

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121123\
 Data File : BF136497.D
 Acq On : 11 Dec 2023 18:46
 Operator : CG\JU
 Sample : 05551-03MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-110MSD

Quant Time: Dec 11 23:45:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	134049	20.000	ng	-0.01
21) Naphthalene-d8	8.075	136	538713	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	277351	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	477249	20.000	ng	0.00
76) Chrysene-d12	13.974	240	233581	20.000	ng	0.00
86) Perylene-d12	15.451	264	265937	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	352825	38.871	ng	0.00
7) Phenol-d6	6.433	99	278275	24.572	ng	-0.01
23) Nitrobenzene-d5	7.357	82	626820	62.902	ng	-0.01
42) 2,4,6-Tribromophenol	10.627	330	299549	87.594	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1297540	63.836	ng	-0.01
79) Terphenyl-d14	12.915	244	1108757	62.565	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	52947	14.748	ng	98
3) Pyridine	3.387	79	126545	14.555	ng	94
4) n-Nitrosodimethylamine	3.340	42	57472	15.215	ng	95
6) Aniline	6.463	93	213584	18.662	ng	99
8) 2-Chlorophenol	6.586	128	274960	27.748	ng	97
9) Benzaldehyde	6.351	77	141761	22.179	ng	95
10) Phenol	6.451	94	131218	10.889	ng	87
11) bis(2-Chloroethyl)ether	6.533	93	307881	34.276	ng	99
12) 1,3-Dichlorobenzene	6.733	146	283998	25.485	ng	97
13) 1,4-Dichlorobenzene	6.810	146	291968	25.828	ng	97
14) 1,2-Dichlorobenzene	6.963	146	282421	26.568	ng	99
15) Benzyl Alcohol	6.939	79	178840	23.583	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.069	45	368984	31.940	ng	92
17) 2-Methylphenol	7.057	107	192278	24.018	ng	93
18) Hexachloroethane	7.304	117	95702	24.248	ng	95
19) n-Nitroso-di-n-propyla...	7.210	70	225268	34.483	ng	100
20) 3+4-Methylphenols	7.204	107	199836	20.111	ng	# 52
22) Acetophenone	7.204	105	481056	36.162	ng	# 96
24) Nitrobenzene	7.375	77	332608	33.179	ng	99
25) Isophorone	7.616	82	618787	34.563	ng	98
26) 2-Nitrophenol	7.692	139	177380	35.992	ng	95
27) 2,4-Dimethylphenol	7.733	122	237618	39.102	ng	99
28) bis(2-Chloroethoxy)met...	7.827	93	388380	35.304	ng	98
29) 2,4-Dichlorophenol	7.933	162	263152	32.808	ng	99
30) 1,2,4-Trichlorobenzene	8.016	180	272638	29.150	ng	97
31) Naphthalene	8.098	128	900919	30.326	ng	99
32) Benzoic acid	7.810	122	31450	5.217	ng	90
33) 4-Chloroaniline	8.145	127	136629	12.900	ng	98
34) Hexachlorobutadiene	8.210	225	140721	25.387	ng	98
35) Caprolactam	8.516	113	16010	6.481	ng	89
36) 4-Chloro-3-methylphenol	8.633	107	259624	30.484	ng	96
37) 2-Methylnaphthalene	8.786	142	605758	32.051	ng	94
38) 1-Methylnaphthalene	8.886	142	585375	31.563	ng	98
40) 1,2,4,5-Tetrachloroben...	8.951	216	310102	35.938	ng	98
41) Hexachlorocyclopentadiene	8.939	237	208087	65.094	ng	96
43) 2,4,6-Trichlorophenol	9.069	196	200365	35.662	ng	98

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 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	213519	34.050	ng	95
46) 1,1'-Biphenyl	9.251	154	832755	35.287	ng	99
47) 2-Chloronaphthalene	9.274	162	620833	33.799	ng	98
48) 2-Nitroaniline	9.374	65	178082	36.148	ng	98
49) Acenaphthylene	9.692	152	962079	36.768	ng	98
50) Dimethylphthalate	9.563	163	731723	35.834	ng	99
51) 2,6-Dinitrotoluene	9.621	165	160734	34.989	ng	99
52) Acenaphthene	9.869	154	573558	34.207	ng	96
53) 3-Nitroaniline	9.786	138	78762	16.790	ng	94
54) 2,4-Dinitrophenol	9.898	184	134758	58.020	ng	92
55) Dibenzofuran	10.039	168	852135	34.788	ng	99
56) 4-Nitrophenol	9.957	139	72813	20.705	ng	99
57) 2,4-Dinitrotoluene	10.027	165	209908	34.541	ng	98
58) Fluorene	10.380	166	673284	34.241	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	174695	34.779	ng	99
60) Diethylphthalate	10.257	149	695814	34.654	ng	98
61) 4-Chlorophenyl-phenyle...	10.374	204	327392	34.155	ng	98
62) 4-Nitroaniline	10.410	138	149531	32.102	ng	98
63) Azobenzene	10.539	77	615601	33.683	ng	99
65) 4,6-Dinitro-2-methylph...	10.433	198	99580	33.691	ng	95
66) n-Nitrosodiphenylamine	10.498	169	589970	38.525	ng	99
67) 4-Bromophenyl-phenylether	10.868	248	208401	37.558	ng	96
68) Hexachlorobenzene	10.933	284	235715	36.755	ng	# 90
69) Atrazine	11.027	200	187560	42.912	ng	100
70) Pentachlorophenol	11.127	266	230726	63.746	ng	99
71) Phenanthrene	11.351	178	962983	36.711	ng	99
72) Anthracene	11.398	178	981654	37.154	ng	98
73) Carbazole	11.557	167	801488	34.274	ng	99
74) Di-n-butylphthalate	11.892	149	1011815	35.295	ng	100
75) Fluoranthene	12.539	202	866656	31.527	ng	99
77) Benzidine	12.662	184	121673	28.274	ng	98
78) Pyrene	12.768	202	843072	36.854	ng	98
80) Butylbenzylphthalate	13.398	149	314670	38.641	ng	96
81) Benzo(a)anthracene	13.962	228	597700	36.735	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	130009	28.499	ng	97
83) Chrysene	14.004	228	581971	36.355	ng	99
84) Bis(2-ethylhexyl)phtha...	13.962	149	414903	41.561	ng	99
85) Di-n-octyl phthalate	14.580	149	665405	45.124	ng	98
87) Indeno(1,2,3-cd)pyrene	16.956	276	718013	38.864	ng	100
88) Benzo(b)fluoranthene	15.021	252	602262	33.123	ng	99
89) Benzo(k)fluoranthene	15.051	252	562465	32.824	ng	99
90) Benzo(a)pyrene	15.392	252	532109	35.436	ng	99
91) Dibenzo(a,h)anthracene	16.980	278	597421	39.471	ng	98
92) Benzo(g,h,i)perylene	17.415	276	583200	37.541	ng	98

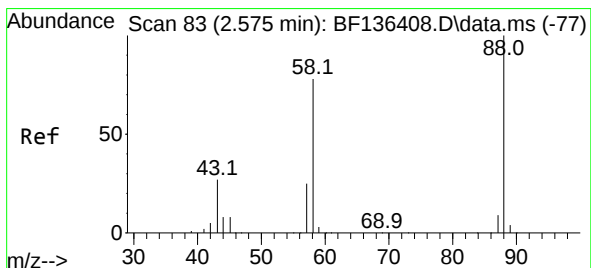
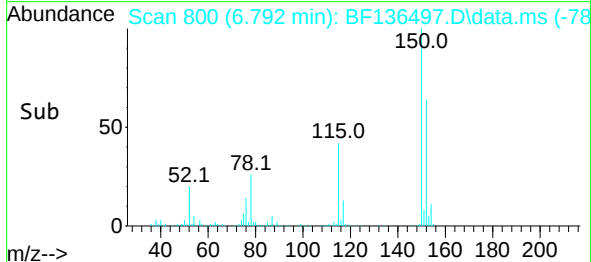
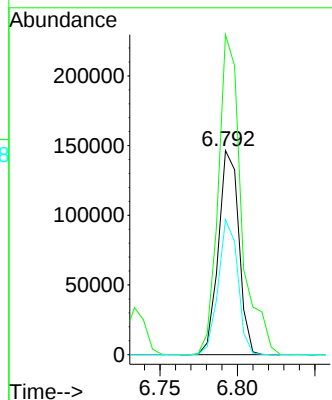
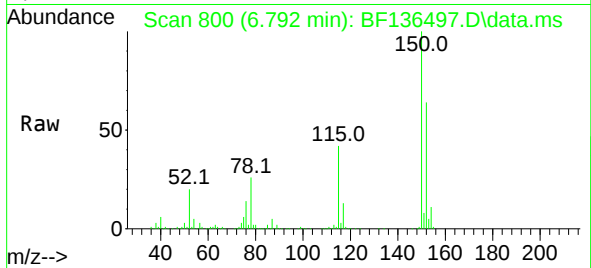
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 80
 Delta R.T. -0.012 min
 Lab File: BF136497.D
 Acq: 11 Dec 2023 18:46

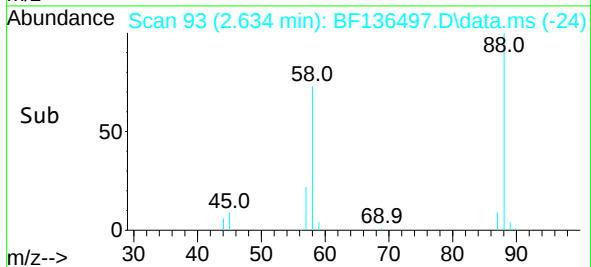
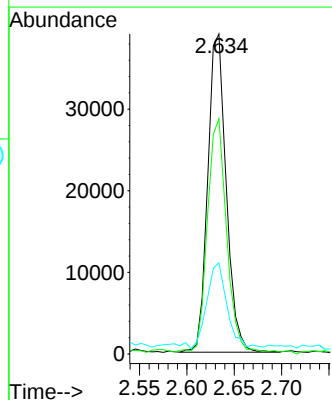
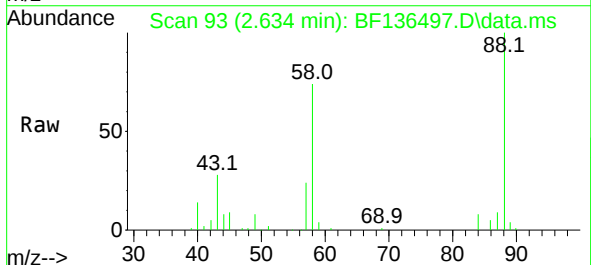
Instrument :
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 MW-110MSD

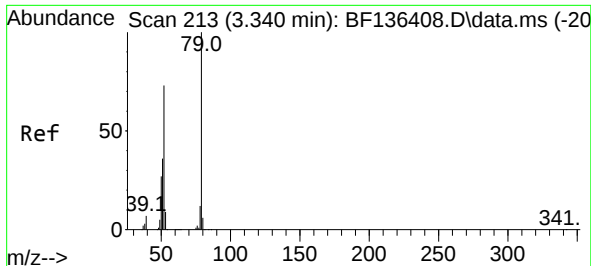
Tgt Ion:152 Resp: 134049
 Ion Ratio Lower Upper
 152 100
 150 156.8 126.4 189.6
 115 66.1 48.2 72.4



#2
 1,4-Dioxane
 Concen: 14.748 ng
 RT: 2.634 min Scan# 93
 Delta R.T. 0.059 min
 Lab File: BF136497.D
 Acq: 11 Dec 2023 18:46

Tgt Ion: 88 Resp: 52947
 Ion Ratio Lower Upper
 88 100
 58 78.8 62.2 93.2
 43 29.7 21.5 32.3

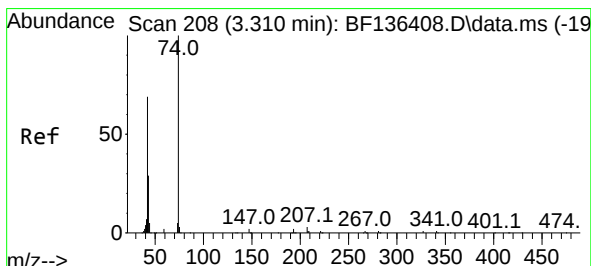
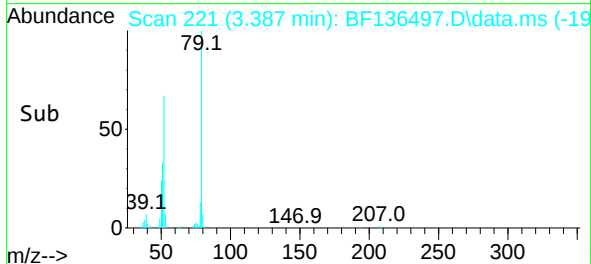
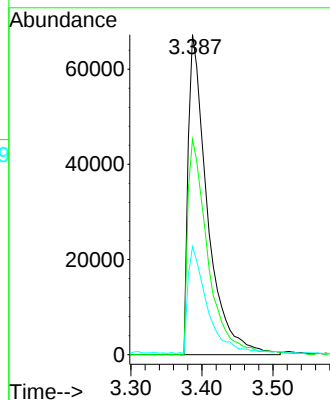
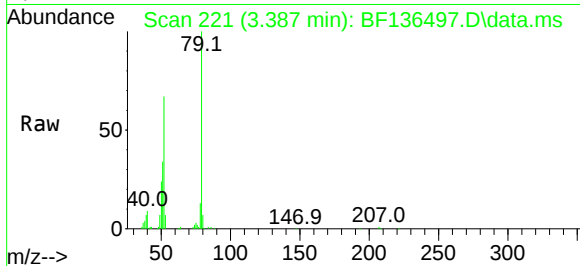




#3
Pyridine
Concen: 14.555 ng
RT: 3.387 min Scan# 213
Delta R.T. 0.047 min
Lab File: BF136497.D
Acq: 11 Dec 2023 18:46

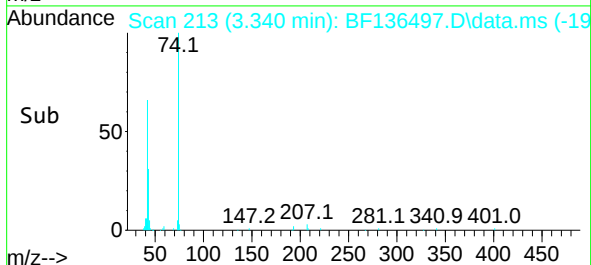
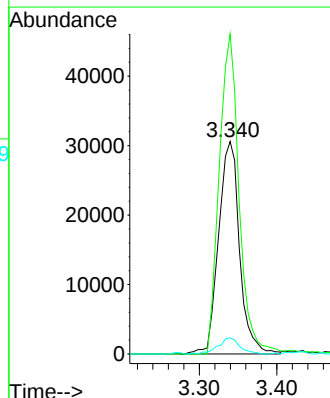
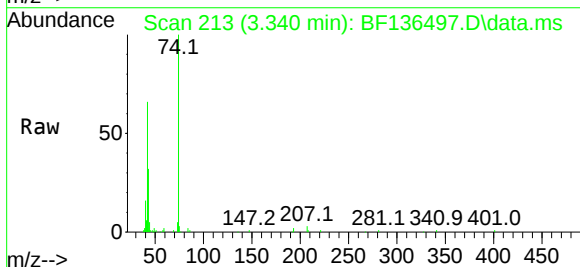
Instrument :
BNA_F
ClientSampleId :
MW-110MSD

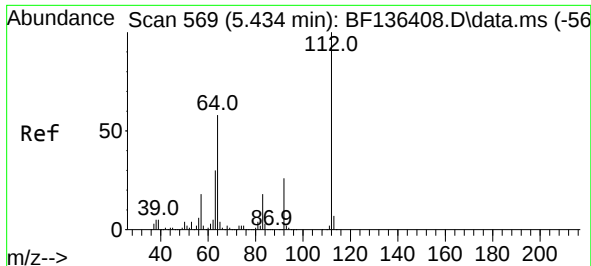
Tgt Ion: 79 Resp: 126545
Ion Ratio Lower Upper
79 100
52 67.4 58.2 87.2
51 33.8 29.1 43.7



#4
n-Nitrosodimethylamine
Concen: 15.215 ng
RT: 3.340 min Scan# 213
Delta R.T. 0.029 min
Lab File: BF136497.D
Acq: 11 Dec 2023 18:46

Tgt Ion: 42 Resp: 57472
Ion Ratio Lower Upper
42 100
74 150.7 115.4 173.0
44 7.6 6.2 9.2

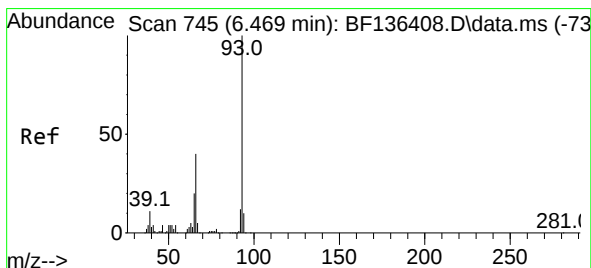
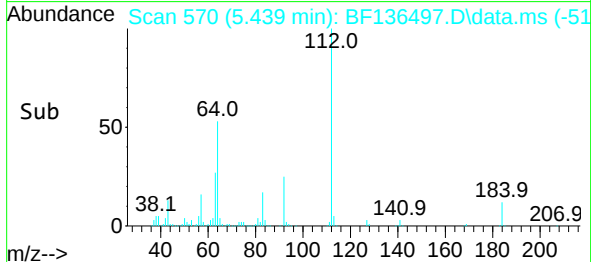
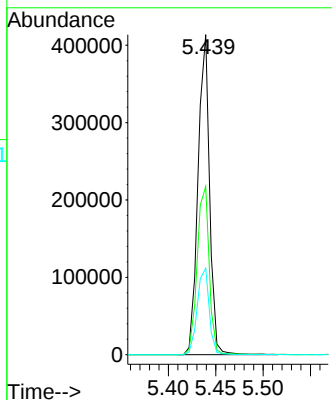
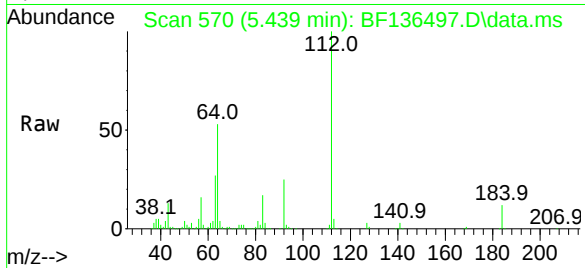




#5
2-Fluorophenol
Concen: 38.871 ng
RT: 5.439 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF136497.D
Acq: 11 Dec 2023 18:46

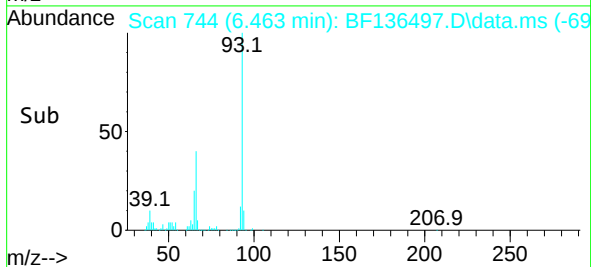
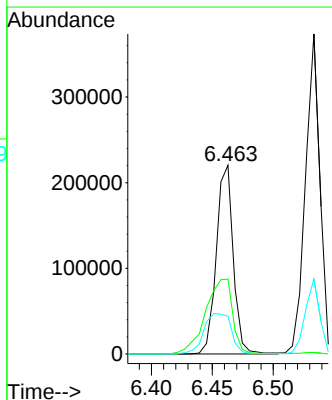
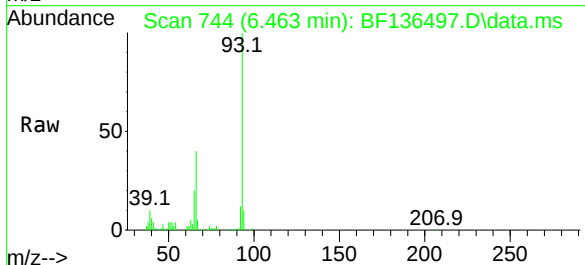
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:112 Resp: 352825
Ion Ratio Lower Upper
112 100
64 52.6 46.5 69.7
63 27.0 23.9 35.9



#6
Aniline
Concen: 18.662 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF136497.D
Acq: 11 Dec 2023 18:46

Tgt Ion: 93 Resp: 213584
Ion Ratio Lower Upper
93 100
66 39.7 32.5 48.7
65 20.0 16.4 24.6

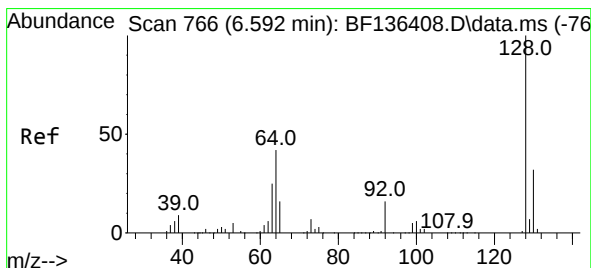
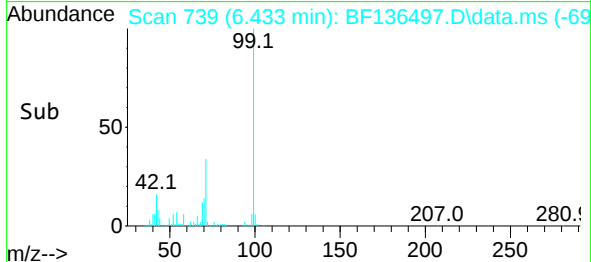
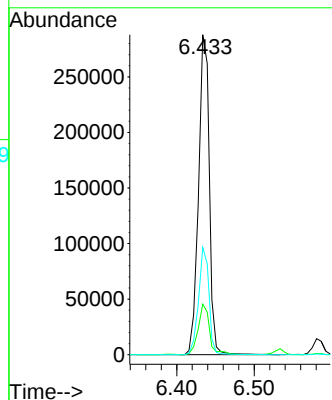
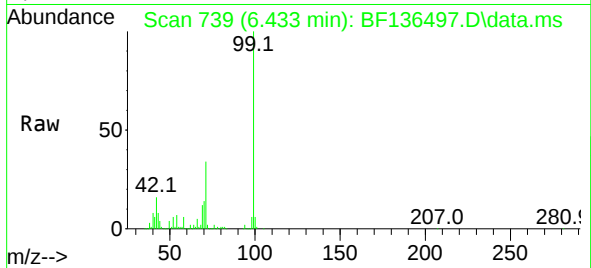




#7
Phenol-d6
Concen: 24.572 ng
RT: 6.433 min Scan# 713
Delta R.T. -0.012 min
Lab File: BF136497.D
Acq: 11 Dec 2023 18:46

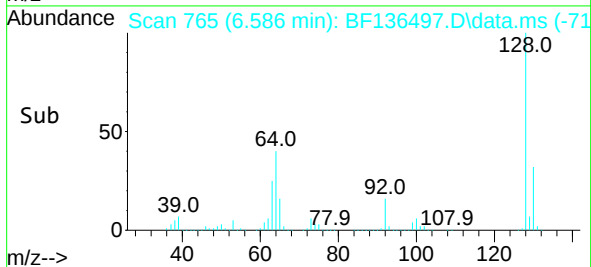
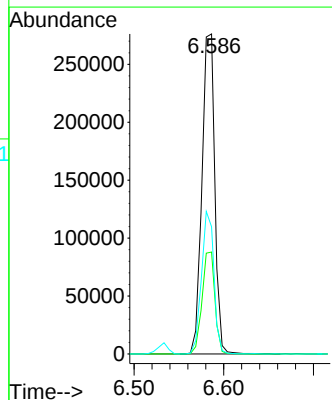
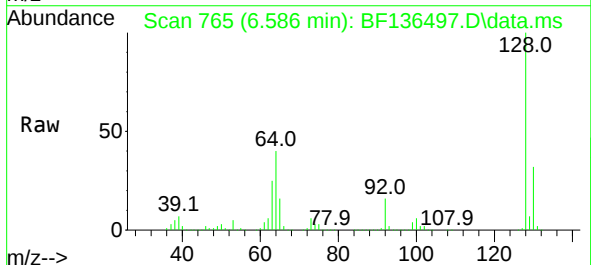
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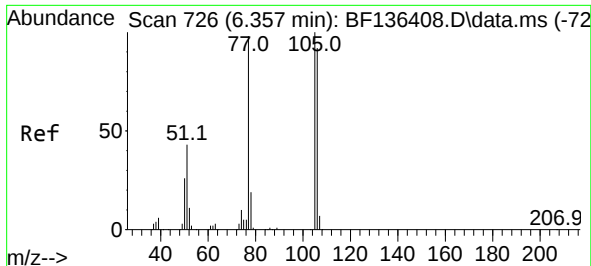
Tgt Ion: 99 Resp: 278275
Ion Ratio Lower Upper
99 100
42 15.8 12.8 19.2
71 33.5 27.0 40.4



#8
2-Chlorophenol
Concen: 27.748 ng
RT: 6.586 min Scan# 765
Delta R.T. -0.006 min
Lab File: BF136497.D
Acq: 11 Dec 2023 18:46

Tgt Ion: 128 Resp: 274960
Ion Ratio Lower Upper
128 100
130 31.8 11.7 51.7
64 39.7 22.5 62.5

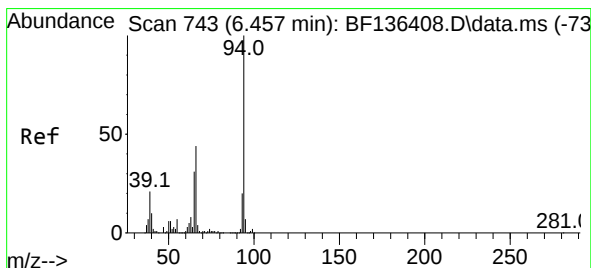
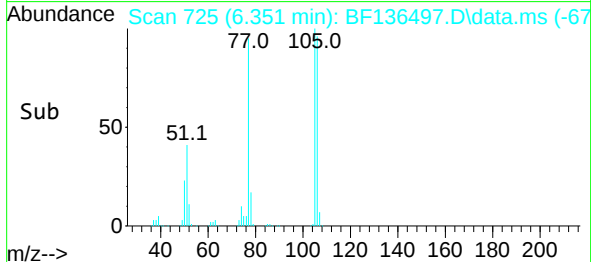
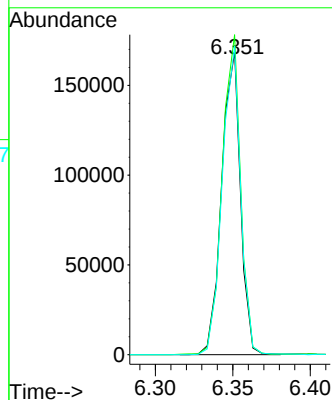
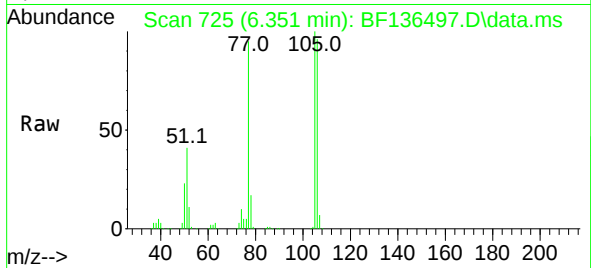




#9
Benzaldehyde
Concen: 22.179 ng
RT: 6.351 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136497.D
Acq: 11 Dec 2023 18:46

