

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
 Data File : BF136361.D
 Acq On : 02 Dec 2023 05:10
 Operator : CG\JU
 Sample : 05388-01MS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 02 05:55:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	122227	20.000	ng	0.00
21) Naphthalene-d8	8.087	136	453720	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	173967	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	269823	20.000	ng	0.00
76) Chrysene-d12	13.992	240	242813	20.000	ng	0.00
86) Perylene-d12	15.468	264	213921	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	814787	92.783	ng	0.01
7) Phenol-d6	6.451	99	956593	87.119	ng	0.00
23) Nitrobenzene-d5	7.369	82	583764	67.989	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	175740	82.628	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	989334	72.639	ng	0.00
79) Terphenyl-d14	12.927	244	933149	44.329	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.657	88	126595	38.100	ng	96
3) Pyridine	3.416	79	303258	36.973	ng	92
4) n-Nitrosodimethylamine	3.381	42	151027	36.426	ng	90
6) Aniline	6.475	93	295329	28.456	ng	96
8) 2-Chlorophenol	6.593	128	380060	39.748	ng	95
9) Benzaldehyde	6.357	77	46480	7.595	ng	96
10) Phenol	6.463	94	447406	37.980	ng	96
11) bis(2-Chloroethyl)ether	6.551	93	352788	40.823	ng	93
12) 1,3-Dichlorobenzene	6.751	146	414511	38.200	ng	98
13) 1,4-Dichlorobenzene	6.828	146	428653	38.859	ng	98
14) 1,2-Dichlorobenzene	6.975	146	390296	37.373	ng	96
15) Benzyl Alcohol	6.951	79	283805	36.865	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.087	45	459782	38.303	ng	96
17) 2-Methylphenol	7.063	107	277737	36.947	ng	97
18) Hexachloroethane	7.316	117	147099	38.017	ng	96
19) n-Nitroso-di-n-propyla...	7.222	70	246411	37.522	ng	95
20) 3+4-Methylphenols	7.216	107	341146	34.919	ng	96
22) Acetophenone	7.216	105	515563	43.266	ng	# 93
24) Nitrobenzene	7.387	77	357832	41.125	ng	97
25) Isophorone	7.628	82	643578	41.569	ng	96
26) 2-Nitrophenol	7.704	139	177053	47.758	ng	93
27) 2,4-Dimethylphenol	7.739	122	229502	47.033	ng	96
28) bis(2-Chloroethoxy)met...	7.839	93	409825	43.763	ng	97
29) 2,4-Dichlorophenol	7.945	162	268524	40.798	ng	98
30) 1,2,4-Trichlorobenzene	8.028	180	327189	40.603	ng	98
31) Naphthalene	8.110	128	1024063	40.155	ng	98
32) Benzoic acid	7.845	122	126858	28.526	ng	95
33) 4-Chloroaniline	8.157	127	156741	18.081	ng	94
34) Hexachlorobutadiene	8.222	225	191677	40.658	ng	99
35) Caprolactam	8.522	113	55017	29.902	ng	99
36) 4-Chloro-3-methylphenol	8.639	107	247241	34.636	ng	98
37) 2-Methylnaphthalene	8.798	142	587830	36.745	ng	96
38) 1-Methylnaphthalene	8.898	142	558074	35.760	ng	91
40) 1,2,4,5-Tetrachloroben...	8.963	216	277290	50.084	ng	98
41) Hexachlorocyclopentadiene	8.951	237	140631	66.013	ng	99
43) 2,4,6-Trichlorophenol	9.075	196	153025	42.583	ng	92

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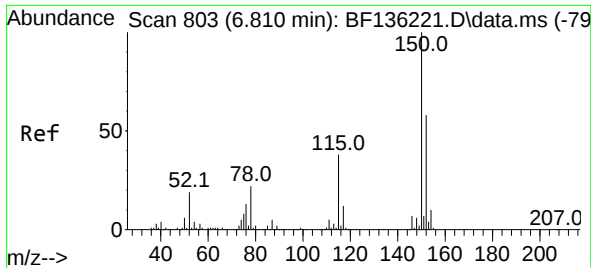
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	157742	40.223	ng	98
46) 1,1'-Biphenyl	9.263	154	721450	47.027	ng	96
47) 2-Chloronaphthalene	9.286	162	526692	44.209	ng	96
48) 2-Nitroaniline	9.386	65	131376	42.236	ng	# 81
49) Acenaphthylene	9.704	152	761399	44.783	ng	97
50) Dimethylphthalate	9.569	163	588111	44.727	ng	# 99
51) 2,6-Dinitrotoluene	9.628	165	115431	42.972	ng	96
52) Acenaphthene	9.875	154	439914	40.944	ng	95
53) 3-Nitroaniline	9.792	138	84033	31.528	ng	94
54) 2,4-Dinitrophenol	9.904	184	33531	26.840	ng	# 83
55) Dibenzofuran	10.051	168	642592	40.193	ng	96
56) 4-Nitrophenol	9.957	139	152718	75.442	ng	92
57) 2,4-Dinitrotoluene	10.033	165	138032	38.469	ng	94
58) Fluorene	10.392	166	469780	37.461	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.169	232	112934	36.194	ng	98
60) Diethylphthalate	10.269	149	515508	39.193	ng	97
61) 4-Chlorophenyl-phenyle...	10.386	204	236763	38.876	ng	98
62) 4-Nitroaniline	10.410	138	89941	34.474	ng	95
63) Azobenzene	10.545	77	438510	35.962	ng	97
65) 4,6-Dinitro-2-methylph...	10.439	198	31389	21.273	ng	86
66) n-Nitrosodiphenylamine	10.504	169	401078	46.384	ng	95
67) 4-Bromophenyl-phenylether	10.875	248	137208	43.587	ng	95
68) Hexachlorobenzene	10.939	284	151819	41.671	ng	93
69) Atrazine	11.033	200	129361	50.432	ng	98
70) Pentachlorophenol	11.133	266	172973	83.992	ng	96
71) Phenanthrene	11.357	178	658773	43.440	ng	98
72) Anthracene	11.410	178	666052	43.796	ng	99
73) Carbazole	11.569	167	587764	45.441	ng	99
74) Di-n-butylphthalate	11.904	149	728844	45.035	ng	98
75) Fluoranthene	12.551	202	768827	49.939	ng	96
77) Benzidine	12.674	184	174654	43.757	ng	96
78) Pyrene	12.780	202	782320	29.419	ng	97
80) Butylbenzylphthalate	13.410	149	333390	40.283	ng	99
81) Benzo(a)anthracene	13.980	228	743211	41.209	ng	99
82) 3,3'-Dichlorobenzidine	13.945	252	241580	55.646	ng	94
83) Chrysene	14.016	228	718011	41.232	ng	98
84) Bis(2-ethylhexyl)phtha...	13.974	149	477224	48.047	ng	# 98
85) Di-n-octyl phthalate	14.592	149	904648	55.211	ng	98
87) Indeno(1,2,3-cd)pyrene	16.974	276	465285	30.153	ng	98
88) Benzo(b)fluoranthene	15.039	252	666384	44.401	ng	99
89) Benzo(k)fluoranthene	15.068	252	629070	44.132	ng	98
90) Benzo(a)pyrene	15.410	252	512393	41.763	ng	98
91) Dibenzo(a,h)anthracene	16.998	278	393931	31.673	ng	98
92) Benzo(g,h,i)perylene	17.433	276	368037	29.348	ng	96

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

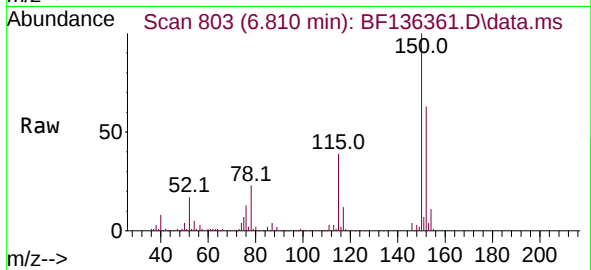
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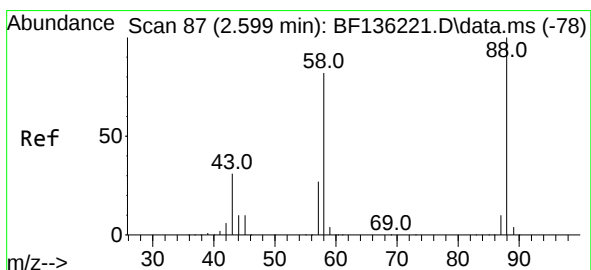
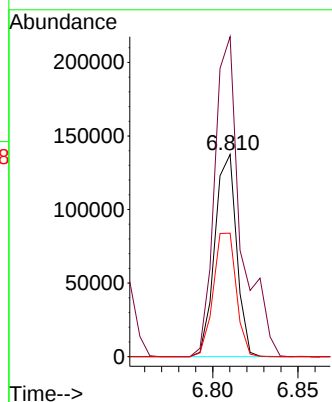
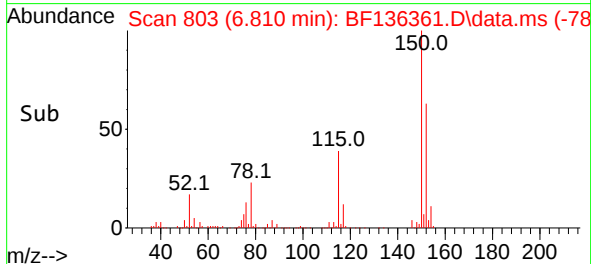


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.810 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF136361.D
 Acq: 02 Dec 2023 05:10

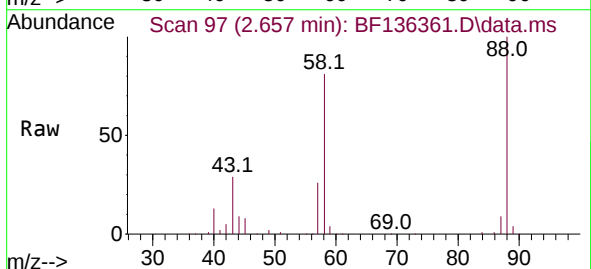
Instrument :
 BNA_F
 ClientSampleId :



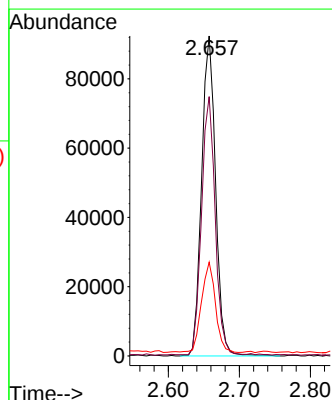
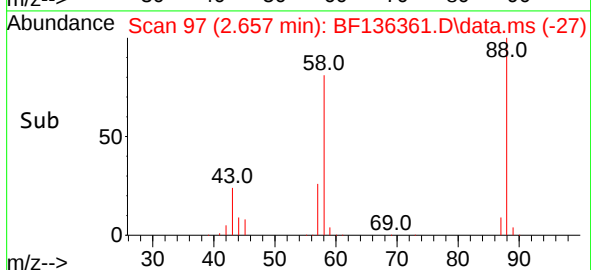
Tgt Ion:152 Resp: 122227
 Ion Ratio Lower Upper
 152 100
 150 158.3 137.8 206.8
 115 61.1 52.7 79.1

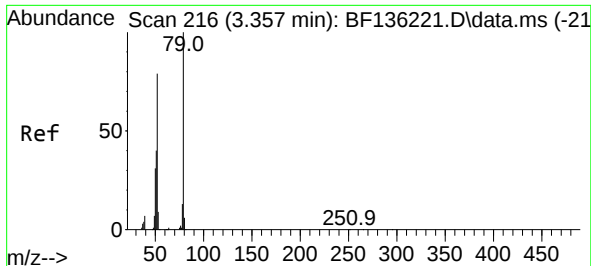


#2
 1,4-Dioxane
 Concen: 38.100 ng
 RT: 2.657 min Scan# 97
 Delta R.T. 0.059 min
 Lab File: BF136361.D
 Acq: 02 Dec 2023 05:10



Tgt Ion: 88 Resp: 126595
 Ion Ratio Lower Upper
 88 100
 58 78.7 65.9 98.9
 43 28.3 24.8 37.2

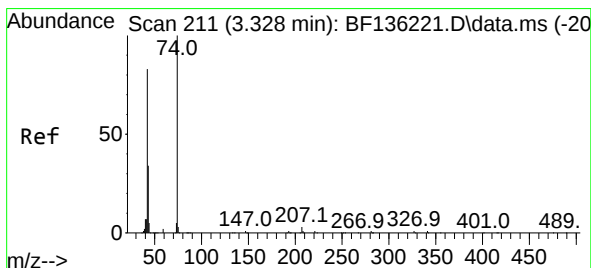
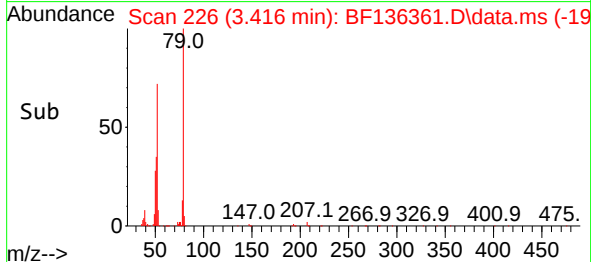
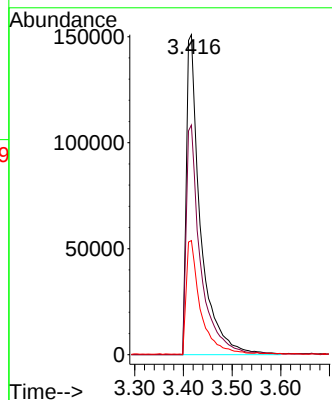
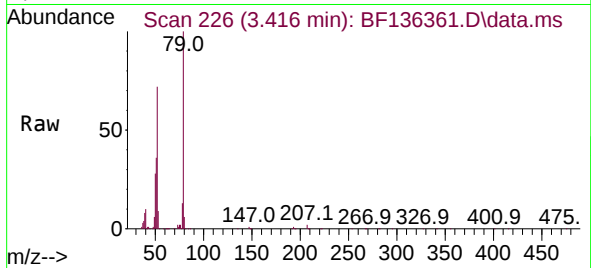




#3
 Pyridine
 Concen: 36.973 ng
 RT: 3.416 min Scan# 21
 Delta R.T. 0.059 min
 Lab File: BF136361.D
 Acq: 02 Dec 2023 05:10

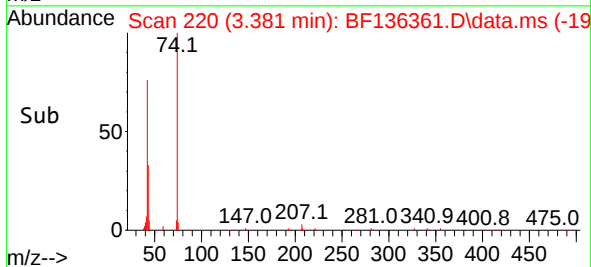
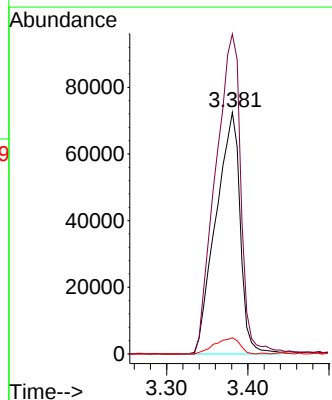
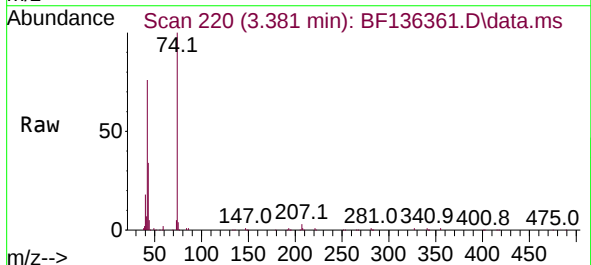
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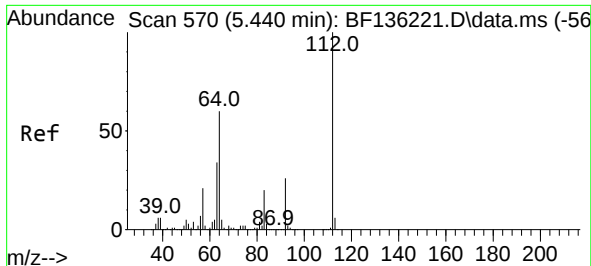
Tgt Ion: 79 Resp: 303258
 Ion Ratio Lower Upper
 79 100
 52 71.7 63.2 94.8
 51 35.7 32.6 49.0



#4
 n-Nitrosodimethylamine
 Concen: 36.426 ng
 RT: 3.381 min Scan# 220
 Delta R.T. 0.053 min
 Lab File: BF136361.D
 Acq: 02 Dec 2023 05:10

Tgt Ion: 42 Resp: 151027
 Ion Ratio Lower Upper
 42 100
 74 132.4 96.6 144.8
 44 6.7 5.4 8.2

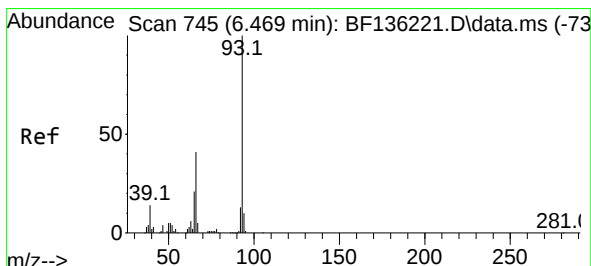
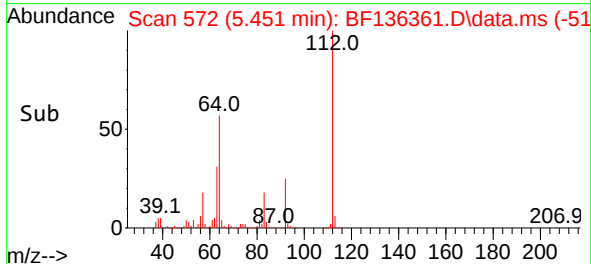
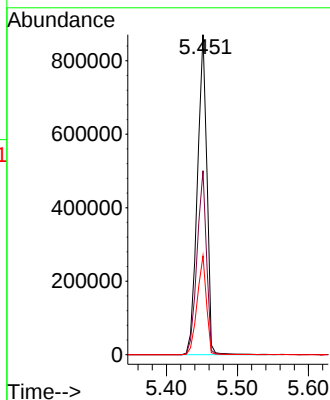
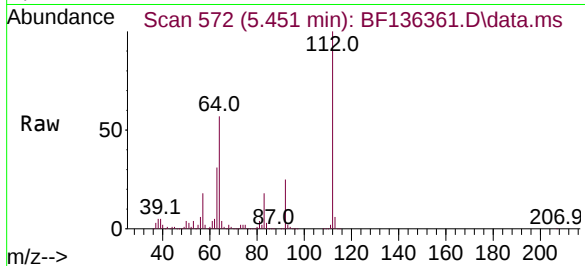




#5
2-Fluorophenol
Concen: 92.783 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF136361.D
Acq: 02 Dec 2023 05:10

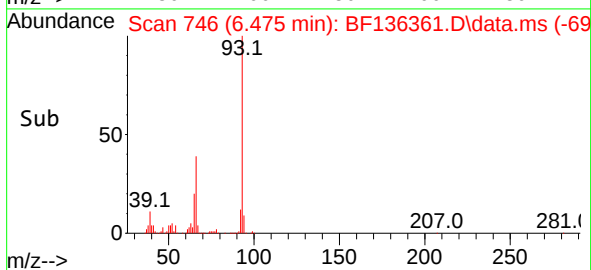
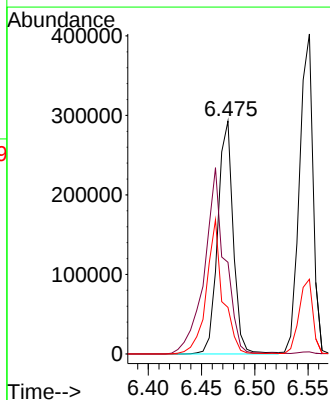
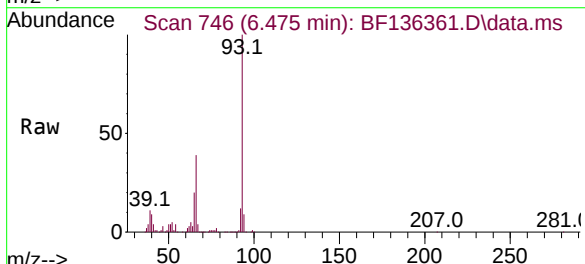
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BNA_F
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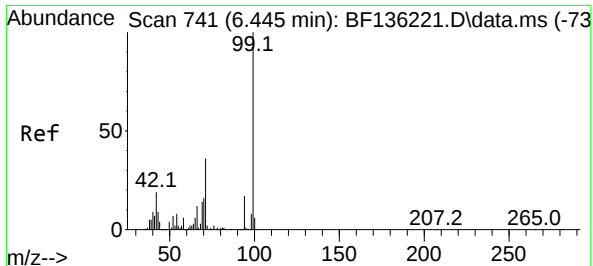
Tgt Ion:112 Resp: 814787
Ion Ratio Lower Upper
112 100
64 57.5 48.2 72.4
63 30.9 27.0 40.6



#6
Aniline
Concen: 28.456 ng
RT: 6.475 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF136361.D
Acq: 02 Dec 2023 05:10

Tgt Ion: 93 Resp: 295329
Ion Ratio Lower Upper
93 100
66 39.4 34.1 51.1
65 20.0 17.3 25.9





#7

Phenol-d6

Concen: 87.119 ng

RT: 6.451 min Scan# 741

Delta R.T. 0.006 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

Instrument :

BNF

ClientSampleId :

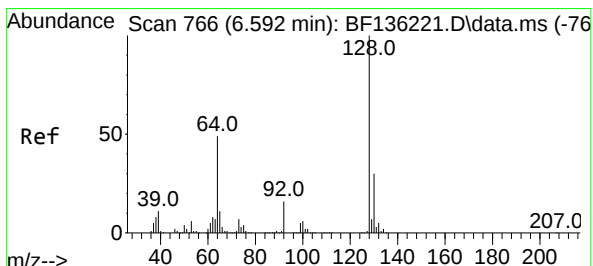
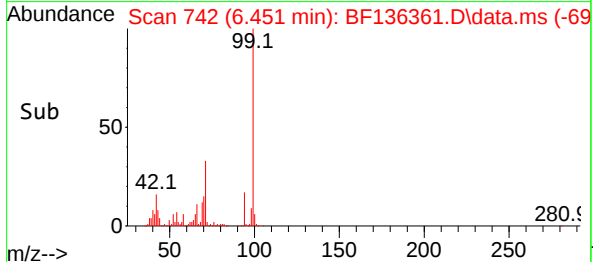
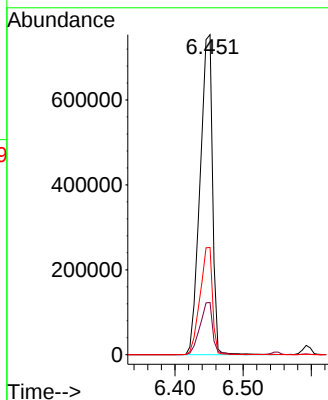
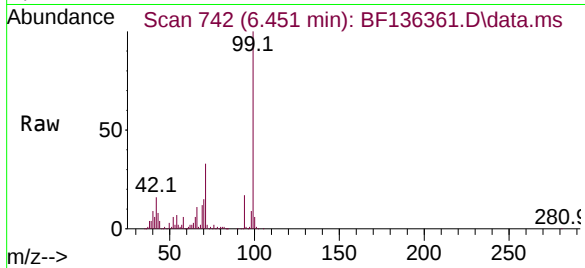
Tgt Ion: 99 Resp: 956593

Ion Ratio Lower Upper

99 100

42 16.3 15.0 22.6

71 33.5 28.9 43.3



#8

2-Chlorophenol

Concen: 39.748 ng

RT: 6.593 min Scan# 766

Delta R.T. 0.000 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

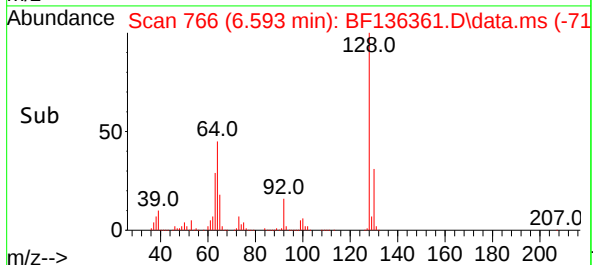
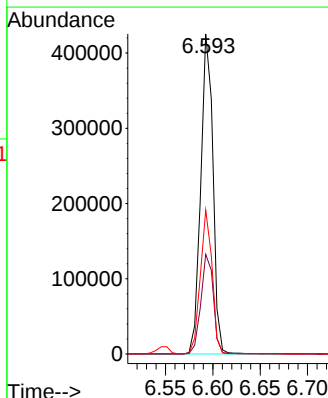
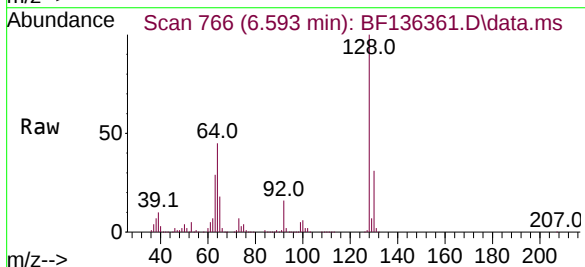
Tgt Ion:128 Resp: 380060

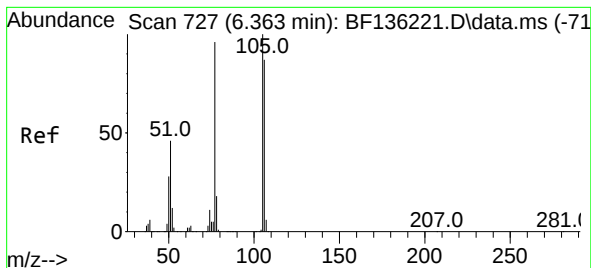
Ion Ratio Lower Upper

128 100

130 31.2 10.3 50.3

64 45.0 30.0 70.0





#9

Benzaldehyde

Concen: 7.595 ng

RT: 6.357 min Scan# 71

Delta R.T. -0.006 min

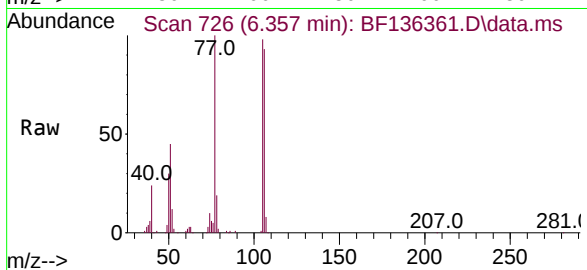
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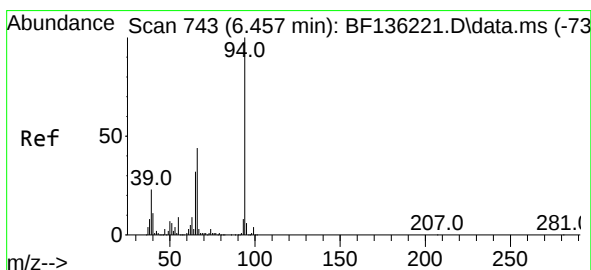
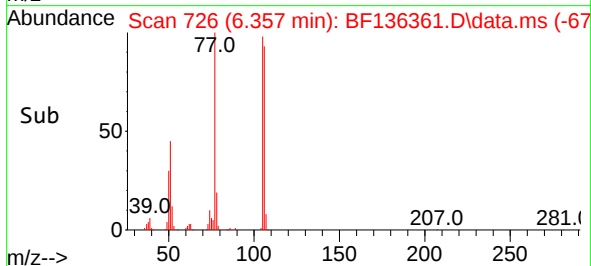
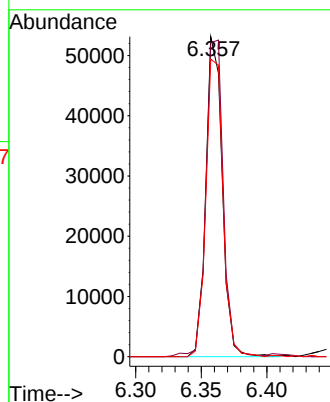
Tgt Ion: 77 Resp: 46480

