

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
 Data File : BF136334.D
 Acq On : 01 Dec 2023 13:12
 Operator : CG\JU
 Sample : PB157138BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157138BS

Quant Time: Dec 04 05:57:25 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	130370	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	563627	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	285080	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	491742	20.000	ng	0.00
76) Chrysene-d12	13.986	240	225632	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	256560	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1172496	125.177	ng	0.02
7) Phenol-d6	6.451	99	1449323	123.749	ng	0.00
23) Nitrobenzene-d5	7.375	82	887902	83.246	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	438607	125.843	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	1839659	82.426	ng	0.00
79) Terphenyl-d14	12.933	244	1599920	81.792	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.681	88	135298	38.176	ng	95
3) Pyridine	3.440	79	304576	34.814	ng	94
4) n-Nitrosodimethylamine	3.404	42	174090	39.366	ng	88
6) Aniline	6.475	93	442146	39.942	ng	97
8) 2-Chlorophenol	6.598	128	453679	44.484	ng	92
9) Benzaldehyde	6.363	77	226345	34.675	ng	97
10) Phenol	6.463	94	545291	43.398	ng	97
11) bis(2-Chloroethyl)ether	6.551	93	403320	43.756	ng	96
12) 1,3-Dichlorobenzene	6.751	146	475865	41.115	ng	99
13) 1,4-Dichlorobenzene	6.828	146	485857	41.293	ng	98
14) 1,2-Dichlorobenzene	6.975	146	456537	40.986	ng	96
15) Benzyl Alcohol	6.957	79	353792	43.086	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.087	45	543590	42.457	ng	97
17) 2-Methylphenol	7.063	107	359316	44.813	ng	100
18) Hexachloroethane	7.316	117	169870	41.160	ng	93
19) n-Nitroso-di-n-propyla...	7.228	70	300350	42.879	ng	96
20) 3+4-Methylphenols	7.216	107	449461	43.132	ng	91
22) Acetophenone	7.222	105	632303	42.715	ng	# 93
24) Nitrobenzene	7.392	77	442462	40.935	ng	95
25) Isophorone	7.628	82	831111	43.214	ng	97
26) 2-Nitrophenol	7.704	139	230780	50.111	ng	97
27) 2,4-Dimethylphenol	7.745	122	387342	63.901	ng	96
28) bis(2-Chloroethoxy)met...	7.839	93	511848	43.999	ng	97
29) 2,4-Dichlorophenol	7.945	162	376507	46.050	ng	98
30) 1,2,4-Trichlorobenzene	8.028	180	421766	42.134	ng	99
31) Naphthalene	8.110	128	1337362	42.214	ng	99
32) Benzoic acid	7.881	122	264313	47.845	ng	96
33) 4-Chloroaniline	8.157	127	373661	34.699	ng	98
34) Hexachlorobutadiene	8.222	225	237803	40.606	ng	99
35) Caprolactam	8.534	113	73819	32.297	ng	98
36) 4-Chloro-3-methylphenol	8.645	107	394833	44.526	ng	98
37) 2-Methylnaphthalene	8.798	142	859715	43.261	ng	99
38) 1-Methylnaphthalene	8.898	142	796957	41.109	ng	95
40) 1,2,4,5-Tetrachloroben...	8.969	216	409083	45.089	ng	98
41) Hexachlorocyclopentadiene	8.951	237	444872	127.433	ng	96
43) 2,4,6-Trichlorophenol	9.081	196	265924	45.158	ng	94

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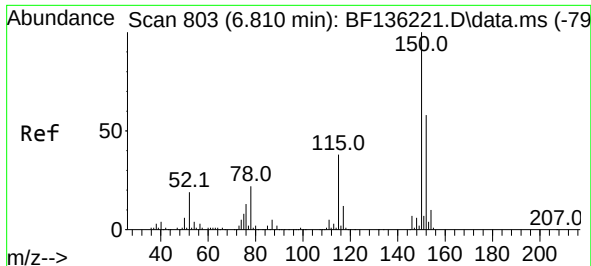
Quant Time: Dec 04 05:57:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	280942	43.717	ng	98
46) 1,1'-Biphenyl	9.269	154	1106599	44.018	ng	99
47) 2-Chloronaphthalene	9.292	162	833187	42.677	ng	98
48) 2-Nitroaniline	9.392	65	227994	44.729	ng	# 80
49) Acenaphthylene	9.710	152	1254724	45.035	ng	99
50) Dimethylphthalate	9.575	163	948488	44.020	ng	99
51) 2,6-Dinitrotoluene	9.633	165	198841	45.172	ng	97
52) Acenaphthene	9.880	154	767966	43.618	ng	98
53) 3-Nitroaniline	9.804	138	162961	37.311	ng	95
54) 2,4-Dinitrophenol	9.910	184	199396	97.397	ng	98
55) Dibenzofuran	10.051	168	1138788	43.466	ng	99
56) 4-Nitrophenol	9.969	139	266020	80.193	ng	91
57) 2,4-Dinitrotoluene	10.039	165	259606	44.152	ng	94
58) Fluorene	10.398	166	869122	42.292	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.169	232	235319	46.022	ng	99
60) Diethylphthalate	10.275	149	899569	41.736	ng	98
61) 4-Chlorophenyl-phenyle...	10.392	204	428202	42.906	ng	96
62) 4-Nitroaniline	10.422	138	171282	40.063	ng	97
63) Azobenzene	10.551	77	835165	41.796	ng	97
65) 4,6-Dinitro-2-methylph...	10.451	198	136324	50.695	ng	84
66) n-Nitrosodiphenylamine	10.510	169	759153	48.174	ng	99
67) 4-Bromophenyl-phenylether	10.880	248	269372	46.954	ng	98
68) Hexachlorobenzene	10.945	284	301292	45.377	ng	95
69) Atrazine	11.039	200	134602	28.794	ng	96
70) Pentachlorophenol	11.139	266	287520	76.607	ng	97
71) Phenanthrene	11.363	178	1256020	45.445	ng	99
72) Anthracene	11.416	178	1269096	45.789	ng	99
73) Carbazole	11.569	167	963565	40.876	ng	100
74) Di-n-butylphthalate	11.904	149	1248585	42.333	ng	98
75) Fluoranthene	12.551	202	1062183	37.858	ng	95
77) Benzidine	12.680	184	200111	53.953	ng	97
78) Pyrene	12.780	202	1047975	42.410	ng	97
80) Butylbenzylphthalate	13.410	149	340073	44.220	ng	98
81) Benzo(a)anthracene	13.980	228	738300	44.053	ng	98
82) 3,3'-Dichlorobenzidine	13.945	252	251953	62.454	ng	96
83) Chrysene	14.016	228	709357	43.837	ng	98
84) Bis(2-ethylhexyl)phtha...	13.974	149	441203	47.803	ng	# 99
85) Di-n-octyl phthalate	14.592	149	825996	54.339	ng	# 99
87) Indeno(1,2,3-cd)pyrene	16.986	276	865359	45.285	ng	98
88) Benzo(b)fluoranthene	15.039	252	780267	43.349	ng	99
89) Benzo(k)fluoranthene	15.068	252	754083	44.110	ng	99
90) Benzo(a)pyrene	15.410	252	688528	46.793	ng	98
91) Dibenzo(a,h)anthracene	17.009	278	718473	46.753	ng	99
92) Benzo(g,h,i)perylene	17.445	276	704406	45.702	ng	100

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

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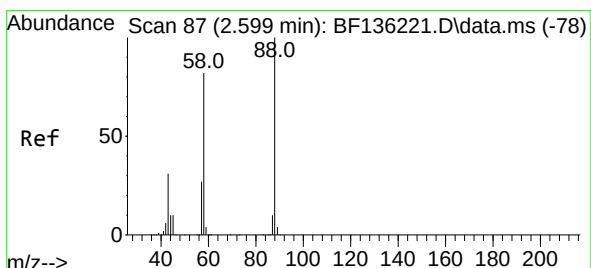
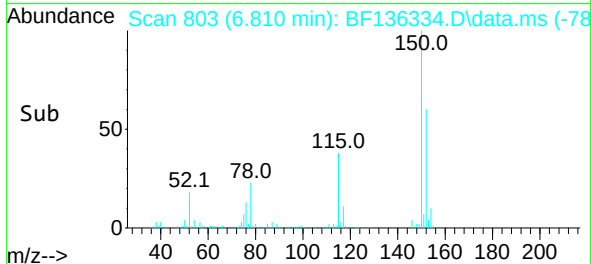
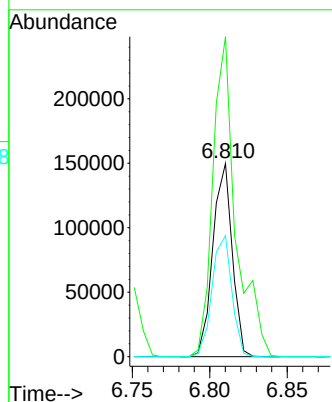
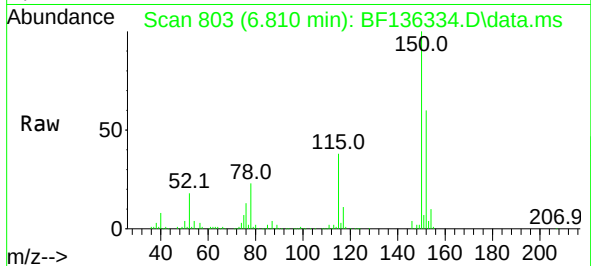




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.810 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF136334.D
 Acq: 01 Dec 2023 13:12

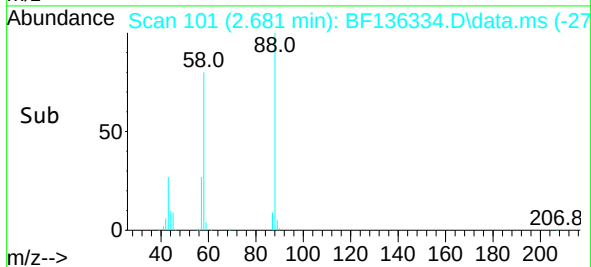
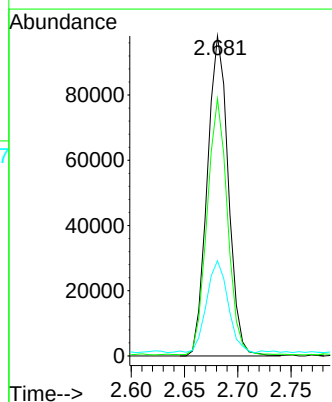
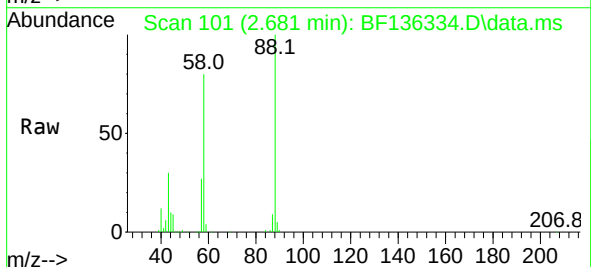
Instrument :
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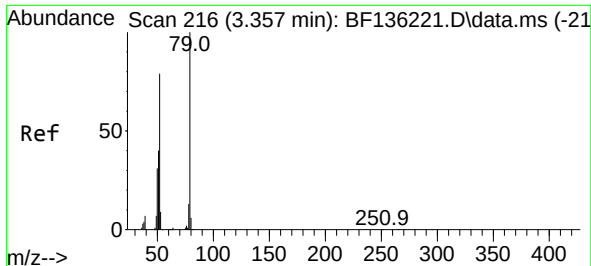
Tgt Ion:152 Resp: 130370
 Ion Ratio Lower Upper
 152 100
 150 165.5 137.8 206.8
 115 62.5 52.7 79.1



#2
 1,4-Dioxane
 Concen: 38.176 ng
 RT: 2.681 min Scan# 101
 Delta R.T. 0.082 min
 Lab File: BF136334.D
 Acq: 01 Dec 2023 13:12

Tgt Ion: 88 Resp: 135298
 Ion Ratio Lower Upper
 88 100
 58 77.2 65.9 98.9
 43 29.4 24.8 37.2

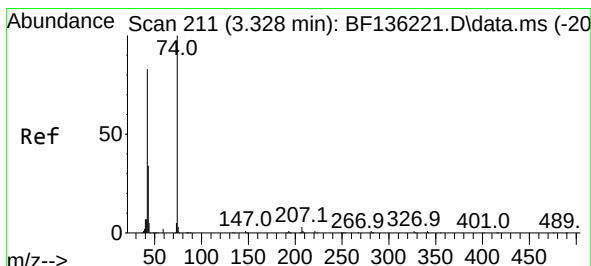
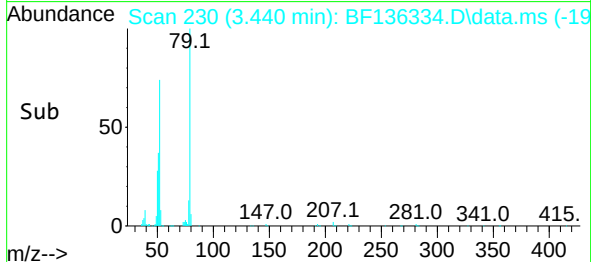
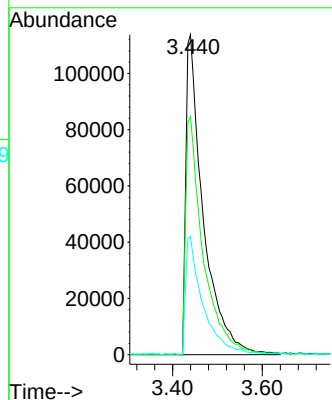
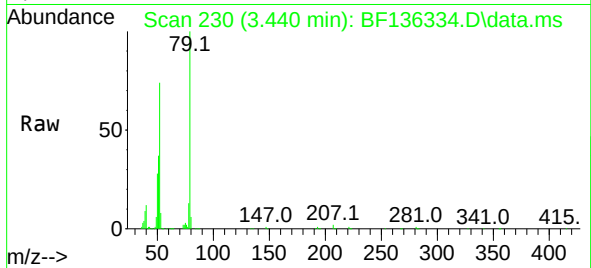




#3
Pyridine
Concen: 34.814 ng
RT: 3.440 min Scan# 21
Delta R.T. 0.082 min
Lab File: BF136334.D
Acq: 01 Dec 2023 13:12

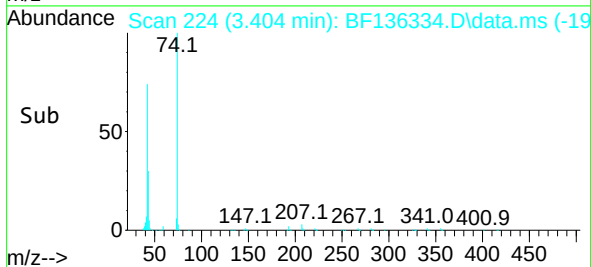
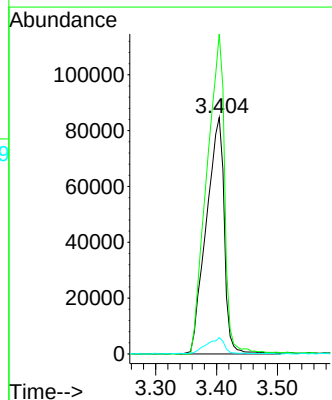
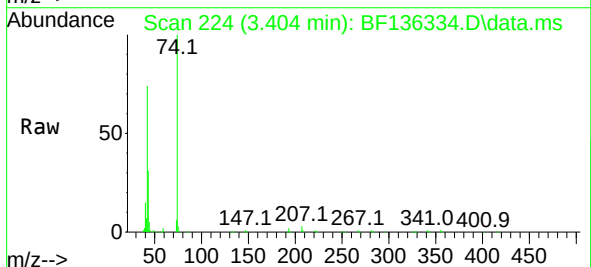
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ClientSampleId :
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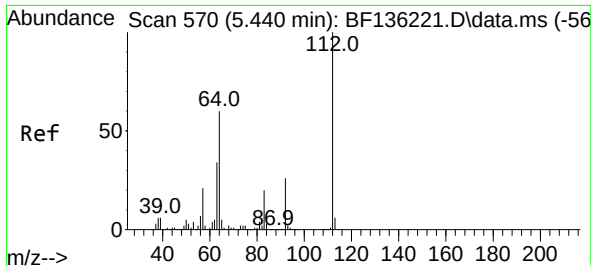
Tgt Ion: 79 Resp: 304576
Ion Ratio Lower Upper
79 100
52 74.4 63.2 94.8
51 37.0 32.6 49.0



#4
n-Nitrosodimethylamine
Concen: 39.366 ng
RT: 3.404 min Scan# 224
Delta R.T. 0.077 min
Lab File: BF136334.D
Acq: 01 Dec 2023 13:12

Tgt Ion: 42 Resp: 174090
Ion Ratio Lower Upper
42 100
74 135.3 96.6 144.8
44 6.9 5.4 8.2

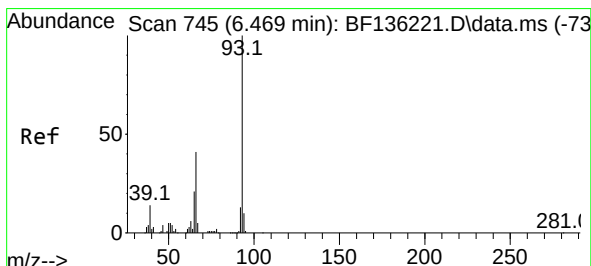
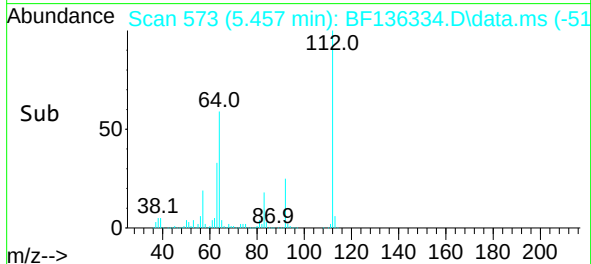
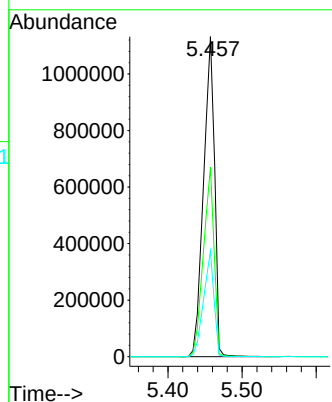
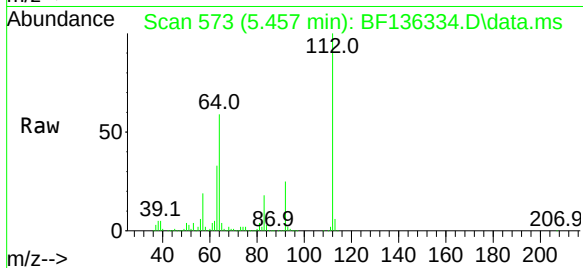




#5
2-Fluorophenol
Concen: 125.177 ng
RT: 5.457 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF136334.D
Acq: 01 Dec 2023 13:12

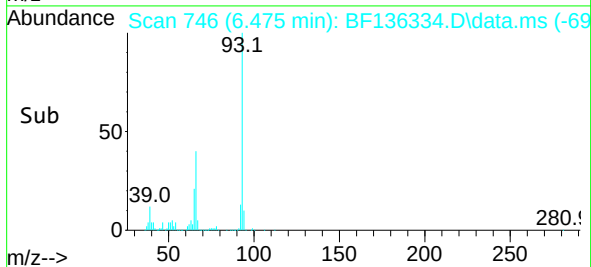
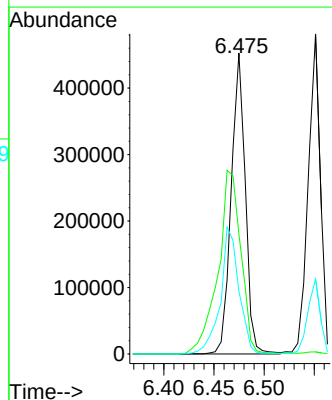
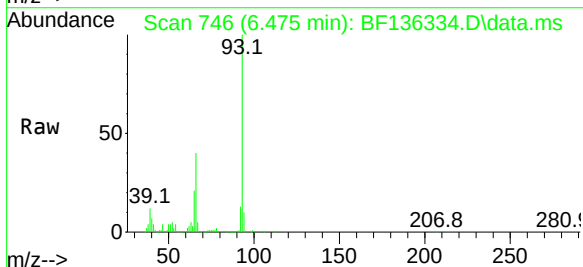
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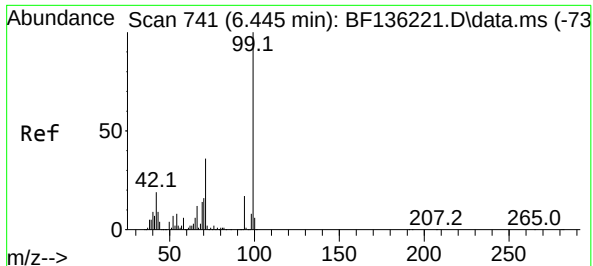
Tgt Ion:112 Resp: 1172496
Ion Ratio Lower Upper
112 100
64 59.2 48.2 72.4
63 33.1 27.0 40.6



#6
Aniline
Concen: 39.942 ng
RT: 6.475 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF136334.D
Acq: 01 Dec 2023 13:12

Tgt Ion: 93 Resp: 442146
Ion Ratio Lower Upper
93 100
66 39.9 34.1 51.1
65 20.8 17.3 25.9

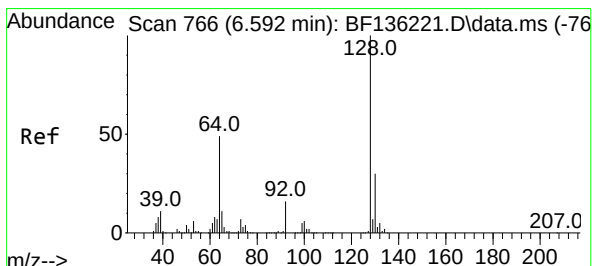
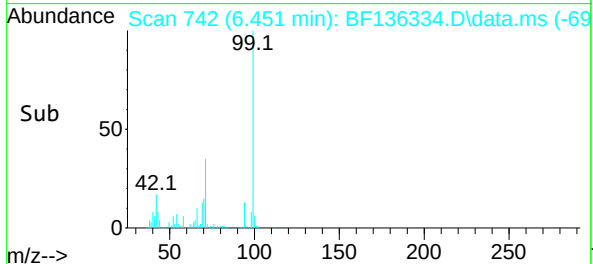
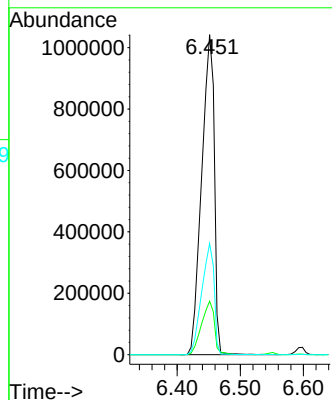
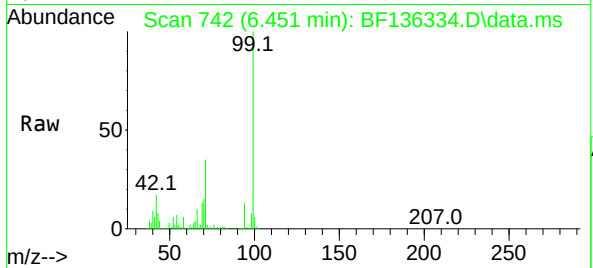




#7
Phenol-d6
Concen: 123.749 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF136334.D
Acq: 01 Dec 2023 13:12

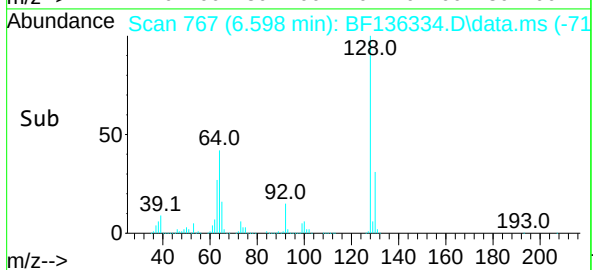
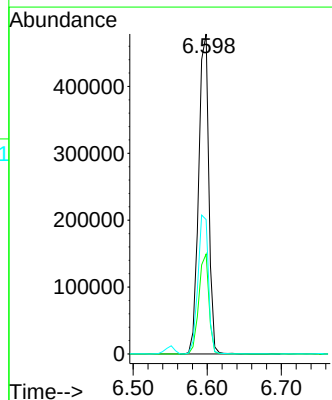
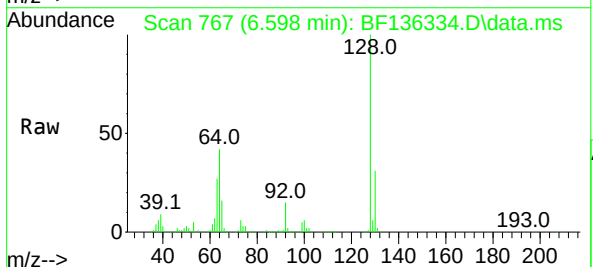
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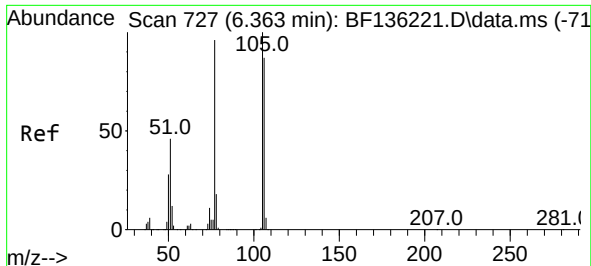
Tgt Ion: 99 Resp: 1449323
Ion Ratio Lower Upper
99 100
42 16.8 15.0 22.6
71 34.7 28.9 43.3



#8
2-Chlorophenol
Concen: 44.484 ng
RT: 6.598 min Scan# 767
Delta R.T. 0.006 min
Lab File: BF136334.D
Acq: 01 Dec 2023 13:12

Tgt Ion:128 Resp: 453679
Ion Ratio Lower Upper
128 100
130 31.2 10.3 50.3
64 42.0 30.0 70.0





#9

Benzaldehyde

Concen: 34.675 ng

RT: 6.363 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF136334.D

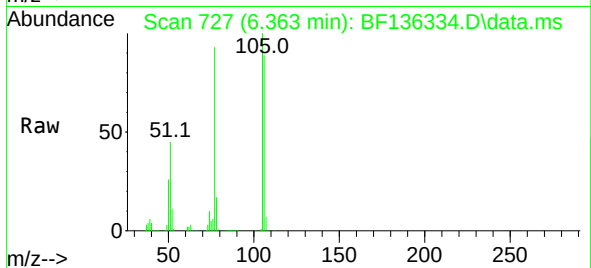
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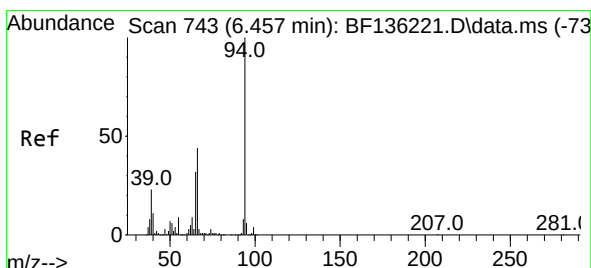
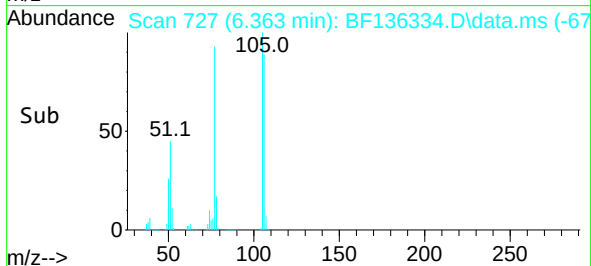
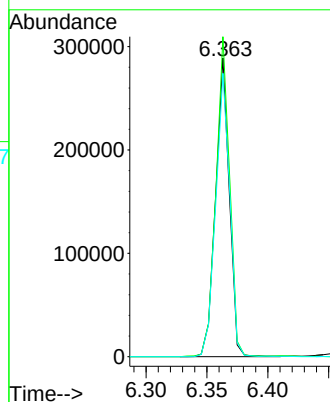
Tgt Ion: 77 Resp: 226345