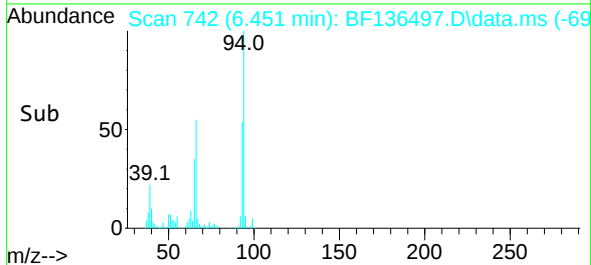
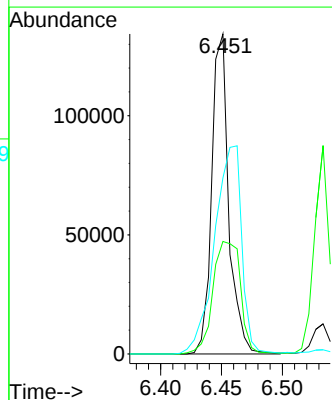
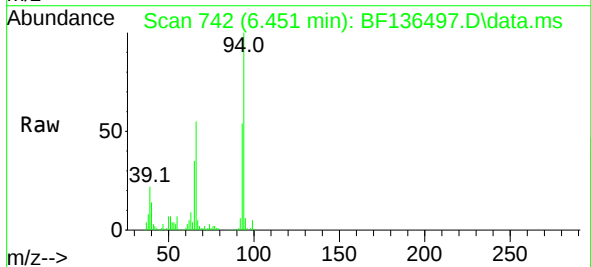
Instrument :
BNA_F
ClientSampleId :
MW-110MSD

Tgt Ion: 77 Resp: 141761
Ion Ratio Lower Upper
77 100
105 105.8 82.5 122.5
106 101.9 74.5 114.5



#10
Phenol
Concen: 10.889 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF136497.D
Acq: 11 Dec 2023 18:46

Tgt Ion: 94 Resp: 131218
Ion Ratio Lower Upper
94 100
65 35.2 11.2 51.2
66 55.0 24.2 64.2

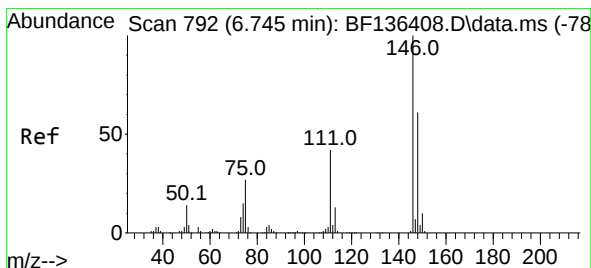
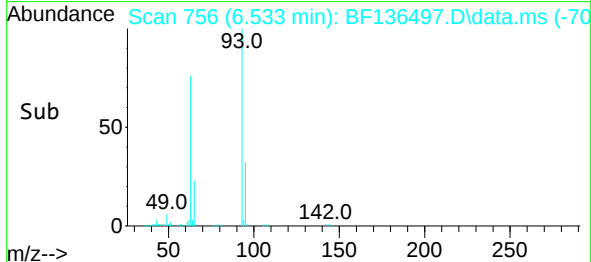
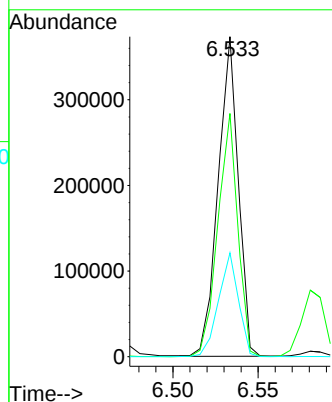
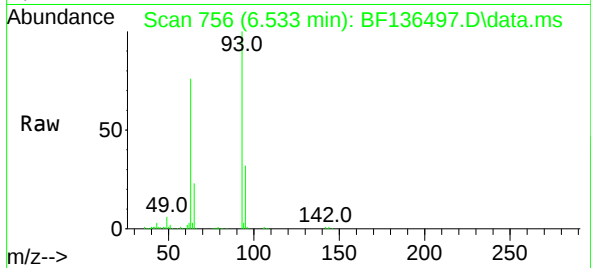




#11
bis(2-Chloroethyl)ether
Concen: 34.276 ng
RT: 6.533 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136497.D
Acq: 11 Dec 2023 18:46

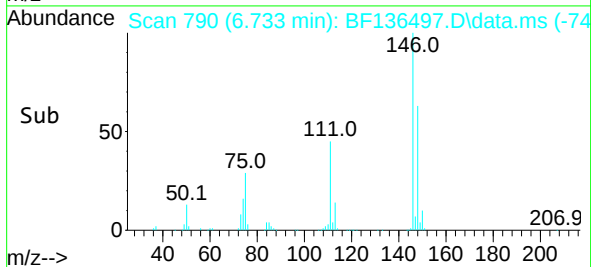
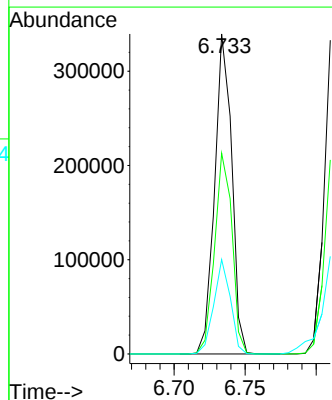
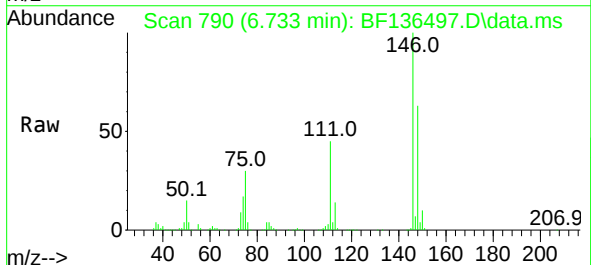
Instrument :
BNA_F
ClientSampleId :
MW-110MSD

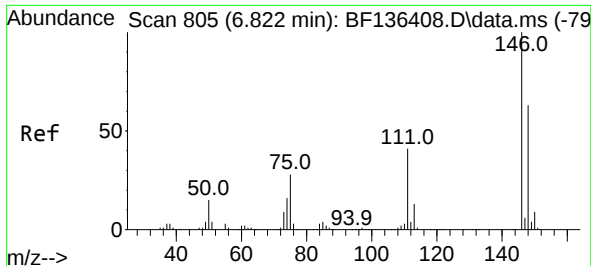
Tgt Ion: 93 Resp: 307881
Ion Ratio Lower Upper
93 100
63 76.0 56.8 96.8
95 32.4 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 25.485 ng
RT: 6.733 min Scan# 790
Delta R.T. -0.012 min
Lab File: BF136497.D
Acq: 11 Dec 2023 18:46

Tgt Ion:146 Resp: 283998
Ion Ratio Lower Upper
146 100
148 62.8 49.0 73.6
75 29.5 21.8 32.6





#13

1,4-Dichlorobenzene

Concen: 25.828 ng

RT: 6.810 min Scan# 80

Delta R.T. -0.012 min

Lab File: BF136497.D

Acq: 11 Dec 2023 18:46

Instrument :

BNA_F

ClientSampleId :

MW-110MSD

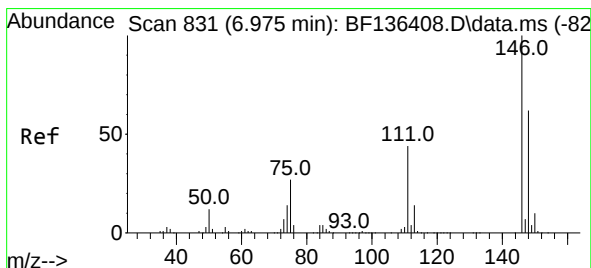
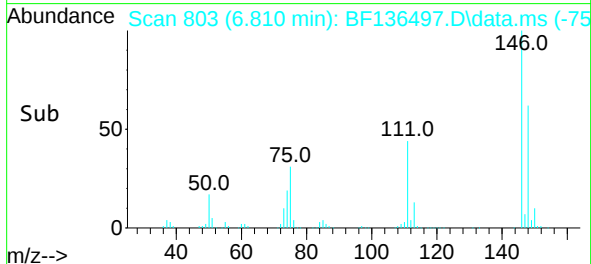
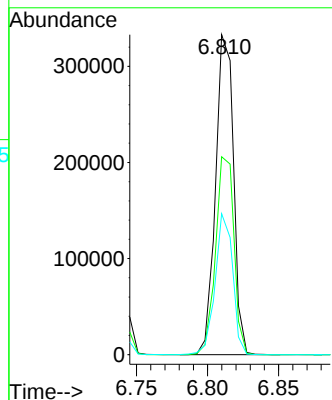
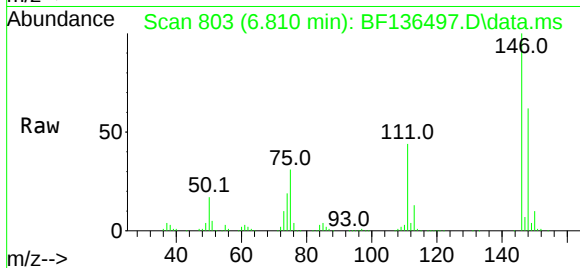
Tgt Ion:146 Resp: 291968

Ion Ratio Lower Upper

146 100

148 61.9 50.3 75.5

111 44.1 32.6 49.0



#14

1,2-Dichlorobenzene

Concen: 26.568 ng

RT: 6.963 min Scan# 829

Delta R.T. -0.012 min

Lab File: BF136497.D

Acq: 11 Dec 2023 18:46

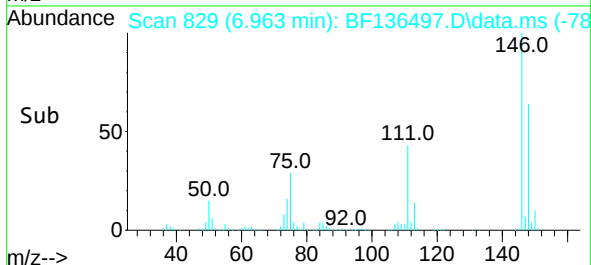
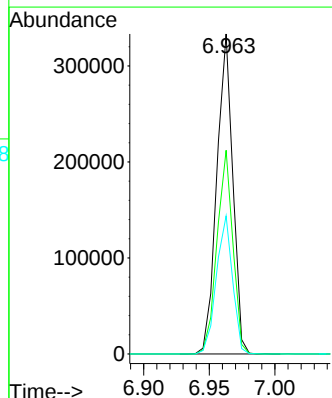
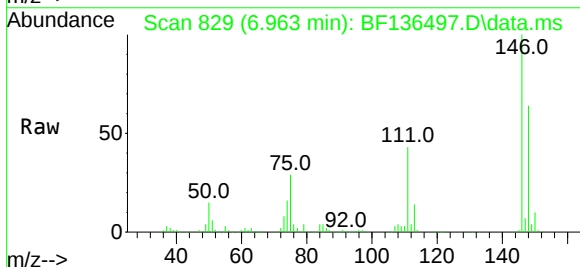
Tgt Ion:146 Resp: 282421

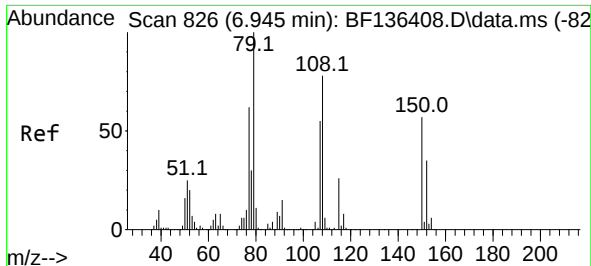
Ion Ratio Lower Upper

146 100

148 63.6 49.8 74.6

111 43.2 34.9 52.3

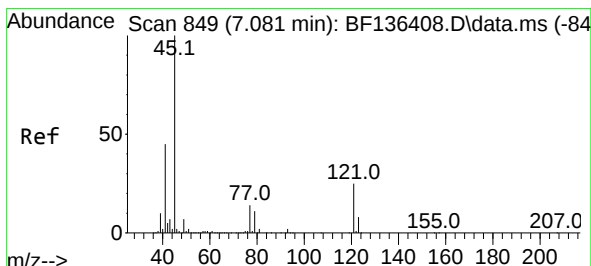
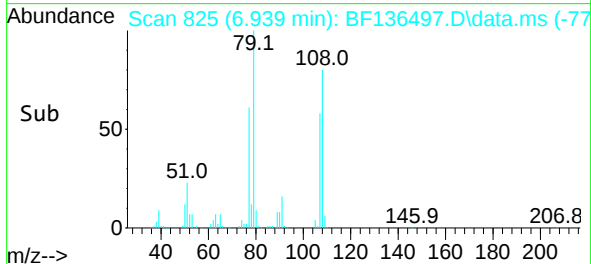
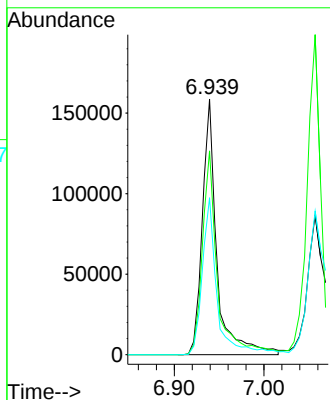
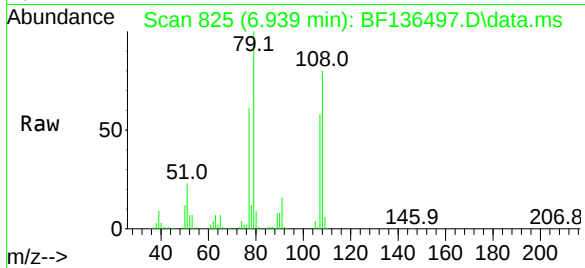




#15
Benzyl Alcohol
Concen: 23.583 ng
RT: 6.939 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136497.D
Acq: 11 Dec 2023 18:46

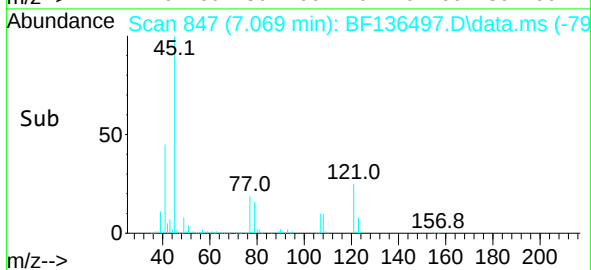
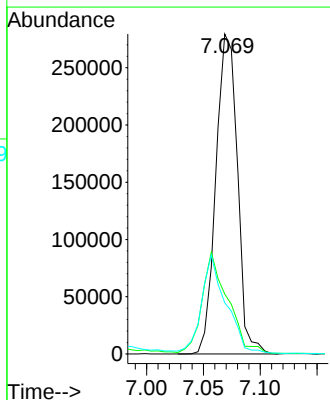
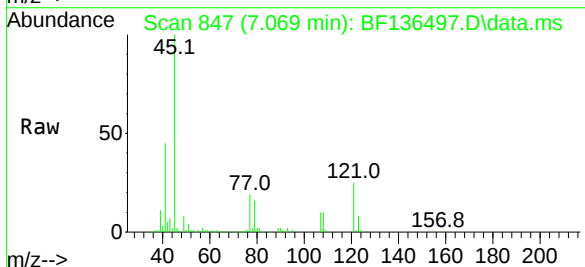
Instrument :
BNA_F
ClientSampleId :
MW-110MSD

Tgt Ion: 79 Resp: 178840
Ion Ratio Lower Upper
79 100
108 79.7 62.3 93.5
77 61.4 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.940 ng
RT: 7.069 min Scan# 847
Delta R.T. -0.012 min
Lab File: BF136497.D
Acq: 11 Dec 2023 18:46

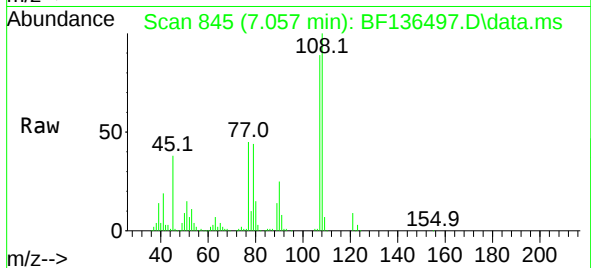
Tgt Ion: 45 Resp: 368984
Ion Ratio Lower Upper
45 100
77 18.7 0.0 35.3
79 16.0 0.0 32.5



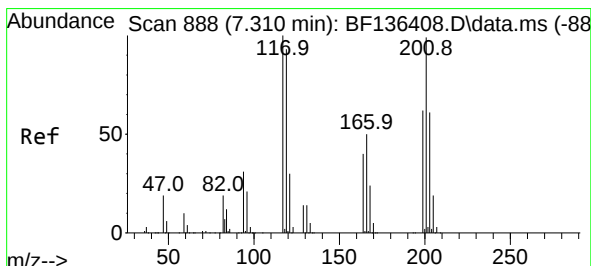
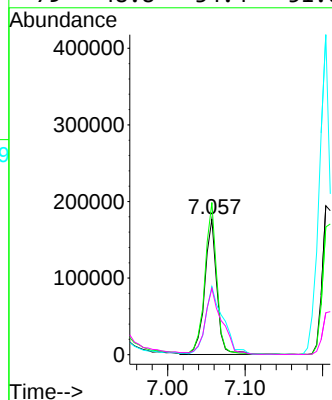
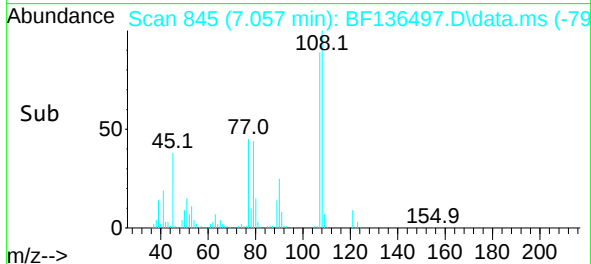


#17
2-Methylphenol
Concen: 24.018 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.000 min
Lab File: BF136497.D
Acq: 11 Dec 2023 18:46

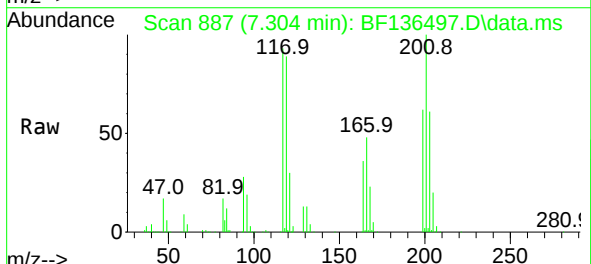
Instrument :
BNA_F
ClientSampleId :
MW-110MSD



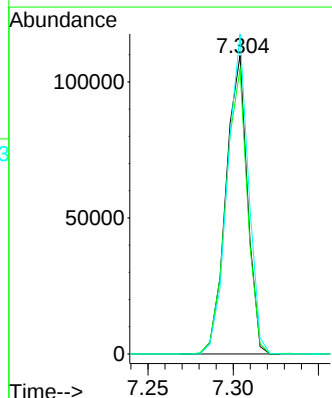
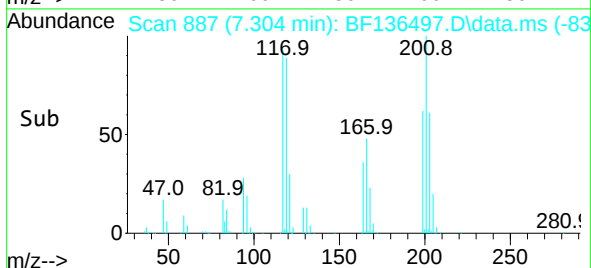
Tgt Ion:107 Resp: 192278
Ion Ratio Lower Upper
107 100
108 112.1 86.5 129.7
77 50.3 33.8 50.8
79 48.8 34.4 51.6

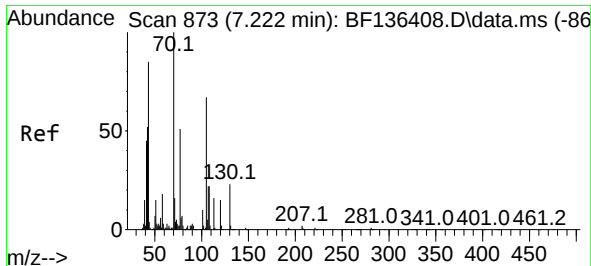


#18
Hexachloroethane
Concen: 24.248 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF136497.D
Acq: 11 Dec 2023 18:46



Tgt Ion:117 Resp: 95702
Ion Ratio Lower Upper
117 100
119 95.3 74.3 111.5
201 107.2 79.3 118.9





#19

n-Nitroso-di-n-propylamine

Concen: 34.483 ng

RT: 7.210 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF136497.D

Acq: 11 Dec 2023 18:46

Instrument :

BNA_F

ClientSampleId :

MW-110MSD

Tgt Ion: 70 Resp: 225268

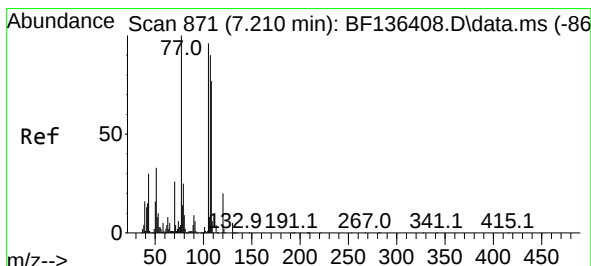
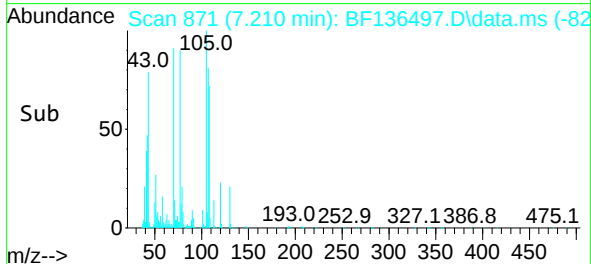
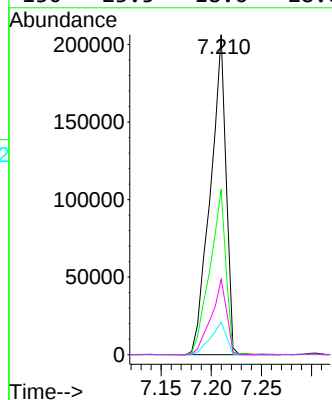
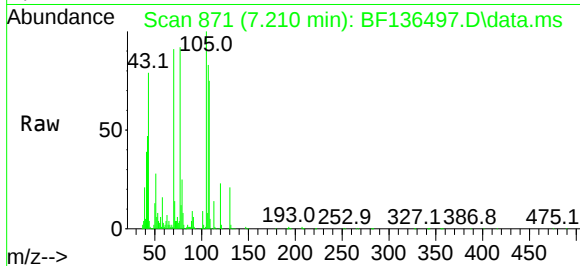
Ion Ratio Lower Upper

70 100

42 51.7 41.4 62.0

101 10.2 8.2 12.4

130 23.5 18.6 28.0



#20

3+4-Methylphenols

Concen: 20.111 ng

RT: 7.204 min Scan# 870

Delta R.T. -0.006 min

Lab File: BF136497.D

Acq: 11 Dec 2023 18:46

Tgt Ion: 107 Resp: 199836

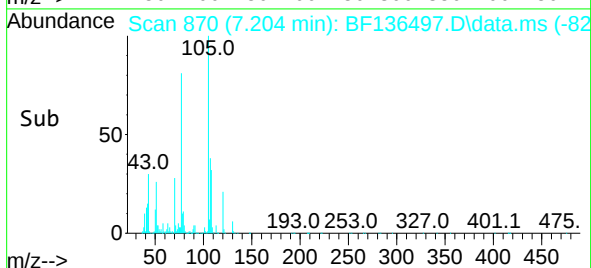
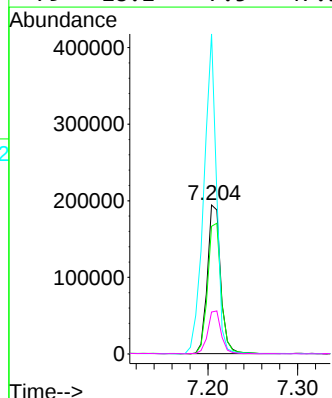
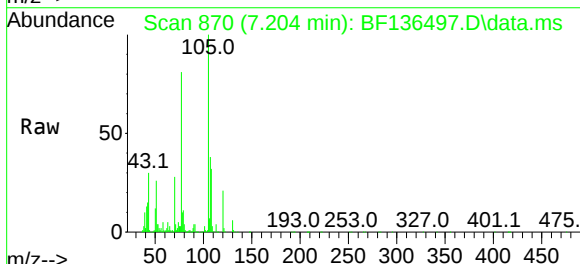
Ion Ratio Lower Upper

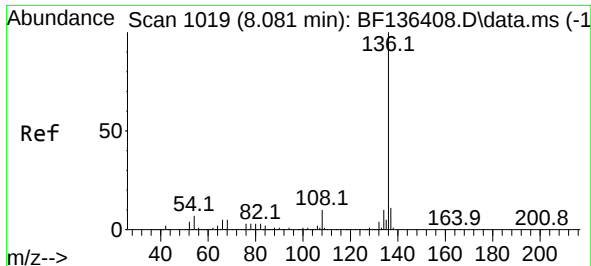
107 100

108 85.7 65.9 105.9

77 214.9 91.7 131.7#

79 28.2 7.5 47.5

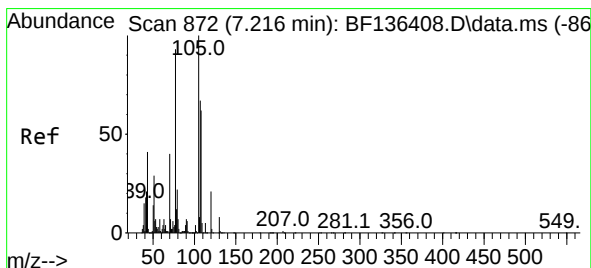
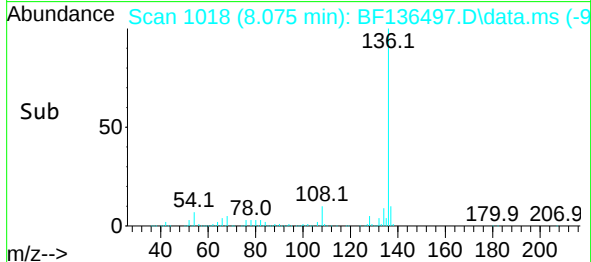
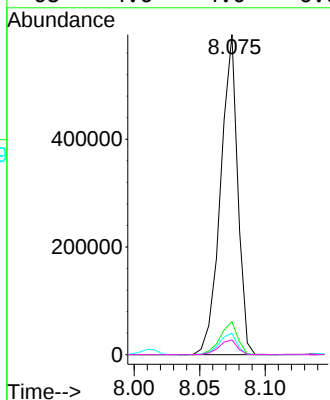
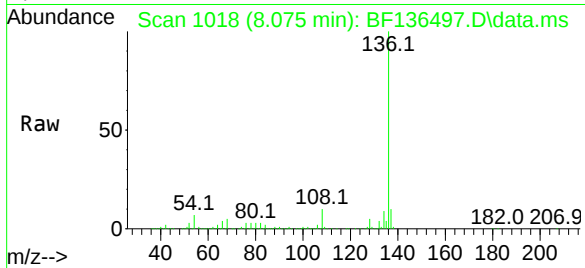




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136497.D
Acq: 11 Dec 2023 18:46

