

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120423\
 Data File : BF136396.D
 Acq On : 04 Dec 2023 22:44
 Operator : CG\JU
 Sample : 05576-01MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 05 00:38:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:30:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	118869	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	468345	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	207532	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	333750	20.000	ng	0.00
76) Chrysene-d12	13.986	240	228879	20.000	ng	# 0.00
86) Perylene-d12	15.474	264	178487	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	834551	97.718	ng	0.01
7) Phenol-d6	6.451	99	1028752	96.338	ng	0.00
23) Nitrobenzene-d5	7.369	82	623493	70.349	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	234493	92.420	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1218117	74.972	ng	0.00
79) Terphenyl-d14	12.927	244	1165046	58.715	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.640	88	124313	38.470	ng	95
3) Pyridine	3.399	79	292819	36.708	ng	92
4) n-Nitrosodimethylamine	3.363	42	144741	35.896	ng	# 79
6) Aniline	6.475	93	179283	17.763	ng	96
8) 2-Chlorophenol	6.593	128	385474	41.453	ng	93
9) Benzaldehyde	6.357	77	162261	27.263	ng	96
10) Phenol	6.463	94	444919	38.836	ng	95
11) bis(2-Chloroethyl)ether	6.545	93	355389	42.286	ng	95
12) 1,3-Dichlorobenzene	6.745	146	403780	38.262	ng	97
13) 1,4-Dichlorobenzene	6.822	146	417310	38.899	ng	97
14) 1,2-Dichlorobenzene	6.975	146	389018	38.303	ng	97
15) Benzyl Alcohol	6.951	79	314062	41.948	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.081	45	450110	38.557	ng	95
17) 2-Methylphenol	7.063	107	289843	39.646	ng	96
18) Hexachloroethane	7.310	117	122777	32.628	ng	97
19) n-Nitroso-di-n-propyla...	7.222	70	250263	39.185	ng	94
20) 3+4-Methylphenols	7.216	107	362789	38.183	ng	99
22) Acetophenone	7.216	105	530106	43.097	ng	# 92
24) Nitrobenzene	7.387	77	361425	40.241	ng	95
25) Isophorone	7.628	82	676796	42.350	ng	# 94
26) 2-Nitrophenol	7.698	139	170917	44.663	ng	100
27) 2,4-Dimethylphenol	7.739	122	278584	55.309	ng	94
28) bis(2-Chloroethoxy)met...	7.834	93	431964	44.686	ng	97
29) 2,4-Dichlorophenol	7.945	162	297100	43.731	ng	97
30) 1,2,4-Trichlorobenzene	8.022	180	338685	40.718	ng	98
31) Naphthalene	8.104	128	1082192	41.109	ng	97
32) Benzoic acid	7.869	122	214405	46.706	ng	98
33) 4-Chloroaniline	8.169	127	90180	10.078	ng	96
34) Hexachlorobutadiene	8.222	225	195454	40.165	ng	99
35) Caprolactam	8.528	113	73589	38.747	ng	98
36) 4-Chloro-3-methylphenol	8.645	107	294864	40.017	ng	92
37) 2-Methylnaphthalene	8.798	142	661757	40.074	ng	96
38) 1-Methylnaphthalene	8.898	142	628600	39.022	ng	92
40) 1,2,4,5-Tetrachloroben...	8.963	216	317568	48.082	ng	98
41) Hexachlorocyclopentadiene	8.945	237	48850	19.222	ng	99
43) 2,4,6-Trichlorophenol	9.075	196	193865	45.222	ng	92

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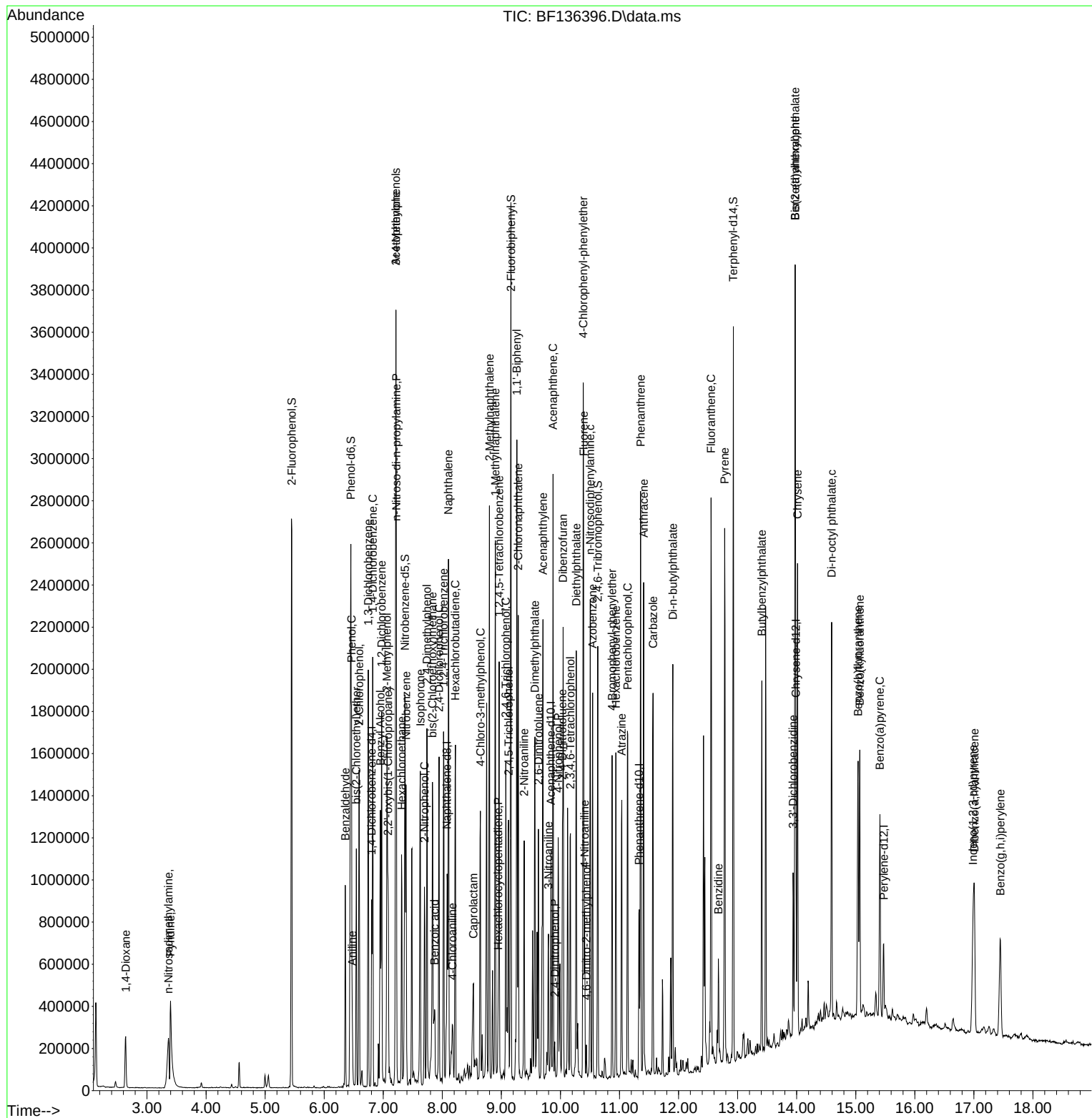
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	197656	42.250	ng	97
46) 1,1'-Biphenyl	9.263	154	846081	46.231	ng	98
47) 2-Chloronaphthalene	9.286	162	603950	42.495	ng	96
48) 2-Nitroaniline	9.386	65	171629	46.253	ng	87
49) Acenaphthylene	9.704	152	905782	44.659	ng	98
50) Dimethylphthalate	9.569	163	733719	46.776	ng	99
51) 2,6-Dinitrotoluene	9.628	165	140489	43.842	ng	98
52) Acenaphthene	9.875	154	541087	42.216	ng	95
53) 3-Nitroaniline	9.798	138	111917	35.199	ng	89
54) 2,4-Dinitrophenol	9.904	184	21172	14.206	ng	90
55) Dibenzofuran	10.045	168	799804	41.935	ng	99
56) 4-Nitrophenol	9.963	139	207750	86.029	ng	91
57) 2,4-Dinitrotoluene	10.033	165	166152	38.817	ng #	97
58) Fluorene	10.392	166	603686	40.353	ng	96
59) 2,3,4,6-Tetrachlorophenol	10.169	232	154386	41.476	ng	98
60) Diethylphthalate	10.269	149	675355	43.042	ng	97
61) 4-Chlorophenyl-phenyle...	10.386	204	299624	41.241	ng	97
62) 4-Nitroaniline	10.410	138	127318	40.908	ng	94
63) Azobenzene	10.545	77	557533	38.328	ng	95
65) 4,6-Dinitro-2-methylph...	10.439	198	16925	9.273	ng	96
66) n-Nitrosodiphenylamine	10.504	169	515125	48.163	ng	96
67) 4-Bromophenyl-phenylether	10.875	248	177563	45.602	ng	97
68) Hexachlorobenzene	10.939	284	191509	42.496	ng	94
69) Atrazine	11.039	200	166128	52.361	ng	95
70) Pentachlorophenol	11.139	266	209703	82.323	ng	96
71) Phenanthrene	11.357	178	1008619	53.769	ng	97
72) Anthracene	11.410	178	886264	47.114	ng	98
73) Carbazole	11.569	167	729164	45.575	ng	99
74) Di-n-butylphthalate	11.904	149	974011	48.656	ng	98
75) Fluoranthene	12.551	202	1124049	59.027	ng	95
77) Benzidine	12.674	184	186236	49.500	ng	98
78) Pyrene	12.780	202	1108418	44.220	ng	97
80) Butylbenzylphthalate	13.410	149	373403	47.865	ng	94
81) Benzo(a)anthracene	13.974	228	820388	48.257	ng	98
82) 3,3'-Dichlorobenzidine	13.939	252	169417	41.399	ng #	93
83) Chrysene	14.016	228	781097	47.586	ng	98
84) Bis(2-ethylhexyl)phtha...	13.974	149	530102	56.620	ng #	97
85) Di-n-octyl phthalate	14.592	149	905194	58.290	ng	99
87) Indeno(1,2,3-cd)pyrene	16.986	276	525381	39.860	ng	99
88) Benzo(b)fluoranthene	15.039	252	649797	51.891	ng	99
89) Benzo(k)fluoranthene	15.068	252	541031	45.490	ng	97
90) Benzo(a)pyrene	15.410	252	499954	48.839	ng	97
91) Dibenzo(a,h)anthracene	17.009	278	406300	38.512	ng	98
92) Benzo(g,h,i)perylene	17.451	276	414663	38.964	ng	100

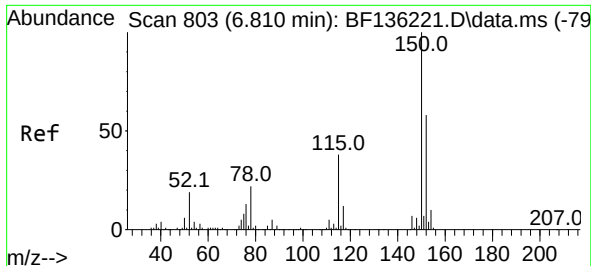
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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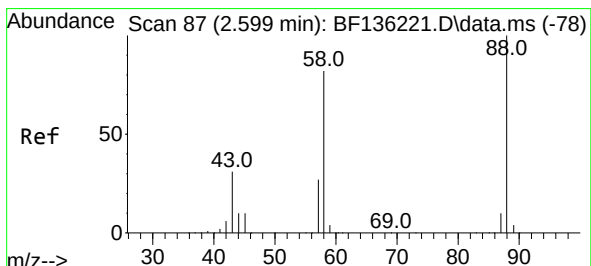
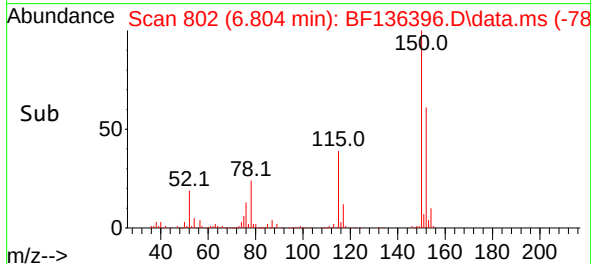
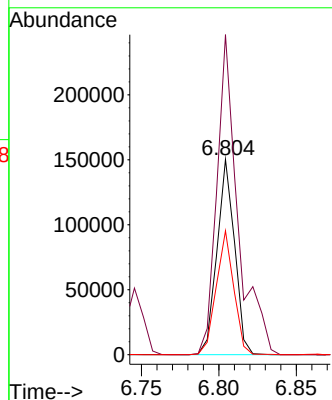
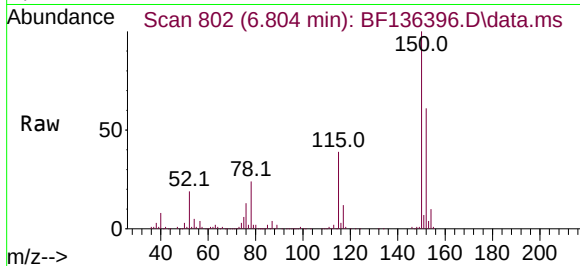




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.804 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF136396.D
 Acq: 04 Dec 2023 22:44

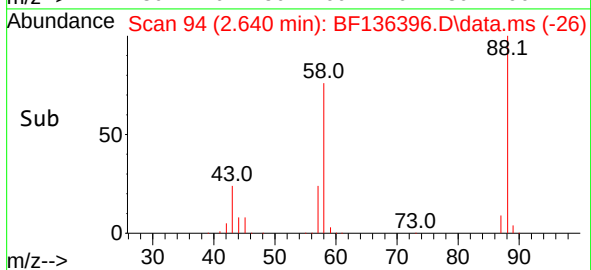
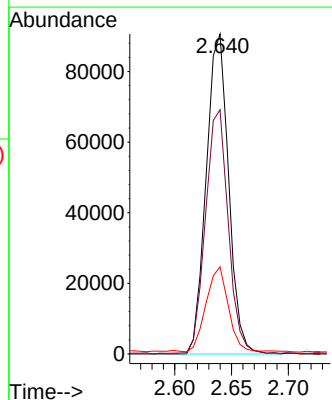
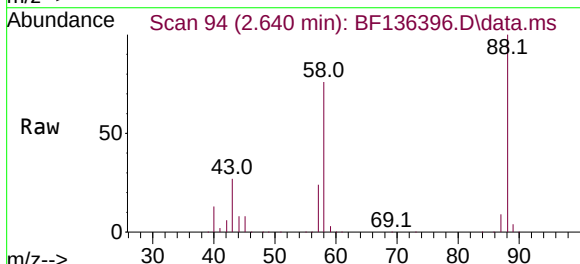
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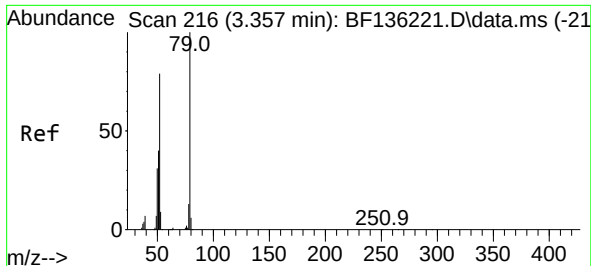
Tgt Ion:152 Resp: 118869
 Ion Ratio Lower Upper
 152 100
 150 163.9 137.8 206.8
 115 63.4 52.7 79.1



#2
 1,4-Dioxane
 Concen: 38.470 ng
 RT: 2.640 min Scan# 94
 Delta R.T. 0.047 min
 Lab File: BF136396.D
 Acq: 04 Dec 2023 22:44

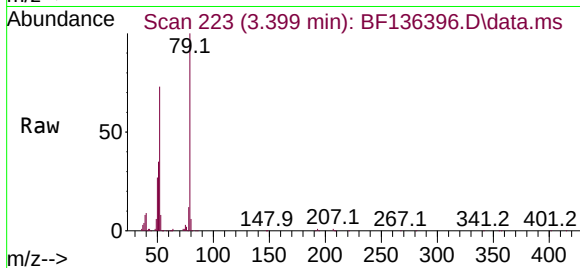
Tgt Ion: 88 Resp: 124313
 Ion Ratio Lower Upper
 88 100
 58 78.1 65.9 98.9
 43 27.1 24.8 37.2



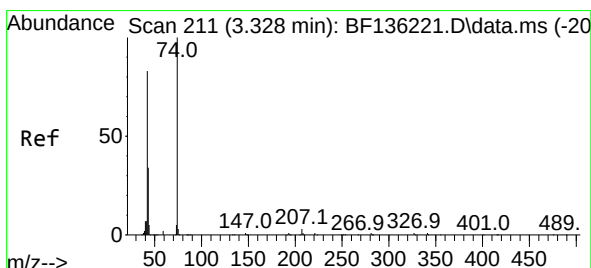
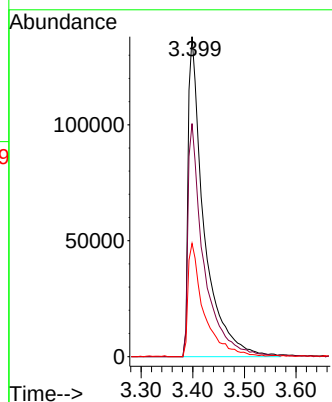
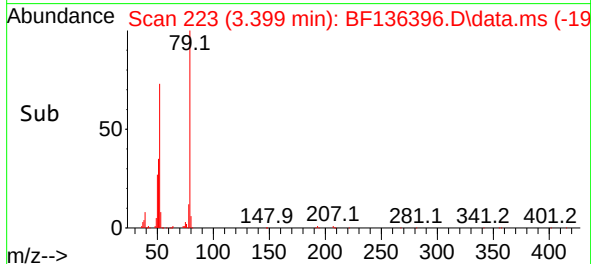


#3
 Pyridine
 Concen: 36.708 ng
 RT: 3.399 min Scan# 216
 Delta R.T. 0.047 min
 Lab File: BF136396.D
 Acq: 04 Dec 2023 22:44

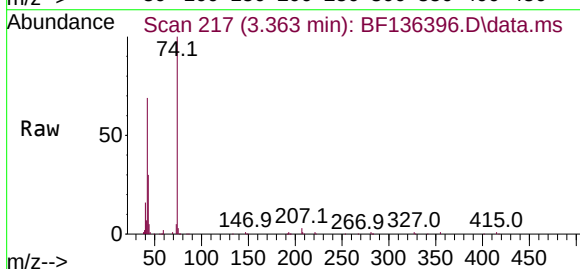
Instrument :
 BNA_F
 ClientSampleId :



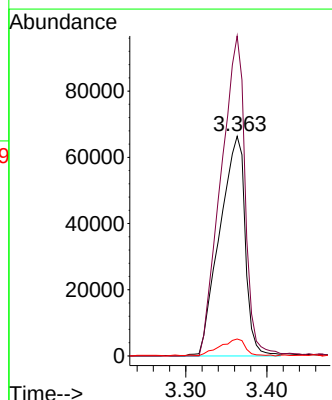
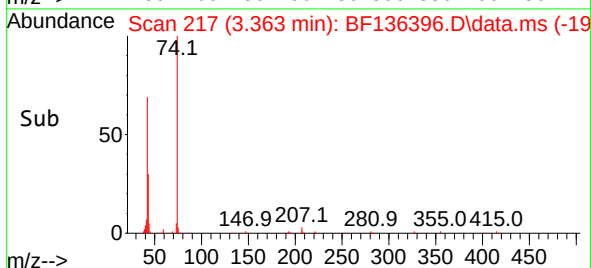
Tgt Ion: 79 Resp: 292819
 Ion Ratio Lower Upper
 79 100
 52 72.9 63.2 94.8
 51 35.4 32.6 49.0

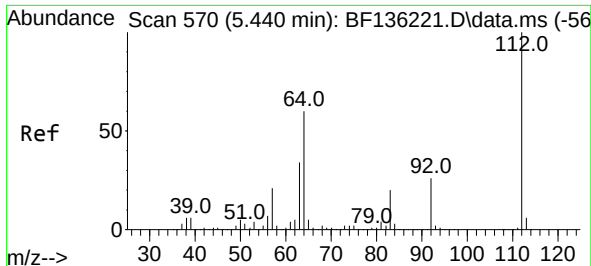


#4
 n-Nitrosodimethylamine
 Concen: 35.896 ng
 RT: 3.363 min Scan# 217
 Delta R.T. 0.035 min
 Lab File: BF136396.D
 Acq: 04 Dec 2023 22:44



Tgt Ion: 42 Resp: 144741
 Ion Ratio Lower Upper
 42 100
 74 145.7 96.6 144.8#
 44 7.7 5.4 8.2

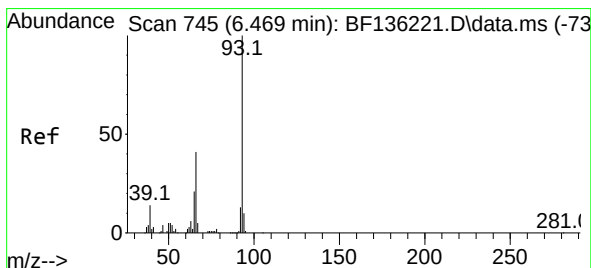
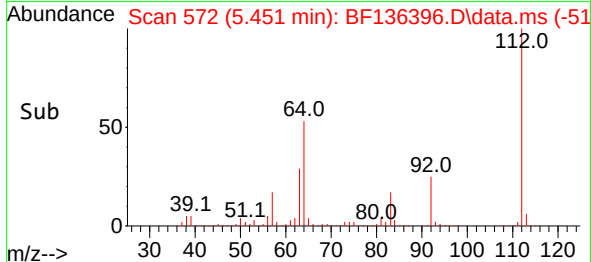
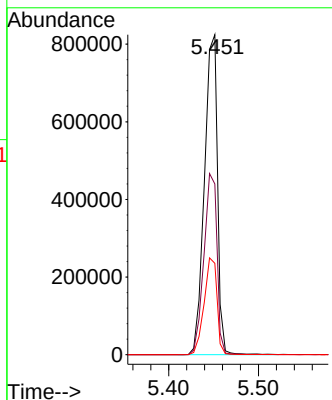
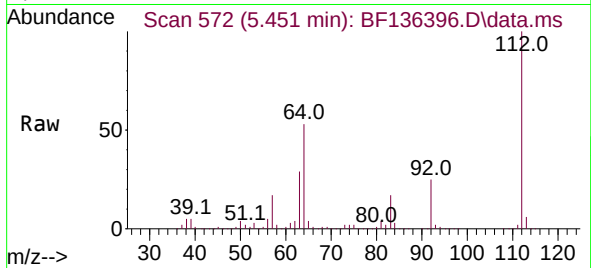




#5
2-Fluorophenol
Concen: 97.718 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF136396.D
Acq: 04 Dec 2023 22:44

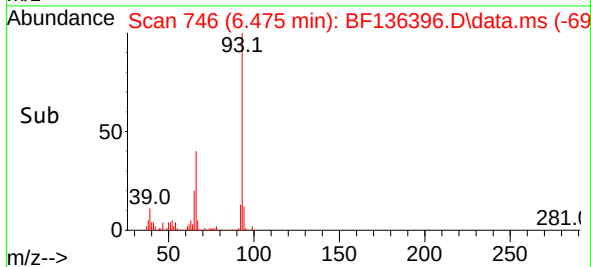
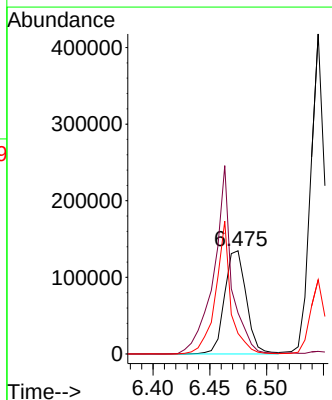
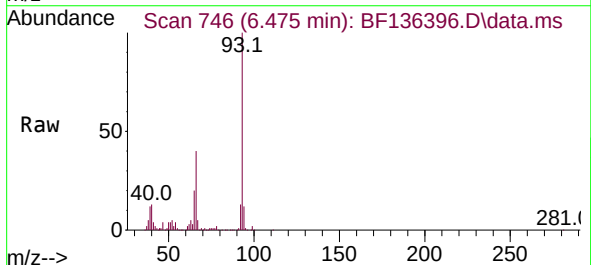
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BNA_F
ClientSampleId :

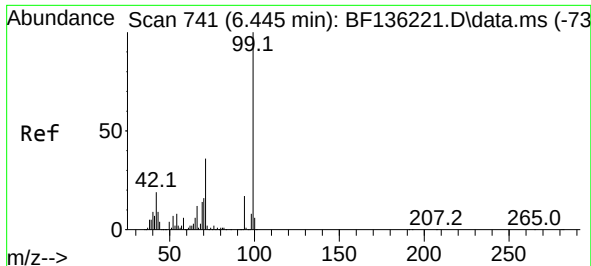
Tgt Ion:112 Resp: 834551
Ion Ratio Lower Upper
112 100
64 53.3 48.2 72.4
63 28.6 27.0 40.6



#6
Aniline
Concen: 17.763 ng
RT: 6.475 min Scan# 746
Delta R.T. 0.000 min
Lab File: BF136396.D
Acq: 04 Dec 2023 22:44

Tgt Ion: 93 Resp: 179283
Ion Ratio Lower Upper
93 100
66 39.8 34.1 51.1
65 19.9 17.3 25.9

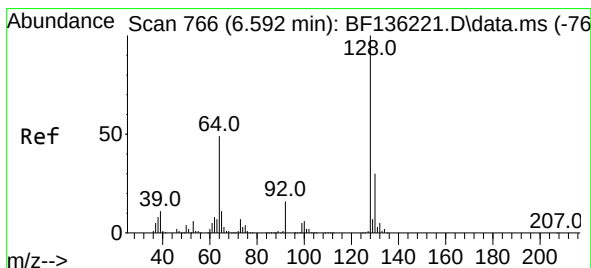
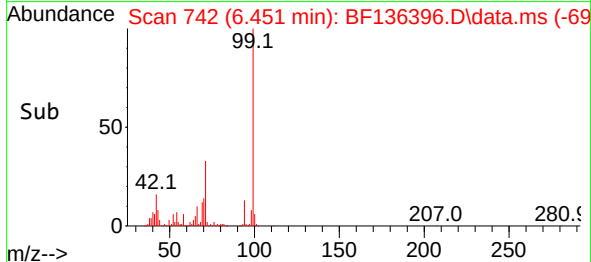
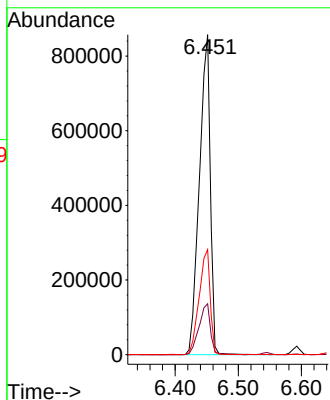
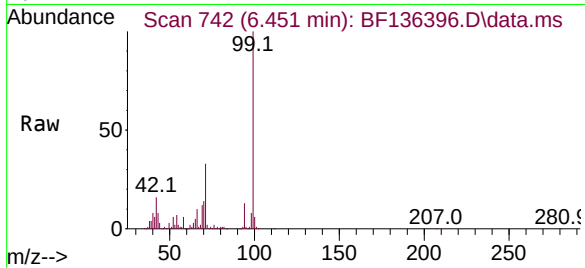




#7
Phenol-d6
Concen: 96.338 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF136396.D
Acq: 04 Dec 2023 22:44

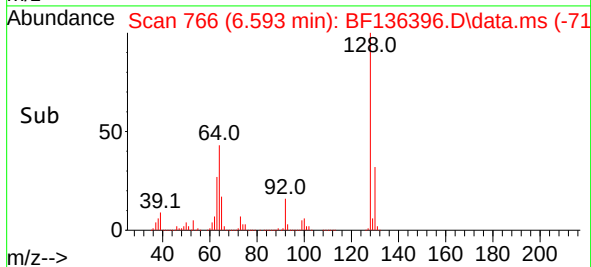
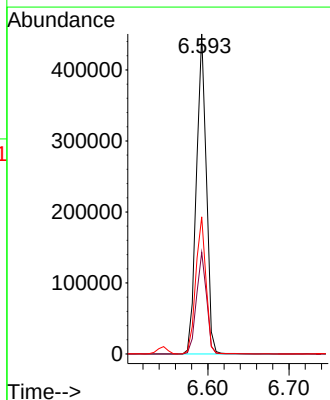
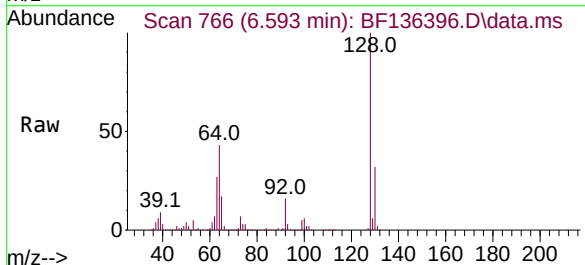
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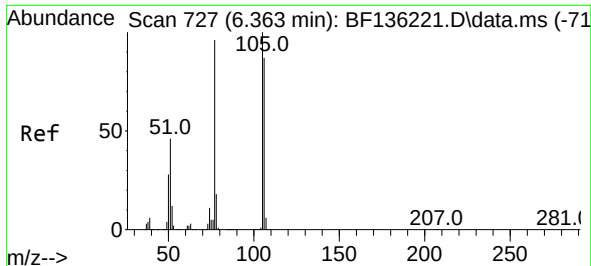
Tgt Ion: 99 Resp: 1028752
Ion Ratio Lower Upper
99 100
42 15.9 15.0 22.6
71 32.9 28.9 43.3