Ion Ratio Lower Upper

77 100

105 107.1 84.3 124.3

106 94.8 71.0 111.0



#10

Phenol

Concen: 43.398 ng

RT: 6.463 min Scan# 744

Delta R.T. 0.006 min

Lab File: BF136334.D

Acq: 01 Dec 2023 13:12

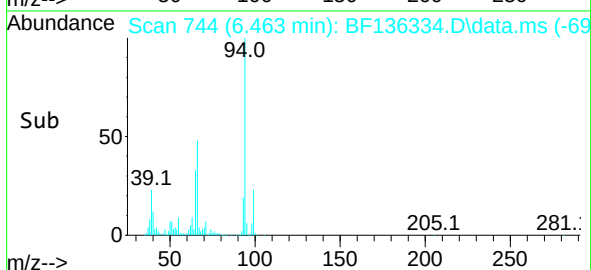
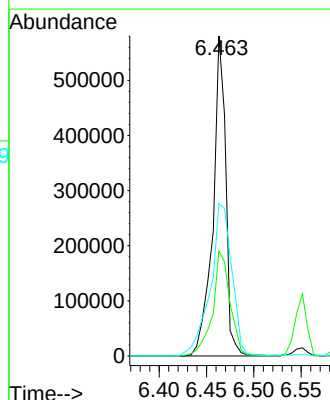
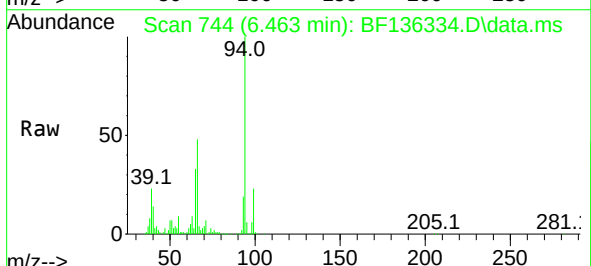
Tgt Ion: 94 Resp: 545291

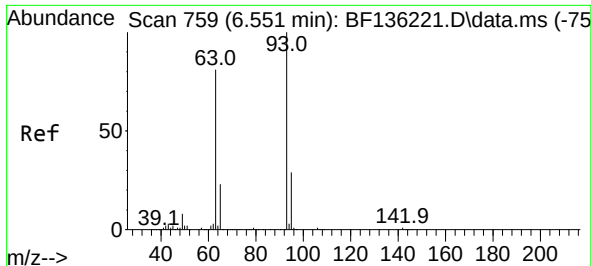
Ion Ratio Lower Upper

94 100

65 32.9 12.5 52.5

66 47.6 24.1 64.1

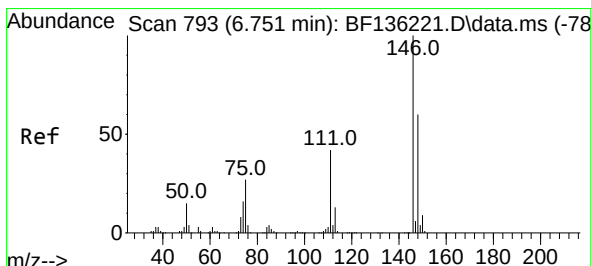
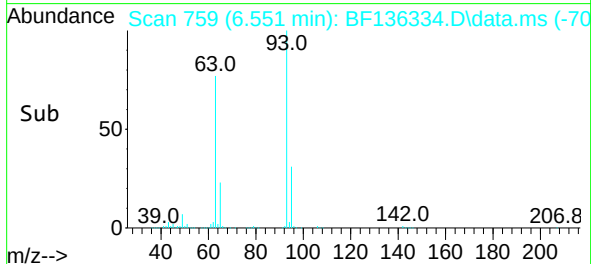
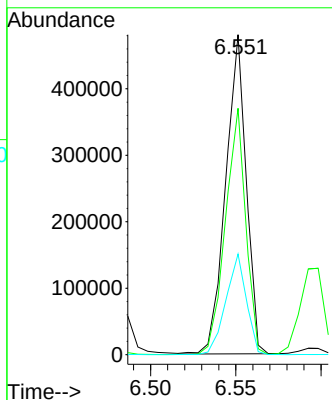
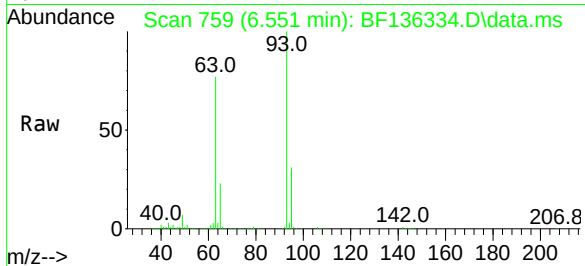




#11
bis(2-Chloroethyl)ether
Concen: 43.756 ng
RT: 6.551 min Scan# 759
Delta R.T. 0.000 min
Lab File: BF136334.D
Acq: 01 Dec 2023 13:12

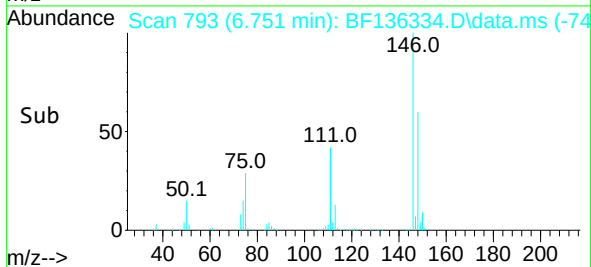
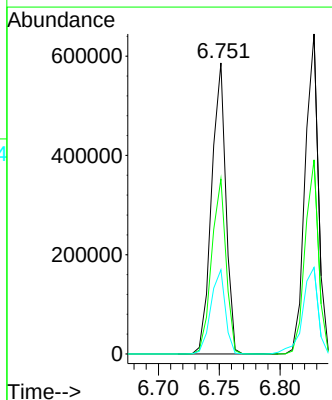
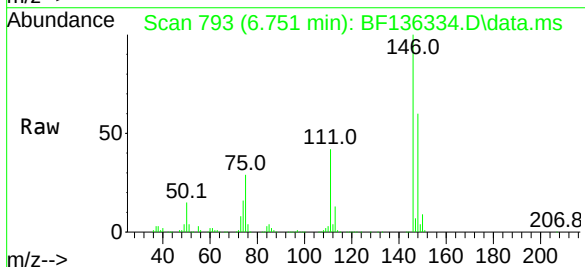
Instrument :
BNA_F
ClientSampleId :
PB157138BS

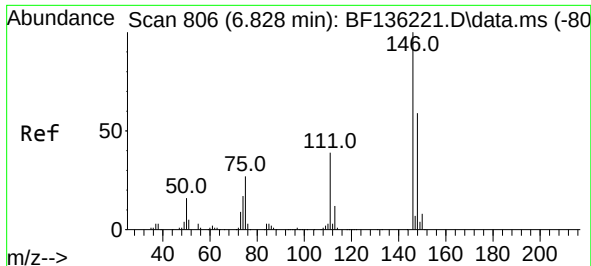
Tgt Ion: 93 Resp: 403320
Ion Ratio Lower Upper
93 100
63 77.0 60.2 100.2
95 31.4 9.1 49.1



#12
1,3-Dichlorobenzene
Concen: 41.115 ng
RT: 6.751 min Scan# 793
Delta R.T. 0.000 min
Lab File: BF136334.D
Acq: 01 Dec 2023 13:12

Tgt Ion: 146 Resp: 475865
Ion Ratio Lower Upper
146 100
148 60.2 47.8 71.6
75 28.9 22.0 33.0





#13

1,4-Dichlorobenzene

Concen: 41.293 ng

RT: 6.828 min Scan# 806

Delta R.T. 0.000 min

Lab File: BF136334.D

Acq: 01 Dec 2023 13:12

Instrument :

BNA_F

ClientSampleId :

PB157138BS

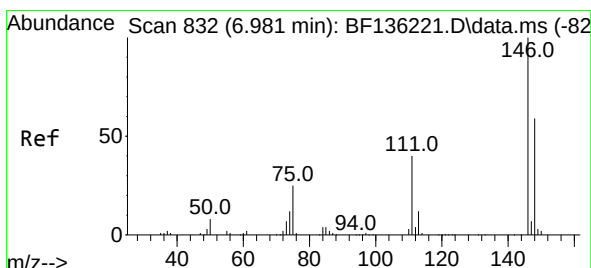
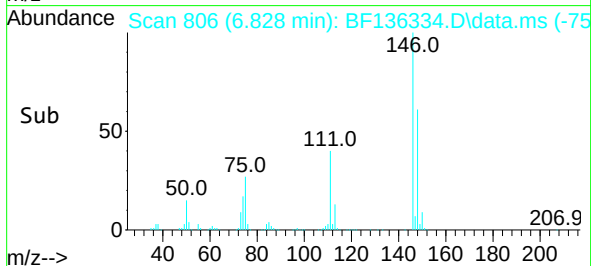
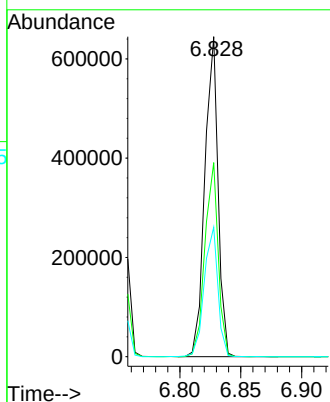
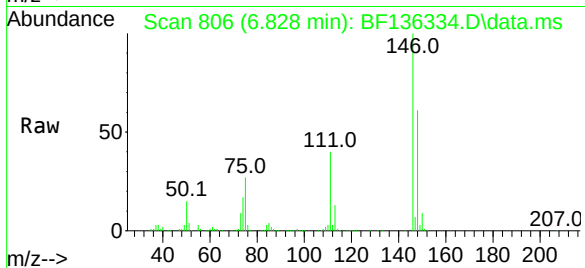
Tgt Ion:146 Resp: 485857

Ion Ratio Lower Upper

146 100

148 60.6 47.0 70.6

111 40.5 31.5 47.3



#14

1,2-Dichlorobenzene

Concen: 40.986 ng

RT: 6.975 min Scan# 831

Delta R.T. -0.006 min

Lab File: BF136334.D

Acq: 01 Dec 2023 13:12

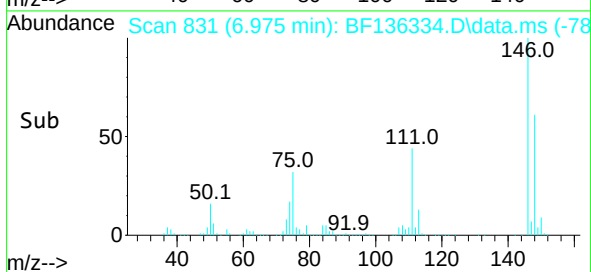
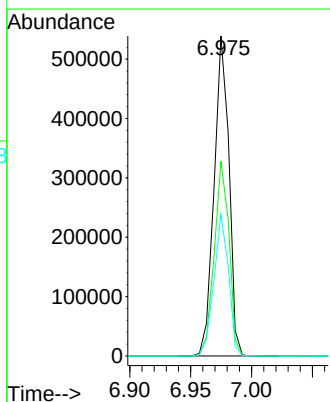
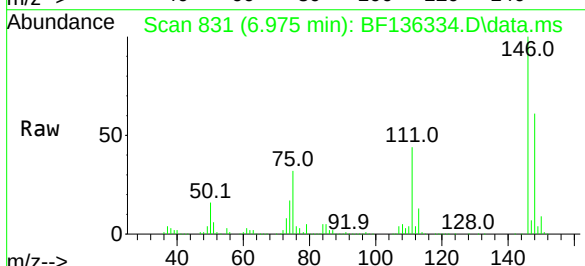
Tgt Ion:146 Resp: 456537

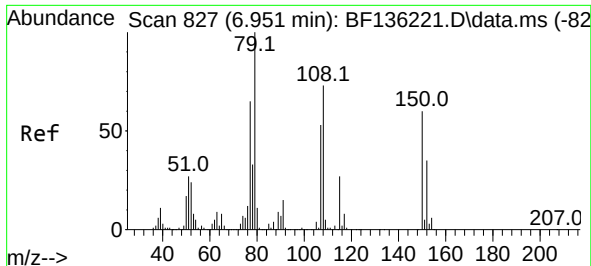
Ion Ratio Lower Upper

146 100

148 60.8 47.3 70.9

111 44.2 32.4 48.6

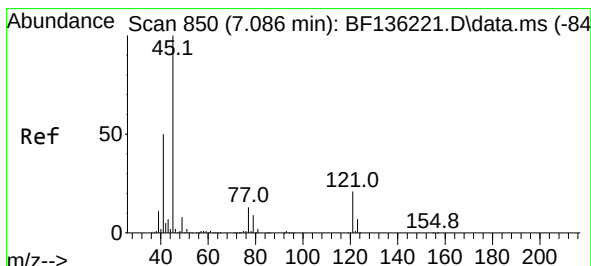
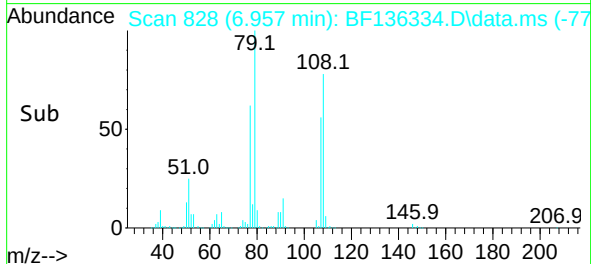
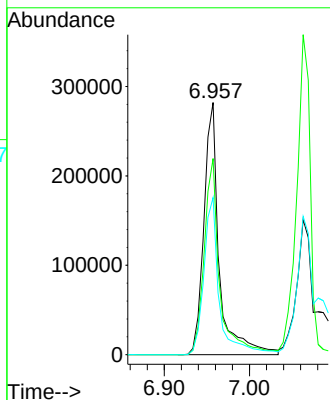
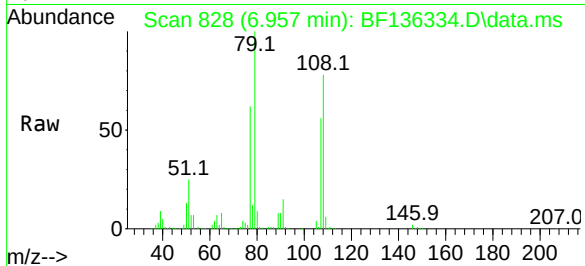




#15
Benzyl Alcohol
Concen: 43.086 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF136334.D
Acq: 01 Dec 2023 13:12

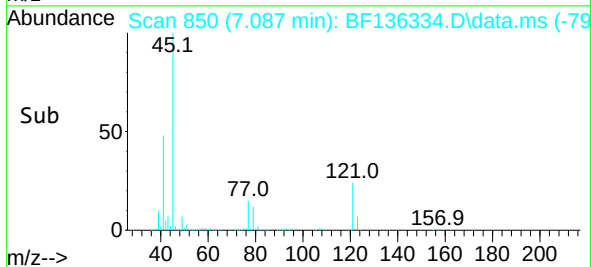
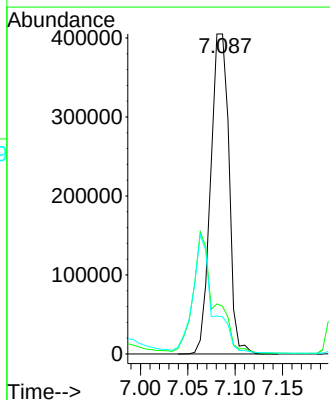
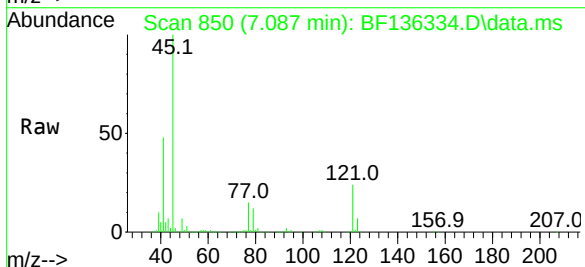
Instrument :
BNA_F
ClientSampleId :
PB157138BS

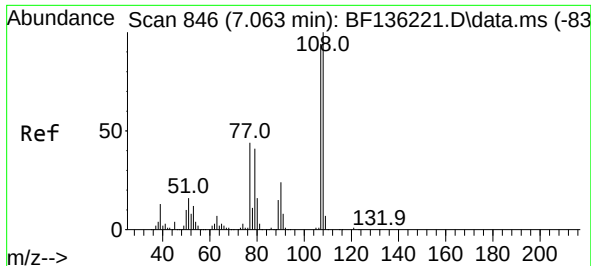
Tgt Ion: 79 Resp: 353792
Ion Ratio Lower Upper
79 100
108 77.8 58.1 87.1
77 62.3 51.8 77.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.457 ng
RT: 7.087 min Scan# 850
Delta R.T. 0.000 min
Lab File: BF136334.D
Acq: 01 Dec 2023 13:12

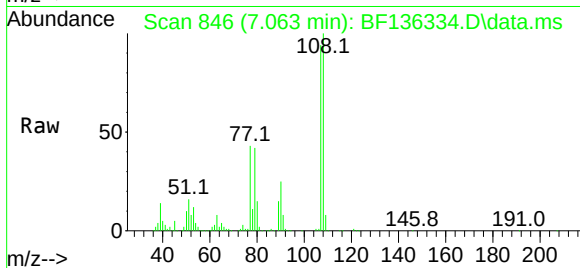
Tgt Ion: 45 Resp: 543590
Ion Ratio Lower Upper
45 100
77 14.9 0.0 34.0
79 11.6 0.0 30.1



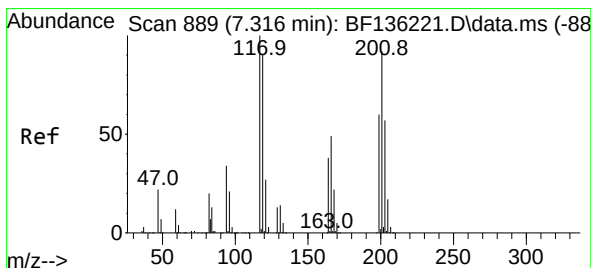
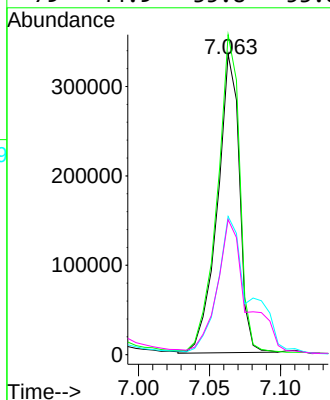
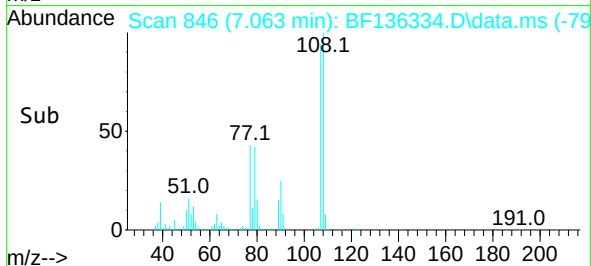


#17
2-Methylphenol
Concen: 44.813 ng
RT: 7.063 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF136334.D
Acq: 01 Dec 2023 13:12

Instrument :
BNA_F
ClientSampleId :
PB157138BS

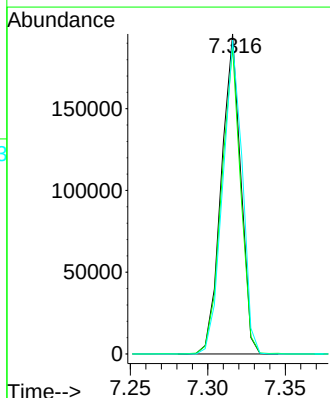
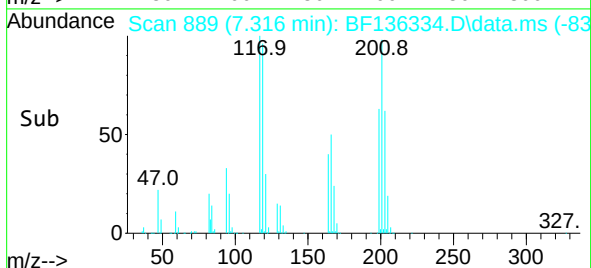
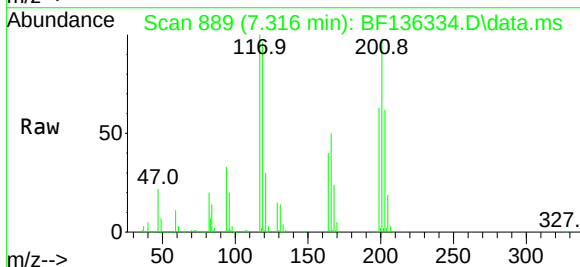


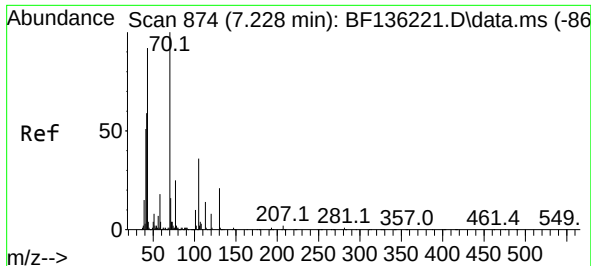
Tgt Ion:	107	Resp:	359316
Ion	Ratio	Lower	Upper
107	100		
108	106.5	85.4	128.0
77	46.0	37.4	56.2
79	44.9	35.8	53.8



#18
Hexachloroethane
Concen: 41.160 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF136334.D
Acq: 01 Dec 2023 13:12

Tgt Ion:	117	Resp:	169870
Ion	Ratio	Lower	Upper
117	100		
119	96.0	71.6	107.4
201	98.0	73.4	110.2

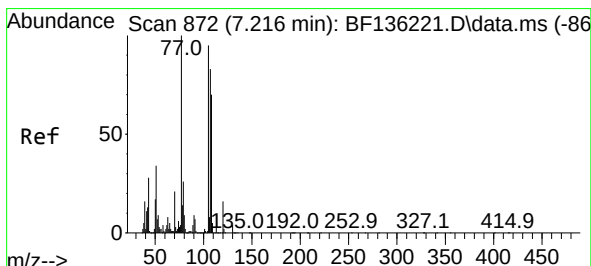
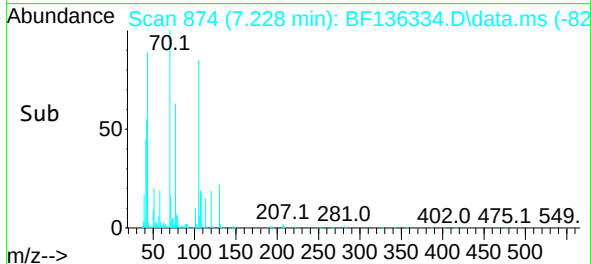
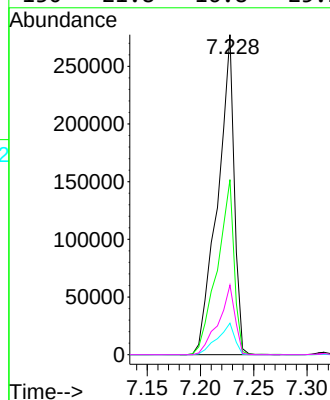
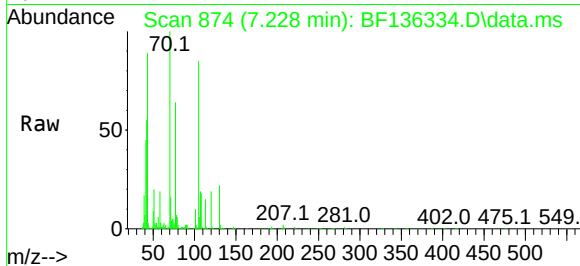




#19
n-Nitroso-di-n-propylamine
Concen: 42.879 ng
RT: 7.228 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136334.D
Acq: 01 Dec 2023 13:12

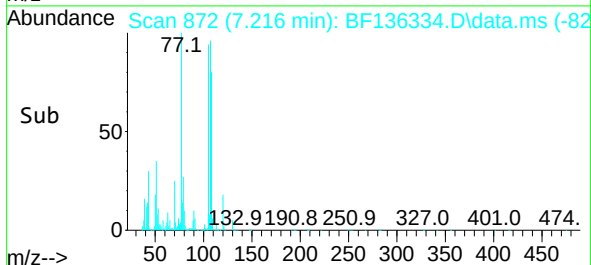
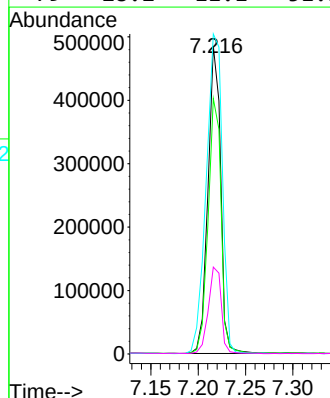
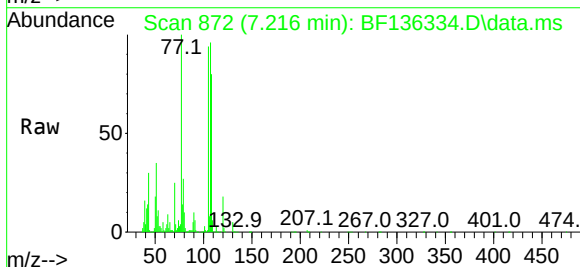
Instrument :
BNA_F
ClientSampleId :
PB157138BS

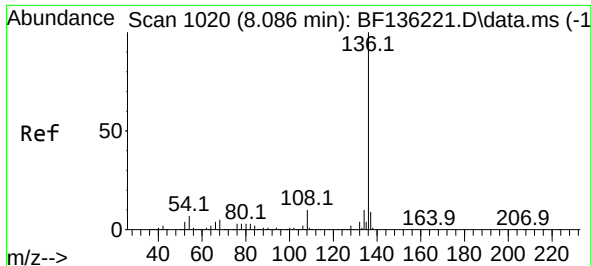
Tgt Ion: 70 Resp: 300350
Ion Ratio Lower Upper
70 100
42 54.7 47.0 70.4
101 9.8 7.8 11.8
130 21.8 16.8 25.2



#20
3+4-Methylphenols
Concen: 43.132 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF136334.D
Acq: 01 Dec 2023 13:12

Tgt Ion: 107 Resp: 449461
Ion Ratio Lower Upper
107 100
108 82.9 63.9 103.9
77 103.9 100.2 140.2
79 28.2 11.1 51.1

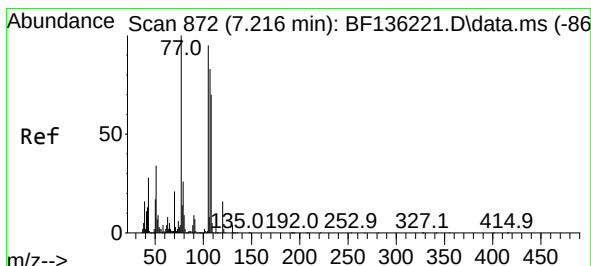
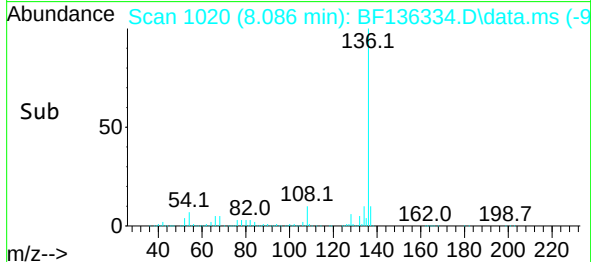
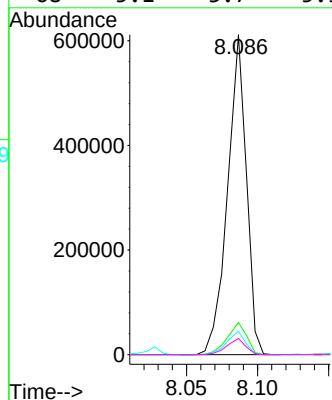
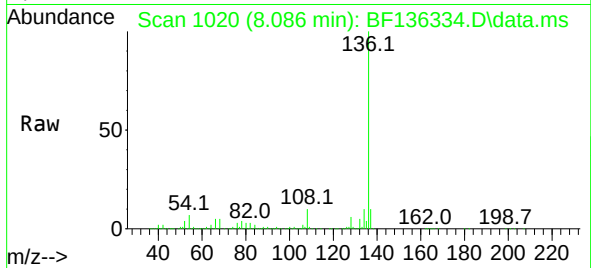