Ion Ratio Lower Upper

77 100

105 98.1 84.3 124.3

106 93.0 71.0 111.0



#10

Phenol

Concen: 37.980 ng

RT: 6.463 min Scan# 744

Delta R.T. 0.006 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

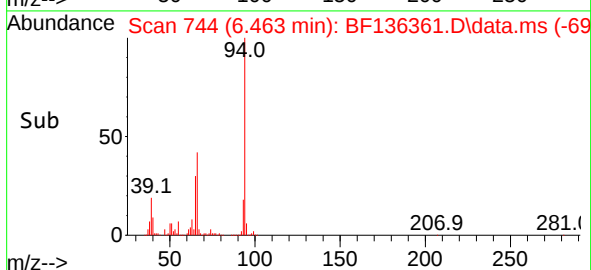
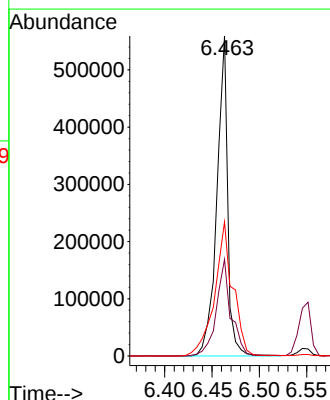
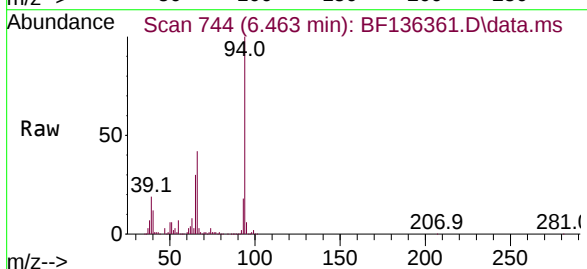
Tgt Ion: 94 Resp: 447406

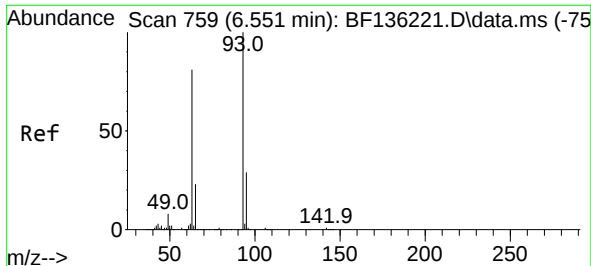
Ion Ratio Lower Upper

94 100

65 30.2 12.5 52.5

66 41.9 24.1 64.1





#11

bis(2-Chloroethyl)ether

Concen: 40.823 ng

RT: 6.551 min Scan# 759

Delta R.T. 0.000 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

Instrument :

BNA_F

ClientSampleId :

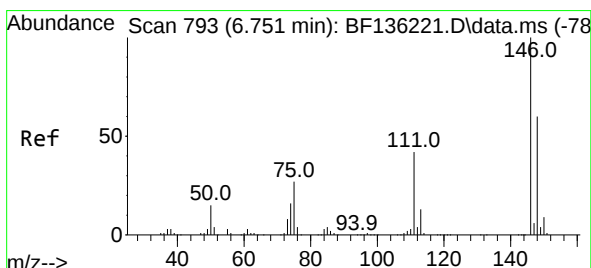
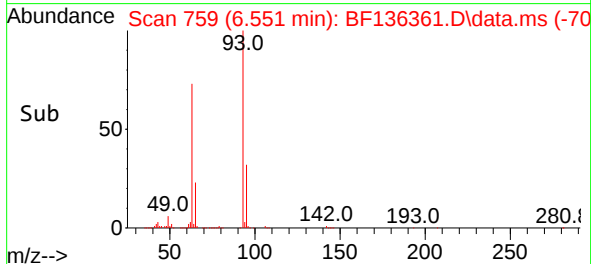
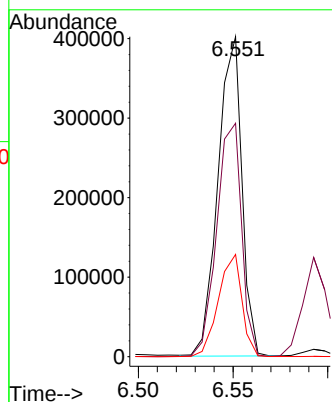
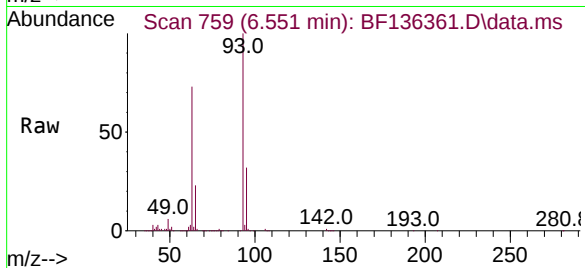
Tgt Ion: 93 Resp: 352788

Ion Ratio Lower Upper

93 100

63 73.0 60.2 100.2

95 32.0 9.1 49.1



#12

1,3-Dichlorobenzene

Concen: 38.200 ng

RT: 6.751 min Scan# 793

Delta R.T. 0.000 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

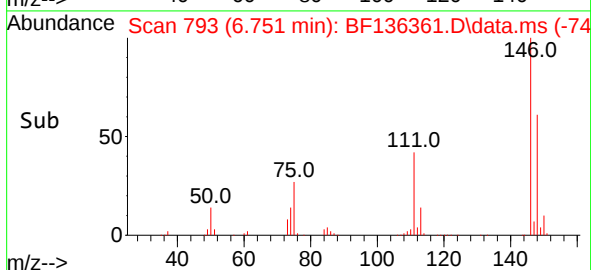
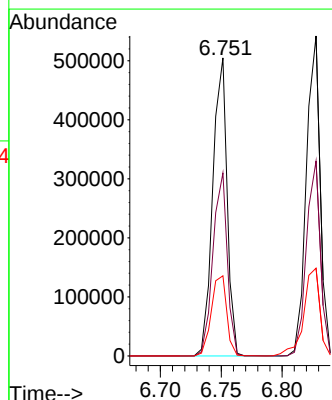
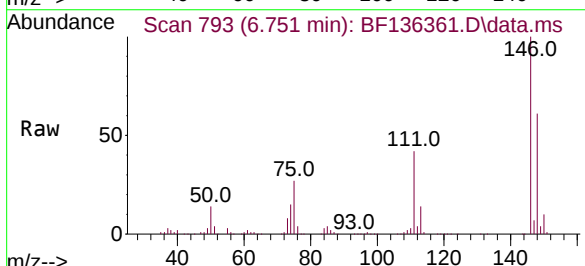
Tgt Ion: 146 Resp: 414511

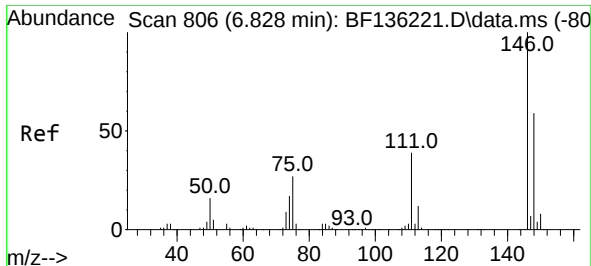
Ion Ratio Lower Upper

146 100

148 61.4 47.8 71.6

75 26.9 22.0 33.0





#13

1,4-Dichlorobenzene

Concen: 38.859 ng

RT: 6.828 min Scan# 806

Delta R.T. 0.000 min

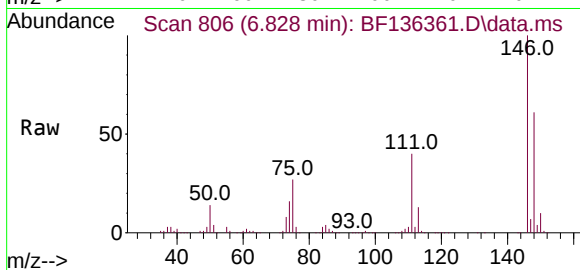
Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

Instrument :

BNA_F

ClientSampleId :



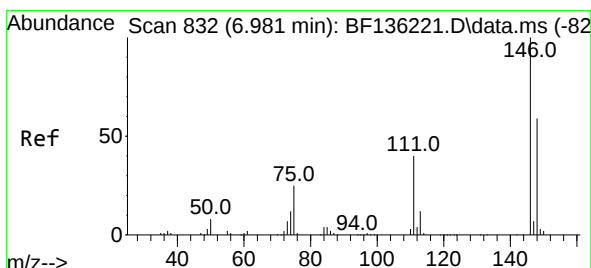
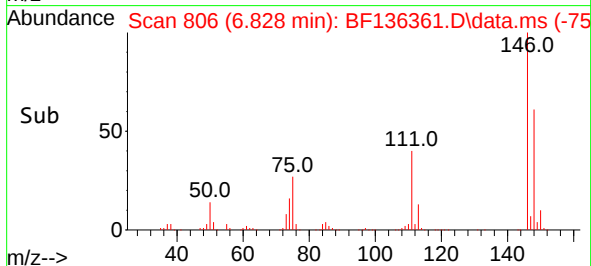
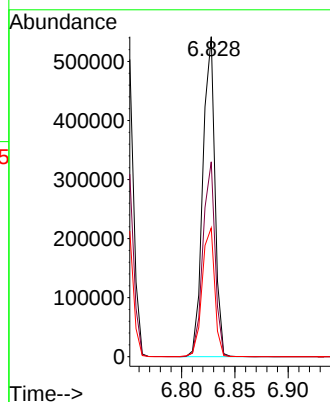
Tgt Ion:146 Resp: 428653

Ion Ratio Lower Upper

146 100

148 60.9 47.0 70.6

111 40.3 31.5 47.3



#14

1,2-Dichlorobenzene

Concen: 37.373 ng

RT: 6.975 min Scan# 831

Delta R.T. -0.006 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

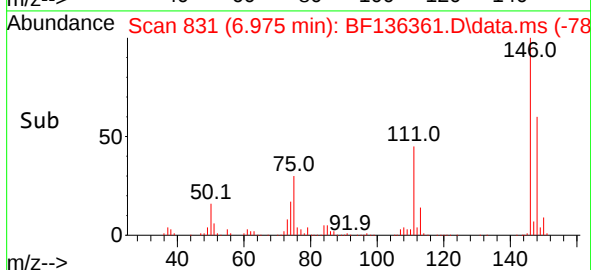
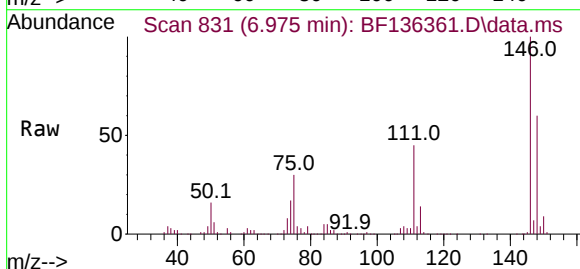
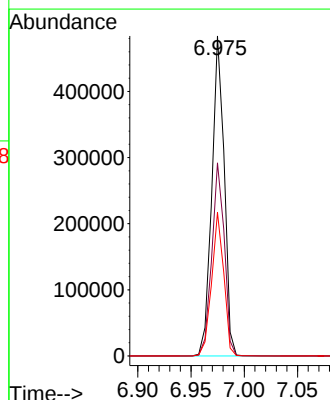
Tgt Ion:146 Resp: 390296

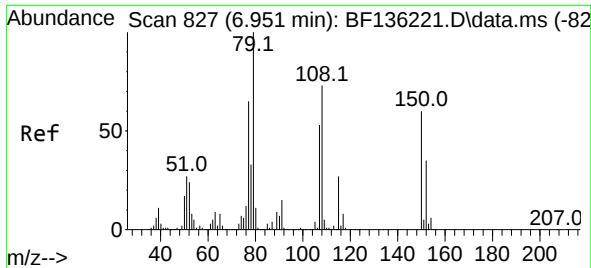
Ion Ratio Lower Upper

146 100

148 60.3 47.3 70.9

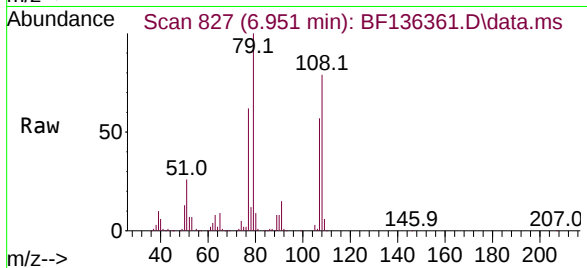
111 44.9 32.4 48.6



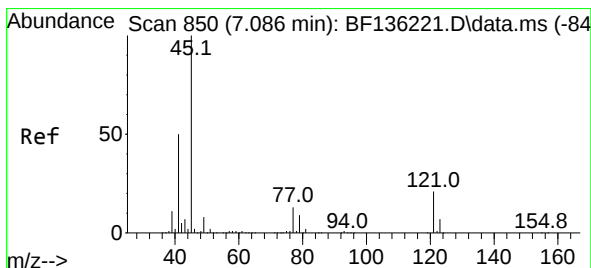
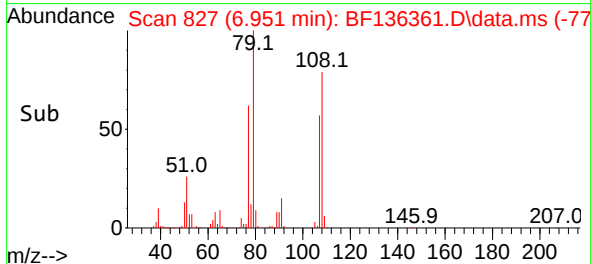
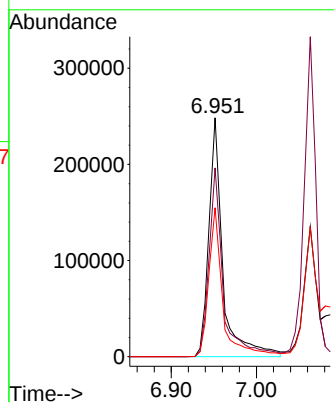


#15
Benzyl Alcohol
Concen: 36.865 ng
RT: 6.951 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136361.D
Acq: 02 Dec 2023 05:10

Instrument :
BNA_F
ClientSampleId :

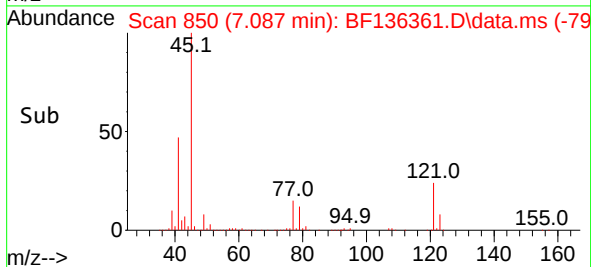
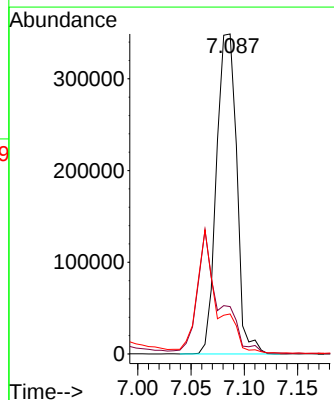
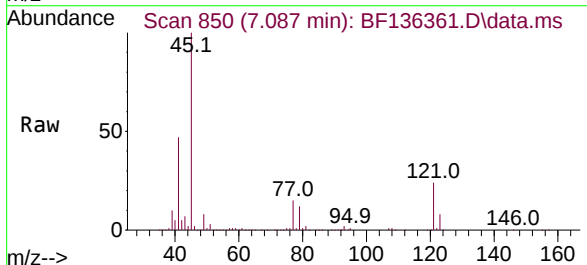


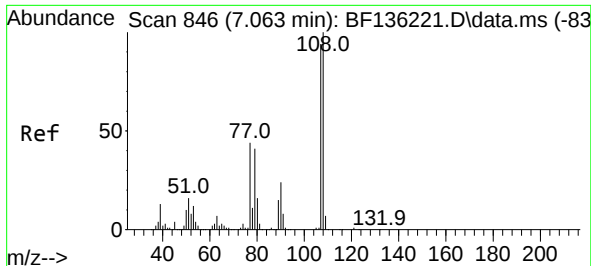
Tgt Ion: 79 Resp: 283805
Ion Ratio Lower Upper
79 100
108 79.0 58.1 87.1
77 62.3 51.8 77.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.303 ng
RT: 7.087 min Scan# 850
Delta R.T. 0.000 min
Lab File: BF136361.D
Acq: 02 Dec 2023 05:10

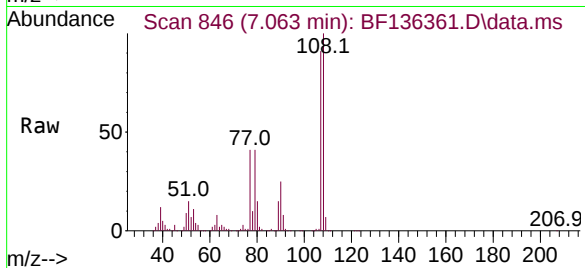
Tgt Ion: 45 Resp: 459782
Ion Ratio Lower Upper
45 100
77 14.8 0.0 34.0
79 12.5 0.0 30.1



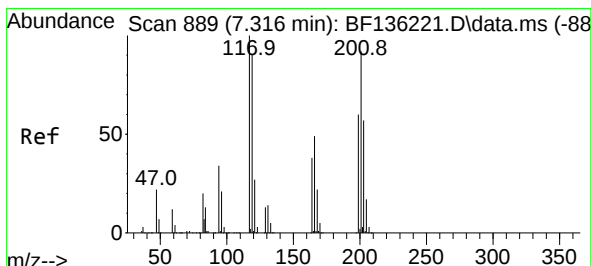
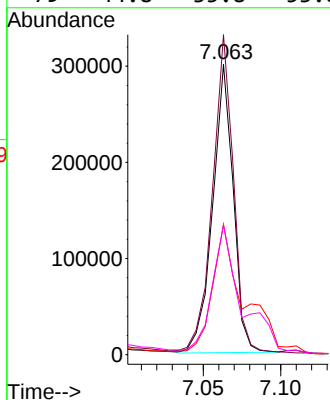
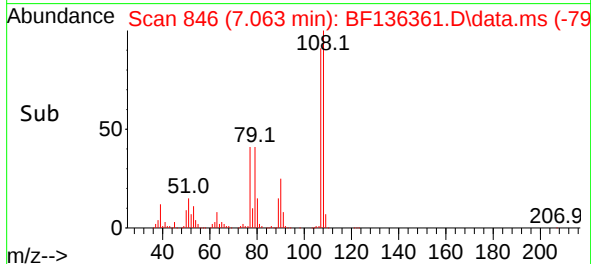


#17
2-Methylphenol
Concen: 36.947 ng
RT: 7.063 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF136361.D
Acq: 02 Dec 2023 05:10

Instrument :
BNA_F
ClientSampleId :

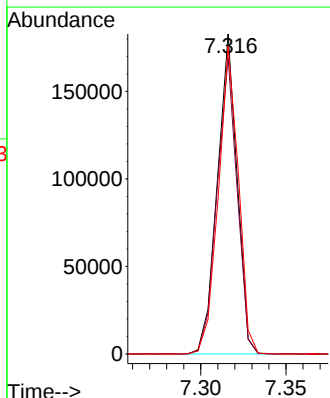
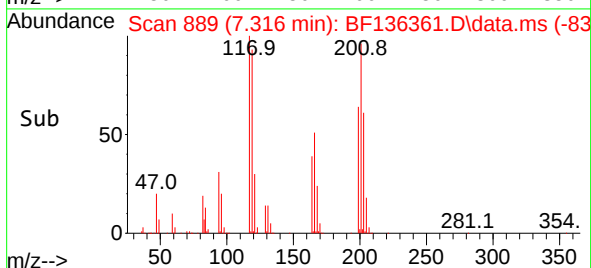
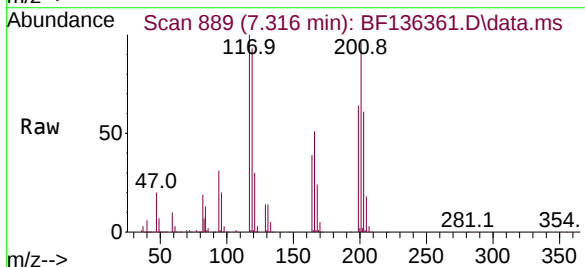


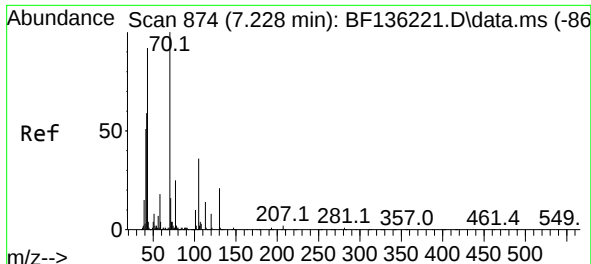
Tgt Ion:	107	Resp:	277737
Ion	Ratio	Lower	Upper
107	100		
108	110.2	85.4	128.0
77	44.8	37.4	56.2
79	44.8	35.8	53.8



#18
Hexachloroethane
Concen: 38.017 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF136361.D
Acq: 02 Dec 2023 05:10

Tgt Ion:	117	Resp:	147099
Ion	Ratio	Lower	Upper
117	100		
119	92.7	71.6	107.4
201	96.1	73.4	110.2





#19

n-Nitroso-di-n-propylamine

Concen: 37.522 ng

RT: 7.222 min Scan# 81

Delta R.T. -0.006 min

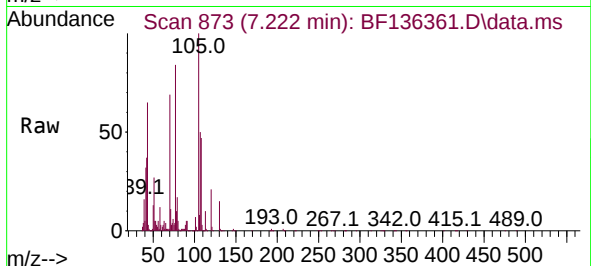
Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 70 Resp: 246411

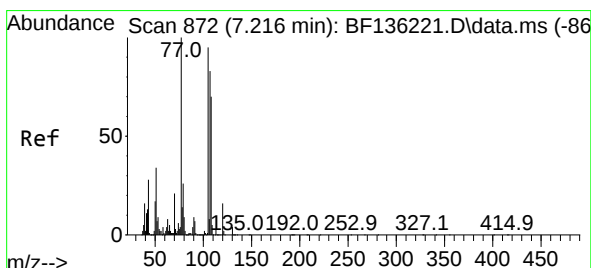
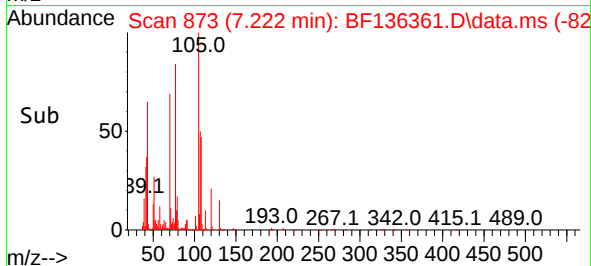
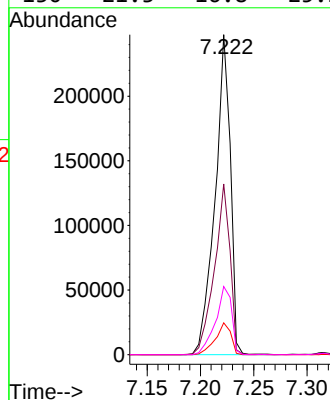
Ion Ratio Lower Upper

70 100

42 53.4 47.0 70.4

101 10.0 7.8 11.8

130 21.3 16.8 25.2



#20

3+4-Methylphenols

Concen: 34.919 ng

RT: 7.216 min Scan# 872

Delta R.T. 0.000 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

Tgt Ion: 107 Resp: 341146

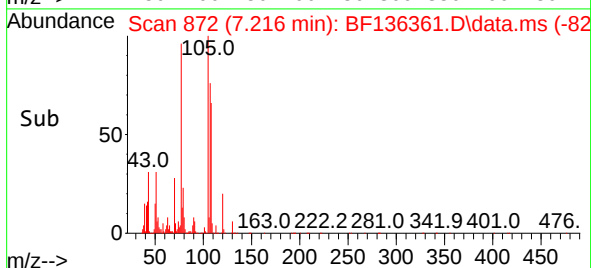
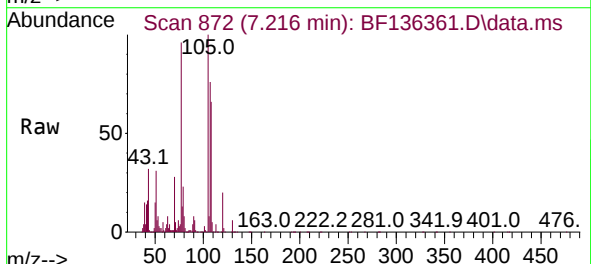
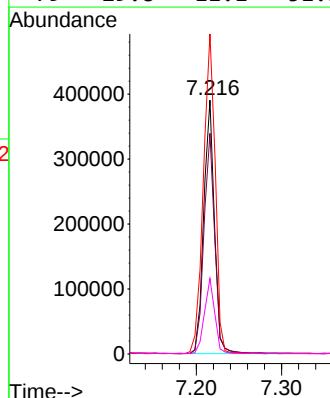
Ion Ratio Lower Upper

107 100

108 86.9 63.9 103.9

77 126.1 100.2 140.2

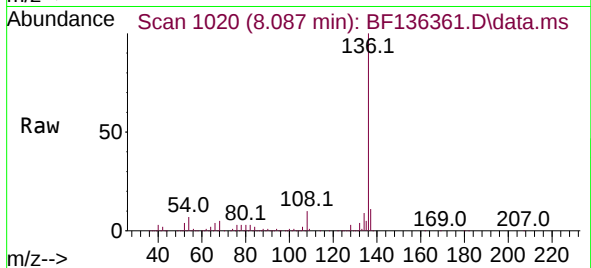
79 29.8 11.1 51.1



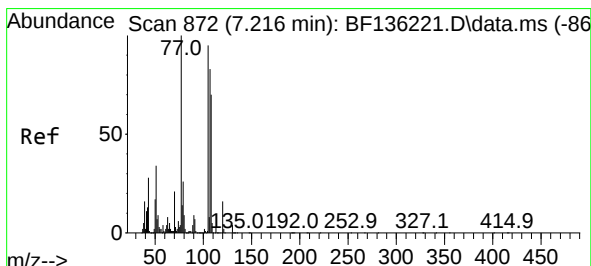
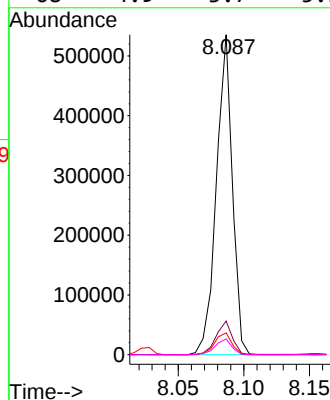
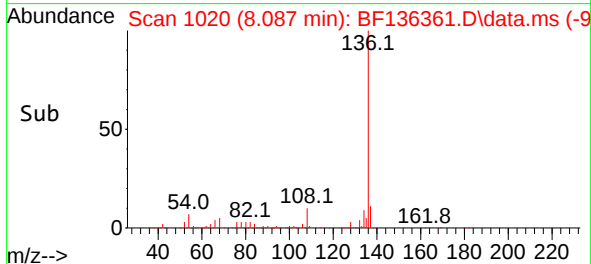