#8
2-Chlorophenol
Concen: 41.453 ng
RT: 6.593 min Scan# 766
Delta R.T. 0.000 min
Lab File: BF136396.D
Acq: 04 Dec 2023 22:44

Tgt Ion: 128 Resp: 385474
Ion Ratio Lower Upper
128 100
130 31.8 10.3 50.3
64 42.8 30.0 70.0

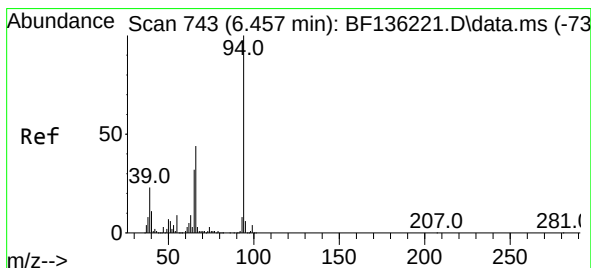
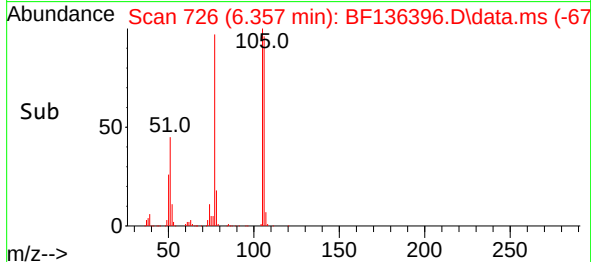
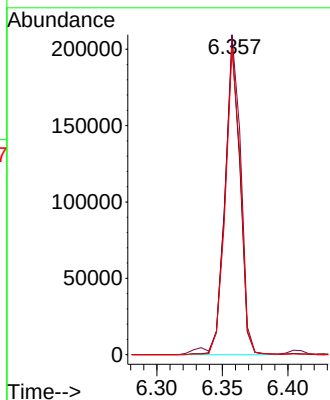
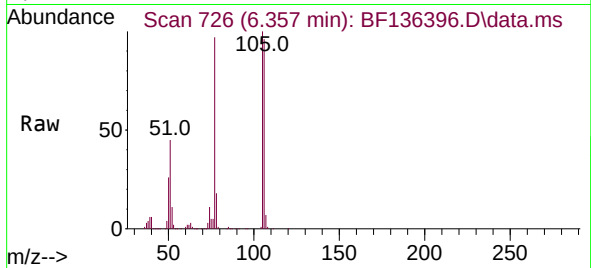




#9
Benzaldehyde
Concen: 27.263 ng
RT: 6.357 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF136396.D
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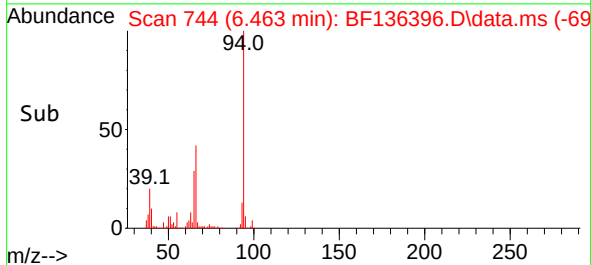
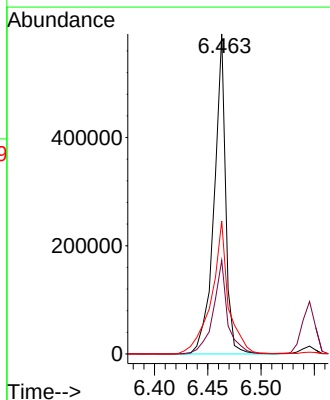
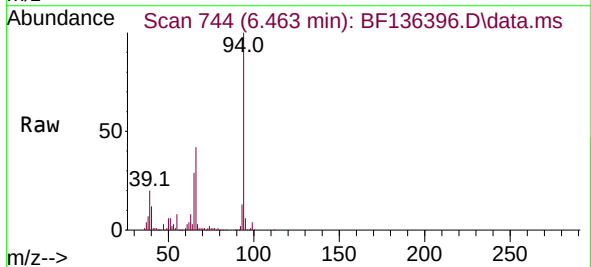
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ClientSampleId :

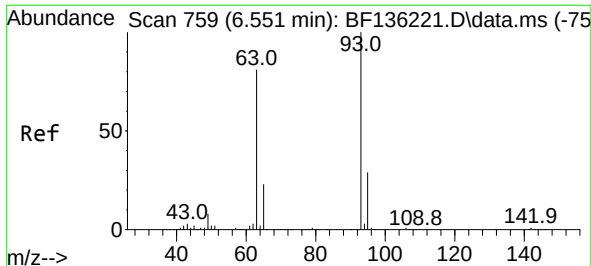
Tgt Ion: 77 Resp: 162261
Ion Ratio Lower Upper
77 100
105 102.7 84.3 124.3
106 98.3 71.0 111.0



#10
Phenol
Concen: 38.836 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF136396.D
Acq: 04 Dec 2023 22:44

Tgt Ion: 94 Resp: 444919
Ion Ratio Lower Upper
94 100
65 29.3 12.5 52.5
66 41.6 24.1 64.1





#11

bis(2-Chloroethyl)ether

Concen: 42.286 ng

RT: 6.545 min Scan# 71

Delta R.T. 0.000 min

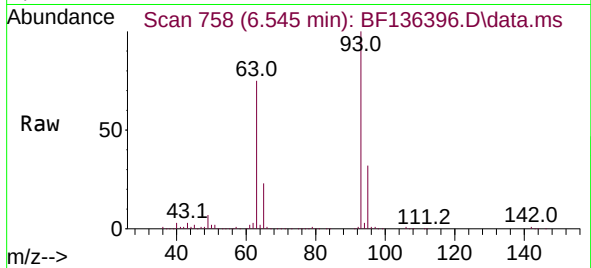
Lab File: BF136396.D

Acq: 04 Dec 2023 22:44

Instrument :

BNA_F

ClientSampleId :



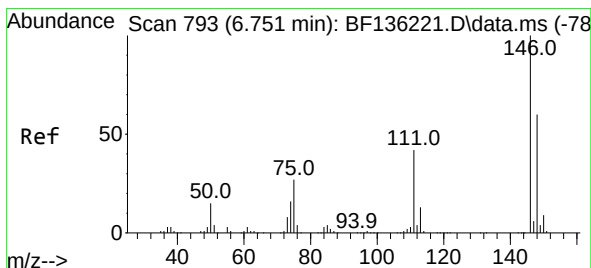
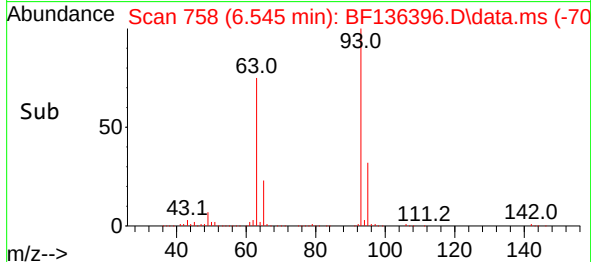
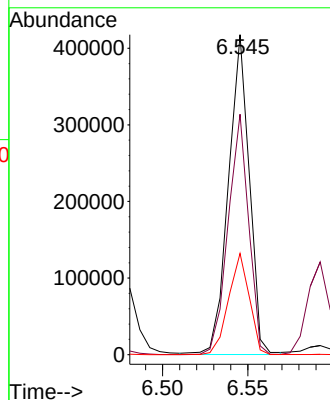
Tgt Ion: 93 Resp: 355389

Ion Ratio Lower Upper

93 100

63 75.1 60.2 100.2

95 31.6 9.1 49.1



#12

1,3-Dichlorobenzene

Concen: 38.262 ng

RT: 6.745 min Scan# 792

Delta R.T. 0.000 min

Lab File: BF136396.D

Acq: 04 Dec 2023 22:44

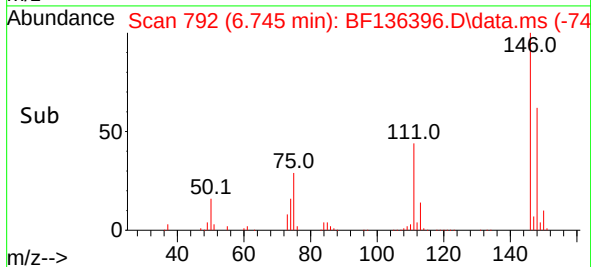
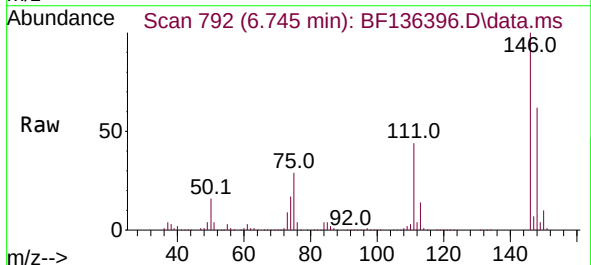
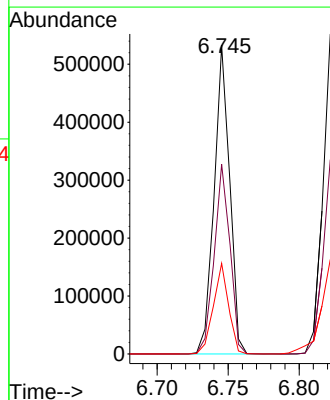
Tgt Ion: 146 Resp: 403780

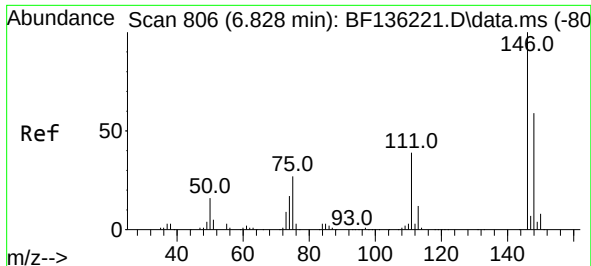
Ion Ratio Lower Upper

146 100

148 61.5 47.8 71.6

75 29.4 22.0 33.0





#13

1,4-Dichlorobenzene

Concen: 38.899 ng

RT: 6.822 min Scan# 806

Delta R.T. 0.000 min

Lab File: BF136396.D

Acq: 04 Dec 2023 22:44

Instrument :

BNA_F

ClientSampleId :

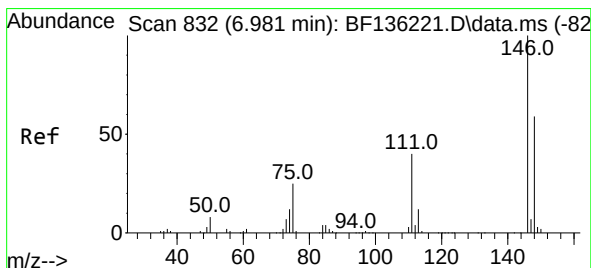
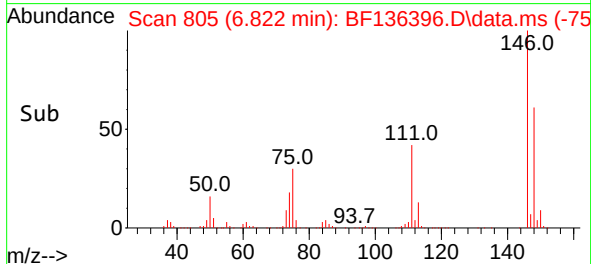
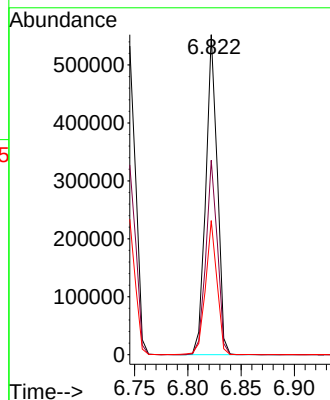
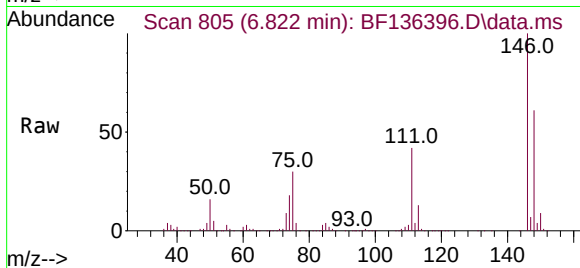
Tgt Ion:146 Resp: 417310

Ion Ratio Lower Upper

146 100

148 60.7 47.0 70.6

111 41.9 31.5 47.3



#14

1,2-Dichlorobenzene

Concen: 38.303 ng

RT: 6.975 min Scan# 831

Delta R.T. 0.000 min

Lab File: BF136396.D

Acq: 04 Dec 2023 22:44

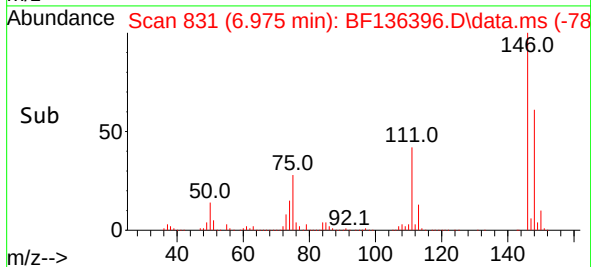
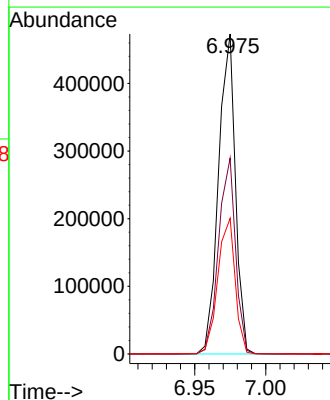
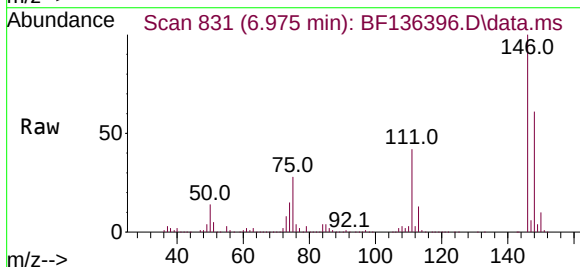
Tgt Ion:146 Resp: 389018

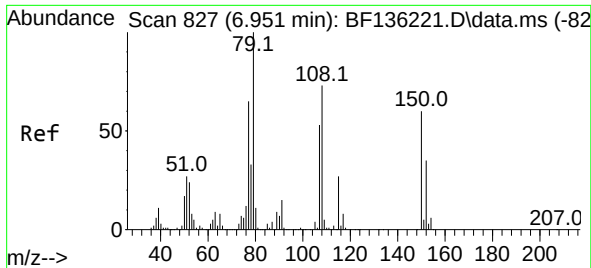
Ion Ratio Lower Upper

146 100

148 61.2 47.3 70.9

111 42.4 32.4 48.6

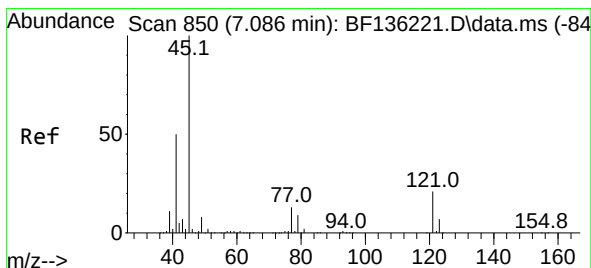
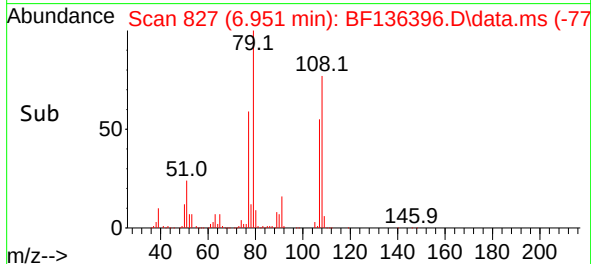
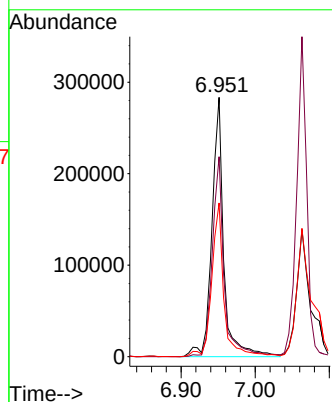
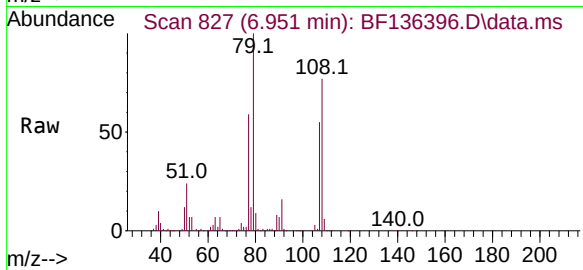




#15
Benzyl Alcohol
Concen: 41.948 ng
RT: 6.951 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136396.D
Acq: 04 Dec 2023 22:44

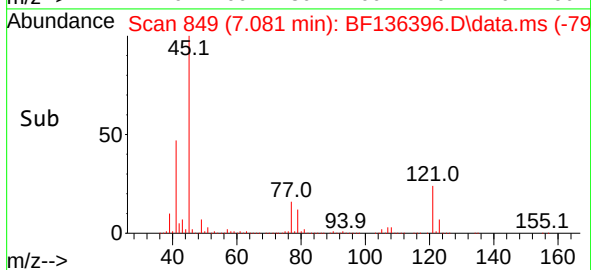
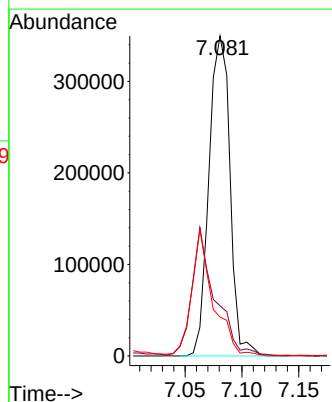
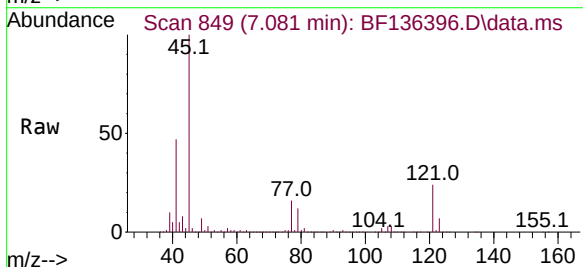
Instrument :
BNA_F
ClientSampleId :

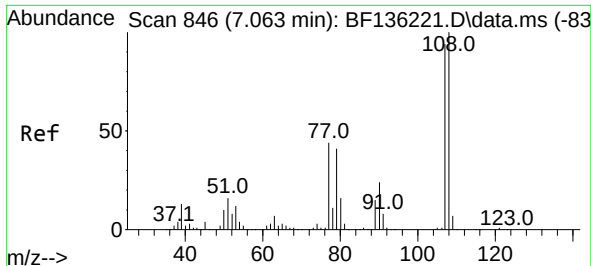
Tgt Ion: 79 Resp: 314062
Ion Ratio Lower Upper
79 100
108 77.1 58.1 87.1
77 59.3 51.8 77.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.557 ng
RT: 7.081 min Scan# 849
Delta R.T. 0.000 min
Lab File: BF136396.D
Acq: 04 Dec 2023 22:44

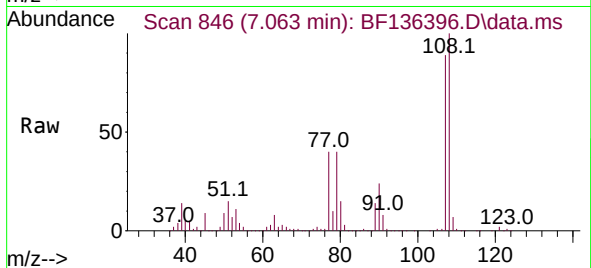
Tgt Ion: 45 Resp: 450110
Ion Ratio Lower Upper
45 100
77 15.6 0.0 34.0
79 12.2 0.0 30.1



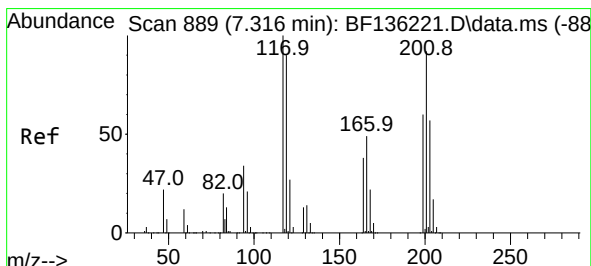
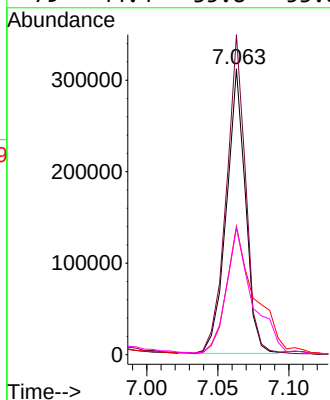
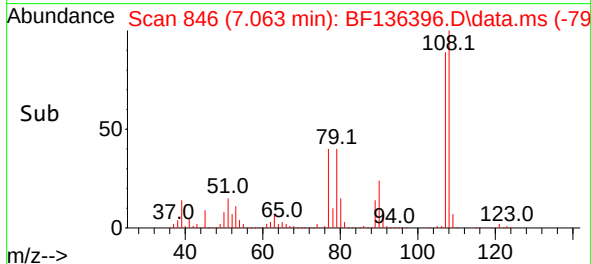


#17
2-Methylphenol
Concen: 39.646 ng
RT: 7.063 min Scan# 846
Delta R.T. 0.006 min
Lab File: BF136396.D
Acq: 04 Dec 2023 22:44

Instrument :
BNA_F
ClientSampleId :

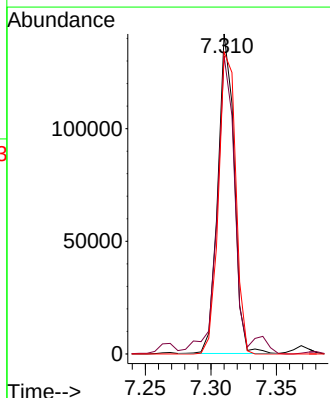
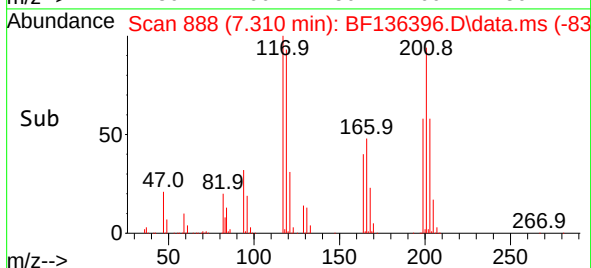
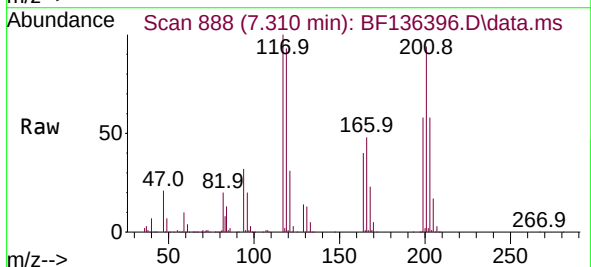


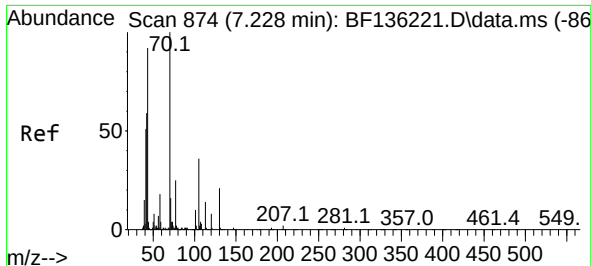
Tgt Ion:107 Resp: 289843
Ion Ratio Lower Upper
107 100
108 111.9 85.4 128.0
77 44.9 37.4 56.2
79 44.4 35.8 53.8



#18
Hexachloroethane
Concen: 32.628 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF136396.D
Acq: 04 Dec 2023 22:44

Tgt Ion:117 Resp: 122777
Ion Ratio Lower Upper
117 100
119 93.1 71.6 107.4
201 94.3 73.4 110.2

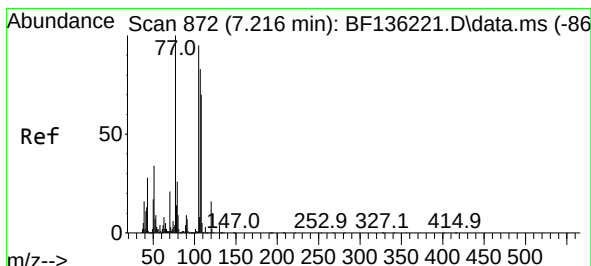
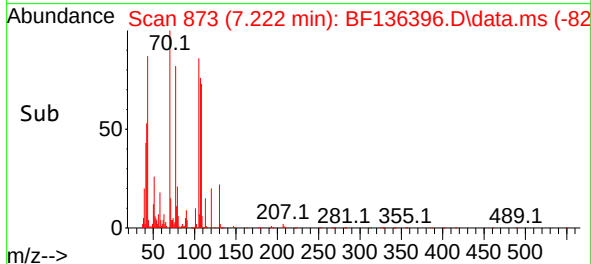
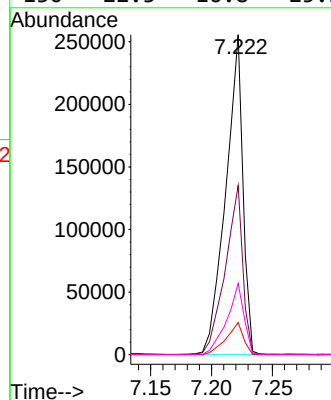
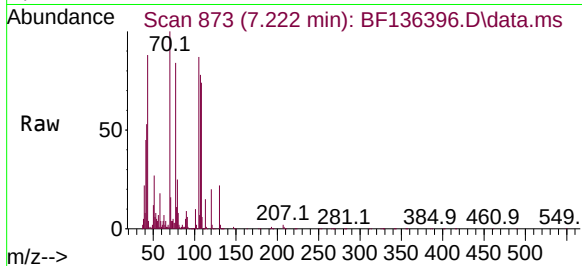




#19
n-Nitroso-di-n-propylamine
Concen: 39.185 ng
RT: 7.222 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136396.D
Acq: 04 Dec 2023 22:44

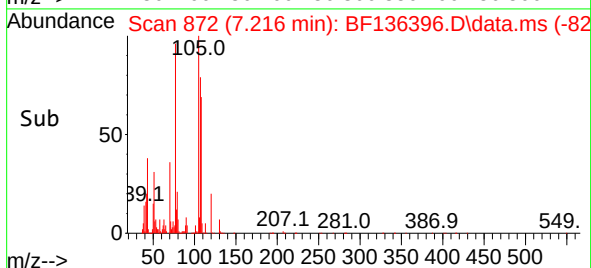
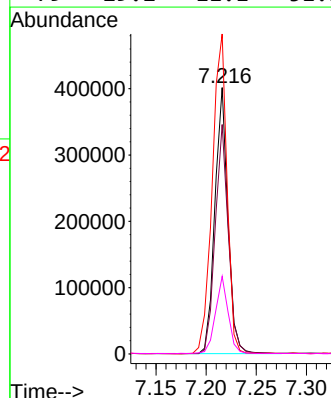
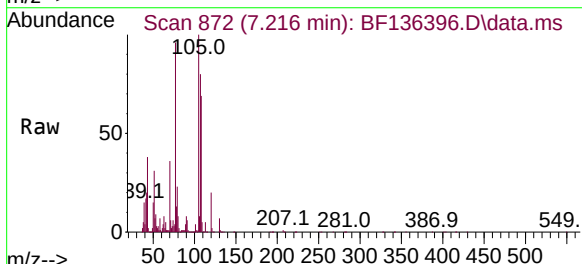
Instrument :
BNA_F
ClientSampleId :

