

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
 Data File : BF136348.D
 Acq On : 01 Dec 2023 20:41
 Operator : CG\JU
 Sample : 05379-09MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-5MS

Quant Time: Dec 02 00:35:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	116043	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	483211	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	227252	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	325020	20.000	ng	0.00
76) Chrysene-d12	13.986	240	195392	20.000	ng	0.00
86) Perylene-d12	15.468	264	249106	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	798035	95.718	ng	0.01
7) Phenol-d6	6.451	99	1020917	97.932	ng	0.00
23) Nitrobenzene-d5	7.369	82	622351	68.059	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	247712	89.158	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1221493	68.656	ng	0.00
79) Terphenyl-d14	12.927	244	771200	45.527	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.657	88	131404	41.654	ng	95
3) Pyridine	3.410	79	313016	40.196	ng	94
4) n-Nitrosodimethylamine	3.381	42	163277	41.479	ng	90
6) Aniline	6.475	93	366093	37.155	ng	95
8) 2-Chlorophenol	6.592	128	430572	47.430	ng	95
9) Benzaldehyde	6.357	77	49184	8.465	ng	97
10) Phenol	6.463	94	524059	46.858	ng	98
11) bis(2-Chloroethyl)ether	6.551	93	383832	46.782	ng	93
12) 1,3-Dichlorobenzene	6.745	146	447287	43.417	ng	98
13) 1,4-Dichlorobenzene	6.822	146	459946	43.918	ng	97
14) 1,2-Dichlorobenzene	6.975	146	432648	43.637	ng	97
15) Benzyl Alcohol	6.951	79	338195	46.271	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.081	45	515086	45.197	ng	97
17) 2-Methylphenol	7.063	107	333249	46.694	ng	98
18) Hexachloroethane	7.316	117	158741	43.212	ng	93
19) n-Nitroso-di-n-propyla...	7.222	70	283397	45.454	ng	97
20) 3+4-Methylphenols	7.216	107	415943	44.843	ng	96
22) Acetophenone	7.216	105	593390	46.758	ng	# 96
24) Nitrobenzene	7.387	77	423750	45.729	ng	98
25) Isophorone	7.628	82	782925	47.483	ng	97
26) 2-Nitrophenol	7.704	139	214385	54.298	ng	97
27) 2,4-Dimethylphenol	7.745	122	316294	60.864	ng	92
28) bis(2-Chloroethoxy)met...	7.839	93	485635	48.693	ng	98
29) 2,4-Dichlorophenol	7.945	162	349321	49.835	ng	97
30) 1,2,4-Trichlorobenzene	8.028	180	394294	45.945	ng	98
31) Naphthalene	8.110	128	1265045	46.577	ng	98
32) Benzoic acid	7.875	122	254325	53.698	ng	99
33) 4-Chloroaniline	8.157	127	227673	24.661	ng	96
34) Hexachlorobutadiene	8.222	225	224475	44.709	ng	99
35) Caprolactam	8.534	113	79548	40.596	ng	96
36) 4-Chloro-3-methylphenol	8.645	107	345664	45.468	ng	93
37) 2-Methylnaphthalene	8.798	142	784518	46.047	ng	98
38) 1-Methylnaphthalene	8.898	142	752560	45.280	ng	94
40) 1,2,4,5-Tetrachloroben...	8.963	216	379083	52.415	ng	98
41) Hexachlorocyclopentadiene	8.951	237	292683	105.173	ng	97
43) 2,4,6-Trichlorophenol	9.081	196	236094	50.294	ng	92

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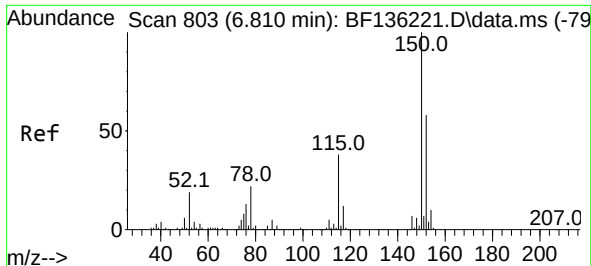
Quant Time: Dec 02 00:35:41 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	248372	48.483	ng	98
46) 1,1'-Biphenyl	9.263	154	1021548	50.975	ng	97
47) 2-Chloronaphthalene	9.286	162	763972	49.089	ng	96
48) 2-Nitroaniline	9.386	65	195164	48.032	ng	89
49) Acenaphthylene	9.704	152	1186001	53.401	ng	99
50) Dimethylphthalate	9.569	163	844741	49.181	ng	98
51) 2,6-Dinitrotoluene	9.633	165	172841	49.257	ng	90
52) Acenaphthene	9.880	154	668061	47.599	ng	98
53) 3-Nitroaniline	9.798	138	130880	37.591	ng	95
54) 2,4-Dinitrophenol	9.910	184	150829	92.422	ng	# 88
55) Dibenzofuran	10.051	168	990353	47.420	ng	98
56) 4-Nitrophenol	9.963	139	205720	77.796	ng	91
57) 2,4-Dinitrotoluene	10.039	165	213350	45.518	ng	92
58) Fluorene	10.392	166	735222	44.880	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.169	232	179697	44.087	ng	98
60) Diethylphthalate	10.275	149	775492	45.135	ng	98
61) 4-Chlorophenyl-phenyle...	10.386	204	362466	45.561	ng	96
62) 4-Nitroaniline	10.416	138	130298	38.232	ng	94
63) Azobenzene	10.551	77	693130	43.515	ng	93
65) 4,6-Dinitro-2-methylph...	10.445	198	96342	54.205	ng	80
66) n-Nitrosodiphenylamine	10.510	169	616537	59.193	ng	99
67) 4-Bromophenyl-phenylether	10.880	248	214259	56.505	ng	93
68) Hexachlorobenzene	10.939	284	233584	53.225	ng	# 91
69) Atrazine	11.039	200	173512	56.157	ng	98
70) Pentachlorophenol	11.139	266	217550	87.698	ng	96
71) Phenanthrene	11.357	178	997449	54.602	ng	98
72) Anthracene	11.410	178	949792	51.847	ng	99
73) Carbazole	11.569	167	694747	44.591	ng	99
74) Di-n-butylphthalate	11.904	149	945688	48.510	ng	99
75) Fluoranthene	12.551	202	944702	50.942	ng	95
77) Benzidine	12.674	184	150838	46.962	ng	98
78) Pyrene	12.780	202	949808	44.386	ng	97
80) Butylbenzylphthalate	13.410	149	299789	45.015	ng	97
81) Benzo(a)anthracene	13.974	228	839988	57.878	ng	98
82) 3,3'-Dichlorobenzidine	13.939	252	214658	61.445	ng	97
83) Chrysene	14.015	228	825145	58.884	ng	98
84) Bis(2-ethylhexyl)phtha...	13.974	149	424751	53.143	ng	# 99
85) Di-n-octyl phthalate	14.592	149	833699	62.480	ng	99
87) Indeno(1,2,3-cd)pyrene	16.980	276	856663	46.118	ng	99
88) Benzo(b)fluoranthene	15.039	252	1036080	59.283	ng	99
89) Benzo(k)fluoranthene	15.068	252	842418	50.751	ng	99
90) Benzo(a)pyrene	15.410	252	869757	60.878	ng	98
91) Dibenzo(a,h)anthracene	17.004	278	610037	41.226	ng	98
92) Benzo(g,h,i)perylene	17.439	276	622180	41.747	ng	97

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

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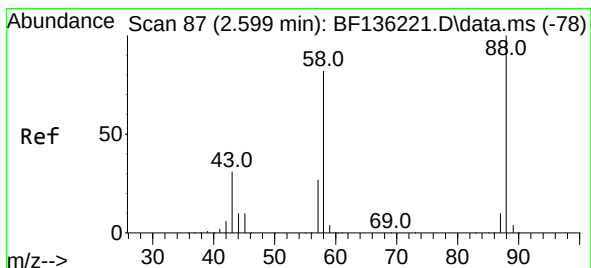
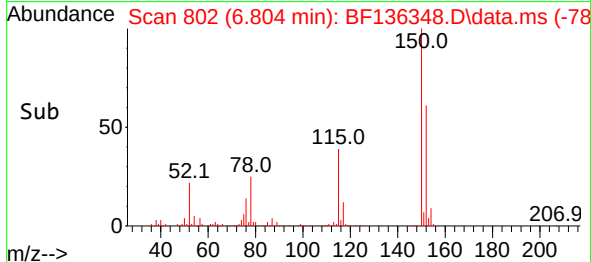
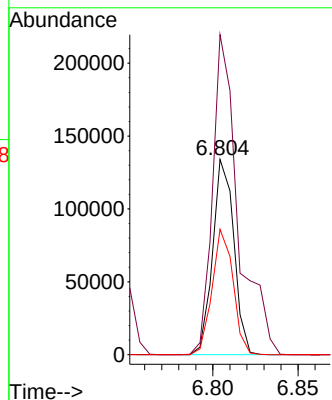
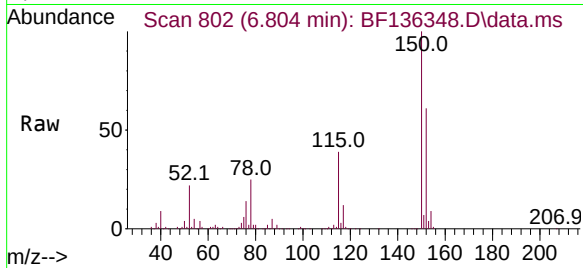




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.804 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF136348.D
 Acq: 01 Dec 2023 20:41

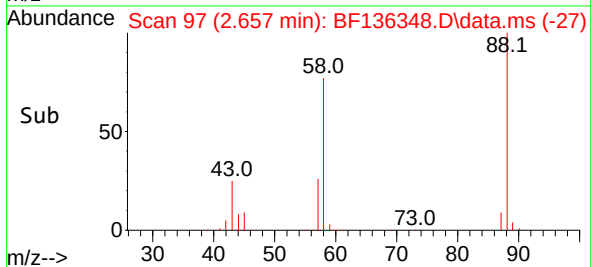
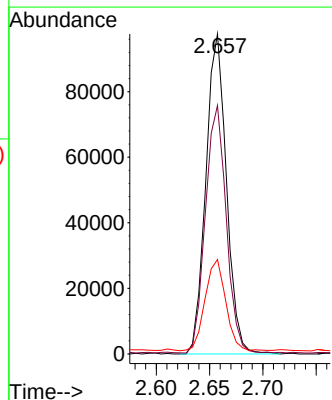
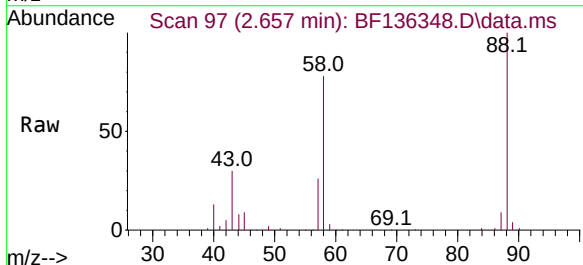
Instrument :
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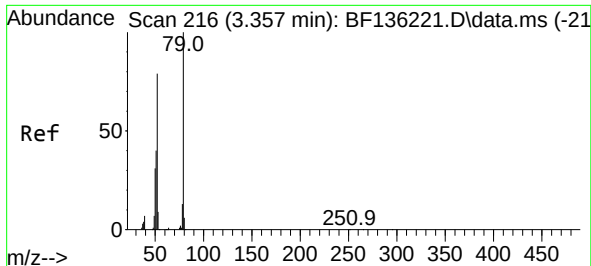
Tgt Ion:152 Resp: 116043
 Ion Ratio Lower Upper
 152 100
 150 163.9 137.8 206.8
 115 64.2 52.7 79.1



#2
 1,4-Dioxane
 Concen: 41.654 ng
 RT: 2.657 min Scan# 97
 Delta R.T. 0.059 min
 Lab File: BF136348.D
 Acq: 01 Dec 2023 20:41

Tgt Ion: 88 Resp: 131404
 Ion Ratio Lower Upper
 88 100
 58 78.3 65.9 98.9
 43 28.5 24.8 37.2

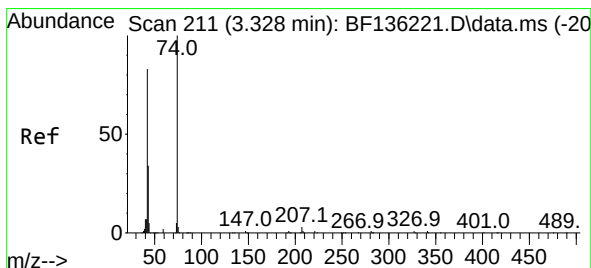
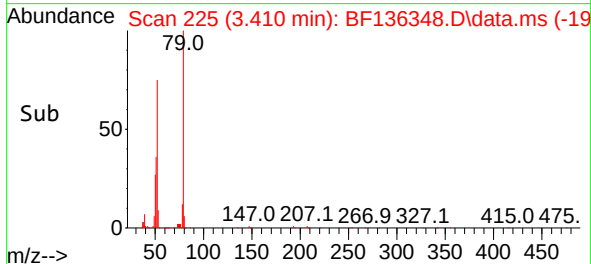
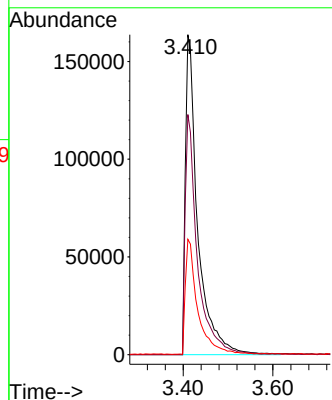
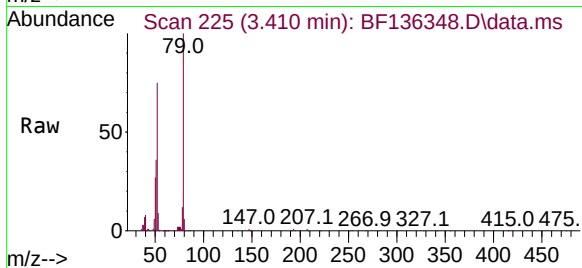




#3
Pyridine
Concen: 40.196 ng
RT: 3.410 min Scan# 21
Delta R.T. 0.053 min
Lab File: BF136348.D
Acq: 01 Dec 2023 20:41

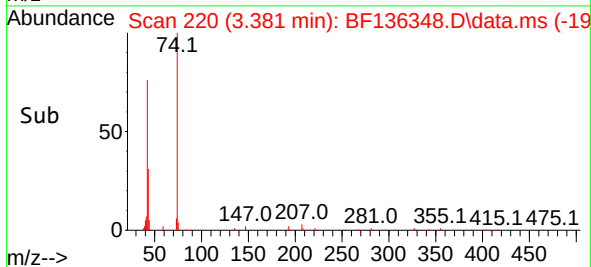
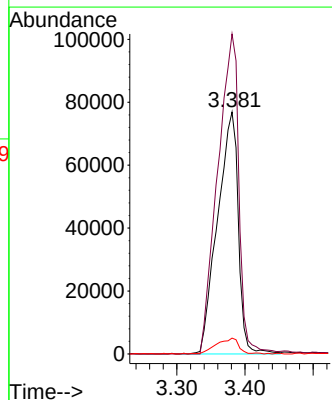
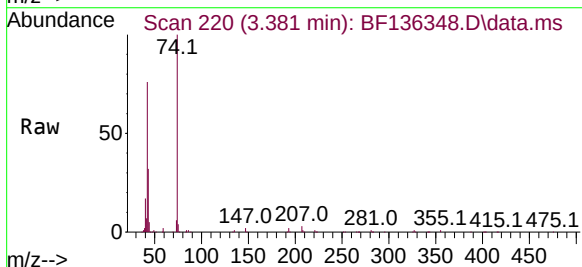
Instrument :
BNA_F
ClientSampleId :
WC-5MS

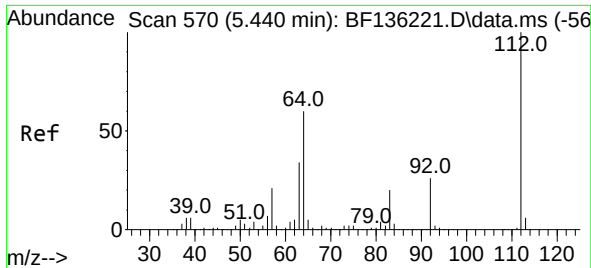
Tgt Ion: 79 Resp: 313016
Ion Ratio Lower Upper
79 100
52 75.1 63.2 94.8
51 36.1 32.6 49.0



#4
n-Nitrosodimethylamine
Concen: 41.479 ng
RT: 3.381 min Scan# 220
Delta R.T. 0.053 min
Lab File: BF136348.D
Acq: 01 Dec 2023 20:41

Tgt Ion: 42 Resp: 163277
Ion Ratio Lower Upper
42 100
74 132.3 96.6 144.8
44 6.6 5.4 8.2

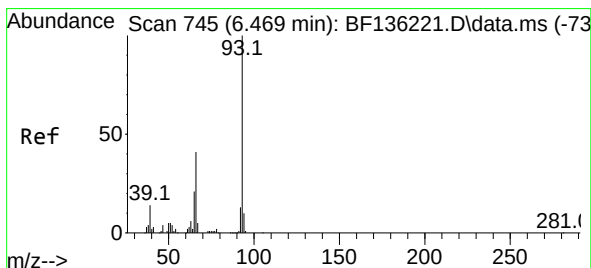
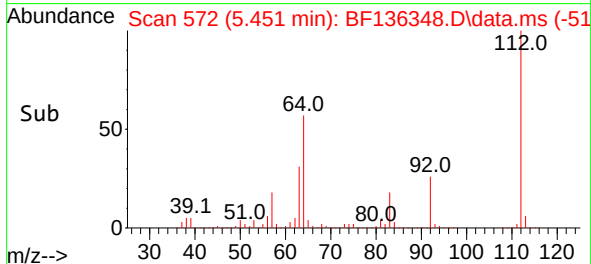
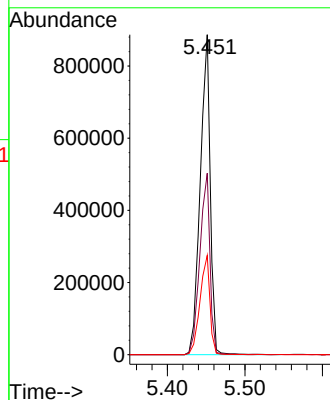
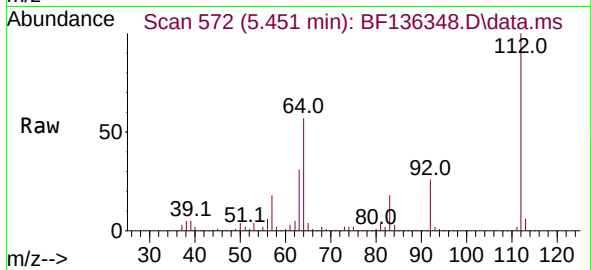




#5
2-Fluorophenol
Concen: 95.718 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF136348.D
Acq: 01 Dec 2023 20:41

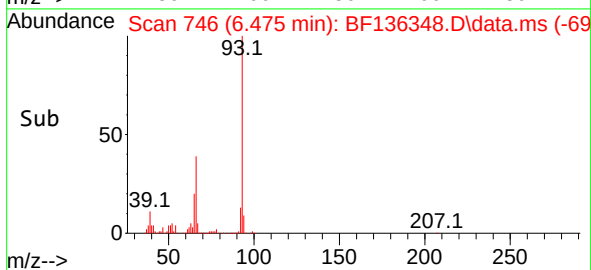
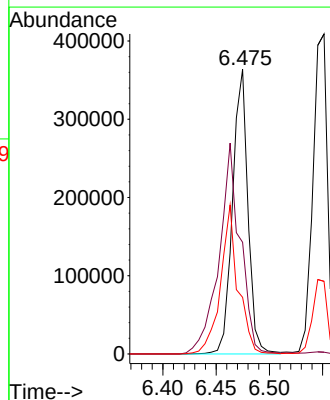
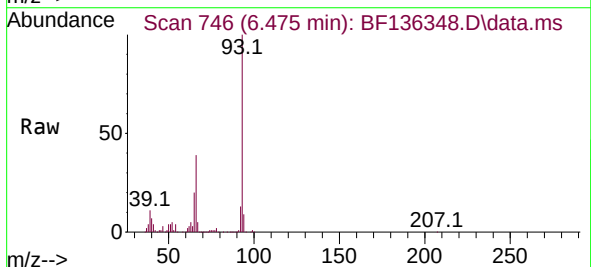
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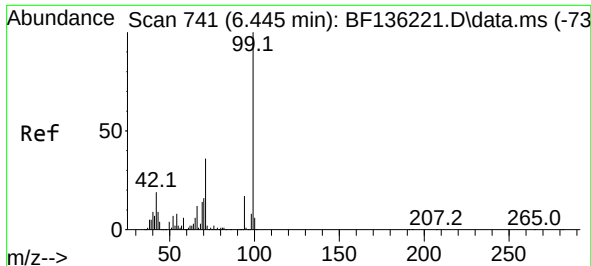
Tgt Ion:112 Resp: 798035
Ion Ratio Lower Upper
112 100
64 56.7 48.2 72.4
63 31.0 27.0 40.6



#6
Aniline
Concen: 37.155 ng
RT: 6.475 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF136348.D
Acq: 01 Dec 2023 20:41

Tgt Ion: 93 Resp: 366093
Ion Ratio Lower Upper
93 100
66 39.2 34.1 51.1
65 19.9 17.3 25.9

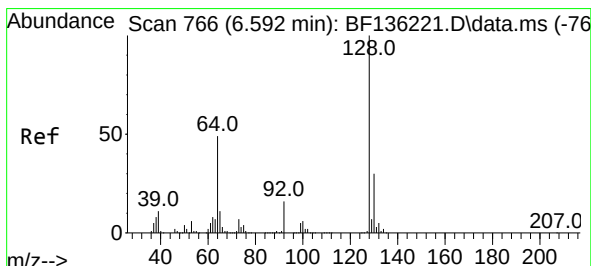
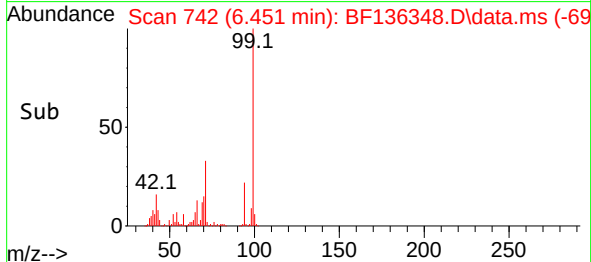
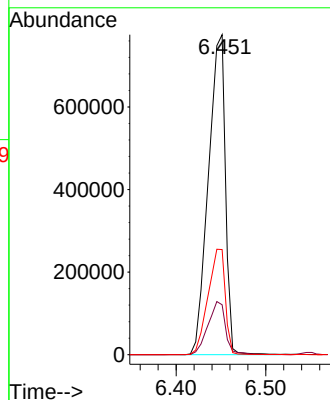
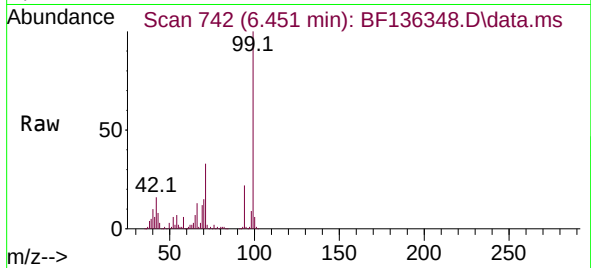




#7
Phenol-d6
Concen: 97.932 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF136348.D
Acq: 01 Dec 2023 20:41

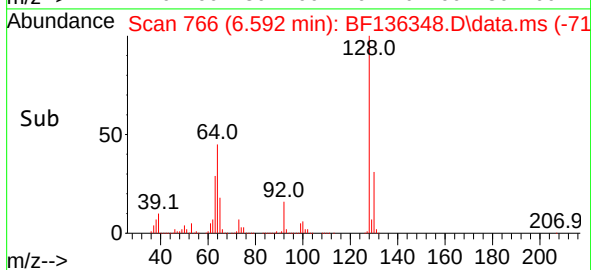
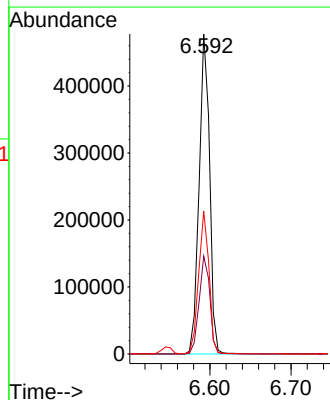
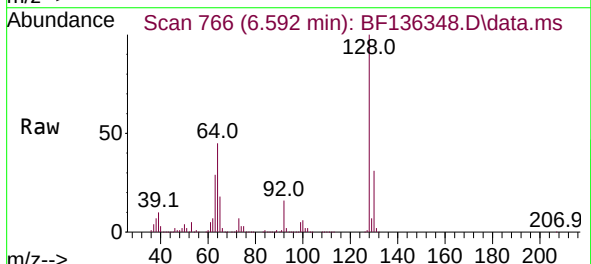
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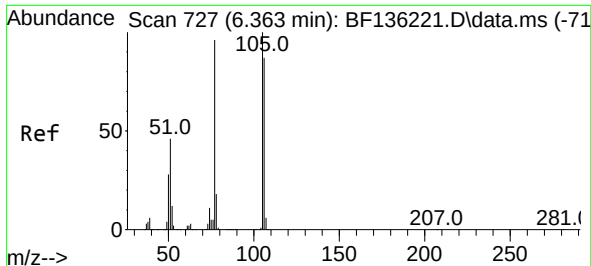
Tgt Ion: 99 Resp: 1020917
Ion Ratio Lower Upper
99 100
42 15.6 15.0 22.6
71 32.9 28.9 43.3



#8
2-Chlorophenol
Concen: 47.430 ng
RT: 6.592 min Scan# 766
Delta R.T. 0.000 min
Lab File: BF136348.D
Acq: 01 Dec 2023 20:41

Tgt Ion: 128 Resp: 430572
Ion Ratio Lower Upper
128 100
130 30.6 10.3 50.3
64 44.6 30.0 70.0





#9

Benzaldehyde

Concen: 8.465 ng

RT: 6.357 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF136348.D

Acq: 01 Dec 2023 20:41

Instrument :

BNA_F

ClientSampleId :

WC-5MS

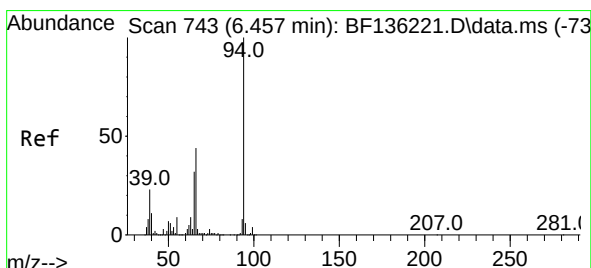
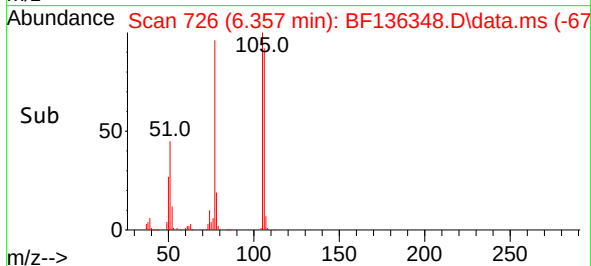
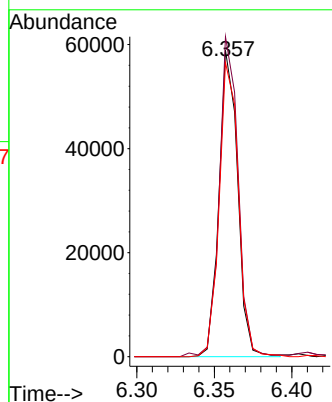
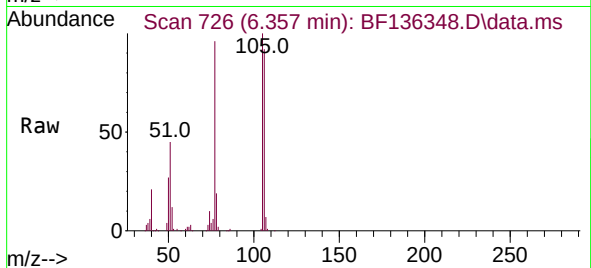
Tgt Ion: 77 Resp: 49184