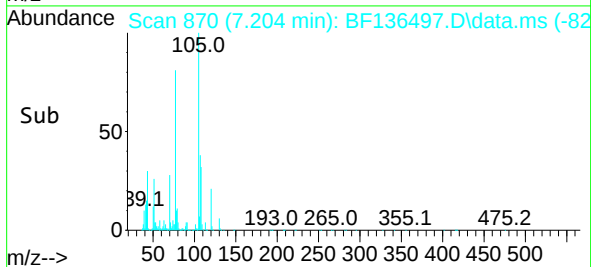
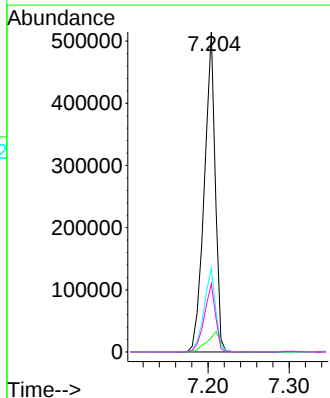
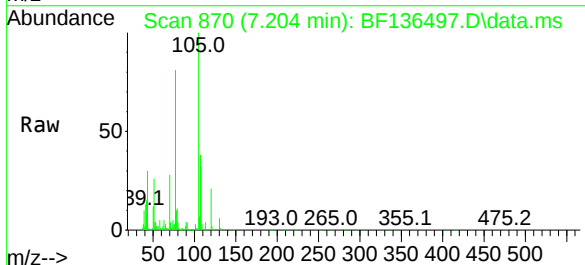
Instrument :
BNA_F
ClientSampleId :
MW-110MSD

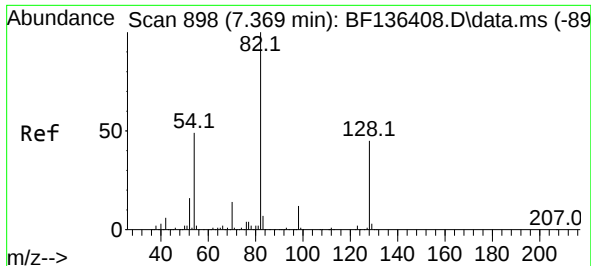
Tgt Ion:136 Resp: 538713
Ion Ratio Lower Upper
136 100
137 10.3 8.6 12.8
54 6.7 5.7 8.5
68 4.6 4.0 6.0



#22
Acetophenone
Concen: 36.162 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.012 min
Lab File: BF136497.D
Acq: 11 Dec 2023 18:46

Tgt Ion:105 Resp: 481056
Ion Ratio Lower Upper
105 100
71 4.4 5.4 8.0#
51 26.1 23.4 35.2
120 21.3 16.6 24.8





#23

Nitrobenzene-d5

Concen: 62.902 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF136497.D

Acq: 11 Dec 2023 18:46

Instrument :

BNA_F

ClientSampleId :

MW-110MSD

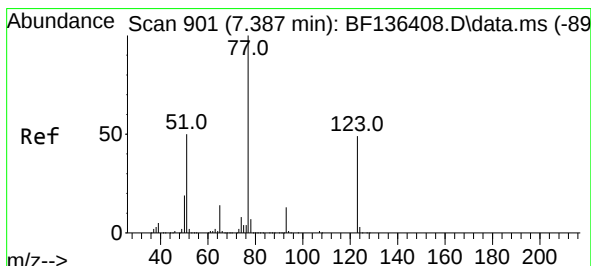
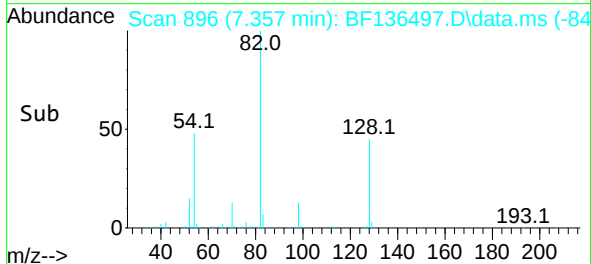
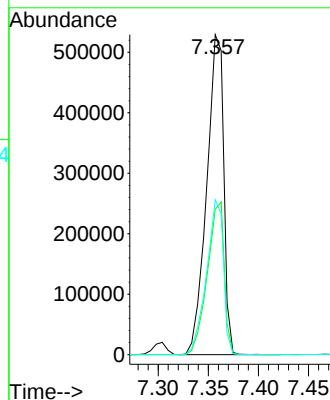
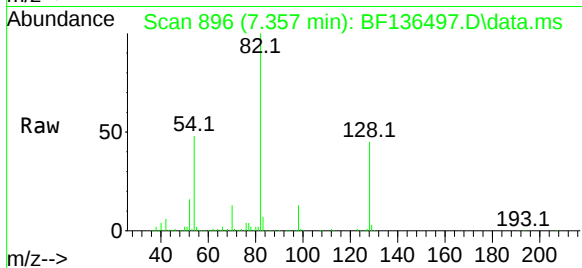
Tgt Ion: 82 Resp: 626820

Ion Ratio Lower Upper

82 100

128 45.4 36.3 54.5

54 48.4 39.0 58.6



#24

Nitrobenzene

Concen: 33.179 ng

RT: 7.375 min Scan# 899

Delta R.T. -0.012 min

Lab File: BF136497.D

Acq: 11 Dec 2023 18:46

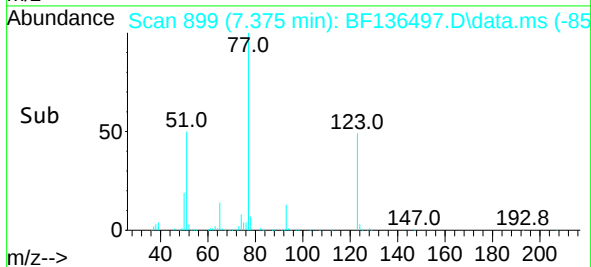
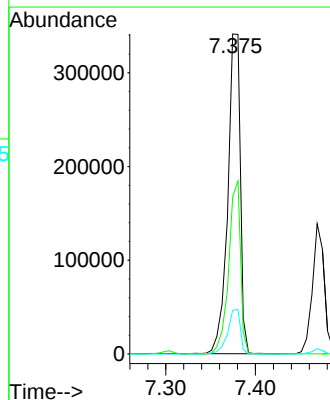
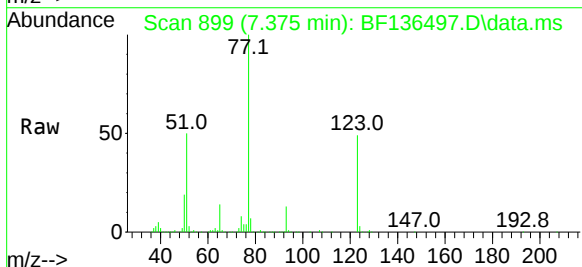
Tgt Ion: 77 Resp: 332608

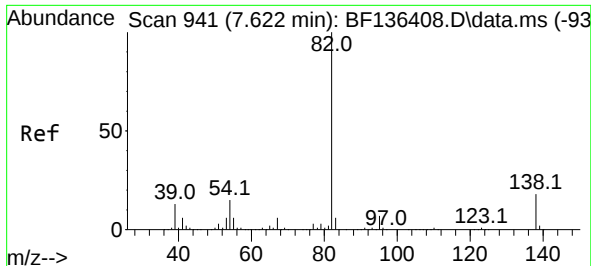
Ion Ratio Lower Upper

77 100

123 49.1 39.0 58.6

65 13.6 11.3 16.9

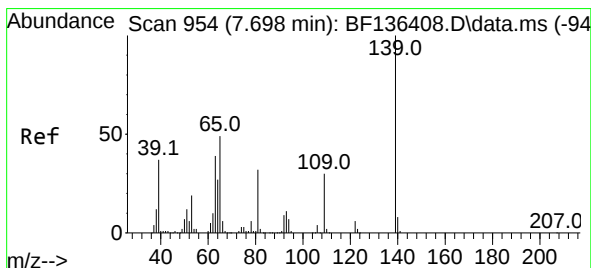
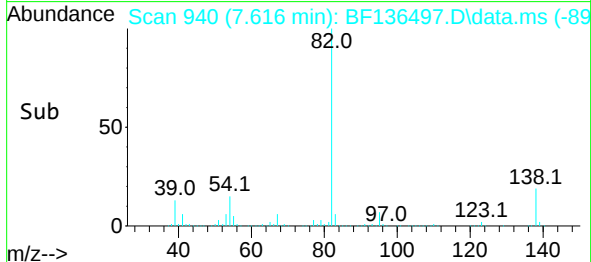
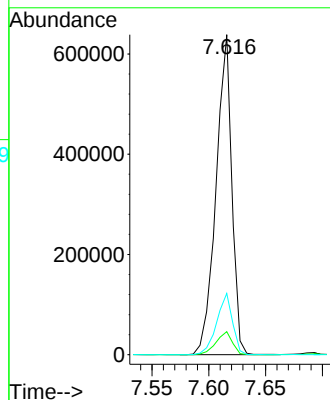
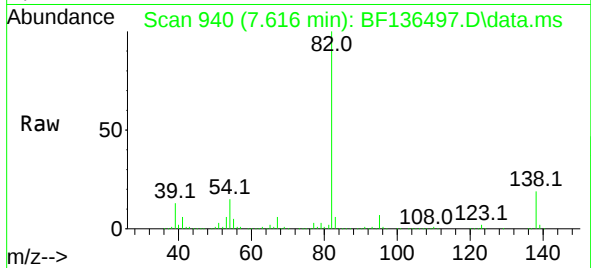




#25
Isophorone
Concen: 34.563 ng
RT: 7.616 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF136497.D
Acq: 11 Dec 2023 18:46

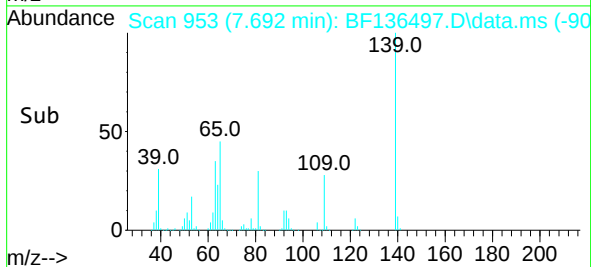
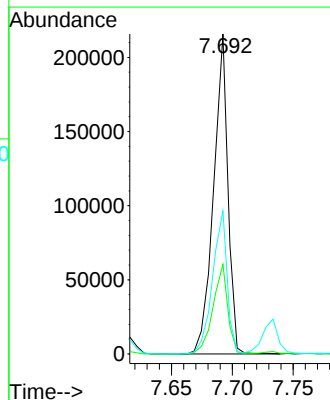
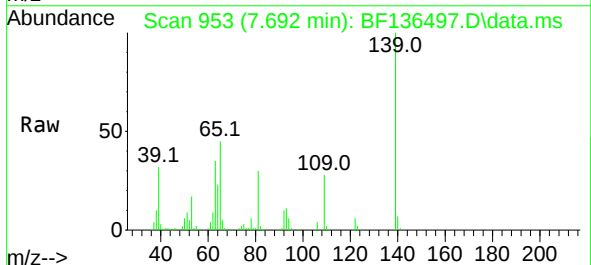
Instrument :
BNA_F
ClientSampleId :
MW-110MSD

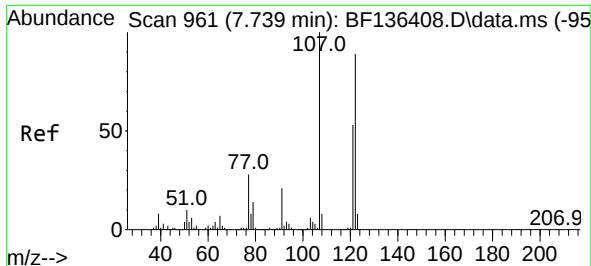
Tgt Ion: 82 Resp: 618787
Ion Ratio Lower Upper
82 100
95 7.2 5.7 8.5
138 19.2 14.5 21.7



#26
2-Nitrophenol
Concen: 35.992 ng
RT: 7.692 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF136497.D
Acq: 11 Dec 2023 18:46

Tgt Ion: 139 Resp: 177380
Ion Ratio Lower Upper
139 100
109 28.0 23.6 35.4
65 44.7 39.4 59.2





#27

2,4-Dimethylphenol

Concen: 39.102 ng

RT: 7.733 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF136497.D

Acq: 11 Dec 2023 18:46

Instrument :

BNA_F

ClientSampleId :

MW-110MSD

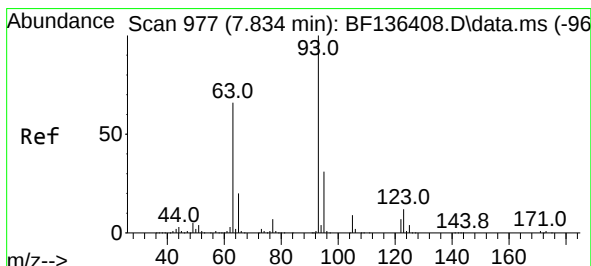
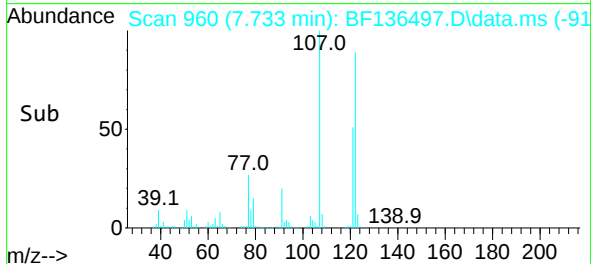
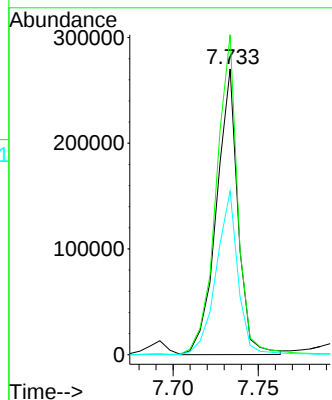
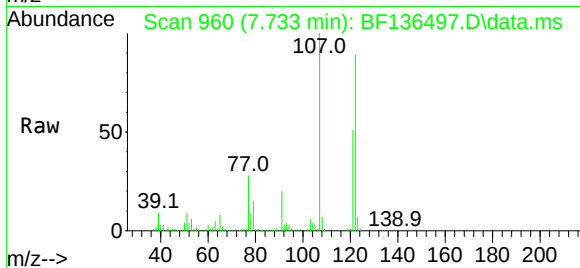
Tgt Ion:122 Resp: 237618

Ion Ratio Lower Upper

122 100

107 112.0 89.3 133.9

121 57.3 47.6 71.4



#28

bis(2-Chloroethoxy)methane

Concen: 35.304 ng

RT: 7.827 min Scan# 976

Delta R.T. -0.006 min

Lab File: BF136497.D

Acq: 11 Dec 2023 18:46

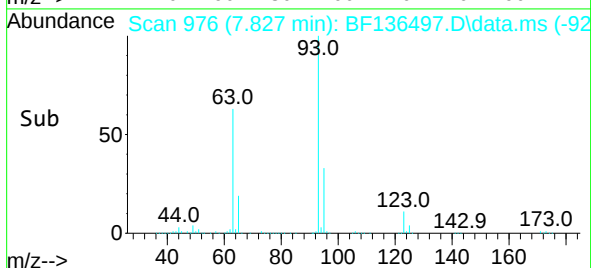
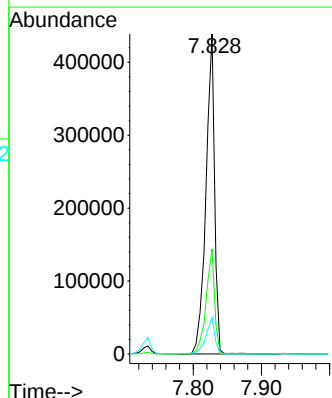
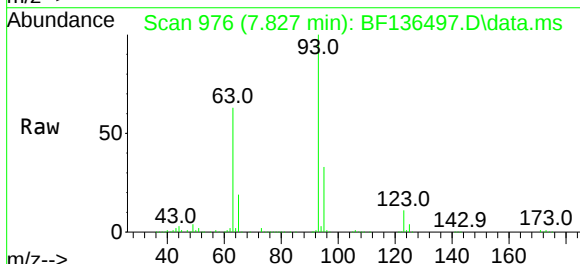
Tgt Ion: 93 Resp: 388380

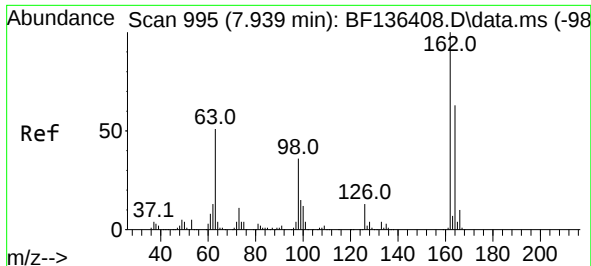
Ion Ratio Lower Upper

93 100

95 32.8 25.0 37.4

123 11.3 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 32.808 ng

RT: 7.933 min Scan# 995

Delta R.T. -0.006 min

Lab File: BF136497.D

Acq: 11 Dec 2023 18:46

Instrument :

BNA_F

ClientSampleId :

MW-110MSD

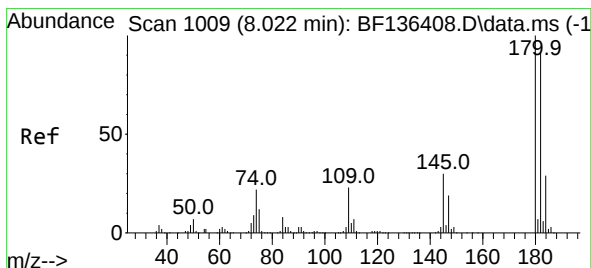
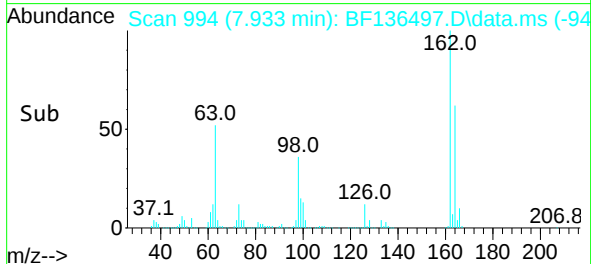
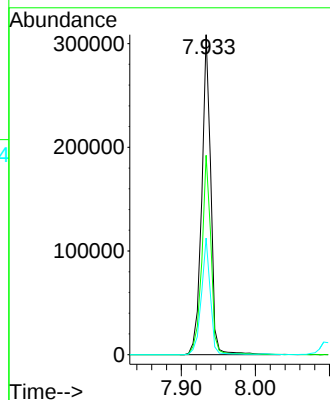
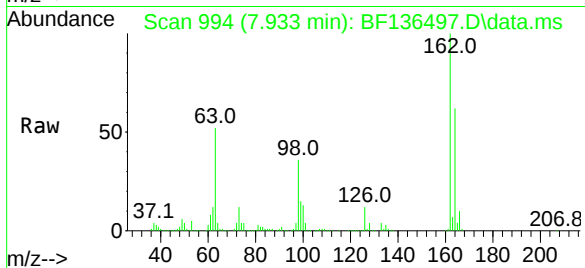
Tgt Ion:162 Resp: 263152

Ion Ratio Lower Upper

162 100

164 62.3 43.0 83.0

98 36.5 16.2 56.2



#30

1,2,4-Trichlorobenzene

Concen: 29.150 ng

RT: 8.016 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF136497.D

Acq: 11 Dec 2023 18:46

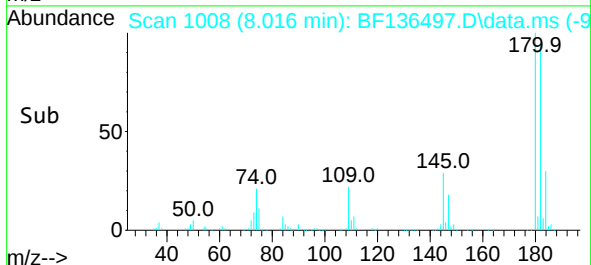
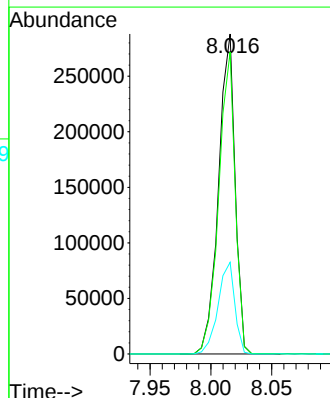
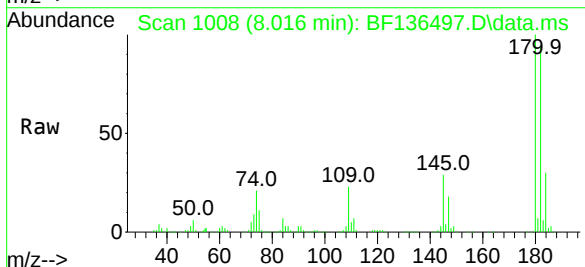
Tgt Ion:180 Resp: 272638

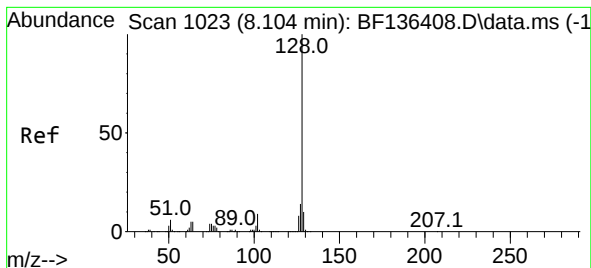
Ion Ratio Lower Upper

180 100

182 94.3 73.1 109.7

145 28.7 23.8 35.8





#31

Naphthalene

Concen: 30.326 ng

RT: 8.098 min Scan# 1023

Delta R.T. -0.006 min

Lab File: BF136497.D

Acq: 11 Dec 2023 18:46

Instrument :

BNA_F

ClientSampleId :

MW-110MSD

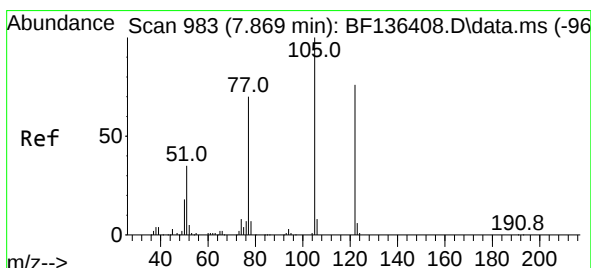
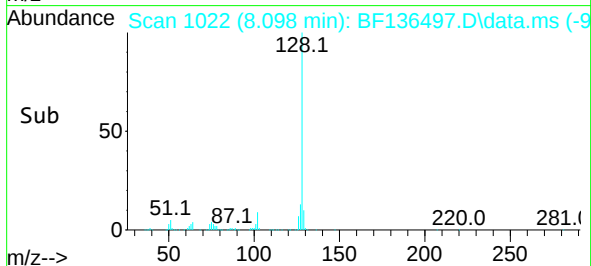
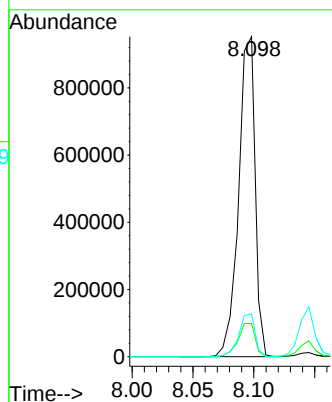
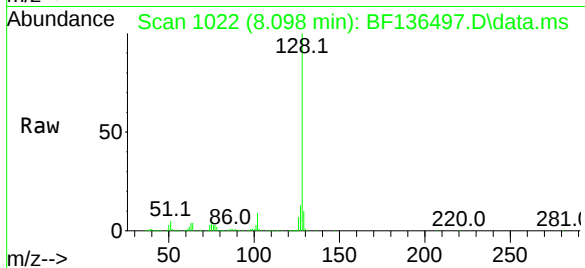
Tgt Ion:128 Resp: 900919

Ion Ratio Lower Upper

128 100

129 10.4 8.3 12.5

127 13.3 11.1 16.7



#32

Benzoic acid

Concen: 5.217 ng

RT: 7.810 min Scan# 973

Delta R.T. -0.059 min

Lab File: BF136497.D

Acq: 11 Dec 2023 18:46

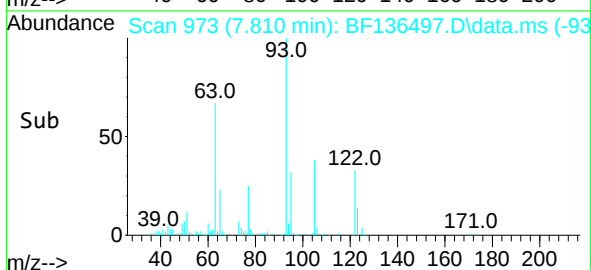
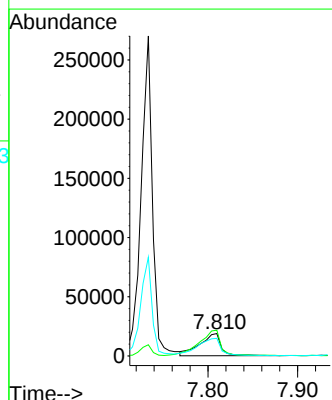
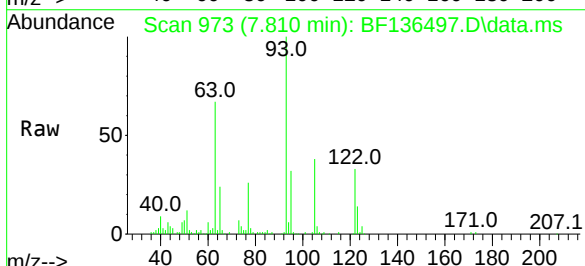
Tgt Ion:122 Resp: 31450

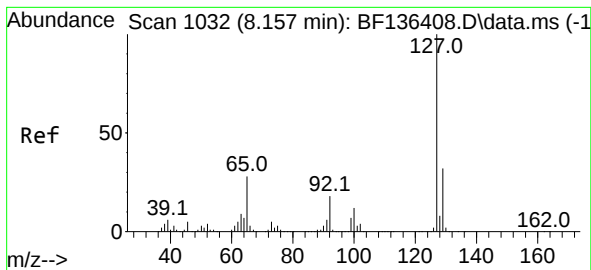
Ion Ratio Lower Upper

122 100

105 114.7 104.7 144.7

77 78.5 68.5 108.5





#33

4-Chloroaniline

Concen: 12.900 ng

RT: 8.145 min Scan# 1032

Delta R.T. -0.012 min

Lab File: BF136497.D

Acq: 11 Dec 2023 18:46

Instrument :

BNA_F

ClientSampleId :