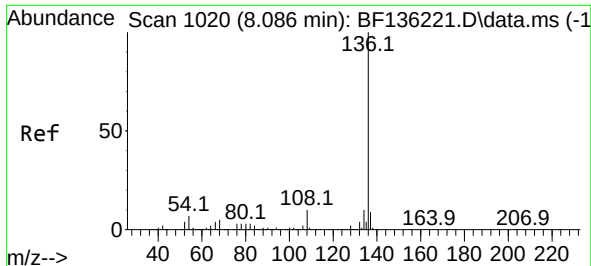
Tgt Ion: 70 Resp: 250263
Ion Ratio Lower Upper
70 100
42 52.8 47.0 70.4
101 10.1 7.8 11.8
130 22.3 16.8 25.2



#20
3+4-Methylphenols
Concen: 38.183 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF136396.D
Acq: 04 Dec 2023 22:44

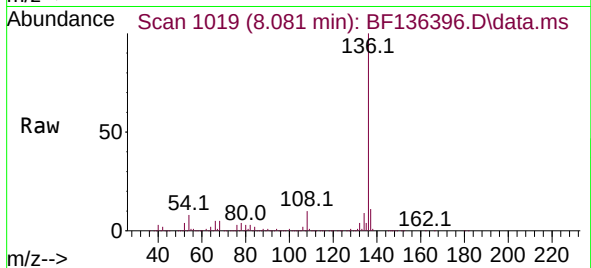
Tgt Ion:107 Resp: 362789
Ion Ratio Lower Upper
107 100
108 86.1 63.9 103.9
77 120.1 100.2 140.2
79 29.2 11.1 51.1



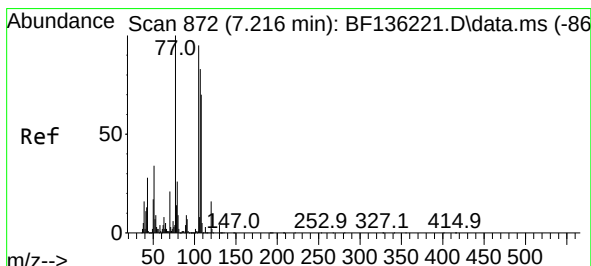
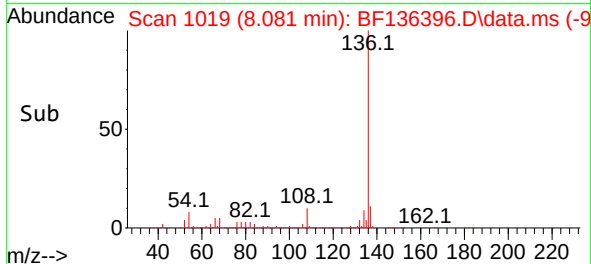
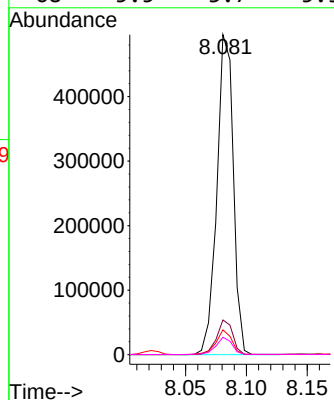


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BF136396.D
Acq: 04 Dec 2023 22:44

Instrument :
BNA_F
ClientSampleId :

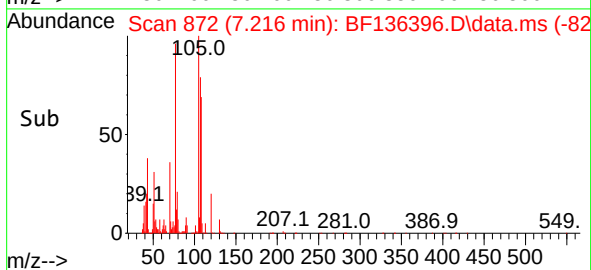
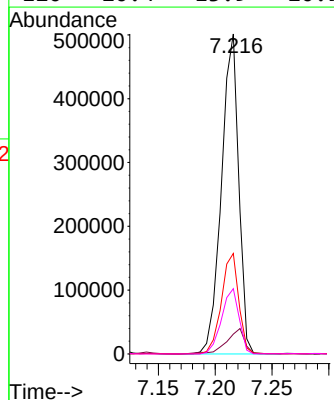
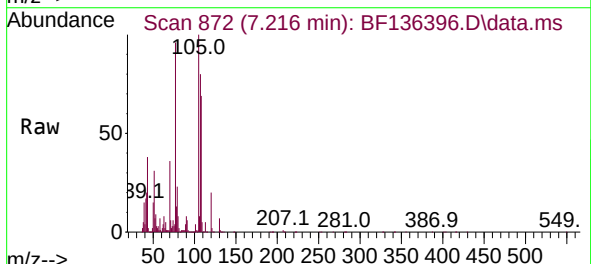


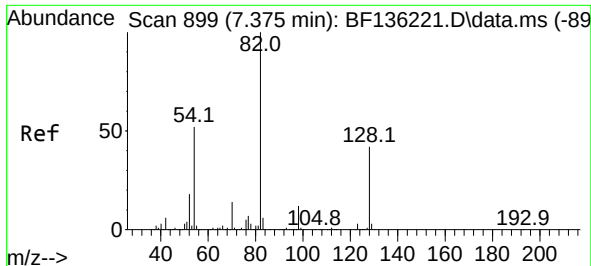
Tgt Ion:136 Resp: 468345
Ion Ratio Lower Upper
136 100
137 10.9 7.4 11.2
54 7.7 5.5 8.3
68 5.5 3.7 5.5



#22
Acetophenone
Concen: 43.097 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF136396.D
Acq: 04 Dec 2023 22:44

Tgt Ion:105 Resp: 530106
Ion Ratio Lower Upper
105 100
71 6.2 2.8 4.2#
51 31.4 29.0 43.6
120 20.4 13.9 20.9





#23

Nitrobenzene-d5

Concen: 70.349 ng

RT: 7.369 min Scan# 899

Delta R.T. 0.000 min

Lab File: BF136396.D

Acq: 04 Dec 2023 22:44

Instrument :

BNA_F

ClientSampleId :

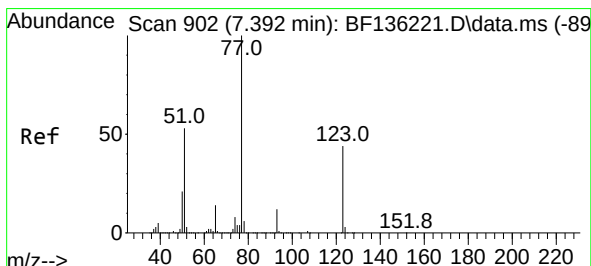
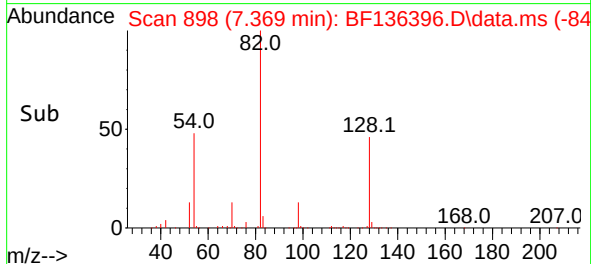
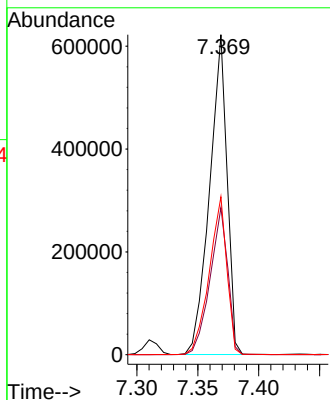
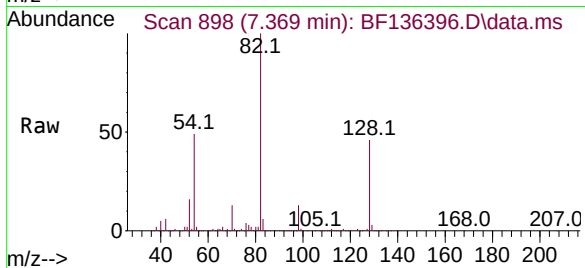
Tgt Ion: 82 Resp: 623493

Ion Ratio Lower Upper

82 100

128 45.9 33.4 50.2

54 49.4 41.7 62.5



#24

Nitrobenzene

Concen: 40.241 ng

RT: 7.387 min Scan# 901

Delta R.T. 0.000 min

Lab File: BF136396.D

Acq: 04 Dec 2023 22:44

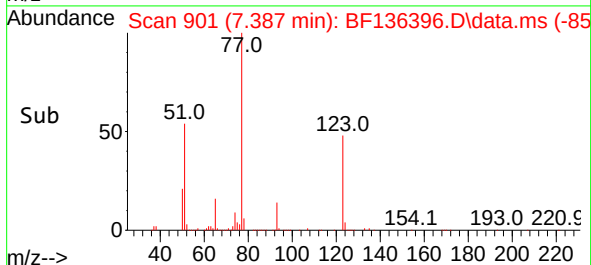
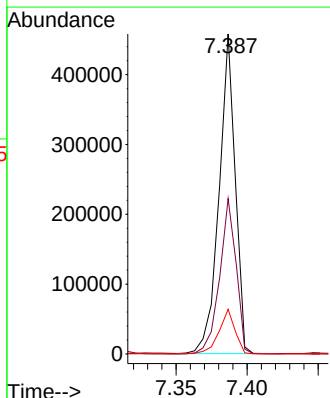
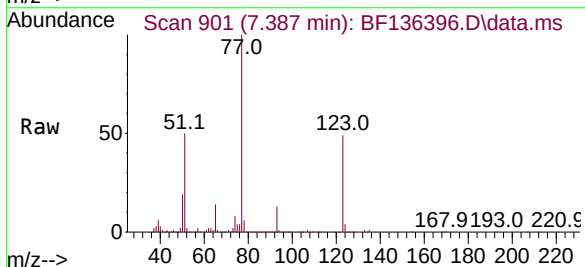
Tgt Ion: 77 Resp: 361425

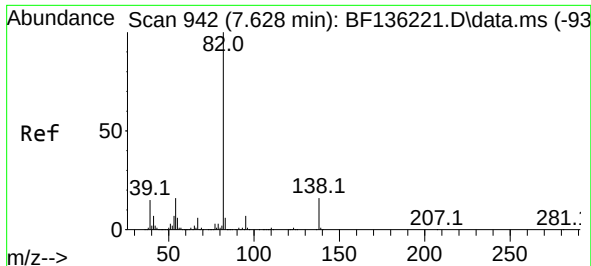
Ion Ratio Lower Upper

77 100

123 48.5 35.4 53.2

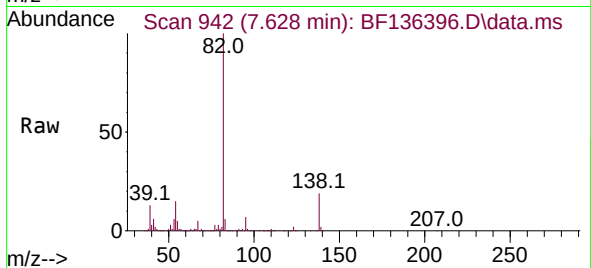
65 14.0 11.0 16.6



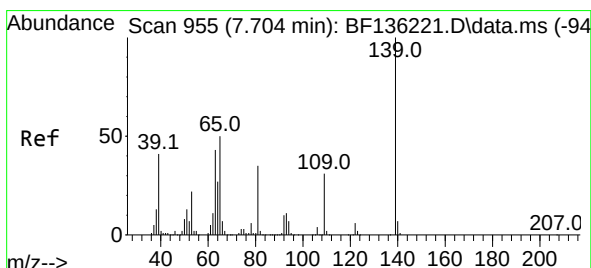
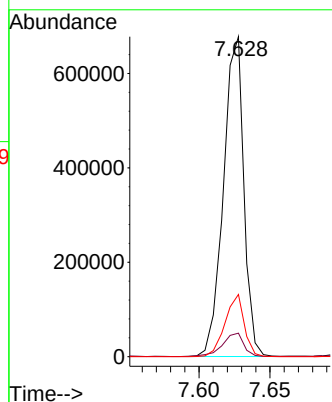
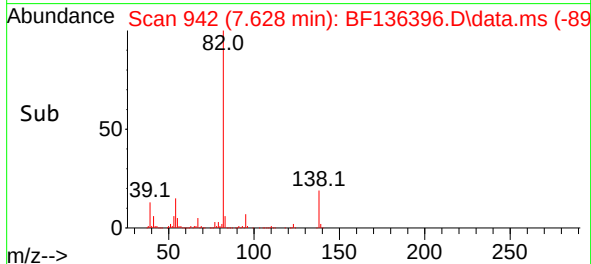


#25
Isophorone
Concen: 42.350 ng
RT: 7.628 min Scan# 942
Delta R.T. 0.000 min
Lab File: BF136396.D
Acq: 04 Dec 2023 22:44

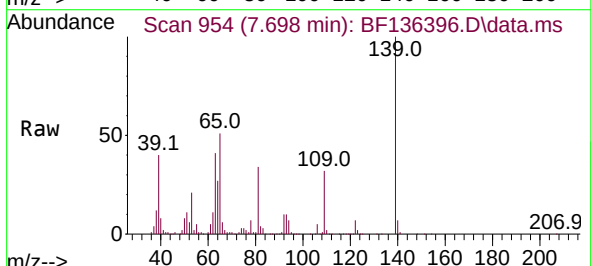
Instrument :
BNA_F
ClientSampleId :



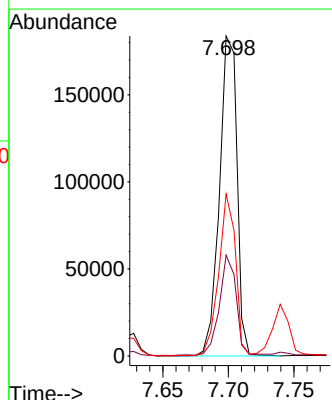
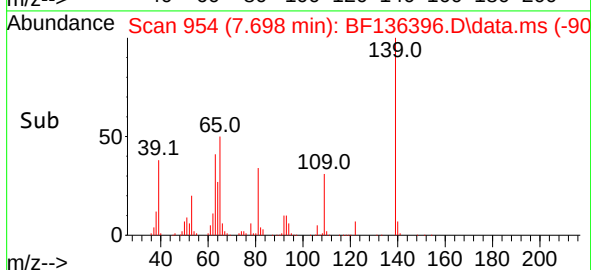
Tgt Ion: 82 Resp: 676796
Ion Ratio Lower Upper
82 100
95 7.4 5.5 8.3
138 19.5 12.8 19.2#

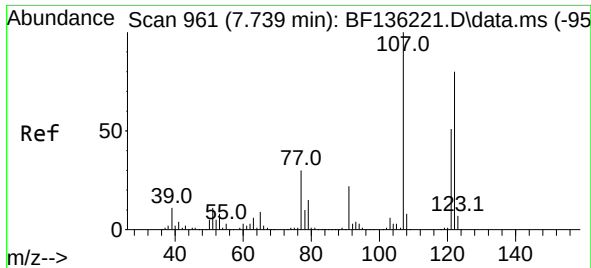


#26
2-Nitrophenol
Concen: 44.663 ng
RT: 7.698 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF136396.D
Acq: 04 Dec 2023 22:44



Tgt Ion: 139 Resp: 170917
Ion Ratio Lower Upper
139 100
109 31.5 25.0 37.6
65 50.6 40.4 60.6

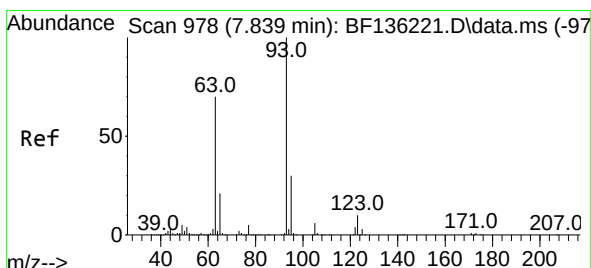
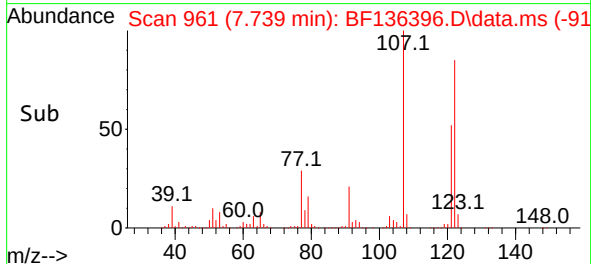
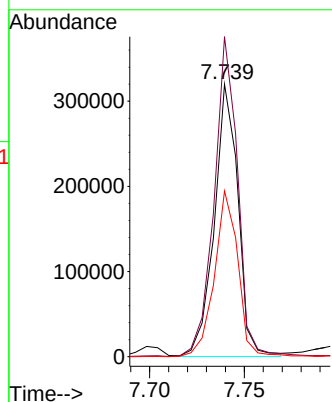
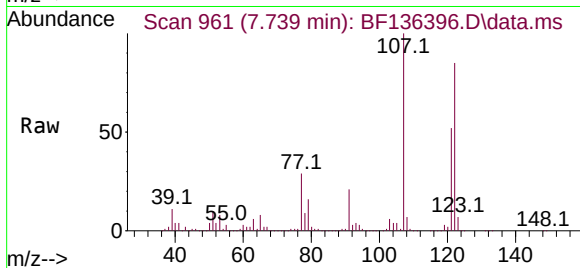




#27
2,4-Dimethylphenol
Concen: 55.309 ng
RT: 7.739 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF136396.D
Acq: 04 Dec 2023 22:44

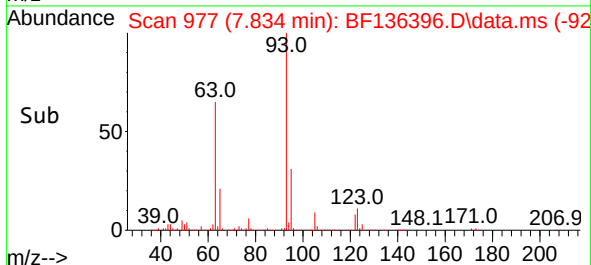
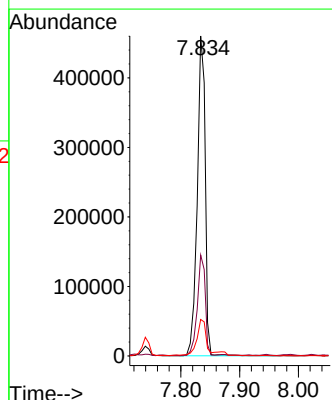
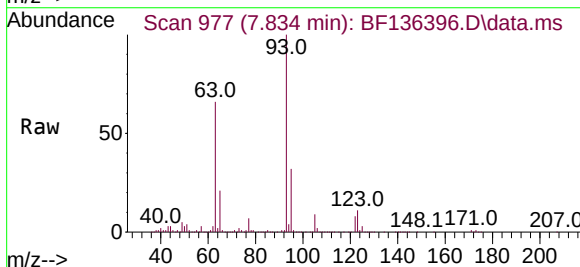
Instrument :
BNA_F
ClientSampleId :

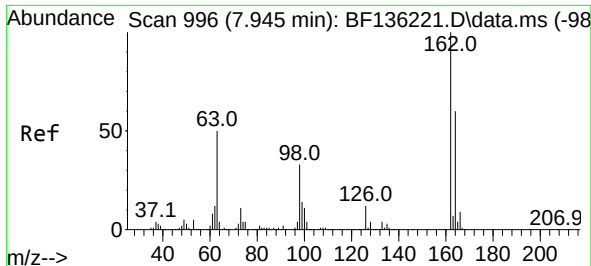
Tgt Ion:122 Resp: 278584
Ion Ratio Lower Upper
122 100
107 117.4 100.0 150.0
121 60.9 50.7 76.1



#28
bis(2-Chloroethoxy)methane
Concen: 44.686 ng
RT: 7.834 min Scan# 977
Delta R.T. 0.000 min
Lab File: BF136396.D
Acq: 04 Dec 2023 22:44

Tgt Ion: 93 Resp: 431964
Ion Ratio Lower Upper
93 100
95 31.6 23.8 35.6
123 11.4 8.2 12.4





#29

2,4-Dichlorophenol

Concen: 43.731 ng

RT: 7.945 min Scan# 996

Delta R.T. 0.006 min

Lab File: BF136396.D

Acq: 04 Dec 2023 22:44

Instrument :

BNA_F

ClientSampleId :

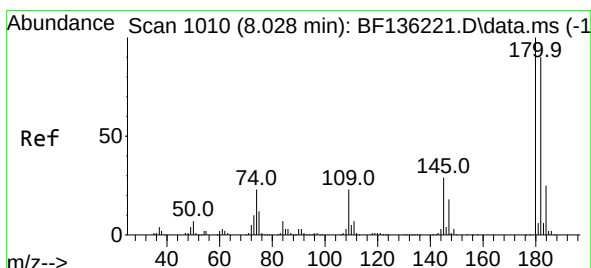
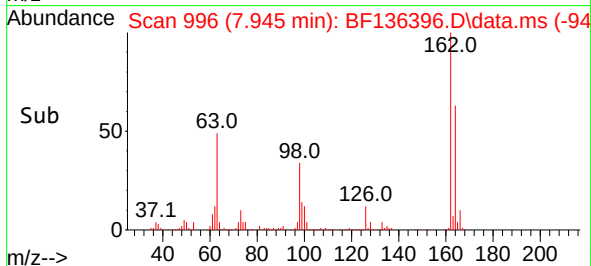
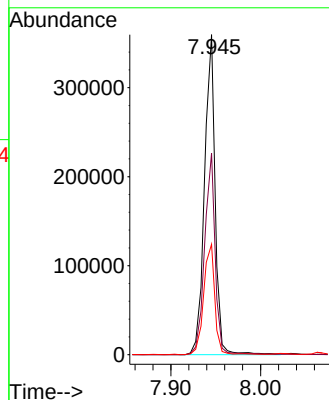
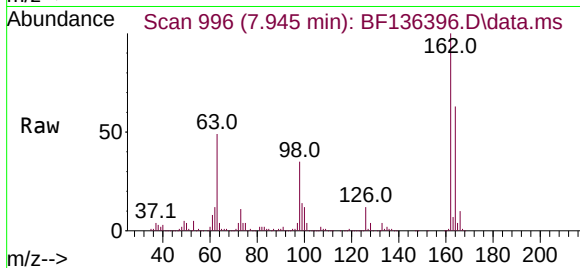
Tgt Ion:162 Resp: 297100

Ion Ratio Lower Upper

162 100

164 63.0 40.3 80.3

98 34.5 13.0 53.0



#30

1,2,4-Trichlorobenzene

Concen: 40.718 ng

RT: 8.022 min Scan# 1009

Delta R.T. 0.000 min

Lab File: BF136396.D

Acq: 04 Dec 2023 22:44

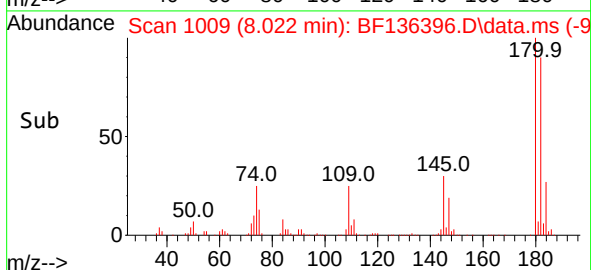
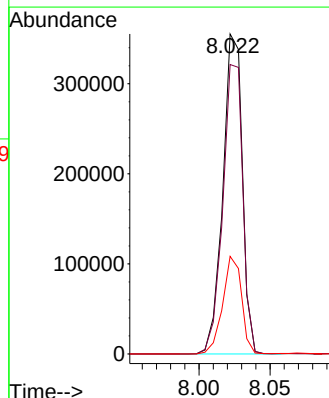
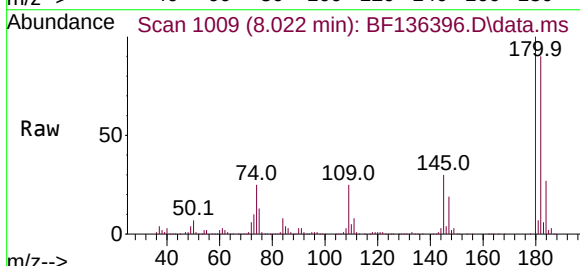
Tgt Ion:180 Resp: 338685

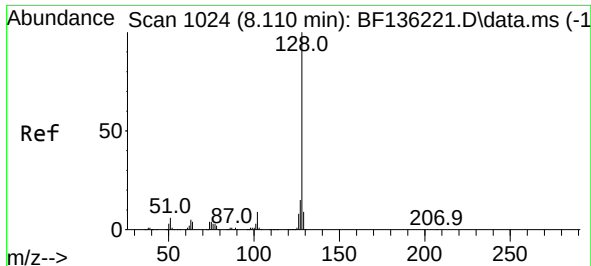
Ion Ratio Lower Upper

180 100

182 90.5 71.6 107.4

145 30.5 23.0 34.4

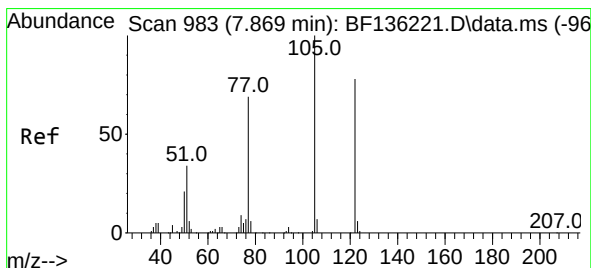
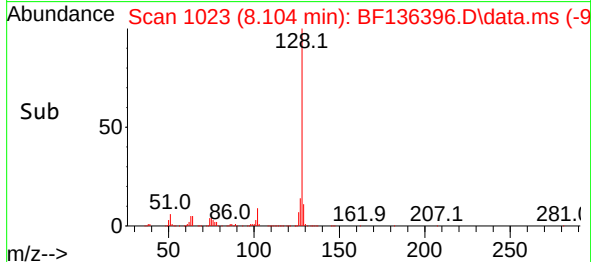
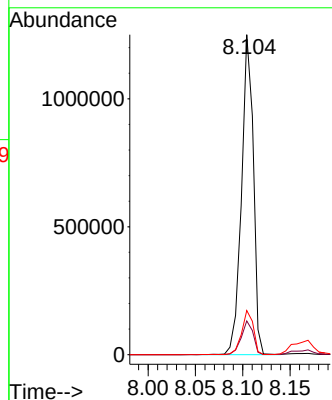
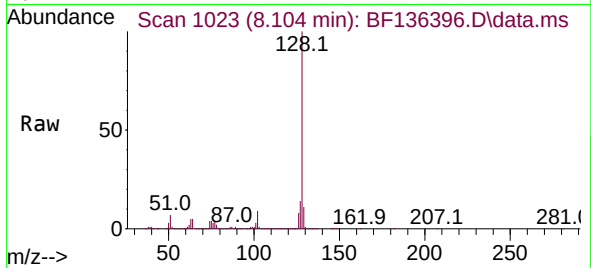




#31
Naphthalene
Concen: 41.109 ng
RT: 8.104 min Scan# 1024
Delta R.T. 0.000 min
Lab File: BF136396.D
Acq: 04 Dec 2023 22:44

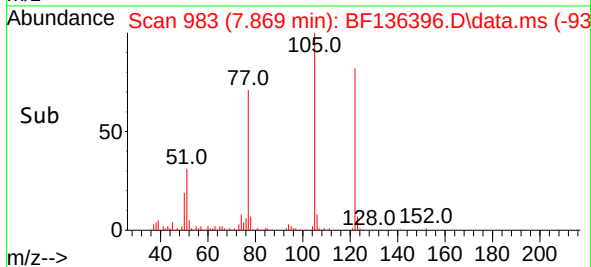
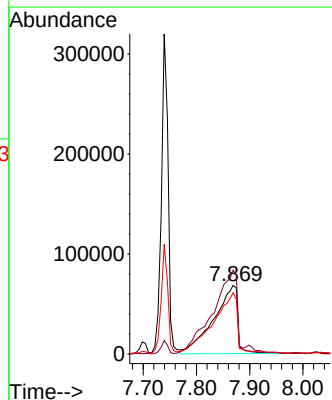
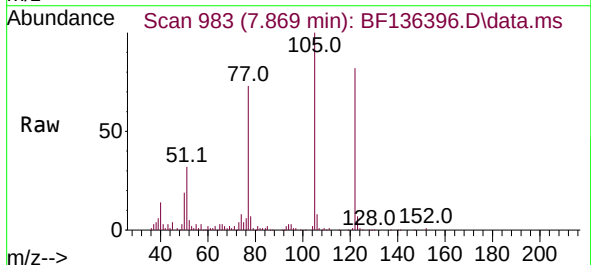
Instrument :
BNA_F
ClientSampleId :

