

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091423\
 Data File : BF135258.D
 Acq On : 14 Sep 2023 17:21
 Operator : CG\JU
 Sample : 04256-07MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-4-6MS

Quant Time: Sep 15 01:23:50 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	139480	20.000	ng	0.00
21) Naphthalene-d8	8.040	136	528222	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	253892	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	493782	20.000	ng	0.00
76) Chrysene-d12	13.951	240	224006	20.000	ng	0.00
86) Perylene-d12	15.416	264	257711	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	729880	85.110	ng	0.02
7) Phenol-d6	6.410	99	991340	90.911	ng	0.00
23) Nitrobenzene-d5	7.328	82	623996	64.180	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	249114	98.734	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1090561	64.805	ng	0.00
79) Terphenyl-d14	12.886	244	989261	68.460	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.575	88	137641	36.612	ng	99
3) Pyridine	3.322	79	328608	32.477	ng	99
4) n-Nitrosodimethylamine	3.293	42	212451	39.568	ng	97
6) Aniline	6.428	93	358904	25.099	ng	# 46
8) 2-Chlorophenol	6.551	128	384022	41.948	ng	96
9) Benzaldehyde	6.316	77	128507	20.687	ng	97
10) Phenol	6.422	94	452932	37.879	ng	91
11) bis(2-Chloroethyl)ether	6.504	93	352832	39.338	ng	100
12) 1,3-Dichlorobenzene	6.704	146	383146	41.182	ng	98
13) 1,4-Dichlorobenzene	6.781	146	389434	41.142	ng	99
14) 1,2-Dichlorobenzene	6.928	146	366494	41.693	ng	97
15) Benzyl Alcohol	6.910	79	325404	41.585	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.040	45	689949	40.810	ng	96
17) 2-Methylphenol	7.028	107	305331	37.795	ng	96
18) Hexachloroethane	7.269	117	148698	42.516	ng	94
19) n-Nitroso-di-n-propyla...	7.181	70	257864	38.178	ng	97
20) 3+4-Methylphenols	7.181	107	352289	36.265	ng	92
22) Acetophenone	7.175	105	496597	41.121	ng	# 99
24) Nitrobenzene	7.351	77	402158	41.849	ng	98
25) Isophorone	7.587	82	746809	41.831	ng	98
26) 2-Nitrophenol	7.663	139	205893	44.641	ng	98
27) 2,4-Dimethylphenol	7.704	122	307665	39.686	ng	99
28) bis(2-Chloroethoxy)met...	7.798	93	453459	42.436	ng	99
29) 2,4-Dichlorophenol	7.904	162	304308	42.361	ng	100
30) 1,2,4-Trichlorobenzene	7.987	180	330167	43.972	ng	98
31) Naphthalene	8.063	128	1063774	41.449	ng	99
32) Benzoic acid	7.851	122	253018	43.342	ng	97
33) 4-Chloroaniline	8.116	127	220724	19.602	ng	98
34) Hexachlorobutadiene	8.181	225	193847	42.816	ng	99
35) Caprolactam	8.498	113	63068	26.159	ng	99
36) 4-Chloro-3-methylphenol	8.610	107	342541	42.903	ng	99
37) 2-Methylnaphthalene	8.757	142	683254	39.605	ng	99
38) 1-Methylnaphthalene	8.857	142	640781	39.673	ng	99
40) 1,2,4,5-Tetrachloroben...	8.922	216	322808	43.887	ng	99
41) Hexachlorocyclopentadiene	8.904	237	250766	77.615	ng	98
43) 2,4,6-Trichlorophenol	9.039	196	216709	44.998	ng	100

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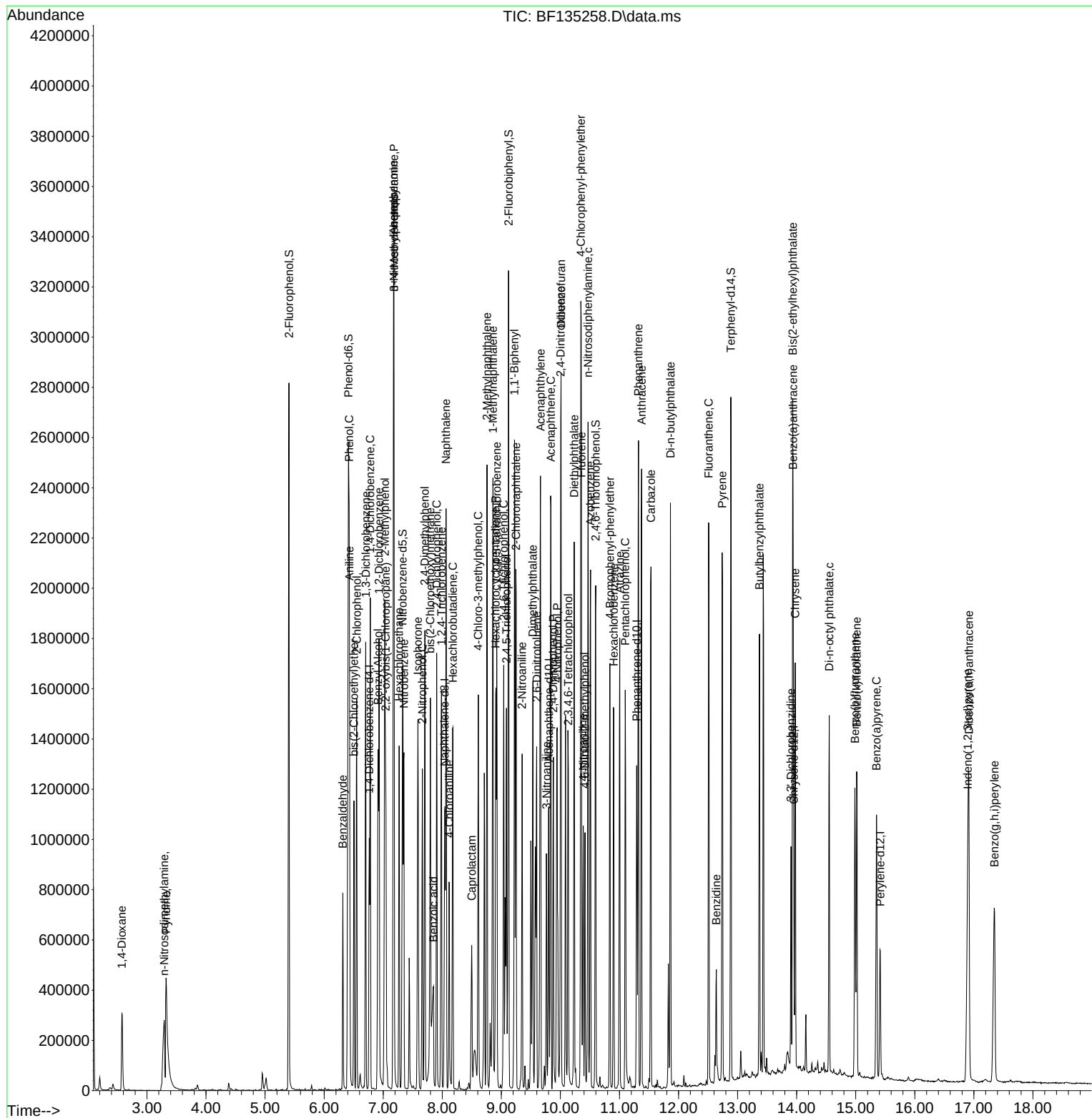
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.087	196	231209	41.689	ng	100
46) 1,1'-Biphenyl	9.222	154	840523	43.079	ng	98
47) 2-Chloronaphthalene	9.251	162	629445	44.463	ng	99
48) 2-Nitroaniline	9.351	65	226385	41.163	ng	98
49) Acenaphthylene	9.663	152	981459	41.716	ng	99
50) Dimethylphthalate	9.534	163	730218	42.539	ng	99
51) 2,6-Dinitrotoluene	9.598	165	159436	42.398	ng	87
52) Acenaphthene	9.839	154	578041	41.590	ng	98
53) 3-Nitroaniline	9.763	138	133623	30.272	ng	98
54) 2,4-Dinitrophenol	9.881	184	156965	74.033	ng	98
55) Dibenzofuran	10.010	168	871950	41.112	ng	98
56) 4-Nitrophenol	9.945	139	237153	84.535	ng	91
57) 2,4-Dinitrotoluene	10.004	165	198562	42.178	ng	# 87
58) Fluorene	10.357	166	699836	42.922	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.134	232	189720	44.470	ng	100
60) Diethylphthalate	10.233	149	750582	43.569	ng	99
61) 4-Chlorophenyl-phenyle...	10.345	204	323425	41.294	ng	98
62) 4-Nitroaniline	10.386	138	176664	41.636	ng	97
63) Azobenzene	10.510	77	729752	43.282	ng	100
65) 4,6-Dinitro-2-methylph...	10.416	198	113972	43.457	ng	94
66) n-Nitrosodiphenylamine	10.469	169	645295	43.166	ng	100
67) 4-Bromophenyl-phenylether	10.839	248	208138	42.382	ng	100
68) Hexachlorobenzene	10.904	284	222926	44.557	ng	97
69) Atrazine	11.004	200	197500	49.100	ng	98
70) Pentachlorophenol	11.098	266	202917	67.788	ng	99
71) Phenanthrene	11.322	178	973838	41.699	ng	99
72) Anthracene	11.375	178	991698	41.312	ng	99
73) Carbazole	11.533	167	910618	41.671	ng	99
74) Di-n-butylphthalate	11.863	149	1121080	43.538	ng	99
75) Fluoranthene	12.510	202	947243	38.926	ng	99
77) Benzidine	12.639	184	183695	40.028	ng	100
78) Pyrene	12.739	202	947362	44.421	ng	100
80) Butylbenzylphthalate	13.369	149	370502	49.342	ng	98
81) Benzo(a)anthracene	13.939	228	601401	41.577	ng	98
82) 3,3'-Dichlorobenzidine	13.904	252	165922	36.724	ng	98
83) Chrysene	13.974	228	589710	41.006	ng	99
84) Bis(2-ethylhexyl)phtha...	13.933	149	403372	52.349	ng	100
85) Di-n-octyl phthalate	14.551	149	656510	53.613	ng	99
87) Indeno(1,2,3-cd)pyrene	16.898	276	773144	45.756	ng	99
88) Benzo(b)fluoranthene	14.986	252	593406	42.536	ng	99
89) Benzo(k)fluoranthene	15.016	252	515862	37.433	ng	99
90) Benzo(a)pyrene	15.351	252	529094	39.770	ng	98
91) Dibenzo(a,h)anthracene	16.915	278	627184	45.364	ng	98
92) Benzo(g,h,i)perylene	17.351	276	640057	44.328	ng	97

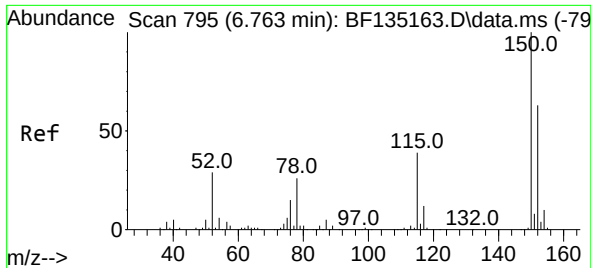
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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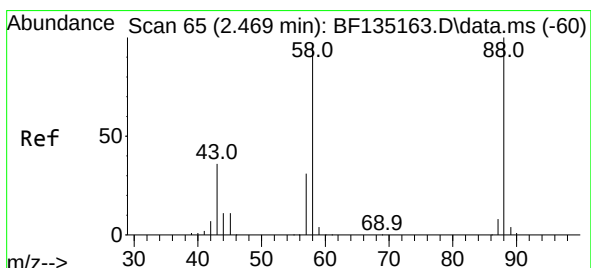
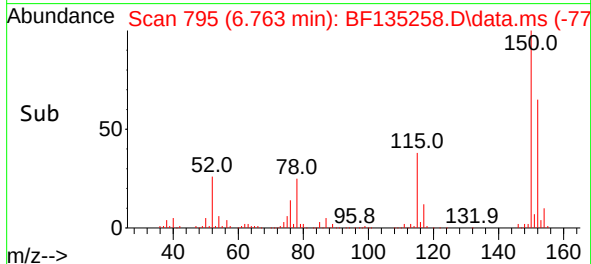
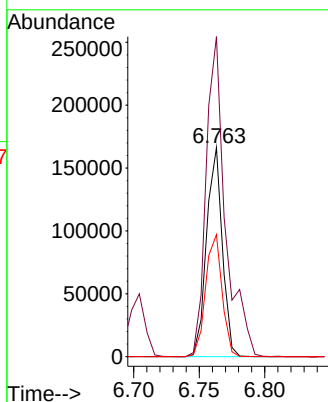
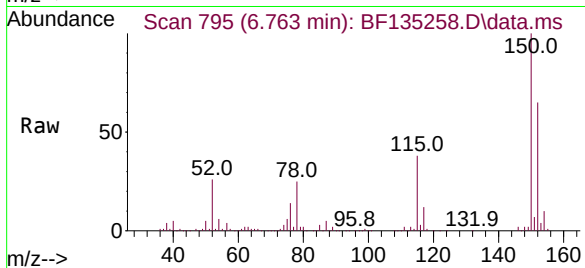




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.763 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: BF135258.D
 Acq: 14 Sep 2023 17:21

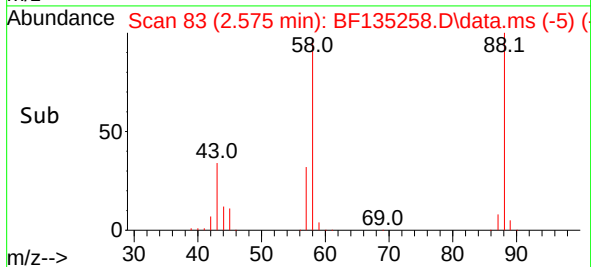
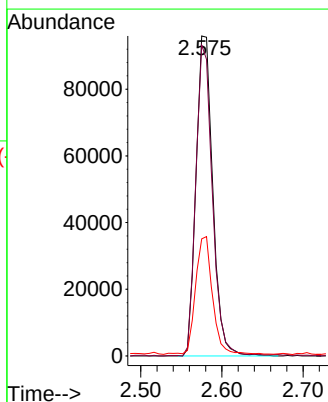
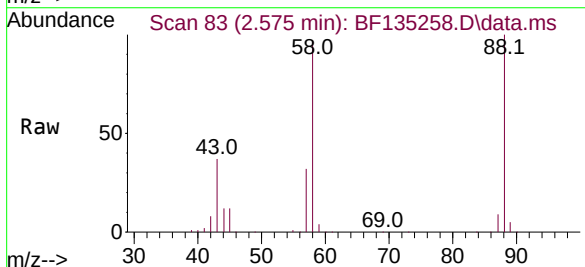
Instrument :
 BNA_F
 ClientSampleId :
 MW-4-6MS

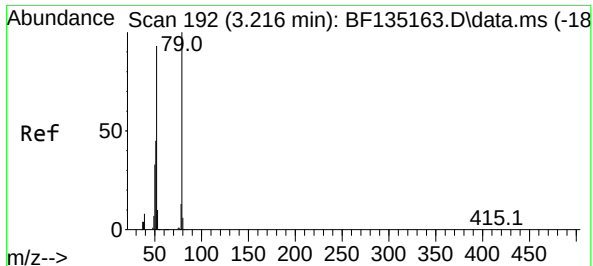
Tgt Ion:152 Resp: 139480
 Ion Ratio Lower Upper
 152 100
 150 153.0 127.8 191.6
 115 58.4 49.8 74.8



#2
 1,4-Dioxane
 Concen: 36.612 ng
 RT: 2.575 min Scan# 83
 Delta R.T. 0.106 min
 Lab File: BF135258.D
 Acq: 14 Sep 2023 17:21

Tgt Ion: 88 Resp: 137641
 Ion Ratio Lower Upper
 88 100
 58 96.6 78.3 117.5
 43 37.3 29.4 44.0

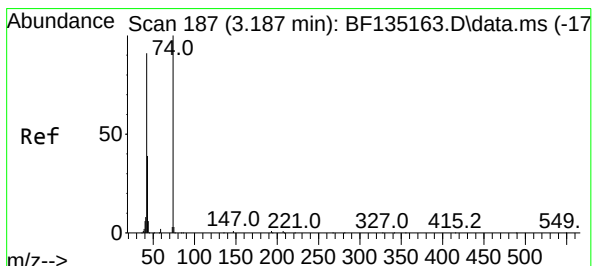
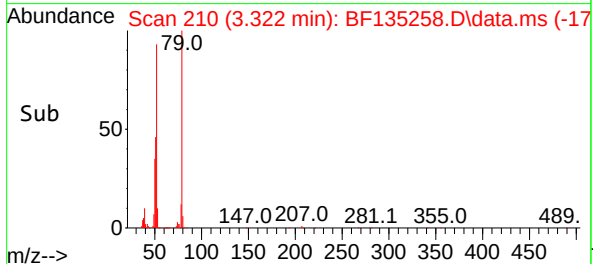
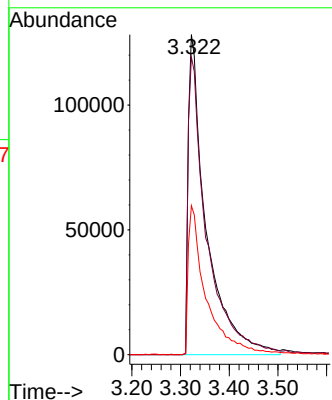
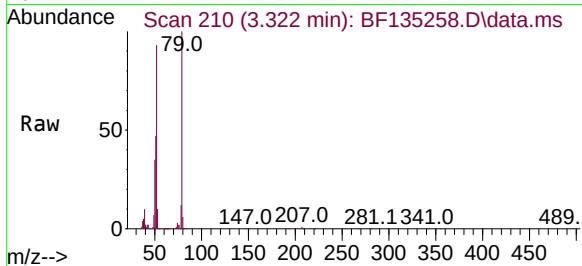




#3
Pyridine
Concen: 32.477 ng
RT: 3.322 min Scan# 21
Delta R.T. 0.106 min
Lab File: BF135258.D
Acq: 14 Sep 2023 17:21

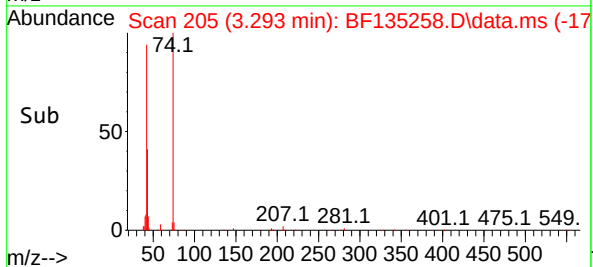
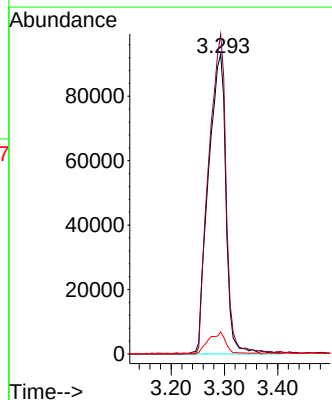
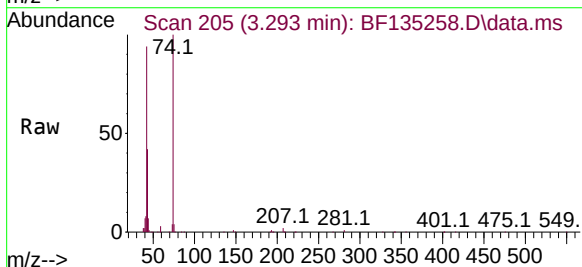
Instrument :
BNA_F
ClientSampleId :
MW-4-6MS

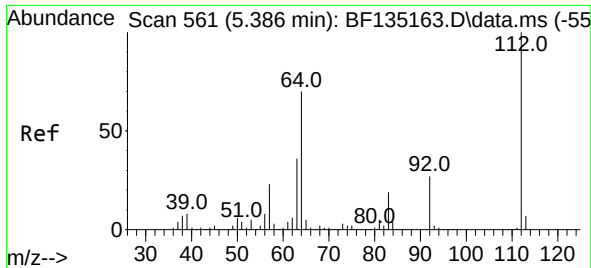
Tgt Ion: 79 Resp: 328608
Ion Ratio Lower Upper
79 100
52 93.0 74.1 111.1
51 46.5 35.8 53.8



#4
n-Nitrosodimethylamine
Concen: 39.568 ng
RT: 3.293 min Scan# 205
Delta R.T. 0.106 min
Lab File: BF135258.D
Acq: 14 Sep 2023 17:21

Tgt Ion: 42 Resp: 212451
Ion Ratio Lower Upper
42 100
74 106.7 87.7 131.5
44 7.4 5.6 8.4

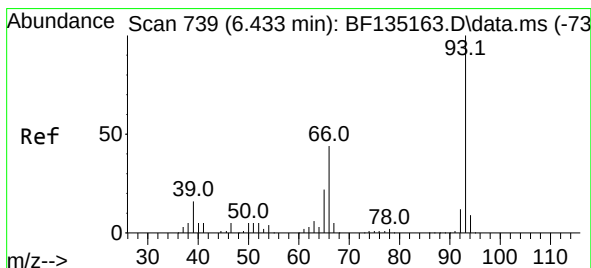
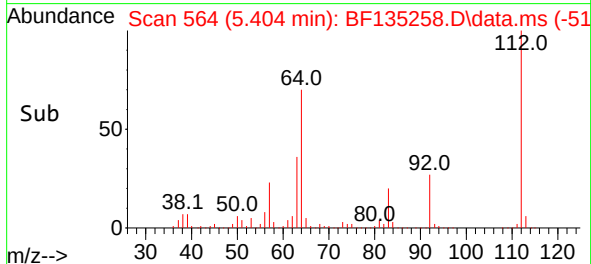
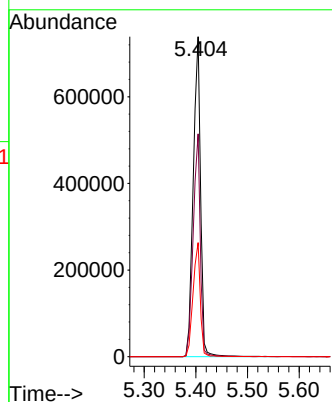
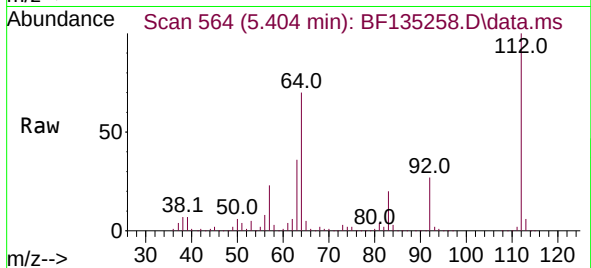




#5
2-Fluorophenol
Concen: 85.110 ng
RT: 5.404 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF135258.D
Acq: 14 Sep 2023 17:21

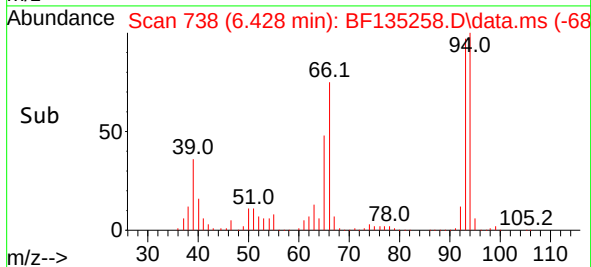
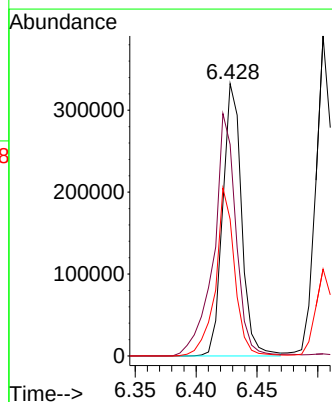
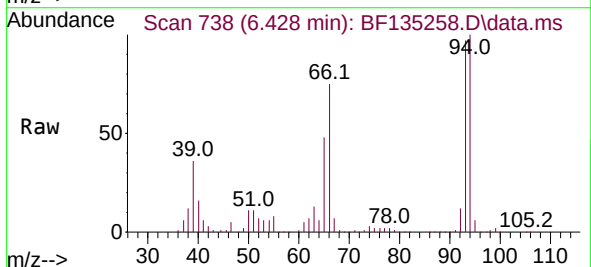
Instrument :
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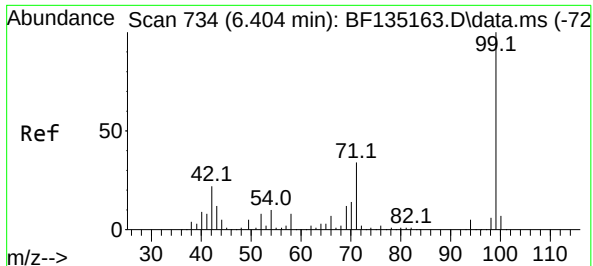
Tgt Ion:112 Resp: 729880
Ion Ratio Lower Upper
112 100
64 69.7 55.9 83.9
63 35.7 29.0 43.6



#6
Aniline
Concen: 25.099 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF135258.D
Acq: 14 Sep 2023 17:21

Tgt Ion: 93 Resp: 358904
Ion Ratio Lower Upper
93 100
66 77.7 35.4 53.0#
65 50.2 17.8 26.8#





#7

Phenol-d6

Concen: 90.911 ng

RT: 6.410 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF135258.D

Acq: 14 Sep 2023 17:21

Instrument :

BNA_F

ClientSampleId :

MW-4-6MS

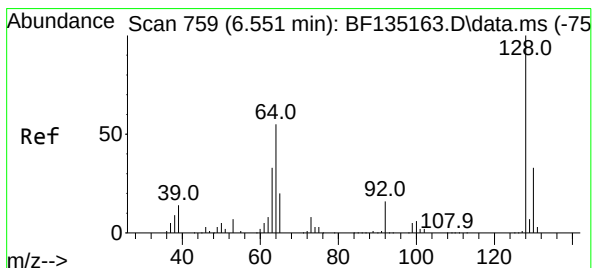
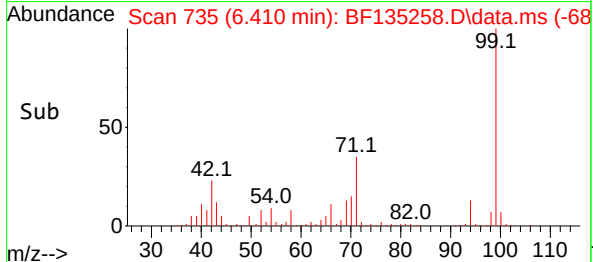
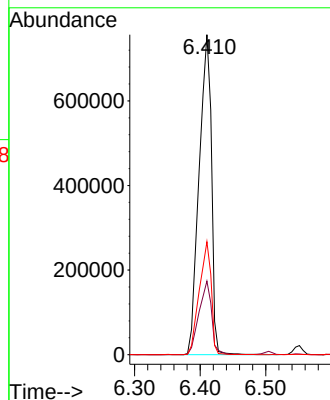
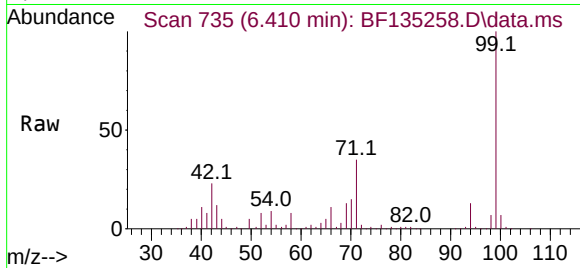
Tgt Ion: 99 Resp: 991340