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.087 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BF136361.D
Acq: 02 Dec 2023 05:10

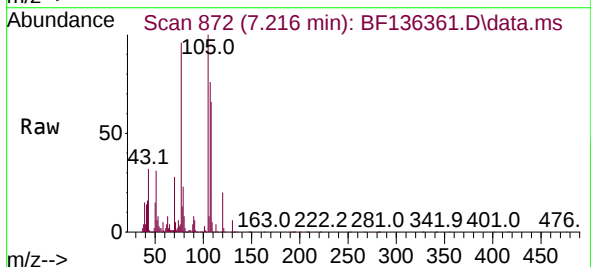
Instrument :
BNA_F
ClientSampleId :



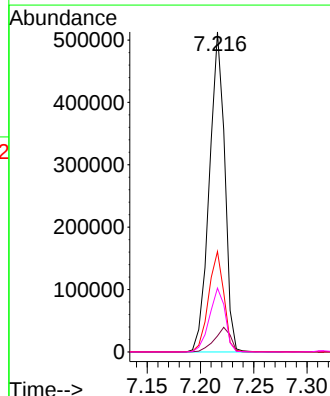
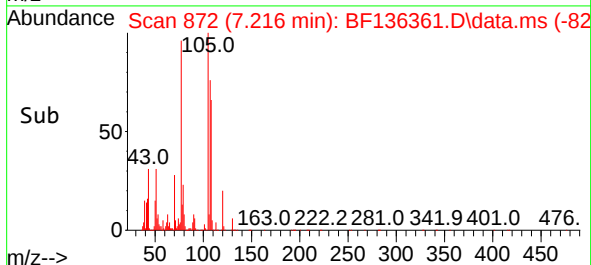
Tgt Ion:136 Resp: 453720
Ion Ratio Lower Upper
136 100
137 10.5 7.4 11.2
54 6.8 5.5 8.3
68 4.9 3.7 5.5

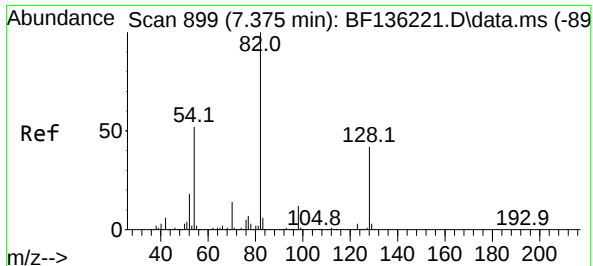


#22
Acetophenone
Concen: 43.266 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF136361.D
Acq: 02 Dec 2023 05:10



Tgt Ion:105 Resp: 515563
Ion Ratio Lower Upper
105 100
71 5.0 2.8 4.2#
51 31.4 29.0 43.6
120 20.0 13.9 20.9





#23

Nitrobenzene-d5

Concen: 67.989 ng

RT: 7.369 min Scan# 89

Delta R.T. -0.006 min

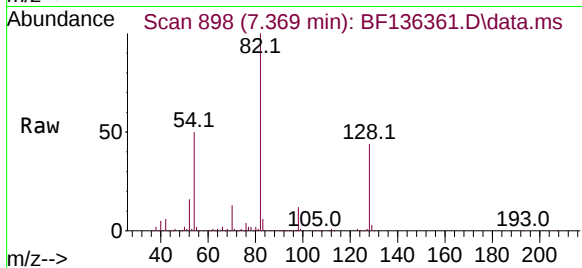
Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

Instrument :

BNA_F

ClientSampleId :



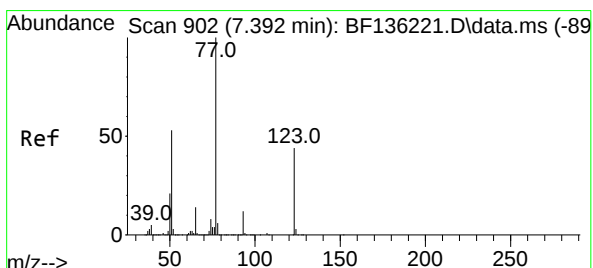
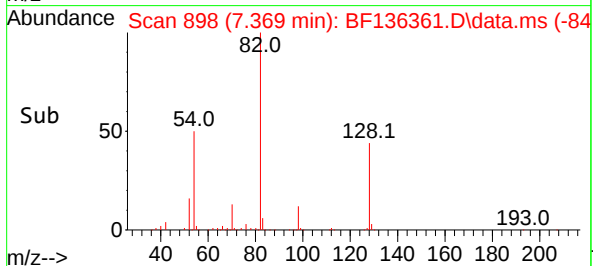
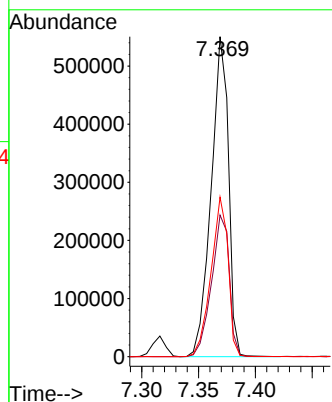
Tgt Ion: 82 Resp: 583764

Ion Ratio Lower Upper

82 100

128 44.3 33.4 50.2

54 49.8 41.7 62.5



#24

Nitrobenzene

Concen: 41.125 ng

RT: 7.387 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

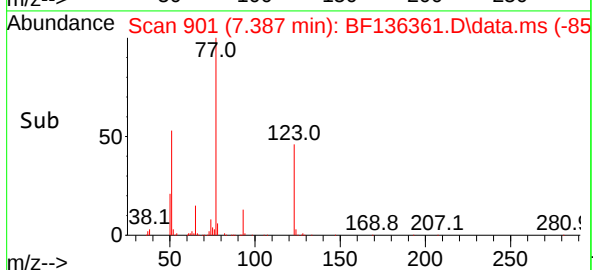
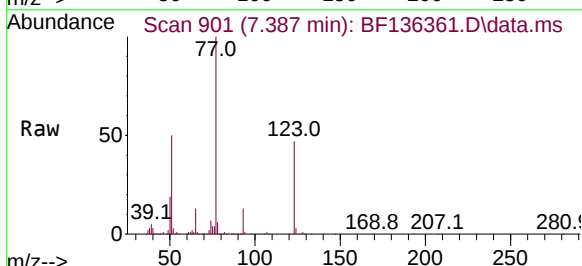
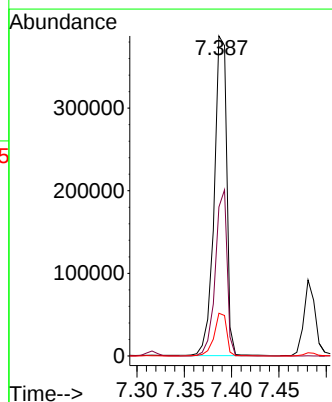
Tgt Ion: 77 Resp: 357832

Ion Ratio Lower Upper

77 100

123 46.6 35.4 53.2

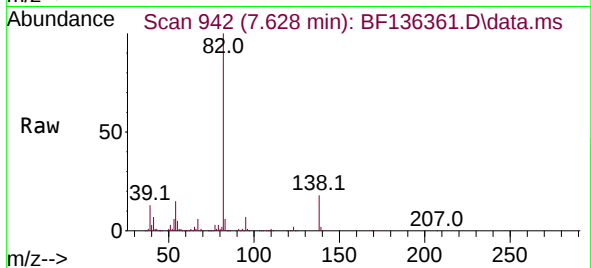
65 13.3 11.0 16.6



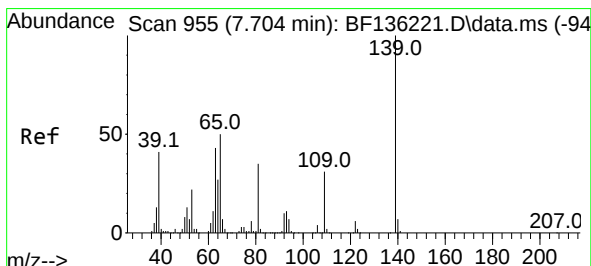
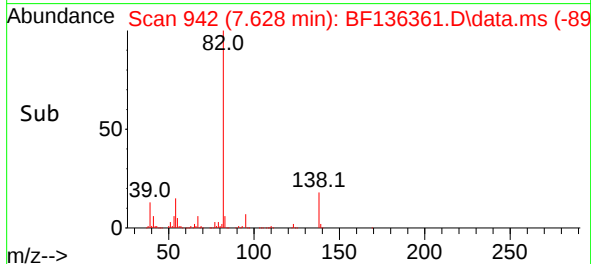
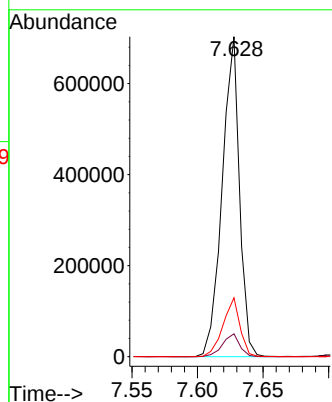


#25
Isophorone
Concen: 41.569 ng
RT: 7.628 min Scan# 942
Delta R.T. 0.000 min
Lab File: BF136361.D
Acq: 02 Dec 2023 05:10

Instrument :
BNA_F
ClientSampleId :

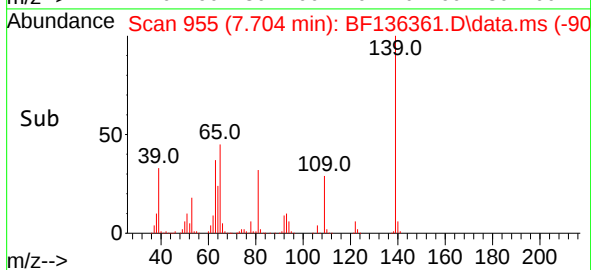
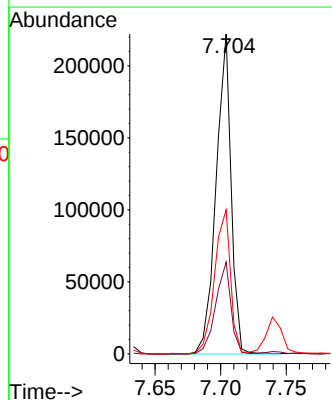
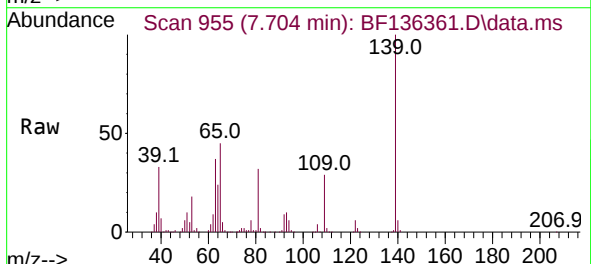


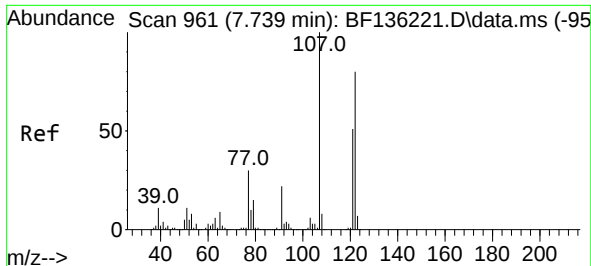
Tgt Ion: 82 Resp: 643578
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 18.4 12.8 19.2



#26
2-Nitrophenol
Concen: 47.758 ng
RT: 7.704 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF136361.D
Acq: 02 Dec 2023 05:10

Tgt Ion: 139 Resp: 177053
Ion Ratio Lower Upper
139 100
109 28.7 25.0 37.6
65 45.1 40.4 60.6

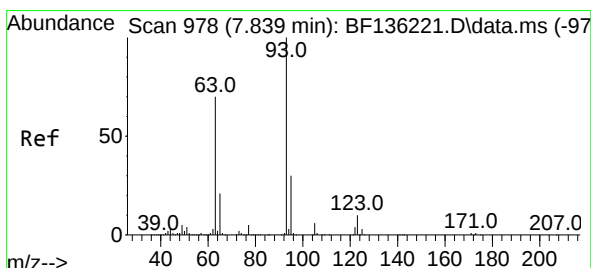
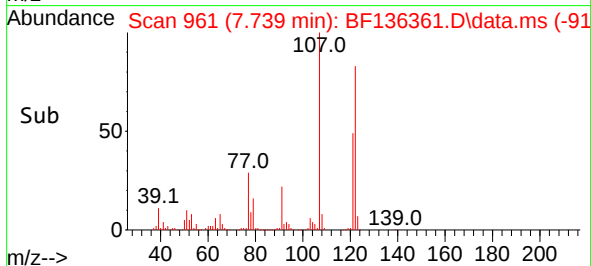
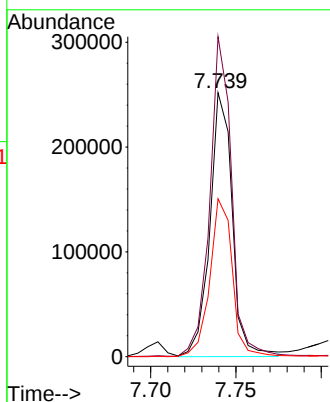
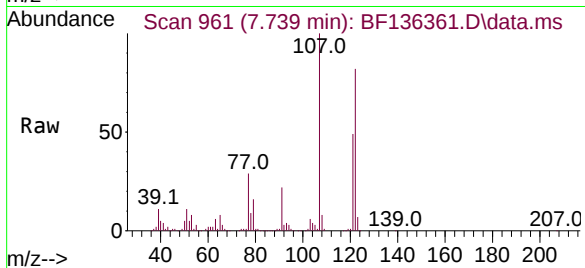




#27
2,4-Dimethylphenol
Concen: 47.033 ng
RT: 7.739 min Scan# 961
Delta R.T. 0.000 min
Lab File: BF136361.D
Acq: 02 Dec 2023 05:10

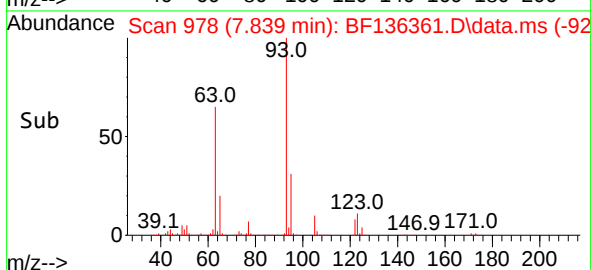
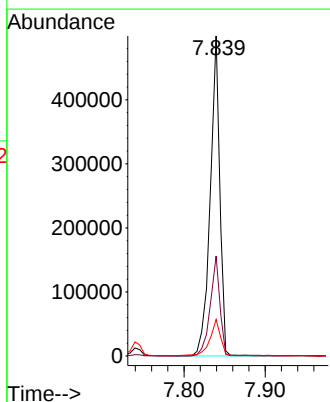
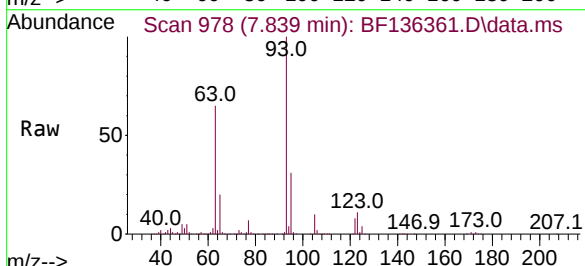
Instrument :
BNA_F
ClientSampleId :

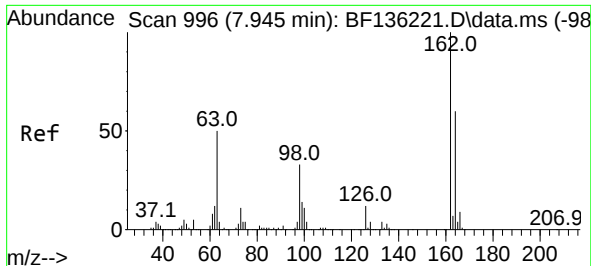
Tgt Ion:122 Resp: 229502
Ion Ratio Lower Upper
122 100
107 121.2 100.0 150.0
121 59.8 50.7 76.1



#28
bis(2-Chloroethoxy)methane
Concen: 43.763 ng
RT: 7.839 min Scan# 978
Delta R.T. 0.000 min
Lab File: BF136361.D
Acq: 02 Dec 2023 05:10

Tgt Ion: 93 Resp: 409825
Ion Ratio Lower Upper
93 100
95 31.2 23.8 35.6
123 11.4 8.2 12.4





#29

2,4-Dichlorophenol

Concen: 40.798 ng

RT: 7.945 min Scan# 996

Delta R.T. 0.000 min

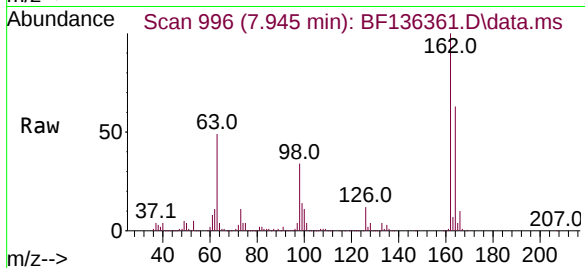
Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

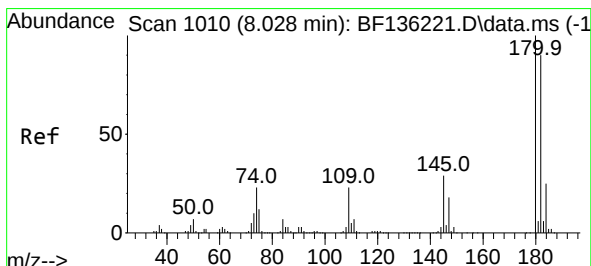
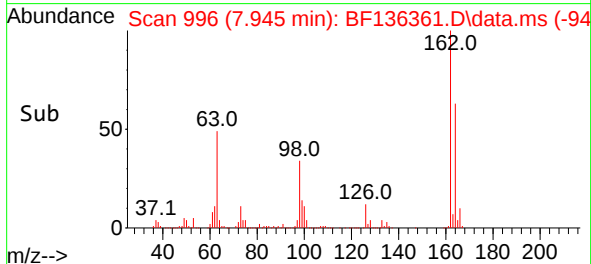
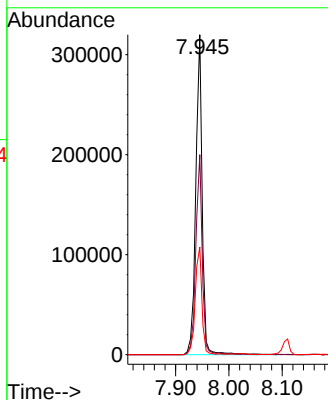
Instrument :

BNA_F

ClientSampleId :



Tgt Ion:	162	Resp:	268524
Ion	Ratio	Lower	Upper
162	100		
164	62.5	40.3	80.3
98	33.7	13.0	53.0



#30

1,2,4-Trichlorobenzene

Concen: 40.603 ng

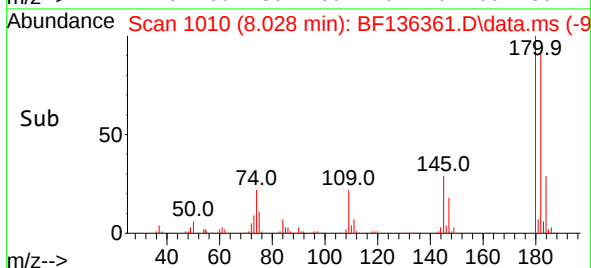
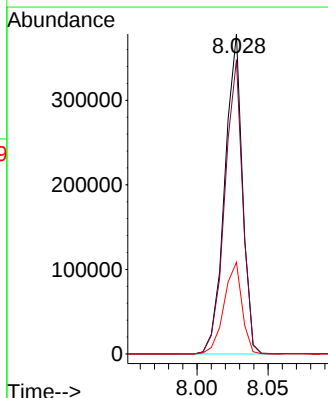
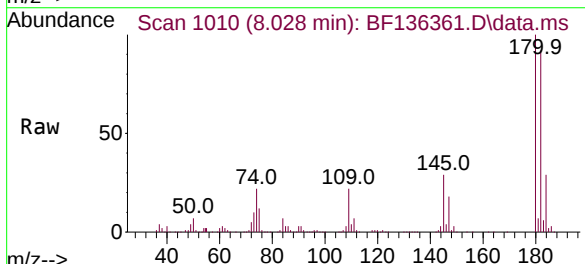
RT: 8.028 min Scan# 1010

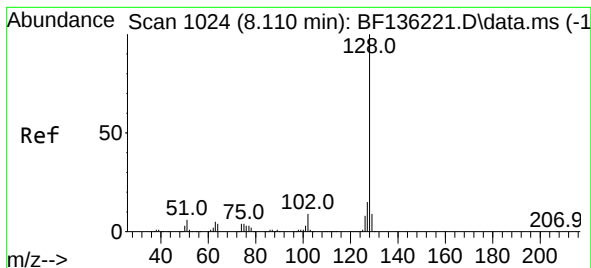
Delta R.T. 0.000 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

Tgt Ion:	180	Resp:	327189
Ion	Ratio	Lower	Upper
180	100		
182	92.0	71.6	107.4
145	28.6	23.0	34.4





#31

Naphthalene

Concen: 40.155 ng

RT: 8.110 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

Instrument :

BNA_F

ClientSampleId :

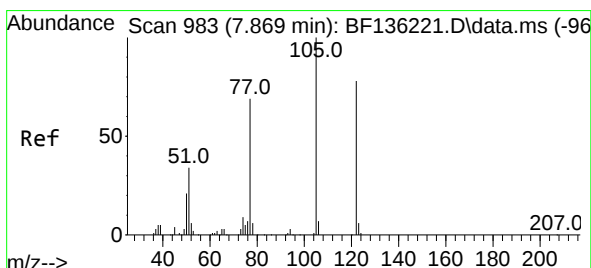
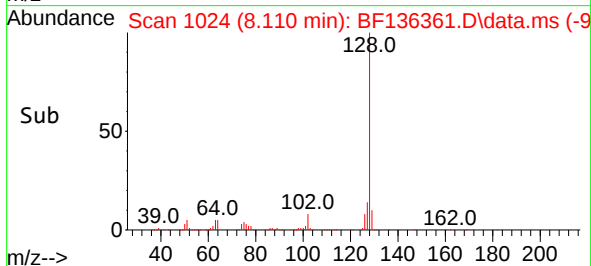
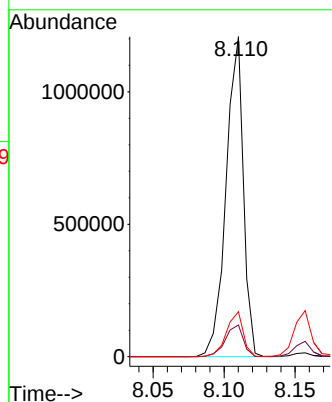
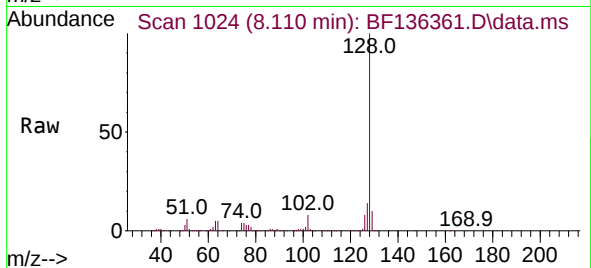
Tgt Ion:128 Resp: 1024063

Ion Ratio Lower Upper

128 100

129 9.9 7.3 10.9

127 14.1 11.8 17.6



#32

Benzoic acid

Concen: 28.526 ng

RT: 7.845 min Scan# 979

Delta R.T. -0.023 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

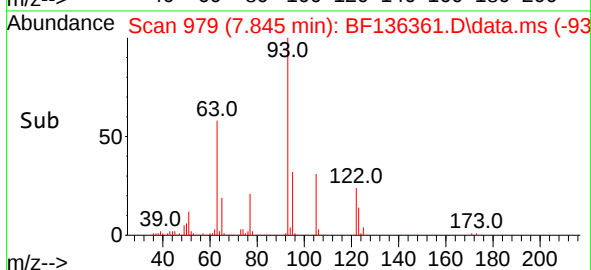
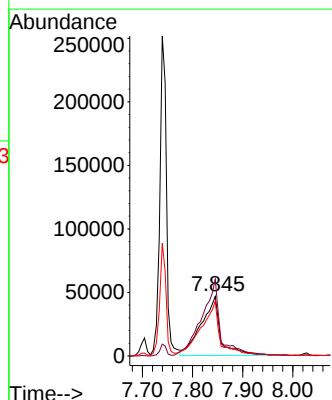
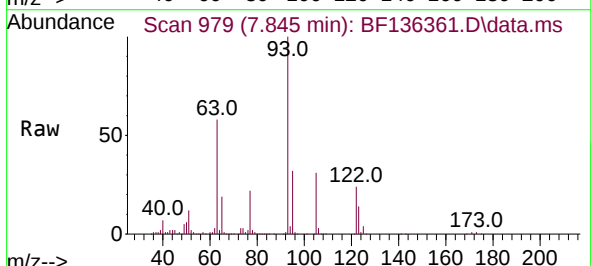
Tgt Ion:122 Resp: 126858

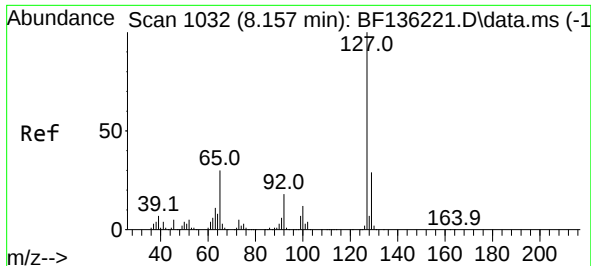
Ion Ratio Lower Upper

122 100

105 128.6 103.7 143.7

77 91.7 66.8 106.8

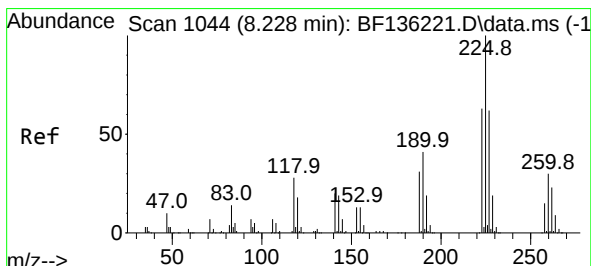
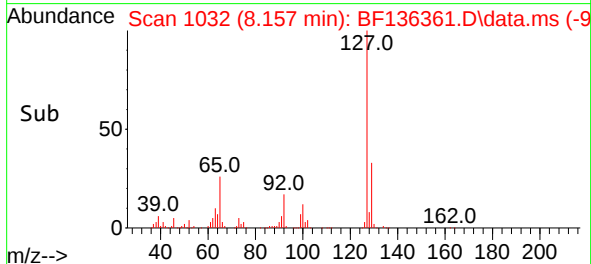
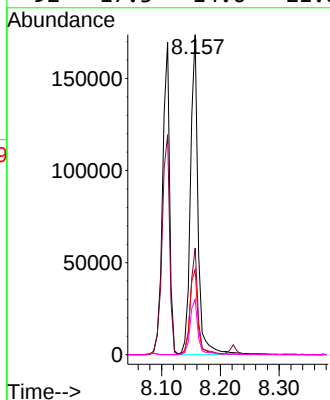
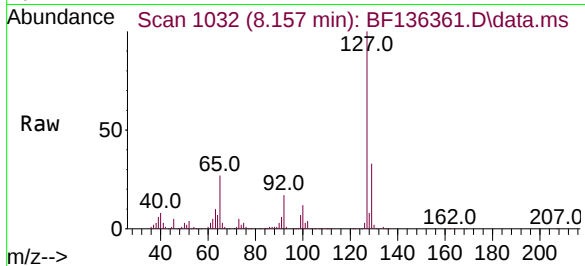