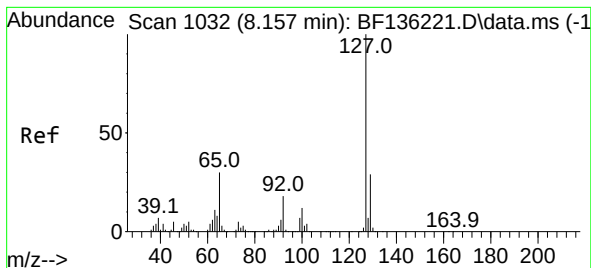
Tgt Ion:128 Resp: 1082192
Ion Ratio Lower Upper
128 100
129 10.5 7.3 10.9
127 13.8 11.8 17.6



#32
Benzoic acid
Concen: 46.706 ng
RT: 7.869 min Scan# 983
Delta R.T. 0.000 min
Lab File: BF136396.D
Acq: 04 Dec 2023 22:44

Tgt Ion:122 Resp: 214405
Ion Ratio Lower Upper
122 100
105 122.4 103.7 143.7
77 89.2 66.8 106.8





#33

4-Chloroaniline

Concen: 10.078 ng

RT: 8.169 min Scan# 1032

Delta R.T. 0.012 min

Lab File: BF136396.D

Acq: 04 Dec 2023 22:44

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:127 Resp: 90180

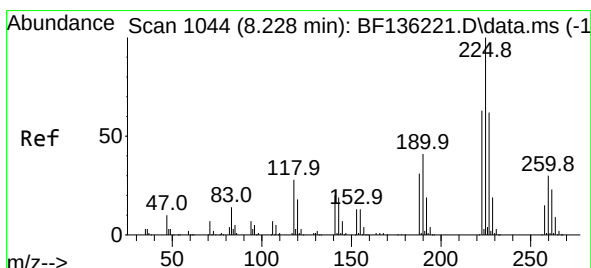
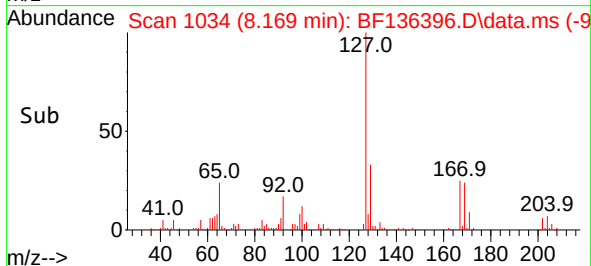
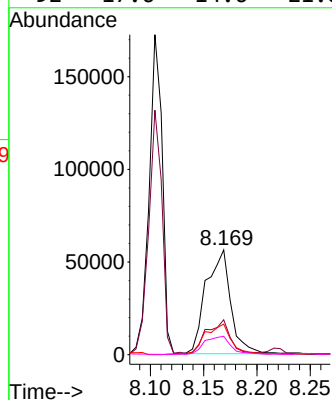
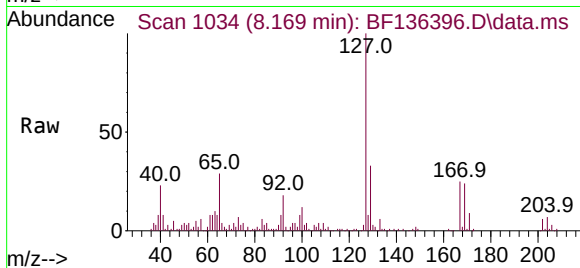
Ion Ratio Lower Upper

127 100

129 33.3 23.4 35.2

65 29.1 23.8 35.6

92 17.6 14.6 21.8



#34

Hexachlorobutadiene

Concen: 40.165 ng

RT: 8.222 min Scan# 1043

Delta R.T. 0.000 min

Lab File: BF136396.D

Acq: 04 Dec 2023 22:44

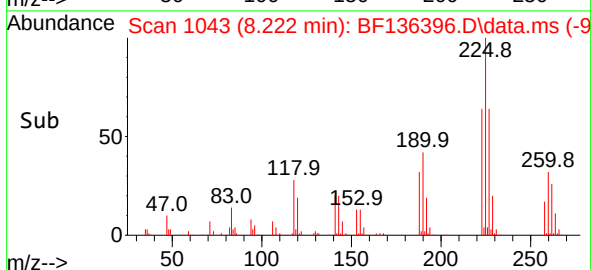
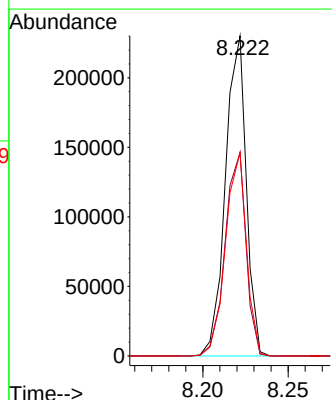
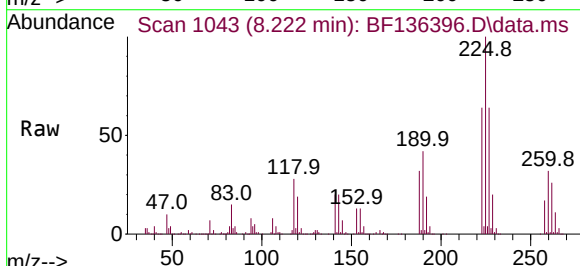
Tgt Ion:225 Resp: 195454

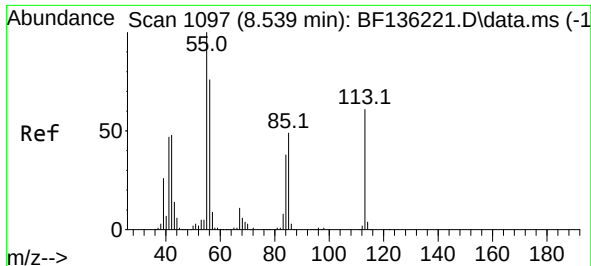
Ion Ratio Lower Upper

225 100

223 63.6 50.6 75.8

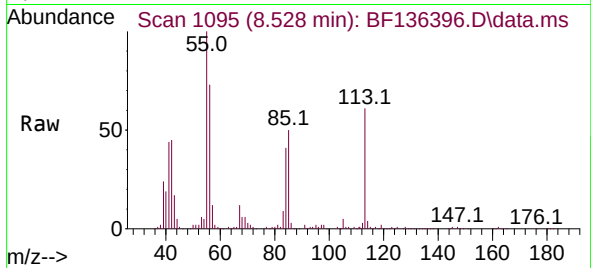
227 63.6 49.6 74.4



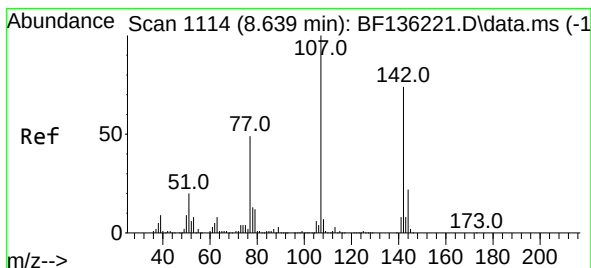
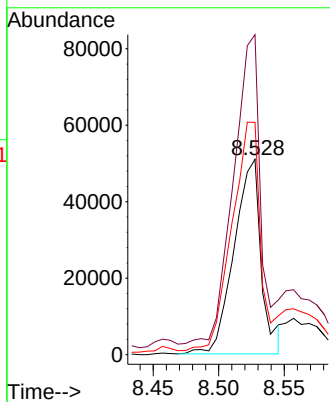
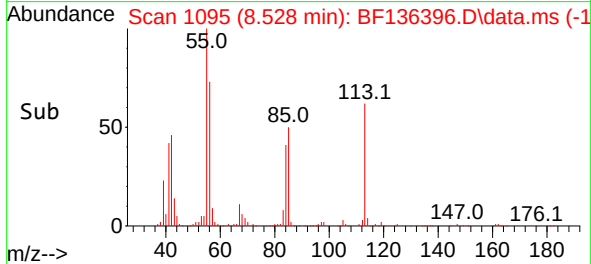


#35
 Caprolactam
 Concen: 38.747 ng
 RT: 8.528 min Scan# 1109
 Delta R.T. -0.012 min
 Lab File: BF136396.D
 Acq: 04 Dec 2023 22:44

Instrument :
 BNA_F
 ClientSampleId :

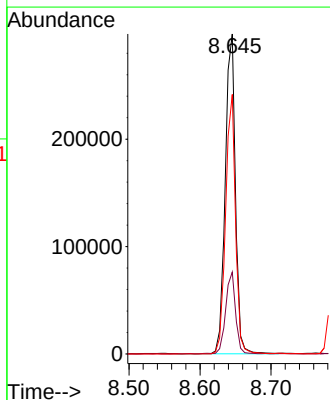
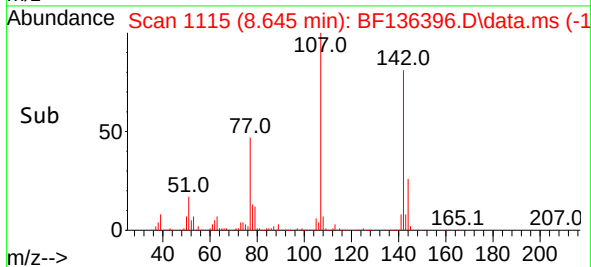
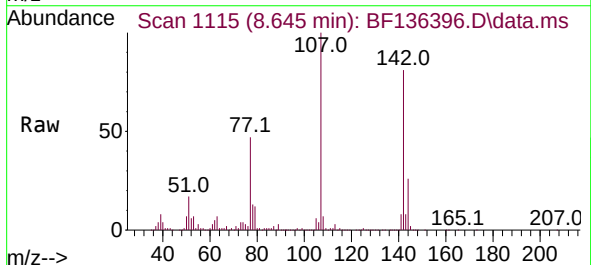


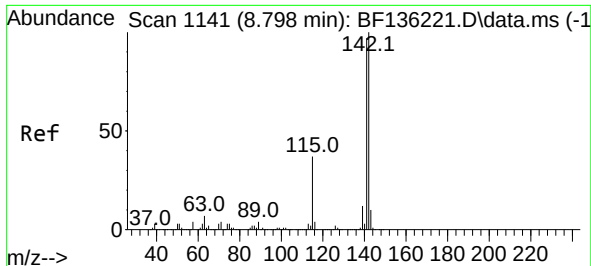
Tgt Ion:	113	Resp:	73589
Ion	Ratio	Lower	Upper
113	100		
55	163.8	143.1	183.1
56	119.0	103.6	143.6



#36
 4-Chloro-3-methylphenol
 Concen: 40.017 ng
 RT: 8.645 min Scan# 1115
 Delta R.T. 0.006 min
 Lab File: BF136396.D
 Acq: 04 Dec 2023 22:44

Tgt Ion:	107	Resp:	294864
Ion	Ratio	Lower	Upper
107	100		
144	25.6	17.8	26.8
142	81.1	59.4	89.0





#37

2-Methylnaphthalene

Concen: 40.074 ng

RT: 8.798 min Scan# 1141

Delta R.T. 0.006 min

Lab File: BF136396.D

Acq: 04 Dec 2023 22:44

Instrument :

BNA_F

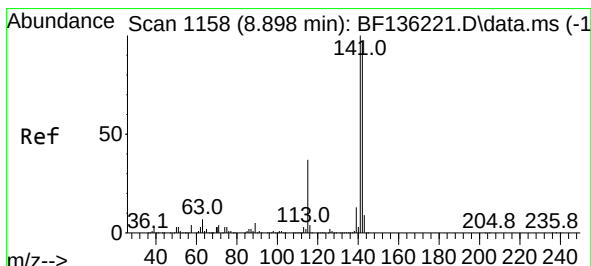
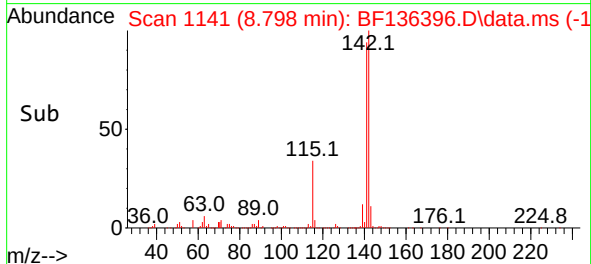
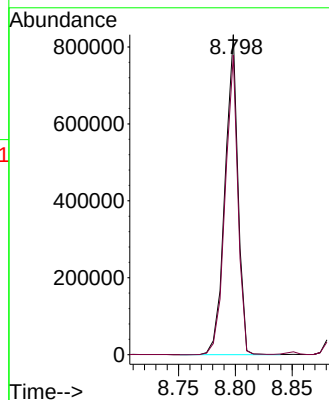
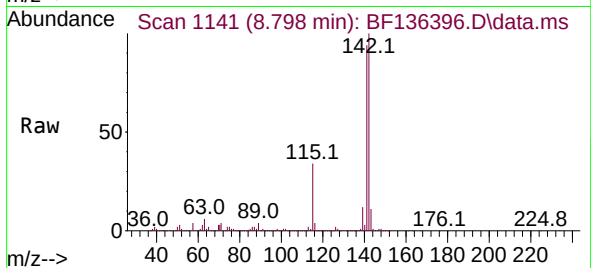
ClientSampleId :

Tgt Ion:142 Resp: 661757

Ion Ratio Lower Upper

142 100

141 93.6 77.8 116.8



#38

1-Methylnaphthalene

Concen: 39.022 ng

RT: 8.898 min Scan# 1158

Delta R.T. 0.006 min

Lab File: BF136396.D

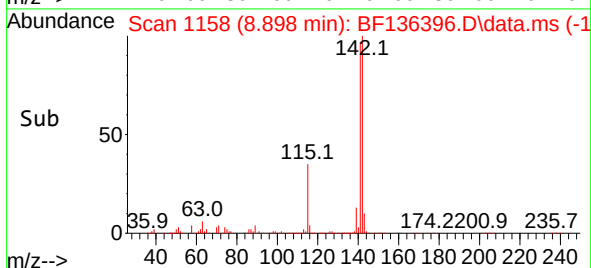
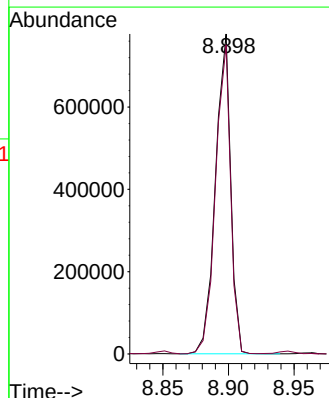
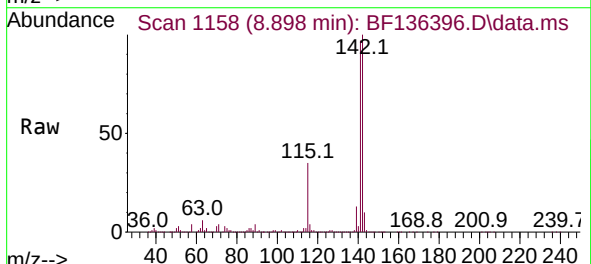
Acq: 04 Dec 2023 22:44

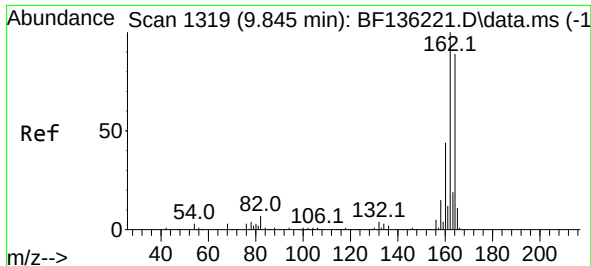
Tgt Ion:142 Resp: 628600

Ion Ratio Lower Upper

142 100

141 96.6 83.8 125.6

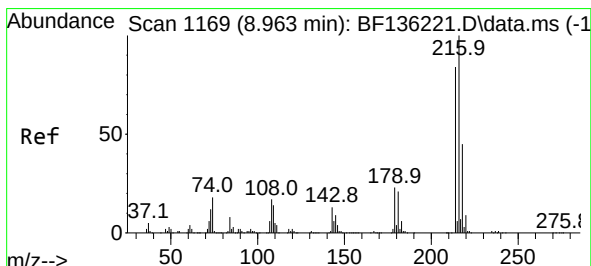
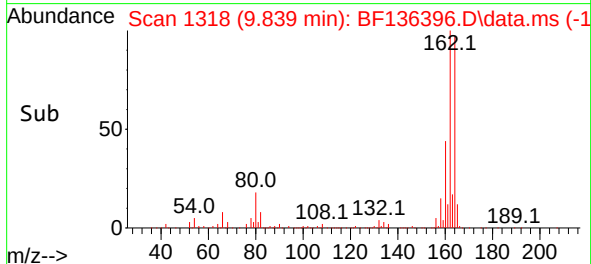
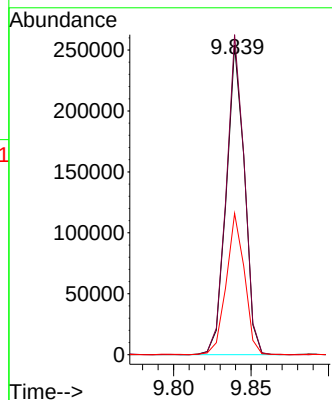
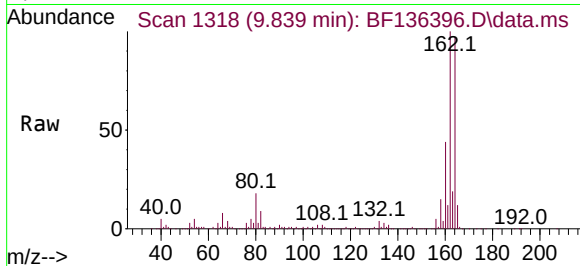




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1118
Delta R.T. 0.000 min
Lab File: BF136396.D
Acq: 04 Dec 2023 22:44

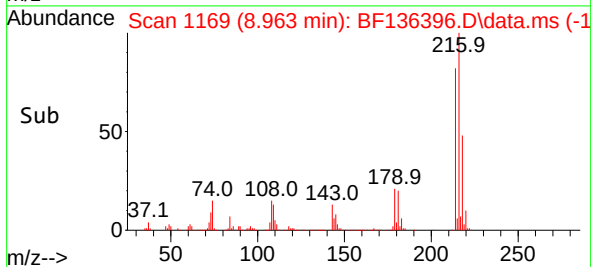
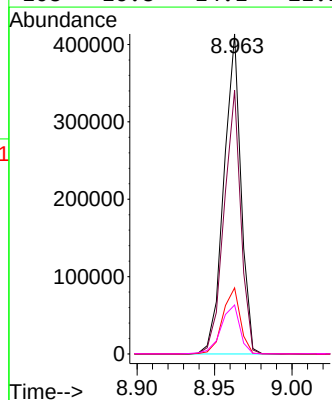
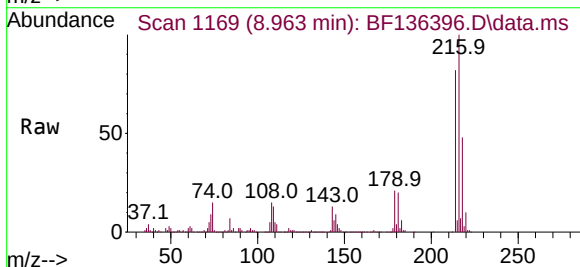
Instrument :
BNA_F
ClientSampleId :

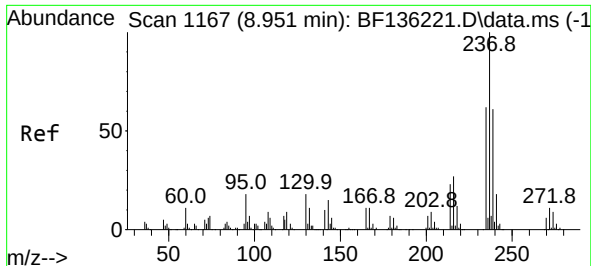
Tgt Ion:164 Resp: 207532
Ion Ratio Lower Upper
164 100
162 103.4 89.5 134.3
160 45.6 39.6 59.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.082 ng
RT: 8.963 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF136396.D
Acq: 04 Dec 2023 22:44

Tgt Ion:216 Resp: 317568
Ion Ratio Lower Upper
216 100
214 80.5 65.8 98.8
179 21.4 17.4 26.0
108 16.8 14.1 21.1

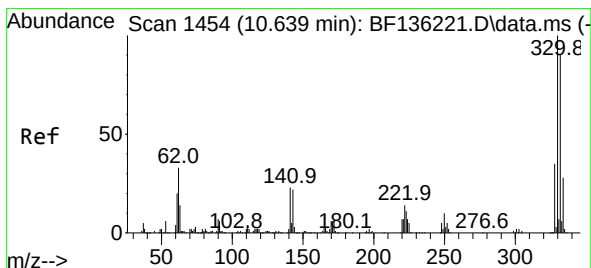
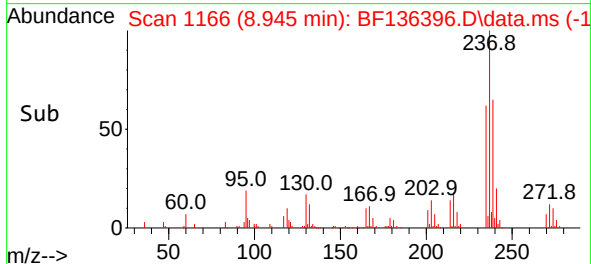
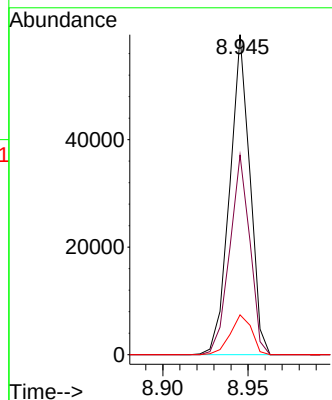
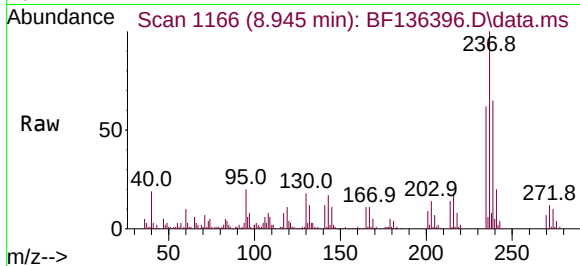




#41
Hexachlorocyclopentadiene
Concen: 19.222 ng
RT: 8.945 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF136396.D
Acq: 04 Dec 2023 22:44

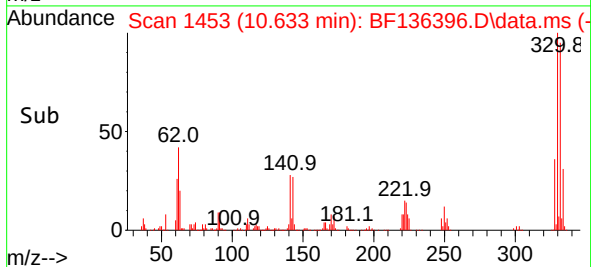
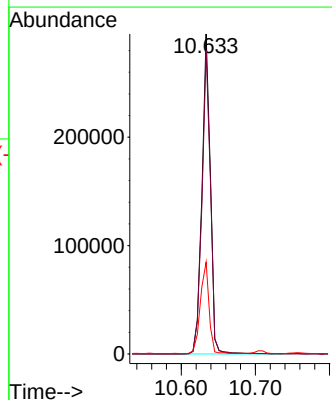
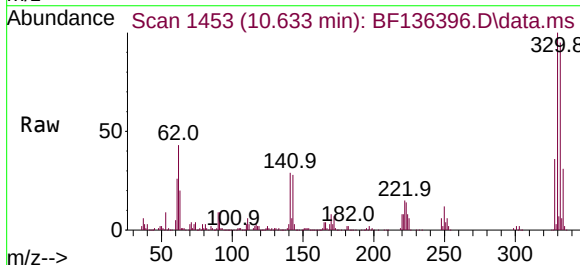
Instrument :
BNA_F
ClientSampleId :

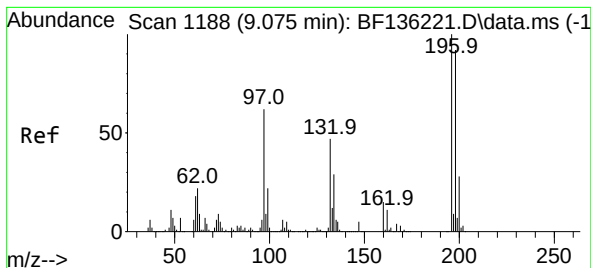
Tgt Ion:237 Resp: 48850
Ion Ratio Lower Upper
237 100
235 62.4 42.1 82.1
272 12.5 0.0 31.0



#42
2,4,6-Tribromophenol
Concen: 92.420 ng
RT: 10.633 min Scan# 1453
Delta R.T. 0.000 min
Lab File: BF136396.D
Acq: 04 Dec 2023 22:44

Tgt Ion:330 Resp: 234493
Ion Ratio Lower Upper
330 100
332 94.9 73.0 109.6
141 29.4 24.2 36.2





#43

2,4,6-Trichlorophenol

Concen: 45.222 ng

RT: 9.075 min Scan# 1188

Delta R.T. 0.000 min

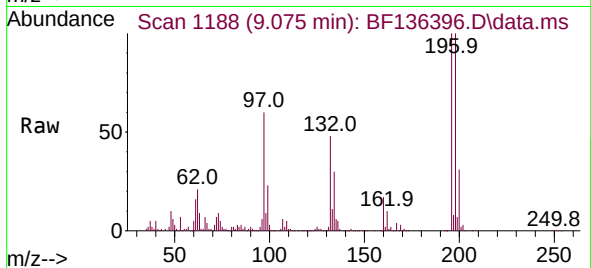
Lab File: BF136396.D

Acq: 04 Dec 2023 22:44

Instrument :

BNA_F

ClientSampleId :



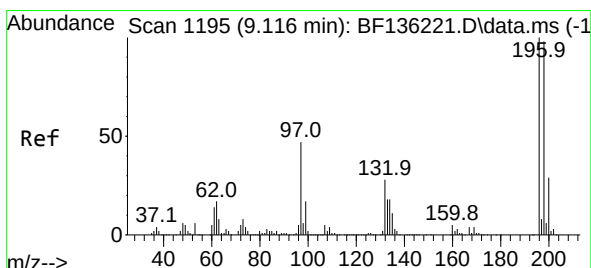
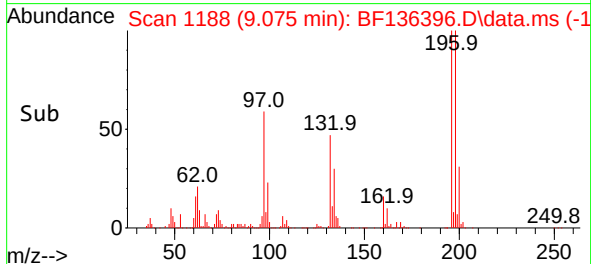
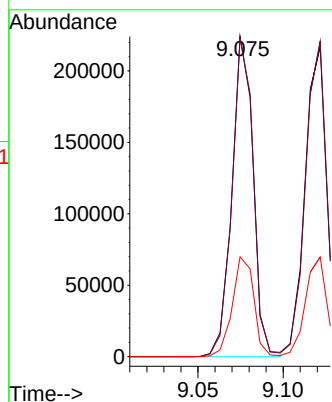
Tgt Ion:196 Resp: 193865