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BF136334.D
Acq: 01 Dec 2023 13:12

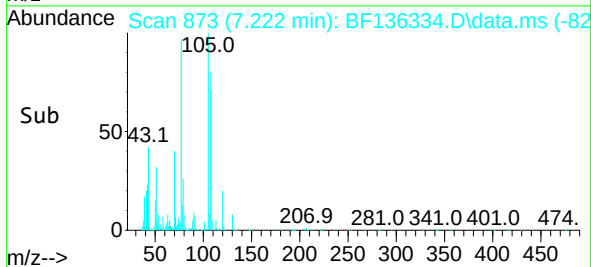
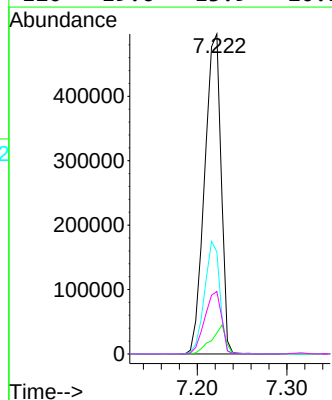
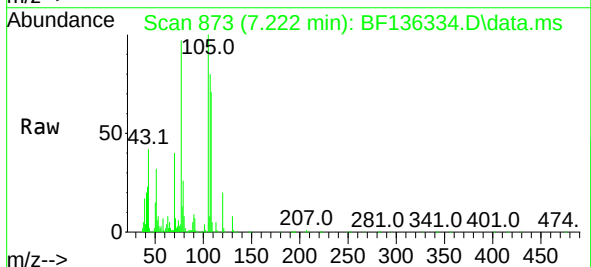
Instrument :
BNA_F
ClientSampleId :
PB157138BS

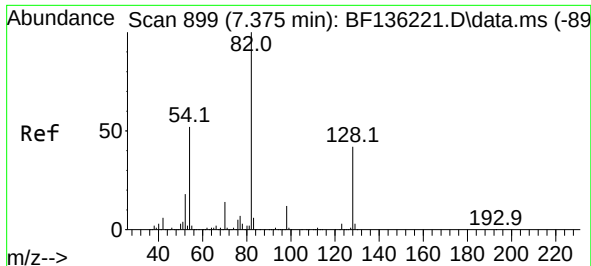
Tgt Ion:136 Resp: 563627
Ion Ratio Lower Upper
136 100
137 10.0 7.4 11.2
54 7.3 5.5 8.3
68 5.1 3.7 5.5



#22
Acetophenone
Concen: 42.715 ng
RT: 7.222 min Scan# 873
Delta R.T. 0.006 min
Lab File: BF136334.D
Acq: 01 Dec 2023 13:12

Tgt Ion:105 Resp: 632303
Ion Ratio Lower Upper
105 100
71 6.6 2.8 4.2#
51 31.9 29.0 43.6
120 19.6 13.9 20.9

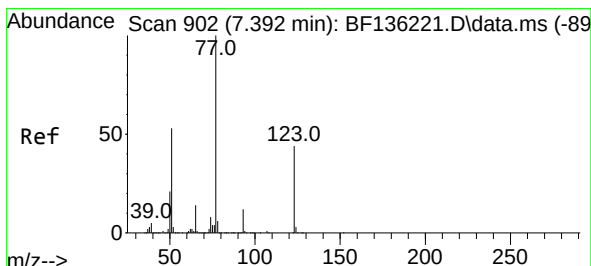
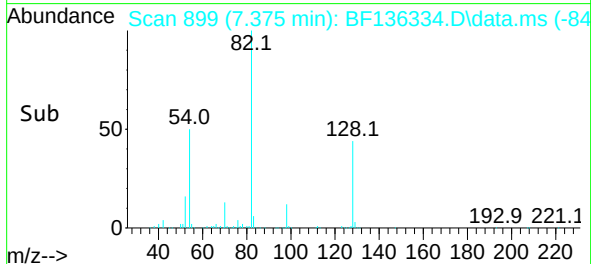
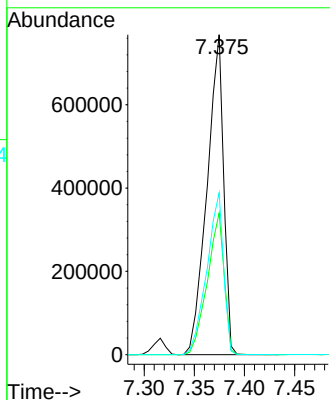
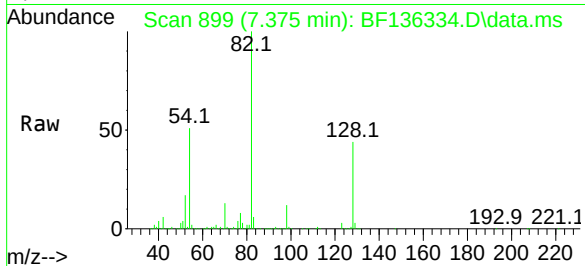




#23
Nitrobenzene-d5
Concen: 83.246 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF136334.D
Acq: 01 Dec 2023 13:12

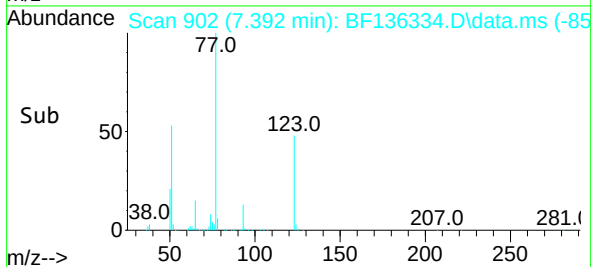
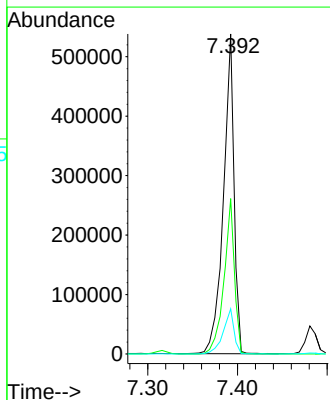
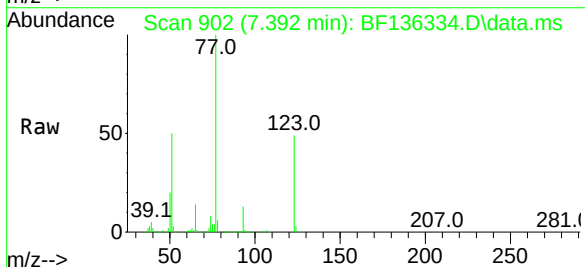
Instrument :
BNA_F
ClientSampleId :
PB157138BS

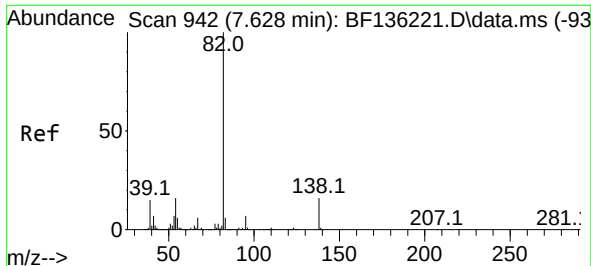
Tgt Ion: 82 Resp: 887902
Ion Ratio Lower Upper
82 100
128 44.3 33.4 50.2
54 50.6 41.7 62.5



#24
Nitrobenzene
Concen: 40.935 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.000 min
Lab File: BF136334.D
Acq: 01 Dec 2023 13:12

Tgt Ion: 77 Resp: 442462
Ion Ratio Lower Upper
77 100
123 48.5 35.4 53.2
65 14.1 11.0 16.6

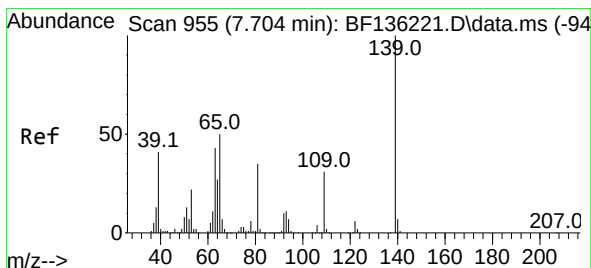
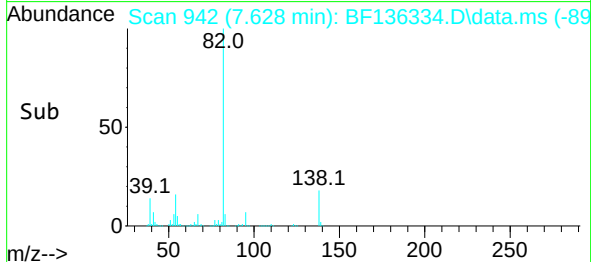
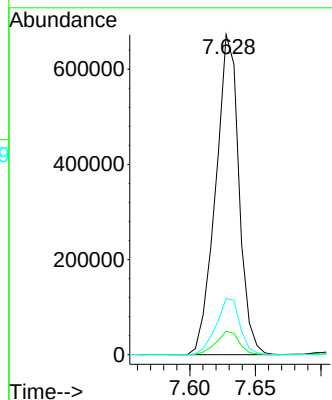
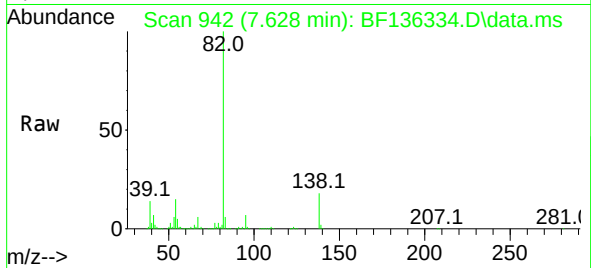




#25
Isophorone
Concen: 43.214 ng
RT: 7.628 min Scan# 942
Delta R.T. 0.000 min
Lab File: BF136334.D
Acq: 01 Dec 2023 13:12

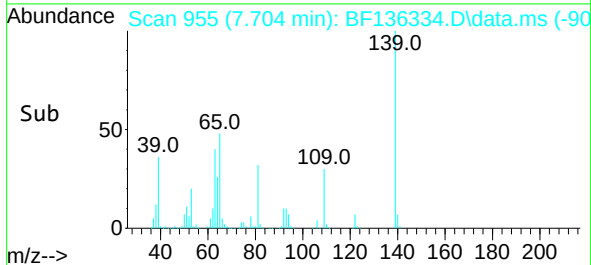
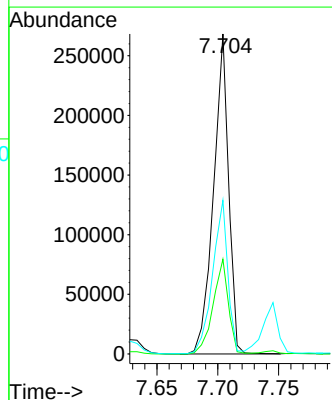
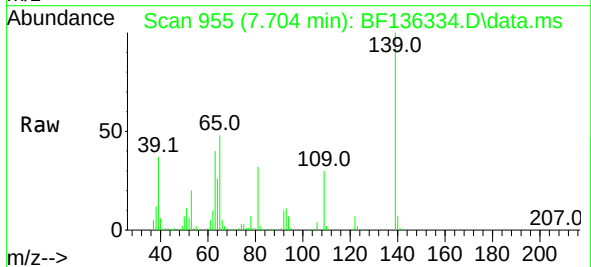
Instrument :
BNA_F
ClientSampleId :
PB157138BS

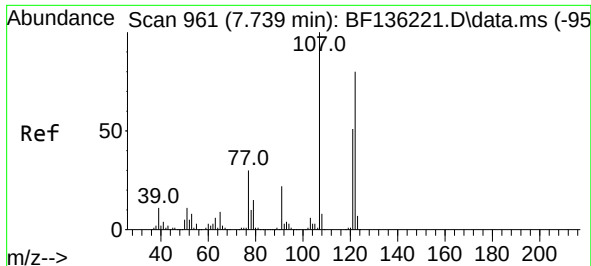
Tgt Ion: 82 Resp: 831111
Ion Ratio Lower Upper
82 100
95 7.3 5.5 8.3
138 17.6 12.8 19.2



#26
2-Nitrophenol
Concen: 50.111 ng
RT: 7.704 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF136334.D
Acq: 01 Dec 2023 13:12

Tgt Ion:139 Resp: 230780
Ion Ratio Lower Upper
139 100
109 29.6 25.0 37.6
65 48.0 40.4 60.6





#27

2,4-Dimethylphenol

Concen: 63.901 ng

RT: 7.745 min Scan# 961

Delta R.T. 0.006 min

Lab File: BF136334.D

Acq: 01 Dec 2023 13:12

Instrument :

BNA_F

ClientSampleId :

PB157138BS

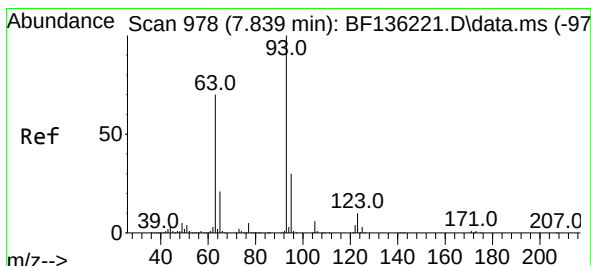
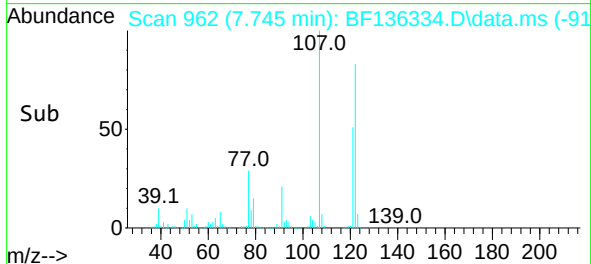
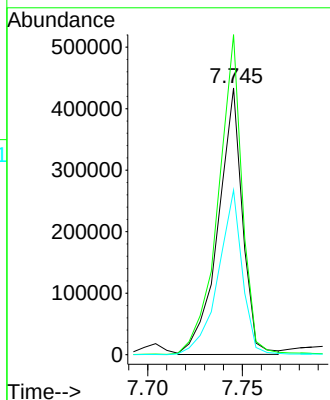
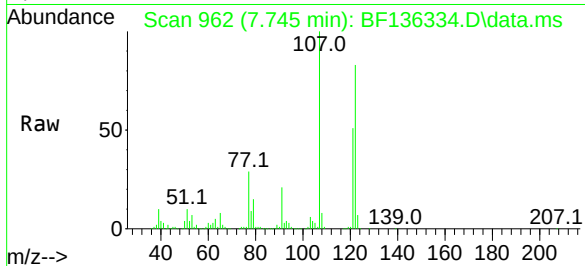
Tgt Ion:122 Resp: 387342

Ion Ratio Lower Upper

122 100

107 120.0 100.0 150.0

121 61.6 50.7 76.1



#28

bis(2-Chloroethoxy)methane

Concen: 43.999 ng

RT: 7.839 min Scan# 978

Delta R.T. 0.000 min

Lab File: BF136334.D

Acq: 01 Dec 2023 13:12

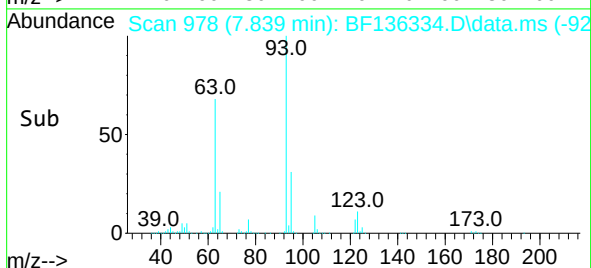
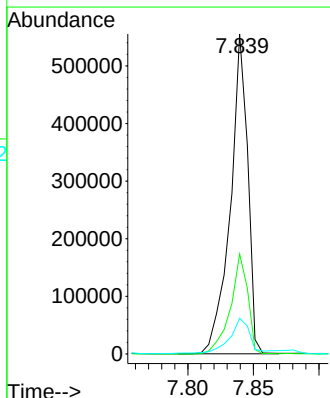
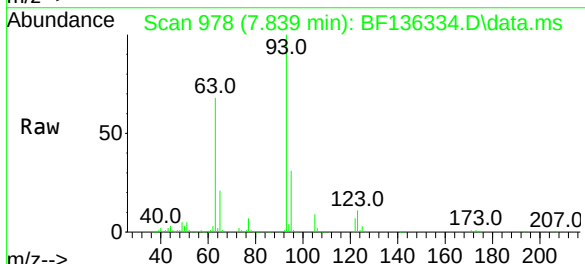
Tgt Ion: 93 Resp: 511848

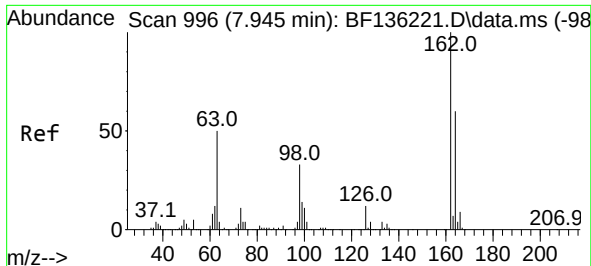
Ion Ratio Lower Upper

93 100

95 31.3 23.8 35.6

123 11.2 8.2 12.4

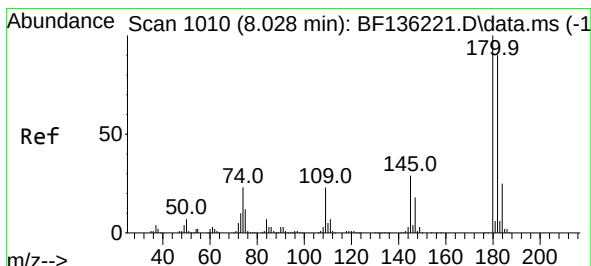
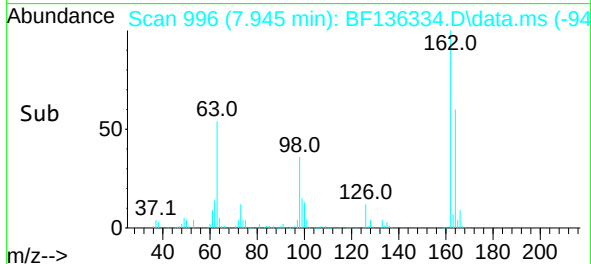
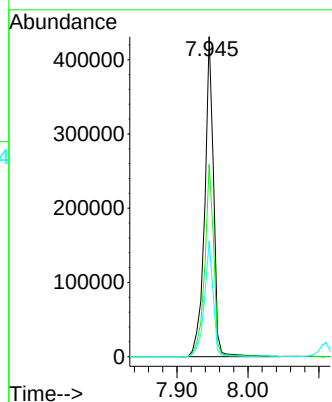
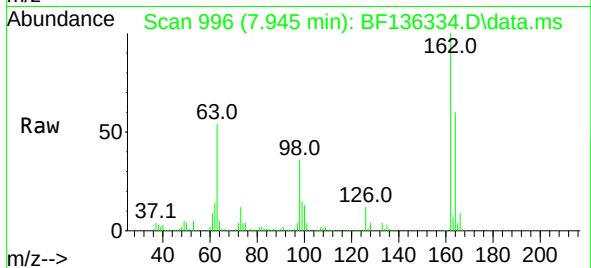




#29
2,4-Dichlorophenol
Concen: 46.050 ng
RT: 7.945 min Scan# 996
Delta R.T. 0.000 min
Lab File: BF136334.D
Acq: 01 Dec 2023 13:12

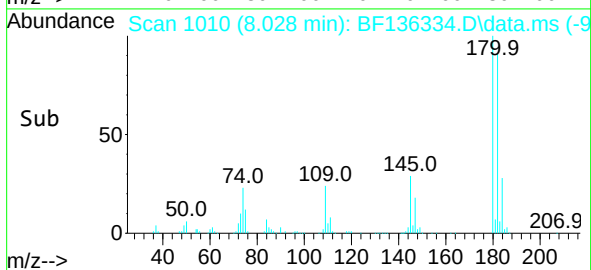
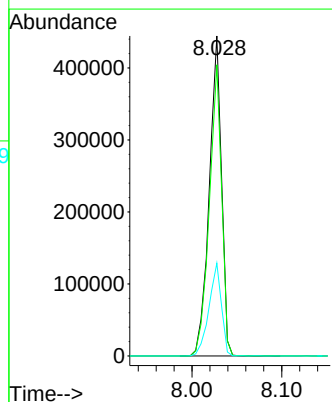
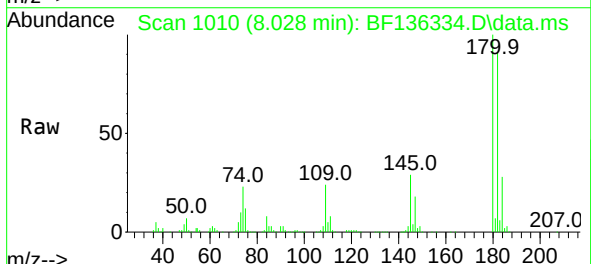
Instrument :
BNA_F
ClientSampleId :
PB157138BS

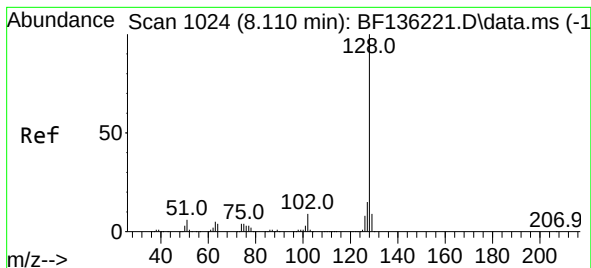
Tgt Ion:162 Resp: 376507
Ion Ratio Lower Upper
162 100
164 60.1 40.3 80.3
98 36.1 13.0 53.0



#30
1,2,4-Trichlorobenzene
Concen: 42.134 ng
RT: 8.028 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BF136334.D
Acq: 01 Dec 2023 13:12

Tgt Ion:180 Resp: 421766
Ion Ratio Lower Upper
180 100
182 91.0 71.6 107.4
145 29.0 23.0 34.4

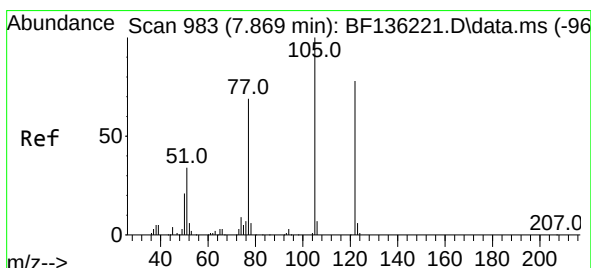
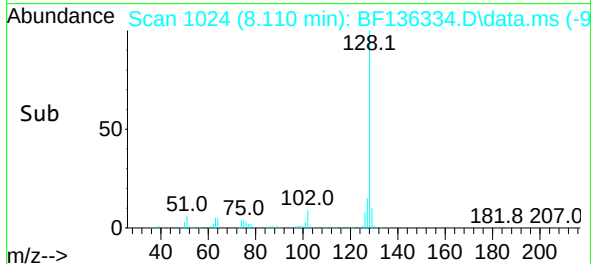
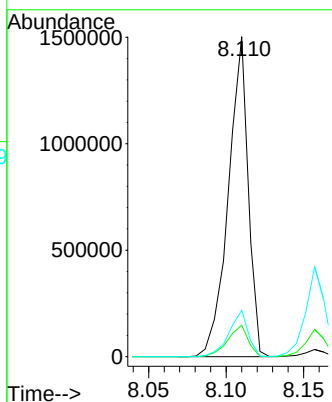
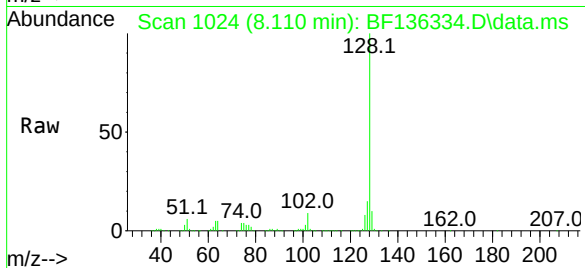




#31
Naphthalene
Concen: 42.214 ng
RT: 8.110 min Scan# 1024
Delta R.T. 0.000 min
Lab File: BF136334.D
Acq: 01 Dec 2023 13:12

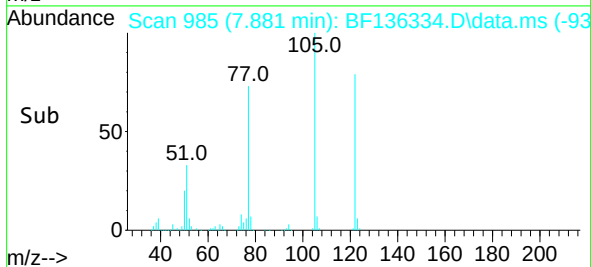
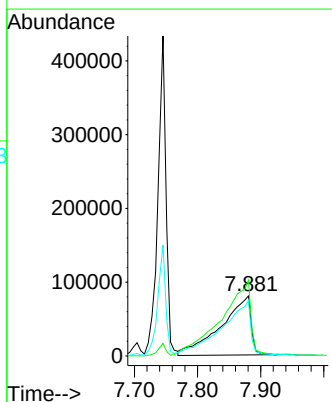
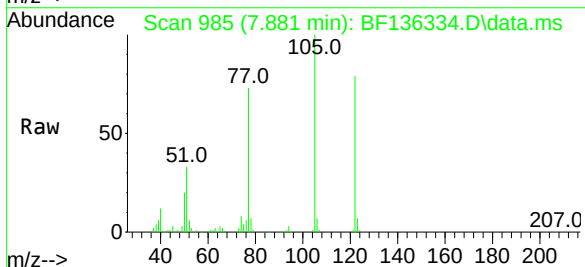
Instrument :
BNA_F
ClientSampleId :
PB157138BS

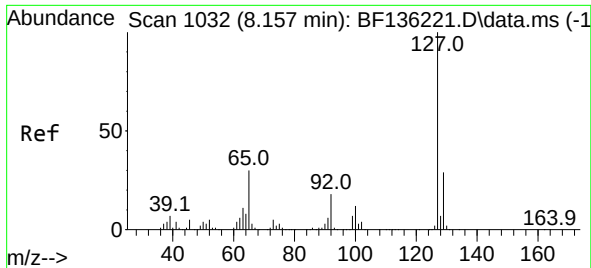
Tgt Ion:128 Resp: 1337362
Ion Ratio Lower Upper
128 100
129 9.8 7.3 10.9
127 14.5 11.8 17.6



#32
Benzoic acid
Concen: 47.845 ng
RT: 7.881 min Scan# 985
Delta R.T. 0.012 min
Lab File: BF136334.D
Acq: 01 Dec 2023 13:12

Tgt Ion:122 Resp: 264313
Ion Ratio Lower Upper
122 100
105 126.4 103.7 143.7
77 92.9 66.8 106.8