Ion Ratio Lower Upper

99 100

42 23.0 17.9 26.9

71 35.3 27.0 40.6



#8

2-Chlorophenol

Concen: 41.948 ng

RT: 6.551 min Scan# 759

Delta R.T. 0.000 min

Lab File: BF135258.D

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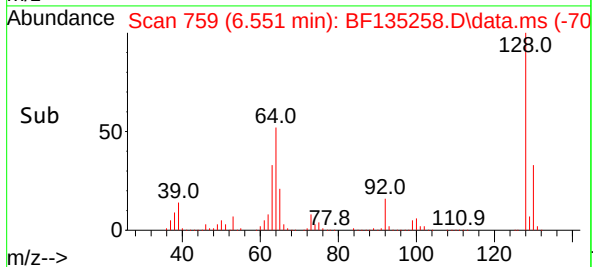
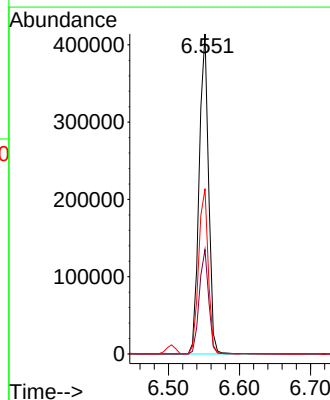
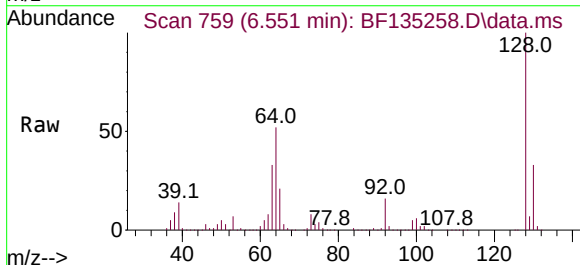
Tgt Ion:128 Resp: 384022

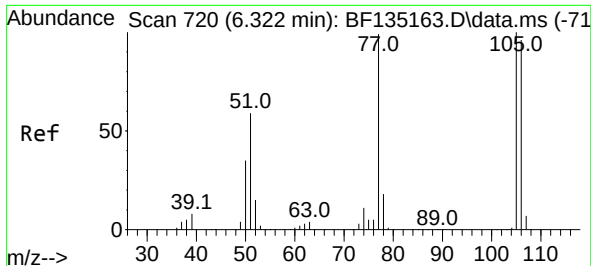
Ion Ratio Lower Upper

128 100

130 32.7 12.7 52.7

64 51.6 35.9 75.9





#9

Benzaldehyde

Concen: 20.687 ng

RT: 6.316 min Scan# 719

Delta R.T. -0.006 min

Lab File: BF135258.D

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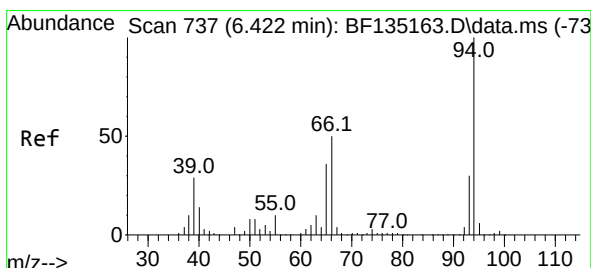
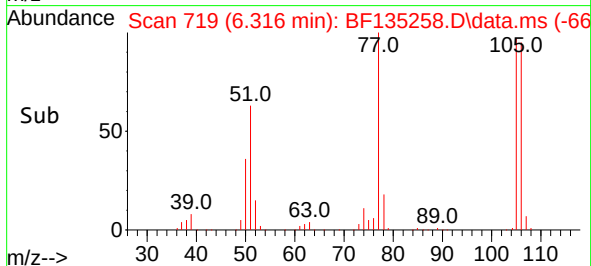
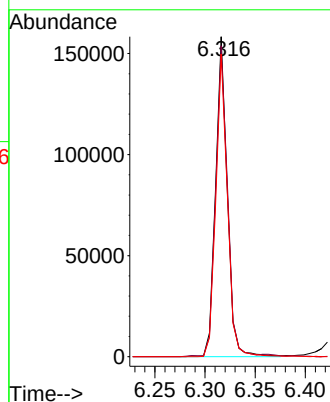
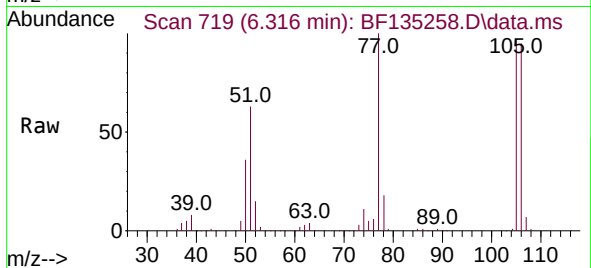
Tgt Ion: 77 Resp: 128507

Ion Ratio Lower Upper

77 100

105 97.2 81.4 121.4

106 94.6 76.9 116.9



#10

Phenol

Concen: 37.879 ng

RT: 6.422 min Scan# 737

Delta R.T. 0.000 min

Lab File: BF135258.D

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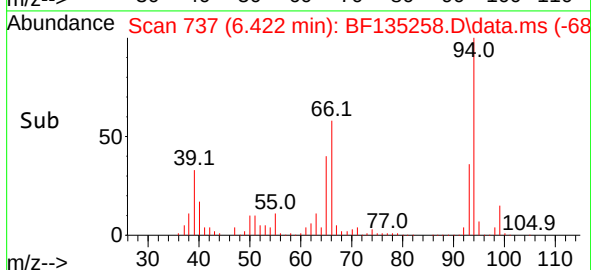
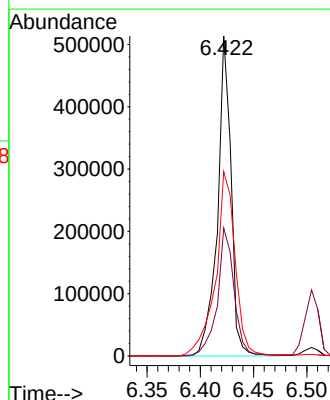
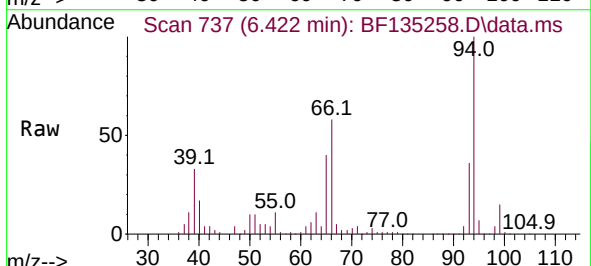
Tgt Ion: 94 Resp: 452932

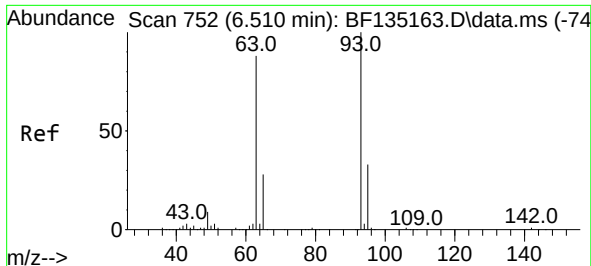
Ion Ratio Lower Upper

94 100

65 39.9 15.9 55.9

66 57.6 29.8 69.8





#11

bis(2-Chloroethyl)ether

Concen: 39.338 ng

RT: 6.504 min Scan# 751

Delta R.T. -0.006 min

Lab File: BF135258.D

Acq: 14 Sep 2023 17:21

Instrument :

BNA_F

ClientSampleId :

MW-4-6MS

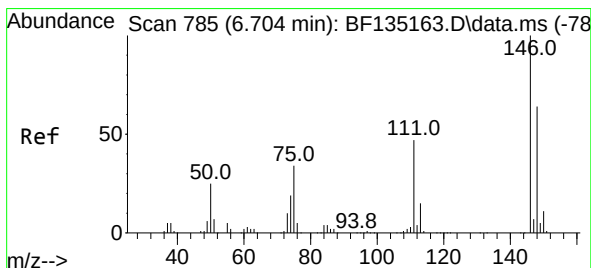
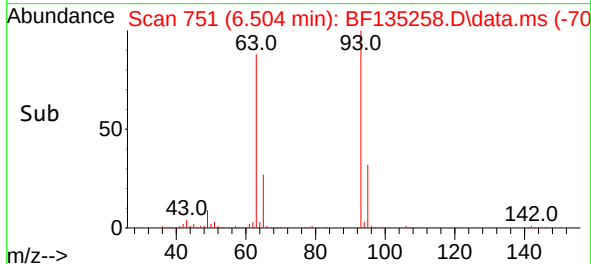
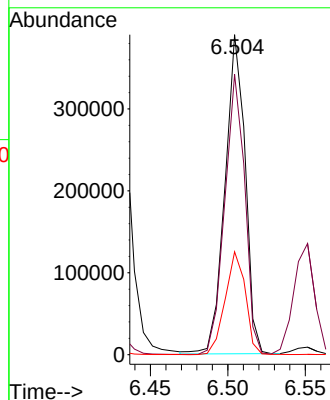
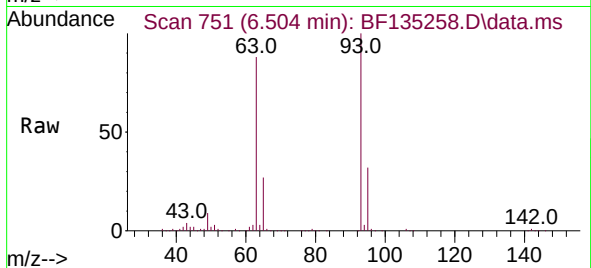
Tgt Ion: 93 Resp: 352832

Ion Ratio Lower Upper

93 100

63 87.6 67.3 107.3

95 32.2 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 41.182 ng

RT: 6.704 min Scan# 785

Delta R.T. 0.000 min

Lab File: BF135258.D

Acq: 14 Sep 2023 17:21

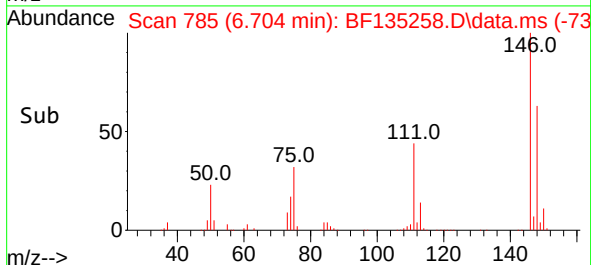
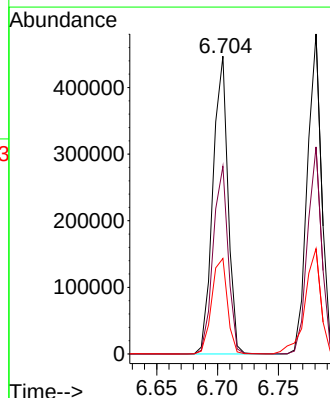
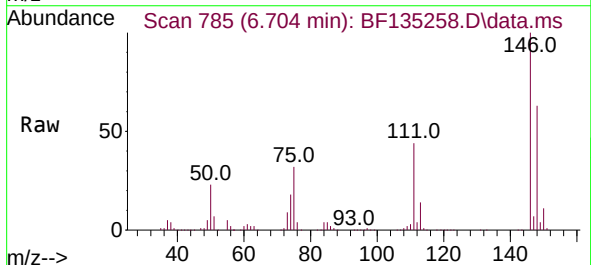
Tgt Ion:146 Resp: 383146

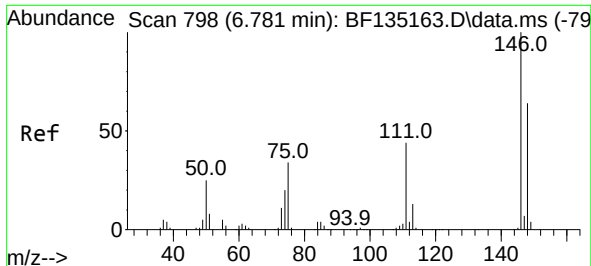
Ion Ratio Lower Upper

146 100

148 63.0 51.3 76.9

75 32.1 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 41.142 ng

RT: 6.781 min Scan# 798

Delta R.T. 0.000 min

Lab File: BF135258.D

Acq: 14 Sep 2023 17:21

Instrument :

BNA_F

ClientSampleId :

MW-4-6MS

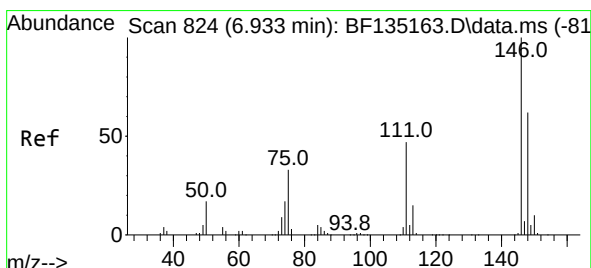
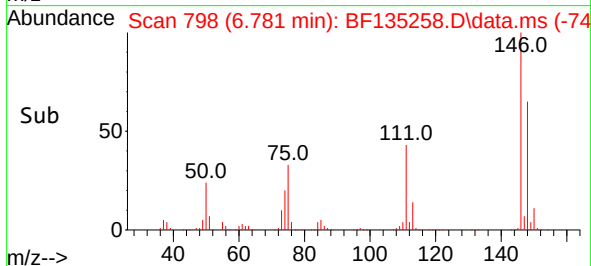
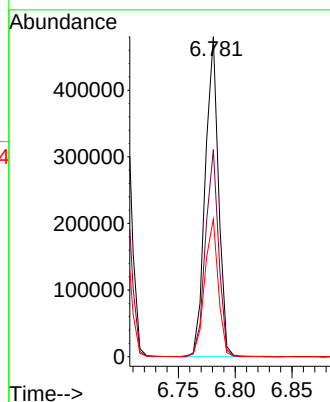
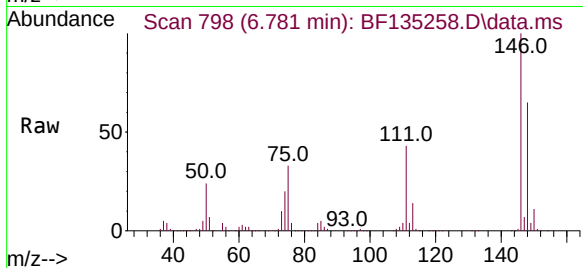
Tgt Ion:146 Resp: 389434

Ion Ratio Lower Upper

146 100

148 64.7 51.3 76.9

111 43.0 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 41.693 ng

RT: 6.928 min Scan# 823

Delta R.T. -0.006 min

Lab File: BF135258.D

Acq: 14 Sep 2023 17:21

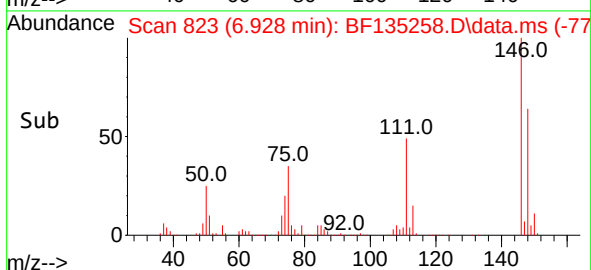
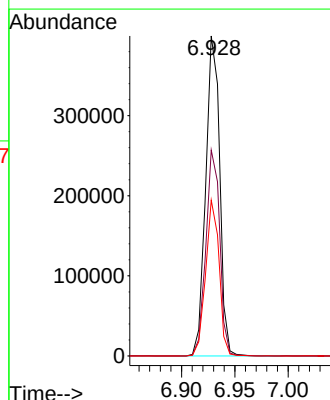
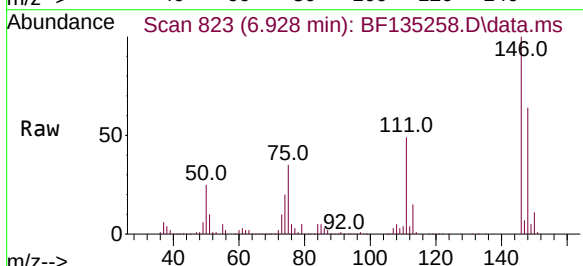
Tgt Ion:146 Resp: 366494

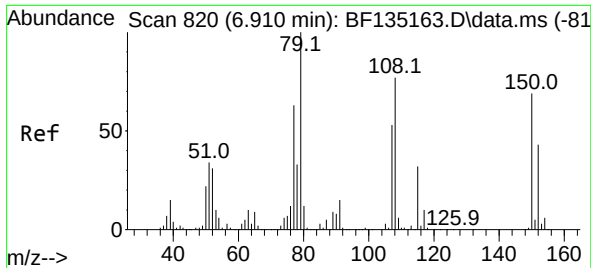
Ion Ratio Lower Upper

146 100

148 64.4 49.7 74.5

111 48.7 37.4 56.2

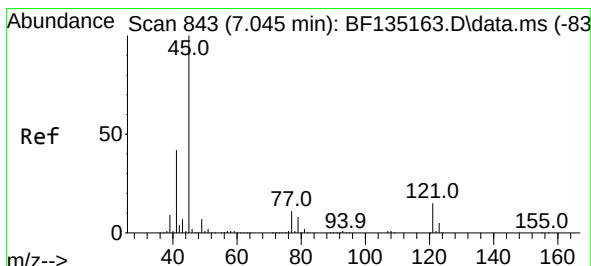
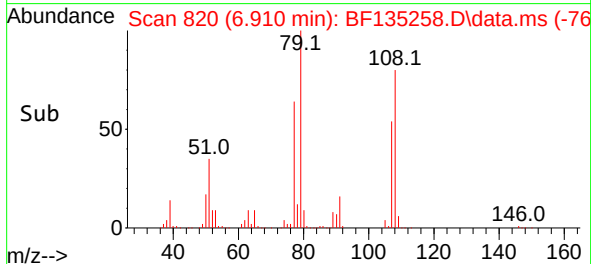
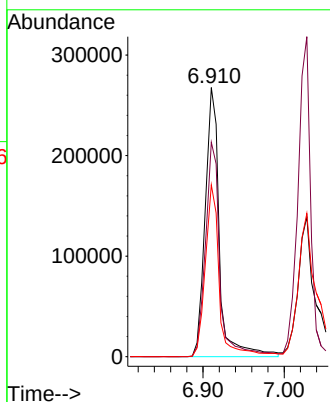
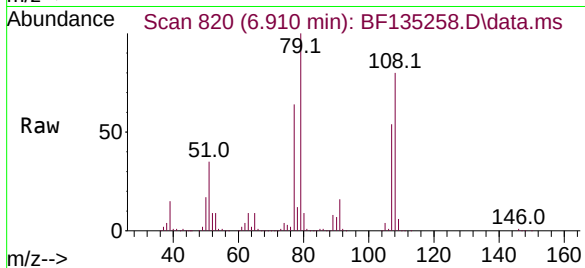




#15
Benzyl Alcohol
Concen: 41.585 ng
RT: 6.910 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135258.D
Acq: 14 Sep 2023 17:21

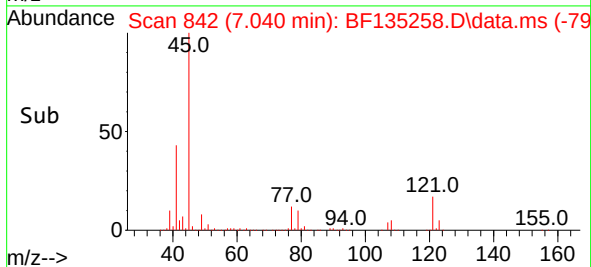
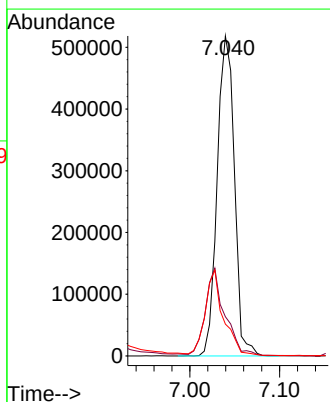
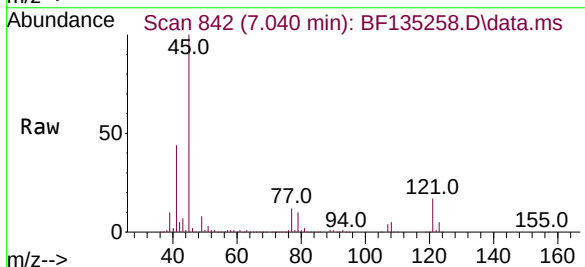
Instrument :
BNA_F
ClientSampleId :
MW-4-6MS

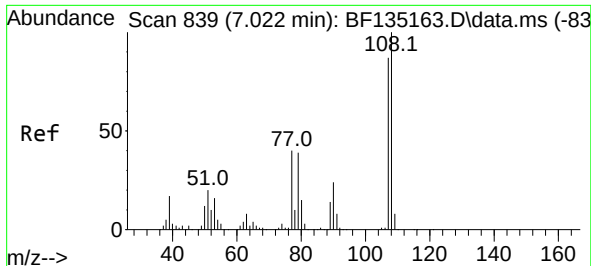
Tgt Ion: 79 Resp: 325404
Ion Ratio Lower Upper
79 100
108 79.7 61.2 91.8
77 63.9 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.810 ng
RT: 7.040 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF135258.D
Acq: 14 Sep 2023 17:21

Tgt Ion: 45 Resp: 689949
Ion Ratio Lower Upper
45 100
77 12.3 0.0 30.6
79 9.9 0.0 28.3



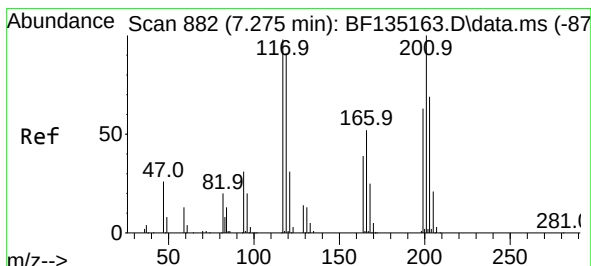
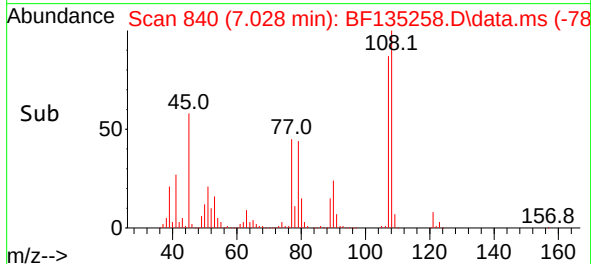
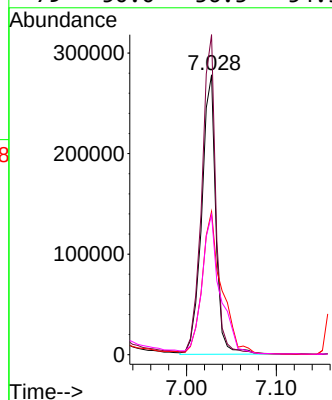
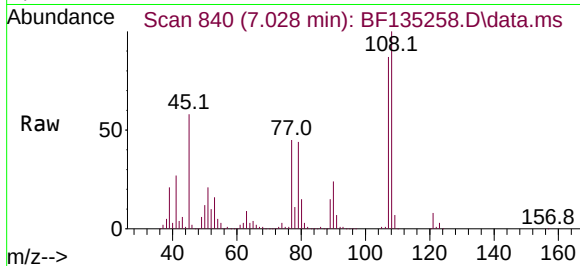


#17
2-Methylphenol
Concen: 37.795 ng
RT: 7.028 min Scan# 841
Delta R.T. 0.006 min
Lab File: BF135258.D
Acq: 14 Sep 2023 17:21

Instrument :
BNA_F
ClientSampleId :
MW-4-6MS

Tgt Ion:107 Resp: 305331

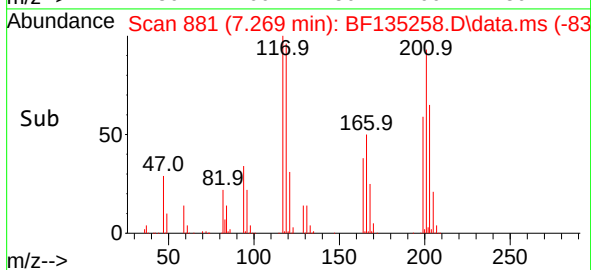
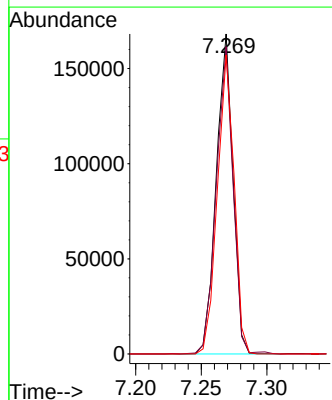
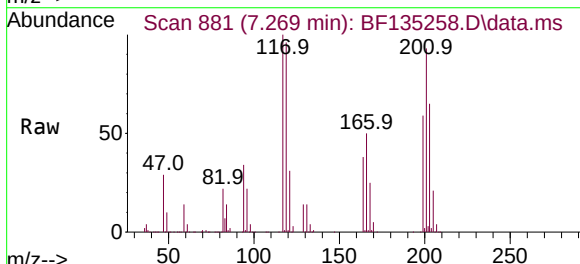
Ion	Ratio	Lower	Upper
107	100		
108	114.3	92.0	138.0
77	51.2	36.7	55.1
79	50.0	36.3	54.5

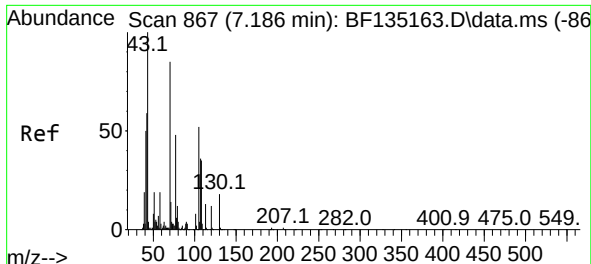


#18
Hexachloroethane
Concen: 42.516 ng
RT: 7.269 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF135258.D
Acq: 14 Sep 2023 17:21

Tgt Ion:117 Resp: 148698

Ion	Ratio	Lower	Upper
117	100		
119	96.0	74.7	112.1
201	93.5	81.8	122.8

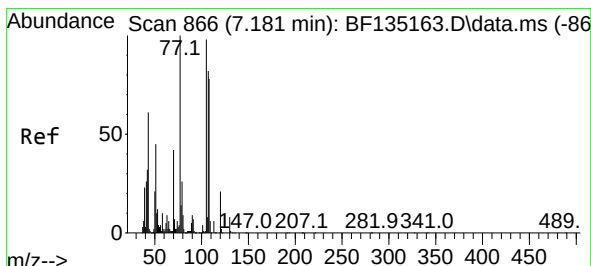
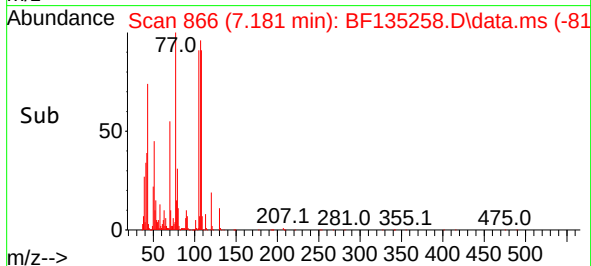
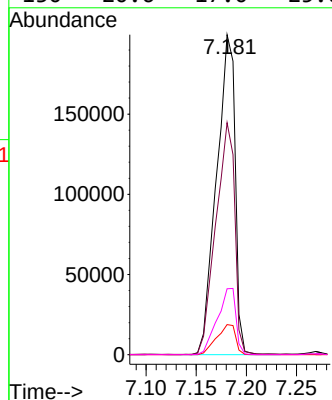
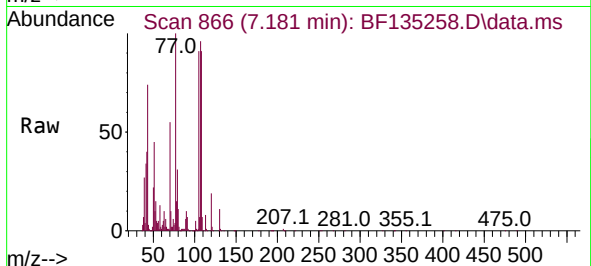




#19
n-Nitroso-di-n-propylamine
Concen: 38.178 ng
RT: 7.181 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF135258.D
Acq: 14 Sep 2023 17:21

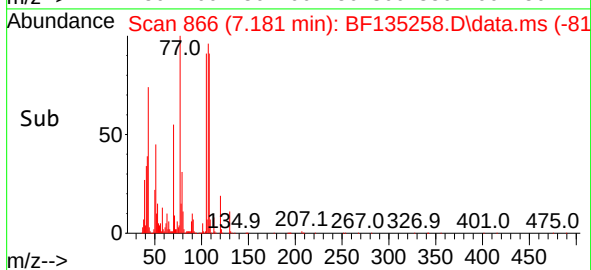
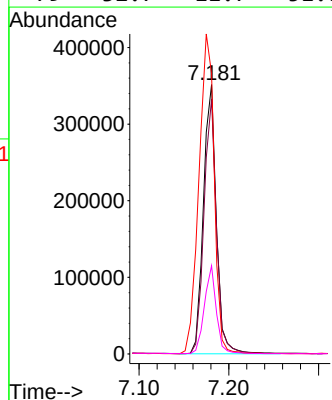
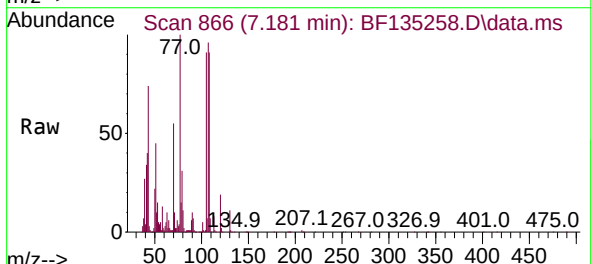
Instrument :
BNA_F
ClientSampleId :
MW-4-6MS