MW-110MSD

Tgt Ion:127 Resp: 136629

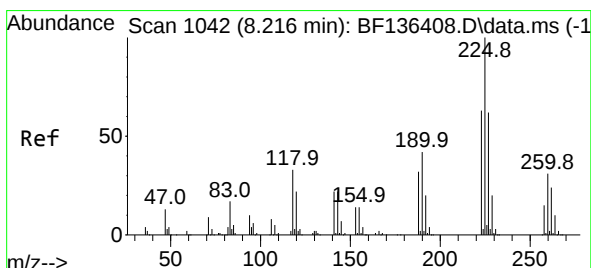
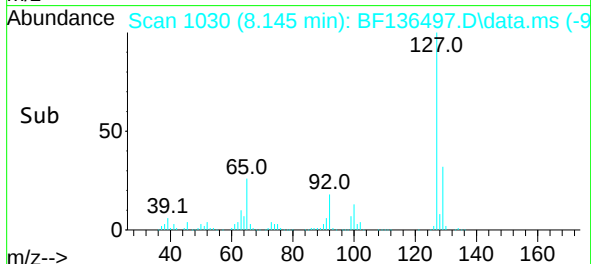
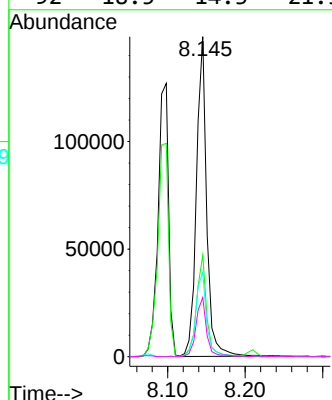
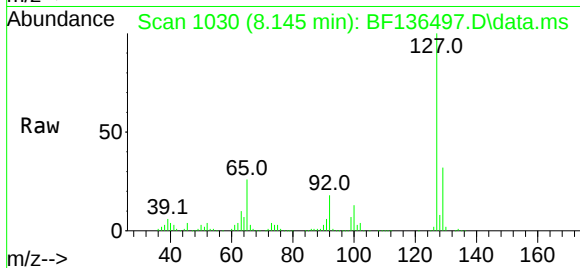
Ion Ratio Lower Upper

127 100

129 31.7 25.4 38.2

65 26.3 22.5 33.7

92 18.5 14.3 21.5



#34

Hexachlorobutadiene

Concen: 25.387 ng

RT: 8.210 min Scan# 1041

Delta R.T. -0.006 min

Lab File: BF136497.D

Acq: 11 Dec 2023 18:46

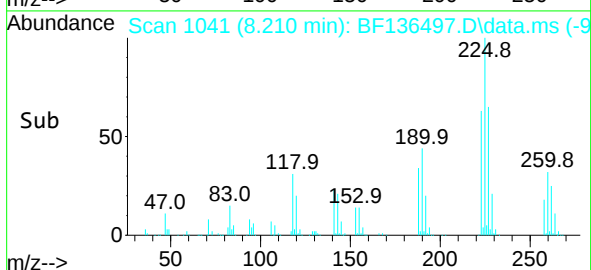
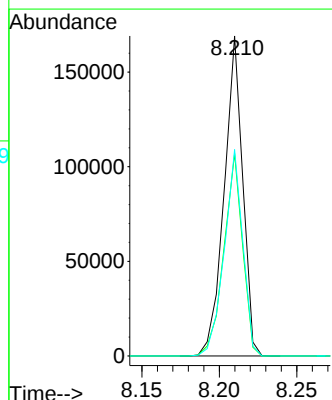
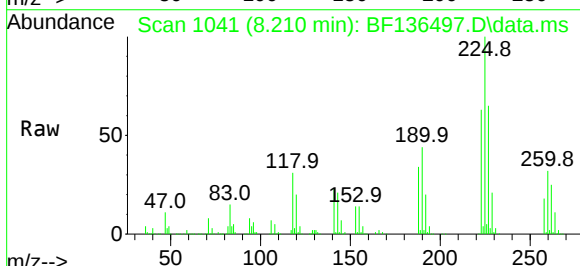
Tgt Ion:225 Resp: 140721

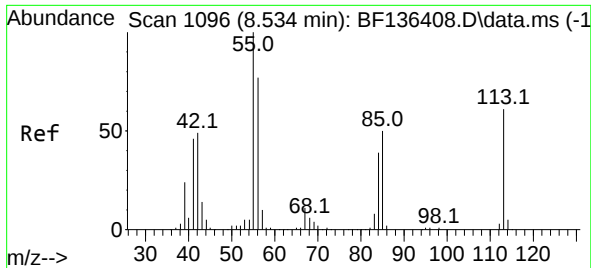
Ion Ratio Lower Upper

225 100

223 63.2 50.8 76.2

227 64.5 49.8 74.8

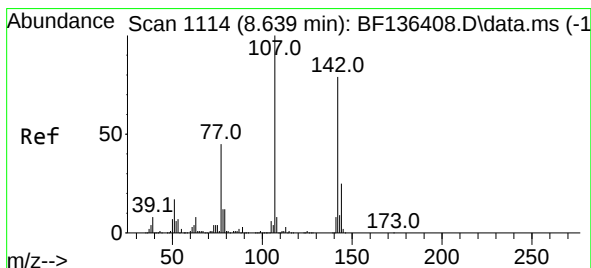
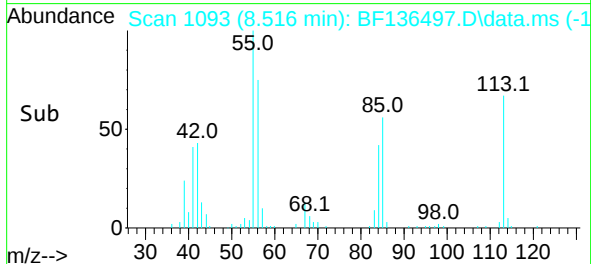
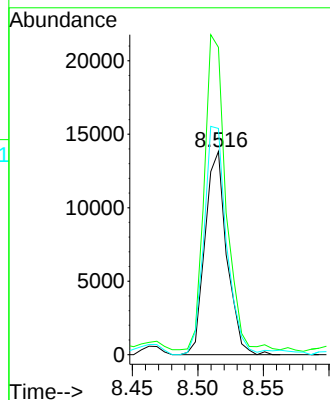
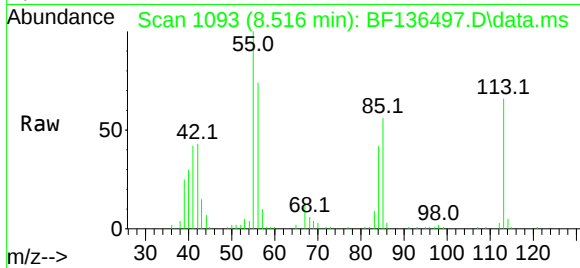




#35
 Caprolactam
 Concen: 6.481 ng
 RT: 8.516 min Scan# 1109
 Delta R.T. -0.018 min
 Lab File: BF136497.D
 Acq: 11 Dec 2023 18:46

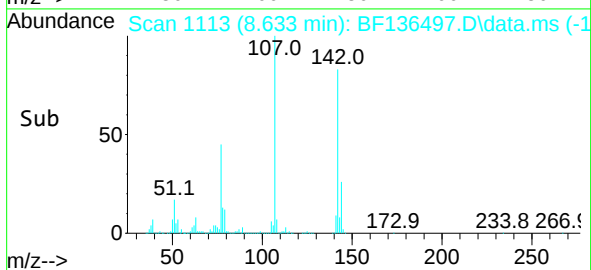
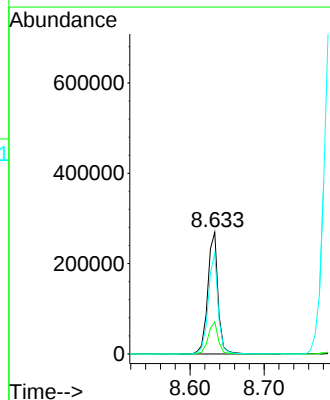
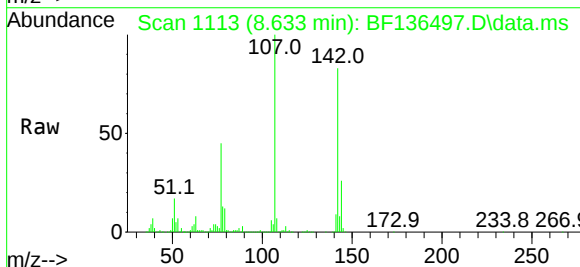
Instrument :
 BNA_F
 ClientSampleId :
 MW-110MSD

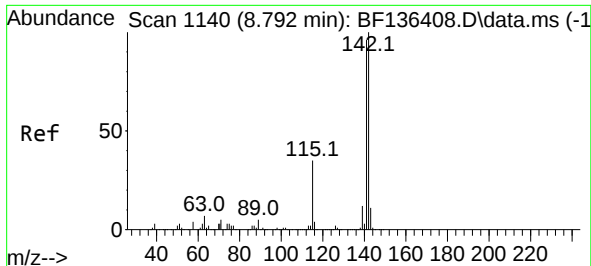
Tgt Ion:113 Resp: 16010
 Ion Ratio Lower Upper
 113 100
 55 151.3 143.7 183.7
 56 111.3 105.2 145.2



#36
 4-Chloro-3-methylphenol
 Concen: 30.484 ng
 RT: 8.633 min Scan# 1113
 Delta R.T. -0.006 min
 Lab File: BF136497.D
 Acq: 11 Dec 2023 18:46

Tgt Ion:107 Resp: 259624
 Ion Ratio Lower Upper
 107 100
 144 26.4 20.1 30.1
 142 83.0 63.1 94.7





#37

2-Methylnaphthalene

Concen: 32.051 ng

RT: 8.786 min Scan# 1139

Delta R.T. -0.006 min

Lab File: BF136497.D

Acq: 11 Dec 2023 18:46

Instrument :

BNA_F

ClientSampleId :

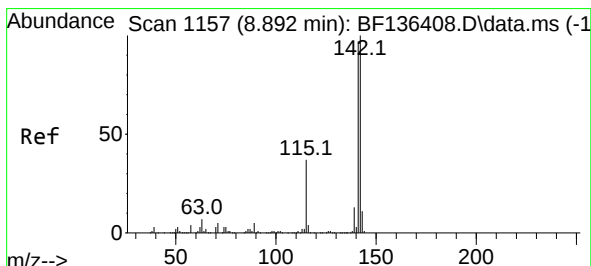
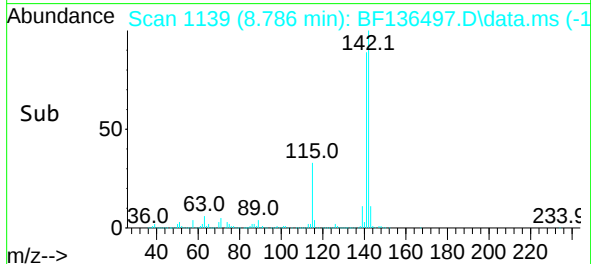
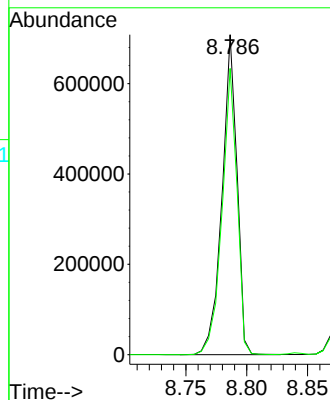
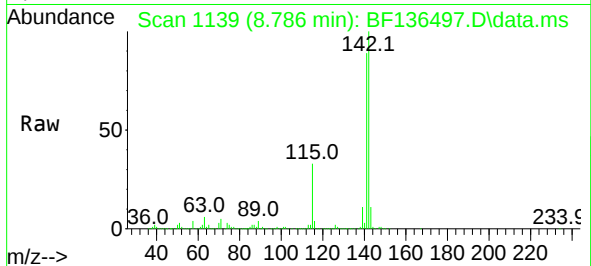
MW-110MSD

Tgt Ion:142 Resp: 605758

Ion Ratio Lower Upper

142 100

141 89.5 76.4 114.6



#38

1-Methylnaphthalene

Concen: 31.563 ng

RT: 8.886 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BF136497.D

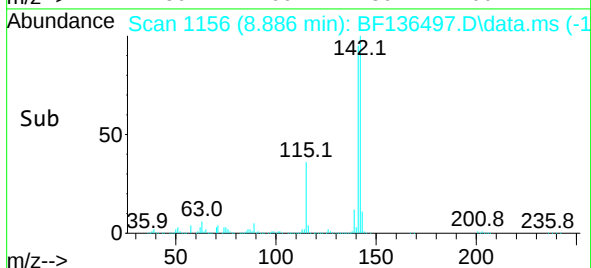
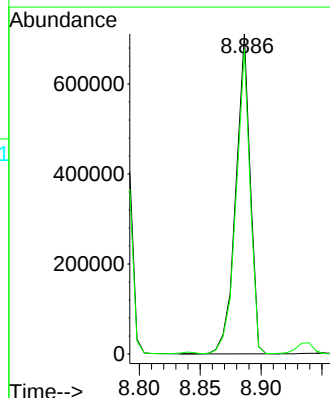
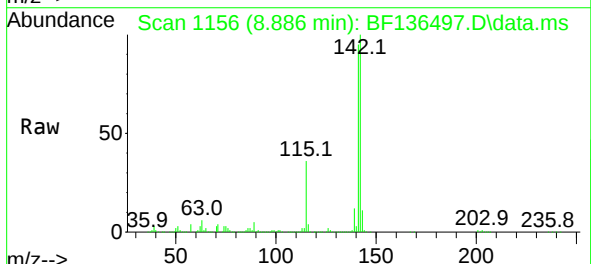
Acq: 11 Dec 2023 18:46

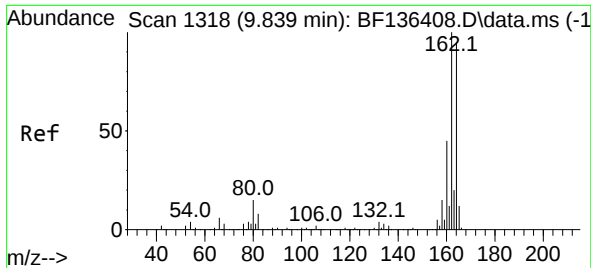
Tgt Ion:142 Resp: 585375

Ion Ratio Lower Upper

142 100

141 95.2 77.7 116.5

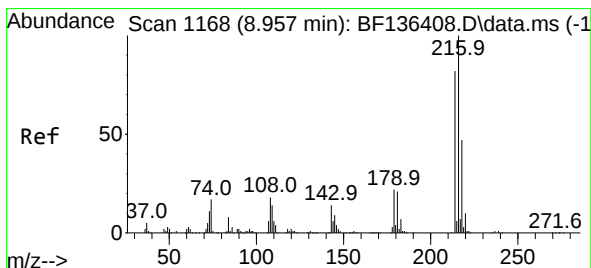
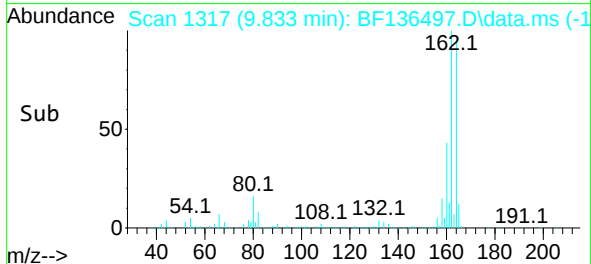
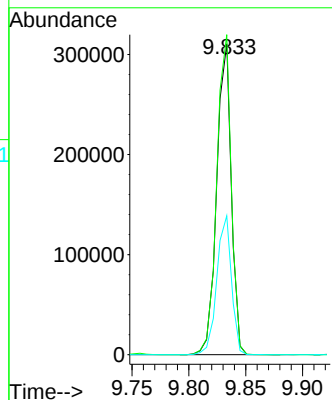
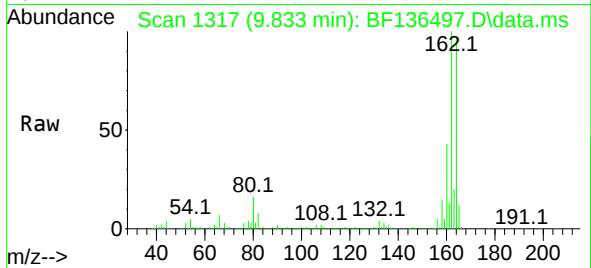




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF136497.D
Acq: 11 Dec 2023 18:46

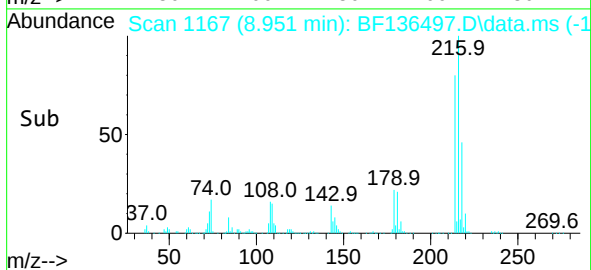
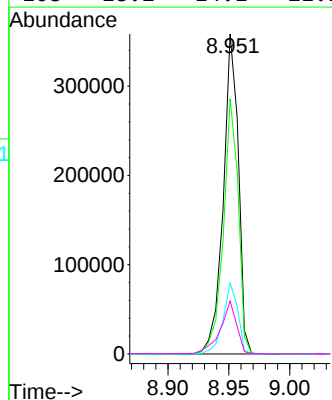
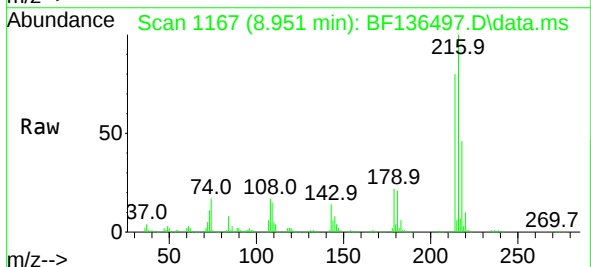
Instrument :
BNA_F
ClientSampleId :
MW-110MSD

Tgt Ion:164 Resp: 277351
Ion Ratio Lower Upper
164 100
162 102.9 84.4 126.6
160 44.7 37.6 56.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.938 ng
RT: 8.951 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF136497.D
Acq: 11 Dec 2023 18:46

Tgt Ion:216 Resp: 310102
Ion Ratio Lower Upper
216 100
214 78.5 64.1 96.1
179 21.7 17.0 25.6
108 18.2 14.1 21.1

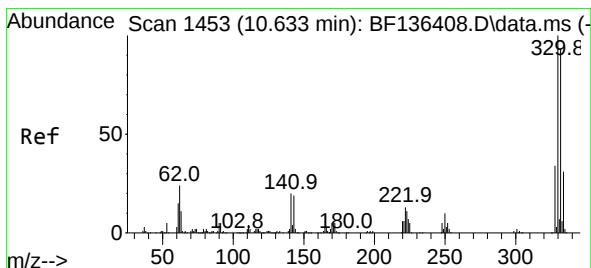
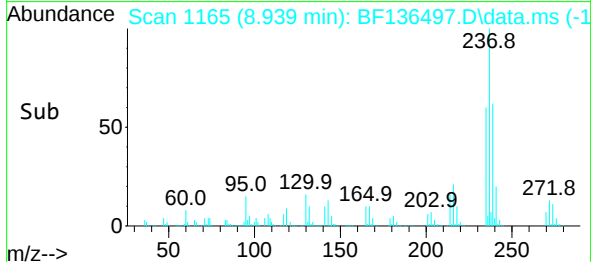
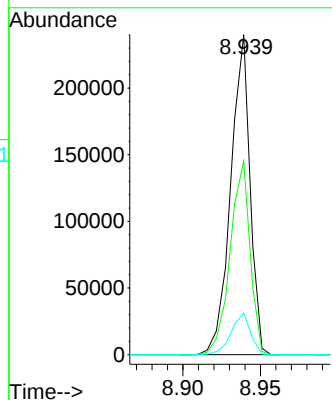
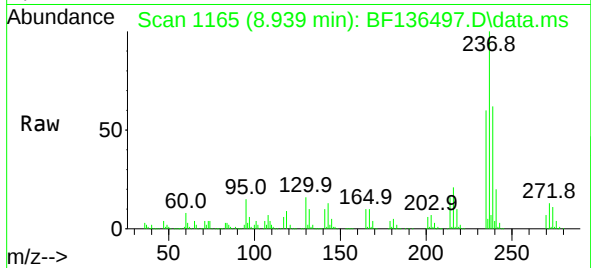




#41
Hexachlorocyclopentadiene
Concen: 65.094 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF136497.D
Acq: 11 Dec 2023 18:46

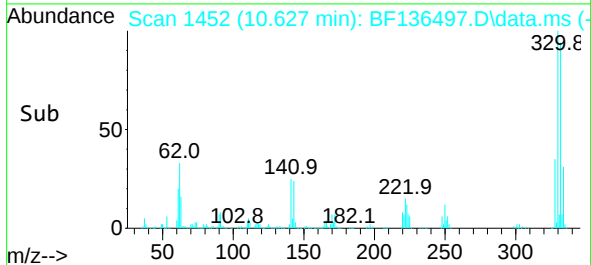
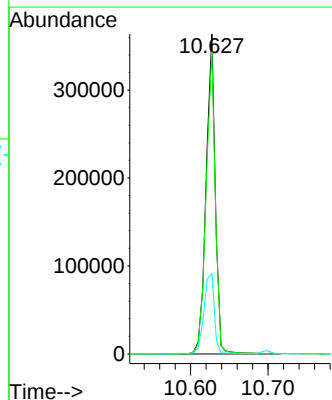
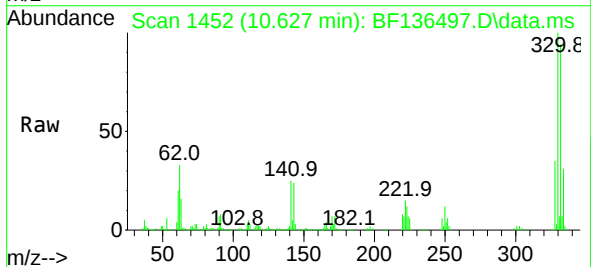
Instrument :
BNA_F
ClientSampleId :
MW-110MSD

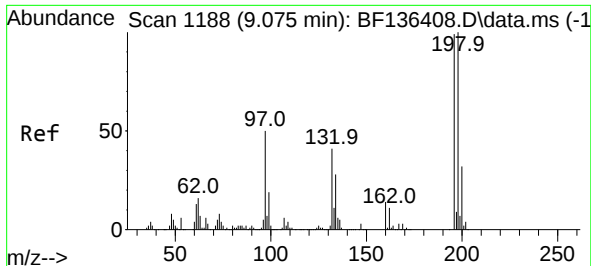
Tgt Ion:237 Resp: 208087
Ion Ratio Lower Upper
237 100
235 60.5 44.1 84.1
272 13.0 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 87.594 ng
RT: 10.627 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF136497.D
Acq: 11 Dec 2023 18:46

Tgt Ion:330 Resp: 299549
Ion Ratio Lower Upper
330 100
332 95.0 76.4 114.6
141 28.9 23.4 35.2

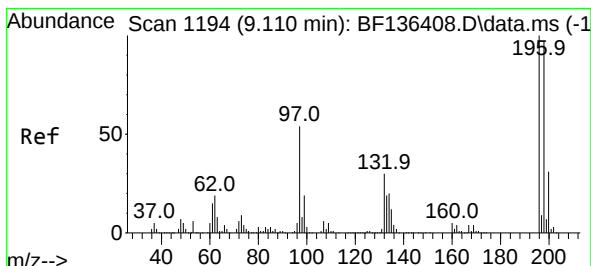
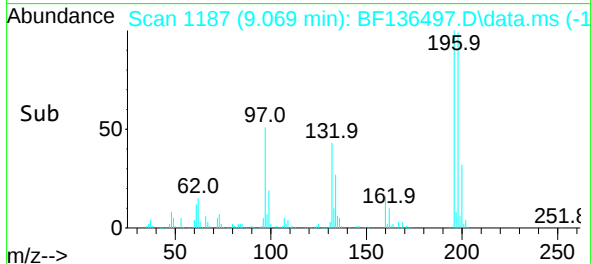
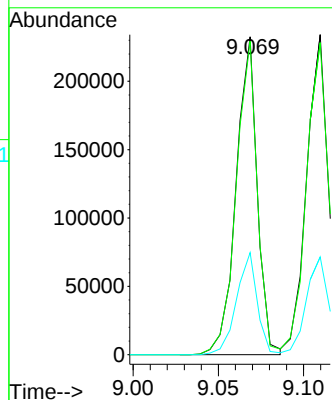
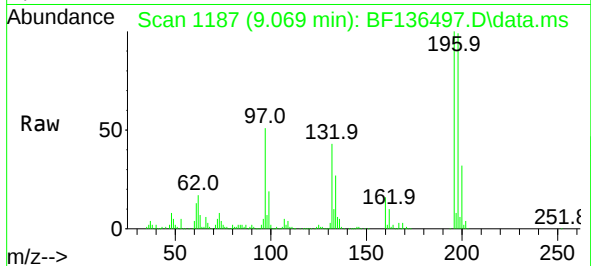




#43
2,4,6-Trichlorophenol
Concen: 35.662 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF136497.D
Acq: 11 Dec 2023 18:46

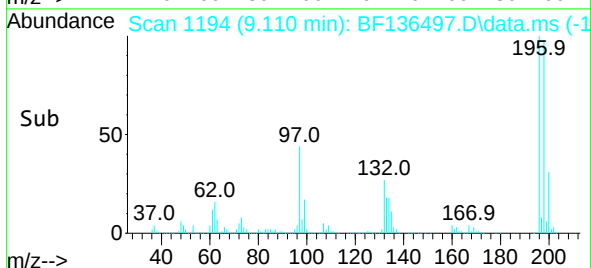
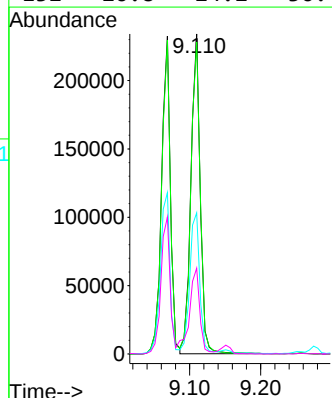
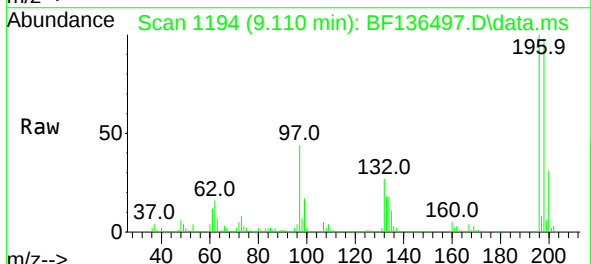
Instrument :
BNA_F
ClientSampleId :
MW-110MSD

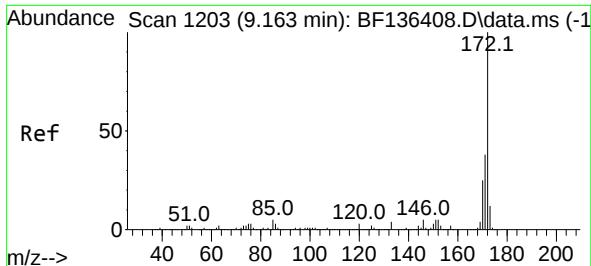
Tgt Ion:196 Resp: 200365
Ion Ratio Lower Upper
196 100
198 98.6 80.4 120.6
200 32.1 25.9 38.9



#44
2,4,5-Trichlorophenol
Concen: 34.050 ng
RT: 9.110 min Scan# 1194
Delta R.T. -0.000 min
Lab File: BF136497.D
Acq: 11 Dec 2023 18:46

Tgt Ion:196 Resp: 213519
Ion Ratio Lower Upper
196 100
198 97.5 78.1 117.1
97 44.1 43.4 65.2
132 26.8 24.2 36.4





#45

2-Fluorobiphenyl

Concen: 63.836 ng

RT: 9.151 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF136497.D

Acq: 11 Dec 2023 18:46

Instrument :

BNA_F

ClientSampleId :