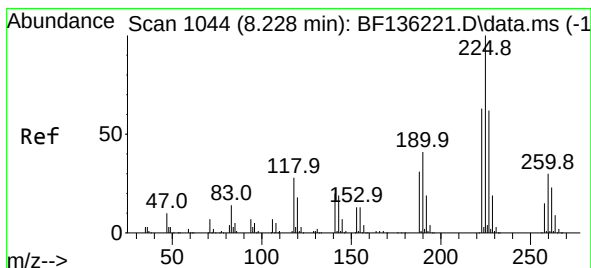
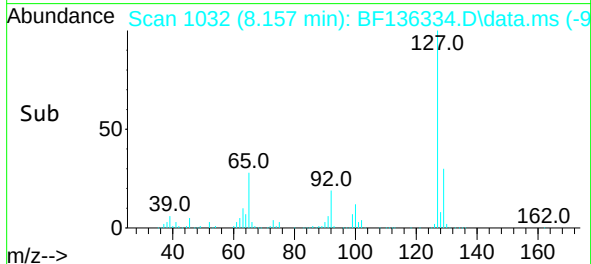
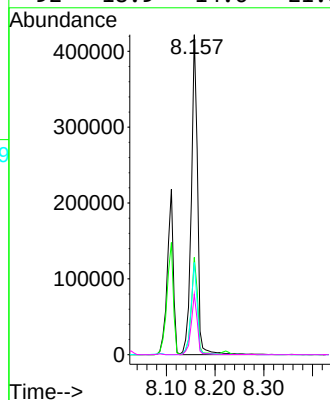
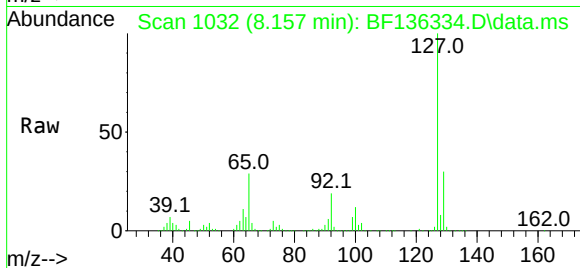




#33
4-Chloroaniline
Concen: 34.699 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF136334.D
Acq: 01 Dec 2023 13:12

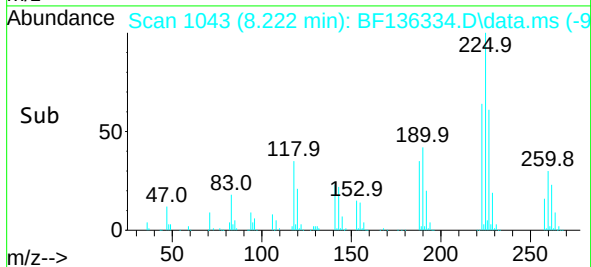
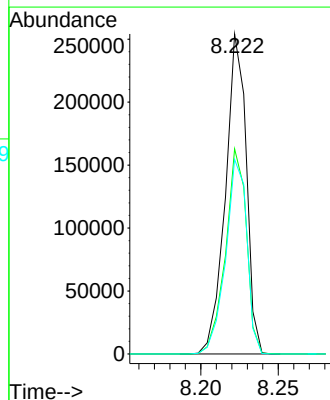
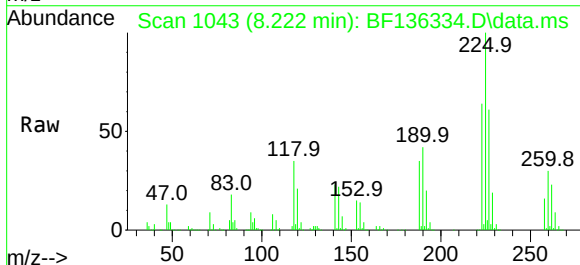
Instrument :
BNA_F
ClientSampleId :
PB157138BS

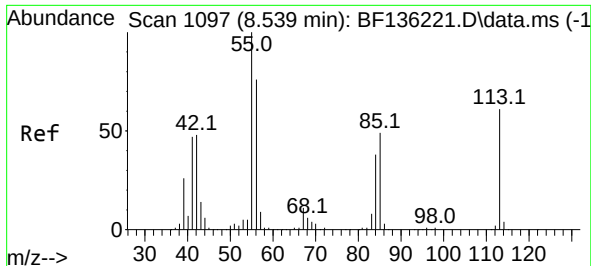
Tgt	Ion:127	Resp:	373661
Ion	Ratio	Lower	Upper
127	100		
129	30.4	23.4	35.2
65	28.8	23.8	35.6
92	18.9	14.6	21.8



#34
Hexachlorobutadiene
Concen: 40.606 ng
RT: 8.222 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF136334.D
Acq: 01 Dec 2023 13:12

Tgt Ion:225	Resp:	237803	
Ion	Ratio	Lower	Upper
225	100		
223	64.1	50.6	75.8
227	60.8	49.6	74.4

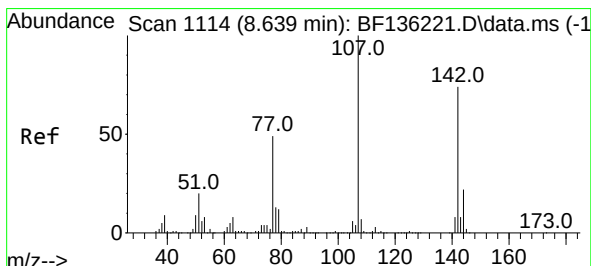
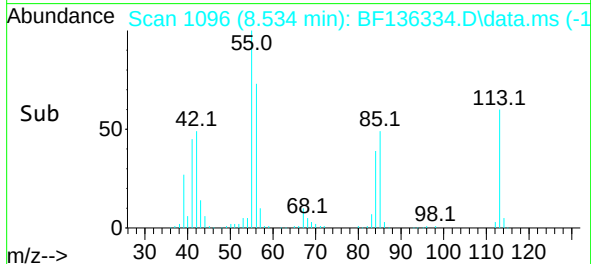
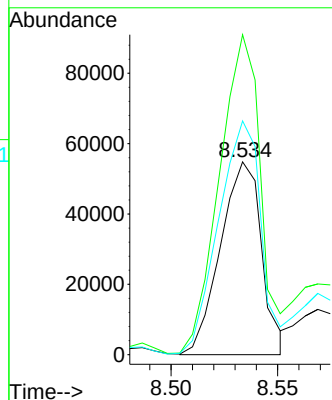
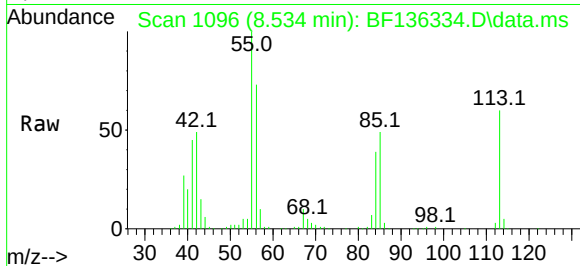




#35
 Caprolactam
 Concen: 32.297 ng
 RT: 8.534 min Scan# 1109
 Delta R.T. -0.006 min
 Lab File: BF136334.D
 Acq: 01 Dec 2023 13:12

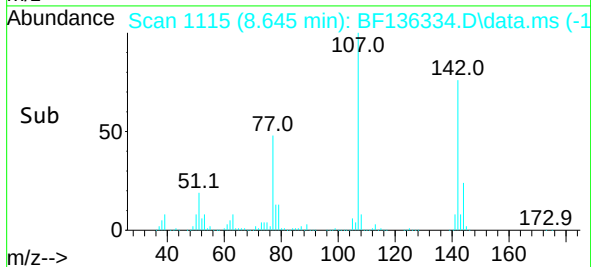
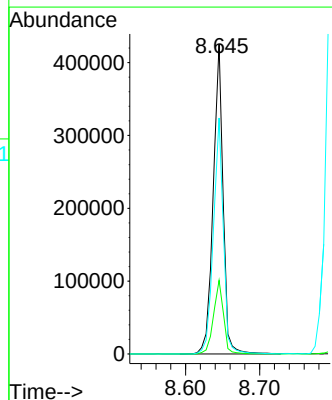
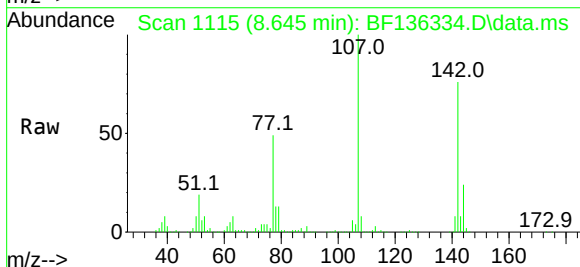
Instrument :
 BNA_F
 ClientSampleId :
 PB157138BS

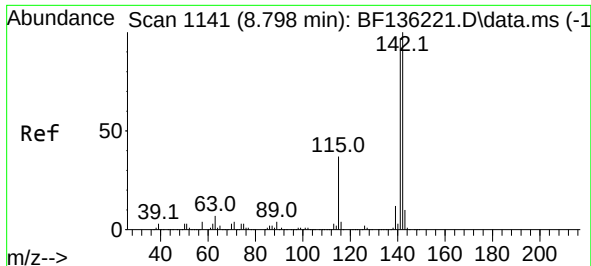
Tgt Ion:113 Resp: 73819
 Ion Ratio Lower Upper
 113 100
 55 165.9 143.1 183.1
 56 121.2 103.6 143.6



#36
 4-Chloro-3-methylphenol
 Concen: 44.526 ng
 RT: 8.645 min Scan# 1115
 Delta R.T. 0.006 min
 Lab File: BF136334.D
 Acq: 01 Dec 2023 13:12

Tgt Ion:107 Resp: 394833
 Ion Ratio Lower Upper
 107 100
 144 23.8 17.8 26.8
 142 76.1 59.4 89.0





#37

2-Methylnaphthalene

Concen: 43.261 ng

RT: 8.798 min Scan# 1141

Delta R.T. 0.000 min

Lab File: BF136334.D

Acq: 01 Dec 2023 13:12

Instrument :

BNA_F

ClientSampleId :

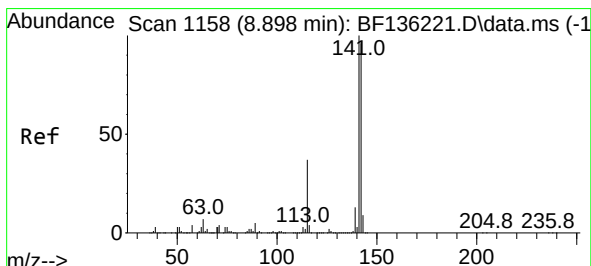
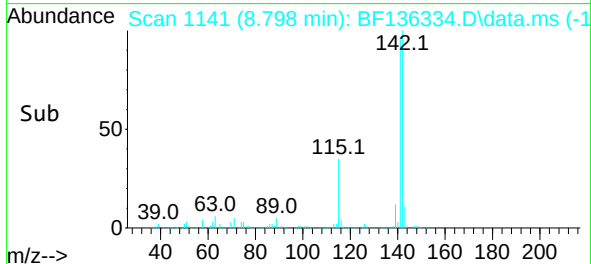
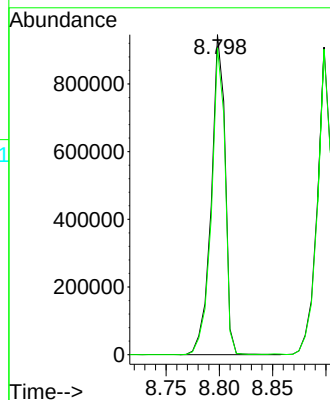
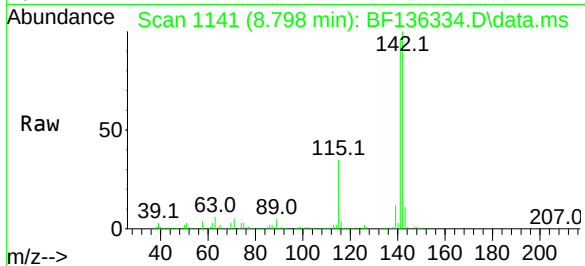
PB157138BS

Tgt Ion:142 Resp: 859715

Ion Ratio Lower Upper

142 100

141 95.9 77.8 116.8



#38

1-Methylnaphthalene

Concen: 41.109 ng

RT: 8.898 min Scan# 1158

Delta R.T. 0.000 min

Lab File: BF136334.D

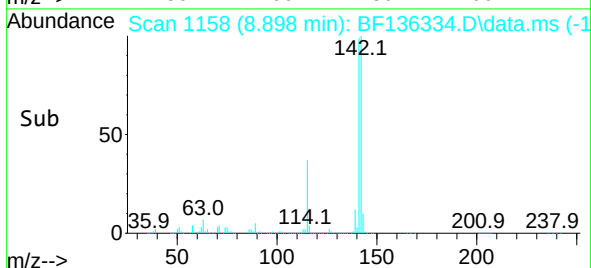
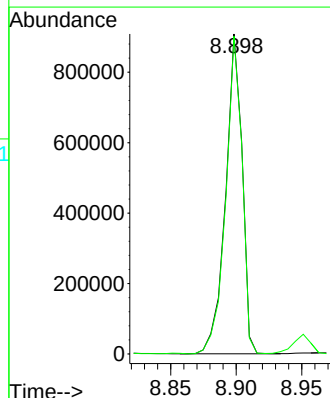
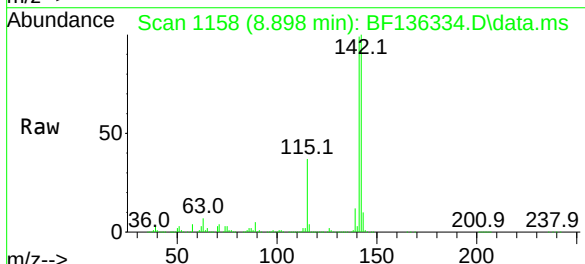
Acq: 01 Dec 2023 13:12

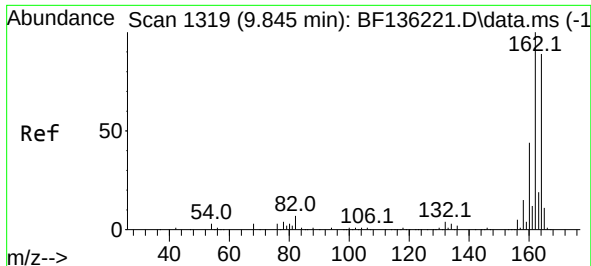
Tgt Ion:142 Resp: 796957

Ion Ratio Lower Upper

142 100

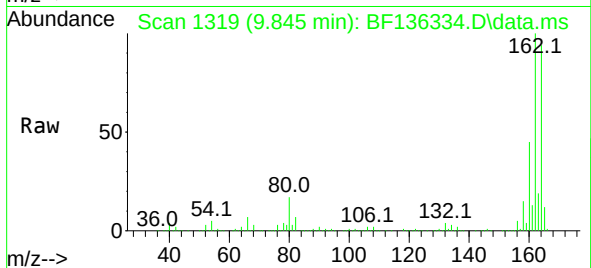
141 99.3 83.8 125.6



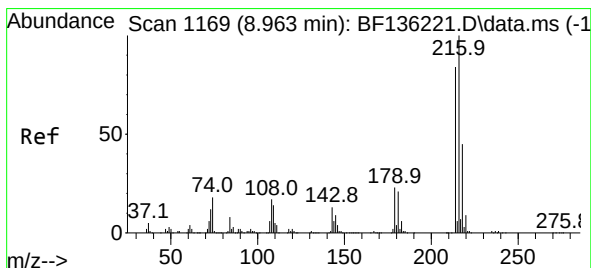
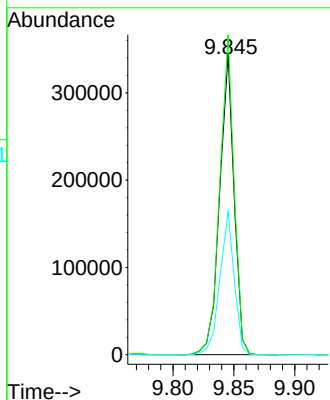
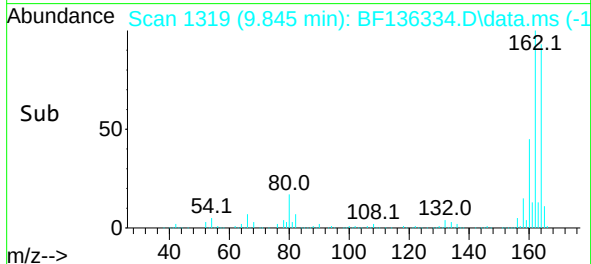


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF136334.D
Acq: 01 Dec 2023 13:12

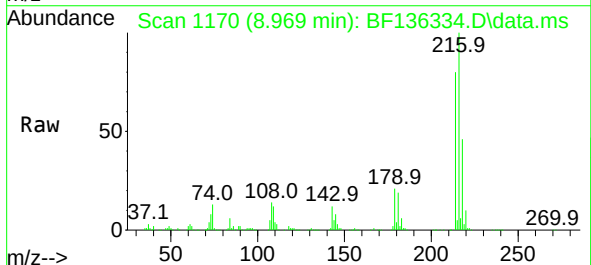
Instrument :
BNA_F
ClientSampleId :
PB157138BS



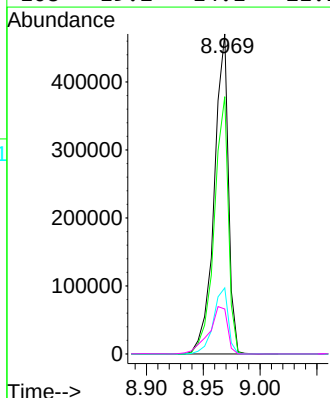
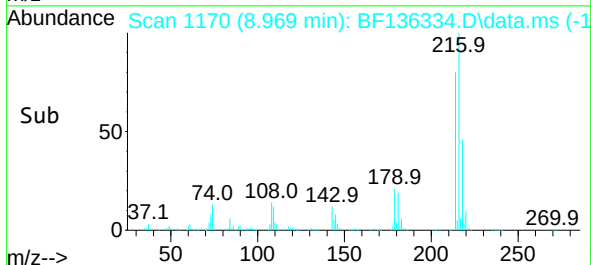
Tgt Ion:164 Resp: 285080
Ion Ratio Lower Upper
164 100
162 106.5 89.5 134.3
160 47.7 39.6 59.4

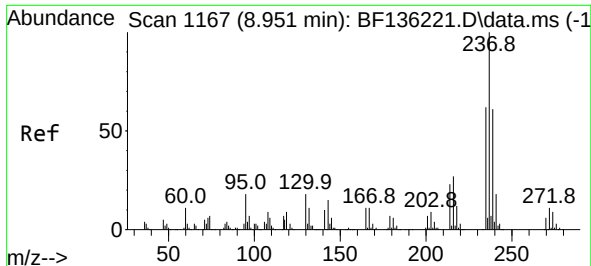


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.089 ng
RT: 8.969 min Scan# 1170
Delta R.T. 0.006 min
Lab File: BF136334.D
Acq: 01 Dec 2023 13:12



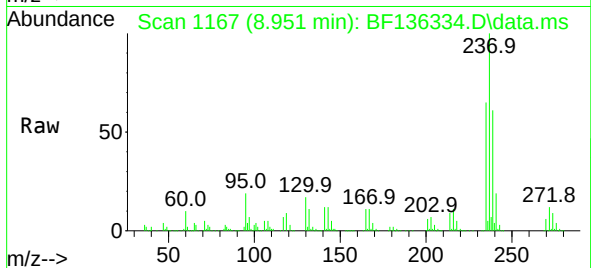
Tgt Ion:216 Resp: 409083
Ion Ratio Lower Upper
216 100
214 80.1 65.8 98.8
179 21.4 17.4 26.0
108 19.2 14.1 21.1



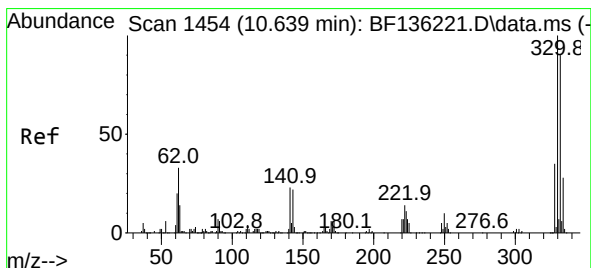
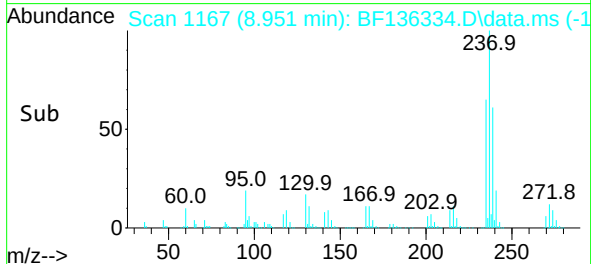
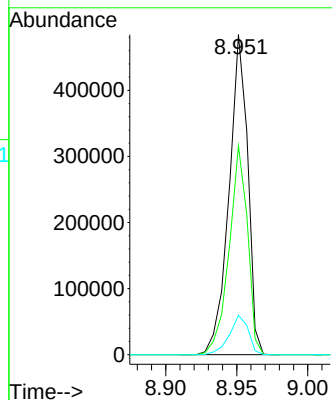


#41
Hexachlorocyclopentadiene
Concen: 127.433 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF136334.D
Acq: 01 Dec 2023 13:12

Instrument :
BNA_F
ClientSampleId :
PB157138BS

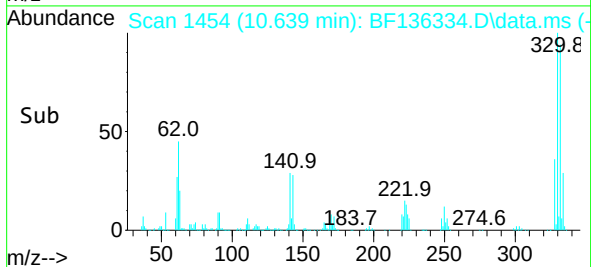
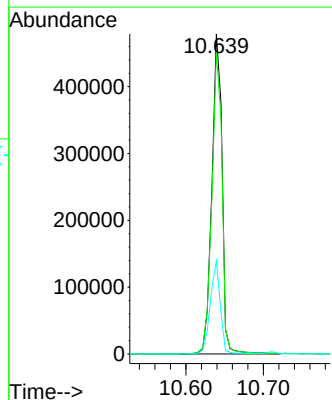
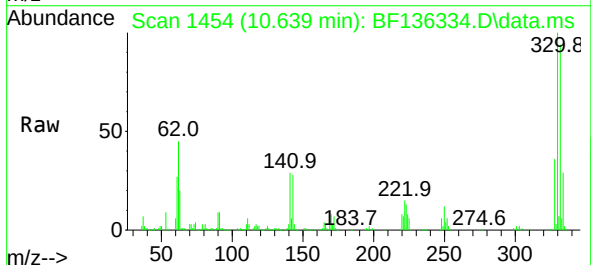


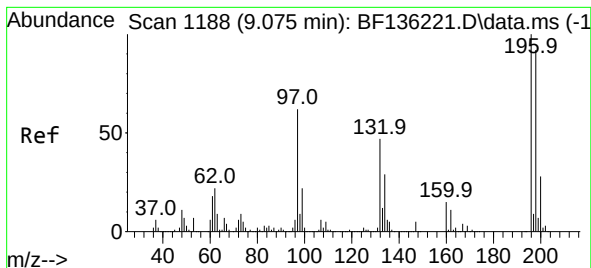
Tgt Ion:237 Resp: 444872
Ion Ratio Lower Upper
237 100
235 65.3 42.1 82.1
272 12.3 0.0 31.0



#42
2,4,6-Tribromophenol
Concen: 125.843 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF136334.D
Acq: 01 Dec 2023 13:12

Tgt Ion:330 Resp: 438607
Ion Ratio Lower Upper
330 100
332 95.2 73.0 109.6
141 28.5 24.2 36.2





#43

2,4,6-Trichlorophenol

Concen: 45.158 ng

RT: 9.081 min Scan# 1188

Delta R.T. 0.006 min

Lab File: BF136334.D

Acq: 01 Dec 2023 13:12

Instrument :

BNA_F

ClientSampleId :

PB157138BS

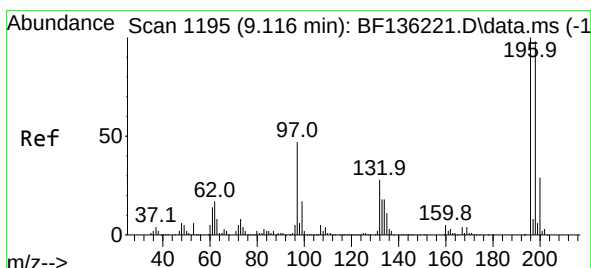
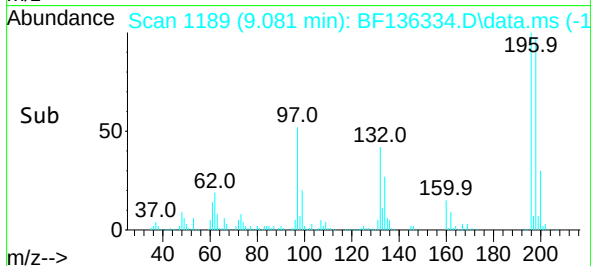
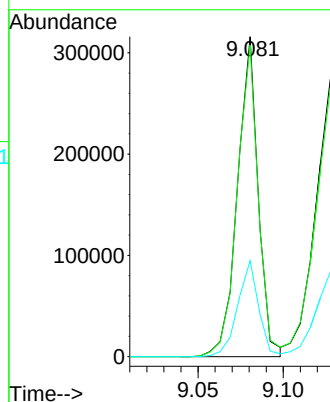
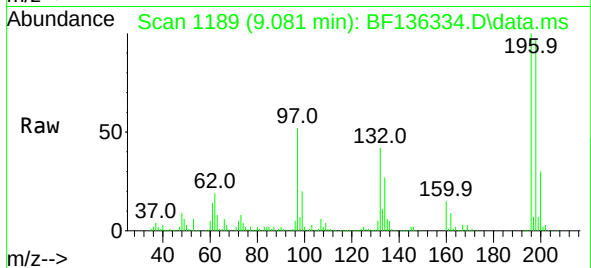
Tgt Ion:196 Resp: 265924

Ion Ratio Lower Upper

196 100

198 97.3 73.2 109.8

200 30.0 22.4 33.6



#44

2,4,5-Trichlorophenol

Concen: 43.717 ng

RT: 9.128 min Scan# 1197

Delta R.T. 0.012 min

Lab File: BF136334.D

Acq: 01 Dec 2023 13:12

Tgt Ion:196 Resp: 280942

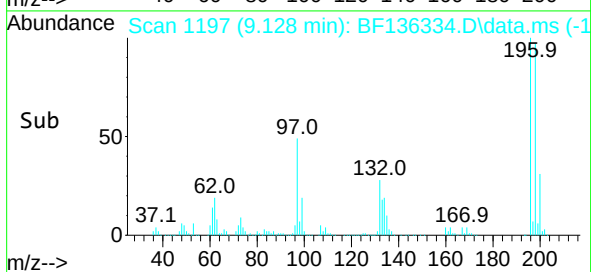
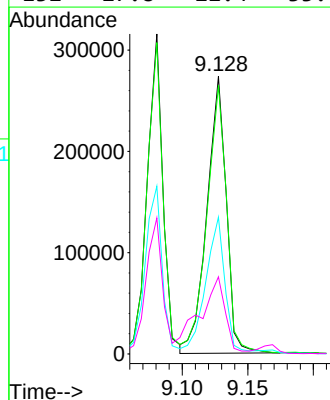
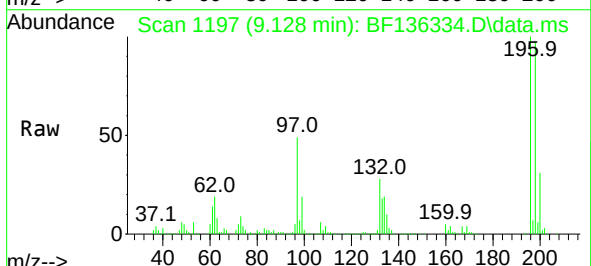
Ion Ratio Lower Upper

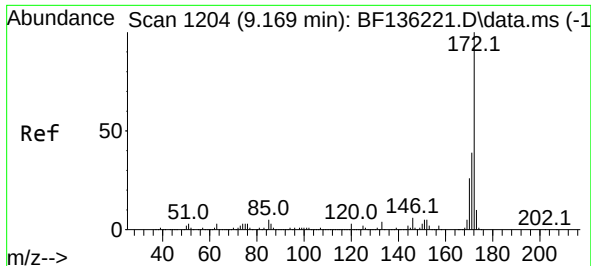
196 100

198 96.7 78.8 118.2

97 49.3 37.8 56.8

132 27.8 22.4 33.6





#45

2-Fluorobiphenyl

Concen: 82.426 ng

RT: 9.169 min Scan# 1204

Delta R.T. 0.000 min

Lab File: BF136334.D

Acq: 01 Dec 2023 13:12

Instrument :