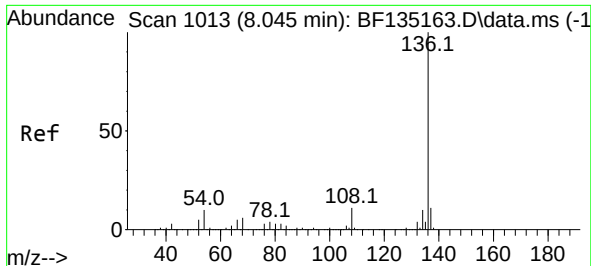
Tgt Ion: 70 Resp: 257864
Ion Ratio Lower Upper
70 100
42 72.5 55.4 83.0
101 9.4 7.7 11.5
130 20.6 17.0 25.6



#20
3+4-Methylphenols
Concen: 36.265 ng
RT: 7.181 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF135258.D
Acq: 14 Sep 2023 17:21

Tgt Ion: 107 Resp: 352289
Ion Ratio Lower Upper
107 100
108 94.8 74.7 114.7
77 104.1 102.0 142.0
79 32.7 11.7 51.7

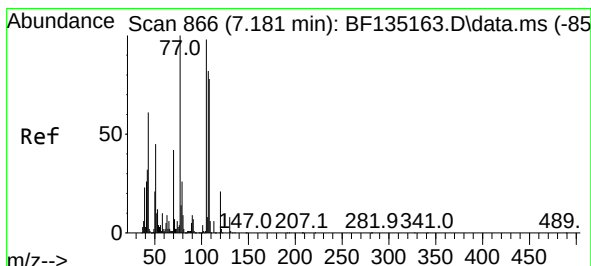
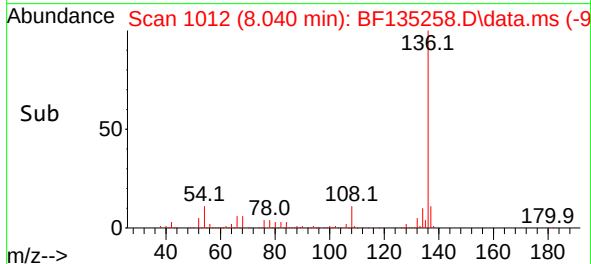
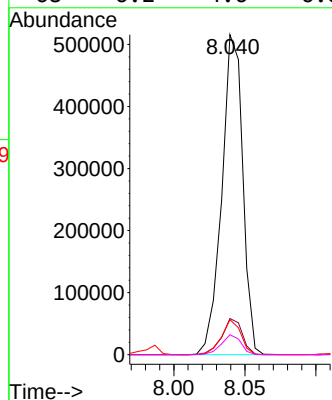
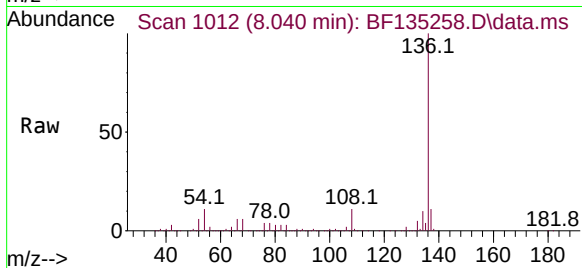




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.040 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135258.D
Acq: 14 Sep 2023 17:21

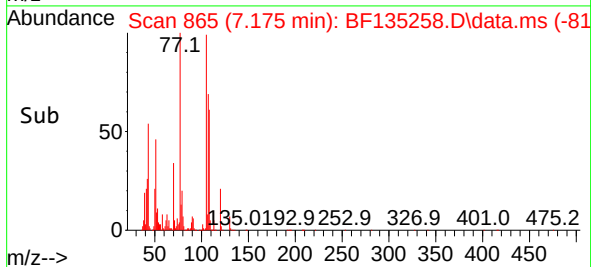
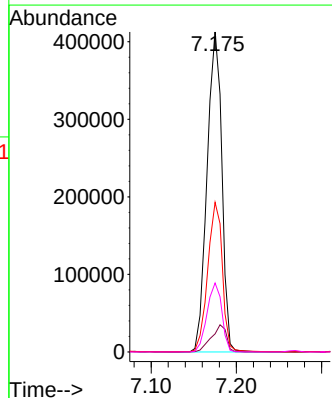
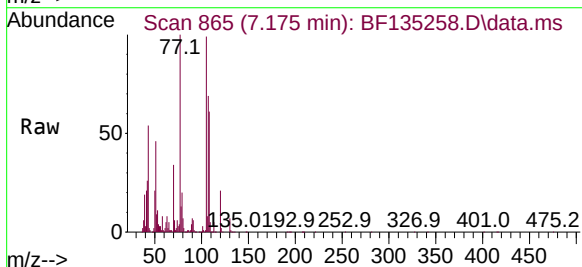
Instrument :
BNA_F
ClientSampleId :
MW-4-6MS

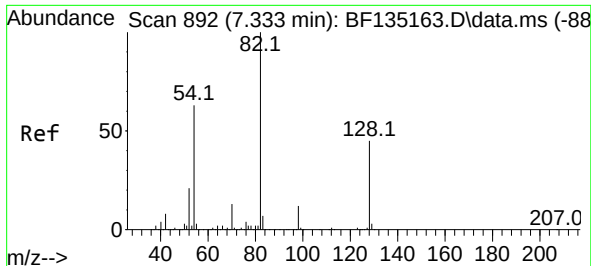
Tgt	Ion:136	Resp:	528222
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	11.0	7.7	11.5
68	6.2	4.6	6.8



#22
Acetophenone
Concen: 41.121 ng
RT: 7.175 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF135258.D
Acq: 14 Sep 2023 17:21

Tgt Ion:105	Resp: 496597
Ion Ratio	Lower Upper
105 100	
71 5.6	5.8 8.6#
51 46.8	37.0 55.4
120 21.6	17.0 25.6





#23

Nitrobenzene-d5

Concen: 64.180 ng

RT: 7.328 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF135258.D

Acq: 14 Sep 2023 17:21

Instrument :

BNA_F

ClientSampleId :

MW-4-6MS

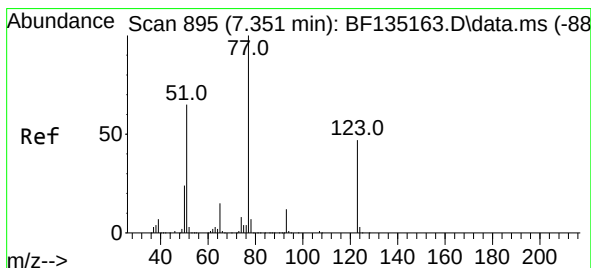
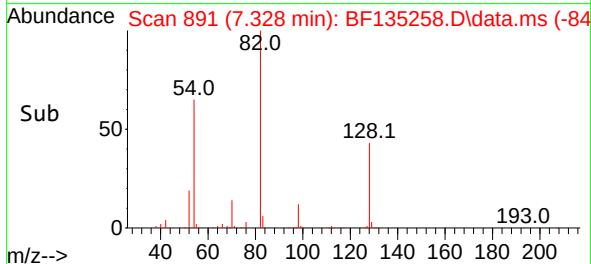
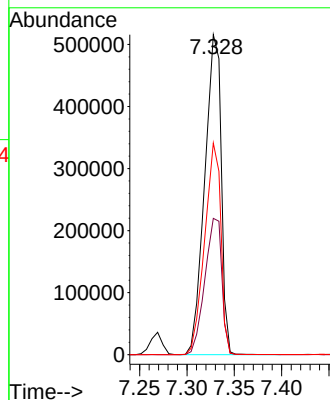
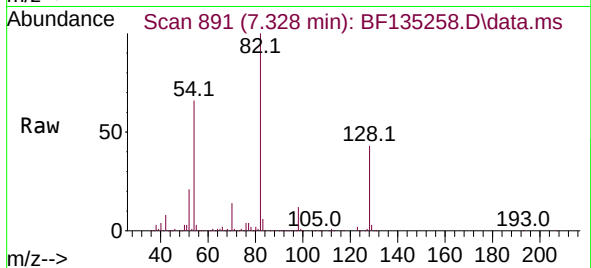
Tgt Ion: 82 Resp: 623996

Ion Ratio Lower Upper

82 100

128 42.6 35.8 53.6

54 66.1 50.6 76.0



#24

Nitrobenzene

Concen: 41.849 ng

RT: 7.351 min Scan# 895

Delta R.T. 0.000 min

Lab File: BF135258.D

Acq: 14 Sep 2023 17:21

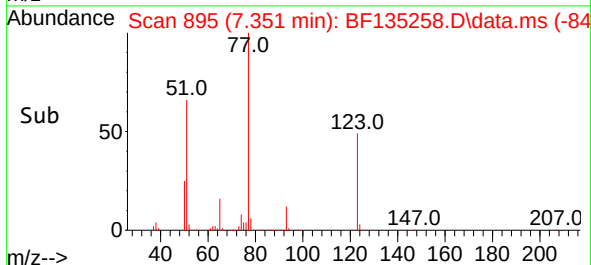
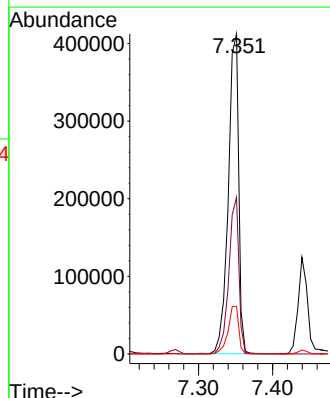
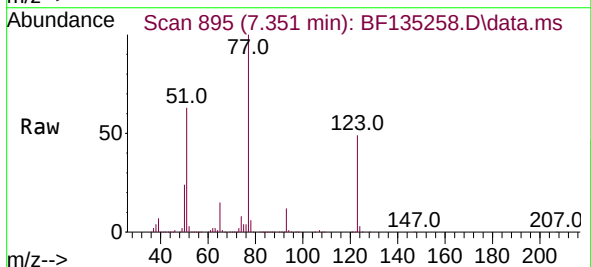
Tgt Ion: 77 Resp: 402158

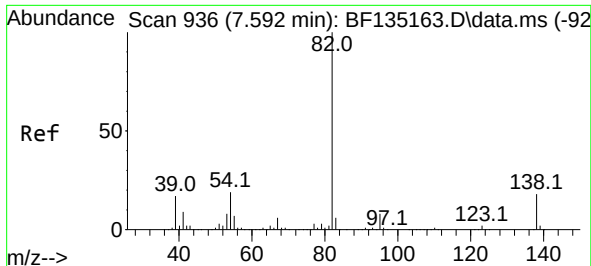
Ion Ratio Lower Upper

77 100

123 49.0 37.6 56.4

65 14.9 12.2 18.4

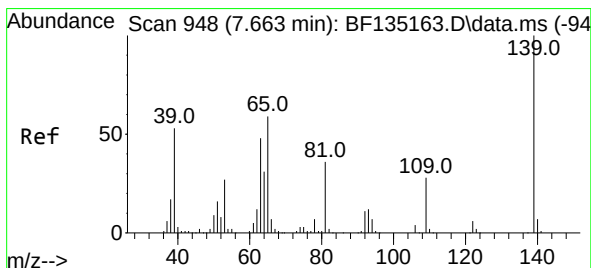
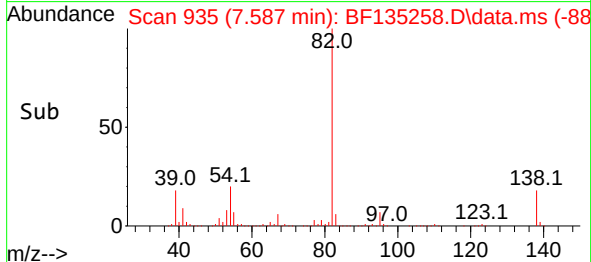
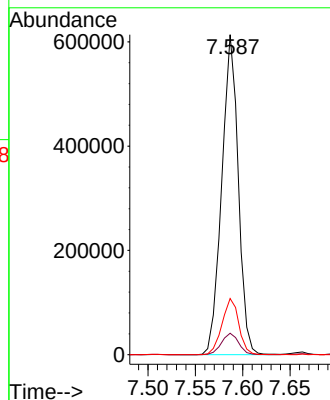
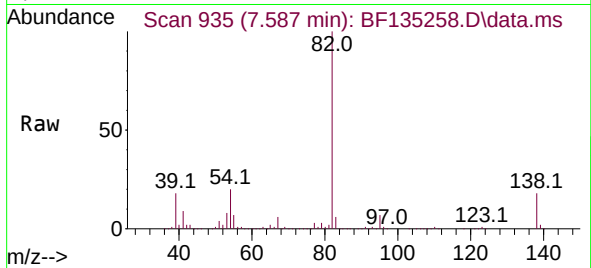




#25
Isophorone
Concen: 41.831 ng
RT: 7.587 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF135258.D
Acq: 14 Sep 2023 17:21

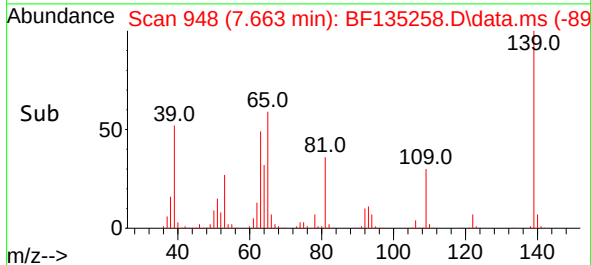
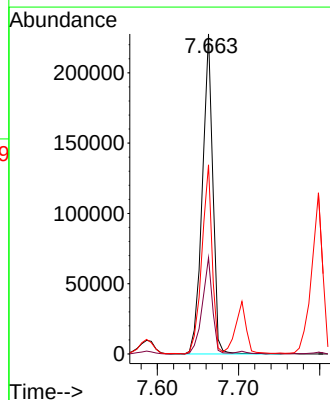
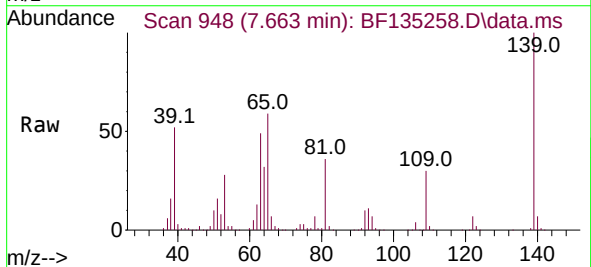
Instrument :
BNA_F
ClientSampleId :
MW-4-6MS

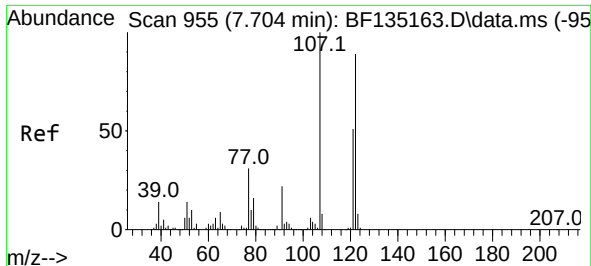
Tgt Ion: 82 Resp: 746809
Ion Ratio Lower Upper
82 100
95 6.7 6.0 9.0
138 17.5 14.5 21.7



#26
2-Nitrophenol
Concen: 44.641 ng
RT: 7.663 min Scan# 948
Delta R.T. 0.000 min
Lab File: BF135258.D
Acq: 14 Sep 2023 17:21

Tgt Ion: 139 Resp: 205893
Ion Ratio Lower Upper
139 100
109 30.1 22.6 33.8
65 59.1 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 39.686 ng

RT: 7.704 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF135258.D

Acq: 14 Sep 2023 17:21

Instrument :

BNA_F

ClientSampleId :

MW-4-6MS

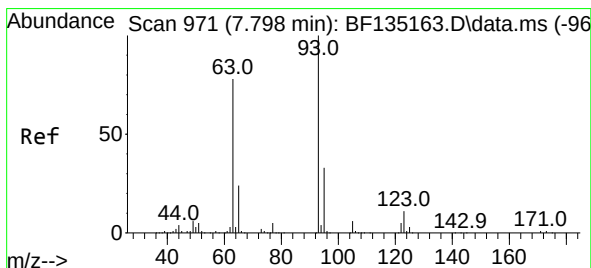
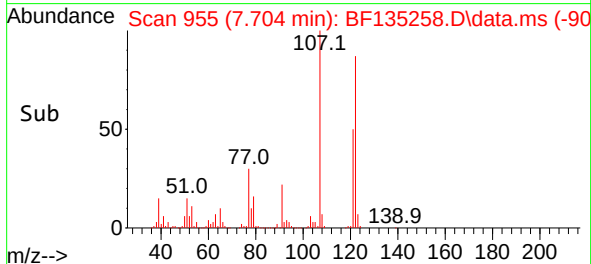
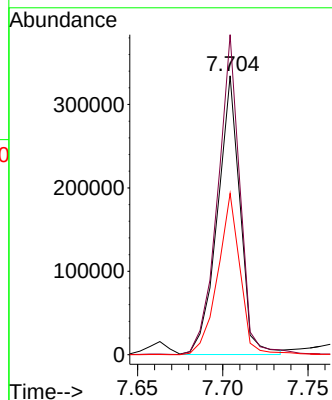
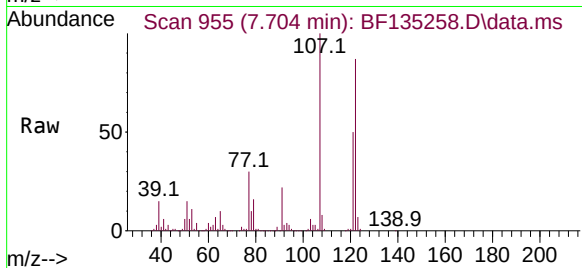
Tgt Ion:122 Resp: 307665

Ion Ratio Lower Upper

122 100

107 114.8 90.2 135.4

121 57.8 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 42.436 ng

RT: 7.798 min Scan# 971

Delta R.T. 0.000 min

Lab File: BF135258.D

Acq: 14 Sep 2023 17:21

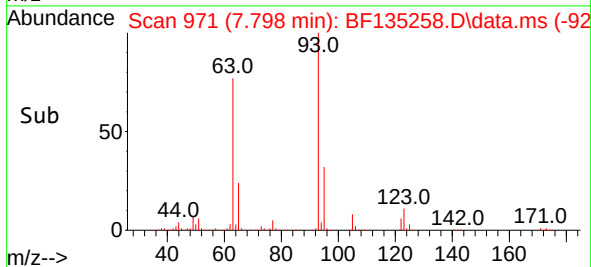
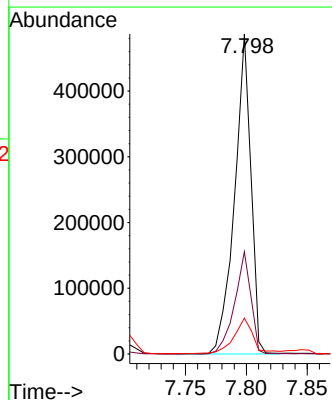
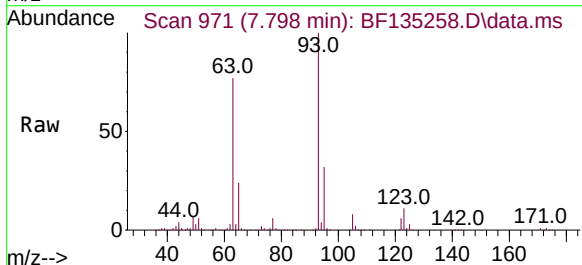
Tgt Ion: 93 Resp: 453459

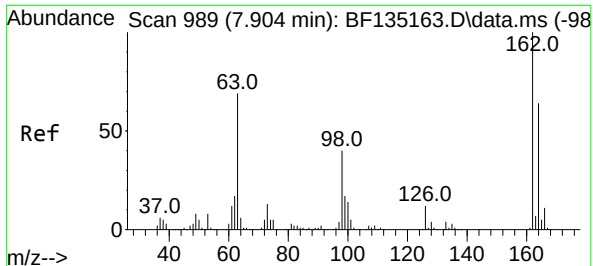
Ion Ratio Lower Upper

93 100

95 32.0 26.2 39.2

123 11.2 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 42.361 ng

RT: 7.904 min Scan# 989

Delta R.T. 0.000 min

Lab File: BF135258.D

Acq: 14 Sep 2023 17:21

Instrument :

BNA_F

ClientSampleId :

MW-4-6MS

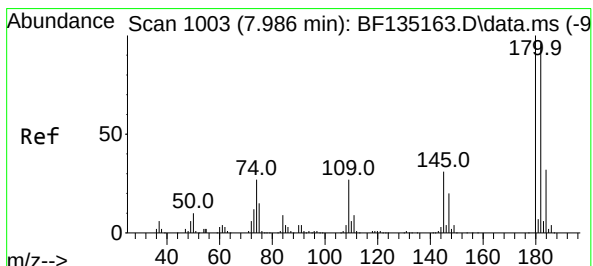
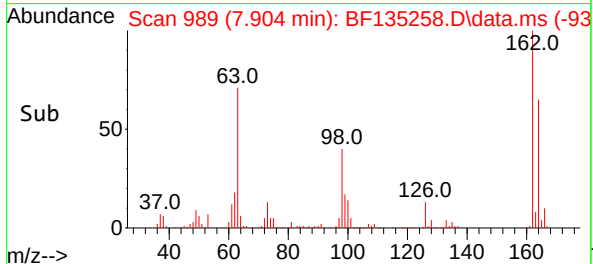
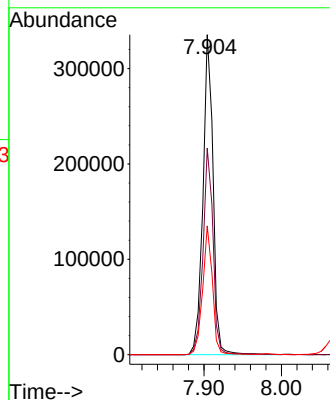
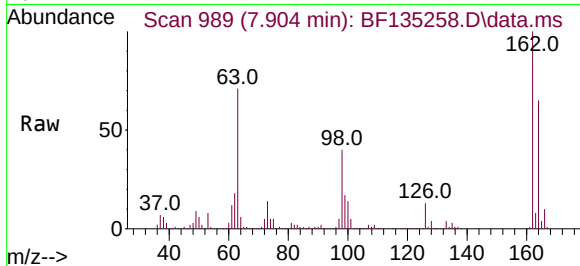
Tgt Ion:162 Resp: 304308

Ion Ratio Lower Upper

162 100

164 64.6 44.1 84.1

98 40.3 20.3 60.3



#30

1,2,4-Trichlorobenzene

Concen: 43.972 ng

RT: 7.987 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BF135258.D

Acq: 14 Sep 2023 17:21

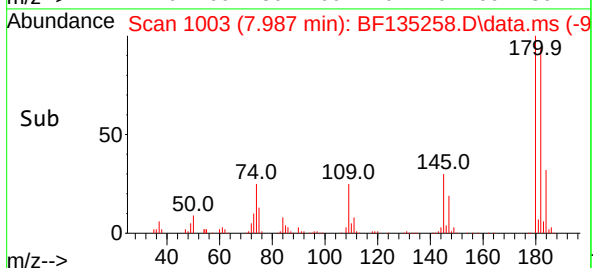
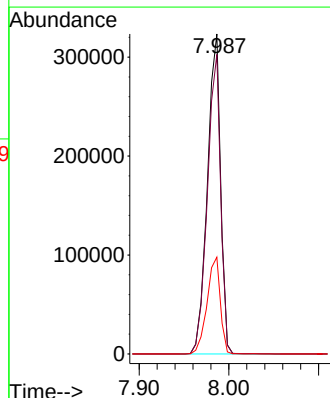
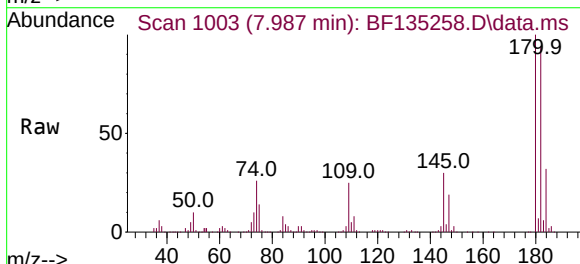
Tgt Ion:180 Resp: 330167

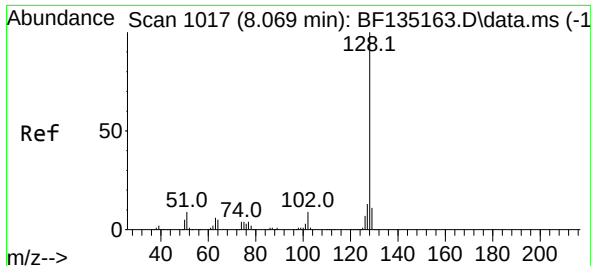
Ion Ratio Lower Upper

180 100

182 93.6 76.9 115.3

145 30.3 24.5 36.7

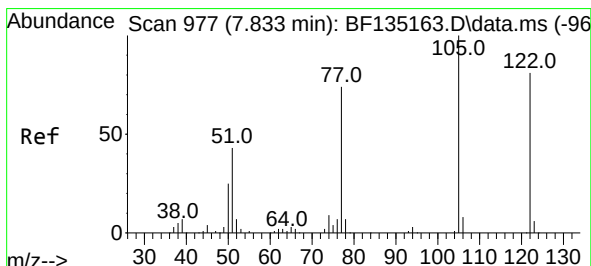
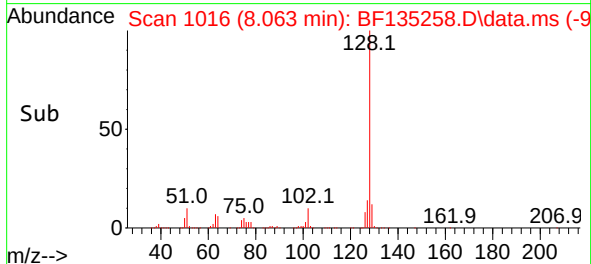
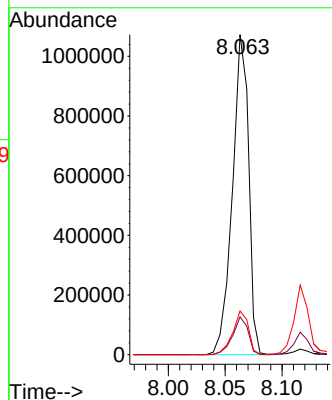
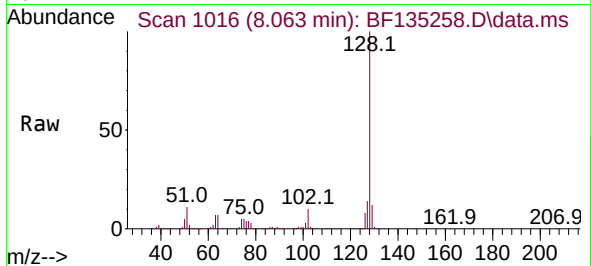




#31
Naphthalene
Concen: 41.449 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF135258.D
Acq: 14 Sep 2023 17:21

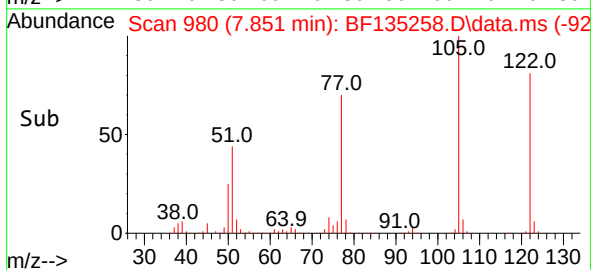
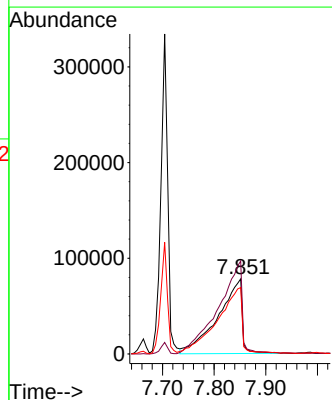
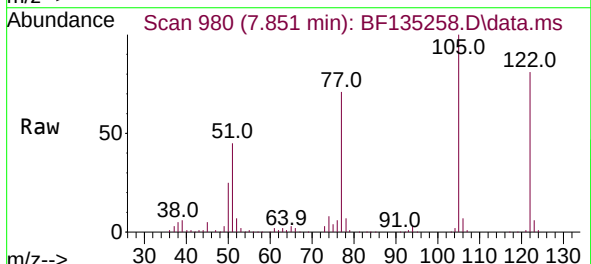
Instrument :
BNA_F
ClientSampleId :
MW-4-6MS