Ion Ratio Lower Upper

196 100

198 99.7 73.2 109.8

200 31.2 22.4 33.6



#44

2,4,5-Trichlorophenol

Concen: 42.250 ng

RT: 9.122 min Scan# 1196

Delta R.T. 0.006 min

Lab File: BF136396.D

Acq: 04 Dec 2023 22:44

Tgt Ion:196 Resp: 197656

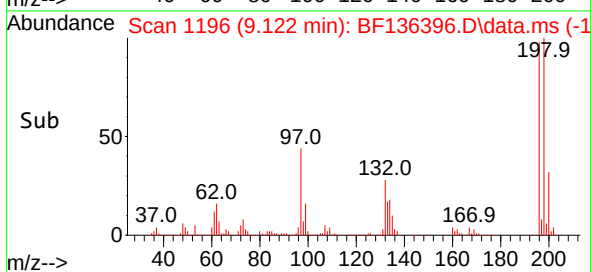
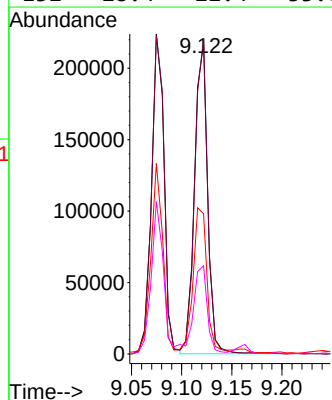
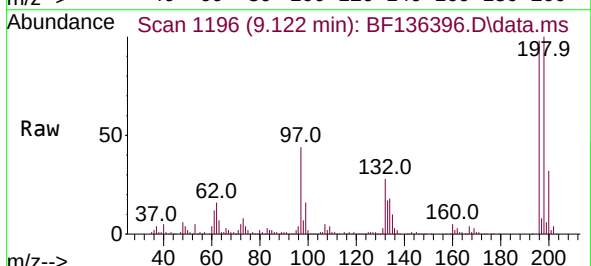
Ion Ratio Lower Upper

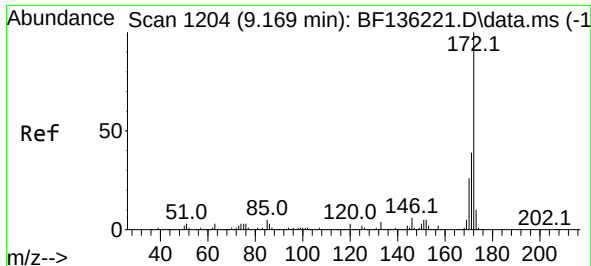
196 100

198 101.6 78.8 118.2

97 45.2 37.8 56.8

132 28.4 22.4 33.6





#45

2-Fluorobiphenyl

Concen: 74.972 ng

RT: 9.163 min Scan# 1203

Delta R.T. 0.000 min

Lab File: BF136396.D

Acq: 04 Dec 2023 22:44

Instrument :

BNA_F

ClientSampleId :

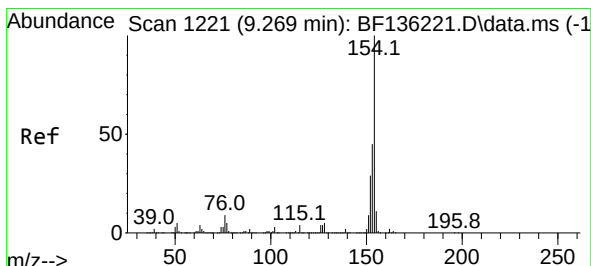
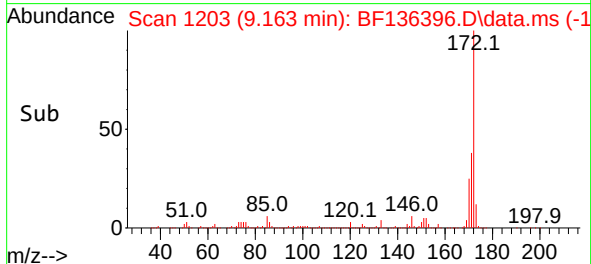
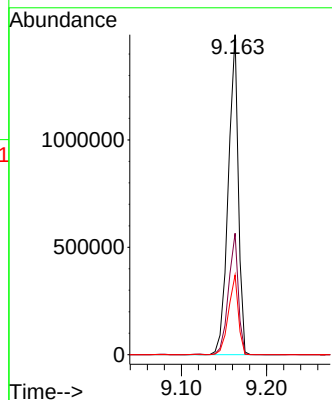
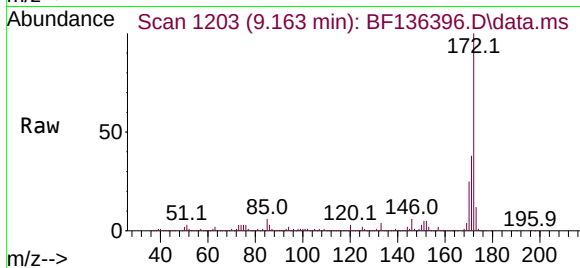
Tgt Ion:172 Resp: 1218117

Ion Ratio Lower Upper

172 100

171 38.0 31.5 47.3

170 24.9 20.8 31.2



#46

1,1'-Biphenyl

Concen: 46.231 ng

RT: 9.263 min Scan# 1220

Delta R.T. 0.000 min

Lab File: BF136396.D

Acq: 04 Dec 2023 22:44

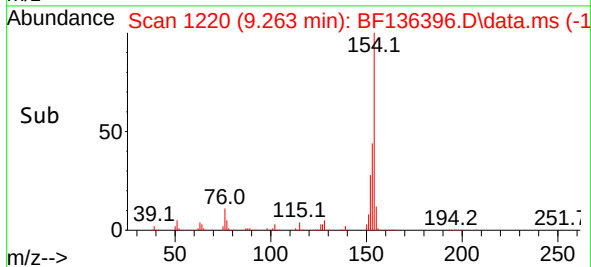
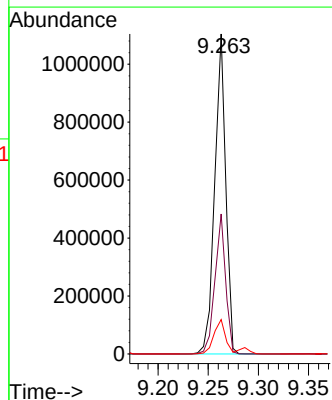
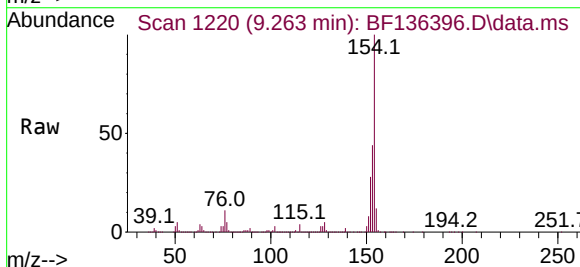
Tgt Ion:154 Resp: 846081

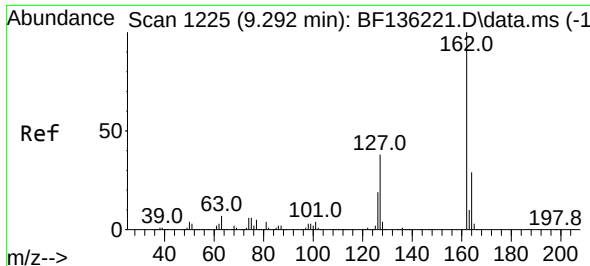
Ion Ratio Lower Upper

154 100

153 43.8 24.6 64.6

76 10.8 0.0 29.4





#47

2-Chloronaphthalene

Concen: 42.495 ng

RT: 9.286 min Scan# 1224

Delta R.T. 0.000 min

Lab File: BF136396.D

Acq: 04 Dec 2023 22:44

Instrument :

BNA_F

ClientSampleId :

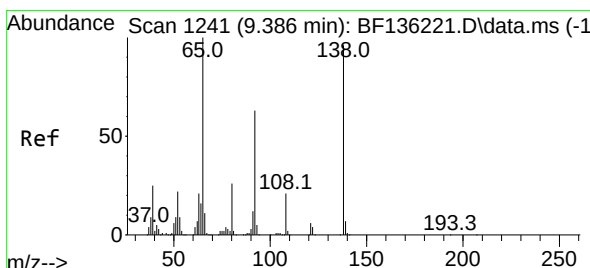
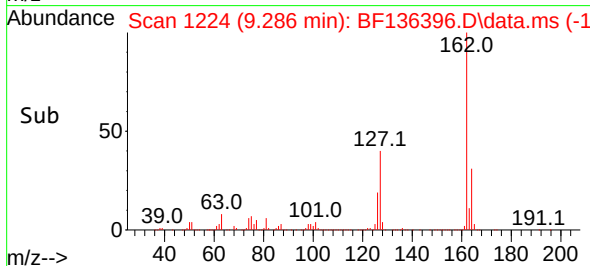
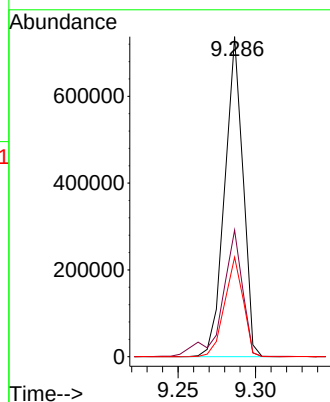
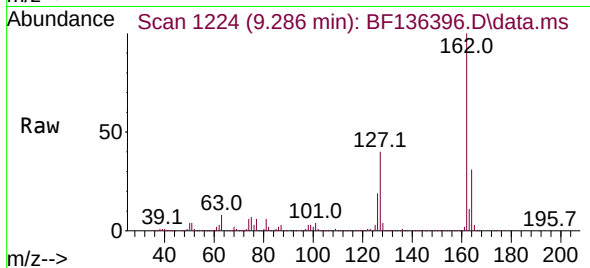
Tgt Ion:162 Resp: 603950

Ion Ratio Lower Upper

162 100

127 39.6 30.2 45.2

164 31.1 22.8 34.2



#48

2-Nitroaniline

Concen: 46.253 ng

RT: 9.386 min Scan# 1241

Delta R.T. 0.000 min

Lab File: BF136396.D

Acq: 04 Dec 2023 22:44

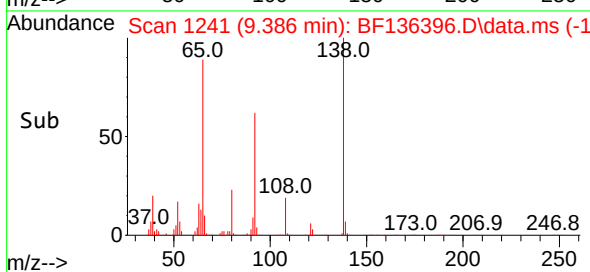
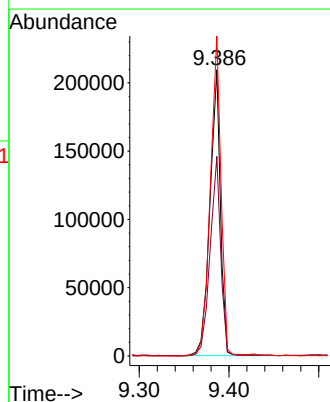
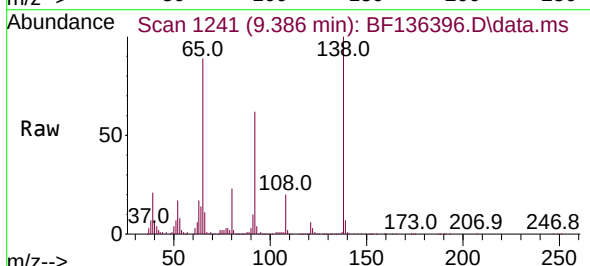
Tgt Ion: 65 Resp: 171629

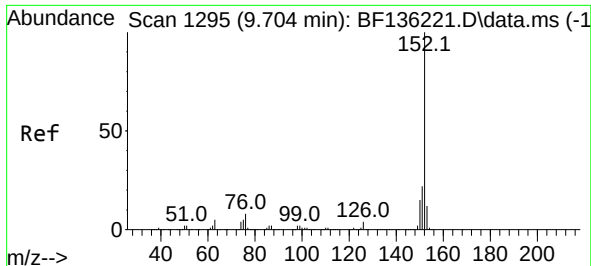
Ion Ratio Lower Upper

65 100

92 69.7 50.6 75.8

138 111.8 76.7 115.1

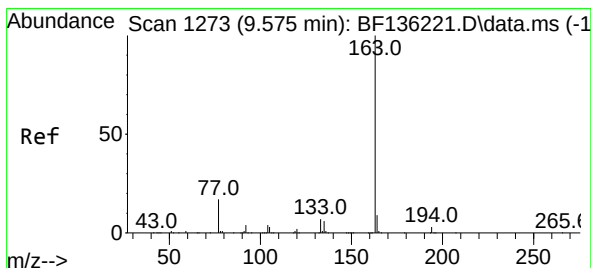
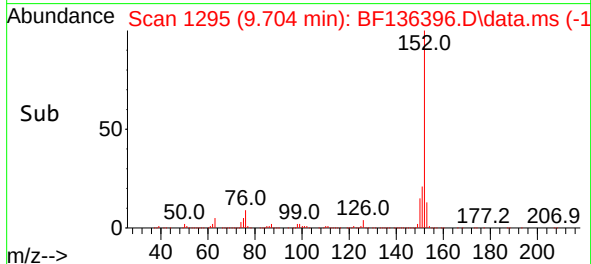
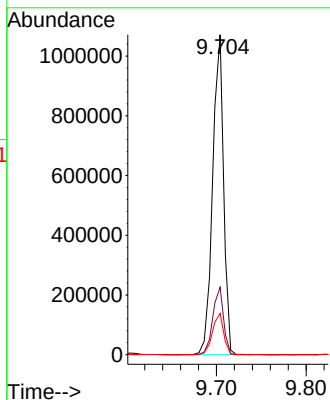
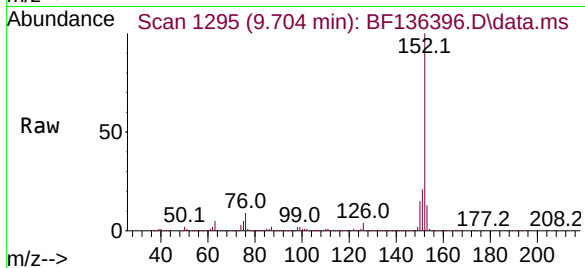




#49
Acenaphthylene
Concen: 44.659 ng
RT: 9.704 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF136396.D
Acq: 04 Dec 2023 22:44

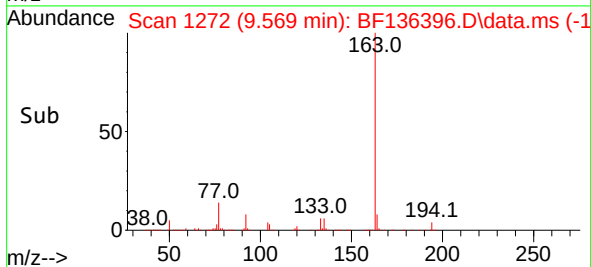
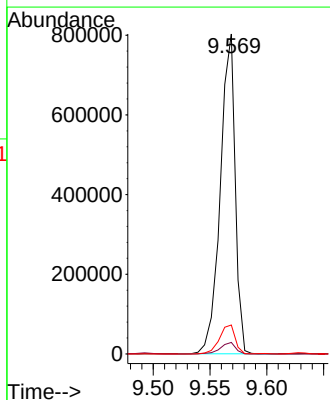
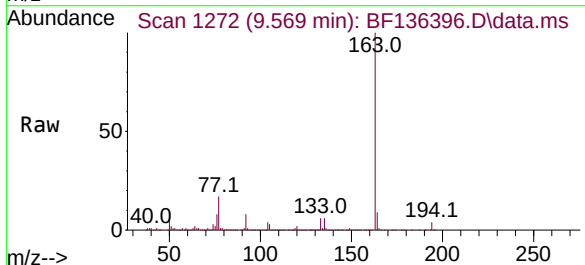
Instrument :
BNA_F
ClientSampleId :

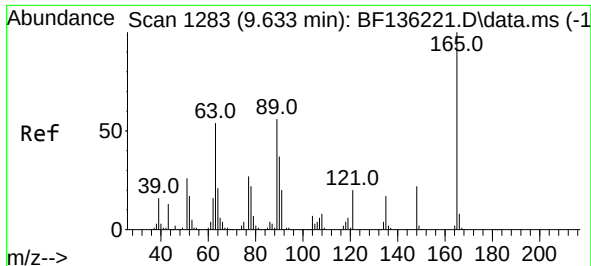
Tgt Ion:152 Resp: 905782
Ion Ratio Lower Upper
152 100
151 21.1 17.5 26.3
153 12.9 9.6 14.4



#50
Dimethylphthalate
Concen: 46.776 ng
RT: 9.569 min Scan# 1272
Delta R.T. 0.000 min
Lab File: BF136396.D
Acq: 04 Dec 2023 22:44

Tgt Ion:163 Resp: 733719
Ion Ratio Lower Upper
163 100
194 3.6 2.5 3.7
164 9.1 7.0 10.6





#51

2,6-Dinitrotoluene

Concen: 43.842 ng

RT: 9.628 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136396.D

Acq: 04 Dec 2023 22:44

Instrument :

BNA_F

ClientSampleId :

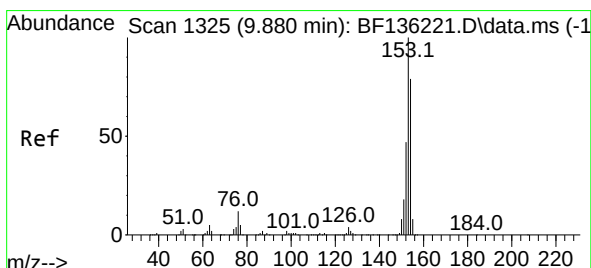
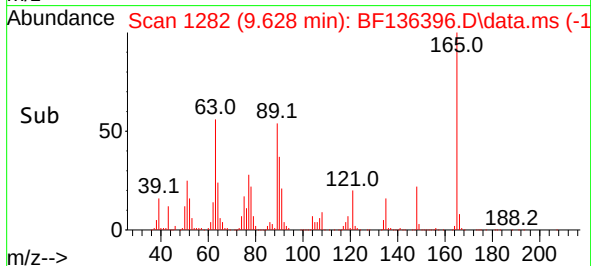
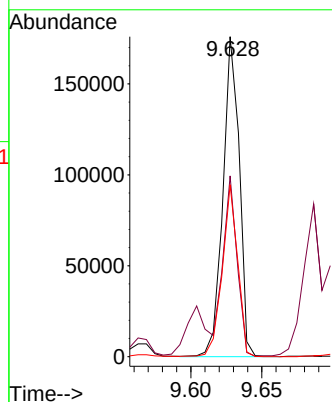
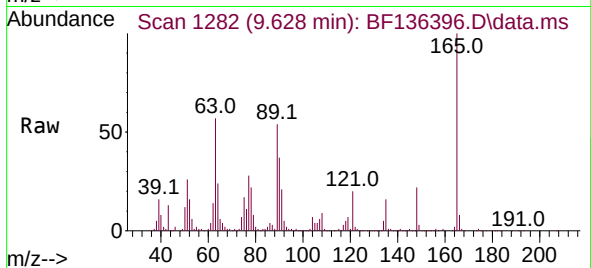
Tgt Ion:165 Resp: 140489

Ion Ratio Lower Upper

165 100

63 56.5 46.2 69.2

89 53.8 44.9 67.3



#52

Acenaphthene

Concen: 42.216 ng

RT: 9.875 min Scan# 1324

Delta R.T. 0.000 min

Lab File: BF136396.D

Acq: 04 Dec 2023 22:44

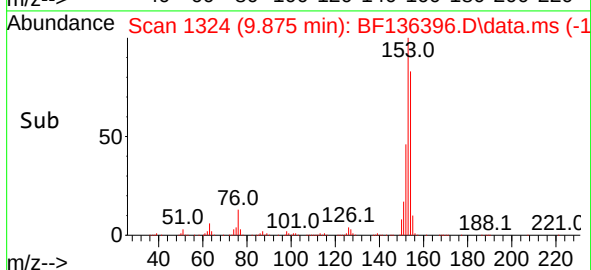
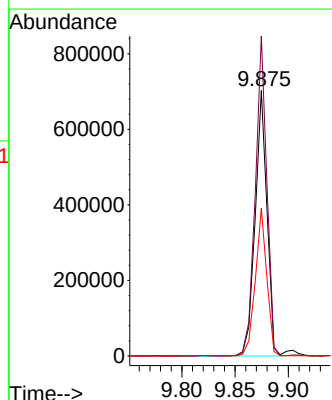
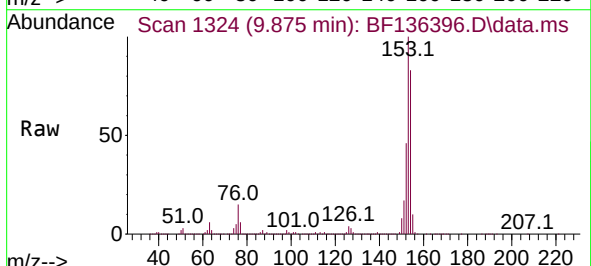
Tgt Ion:154 Resp: 541087

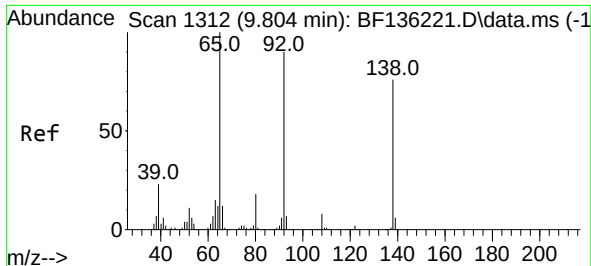
Ion Ratio Lower Upper

154 100

153 120.6 100.8 151.2

152 55.7 47.0 70.6

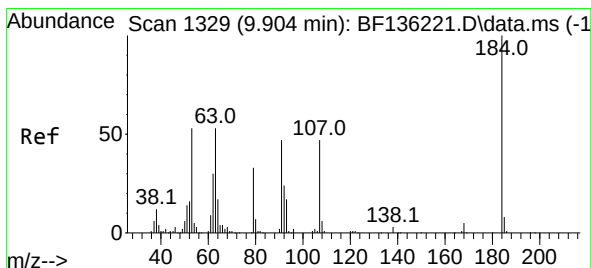
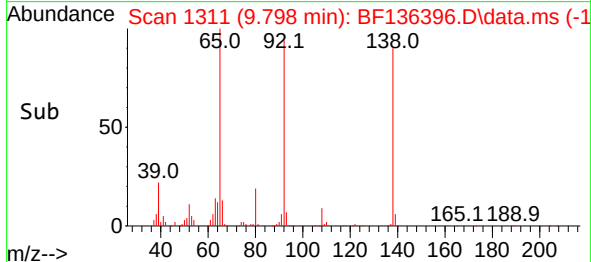
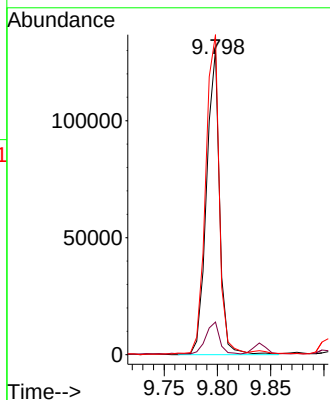
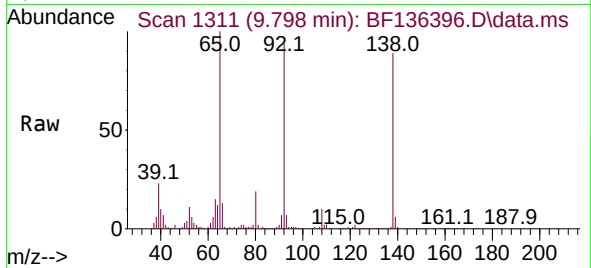




#53
3-Nitroaniline
Concen: 35.199 ng
RT: 9.798 min Scan# 1119
Delta R.T. 0.000 min
Lab File: BF136396.D
Acq: 04 Dec 2023 22:44

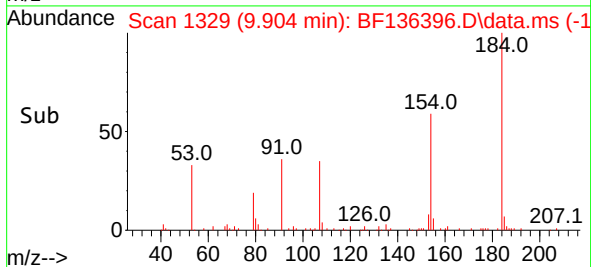
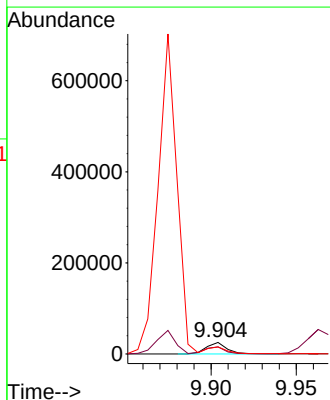
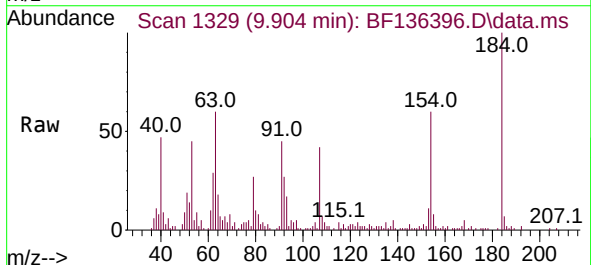
Instrument :
BNA_F
ClientSampleId :

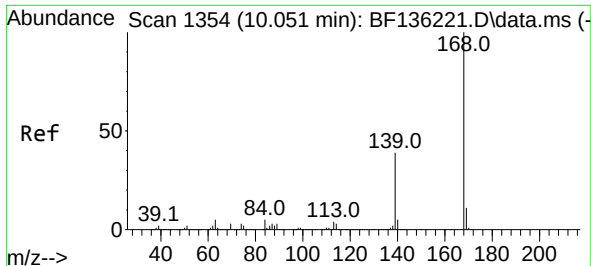
Tgt Ion:138 Resp: 111917
Ion Ratio Lower Upper
138 100
108 10.7 8.7 13.1
92 105.1 94.2 141.4



#54
2,4-Dinitrophenol
Concen: 14.206 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.000 min
Lab File: BF136396.D
Acq: 04 Dec 2023 22:44

Tgt Ion:184 Resp: 21172
Ion Ratio Lower Upper
184 100
63 60.2 55.0 82.4
154 60.3 54.9 82.3

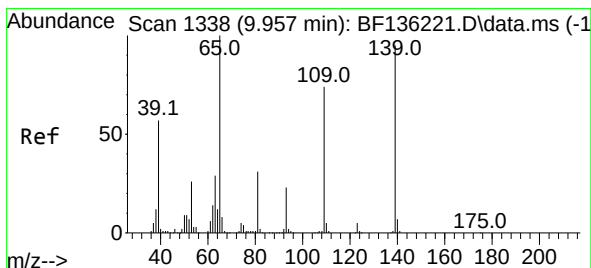
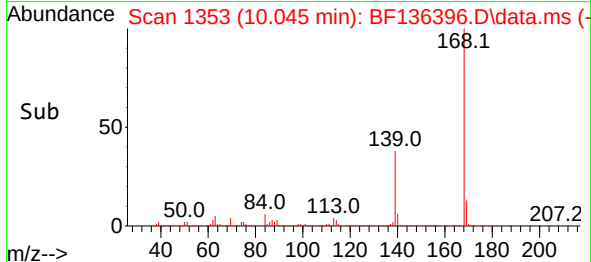
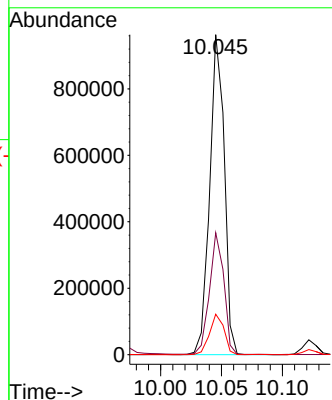
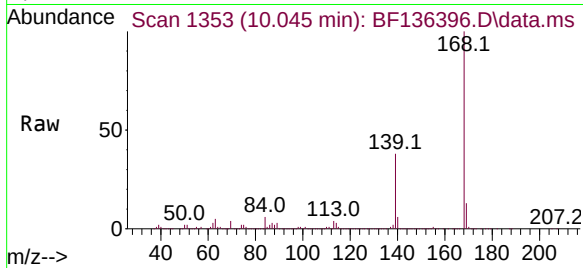




#55
Dibenzenofuran
Concen: 41.935 ng
RT: 10.045 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136396.D
Acq: 04 Dec 2023 22:44