MW-110MSD

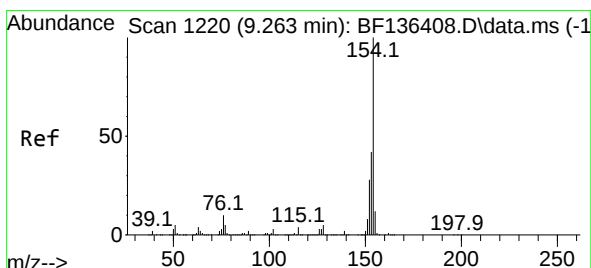
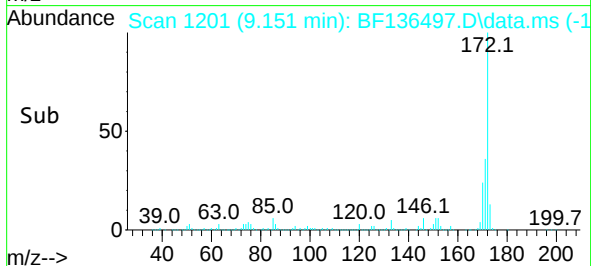
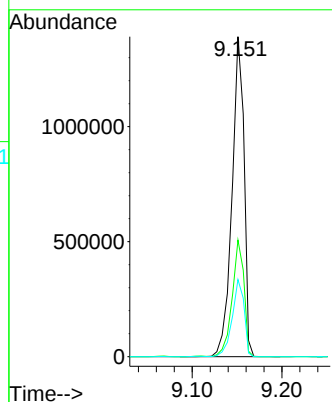
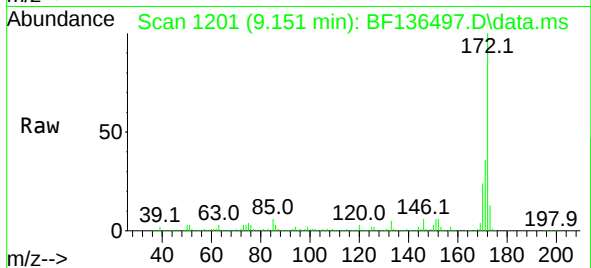
Tgt Ion:172 Resp: 1297540

Ion Ratio Lower Upper

172 100

171 36.4 30.5 45.7

170 24.1 19.9 29.9



#46

1,1'-Biphenyl

Concen: 35.287 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.012 min

Lab File: BF136497.D

Acq: 11 Dec 2023 18:46

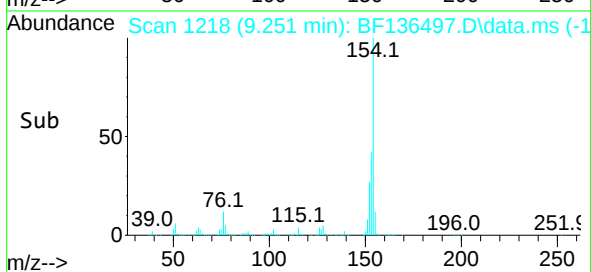
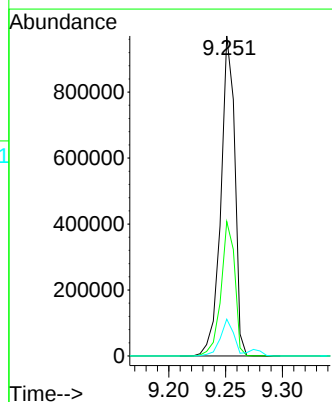
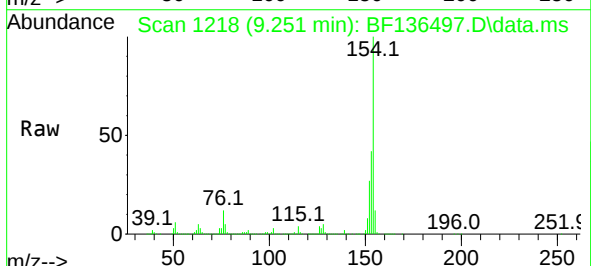
Tgt Ion:154 Resp: 832755

Ion Ratio Lower Upper

154 100

153 42.0 22.5 62.5

76 11.5 0.0 29.9

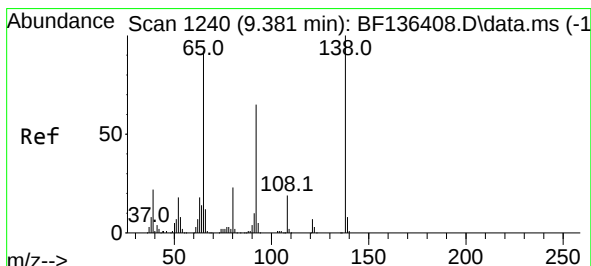
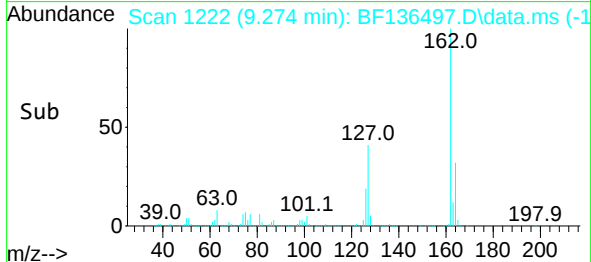
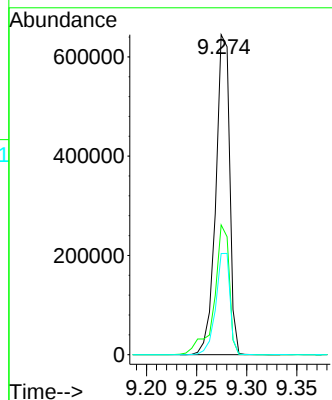
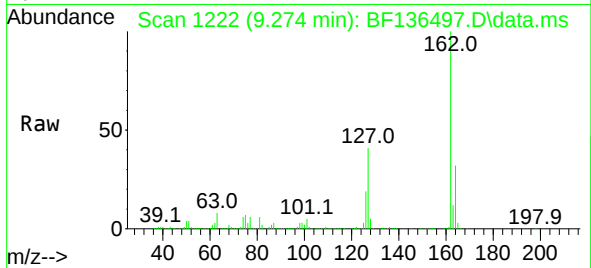




#47
2-Chloronaphthalene
Concen: 33.799 ng
RT: 9.274 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136497.D
Acq: 11 Dec 2023 18:46

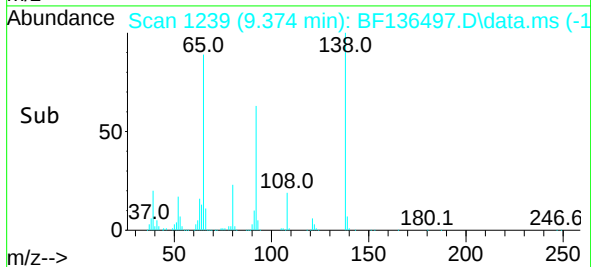
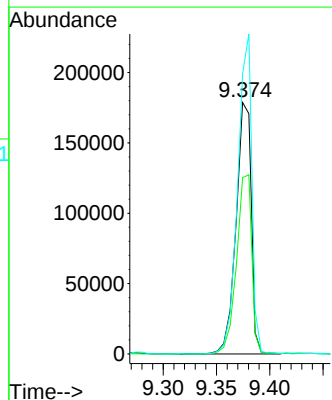
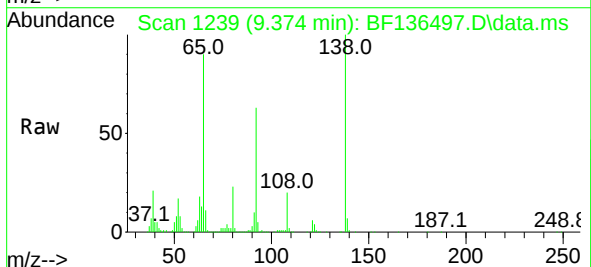
Instrument :
BNA_F
ClientSampleId :
MW-110MSD

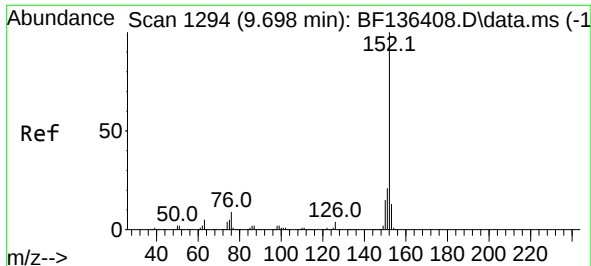
Tgt Ion:162 Resp: 620833
Ion Ratio Lower Upper
162 100
127 40.6 31.1 46.7
164 31.6 24.6 37.0



#48
2-Nitroaniline
Concen: 36.148 ng
RT: 9.374 min Scan# 1239
Delta R.T. -0.006 min
Lab File: BF136497.D
Acq: 11 Dec 2023 18:46

Tgt Ion: 65 Resp: 178082
Ion Ratio Lower Upper
65 100
92 70.1 56.1 84.1
138 111.3 86.7 130.1





#49

Acenaphthylene

Concen: 36.768 ng

RT: 9.692 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136497.D

Acq: 11 Dec 2023 18:46

Instrument :

BNA_F

ClientSampleId :

MW-110MSD

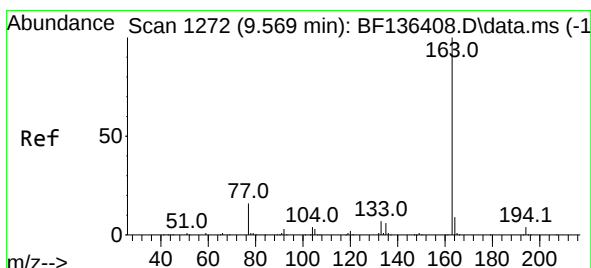
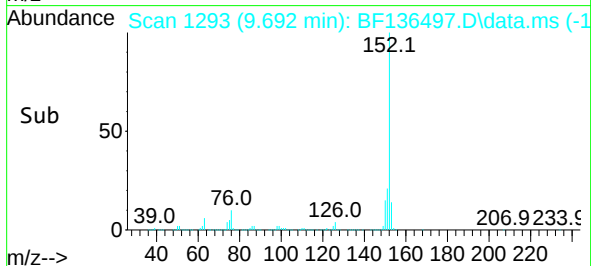
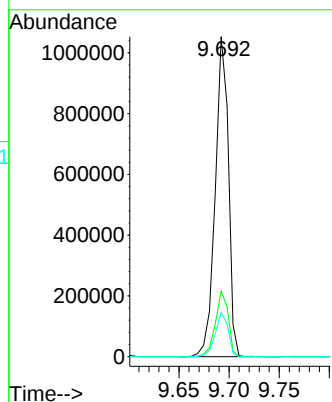
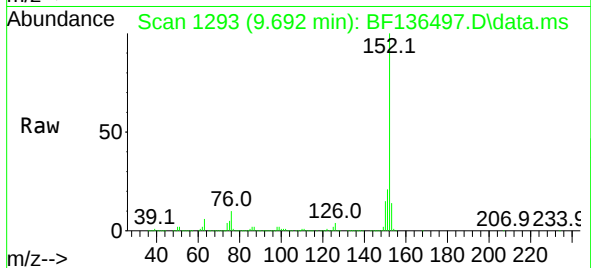
Tgt Ion:152 Resp: 962079

Ion Ratio Lower Upper

152 100

151 20.5 17.2 25.8

153 13.8 10.6 15.8



#50

Dimethylphthalate

Concen: 35.834 ng

RT: 9.563 min Scan# 1271

Delta R.T. -0.006 min

Lab File: BF136497.D

Acq: 11 Dec 2023 18:46

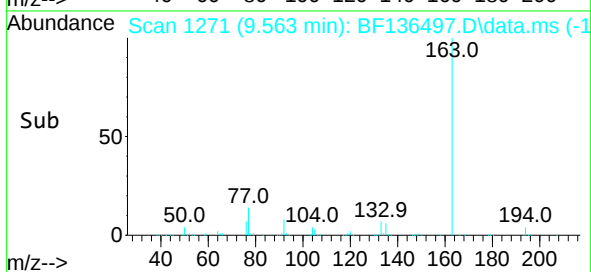
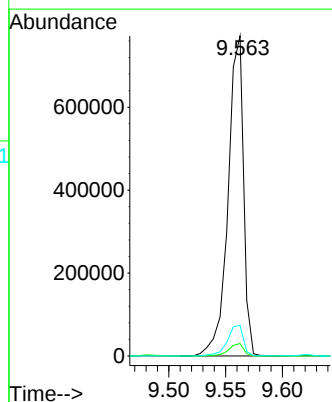
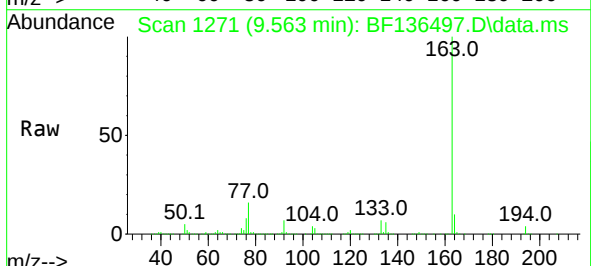
Tgt Ion:163 Resp: 731723

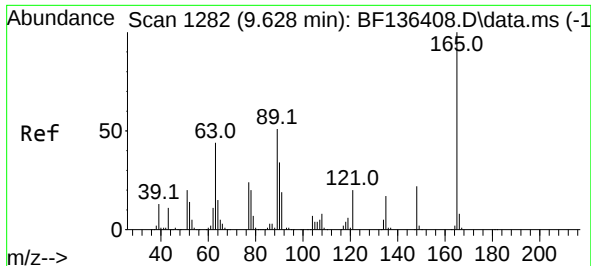
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

164 9.6 7.4 11.2

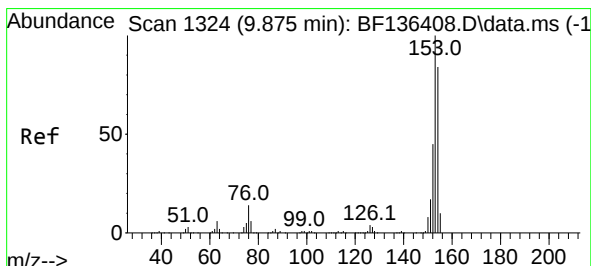
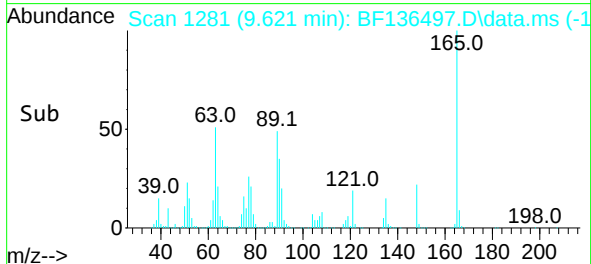
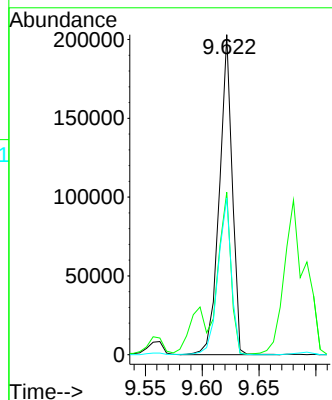
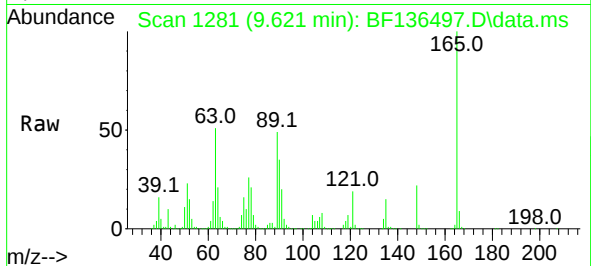




#51
2,6-Dinitrotoluene
Concen: 34.989 ng
RT: 9.621 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BF136497.D
Acq: 11 Dec 2023 18:46

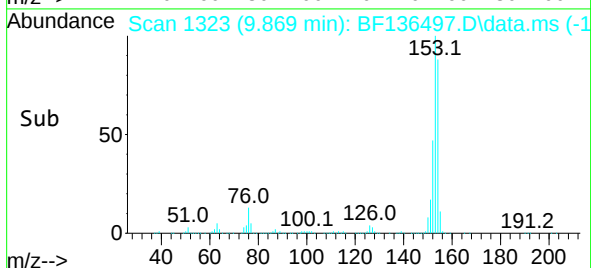
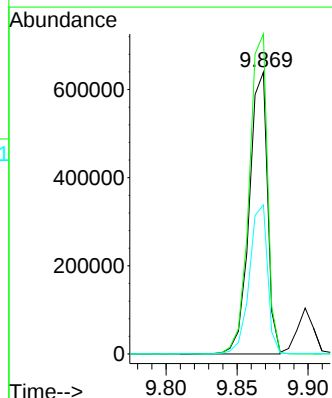
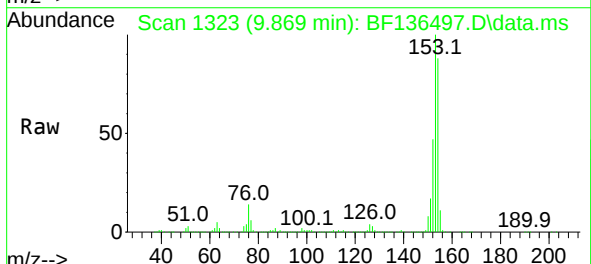
Instrument :
BNA_F
ClientSampleId :
MW-110MSD

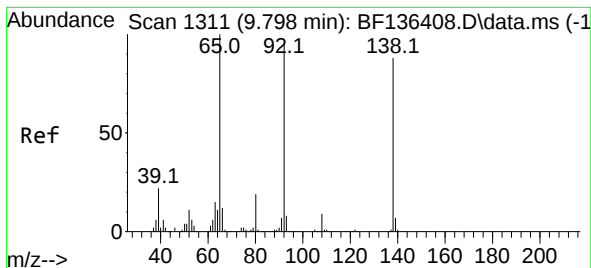
Tgt Ion:165 Resp: 160734
Ion Ratio Lower Upper
165 100
63 50.8 40.4 60.6
89 49.0 40.6 60.8



#52
Acenaphthene
Concen: 34.207 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF136497.D
Acq: 11 Dec 2023 18:46

Tgt Ion:154 Resp: 573558
Ion Ratio Lower Upper
154 100
153 113.6 95.3 142.9
152 52.9 43.2 64.8





#53

3-Nitroaniline

Concen: 16.790 ng

RT: 9.786 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136497.D

Acq: 11 Dec 2023 18:46

Instrument :

BNA_F

ClientSampleId :

MW-110MSD

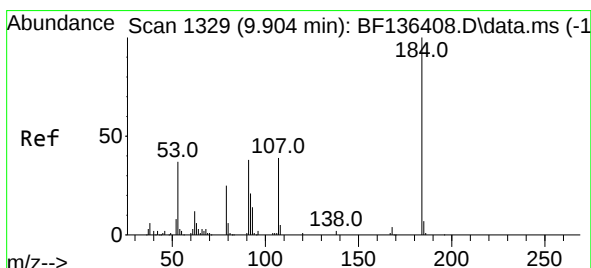
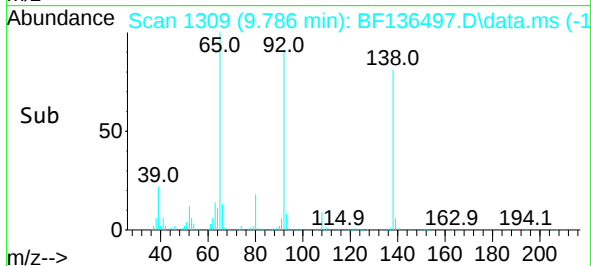
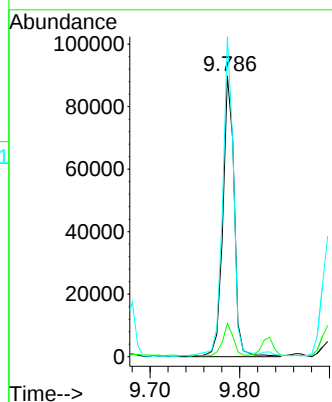
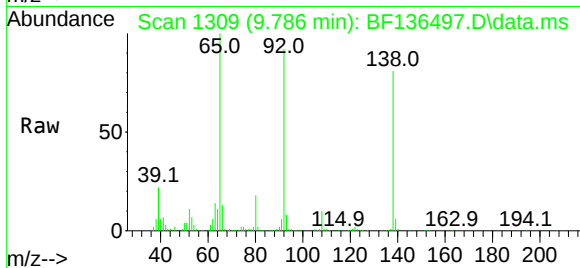
Tgt Ion:138 Resp: 78762

Ion Ratio Lower Upper

138 100

108 11.8 8.5 12.7

92 113.9 86.1 129.1



#54

2,4-Dinitrophenol

Concen: 58.020 ng

RT: 9.898 min Scan# 1328

Delta R.T. -0.006 min

Lab File: BF136497.D

Acq: 11 Dec 2023 18:46

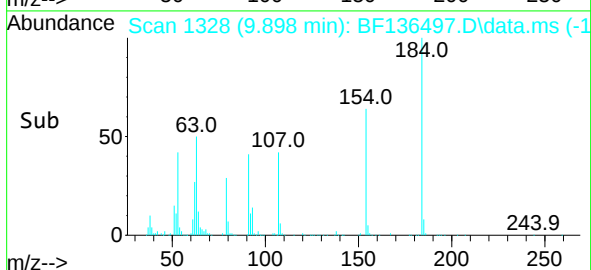
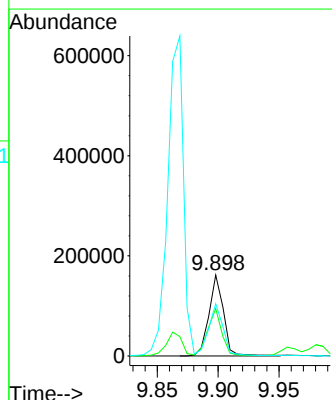
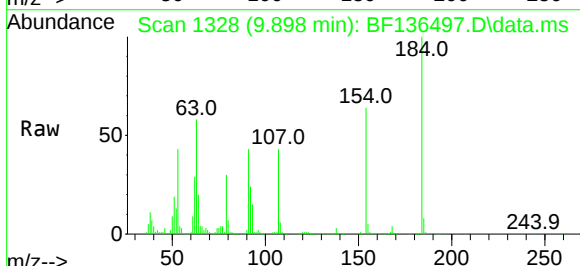
Tgt Ion:184 Resp: 134758

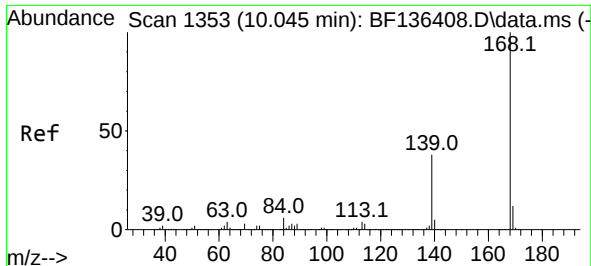
Ion Ratio Lower Upper

184 100

63 58.5 39.1 58.7

154 64.5 49.9 74.9

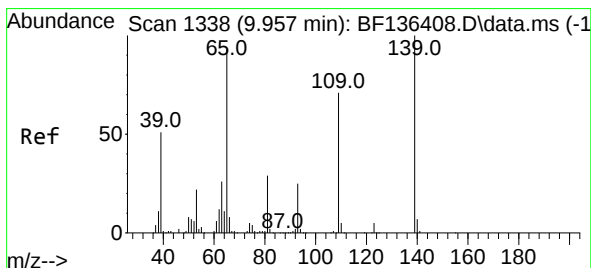
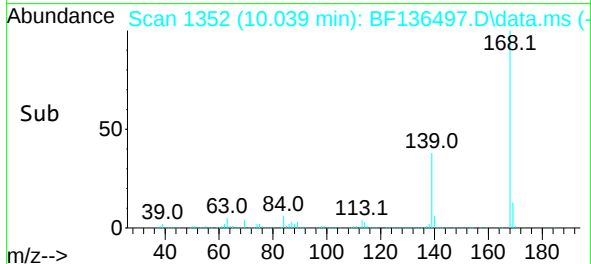
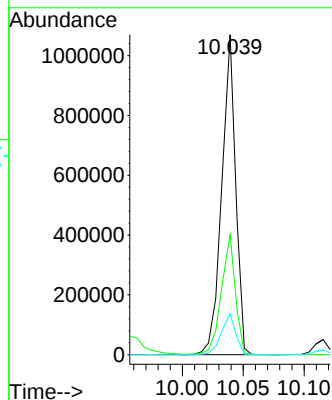
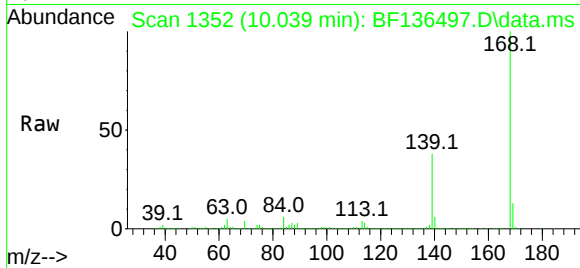




#55
Dibenzenofuran
Concen: 34.788 ng
RT: 10.039 min Scan# 1352
Delta R.T. -0.006 min
Lab File: BF136497.D
Acq: 11 Dec 2023 18:46

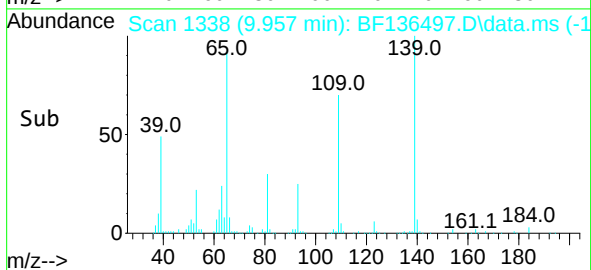
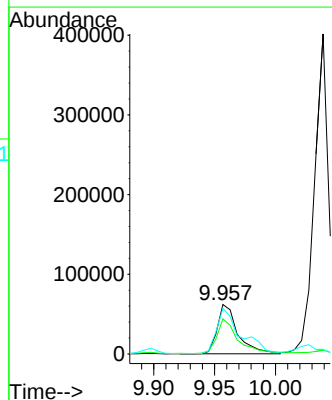
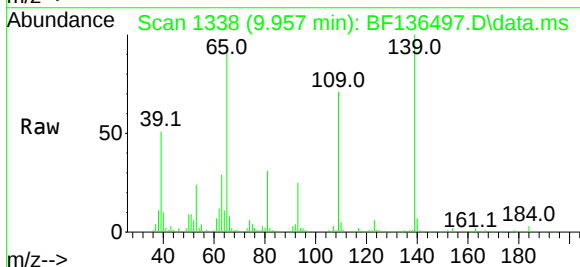
Instrument :
BNA_F
ClientSampleId :
MW-110MSD

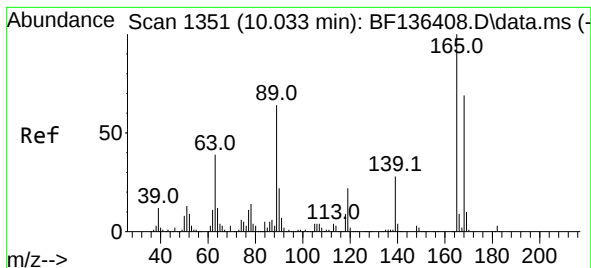
Tgt Ion:168 Resp: 852135
Ion Ratio Lower Upper
168 100
139 37.5 30.4 45.6
169 12.8 9.9 14.9



#56
4-Nitrophenol
Concen: 20.705 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF136497.D
Acq: 11 Dec 2023 18:46

Tgt Ion:139 Resp: 72813
Ion Ratio Lower Upper
139 100
109 71.0 50.6 90.6
65 92.3 73.1 113.1