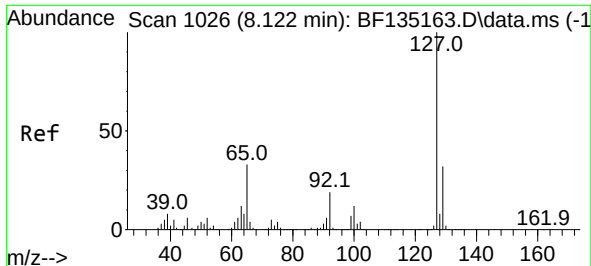
Tgt Ion:128 Resp: 1063774
Ion Ratio Lower Upper
128 100
129 11.8 8.7 13.1
127 13.6 10.7 16.1



#32
Benzoic acid
Concen: 43.342 ng
RT: 7.851 min Scan# 980
Delta R.T. 0.018 min
Lab File: BF135258.D
Acq: 14 Sep 2023 17:21

Tgt Ion:122 Resp: 253018
Ion Ratio Lower Upper
122 100
105 123.9 99.9 139.9
77 88.6 70.0 110.0

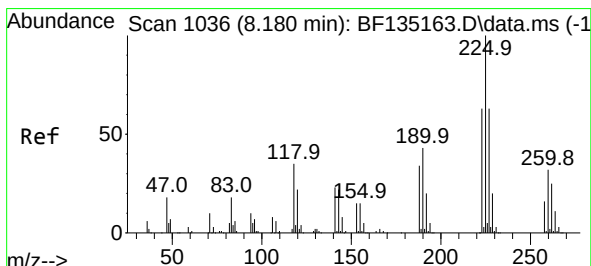
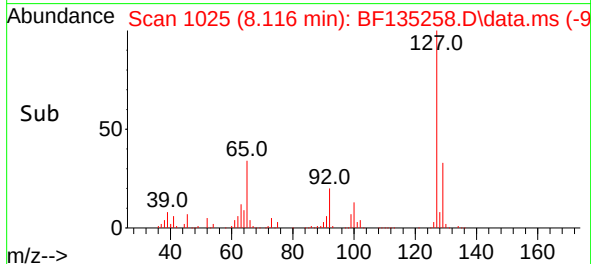
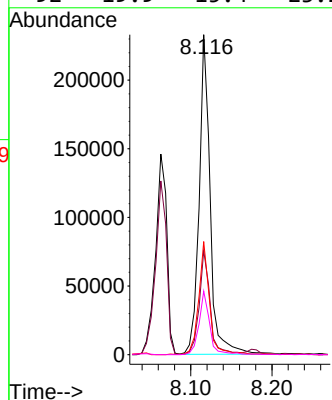
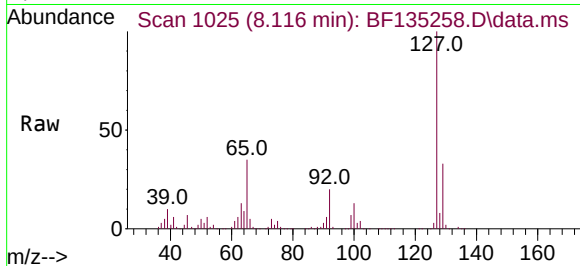




#33
4-Chloroaniline
Concen: 19.602 ng
RT: 8.116 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF135258.D
Acq: 14 Sep 2023 17:21

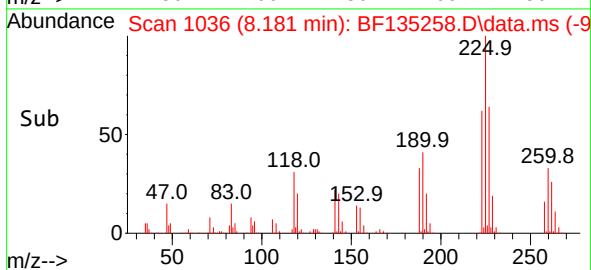
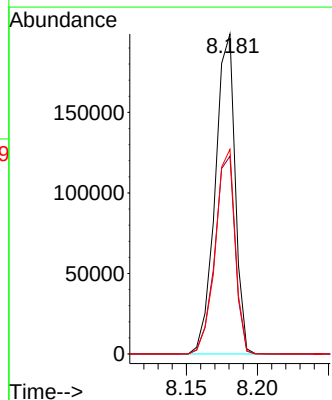
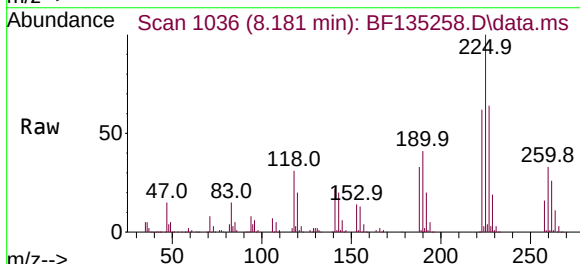
Instrument :
BNA_F
ClientSampleId :
MW-4-6MS

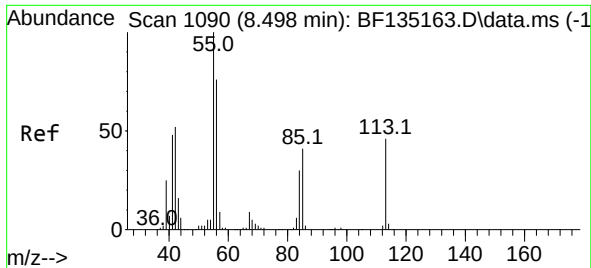
Tgt Ion:	127	Resp:	220724
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.8	38.8
65	35.4	26.6	39.8
92	19.9	15.4	23.2



#34
Hexachlorobutadiene
Concen: 42.816 ng
RT: 8.181 min Scan# 1036
Delta R.T. 0.000 min
Lab File: BF135258.D
Acq: 14 Sep 2023 17:21

Tgt Ion:	225	Resp:	193847
Ion	Ratio	Lower	Upper
225	100		
223	61.8	50.6	75.8
227	64.0	50.8	76.2

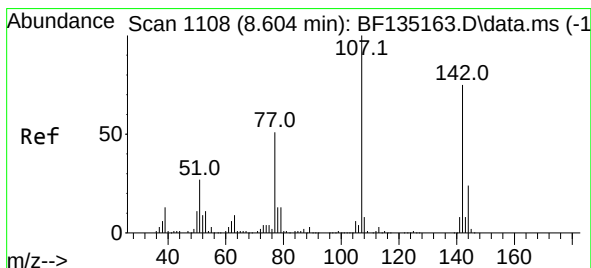
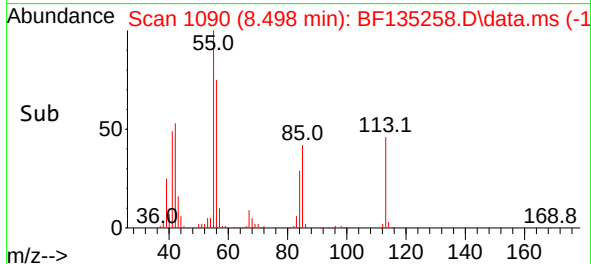
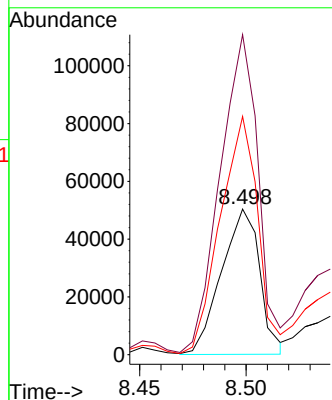
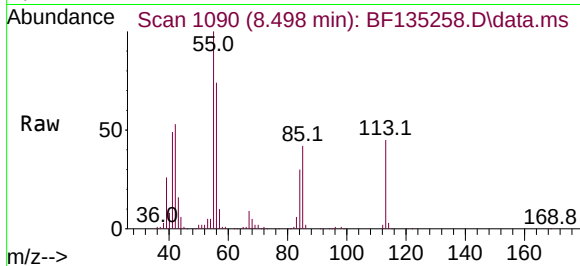




#35
 Caprolactam
 Concen: 26.159 ng
 RT: 8.498 min Scan# 1109
 Delta R.T. 0.000 min
 Lab File: BF135258.D
 Acq: 14 Sep 2023 17:21

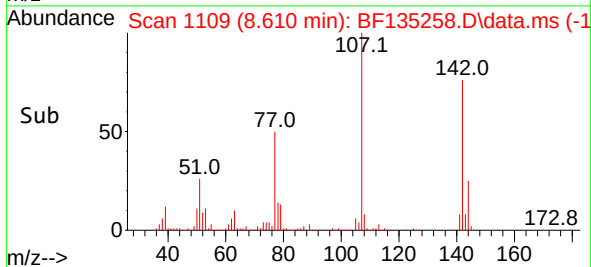
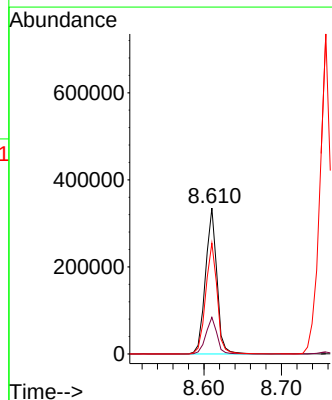
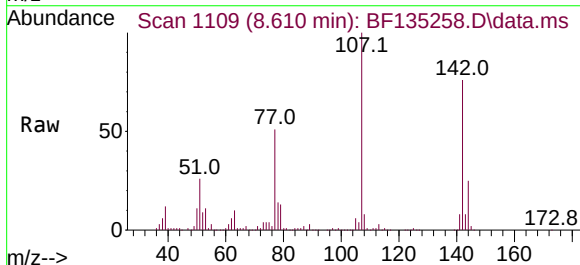
Instrument :
 BNA_F
 ClientSampleId :
 MW-4-6MS

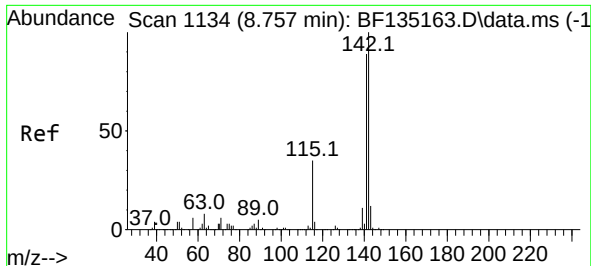
Tgt Ion:113 Resp: 63068
 Ion Ratio Lower Upper
 113 100
 55 219.9 199.3 239.3
 56 163.7 146.3 186.3



#36
 4-Chloro-3-methylphenol
 Concen: 42.903 ng
 RT: 8.610 min Scan# 1109
 Delta R.T. 0.006 min
 Lab File: BF135258.D
 Acq: 14 Sep 2023 17:21

Tgt Ion:107 Resp: 342541
 Ion Ratio Lower Upper
 107 100
 144 25.1 19.0 28.4
 142 76.0 60.2 90.2





#37

2-Methylnaphthalene

Concen: 39.605 ng

RT: 8.757 min Scan# 1134

Delta R.T. 0.000 min

Lab File: BF135258.D

Acq: 14 Sep 2023 17:21

Instrument :

BNA_F

ClientSampleId :

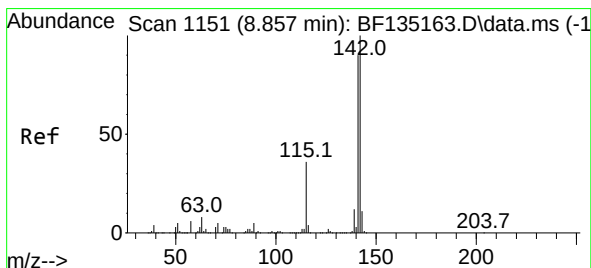
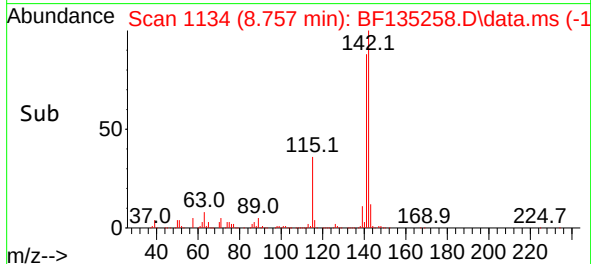
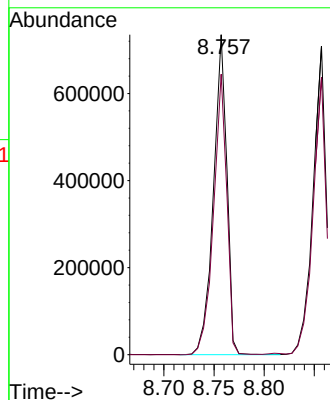
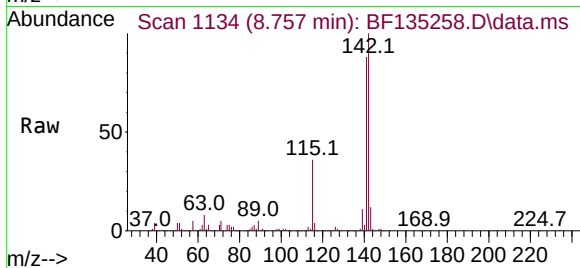
MW-4-6MS

Tgt Ion:142 Resp: 683254

Ion Ratio Lower Upper

142 100

141 87.6 71.0 106.6



#38

1-Methylnaphthalene

Concen: 39.673 ng

RT: 8.857 min Scan# 1151

Delta R.T. 0.000 min

Lab File: BF135258.D

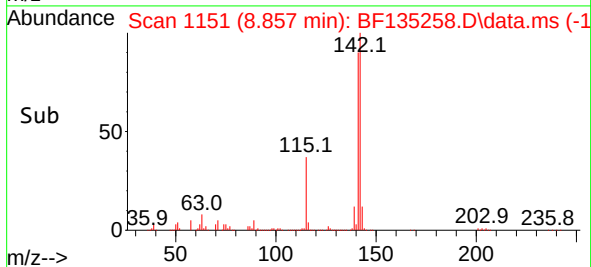
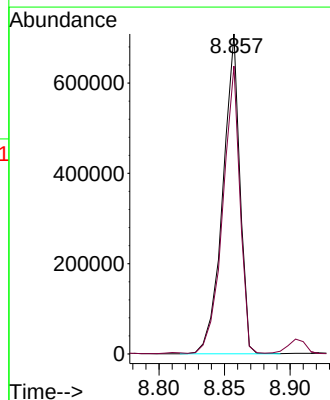
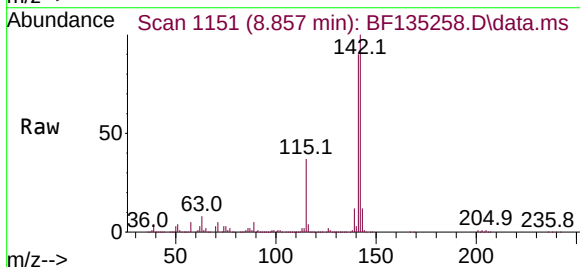
Acq: 14 Sep 2023 17:21

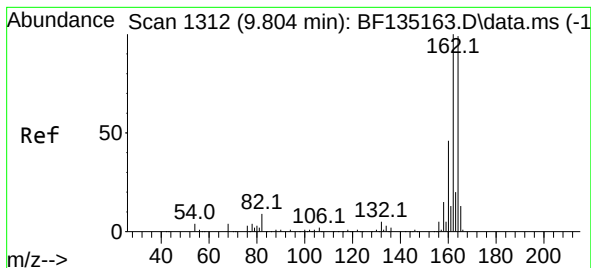
Tgt Ion:142 Resp: 640781

Ion Ratio Lower Upper

142 100

141 89.9 72.4 108.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.804 min Scan# 1162

Delta R.T. 0.000 min

Lab File: BF135258.D

Acq: 14 Sep 2023 17:21

Instrument :

BNA_F

ClientSampleId :

MW-4-6MS

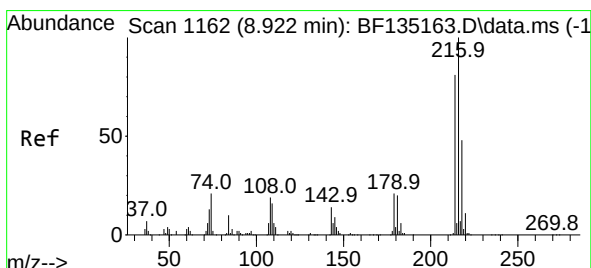
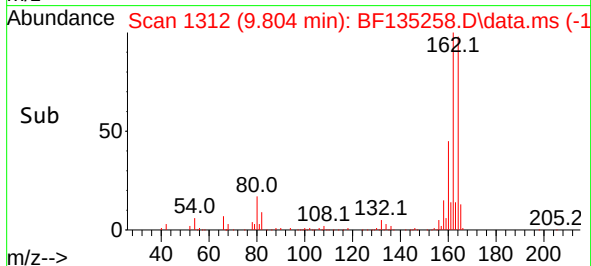
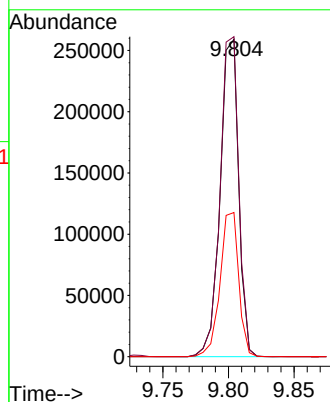
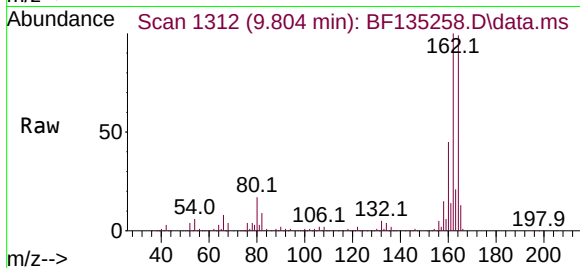
Tgt Ion:164 Resp: 253892

Ion Ratio Lower Upper

164 100

162 100.8 81.0 121.4

160 45.4 37.0 55.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.887 ng

RT: 8.922 min Scan# 1162

Delta R.T. 0.000 min

Lab File: BF135258.D

Acq: 14 Sep 2023 17:21

Tgt Ion:216 Resp: 322808

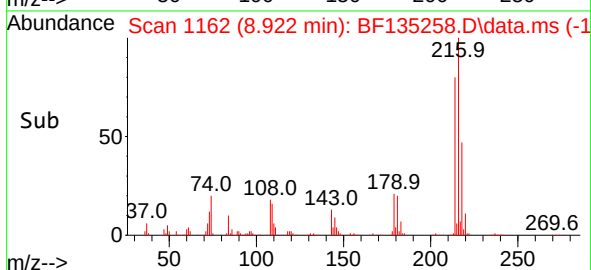
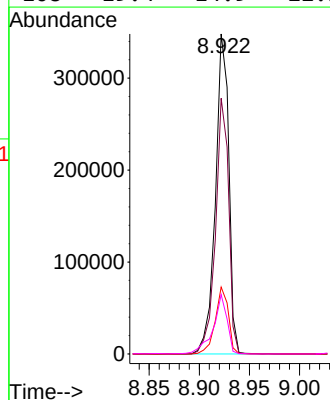
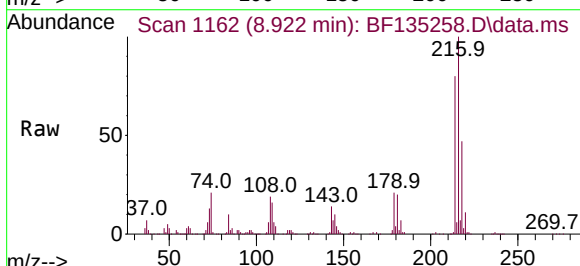
Ion Ratio Lower Upper

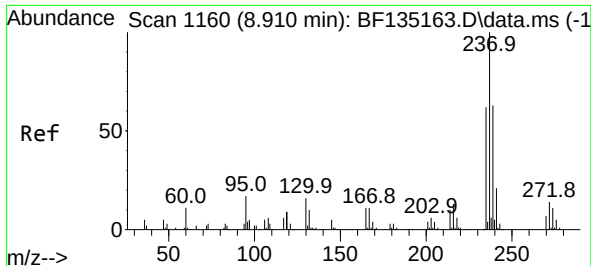
216 100

214 78.4 63.7 95.5

179 20.5 16.7 25.1

108 19.4 14.9 22.3

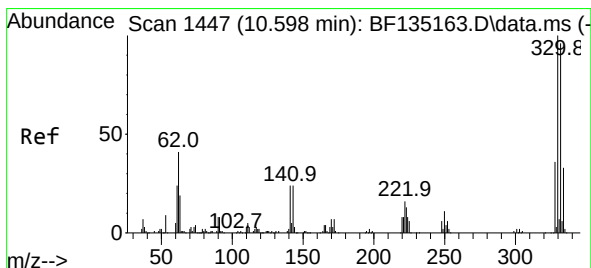
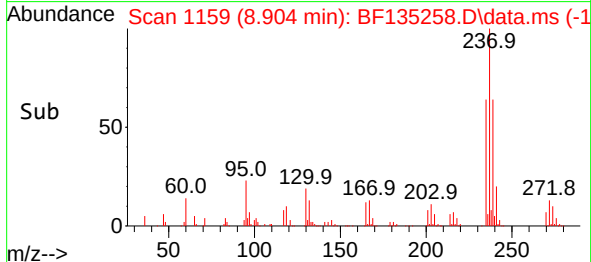
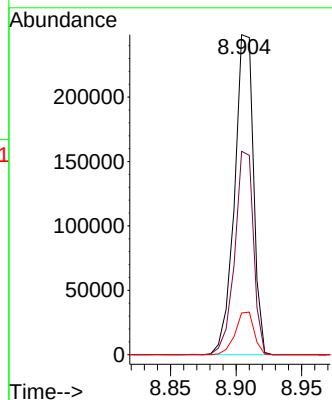
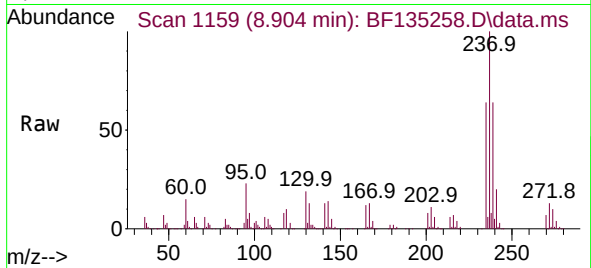




#41
Hexachlorocyclopentadiene
Concen: 77.615 ng
RT: 8.904 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BF135258.D
Acq: 14 Sep 2023 17:21

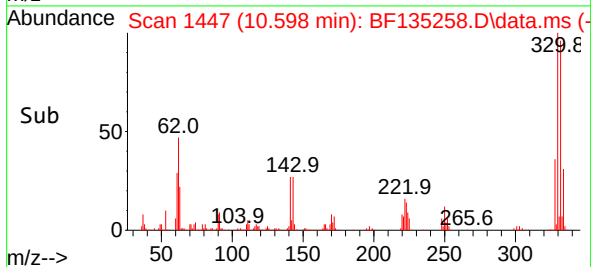
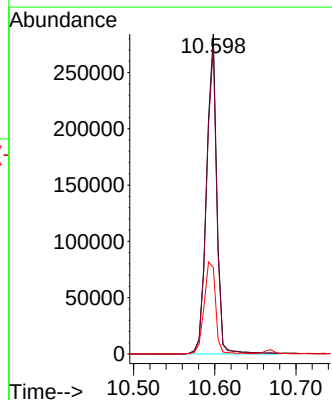
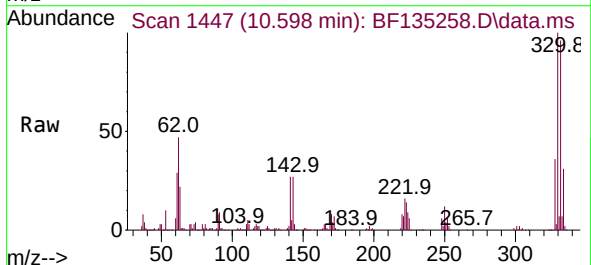
Instrument :
BNA_F
ClientSampleId :
MW-4-6MS

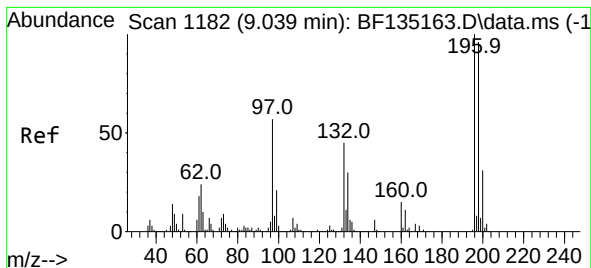
Tgt Ion:237 Resp: 250766
Ion Ratio Lower Upper
237 100
235 63.6 41.8 81.8
272 13.1 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 98.734 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF135258.D
Acq: 14 Sep 2023 17:21

Tgt Ion:330 Resp: 249114
Ion Ratio Lower Upper
330 100
332 96.0 77.3 115.9
141 32.4 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 44.998 ng

RT: 9.039 min Scan# 1182

Delta R.T. 0.000 min

Lab File: BF135258.D

Acq: 14 Sep 2023 17:21

Instrument :

BNA_F

ClientSampleId :

MW-4-6MS

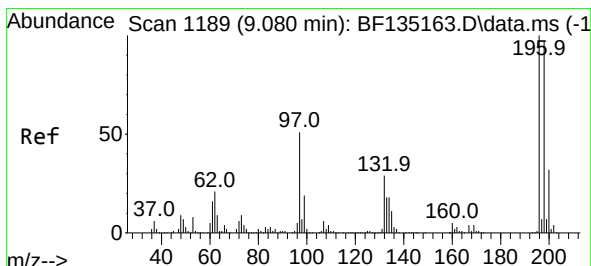
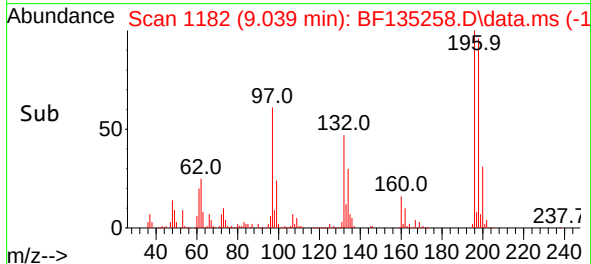
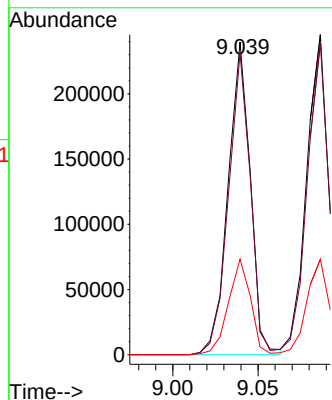
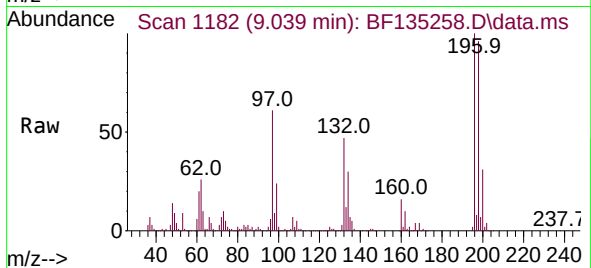
Tgt Ion:196 Resp: 216709