BNA_F

ClientSampleId :

PB157138BS

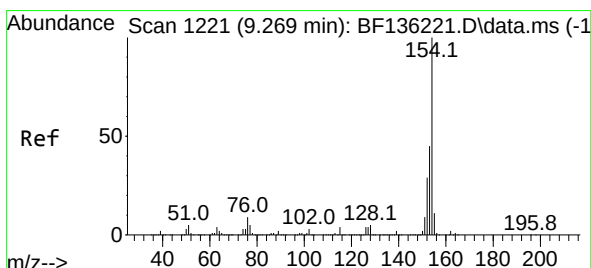
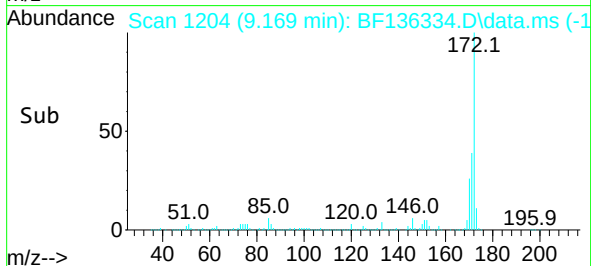
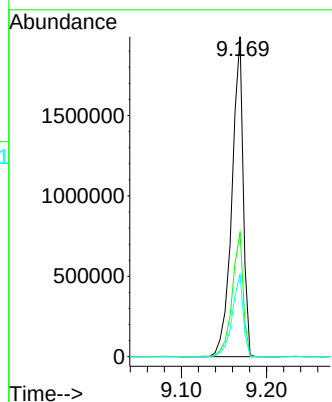
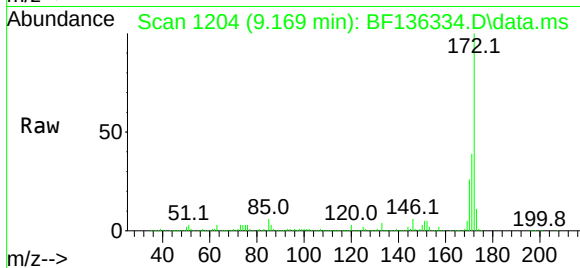
Tgt Ion:172 Resp: 1839659

Ion Ratio Lower Upper

172 100

171 38.8 31.5 47.3

170 25.6 20.8 31.2



#46

1,1'-Biphenyl

Concen: 44.018 ng

RT: 9.269 min Scan# 1221

Delta R.T. 0.000 min

Lab File: BF136334.D

Acq: 01 Dec 2023 13:12

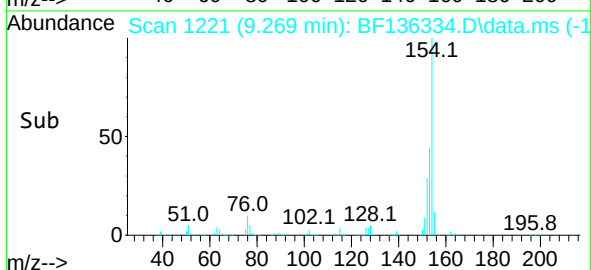
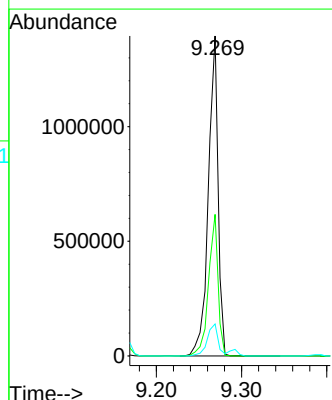
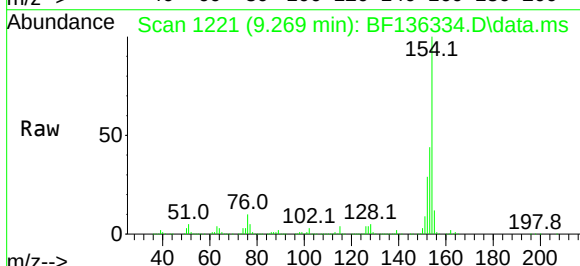
Tgt Ion:154 Resp: 1106599

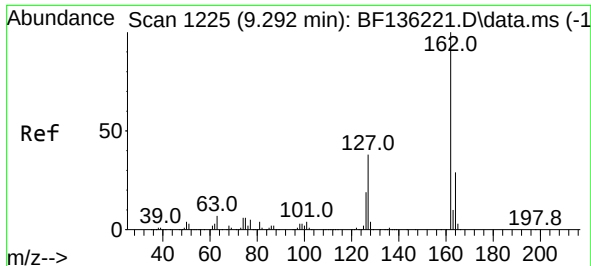
Ion Ratio Lower Upper

154 100

153 44.3 24.6 64.6

76 10.0 0.0 29.4





#47

2-Chloronaphthalene

Concen: 42.677 ng

RT: 9.292 min Scan# 1225

Delta R.T. 0.000 min

Lab File: BF136334.D

Acq: 01 Dec 2023 13:12

Instrument :

BNA_F

ClientSampleId :

PB157138BS

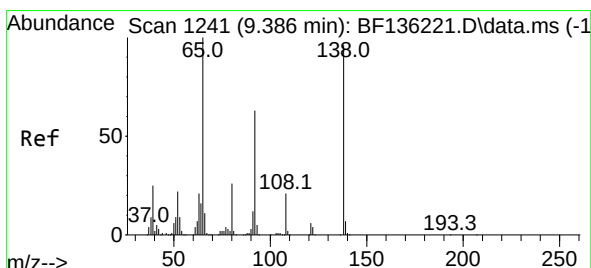
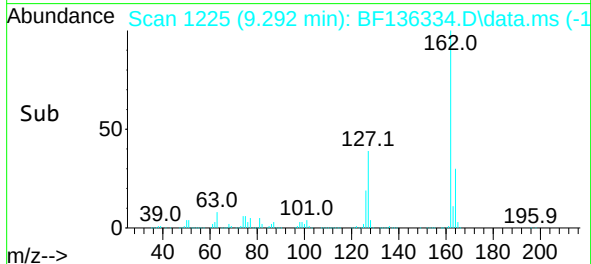
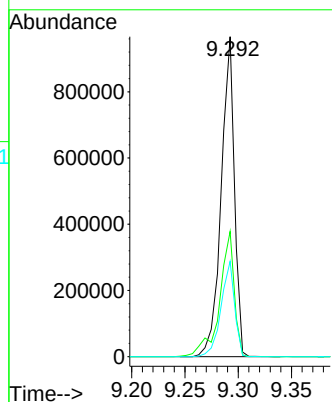
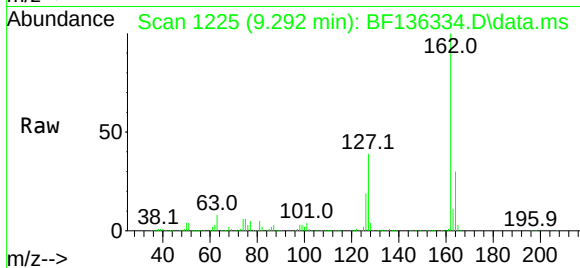
Tgt Ion:162 Resp: 833187

Ion Ratio Lower Upper

162 100

127 39.1 30.2 45.2

164 29.8 22.8 34.2



#48

2-Nitroaniline

Concen: 44.729 ng

RT: 9.392 min Scan# 1242

Delta R.T. 0.006 min

Lab File: BF136334.D

Acq: 01 Dec 2023 13:12

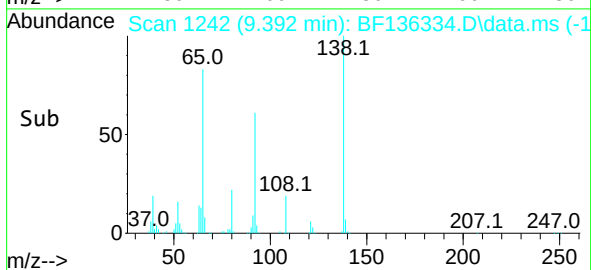
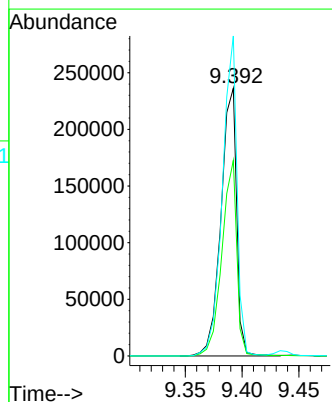
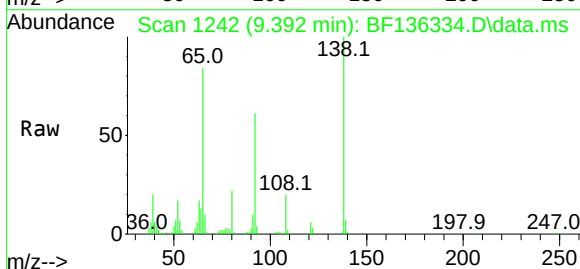
Tgt Ion: 65 Resp: 227994

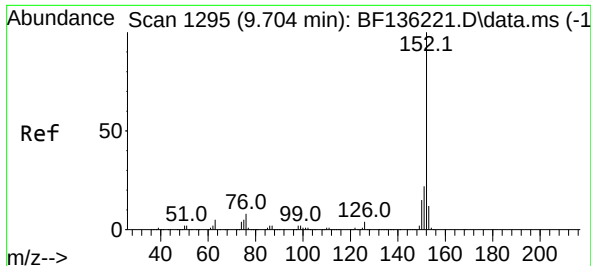
Ion Ratio Lower Upper

65 100

92 73.0 50.6 75.8

138 119.6 76.7 115.1#





#49

Acenaphthylene

Concen: 45.035 ng

RT: 9.710 min Scan# 1295

Delta R.T. 0.006 min

Lab File: BF136334.D

Acq: 01 Dec 2023 13:12

Instrument :

BNA_F

ClientSampleId :

PB157138BS

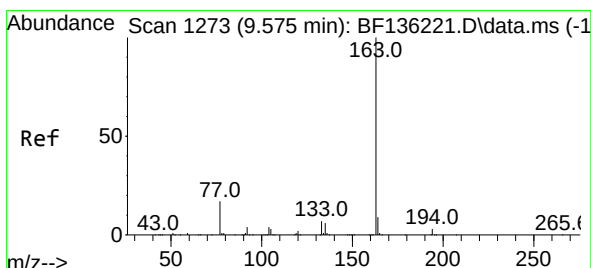
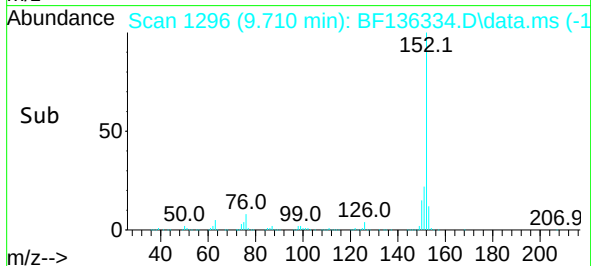
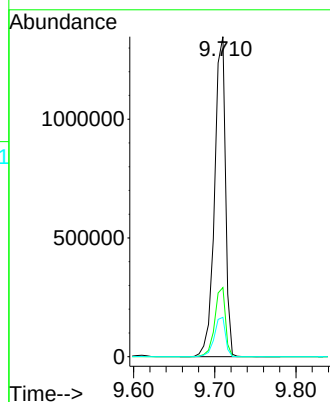
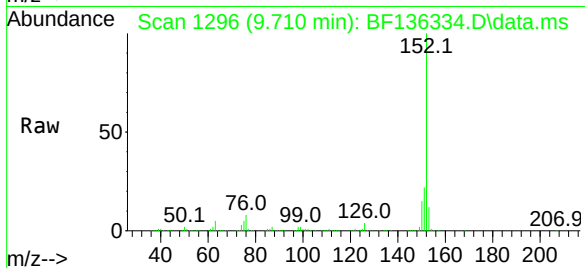
Tgt Ion:152 Resp: 1254724

Ion Ratio Lower Upper

152 100

151 21.6 17.5 26.3

153 12.3 9.6 14.4



#50

Dimethylphthalate

Concen: 44.020 ng

RT: 9.575 min Scan# 1273

Delta R.T. 0.000 min

Lab File: BF136334.D

Acq: 01 Dec 2023 13:12

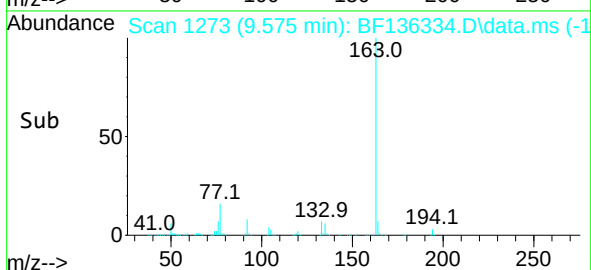
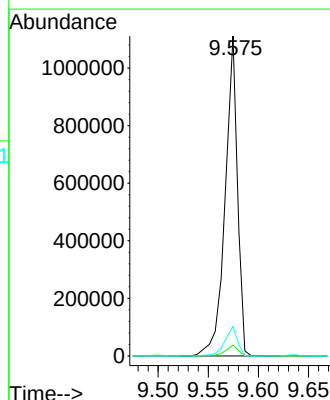
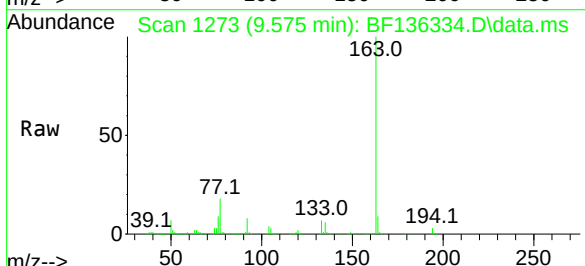
Tgt Ion:163 Resp: 948488

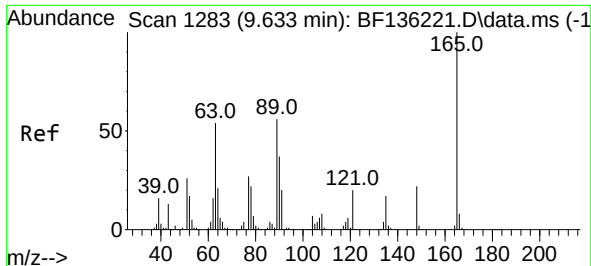
Ion Ratio Lower Upper

163 100

194 3.4 2.5 3.7

164 9.3 7.0 10.6

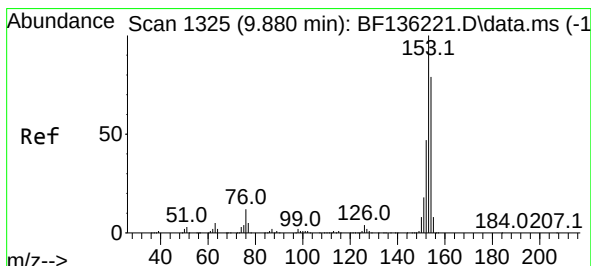
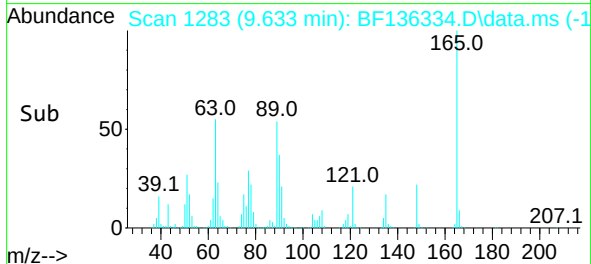
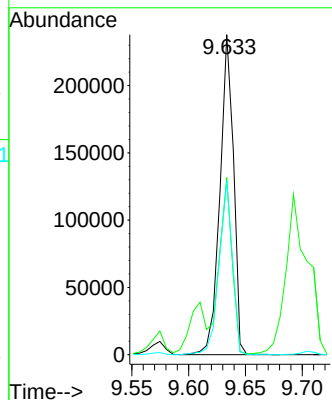
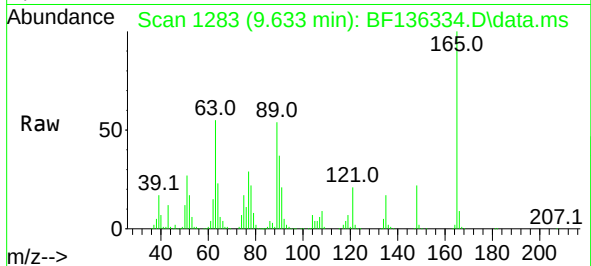




#51
2,6-Dinitrotoluene
Concen: 45.172 ng
RT: 9.633 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BF136334.D
Acq: 01 Dec 2023 13:12

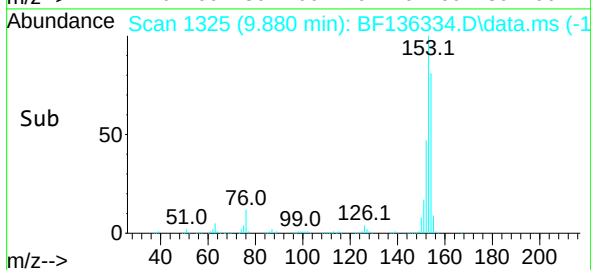
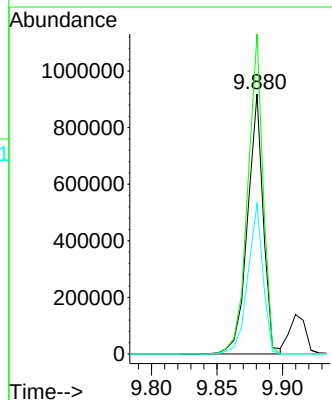
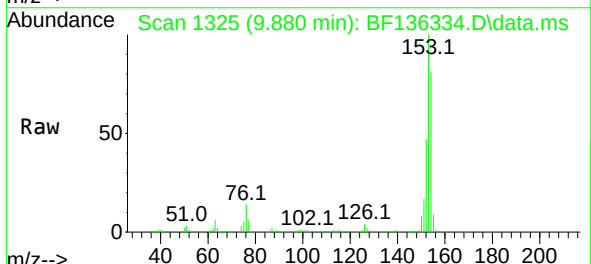
Instrument :
BNA_F
ClientSampleId :
PB157138BS

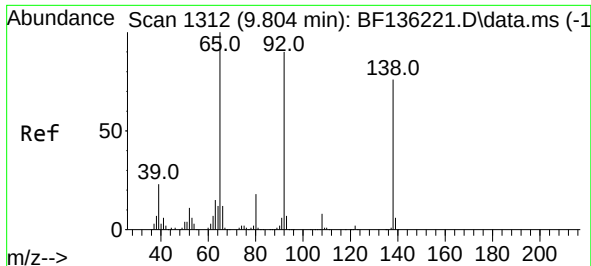
Tgt Ion:165 Resp: 198841
Ion Ratio Lower Upper
165 100
63 55.3 46.2 69.2
89 54.3 44.9 67.3



#52
Acenaphthene
Concen: 43.618 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF136334.D
Acq: 01 Dec 2023 13:12

Tgt Ion:154 Resp: 767966
Ion Ratio Lower Upper
154 100
153 123.1 100.8 151.2
152 57.8 47.0 70.6

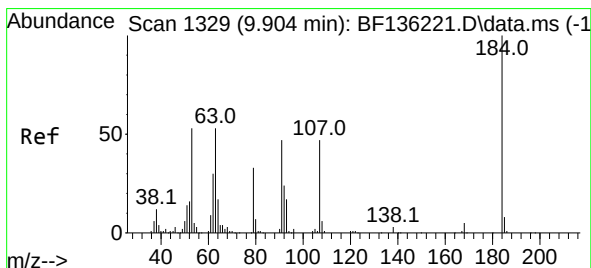
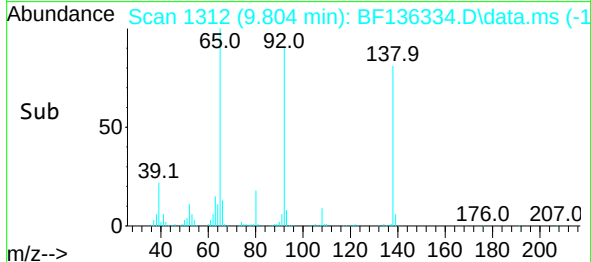
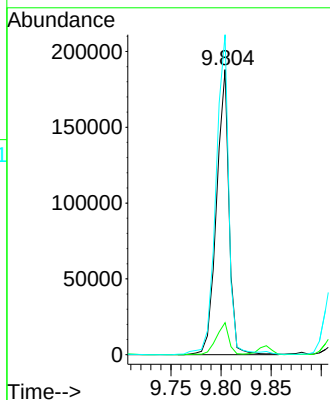
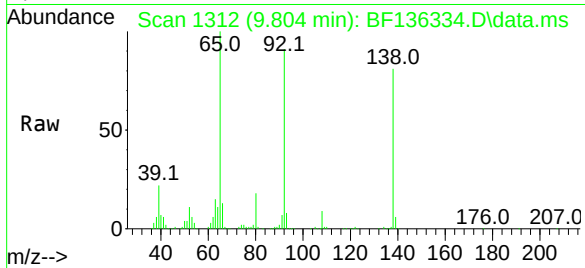




#53
3-Nitroaniline
Concen: 37.311 ng
RT: 9.804 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136334.D
Acq: 01 Dec 2023 13:12

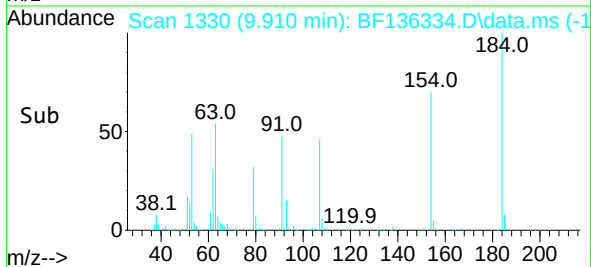
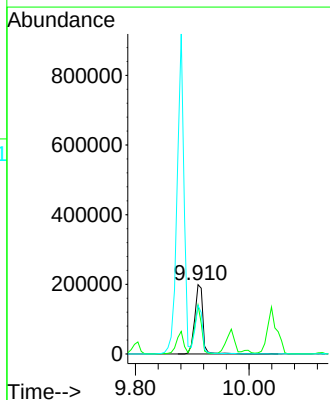
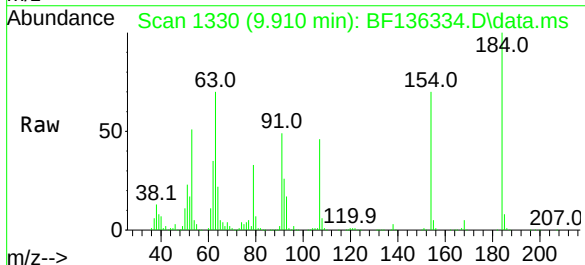
Instrument :
BNA_F
ClientSampleId :
PB157138BS

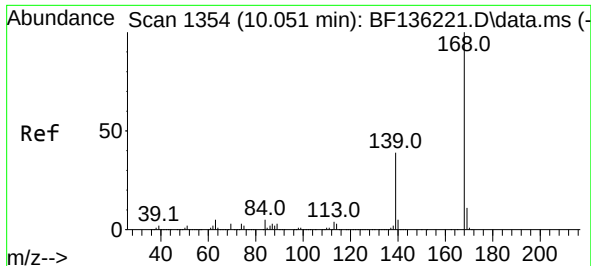
Tgt Ion:138 Resp: 162961
Ion Ratio Lower Upper
138 100
108 11.2 8.7 13.1
92 112.2 94.2 141.4



#54
2,4-Dinitrophenol
Concen: 97.397 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF136334.D
Acq: 01 Dec 2023 13:12

Tgt Ion:184 Resp: 199396
Ion Ratio Lower Upper
184 100
63 70.3 55.0 82.4
154 69.9 54.9 82.3

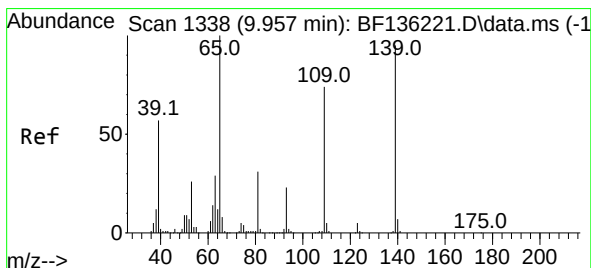
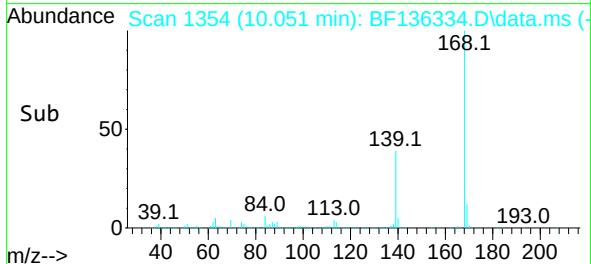
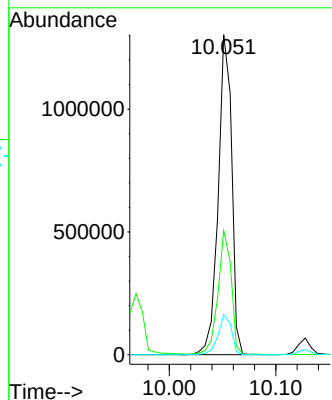
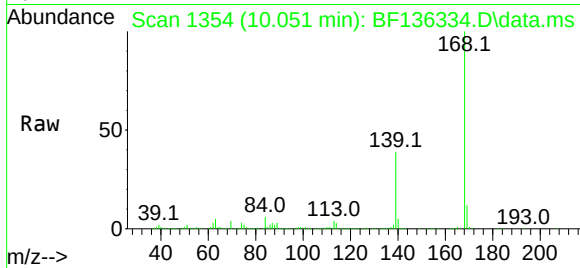




#55
Dibenzenofuran
Concen: 43.466 ng
RT: 10.051 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136334.D
Acq: 01 Dec 2023 13:12

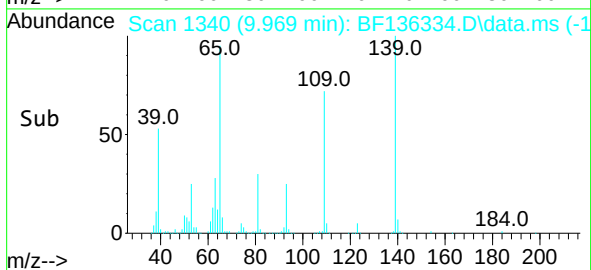
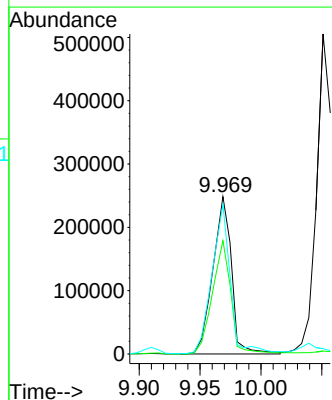
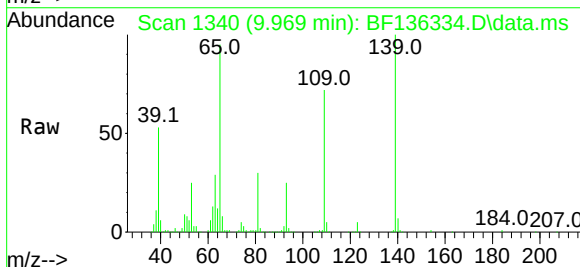
Instrument :
BNA_F
ClientSampleId :
PB157138BS

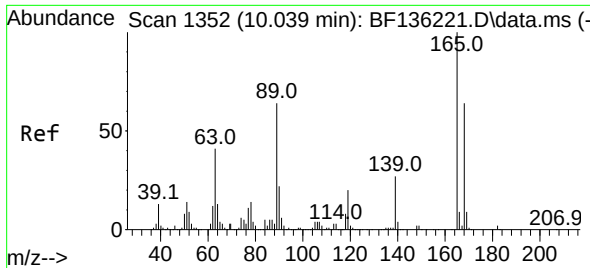
Tgt Ion:168 Resp: 1138788
Ion Ratio Lower Upper
168 100
139 38.8 30.9 46.3
169 12.5 9.1 13.7