Ion Ratio Lower Upper

77 100

105 104.4 84.3 124.3

106 96.0 71.0 111.0



#10

Phenol

Concen: 46.858 ng

RT: 6.463 min Scan# 744

Delta R.T. 0.006 min

Lab File: BF136348.D

Acq: 01 Dec 2023 20:41

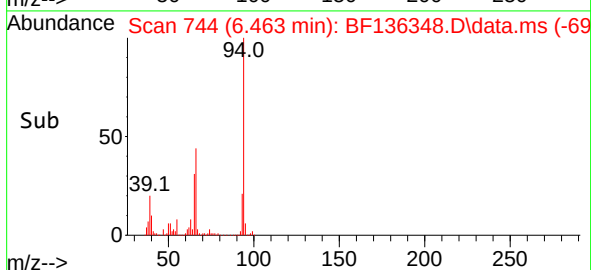
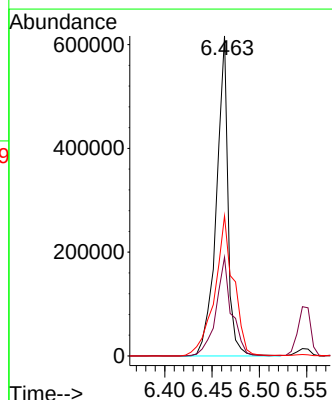
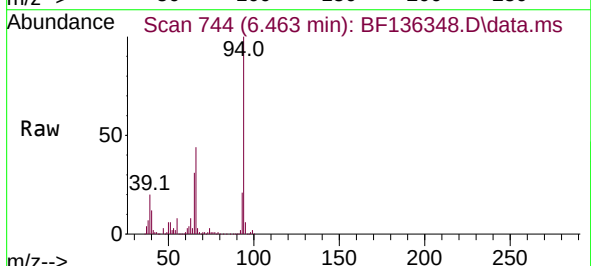
Tgt Ion: 94 Resp: 524059

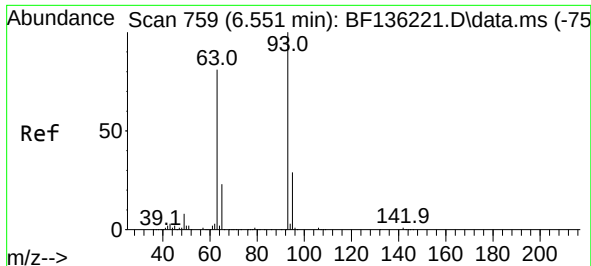
Ion Ratio Lower Upper

94 100

65 30.9 12.5 52.5

66 43.7 24.1 64.1





#11

bis(2-Chloroethyl)ether

Concen: 46.782 ng

RT: 6.551 min Scan# 710

Delta R.T. 0.000 min

Lab File: BF136348.D

Acq: 01 Dec 2023 20:41

Instrument :

BNA_F

ClientSampleId :

WC-5MS

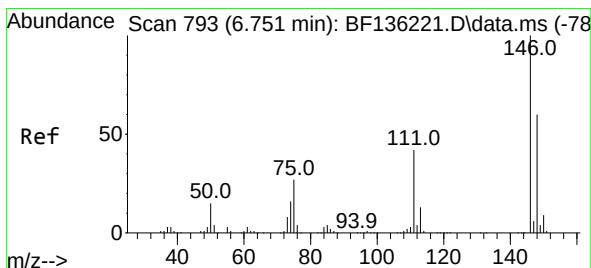
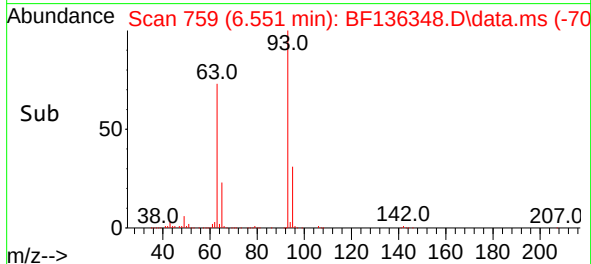
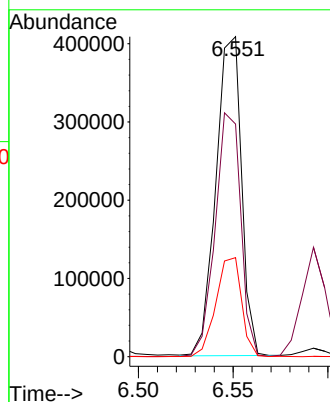
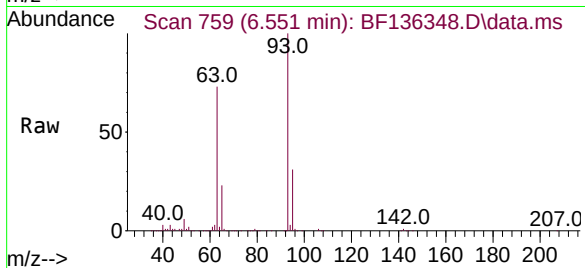
Tgt Ion: 93 Resp: 383832

Ion Ratio Lower Upper

93 100

63 72.7 60.2 100.2

95 31.0 9.1 49.1



#12

1,3-Dichlorobenzene

Concen: 43.417 ng

RT: 6.745 min Scan# 792

Delta R.T. -0.006 min

Lab File: BF136348.D

Acq: 01 Dec 2023 20:41

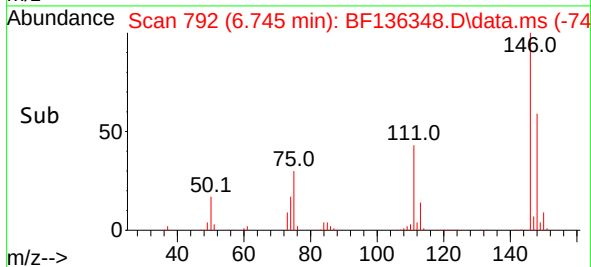
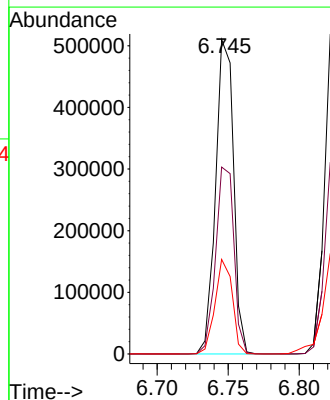
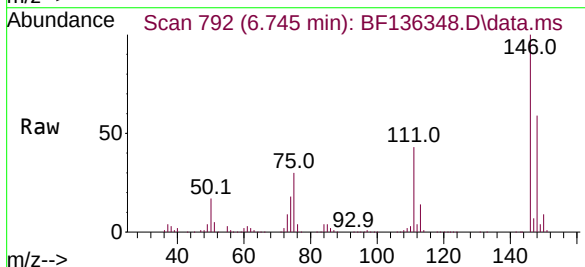
Tgt Ion: 146 Resp: 447287

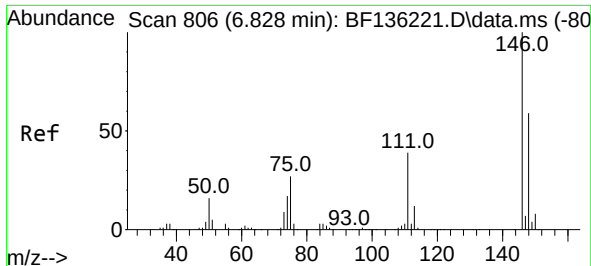
Ion Ratio Lower Upper

146 100

148 59.5 47.8 71.6

75 30.1 22.0 33.0





#13

1,4-Dichlorobenzene

Concen: 43.918 ng

RT: 6.822 min Scan# 806

Delta R.T. -0.006 min

Lab File: BF136348.D

Acq: 01 Dec 2023 20:41

Instrument :

BNA_F

ClientSampleId :

WC-5MS

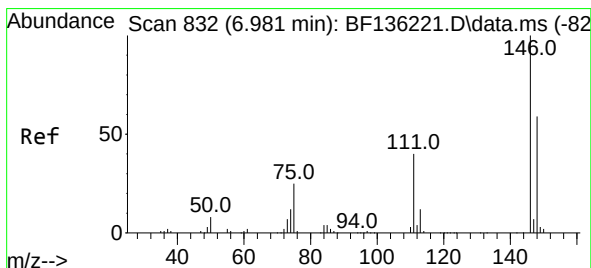
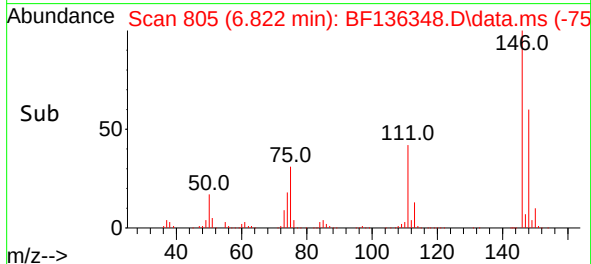
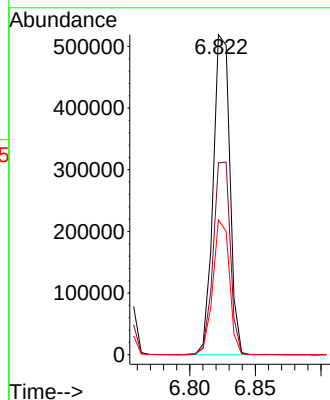
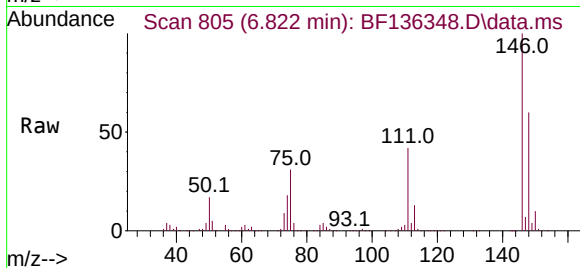
Tgt Ion:146 Resp: 459946

Ion Ratio Lower Upper

146 100

148 60.0 47.0 70.6

111 42.1 31.5 47.3



#14

1,2-Dichlorobenzene

Concen: 43.637 ng

RT: 6.975 min Scan# 831

Delta R.T. -0.006 min

Lab File: BF136348.D

Acq: 01 Dec 2023 20:41

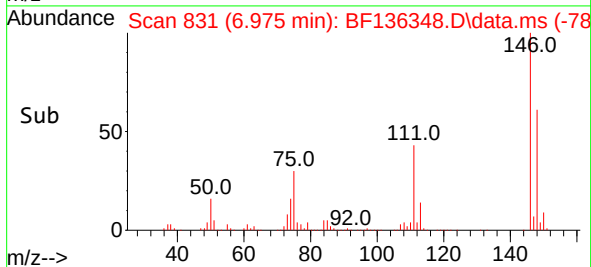
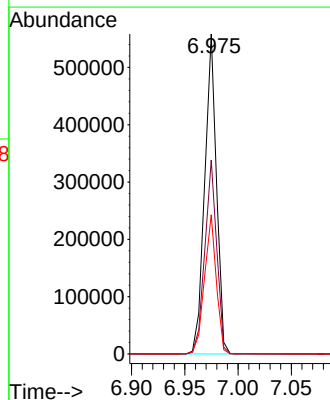
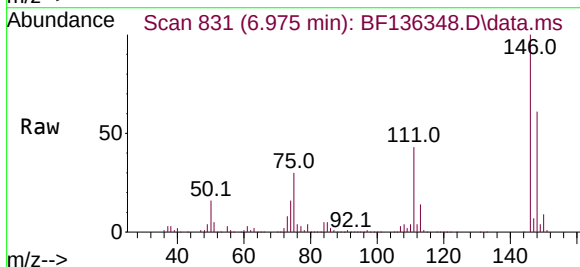
Tgt Ion:146 Resp: 432648

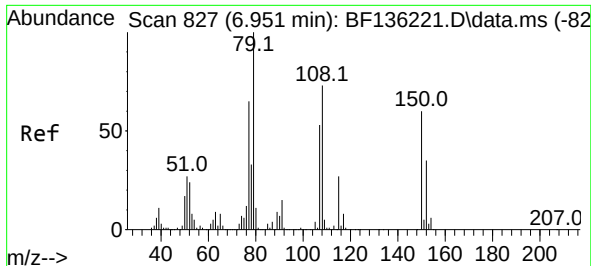
Ion Ratio Lower Upper

146 100

148 60.6 47.3 70.9

111 43.5 32.4 48.6

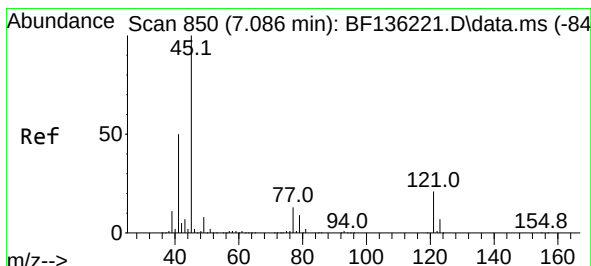
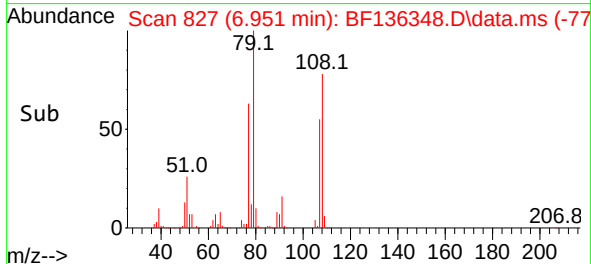
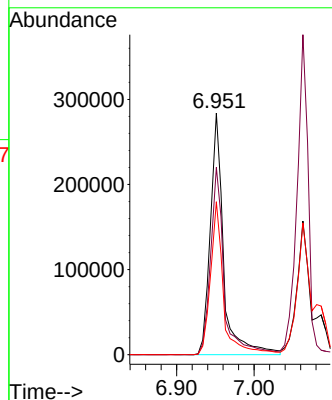
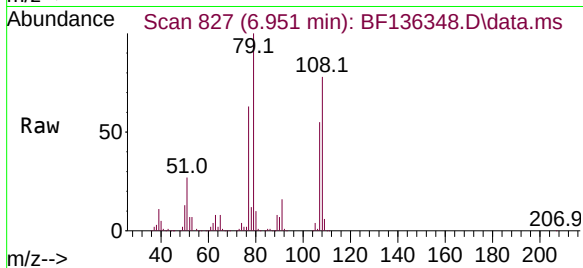




#15
Benzyl Alcohol
Concen: 46.271 ng
RT: 6.951 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136348.D
Acq: 01 Dec 2023 20:41

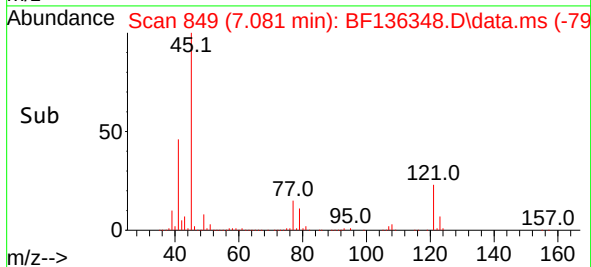
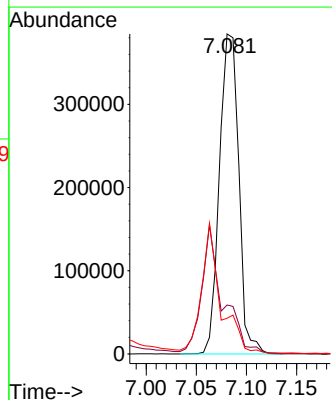
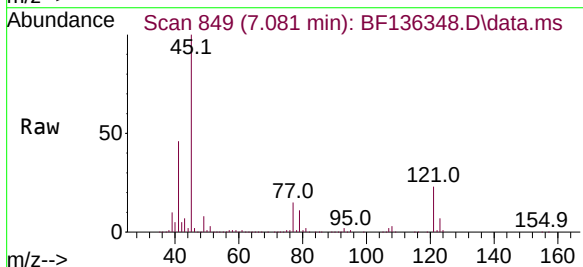
Instrument :
BNA_F
ClientSampleId :
WC-5MS

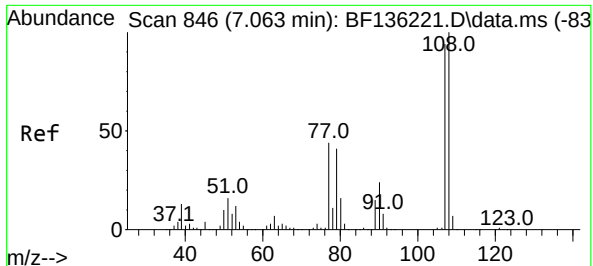
Tgt Ion: 79 Resp: 338195
Ion Ratio Lower Upper
79 100
108 77.5 58.1 87.1
77 63.3 51.8 77.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.197 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF136348.D
Acq: 01 Dec 2023 20:41

Tgt Ion: 45 Resp: 515086
Ion Ratio Lower Upper
45 100
77 15.3 0.0 34.0
79 11.2 0.0 30.1

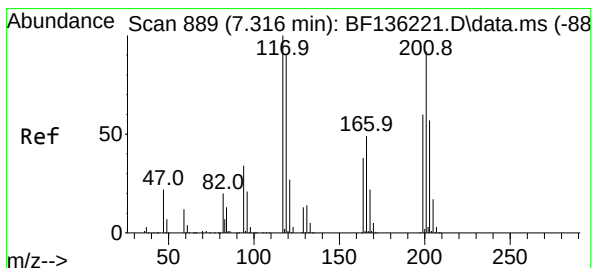
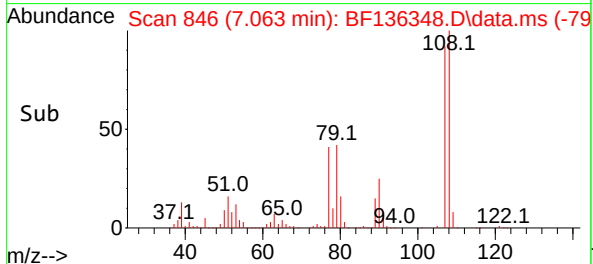
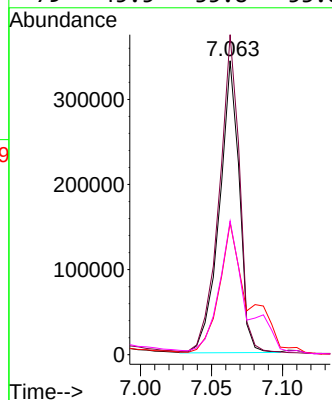
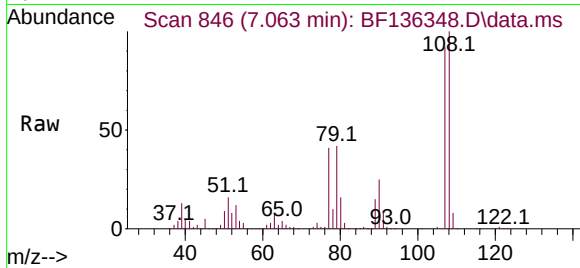




#17
2-Methylphenol
Concen: 46.694 ng
RT: 7.063 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF136348.D
Acq: 01 Dec 2023 20:41

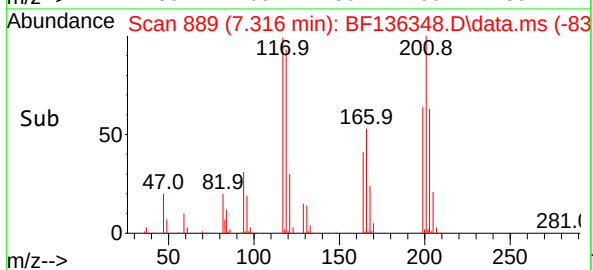
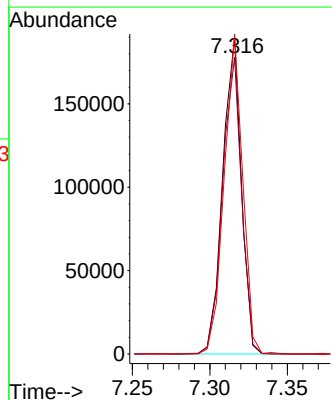
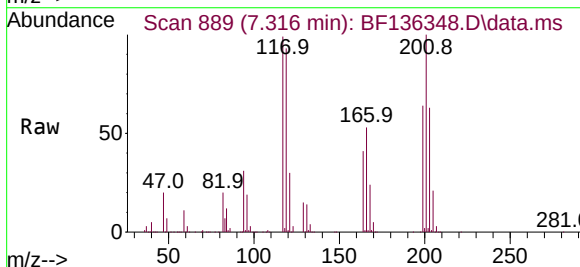
Instrument :
BNA_F
ClientSampleId :
WC-5MS

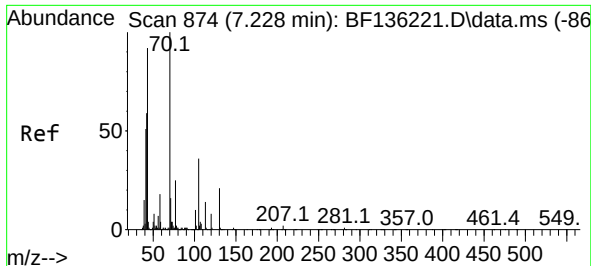
Tgt Ion:107 Resp: 333249
Ion Ratio Lower Upper
107 100
108 108.9 85.4 128.0
77 44.9 37.4 56.2
79 45.5 35.8 53.8



#18
Hexachloroethane
Concen: 43.212 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF136348.D
Acq: 01 Dec 2023 20:41

Tgt Ion:117 Resp: 158741
Ion Ratio Lower Upper
117 100
119 93.7 71.6 107.4
201 101.0 73.4 110.2





#19

n-Nitroso-di-n-propylamine

Concen: 45.454 ng

RT: 7.222 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF136348.D

Acq: 01 Dec 2023 20:41

Instrument :

BNA_F

ClientSampleId :

WC-5MS

Tgt Ion: 70 Resp: 283397

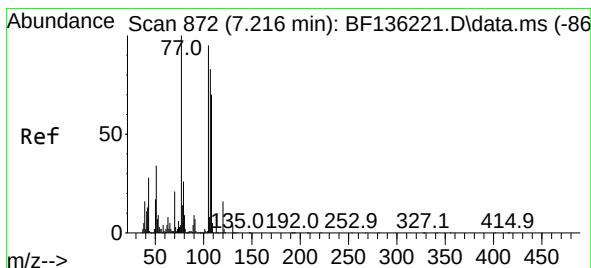
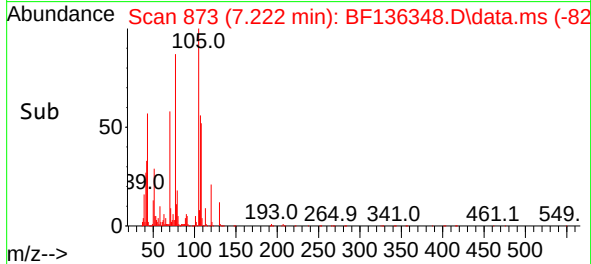
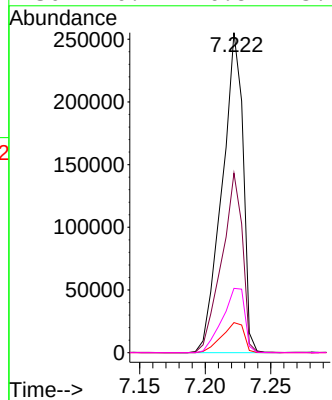
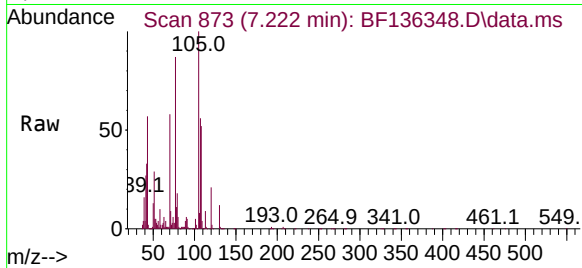
Ion Ratio Lower Upper

70 100

42 56.1 47.0 70.4

101 9.4 7.8 11.8

130 20.1 16.8 25.2



#20

3+4-Methylphenols

Concen: 44.843 ng

RT: 7.216 min Scan# 872

Delta R.T. 0.000 min

Lab File: BF136348.D

Acq: 01 Dec 2023 20:41

Tgt Ion: 107 Resp: 415943

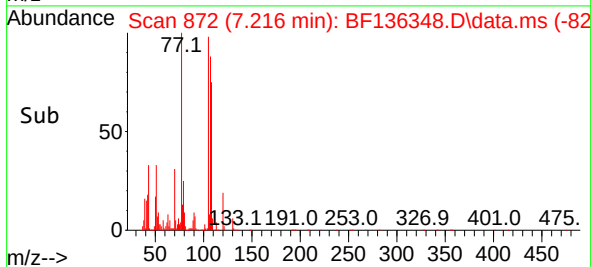
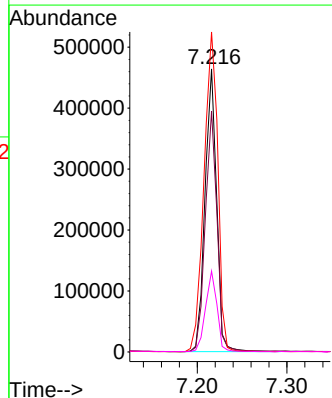
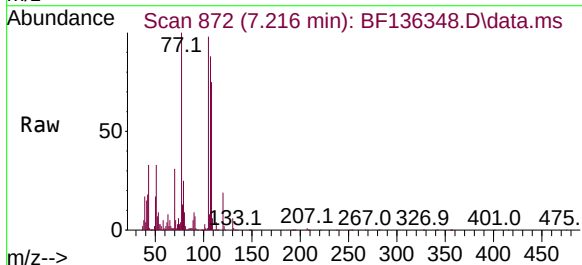
Ion Ratio Lower Upper

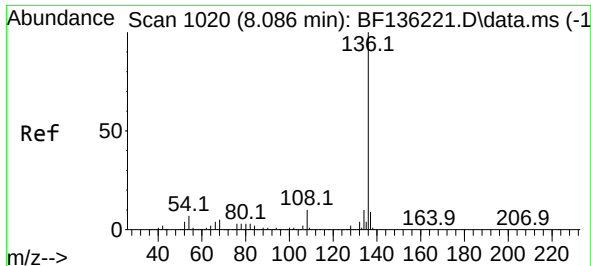
107 100

108 85.1 63.9 103.9

77 113.0 100.2 140.2

79 28.5 11.1 51.1



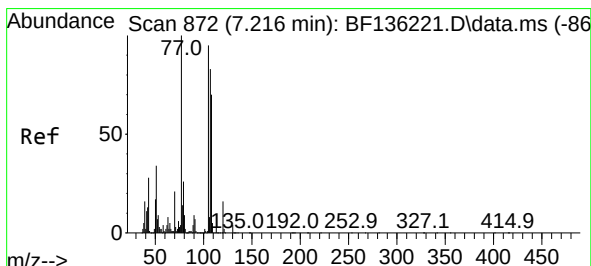
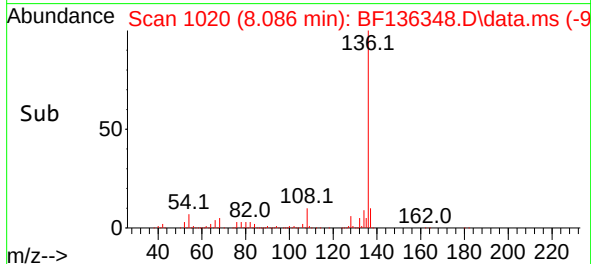
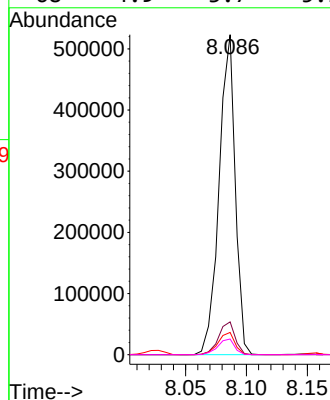
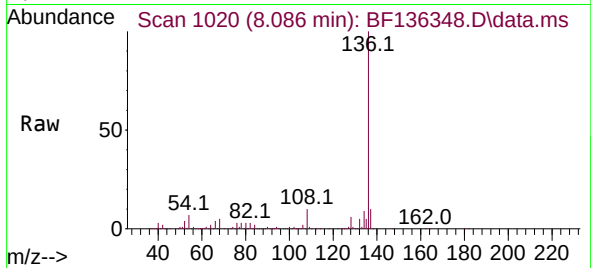