Ion Ratio Lower Upper

196 100

198 96.4 77.0 115.6

200 30.6 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 41.689 ng

RT: 9.087 min Scan# 1190

Delta R.T. 0.006 min

Lab File: BF135258.D

Acq: 14 Sep 2023 17:21

Tgt Ion:196 Resp: 231209

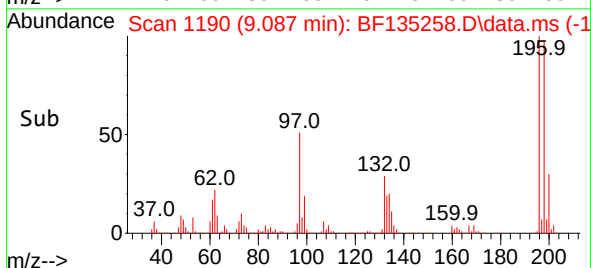
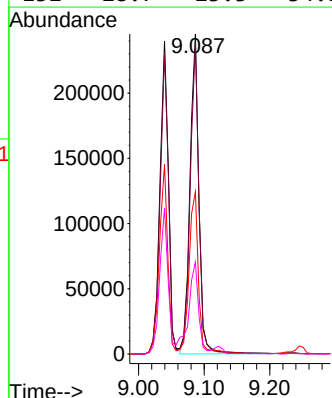
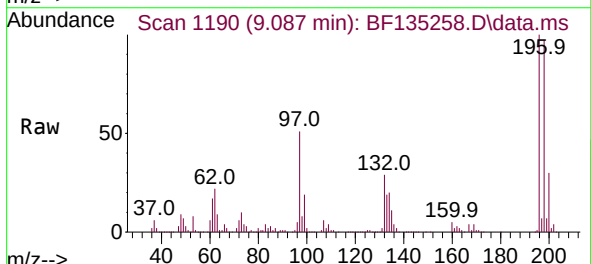
Ion Ratio Lower Upper

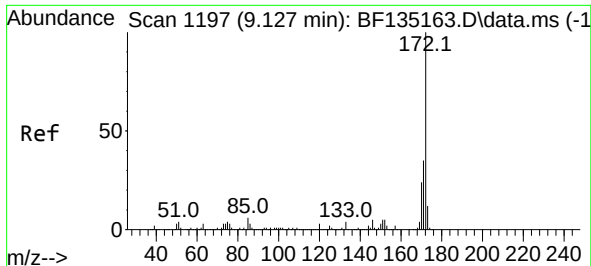
196 100

198 97.2 77.5 116.3

97 50.7 40.5 60.7

132 28.7 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 64.805 ng

RT: 9.122 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF135258.D

Acq: 14 Sep 2023 17:21

Instrument :

BNA_F

ClientSampleId :

MW-4-6MS

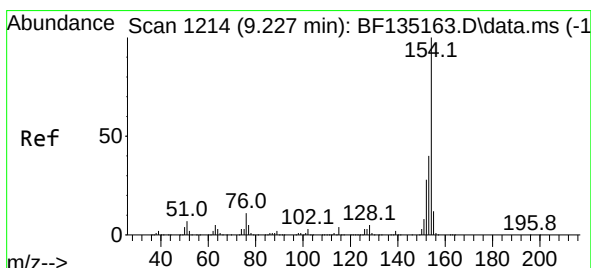
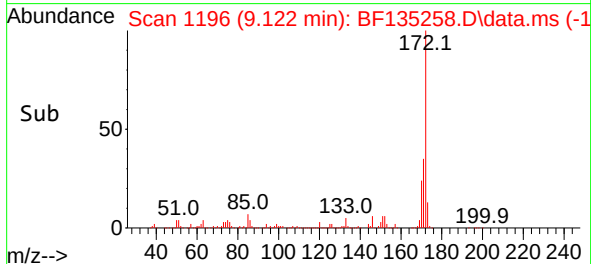
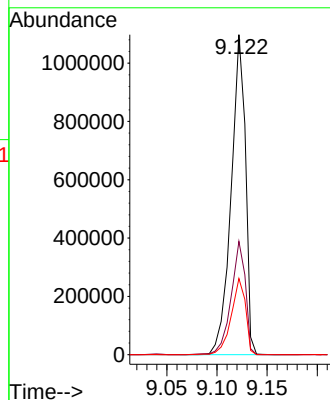
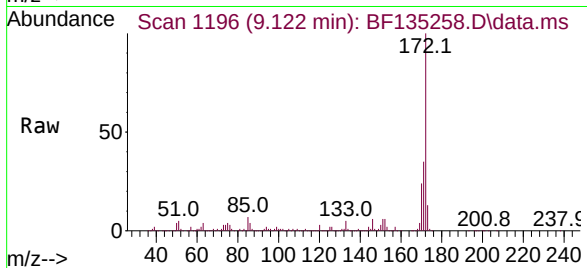
Tgt Ion:172 Resp: 1090561

Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.8 19.0 28.4



#46

1,1'-Biphenyl

Concen: 43.079 ng

RT: 9.222 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF135258.D

Acq: 14 Sep 2023 17:21

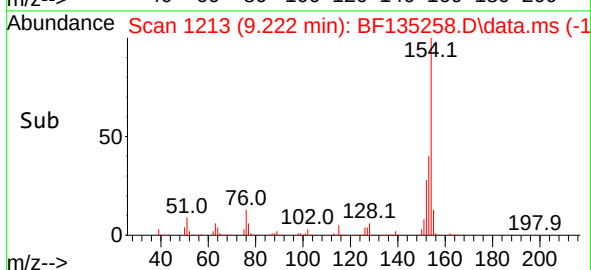
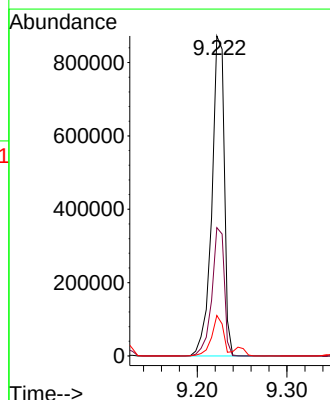
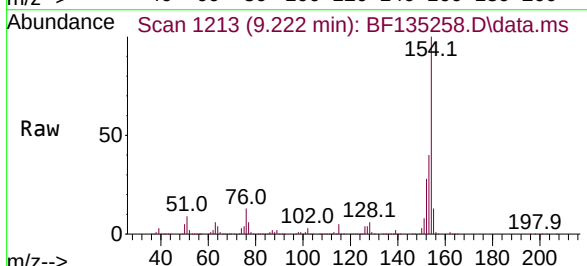
Tgt Ion:154 Resp: 840523

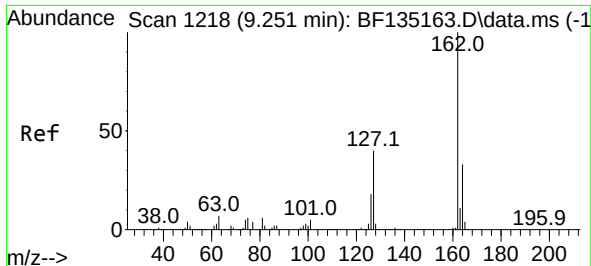
Ion Ratio Lower Upper

154 100

153 40.1 19.6 59.6

76 12.7 0.0 31.0

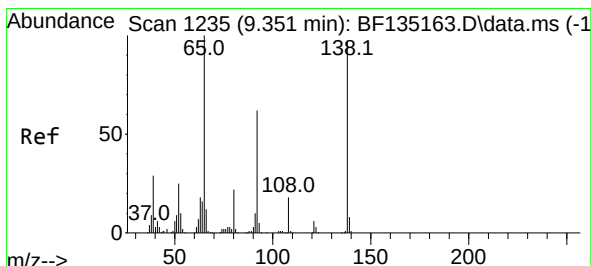
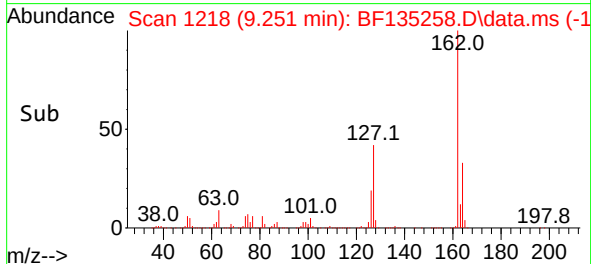
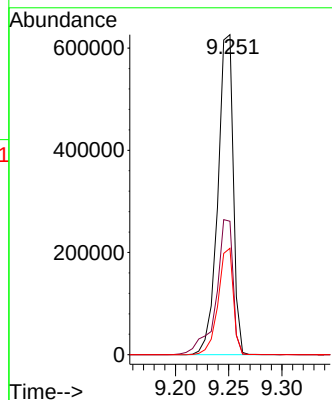
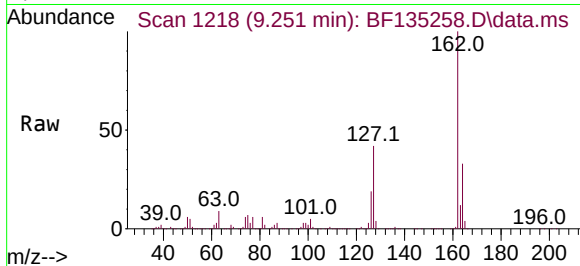




#47
2-Chloronaphthalene
Concen: 44.463 ng
RT: 9.251 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF135258.D
Acq: 14 Sep 2023 17:21

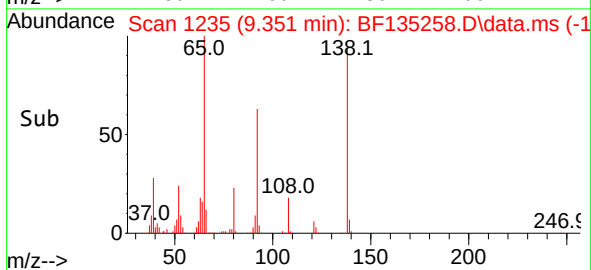
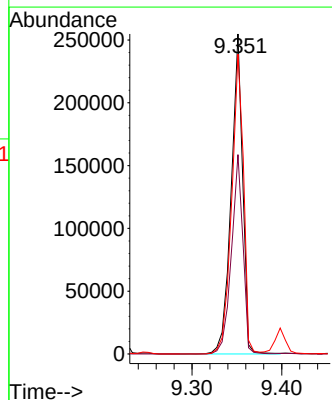
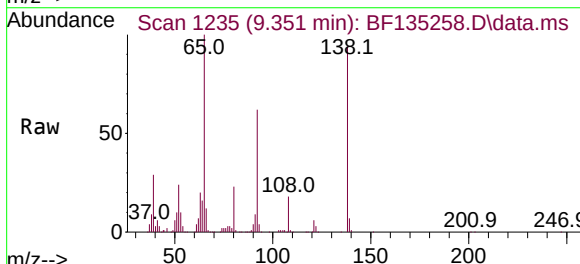
Instrument :
BNA_F
ClientSampleId :
MW-4-6MS

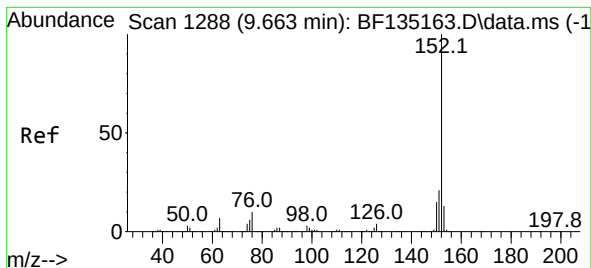
Tgt Ion:162 Resp: 629445
Ion Ratio Lower Upper
162 100
127 41.7 32.6 48.8
164 33.3 26.2 39.2



#48
2-Nitroaniline
Concen: 41.163 ng
RT: 9.351 min Scan# 1235
Delta R.T. 0.000 min
Lab File: BF135258.D
Acq: 14 Sep 2023 17:21

Tgt Ion: 65 Resp: 226385
Ion Ratio Lower Upper
65 100
92 62.3 49.4 74.0
138 93.7 77.4 116.0





#49

Acenaphthylene

Concen: 41.716 ng

RT: 9.663 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135258.D

Acq: 14 Sep 2023 17:21

Instrument :

BNA_F

ClientSampleId :

MW-4-6MS

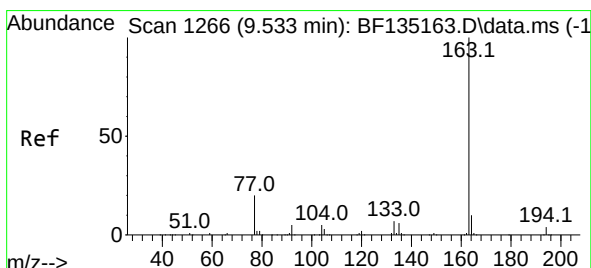
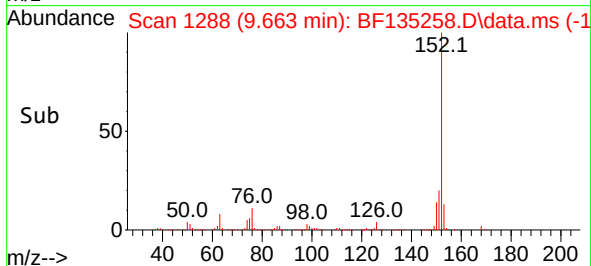
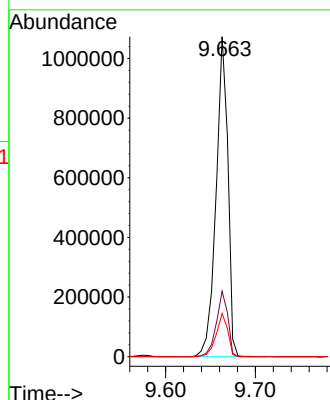
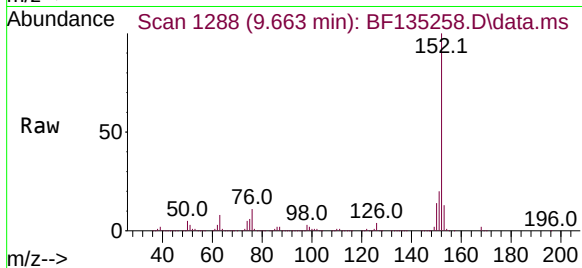
Tgt Ion:152 Resp: 981459

Ion Ratio Lower Upper

152 100

151 20.5 16.4 24.6

153 13.5 10.4 15.6



#50

Dimethylphthalate

Concen: 42.539 ng

RT: 9.534 min Scan# 1266

Delta R.T. 0.001 min

Lab File: BF135258.D

Acq: 14 Sep 2023 17:21

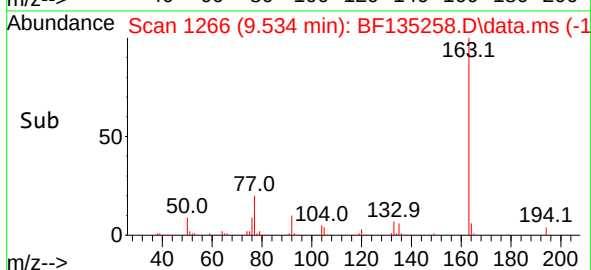
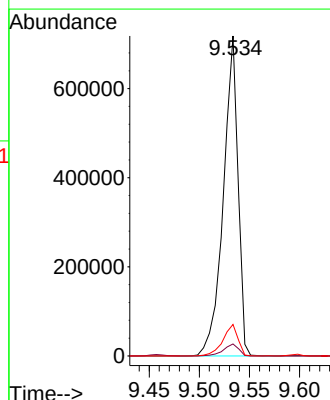
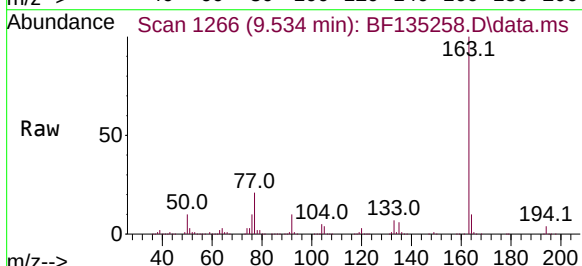
Tgt Ion:163 Resp: 730218

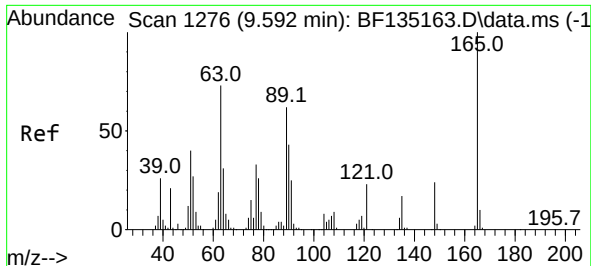
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 9.9 8.1 12.1

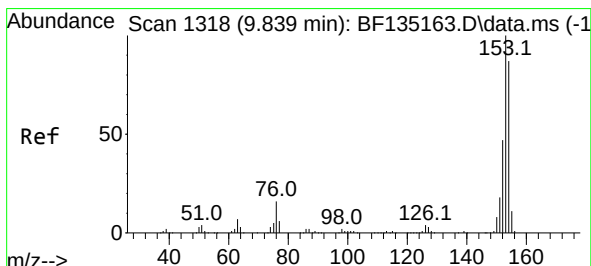
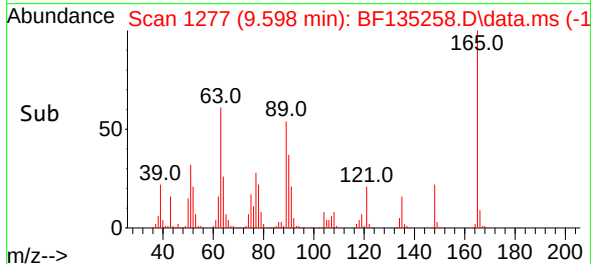
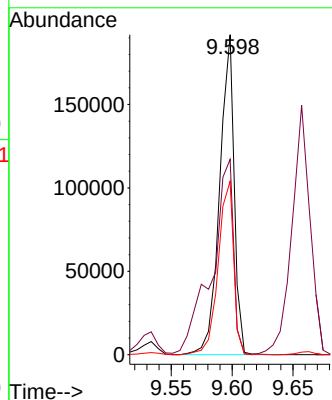
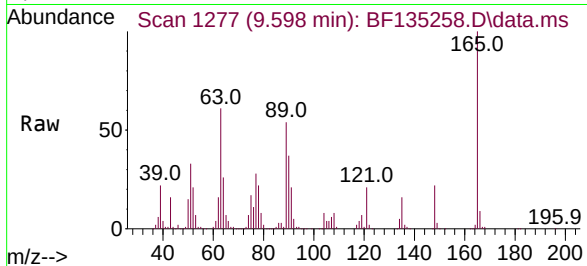




#51
2,6-Dinitrotoluene
Concen: 42.398 ng
RT: 9.598 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135258.D
Acq: 14 Sep 2023 17:21

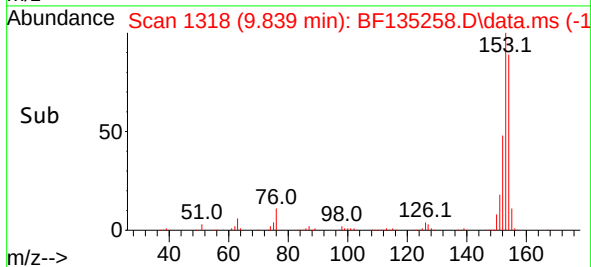
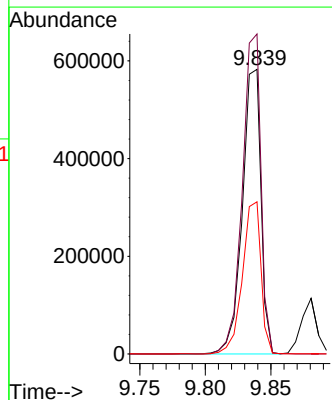
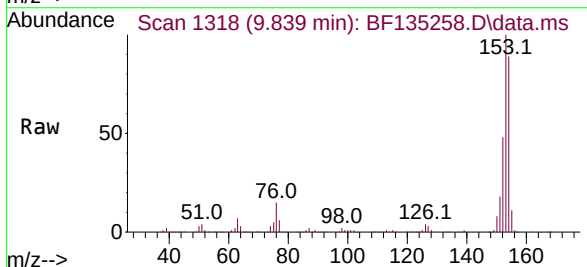
Instrument :
BNA_F
ClientSampleId :
MW-4-6MS

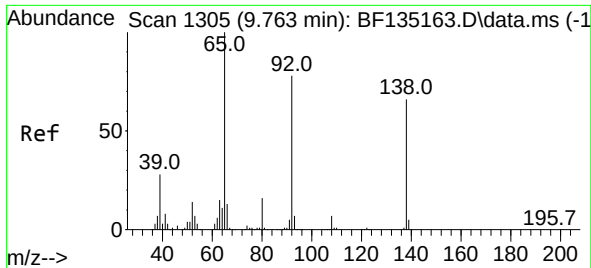
Tgt Ion:165 Resp: 159436
Ion Ratio Lower Upper
165 100
63 61.1 59.4 89.2
89 54.2 49.8 74.8



#52
Acenaphthene
Concen: 41.590 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BF135258.D
Acq: 14 Sep 2023 17:21

Tgt Ion:154 Resp: 578041
Ion Ratio Lower Upper
154 100
153 112.4 92.1 138.1
152 53.5 43.1 64.7

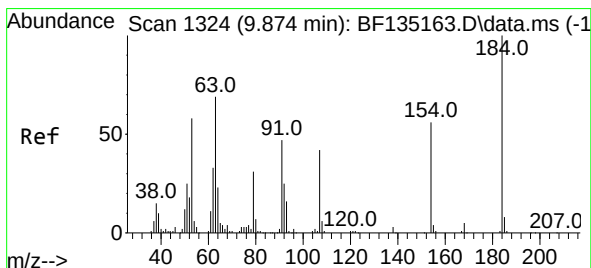
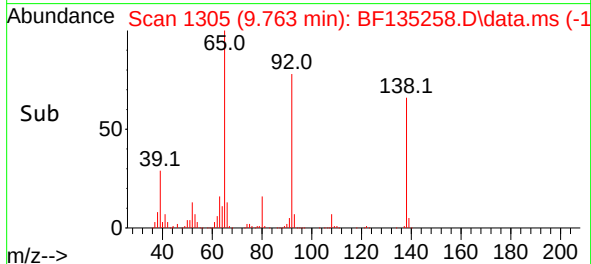
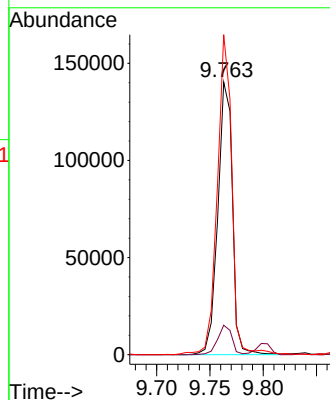
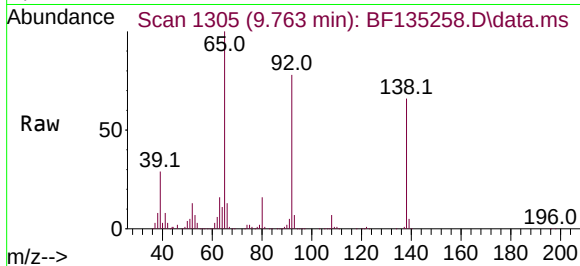




#53
3-Nitroaniline
Concen: 30.272 ng
RT: 9.763 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135258.D
Acq: 14 Sep 2023 17:21

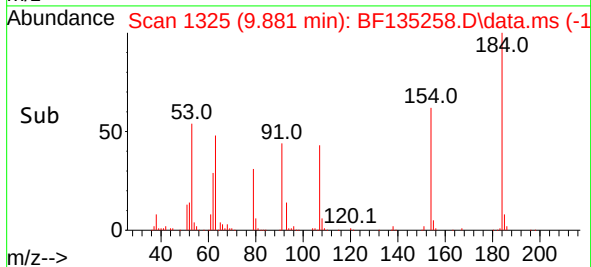
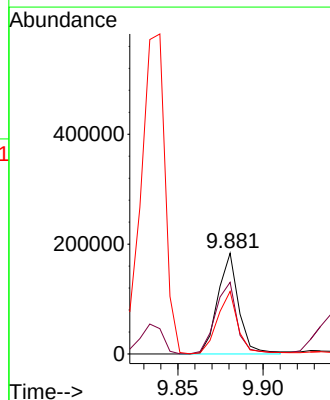
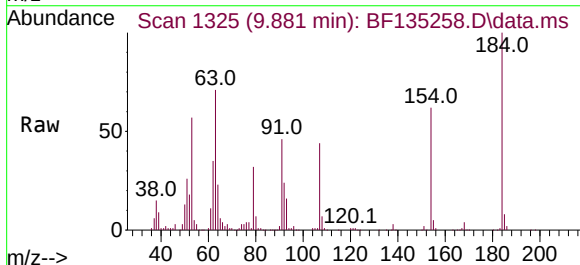
Instrument :
BNA_F
ClientSampleId :
MW-4-6MS

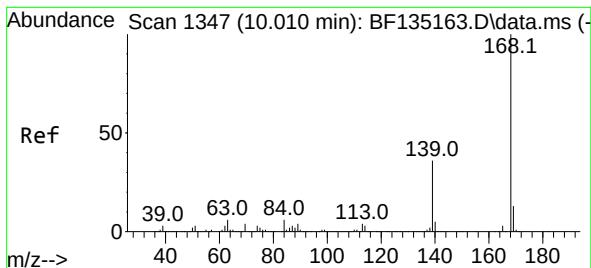
Tgt Ion:138 Resp: 133623
Ion Ratio Lower Upper
138 100
108 10.8 8.5 12.7
92 117.4 95.4 143.0



#54
2,4-Dinitrophenol
Concen: 74.033 ng
RT: 9.881 min Scan# 1325
Delta R.T. 0.007 min
Lab File: BF135258.D
Acq: 14 Sep 2023 17:21

Tgt Ion:184 Resp: 156965
Ion Ratio Lower Upper
184 100
63 71.1 55.1 82.7
154 62.1 48.4 72.6





#55

Dibenzenofuran

Concen: 41.112 ng

RT: 10.010 min Scan# 1347

Delta R.T. 0.000 min

Lab File: BF135258.D

Acq: 14 Sep 2023 17:21

Instrument :

BNA_F

ClientSampleId :

MW-4-6MS

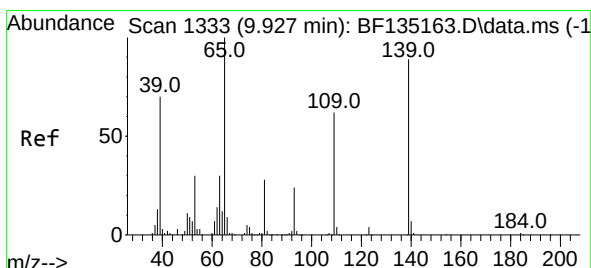
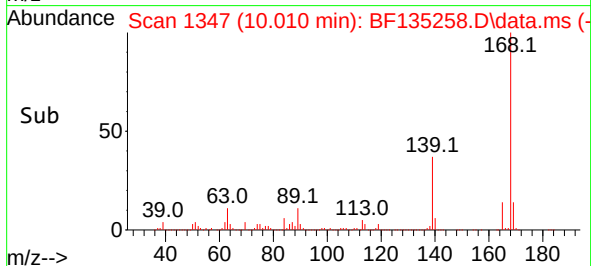
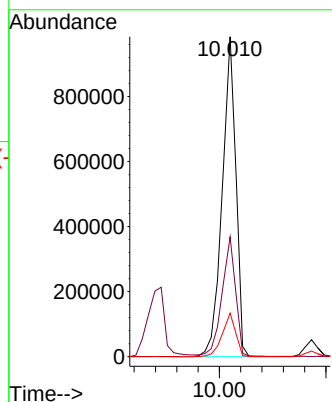
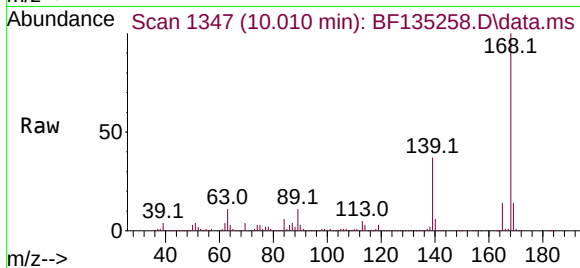
Tgt Ion:168 Resp: 871950