#56
4-Nitrophenol
Concen: 80.193 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF136334.D
Acq: 01 Dec 2023 13:12

Tgt Ion:139 Resp: 266020
Ion Ratio Lower Upper
139 100
109 72.0 57.8 97.8
65 95.1 86.0 126.0

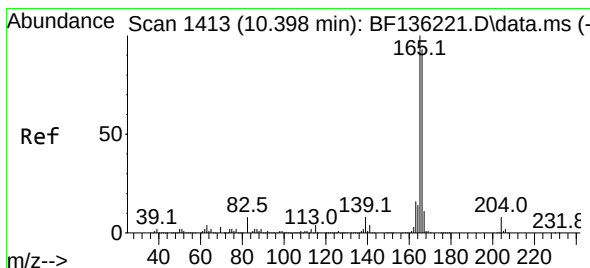
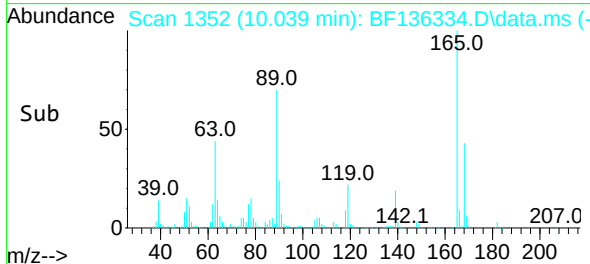
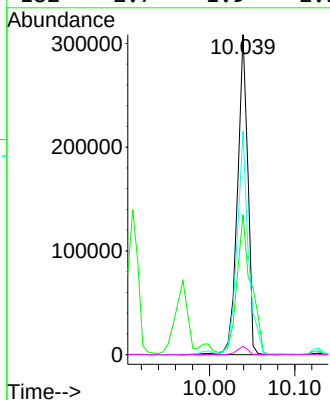
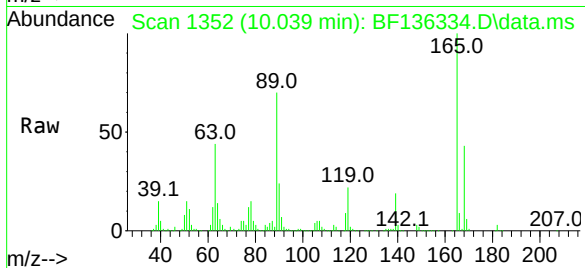




#57
2,4-Dinitrotoluene
Concen: 44.152 ng
RT: 10.039 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136334.D
Acq: 01 Dec 2023 13:12

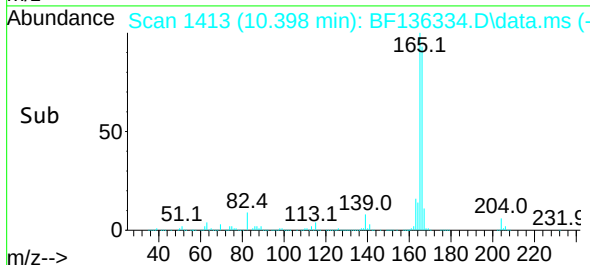
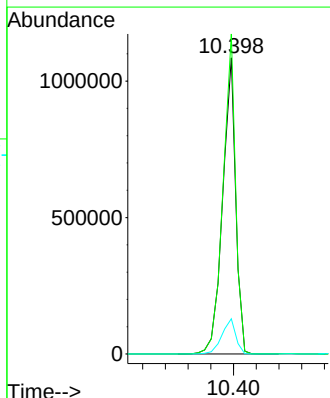
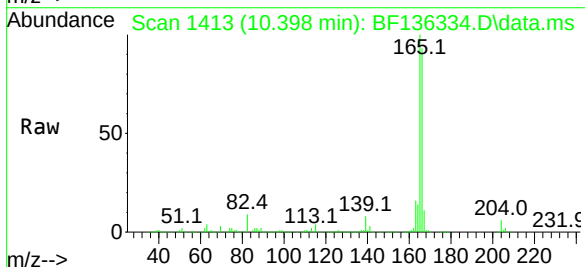
Instrument :
BNA_F
ClientSampleId :
PB157138BS

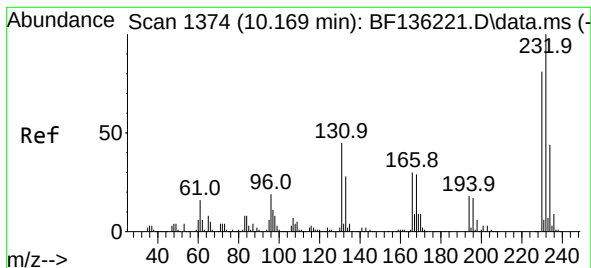
Tgt Ion:	165	Resp:	259606
Ion	Ratio	Lower	Upper
165	100		
63	43.7	33.0	49.4
89	69.8	51.5	77.3
182	2.7	1.9	2.9



#58
Fluorene
Concen: 42.292 ng
RT: 10.398 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF136334.D
Acq: 01 Dec 2023 13:12

Tgt Ion:	166	Resp:	869122
Ion	Ratio	Lower	Upper
166	100		
165	108.1	86.2	129.4
167	11.9	9.1	13.7

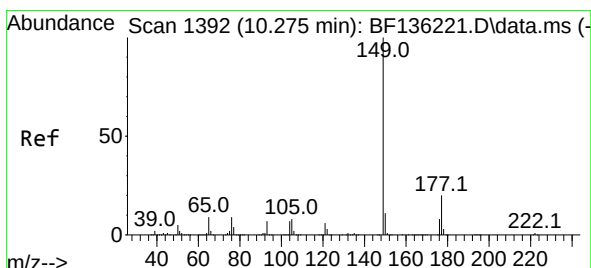
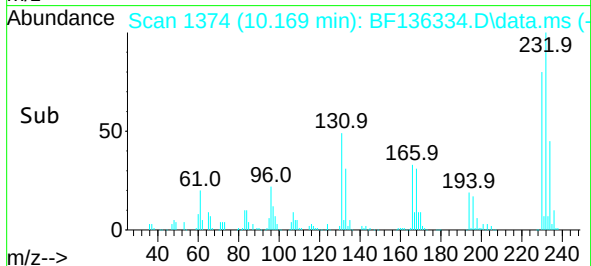
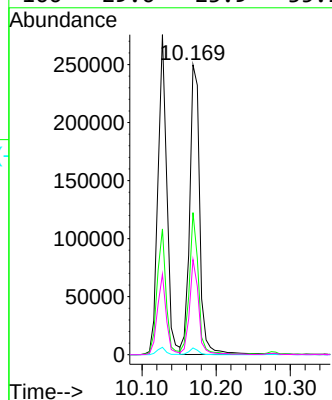
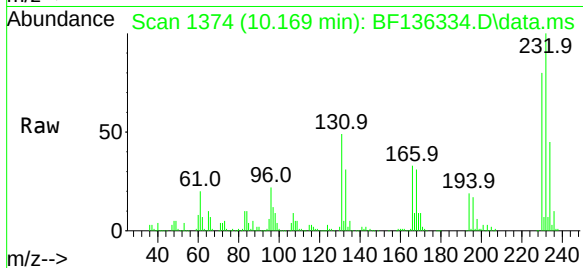




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.022 ng
RT: 10.169 min Scan# 1374
Delta R.T. 0.000 min
Lab File: BF136334.D
Acq: 01 Dec 2023 13:12

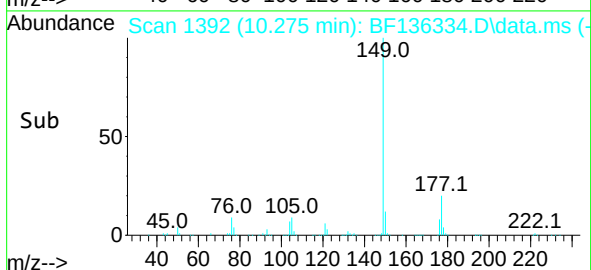
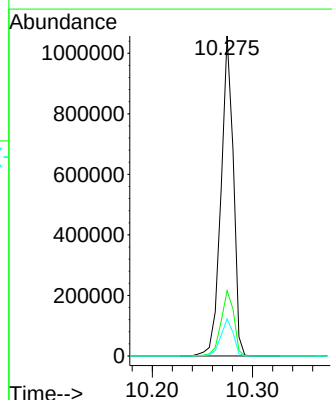
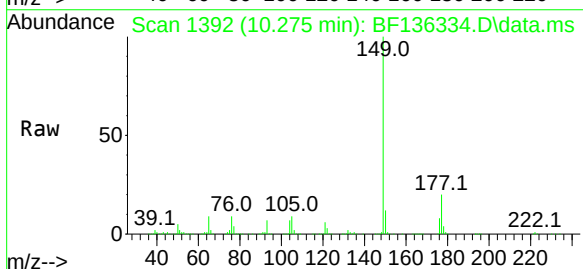
Instrument :
BNA_F
ClientSampleId :
PB157138BS

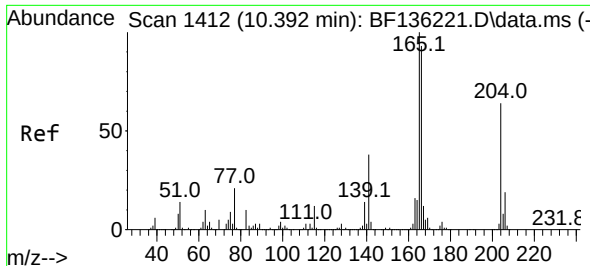
Tgt Ion:232 Resp: 235319
Ion Ratio Lower Upper
232 100
131 44.5 36.4 54.6
130 2.1 1.9 2.9
166 29.6 23.9 35.9



#60
Diethylphthalate
Concen: 41.736 ng
RT: 10.275 min Scan# 1392
Delta R.T. 0.000 min
Lab File: BF136334.D
Acq: 01 Dec 2023 13:12

Tgt Ion:149 Resp: 899569
Ion Ratio Lower Upper
149 100
177 20.4 15.8 23.6
150 11.6 8.8 13.2

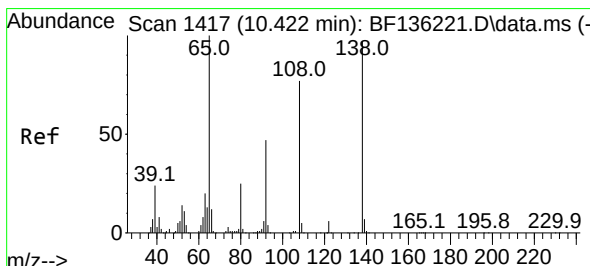
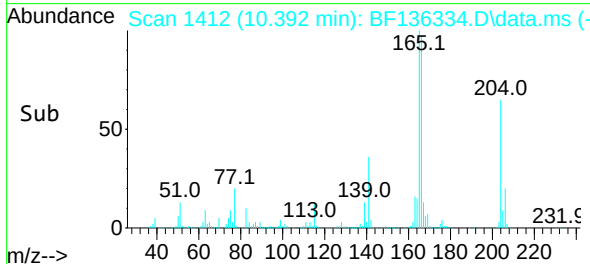
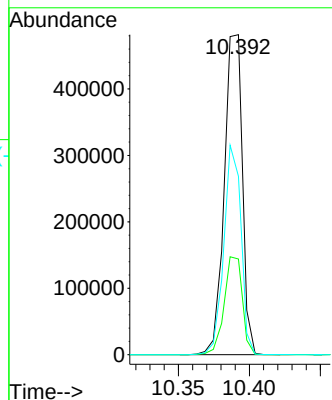
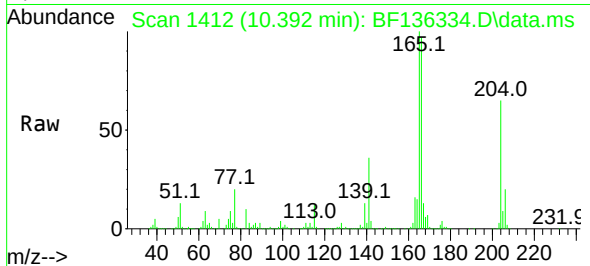




#61
4-Chlorophenyl-phenylether
Concen: 42.906 ng
RT: 10.392 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BF136334.D
Acq: 01 Dec 2023 13:12

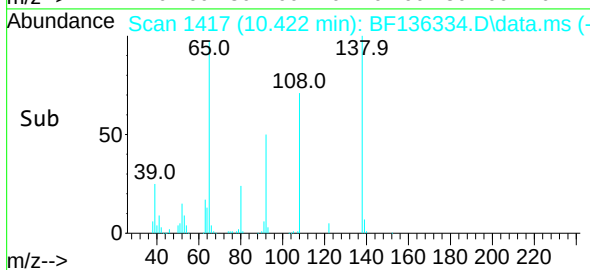
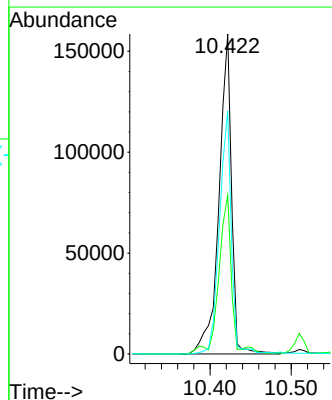
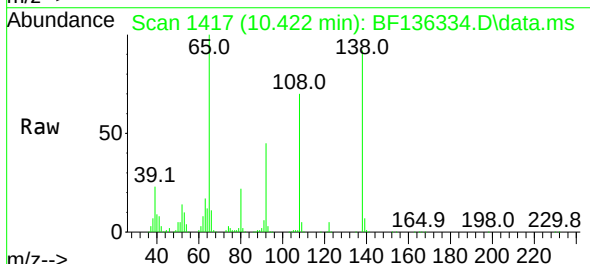
Instrument :
BNA_F
ClientSampleId :
PB157138BS

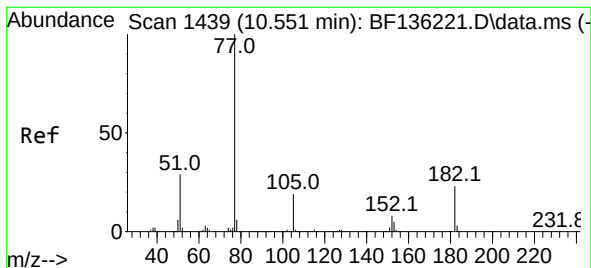
Tgt Ion:204 Resp: 428202
Ion Ratio Lower Upper
204 100
206 29.9 23.4 35.0
141 55.8 47.6 71.4



#62
4-Nitroaniline
Concen: 40.063 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF136334.D
Acq: 01 Dec 2023 13:12

Tgt Ion:138 Resp: 171282
Ion Ratio Lower Upper
138 100
92 49.6 28.5 68.5
108 75.9 59.8 99.8





#63

Azobenzene

Concen: 41.796 ng

RT: 10.551 min Scan# 1439

Delta R.T. 0.000 min

Lab File: BF136334.D

Acq: 01 Dec 2023 13:12

Instrument :

BNA_F

ClientSampleId :

PB157138BS

Tgt Ion: 77 Resp: 835165

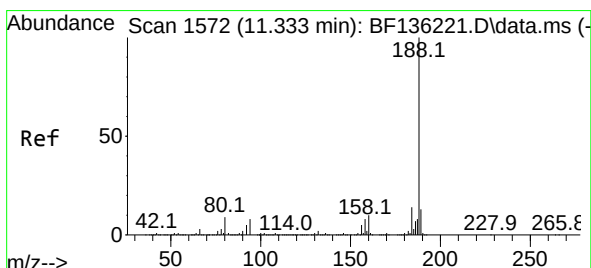
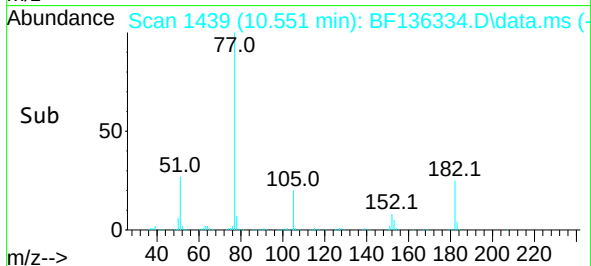
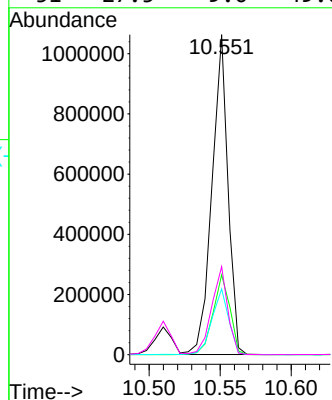
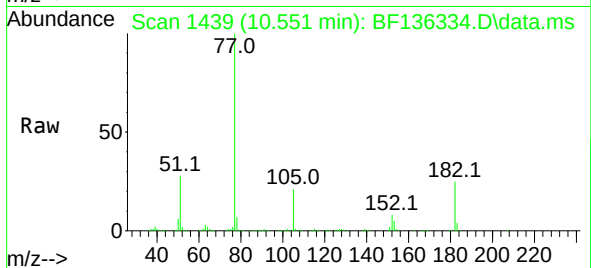
Ion Ratio Lower Upper

77 100

182 25.0 3.3 43.3

105 20.5 0.0 39.5

51 27.5 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: BF136334.D

Acq: 01 Dec 2023 13:12

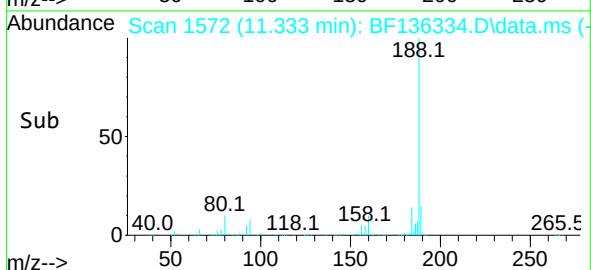
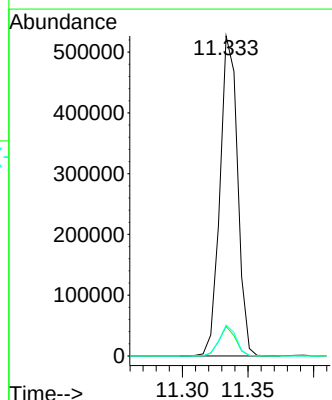
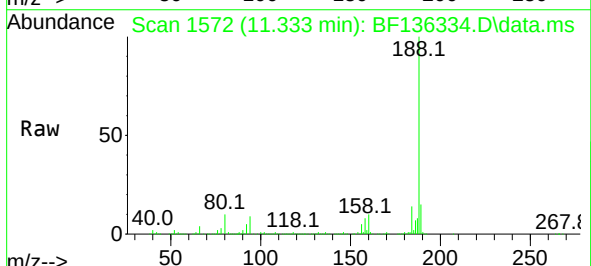
Tgt Ion: 188 Resp: 491742

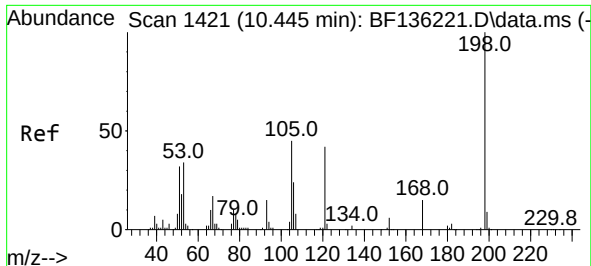
Ion Ratio Lower Upper

188 100

94 9.2 6.7 10.1

80 9.7 7.2 10.8

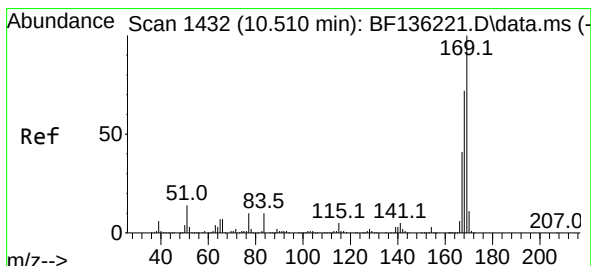
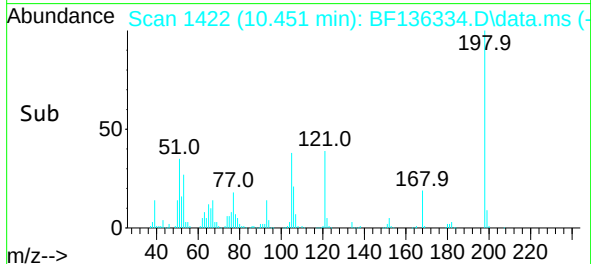
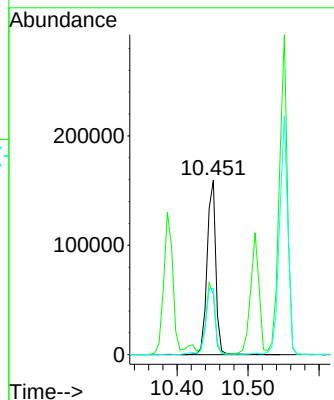
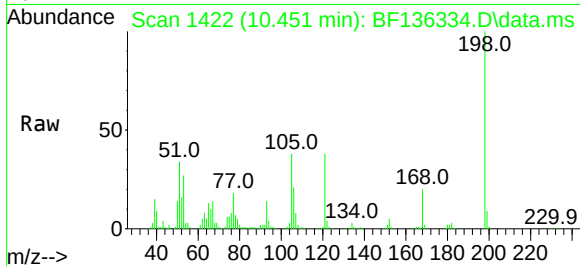




#65
4,6-Dinitro-2-methylphenol
Concen: 50.695 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF136334.D
Acq: 01 Dec 2023 13:12

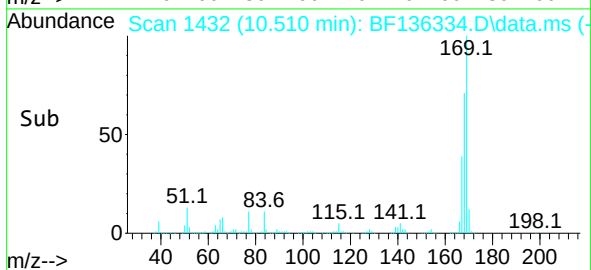
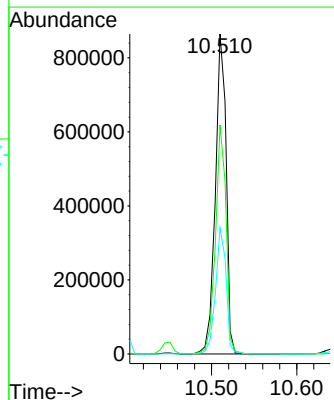
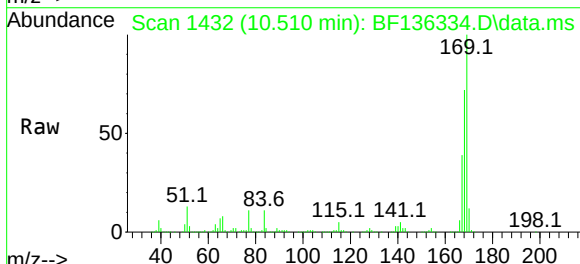
Instrument :
BNA_F
ClientSampleId :
PB157138BS

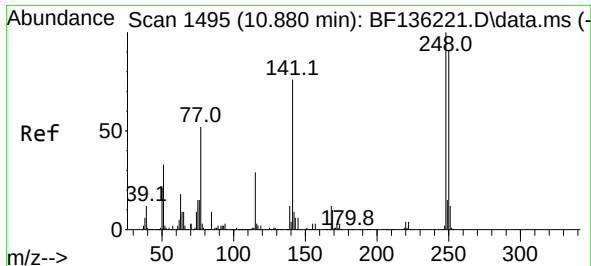
Tgt Ion:198 Resp: 136324
Ion Ratio Lower Upper
198 100
51 34.5 28.2 68.2
105 38.1 25.7 65.7



#66
n-Nitrosodiphenylamine
Concen: 48.174 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF136334.D
Acq: 01 Dec 2023 13:12

Tgt Ion:169 Resp: 759153
Ion Ratio Lower Upper
169 100
168 71.5 57.8 86.6
167 39.4 32.7 49.1

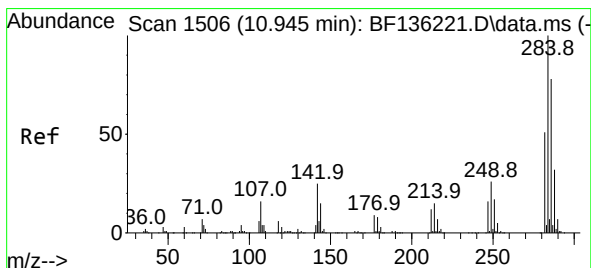
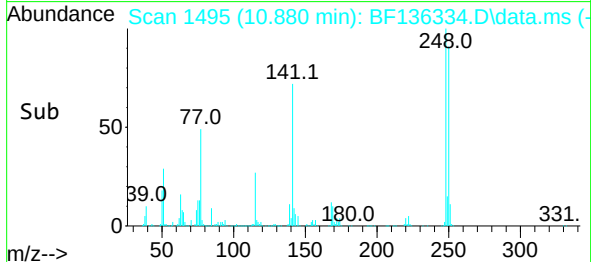
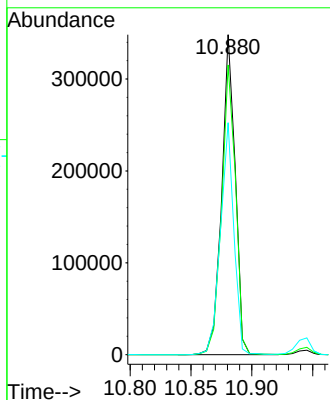
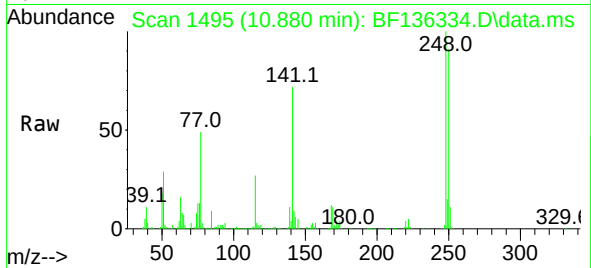




#67
4-Bromophenyl-phenylether
Concen: 46.954 ng
RT: 10.880 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF136334.D
Acq: 01 Dec 2023 13:12

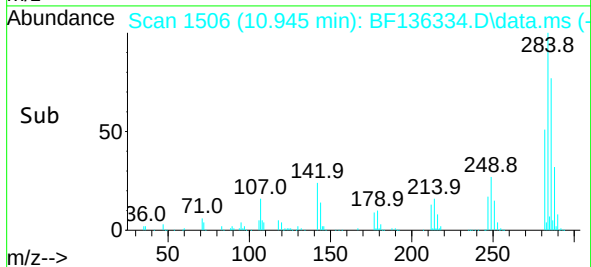
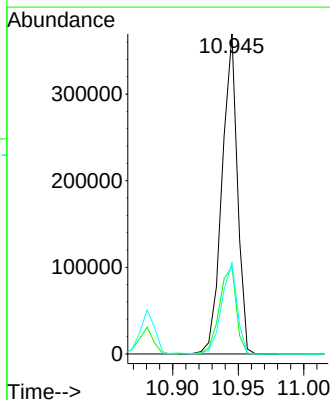
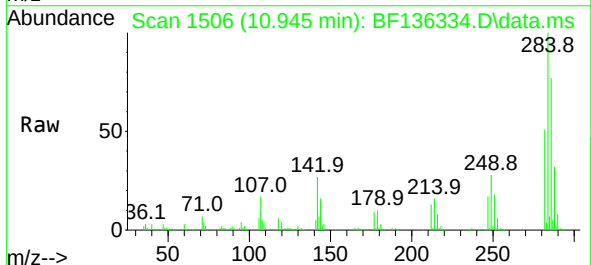
Instrument :
BNA_F
ClientSampleId :
PB157138BS