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BF136348.D
Acq: 01 Dec 2023 20:41

Instrument :
BNA_F
ClientSampleId :
WC-5MS

Tgt Ion:136 Resp: 483211

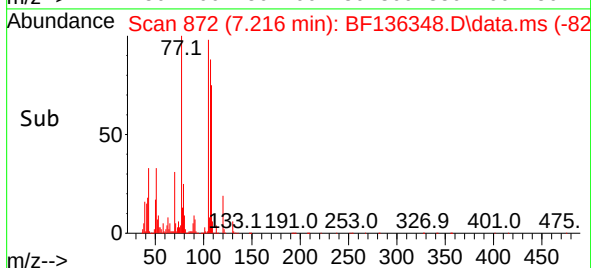
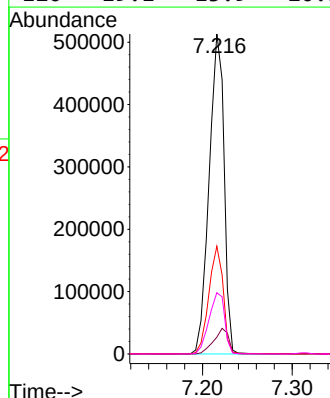
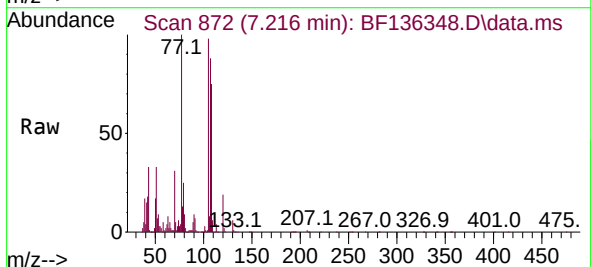
Ion	Ratio	Lower	Upper
136	100		
137	10.3	7.4	11.2
54	7.0	5.5	8.3
68	4.9	3.7	5.5

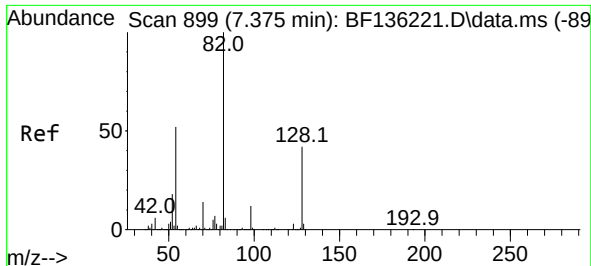


#22
Acetophenone
Concen: 46.758 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF136348.D
Acq: 01 Dec 2023 20:41

Tgt Ion:105 Resp: 593390

Ion	Ratio	Lower	Upper
105	100		
71	5.2	2.8	4.2
51	33.6	29.0	43.6
120	19.1	13.9	20.9





#23

Nitrobenzene-d5

Concen: 68.059 ng

RT: 7.369 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF136348.D

Acq: 01 Dec 2023 20:41

Instrument :

BNA_F

ClientSampleId :

WC-5MS

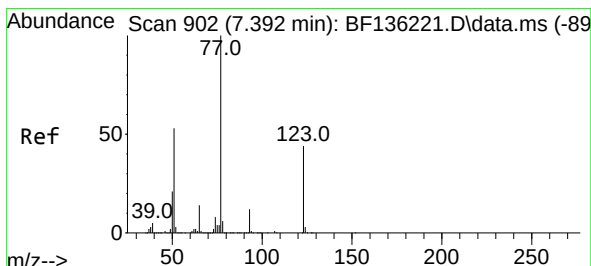
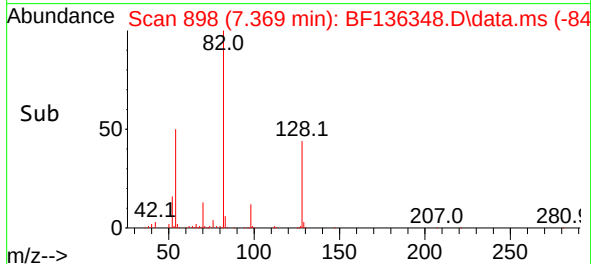
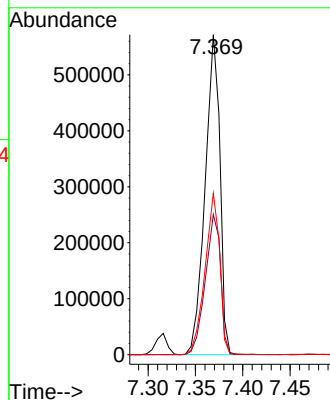
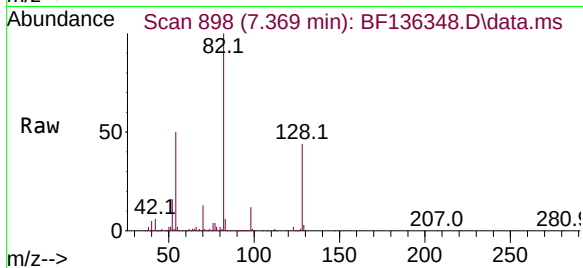
Tgt Ion: 82 Resp: 622351

Ion Ratio Lower Upper

82 100

128 43.8 33.4 50.2

54 50.4 41.7 62.5



#24

Nitrobenzene

Concen: 45.729 ng

RT: 7.387 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF136348.D

Acq: 01 Dec 2023 20:41

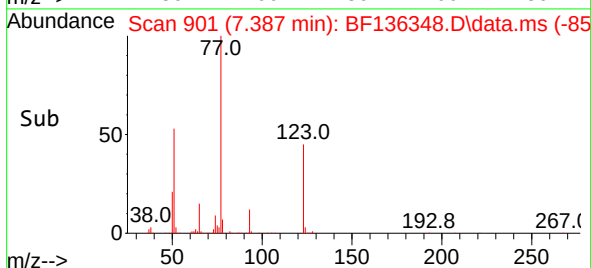
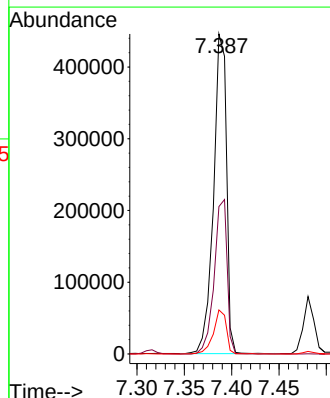
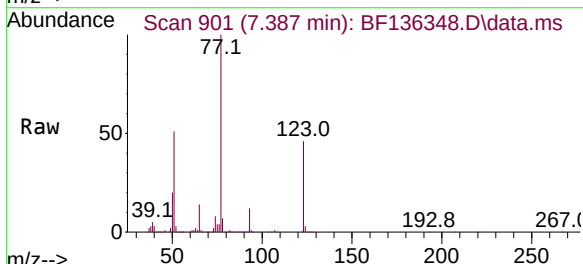
Tgt Ion: 77 Resp: 423750

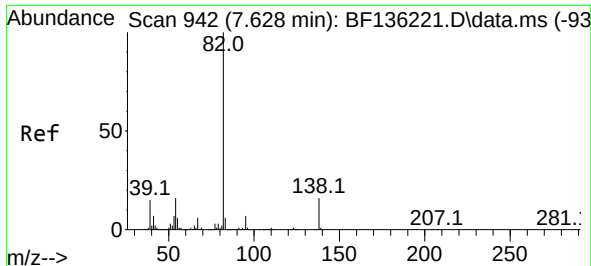
Ion Ratio Lower Upper

77 100

123 46.1 35.4 53.2

65 13.8 11.0 16.6

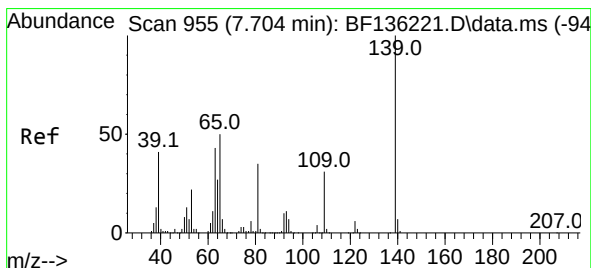
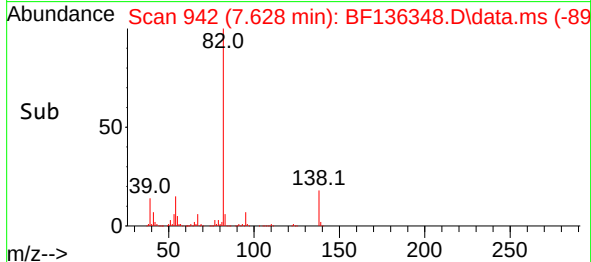
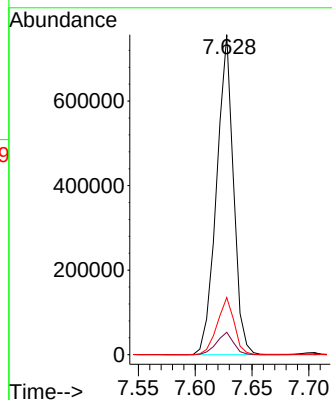
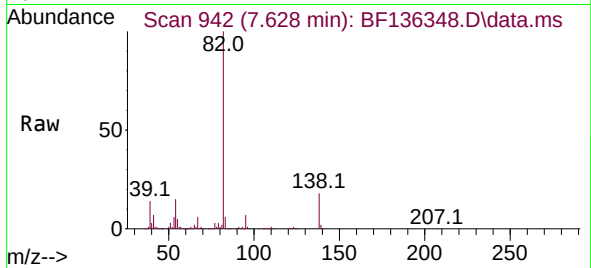




#25
Isophorone
Concen: 47.483 ng
RT: 7.628 min Scan# 942
Delta R.T. 0.000 min
Lab File: BF136348.D
Acq: 01 Dec 2023 20:41

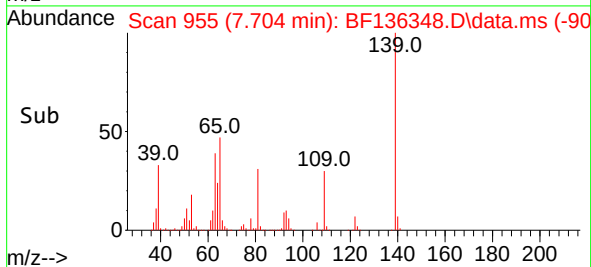
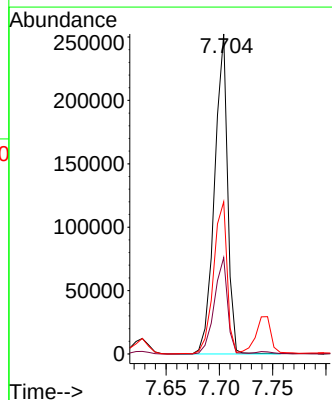
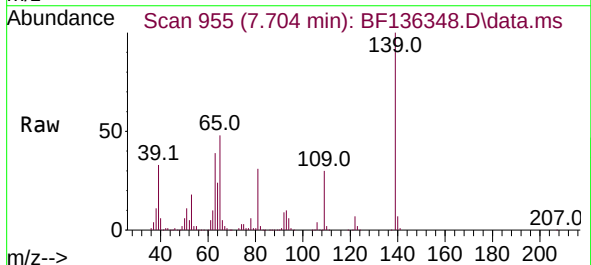
Instrument :
BNA_F
ClientSampleId :
WC-5MS

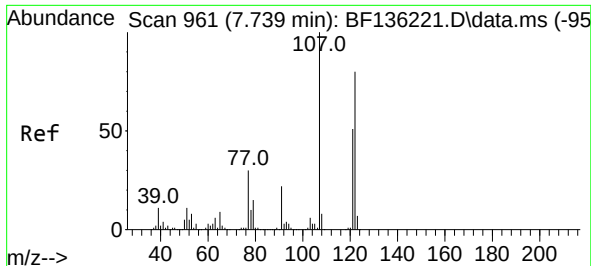
Tgt Ion: 82 Resp: 782925
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 17.8 12.8 19.2



#26
2-Nitrophenol
Concen: 54.298 ng
RT: 7.704 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF136348.D
Acq: 01 Dec 2023 20:41

Tgt Ion: 139 Resp: 214385
Ion Ratio Lower Upper
139 100
109 30.1 25.0 37.6
65 47.6 40.4 60.6





#27

2,4-Dimethylphenol

Concen: 60.864 ng

RT: 7.745 min Scan# 961

Delta R.T. 0.006 min

Lab File: BF136348.D

Acq: 01 Dec 2023 20:41

Instrument :

BNA_F

ClientSampleId :

WC-5MS

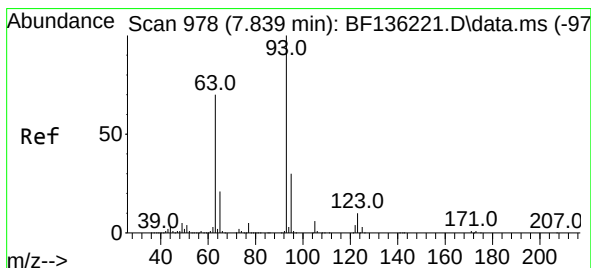
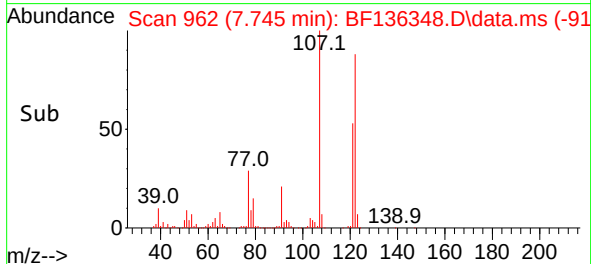
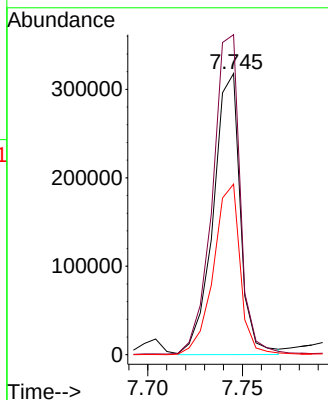
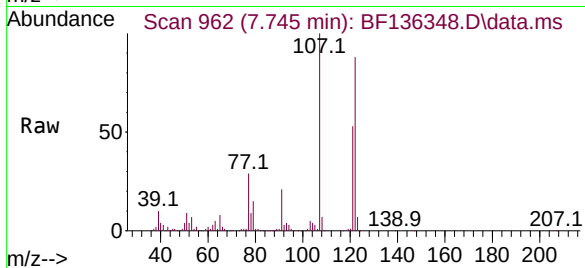
Tgt Ion:122 Resp: 316294

Ion Ratio Lower Upper

122 100

107 113.9 100.0 150.0

121 60.7 50.7 76.1



#28

bis(2-Chloroethoxy)methane

Concen: 48.693 ng

RT: 7.839 min Scan# 978

Delta R.T. 0.000 min

Lab File: BF136348.D

Acq: 01 Dec 2023 20:41

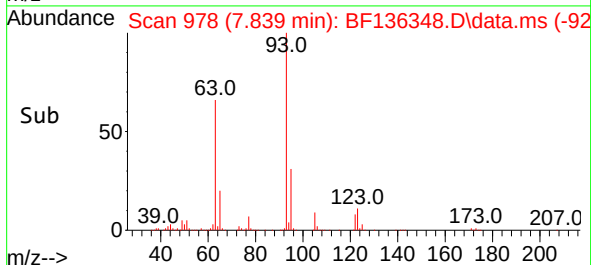
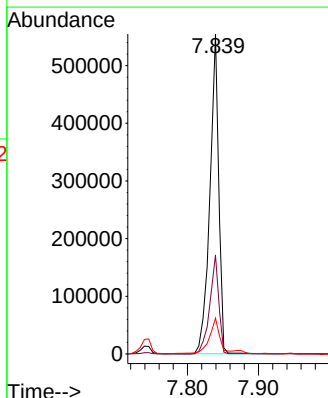
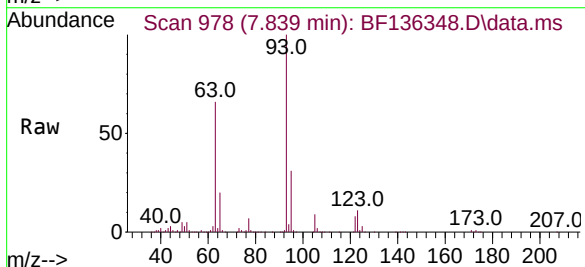
Tgt Ion: 93 Resp: 485635

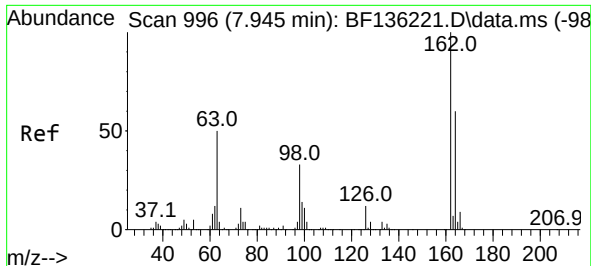
Ion Ratio Lower Upper

93 100

95 31.0 23.8 35.6

123 11.2 8.2 12.4





#29

2,4-Dichlorophenol

Concen: 49.835 ng

RT: 7.945 min Scan# 996

Delta R.T. 0.000 min

Lab File: BF136348.D

Acq: 01 Dec 2023 20:41

Instrument :

BNA_F

ClientSampleId :

WC-5MS

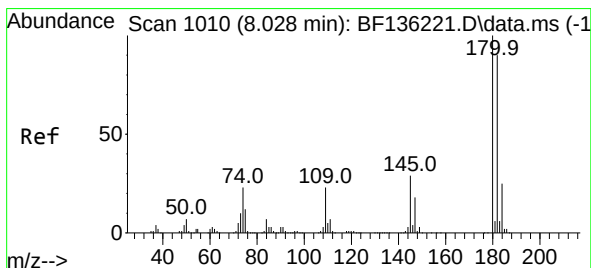
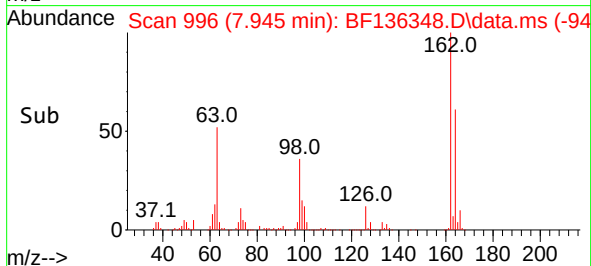
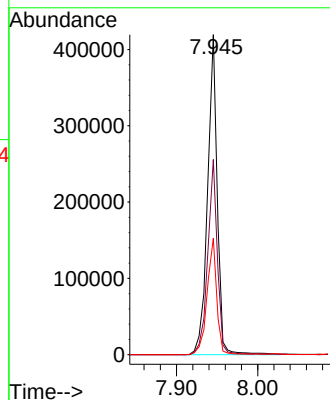
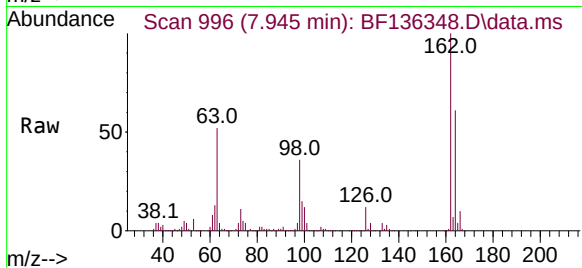
Tgt Ion:162 Resp: 349321

Ion Ratio Lower Upper

162 100

164 61.0 40.3 80.3

98 36.3 13.0 53.0



#30

1,2,4-Trichlorobenzene

Concen: 45.945 ng

RT: 8.028 min Scan# 1010

Delta R.T. 0.000 min

Lab File: BF136348.D

Acq: 01 Dec 2023 20:41

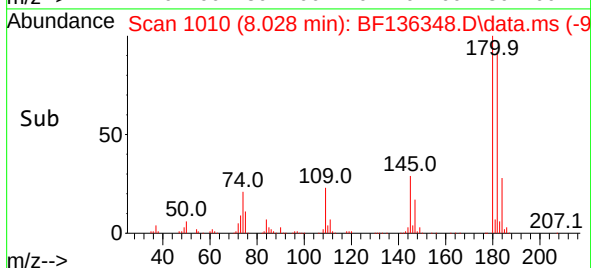
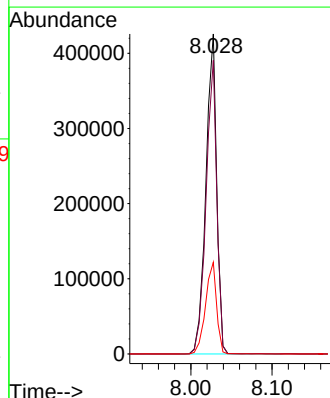
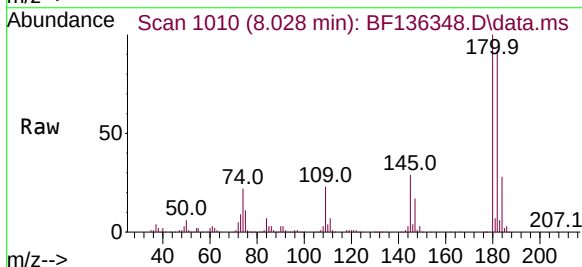
Tgt Ion:180 Resp: 394294

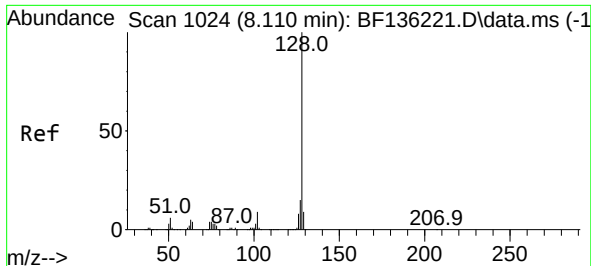
Ion Ratio Lower Upper

180 100

182 91.7 71.6 107.4

145 28.7 23.0 34.4

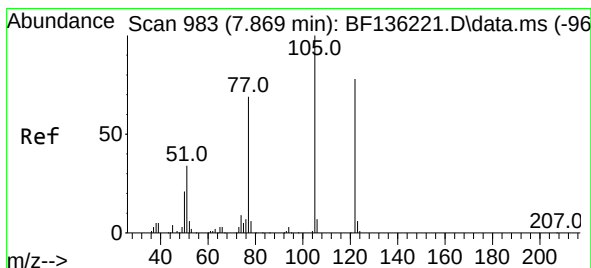
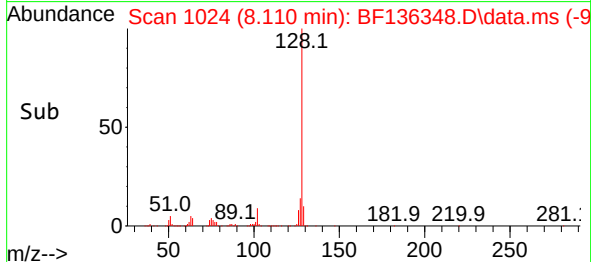
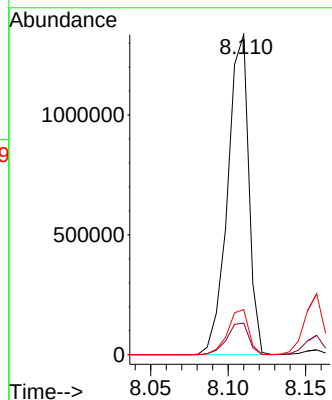
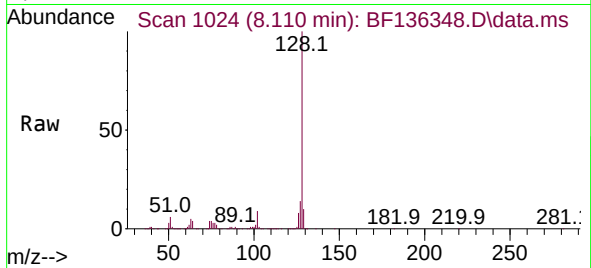




#31
Naphthalene
Concen: 46.577 ng
RT: 8.110 min Scan# 1024
Delta R.T. 0.000 min
Lab File: BF136348.D
Acq: 01 Dec 2023 20:41

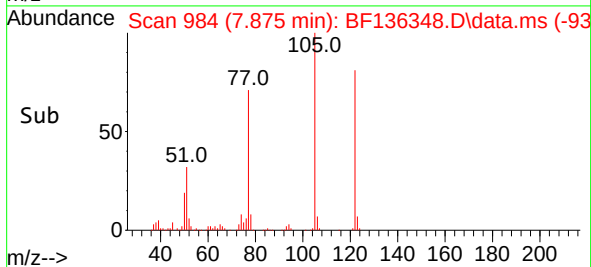
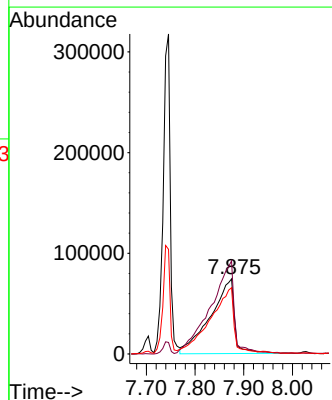
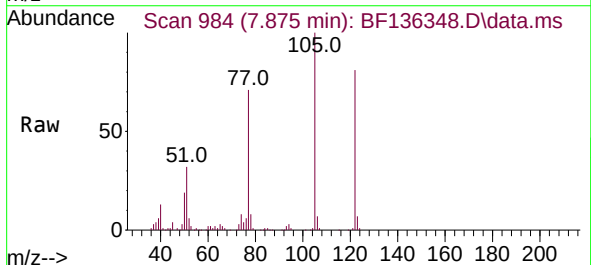
Instrument :
BNA_F
ClientSampleId :
WC-5MS

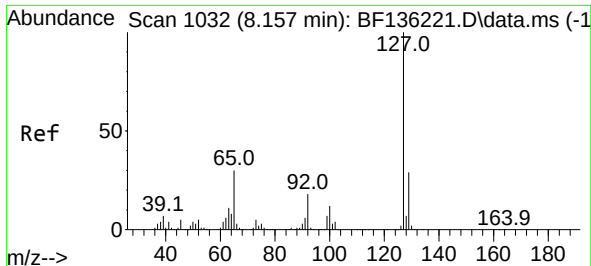
Tgt Ion:128 Resp: 1265045
Ion Ratio Lower Upper
128 100
129 9.9 7.3 10.9
127 14.1 11.8 17.6



#32
Benzoic acid
Concen: 53.698 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.006 min
Lab File: BF136348.D
Acq: 01 Dec 2023 20:41

Tgt Ion:122 Resp: 254325
Ion Ratio Lower Upper
122 100
105 124.2 103.7 143.7
77 88.2 66.8 106.8