Ion Ratio Lower Upper

168 100

139 37.4 29.0 43.6

169 13.6 10.4 15.6



#56

4-Nitrophenol

Concen: 84.535 ng

RT: 9.945 min Scan# 1336

Delta R.T. 0.018 min

Lab File: BF135258.D

Acq: 14 Sep 2023 17:21

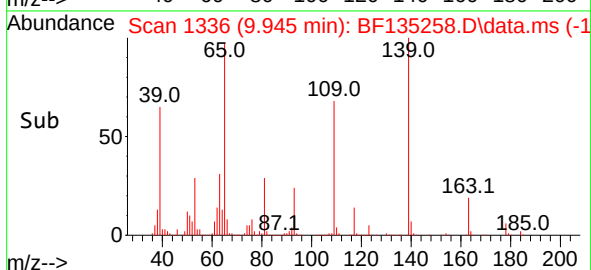
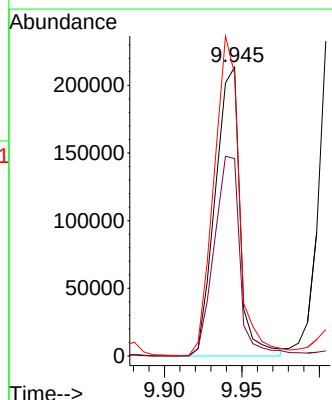
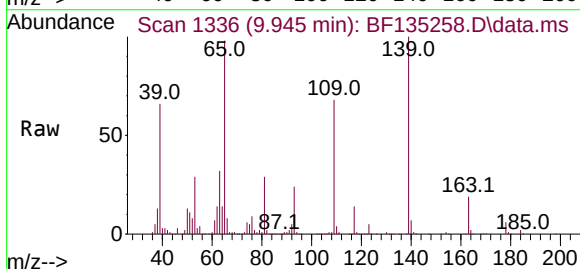
Tgt Ion:139 Resp: 237153

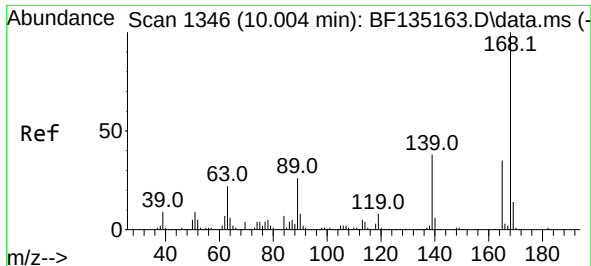
Ion Ratio Lower Upper

139 100

109 68.4 49.8 89.8

65 97.6 92.7 132.7

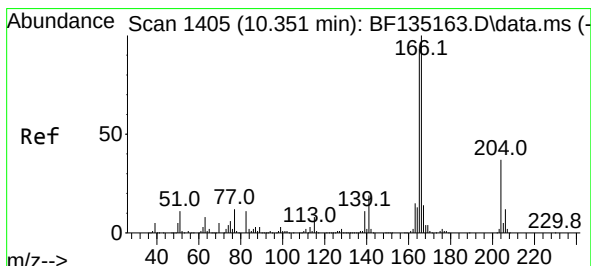
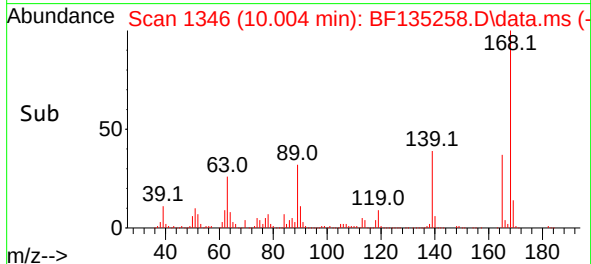
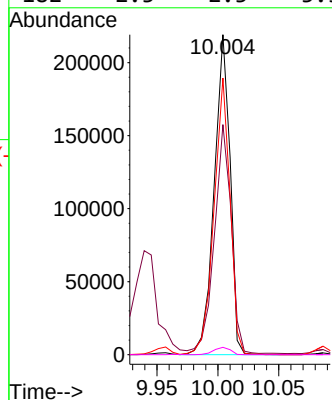
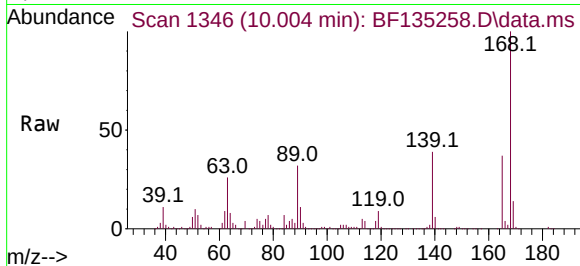




#57
2,4-Dinitrotoluene
Concen: 42.178 ng
RT: 10.004 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135258.D
Acq: 14 Sep 2023 17:21

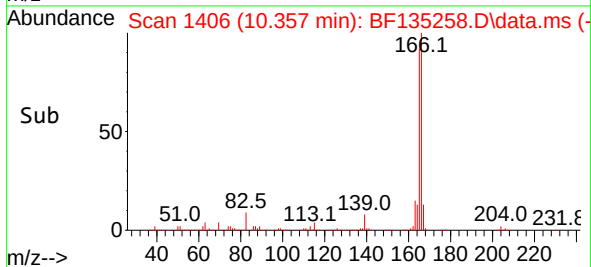
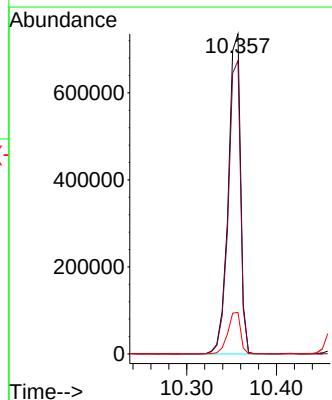
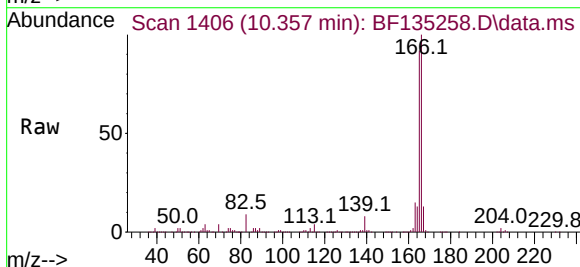
Instrument :
BNA_F
ClientSampleId :
MW-4-6MS

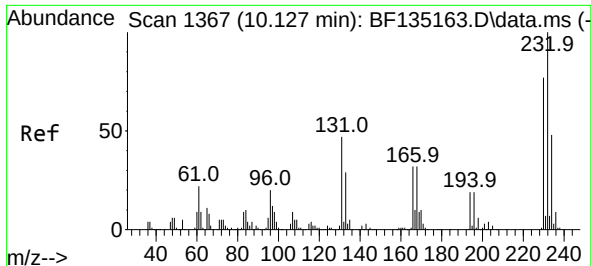
Tgt Ion:165 Resp: 198562
Ion Ratio Lower Upper
165 100
63 71.9 50.1 75.1
89 86.4 59.3 88.9
182 2.3 2.3 3.5#



#58
Fluorene
Concen: 42.922 ng
RT: 10.357 min Scan# 1406
Delta R.T. 0.006 min
Lab File: BF135258.D
Acq: 14 Sep 2023 17:21

Tgt Ion:166 Resp: 699836
Ion Ratio Lower Upper
166 100
165 91.6 74.3 111.5
167 13.0 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 44.470 ng

RT: 10.134 min Scan# 1368

Delta R.T. 0.006 min

Lab File: BF135258.D

Acq: 14 Sep 2023 17:21

Instrument :

BNA_F

ClientSampleId :

MW-4-6MS

Tgt Ion:232 Resp: 189720

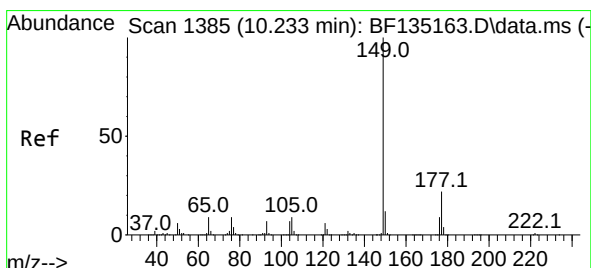
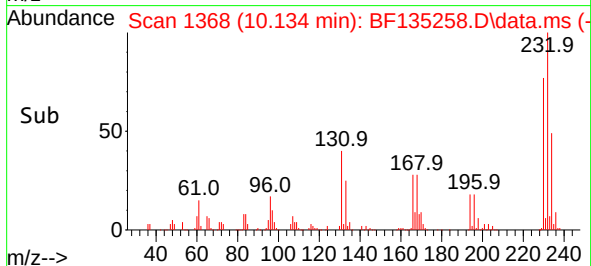
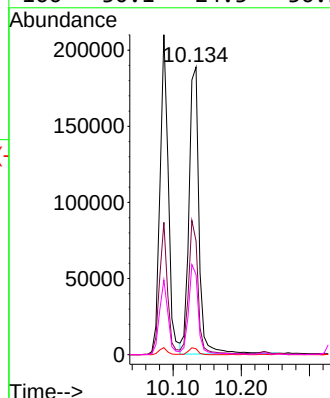
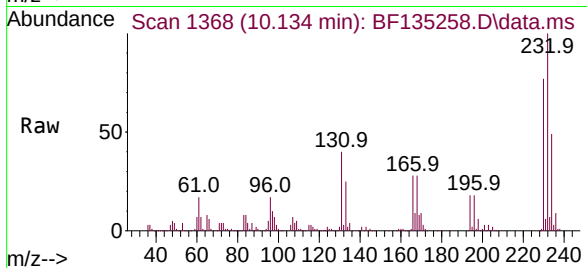
Ion Ratio Lower Upper

232 100

131 44.5 35.4 53.2

130 2.3 1.8 2.8

166 30.1 24.3 36.5



#60

Diethylphthalate

Concen: 43.569 ng

RT: 10.233 min Scan# 1385

Delta R.T. 0.000 min

Lab File: BF135258.D

Acq: 14 Sep 2023 17:21

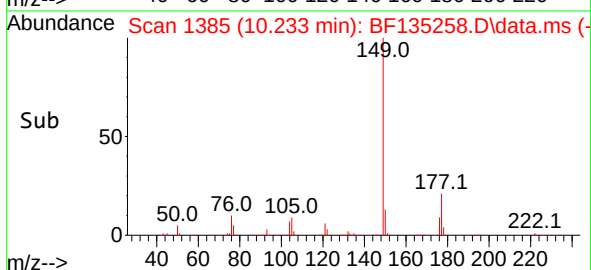
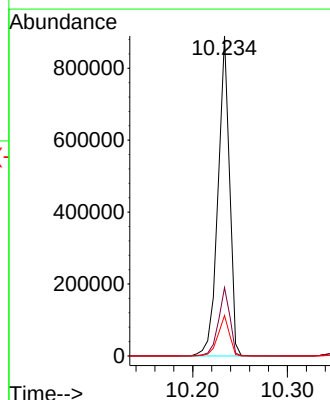
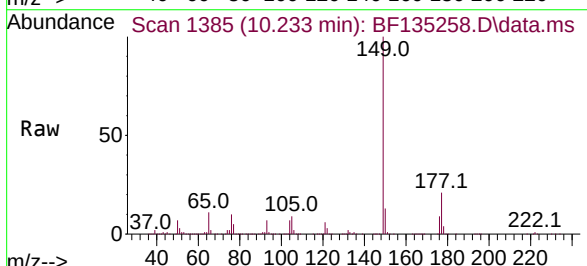
Tgt Ion:149 Resp: 750582

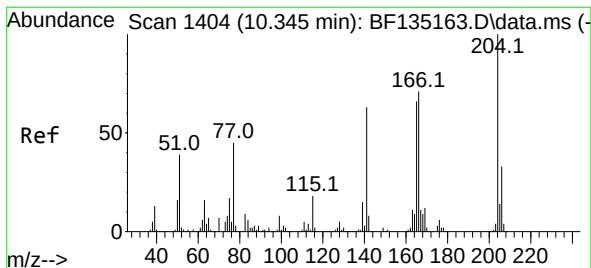
Ion Ratio Lower Upper

149 100

177 21.4 17.8 26.6

150 12.7 10.0 15.0

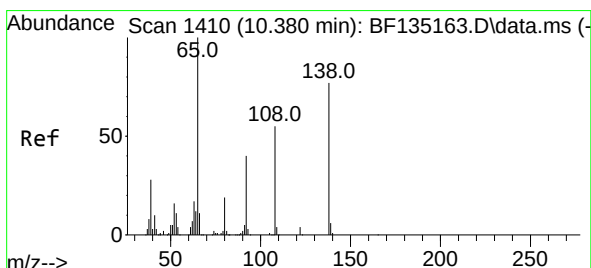
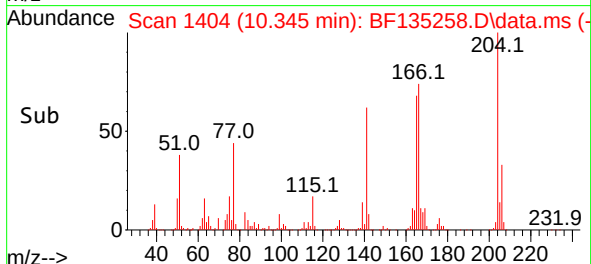
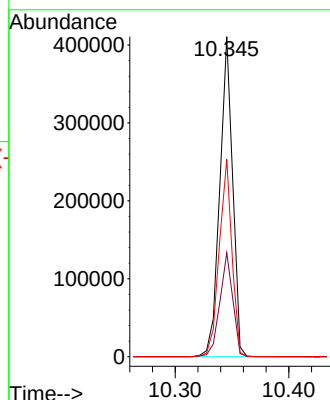
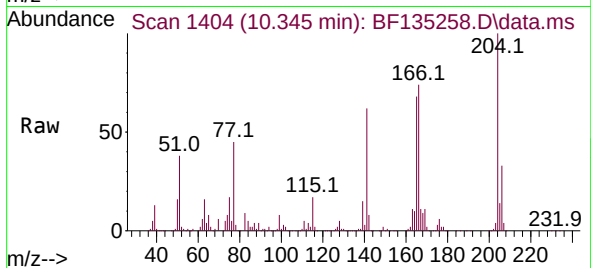




#61
4-Chlorophenyl-phenylether
Concen: 41.294 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF135258.D
Acq: 14 Sep 2023 17:21

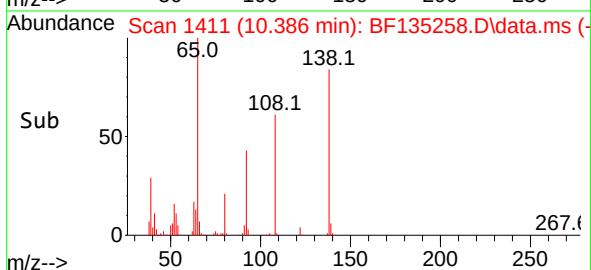
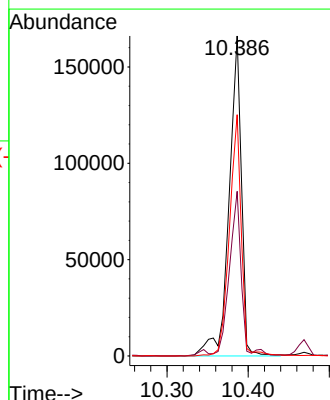
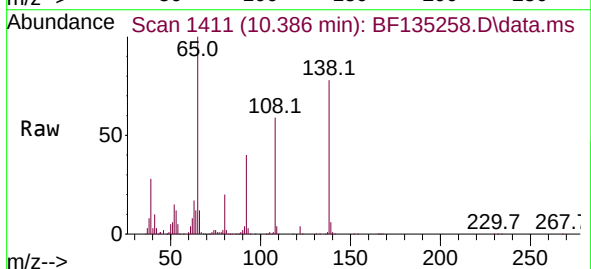
Instrument :
BNA_F
ClientSampleId :
MW-4-6MS

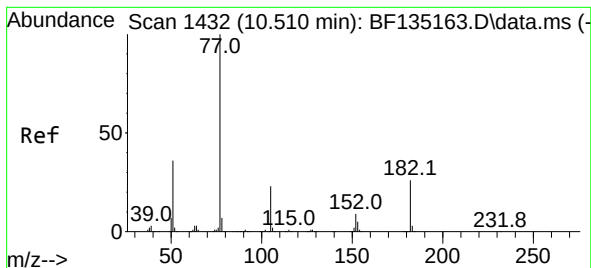
Tgt Ion:204 Resp: 323425
Ion Ratio Lower Upper
204 100
206 32.5 26.7 40.1
141 61.7 50.6 75.8



#62
4-Nitroaniline
Concen: 41.636 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF135258.D
Acq: 14 Sep 2023 17:21

Tgt Ion:138 Resp: 176664
Ion Ratio Lower Upper
138 100
92 51.4 31.8 71.8
108 75.4 52.0 92.0





#63

Azobenzene

Concen: 43.282 ng

RT: 10.510 min Scan# 1432

Delta R.T. 0.000 min

Lab File: BF135258.D

Acq: 14 Sep 2023 17:21

Instrument :

BNA_F

ClientSampleId :

MW-4-6MS

Tgt Ion: 77 Resp: 729752

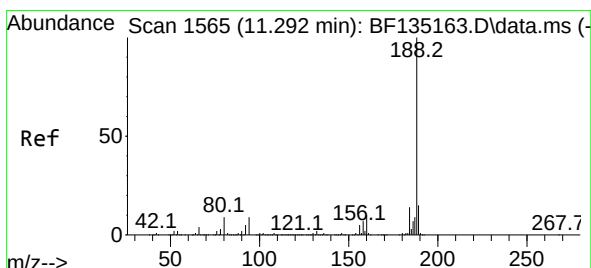
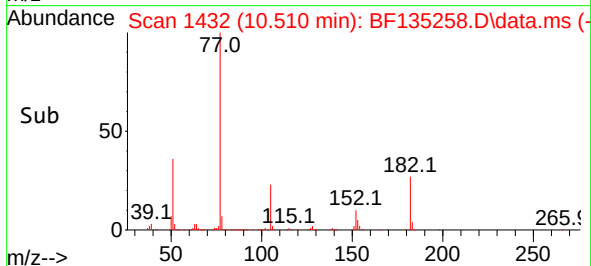
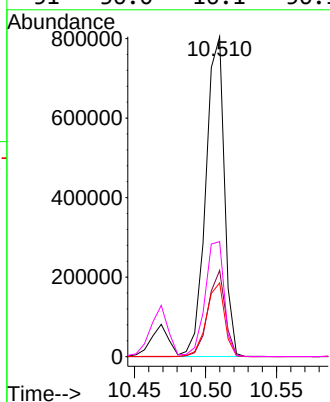
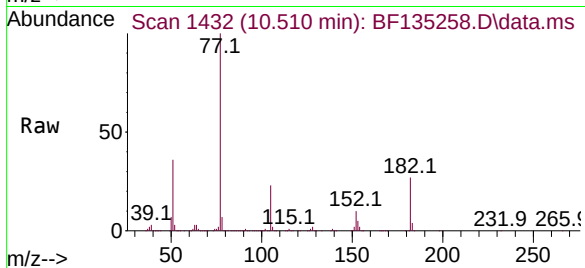
Ion Ratio Lower Upper

77 100

182 26.9 6.4 46.4

105 23.0 3.1 43.1

51 36.0 16.1 56.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.292 min Scan# 1565

Delta R.T. 0.000 min

Lab File: BF135258.D

Acq: 14 Sep 2023 17:21

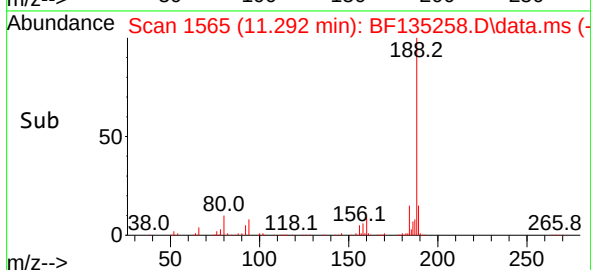
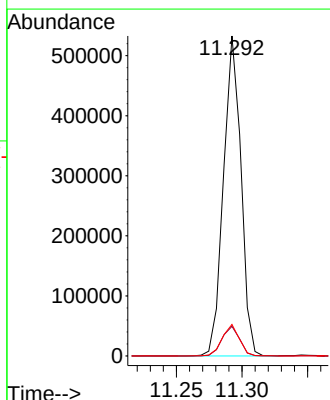
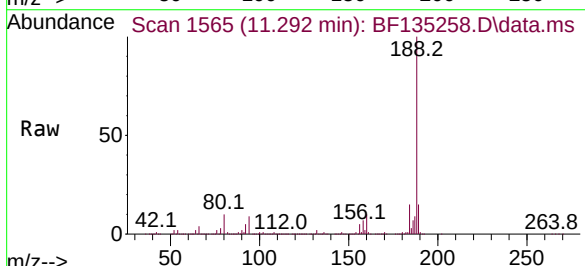
Tgt Ion: 188 Resp: 493782

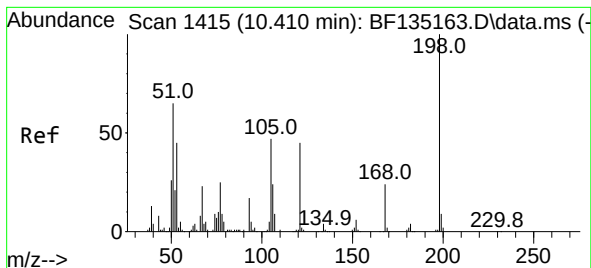
Ion Ratio Lower Upper

188 100

94 9.2 7.0 10.6

80 9.9 7.5 11.3

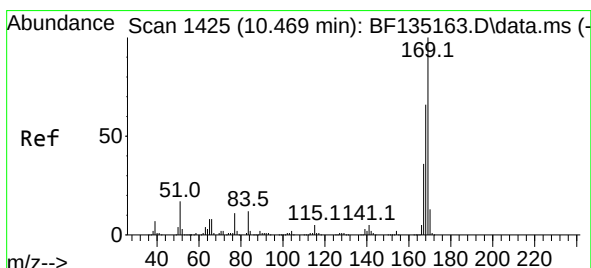
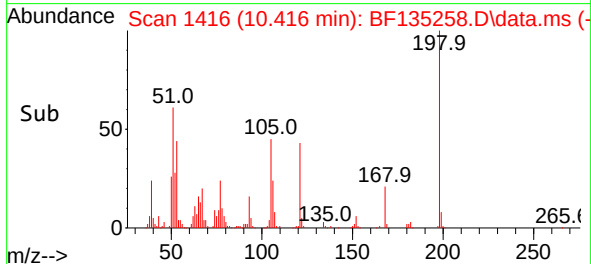
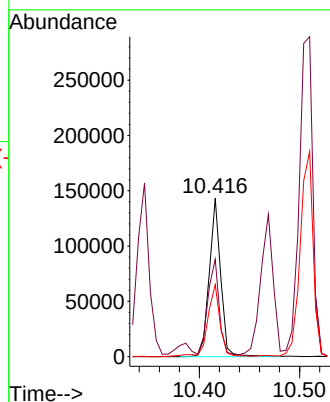
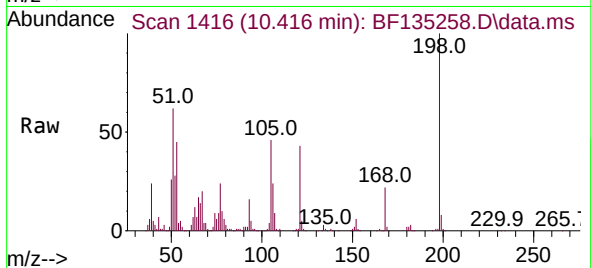




#65
4,6-Dinitro-2-methylphenol
Concen: 43.457 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF135258.D
Acq: 14 Sep 2023 17:21

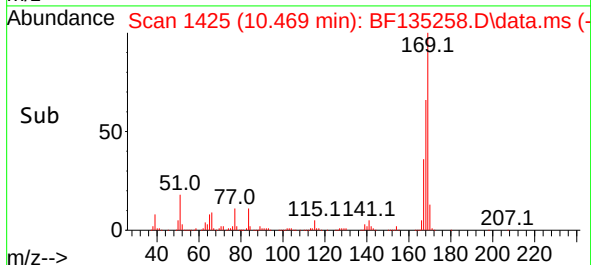
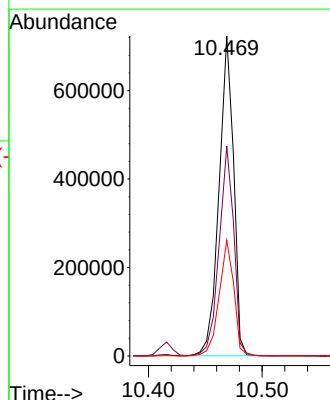
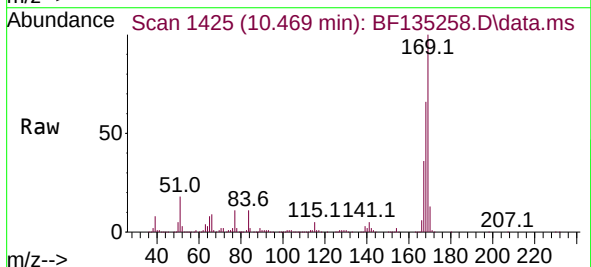
Instrument :
BNA_F
ClientSampleId :
MW-4-6MS

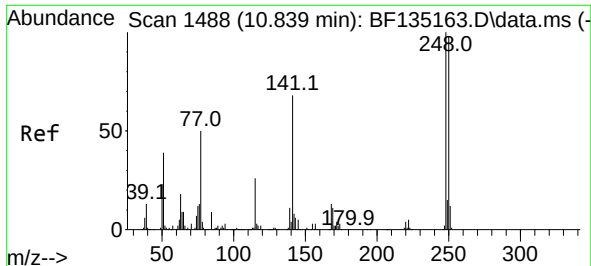
Tgt Ion:198 Resp: 113972
Ion Ratio Lower Upper
198 100
51 61.6 47.7 87.7
105 45.5 27.4 67.4



#66
n-Nitrosodiphenylamine
Concen: 43.166 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF135258.D
Acq: 14 Sep 2023 17:21

Tgt Ion:169 Resp: 645295
Ion Ratio Lower Upper
169 100
168 65.5 52.8 79.2
167 36.1 29.0 43.6

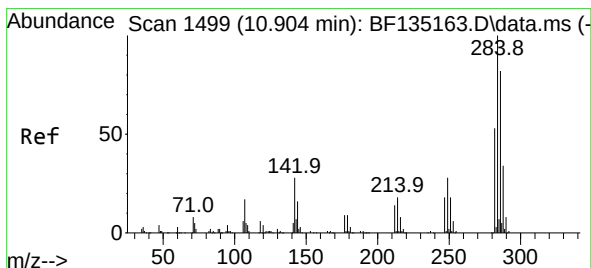
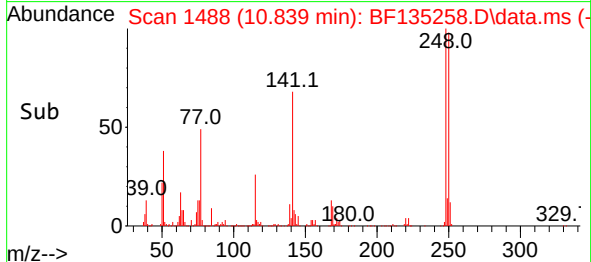
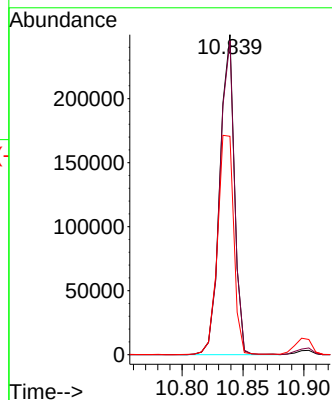
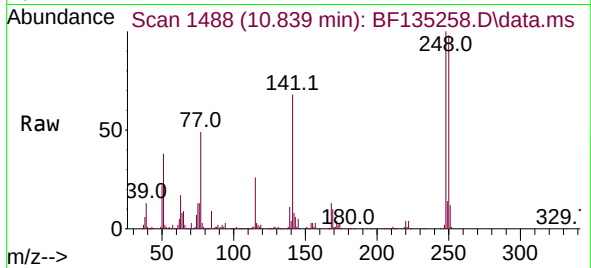




#67
4-Bromophenyl-phenylether
Concen: 42.382 ng
RT: 10.839 min Scan# 1488
Delta R.T. 0.000 min
Lab File: BF135258.D
Acq: 14 Sep 2023 17:21

