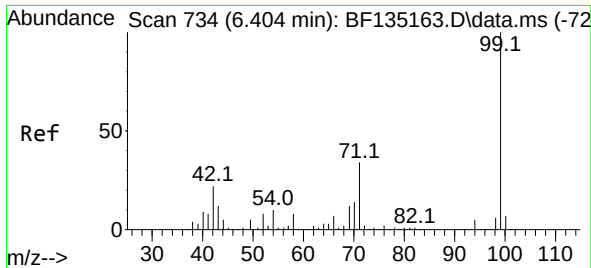
Tgt Ion:112 Resp: 972933
Ion Ratio Lower Upper
112 100
64 68.0 55.9 83.9
63 35.5 29.0 43.6



#6
Aniline
Concen: 30.934 ng
RT: 6.434 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF135249.D
Acq: 14 Sep 2023 12:30

Tgt Ion: 93 Resp: 396389
Ion Ratio Lower Upper
93 100
66 65.8 35.4 53.0#
65 41.6 17.8 26.8#

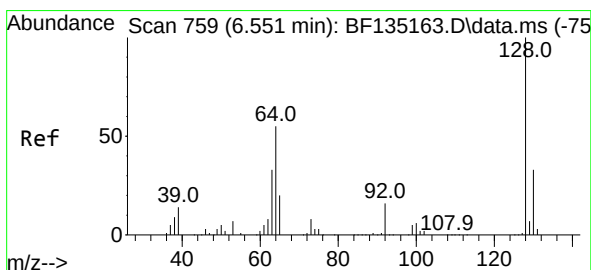
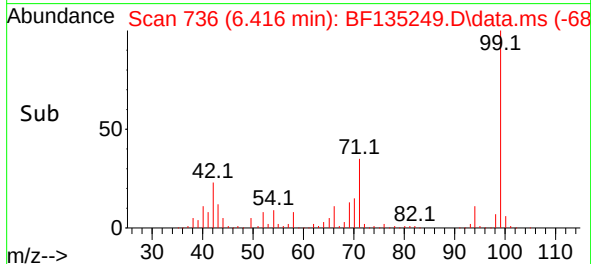
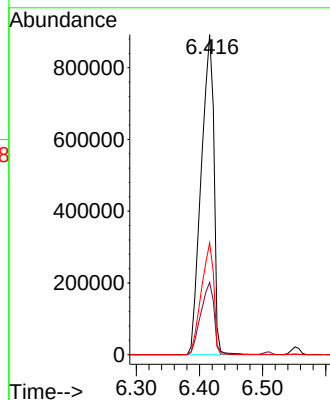
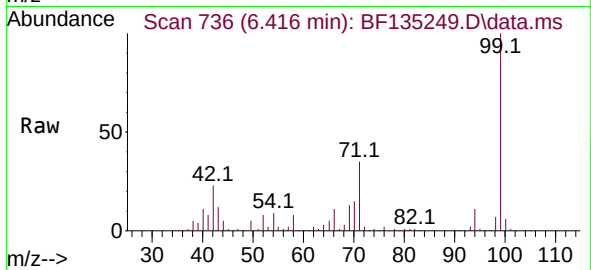




#7
Phenol-d6
Concen: 127.876 ng
RT: 6.416 min Scan# 736
Delta R.T. 0.012 min
Lab File: BF135249.D
Acq: 14 Sep 2023 12:30

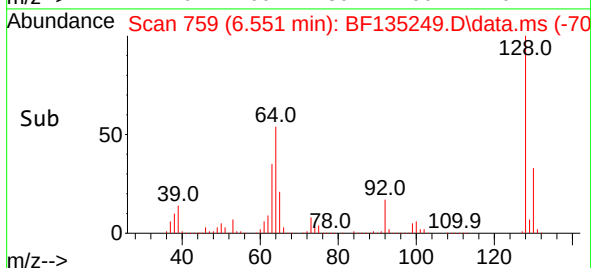
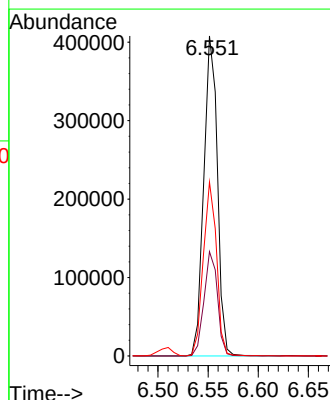
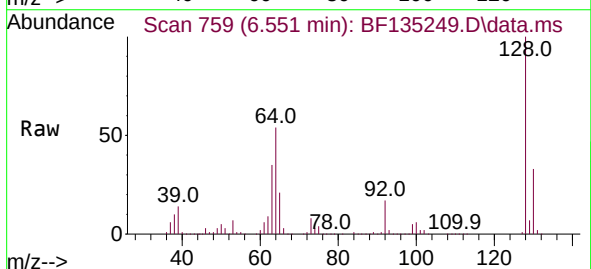
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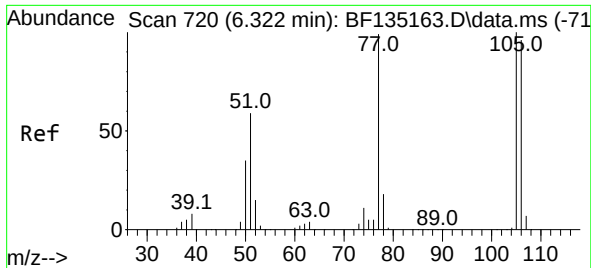
Tgt Ion: 99 Resp: 1249556
Ion Ratio Lower Upper
99 100
42 22.5 17.9 26.9
71 35.0 27.0 40.6



#8
2-Chlorophenol
Concen: 47.187 ng
RT: 6.551 min Scan# 759
Delta R.T. 0.000 min
Lab File: BF135249.D
Acq: 14 Sep 2023 12:30

Tgt Ion:128 Resp: 387099
Ion Ratio Lower Upper
128 100
130 32.6 12.7 52.7
64 54.4 35.9 75.9





#9

Benzaldehyde

Concen: 25.290 ng

RT: 6.316 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF135249.D

Acq: 14 Sep 2023 12:30

Instrument :

BNA_F

ClientSampleId :

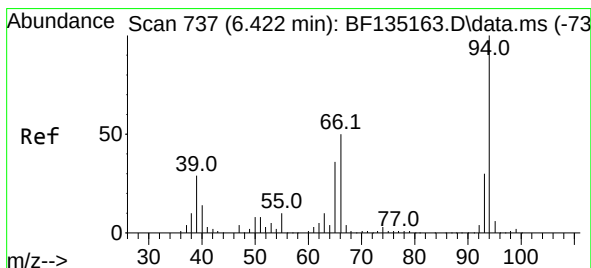
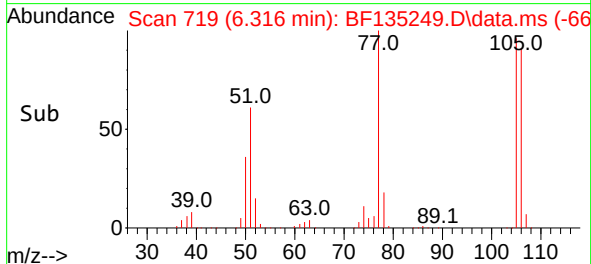
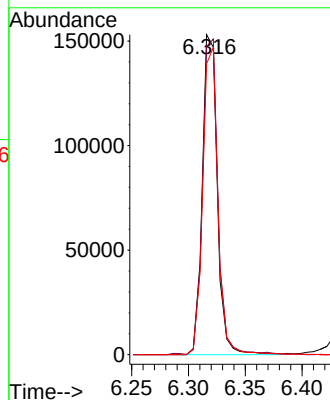
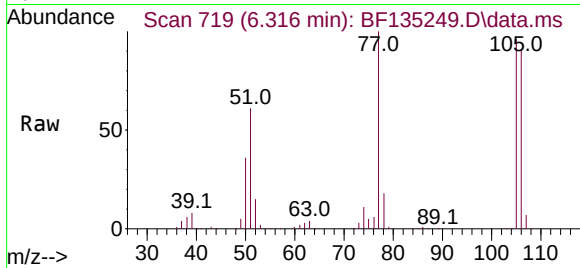
Tgt Ion: 77 Resp: 140784

Ion Ratio Lower Upper

77 100

105 96.3 81.4 121.4

106 90.9 76.9 116.9



#10

Phenol

Concen: 41.846 ng

RT: 6.428 min Scan# 738

Delta R.T. 0.006 min

Lab File: BF135249.D

Acq: 14 Sep 2023 12:30

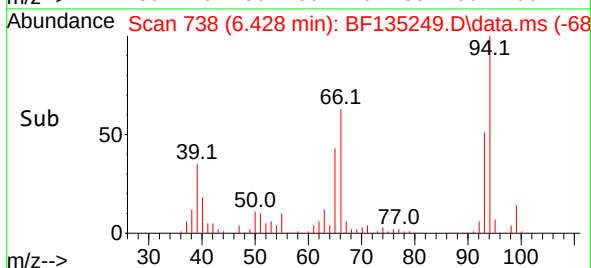
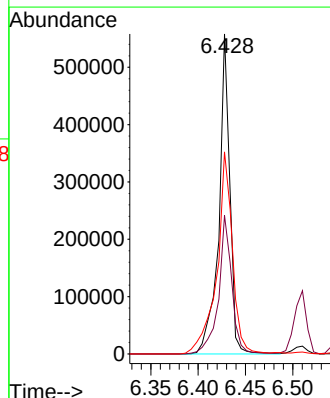
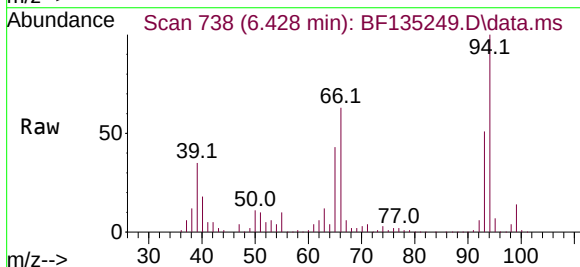
Tgt Ion: 94 Resp: 448385

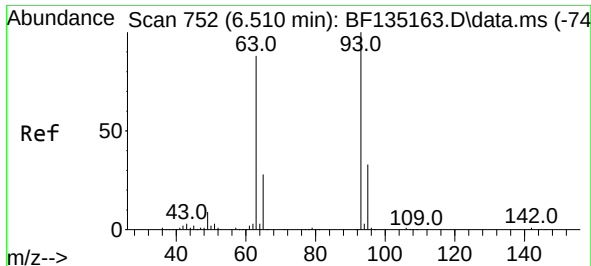
Ion Ratio Lower Upper

94 100

65 43.3 15.9 55.9

66 63.1 29.8 69.8

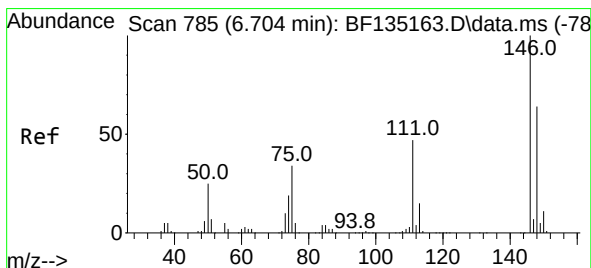
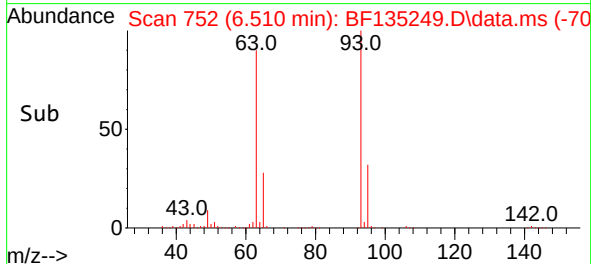
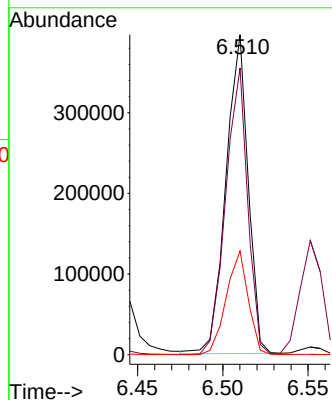
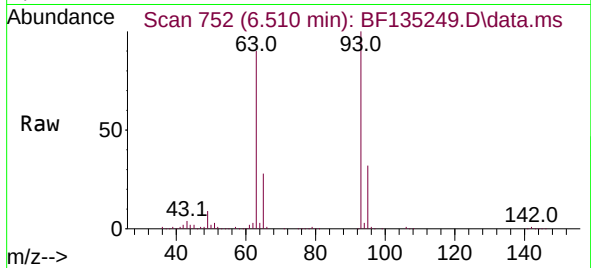




#11
bis(2-Chloroethyl)ether
Concen: 44.607 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF135249.D
Acq: 14 Sep 2023 12:30

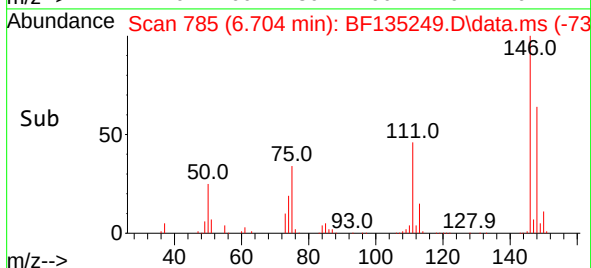
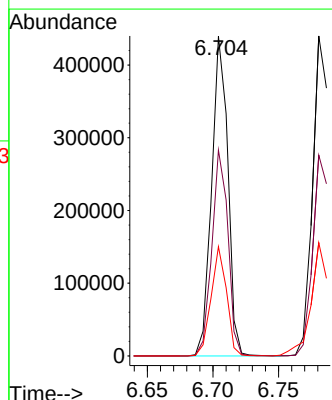
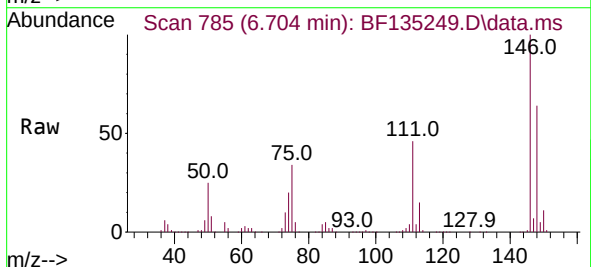
Instrument :
BNA_F
ClientSampleId :

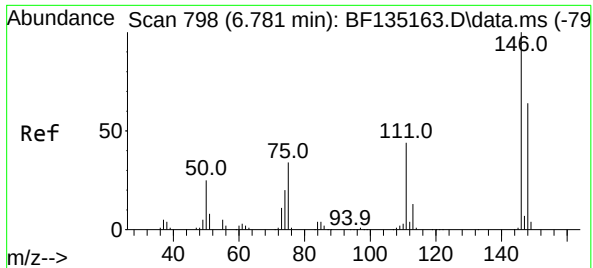
Tgt Ion: 93 Resp: 358524
Ion Ratio Lower Upper
93 100
63 89.6 67.3 107.3
95 32.4 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 45.312 ng
RT: 6.704 min Scan# 785
Delta R.T. 0.000 min
Lab File: BF135249.D
Acq: 14 Sep 2023 12:30

Tgt Ion:146 Resp: 377776
Ion Ratio Lower Upper
146 100
148 64.4 51.3 76.9
75 34.2 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 45.144 ng

RT: 6.781 min Scan# 798

Delta R.T. 0.000 min

Lab File: BF135249.D

Acq: 14 Sep 2023 12:30

Instrument :

BNA_F

ClientSampleId :

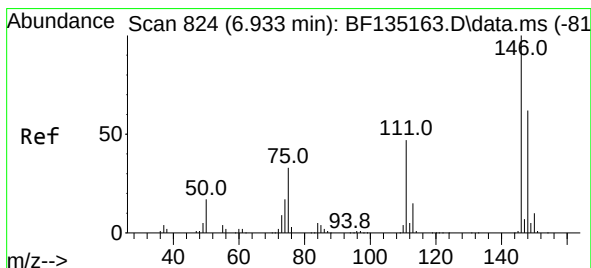
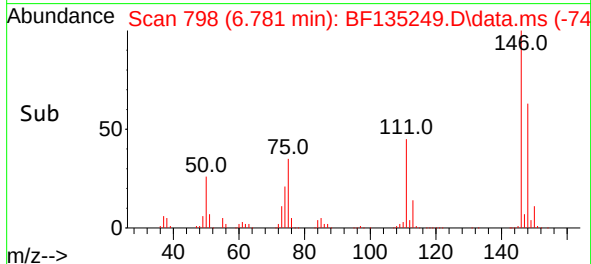
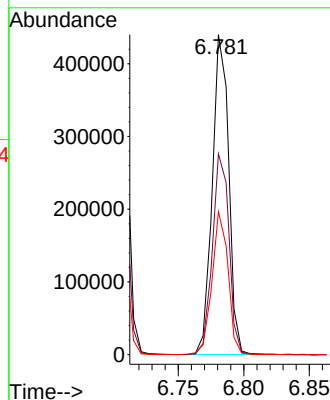
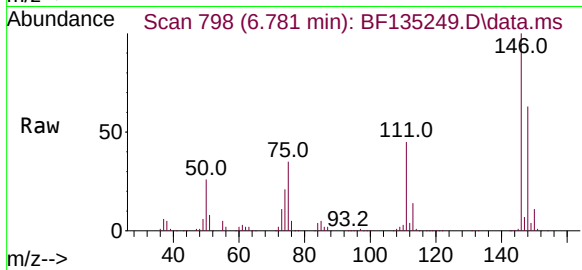
Tgt Ion:146 Resp: 382920

Ion Ratio Lower Upper

146 100

148 62.7 51.3 76.9

111 44.8 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 46.416 ng

RT: 6.934 min Scan# 824

Delta R.T. 0.000 min

Lab File: BF135249.D

Acq: 14 Sep 2023 12:30

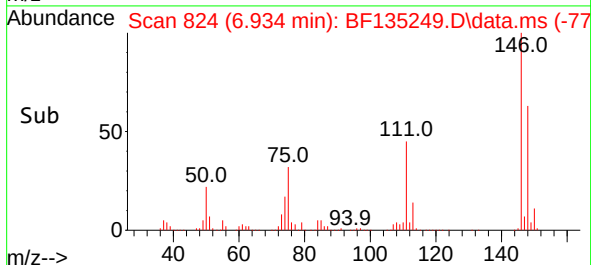
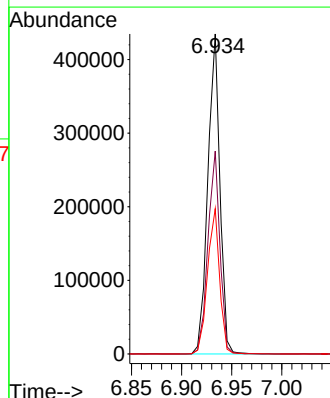
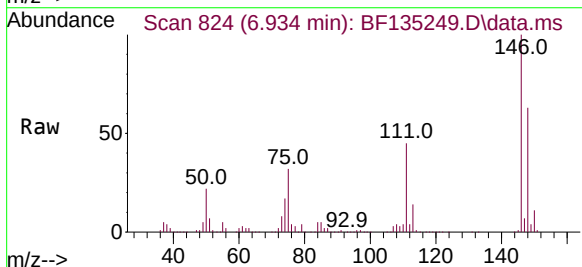
Tgt Ion:146 Resp: 365628

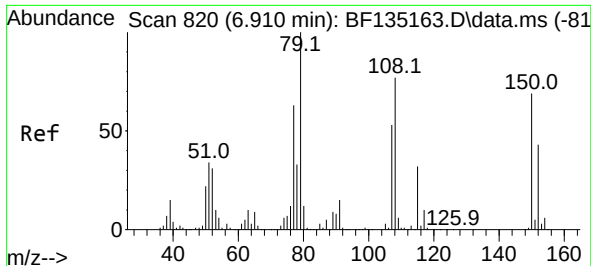
Ion Ratio Lower Upper

146 100

148 63.4 49.7 74.5

111 45.4 37.4 56.2

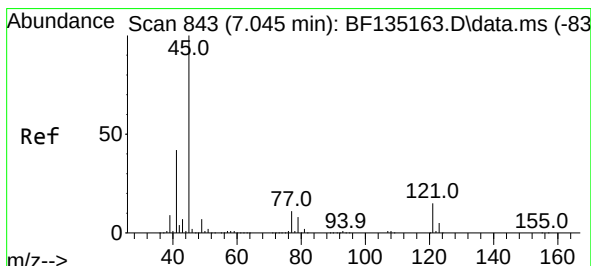
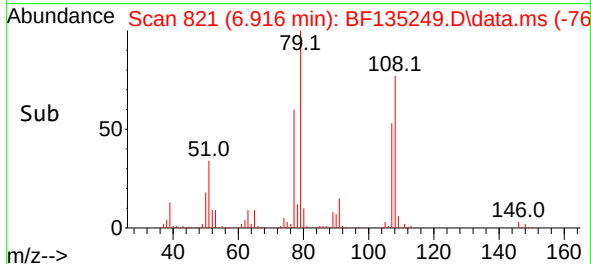
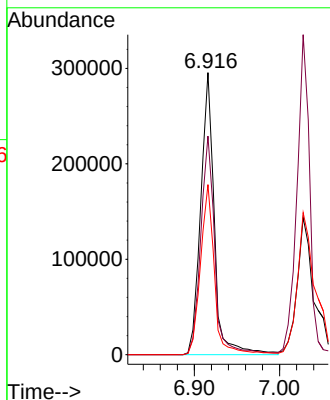
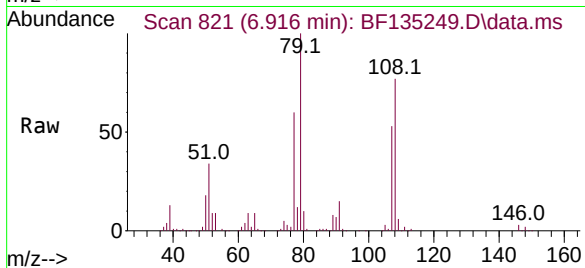




#15
Benzyl Alcohol
Concen: 46.895 ng
RT: 6.916 min Scan# 821
Delta R.T. 0.006 min
Lab File: BF135249.D
Acq: 14 Sep 2023 12:30

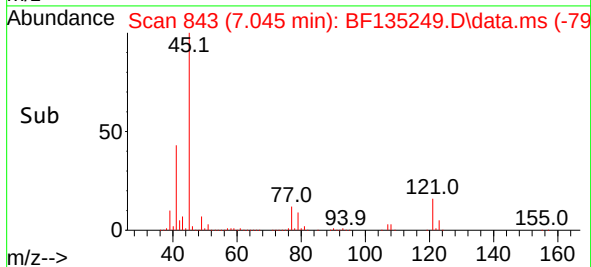
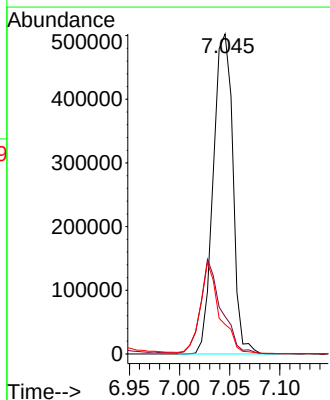
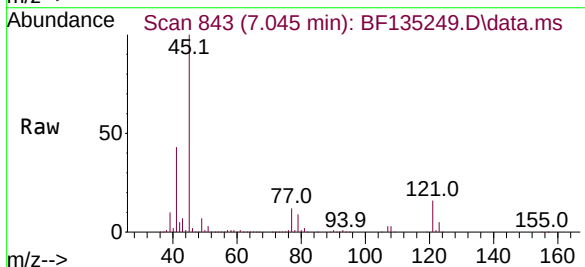
Instrument :
BNA_F
ClientSampleId :

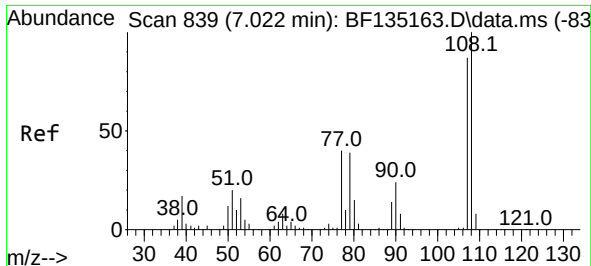
Tgt Ion: 79 Resp: 328829
Ion Ratio Lower Upper
79 100
108 77.5 61.2 91.8
77 60.3 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.890 ng
RT: 7.045 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF135249.D
Acq: 14 Sep 2023 12:30

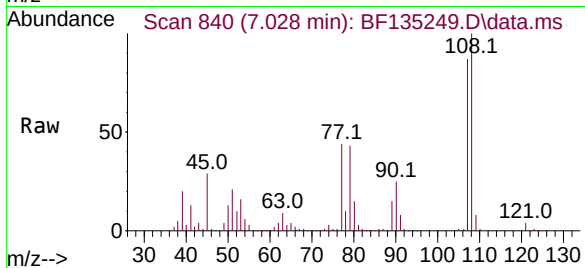
Tgt Ion: 45 Resp: 680083
Ion Ratio Lower Upper
45 100
77 11.7 0.0 30.6
79 9.2 0.0 28.3