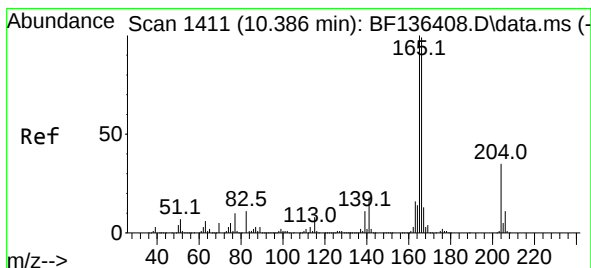
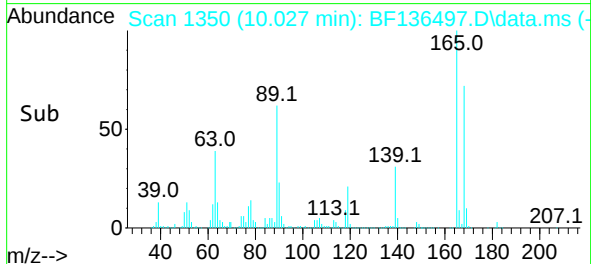
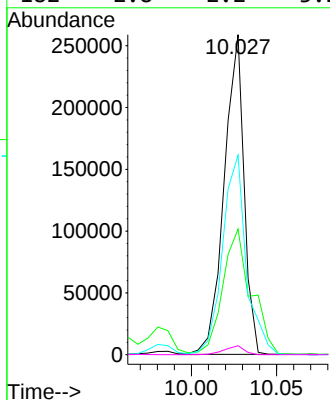
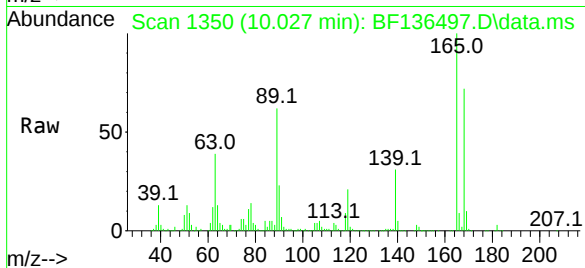




#57
2,4-Dinitrotoluene
Concen: 34.541 ng
RT: 10.027 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136497.D
Acq: 11 Dec 2023 18:46

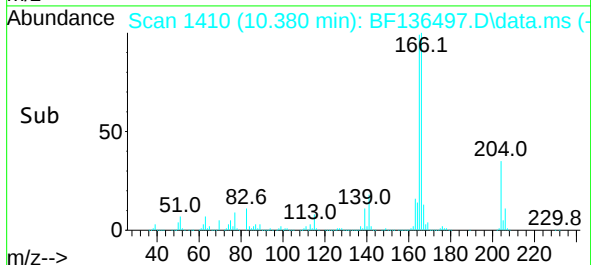
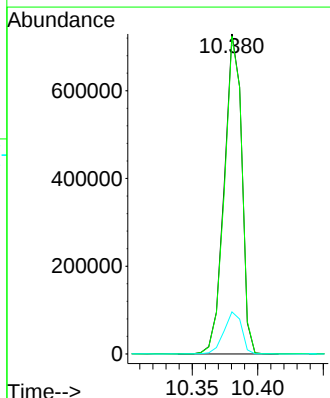
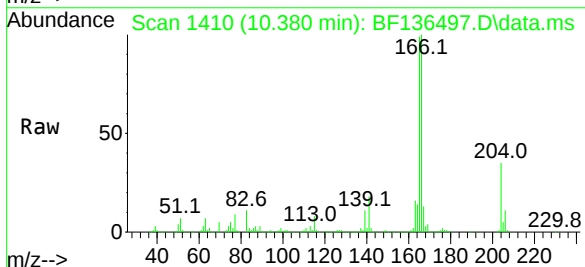
Instrument :
BNA_F
ClientSampleId :
MW-110MSD

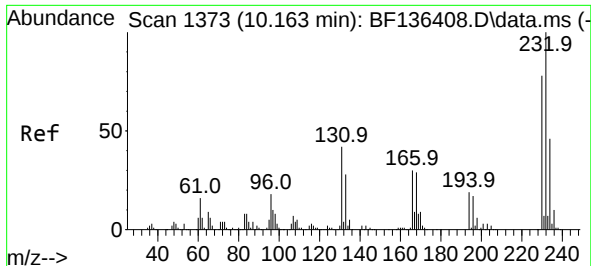
Tgt Ion:165 Resp: 209908
Ion Ratio Lower Upper
165 100
63 39.2 31.4 47.2
89 62.3 51.7 77.5
182 2.8 2.2 3.2



#58
Fluorene
Concen: 34.241 ng
RT: 10.380 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF136497.D
Acq: 11 Dec 2023 18:46

Tgt Ion:166 Resp: 673284
Ion Ratio Lower Upper
166 100
165 99.3 80.5 120.7
167 13.1 10.5 15.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 34.779 ng

RT: 10.157 min Scan# 1372

Delta R.T. -0.006 min

Lab File: BF136497.D

Acq: 11 Dec 2023 18:46

Instrument :

BNA_F

ClientSampleId :

MW-110MSD

Tgt Ion:232 Resp: 174695

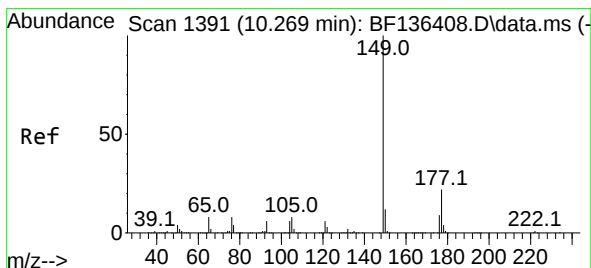
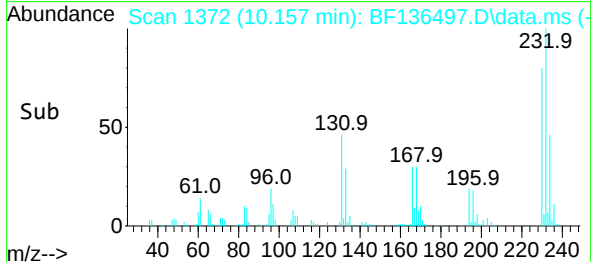
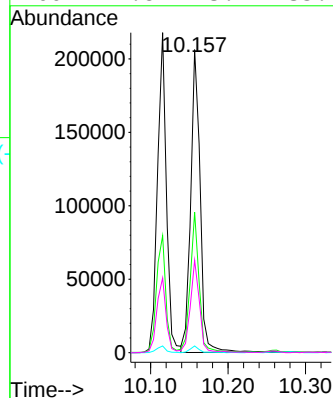
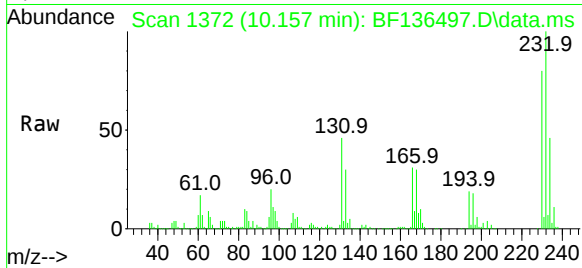
Ion Ratio Lower Upper

232 100

131 43.7 34.3 51.5

130 2.2 1.6 2.4

166 29.8 23.9 35.9



#60

Diethylphthalate

Concen: 34.654 ng

RT: 10.257 min Scan# 1389

Delta R.T. -0.012 min

Lab File: BF136497.D

Acq: 11 Dec 2023 18:46

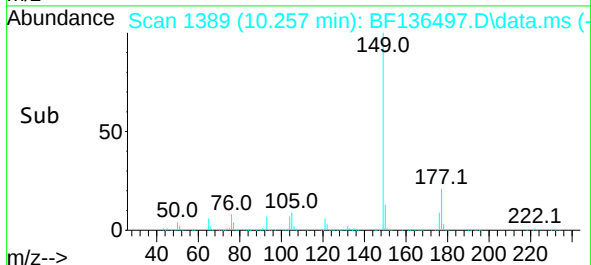
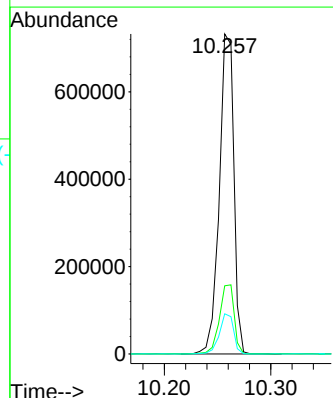
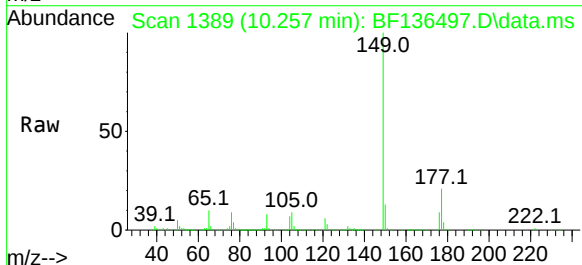
Tgt Ion:149 Resp: 695814

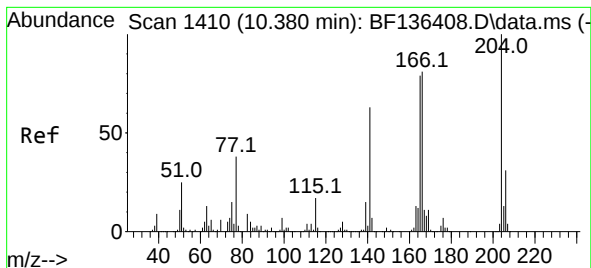
Ion Ratio Lower Upper

149 100

177 21.3 17.8 26.8

150 12.6 9.4 14.0

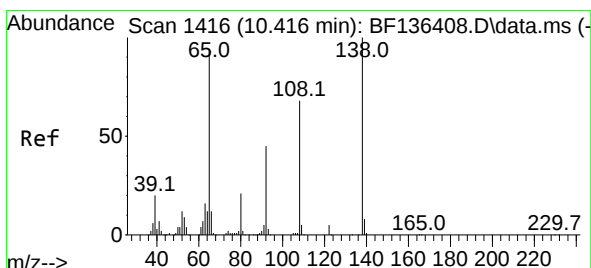
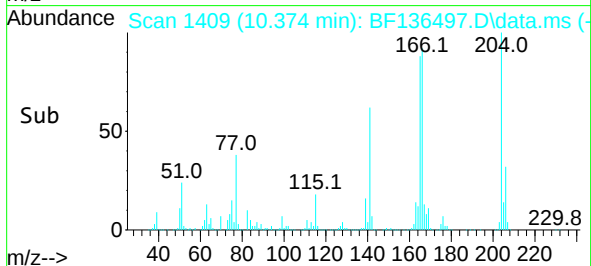
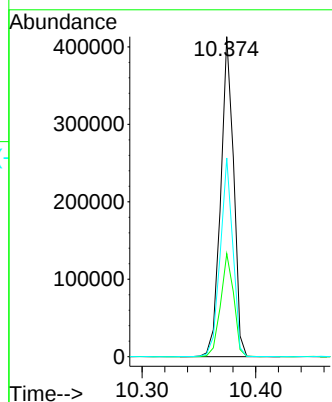
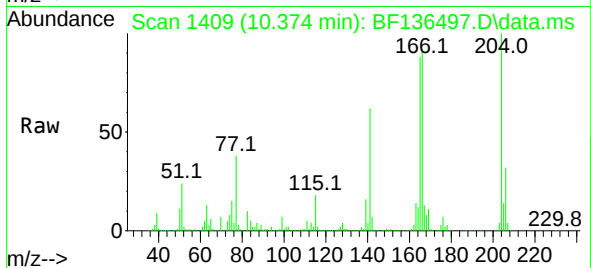




#61
4-Chlorophenyl-phenylether
Concen: 34.155 ng
RT: 10.374 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF136497.D
Acq: 11 Dec 2023 18:46

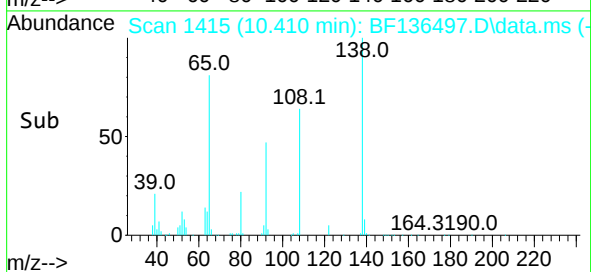
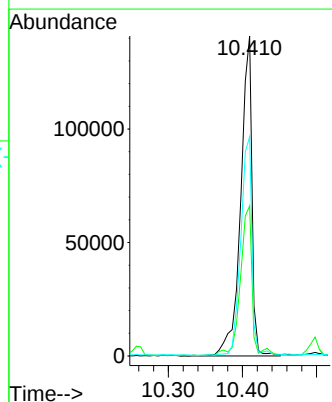
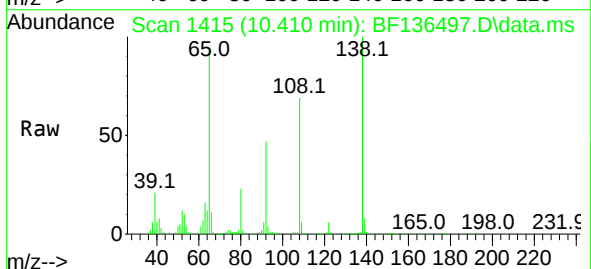
Instrument :
BNA_F
ClientSampleId :
MW-110MSD

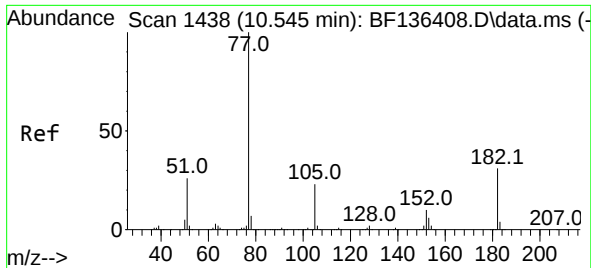
Tgt Ion:204 Resp: 327392
Ion Ratio Lower Upper
204 100
206 32.2 24.6 36.8
141 62.1 50.3 75.5



#62
4-Nitroaniline
Concen: 32.102 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF136497.D
Acq: 11 Dec 2023 18:46

Tgt Ion:138 Resp: 149531
Ion Ratio Lower Upper
138 100
92 46.9 25.0 65.0
108 68.6 47.9 87.9

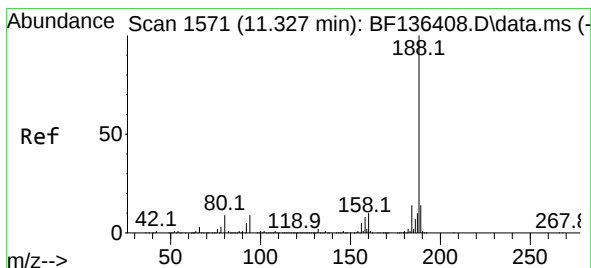
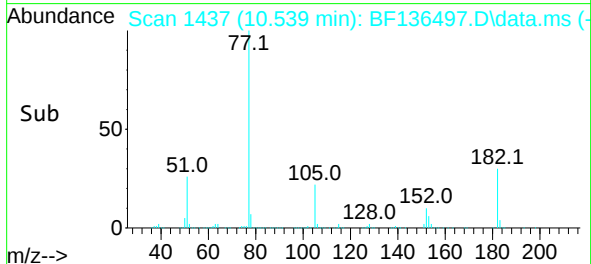
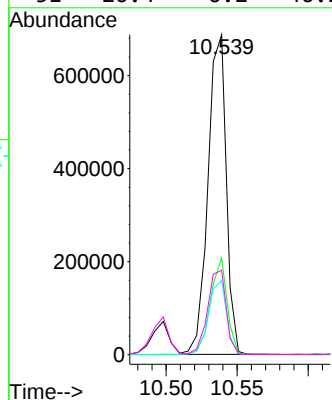
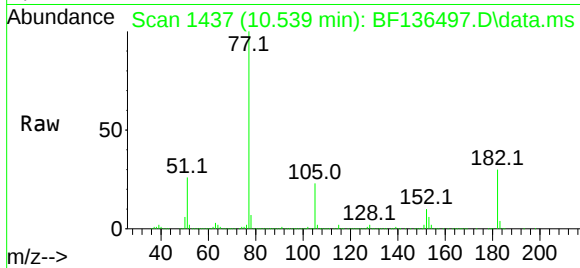




#63
Azobenzene
Concen: 33.683 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF136497.D
Acq: 11 Dec 2023 18:46

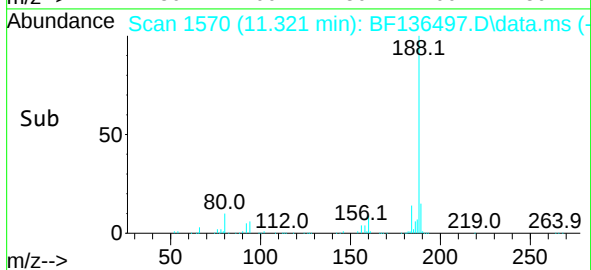
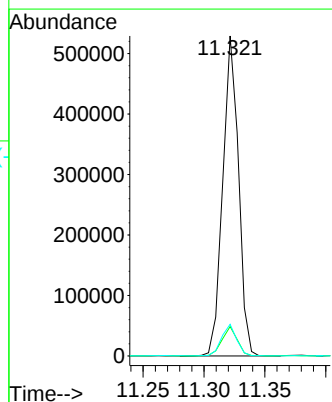
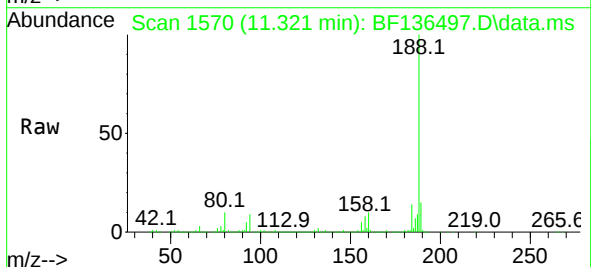
Instrument :
BNA_F
ClientSampleId :
MW-110MSD

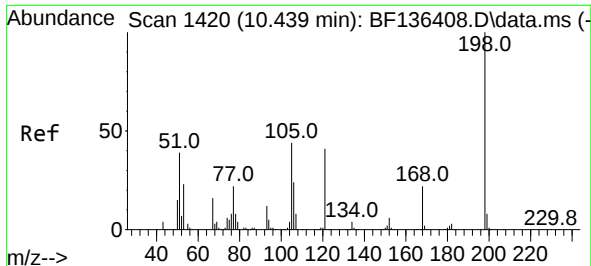
Tgt Ion: 77 Resp: 615601
Ion Ratio Lower Upper
77 100
182 30.2 10.8 50.8
105 23.1 2.6 42.6
51 26.4 6.2 46.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.321 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF136497.D
Acq: 11 Dec 2023 18:46

Tgt Ion: 188 Resp: 477249
Ion Ratio Lower Upper
188 100
94 9.2 7.2 10.8
80 9.9 7.2 10.8

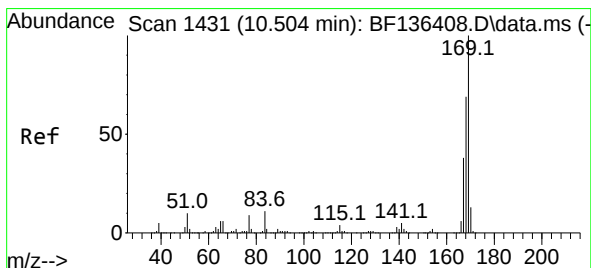
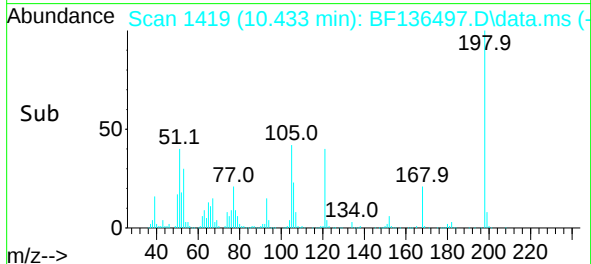
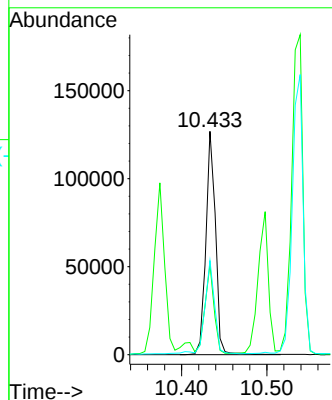
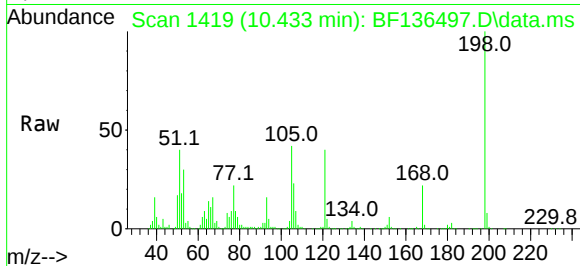




#65
4,6-Dinitro-2-methylphenol
Concen: 33.691 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF136497.D
Acq: 11 Dec 2023 18:46

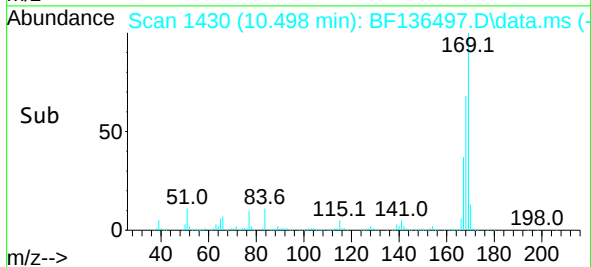
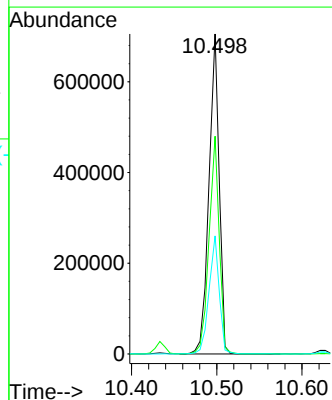
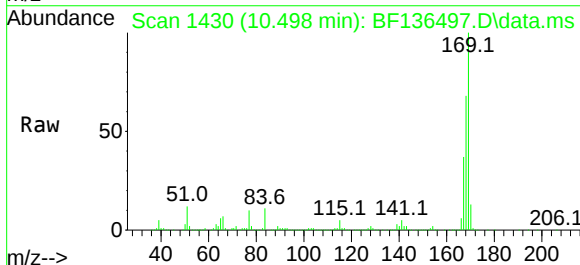
Instrument :
BNA_F
ClientSampleId :
MW-110MSD

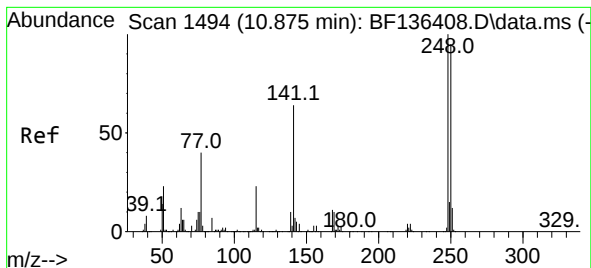
Tgt Ion:198 Resp: 99580
Ion Ratio Lower Upper
198 100
51 40.4 24.1 64.1
105 42.2 24.8 64.8



#66
n-Nitrosodiphenylamine
Concen: 38.525 ng
RT: 10.498 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF136497.D
Acq: 11 Dec 2023 18:46

Tgt Ion:169 Resp: 589970
Ion Ratio Lower Upper
169 100
168 68.0 55.3 82.9
167 36.9 30.1 45.1

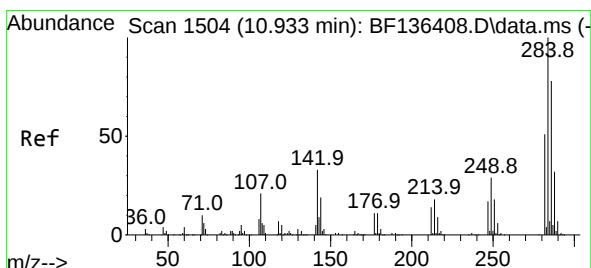
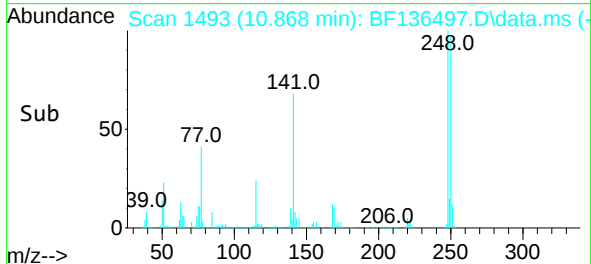
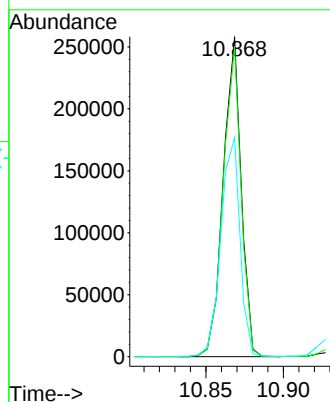
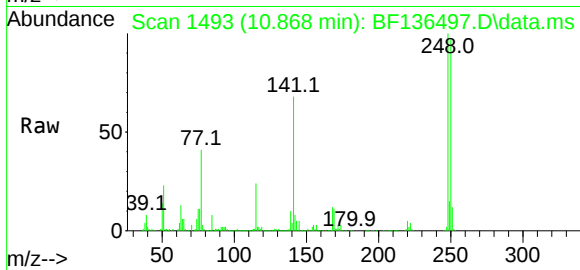




#67
4-Bromophenyl-phenylether
Concen: 37.558 ng
RT: 10.868 min Scan# 1493
Delta R.T. -0.006 min
Lab File: BF136497.D
Acq: 11 Dec 2023 18:46

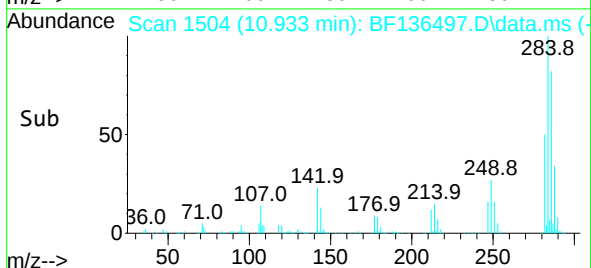
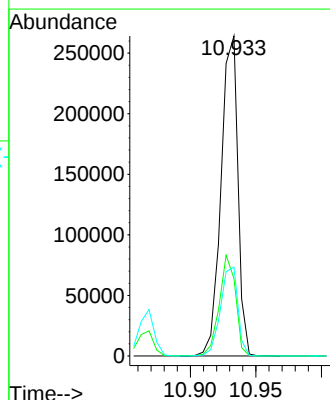
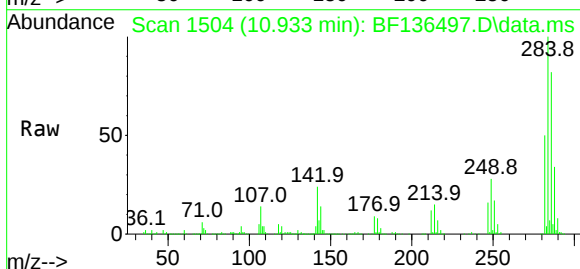
Instrument :
BNA_F
ClientSampleId :
MW-110MSD