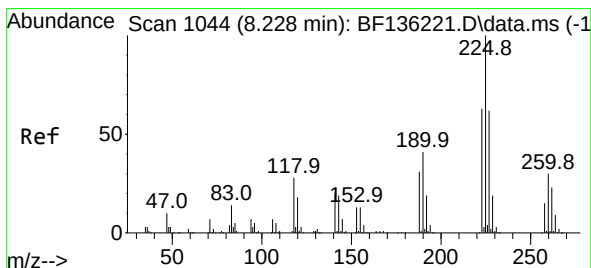
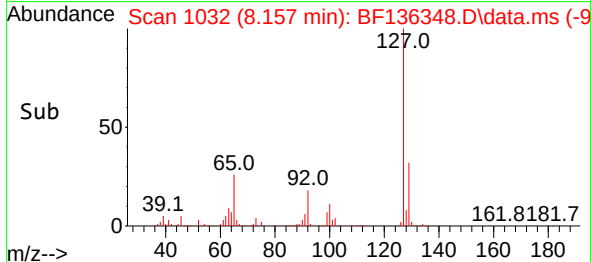
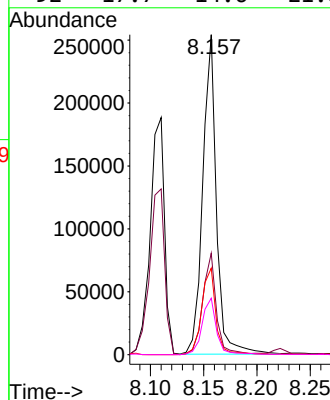
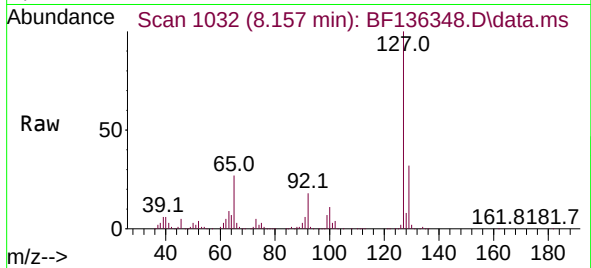




#33
4-Chloroaniline
Concen: 24.661 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF136348.D
Acq: 01 Dec 2023 20:41

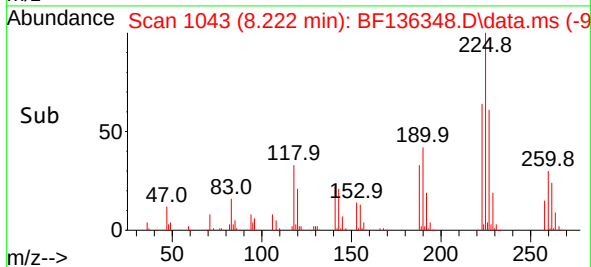
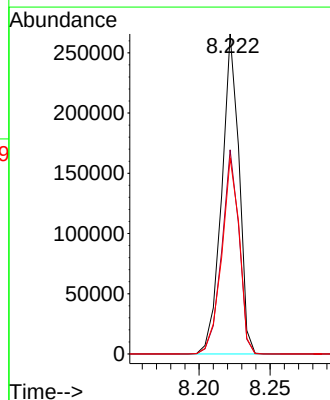
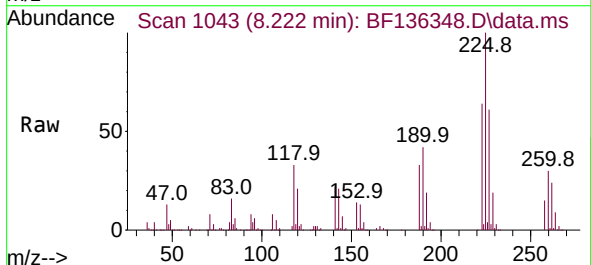
Instrument :
BNA_F
ClientSampleId :
WC-5MS

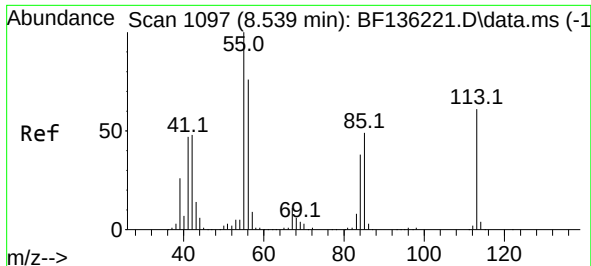
Tgt Ion:	127	Resp:	227673
Ion	Ratio	Lower	Upper
127	100		
129	31.7	23.4	35.2
65	27.1	23.8	35.6
92	17.7	14.6	21.8



#34
Hexachlorobutadiene
Concen: 44.709 ng
RT: 8.222 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF136348.D
Acq: 01 Dec 2023 20:41

Tgt Ion:	225	Resp:	224475
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.6	75.8
227	61.3	49.6	74.4

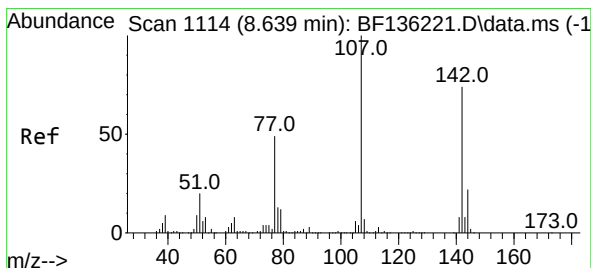
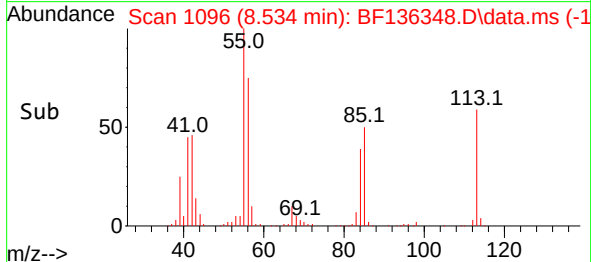
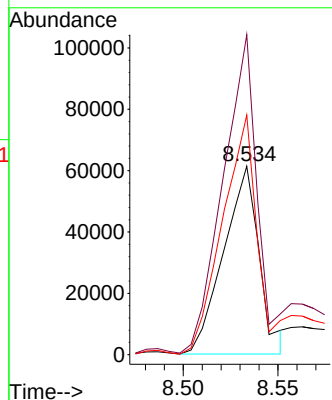
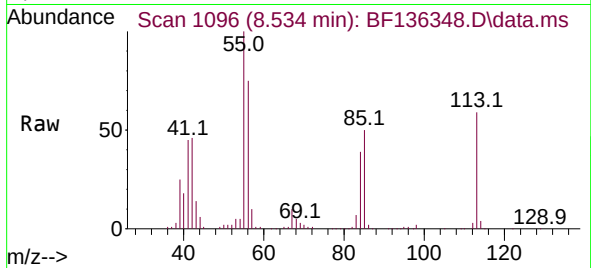




#35
 Caprolactam
 Concen: 40.596 ng
 RT: 8.534 min Scan# 1096
 Delta R.T. -0.006 min
 Lab File: BF136348.D
 Acq: 01 Dec 2023 20:41

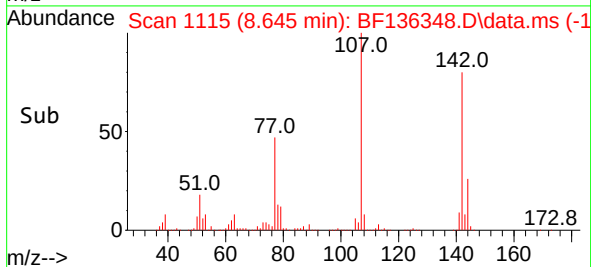
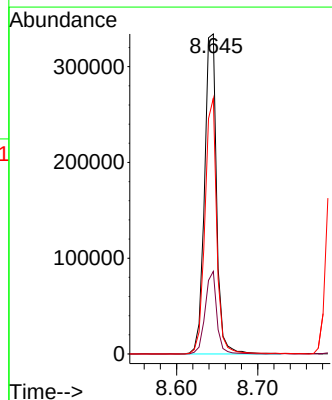
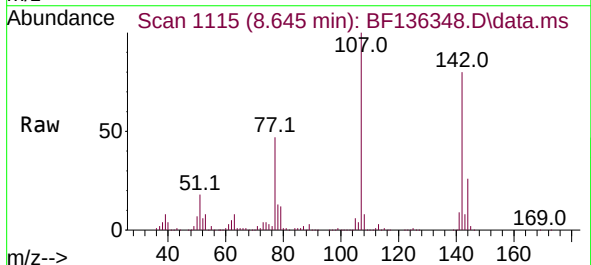
Instrument :
 BNA_F
 ClientSampleId :
 WC-5MS

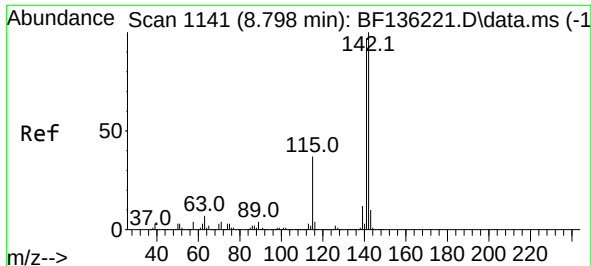
Tgt Ion:113 Resp: 79548
 Ion Ratio Lower Upper
 113 100
 55 169.8 143.1 183.1
 56 127.2 103.6 143.6



#36
 4-Chloro-3-methylphenol
 Concen: 45.468 ng
 RT: 8.645 min Scan# 1115
 Delta R.T. 0.006 min
 Lab File: BF136348.D
 Acq: 01 Dec 2023 20:41

Tgt Ion:107 Resp: 345664
 Ion Ratio Lower Upper
 107 100
 144 25.8 17.8 26.8
 142 79.9 59.4 89.0

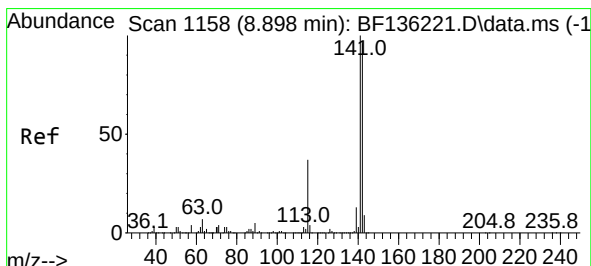
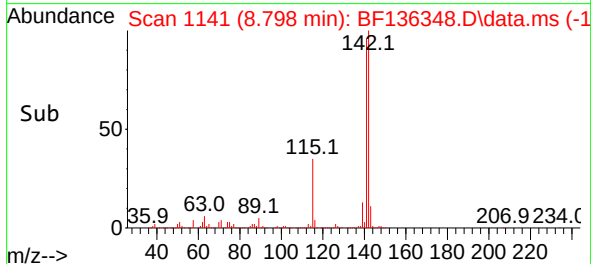
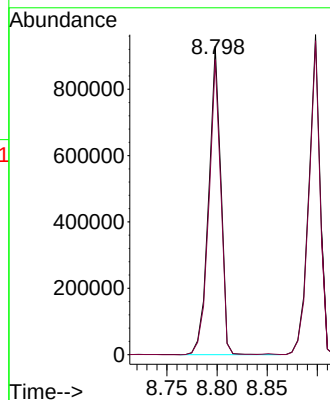
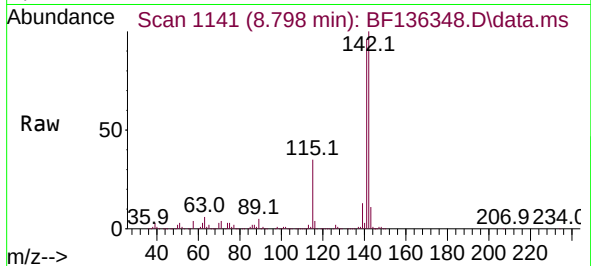




#37
2-Methylnaphthalene
Concen: 46.047 ng
RT: 8.798 min Scan# 1141
Delta R.T. 0.000 min
Lab File: BF136348.D
Acq: 01 Dec 2023 20:41

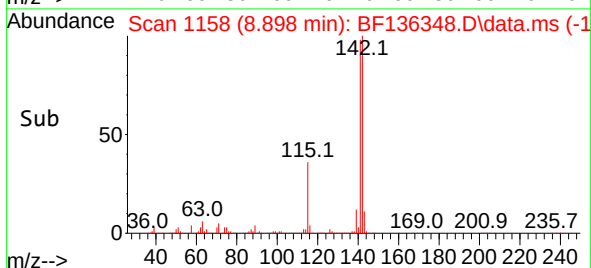
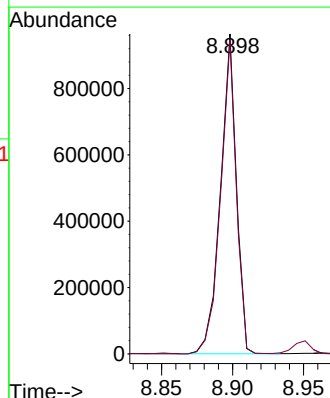
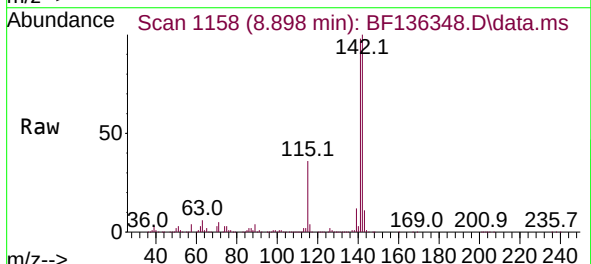
Instrument :
BNA_F
ClientSampleId :
WC-5MS

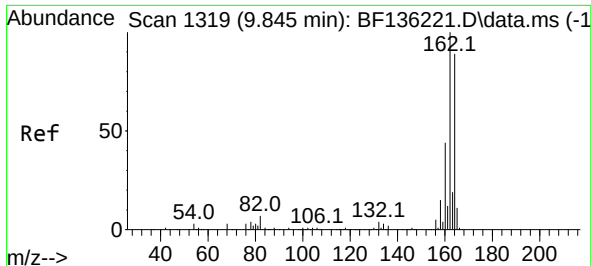
Tgt Ion:142 Resp: 784518
Ion Ratio Lower Upper
142 100
141 95.6 77.8 116.8



#38
1-Methylnaphthalene
Concen: 45.280 ng
RT: 8.898 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BF136348.D
Acq: 01 Dec 2023 20:41

Tgt Ion:142 Resp: 752560
Ion Ratio Lower Upper
142 100
141 98.1 83.8 125.6

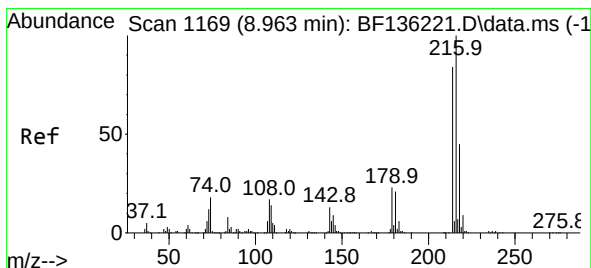
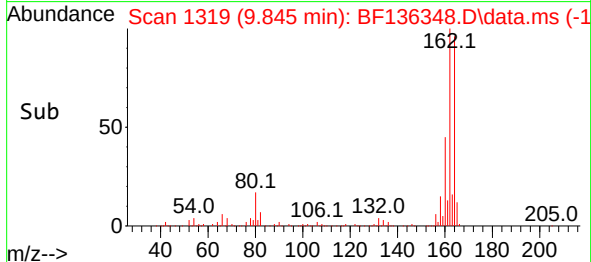
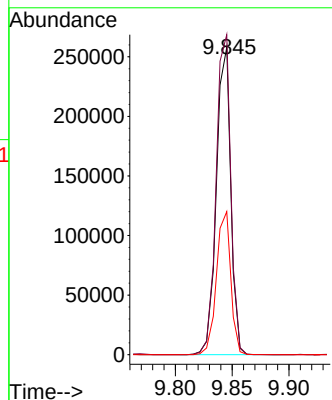
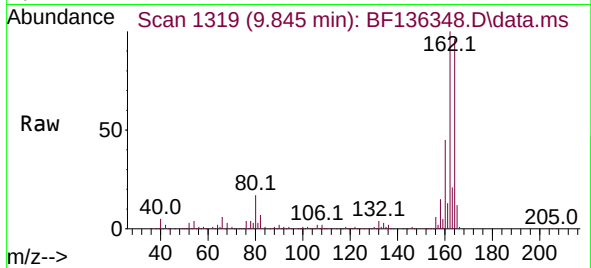




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF136348.D
Acq: 01 Dec 2023 20:41

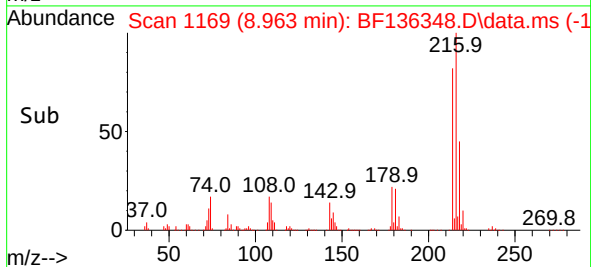
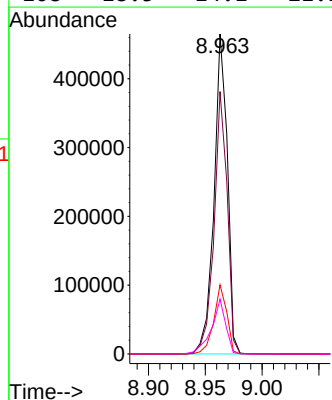
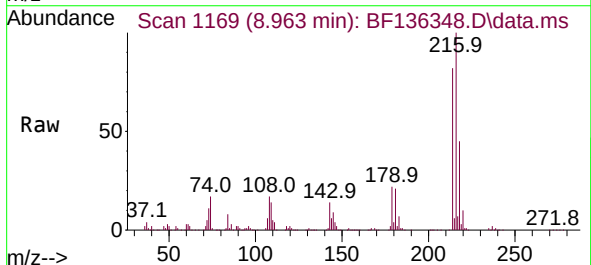
Instrument :
BNA_F
ClientSampleId :
WC-5MS

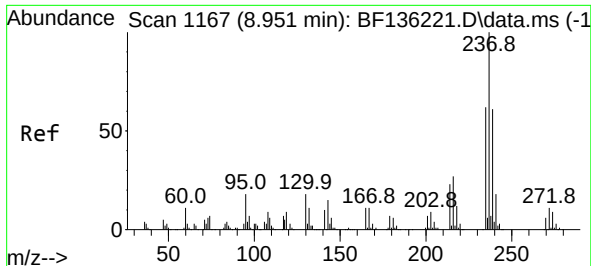
Tgt Ion:164 Resp: 227252
Ion Ratio Lower Upper
164 100
162 104.1 89.5 134.3
160 46.5 39.6 59.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.415 ng
RT: 8.963 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF136348.D
Acq: 01 Dec 2023 20:41

Tgt Ion:216 Resp: 379083
Ion Ratio Lower Upper
216 100
214 80.7 65.8 98.8
179 21.2 17.4 26.0
108 18.5 14.1 21.1

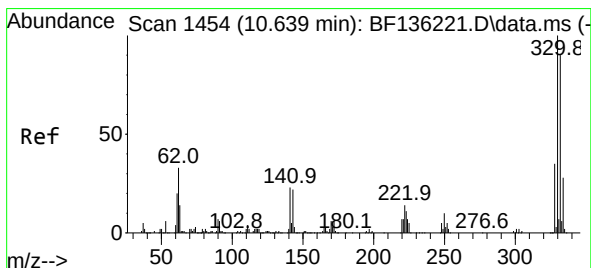
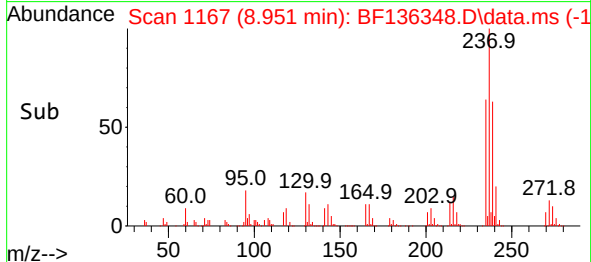
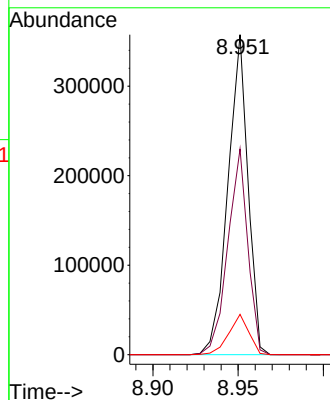
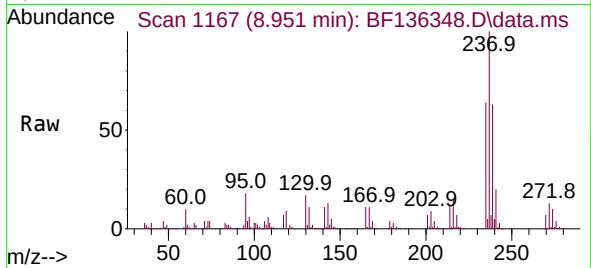




#41
Hexachlorocyclopentadiene
Concen: 105.173 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF136348.D
Acq: 01 Dec 2023 20:41

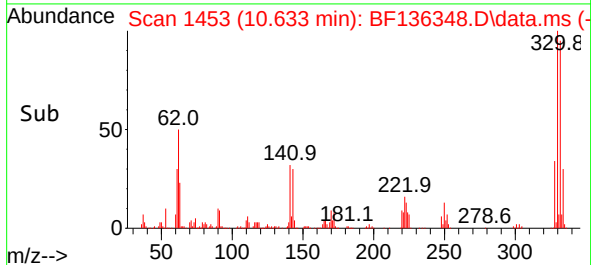
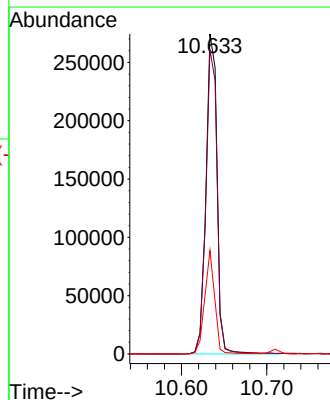
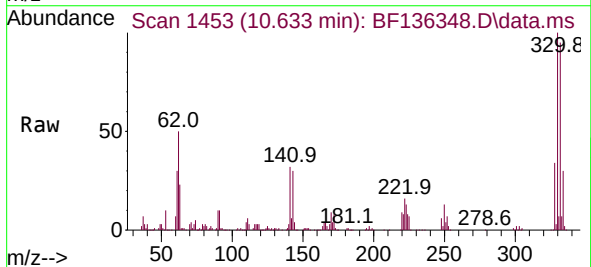
Instrument :
BNA_F
ClientSampleId :
WC-5MS

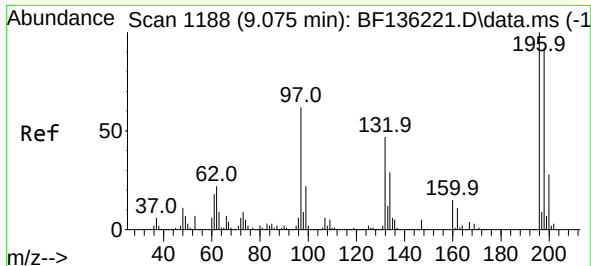
Tgt Ion:237 Resp: 292683
Ion Ratio Lower Upper
237 100
235 64.3 42.1 82.1
272 12.6 0.0 31.0



#42
2,4,6-Tribromophenol
Concen: 89.158 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BF136348.D
Acq: 01 Dec 2023 20:41

Tgt Ion:330 Resp: 247712
Ion Ratio Lower Upper
330 100
332 95.7 73.0 109.6
141 29.3 24.2 36.2

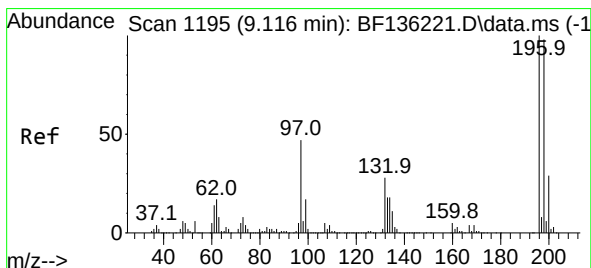
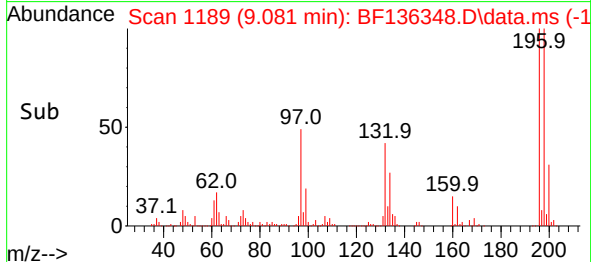
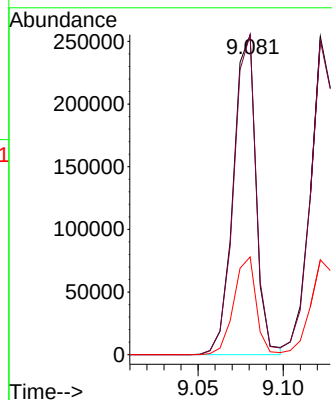
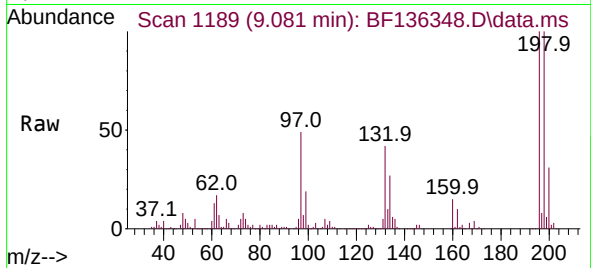




#43
2,4,6-Trichlorophenol
Concen: 50.294 ng
RT: 9.081 min Scan# 1188
Delta R.T. 0.006 min
Lab File: BF136348.D
Acq: 01 Dec 2023 20:41

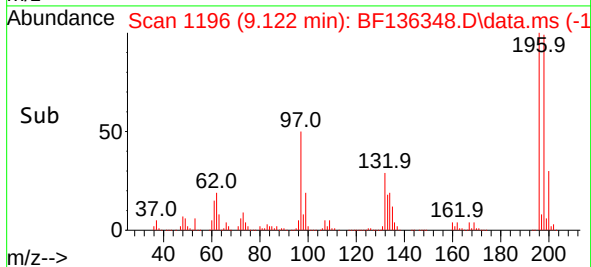
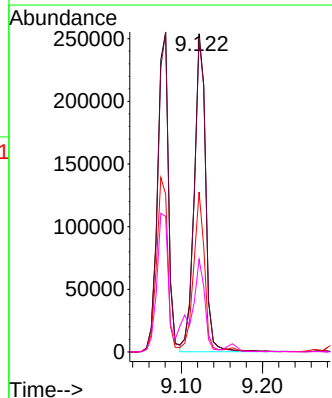
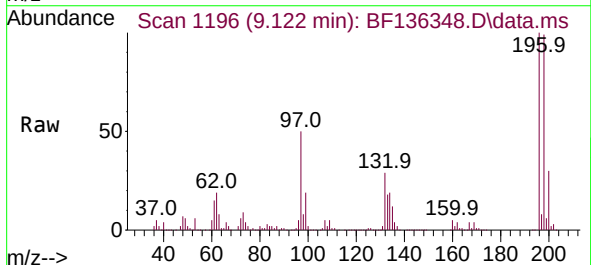
Instrument :
BNA_F
ClientSampleId :
WC-5MS

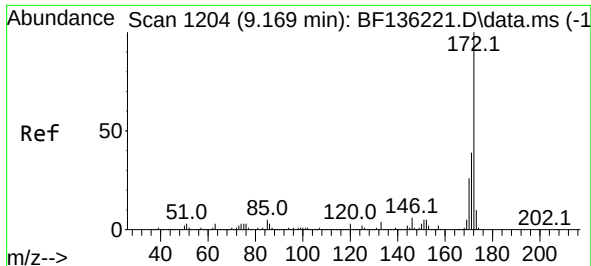
Tgt Ion:196 Resp: 236094
Ion Ratio Lower Upper
196 100
198 100.1 73.2 109.8
200 30.6 22.4 33.6



#44
2,4,5-Trichlorophenol
Concen: 48.483 ng
RT: 9.122 min Scan# 1196
Delta R.T. 0.006 min
Lab File: BF136348.D
Acq: 01 Dec 2023 20:41

Tgt Ion:196 Resp: 248372
Ion Ratio Lower Upper
196 100
198 98.7 78.8 118.2
97 50.3 37.8 56.8
132 29.1 22.4 33.6