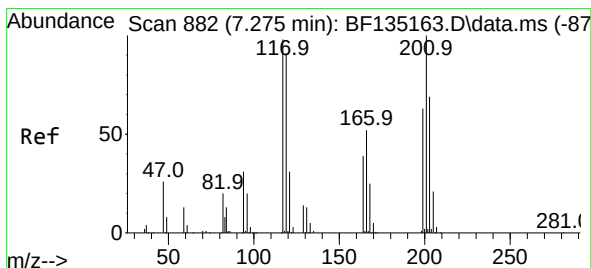
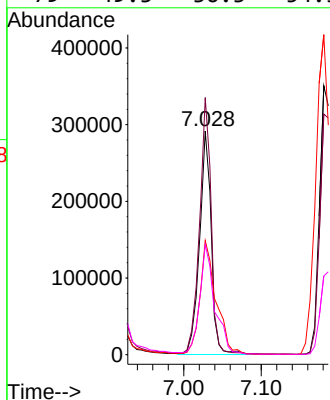
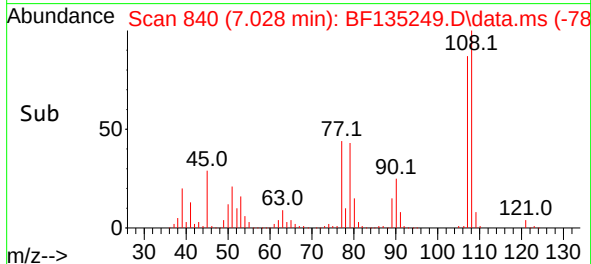


#17
2-Methylphenol
Concen: 42.457 ng
RT: 7.028 min Scan# 840
Delta R.T. 0.006 min
Lab File: BF135249.D
Acq: 14 Sep 2023 12:30

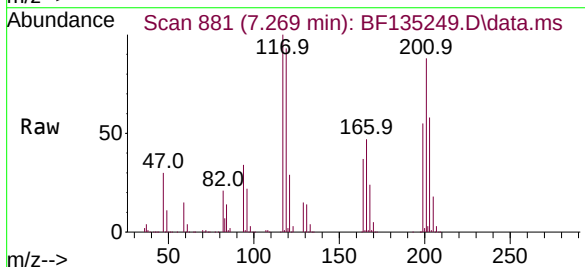
Instrument :
BNA_F
ClientSampleId :



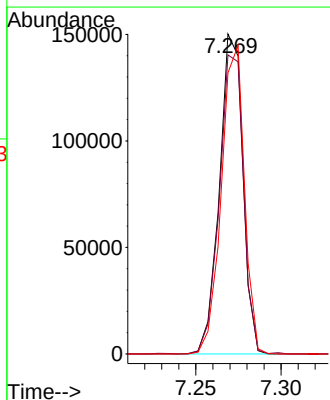
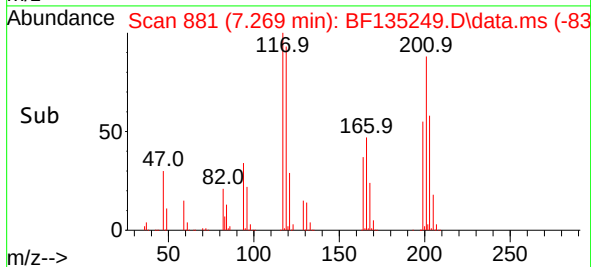
Tgt Ion:107 Resp: 307359
Ion Ratio Lower Upper
107 100
108 115.0 92.0 138.0
77 51.0 36.7 55.1
79 49.3 36.3 54.5

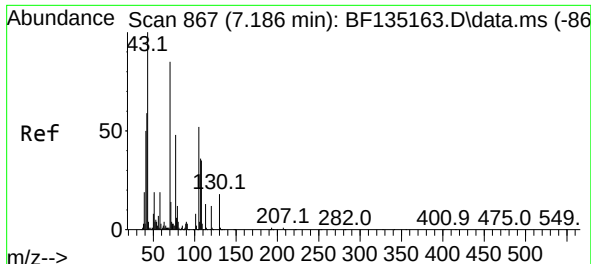


#18
Hexachloroethane
Concen: 45.821 ng
RT: 7.269 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF135249.D
Acq: 14 Sep 2023 12:30



Tgt Ion:117 Resp: 143609
Ion Ratio Lower Upper
117 100
119 93.4 74.7 112.1
201 87.9 81.8 122.8





#19

n-Nitroso-di-n-propylamine

Concen: 41.956 ng

RT: 7.187 min Scan# 867

Delta R.T. 0.000 min

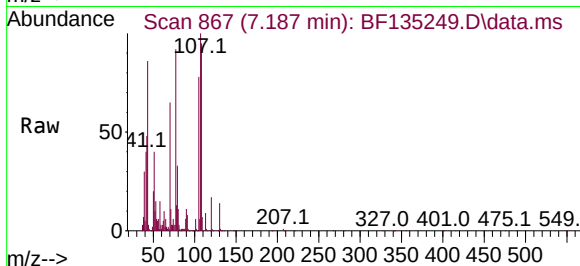
Lab File: BF135249.D

Acq: 14 Sep 2023 12:30

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 70 Resp: 253939

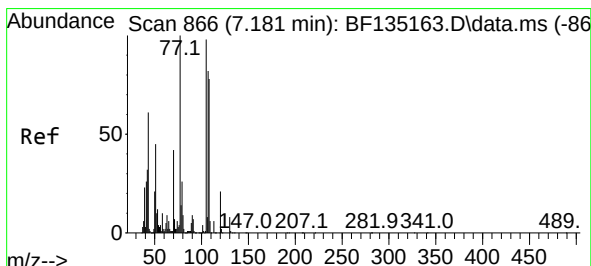
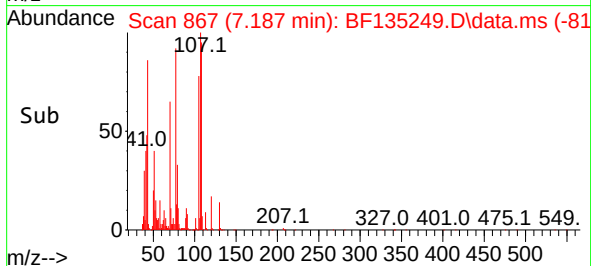
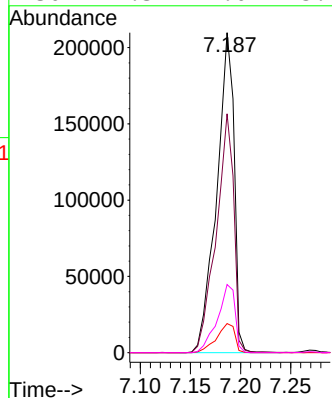
Ion Ratio Lower Upper

70 100

42 74.6 55.4 83.0

101 9.1 7.7 11.5

130 21.3 17.0 25.6



#20

3+4-Methylphenols

Concen: 40.941 ng

RT: 7.181 min Scan# 866

Delta R.T. 0.000 min

Lab File: BF135249.D

Acq: 14 Sep 2023 12:30

Tgt Ion: 107 Resp: 356392

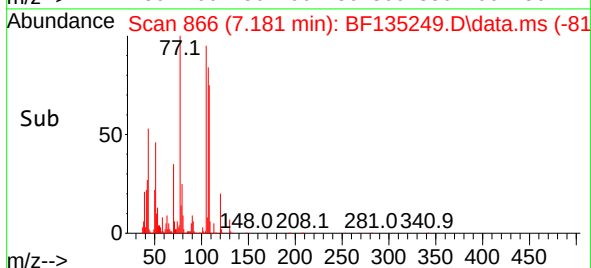
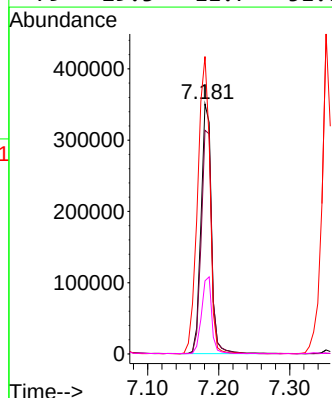
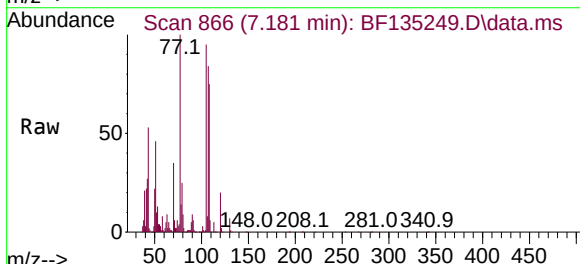
Ion Ratio Lower Upper

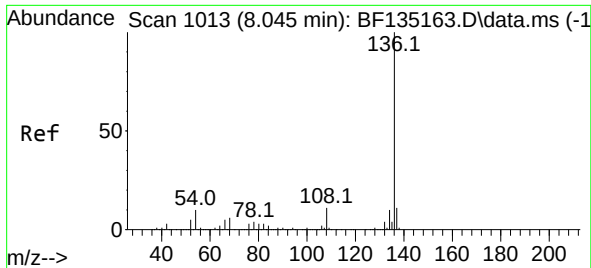
107 100

108 89.5 74.7 114.7

77 119.0 102.0 142.0

79 29.3 11.7 51.7

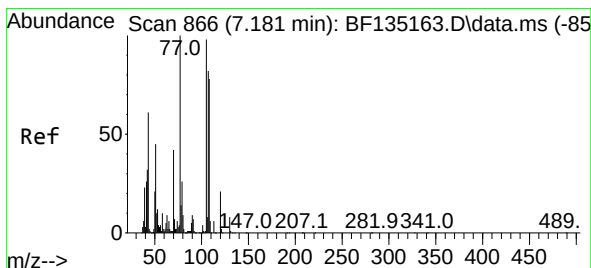
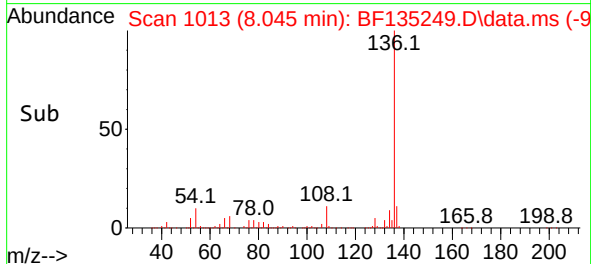
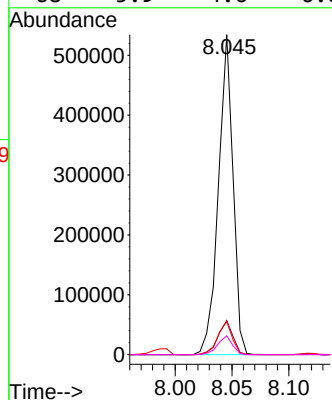
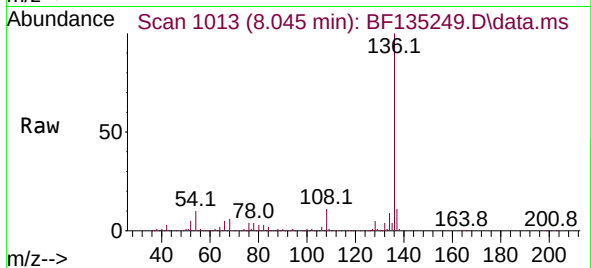




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135249.D
Acq: 14 Sep 2023 12:30

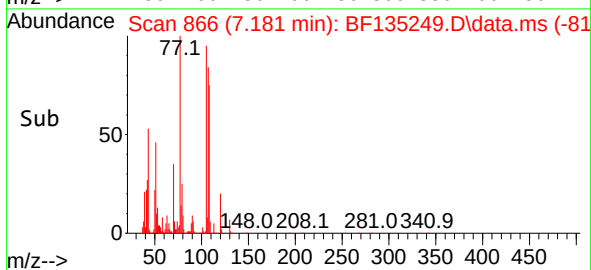
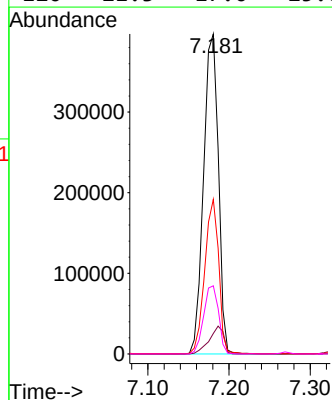
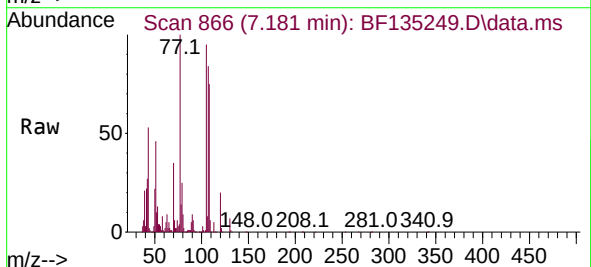
Instrument :
BNA_F
ClientSampleId :

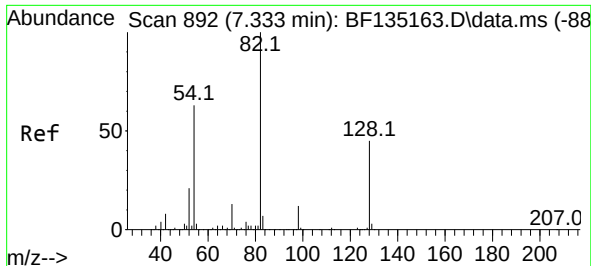
Tgt Ion:	136	Resp:	479612
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	10.4	7.7	11.5
68	5.9	4.6	6.8



#22
Acetophenone
Concen: 45.907 ng
RT: 7.181 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF135249.D
Acq: 14 Sep 2023 12:30

Tgt Ion:	105	Resp:	503373
Ion	Ratio	Lower	Upper
105	100		
71	6.4	5.8	8.6
51	48.3	37.0	55.4
120	21.3	17.0	25.6





#23

Nitrobenzene-d5

Concen: 89.962 ng

RT: 7.334 min Scan# 892

Delta R.T. 0.000 min

Lab File: BF135249.D

Acq: 14 Sep 2023 12:30

Instrument :

BNA_F

ClientSampleId :

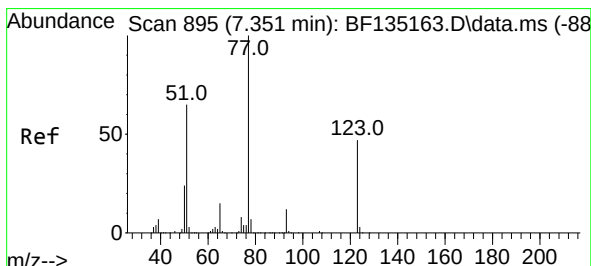
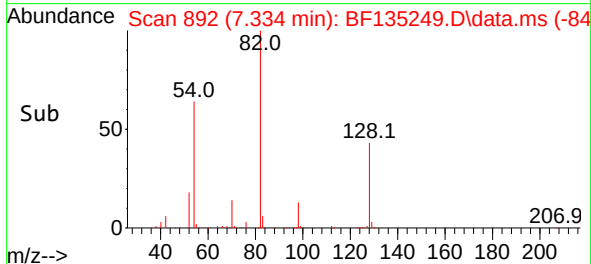
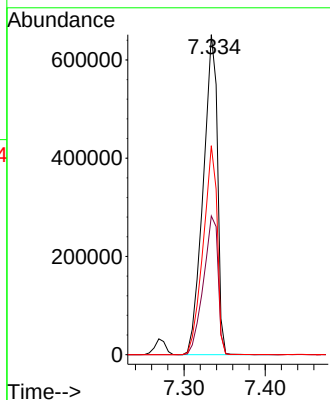
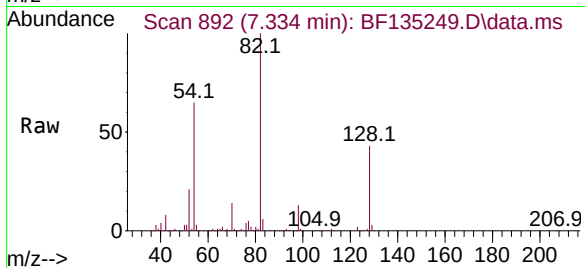
Tgt Ion: 82 Resp: 794167

Ion Ratio Lower Upper

82 100

128 43.4 35.8 53.6

54 65.3 50.6 76.0



#24

Nitrobenzene

Concen: 45.398 ng

RT: 7.351 min Scan# 895

Delta R.T. 0.000 min

Lab File: BF135249.D

Acq: 14 Sep 2023 12:30

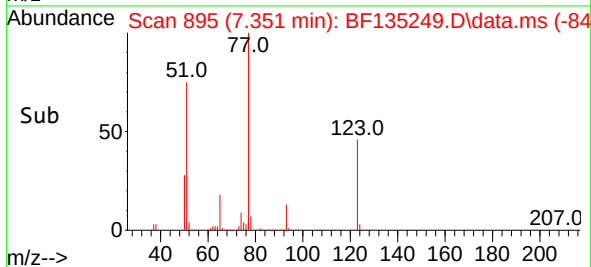
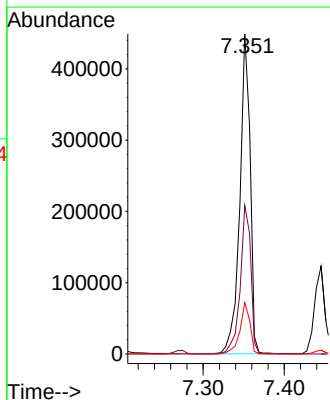
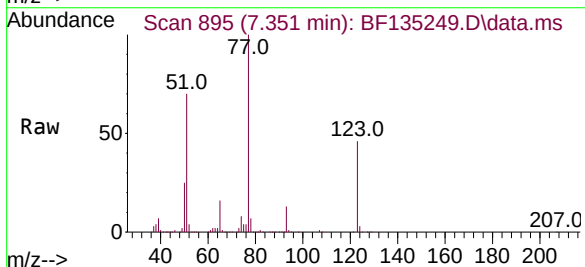
Tgt Ion: 77 Resp: 396116

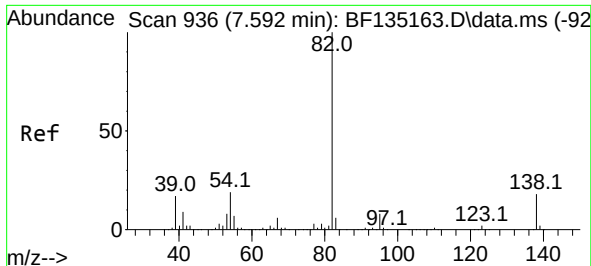
Ion Ratio Lower Upper

77 100

123 46.4 37.6 56.4

65 16.1 12.2 18.4

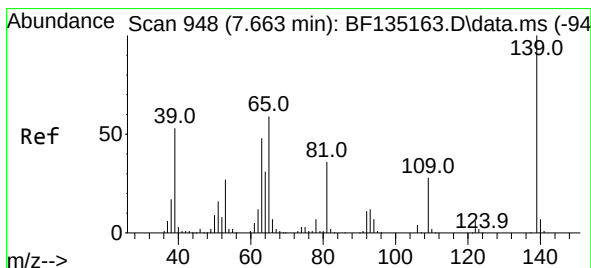
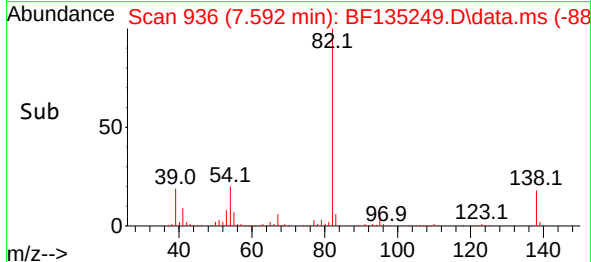
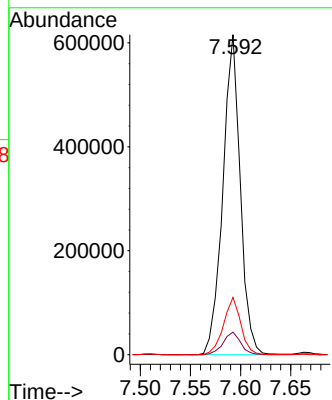
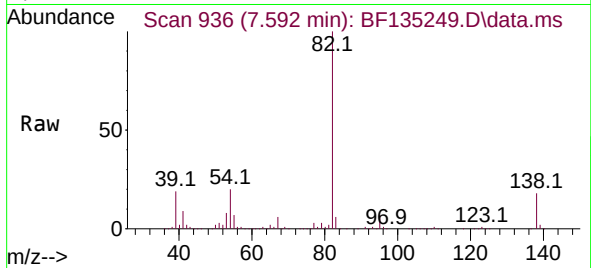




#25
Isophorone
Concen: 45.777 ng
RT: 7.592 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF135249.D
Acq: 14 Sep 2023 12:30

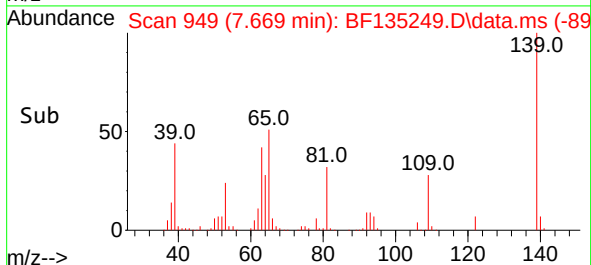
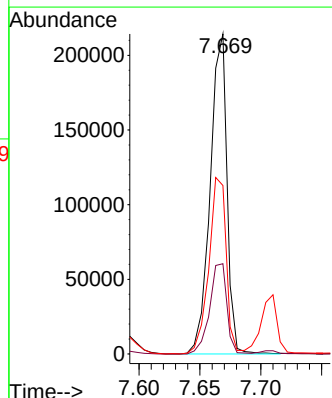
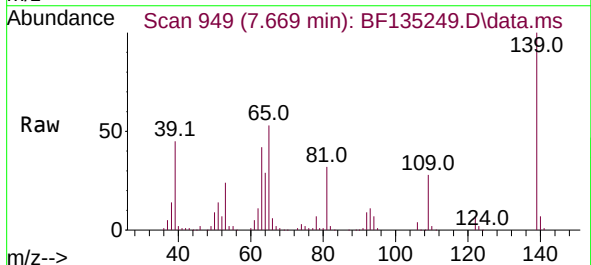
Instrument :
BNA_F
ClientSampleId :

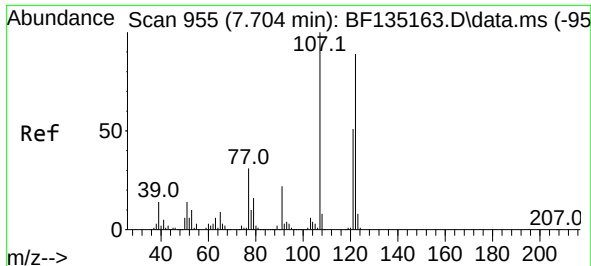
Tgt Ion: 82 Resp: 742052
Ion Ratio Lower Upper
82 100
95 7.1 6.0 9.0
138 17.9 14.5 21.7



#26
2-Nitrophenol
Concen: 49.049 ng
RT: 7.669 min Scan# 949
Delta R.T. 0.006 min
Lab File: BF135249.D
Acq: 14 Sep 2023 12:30

Tgt Ion:139 Resp: 205405
Ion Ratio Lower Upper
139 100
109 28.2 22.6 33.8
65 52.7 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 48.066 ng

RT: 7.710 min Scan# 910

Delta R.T. 0.006 min

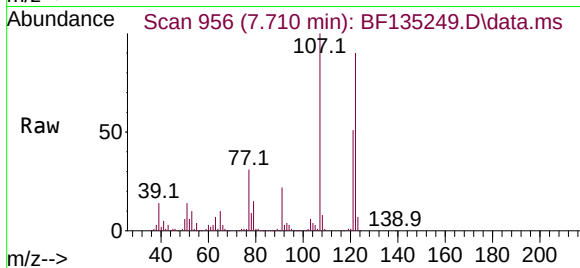
Lab File: BF135249.D

Acq: 14 Sep 2023 12:30

Instrument :

BNA_F

ClientSampleId :



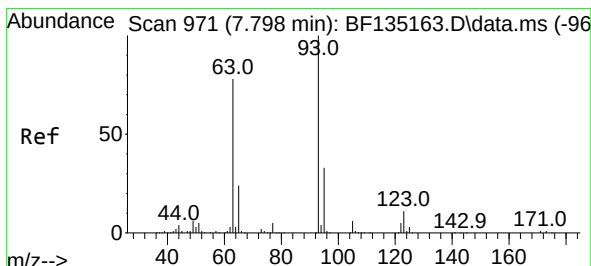
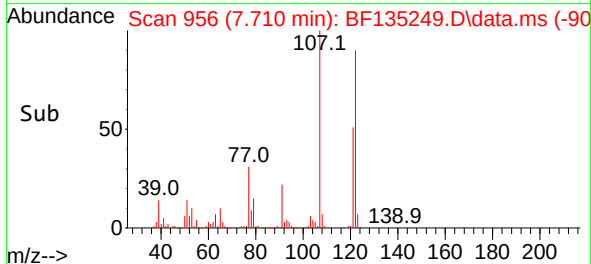
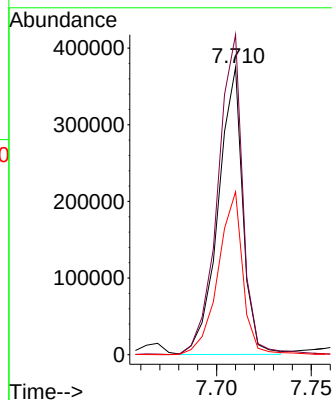
Tgt Ion:122 Resp: 338339