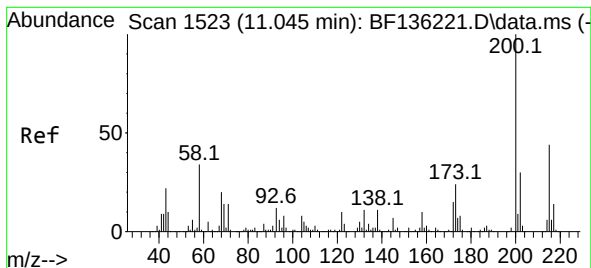
Tgt Ion:248 Resp: 269372
Ion Ratio Lower Upper
248 100
250 90.5 72.5 108.7
141 72.5 60.8 91.2



#68
Hexachlorobenzene
Concen: 45.377 ng
RT: 10.945 min Scan# 1506
Delta R.T. 0.000 min
Lab File: BF136334.D
Acq: 01 Dec 2023 13:12

Tgt Ion:284 Resp: 301292
Ion Ratio Lower Upper
284 100
142 27.3 19.8 29.8
249 28.4 21.0 31.4





#69

Atrazine

Concen: 28.794 ng

RT: 11.039 min Scan# 1522

Delta R.T. -0.006 min

Lab File: BF136334.D

Acq: 01 Dec 2023 13:12

Instrument :

BNA_F

ClientSampleId :

PB157138BS

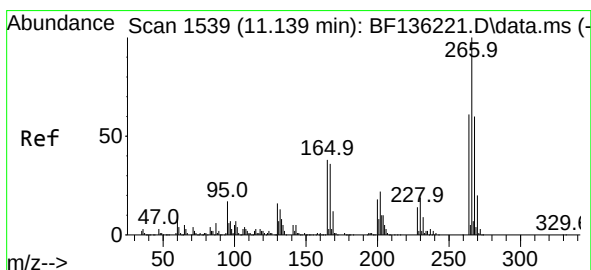
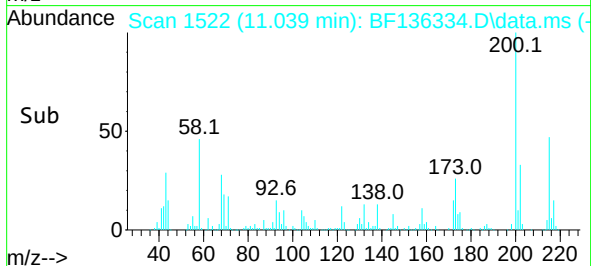
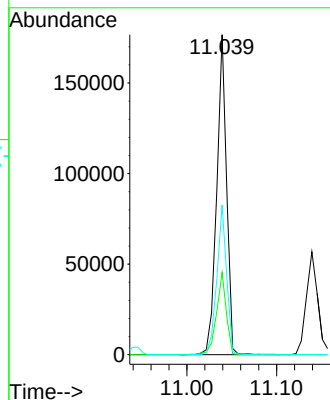
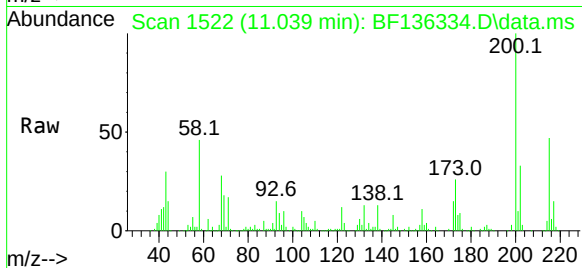
Tgt Ion:200 Resp: 134602

Ion Ratio Lower Upper

200 100

173 25.7 4.3 44.3

215 46.8 23.8 63.8



#70

Pentachlorophenol

Concen: 76.607 ng

RT: 11.139 min Scan# 1539

Delta R.T. 0.000 min

Lab File: BF136334.D

Acq: 01 Dec 2023 13:12

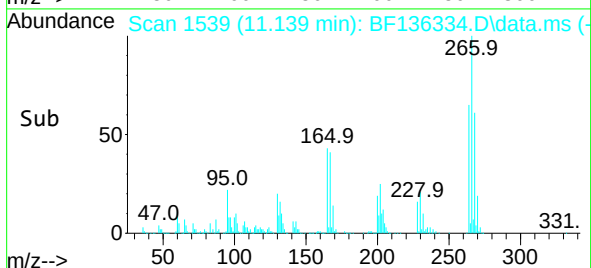
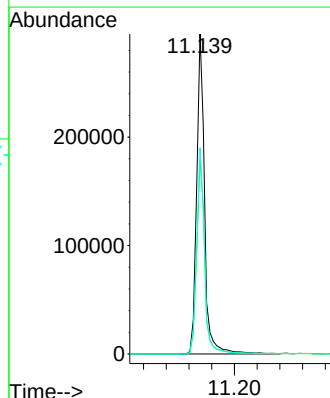
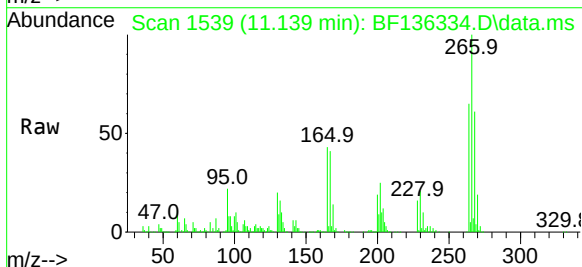
Tgt Ion:266 Resp: 287520

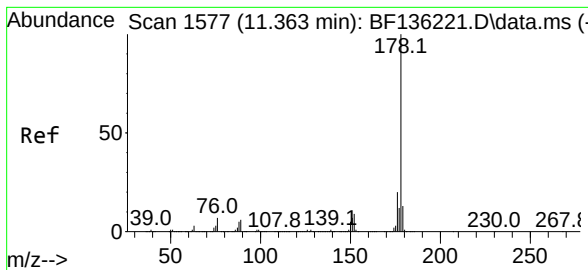
Ion Ratio Lower Upper

266 100

268 61.1 47.9 71.9

264 64.5 49.1 73.7

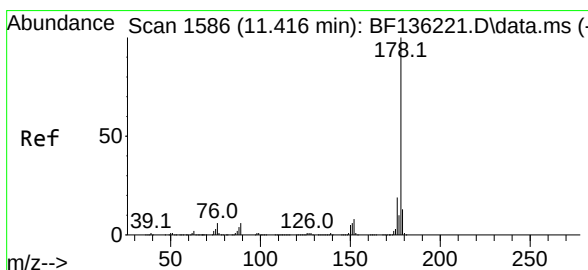
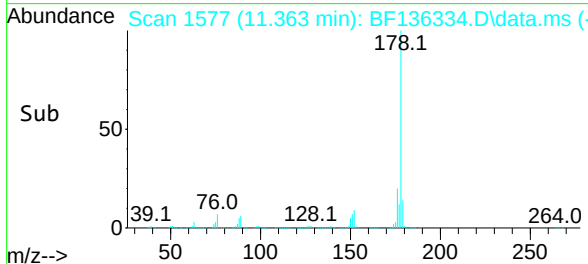
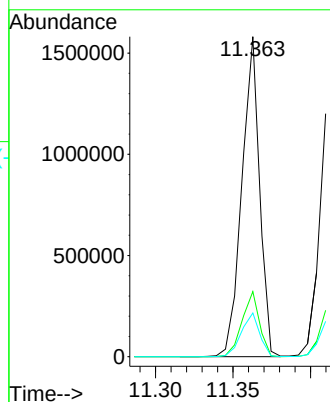
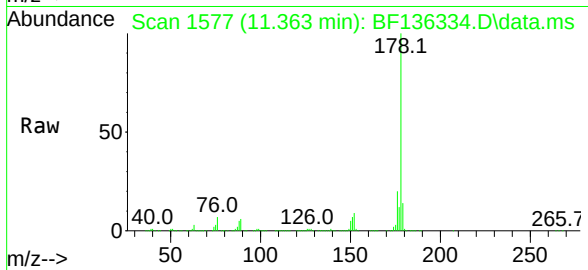




#71
 Phenanthrene
 Concen: 45.445 ng
 RT: 11.363 min Scan# 1137
 Delta R.T. 0.000 min
 Lab File: BF136334.D
 Acq: 01 Dec 2023 13:12

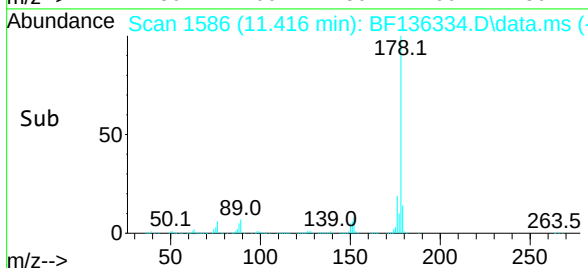
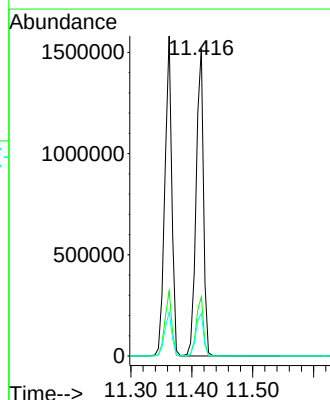
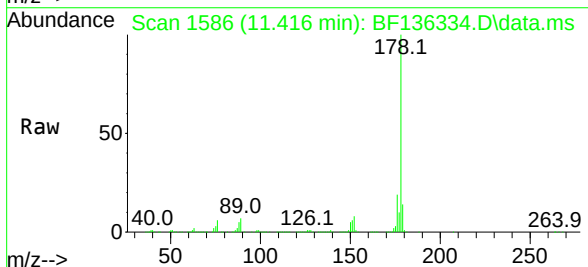
Instrument :
 BNA_F
 ClientSampleId :
 PB157138BS

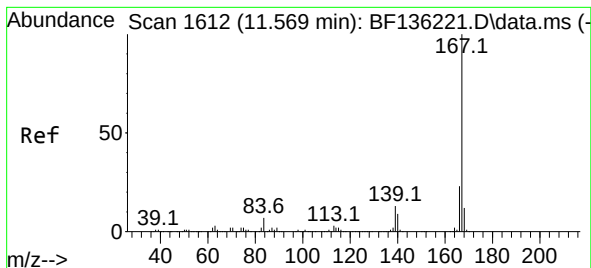
Tgt Ion:178 Resp: 1256020
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.2 24.2
 179 13.7 10.3 15.5



#72
 Anthracene
 Concen: 45.789 ng
 RT: 11.416 min Scan# 1586
 Delta R.T. 0.000 min
 Lab File: BF136334.D
 Acq: 01 Dec 2023 13:12

Tgt Ion:178 Resp: 1269096
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.5 23.3
 179 13.8 10.5 15.7





#73

Carbazole

Concen: 40.876 ng

RT: 11.569 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136334.D

Acq: 01 Dec 2023 13:12

Instrument :

BNA_F

ClientSampleId :

PB157138BS

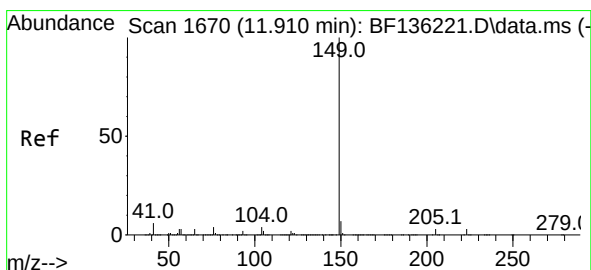
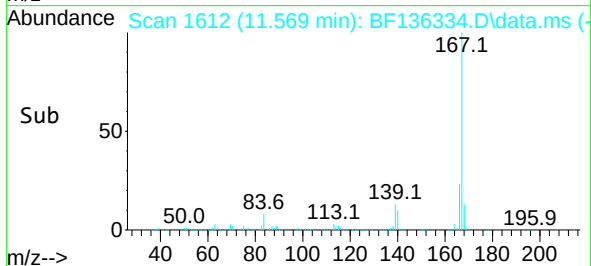
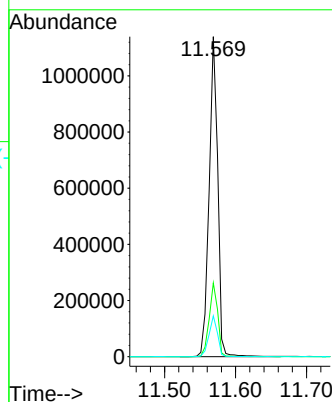
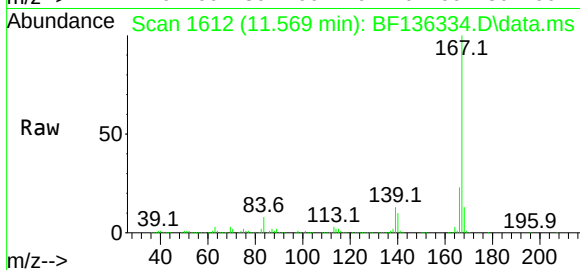
Tgt Ion:167 Resp: 963565

Ion Ratio Lower Upper

167 100

166 23.1 18.4 27.6

139 12.8 10.5 15.7



#74

Di-n-butylphthalate

Concen: 42.333 ng

RT: 11.904 min Scan# 1669

Delta R.T. -0.006 min

Lab File: BF136334.D

Acq: 01 Dec 2023 13:12

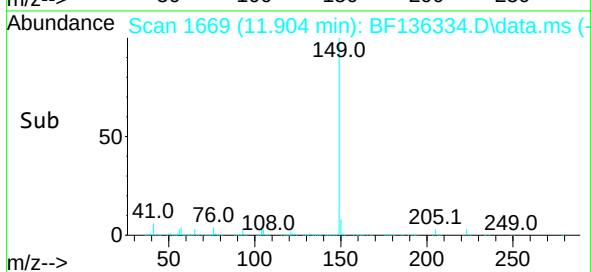
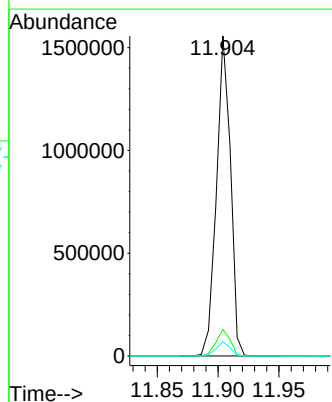
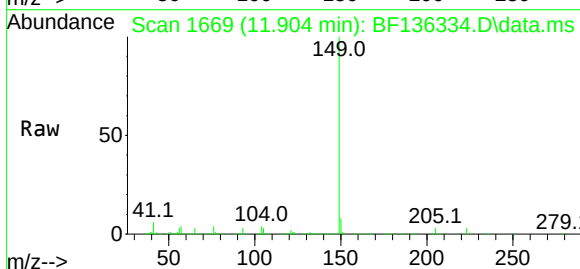
Tgt Ion:149 Resp: 1248585

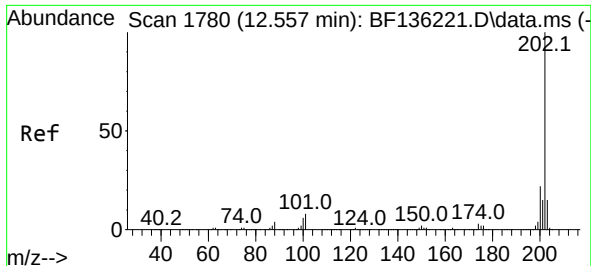
Ion Ratio Lower Upper

149 100

150 8.3 6.0 9.0

104 4.5 3.5 5.3

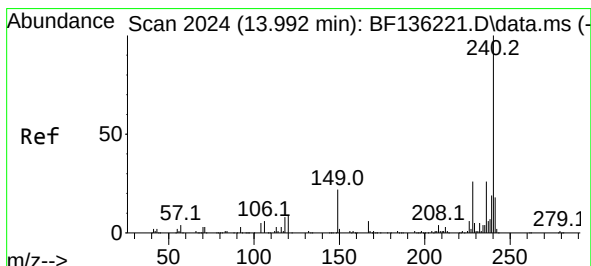
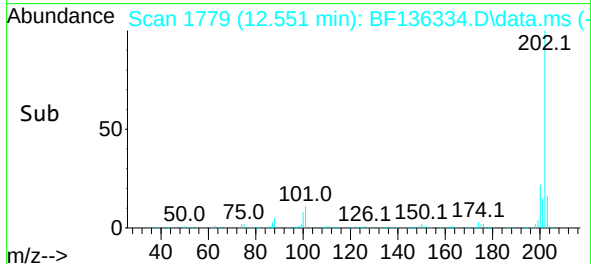
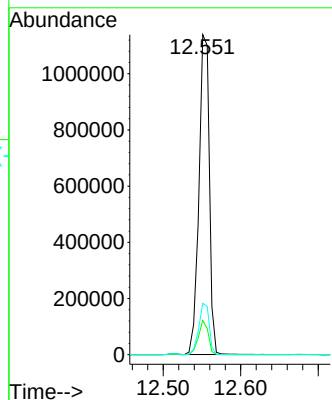
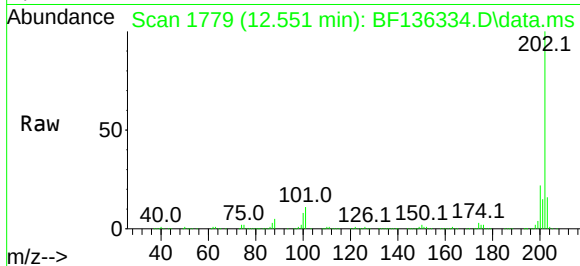




#75
Fluoranthene
Concen: 37.858 ng
RT: 12.551 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136334.D
Acq: 01 Dec 2023 13:12

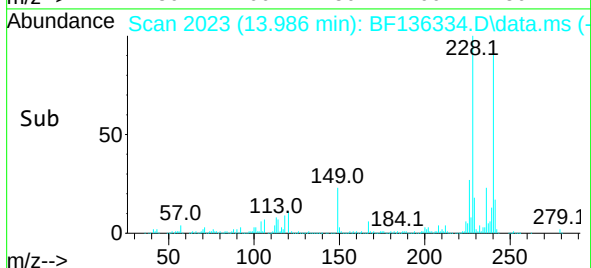
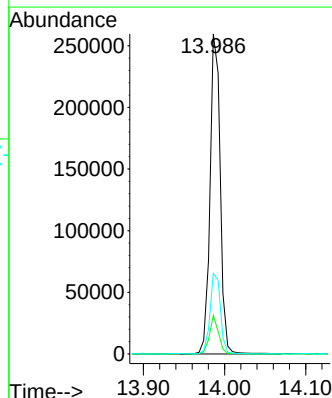
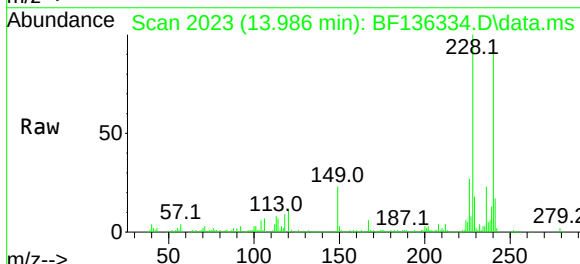
Instrument :
BNA_F
ClientSampleId :
PB157138BS

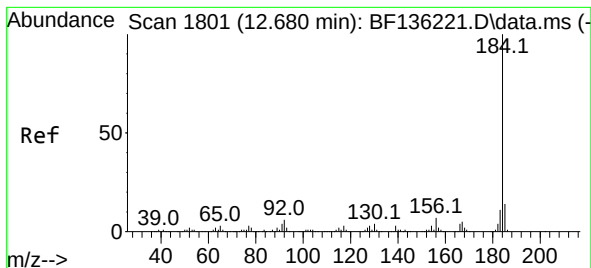
Tgt Ion:202 Resp: 1062183
Ion Ratio Lower Upper
202 100
101 10.7 0.0 27.8
203 16.1 0.0 34.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF136334.D
Acq: 01 Dec 2023 13:12

Tgt Ion:240 Resp: 225632
Ion Ratio Lower Upper
240 100
120 12.0 7.4 11.2#
236 25.2 21.1 31.7





#77

Benzidine

Concen: 53.953 ng

RT: 12.680 min Scan# 1801

Delta R.T. 0.000 min

Lab File: BF136334.D

Acq: 01 Dec 2023 13:12

Instrument :

BNA_F

ClientSampleId :

PB157138BS

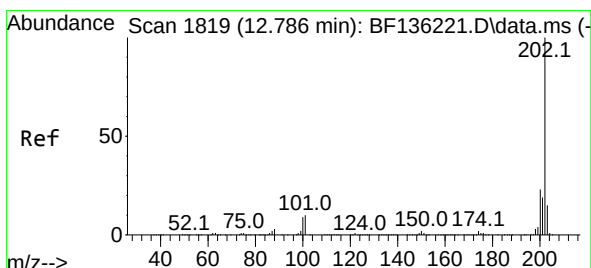
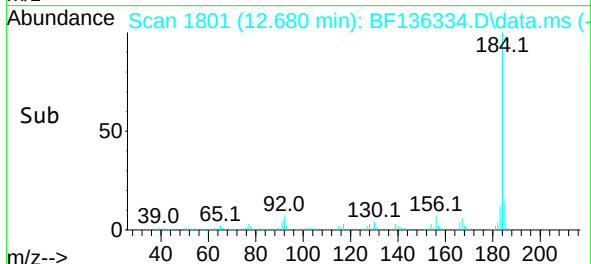
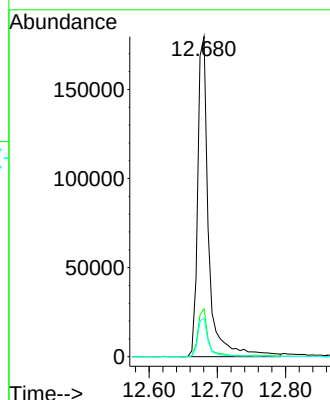
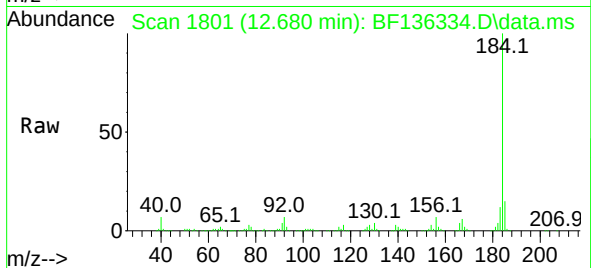
Tgt Ion:184 Resp: 200111

Ion Ratio Lower Upper

184 100

185 15.0 11.0 16.6

183 12.0 9.0 13.4



#78

Pyrene

Concen: 42.410 ng

RT: 12.780 min Scan# 1818

Delta R.T. -0.006 min

Lab File: BF136334.D

Acq: 01 Dec 2023 13:12

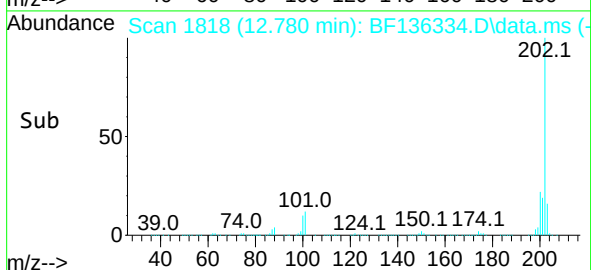
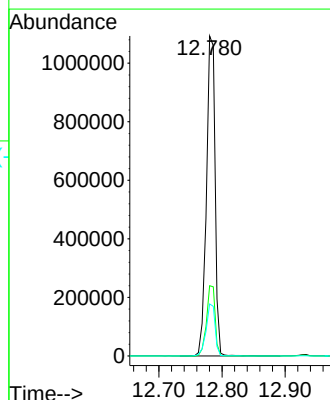
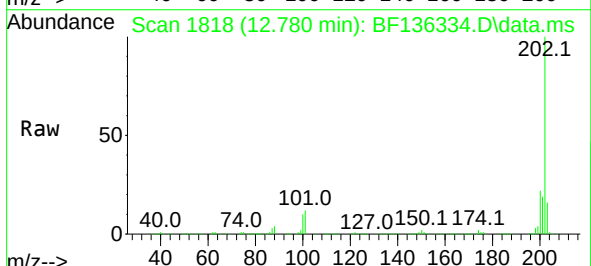
Tgt Ion:202 Resp: 1047975

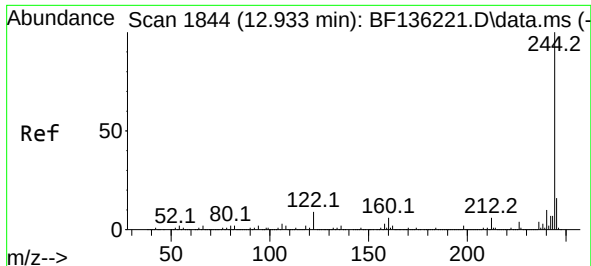
Ion Ratio Lower Upper

202 100

200 22.0 18.4 27.6

203 16.3 11.8 17.6

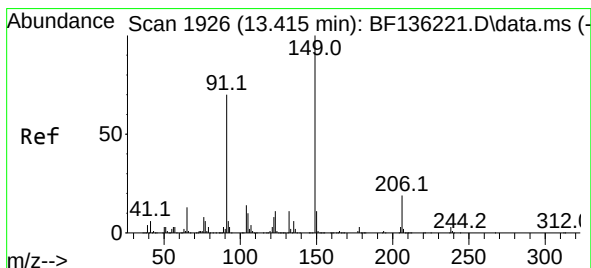
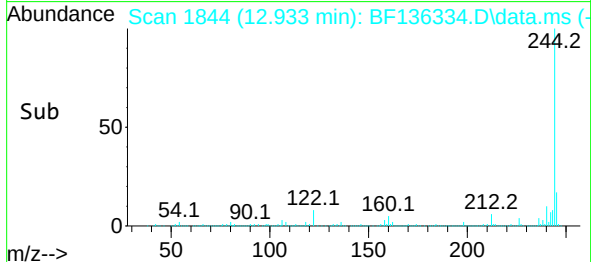
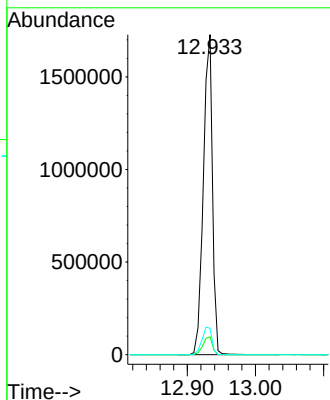
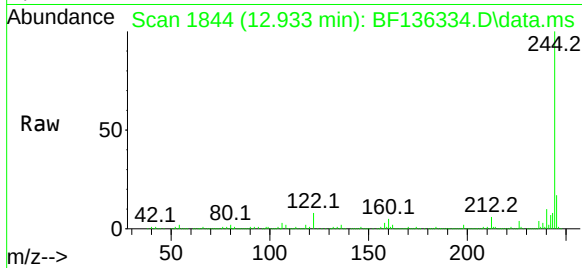




#79
 Terphenyl-d14
 Concen: 81.792 ng
 RT: 12.933 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF136334.D
 Acq: 01 Dec 2023 13:12

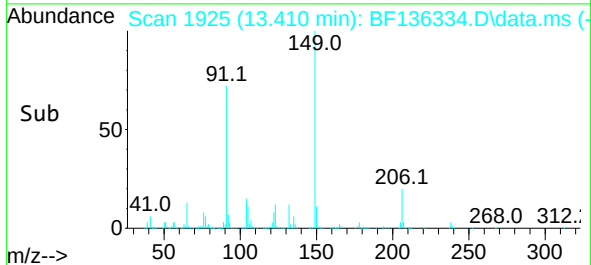
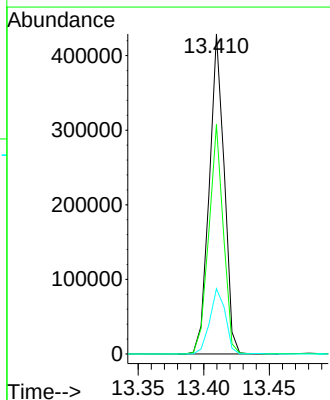
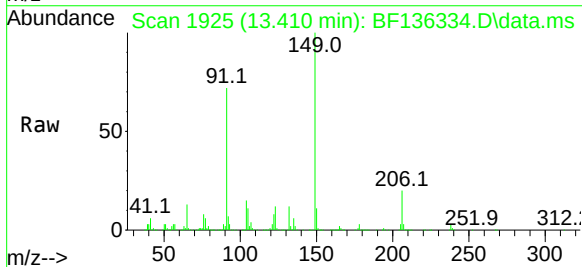
Instrument :
 BNA_F
 ClientSampleId :
 PB157138BS