#45

2-Fluorobiphenyl

Concen: 68.656 ng

RT: 9.163 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136348.D

Acq: 01 Dec 2023 20:41

Instrument :

BNA_F

ClientSampleId :

WC-5MS

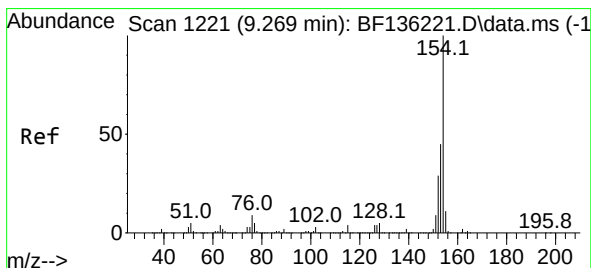
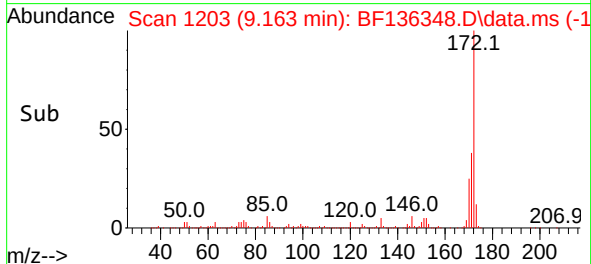
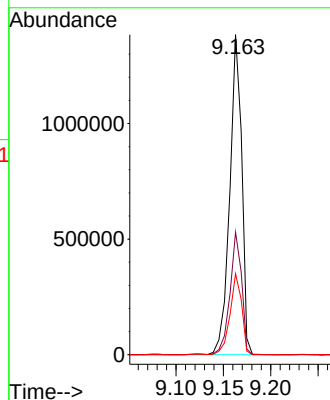
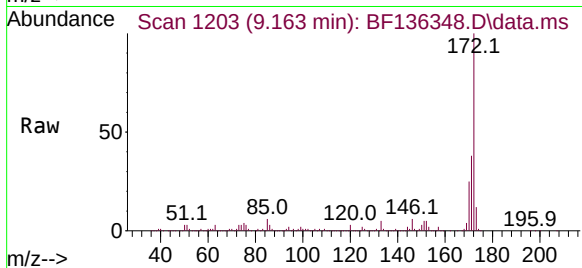
Tgt Ion:172 Resp: 1221493

Ion Ratio Lower Upper

172 100

171 38.3 31.5 47.3

170 25.3 20.8 31.2



#46

1,1'-Biphenyl

Concen: 50.975 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF136348.D

Acq: 01 Dec 2023 20:41

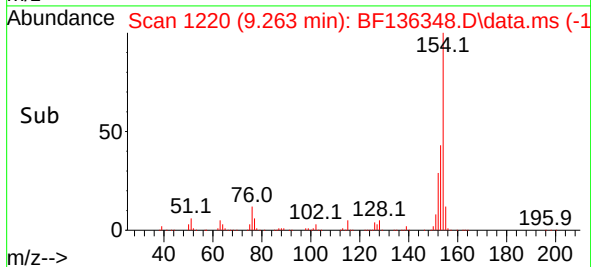
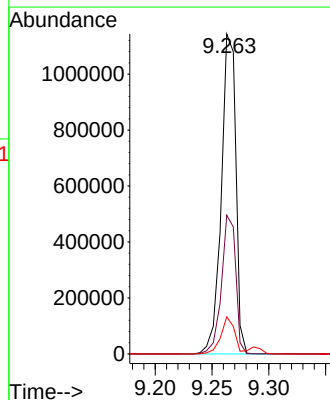
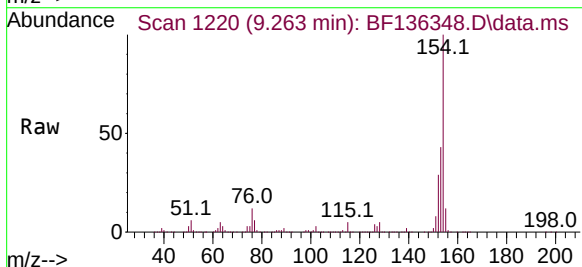
Tgt Ion:154 Resp: 1021548

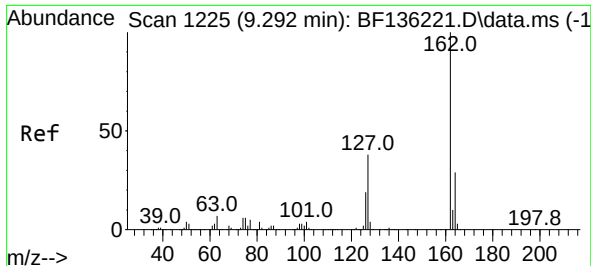
Ion Ratio Lower Upper

154 100

153 43.4 24.6 64.6

76 11.6 0.0 29.4





#47

2-Chloronaphthalene

Concen: 49.089 ng

RT: 9.286 min Scan# 1224

Delta R.T. -0.006 min

Lab File: BF136348.D

Acq: 01 Dec 2023 20:41

Instrument :

BNA_F

ClientSampleId :

WC-5MS

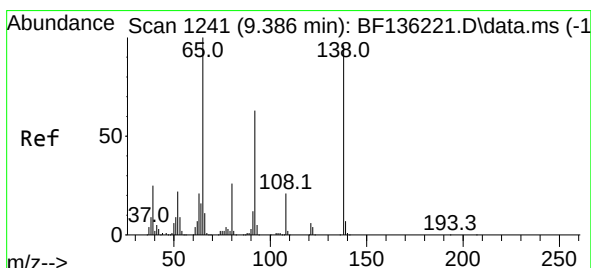
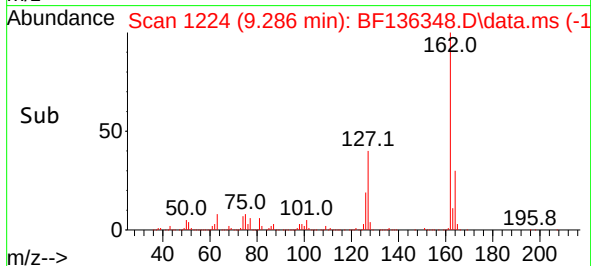
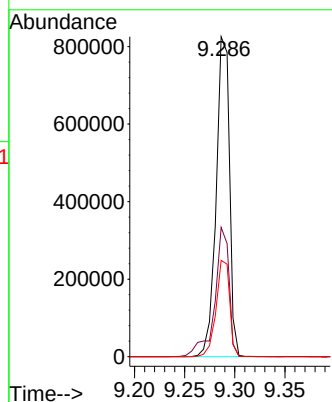
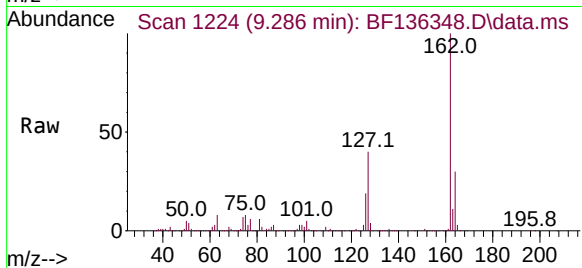
Tgt Ion:162 Resp: 763972

Ion Ratio Lower Upper

162 100

127 40.4 30.2 45.2

164 30.1 22.8 34.2



#48

2-Nitroaniline

Concen: 48.032 ng

RT: 9.386 min Scan# 1241

Delta R.T. 0.000 min

Lab File: BF136348.D

Acq: 01 Dec 2023 20:41

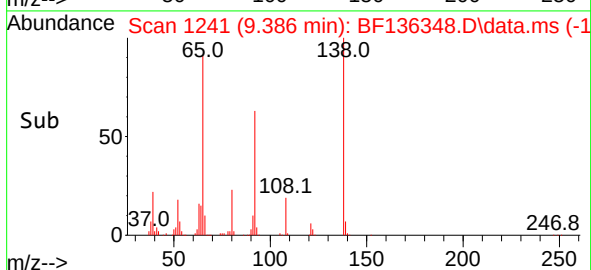
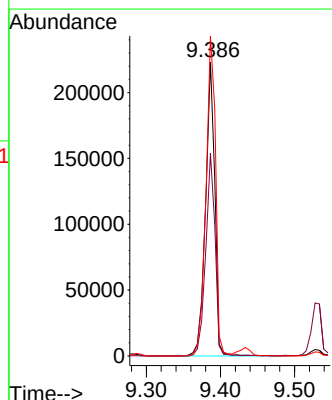
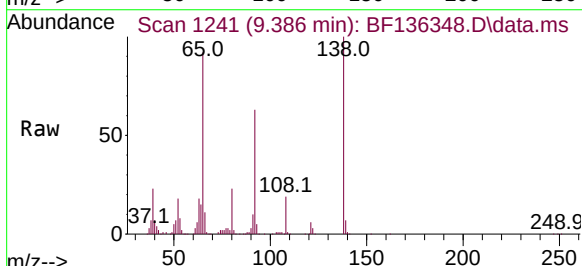
Tgt Ion: 65 Resp: 195164

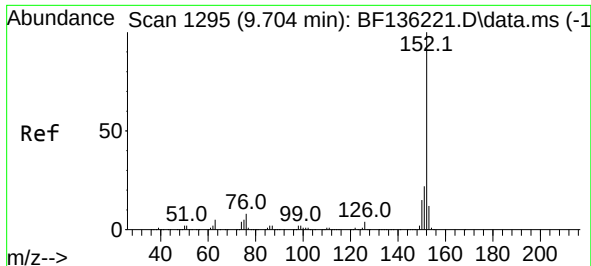
Ion Ratio Lower Upper

65 100

92 68.9 50.6 75.8

138 108.9 76.7 115.1





#49

Acenaphthylene

Concen: 53.401 ng

RT: 9.704 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136348.D

Acq: 01 Dec 2023 20:41

Instrument :

BNA_F

ClientSampleId :

WC-5MS

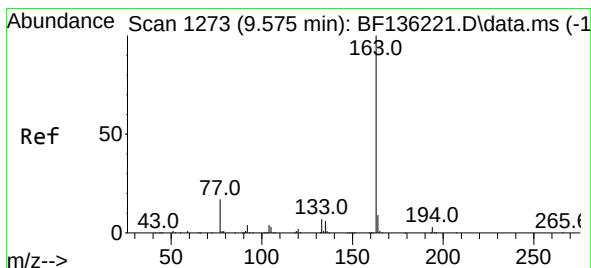
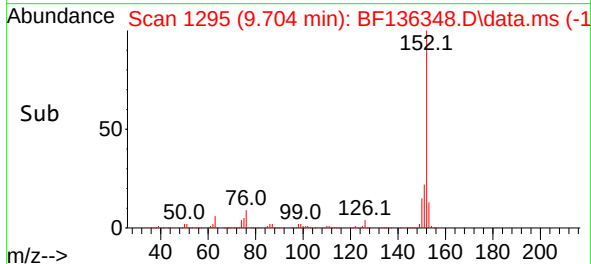
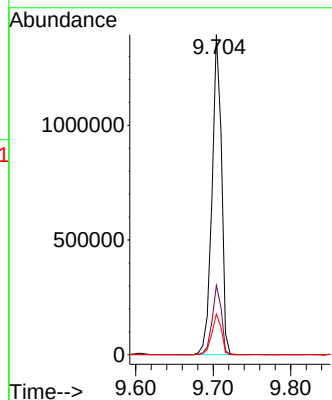
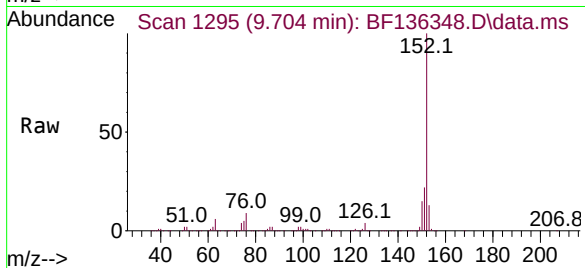
Tgt Ion:152 Resp: 1186001

Ion Ratio Lower Upper

152 100

151 21.7 17.5 26.3

153 12.7 9.6 14.4



#50

Dimethylphthalate

Concen: 49.181 ng

RT: 9.569 min Scan# 1272

Delta R.T. -0.006 min

Lab File: BF136348.D

Acq: 01 Dec 2023 20:41

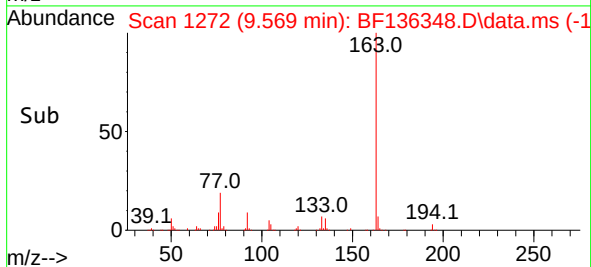
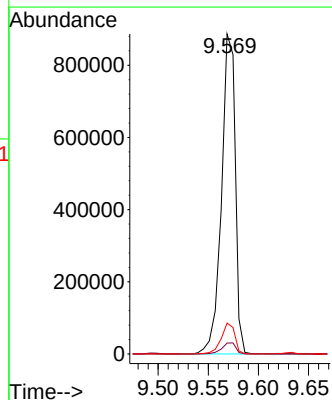
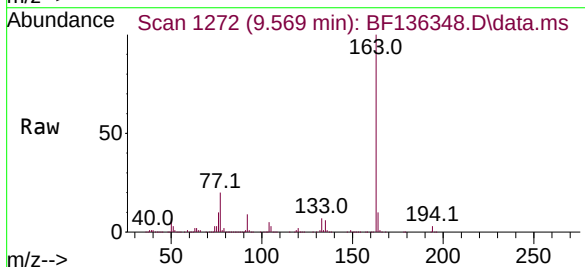
Tgt Ion:163 Resp: 844741

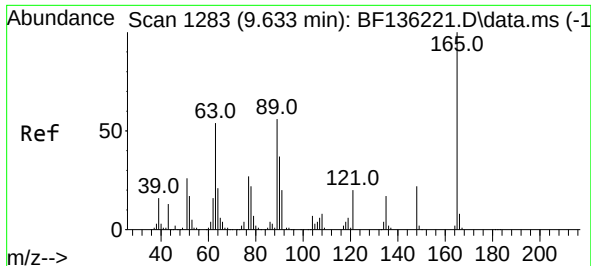
Ion Ratio Lower Upper

163 100

194 3.4 2.5 3.7

164 9.7 7.0 10.6

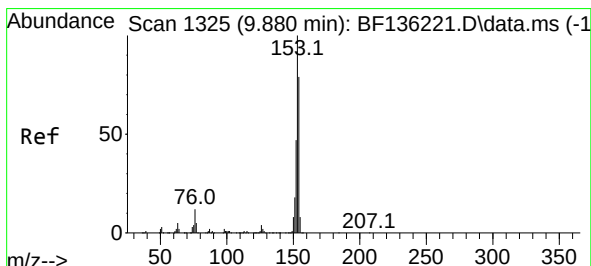
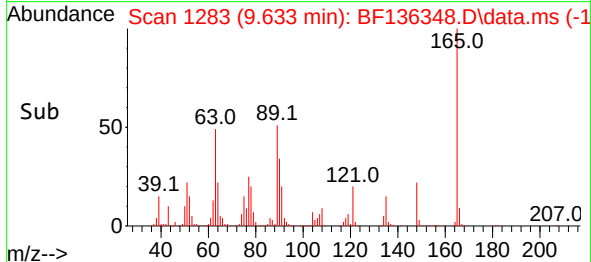
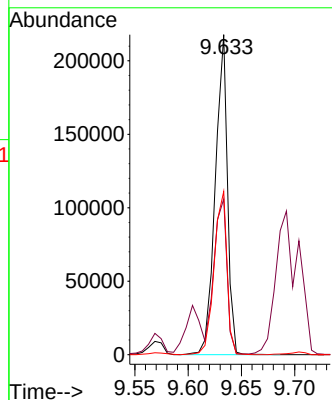
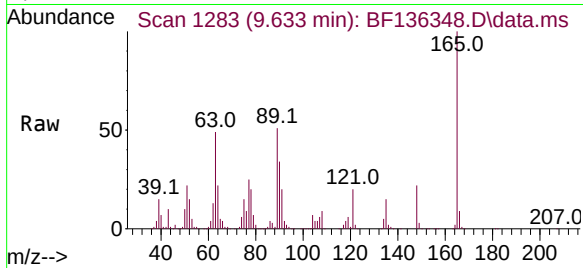




#51
2,6-Dinitrotoluene
Concen: 49.257 ng
RT: 9.633 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BF136348.D
Acq: 01 Dec 2023 20:41

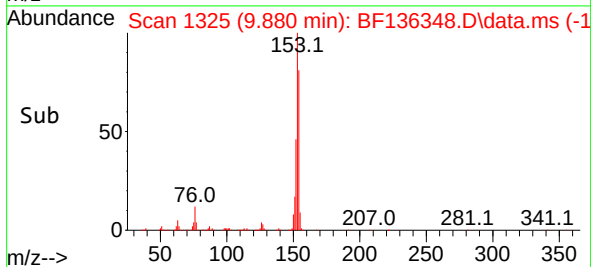
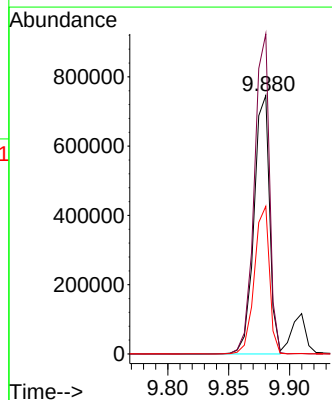
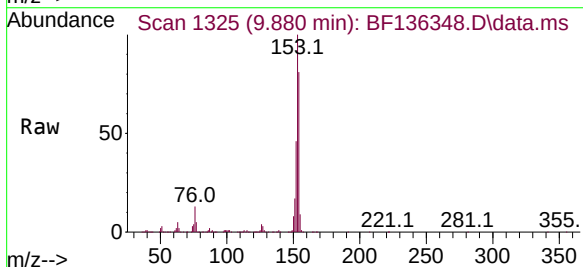
Instrument :
BNA_F
ClientSampleId :
WC-5MS

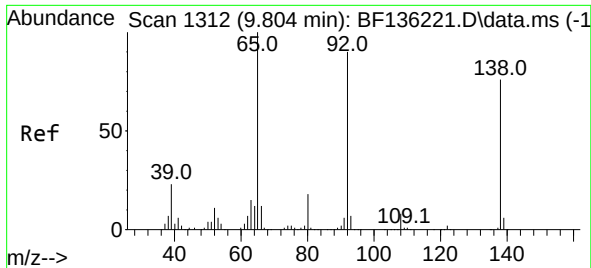
Tgt Ion:165 Resp: 172841
Ion Ratio Lower Upper
165 100
63 48.6 46.2 69.2
89 51.0 44.9 67.3



#52
Acenaphthene
Concen: 47.599 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF136348.D
Acq: 01 Dec 2023 20:41

Tgt Ion:154 Resp: 668061
Ion Ratio Lower Upper
154 100
153 123.8 100.8 151.2
152 57.2 47.0 70.6

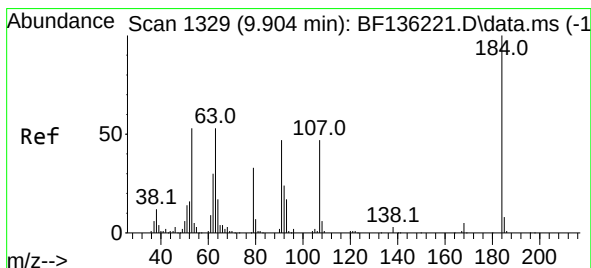
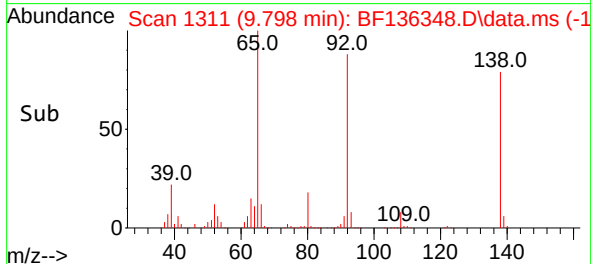
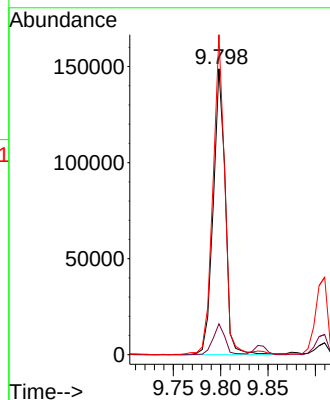
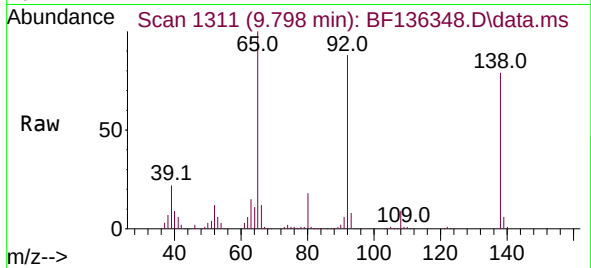




#53
3-Nitroaniline
Concen: 37.591 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136348.D
Acq: 01 Dec 2023 20:41

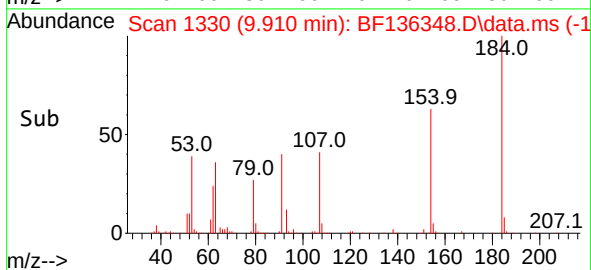
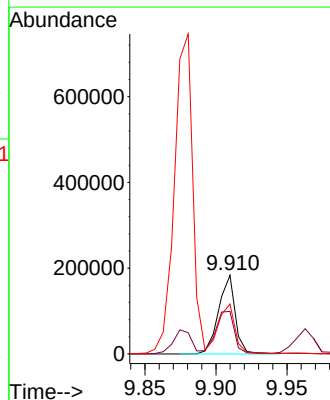
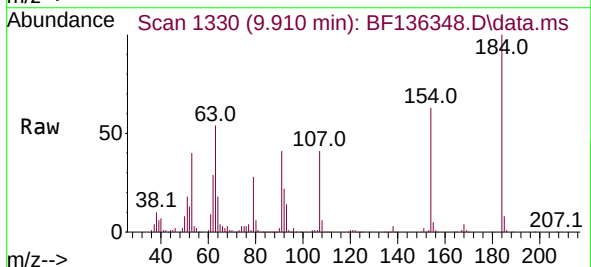
Instrument :
BNA_F
ClientSampleId :
WC-5MS

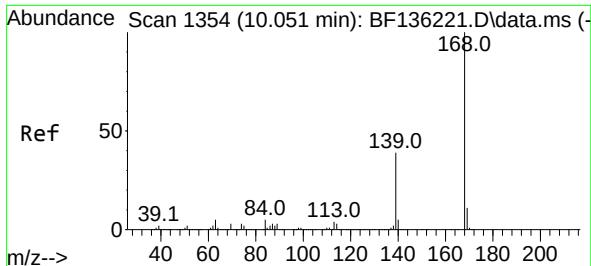
Tgt Ion:138 Resp: 130880
Ion Ratio Lower Upper
138 100
108 10.8 8.7 13.1
92 111.9 94.2 141.4



#54
2,4-Dinitrophenol
Concen: 92.422 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF136348.D
Acq: 01 Dec 2023 20:41

Tgt Ion:184 Resp: 150829
Ion Ratio Lower Upper
184 100
63 54.0 55.0 82.4#
154 63.4 54.9 82.3

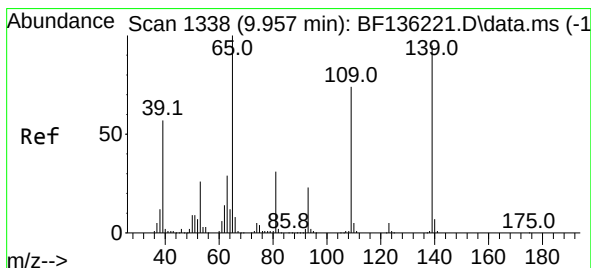
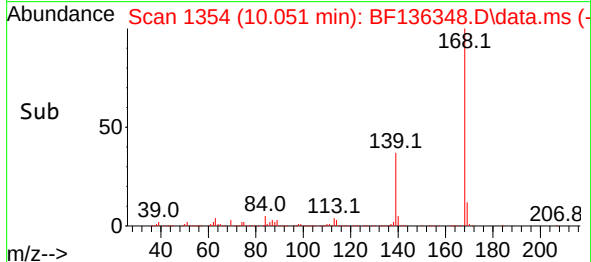
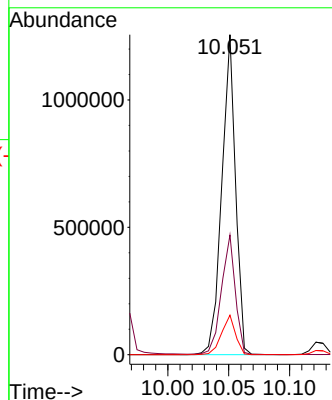
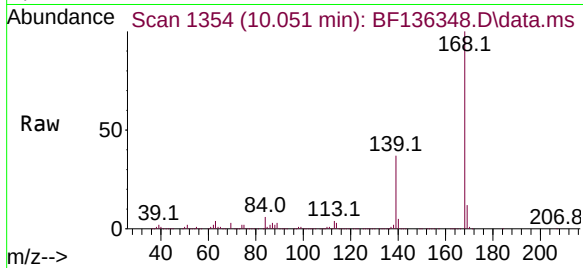




#55
Dibenzofuran
Concen: 47.420 ng
RT: 10.051 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BF136348.D
Acq: 01 Dec 2023 20:41

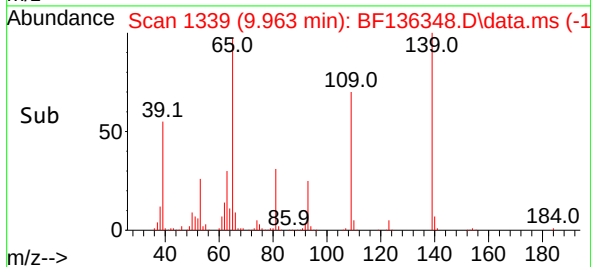
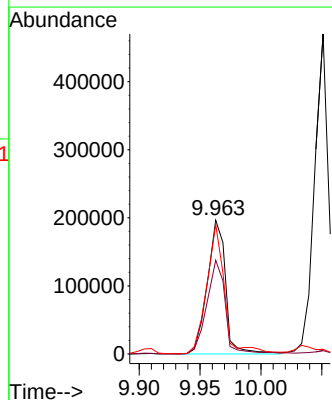
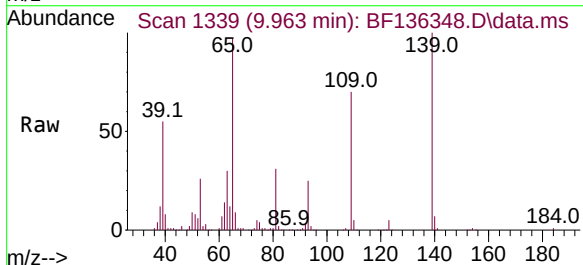
Instrument :
BNA_F
ClientSampleId :
WC-5MS

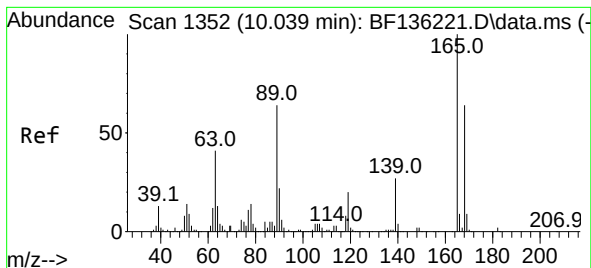
Tgt Ion:168 Resp: 990353
Ion Ratio Lower Upper
168 100
139 37.4 30.9 46.3
169 12.3 9.1 13.7