Ion Ratio Lower Upper

122 100

107 111.4 90.2 135.4

121 56.7 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 45.879 ng

RT: 7.804 min Scan# 972

Delta R.T. 0.006 min

Lab File: BF135249.D

Acq: 14 Sep 2023 12:30

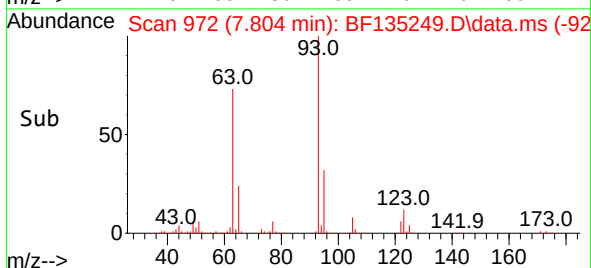
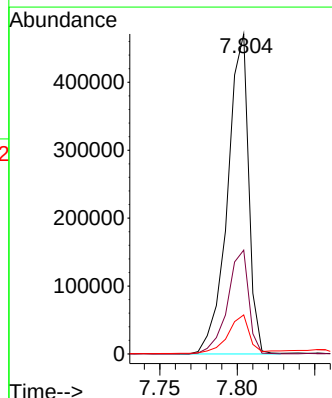
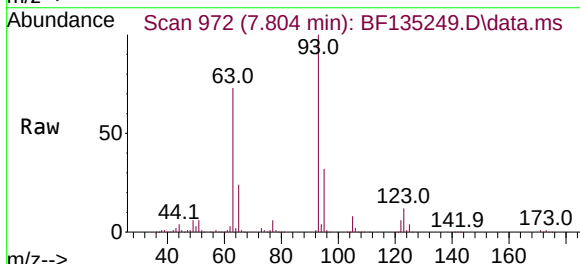
Tgt Ion: 93 Resp: 445138

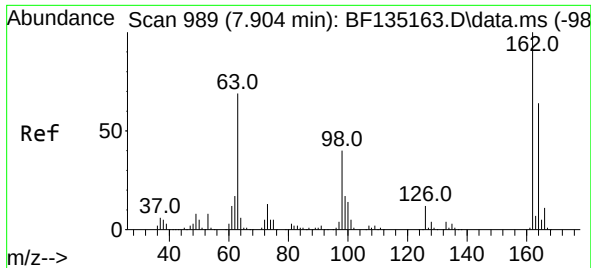
Ion Ratio Lower Upper

93 100

95 32.5 26.2 39.2

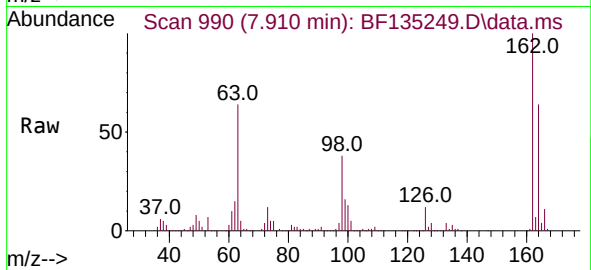
123 12.2 8.8 13.2



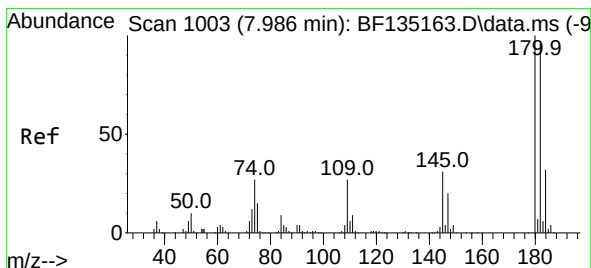
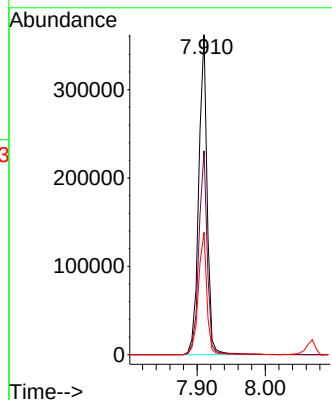
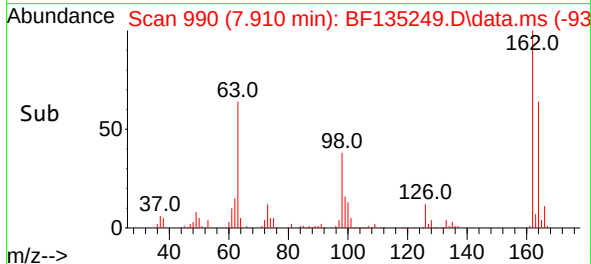


#29
2,4-Dichlorophenol
Concen: 47.640 ng
RT: 7.910 min Scan# 990
Delta R.T. 0.006 min
Lab File: BF135249.D
Acq: 14 Sep 2023 12:30

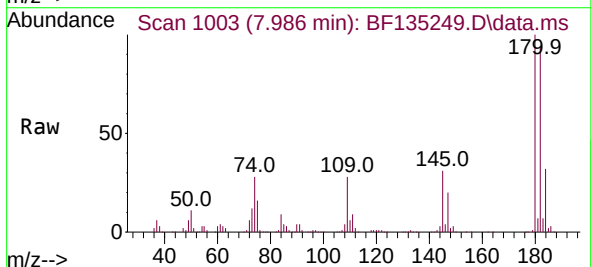
Instrument :
BNA_F
ClientSampleId :



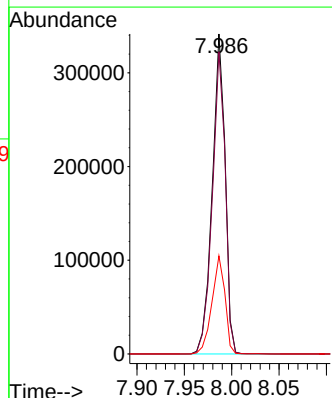
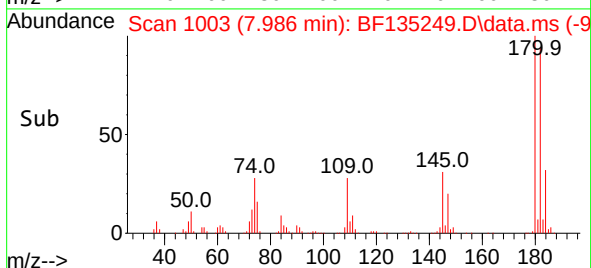
Tgt Ion:162 Resp: 310732
Ion Ratio Lower Upper
162 100
164 63.7 44.1 84.1
98 38.3 20.3 60.3

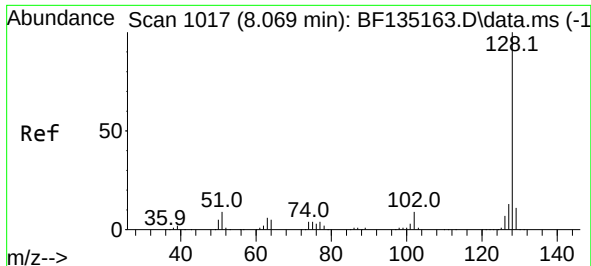


#30
1,2,4-Trichlorobenzene
Concen: 47.382 ng
RT: 7.986 min Scan# 1003
Delta R.T. 0.000 min
Lab File: BF135249.D
Acq: 14 Sep 2023 12:30



Tgt Ion:180 Resp: 323031
Ion Ratio Lower Upper
180 100
182 94.5 76.9 115.3
145 30.6 24.5 36.7

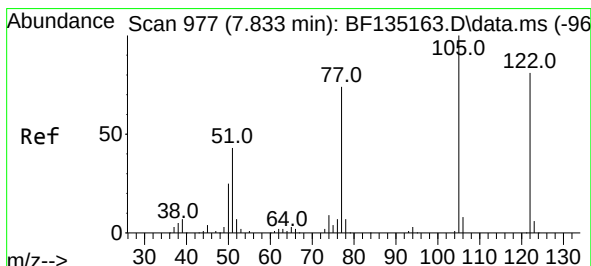
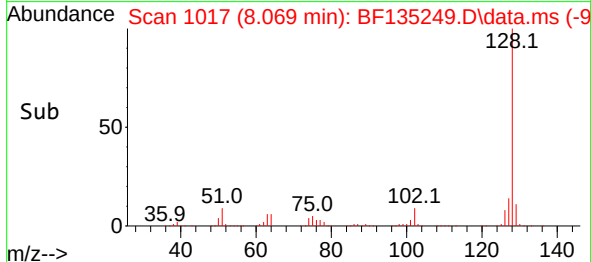
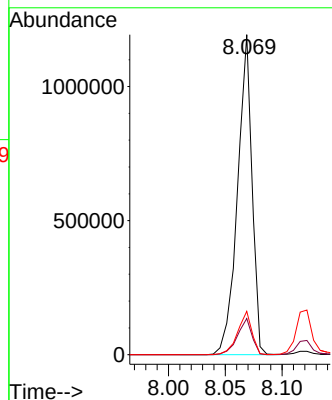
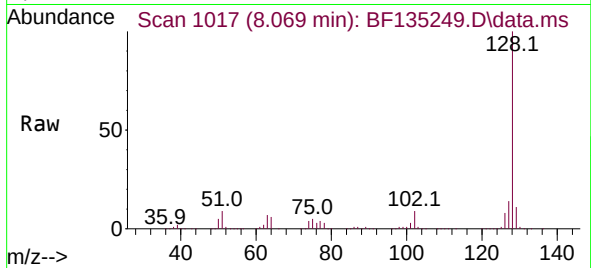




#31
Naphthalene
Concen: 45.405 ng
RT: 8.069 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF135249.D
Acq: 14 Sep 2023 12:30

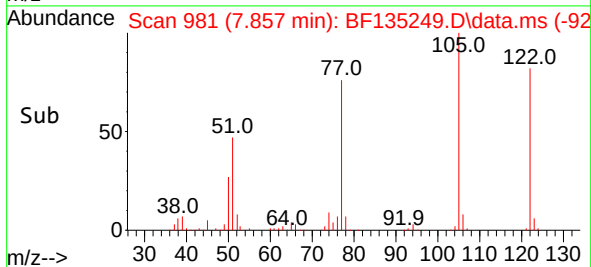
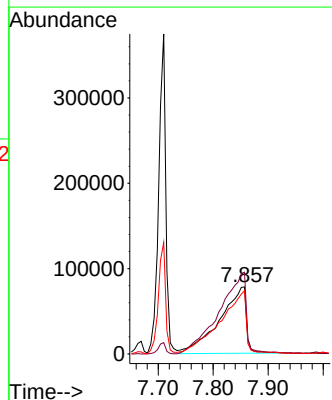
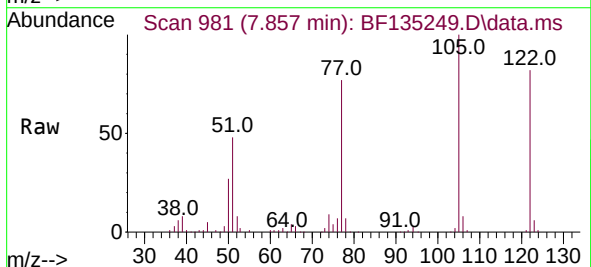
Instrument :
BNA_F
ClientSampleId :

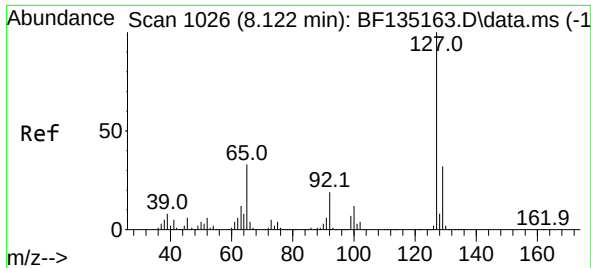
Tgt Ion:128 Resp: 1058073
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.6 10.7 16.1



#32
Benzoic acid
Concen: 49.702 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.024 min
Lab File: BF135249.D
Acq: 14 Sep 2023 12:30

Tgt Ion:122 Resp: 263445
Ion Ratio Lower Upper
122 100
105 121.9 99.9 139.9
77 94.4 70.0 110.0

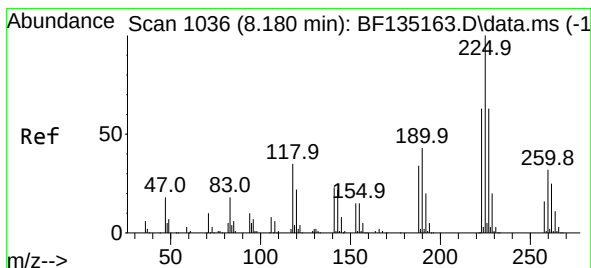
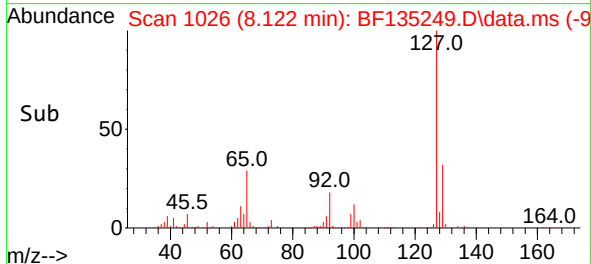
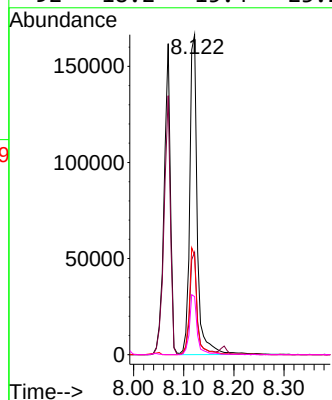
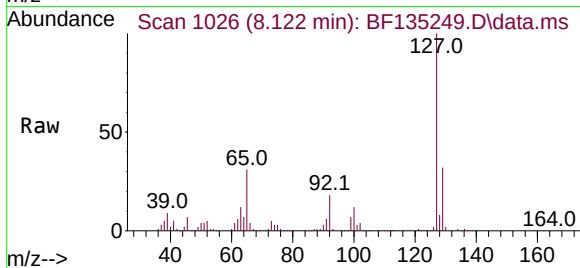




#33
4-Chloroaniline
Concen: 17.280 ng
RT: 8.122 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF135249.D
Acq: 14 Sep 2023 12:30

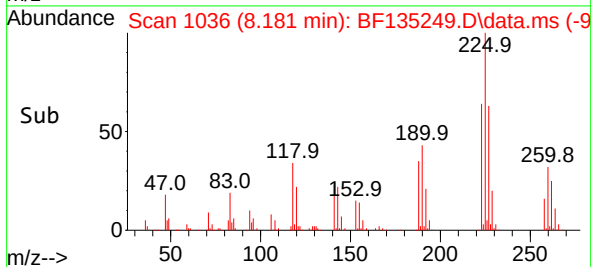
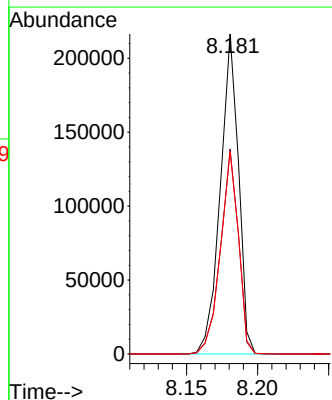
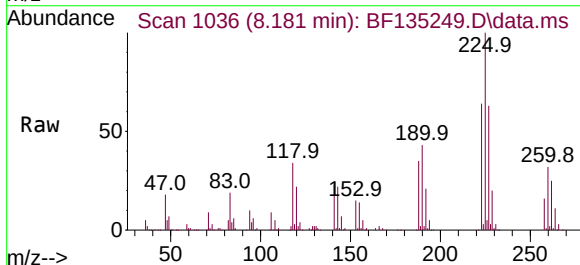
Instrument :
BNA_F
ClientSampleId :

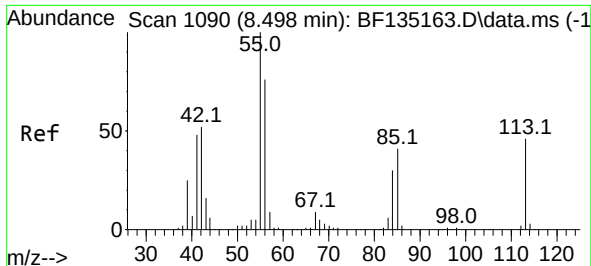
Tgt Ion:	127	Resp:	176666
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.8	38.8
65	30.9	26.6	39.8
92	18.2	15.4	23.2



#34
Hexachlorobutadiene
Concen: 46.752 ng
RT: 8.181 min Scan# 1036
Delta R.T. 0.000 min
Lab File: BF135249.D
Acq: 14 Sep 2023 12:30

Tgt Ion:	225	Resp:	192189
Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.6	75.8
227	63.2	50.8	76.2

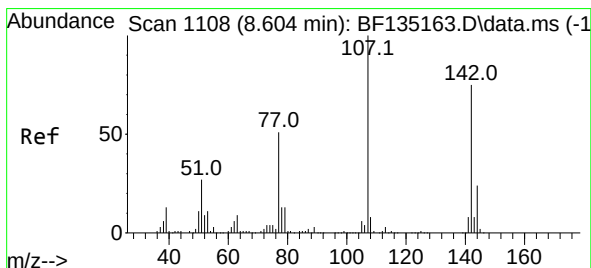
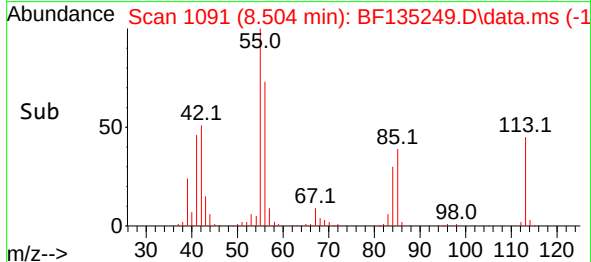
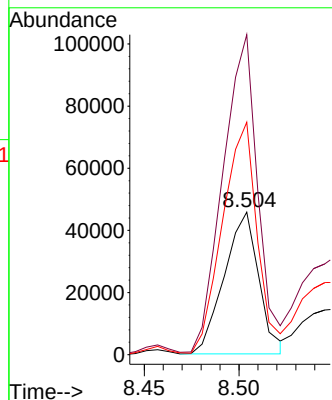
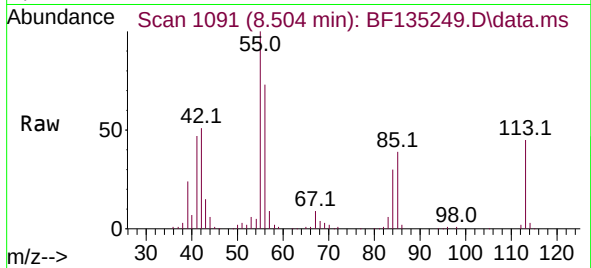




#35
Caprolactam
Concen: 26.400 ng
RT: 8.504 min Scan# 1109
Delta R.T. 0.006 min
Lab File: BF135249.D
Acq: 14 Sep 2023 12:30

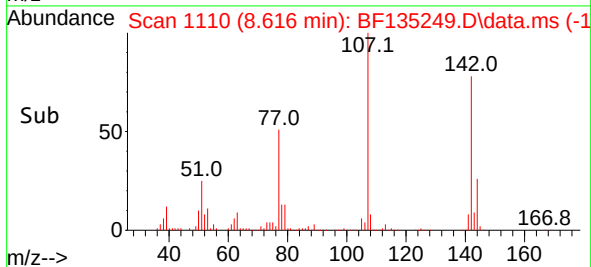
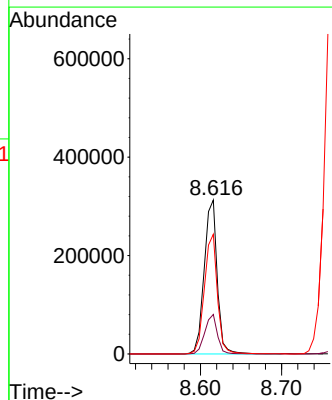
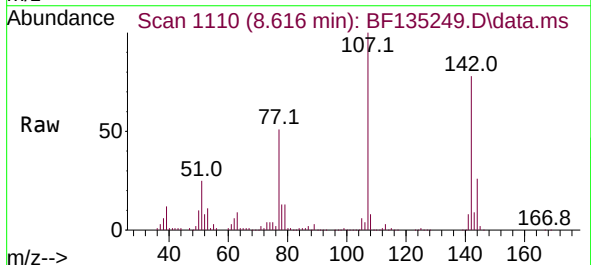
Instrument :
BNA_F
ClientSampleId :

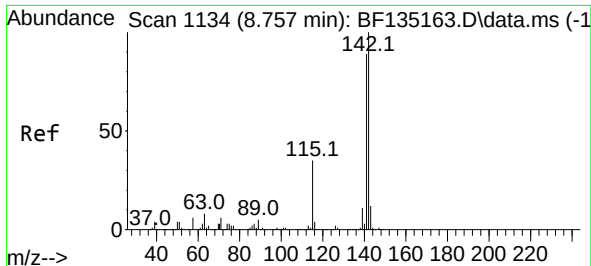
Tgt Ion:113 Resp: 57792
Ion Ratio Lower Upper
113 100
55 224.5 199.3 239.3
56 163.1 146.3 186.3



#36
4-Chloro-3-methylphenol
Concen: 47.994 ng
RT: 8.616 min Scan# 1110
Delta R.T. 0.012 min
Lab File: BF135249.D
Acq: 14 Sep 2023 12:30

Tgt Ion:107 Resp: 347925
Ion Ratio Lower Upper
107 100
144 25.7 19.0 28.4
142 77.7 60.2 90.2





#37

2-Methylnaphthalene

Concen: 43.782 ng

RT: 8.763 min Scan# 1134

Delta R.T. 0.006 min

Lab File: BF135249.D

Acq: 14 Sep 2023 12:30

Instrument :

BNA_F

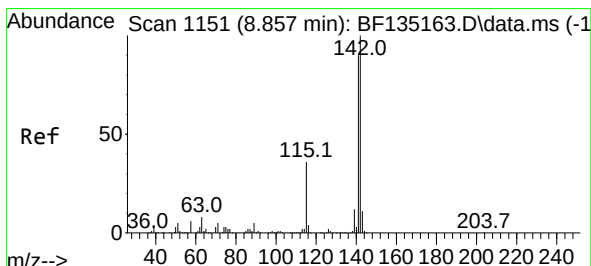
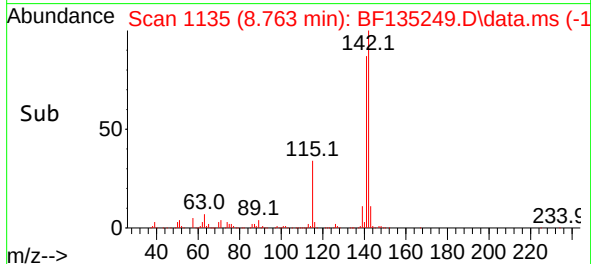
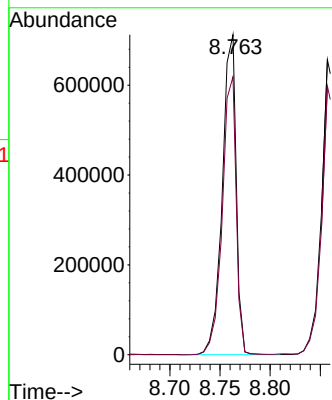
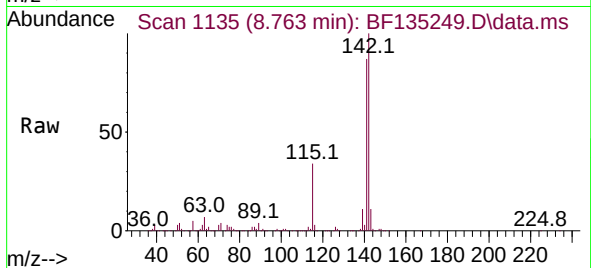
ClientSampleId :

Tgt Ion:142 Resp: 685800

Ion Ratio Lower Upper

142 100

141 86.8 71.0 106.6



#38

1-Methylnaphthalene

Concen: 43.363 ng

RT: 8.857 min Scan# 1151

Delta R.T. 0.000 min

Lab File: BF135249.D

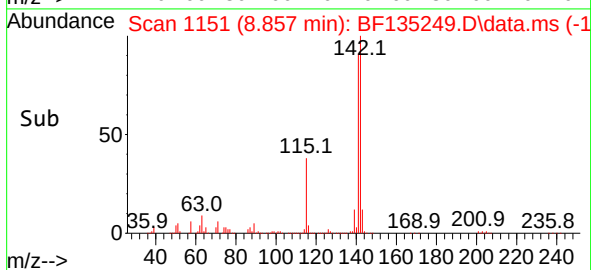
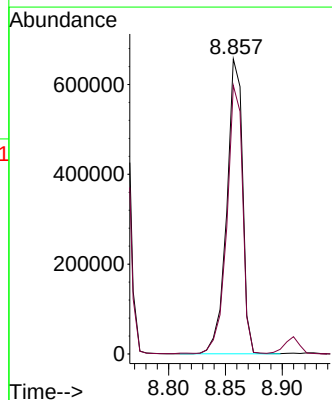
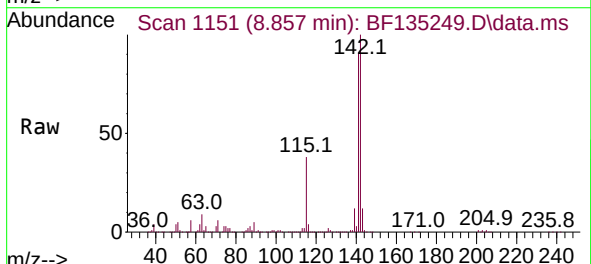
Acq: 14 Sep 2023 12:30