#33
4-Chloroaniline
Concen: 18.081 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF136361.D
Acq: 02 Dec 2023 05:10

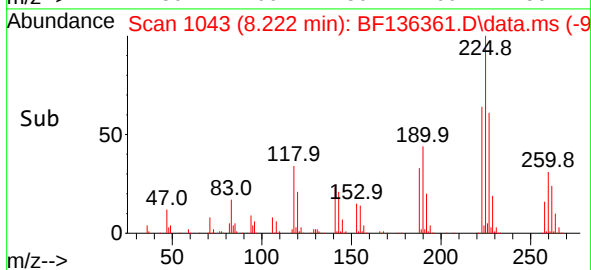
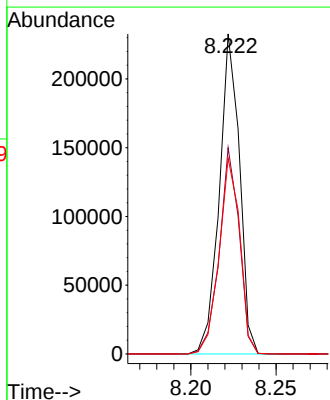
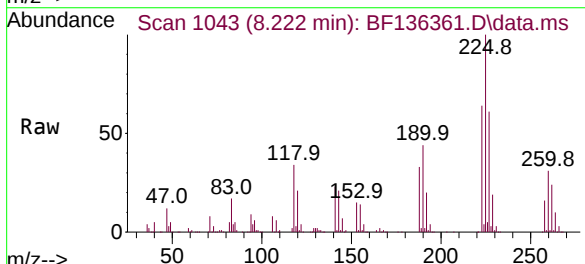
Instrument :
BNA_F
ClientSampleId :

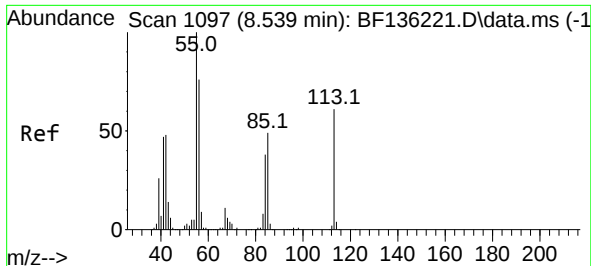
Tgt Ion:	127	Resp:	156741
Ion	Ratio	Lower	Upper
127	100		
129	33.3	23.4	35.2
65	26.6	23.8	35.6
92	17.3	14.6	21.8



#34
Hexachlorobutadiene
Concen: 40.658 ng
RT: 8.222 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF136361.D
Acq: 02 Dec 2023 05:10

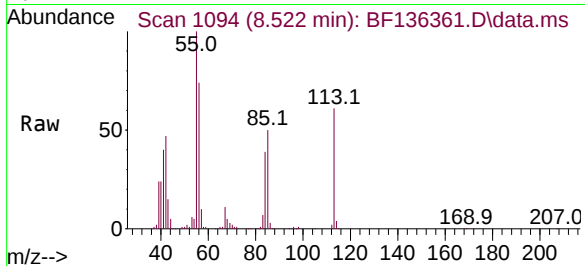
Tgt Ion:	225	Resp:	191677
Ion	Ratio	Lower	Upper
225	100		
223	64.5	50.6	75.8
227	61.1	49.6	74.4



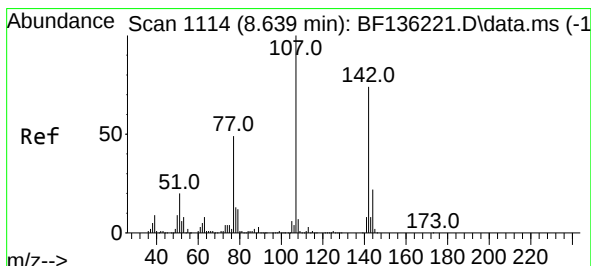
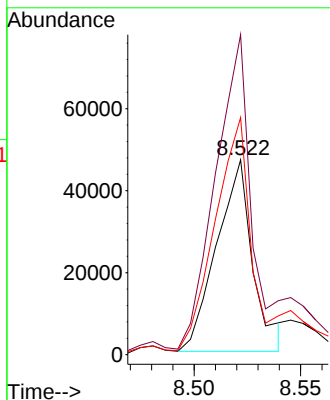
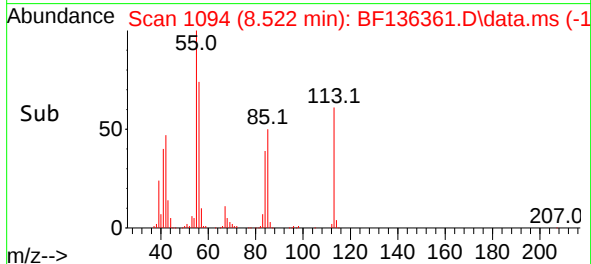


#35
Caprolactam
Concen: 29.902 ng
RT: 8.522 min Scan# 1094
Delta R.T. -0.018 min
Lab File: BF136361.D
Acq: 02 Dec 2023 05:10

Instrument :
BNA_F
ClientSampleId :

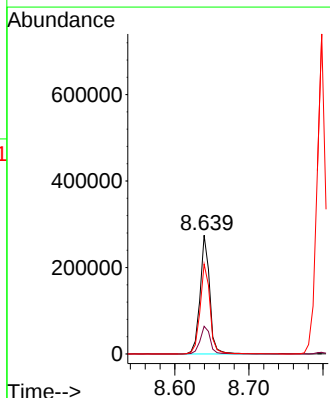
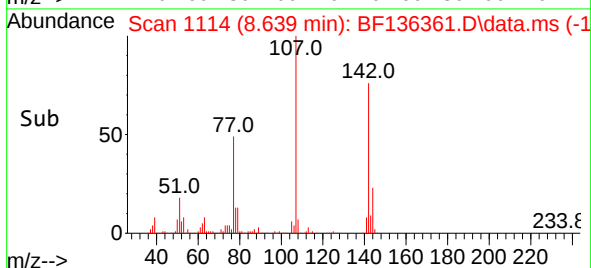
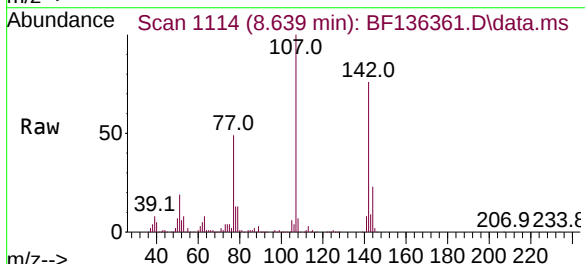


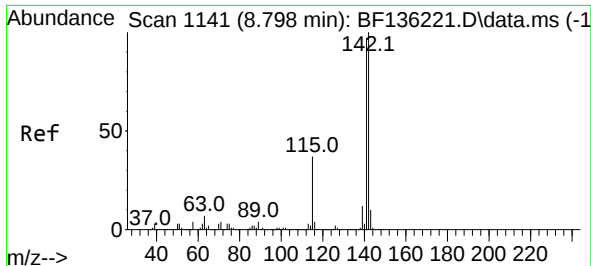
Tgt Ion:113 Resp: 55017
Ion Ratio Lower Upper
113 100
55 164.2 143.1 183.1
56 121.7 103.6 143.6



#36
4-Chloro-3-methylphenol
Concen: 34.636 ng
RT: 8.639 min Scan# 1114
Delta R.T. 0.000 min
Lab File: BF136361.D
Acq: 02 Dec 2023 05:10

Tgt Ion:107 Resp: 247241
Ion Ratio Lower Upper
107 100
144 23.3 17.8 26.8
142 75.7 59.4 89.0





#37

2-Methylnaphthalene

Concen: 36.745 ng

RT: 8.798 min Scan# 1141

Delta R.T. 0.000 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

Instrument :

BNA_F

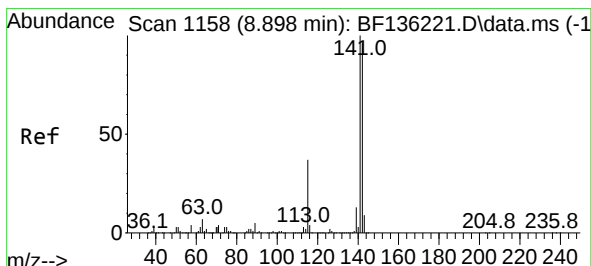
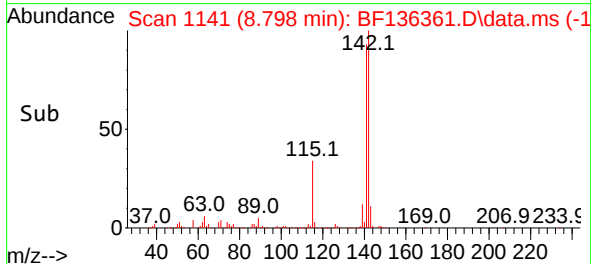
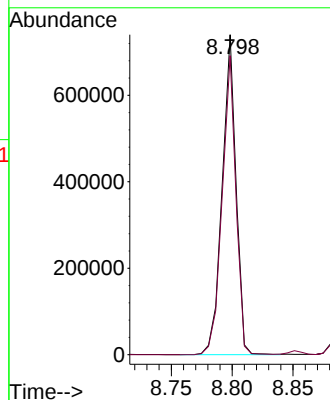
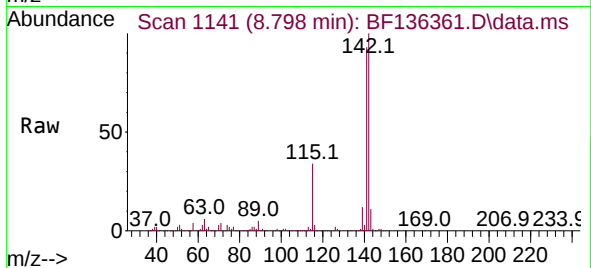
ClientSampleId :

Tgt Ion:142 Resp: 587830

Ion Ratio Lower Upper

142 100

141 93.5 77.8 116.8



#38

1-Methylnaphthalene

Concen: 35.760 ng

RT: 8.898 min Scan# 1158

Delta R.T. 0.000 min

Lab File: BF136361.D

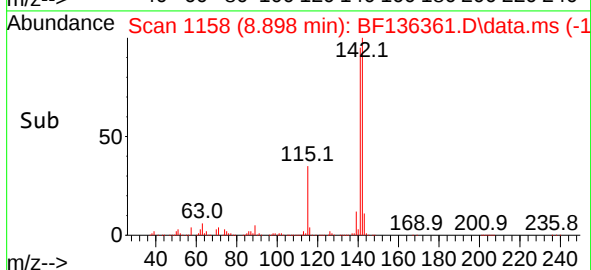
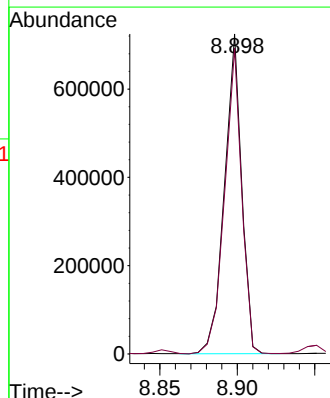
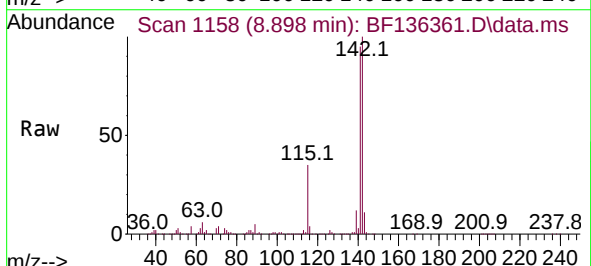
Acq: 02 Dec 2023 05:10

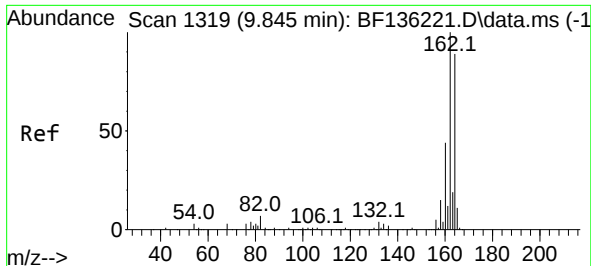
Tgt Ion:142 Resp: 558074

Ion Ratio Lower Upper

142 100

141 95.5 83.8 125.6

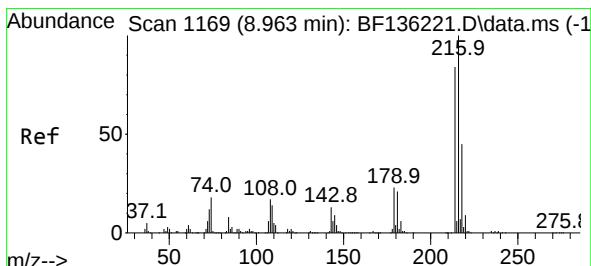
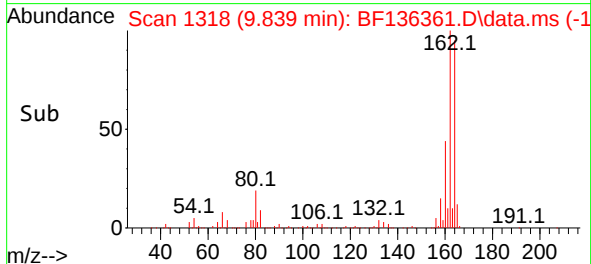
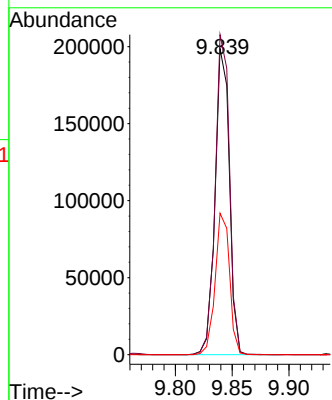
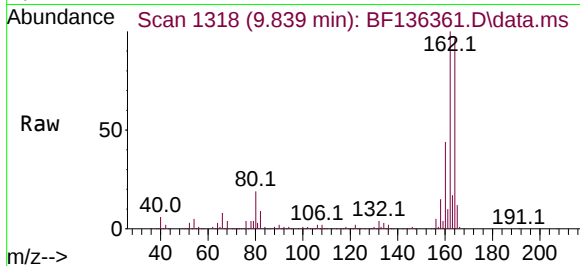




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1118
Delta R.T. -0.006 min
Lab File: BF136361.D
Acq: 02 Dec 2023 05:10

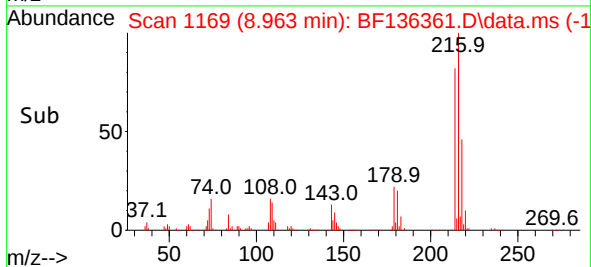
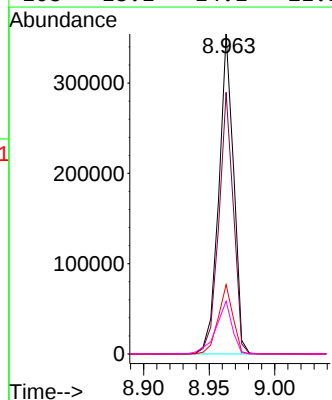
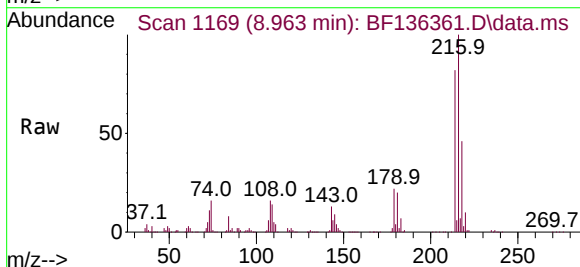
Instrument :
BNA_F
ClientSampleId :

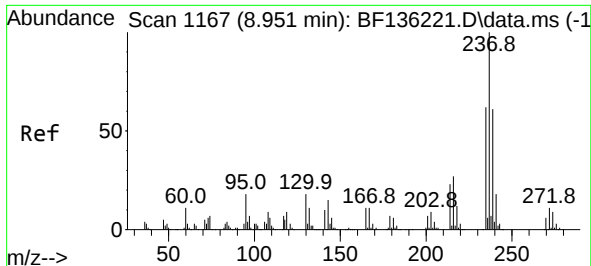
Tgt Ion:164 Resp: 173967
Ion Ratio Lower Upper
164 100
162 104.5 89.5 134.3
160 46.2 39.6 59.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.084 ng
RT: 8.963 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF136361.D
Acq: 02 Dec 2023 05:10

Tgt Ion:216 Resp: 277290
Ion Ratio Lower Upper
216 100
214 80.2 65.8 98.8
179 21.6 17.4 26.0
108 18.1 14.1 21.1

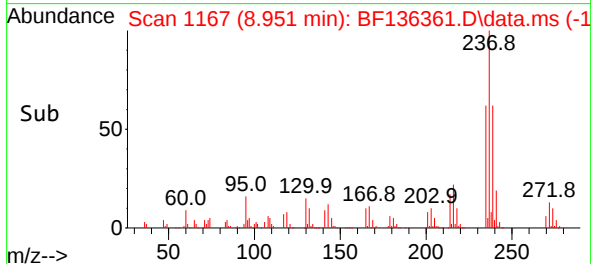
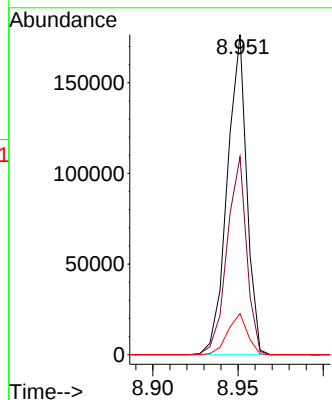
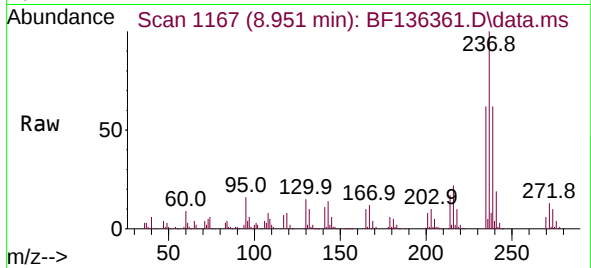




#41
Hexachlorocyclopentadiene
Concen: 66.013 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF136361.D
Acq: 02 Dec 2023 05:10

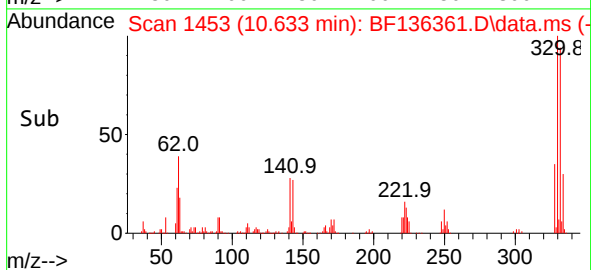
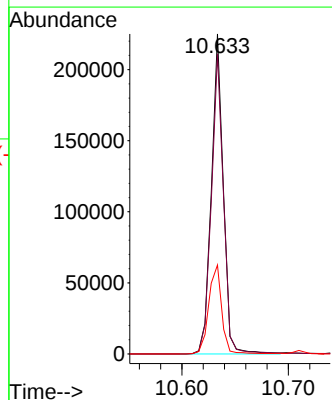
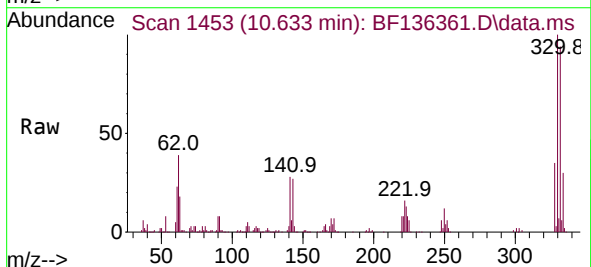
Instrument :
BNA_F
ClientSampleId :

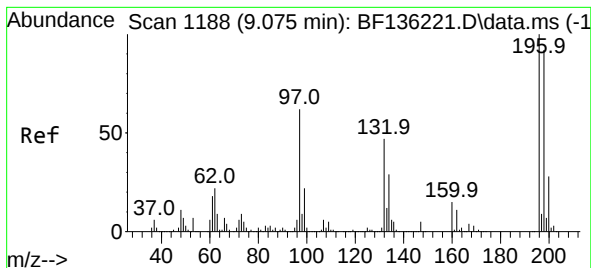
Tgt Ion:237 Resp: 140631
Ion Ratio Lower Upper
237 100
235 61.8 42.1 82.1
272 12.8 0.0 31.0



#42
2,4,6-Tribromophenol
Concen: 82.628 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BF136361.D
Acq: 02 Dec 2023 05:10

Tgt Ion:330 Resp: 175740
Ion Ratio Lower Upper
330 100
332 95.5 73.0 109.6
141 30.3 24.2 36.2





#43

2,4,6-Trichlorophenol

Concen: 42.583 ng

RT: 9.075 min Scan# 1188

Delta R.T. 0.000 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

Instrument :

BNA_F

ClientSampleId :

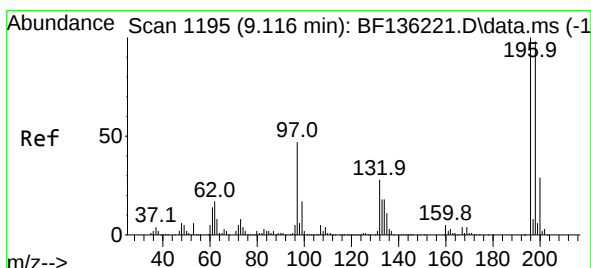
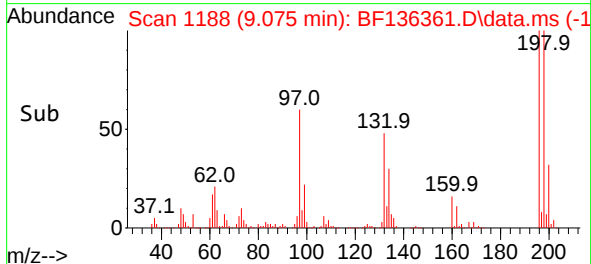
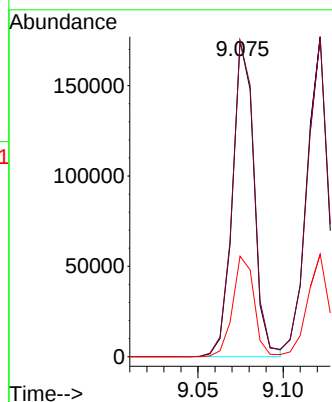
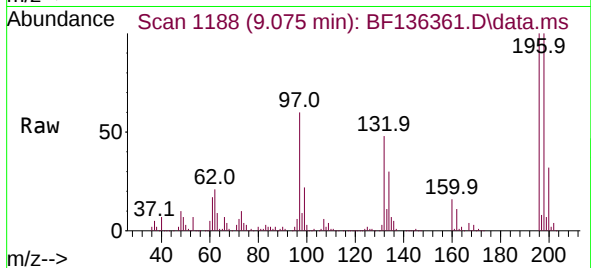
Tgt Ion:196 Resp: 153025

Ion Ratio Lower Upper

196 100

198 99.9 73.2 109.8

200 31.8 22.4 33.6



#44

2,4,5-Trichlorophenol

Concen: 40.223 ng

RT: 9.122 min Scan# 1196

Delta R.T. 0.006 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

Tgt Ion:196 Resp: 157742

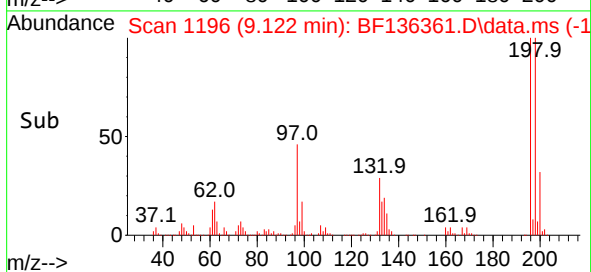
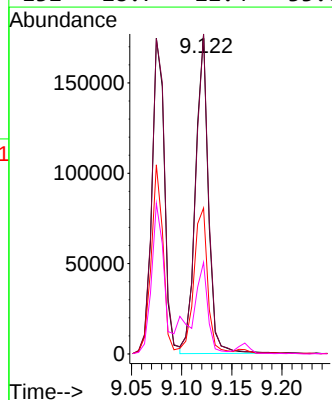
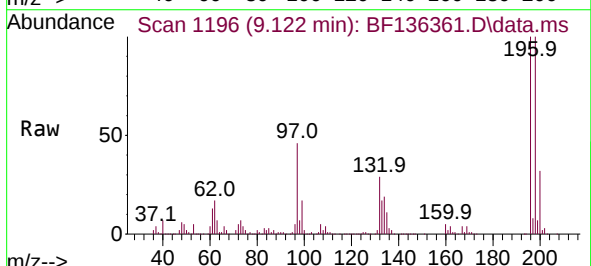
Ion Ratio Lower Upper

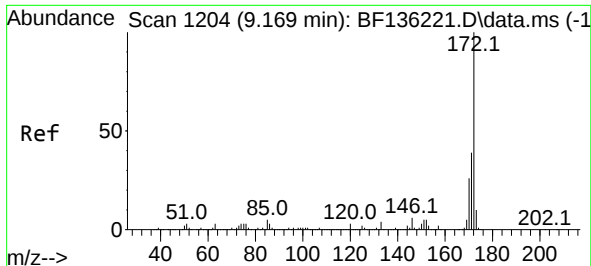
196 100

198 100.1 78.8 118.2

97 45.7 37.8 56.8

132 28.7 22.4 33.6





#45

2-Fluorobiphenyl

Concen: 72.639 ng

RT: 9.163 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

Instrument :

BNA_F

ClientSampleId :

