

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
 Data File : BF136336.D
 Acq On : 01 Dec 2023 14:16
 Operator : CG\JU
 Sample : PB157087BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157087BS

Quant Time: Dec 04 05:58:29 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	131517	20.000	ng	0.00
21) Naphthalene-d8	8.087	136	563461	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	284394	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	475757	20.000	ng	0.00
76) Chrysene-d12	13.986	240	215285	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	253230	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1172439	124.080	ng	0.02
7) Phenol-d6	6.451	99	1449785	122.709	ng	0.00
23) Nitrobenzene-d5	7.375	82	890954	83.557	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	432380	124.356	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	1823515	81.900	ng	0.00
79) Terphenyl-d14	12.933	244	1490278	79.849	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.681	88	136731	38.243	ng	96
3) Pyridine	3.440	79	303067	34.339	ng	93
4) n-Nitrosodimethylamine	3.405	42	173133	38.808	ng	87
6) Aniline	6.475	93	444949	39.845	ng	96
8) 2-Chlorophenol	6.598	128	456526	44.372	ng	92
9) Benzaldehyde	6.363	77	154577	23.474	ng	94
10) Phenol	6.463	94	543110	42.848	ng	97
11) bis(2-Chloroethyl)ether	6.551	93	405818	43.643	ng	95
12) 1,3-Dichlorobenzene	6.751	146	479265	41.048	ng	99
13) 1,4-Dichlorobenzene	6.828	146	486394	40.979	ng	98
14) 1,2-Dichlorobenzene	6.975	146	460792	41.007	ng	97
15) Benzyl Alcohol	6.957	79	348698	42.095	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.081	45	552232	42.756	ng	97
17) 2-Methylphenol	7.063	107	360320	44.547	ng	99
18) Hexachloroethane	7.316	117	171470	41.185	ng	97
19) n-Nitroso-di-n-propyla...	7.228	70	299372	42.366	ng	97
20) 3+4-Methylphenols	7.216	107	447019	42.523	ng	92
22) Acetophenone	7.222	105	638041	43.116	ng	# 92
24) Nitrobenzene	7.392	77	446383	41.310	ng	96
25) Isophorone	7.628	82	828495	43.091	ng	98
26) 2-Nitrophenol	7.704	139	230339	50.030	ng	97
27) 2,4-Dimethylphenol	7.745	122	389808	64.327	ng	94
28) bis(2-Chloroethoxy)met...	7.840	93	516380	44.402	ng	98
29) 2,4-Dichlorophenol	7.945	162	372472	45.570	ng	96
30) 1,2,4-Trichlorobenzene	8.028	180	414625	41.433	ng	98
31) Naphthalene	8.110	128	1359013	42.910	ng	98
32) Benzoic acid	7.881	122	274402	49.686	ng	97
33) 4-Chloroaniline	8.157	127	373016	34.649	ng	98
34) Hexachlorobutadiene	8.222	225	238977	40.819	ng	99
35) Caprolactam	8.534	113	72649	31.795	ng	90
36) 4-Chloro-3-methylphenol	8.645	107	389780	43.969	ng	96
37) 2-Methylnaphthalene	8.798	142	856540	43.114	ng	99
38) 1-Methylnaphthalene	8.898	142	791277	40.829	ng	97
40) 1,2,4,5-Tetrachloroben...	8.969	216	407202	44.990	ng	99
41) Hexachlorocyclopentadiene	8.951	237	448778	128.862	ng	96
43) 2,4,6-Trichlorophenol	9.081	196	266465	45.359	ng	92