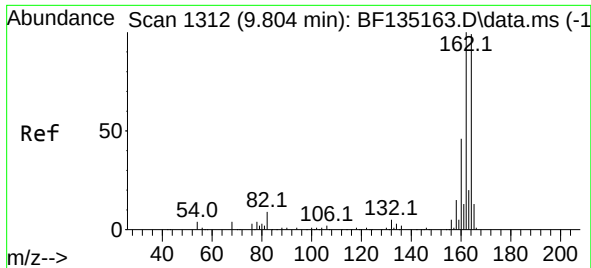
Tgt Ion:142 Resp: 635930

Ion Ratio Lower Upper

142 100

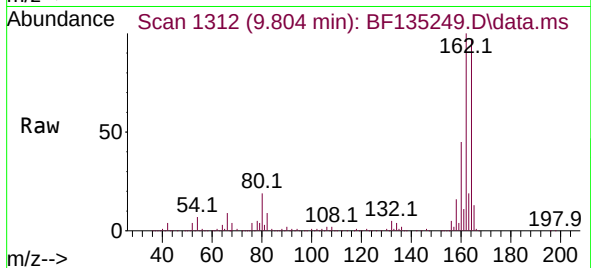
141 91.0 72.4 108.6



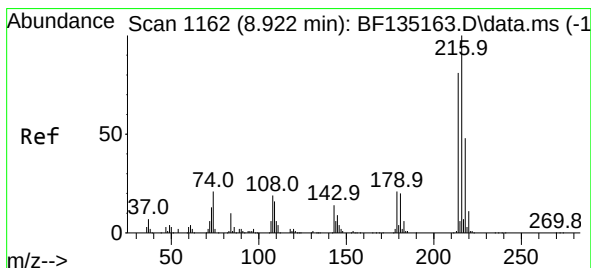
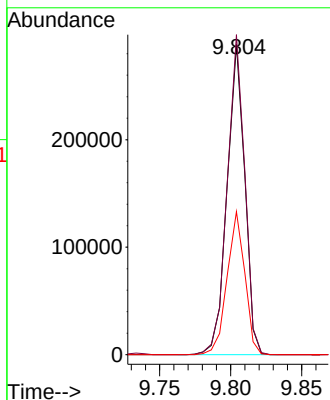
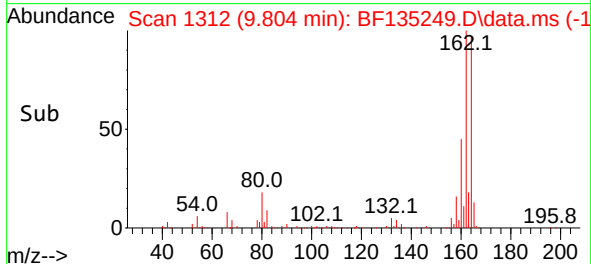


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.804 min Scan# 1163
 Delta R.T. 0.000 min
 Lab File: BF135249.D
 Acq: 14 Sep 2023 12:30

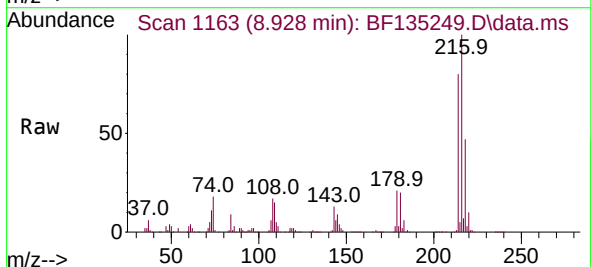
Instrument :
 BNA_F
 ClientSampleId :



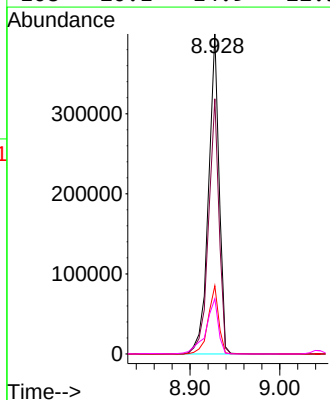
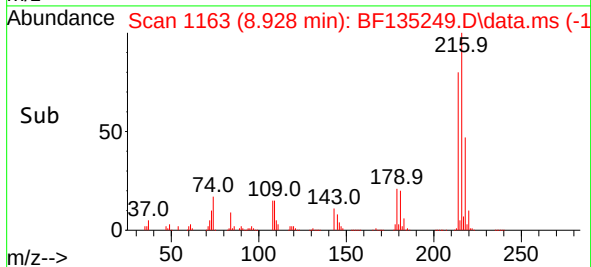
Tgt Ion:164 Resp: 249386
 Ion Ratio Lower Upper
 164 100
 162 103.1 81.0 121.4
 160 46.1 37.0 55.4

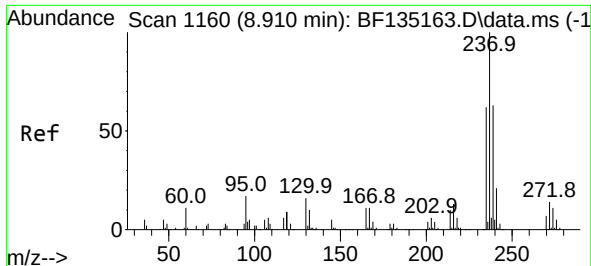


#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.493 ng
 RT: 8.928 min Scan# 1163
 Delta R.T. 0.006 min
 Lab File: BF135249.D
 Acq: 14 Sep 2023 12:30



Tgt Ion:216 Resp: 328685
 Ion Ratio Lower Upper
 216 100
 214 78.9 63.7 95.5
 179 20.9 16.7 25.1
 108 20.1 14.9 22.3

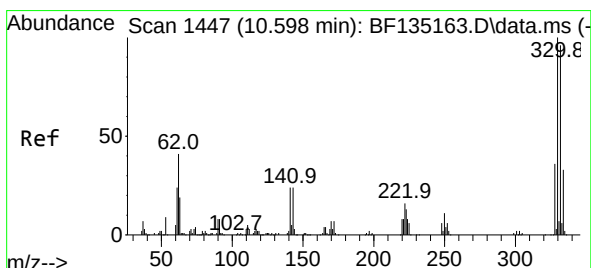
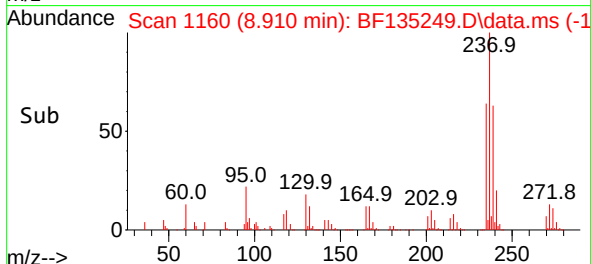
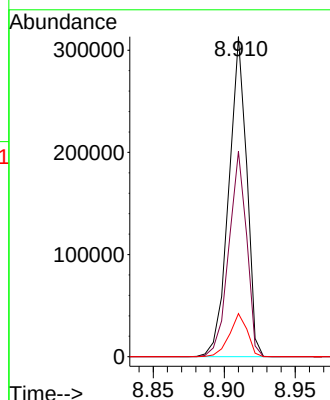
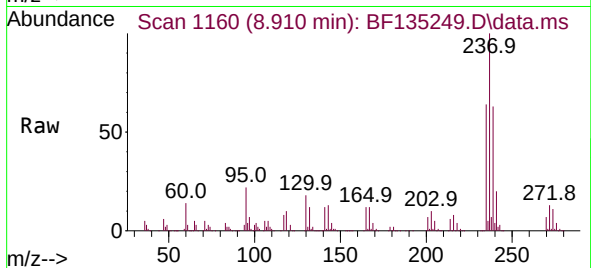




#41
Hexachlorocyclopentadiene
Concen: 85.866 ng
RT: 8.910 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BF135249.D
Acq: 14 Sep 2023 12:30

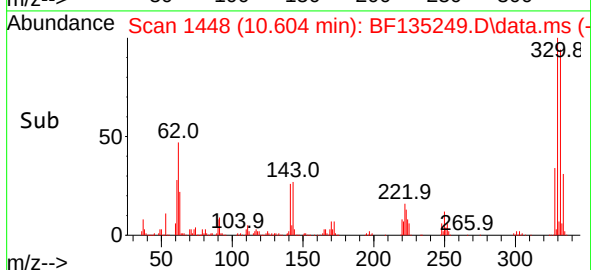
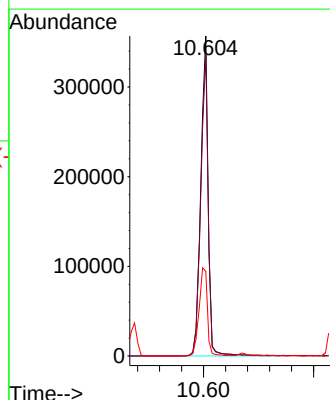
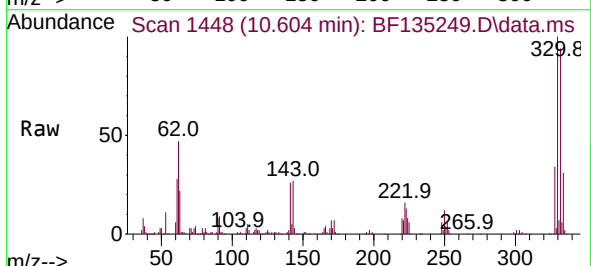
Instrument :
BNA_F
ClientSampleId :

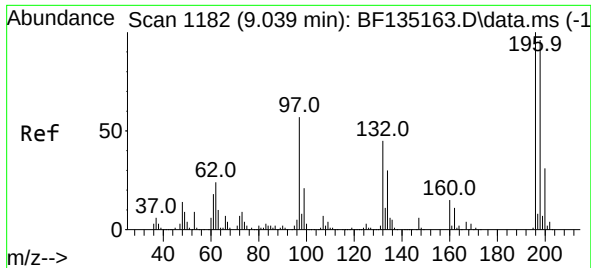
Tgt Ion:237 Resp: 275256
Ion Ratio Lower Upper
237 100
235 64.1 41.8 81.8
272 13.5 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 135.299 ng
RT: 10.604 min Scan# 1448
Delta R.T. 0.006 min
Lab File: BF135249.D
Acq: 14 Sep 2023 12:30

Tgt Ion:330 Resp: 335310
Ion Ratio Lower Upper
330 100
332 95.1 77.3 115.9
141 31.0 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 46.846 ng

RT: 9.045 min Scan# 1182

Delta R.T. 0.006 min

Lab File: BF135249.D

Acq: 14 Sep 2023 12:30

Instrument :

BNA_F

ClientSampleId :

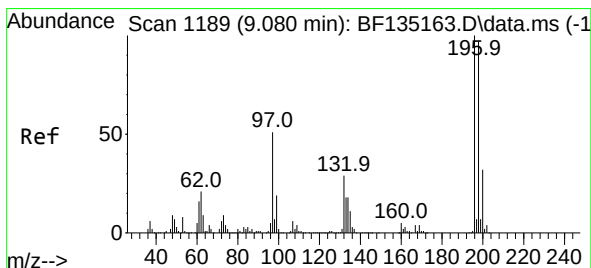
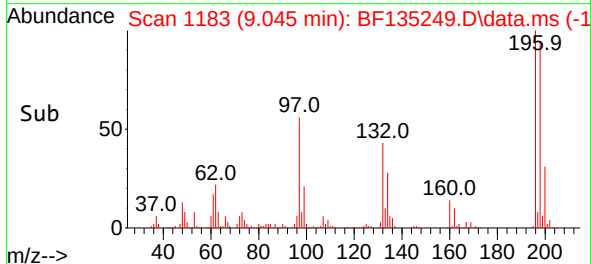
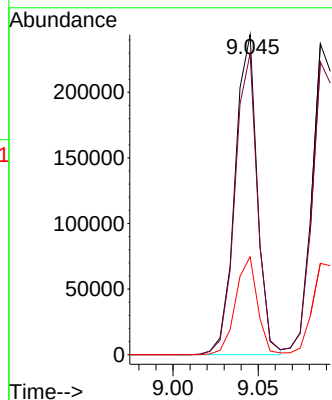
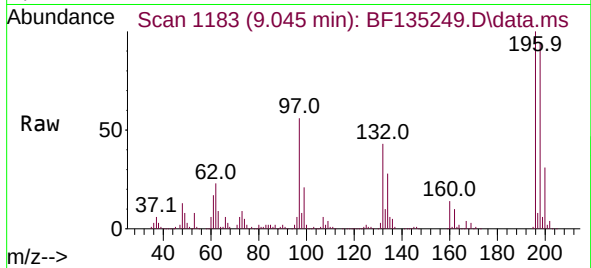
Tgt Ion:196 Resp: 221603

Ion Ratio Lower Upper

196 100

198 94.2 77.0 115.6

200 30.6 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 43.680 ng

RT: 9.086 min Scan# 1190

Delta R.T. 0.006 min

Lab File: BF135249.D

Acq: 14 Sep 2023 12:30

Tgt Ion:196 Resp: 237955

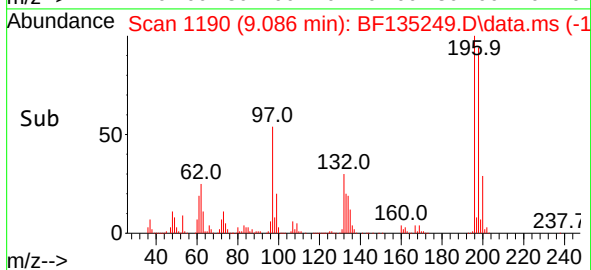
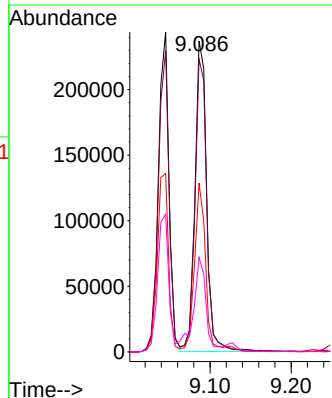
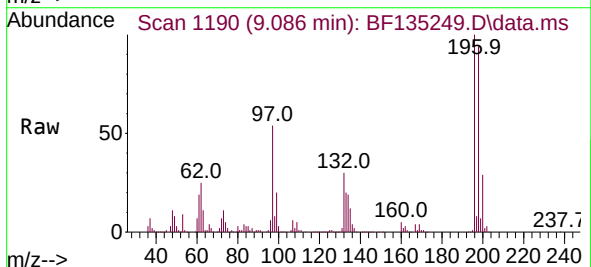
Ion Ratio Lower Upper

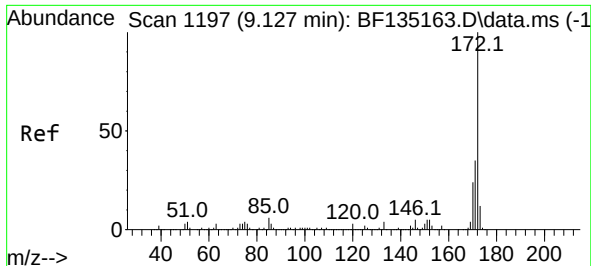
196 100

198 94.1 77.5 116.3

97 54.2 40.5 60.7

132 30.4 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 84.625 ng

RT: 9.128 min Scan# 1197

Delta R.T. 0.000 min

Lab File: BF135249.D

Acq: 14 Sep 2023 12:30

Instrument :

BNA_F

ClientSampleId :

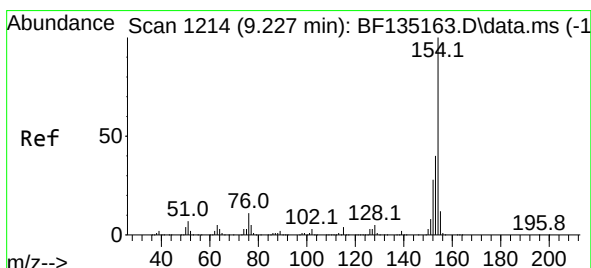
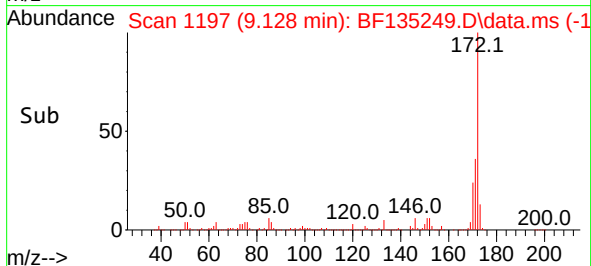
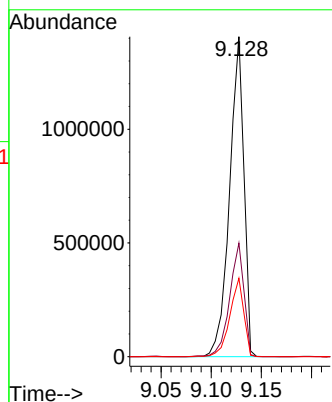
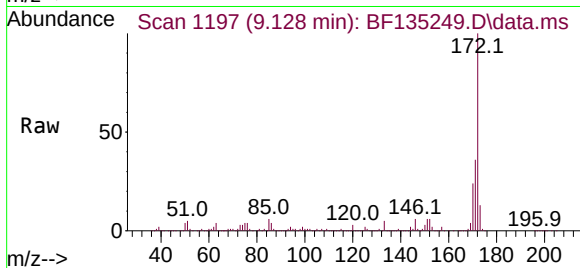
Tgt Ion:172 Resp: 1398812

Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 24.5 19.0 28.4



#46

1,1'-Biphenyl

Concen: 44.349 ng

RT: 9.228 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BF135249.D

Acq: 14 Sep 2023 12:30

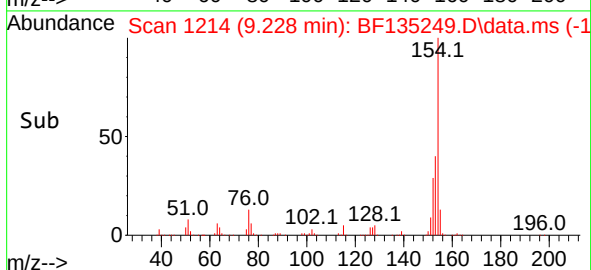
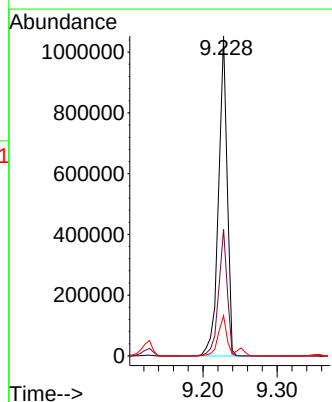
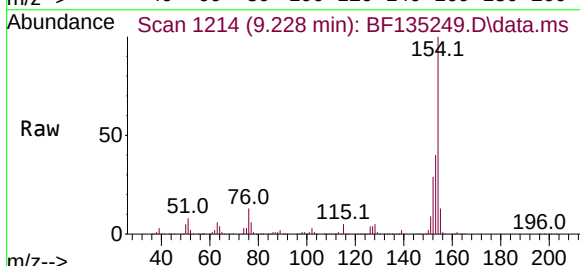
Tgt Ion:154 Resp: 849950

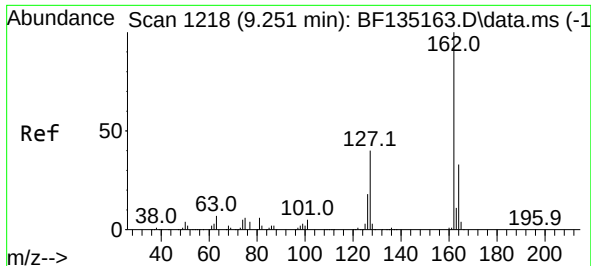
Ion Ratio Lower Upper

154 100

153 39.6 19.6 59.6

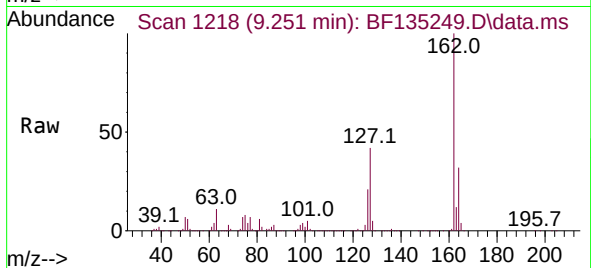
76 12.6 0.0 31.0



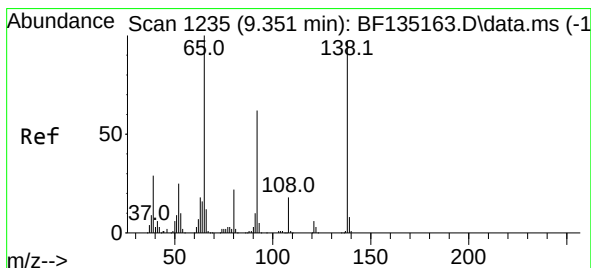
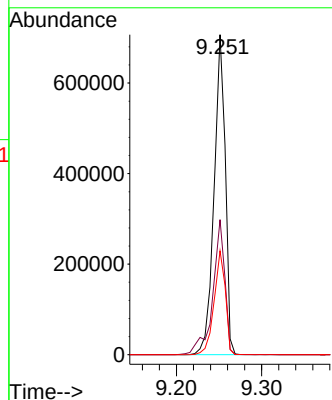
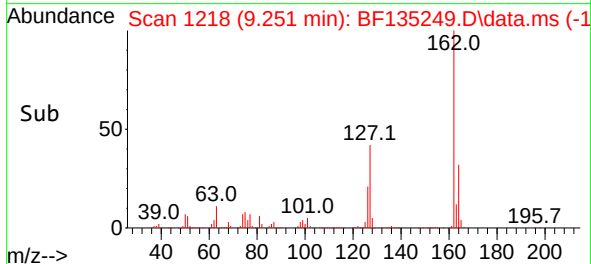


#47
2-Chloronaphthalene
Concen: 46.494 ng
RT: 9.251 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF135249.D
Acq: 14 Sep 2023 12:30

Instrument :
BNA_F
ClientSampleId :

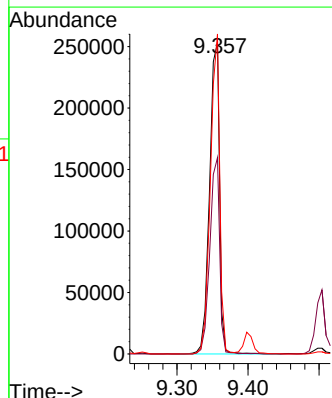
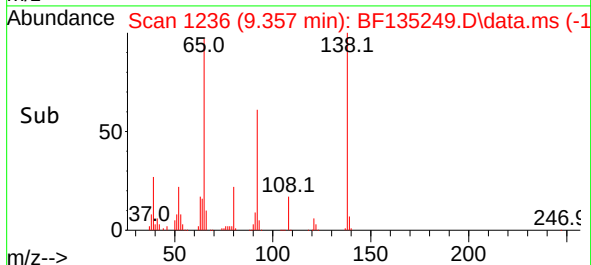
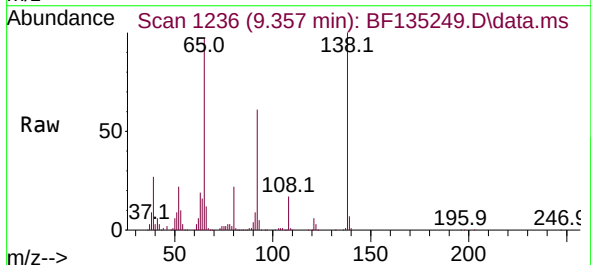


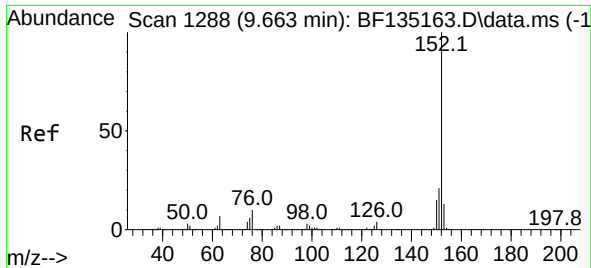
Tgt Ion:162 Resp: 646517
Ion Ratio Lower Upper
162 100
127 42.2 32.6 48.8
164 32.5 26.2 39.2



#48
2-Nitroaniline
Concen: 45.981 ng
RT: 9.357 min Scan# 1236
Delta R.T. 0.006 min
Lab File: BF135249.D
Acq: 14 Sep 2023 12:30

Tgt Ion: 65 Resp: 248397
Ion Ratio Lower Upper
65 100
92 63.0 49.4 74.0
138 102.7 77.4 116.0