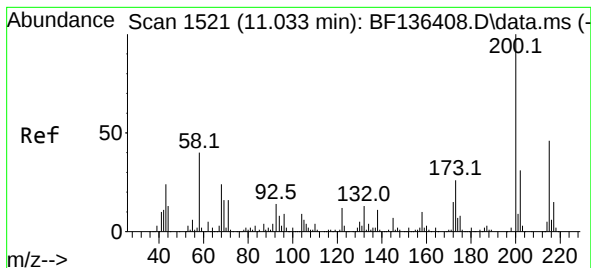
Tgt Ion:248 Resp: 208401
Ion Ratio Lower Upper
248 100
250 97.0 76.2 114.2
141 68.5 51.0 76.4



#68
Hexachlorobenzene
Concen: 36.755 ng
RT: 10.933 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BF136497.D
Acq: 11 Dec 2023 18:46

Tgt Ion:284 Resp: 235715
Ion Ratio Lower Upper
284 100
142 24.2 26.5 39.7#
249 27.7 23.4 35.0





#69

Atrazine

Concen: 42.912 ng

RT: 11.027 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136497.D

Acq: 11 Dec 2023 18:46

Instrument :

BNA_F

ClientSampleId :

MW-110MSD

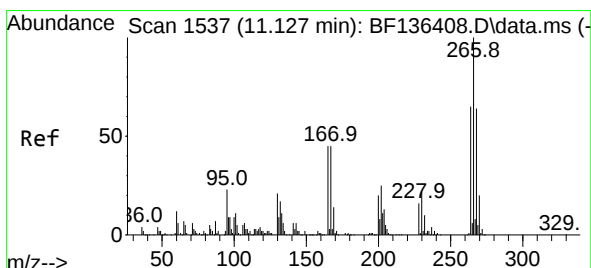
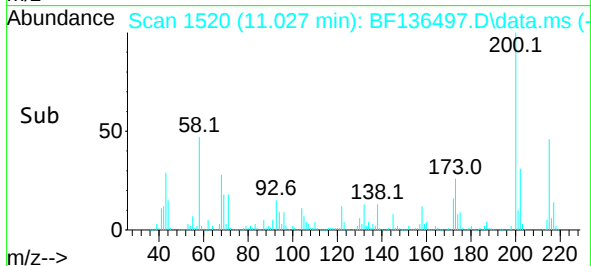
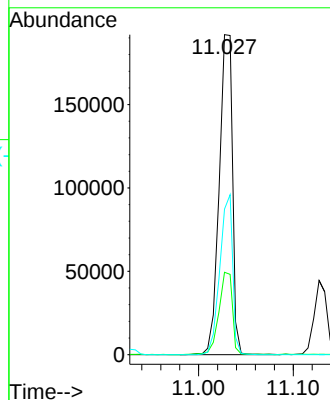
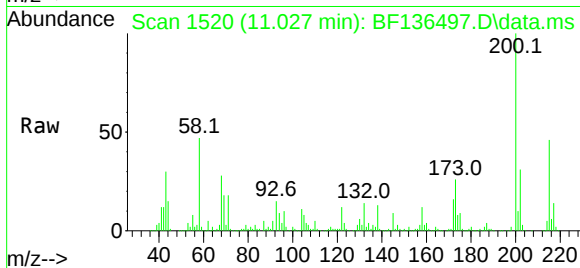
Tgt Ion:200 Resp: 187560

Ion Ratio Lower Upper

200 100

173 25.7 6.0 46.0

215 45.5 25.5 65.5



#70

Pentachlorophenol

Concen: 63.746 ng

RT: 11.127 min Scan# 1537

Delta R.T. -0.000 min

Lab File: BF136497.D

Acq: 11 Dec 2023 18:46

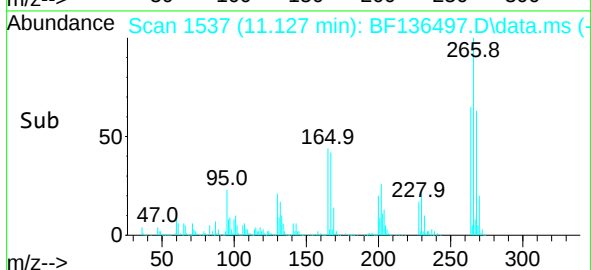
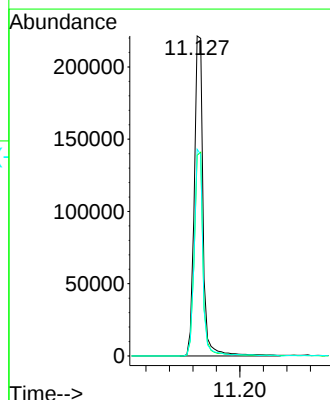
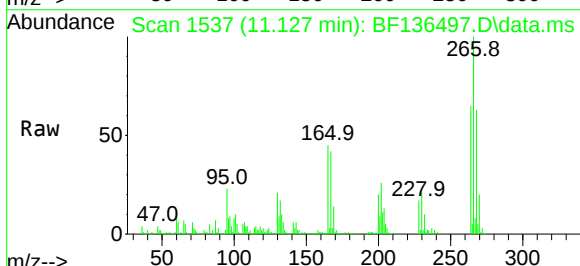
Tgt Ion:266 Resp: 230726

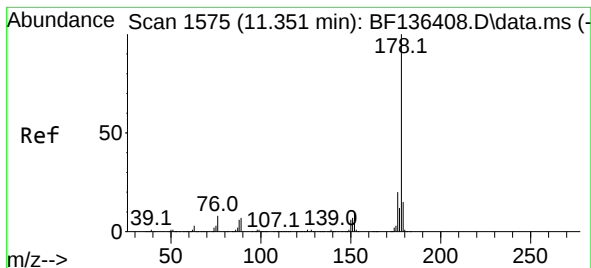
Ion Ratio Lower Upper

266 100

268 62.7 51.0 76.6

264 64.6 52.2 78.4





#71

Phenanthrene

Concen: 36.711 ng

RT: 11.351 min Scan# 1575

Delta R.T. -0.000 min

Lab File: BF136497.D

Acq: 11 Dec 2023 18:46

Instrument :

BNA_F

ClientSampleId :

MW-110MSD

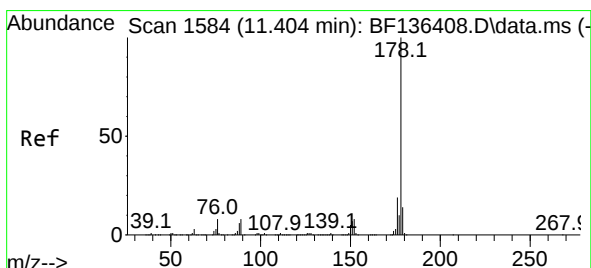
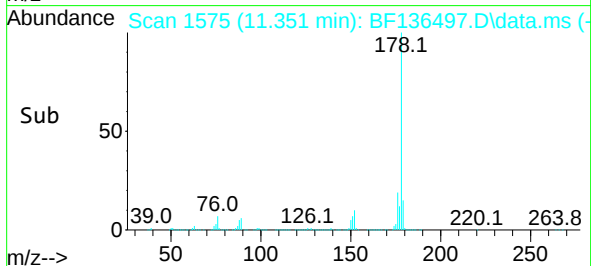
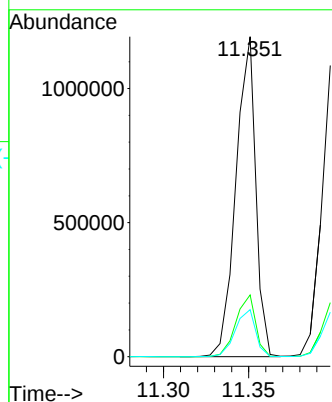
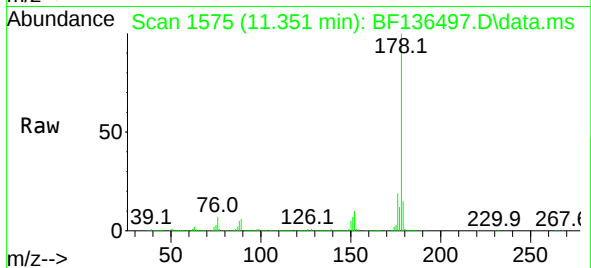
Tgt Ion:178 Resp: 962983

Ion Ratio Lower Upper

178 100

176 19.3 15.9 23.9

179 14.7 11.8 17.6



#72

Anthracene

Concen: 37.154 ng

RT: 11.398 min Scan# 1583

Delta R.T. -0.006 min

Lab File: BF136497.D

Acq: 11 Dec 2023 18:46

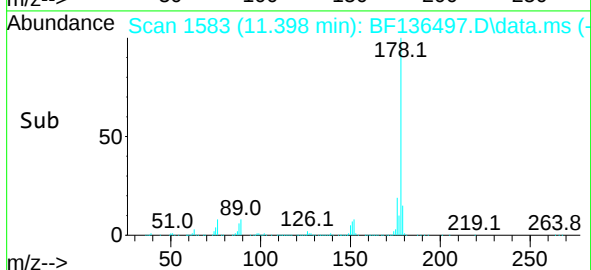
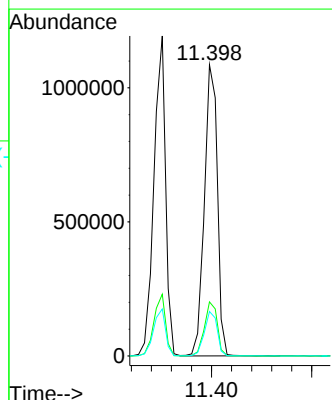
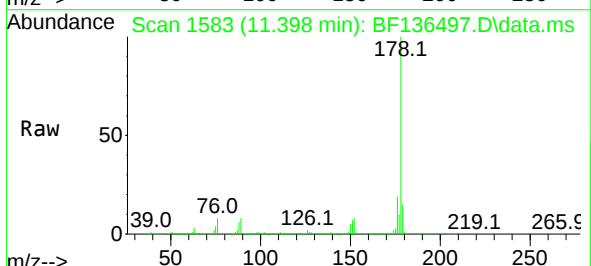
Tgt Ion:178 Resp: 981654

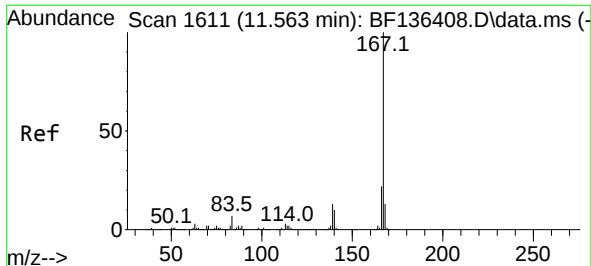
Ion Ratio Lower Upper

178 100

176 18.6 15.3 22.9

179 15.3 11.4 17.0

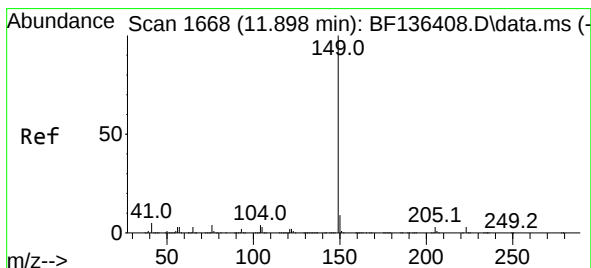
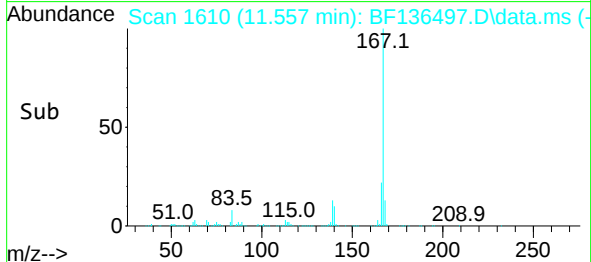
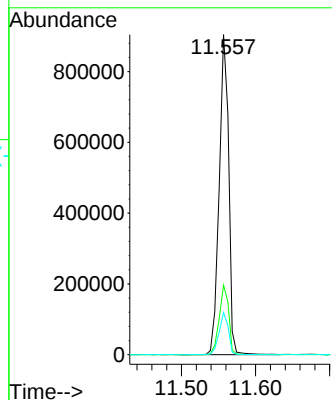
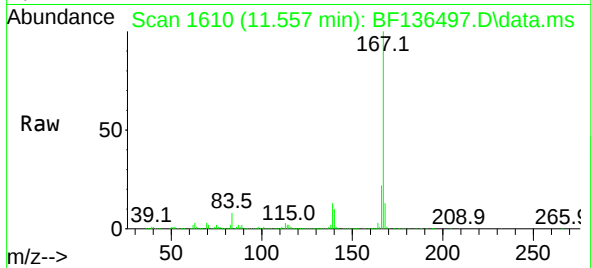




#73
Carbazole
Concen: 34.274 ng
RT: 11.557 min Scan# 1610
Delta R.T. -0.006 min
Lab File: BF136497.D
Acq: 11 Dec 2023 18:46

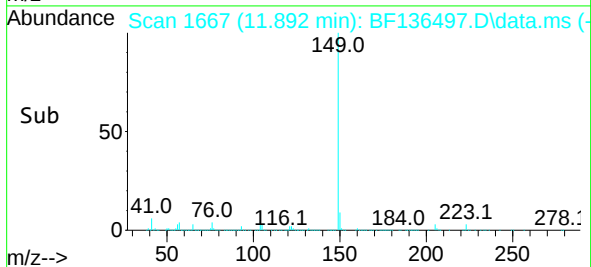
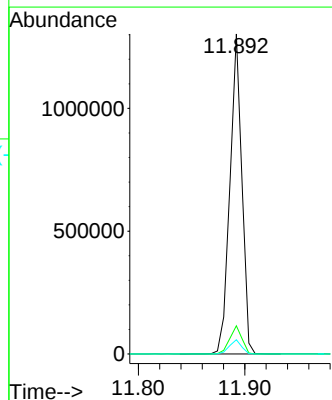
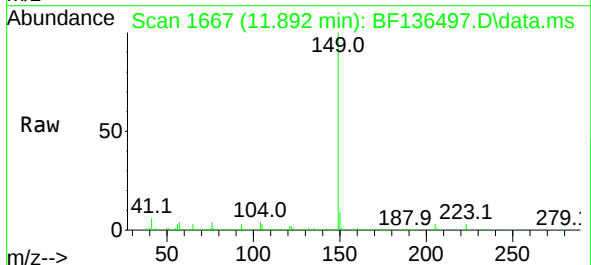
Instrument :
BNA_F
ClientSampleId :
MW-110MSD

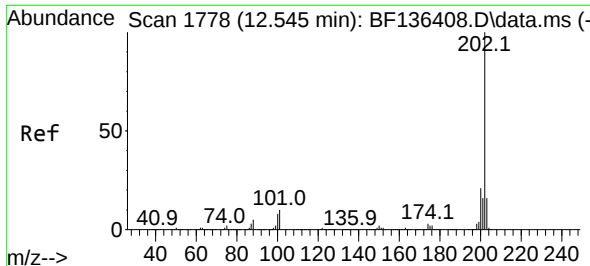
Tgt Ion:167 Resp: 801488
Ion Ratio Lower Upper
167 100
166 21.8 18.0 27.0
139 13.1 10.2 15.4



#74
Di-n-butylphthalate
Concen: 35.295 ng
RT: 11.892 min Scan# 1667
Delta R.T. -0.006 min
Lab File: BF136497.D
Acq: 11 Dec 2023 18:46

Tgt Ion:149 Resp: 1011815
Ion Ratio Lower Upper
149 100
150 8.8 6.9 10.3
104 4.5 3.5 5.3

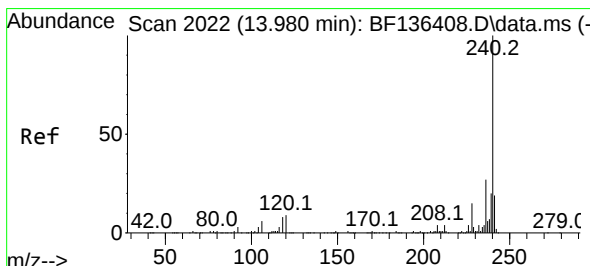
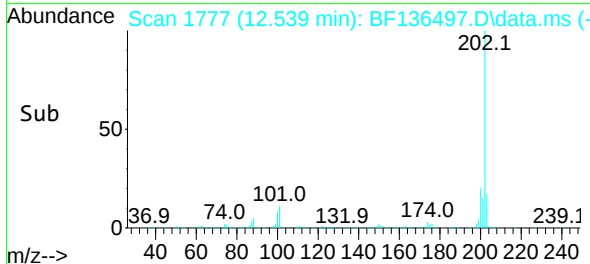
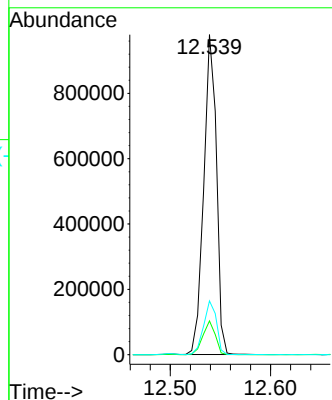
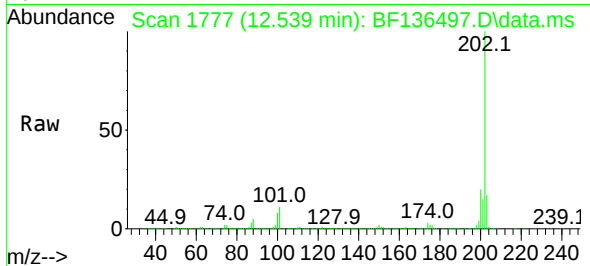




#75
Fluoranthene
Concen: 31.527 ng
RT: 12.539 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136497.D
Acq: 11 Dec 2023 18:46

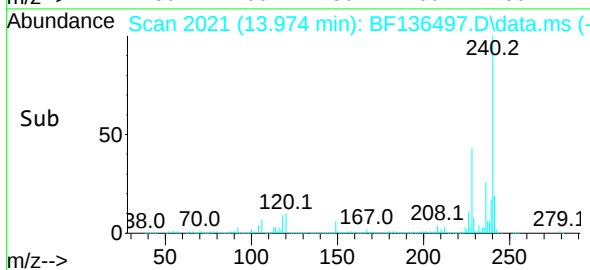
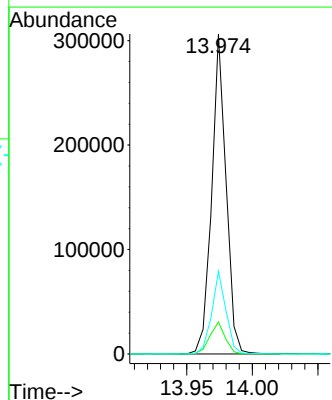
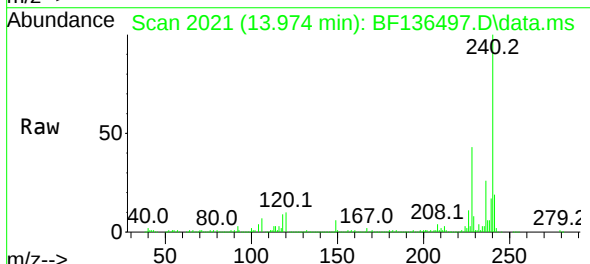
Instrument :
BNA_F
ClientSampleId :
MW-110MSD

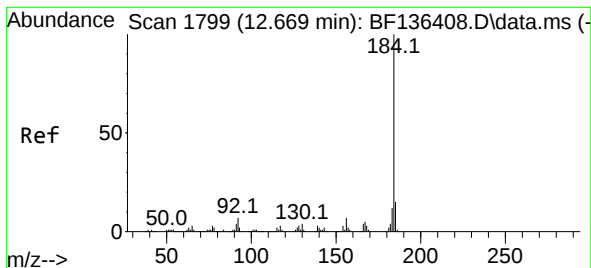
Tgt Ion:202 Resp: 866656
Ion Ratio Lower Upper
202 100
101 10.5 0.0 29.9
203 16.8 0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF136497.D
Acq: 11 Dec 2023 18:46

Tgt Ion:240 Resp: 233581
Ion Ratio Lower Upper
240 100
120 10.0 7.3 10.9
236 25.9 21.3 31.9





#77

Benzidine

Concen: 28.274 ng

RT: 12.662 min Scan# 1

Delta R.T. -0.007 min

Lab File: BF136497.D

Acq: 11 Dec 2023 18:46

Instrument :

BNA_F

ClientSampleId :

MW-110MSD

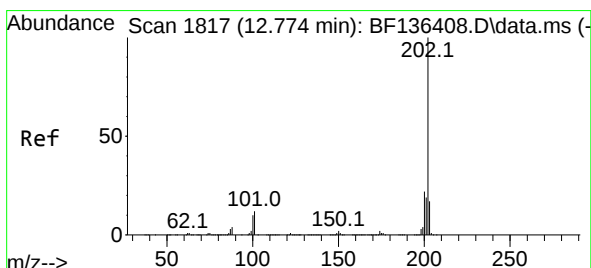
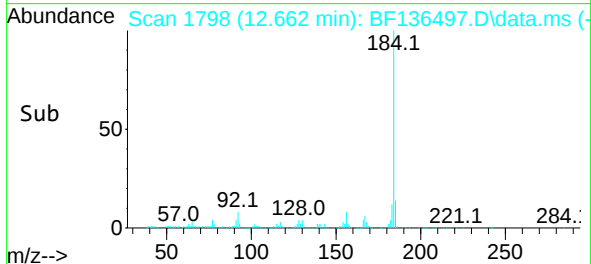
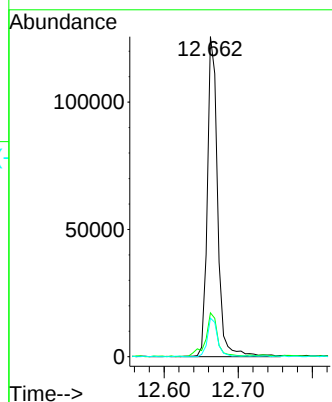
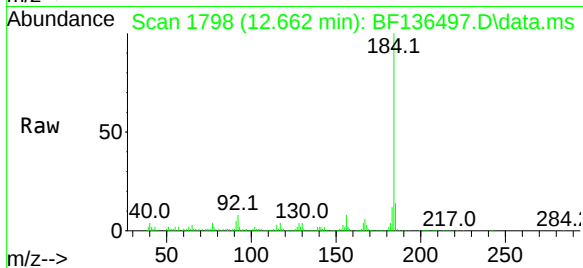
Tgt Ion:184 Resp: 121673

Ion Ratio Lower Upper

184 100

185 13.7 12.0 18.0

183 12.1 9.4 14.0



#78

Pyrene

Concen: 36.854 ng

RT: 12.768 min Scan# 1816

Delta R.T. -0.006 min

Lab File: BF136497.D

Acq: 11 Dec 2023 18:46

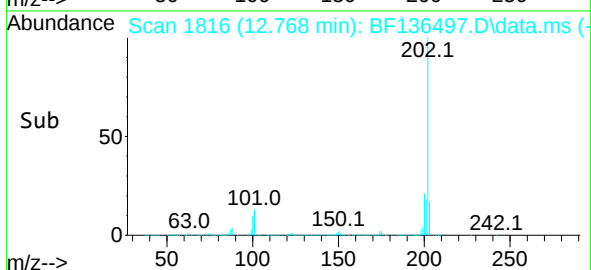
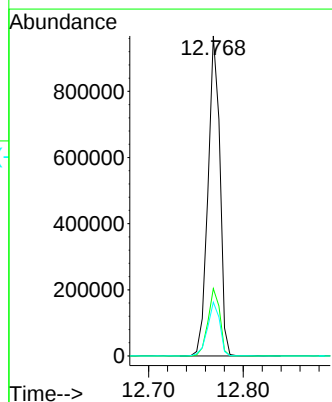
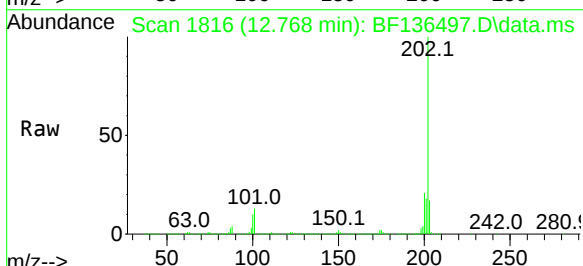
Tgt Ion:202 Resp: 843072

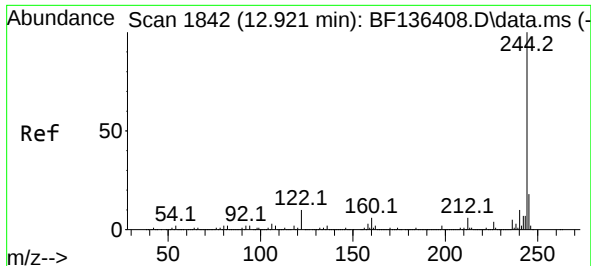
Ion Ratio Lower Upper

202 100

200 21.1 18.0 27.0

203 16.8 13.5 20.3

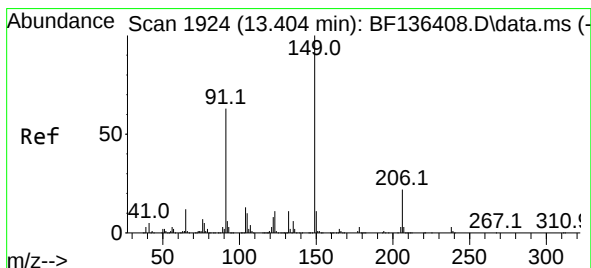
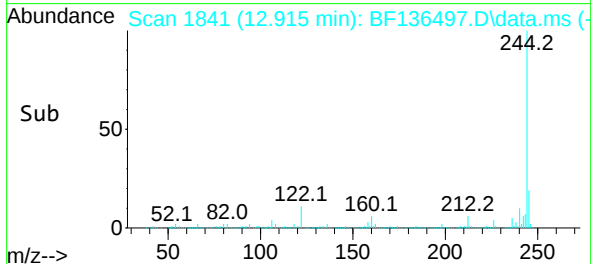
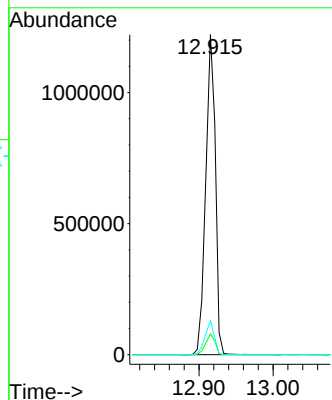
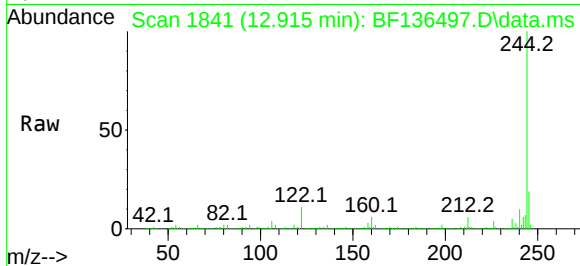




#79
 Terphenyl-d14
 Concen: 62.565 ng
 RT: 12.915 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF136497.D
 Acq: 11 Dec 2023 18:46