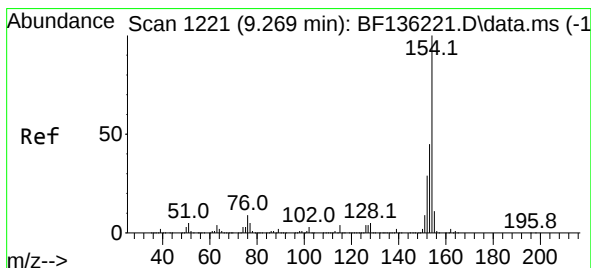
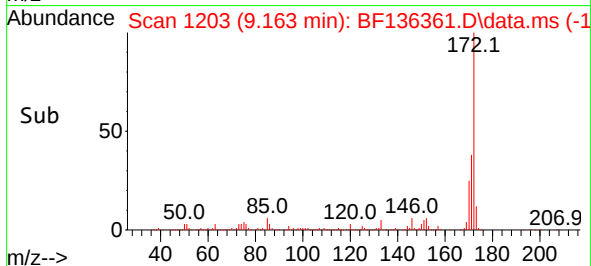
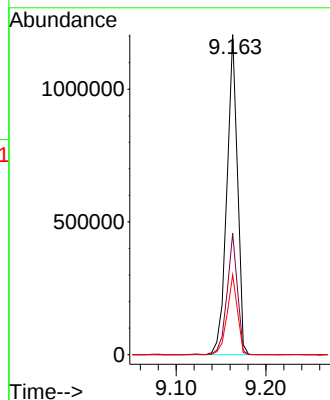
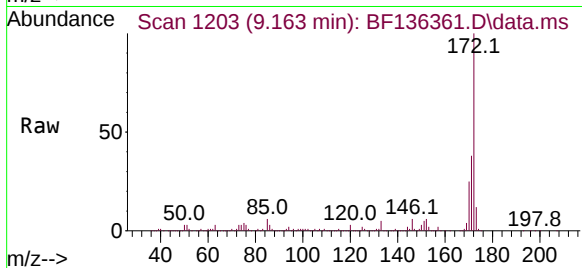
Tgt Ion:172 Resp: 989334

Ion Ratio Lower Upper

172 100

171 37.9 31.5 47.3

170 24.9 20.8 31.2



#46

1,1'-Biphenyl

Concen: 47.027 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

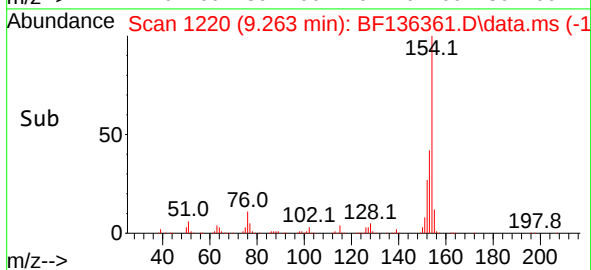
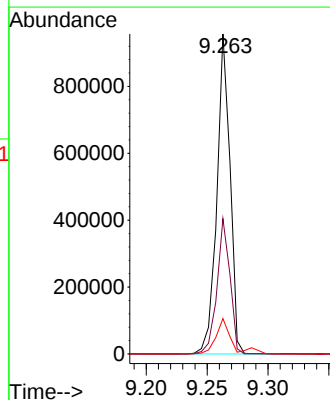
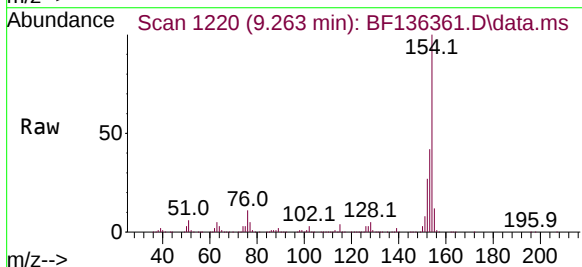
Tgt Ion:154 Resp: 721450

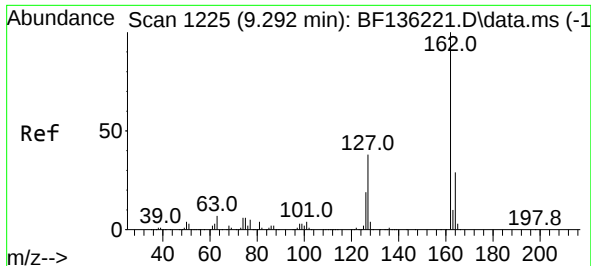
Ion Ratio Lower Upper

154 100

153 42.3 24.6 64.6

76 11.0 0.0 29.4





#47

2-Chloronaphthalene

Concen: 44.209 ng

RT: 9.286 min Scan# 1224

Delta R.T. -0.006 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

Instrument :

BNA_F

ClientSampleId :

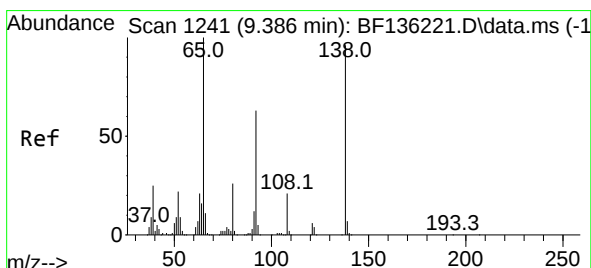
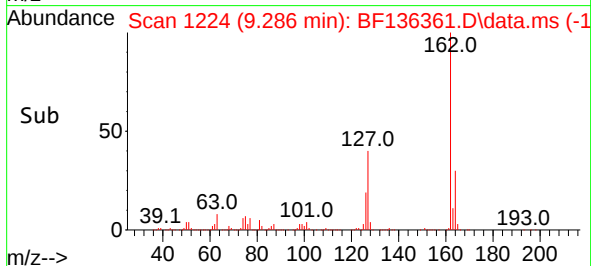
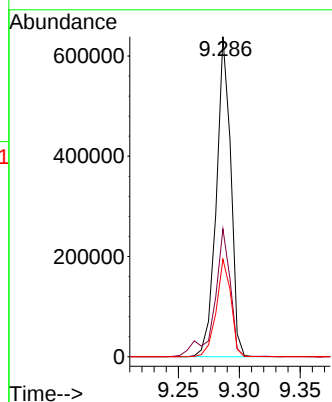
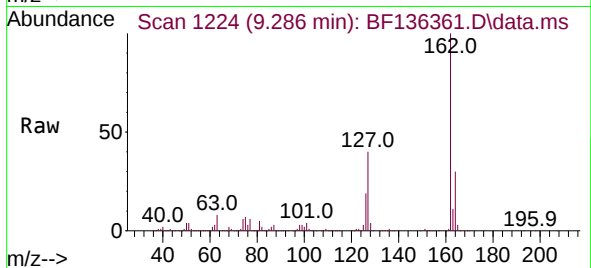
Tgt Ion:162 Resp: 526692

Ion Ratio Lower Upper

162 100

127 40.0 30.2 45.2

164 30.5 22.8 34.2



#48

2-Nitroaniline

Concen: 42.236 ng

RT: 9.386 min Scan# 1241

Delta R.T. 0.000 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

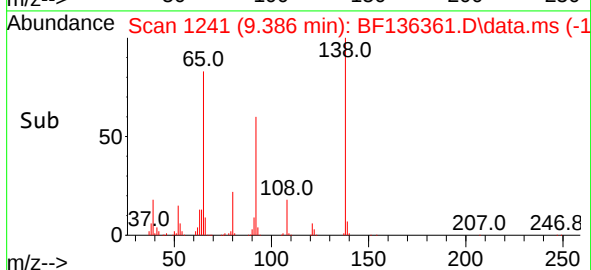
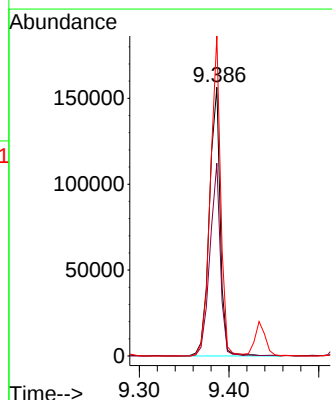
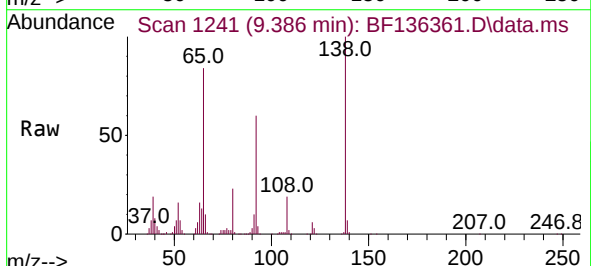
Tgt Ion: 65 Resp: 131376

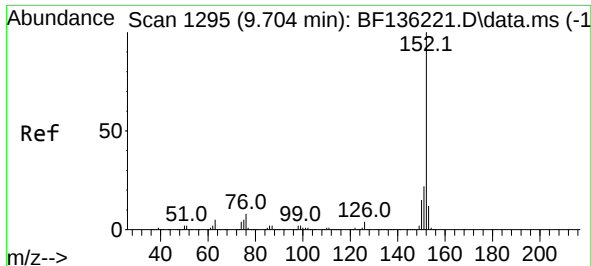
Ion Ratio Lower Upper

65 100

92 71.7 50.6 75.8

138 119.1 76.7 115.1#





#49

Acenaphthylene

Concen: 44.783 ng

RT: 9.704 min Scan# 1295

Delta R.T. 0.000 min

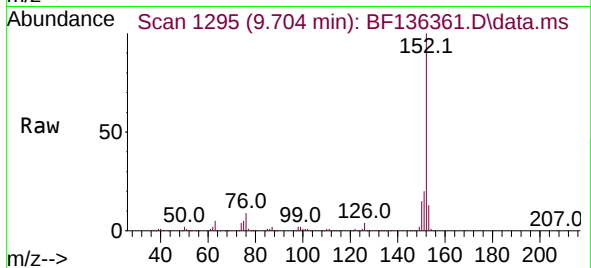
Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

Instrument :

BNA_F

ClientSampleId :



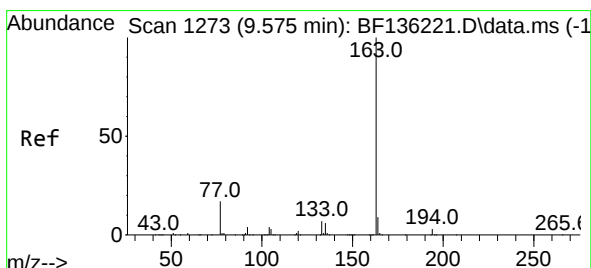
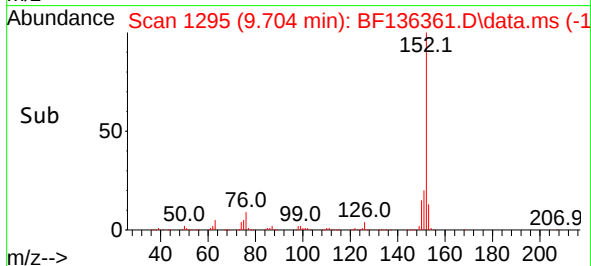
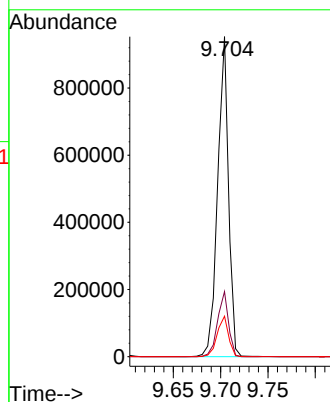
Tgt Ion:152 Resp: 761399

Ion Ratio Lower Upper

152 100

151 20.4 17.5 26.3

153 12.6 9.6 14.4



#50

Dimethylphthalate

Concen: 44.727 ng

RT: 9.569 min Scan# 1272

Delta R.T. -0.006 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

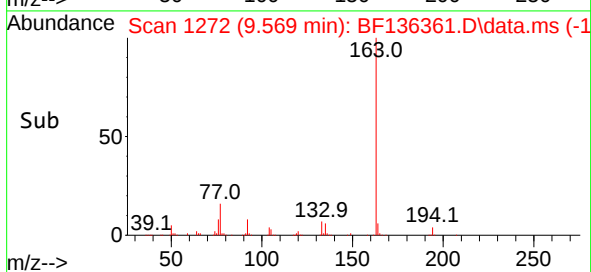
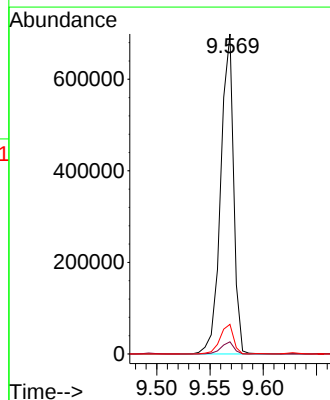
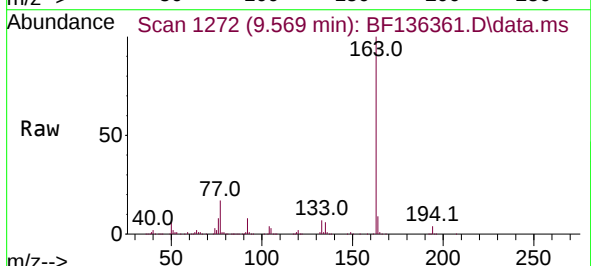
Tgt Ion:163 Resp: 588111

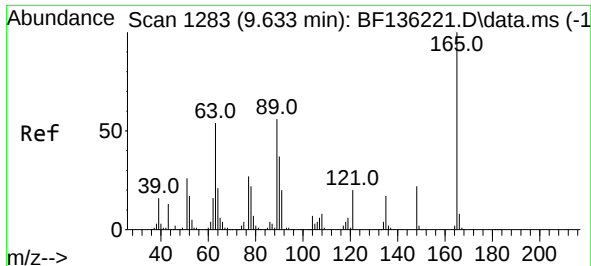
Ion Ratio Lower Upper

163 100

194 3.8 2.5 3.7#

164 9.2 7.0 10.6





#51

2,6-Dinitrotoluene

Concen: 42.972 ng

RT: 9.628 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

Instrument :

BNA_F

ClientSampleId :

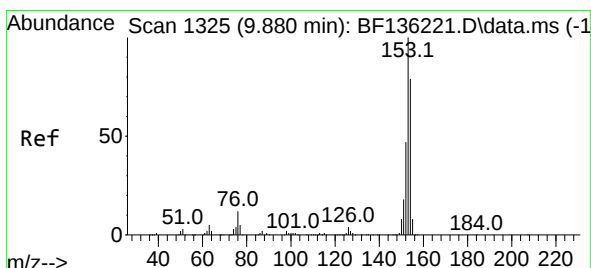
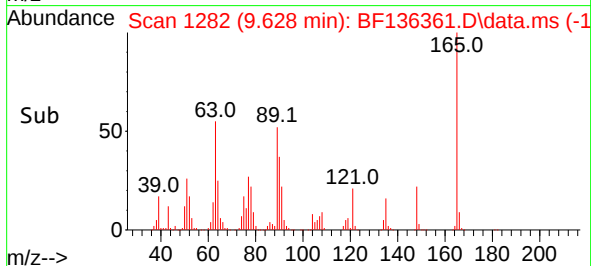
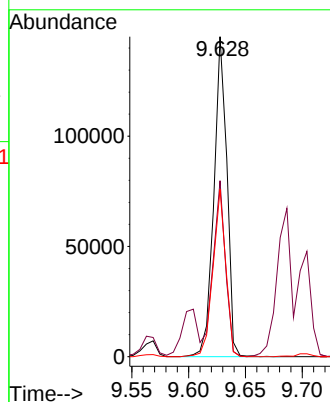
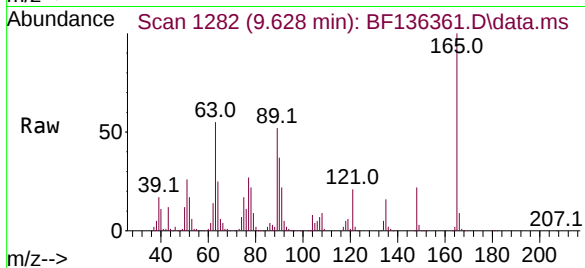
Tgt Ion:165 Resp: 115431

Ion Ratio Lower Upper

165 100

63 55.0 46.2 69.2

89 52.3 44.9 67.3



#52

Acenaphthene

Concen: 40.944 ng

RT: 9.875 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

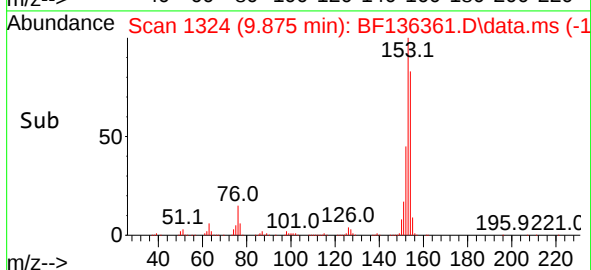
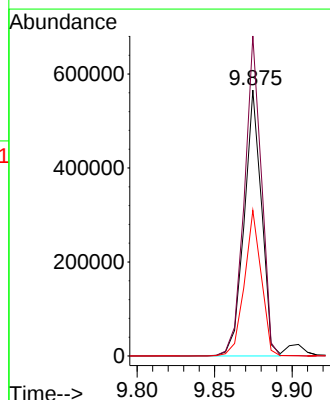
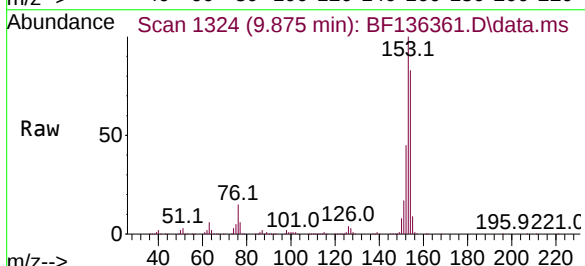
Tgt Ion:154 Resp: 439914

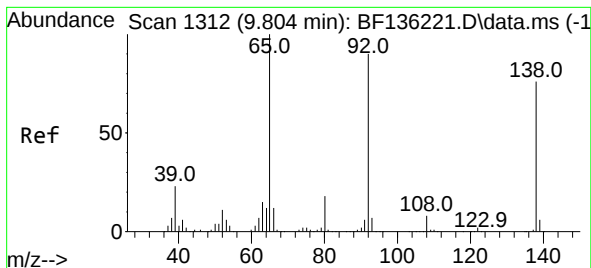
Ion Ratio Lower Upper

154 100

153 120.3 100.8 151.2

152 54.7 47.0 70.6





#53

3-Nitroaniline

Concen: 31.528 ng

RT: 9.792 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

Instrument :

BNA_F

ClientSampleId :

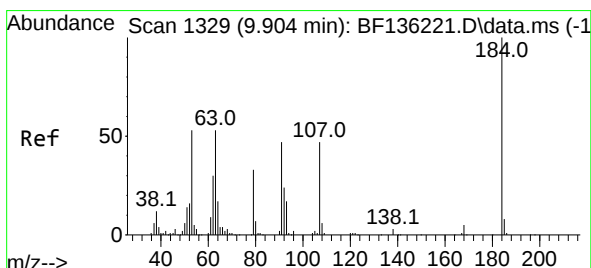
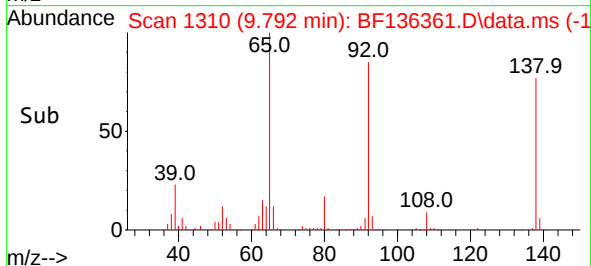
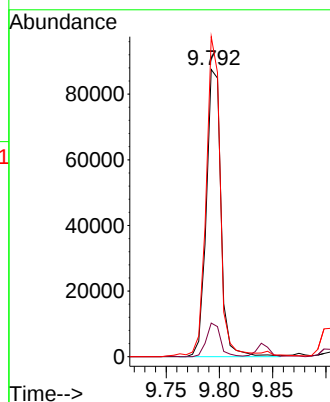
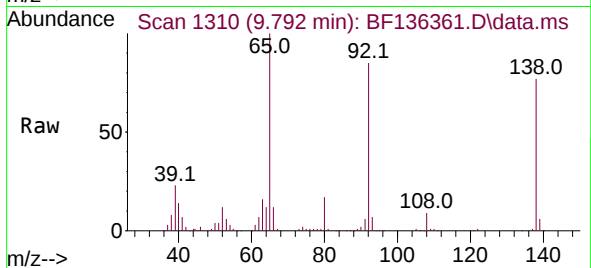
Tgt Ion:138 Resp: 84033

Ion Ratio Lower Upper

138 100

108 11.7 8.7 13.1

92 111.4 94.2 141.4



#54

2,4-Dinitrophenol

Concen: 26.840 ng

RT: 9.904 min Scan# 1329

Delta R.T. 0.000 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

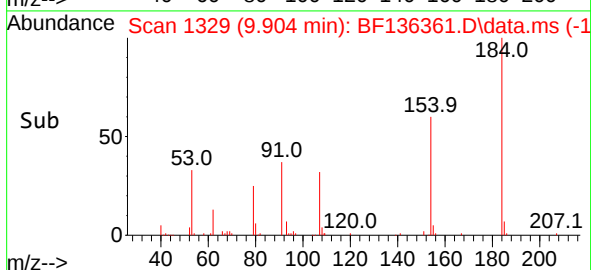
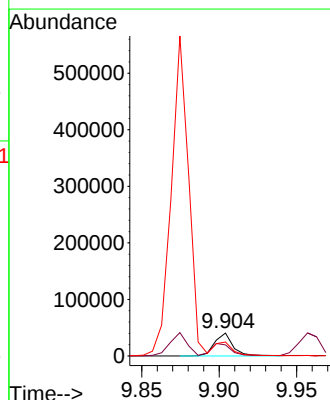
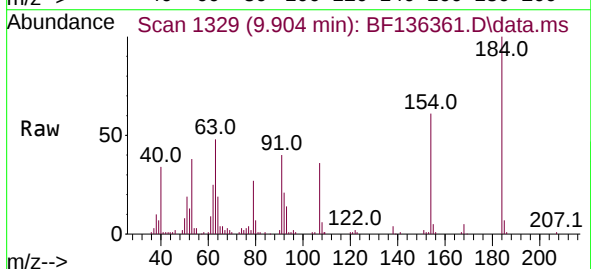
Tgt Ion:184 Resp: 33531

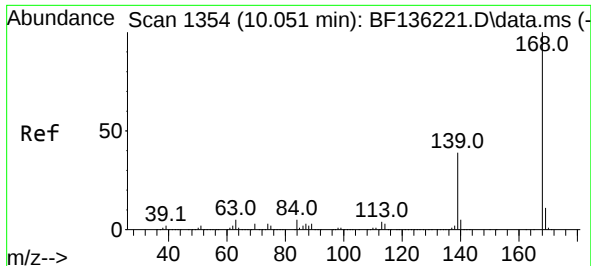
Ion Ratio Lower Upper

184 100

63 48.5 55.0 82.4#

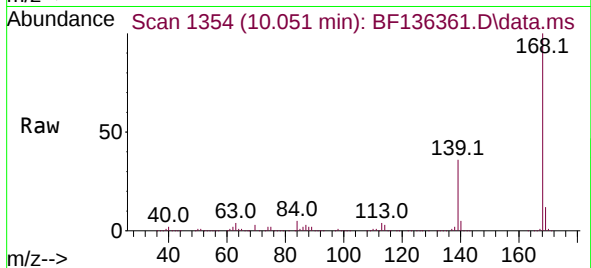
154 60.7 54.9 82.3



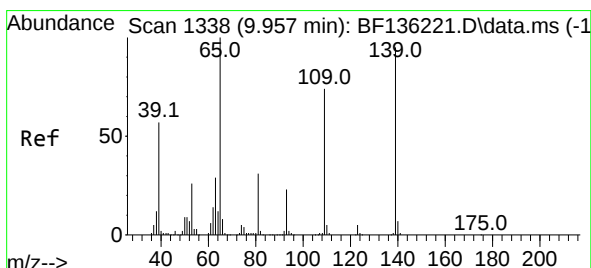
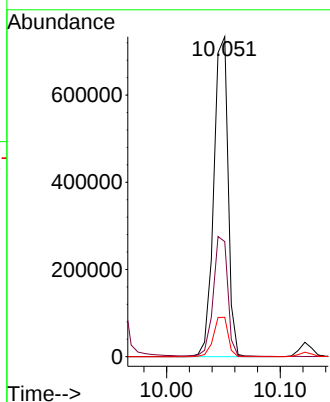
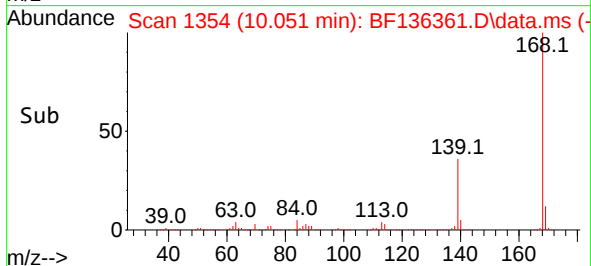


#55
Dibenzofuran
Concen: 40.193 ng
RT: 10.051 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136361.D
Acq: 02 Dec 2023 05:10

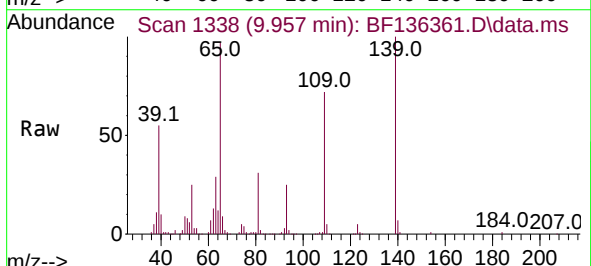
Instrument :
BNA_F
ClientSampleId :



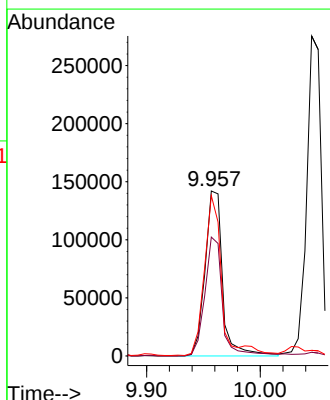
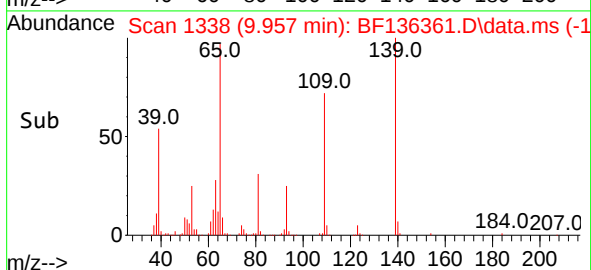
Tgt Ion:168 Resp: 642592
Ion Ratio Lower Upper
168 100
139 36.0 30.9 46.3
169 12.3 9.1 13.7

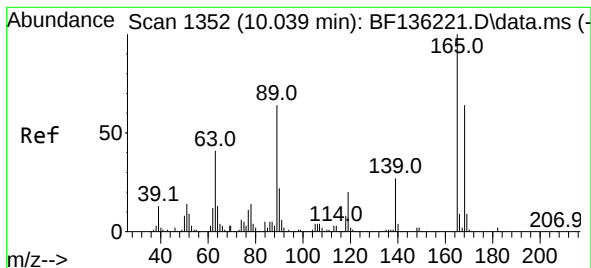


#56
4-Nitrophenol
Concen: 75.442 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF136361.D
Acq: 02 Dec 2023 05:10