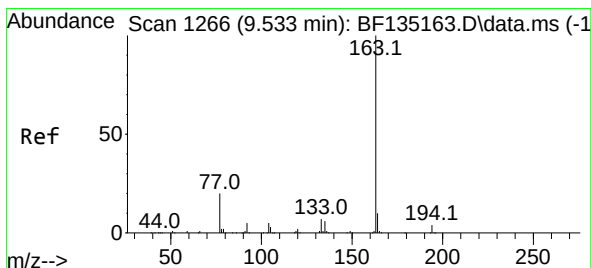
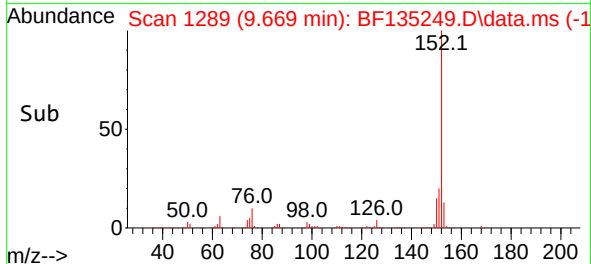
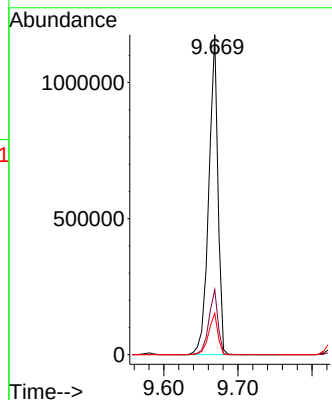
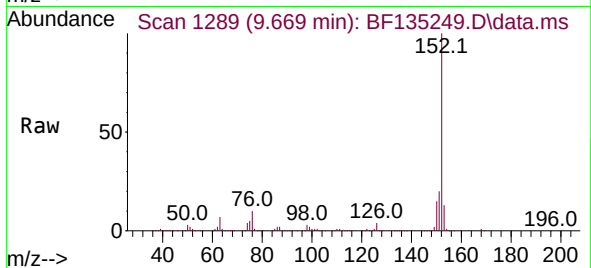




#49
Acenaphthylene
Concen: 43.680 ng
RT: 9.669 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135249.D
Acq: 14 Sep 2023 12:30

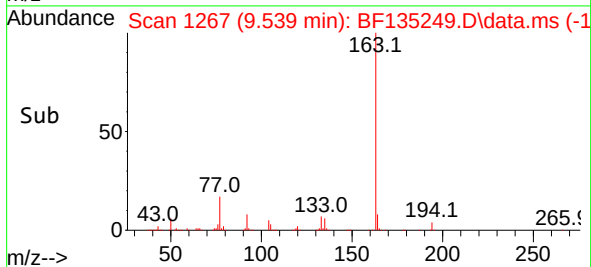
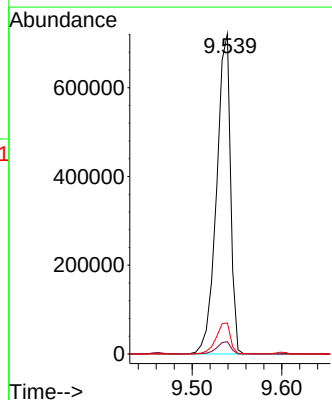
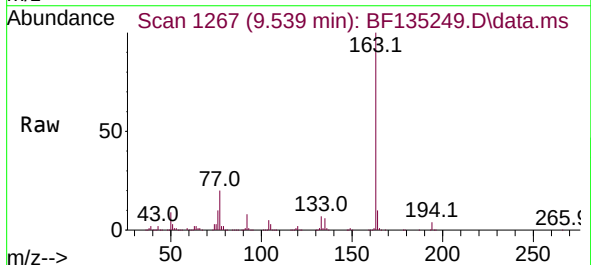
Instrument :
BNA_F
ClientSampleId :

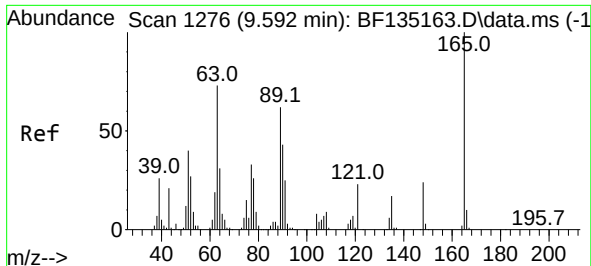
Tgt Ion:152 Resp: 1009424
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6
153 12.9 10.4 15.6



#50
Dimethylphthalate
Concen: 46.170 ng
RT: 9.539 min Scan# 1267
Delta R.T. 0.006 min
Lab File: BF135249.D
Acq: 14 Sep 2023 12:30

Tgt Ion:163 Resp: 778474
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 9.7 8.1 12.1

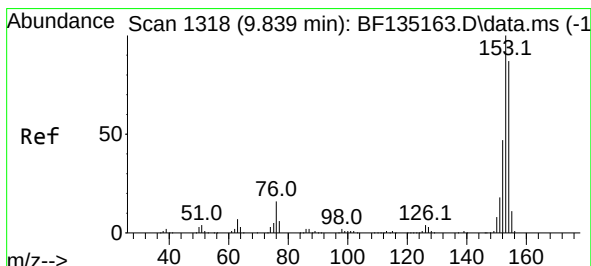
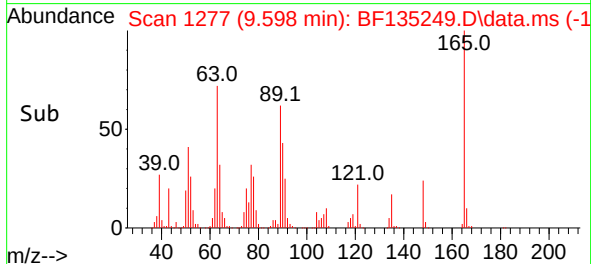
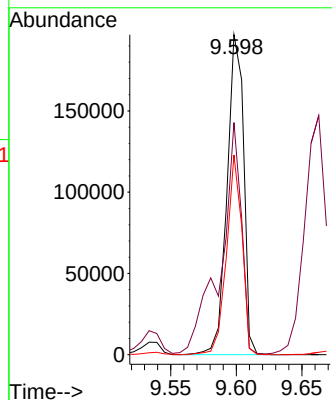
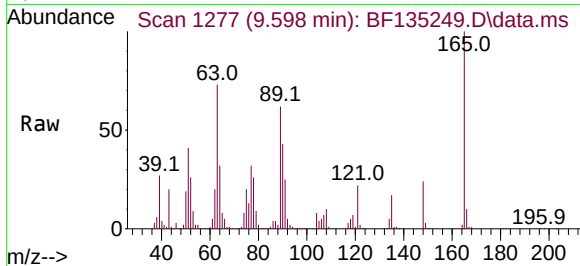




#51
2,6-Dinitrotoluene
Concen: 46.901 ng
RT: 9.598 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135249.D
Acq: 14 Sep 2023 12:30

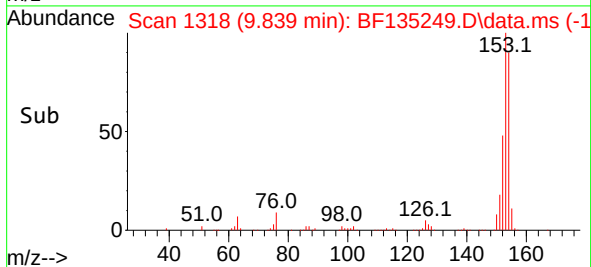
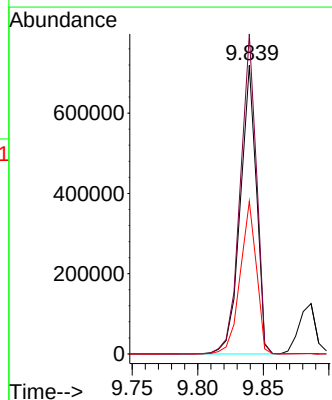
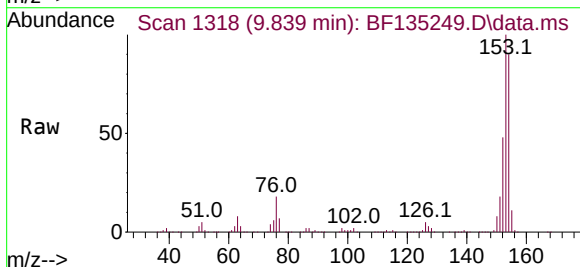
Instrument :
BNA_F
ClientSampleId :

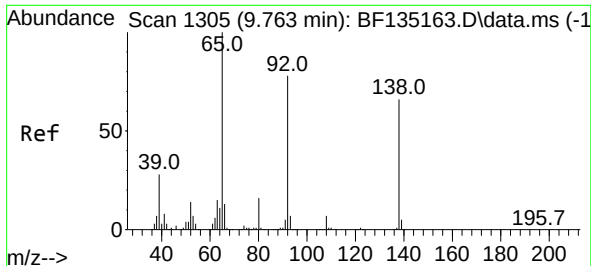
Tgt Ion:165 Resp: 173239
Ion Ratio Lower Upper
165 100
63 72.5 59.4 89.2
89 62.4 49.8 74.8



#52
Acenaphthene
Concen: 45.246 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BF135249.D
Acq: 14 Sep 2023 12:30

Tgt Ion:154 Resp: 617687
Ion Ratio Lower Upper
154 100
153 110.9 92.1 138.1
152 52.9 43.1 64.7

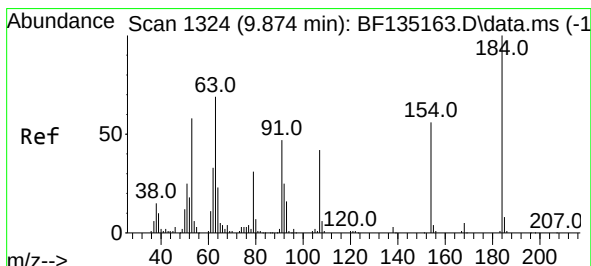
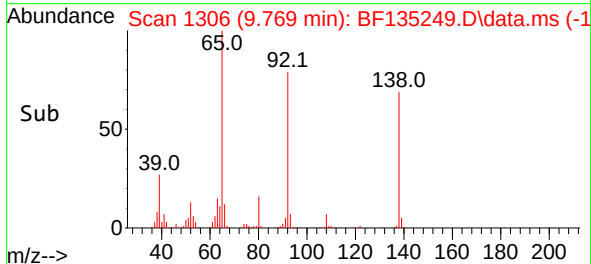
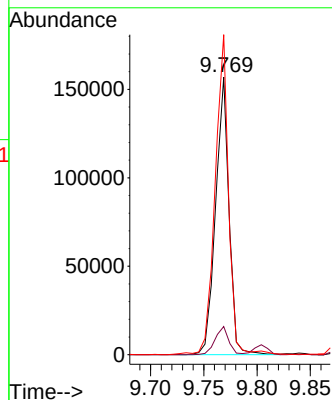
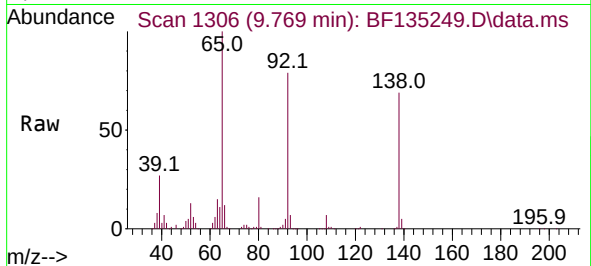




#53
3-Nitroaniline
Concen: 31.826 ng
RT: 9.769 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135249.D
Acq: 14 Sep 2023 12:30

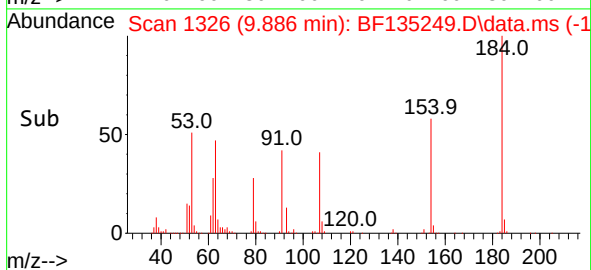
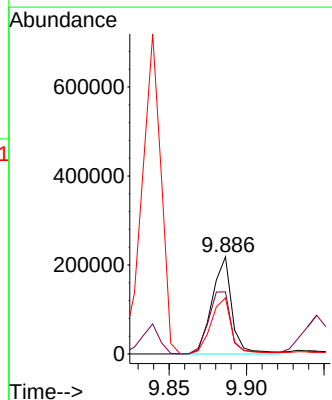
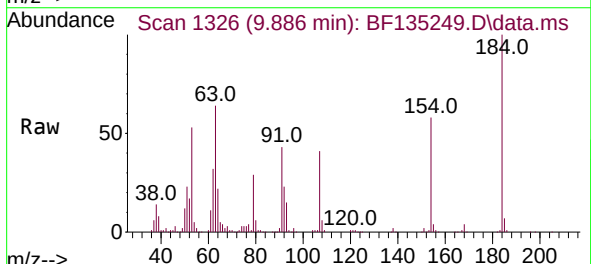
Instrument :
BNA_F
ClientSampleId :

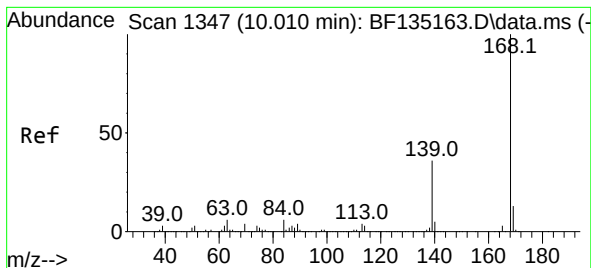
Tgt Ion:138 Resp: 137989
Ion Ratio Lower Upper
138 100
108 10.1 8.5 12.7
92 115.2 95.4 143.0



#54
2,4-Dinitrophenol
Concen: 92.009 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.012 min
Lab File: BF135249.D
Acq: 14 Sep 2023 12:30

Tgt Ion:184 Resp: 195065
Ion Ratio Lower Upper
184 100
63 63.9 55.1 82.7
154 57.6 48.4 72.6





#55

Dibenzenofuran

Concen: 42.779 ng

RT: 10.016 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF135249.D

Acq: 14 Sep 2023 12:30

Instrument :

BNA_F

ClientSampleId :

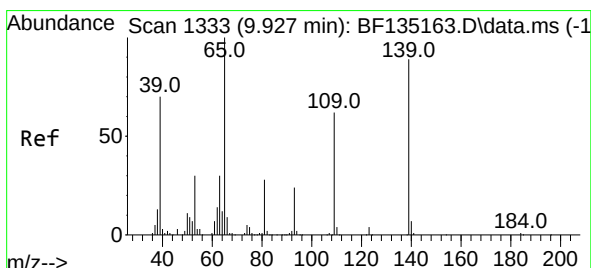
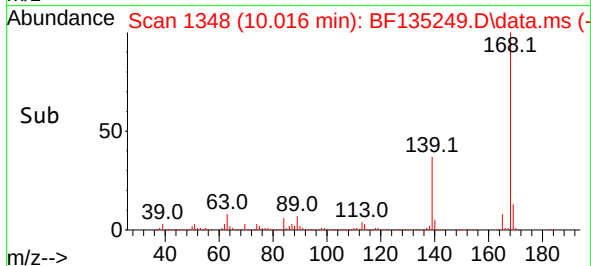
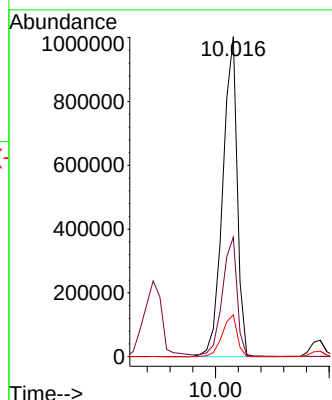
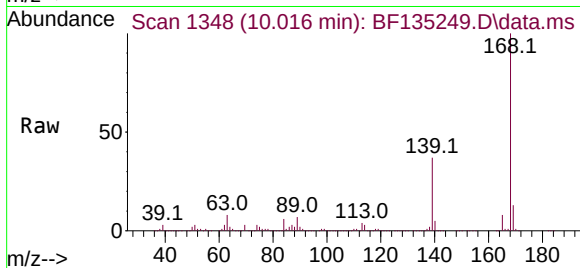
Tgt Ion:168 Resp: 891187

Ion Ratio Lower Upper

168 100

139 37.4 29.0 43.6

169 13.1 10.4 15.6



#56

4-Nitrophenol

Concen: 95.348 ng

RT: 9.945 min Scan# 1336

Delta R.T. 0.018 min

Lab File: BF135249.D

Acq: 14 Sep 2023 12:30

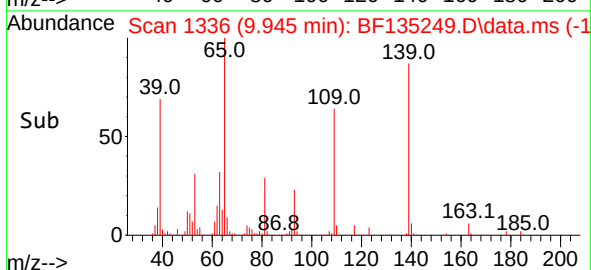
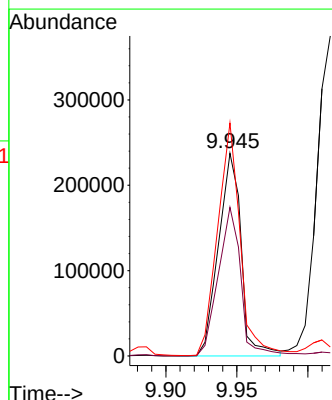
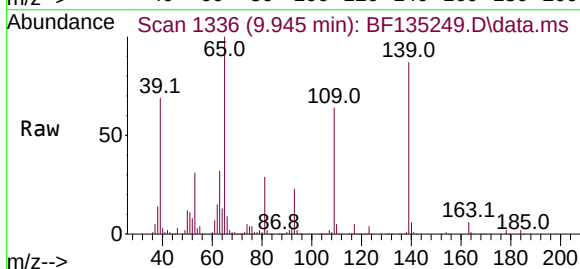
Tgt Ion:139 Resp: 262742

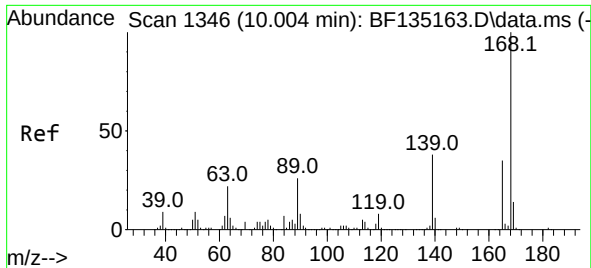
Ion Ratio Lower Upper

139 100

109 73.3 49.8 89.8

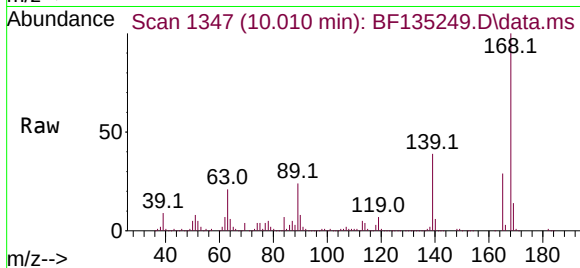
65 114.9 92.7 132.7



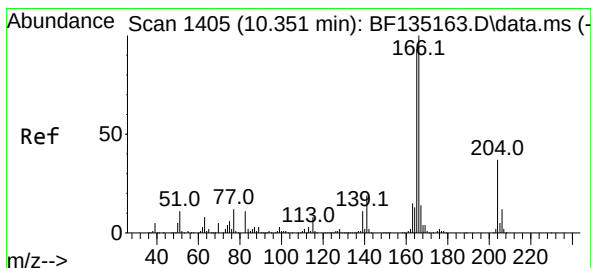
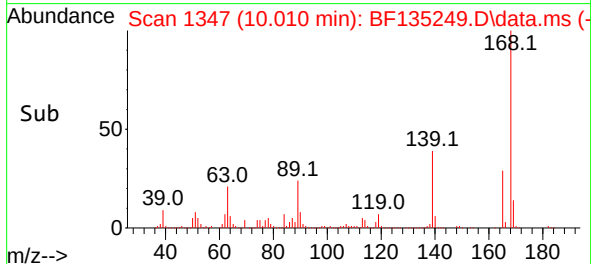
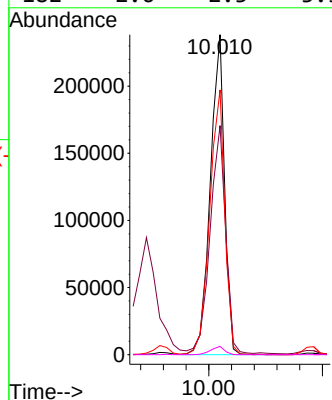


#57
2,4-Dinitrotoluene
Concen: 44.701 ng
RT: 10.010 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135249.D
Acq: 14 Sep 2023 12:30

Instrument :
BNA_F
ClientSampleId :

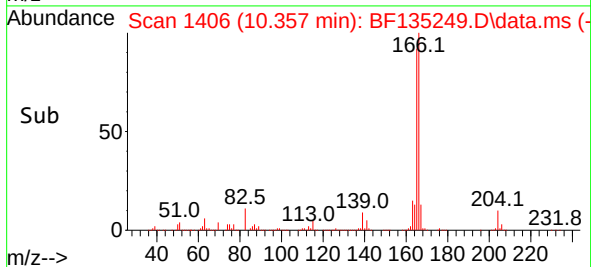
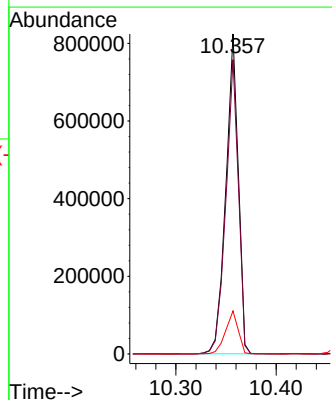
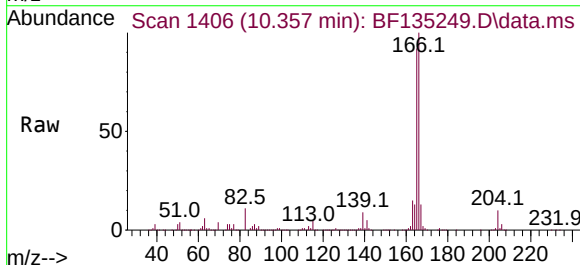


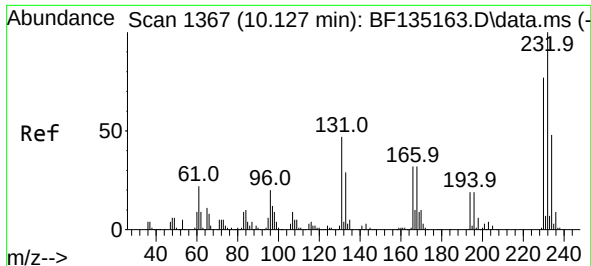
Tgt Ion:165 Resp: 206704
Ion Ratio Lower Upper
165 100
63 71.6 50.1 75.1
89 82.8 59.3 88.9
182 2.6 2.3 3.5



#58
Fluorene
Concen: 44.363 ng
RT: 10.357 min Scan# 1406
Delta R.T. 0.006 min
Lab File: BF135249.D
Acq: 14 Sep 2023 12:30

Tgt Ion:166 Resp: 710488
Ion Ratio Lower Upper
166 100
165 92.0 74.3 111.5
167 13.4 10.9 16.3

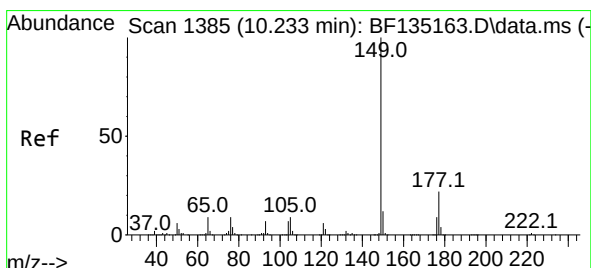
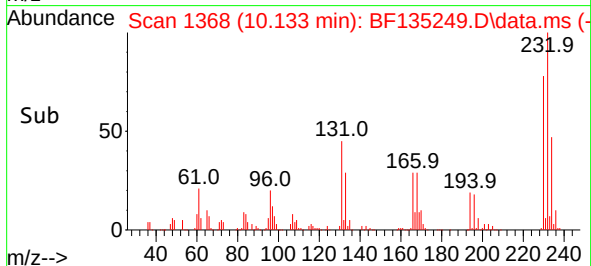
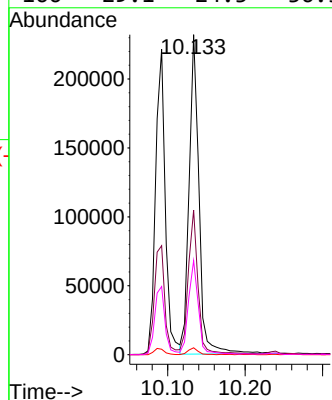
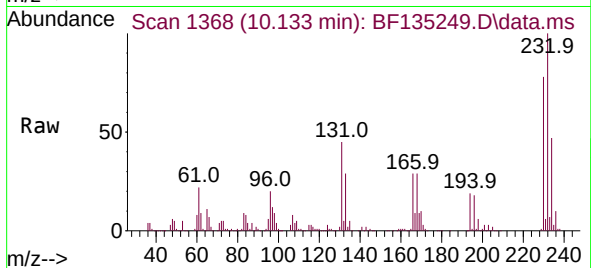




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.041 ng
RT: 10.133 min Scan# 1368
Delta R.T. 0.006 min
Lab File: BF135249.D
Acq: 14 Sep 2023 12:30