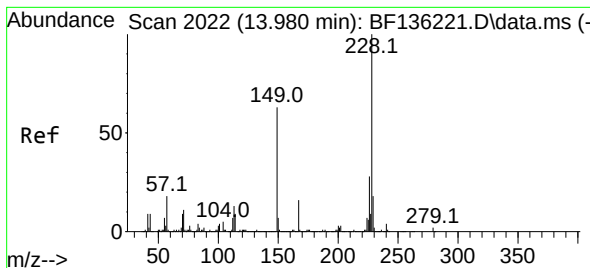
Tgt Ion:244 Resp: 1599920
 Ion Ratio Lower Upper
 244 100
 212 5.6 4.6 7.0
 122 8.2 7.3 10.9



#80
 Butylbenzylphthalate
 Concen: 44.220 ng
 RT: 13.410 min Scan# 1925
 Delta R.T. -0.006 min
 Lab File: BF136334.D
 Acq: 01 Dec 2023 13:12

Tgt Ion:149 Resp: 340073
 Ion Ratio Lower Upper
 149 100
 91 71.7 56.4 84.6
 206 20.4 14.8 22.2





#81

Benzo(a)anthracene

Concen: 44.053 ng

RT: 13.980 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BF136334.D

Acq: 01 Dec 2023 13:12

Instrument :

BNA_F

ClientSampleId :

PB157138BS

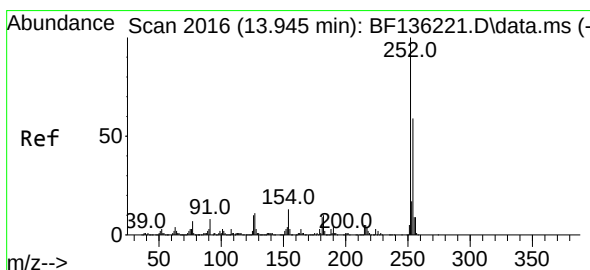
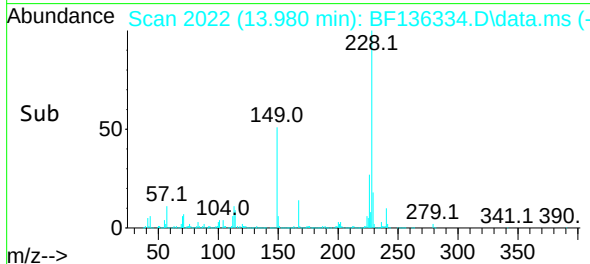
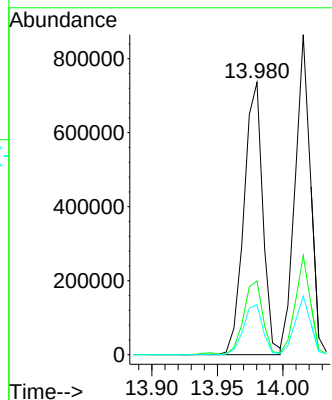
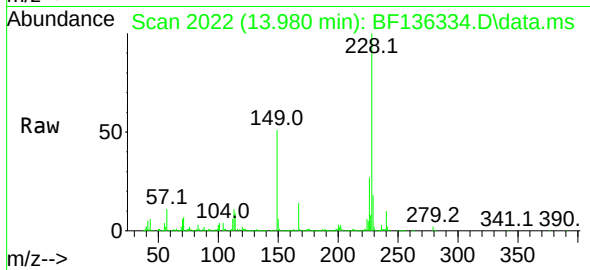
Tgt Ion:228 Resp: 738300

Ion Ratio Lower Upper

228 100

226 27.1 22.6 34.0

229 18.4 14.0 21.0



#82

3,3'-Dichlorobenzidine

Concen: 62.454 ng

RT: 13.945 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BF136334.D

Acq: 01 Dec 2023 13:12

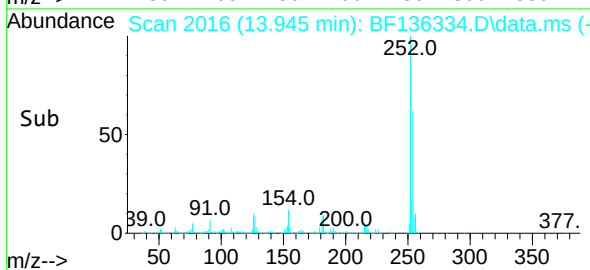
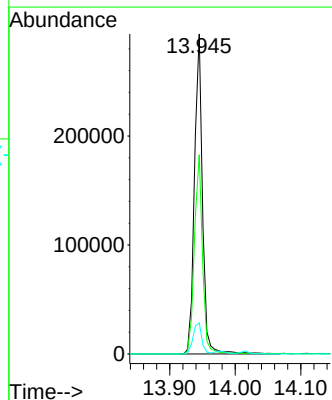
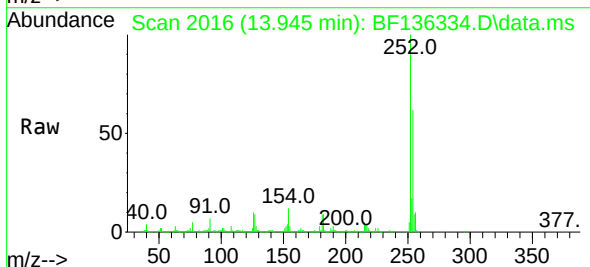
Tgt Ion:252 Resp: 251953

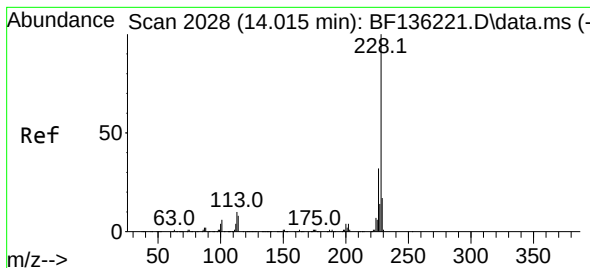
Ion Ratio Lower Upper

252 100

254 62.3 47.4 71.2

126 9.7 8.3 12.5





#83

Chrysene

Concen: 43.837 ng

RT: 14.016 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF136334.D

Acq: 01 Dec 2023 13:12

Instrument :

BNA_F

ClientSampleId :

PB157138BS

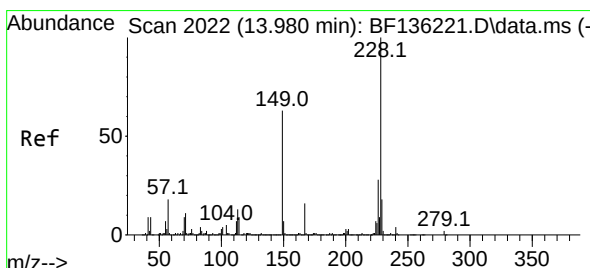
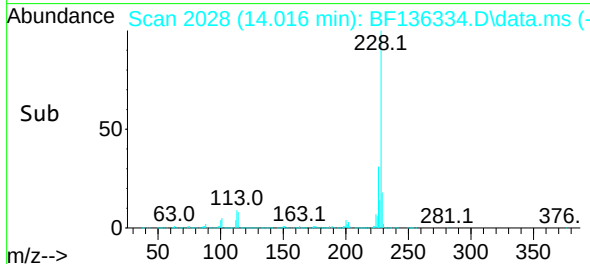
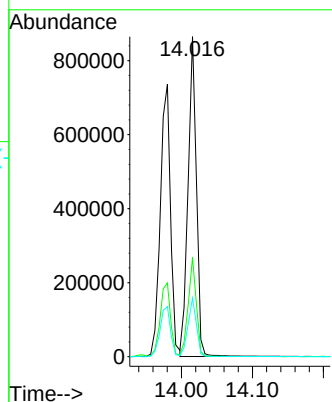
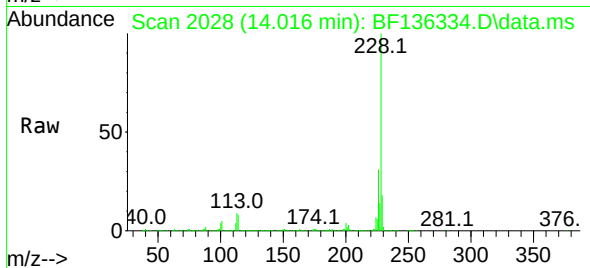
Tgt Ion:228 Resp: 709357

Ion Ratio Lower Upper

228 100

226 31.0 25.5 38.3

229 18.3 13.9 20.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.803 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF136334.D

Acq: 01 Dec 2023 13:12

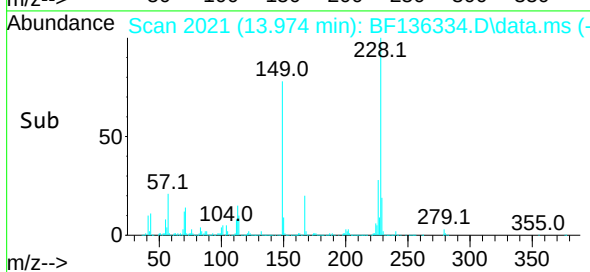
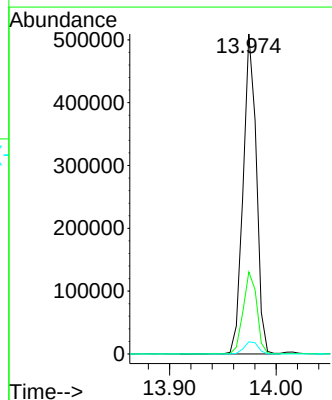
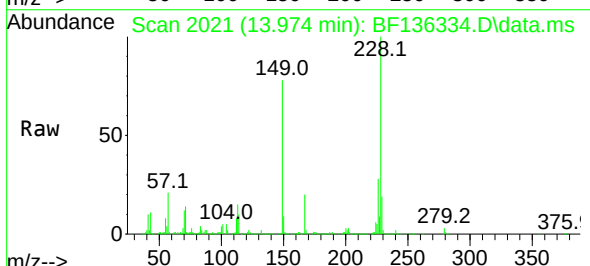
Tgt Ion:149 Resp: 441203

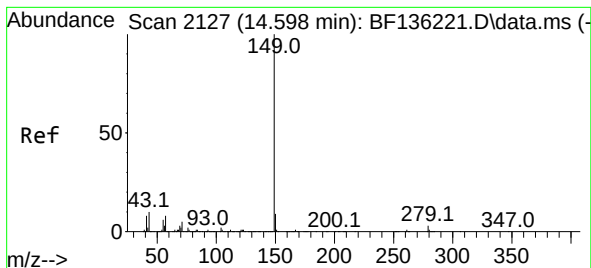
Ion Ratio Lower Upper

149 100

167 25.6 20.2 30.2

279 3.8 2.4 3.6#





#85

Di-n-octyl phthalate

Concen: 54.339 ng

RT: 14.592 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF136334.D

Acq: 01 Dec 2023 13:12

Instrument :

BNA_F

ClientSampleId :

PB157138BS

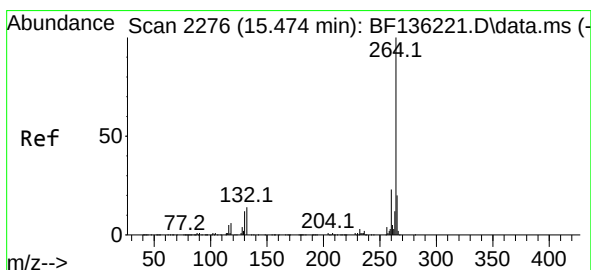
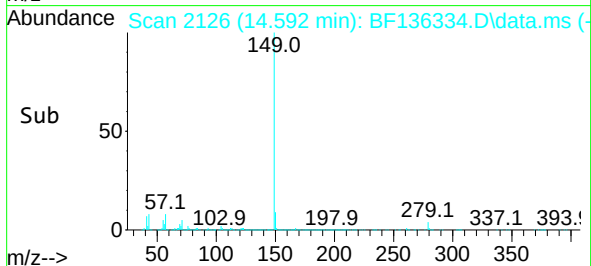
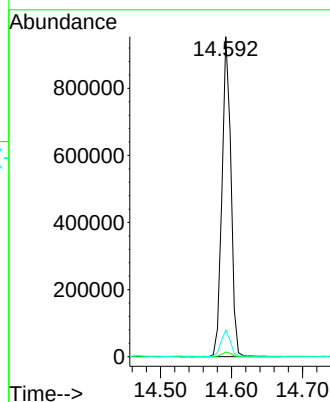
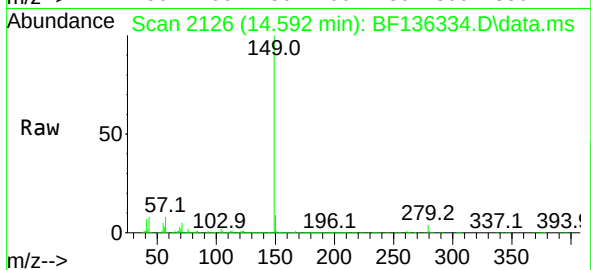
Tgt Ion:149 Resp: 825996

Ion Ratio Lower Upper

149 100

167 1.6 1.0 1.6#

43 8.6 7.2 10.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2275

Delta R.T. -0.006 min

Lab File: BF136334.D

Acq: 01 Dec 2023 13:12

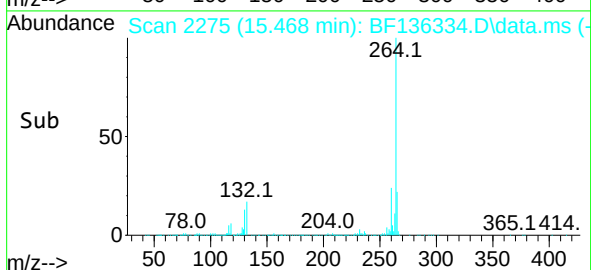
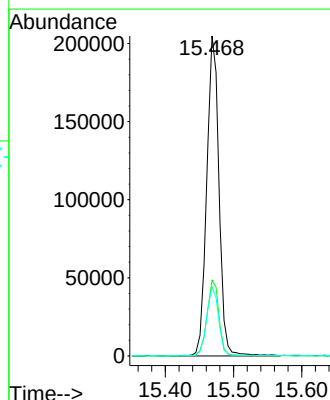
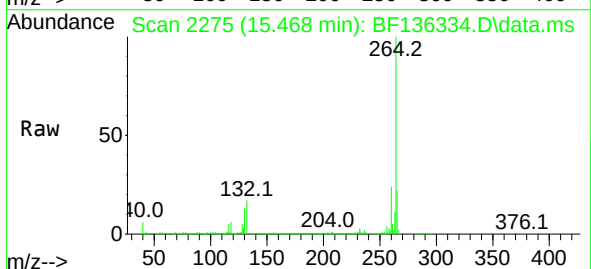
Tgt Ion:264 Resp: 256560

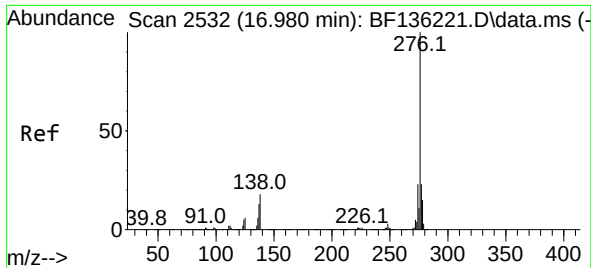
Ion Ratio Lower Upper

264 100

260 23.7 18.6 27.8

265 21.6 15.7 23.5

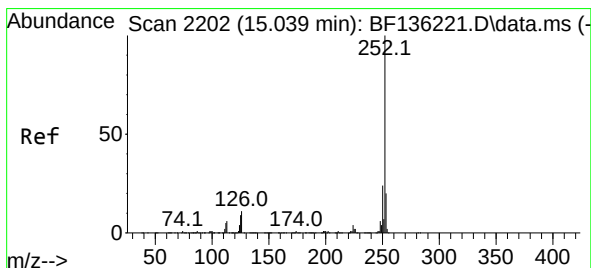
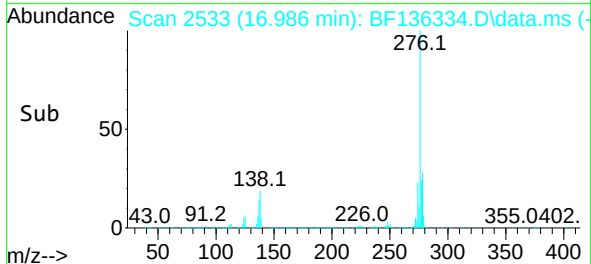
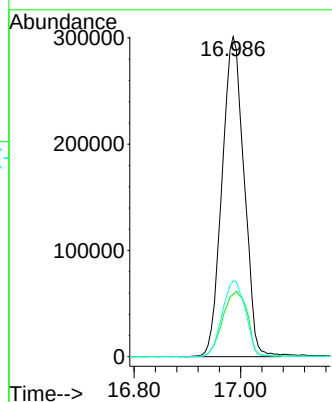
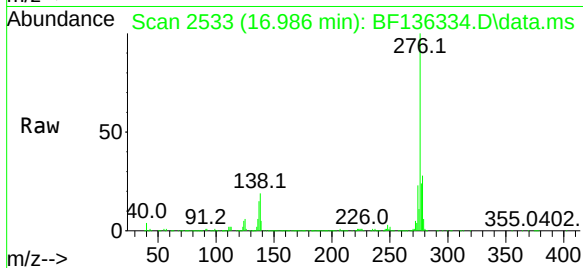




#87
Indeno(1,2,3-cd)pyrene
Concen: 45.285 ng
RT: 16.986 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF136334.D
Acq: 01 Dec 2023 13:12

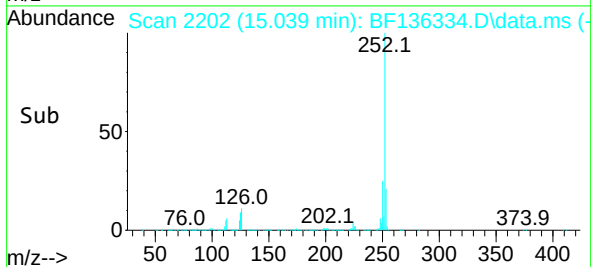
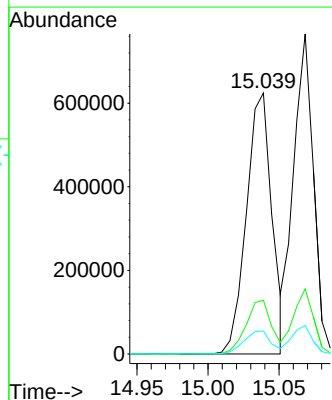
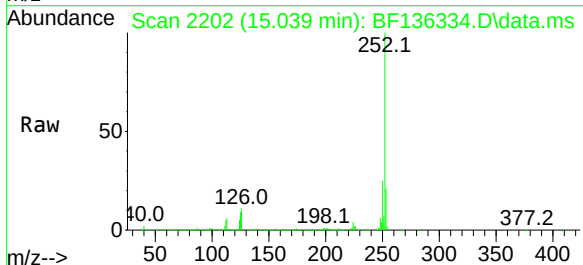
Instrument :
BNA_F
ClientSampleId :
PB157138BS

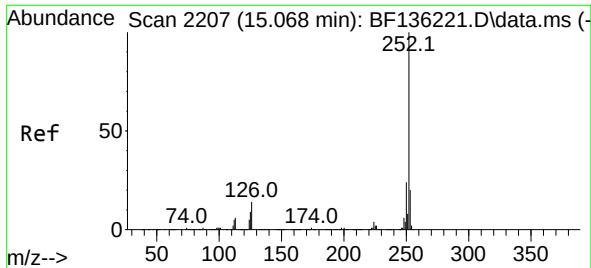
Tgt Ion:276 Resp: 865359
Ion Ratio Lower Upper
276 100
138 23.0 17.7 26.5
277 25.1 19.6 29.4



#88
Benzo(b)fluoranthene
Concen: 43.349 ng
RT: 15.039 min Scan# 2202
Delta R.T. 0.000 min
Lab File: BF136334.D
Acq: 01 Dec 2023 13:12

Tgt Ion:252 Resp: 780267
Ion Ratio Lower Upper
252 100
253 20.6 16.2 24.2
125 8.8 6.9 10.3

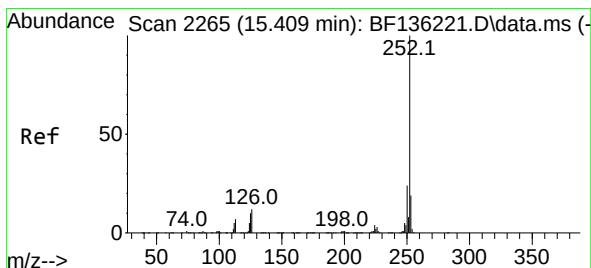
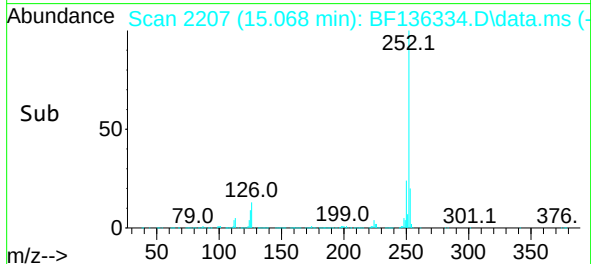
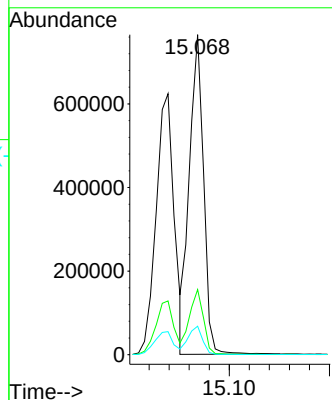
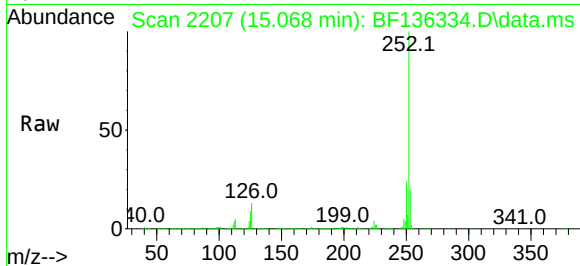




#89
Benzo(k)fluoranthene
Concen: 44.110 ng
RT: 15.068 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF136334.D
Acq: 01 Dec 2023 13:12

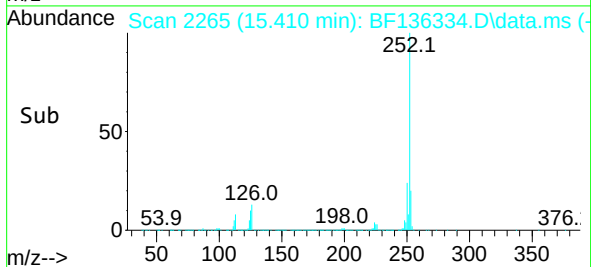
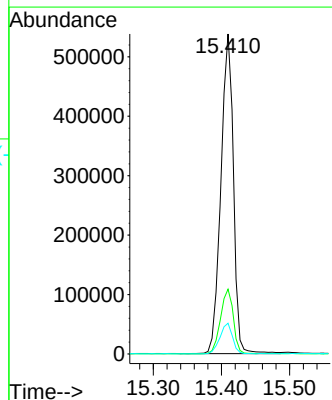
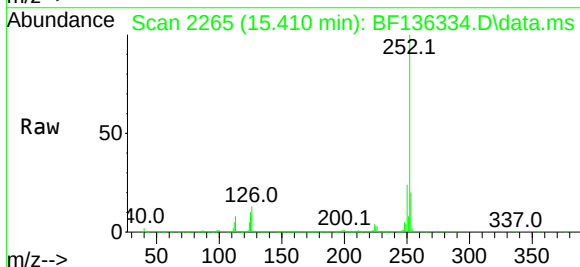
Instrument :
BNA_F
ClientSampleId :
PB157138BS

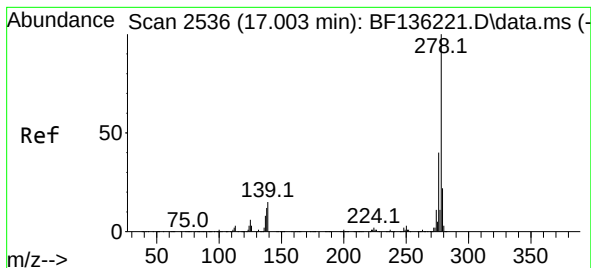
Tgt Ion:252 Resp: 754083
Ion Ratio Lower Upper
252 100
253 20.3 15.6 23.4
125 8.9 7.0 10.4



#90
Benzo(a)pyrene
Concen: 46.793 ng
RT: 15.410 min Scan# 2265
Delta R.T. 0.001 min
Lab File: BF136334.D
Acq: 01 Dec 2023 13:12

Tgt Ion:252 Resp: 688528
Ion Ratio Lower Upper
252 100
253 20.3 15.5 23.3
125 9.6 7.9 11.9





#91

Dibenzo(a,h)anthracene

Concen: 46.753 ng

RT: 17.009 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136334.D

Acq: 01 Dec 2023 13:12

Instrument :

BNA_F

ClientSampleId :

PB157138BS

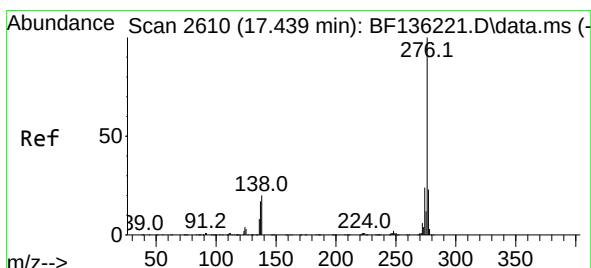
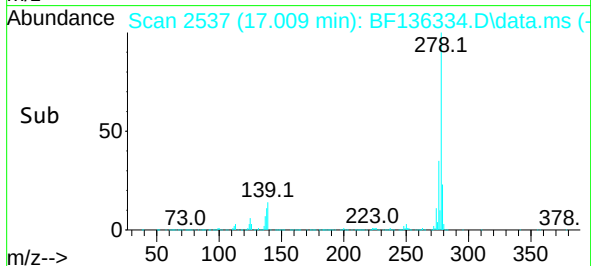
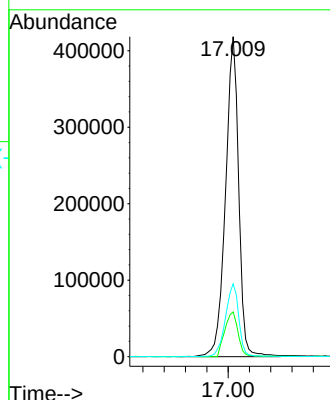
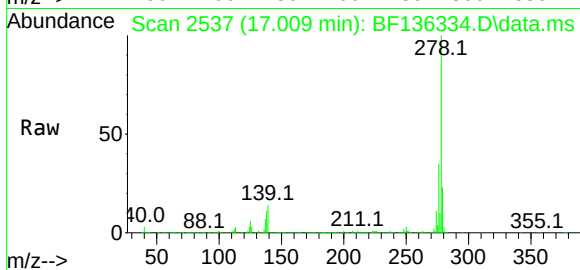
Tgt Ion:278 Resp: 718473

Ion Ratio Lower Upper

278 100

139 14.0 11.7 17.5

279 22.8 17.8 26.8



#92

Benzo(g,h,i)perylene

Concen: 45.702 ng

RT: 17.445 min Scan# 2611

Delta R.T. 0.006 min

Lab File: BF136334.D

Acq: 01 Dec 2023 13:12

Tgt Ion:276 Resp: 704406

Ion Ratio Lower Upper

276 100

277 23.1 18.6 27.8

138 19.6 15.8 23.8