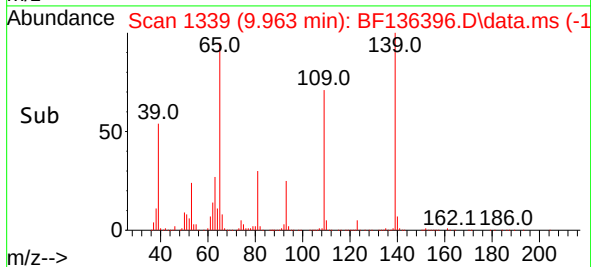
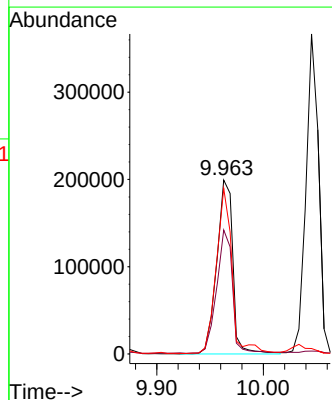
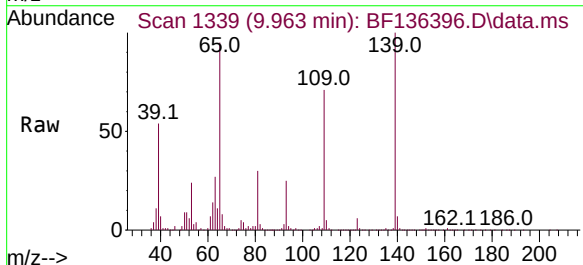
Instrument :
BNA_F
ClientSampleId :

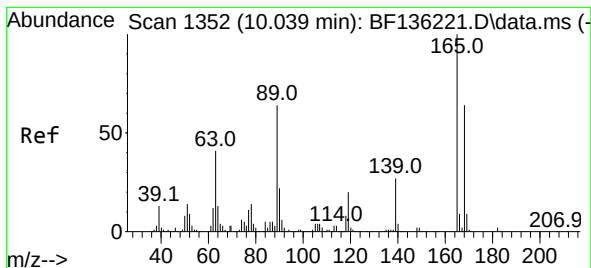
Tgt Ion:168 Resp: 799804
Ion Ratio Lower Upper
168 100
139 38.1 30.9 46.3
169 12.7 9.1 13.7



#56
4-Nitrophenol
Concen: 86.029 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF136396.D
Acq: 04 Dec 2023 22:44

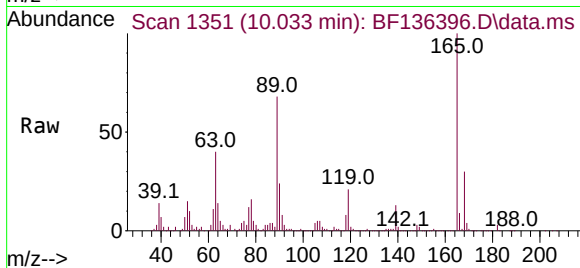
Tgt Ion:139 Resp: 207750
Ion Ratio Lower Upper
139 100
109 71.3 57.8 97.8
65 95.2 86.0 126.0



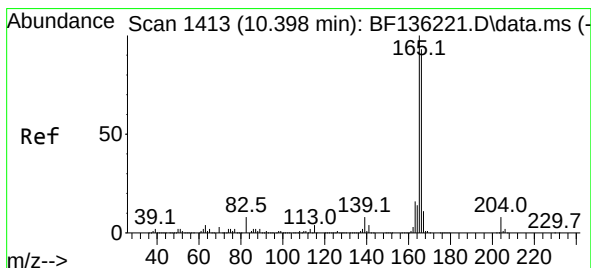
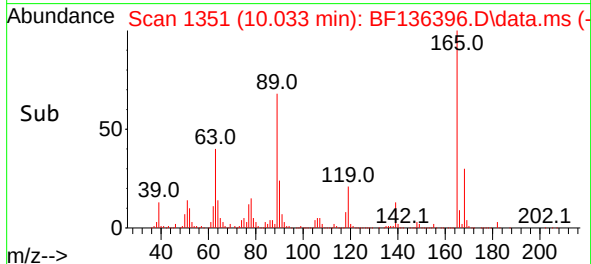
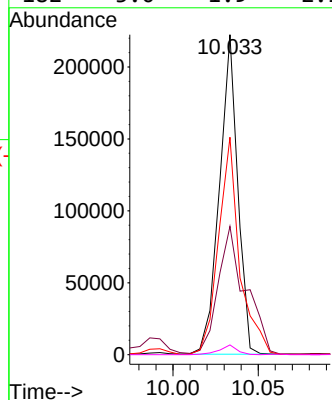


#57
2,4-Dinitrotoluene
Concen: 38.817 ng
RT: 10.033 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136396.D
Acq: 04 Dec 2023 22:44

Instrument :
BNA_F
ClientSampleId :

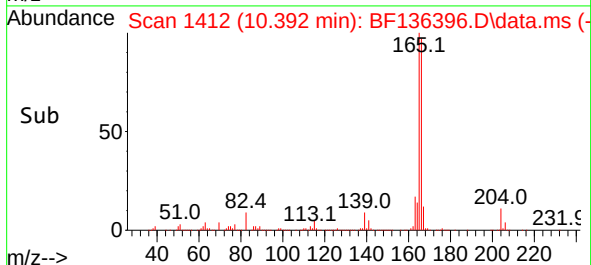
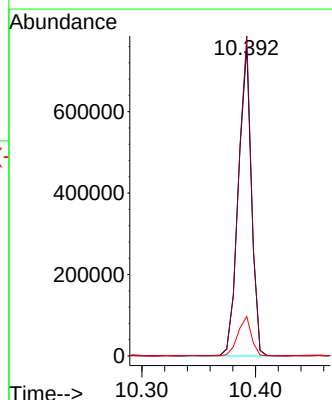
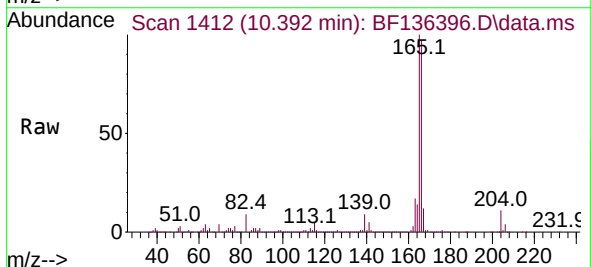


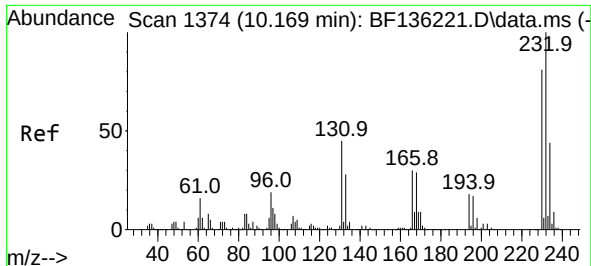
Tgt Ion:165 Resp: 166152
Ion Ratio Lower Upper
165 100
63 40.1 33.0 49.4
89 68.0 51.5 77.3
182 3.0 1.9 2.9#



#58
Fluorene
Concen: 40.353 ng
RT: 10.392 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BF136396.D
Acq: 04 Dec 2023 22:44

Tgt Ion:166 Resp: 603686
Ion Ratio Lower Upper
166 100
165 103.5 86.2 129.4
167 12.7 9.1 13.7

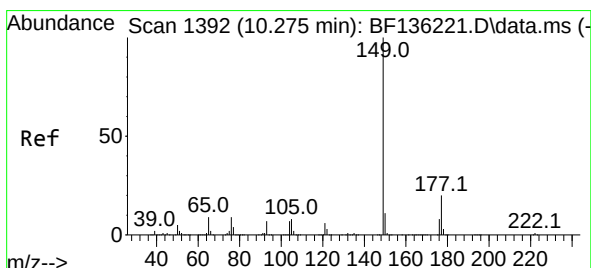
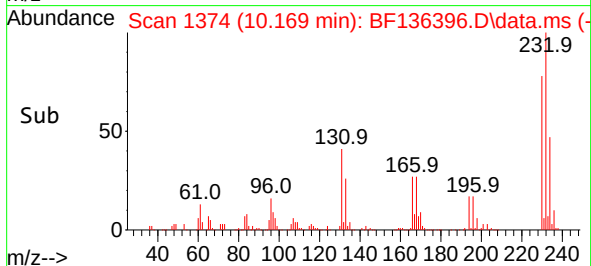
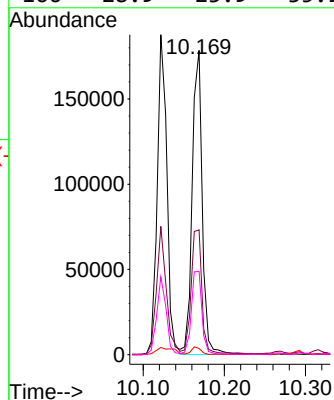
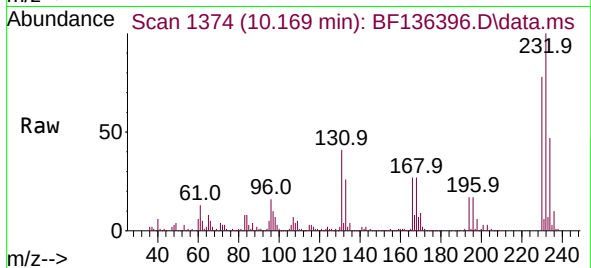




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.476 ng
RT: 10.169 min Scan# 1374
Delta R.T. 0.006 min
Lab File: BF136396.D
Acq: 04 Dec 2023 22:44

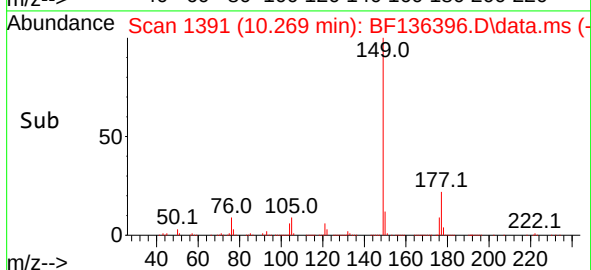
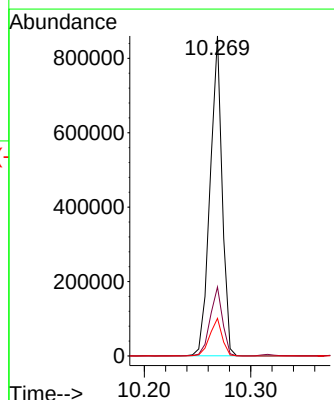
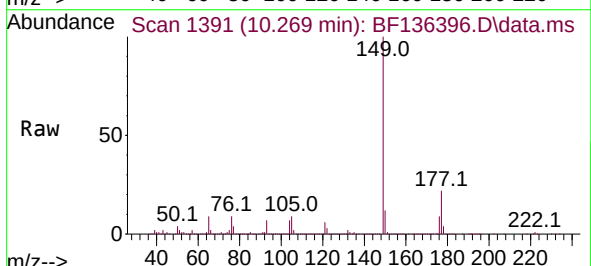
Instrument :
BNA_F
ClientSampleId :

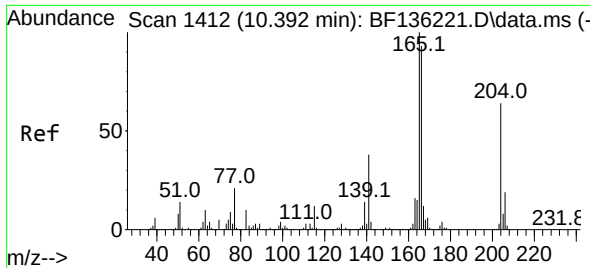
Tgt Ion:232 Resp: 154386
Ion Ratio Lower Upper
232 100
131 43.5 36.4 54.6
130 2.5 1.9 2.9
166 28.9 23.9 35.9



#60
Diethylphthalate
Concen: 43.042 ng
RT: 10.269 min Scan# 1391
Delta R.T. 0.000 min
Lab File: BF136396.D
Acq: 04 Dec 2023 22:44

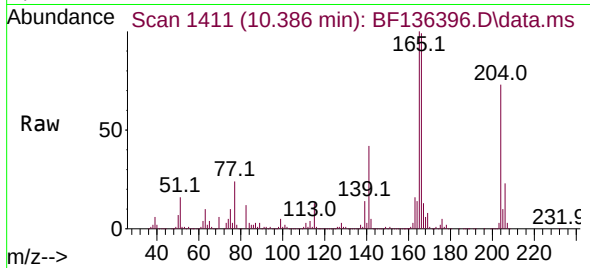
Tgt Ion:149 Resp: 675355
Ion Ratio Lower Upper
149 100
177 21.5 15.8 23.6
150 11.8 8.8 13.2



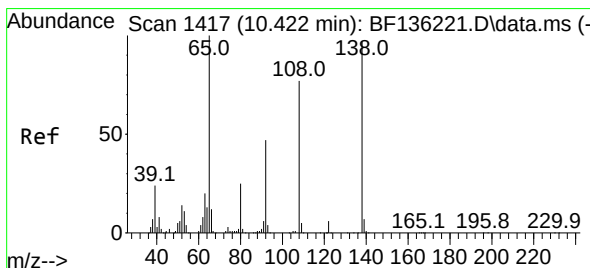
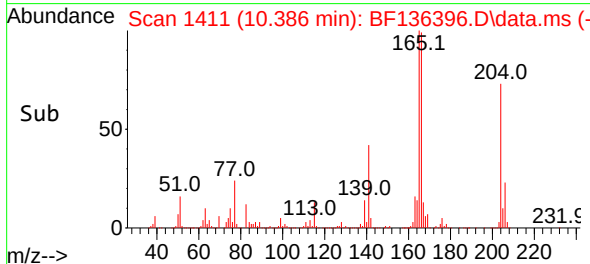
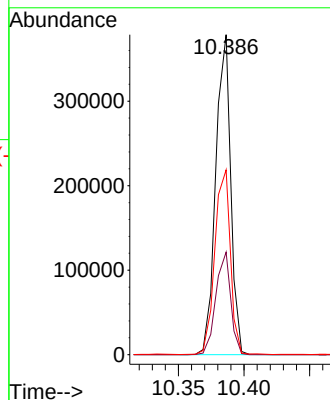


#61
4-Chlorophenyl-phenylether
Concen: 41.241 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF136396.D
Acq: 04 Dec 2023 22:44

Instrument :
BNA_F
ClientSampleId :

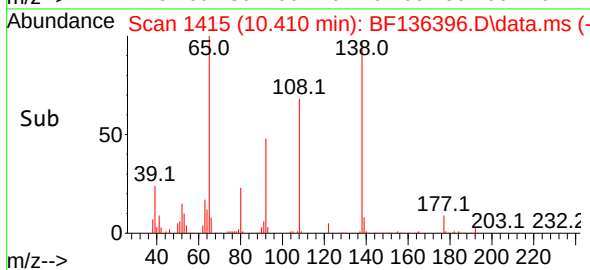
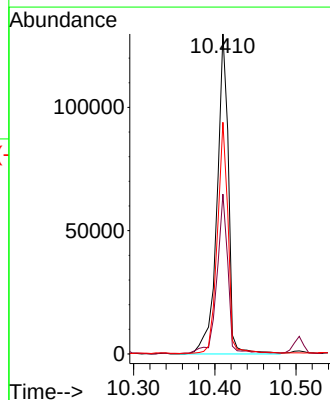
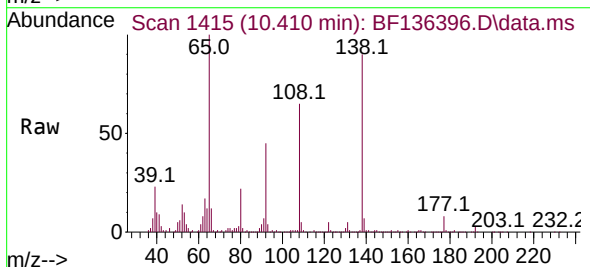


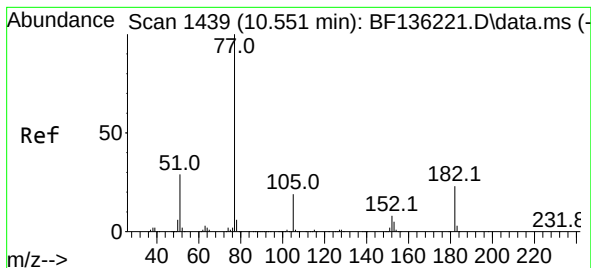
Tgt Ion:204 Resp: 299624
Ion Ratio Lower Upper
204 100
206 32.0 23.4 35.0
141 57.8 47.6 71.4



#62
4-Nitroaniline
Concen: 40.908 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF136396.D
Acq: 04 Dec 2023 22:44

Tgt Ion:138 Resp: 127318
Ion Ratio Lower Upper
138 100
92 49.9 28.5 68.5
108 72.4 59.8 99.8

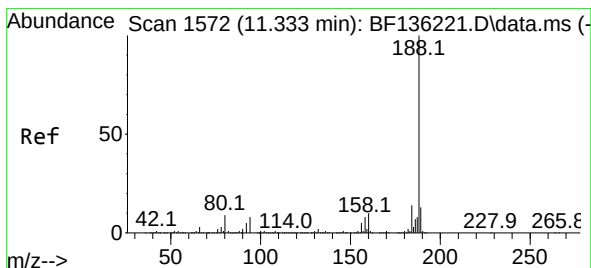
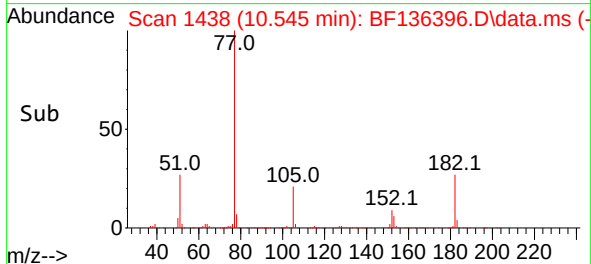
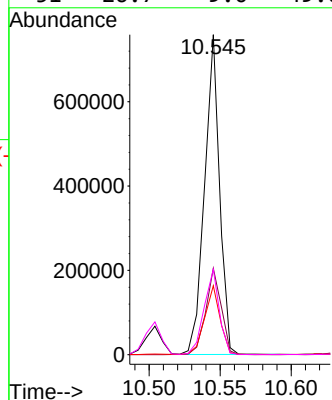
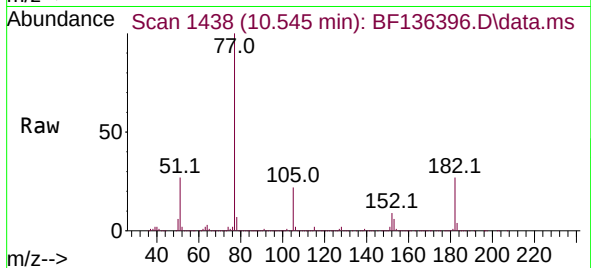




#63
Azobenzene
Concen: 38.328 ng
RT: 10.545 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF136396.D
Acq: 04 Dec 2023 22:44

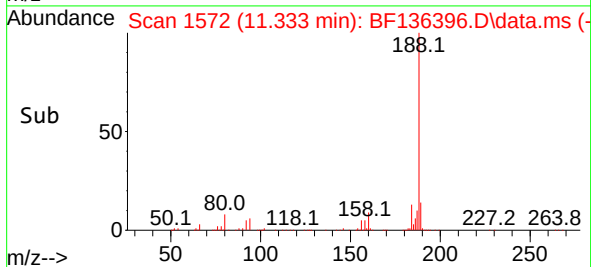
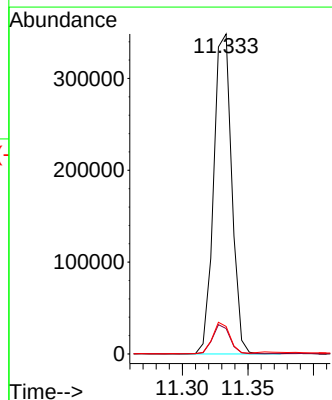
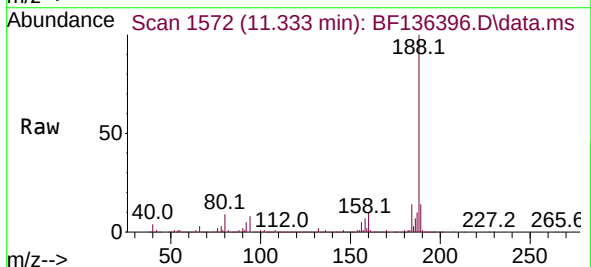
Instrument :
BNA_F
ClientSampleId :

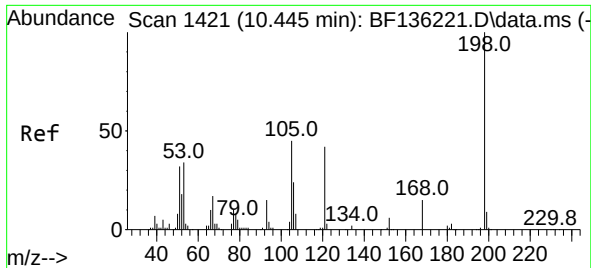
Tgt Ion: 77	Resp: 557533
Ion Ratio	Lower Upper
77 100	
182 27.0	3.3 43.3
105 21.5	0.0 39.5
51 26.7	9.0 49.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.006 min
Lab File: BF136396.D
Acq: 04 Dec 2023 22:44

Tgt Ion:188	Resp: 333750
Ion Ratio	Lower Upper
188 100	
94 7.9	6.7 10.1
80 8.6	7.2 10.8

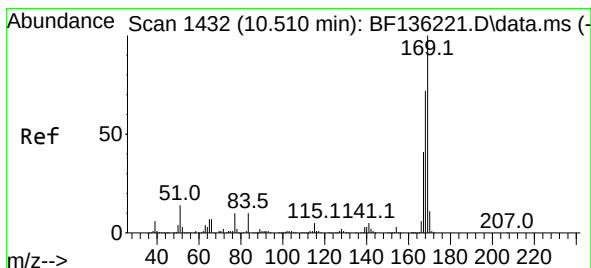
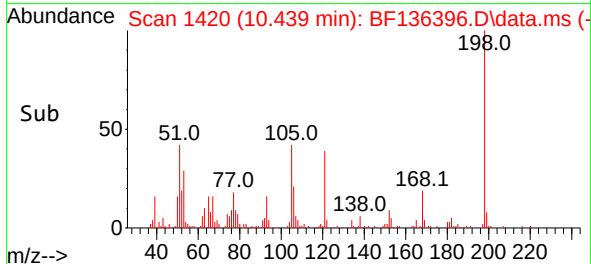
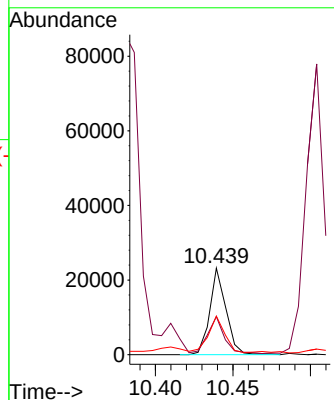
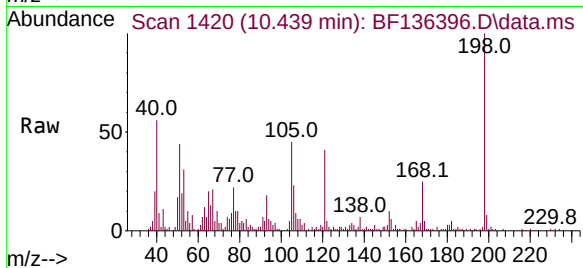




#65
4,6-Dinitro-2-methylphenol
Concen: 9.273 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF136396.D
Acq: 04 Dec 2023 22:44

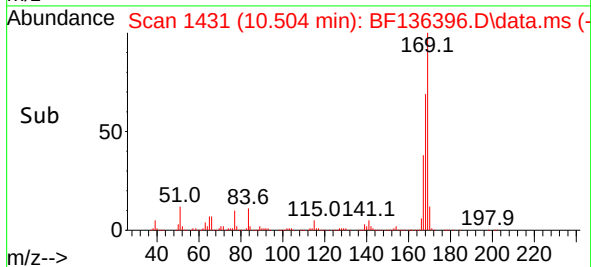
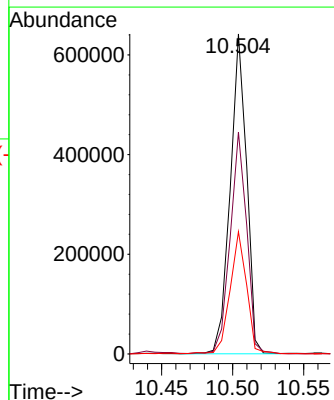
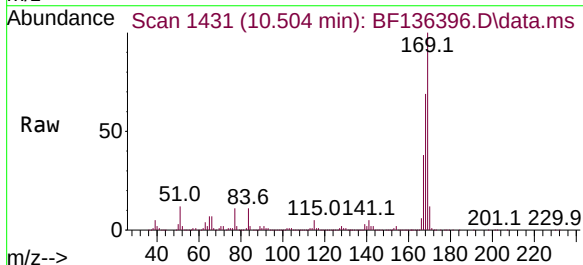
Instrument :
BNA_F
ClientSampleId :

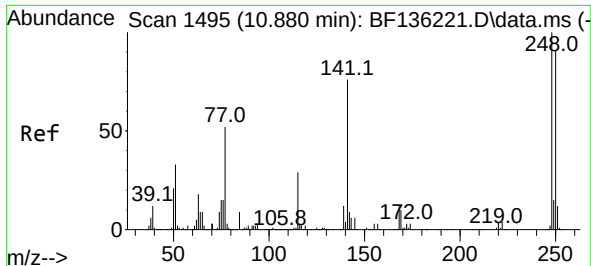
Tgt Ion:198 Resp: 16925
Ion Ratio Lower Upper
198 100
51 44.0 28.2 68.2
105 44.5 25.7 65.7



#66
n-Nitrosodiphenylamine
Concen: 48.163 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.000 min
Lab File: BF136396.D
Acq: 04 Dec 2023 22:44

Tgt Ion:169 Resp: 515125
Ion Ratio Lower Upper
169 100
168 69.3 57.8 86.6
167 38.2 32.7 49.1

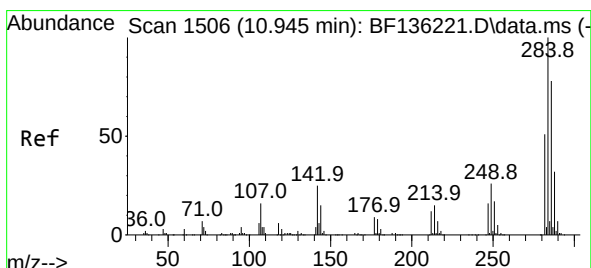
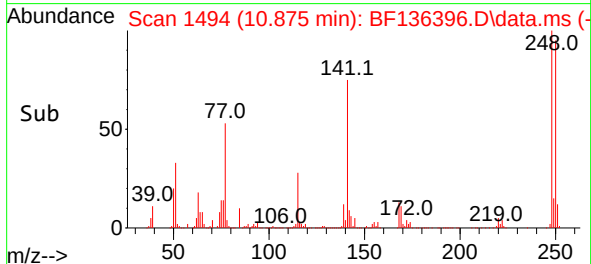
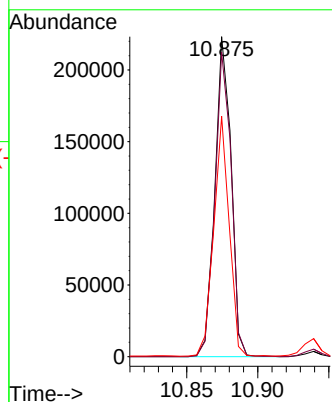
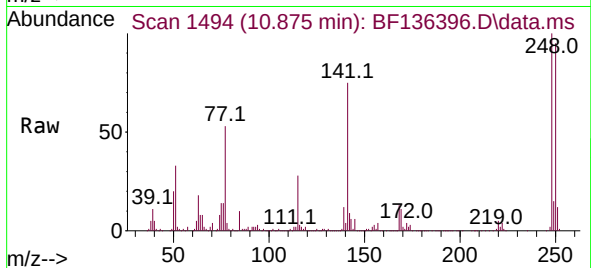




#67
4-Bromophenyl-phenylether
Concen: 45.602 ng
RT: 10.875 min Scan# 1494
Delta R.T. 0.000 min
Lab File: BF136396.D
Acq: 04 Dec 2023 22:44