#56
4-Nitrophenol
Concen: 77.796 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF136348.D
Acq: 01 Dec 2023 20:41

Tgt Ion:139 Resp: 205720
Ion Ratio Lower Upper
139 100
109 70.2 57.8 97.8
65 96.9 86.0 126.0

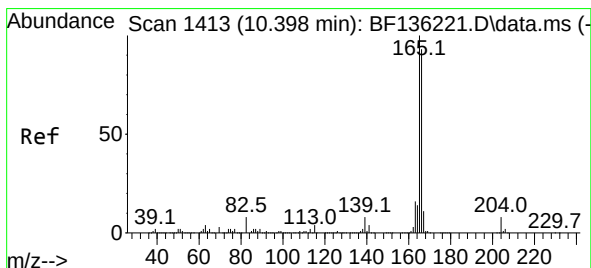
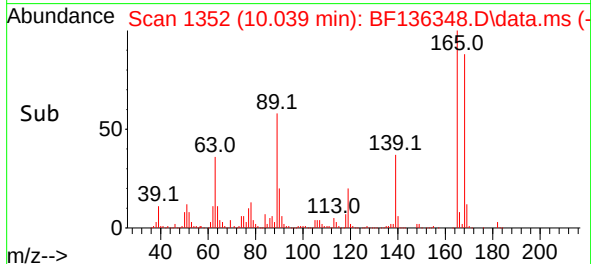
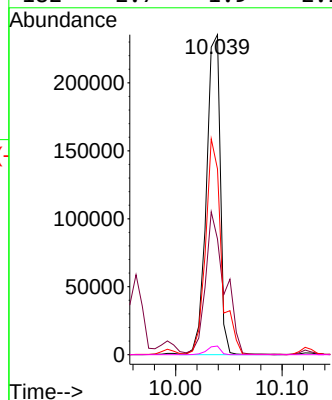
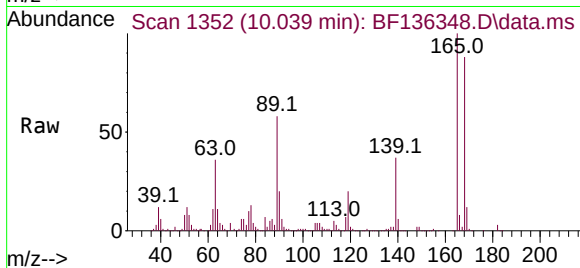




#57
2,4-Dinitrotoluene
Concen: 45.518 ng
RT: 10.039 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136348.D
Acq: 01 Dec 2023 20:41

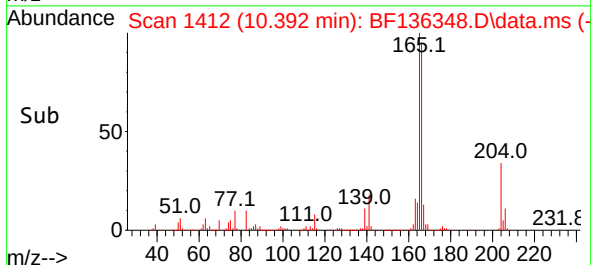
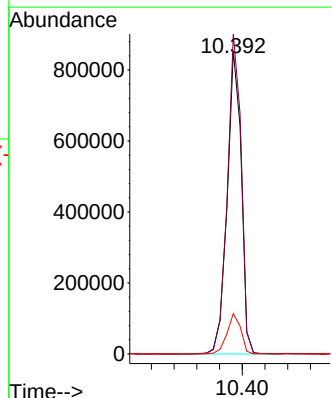
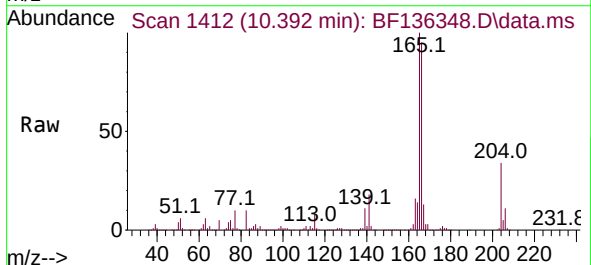
Instrument :
BNA_F
ClientSampleId :
WC-5MS

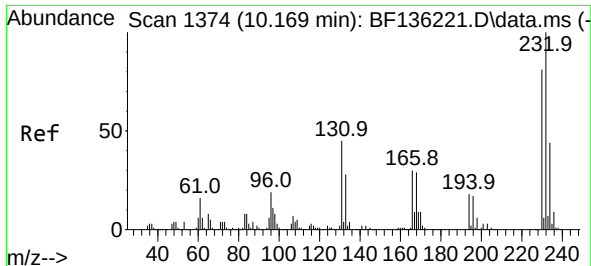
Tgt Ion:165 Resp: 213350
Ion Ratio Lower Upper
165 100
63 36.2 33.0 49.4
89 58.0 51.5 77.3
182 2.7 1.9 2.9



#58
Fluorene
Concen: 44.880 ng
RT: 10.392 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF136348.D
Acq: 01 Dec 2023 20:41

Tgt Ion:166 Resp: 735222
Ion Ratio Lower Upper
166 100
165 105.7 86.2 129.4
167 13.3 9.1 13.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 44.087 ng

RT: 10.169 min Scan# 1374

Delta R.T. 0.000 min

Lab File: BF136348.D

Acq: 01 Dec 2023 20:41

Instrument :

BNA_F

ClientSampleId :

WC-5MS

Tgt Ion:232 Resp: 179697

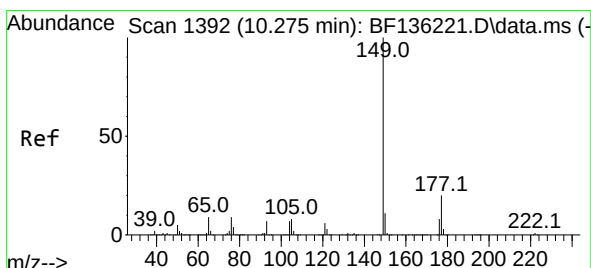
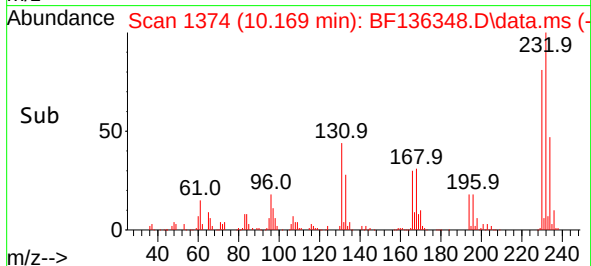
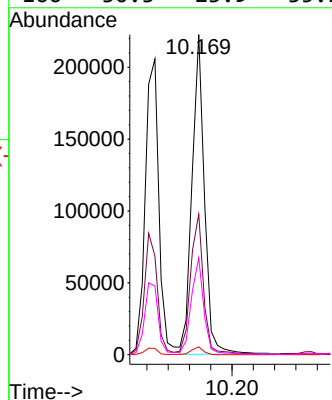
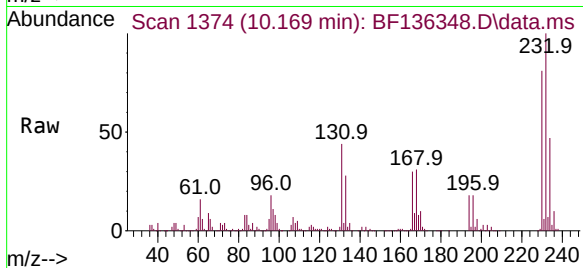
Ion Ratio Lower Upper

232 100

131 46.9 36.4 54.6

130 2.3 1.9 2.9

166 30.3 23.9 35.9



#60

Diethylphthalate

Concen: 45.135 ng

RT: 10.275 min Scan# 1392

Delta R.T. 0.000 min

Lab File: BF136348.D

Acq: 01 Dec 2023 20:41

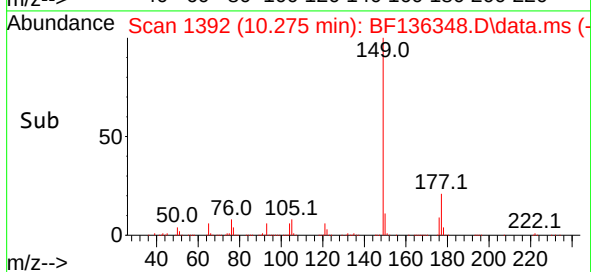
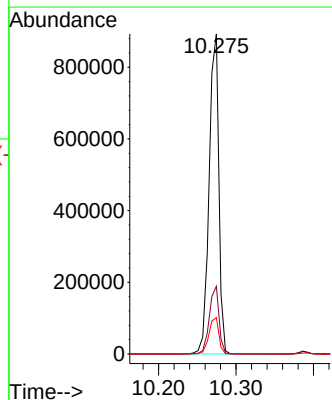
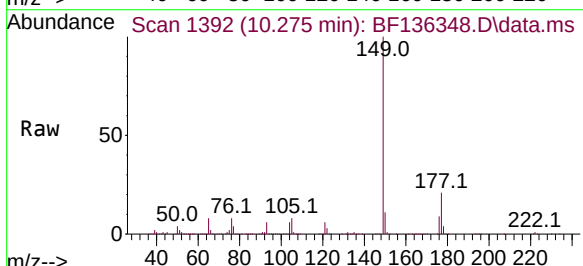
Tgt Ion:149 Resp: 775492

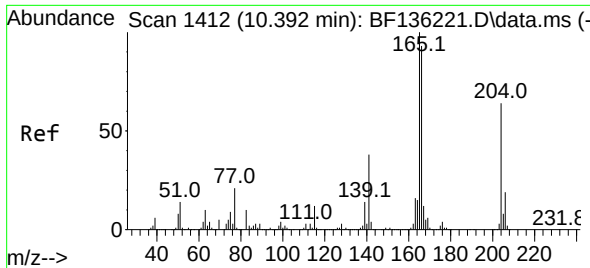
Ion Ratio Lower Upper

149 100

177 21.2 15.8 23.6

150 11.4 8.8 13.2

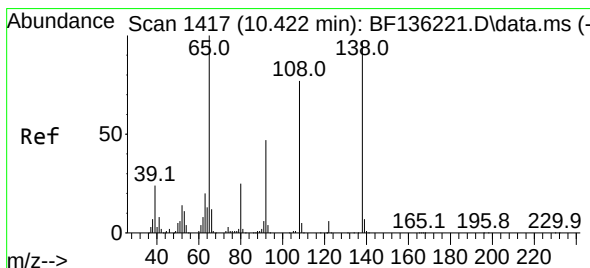
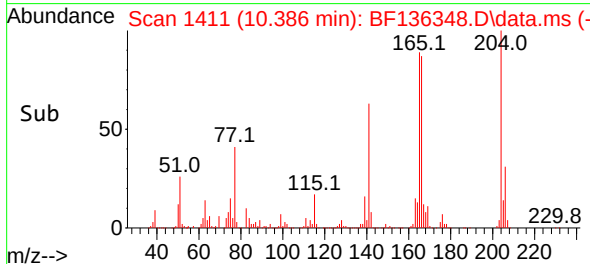
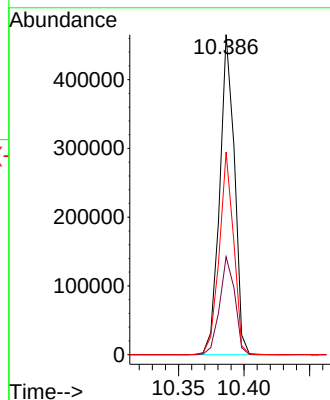
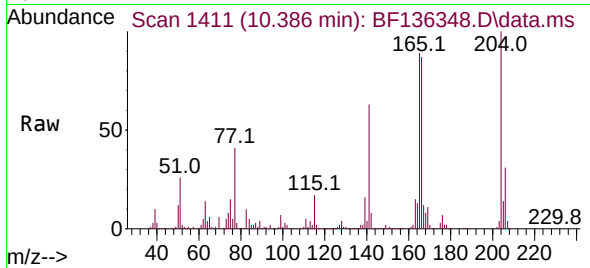




#61
4-Chlorophenyl-phenylether
Concen: 45.561 ng
RT: 10.386 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF136348.D
Acq: 01 Dec 2023 20:41

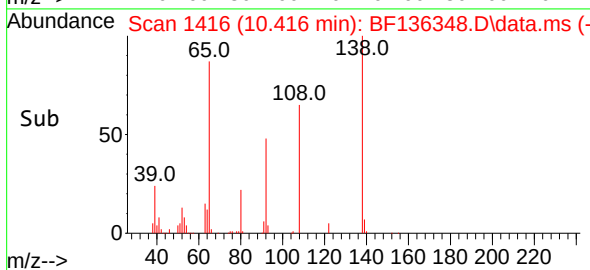
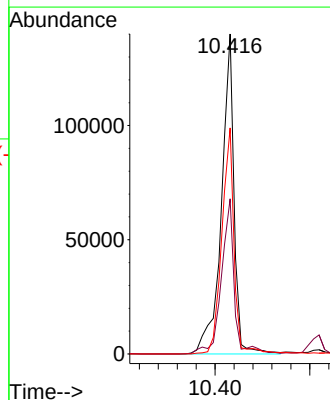
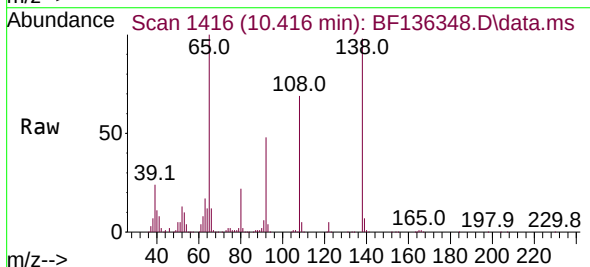
Instrument :
BNA_F
ClientSampleId :
WC-5MS

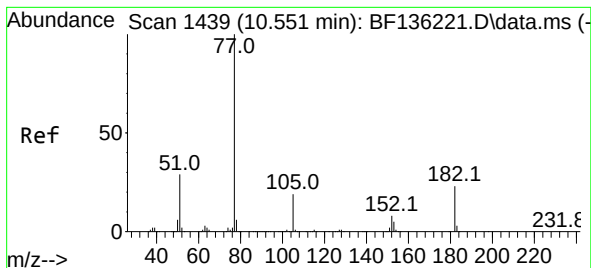
Tgt Ion:204 Resp: 362466
Ion Ratio Lower Upper
204 100
206 30.6 23.4 35.0
141 63.3 47.6 71.4



#62
4-Nitroaniline
Concen: 38.232 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF136348.D
Acq: 01 Dec 2023 20:41

Tgt Ion:138 Resp: 130298
Ion Ratio Lower Upper
138 100
92 48.5 28.5 68.5
108 70.7 59.8 99.8





#63

Azobenzene

Concen: 43.515 ng

RT: 10.551 min Scan# 1439

Delta R.T. 0.000 min

Lab File: BF136348.D

Acq: 01 Dec 2023 20:41

Instrument :

BNA_F

ClientSampleId :

WC-5MS

Tgt Ion: 77 Resp: 693130

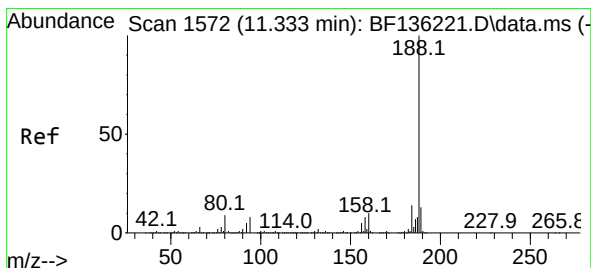
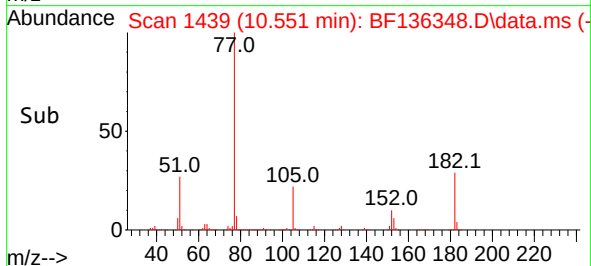
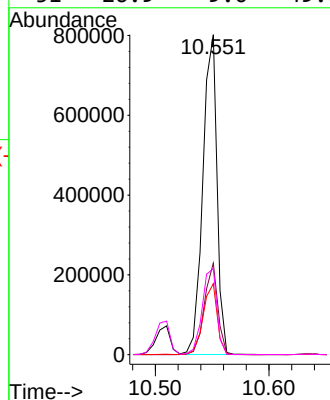
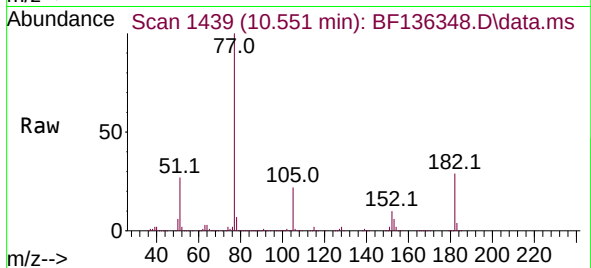
Ion Ratio Lower Upper

77 100

182 28.6 3.3 43.3

105 22.2 0.0 39.5

51 26.9 9.0 49.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.333 min Scan# 1572

Delta R.T. 0.000 min

Lab File: BF136348.D

Acq: 01 Dec 2023 20:41

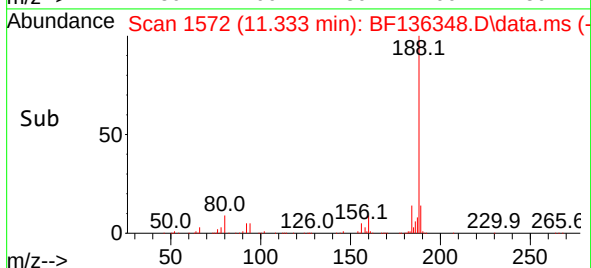
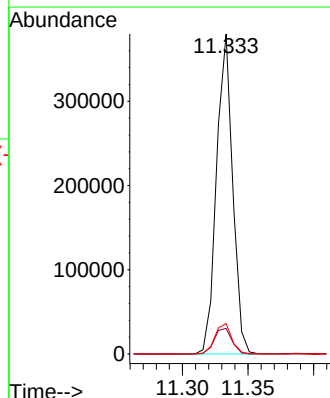
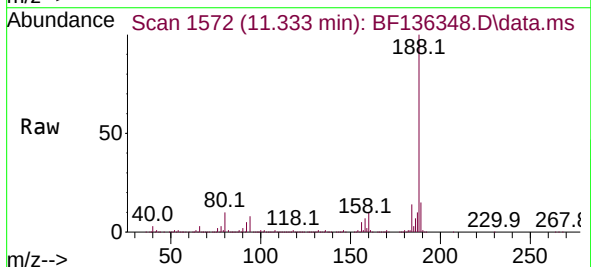
Tgt Ion: 188 Resp: 325020

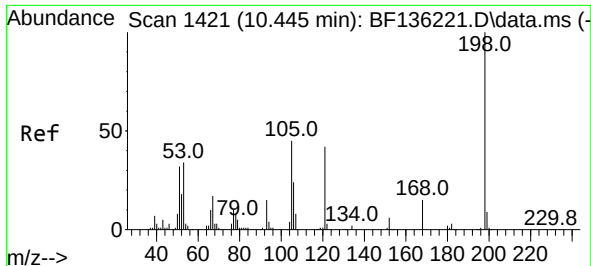
Ion Ratio Lower Upper

188 100

94 8.0 6.7 10.1

80 9.5 7.2 10.8

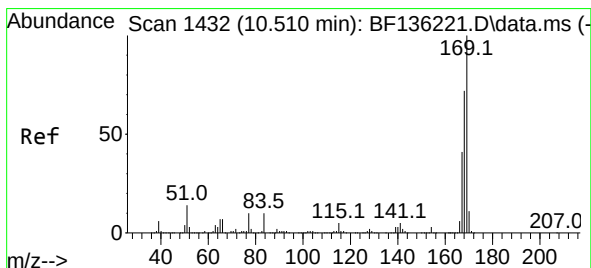
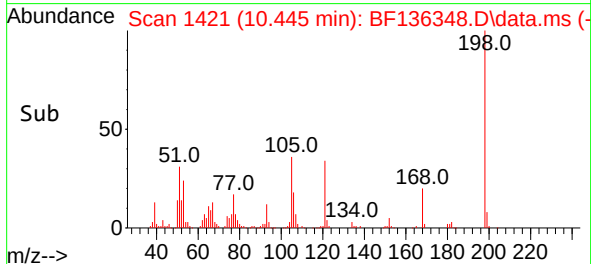
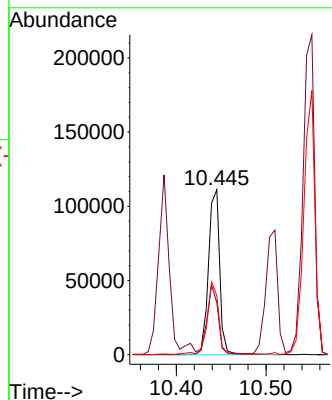
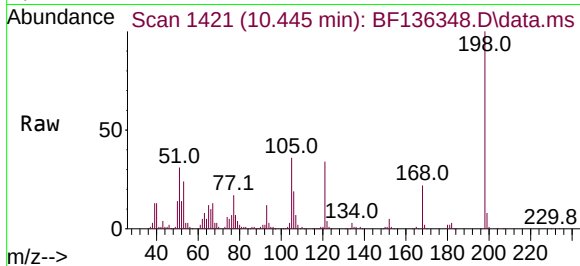




#65
4,6-Dinitro-2-methylphenol
Concen: 54.205 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF136348.D
Acq: 01 Dec 2023 20:41

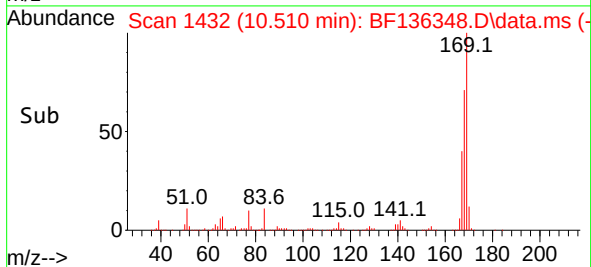
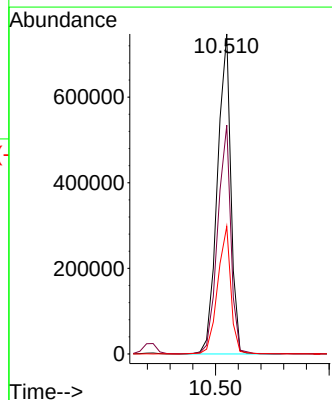
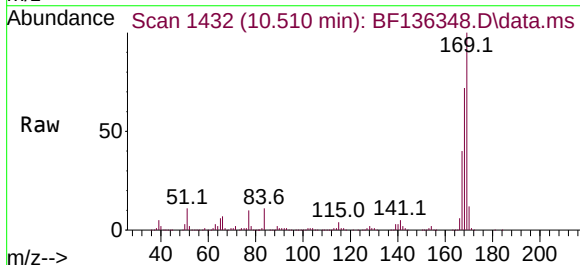
Instrument :
BNA_F
ClientSampleId :
WC-5MS

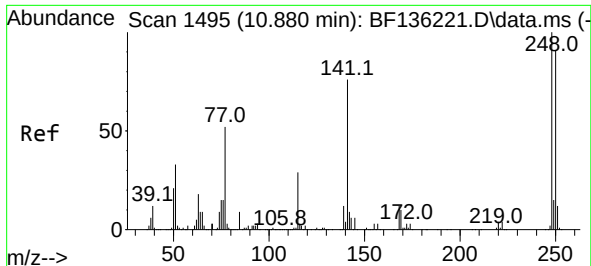
Tgt Ion:198 Resp: 96342
Ion Ratio Lower Upper
198 100
51 31.5 28.2 68.2
105 35.8 25.7 65.7



#66
n-Nitrosodiphenylamine
Concen: 59.193 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF136348.D
Acq: 01 Dec 2023 20:41

Tgt Ion:169 Resp: 616537
Ion Ratio Lower Upper
169 100
168 71.5 57.8 86.6
167 39.9 32.7 49.1

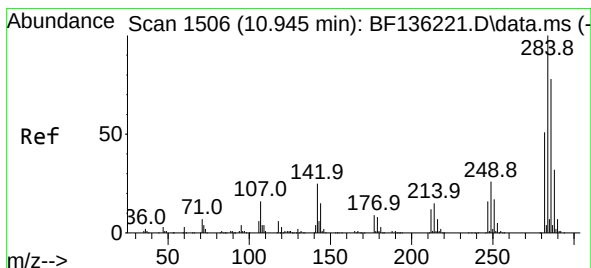
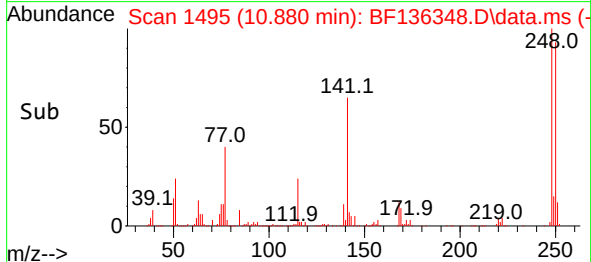
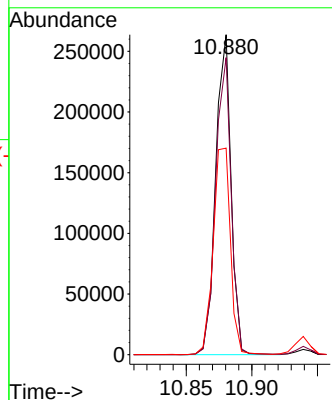
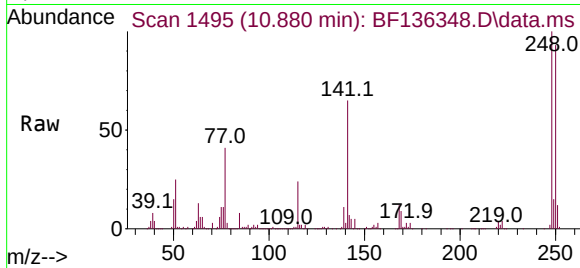




#67
4-Bromophenyl-phenylether
Concen: 56.505 ng
RT: 10.880 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF136348.D
Acq: 01 Dec 2023 20:41

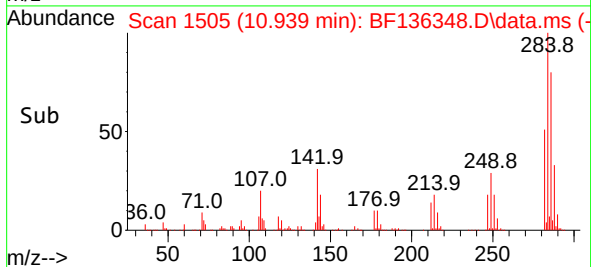
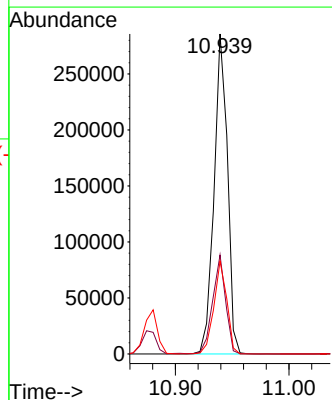
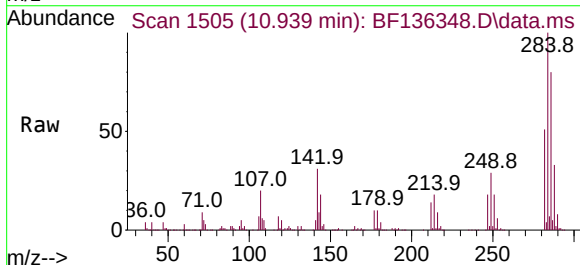
Instrument :
BNA_F
ClientSampleId :
WC-5MS