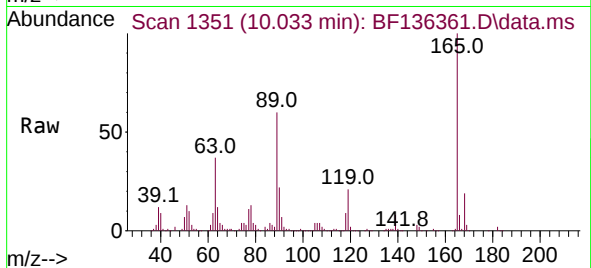
Tgt Ion:139 Resp: 152718
Ion Ratio Lower Upper
139 100
109 72.1 57.8 97.8
65 97.3 86.0 126.0



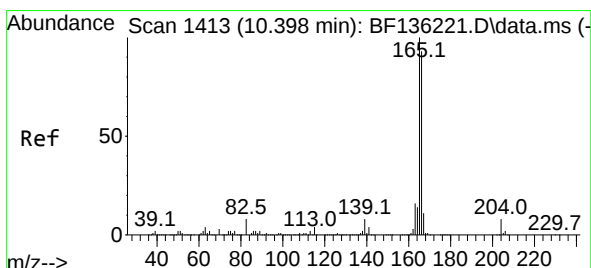
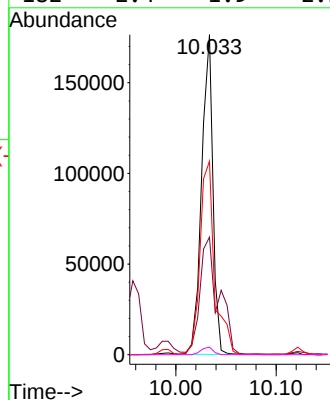
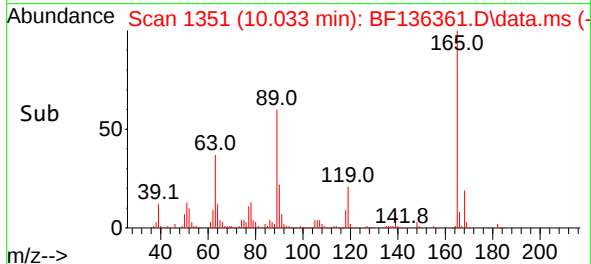


#57
2,4-Dinitrotoluene
Concen: 38.469 ng
RT: 10.033 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136361.D
Acq: 02 Dec 2023 05:10

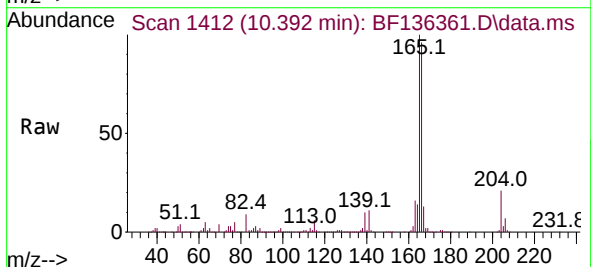
Instrument :
BNA_F
ClientSampleId :



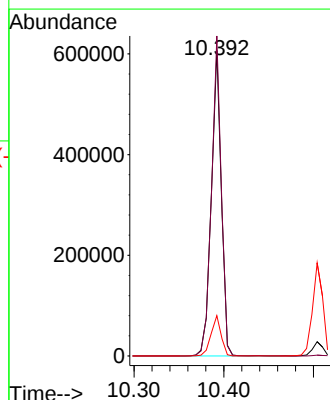
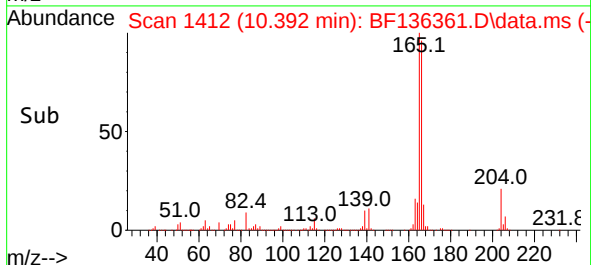
Tgt Ion:165 Resp: 138032
Ion Ratio Lower Upper
165 100
63 36.8 33.0 49.4
89 60.4 51.5 77.3
182 2.4 1.9 2.9

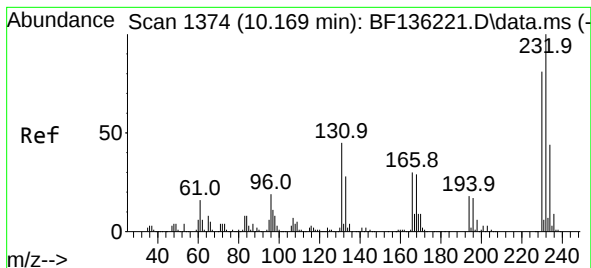


#58
Fluorene
Concen: 37.461 ng
RT: 10.392 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF136361.D
Acq: 02 Dec 2023 05:10



Tgt Ion:166 Resp: 469780
Ion Ratio Lower Upper
166 100
165 104.7 86.2 129.4
167 13.2 9.1 13.7

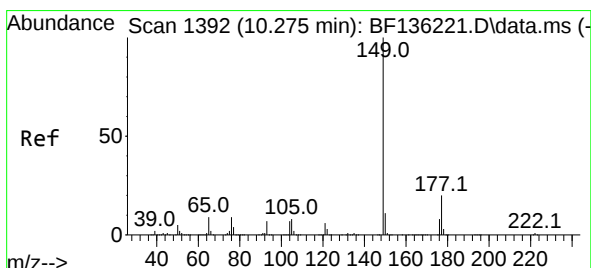
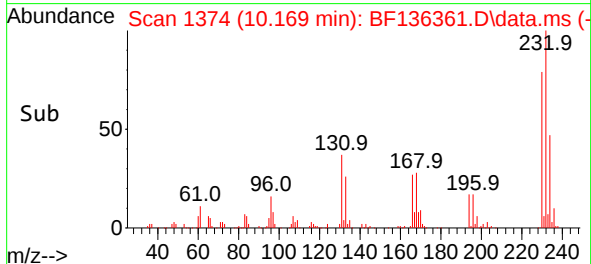
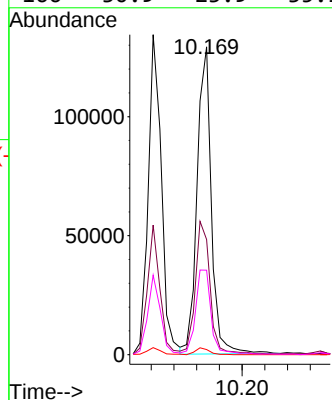
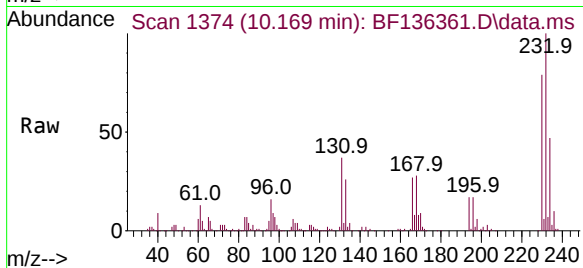




#59
2,3,4,6-Tetrachlorophenol
Concen: 36.194 ng
RT: 10.169 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136361.D
Acq: 02 Dec 2023 05:10

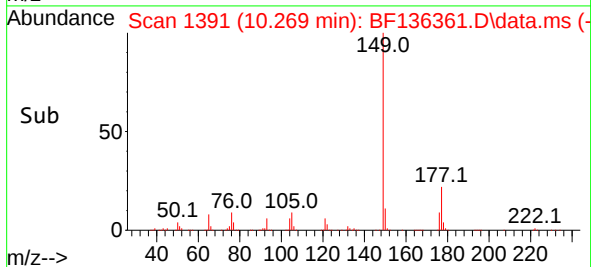
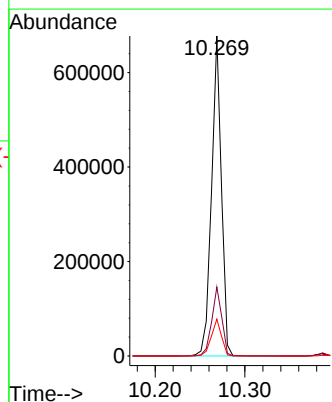
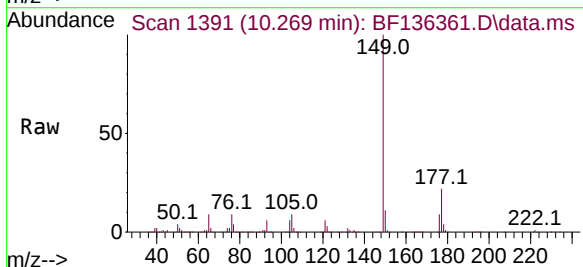
Instrument :
BNA_F
ClientSampleId :

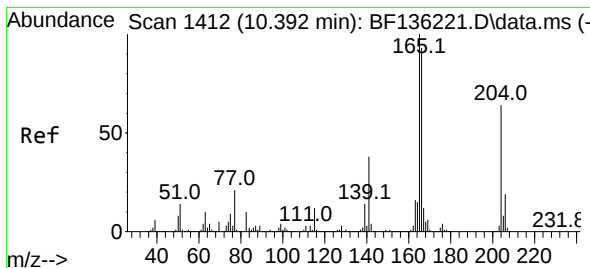
Tgt Ion:232 Resp: 112934
Ion Ratio Lower Upper
232 100
131 44.4 36.4 54.6
130 2.2 1.9 2.9
166 30.9 23.9 35.9



#60
Diethylphthalate
Concen: 39.193 ng
RT: 10.269 min Scan# 1391
Delta R.T. -0.006 min
Lab File: BF136361.D
Acq: 02 Dec 2023 05:10

Tgt Ion:149 Resp: 515508
Ion Ratio Lower Upper
149 100
177 21.5 15.8 23.6
150 11.5 8.8 13.2

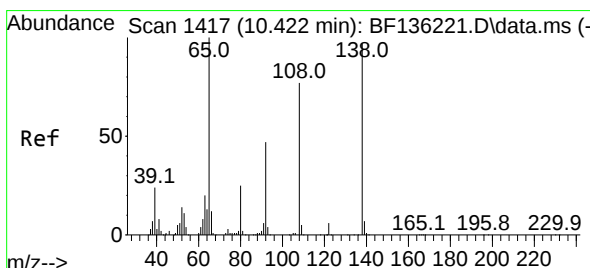
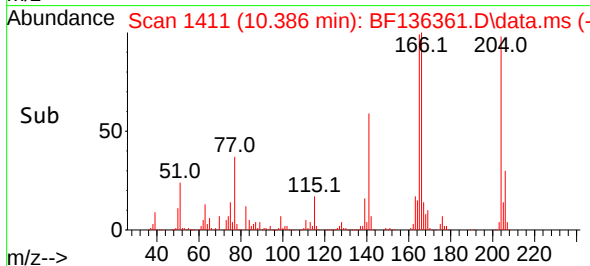
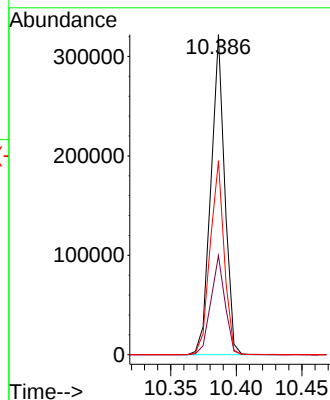
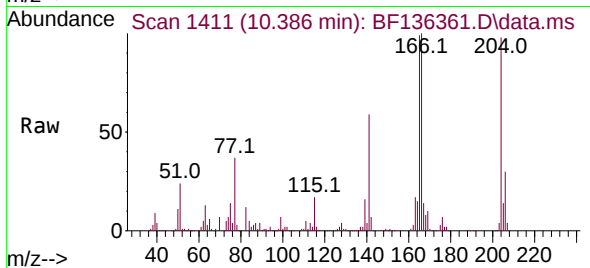




#61
4-Chlorophenyl-phenylether
Concen: 38.876 ng
RT: 10.386 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF136361.D
Acq: 02 Dec 2023 05:10

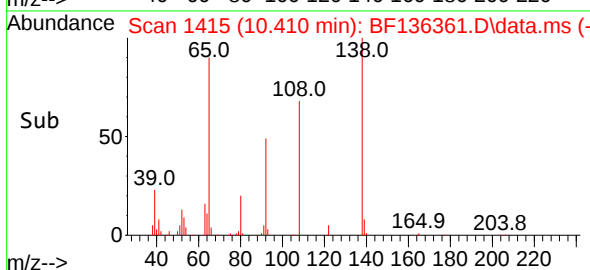
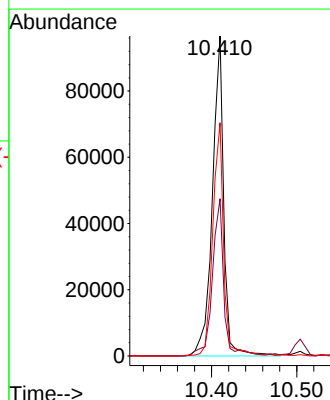
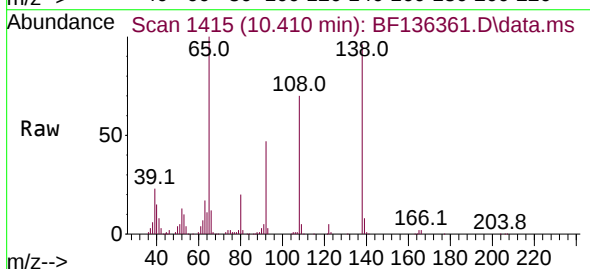
Instrument :
BNA_F
ClientSampleId :

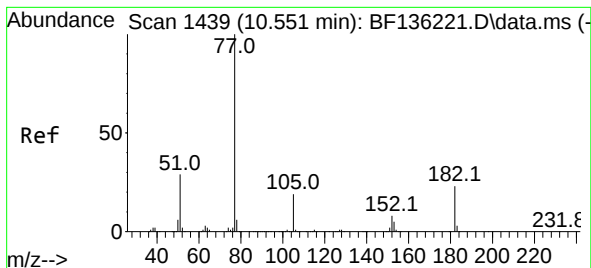
Tgt Ion:204 Resp: 236763
Ion Ratio Lower Upper
204 100
206 31.0 23.4 35.0
141 60.6 47.6 71.4



#62
4-Nitroaniline
Concen: 34.474 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF136361.D
Acq: 02 Dec 2023 05:10

Tgt Ion:138 Resp: 89941
Ion Ratio Lower Upper
138 100
92 49.2 28.5 68.5
108 72.9 59.8 99.8





#63

Azobenzene

Concen: 35.962 ng

RT: 10.545 min Scan# 1439

Delta R.T. -0.006 min

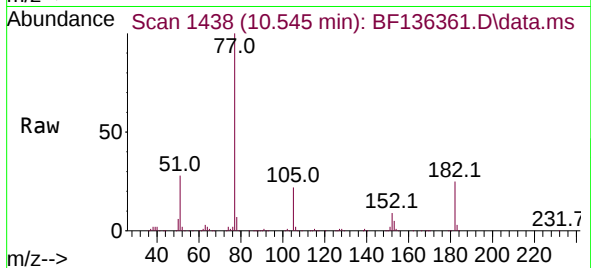
Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 77 Resp: 438510

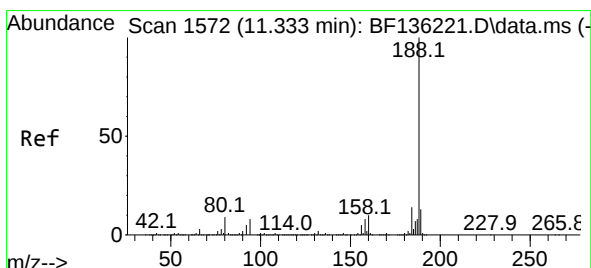
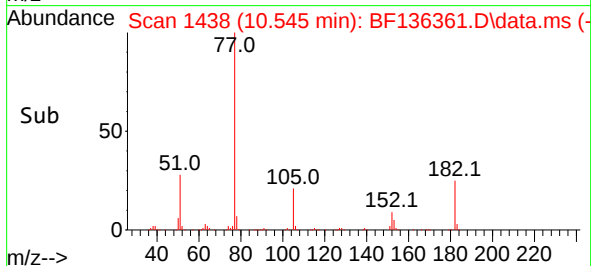
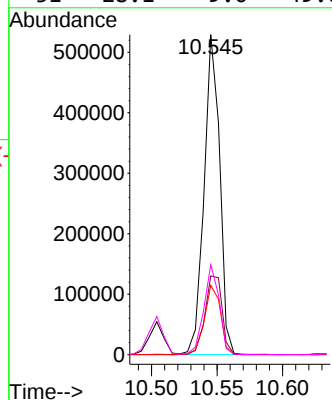
Ion Ratio Lower Upper

77 100

182 24.6 3.3 43.3

105 21.6 0.0 39.5

51 28.1 9.0 49.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.333 min Scan# 1572

Delta R.T. 0.000 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

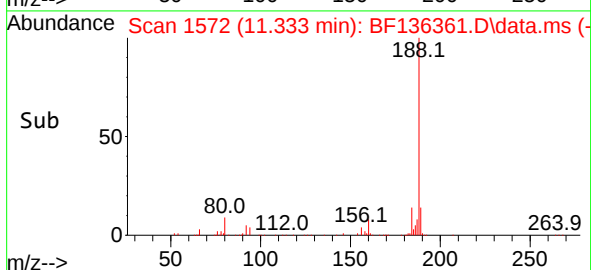
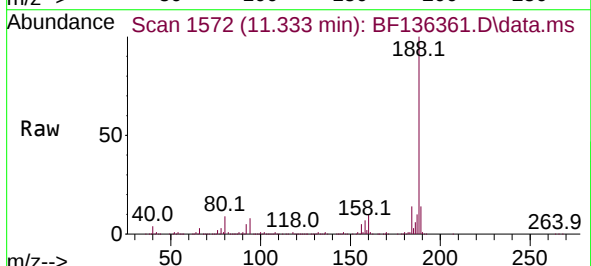
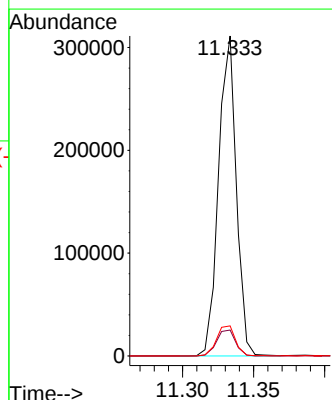
Tgt Ion: 188 Resp: 269823

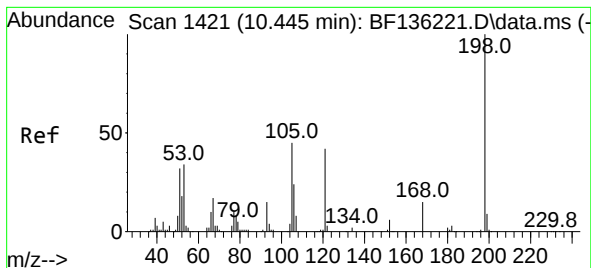
Ion Ratio Lower Upper

188 100

94 8.1 6.7 10.1

80 9.4 7.2 10.8

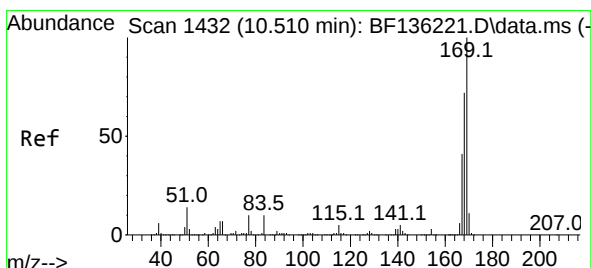
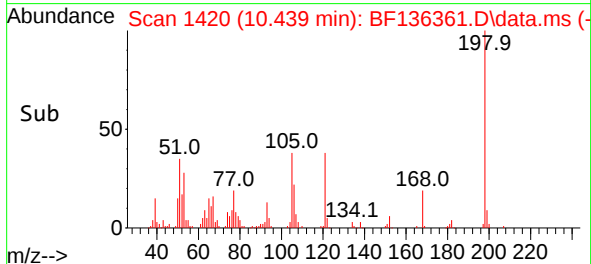
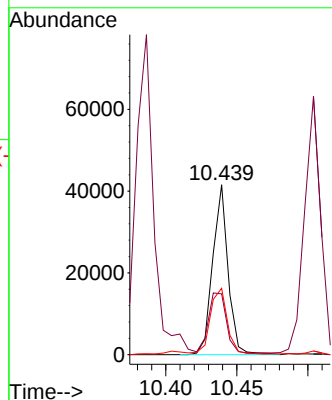
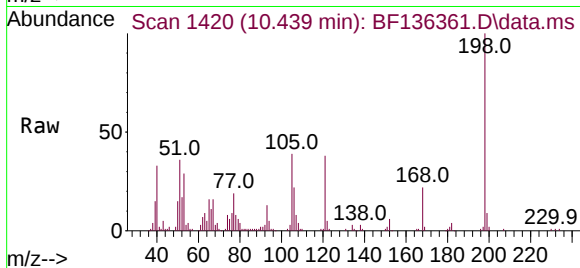




#65
4,6-Dinitro-2-methylphenol
Concen: 21.273 ng
RT: 10.439 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF136361.D
Acq: 02 Dec 2023 05:10

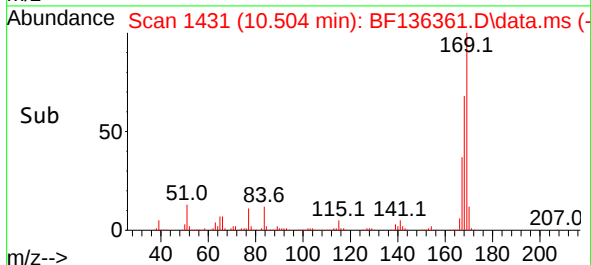
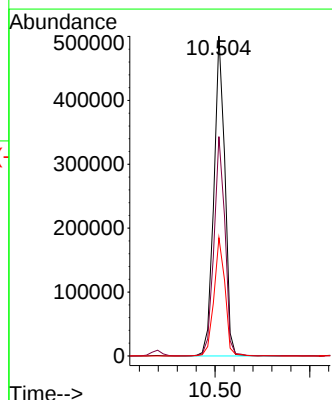
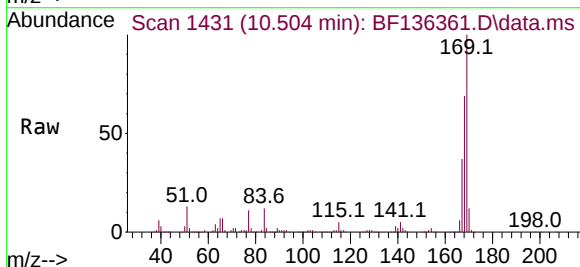
Instrument :
BNA_F
ClientSampleId :

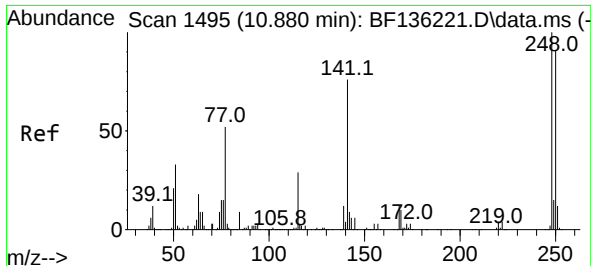
Tgt Ion:198 Resp: 31389
Ion Ratio Lower Upper
198 100
51 35.8 28.2 68.2
105 39.1 25.7 65.7



#66
n-Nitrosodiphenylamine
Concen: 46.384 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF136361.D
Acq: 02 Dec 2023 05:10

Tgt Ion:169 Resp: 401078
Ion Ratio Lower Upper
169 100
168 68.5 57.8 86.6
167 36.9 32.7 49.1

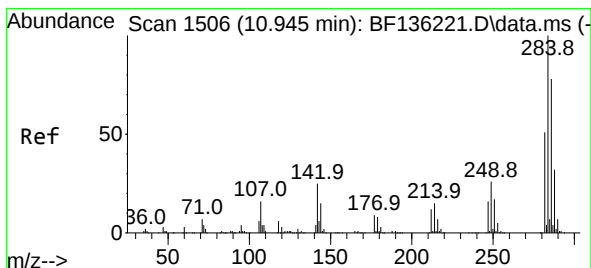
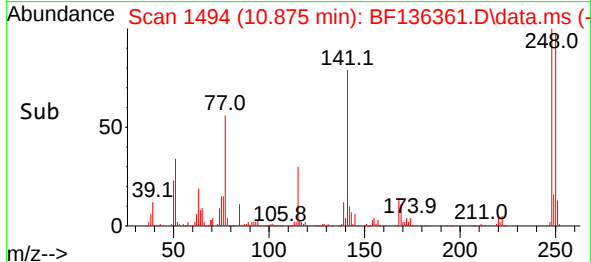
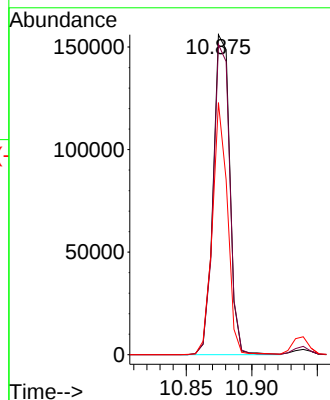
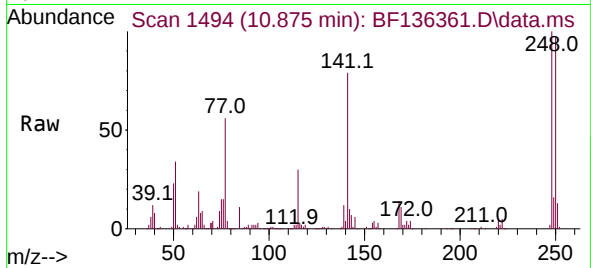




#67
4-Bromophenyl-phenylether
Concen: 43.587 ng
RT: 10.875 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF136361.D
Acq: 02 Dec 2023 05:10

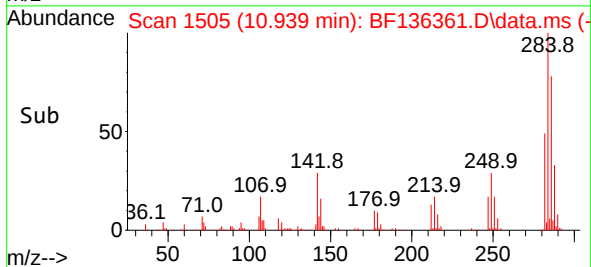
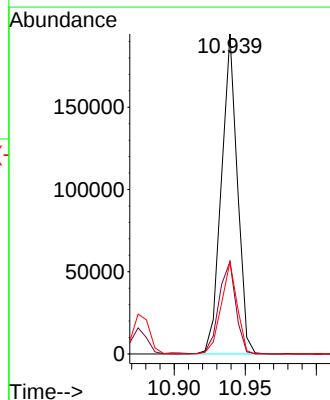
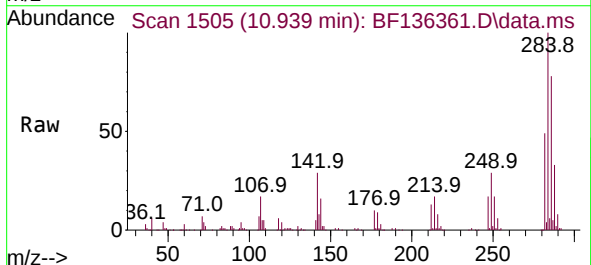
Instrument :
BNA_F
ClientSampleId :