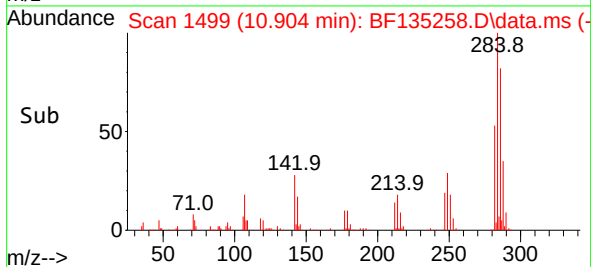
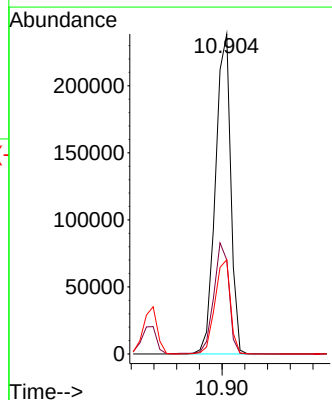
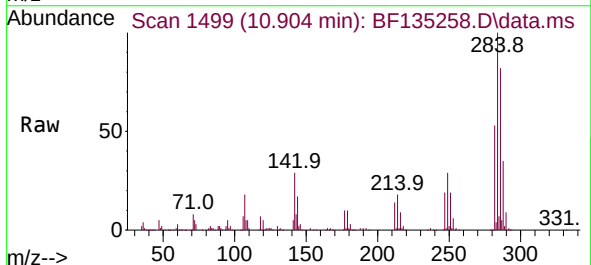
Instrument :
BNA_F
ClientSampleId :
MW-4-6MS

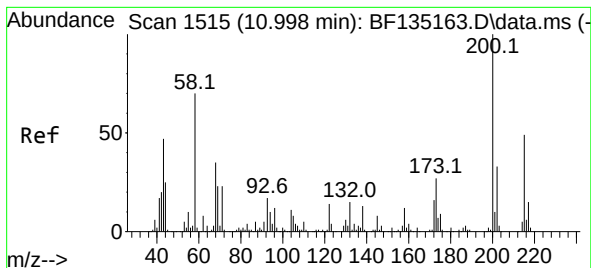
Tgt Ion:248 Resp: 208138
Ion Ratio Lower Upper
248 100
250 98.1 78.6 117.8
141 68.3 54.2 81.2



#68
Hexachlorobenzene
Concen: 44.557 ng
RT: 10.904 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF135258.D
Acq: 14 Sep 2023 17:21

Tgt Ion:284 Resp: 222926
Ion Ratio Lower Upper
284 100
142 29.4 22.2 33.4
249 29.4 22.5 33.7





#69

Atrazine

Concen: 49.100 ng

RT: 11.004 min Scan# 1516

Delta R.T. 0.006 min

Lab File: BF135258.D

Acq: 14 Sep 2023 17:21

Instrument :

BNA_F

ClientSampleId :

MW-4-6MS

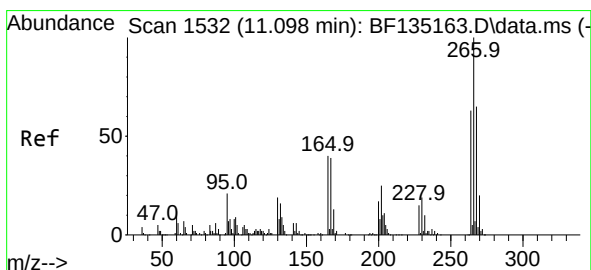
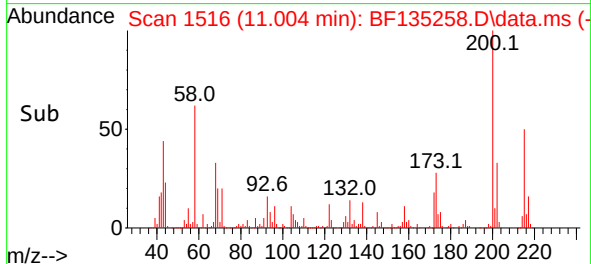
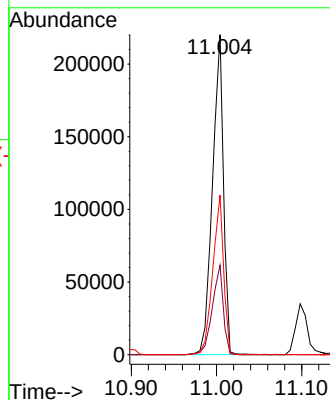
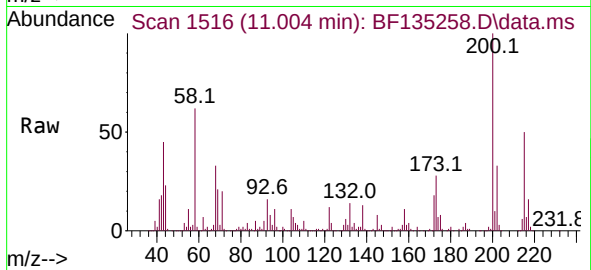
Tgt Ion:200 Resp: 197500

Ion Ratio Lower Upper

200 100

173 27.9 7.4 47.4

215 49.8 28.6 68.6



#70

Pentachlorophenol

Concen: 67.788 ng

RT: 11.098 min Scan# 1532

Delta R.T. 0.000 min

Lab File: BF135258.D

Acq: 14 Sep 2023 17:21

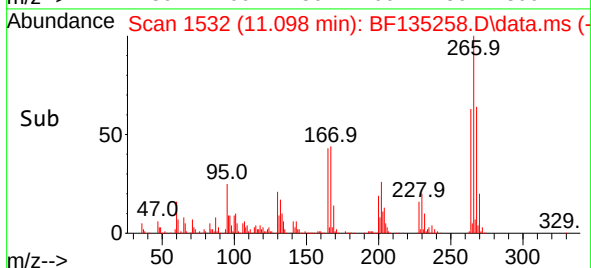
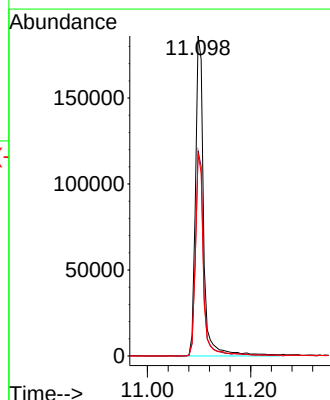
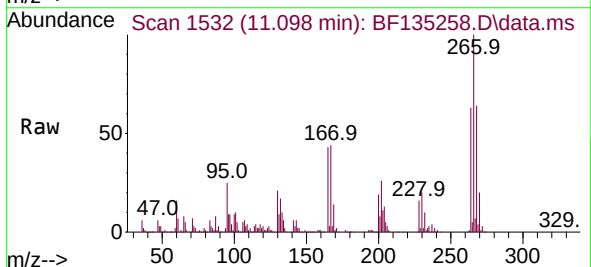
Tgt Ion:266 Resp: 202917

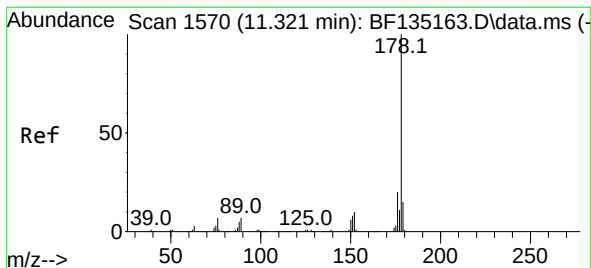
Ion Ratio Lower Upper

266 100

268 64.0 52.1 78.1

264 63.2 50.8 76.2





#71

Phenanthrene

Concen: 41.699 ng

RT: 11.322 min Scan# 1570

Delta R.T. 0.000 min

Lab File: BF135258.D

Acq: 14 Sep 2023 17:21

Instrument :

BNA_F

ClientSampleId :

MW-4-6MS

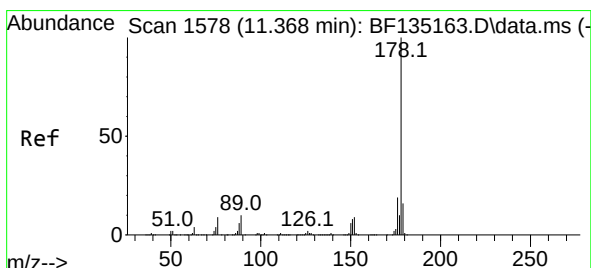
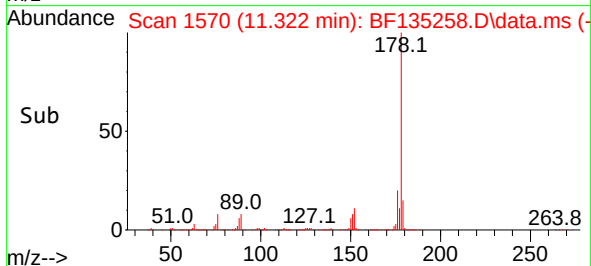
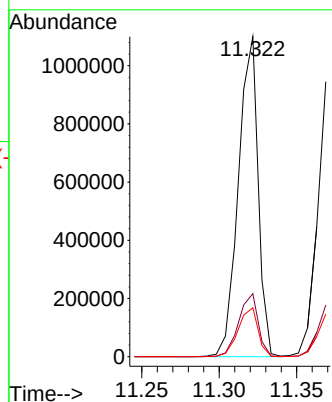
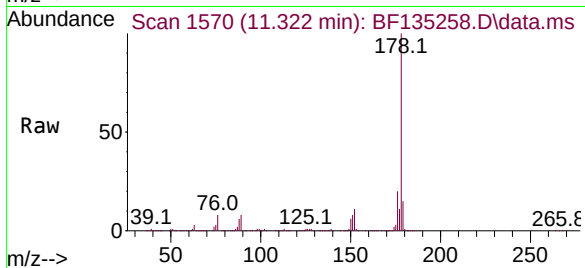
Tgt Ion:178 Resp: 973838

Ion Ratio Lower Upper

178 100

176 19.7 15.6 23.4

179 15.3 12.0 18.0



#72

Anthracene

Concen: 41.312 ng

RT: 11.375 min Scan# 1579

Delta R.T. 0.006 min

Lab File: BF135258.D

Acq: 14 Sep 2023 17:21

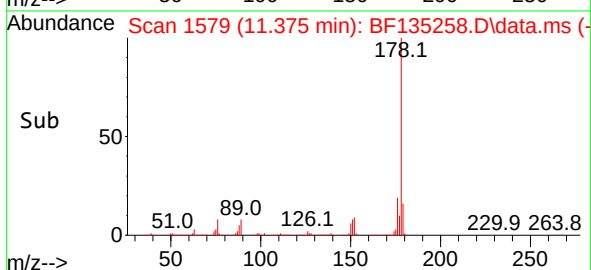
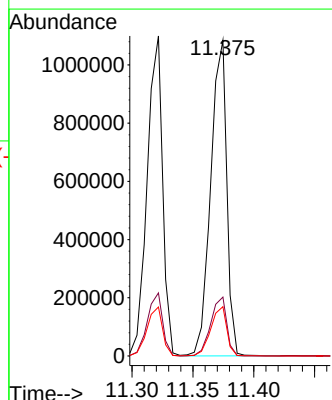
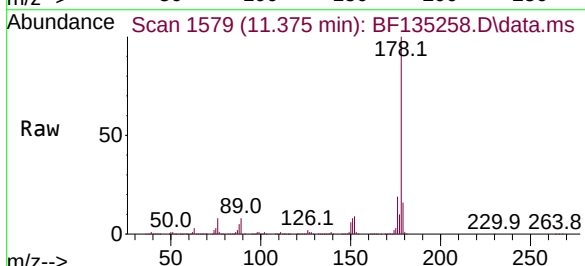
Tgt Ion:178 Resp: 991698

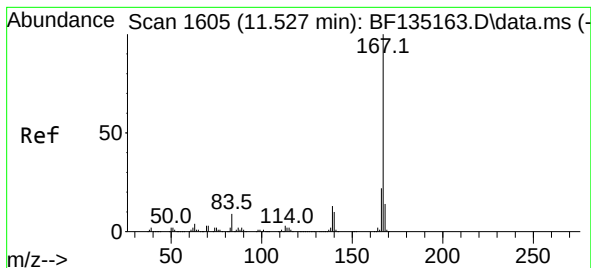
Ion Ratio Lower Upper

178 100

176 18.7 15.4 23.2

179 15.6 12.6 19.0





#73

Carbazole

Concen: 41.671 ng

RT: 11.533 min Scan# 1606

Delta R.T. 0.006 min

Lab File: BF135258.D

Acq: 14 Sep 2023 17:21

Instrument :

BNA_F

ClientSampleId :

MW-4-6MS

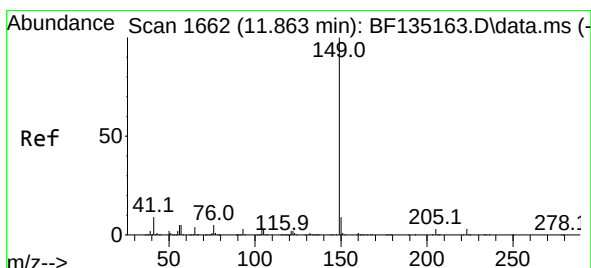
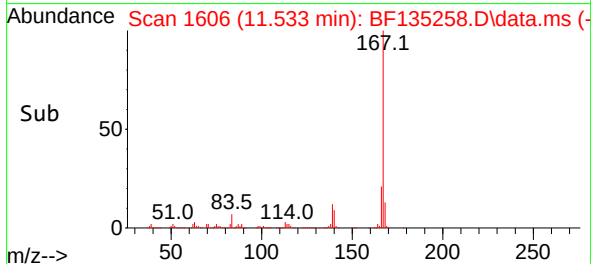
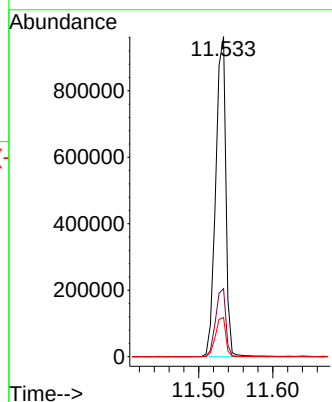
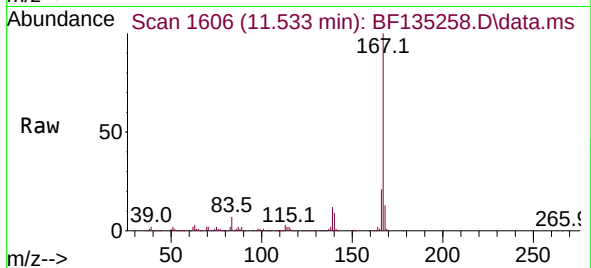
Tgt Ion:167 Resp: 910618

Ion Ratio Lower Upper

167 100

166 21.3 17.4 26.0

139 12.3 10.6 15.8



#74

Di-n-butylphthalate

Concen: 43.538 ng

RT: 11.863 min Scan# 1662

Delta R.T. 0.000 min

Lab File: BF135258.D

Acq: 14 Sep 2023 17:21

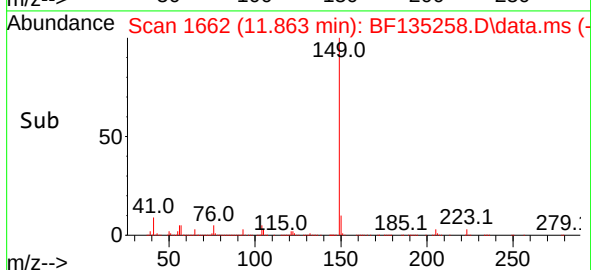
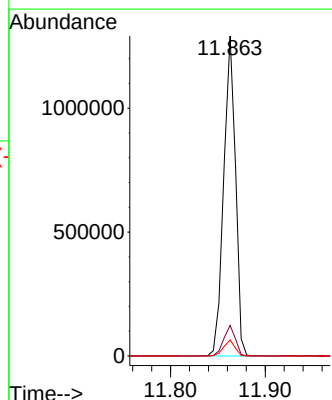
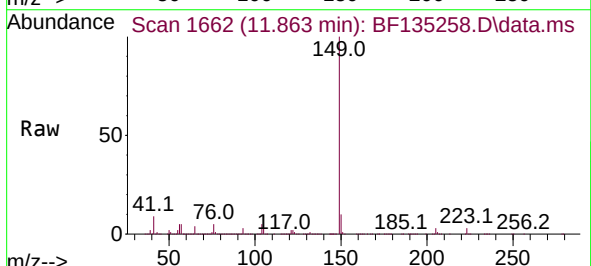
Tgt Ion:149 Resp: 1121080

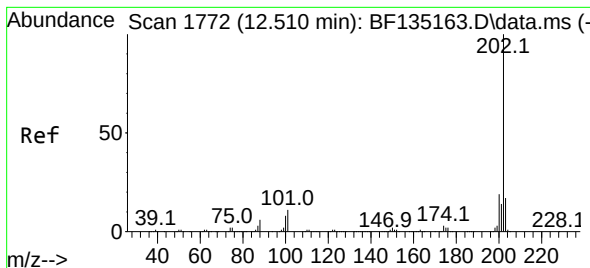
Ion Ratio Lower Upper

149 100

150 9.6 7.4 11.0

104 5.0 3.6 5.4





#75

Fluoranthene

Concen: 38.926 ng

RT: 12.510 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135258.D

Acq: 14 Sep 2023 17:21

Instrument :

BNA_F

ClientSampleId :

MW-4-6MS

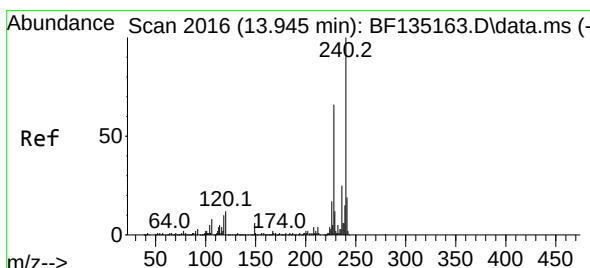
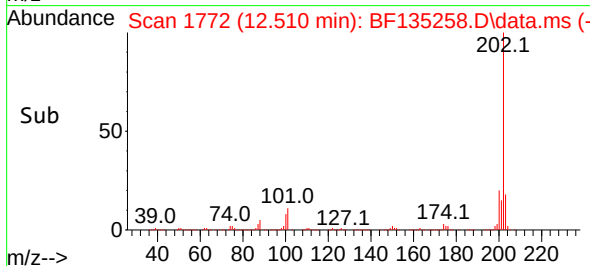
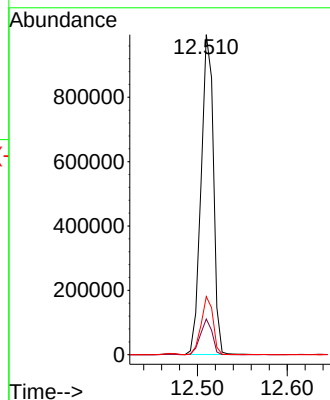
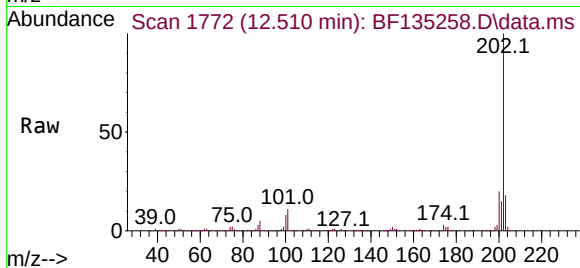
Tgt Ion:202 Resp: 947243

Ion Ratio Lower Upper

202 100

101 11.1 0.0 31.3

203 18.2 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.951 min Scan# 2017

Delta R.T. 0.006 min

Lab File: BF135258.D

Acq: 14 Sep 2023 17:21

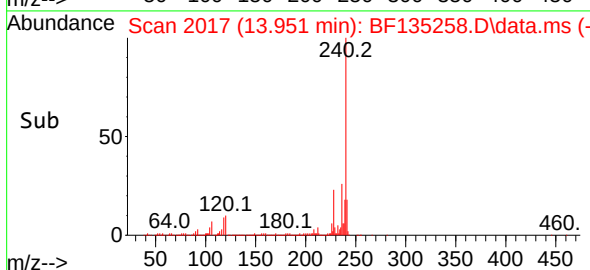
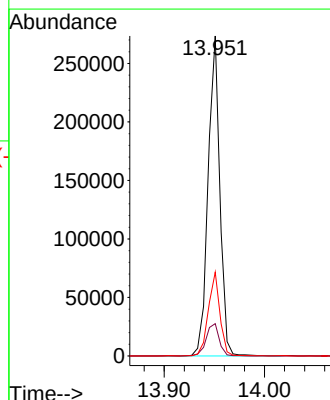
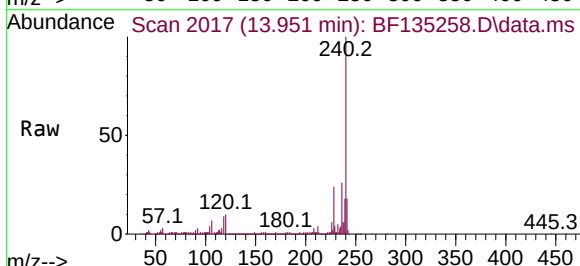
Tgt Ion:240 Resp: 224006

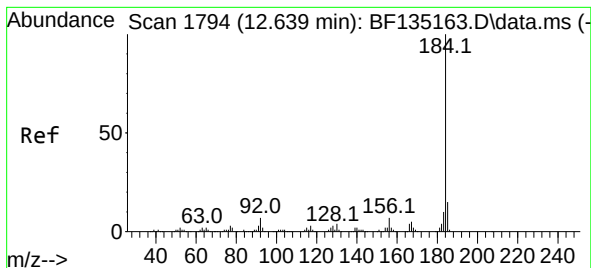
Ion Ratio Lower Upper

240 100

120 10.1 9.4 14.2

236 26.2 19.8 29.8





#77

Benzidine

Concen: 40.028 ng

RT: 12.639 min Scan# 1794

Delta R.T. 0.000 min

Lab File: BF135258.D

Acq: 14 Sep 2023 17:21

Instrument :

BNA_F

ClientSampleId :

MW-4-6MS

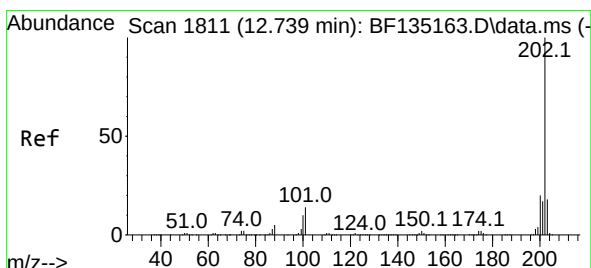
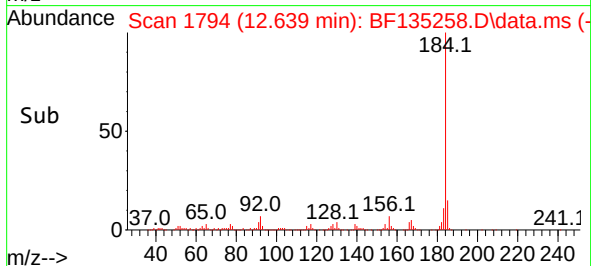
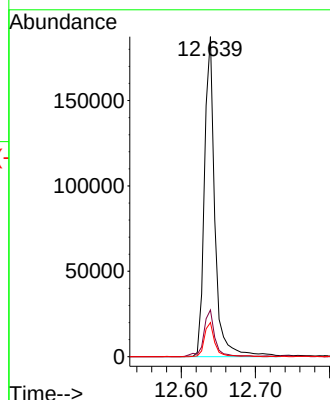
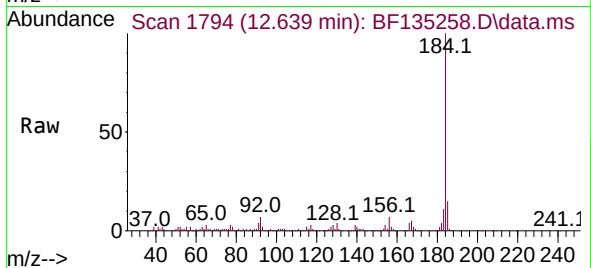
Tgt Ion:184 Resp: 183695

Ion Ratio Lower Upper

184 100

185 14.6 11.7 17.5

183 10.6 8.2 12.4



#78

Pyrene

Concen: 44.421 ng

RT: 12.739 min Scan# 1811

Delta R.T. 0.000 min

Lab File: BF135258.D

Acq: 14 Sep 2023 17:21

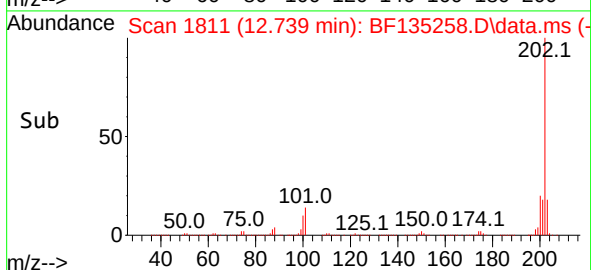
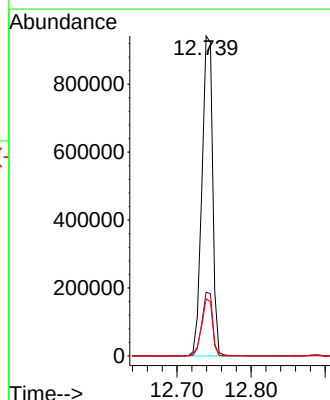
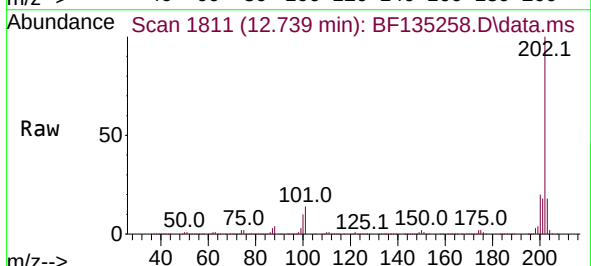
Tgt Ion:202 Resp: 947362

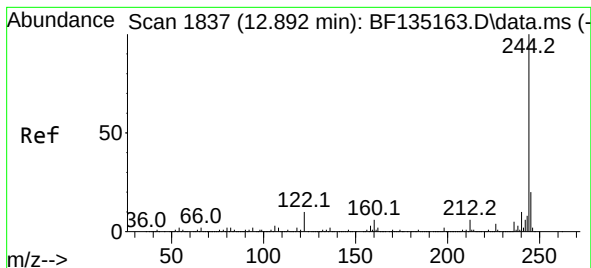
Ion Ratio Lower Upper

202 100

200 20.0 16.2 24.2

203 17.9 14.2 21.4





#79

Terphenyl-d14

Concen: 68.460 ng

RT: 12.886 min Scan# 1836

Delta R.T. -0.006 min

Lab File: BF135258.D

Acq: 14 Sep 2023 17:21

Instrument :

BNA_F

ClientSampleId :

MW-4-6MS

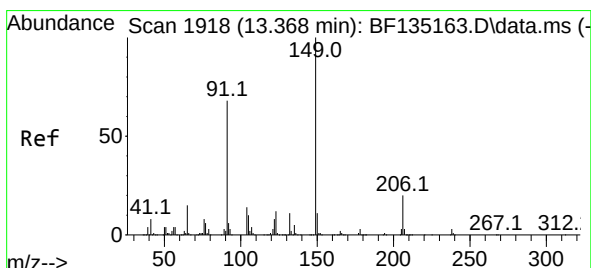
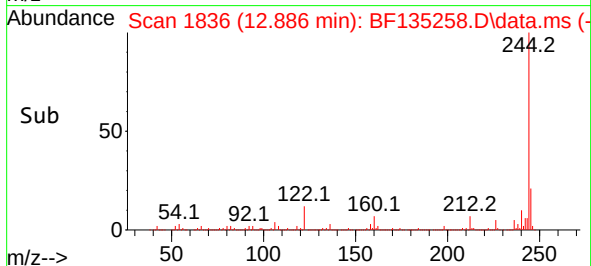
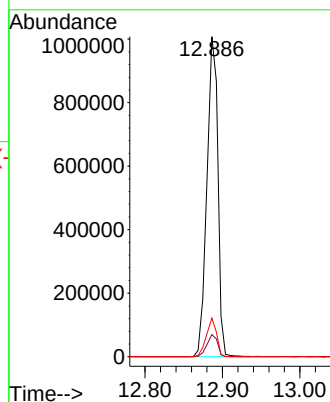
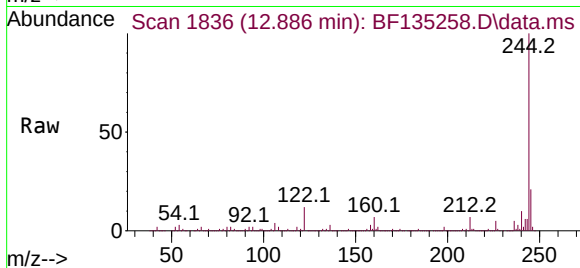
Tgt Ion:244 Resp: 989261