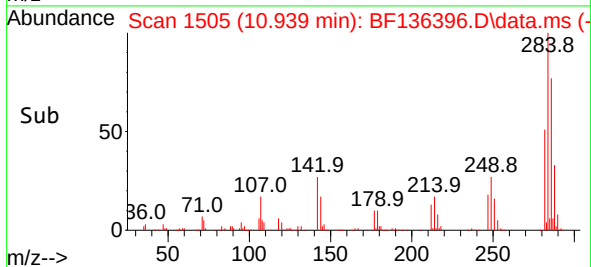
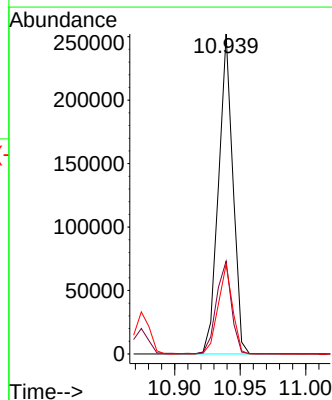
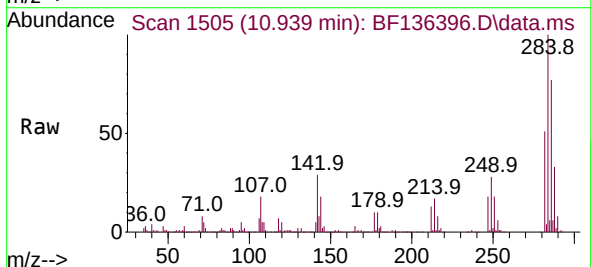
Instrument :
BNA_F
ClientSampleId :

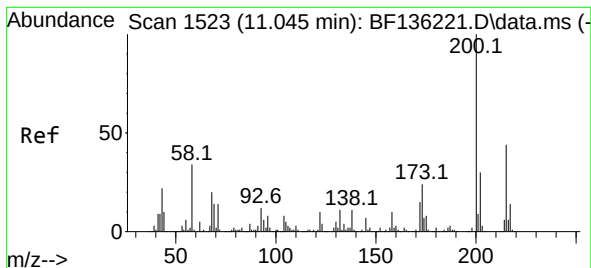
Tgt Ion:248 Resp: 177563
Ion Ratio Lower Upper
248 100
250 95.1 72.5 108.7
141 75.1 60.8 91.2



#68
Hexachlorobenzene
Concen: 42.496 ng
RT: 10.939 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF136396.D
Acq: 04 Dec 2023 22:44

Tgt Ion:284 Resp: 191509
Ion Ratio Lower Upper
284 100
142 29.0 19.8 29.8
249 28.0 21.0 31.4





#69

Atrazine

Concen: 52.361 ng

RT: 11.039 min Scan# 1522

Delta R.T. 0.006 min

Lab File: BF136396.D

Acq: 04 Dec 2023 22:44

Instrument :

BNA_F

ClientSampleId :

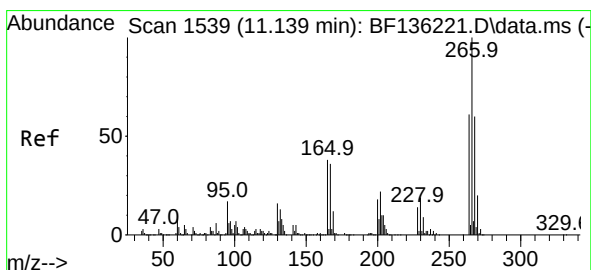
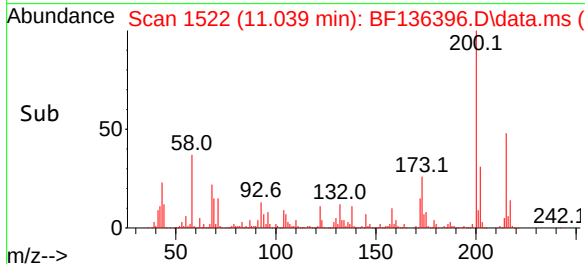
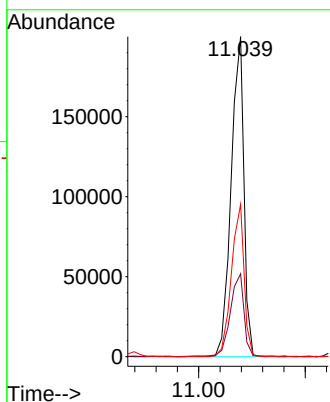
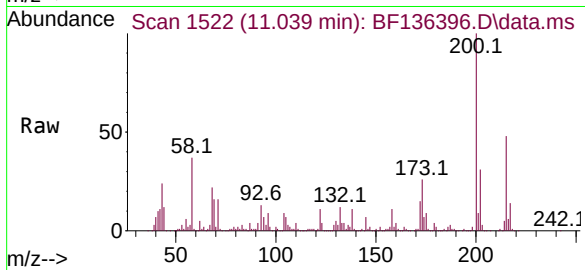
Tgt Ion:200 Resp: 166128

Ion Ratio Lower Upper

200 100

173 25.9 4.3 44.3

215 47.6 23.8 63.8



#70

Pentachlorophenol

Concen: 82.323 ng

RT: 11.139 min Scan# 1539

Delta R.T. 0.006 min

Lab File: BF136396.D

Acq: 04 Dec 2023 22:44

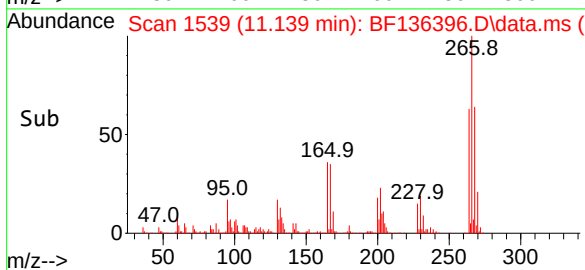
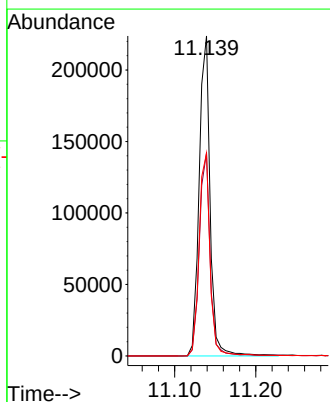
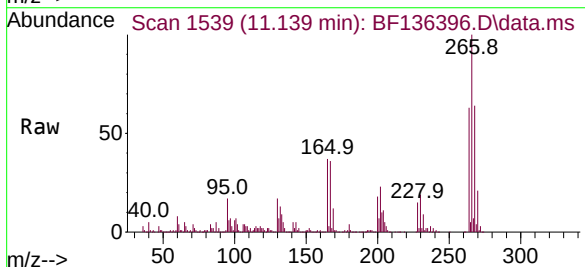
Tgt Ion:266 Resp: 209703

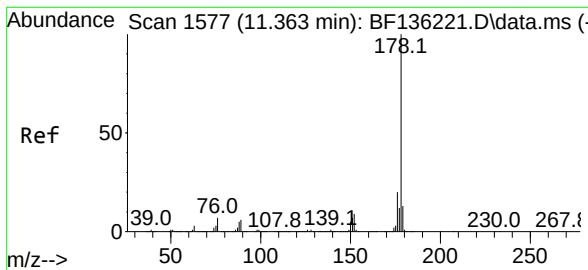
Ion Ratio Lower Upper

266 100

268 63.6 47.9 71.9

264 63.4 49.1 73.7





#71

Phenanthrene

Concen: 53.769 ng

RT: 11.357 min Scan# 1576

Delta R.T. 0.000 min

Lab File: BF136396.D

Acq: 04 Dec 2023 22:44

Instrument :

BNA_F

ClientSampleId :

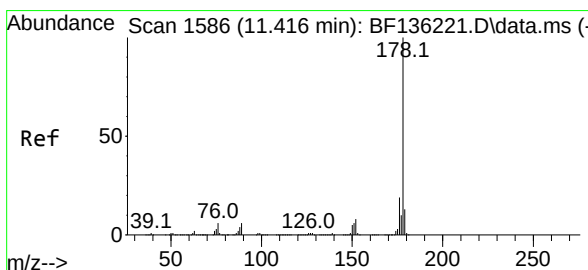
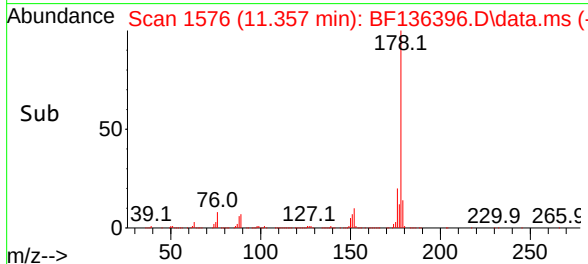
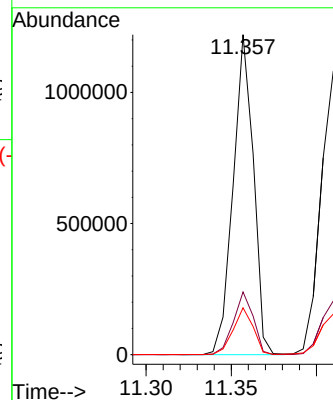
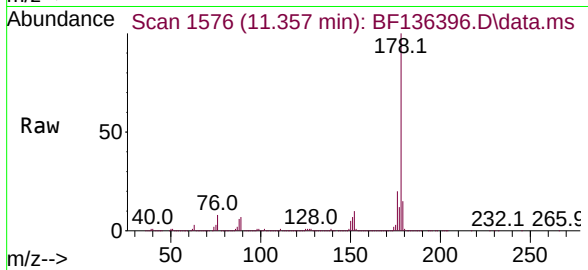
Tgt Ion:178 Resp: 1008619

Ion Ratio Lower Upper

178 100

176 19.6 16.2 24.2

179 14.6 10.3 15.5



#72

Anthracene

Concen: 47.114 ng

RT: 11.410 min Scan# 1585

Delta R.T. 0.000 min

Lab File: BF136396.D

Acq: 04 Dec 2023 22:44

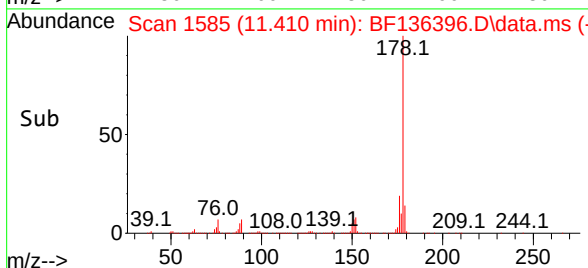
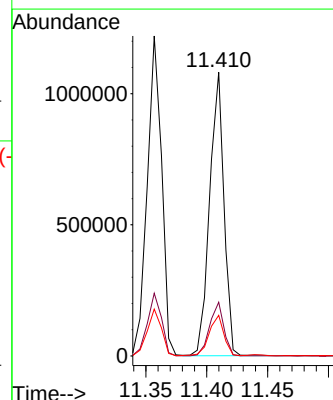
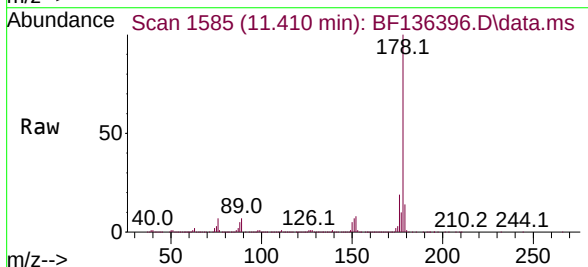
Tgt Ion:178 Resp: 886264

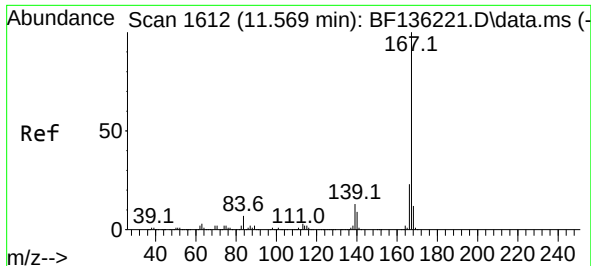
Ion Ratio Lower Upper

178 100

176 19.0 15.5 23.3

179 14.4 10.5 15.7

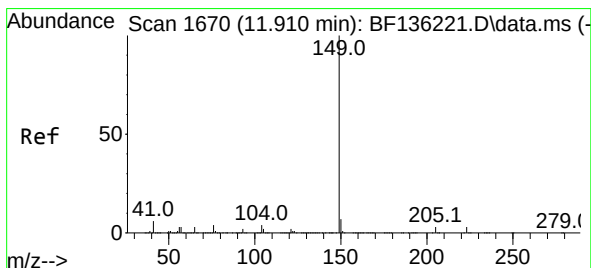
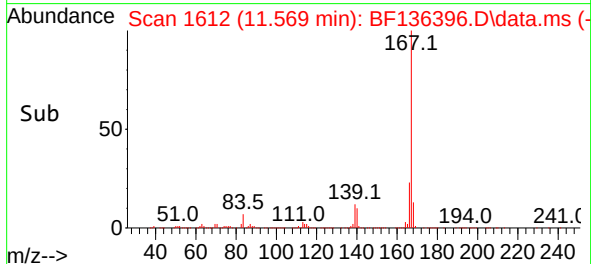
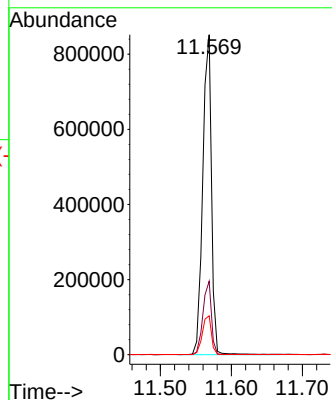
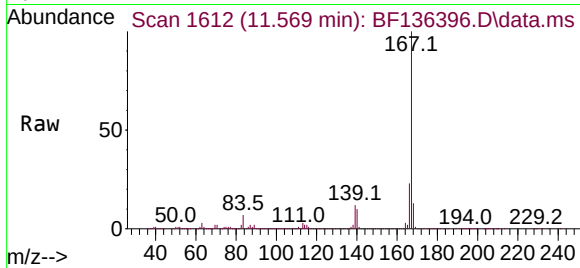




#73
 Carbazole
 Concen: 45.575 ng
 RT: 11.569 min Scan# 1612
 Delta R.T. 0.006 min
 Lab File: BF136396.D
 Acq: 04 Dec 2023 22:44

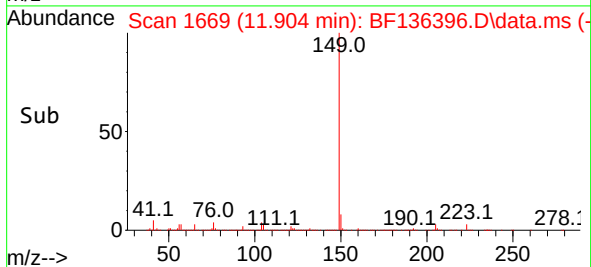
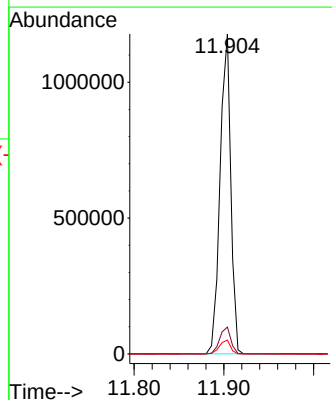
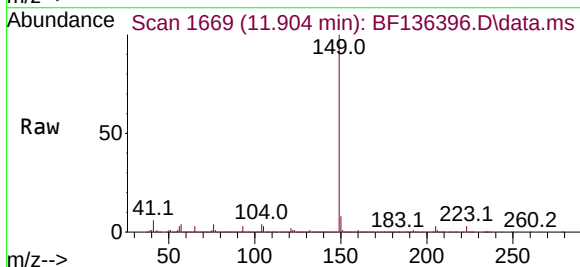
Instrument :
 BNA_F
 ClientSampleId :

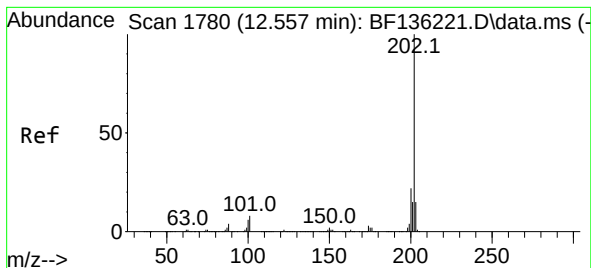
Tgt Ion:167 Resp: 729164
 Ion Ratio Lower Upper
 167 100
 166 23.0 18.4 27.6
 139 12.2 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 48.656 ng
 RT: 11.904 min Scan# 1669
 Delta R.T. 0.006 min
 Lab File: BF136396.D
 Acq: 04 Dec 2023 22:44

Tgt Ion:149 Resp: 974011
 Ion Ratio Lower Upper
 149 100
 150 8.4 6.0 9.0
 104 4.4 3.5 5.3





#75

Fluoranthene

Concen: 59.027 ng

RT: 12.551 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF136396.D

Acq: 04 Dec 2023 22:44

Instrument :

BNA_F

ClientSampleId :

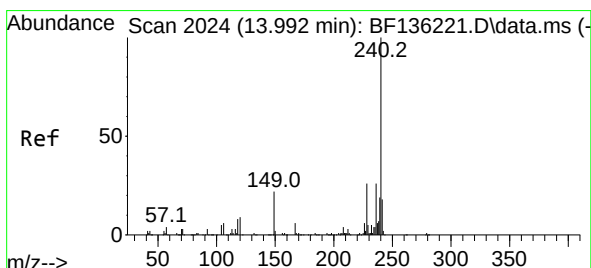
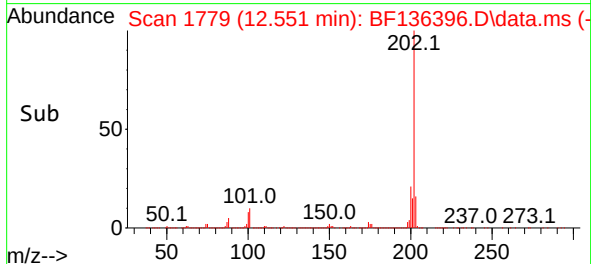
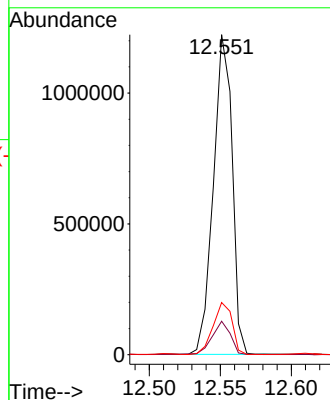
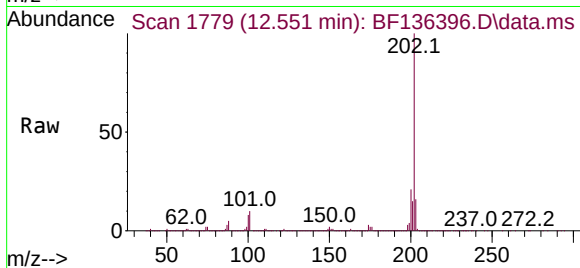
Tgt Ion:202 Resp: 1124049

Ion Ratio Lower Upper

202 100

101 10.4 0.0 27.8

203 16.3 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: BF136396.D

Acq: 04 Dec 2023 22:44

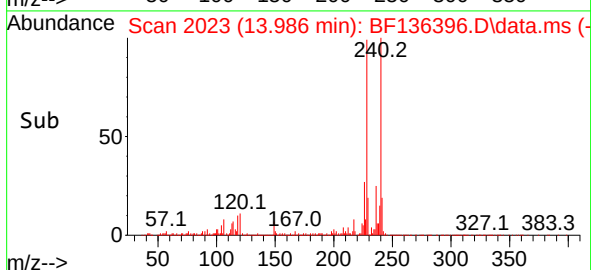
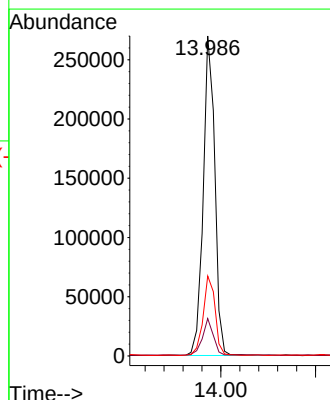
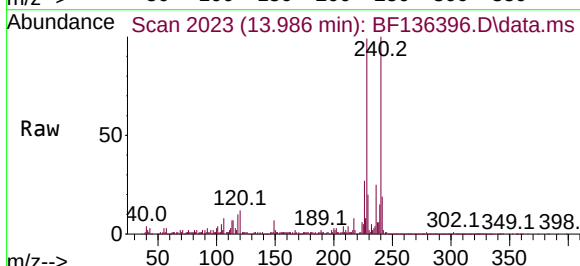
Tgt Ion:240 Resp: 228879

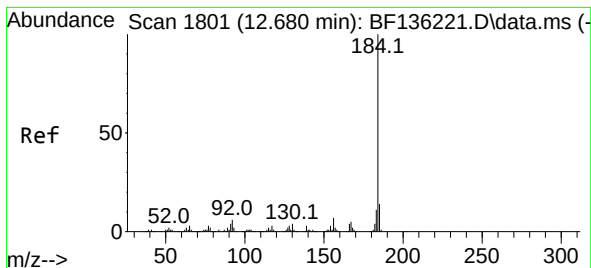
Ion Ratio Lower Upper

240 100

120 11.7 7.4 11.2#

236 25.0 21.1 31.7





#77

Benzidine

Concen: 49.500 ng

RT: 12.674 min Scan# 1800

Delta R.T. 0.006 min

Lab File: BF136396.D

Acq: 04 Dec 2023 22:44

Instrument :

BNA_F

ClientSampleId :

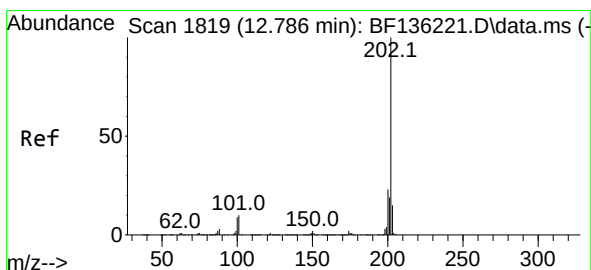
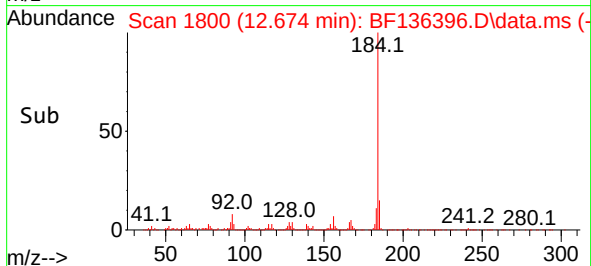
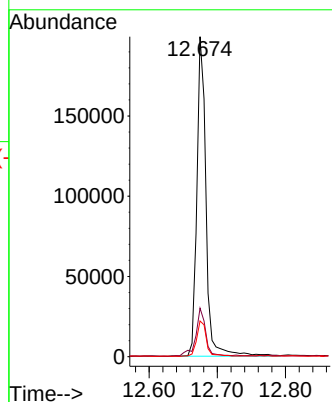
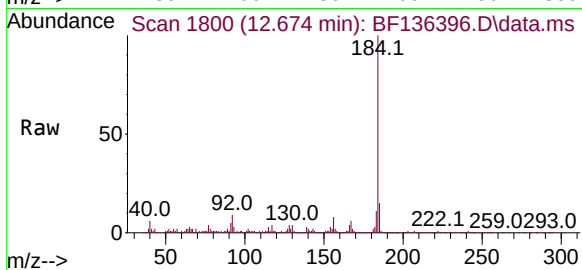
Tgt Ion:184 Resp: 186236

Ion Ratio Lower Upper

184 100

185 15.2 11.0 16.6

183 11.1 9.0 13.4



#78

Pyrene

Concen: 44.220 ng

RT: 12.780 min Scan# 1818

Delta R.T. 0.006 min

Lab File: BF136396.D

Acq: 04 Dec 2023 22:44

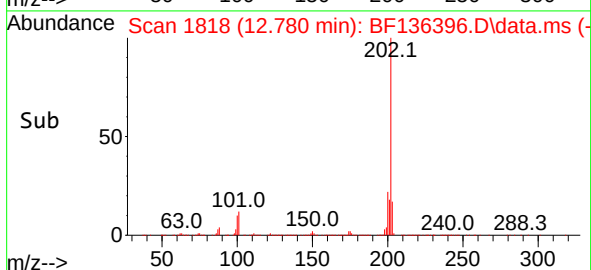
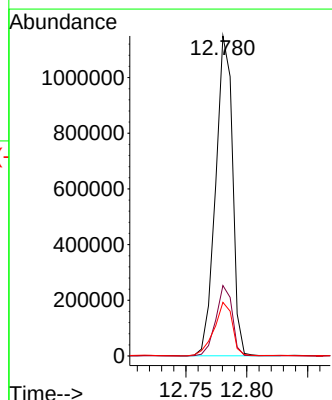
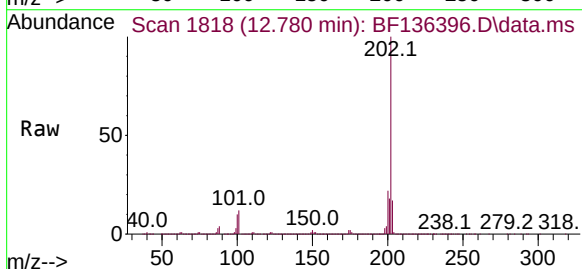
Tgt Ion:202 Resp: 1108418

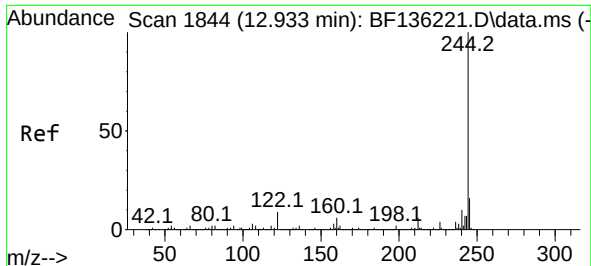
Ion Ratio Lower Upper

202 100

200 22.0 18.4 27.6

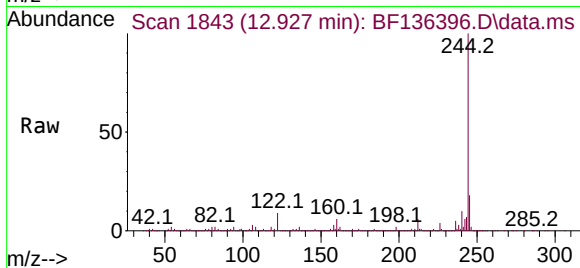
203 16.7 11.8 17.6



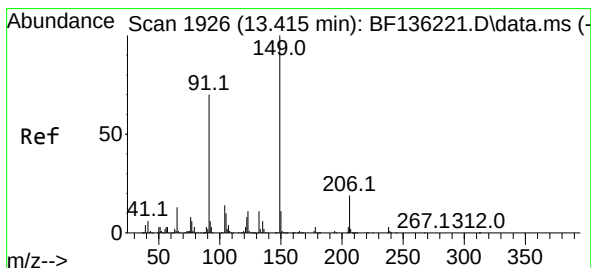
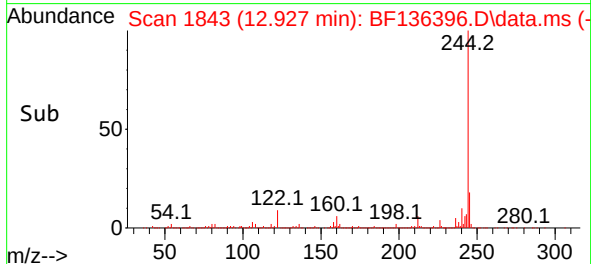
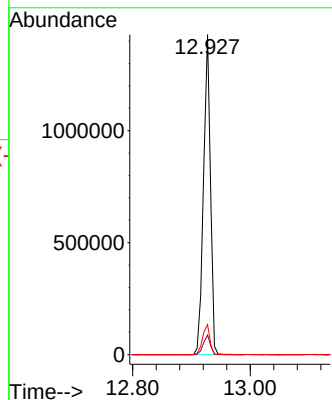


#79
 Terphenyl-d14
 Concen: 58.715 ng
 RT: 12.927 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF136396.D
 Acq: 04 Dec 2023 22:44

Instrument :
 BNA_F
 ClientSampleId :