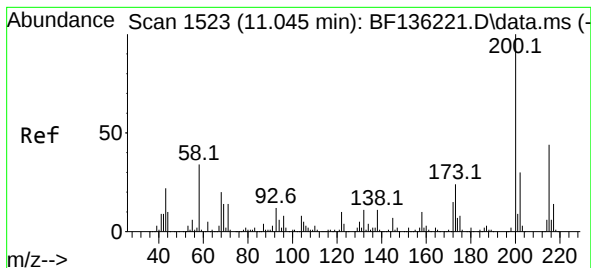
Tgt Ion:248 Resp: 137208
Ion Ratio Lower Upper
248 100
250 97.0 72.5 108.7
141 78.7 60.8 91.2



#68
Hexachlorobenzene
Concen: 41.671 ng
RT: 10.939 min Scan# 1505
Delta R.T. -0.006 min
Lab File: BF136361.D
Acq: 02 Dec 2023 05:10

Tgt Ion:284 Resp: 151819
Ion Ratio Lower Upper
284 100
142 28.8 19.8 29.8
249 28.8 21.0 31.4





#69

Atrazine

Concen: 50.432 ng

RT: 11.033 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

Instrument :

BNA_F

ClientSampleId :

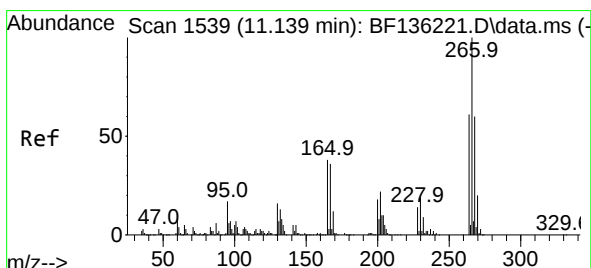
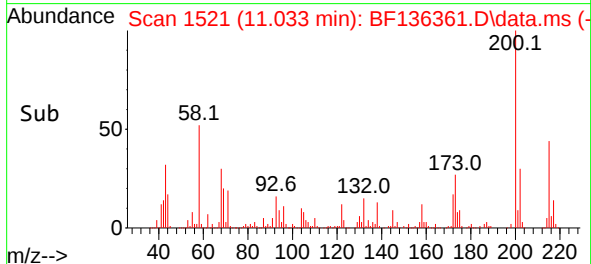
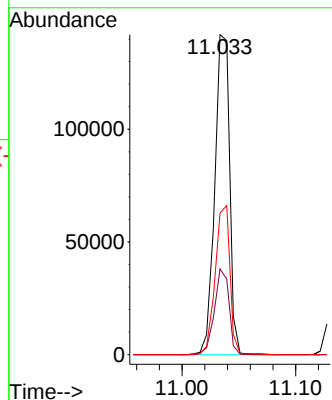
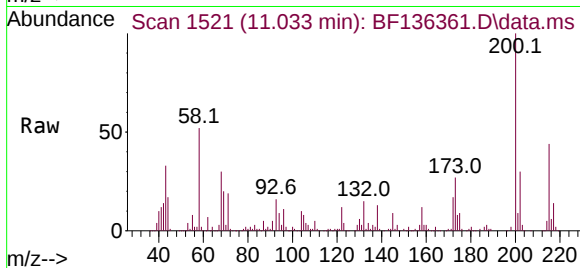
Tgt Ion:200 Resp: 129361

Ion Ratio Lower Upper

200 100

173 26.8 4.3 44.3

215 44.3 23.8 63.8



#70

Pentachlorophenol

Concen: 83.992 ng

RT: 11.133 min Scan# 1538

Delta R.T. -0.006 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

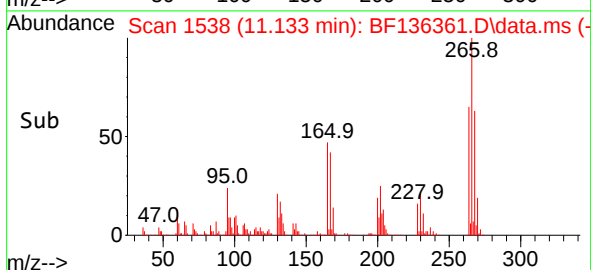
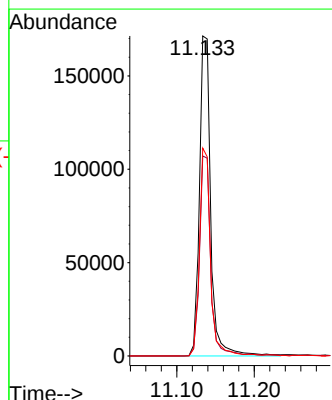
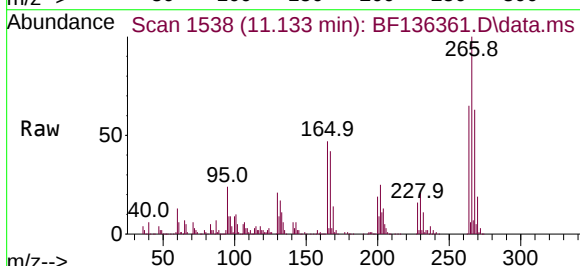
Tgt Ion:266 Resp: 172973

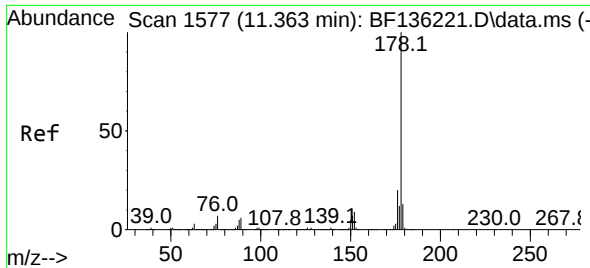
Ion Ratio Lower Upper

266 100

268 62.5 47.9 71.9

264 65.0 49.1 73.7

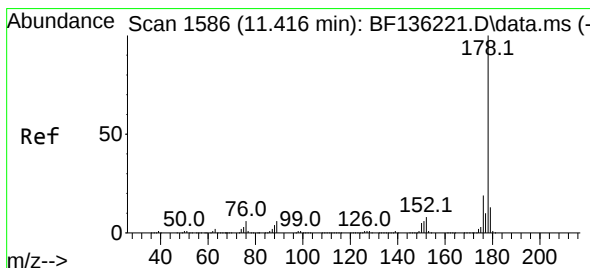
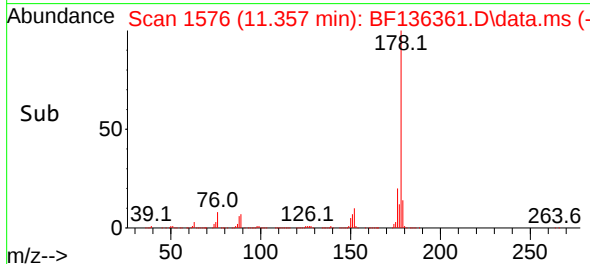
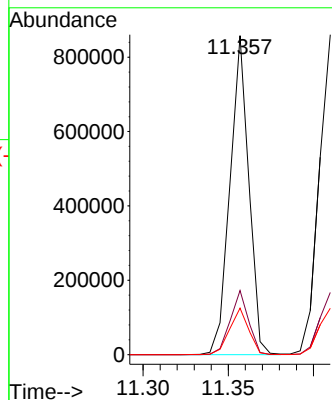
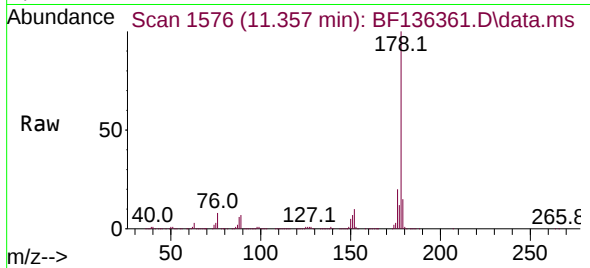




#71
Phenanthrene
Concen: 43.440 ng
RT: 11.357 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF136361.D
Acq: 02 Dec 2023 05:10

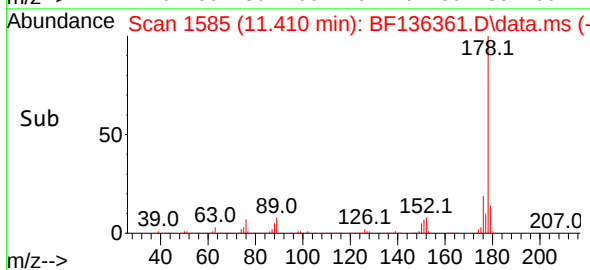
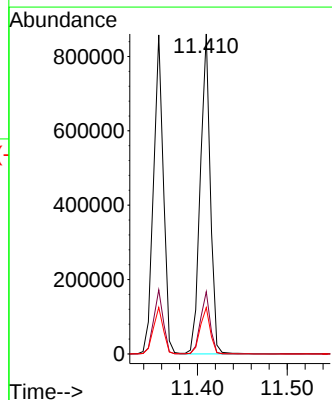
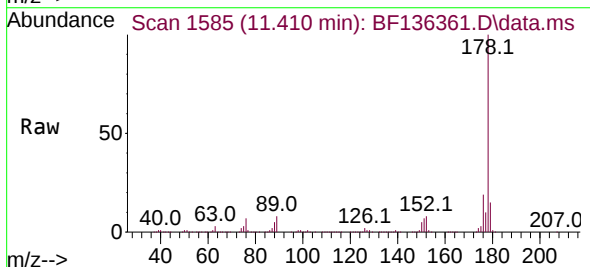
Instrument :
BNA_F
ClientSampleId :

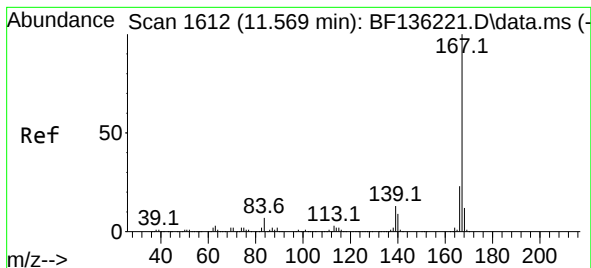
Tgt Ion:178 Resp: 658773
Ion Ratio Lower Upper
178 100
176 20.1 16.2 24.2
179 14.6 10.3 15.5



#72
Anthracene
Concen: 43.796 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF136361.D
Acq: 02 Dec 2023 05:10

Tgt Ion:178 Resp: 666052
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 14.5 10.5 15.7





#73

Carbazole

Concen: 45.441 ng

RT: 11.569 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

Instrument :

BNA_F

ClientSampleId :

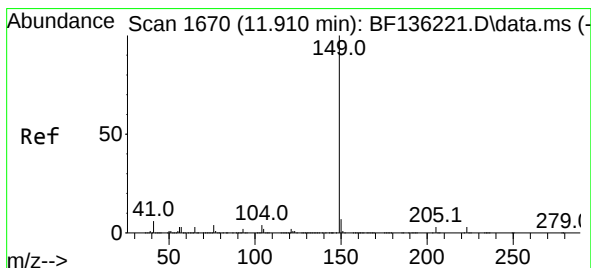
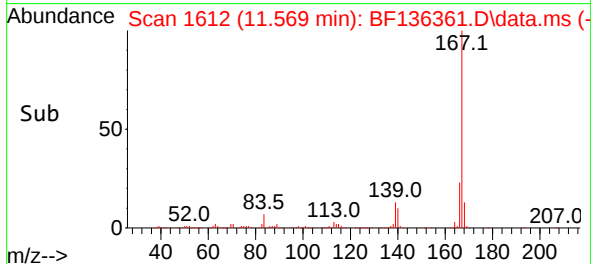
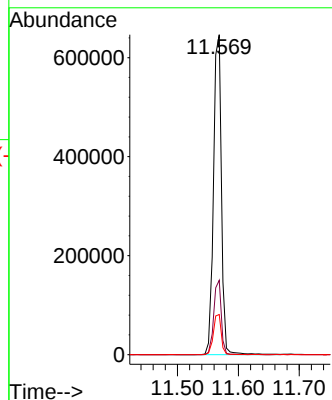
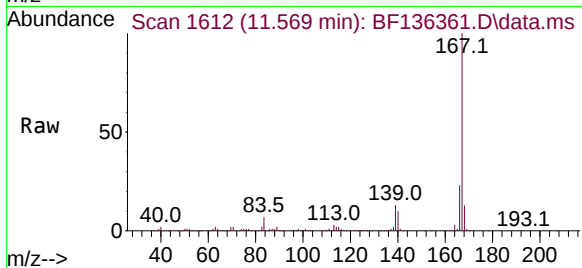
Tgt Ion:167 Resp: 587764

Ion Ratio Lower Upper

167 100

166 23.2 18.4 27.6

139 12.5 10.5 15.7



#74

Di-n-butylphthalate

Concen: 45.035 ng

RT: 11.904 min Scan# 1669

Delta R.T. -0.006 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

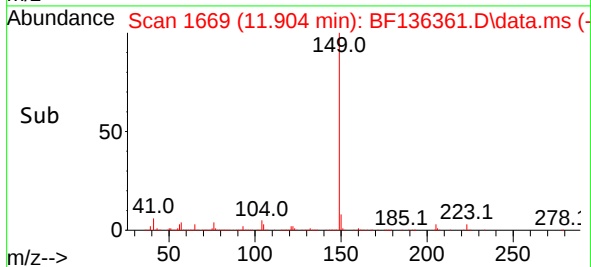
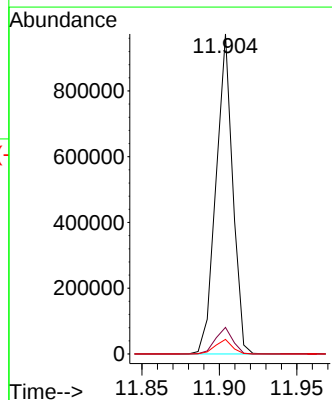
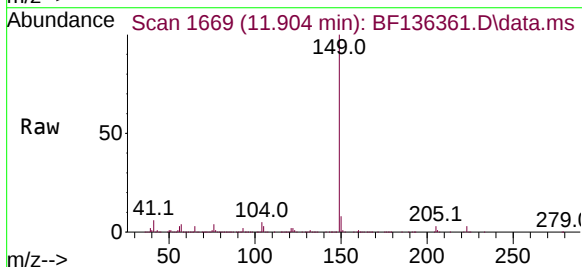
Tgt Ion:149 Resp: 728844

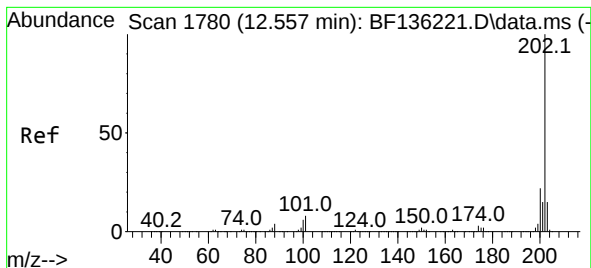
Ion Ratio Lower Upper

149 100

150 8.3 6.0 9.0

104 4.6 3.5 5.3





#75

Fluoranthene

Concen: 49.939 ng

RT: 12.551 min Scan# 1

Delta R.T. -0.006 min

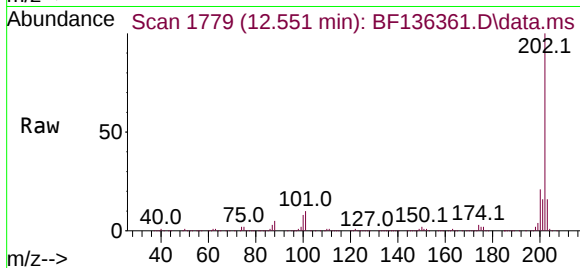
Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

Instrument :

BNA_F

ClientSampleId :



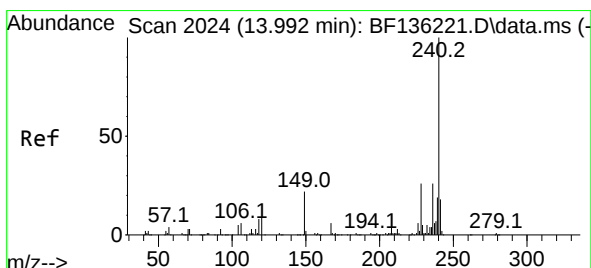
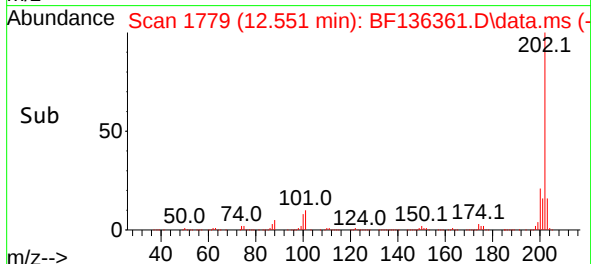
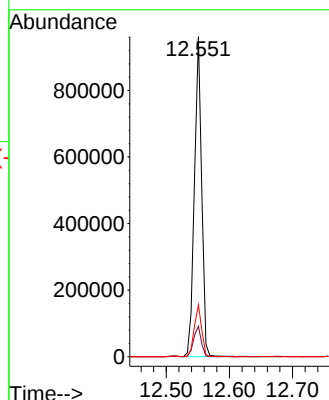
Tgt Ion:202 Resp: 768827

Ion Ratio Lower Upper

202 100

101 9.5 0.0 27.8

203 16.2 0.0 34.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.992 min Scan# 2024

Delta R.T. 0.000 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

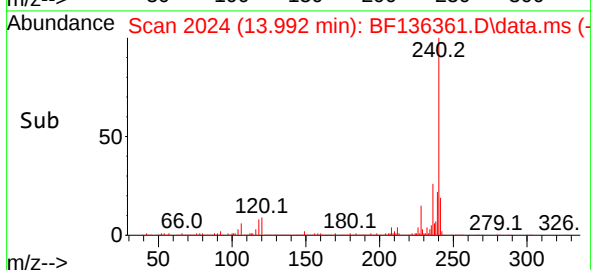
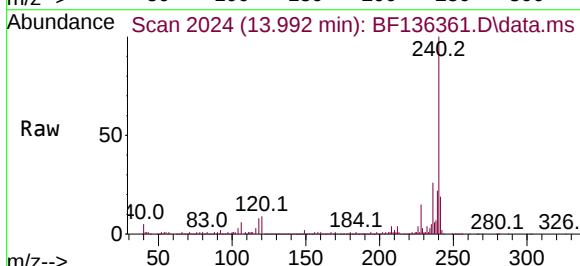
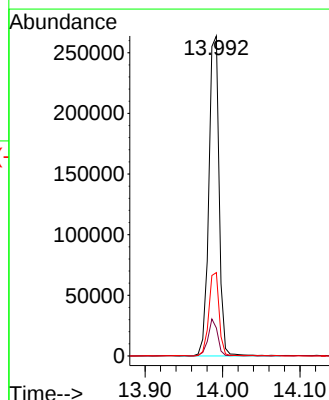
Tgt Ion:240 Resp: 242813

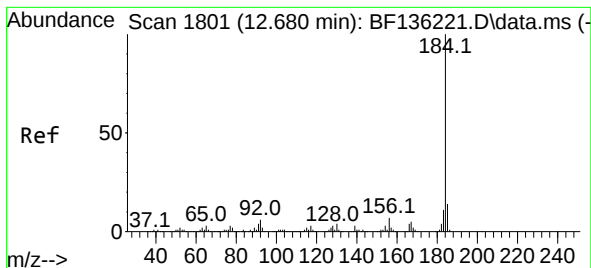
Ion Ratio Lower Upper

240 100

120 8.8 7.4 11.2

236 26.0 21.1 31.7





#77

Benzidine

Concen: 43.757 ng

RT: 12.674 min Scan# 1800

Delta R.T. -0.006 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

Instrument :

BNA_F

ClientSampleId :

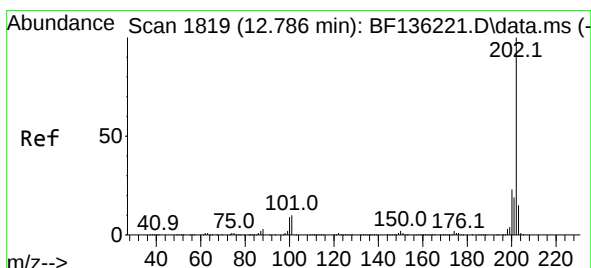
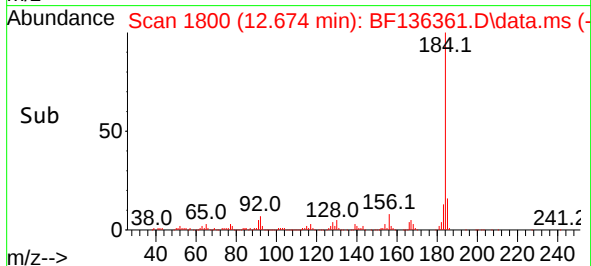
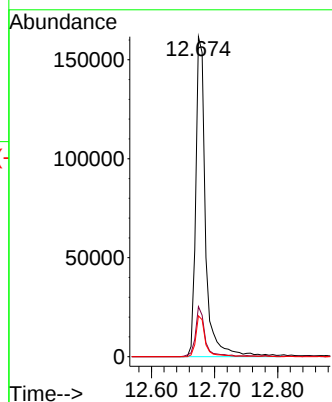
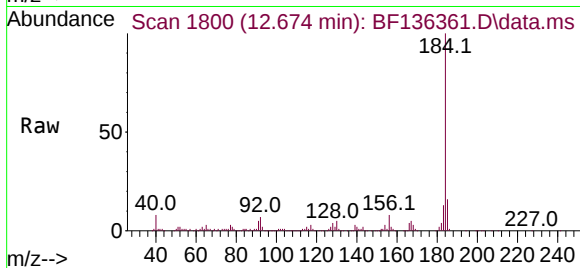
Tgt Ion:184 Resp: 174654

Ion Ratio Lower Upper

184 100

185 15.6 11.0 16.6

183 12.8 9.0 13.4



#78

Pyrene

Concen: 29.419 ng

RT: 12.780 min Scan# 1818

Delta R.T. -0.006 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

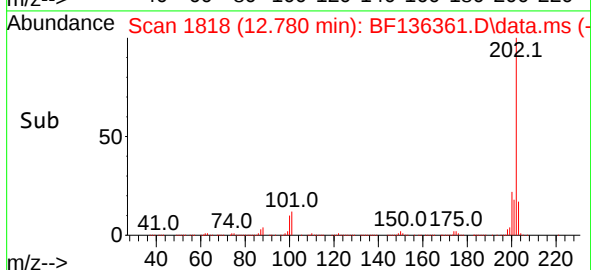
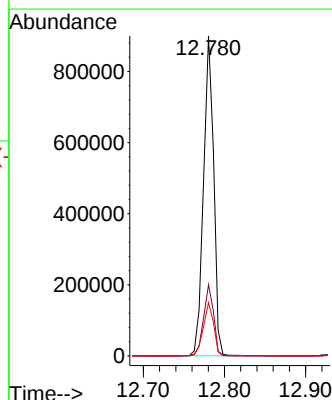
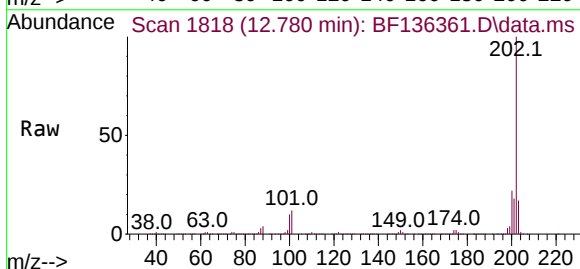
Tgt Ion:202 Resp: 782320

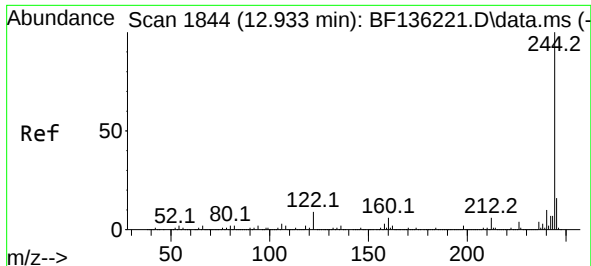
Ion Ratio Lower Upper

202 100

200 22.3 18.4 27.6

203 16.7 11.8 17.6





#79

Terphenyl-d14

Concen: 44.329 ng

RT: 12.927 min Scan# 1843

Delta R.T. -0.006 min

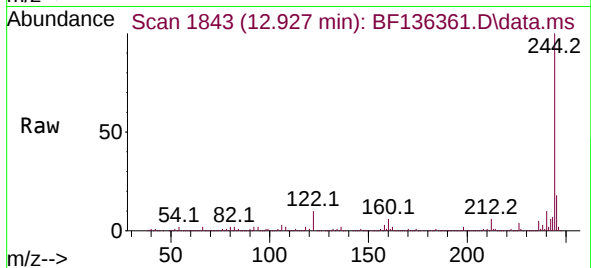
Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

Instrument :

BNA_F

ClientSampleId :



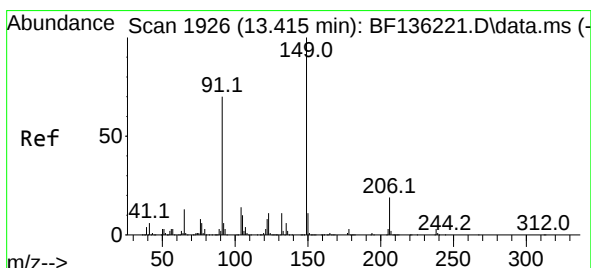
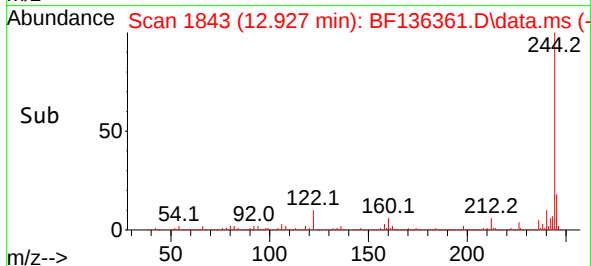
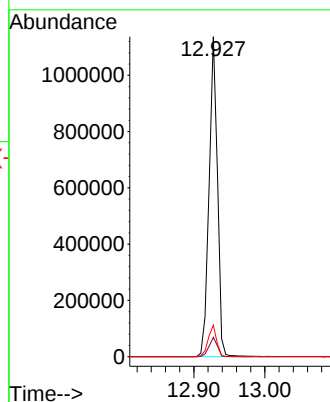
Tgt Ion:244 Resp: 933149