Ion Ratio Lower Upper

244 100

212 6.9 5.1 7.7

122 12.0 7.9 11.9#



#80

Butylbenzylphthalate

Concen: 49.342 ng

RT: 13.369 min Scan# 1918

Delta R.T. 0.000 min

Lab File: BF135258.D

Acq: 14 Sep 2023 17:21

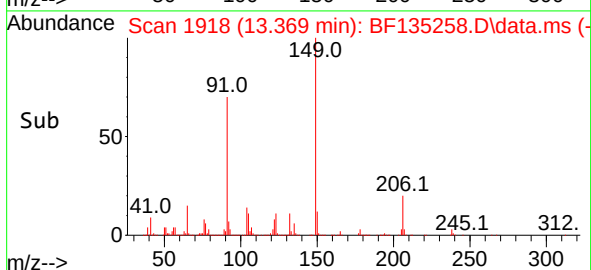
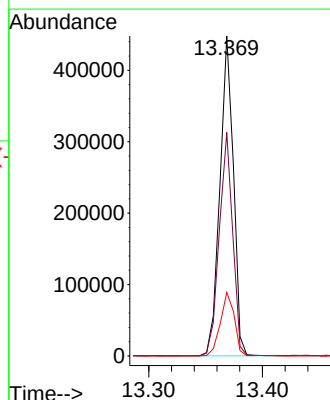
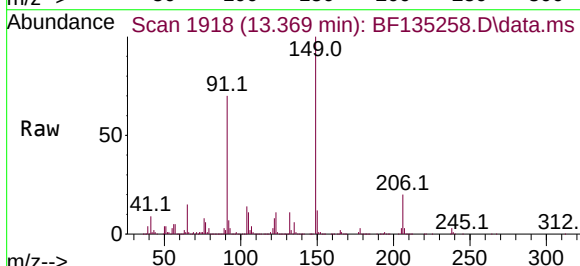
Tgt Ion:149 Resp: 370502

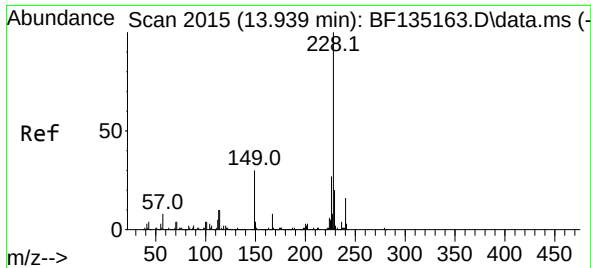
Ion Ratio Lower Upper

149 100

91 69.9 54.7 82.1

206 19.8 16.3 24.5

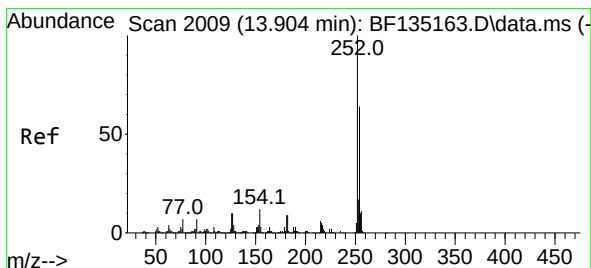
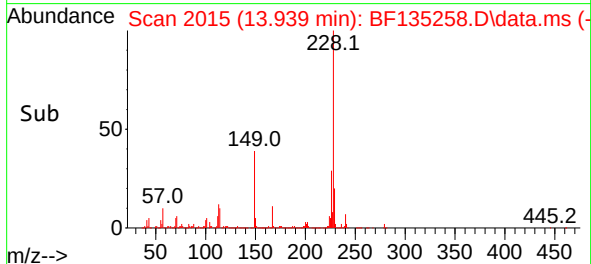
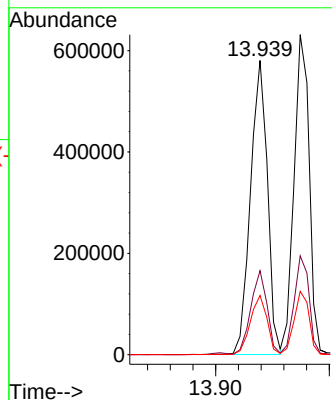
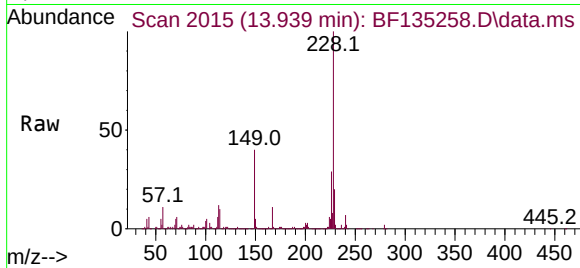




#81
Benzo(a)anthracene
Concen: 41.577 ng
RT: 13.939 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF135258.D
Acq: 14 Sep 2023 17:21

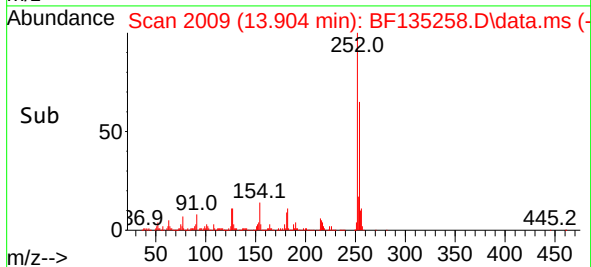
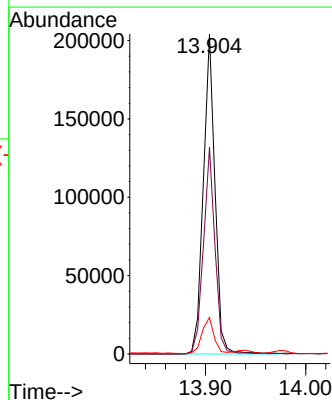
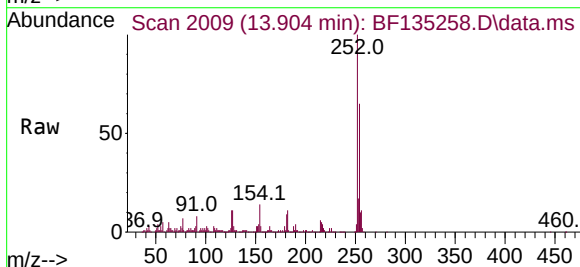
Instrument :
BNA_F
ClientSampleId :
MW-4-6MS

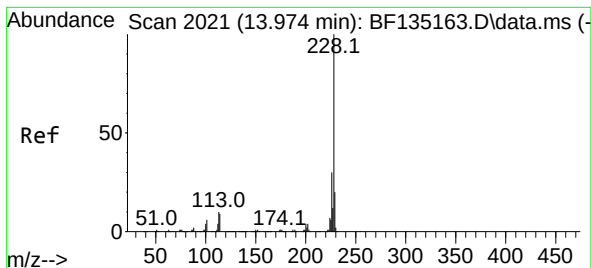
Tgt Ion:228 Resp: 601401
Ion Ratio Lower Upper
228 100
226 28.5 21.7 32.5
229 20.2 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 36.724 ng
RT: 13.904 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF135258.D
Acq: 14 Sep 2023 17:21

Tgt Ion:252 Resp: 165922
Ion Ratio Lower Upper
252 100
254 64.5 51.0 76.4
126 11.4 7.8 11.8





#83

Chrysene

Concen: 41.006 ng

RT: 13.974 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF135258.D

Acq: 14 Sep 2023 17:21

Instrument :

BNA_F

ClientSampleId :

MW-4-6MS

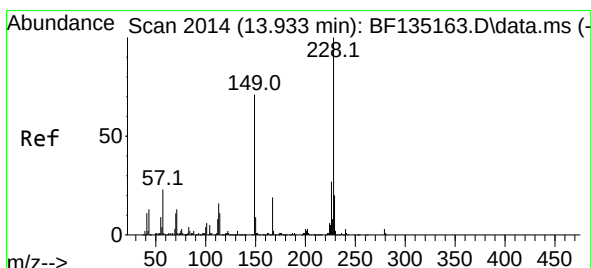
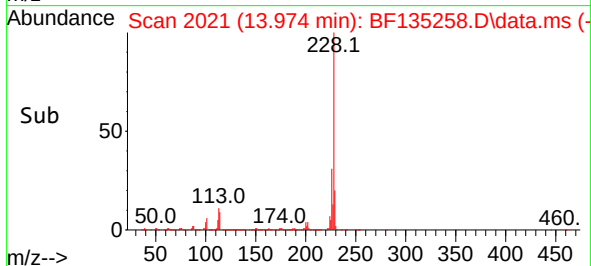
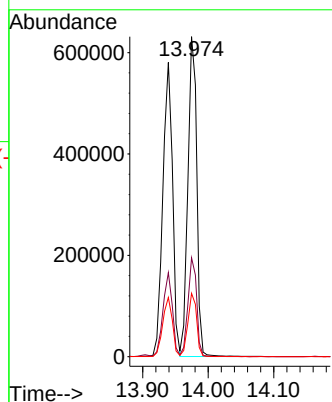
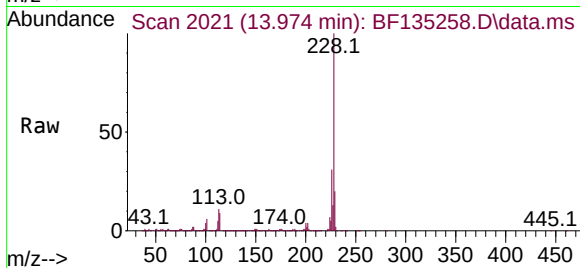
Tgt Ion:228 Resp: 589710

Ion Ratio Lower Upper

228 100

226 30.9 24.3 36.5

229 19.8 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.349 ng

RT: 13.933 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF135258.D

Acq: 14 Sep 2023 17:21

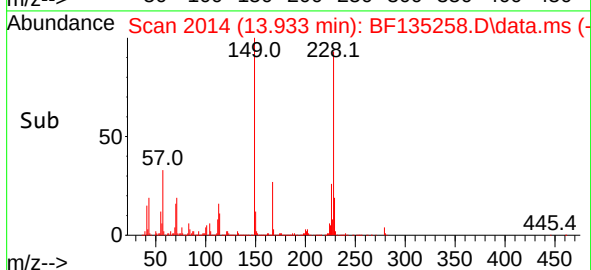
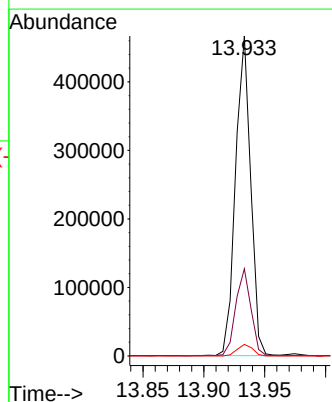
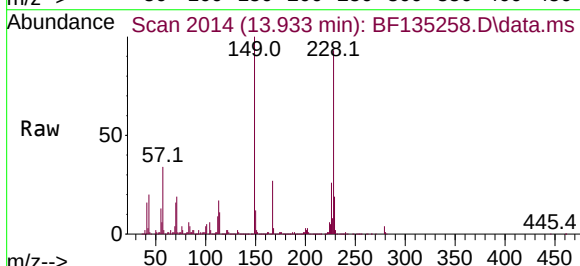
Tgt Ion:149 Resp: 403372

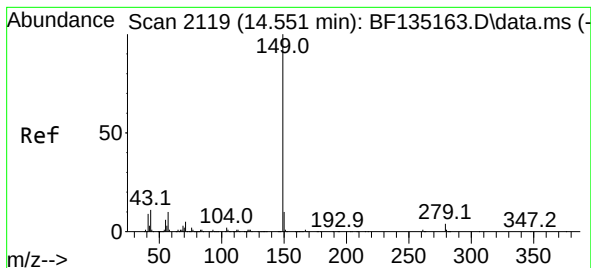
Ion Ratio Lower Upper

149 100

167 27.2 21.9 32.9

279 3.6 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 53.613 ng

RT: 14.551 min Scan# 2119

Delta R.T. 0.000 min

Lab File: BF135258.D

Acq: 14 Sep 2023 17:21

Instrument :

BNA_F

ClientSampleId :

MW-4-6MS

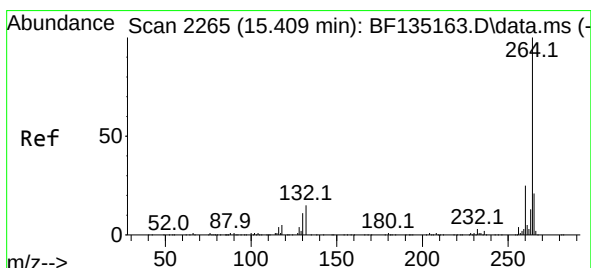
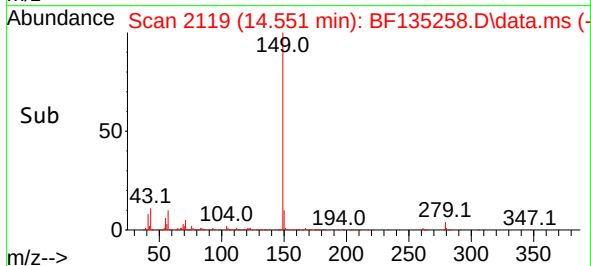
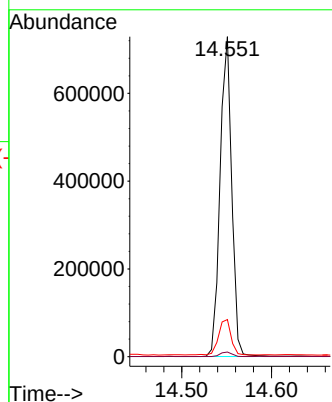
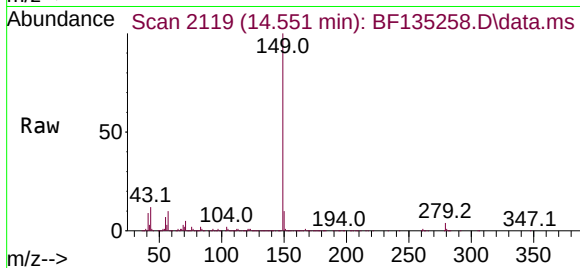
Tgt Ion:149 Resp: 656510

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

43 11.8 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.416 min Scan# 2266

Delta R.T. 0.006 min

Lab File: BF135258.D

Acq: 14 Sep 2023 17:21

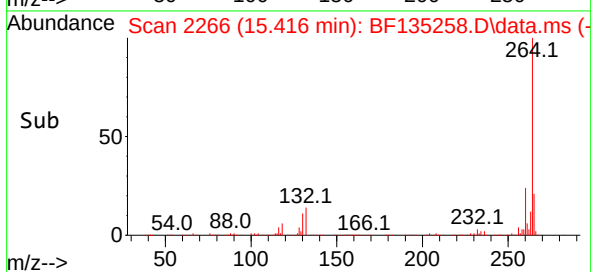
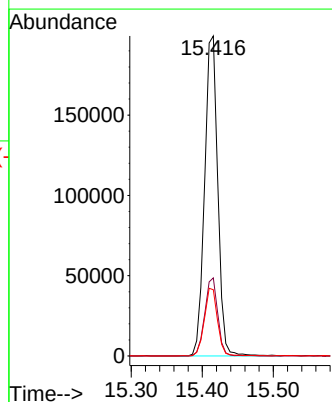
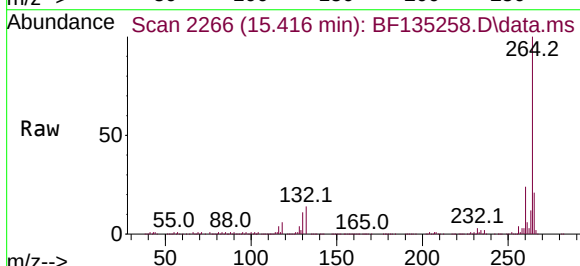
Tgt Ion:264 Resp: 257711

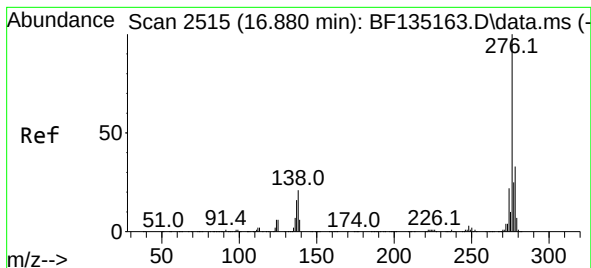
Ion Ratio Lower Upper

264 100

260 24.4 19.8 29.6

265 20.7 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.756 ng

RT: 16.898 min Scan# 2118

Delta R.T. 0.018 min

Lab File: BF135258.D

Acq: 14 Sep 2023 17:21

Instrument :

BNA_F

ClientSampleId :

MW-4-6MS

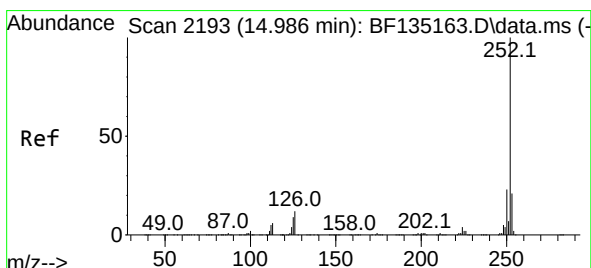
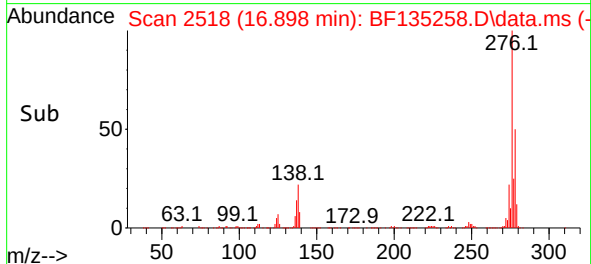
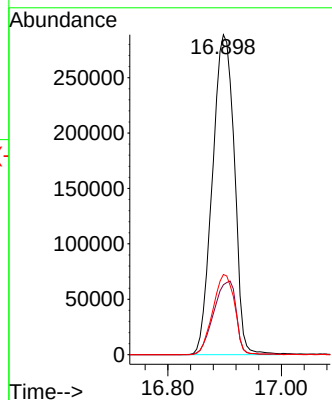
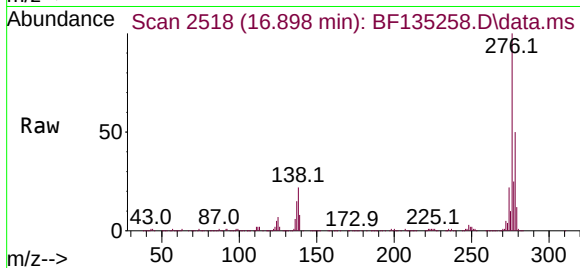
Tgt Ion:276 Resp: 773144

Ion Ratio Lower Upper

276 100

138 23.6 19.2 28.8

277 25.0 19.7 29.5



#88

Benzo(b)fluoranthene

Concen: 42.536 ng

RT: 14.986 min Scan# 2193

Delta R.T. 0.000 min

Lab File: BF135258.D

Acq: 14 Sep 2023 17:21

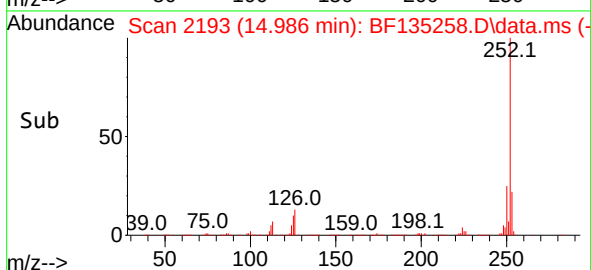
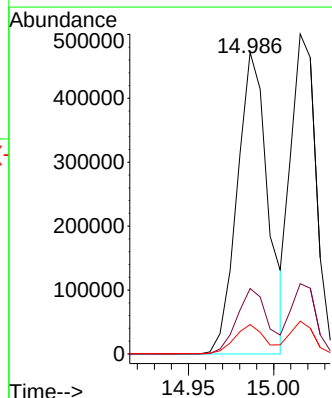
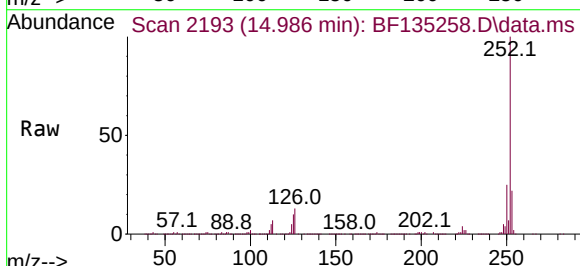
Tgt Ion:252 Resp: 593406

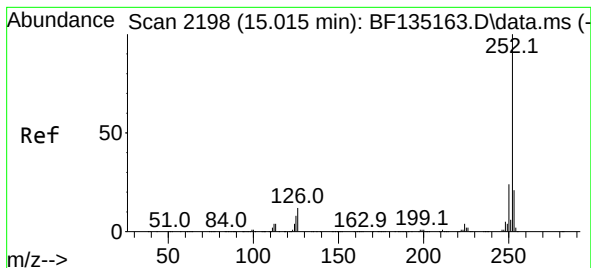
Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

125 9.8 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 37.433 ng

RT: 15.016 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF135258.D

Acq: 14 Sep 2023 17:21

Instrument :

BNA_F

ClientSampleId :

MW-4-6MS

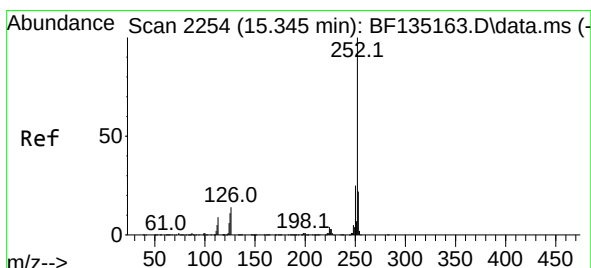
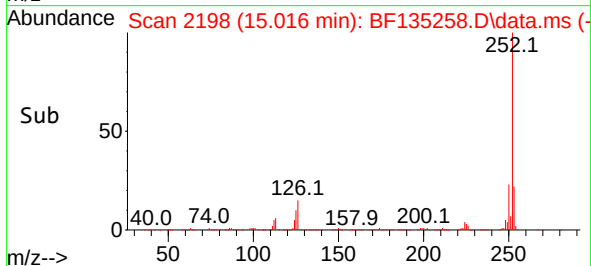
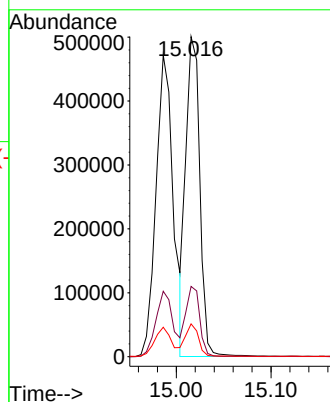
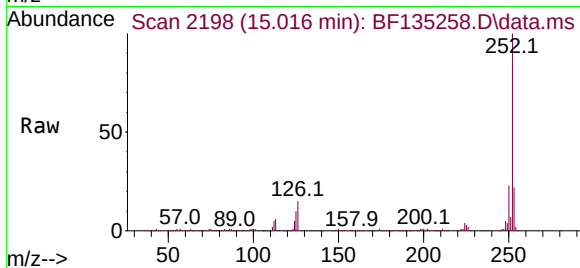
Tgt Ion:252 Resp: 515862

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 10.3 7.2 10.8



#90

Benzo(a)pyrene

Concen: 39.770 ng

RT: 15.351 min Scan# 2255

Delta R.T. 0.006 min

Lab File: BF135258.D

Acq: 14 Sep 2023 17:21

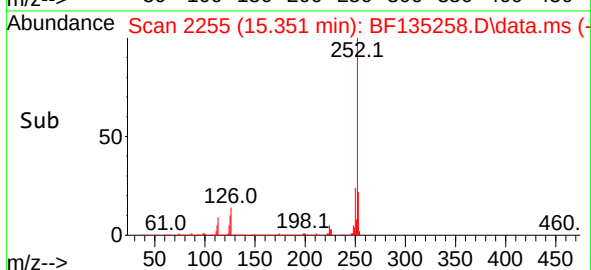
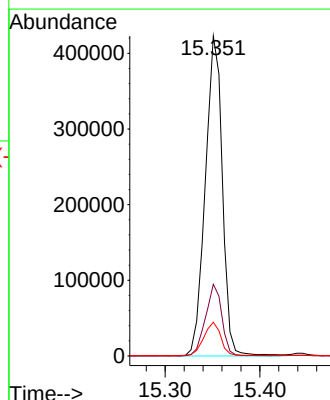
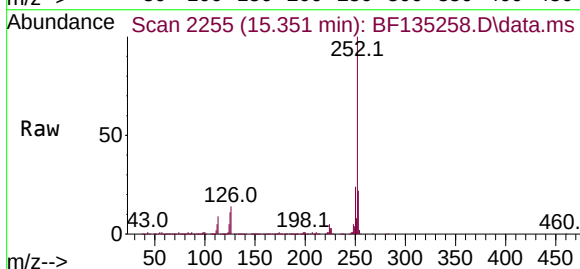
Tgt Ion:252 Resp: 529094

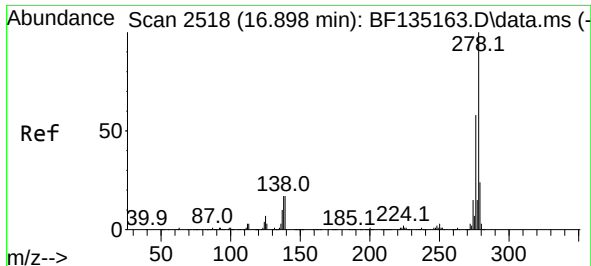
Ion Ratio Lower Upper

252 100

253 22.4 17.5 26.3

125 10.5 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 45.364 ng

RT: 16.915 min Scan# 2521

Delta R.T. 0.018 min

Lab File: BF135258.D

Acq: 14 Sep 2023 17:21

Instrument :

BNA_F

ClientSampleId :

MW-4-6MS

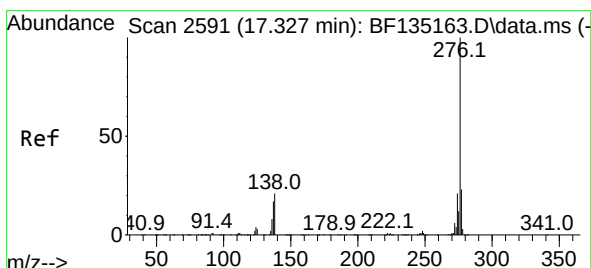
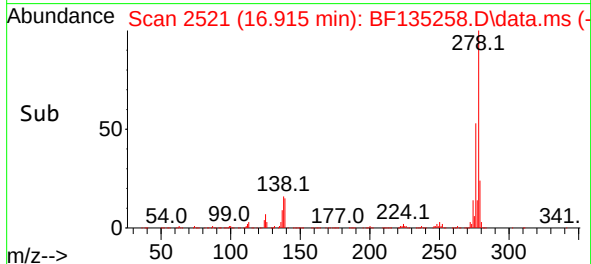
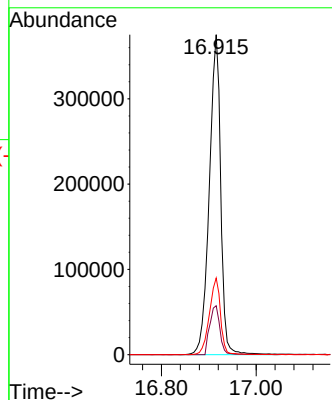
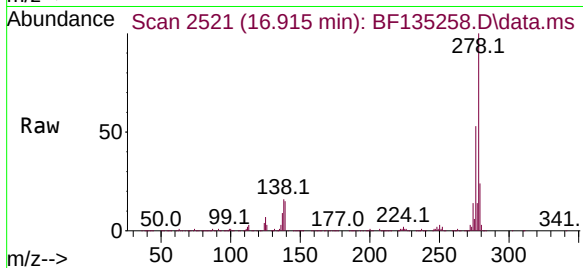
Tgt Ion:278 Resp: 627184

Ion Ratio Lower Upper

278 100

139 15.3 13.4 20.0

279 24.0 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 44.328 ng

RT: 17.351 min Scan# 2595

Delta R.T. 0.024 min

Lab File: BF135258.D

Acq: 14 Sep 2023 17:21

Tgt Ion:276 Resp: 640057

Ion Ratio Lower Upper

276 100

277 22.7 18.8 28.2

138 19.2 16.9 25.3