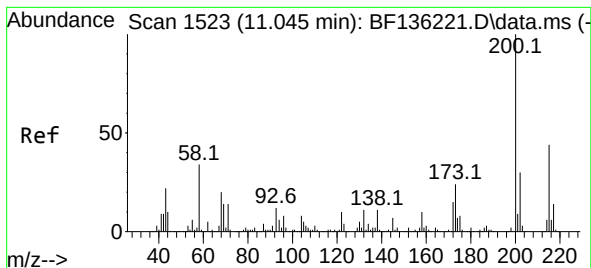
Tgt Ion:248 Resp: 214259
Ion Ratio Lower Upper
248 100
250 92.9 72.5 108.7
141 64.6 60.8 91.2



#68
Hexachlorobenzene
Concen: 53.225 ng
RT: 10.939 min Scan# 1505
Delta R.T. -0.006 min
Lab File: BF136348.D
Acq: 01 Dec 2023 20:41

Tgt Ion:284 Resp: 233584
Ion Ratio Lower Upper
284 100
142 30.9 19.8 29.8#
249 29.0 21.0 31.4





#69

Atrazine

Concen: 56.157 ng

RT: 11.039 min Scan# 1522

Delta R.T. -0.006 min

Lab File: BF136348.D

Acq: 01 Dec 2023 20:41

Instrument :

BNA_F

ClientSampleId :

WC-5MS

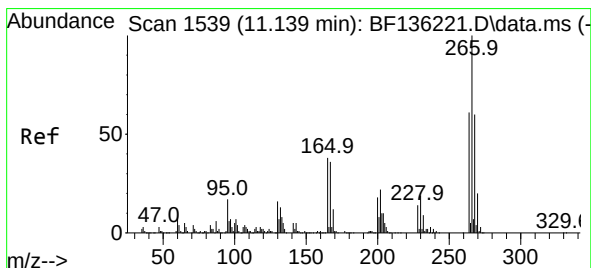
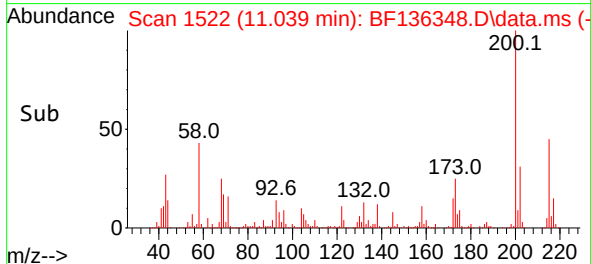
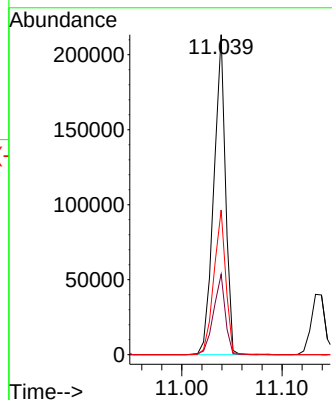
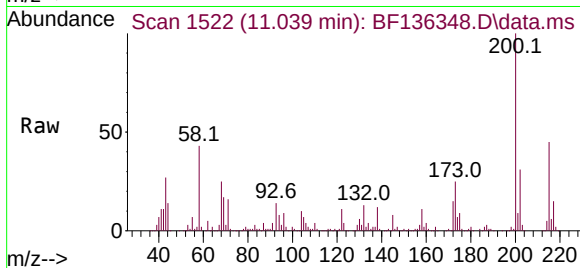
Tgt Ion:200 Resp: 173512

Ion Ratio Lower Upper

200 100

173 25.1 4.3 44.3

215 45.2 23.8 63.8



#70

Pentachlorophenol

Concen: 87.698 ng

RT: 11.139 min Scan# 1539

Delta R.T. 0.000 min

Lab File: BF136348.D

Acq: 01 Dec 2023 20:41

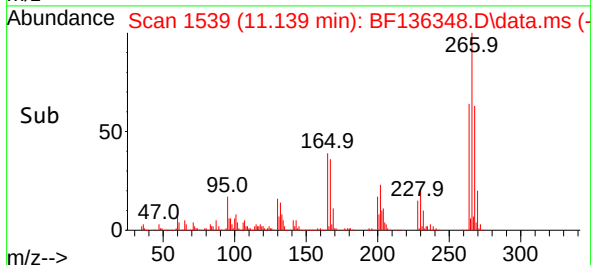
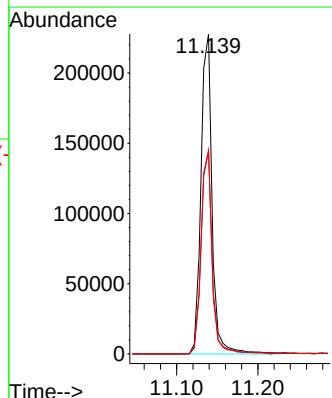
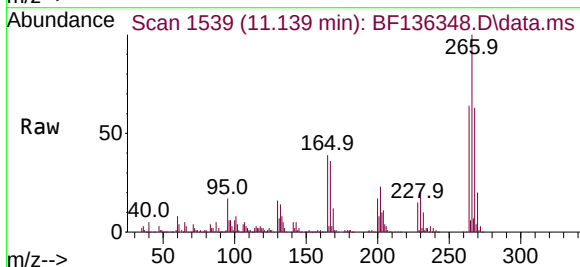
Tgt Ion:266 Resp: 217550

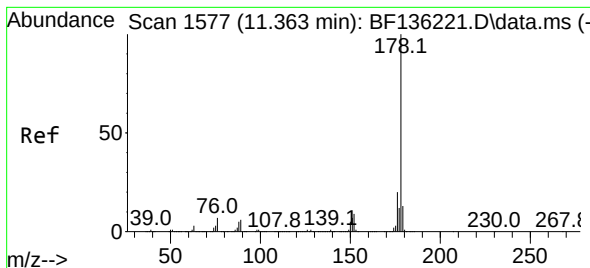
Ion Ratio Lower Upper

266 100

268 63.3 47.9 71.9

264 63.7 49.1 73.7





#71

Phenanthrene

Concen: 54.602 ng

RT: 11.357 min Scan# 1576

Delta R.T. -0.006 min

Lab File: BF136348.D

Acq: 01 Dec 2023 20:41

Instrument :

BNA_F

ClientSampleId :

WC-5MS

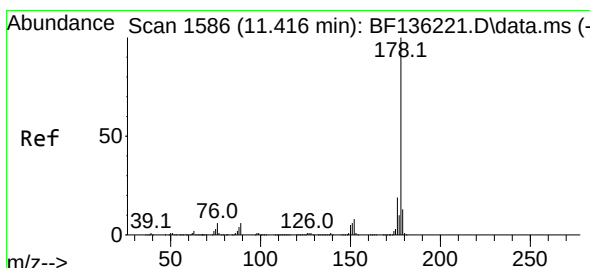
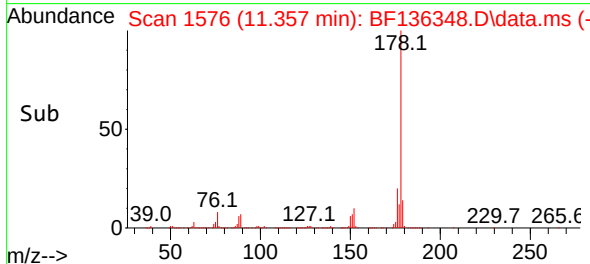
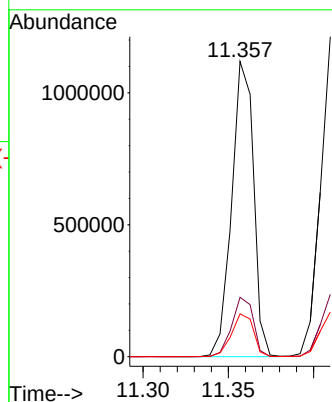
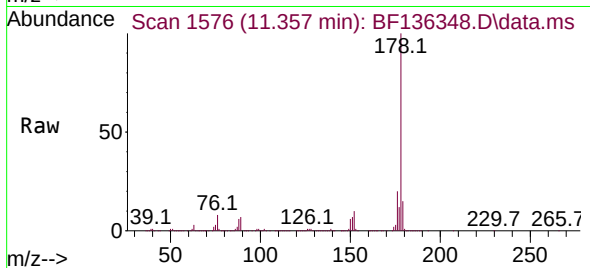
Tgt Ion:178 Resp: 997449

Ion Ratio Lower Upper

178 100

176 20.1 16.2 24.2

179 14.6 10.3 15.5



#72

Anthracene

Concen: 51.847 ng

RT: 11.410 min Scan# 1585

Delta R.T. -0.006 min

Lab File: BF136348.D

Acq: 01 Dec 2023 20:41

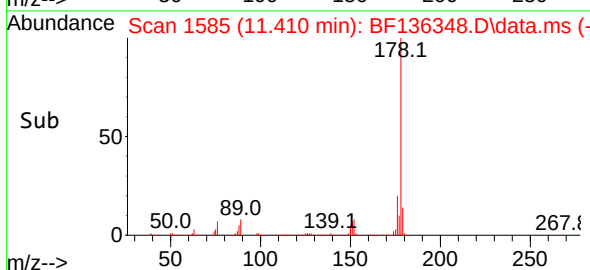
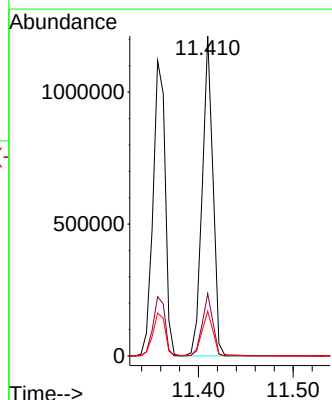
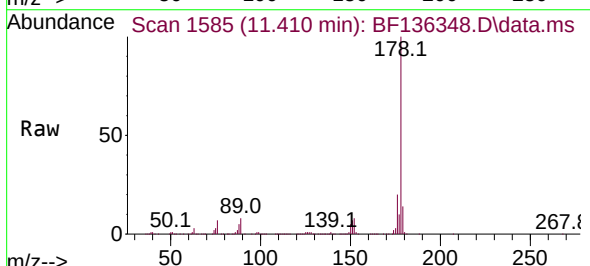
Tgt Ion:178 Resp: 949792

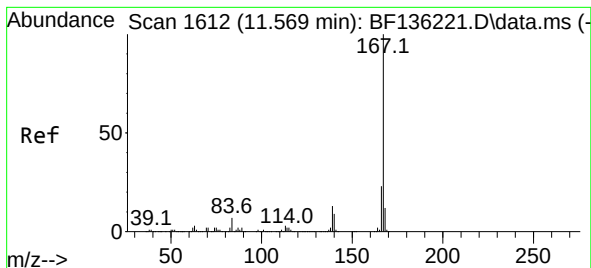
Ion Ratio Lower Upper

178 100

176 19.5 15.5 23.3

179 13.9 10.5 15.7





#73

Carbazole

Concen: 44.591 ng

RT: 11.569 min Scan# 1612

Delta R.T. 0.000 min

Lab File: BF136348.D

Acq: 01 Dec 2023 20:41

Instrument :

BNA_F

ClientSampleId :

WC-5MS

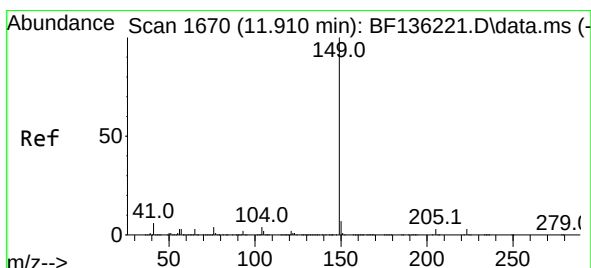
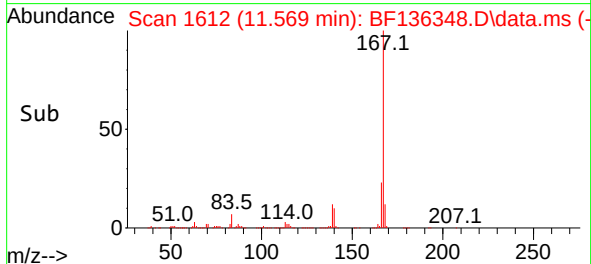
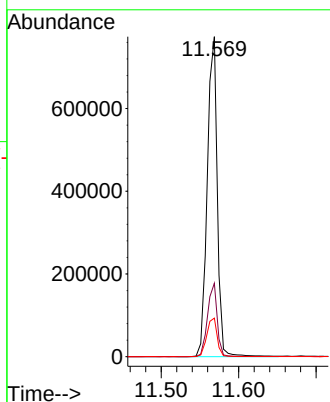
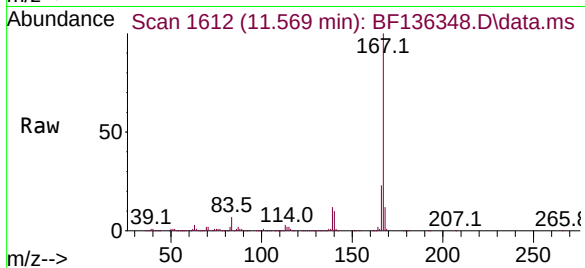
Tgt Ion:167 Resp: 694747

Ion Ratio Lower Upper

167 100

166 22.9 18.4 27.6

139 12.0 10.5 15.7



#74

Di-n-butylphthalate

Concen: 48.510 ng

RT: 11.904 min Scan# 1669

Delta R.T. -0.006 min

Lab File: BF136348.D

Acq: 01 Dec 2023 20:41

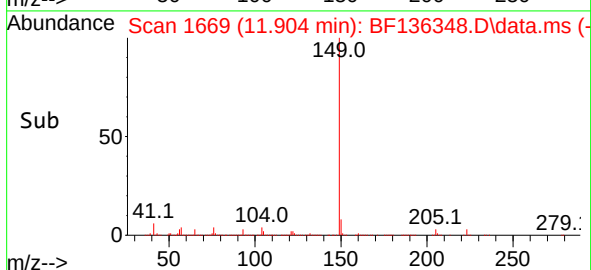
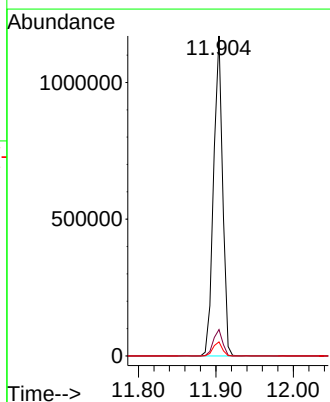
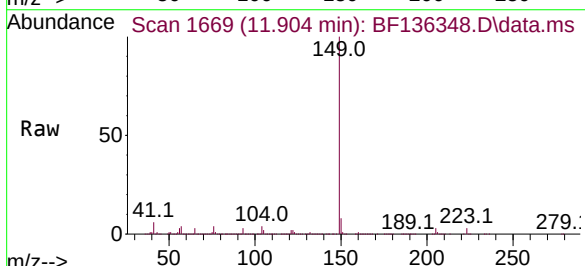
Tgt Ion:149 Resp: 945688

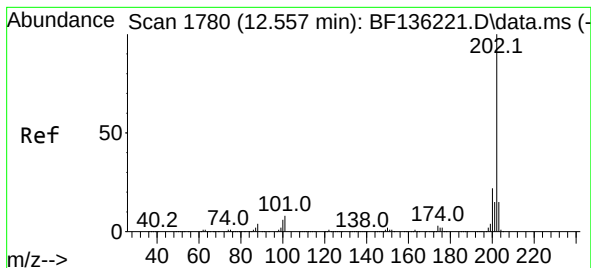
Ion Ratio Lower Upper

149 100

150 8.2 6.0 9.0

104 4.4 3.5 5.3





#75

Fluoranthene

Concen: 50.942 ng

RT: 12.551 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136348.D

Acq: 01 Dec 2023 20:41

Instrument :

BNA_F

ClientSampleId :

WC-5MS

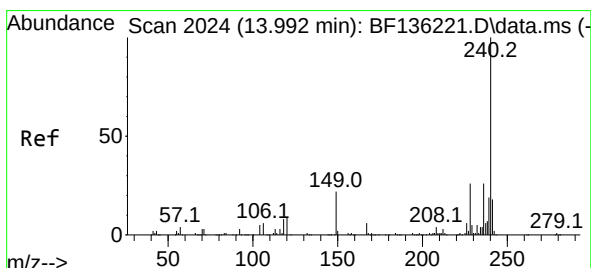
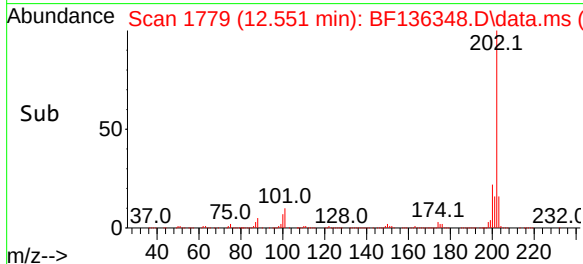
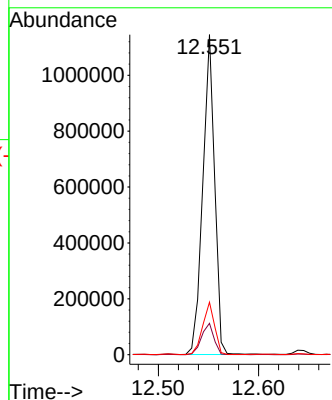
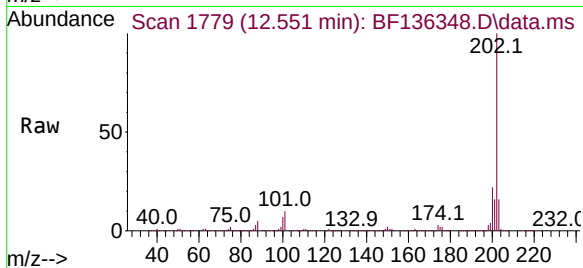
Tgt Ion:202 Resp: 944702

Ion Ratio Lower Upper

202 100

101 9.8 0.0 27.8

203 16.4 0.0 34.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 2023

Delta R.T. -0.006 min

Lab File: BF136348.D

Acq: 01 Dec 2023 20:41

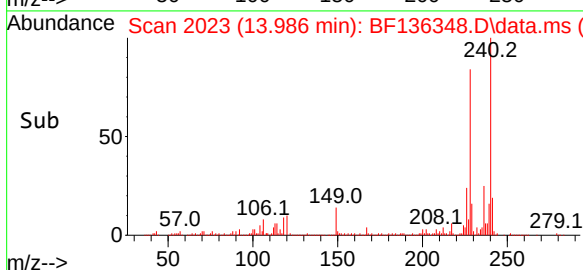
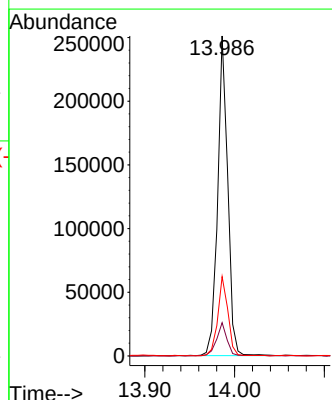
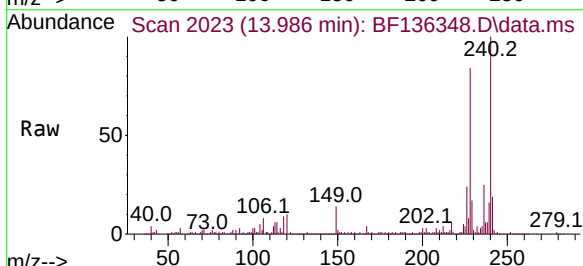
Tgt Ion:240 Resp: 195392

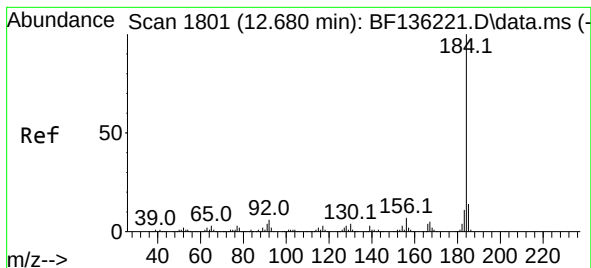
Ion Ratio Lower Upper

240 100

120 10.4 7.4 11.2

236 24.8 21.1 31.7





#77

Benzidine

Concen: 46.962 ng

RT: 12.674 min Scan# 1800

Delta R.T. -0.006 min

Lab File: BF136348.D

Acq: 01 Dec 2023 20:41

Instrument :

BNA_F

ClientSampleId :

WC-5MS

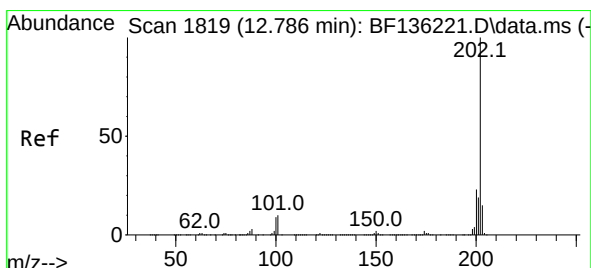
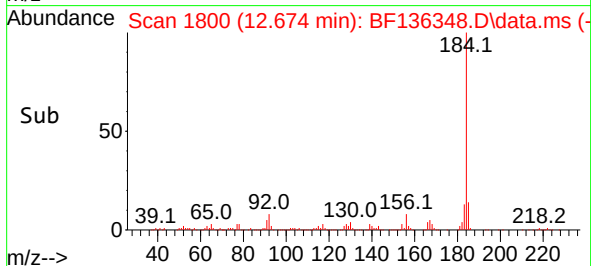
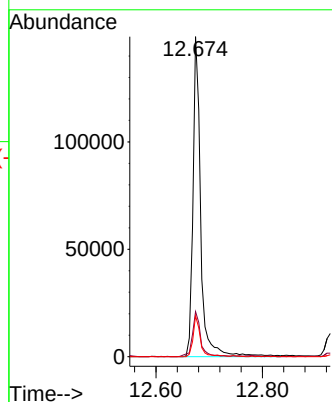
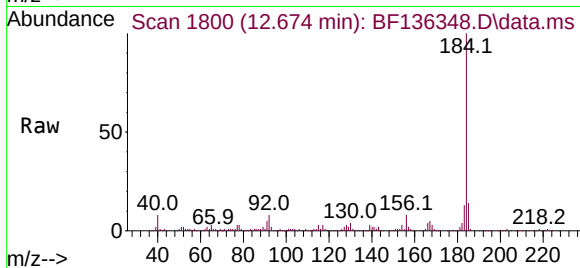
Tgt Ion:184 Resp: 150838

Ion Ratio Lower Upper

184 100

185 14.1 11.0 16.6

183 12.8 9.0 13.4



#78

Pyrene

Concen: 44.386 ng

RT: 12.780 min Scan# 1818

Delta R.T. -0.006 min

Lab File: BF136348.D

Acq: 01 Dec 2023 20:41

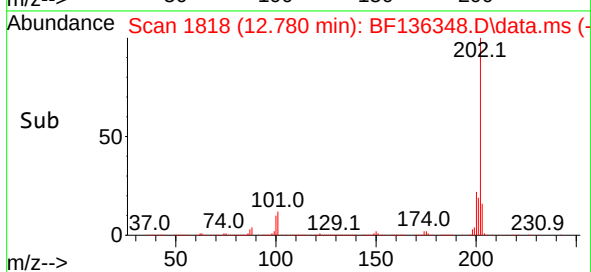
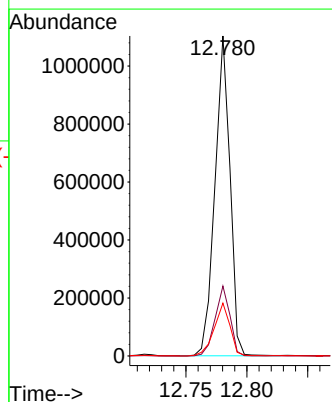
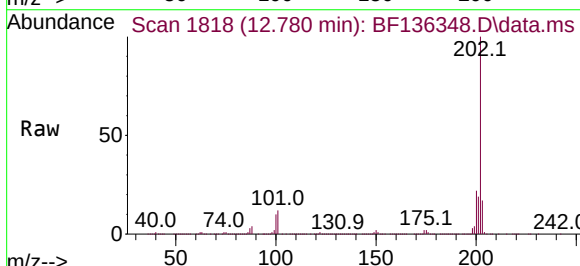
Tgt Ion:202 Resp: 949808

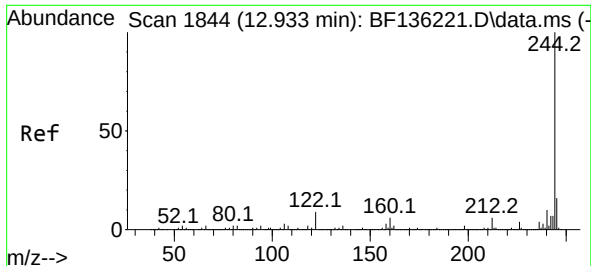
Ion Ratio Lower Upper

202 100

200 21.9 18.4 27.6

203 16.5 11.8 17.6

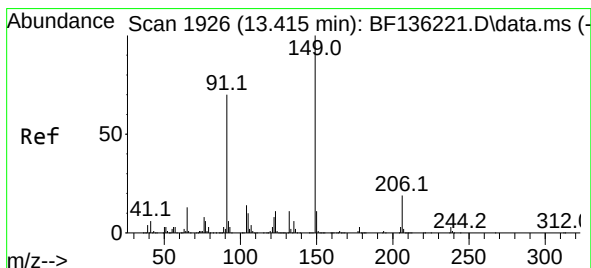
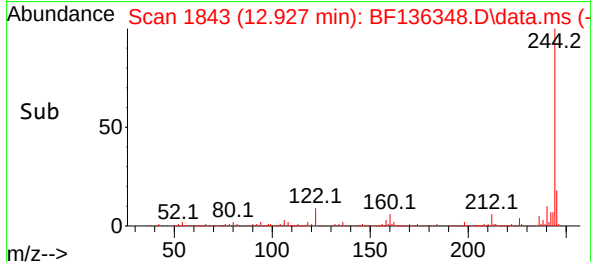
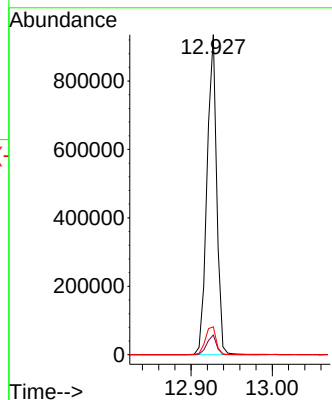
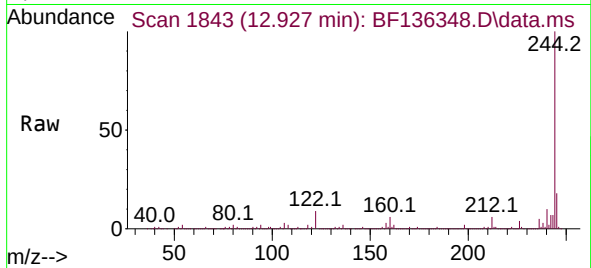




#79
 Terphenyl-d14
 Concen: 45.527 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. -0.006 min
 Lab File: BF136348.D
 Acq: 01 Dec 2023 20:41

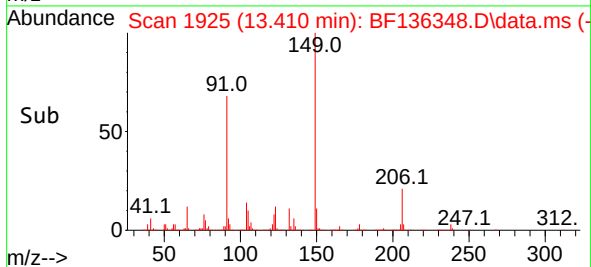
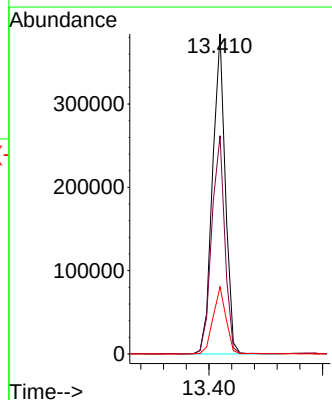
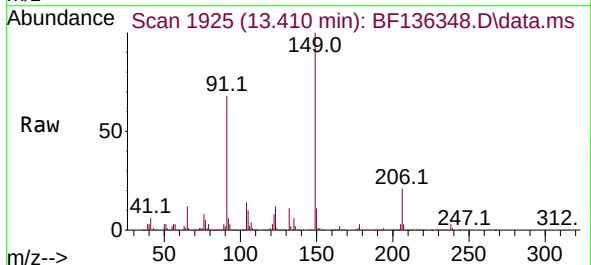
Instrument :
 BNA_F
 ClientSampleId :
 WC-5MS