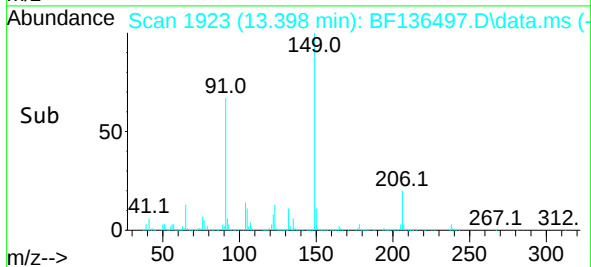
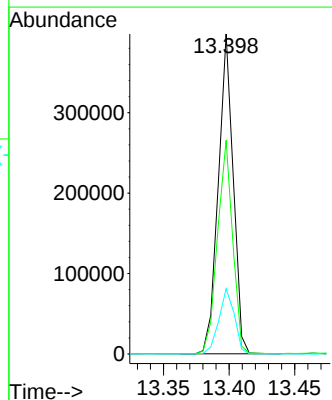
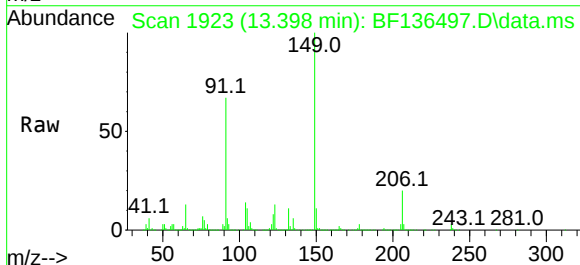
Instrument :
 BNA_F
 ClientSampleId :
 MW-110MSD

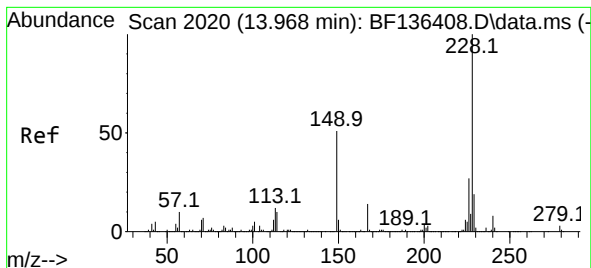
Tgt Ion:244 Resp: 1108757
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.0 7.4
 122 10.6 8.3 12.5



#80
 Butylbenzylphthalate
 Concen: 38.641 ng
 RT: 13.398 min Scan# 1923
 Delta R.T. -0.006 min
 Lab File: BF136497.D
 Acq: 11 Dec 2023 18:46

Tgt Ion:149 Resp: 314670
 Ion Ratio Lower Upper
 149 100
 91 66.8 50.5 75.7
 206 20.4 17.4 26.2





#81

Benzo(a)anthracene

Concen: 36.735 ng

RT: 13.962 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF136497.D

Acq: 11 Dec 2023 18:46

Instrument :

BNA_F

ClientSampleId :

MW-110MSD

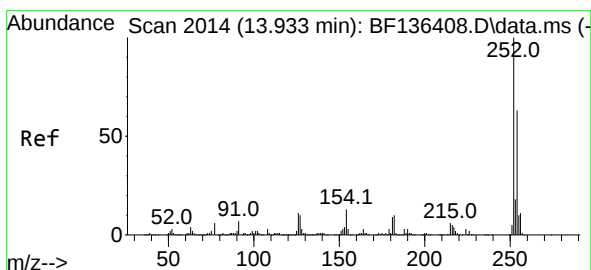
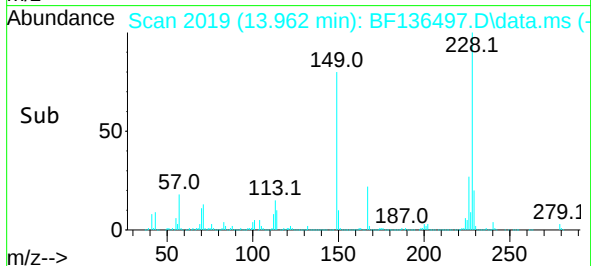
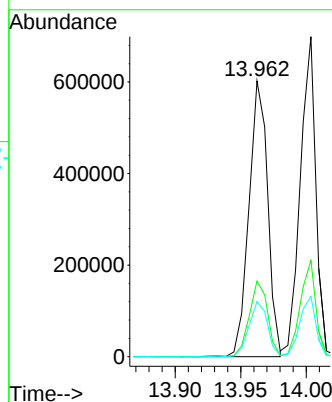
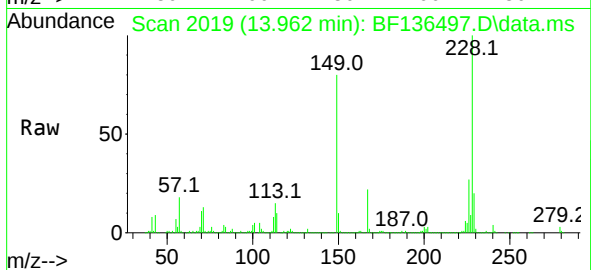
Tgt Ion:228 Resp: 597700

Ion Ratio Lower Upper

228 100

226 27.4 21.8 32.8

229 20.0 15.0 22.4



#82

3,3'-Dichlorobenzidine

Concen: 28.499 ng

RT: 13.927 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF136497.D

Acq: 11 Dec 2023 18:46

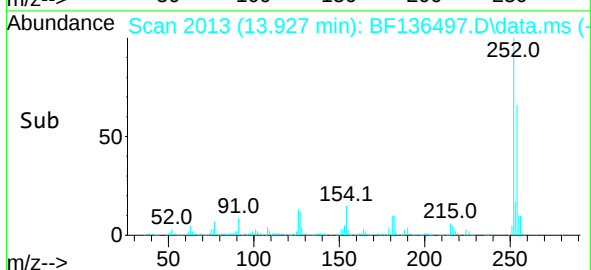
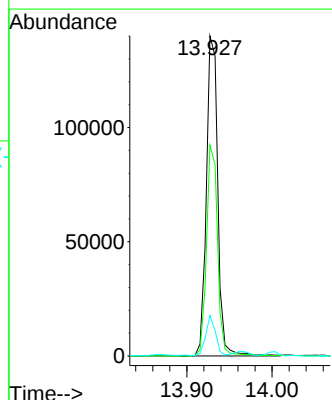
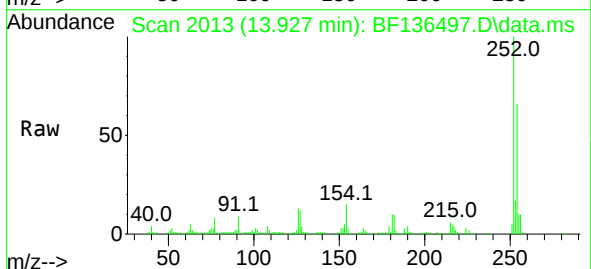
Tgt Ion:252 Resp: 130009

Ion Ratio Lower Upper

252 100

254 65.9 50.8 76.2

126 12.7 8.6 12.8





#83

Chrysene

Concen: 36.355 ng

RT: 14.004 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF136497.D

Acq: 11 Dec 2023 18:46

Instrument :

BNA_F

ClientSampleId :

MW-110MSD

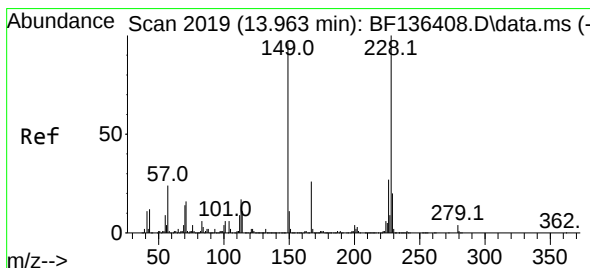
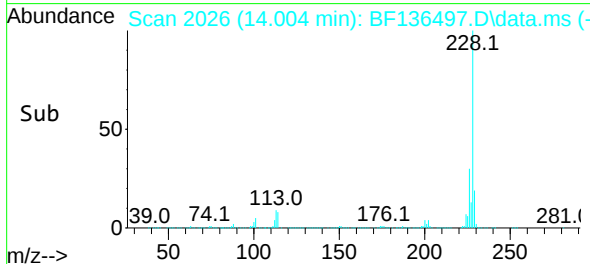
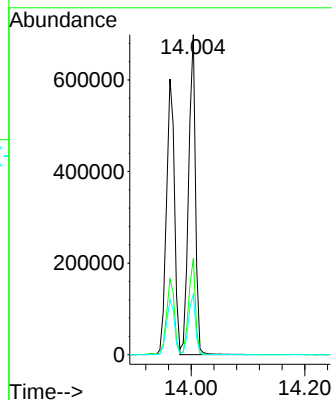
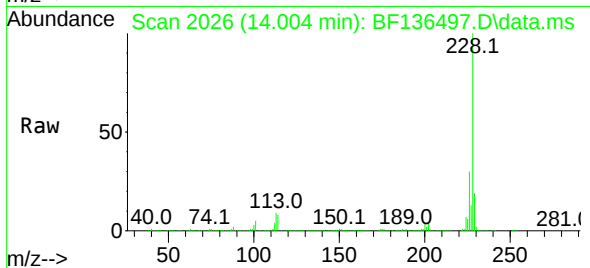
Tgt Ion:228 Resp: 581971

Ion Ratio Lower Upper

228 100

226 30.1 23.8 35.6

229 18.9 14.8 22.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.561 ng

RT: 13.962 min Scan# 2019

Delta R.T. -0.000 min

Lab File: BF136497.D

Acq: 11 Dec 2023 18:46

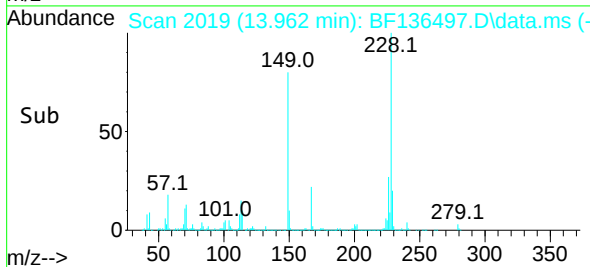
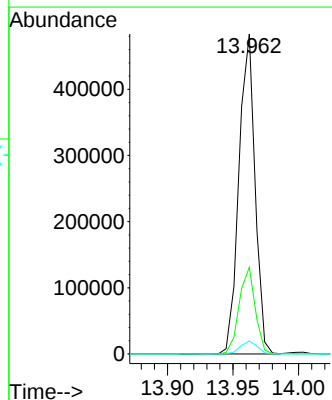
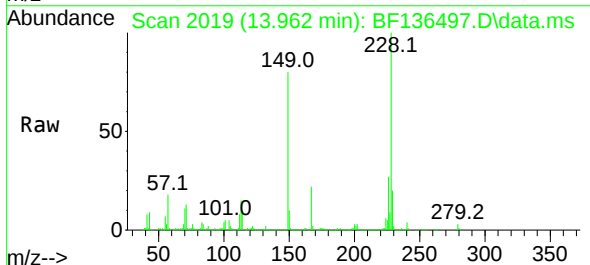
Tgt Ion:149 Resp: 414903

Ion Ratio Lower Upper

149 100

167 27.1 21.2 31.8

279 4.1 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 45.124 ng

RT: 14.580 min Scan# 2124

Delta R.T. -0.000 min

Lab File: BF136497.D

Acq: 11 Dec 2023 18:46

Instrument :

BNA_F

ClientSampleId :

MW-110MSD

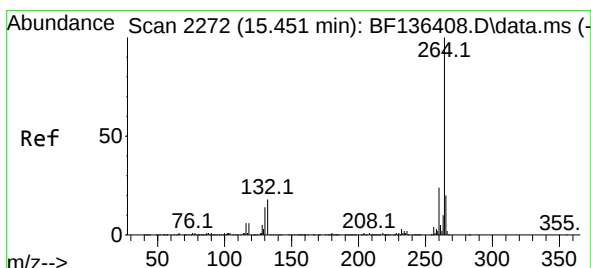
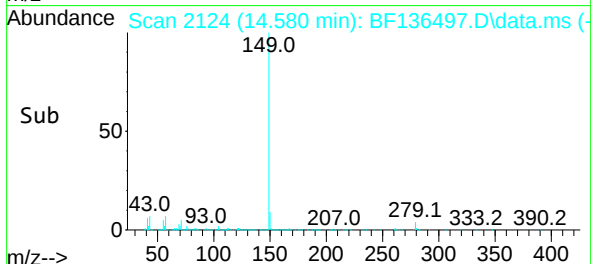
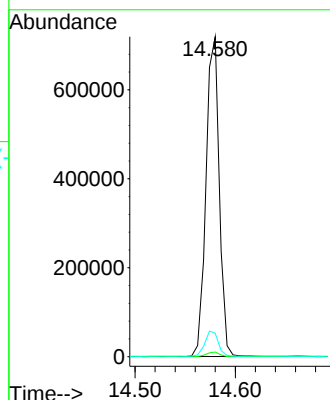
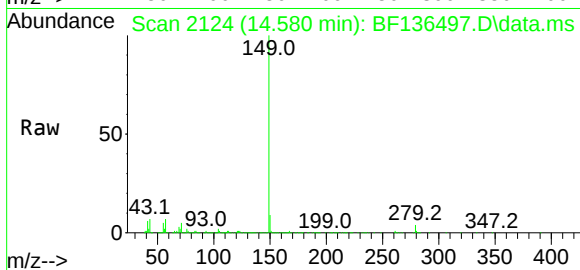
Tgt Ion:149 Resp: 665405

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 7.8 6.8 10.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 2272

Delta R.T. -0.000 min

Lab File: BF136497.D

Acq: 11 Dec 2023 18:46

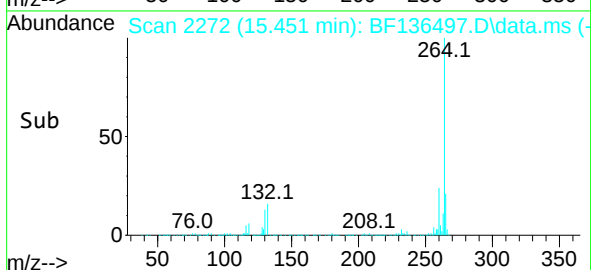
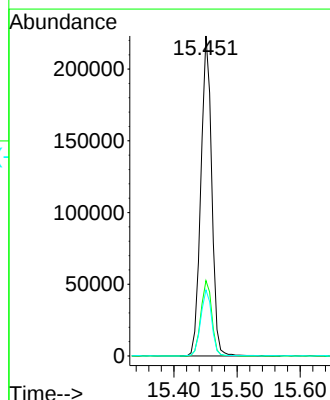
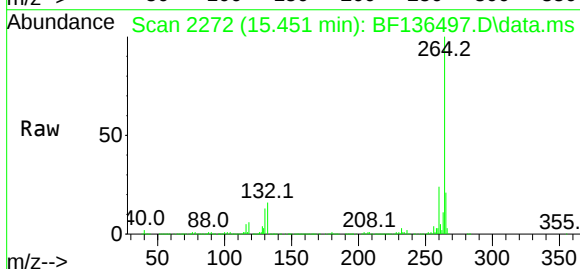
Tgt Ion:264 Resp: 265937

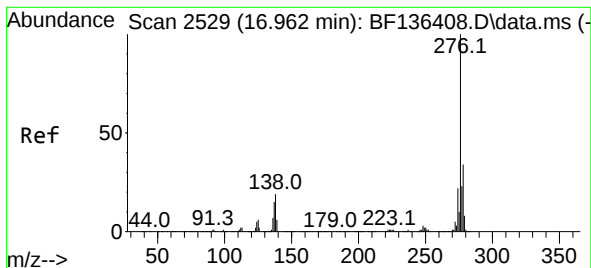
Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 20.7 15.9 23.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.864 ng

RT: 16.956 min Scan# 2199

Delta R.T. -0.006 min

Lab File: BF136497.D

Acq: 11 Dec 2023 18:46

Instrument :

BNA_F

ClientSampleId :

MW-110MSD

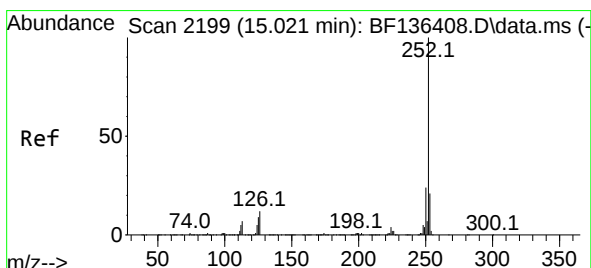
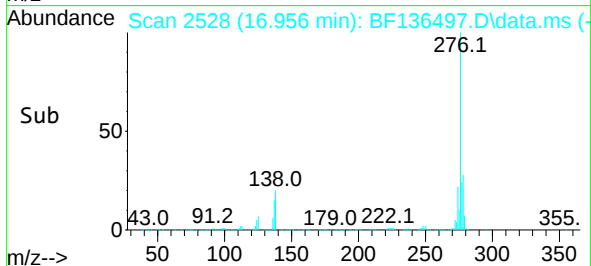
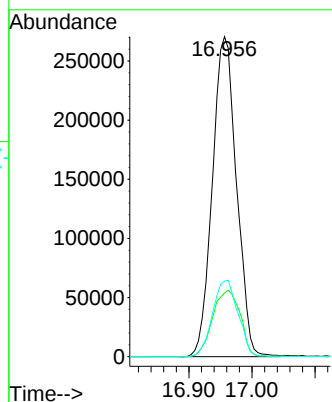
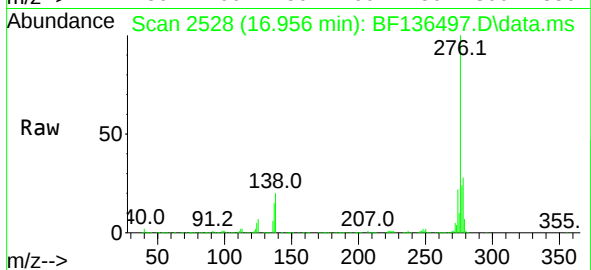
Tgt Ion:276 Resp: 718013

Ion Ratio Lower Upper

276 100

138 23.8 19.0 28.4

277 25.3 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 33.123 ng

RT: 15.021 min Scan# 2199

Delta R.T. -0.000 min

Lab File: BF136497.D

Acq: 11 Dec 2023 18:46

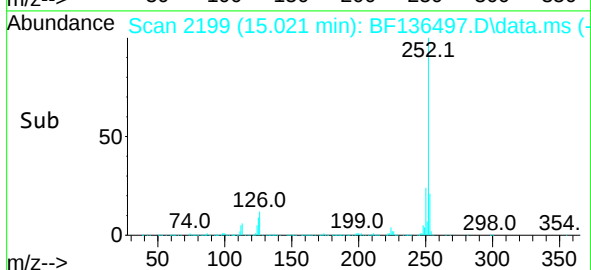
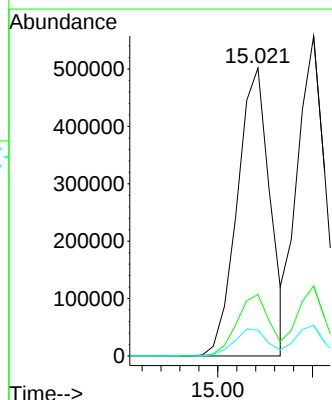
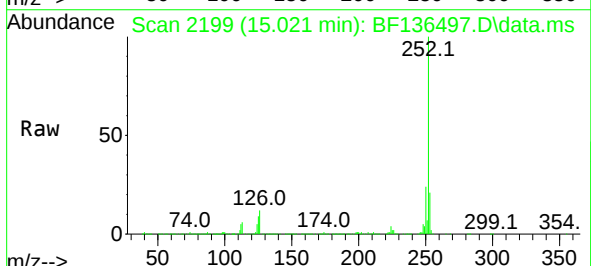
Tgt Ion:252 Resp: 602262

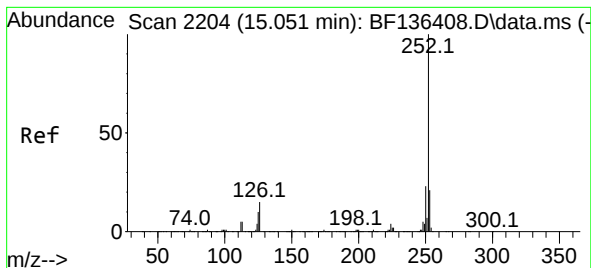
Ion Ratio Lower Upper

252 100

253 21.4 16.9 25.3

125 8.9 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 32.824 ng

RT: 15.051 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF136497.D

Acq: 11 Dec 2023 18:46

Instrument :

BNA_F

ClientSampleId :

MW-110MSD

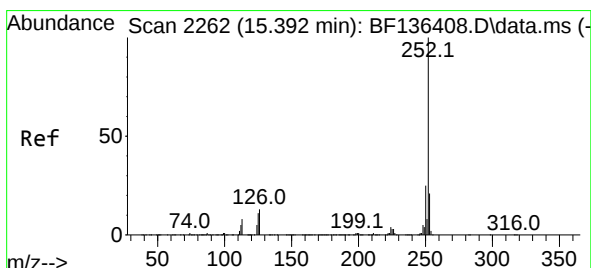
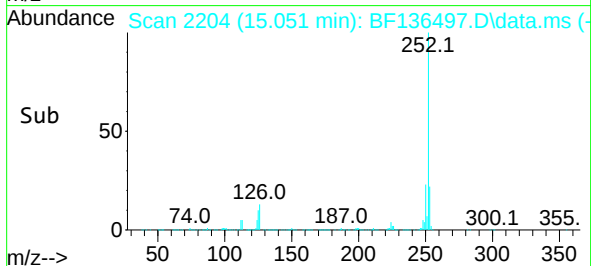
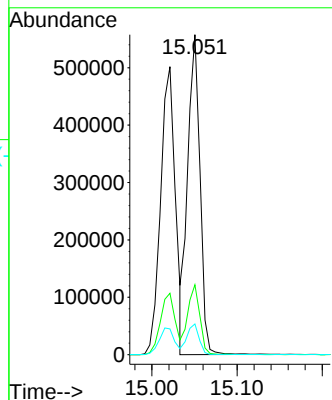
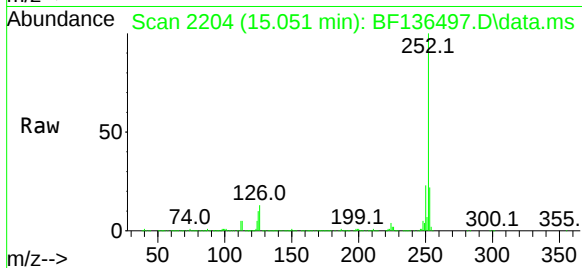
Tgt Ion:252 Resp: 562465

Ion Ratio Lower Upper

252 100

253 21.8 16.9 25.3

125 9.6 7.5 11.3



#90

Benzo(a)pyrene

Concen: 35.436 ng

RT: 15.392 min Scan# 2262

Delta R.T. -0.000 min

Lab File: BF136497.D

Acq: 11 Dec 2023 18:46

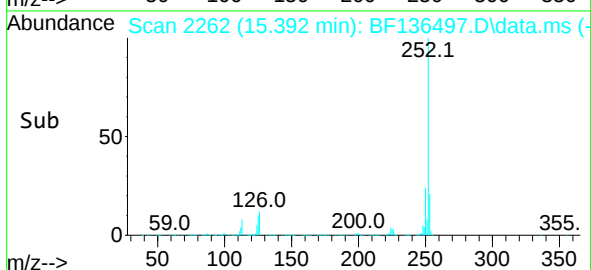
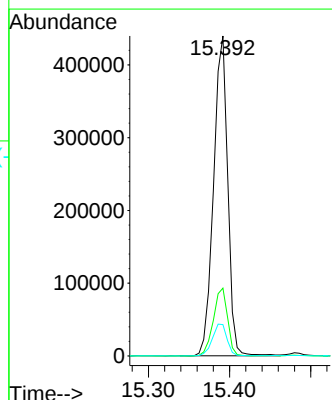
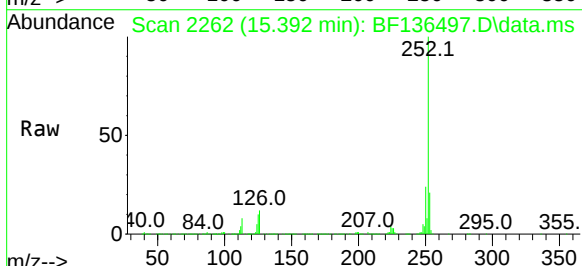
Tgt Ion:252 Resp: 532109

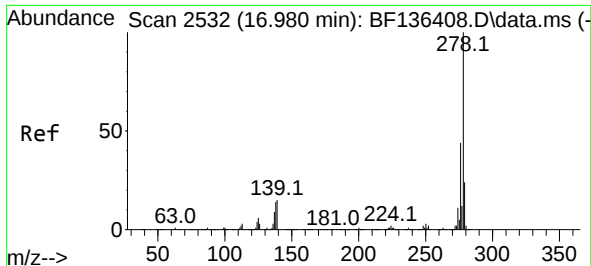
Ion Ratio Lower Upper

252 100

253 21.2 17.0 25.4

125 9.8 8.6 13.0

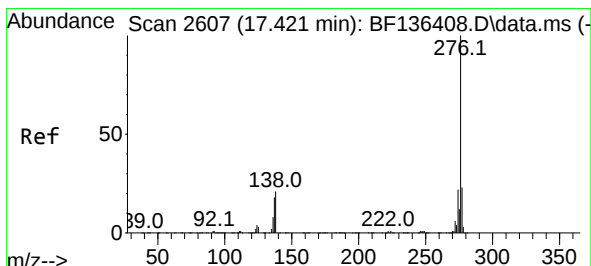
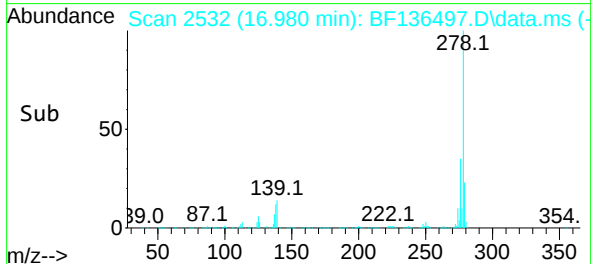
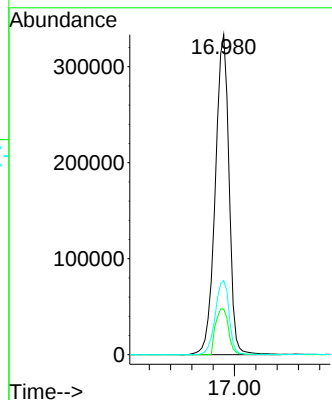
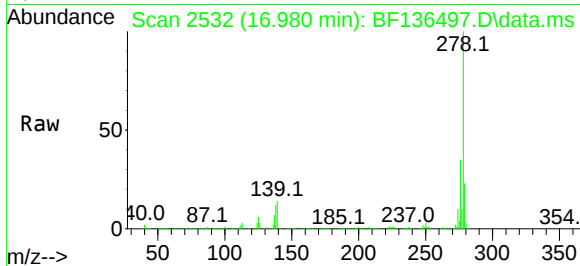




#91
 Dibenzo(a,h)anthracene
 Concen: 39.471 ng
 RT: 16.980 min Scan# 2532
 Delta R.T. -0.000 min
 Lab File: BF136497.D
 Acq: 11 Dec 2023 18:46

Instrument :
 BNA_F
 ClientSampleId :
 MW-110MSD

Tgt Ion:278 Resp: 597421
 Ion Ratio Lower Upper
 278 100
 139 14.2 12.2 18.4
 279 23.1 19.0 28.4



#92
 Benzo(g,h,i)perylene
 Concen: 37.541 ng
 RT: 17.415 min Scan# 2606
 Delta R.T. -0.006 min
 Lab File: BF136497.D
 Acq: 11 Dec 2023 18:46

Tgt Ion:276 Resp: 583200
 Ion Ratio Lower Upper
 276 100
 277 22.6 18.7 28.1
 138 20.2 16.6 25.0