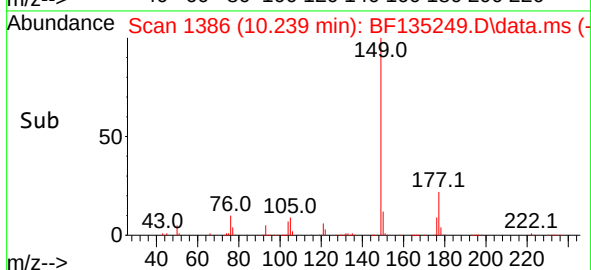
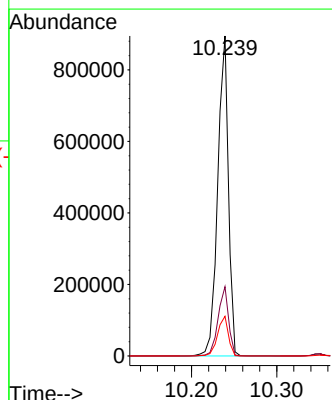
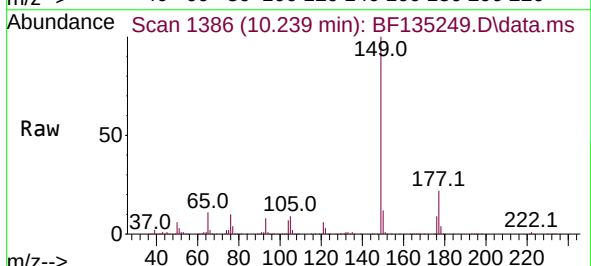
Instrument :
BNA_F
ClientSampleId :

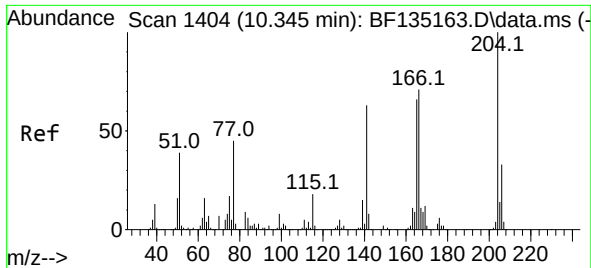
Tgt Ion:232 Resp: 205511
Ion Ratio Lower Upper
232 100
131 44.5 35.4 53.2
130 2.2 1.8 2.8
166 29.1 24.3 36.5



#60
Diethylphthalate
Concen: 46.007 ng
RT: 10.239 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF135249.D
Acq: 14 Sep 2023 12:30

Tgt Ion:149 Resp: 778504
Ion Ratio Lower Upper
149 100
177 21.7 17.8 26.6
150 12.4 10.0 15.0

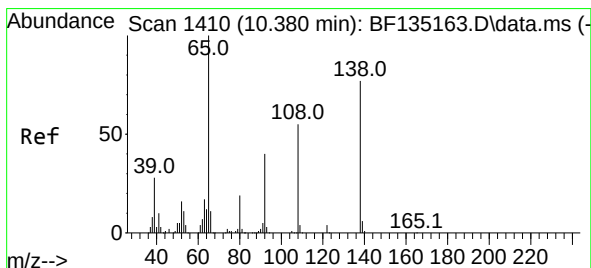
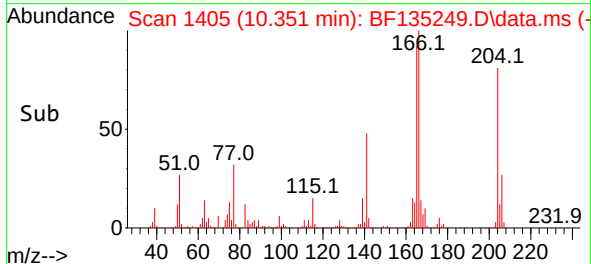
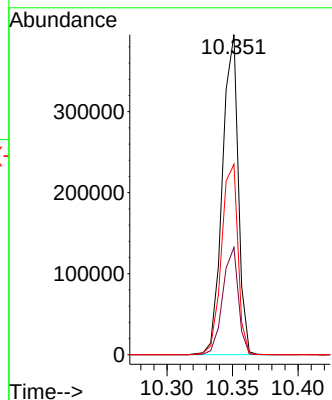
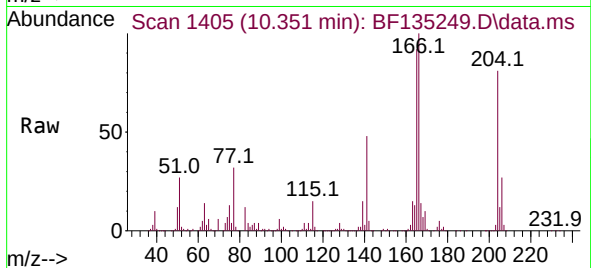




#61
4-Chlorophenyl-phenylether
Concen: 43.079 ng
RT: 10.351 min Scan# 1404
Delta R.T. 0.006 min
Lab File: BF135249.D
Acq: 14 Sep 2023 12:30

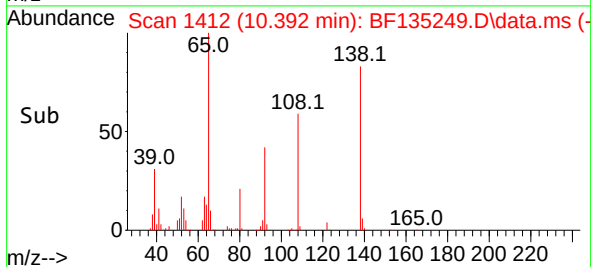
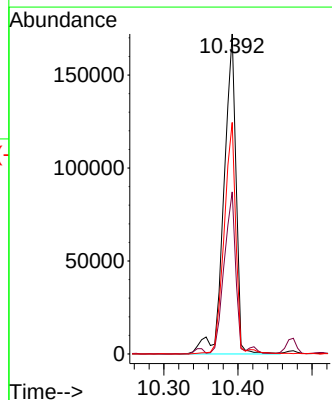
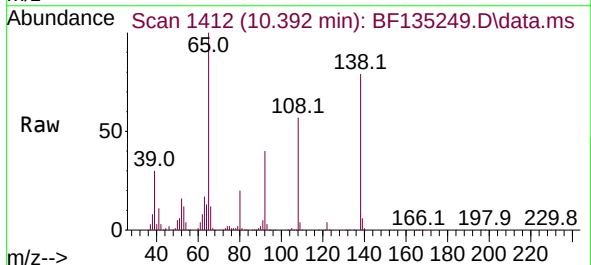
Instrument :
BNA_F
ClientSampleId :

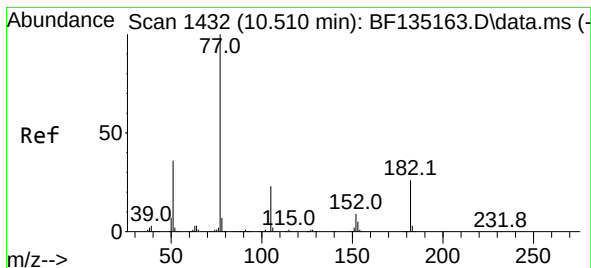
Tgt Ion:204 Resp: 331412
Ion Ratio Lower Upper
204 100
206 33.5 26.7 40.1
141 59.4 50.6 75.8



#62
4-Nitroaniline
Concen: 47.182 ng
RT: 10.392 min Scan# 1412
Delta R.T. 0.012 min
Lab File: BF135249.D
Acq: 14 Sep 2023 12:30

Tgt Ion:138 Resp: 196644
Ion Ratio Lower Upper
138 100
92 50.6 31.8 71.8
108 72.4 52.0 92.0





#63

Azobenzene

Concen: 45.479 ng

RT: 10.510 min Scan# 1432

Delta R.T. 0.000 min

Lab File: BF135249.D

Acq: 14 Sep 2023 12:30

Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 77 Resp: 753185

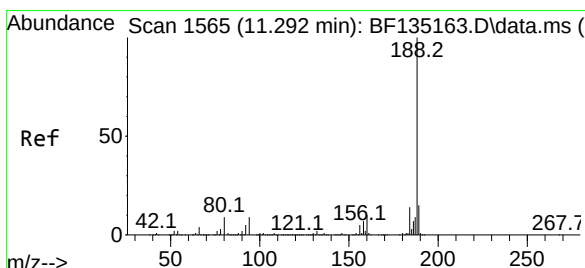
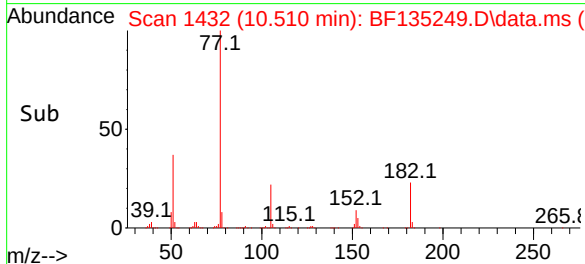
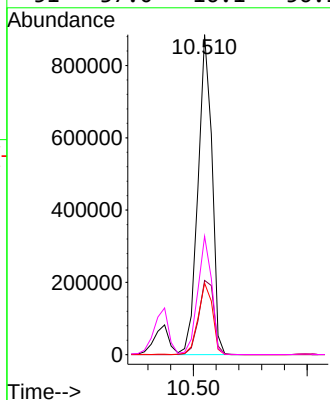
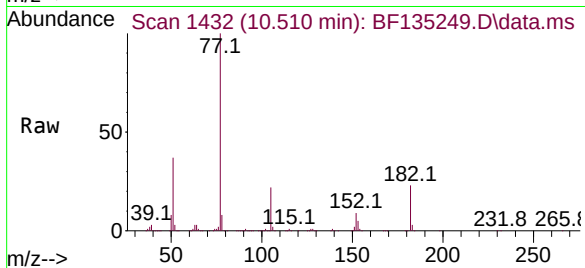
Ion Ratio Lower Upper

77 100

182 23.2 6.4 46.4

105 22.4 3.1 43.1

51 37.0 16.1 56.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.298 min Scan# 1566

Delta R.T. 0.006 min

Lab File: BF135249.D

Acq: 14 Sep 2023 12:30

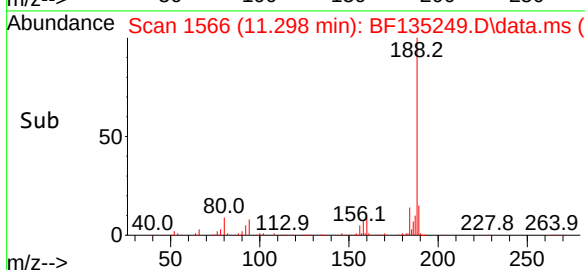
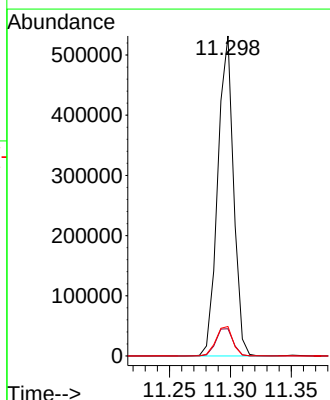
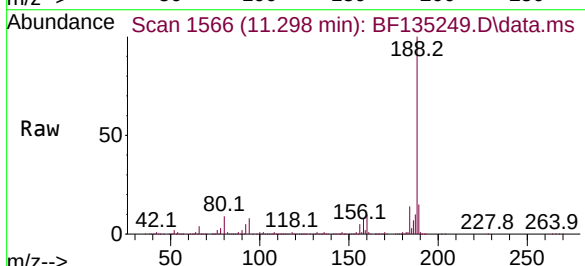
Tgt Ion: 188 Resp: 481441

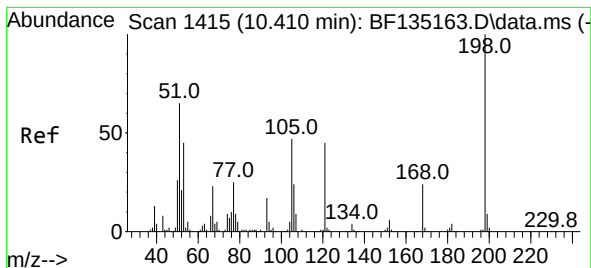
Ion Ratio Lower Upper

188 100

94 8.5 7.0 10.6

80 9.2 7.5 11.3

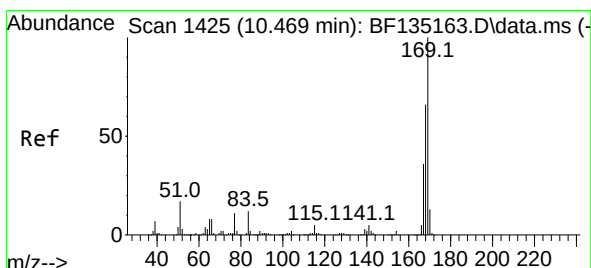
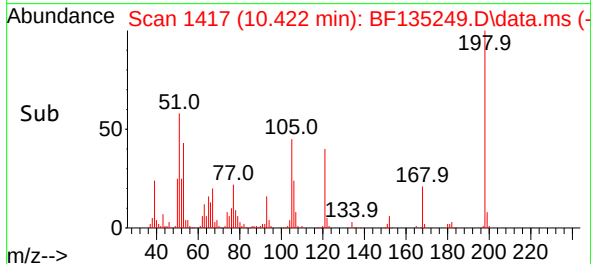
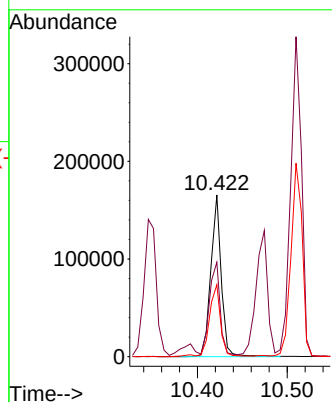
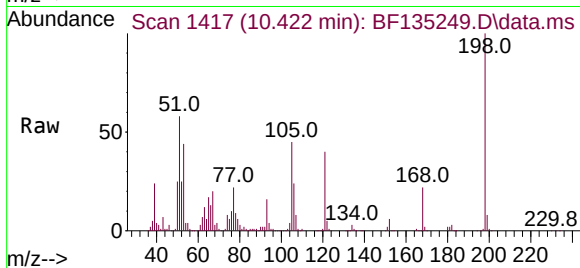




#65
4,6-Dinitro-2-methylphenol
Concen: 52.271 ng
RT: 10.422 min Scan# 1415
Delta R.T. 0.012 min
Lab File: BF135249.D
Acq: 14 Sep 2023 12:30

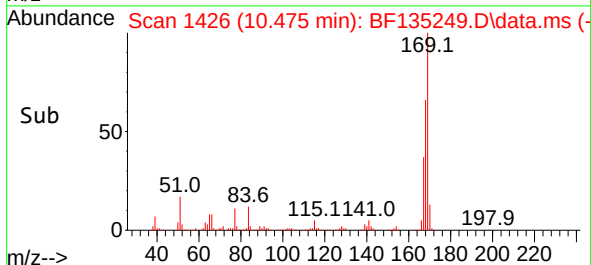
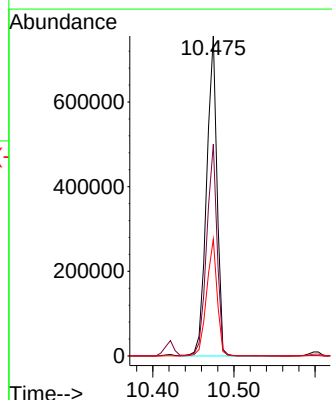
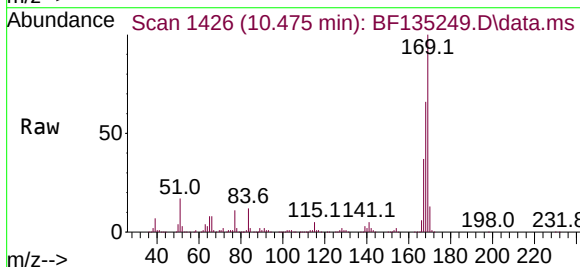
Instrument :
BNA_F
ClientSampleId :

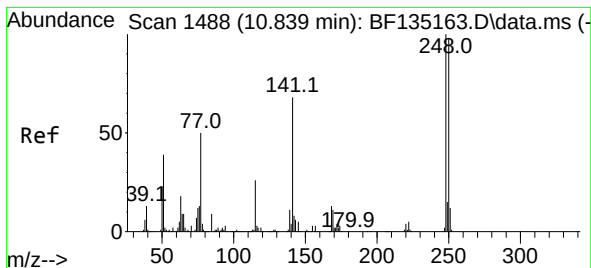
Tgt Ion:198 Resp: 133662
Ion Ratio Lower Upper
198 100
51 58.3 47.7 87.7
105 44.5 27.4 67.4



#66
n-Nitrosodiphenylamine
Concen: 45.979 ng
RT: 10.475 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF135249.D
Acq: 14 Sep 2023 12:30

Tgt Ion:169 Resp: 670167
Ion Ratio Lower Upper
169 100
168 66.2 52.8 79.2
167 36.5 29.0 43.6

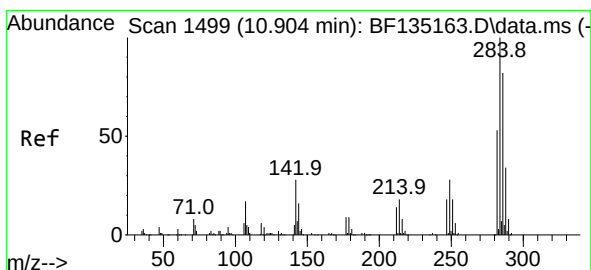
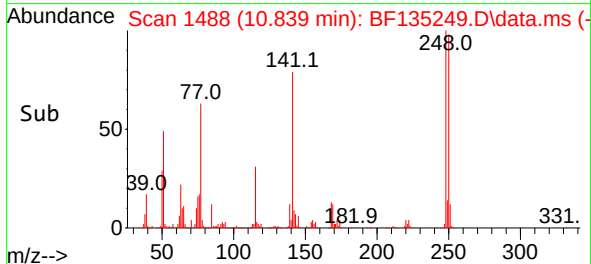
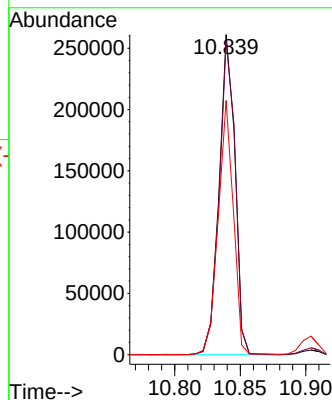
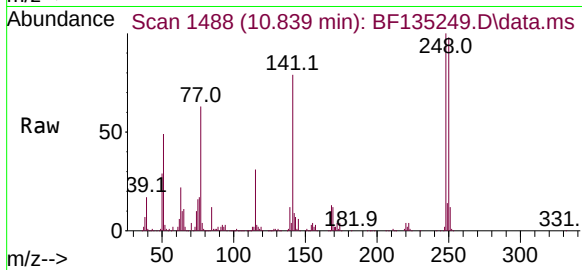




#67
4-Bromophenyl-phenylether
Concen: 45.807 ng
RT: 10.839 min Scan# 1488
Delta R.T. 0.000 min
Lab File: BF135249.D
Acq: 14 Sep 2023 12:30

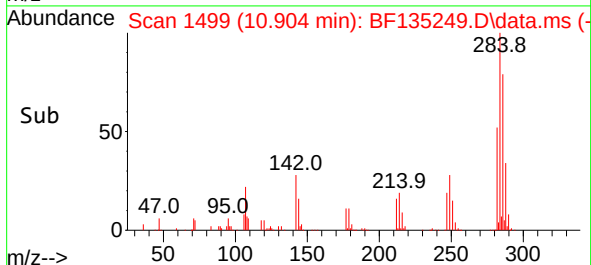
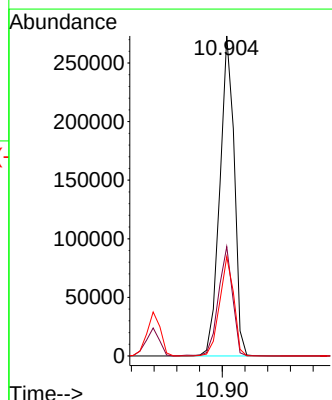
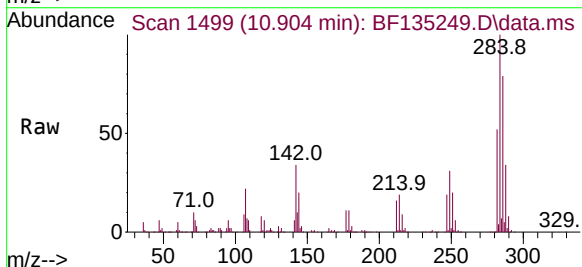
Instrument :
BNA_F
ClientSampleId :

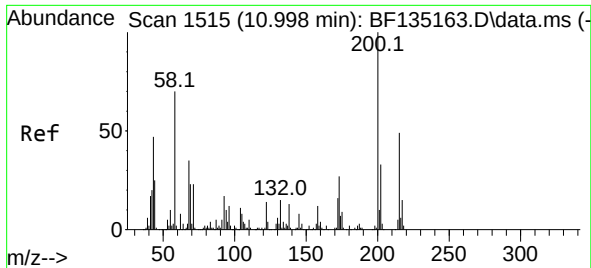
Tgt Ion:248 Resp: 219335
Ion Ratio Lower Upper
248 100
250 97.8 78.6 117.8
141 79.4 54.2 81.2



#68
Hexachlorobenzene
Concen: 49.405 ng
RT: 10.904 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF135249.D
Acq: 14 Sep 2023 12:30

Tgt Ion:284 Resp: 241007
Ion Ratio Lower Upper
284 100
142 34.2 22.2 33.4#
249 31.0 22.5 33.7





#69

Atrazine

Concen: 56.751 ng

RT: 11.010 min Scan# 1517

Delta R.T. 0.012 min

Lab File: BF135249.D

Acq: 14 Sep 2023 12:30

Instrument :

BNA_F

ClientSampleId :

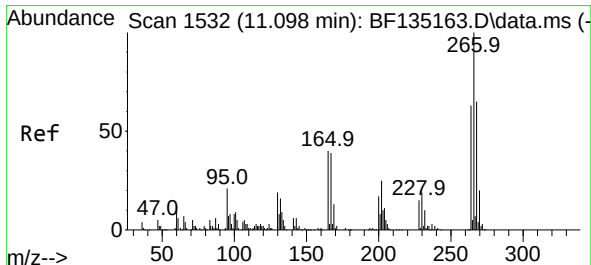
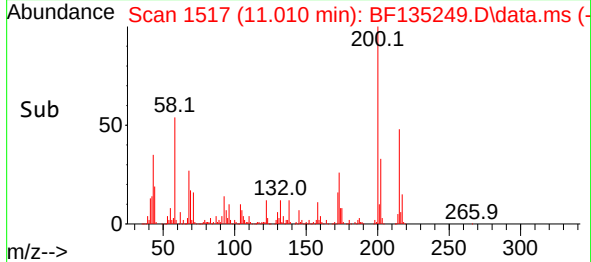
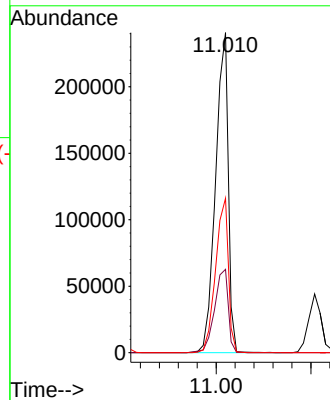
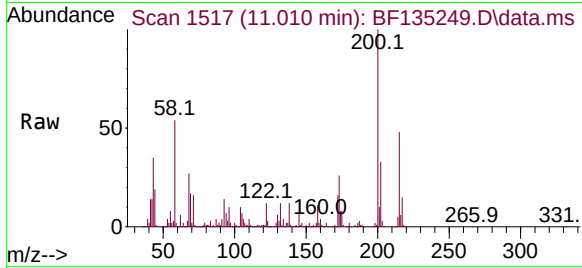
Tgt Ion:200 Resp: 222569

Ion Ratio Lower Upper

200 100

173 26.1 7.4 47.4

215 48.2 28.6 68.6



#70

Pentachlorophenol

Concen: 85.341 ng

RT: 11.104 min Scan# 1533

Delta R.T. 0.006 min

Lab File: BF135249.D

Acq: 14 Sep 2023 12:30

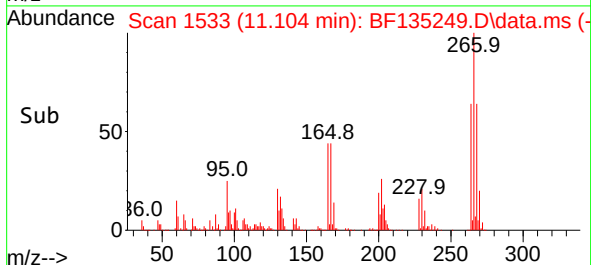
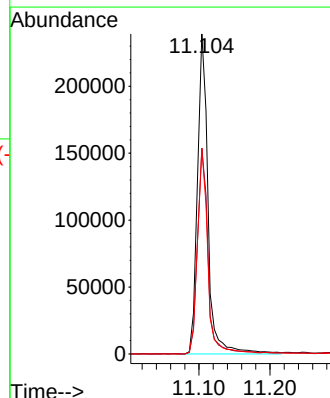
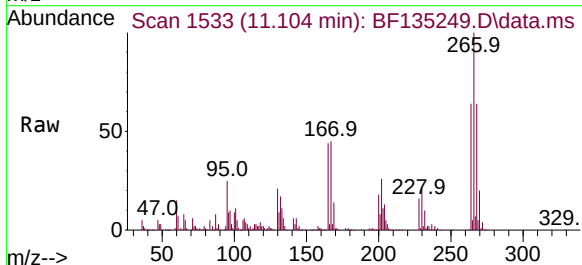
Tgt Ion:266 Resp: 249076