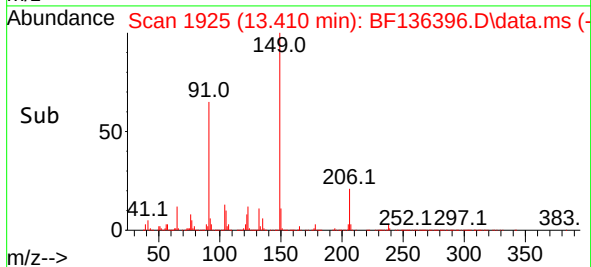
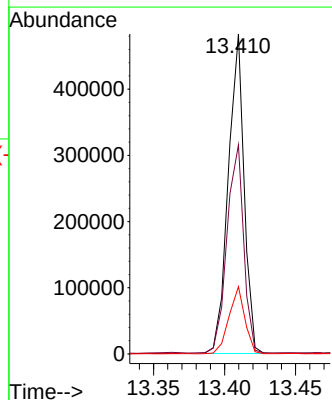
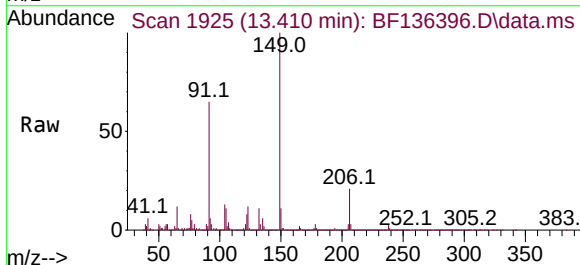


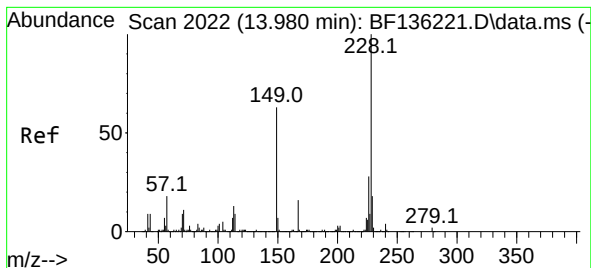
Tgt Ion:244 Resp: 1165046
 Ion Ratio Lower Upper
 244 100
 212 6.2 4.6 7.0
 122 9.4 7.3 10.9



#80
 Butylbenzylphthalate
 Concen: 47.865 ng
 RT: 13.410 min Scan# 1925
 Delta R.T. 0.006 min
 Lab File: BF136396.D
 Acq: 04 Dec 2023 22:44

Tgt Ion:149 Resp: 373403
 Ion Ratio Lower Upper
 149 100
 91 65.4 56.4 84.6
 206 21.1 14.8 22.2





#81

Benzo(a)anthracene

Concen: 48.257 ng

RT: 13.974 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF136396.D

Acq: 04 Dec 2023 22:44

Instrument :

BNA_F

ClientSampleId :

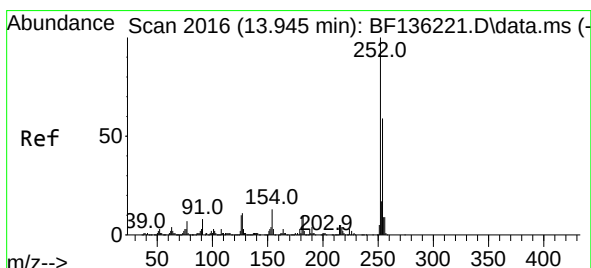
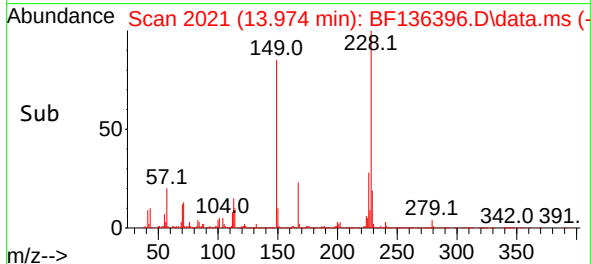
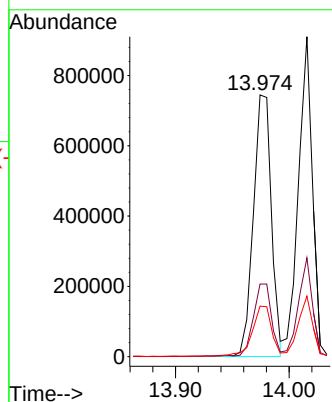
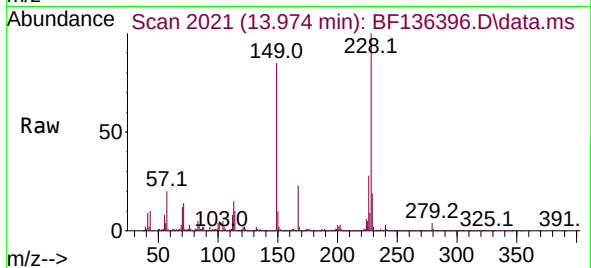
Tgt Ion:228 Resp: 820388

Ion Ratio Lower Upper

228 100

226 27.8 22.6 34.0

229 19.3 14.0 21.0



#82

3,3'-Dichlorobenzidine

Concen: 41.399 ng

RT: 13.939 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BF136396.D

Acq: 04 Dec 2023 22:44

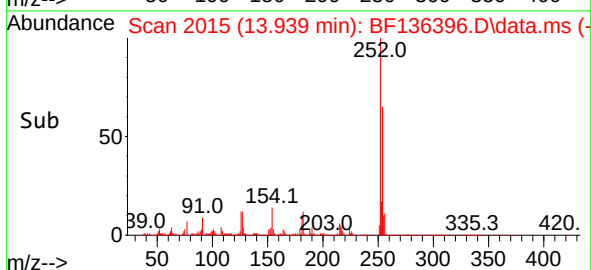
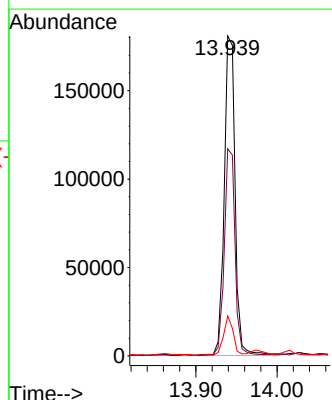
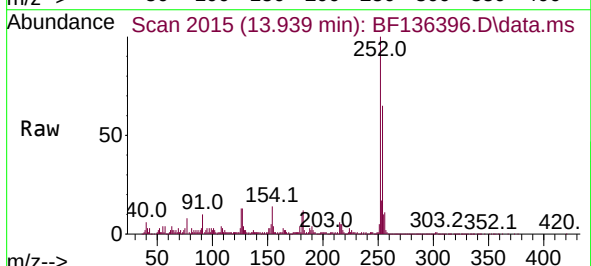
Tgt Ion:252 Resp: 169417

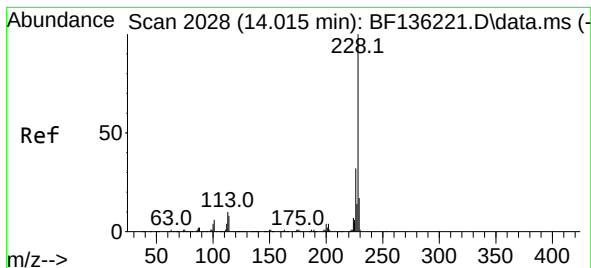
Ion Ratio Lower Upper

252 100

254 64.8 47.4 71.2

126 12.5 8.3 12.5#





#83

Chrysene

Concen: 47.586 ng

RT: 14.016 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF136396.D

Acq: 04 Dec 2023 22:44

Instrument :

BNA_F

ClientSampleId :

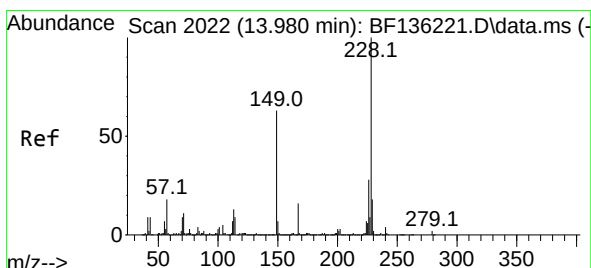
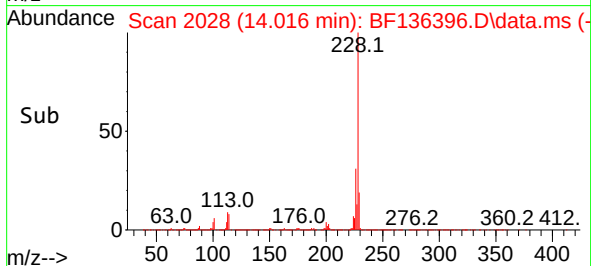
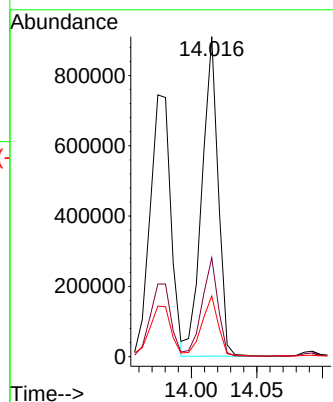
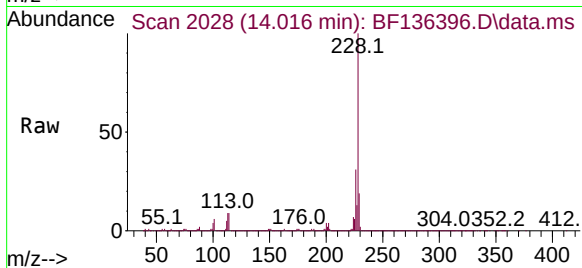
Tgt Ion:228 Resp: 781097

Ion Ratio Lower Upper

228 100

226 30.9 25.5 38.3

229 19.0 13.9 20.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.620 ng

RT: 13.974 min Scan# 2021

Delta R.T. 0.006 min

Lab File: BF136396.D

Acq: 04 Dec 2023 22:44

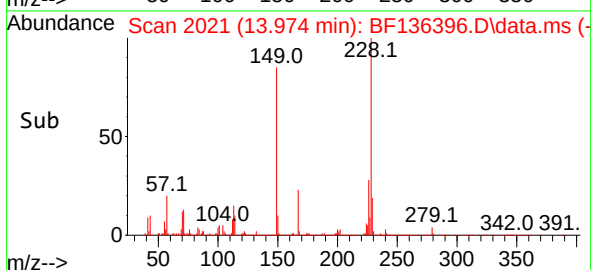
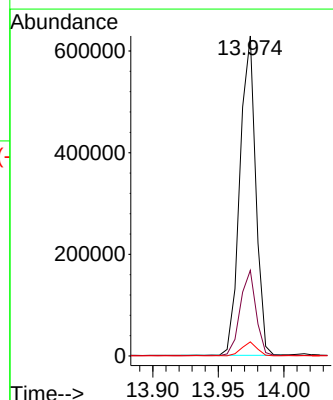
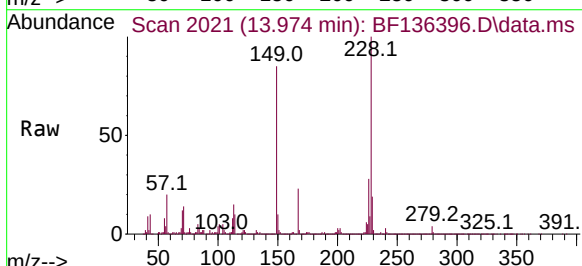
Tgt Ion:149 Resp: 530102

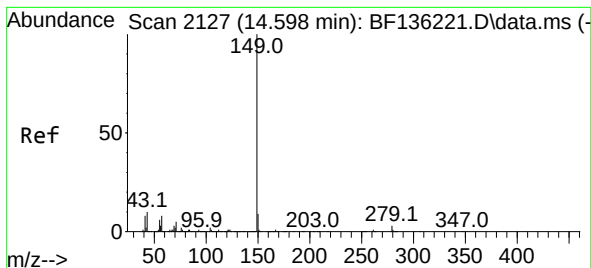
Ion Ratio Lower Upper

149 100

167 26.7 20.2 30.2

279 4.4 2.4 3.6#





#85

Di-n-octyl phthalate

Concen: 58.290 ng

RT: 14.592 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136396.D

Acq: 04 Dec 2023 22:44

Instrument :

BNA_F

ClientSampleId :

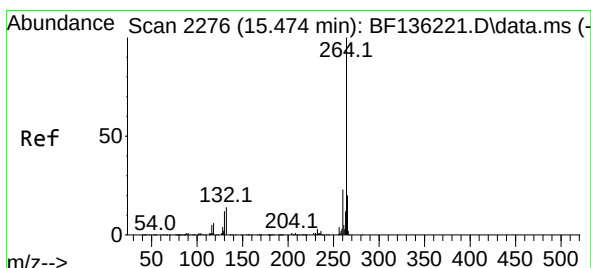
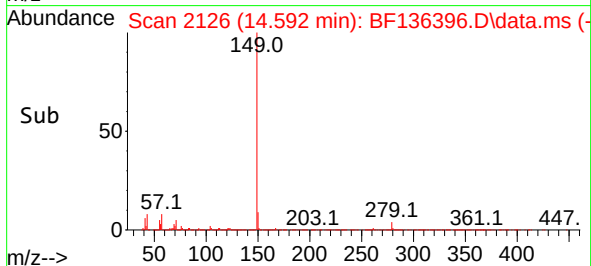
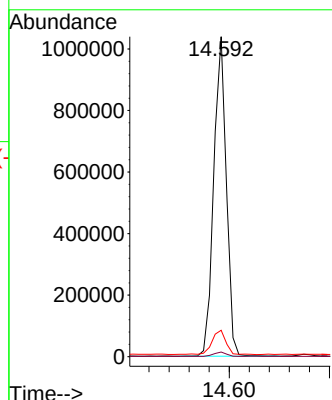
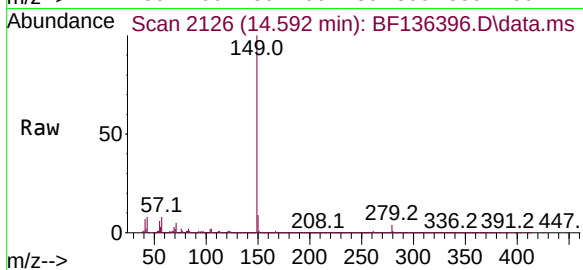
Tgt Ion:149 Resp: 905194

Ion Ratio Lower Upper

149 100

167 1.4 1.0 1.6

43 8.5 7.2 10.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.474 min Scan# 2276

Delta R.T. 0.018 min

Lab File: BF136396.D

Acq: 04 Dec 2023 22:44

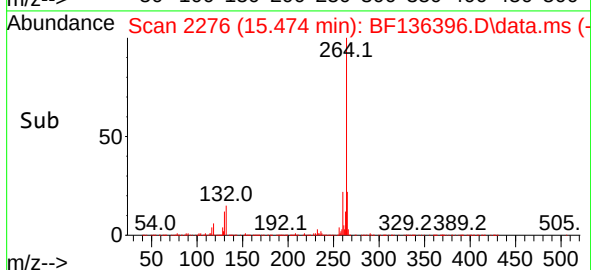
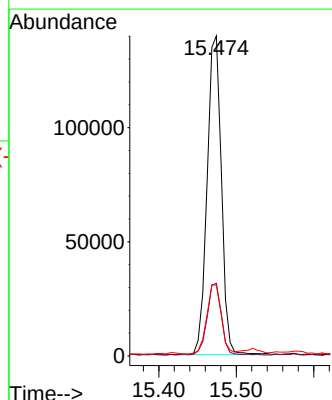
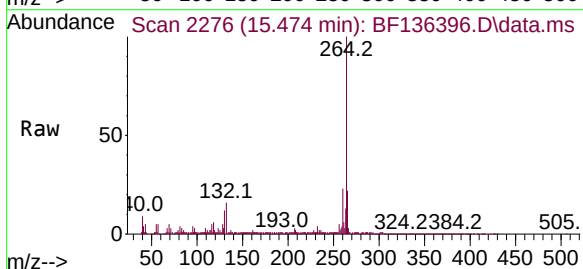
Tgt Ion:264 Resp: 178487

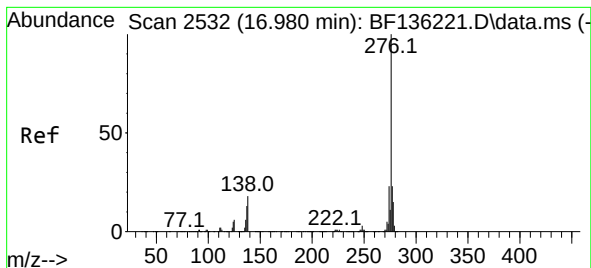
Ion Ratio Lower Upper

264 100

260 22.7 18.6 27.8

265 22.2 15.7 23.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.860 ng

RT: 16.986 min Scan# 21

Delta R.T. 0.024 min

Lab File: BF136396.D

Acq: 04 Dec 2023 22:44

Instrument :

BNA_F

ClientSampleId :

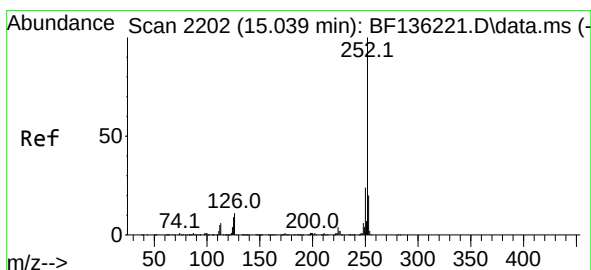
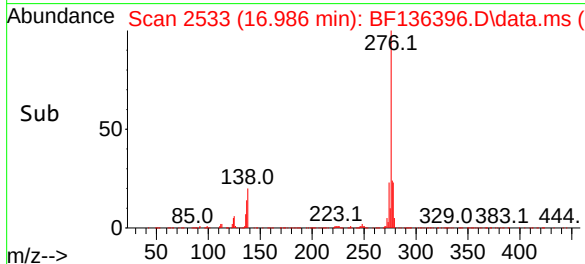
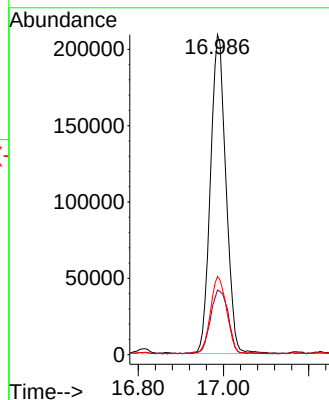
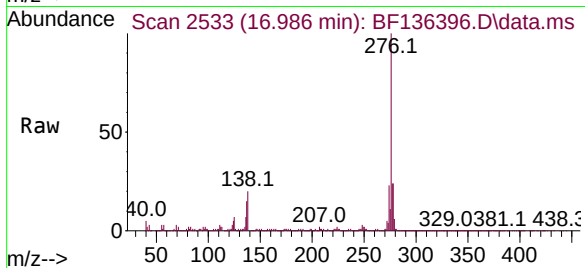
Tgt Ion:276 Resp: 525381

Ion Ratio Lower Upper

276 100

138 22.5 17.7 26.5

277 25.3 19.6 29.4



#88

Benzo(b)fluoranthene

Concen: 51.891 ng

RT: 15.039 min Scan# 2202

Delta R.T. 0.012 min

Lab File: BF136396.D

Acq: 04 Dec 2023 22:44

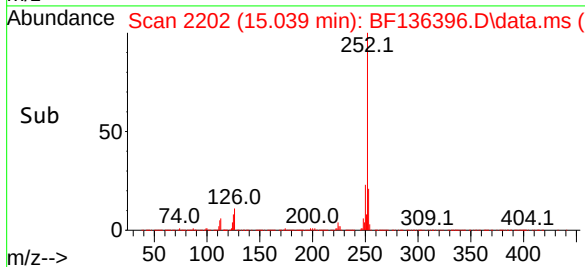
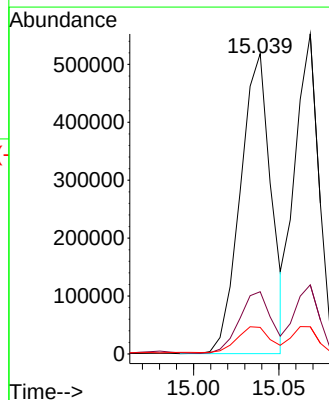
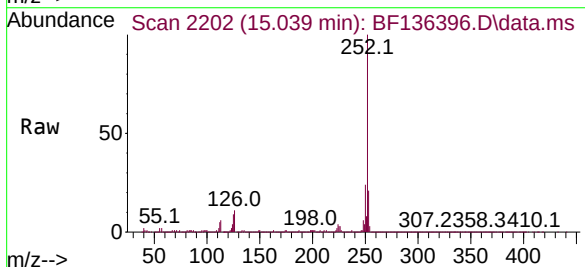
Tgt Ion:252 Resp: 649797

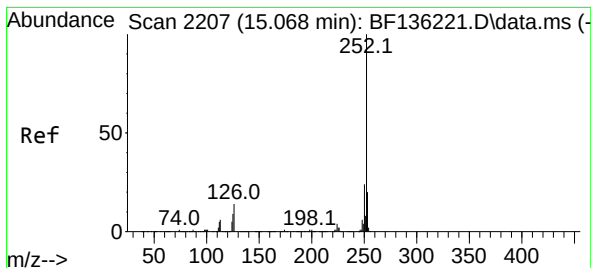
Ion Ratio Lower Upper

252 100

253 20.7 16.2 24.2

125 8.8 6.9 10.3





#89

Benzo(k)fluoranthene

Concen: 45.490 ng

RT: 15.068 min Scan# 2207

Delta R.T. 0.012 min

Lab File: BF136396.D

Acq: 04 Dec 2023 22:44

Instrument :

BNA_F

ClientSampleId :

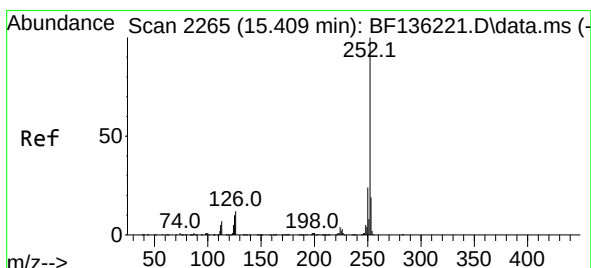
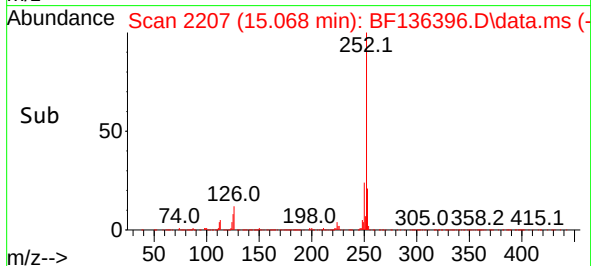
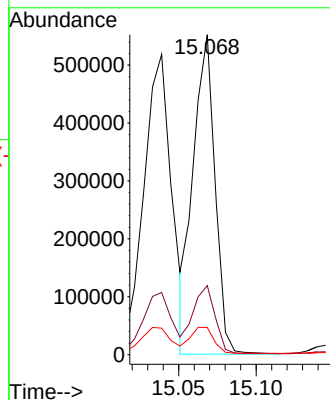
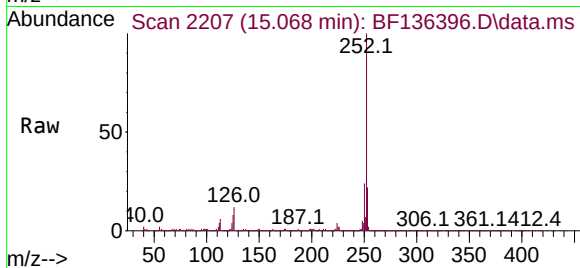
Tgt Ion:252 Resp: 541031

Ion Ratio Lower Upper

252 100

253 21.6 15.6 23.4

125 8.5 7.0 10.4



#90

Benzo(a)pyrene

Concen: 48.839 ng

RT: 15.410 min Scan# 2265

Delta R.T. 0.012 min

Lab File: BF136396.D

Acq: 04 Dec 2023 22:44

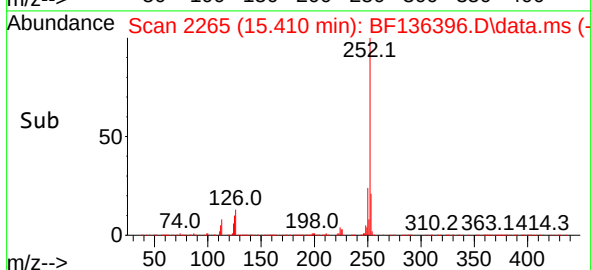
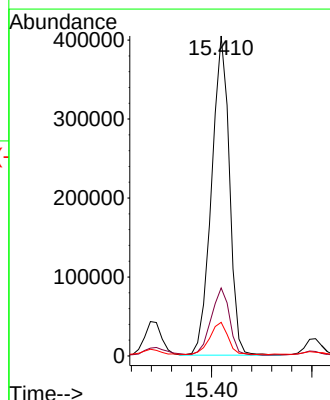
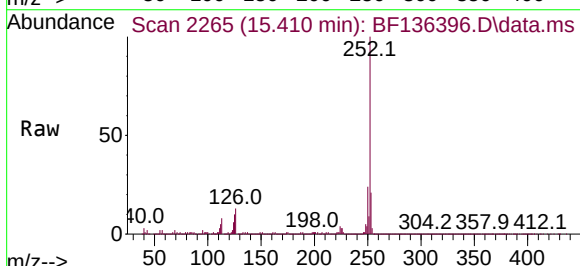
Tgt Ion:252 Resp: 499954

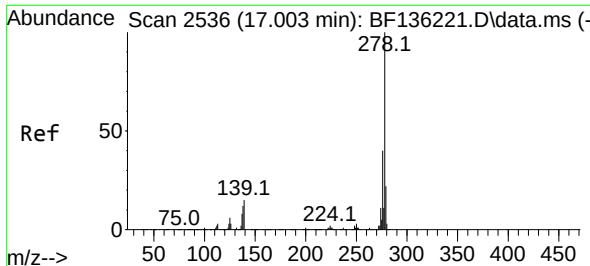
Ion Ratio Lower Upper

252 100

253 21.2 15.5 23.3

125 10.5 7.9 11.9

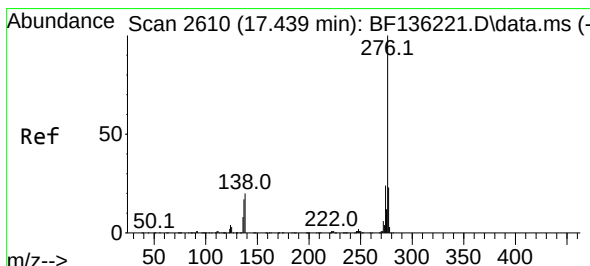
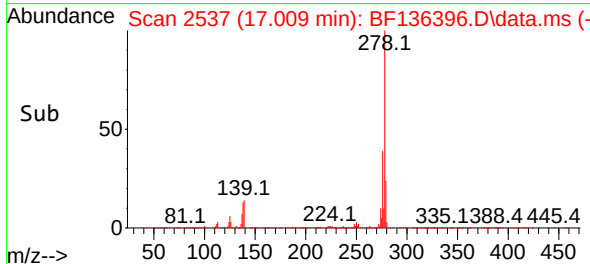
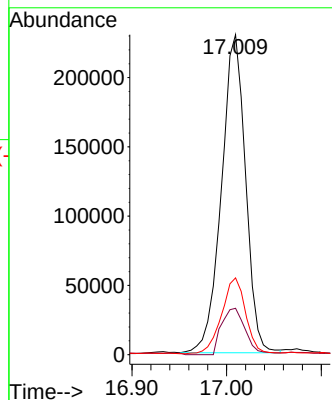
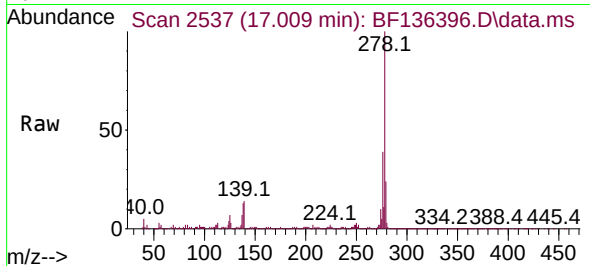




#91
 Dibenzo(a,h)anthracene
 Concen: 38.512 ng
 RT: 17.009 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: BF136396.D
 Acq: 04 Dec 2023 22:44

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:278 Resp: 406300
 Ion Ratio Lower Upper
 278 100
 139 14.5 11.7 17.5
 279 24.0 17.8 26.8



#92
 Benzo(g,h,i)perylene
 Concen: 38.964 ng
 RT: 17.451 min Scan# 2612
 Delta R.T. 0.030 min
 Lab File: BF136396.D
 Acq: 04 Dec 2023 22:44

Tgt Ion:276 Resp: 414663
 Ion Ratio Lower Upper
 276 100
 277 23.3 18.6 27.8
 138 19.6 15.8 23.8