Ion Ratio Lower Upper

244 100

212 6.1 4.6 7.0

122 9.8 7.3 10.9



#80

Butylbenzylphthalate

Concen: 40.283 ng

RT: 13.410 min Scan# 1925

Delta R.T. -0.006 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

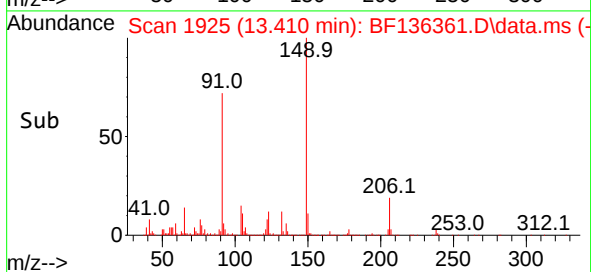
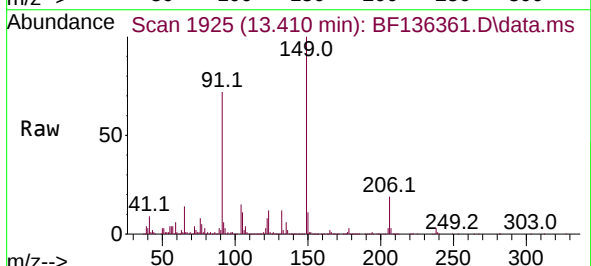
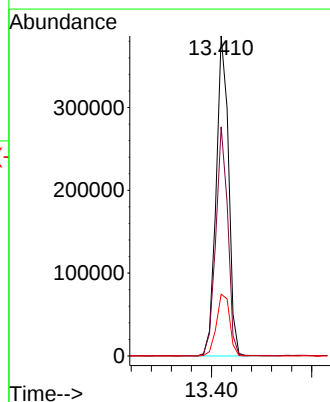
Tgt Ion:149 Resp: 333390

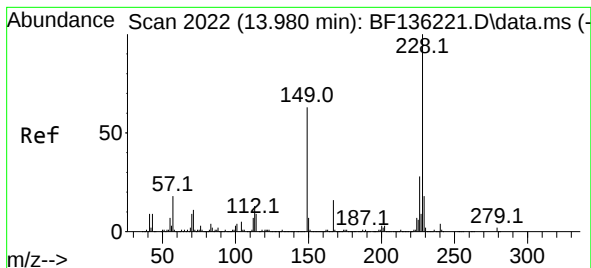
Ion Ratio Lower Upper

149 100

91 71.6 56.4 84.6

206 19.3 14.8 22.2





#81

Benzo(a)anthracene

Concen: 41.209 ng

RT: 13.980 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

Instrument :

BNA_F

ClientSampleId :

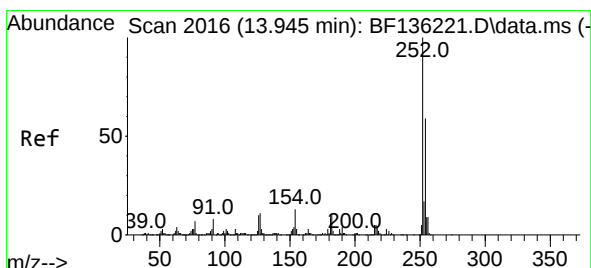
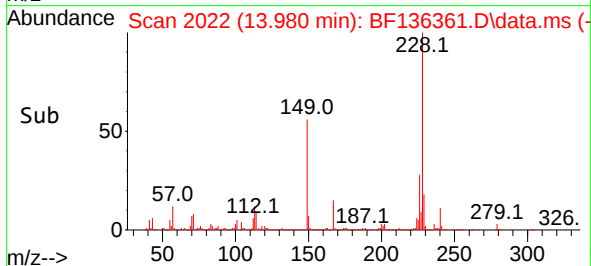
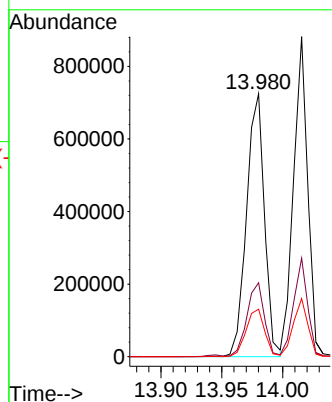
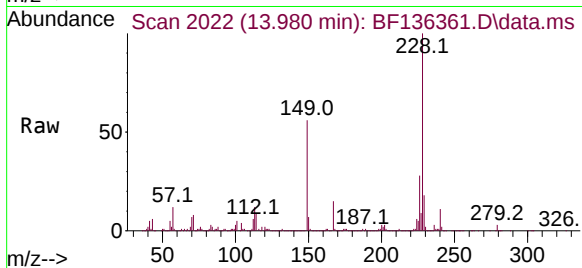
Tgt Ion:228 Resp: 743211

Ion Ratio Lower Upper

228 100

226 28.1 22.6 34.0

229 18.1 14.0 21.0



#82

3,3'-Dichlorobenzidine

Concen: 55.646 ng

RT: 13.945 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

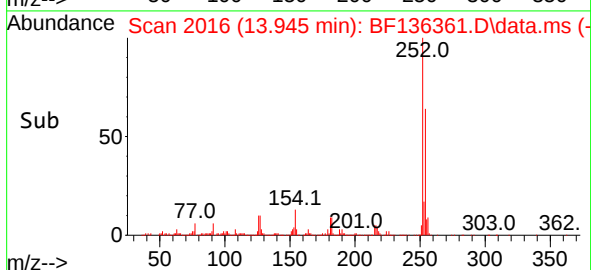
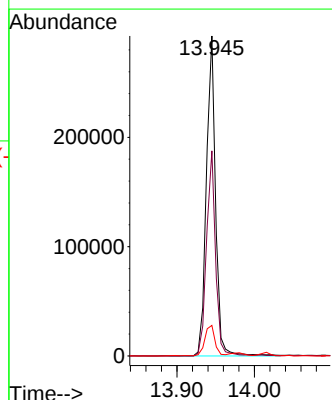
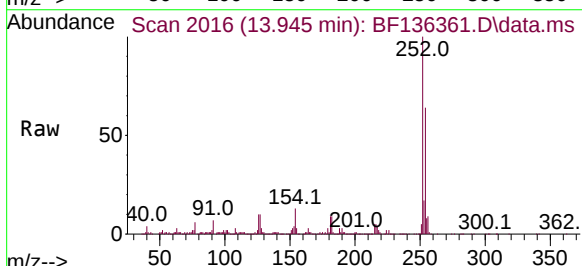
Tgt Ion:252 Resp: 241580

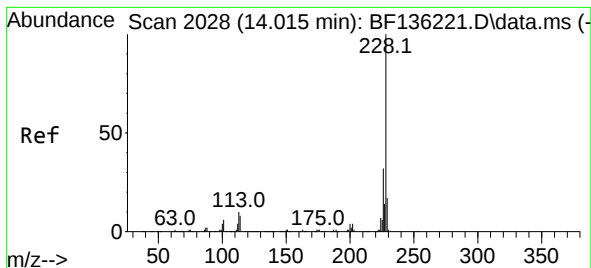
Ion Ratio Lower Upper

252 100

254 64.1 47.4 71.2

126 9.5 8.3 12.5





#83

Chrysene

Concen: 41.232 ng

RT: 14.016 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

Instrument :

BNA_F

ClientSampleId :

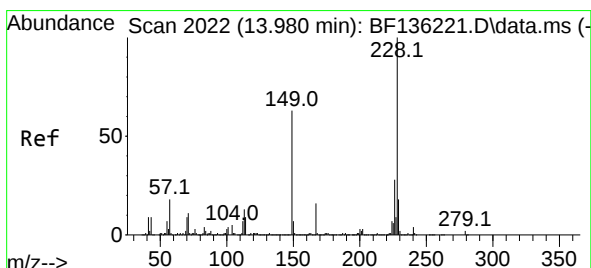
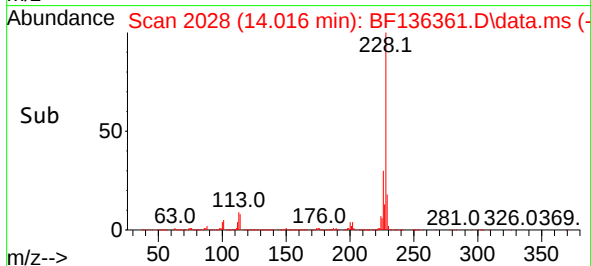
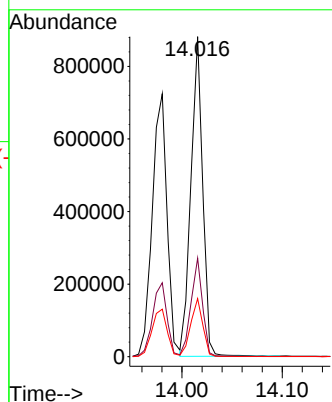
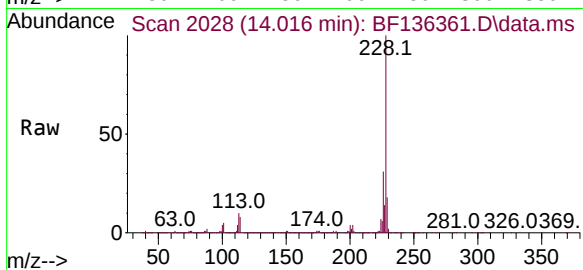
Tgt Ion:228 Resp: 718011

Ion Ratio Lower Upper

228 100

226 30.8 25.5 38.3

229 18.2 13.9 20.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.047 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

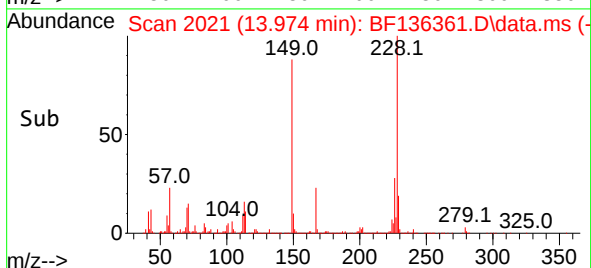
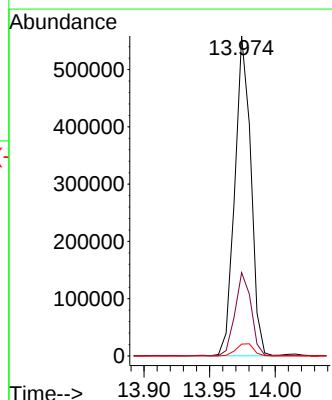
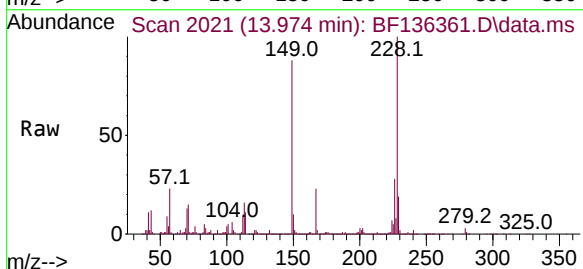
Tgt Ion:149 Resp: 477224

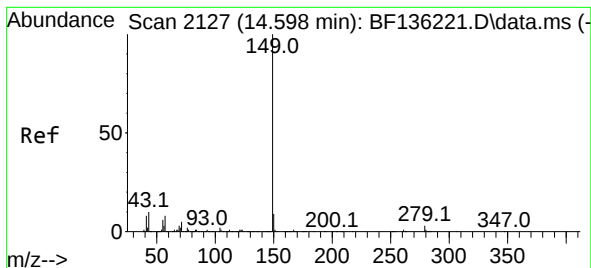
Ion Ratio Lower Upper

149 100

167 26.0 20.2 30.2

279 3.7 2.4 3.6#





#85

Di-n-octyl phthalate

Concen: 55.211 ng

RT: 14.592 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

Instrument :

BNA_F

ClientSampleId :

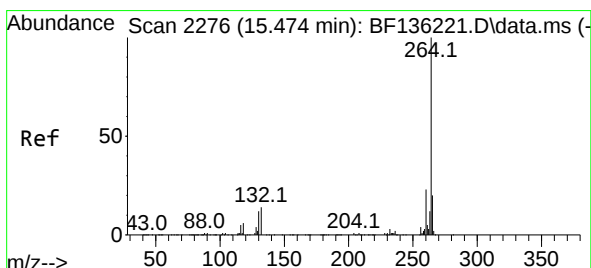
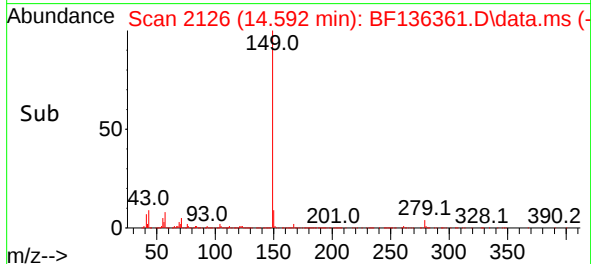
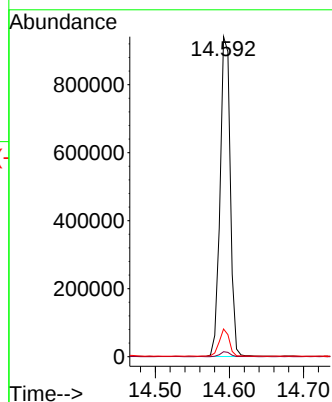
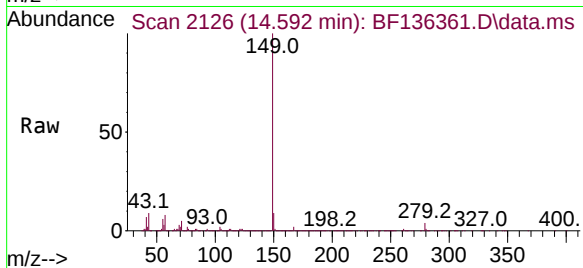
Tgt Ion:149 Resp: 904648

Ion Ratio Lower Upper

149 100

167 1.5 1.0 1.6

43 8.3 7.2 10.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2275

Delta R.T. -0.006 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

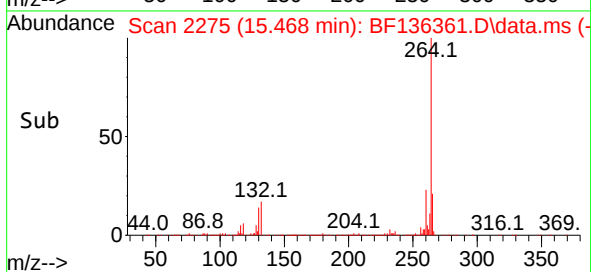
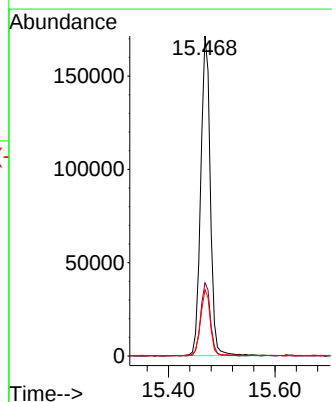
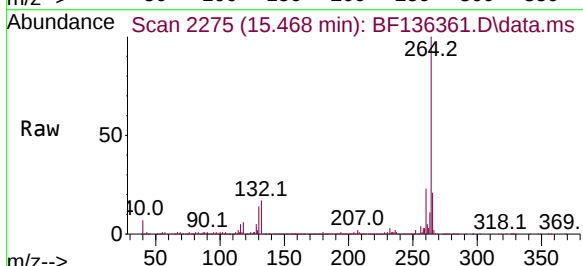
Tgt Ion:264 Resp: 213921

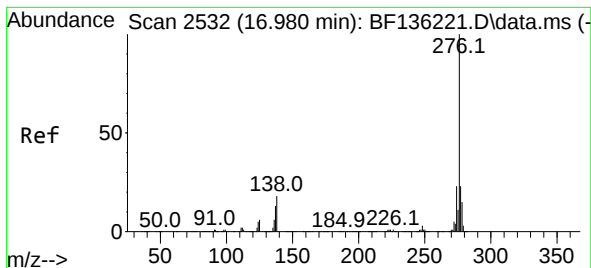
Ion Ratio Lower Upper

264 100

260 22.8 18.6 27.8

265 20.7 15.7 23.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 30.153 ng

RT: 16.974 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

Instrument :

BNA_F

ClientSampleId :

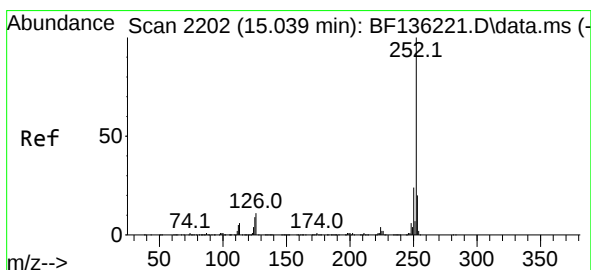
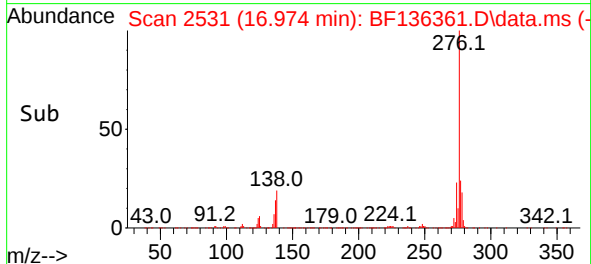
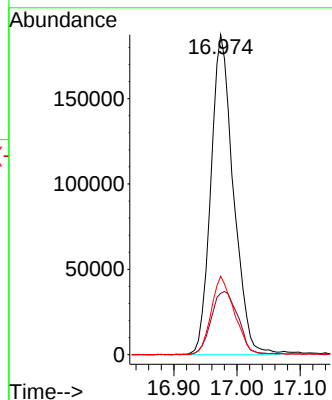
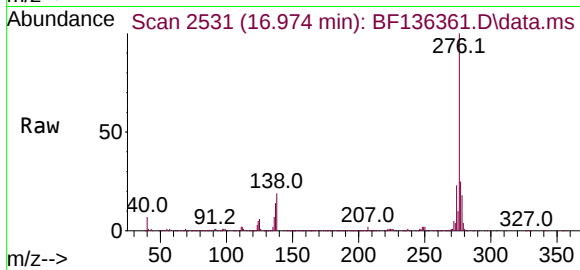
Tgt Ion:276 Resp: 465285

Ion Ratio Lower Upper

276 100

138 23.8 17.7 26.5

277 25.2 19.6 29.4



#88

Benzo(b)fluoranthene

Concen: 44.401 ng

RT: 15.039 min Scan# 2202

Delta R.T. 0.000 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

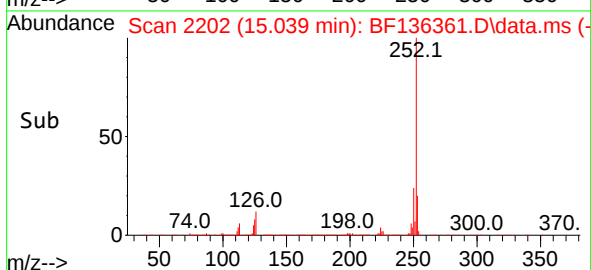
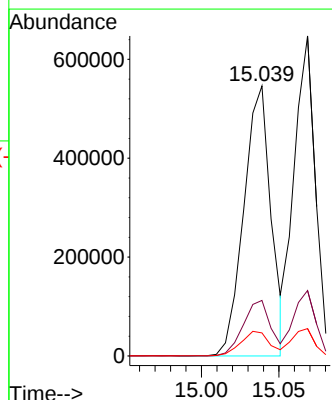
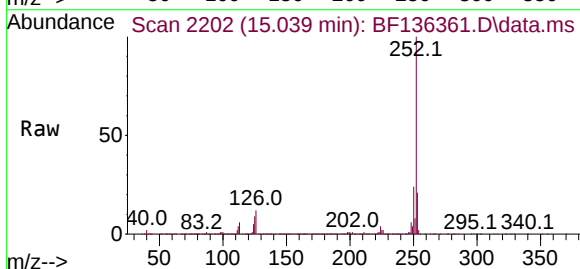
Tgt Ion:252 Resp: 666384

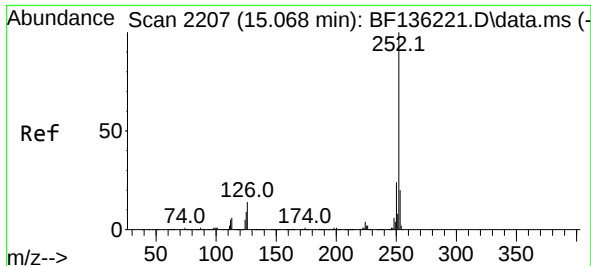
Ion Ratio Lower Upper

252 100

253 20.5 16.2 24.2

125 8.5 6.9 10.3





#89

Benzo(k)fluoranthene

Concen: 44.132 ng

RT: 15.068 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

Instrument :

BNA_F

ClientSampleId :

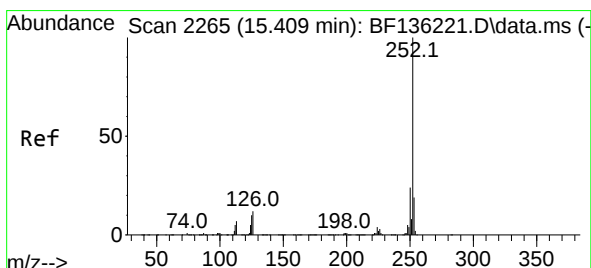
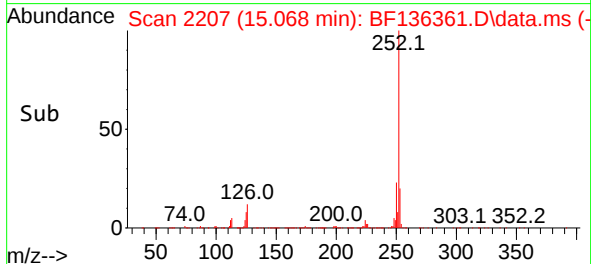
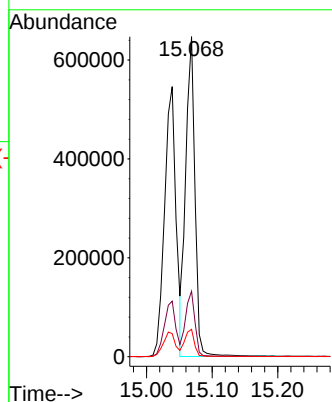
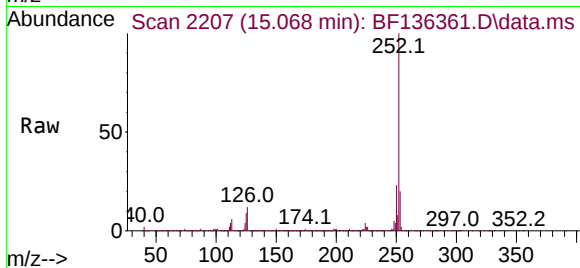
Tgt Ion:252 Resp: 629070

Ion Ratio Lower Upper

252 100

253 20.5 15.6 23.4

125 8.5 7.0 10.4



#90

Benzo(a)pyrene

Concen: 41.763 ng

RT: 15.410 min Scan# 2265

Delta R.T. 0.001 min

Lab File: BF136361.D

Acq: 02 Dec 2023 05:10

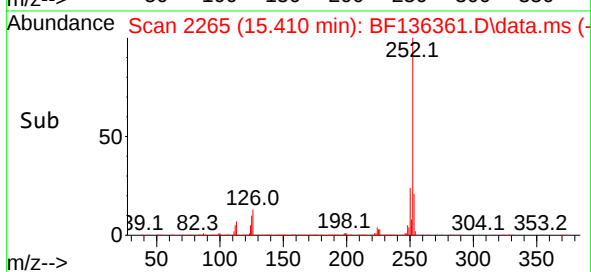
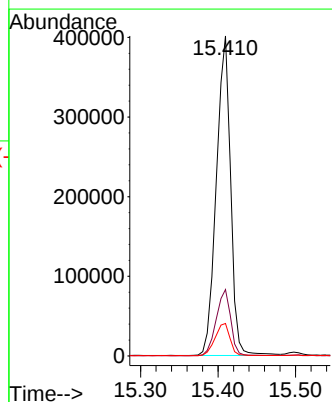
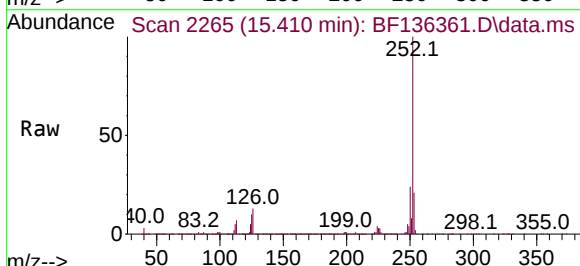
Tgt Ion:252 Resp: 512393

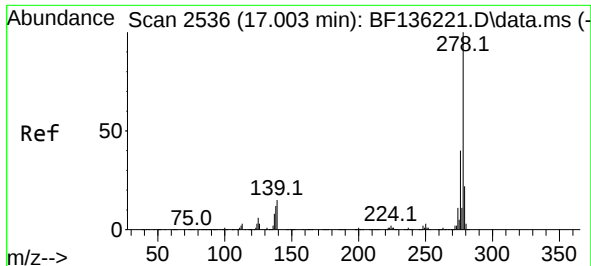
Ion Ratio Lower Upper

252 100

253 20.7 15.5 23.3

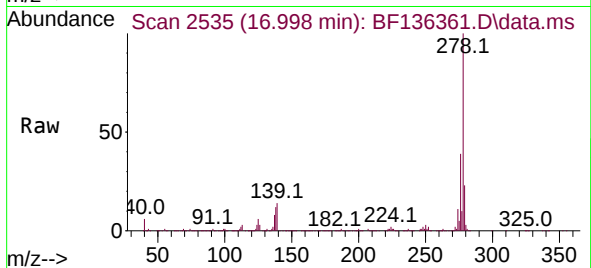
125 10.2 7.9 11.9





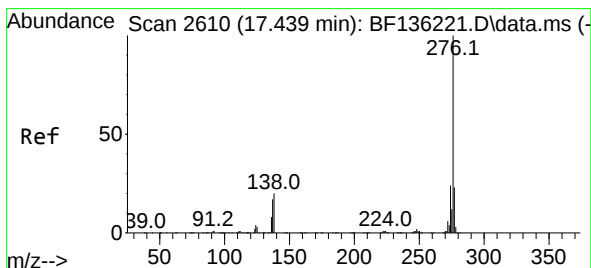
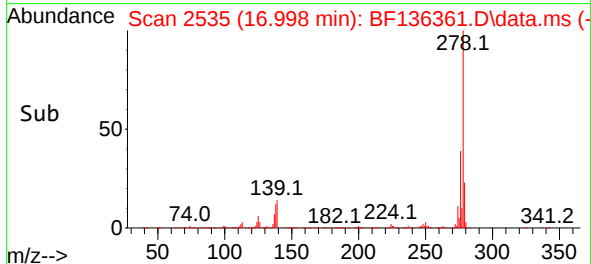
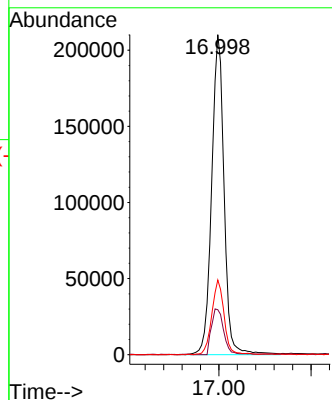
#91
Dibenzo(a,h)anthracene
Concen: 31.673 ng
RT: 16.998 min Scan# 21
Delta R.T. -0.005 min
Lab File: BF136361.D
Acq: 02 Dec 2023 05:10

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:278 Resp: 393931

Ion	Ratio	Lower	Upper
278	100		
139	14.1	11.7	17.5
279	23.3	17.8	26.8



#92
Benzo(g,h,i)perylene
Concen: 29.348 ng
RT: 17.433 min Scan# 2609
Delta R.T. -0.006 min
Lab File: BF136361.D
Acq: 02 Dec 2023 05:10

Tgt Ion:276 Resp: 368037

Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.6	27.8
138	21.7	15.8	23.8