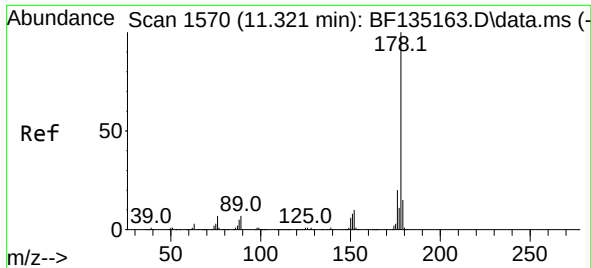
Ion Ratio Lower Upper

266 100

268 64.2 52.1 78.1

264 64.3 50.8 76.2

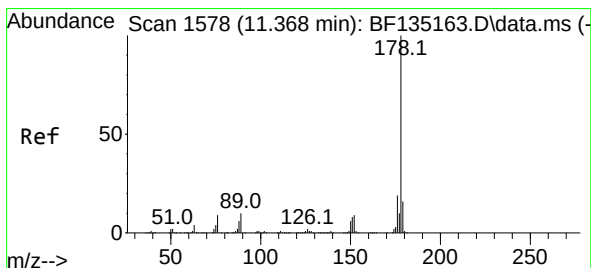
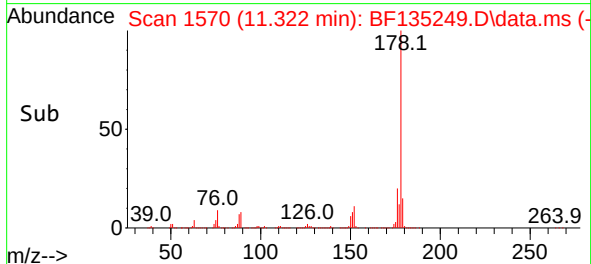
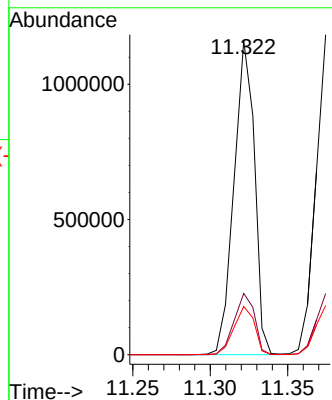
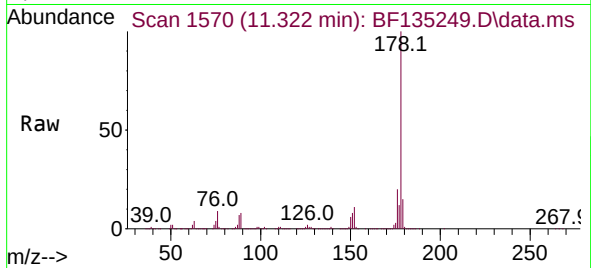




#71
Phenanthrene
Concen: 46.933 ng
RT: 11.322 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BF135249.D
Acq: 14 Sep 2023 12:30

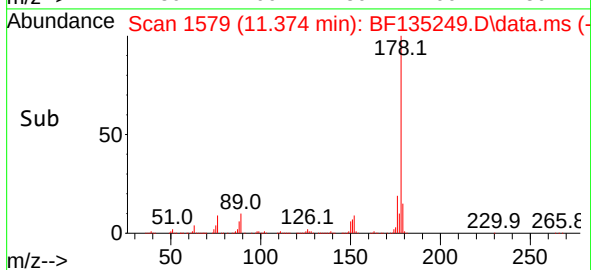
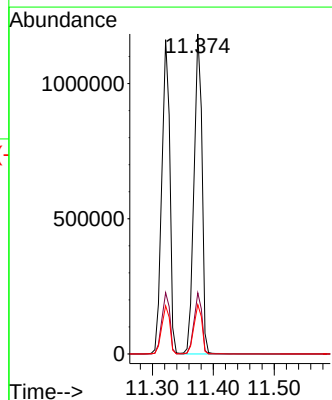
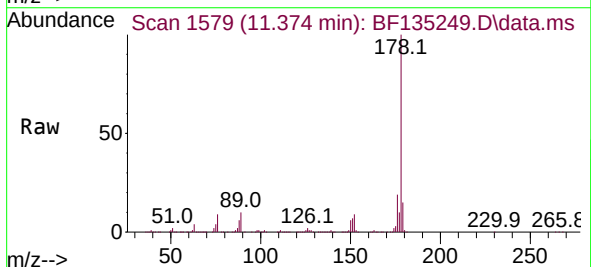
Instrument :
BNA_F
ClientSampleId :

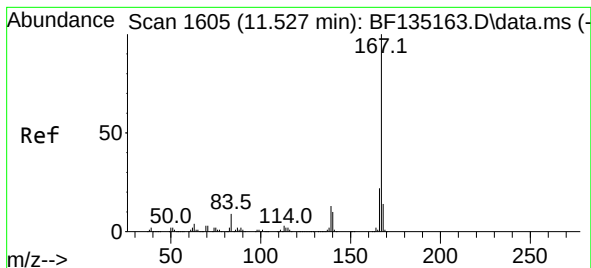
Tgt Ion:178 Resp: 1068660
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 15.3 12.0 18.0



#72
Anthracene
Concen: 46.359 ng
RT: 11.374 min Scan# 1579
Delta R.T. 0.006 min
Lab File: BF135249.D
Acq: 14 Sep 2023 12:30

Tgt Ion:178 Resp: 1085046
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 15.4 12.6 19.0





#73

Carbazole

Concen: 48.664 ng

RT: 11.533 min Scan# 1606

Delta R.T. 0.006 min

Lab File: BF135249.D

Acq: 14 Sep 2023 12:30

Instrument :

BNA_F

ClientSampleId :

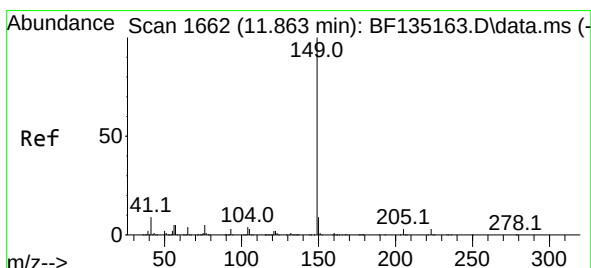
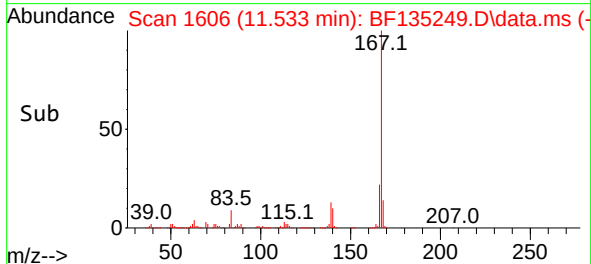
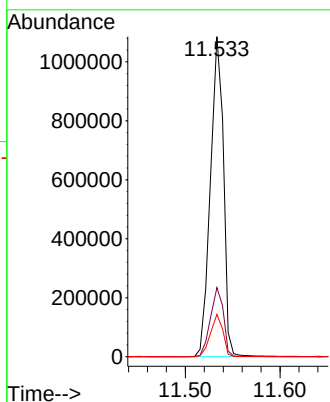
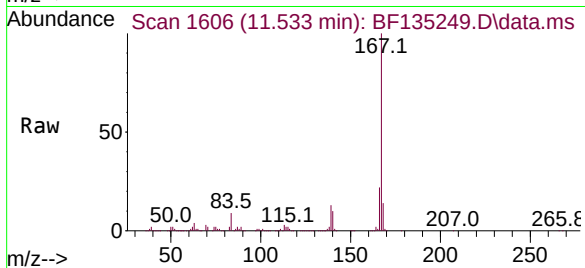
Tgt Ion:167 Resp: 1036848

Ion Ratio Lower Upper

167 100

166 21.6 17.4 26.0

139 13.2 10.6 15.8



#74

Di-n-butylphthalate

Concen: 48.697 ng

RT: 11.869 min Scan# 1663

Delta R.T. 0.006 min

Lab File: BF135249.D

Acq: 14 Sep 2023 12:30

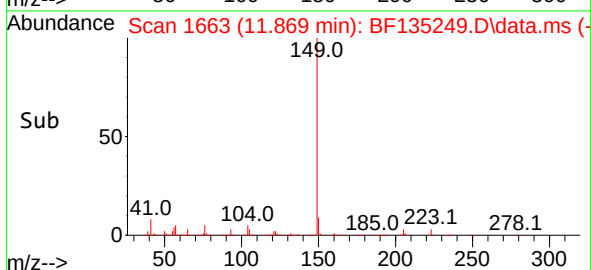
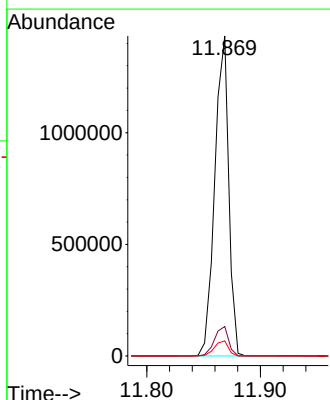
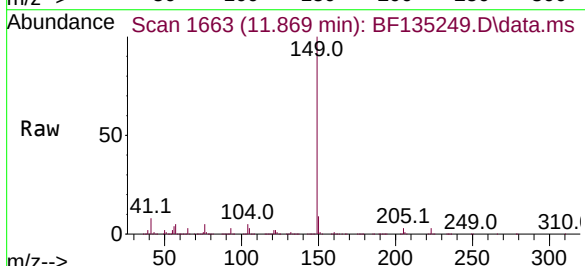
Tgt Ion:149 Resp: 1222596

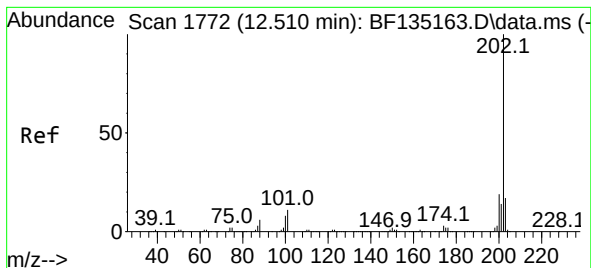
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 4.7 3.6 5.4





#75

Fluoranthene

Concen: 48.116 ng

RT: 12.516 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF135249.D

Acq: 14 Sep 2023 12:30

Instrument :

BNA_F

ClientSampleId :

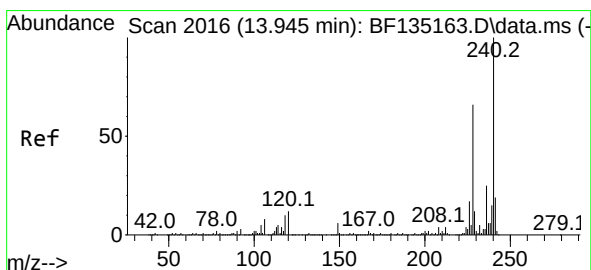
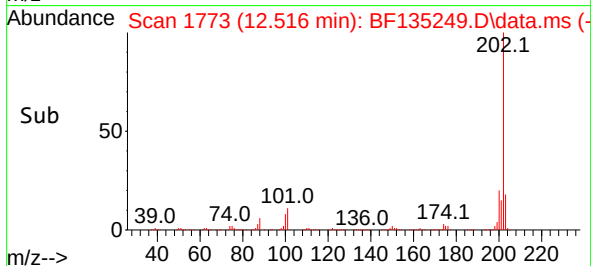
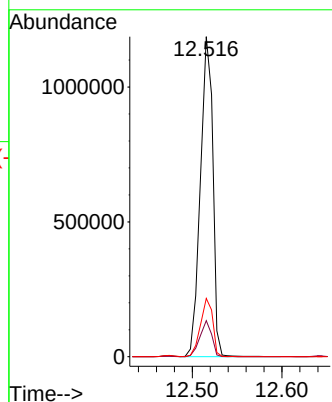
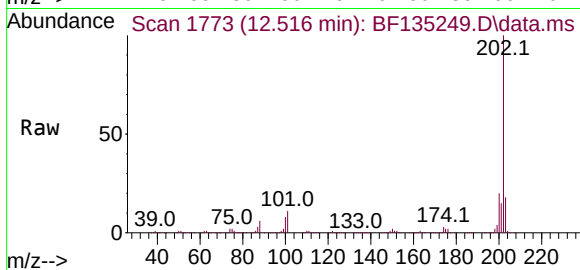
Tgt Ion:202 Resp: 1141608

Ion Ratio Lower Upper

202 100

101 11.3 0.0 31.3

203 18.2 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 2018

Delta R.T. 0.012 min

Lab File: BF135249.D

Acq: 14 Sep 2023 12:30

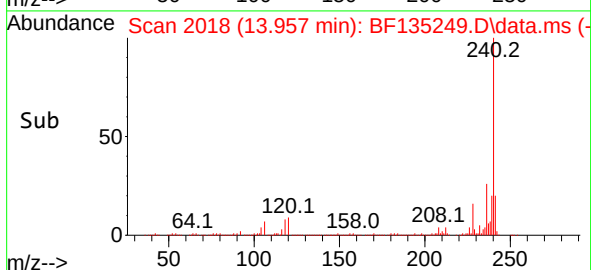
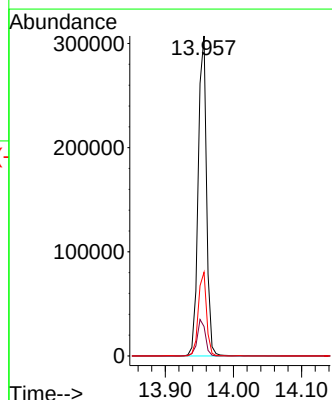
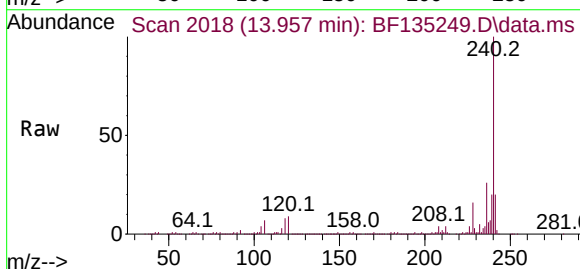
Tgt Ion:240 Resp: 259409

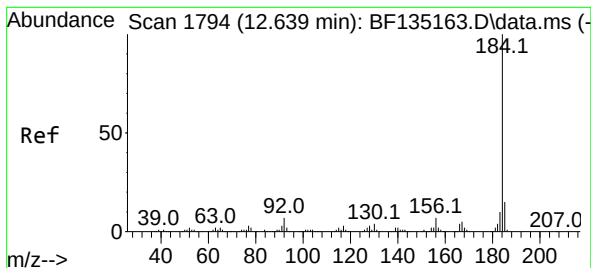
Ion Ratio Lower Upper

240 100

120 9.2 9.4 14.2#

236 26.1 19.8 29.8





#77

Benzidine

Concen: 68.209 ng

RT: 12.645 min Scan# 11

Delta R.T. 0.006 min

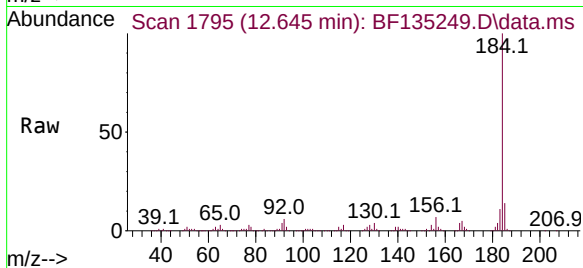
Lab File: BF135249.D

Acq: 14 Sep 2023 12:30

Instrument :

BNA_F

ClientSampleId :



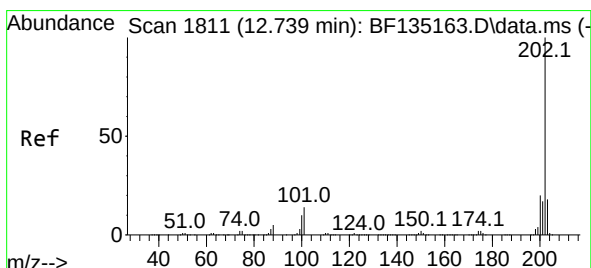
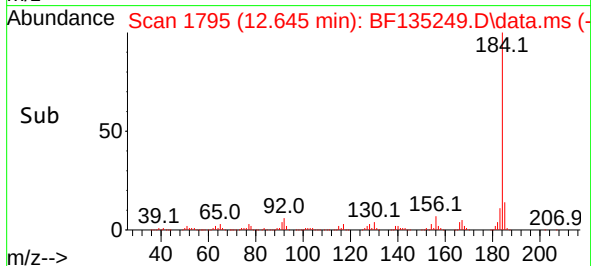
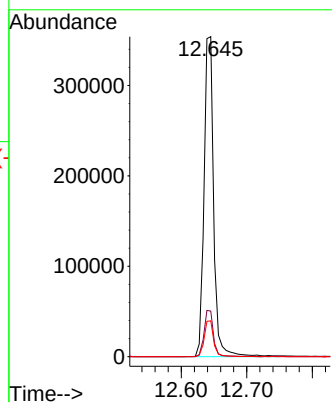
Tgt Ion:184 Resp: 362494

Ion Ratio Lower Upper

184 100

185 14.3 11.7 17.5

183 11.2 8.2 12.4



#78

Pyrene

Concen: 46.976 ng

RT: 12.745 min Scan# 1812

Delta R.T. 0.006 min

Lab File: BF135249.D

Acq: 14 Sep 2023 12:30

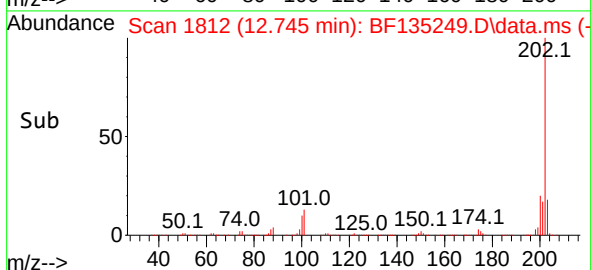
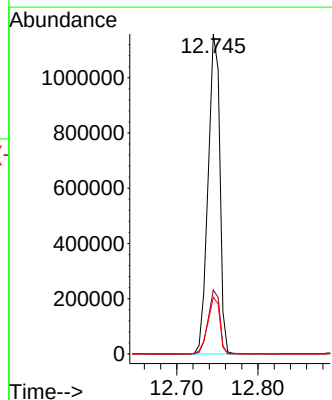
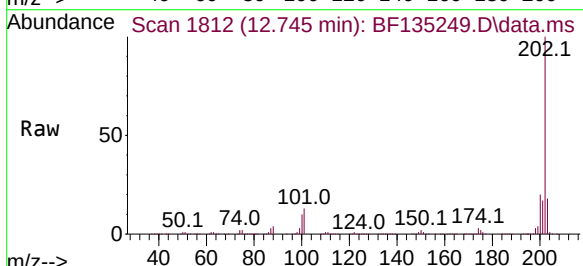
Tgt Ion:202 Resp: 1160195

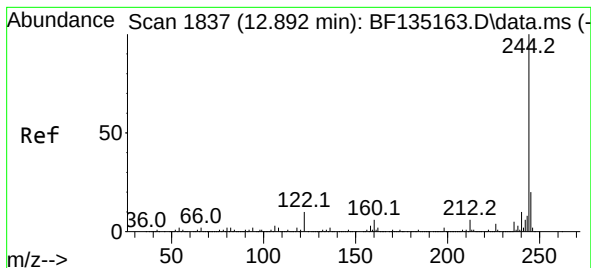
Ion Ratio Lower Upper

202 100

200 20.0 16.2 24.2

203 17.7 14.2 21.4





#79

Terphenyl-d14

Concen: 90.930 ng

RT: 12.898 min Scan# 1838

Delta R.T. 0.006 min

Lab File: BF135249.D

Acq: 14 Sep 2023 12:30

Instrument :

BNA_F

ClientSampleId :

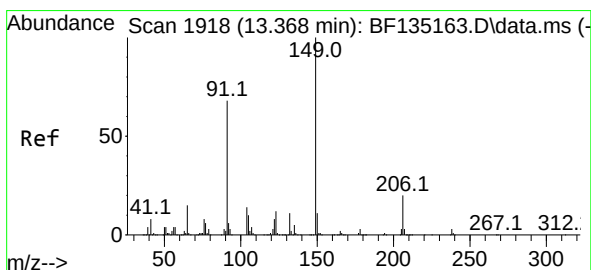
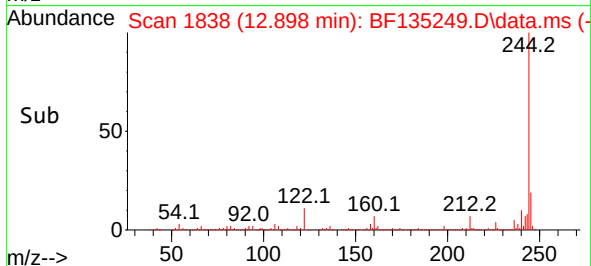
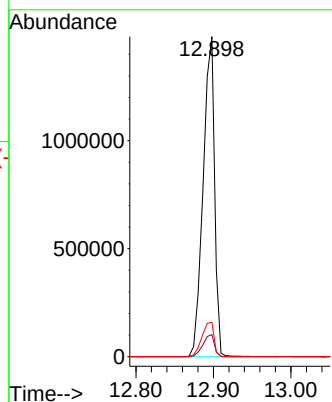
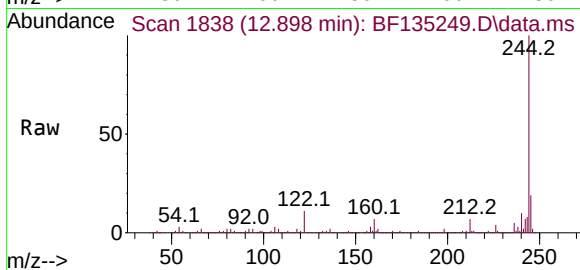
Tgt Ion:244 Resp: 1521628

Ion Ratio Lower Upper

244 100

212 6.9 5.1 7.7

122 10.7 7.9 11.9



#80

Butylbenzylphthalate

Concen: 56.033 ng

RT: 13.374 min Scan# 1919

Delta R.T. 0.006 min

Lab File: BF135249.D

Acq: 14 Sep 2023 12:30

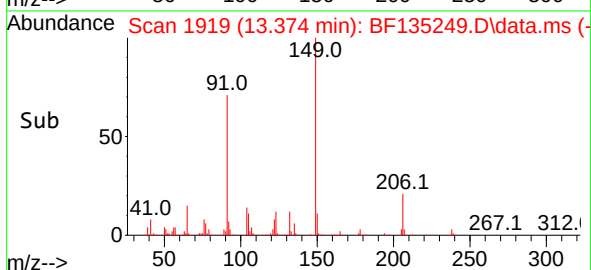
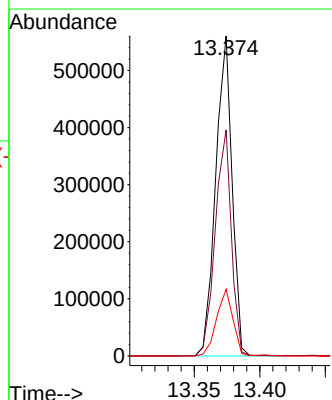
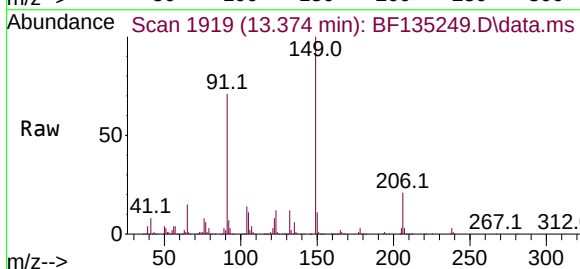
Tgt Ion:149 Resp: 487245

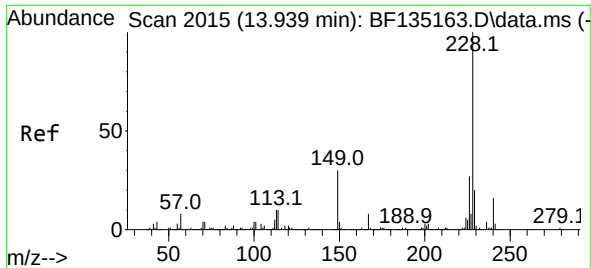
Ion Ratio Lower Upper

149 100

91 70.6 54.7 82.1

206 20.8 16.3 24.5

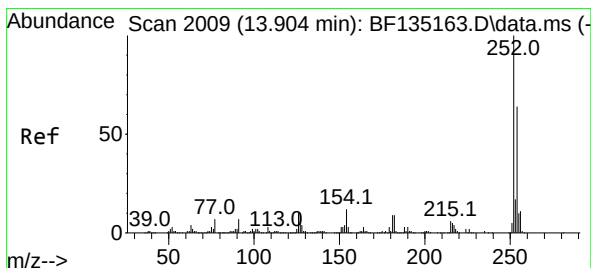
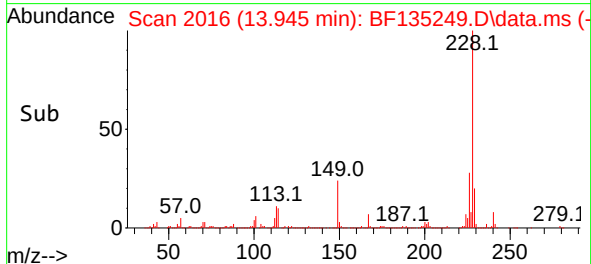
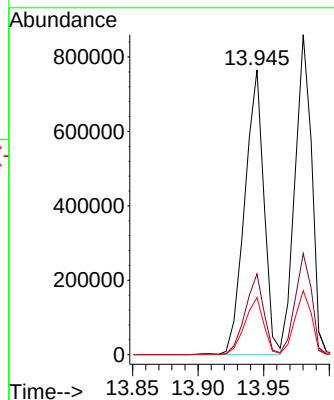
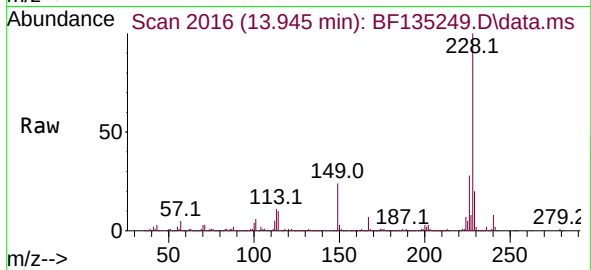