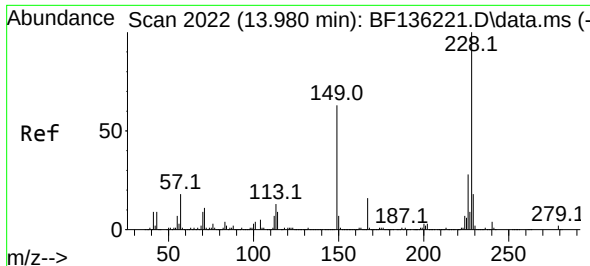
Tgt Ion:244 Resp: 771200
 Ion Ratio Lower Upper
 244 100
 212 6.1 4.6 7.0
 122 8.7 7.3 10.9



#80
 Butylbenzylphthalate
 Concen: 45.015 ng
 RT: 13.410 min Scan# 1925
 Delta R.T. -0.006 min
 Lab File: BF136348.D
 Acq: 01 Dec 2023 20:41

Tgt Ion:149 Resp: 299789
 Ion Ratio Lower Upper
 149 100
 91 68.2 56.4 84.6
 206 21.0 14.8 22.2

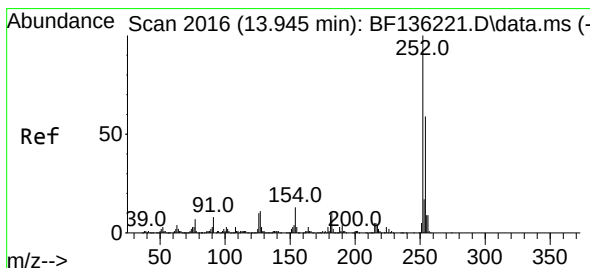
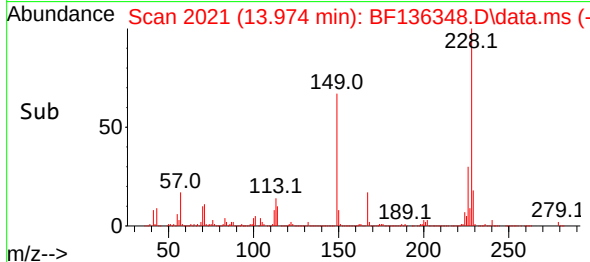
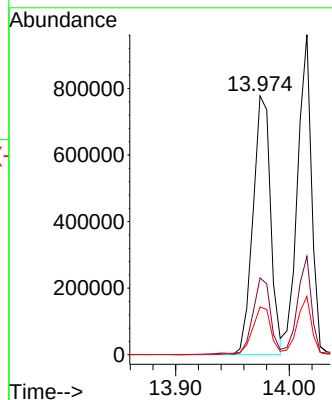
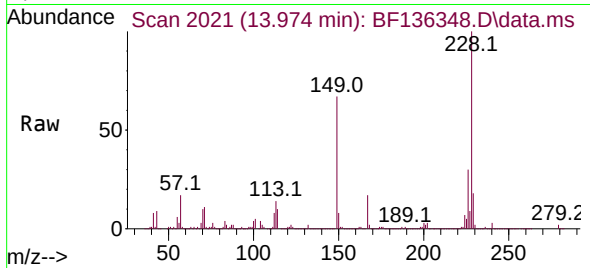




#81
Benzo(a)anthracene
Concen: 57.878 ng
RT: 13.974 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF136348.D
Acq: 01 Dec 2023 20:41

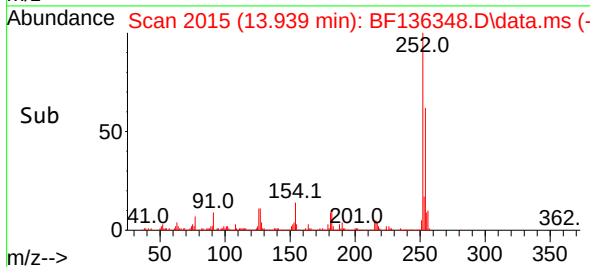
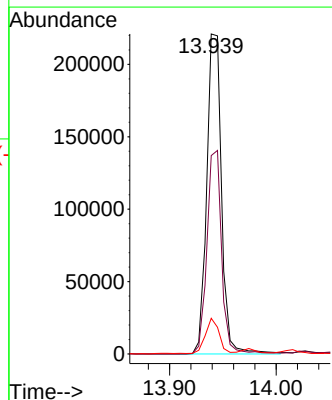
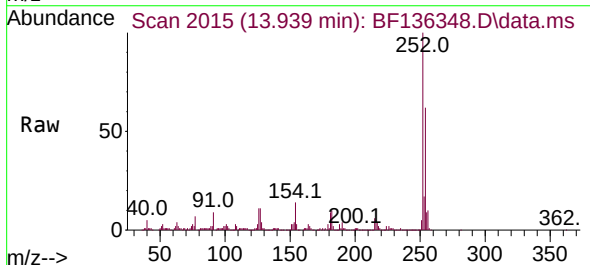
Instrument :
BNA_F
ClientSampleId :
WC-5MS

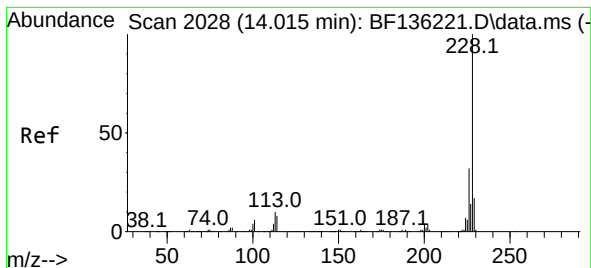
Tgt Ion:228 Resp: 839988
Ion Ratio Lower Upper
228 100
226 29.7 22.6 34.0
229 18.4 14.0 21.0



#82
3,3'-Dichlorobenzidine
Concen: 61.445 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF136348.D
Acq: 01 Dec 2023 20:41

Tgt Ion:252 Resp: 214658
Ion Ratio Lower Upper
252 100
254 62.0 47.4 71.2
126 11.2 8.3 12.5





#83

Chrysene

Concen: 58.884 ng

RT: 14.015 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF136348.D

Acq: 01 Dec 2023 20:41

Instrument :

BNA_F

ClientSampleId :

WC-5MS

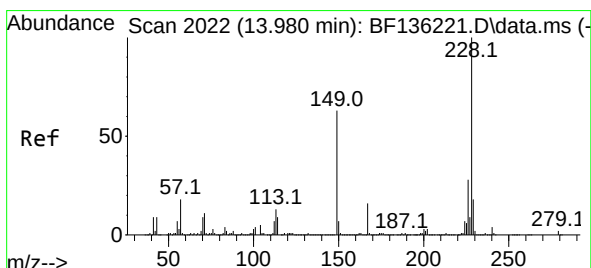
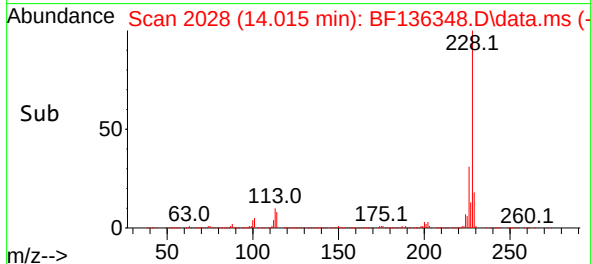
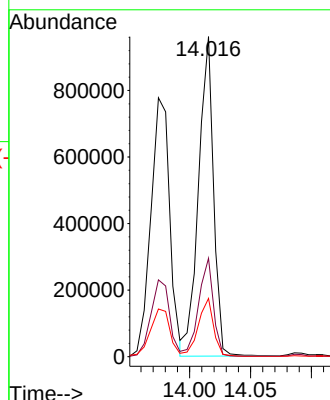
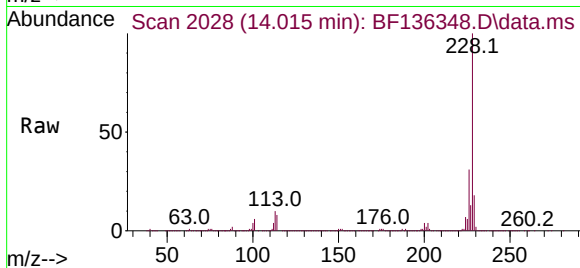
Tgt Ion:228 Resp: 825145

Ion Ratio Lower Upper

228 100

226 30.8 25.5 38.3

229 18.2 13.9 20.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.143 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF136348.D

Acq: 01 Dec 2023 20:41

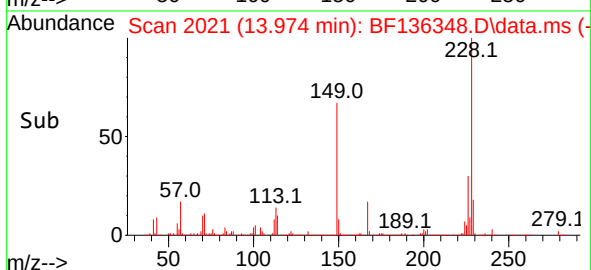
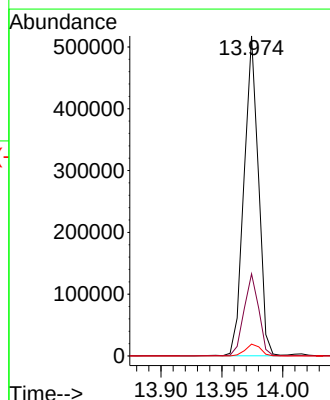
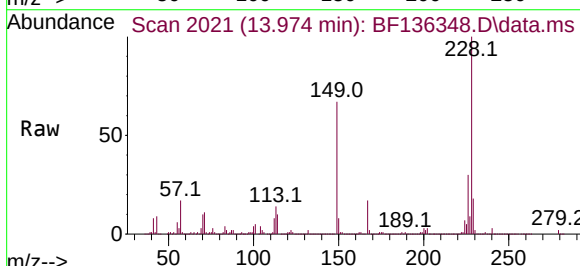
Tgt Ion:149 Resp: 424751

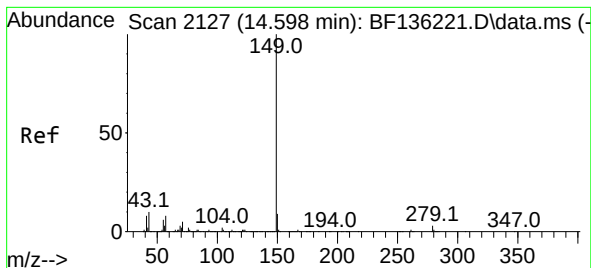
Ion Ratio Lower Upper

149 100

167 25.6 20.2 30.2

279 3.7 2.4 3.6#





#85

Di-n-octyl phthalate

Concen: 62.480 ng

RT: 14.592 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF136348.D

Acq: 01 Dec 2023 20:41

Instrument :

BNA_F

ClientSampleId :

WC-5MS

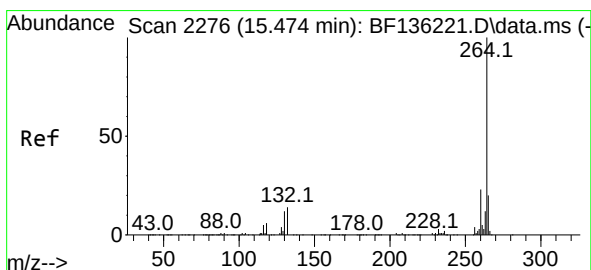
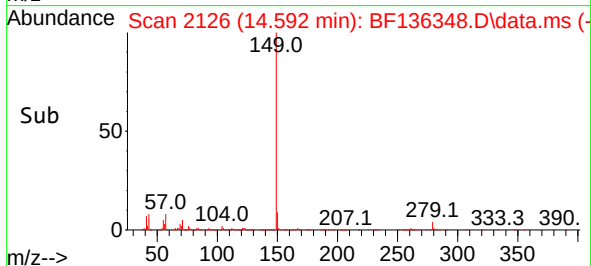
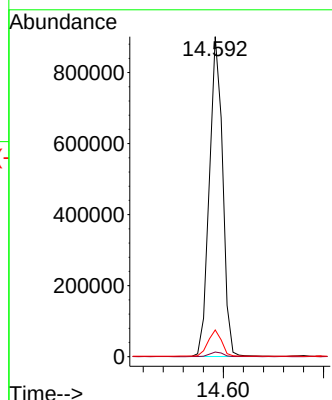
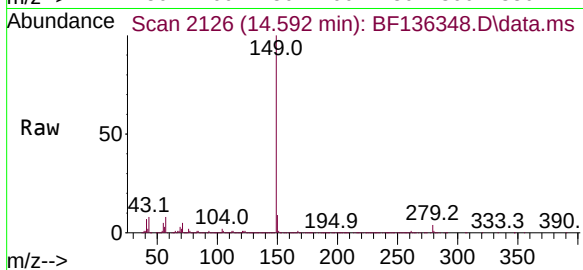
Tgt Ion:149 Resp: 833699

Ion Ratio Lower Upper

149 100

167 1.5 1.0 1.6

43 8.6 7.2 10.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2275

Delta R.T. -0.006 min

Lab File: BF136348.D

Acq: 01 Dec 2023 20:41

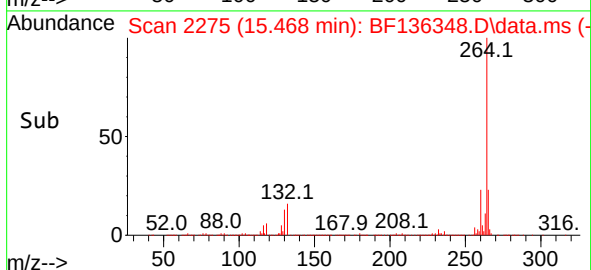
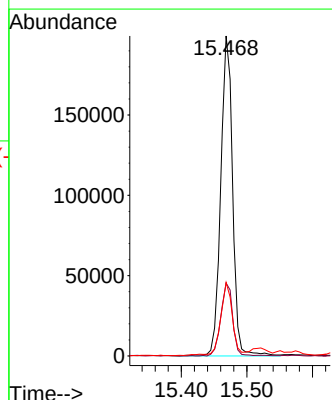
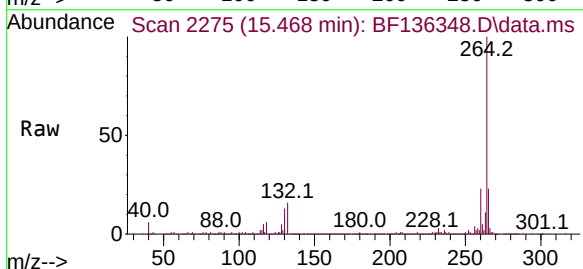
Tgt Ion:264 Resp: 249106

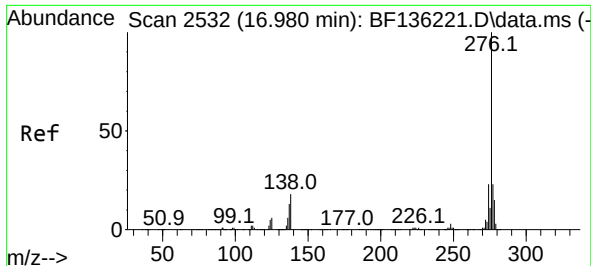
Ion Ratio Lower Upper

264 100

260 22.8 18.6 27.8

265 23.0 15.7 23.5

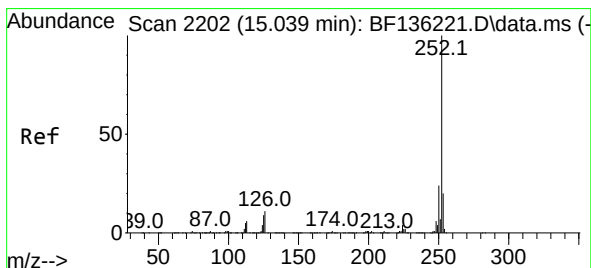
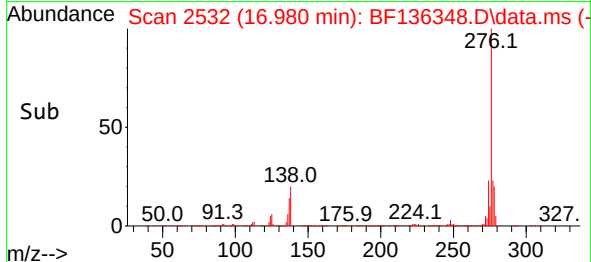
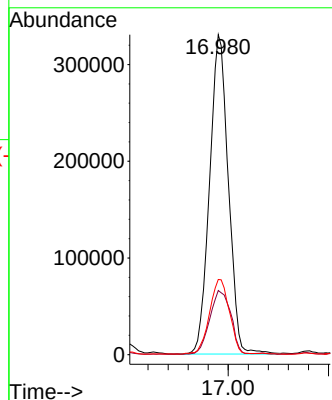
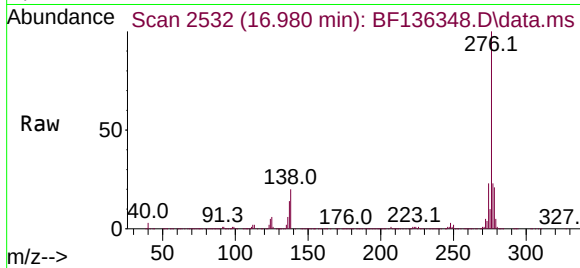




#87
Indeno(1,2,3-cd)pyrene
Concen: 46.118 ng
RT: 16.980 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF136348.D
Acq: 01 Dec 2023 20:41

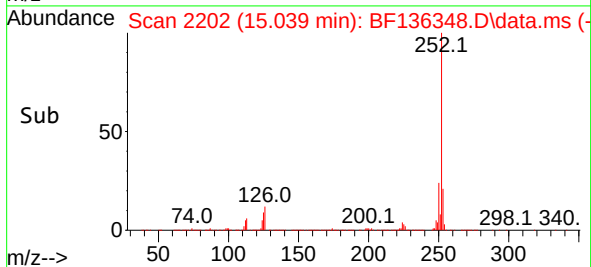
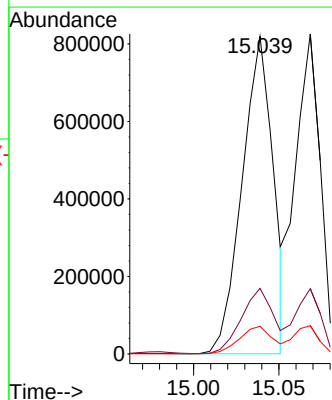
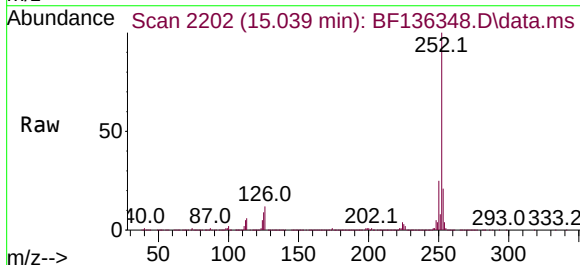
Instrument :
BNA_F
ClientSampleId :
WC-5MS

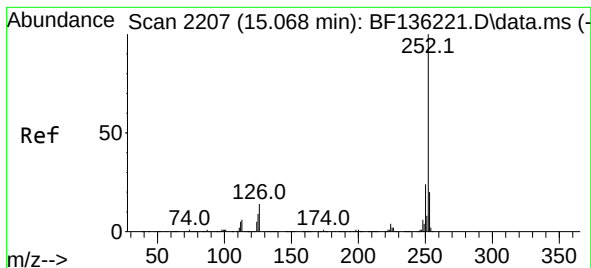
Tgt Ion:276 Resp: 856663
Ion Ratio Lower Upper
276 100
138 22.4 17.7 26.5
277 24.7 19.6 29.4



#88
Benzo(b)fluoranthene
Concen: 59.283 ng
RT: 15.039 min Scan# 2202
Delta R.T. 0.000 min
Lab File: BF136348.D
Acq: 01 Dec 2023 20:41

Tgt Ion:252 Resp: 1036080
Ion Ratio Lower Upper
252 100
253 20.6 16.2 24.2
125 8.7 6.9 10.3





#89

Benzo(k)fluoranthene

Concen: 50.751 ng

RT: 15.068 min Scan# 2207

Delta R.T. 0.000 min

Lab File: BF136348.D

Acq: 01 Dec 2023 20:41

Instrument :

BNA_F

ClientSampleId :

WC-5MS

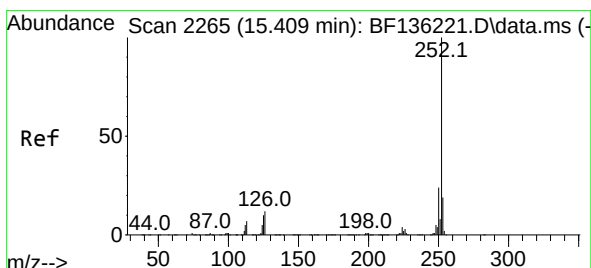
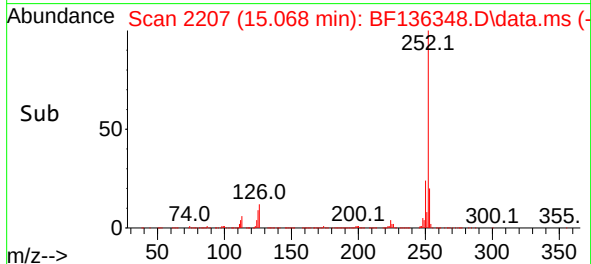
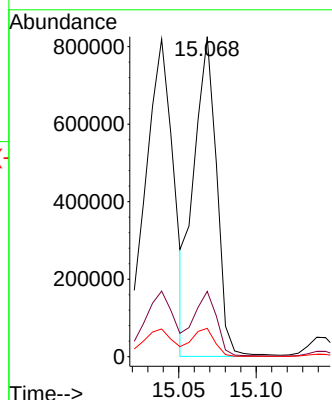
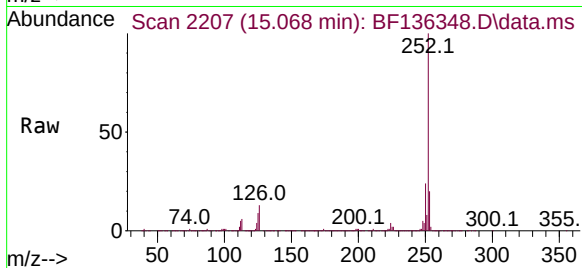
Tgt Ion:252 Resp: 842418

Ion Ratio Lower Upper

252 100

253 20.4 15.6 23.4

125 8.9 7.0 10.4



#90

Benzo(a)pyrene

Concen: 60.878 ng

RT: 15.410 min Scan# 2265

Delta R.T. 0.001 min

Lab File: BF136348.D

Acq: 01 Dec 2023 20:41

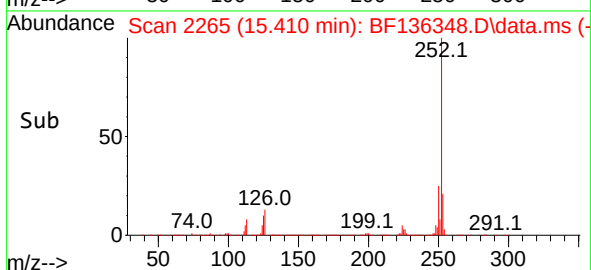
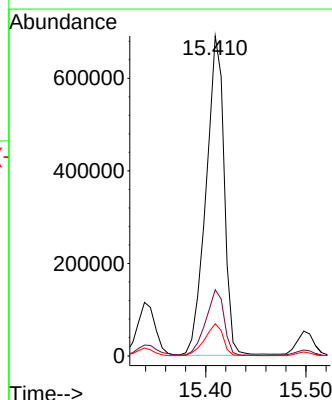
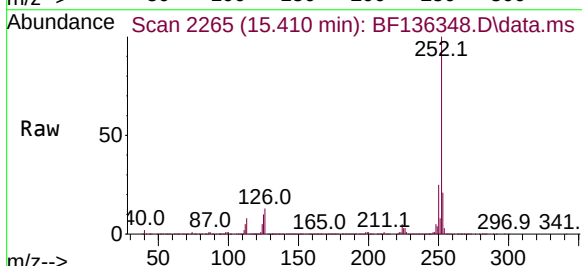
Tgt Ion:252 Resp: 869757

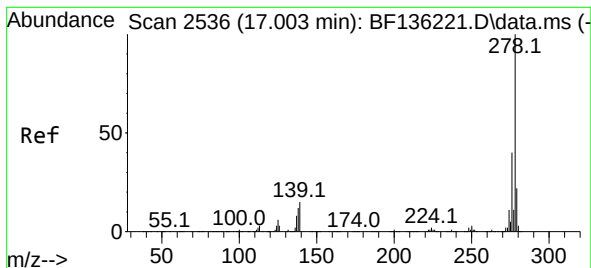
Ion Ratio Lower Upper

252 100

253 20.7 15.5 23.3

125 10.1 7.9 11.9





#91

Dibenzo(a,h)anthracene

Concen: 41.226 ng

RT: 17.004 min Scan# 2536

Delta R.T. 0.001 min

Lab File: BF136348.D

Acq: 01 Dec 2023 20:41

Instrument :

BNA_F

ClientSampleId :

WC-5MS

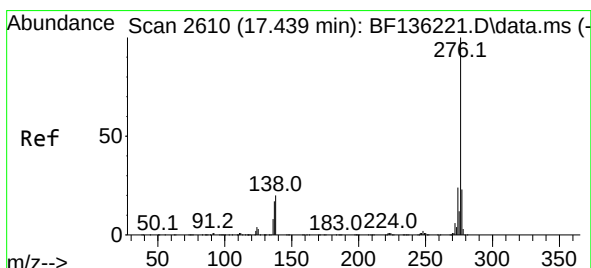
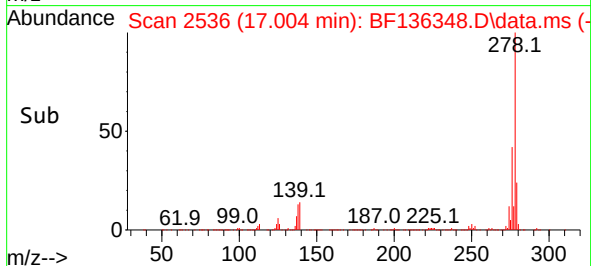
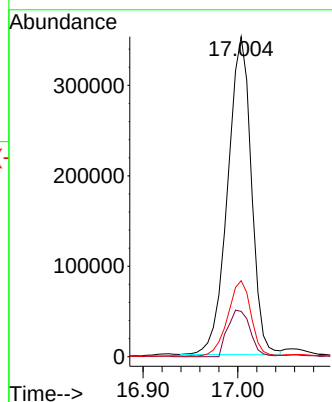
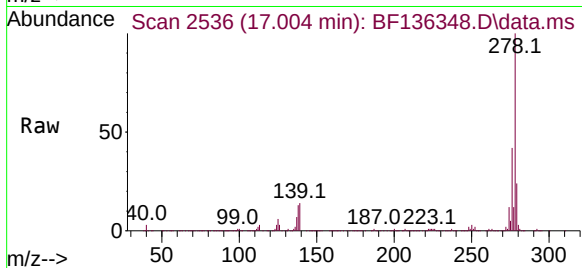
Tgt Ion:278 Resp: 610037

Ion Ratio Lower Upper

278 100

139 14.2 11.7 17.5

279 23.8 17.8 26.8



#92

Benzo(g,h,i)perylene

Concen: 41.747 ng

RT: 17.439 min Scan# 2610

Delta R.T. -0.000 min

Lab File: BF136348.D

Acq: 01 Dec 2023 20:41

Tgt Ion:276 Resp: 622180

Ion Ratio Lower Upper

276 100

277 21.8 18.6 27.8

138 21.4 15.8 23.8