#81
Benzo(a)anthracene
Concen: 46.433 ng
RT: 13.945 min Scan# 2015
Delta R.T. 0.006 min
Lab File: BF135249.D
Acq: 14 Sep 2023 12:30

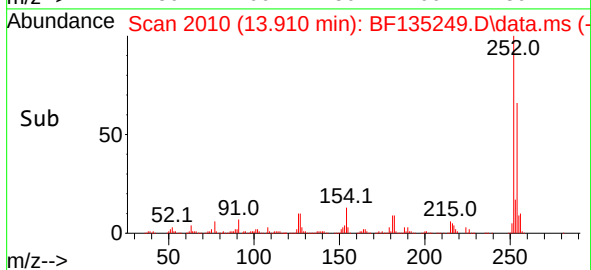
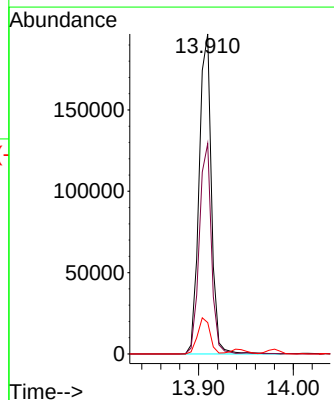
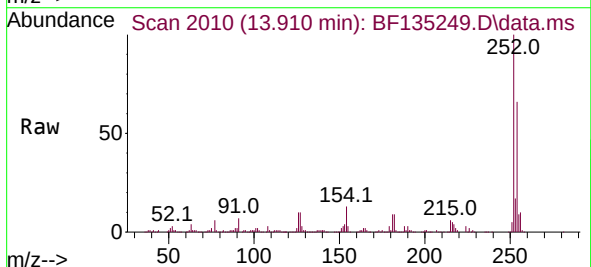
Instrument :
BNA_F
ClientSampleId :

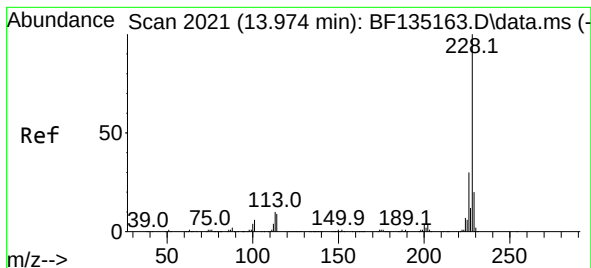
Tgt Ion:228 Resp: 777787
Ion Ratio Lower Upper
228 100
226 28.4 21.7 32.5
229 20.1 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 34.037 ng
RT: 13.910 min Scan# 2010
Delta R.T. 0.006 min
Lab File: BF135249.D
Acq: 14 Sep 2023 12:30

Tgt Ion:252 Resp: 178089
Ion Ratio Lower Upper
252 100
254 65.7 51.0 76.4
126 9.8 7.8 11.8





#83

Chrysene

Concen: 45.909 ng

RT: 13.980 min Scan# 2015

Delta R.T. 0.006 min

Lab File: BF135249.D

Acq: 14 Sep 2023 12:30

Instrument :

BNA_F

ClientSampleId :

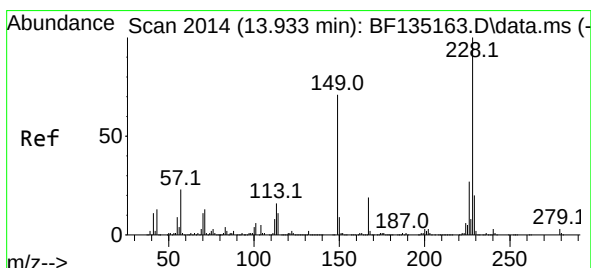
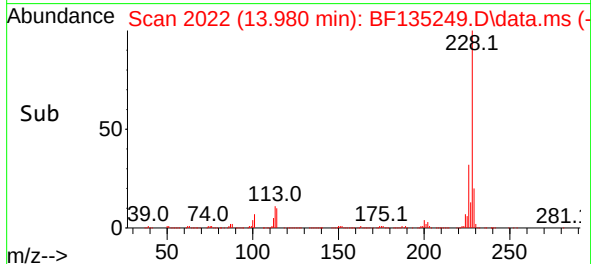
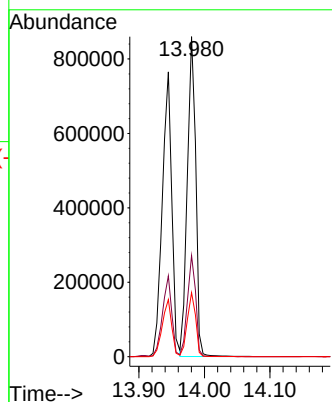
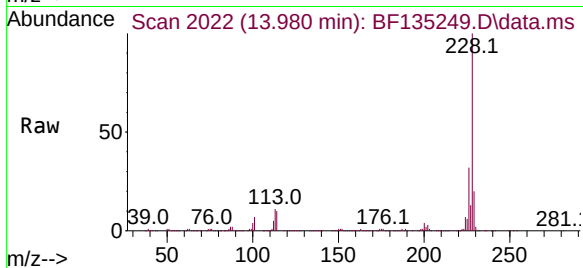
Tgt Ion:228 Resp: 764570

Ion Ratio Lower Upper

228 100

226 31.6 24.3 36.5

229 20.0 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 62.663 ng

RT: 13.939 min Scan# 2015

Delta R.T. 0.006 min

Lab File: BF135249.D

Acq: 14 Sep 2023 12:30

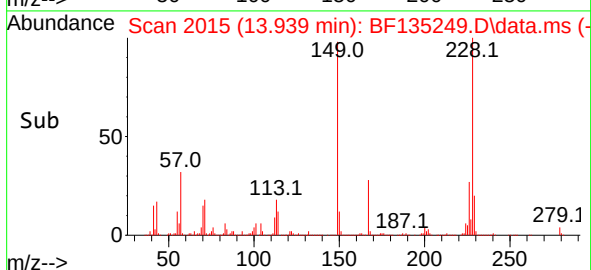
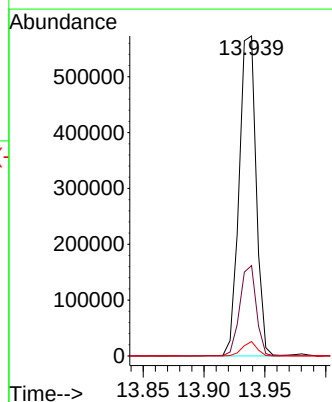
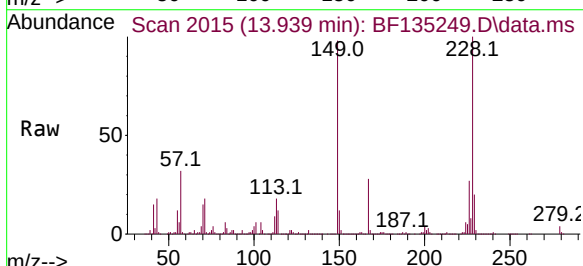
Tgt Ion:149 Resp: 559158

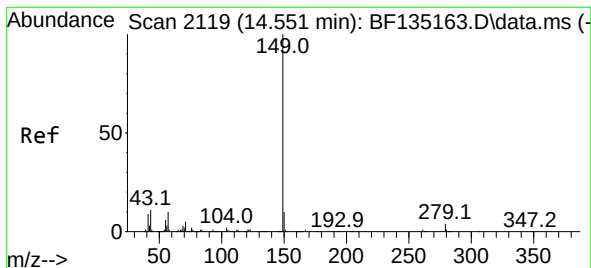
Ion Ratio Lower Upper

149 100

167 28.2 21.9 32.9

279 4.5 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 60.669 ng

RT: 14.551 min Scan# 2119

Delta R.T. 0.000 min

Lab File: BF135249.D

Acq: 14 Sep 2023 12:30

Instrument :

BNA_F

ClientSampleId :

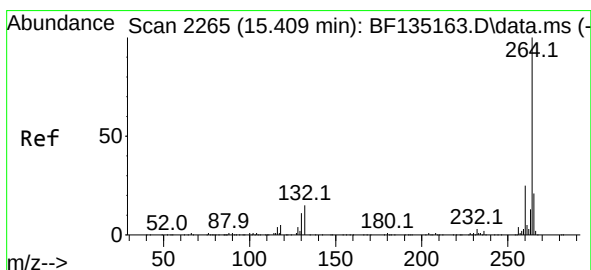
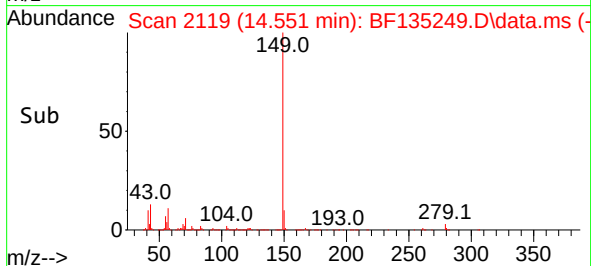
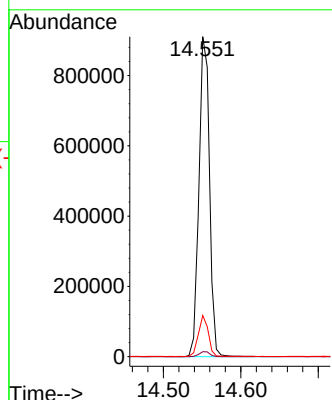
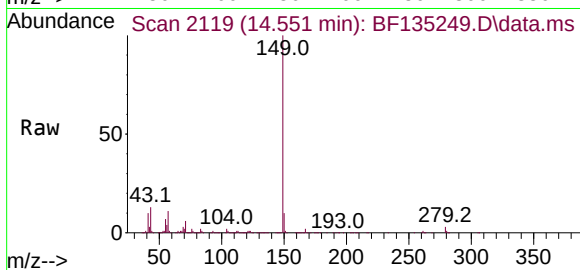
Tgt Ion:149 Resp: 860331

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

43 12.2 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.415 min Scan# 2266

Delta R.T. 0.006 min

Lab File: BF135249.D

Acq: 14 Sep 2023 12:30

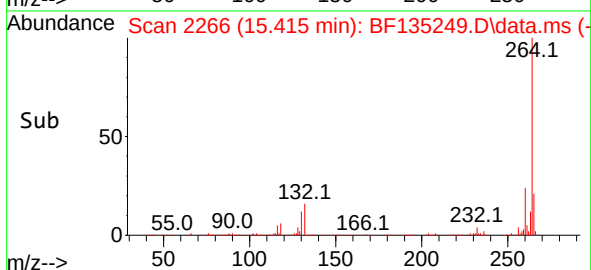
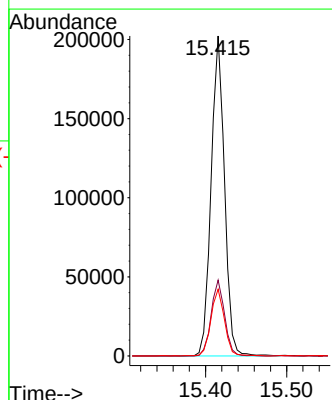
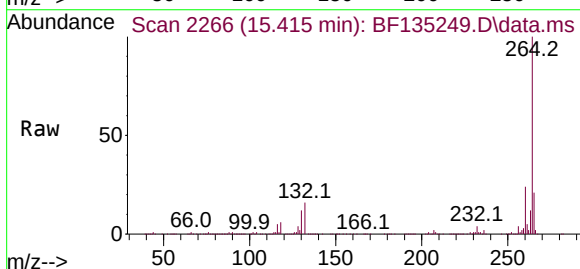
Tgt Ion:264 Resp: 230741

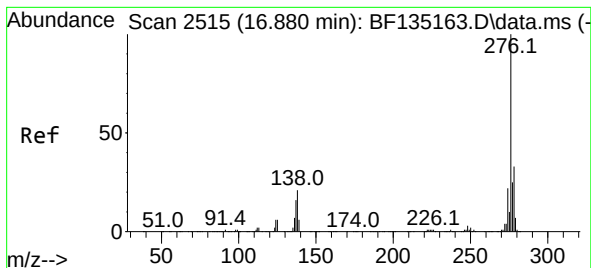
Ion Ratio Lower Upper

264 100

260 23.7 19.8 29.6

265 20.9 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.050 ng

RT: 16.909 min Scan# 2194

Delta R.T. 0.030 min

Lab File: BF135249.D

Acq: 14 Sep 2023 12:30

Instrument :

BNA_F

ClientSampleId :

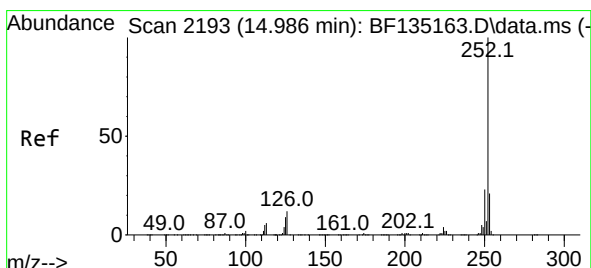
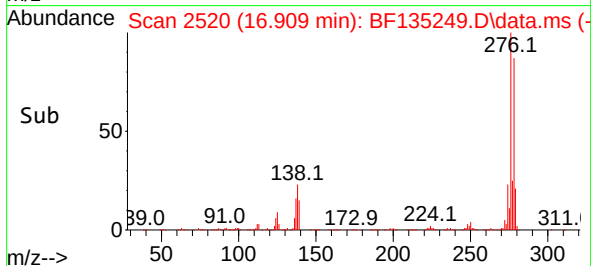
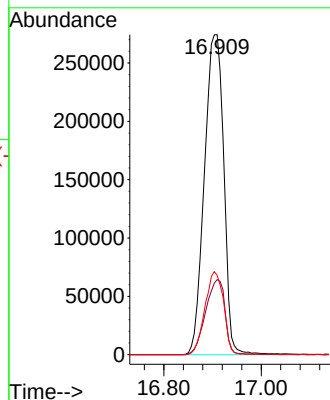
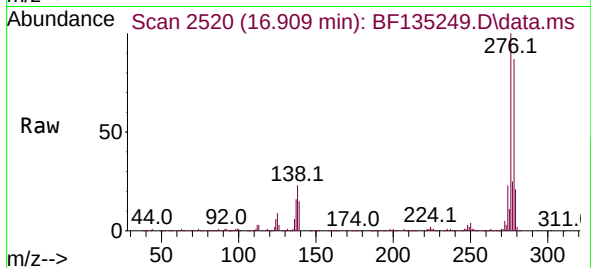
Tgt Ion:276 Resp: 757199

Ion Ratio Lower Upper

276 100

138 23.3 19.2 28.8

277 25.1 19.7 29.5



#88

Benzo(b)fluoranthene

Concen: 50.266 ng

RT: 14.992 min Scan# 2194

Delta R.T. 0.006 min

Lab File: BF135249.D

Acq: 14 Sep 2023 12:30

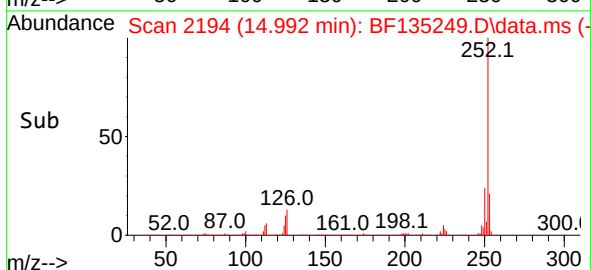
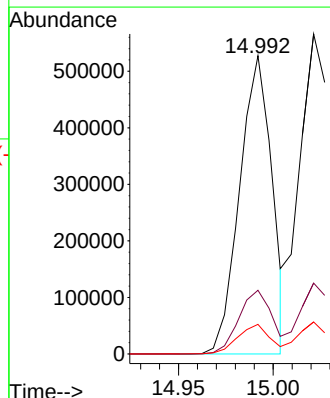
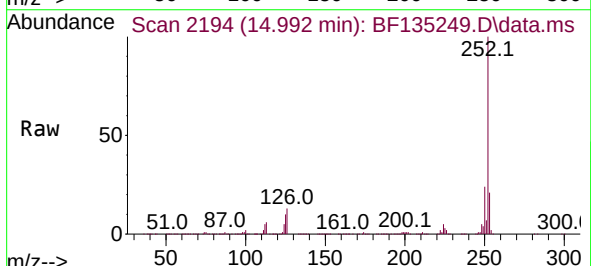
Tgt Ion:252 Resp: 627864

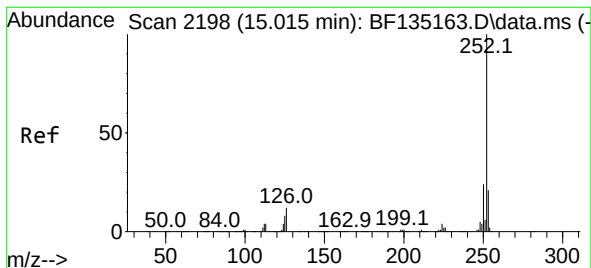
Ion Ratio Lower Upper

252 100

253 21.4 17.2 25.8

125 9.9 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 50.665 ng

RT: 15.021 min Scan# 2199

Delta R.T. 0.006 min

Lab File: BF135249.D

Acq: 14 Sep 2023 12:30

Instrument :

BNA_F

ClientSampleId :

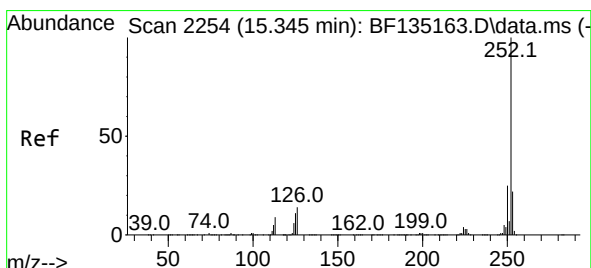
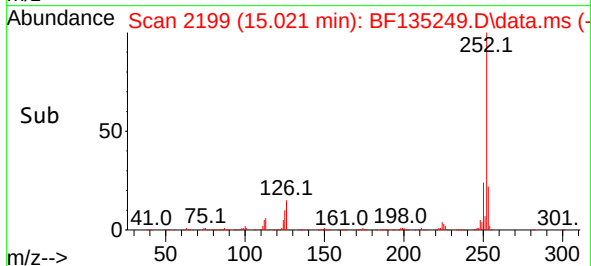
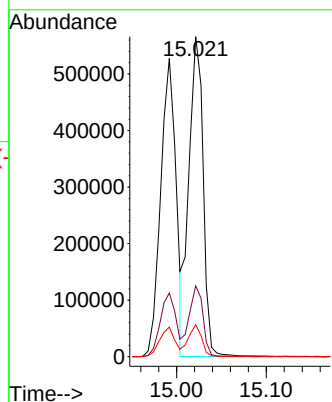
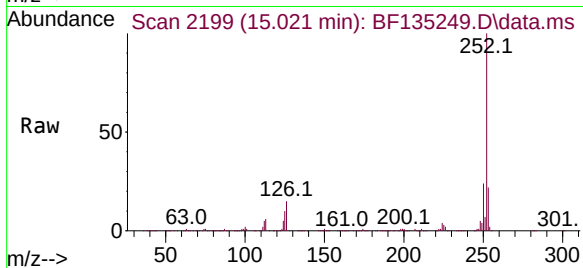
Tgt Ion:252 Resp: 625140

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

125 10.0 7.2 10.8



#90

Benzo(a)pyrene

Concen: 46.835 ng

RT: 15.357 min Scan# 2256

Delta R.T. 0.012 min

Lab File: BF135249.D

Acq: 14 Sep 2023 12:30

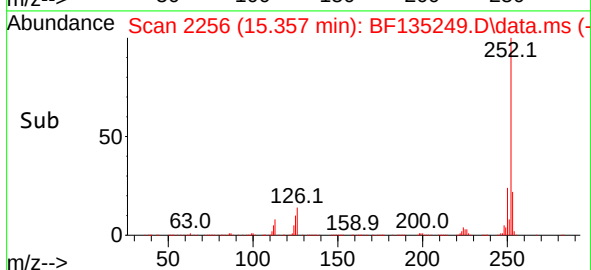
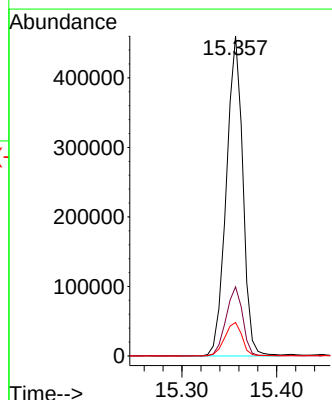
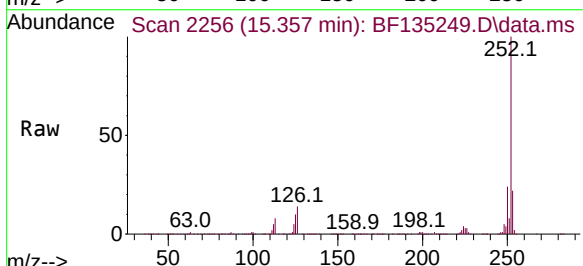
Tgt Ion:252 Resp: 557879

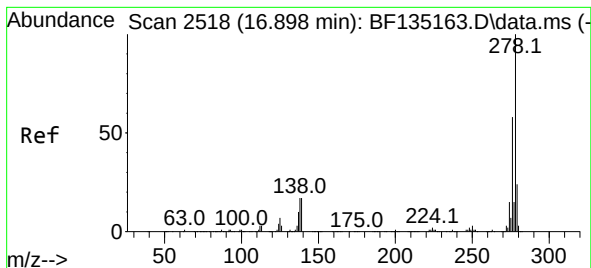
Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 10.4 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 49.639 ng

RT: 16.921 min Scan# 2518

Delta R.T. 0.024 min

Lab File: BF135249.D

Acq: 14 Sep 2023 12:30

Instrument :

BNA_F

ClientSampleId :

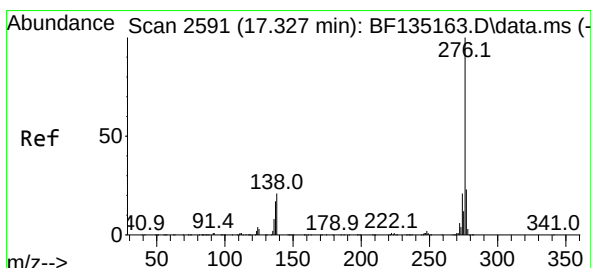
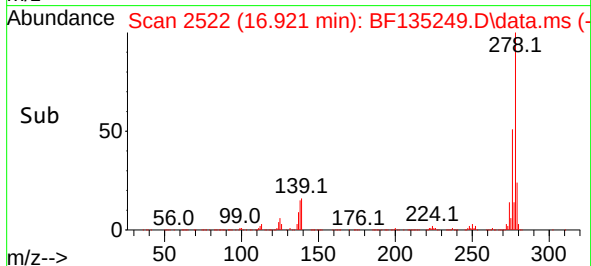
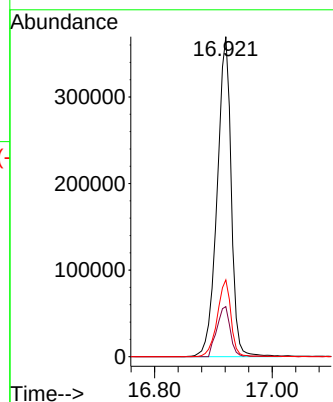
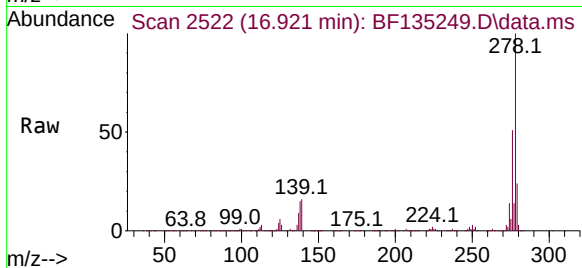
Tgt Ion:278 Resp: 614463

Ion Ratio Lower Upper

278 100

139 15.6 13.4 20.0

279 24.0 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 48.776 ng

RT: 17.356 min Scan# 2596

Delta R.T. 0.030 min

Lab File: BF135249.D

Acq: 14 Sep 2023 12:30

Tgt Ion:276 Resp: 630578

Ion Ratio Lower Upper

276 100

277 23.0 18.8 28.2

138 20.1 16.9 25.3