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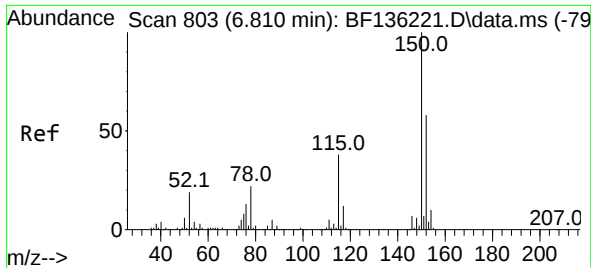
Quant Time: Dec 04 05:58:29 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	280429	43.742	ng	99
46) 1,1'-Biphenyl	9.269	154	1114308	44.431	ng	98
47) 2-Chloronaphthalene	9.292	162	827718	42.499	ng	97
48) 2-Nitroaniline	9.386	65	225982	44.442	ng	92
49) Acenaphthylene	9.710	152	1245684	44.819	ng	99
50) Dimethylphthalate	9.575	163	938882	43.679	ng	99
51) 2,6-Dinitrotoluene	9.633	165	198513	45.206	ng	96
52) Acenaphthene	9.881	154	761648	43.364	ng	99
53) 3-Nitroaniline	9.804	138	162022	37.185	ng	95
54) 2,4-Dinitrophenol	9.910	184	196392	96.161	ng	98
55) Dibenzofuran	10.051	168	1130784	43.265	ng	100
56) 4-Nitrophenol	9.969	139	245259	74.113	ng	92
57) 2,4-Dinitrotoluene	10.039	165	249139	42.474	ng	93
58) Fluorene	10.398	166	865167	42.201	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	228923	44.879	ng	99
60) Diethylphthalate	10.275	149	890226	41.402	ng	97
61) 4-Chlorophenyl-phenyle...	10.392	204	421267	42.313	ng	96
62) 4-Nitroaniline	10.422	138	166293	38.990	ng	95
63) Azobenzene	10.551	77	820339	41.153	ng	96
65) 4,6-Dinitro-2-methylph...	10.445	198	128758	49.491	ng	97
66) n-Nitrosodiphenylamine	10.510	169	746252	48.946	ng	98
67) 4-Bromophenyl-phenylether	10.880	248	259030	46.668	ng	97
68) Hexachlorobenzene	10.945	284	293092	45.625	ng	95
69) Atrazine	11.039	200	131063	28.979	ng	97
70) Pentachlorophenol	11.139	266	278678	76.746	ng	98
71) Phenanthrene	11.363	178	1214980	45.437	ng	99
72) Anthracene	11.416	178	1233721	46.008	ng	99
73) Carbazole	11.569	167	919363	40.311	ng	99
74) Di-n-butylphthalate	11.904	149	1189077	41.670	ng	99
75) Fluoranthene	12.551	202	1009421	37.186	ng	95
77) Benzidine	12.680	184	196051	55.399	ng	99
78) Pyrene	12.780	202	987206	41.871	ng	98
80) Butylbenzylphthalate	13.410	149	323584	44.098	ng	97
81) Benzo(a)anthracene	13.980	228	703925	44.021	ng	98
82) 3,3'-Dichlorobenzidine	13.945	252	244202	63.442	ng	97
83) Chrysene	14.016	228	683903	44.295	ng	98
84) Bis(2-ethylhexyl)phtha...	13.974	149	421247	47.834	ng	# 99
85) Di-n-octyl phthalate	14.592	149	813747	55.938	ng	99
87) Indeno(1,2,3-cd)pyrene	16.986	276	874908	46.321	ng	98
88) Benzo(b)fluoranthene	15.039	252	776530	43.708	ng	99
89) Benzo(k)fluoranthene	15.068	252	752167	44.576	ng	99
90) Benzo(a)pyrene	15.410	252	678894	46.745	ng	98
91) Dibenzo(a,h)anthracene	17.009	278	722993	47.613	ng	98
92) Benzo(g,h,i)perylene	17.445	276	702199	46.139	ng	99

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

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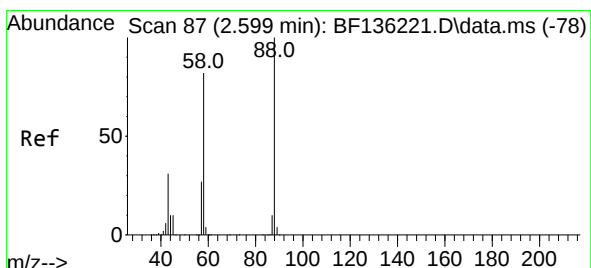
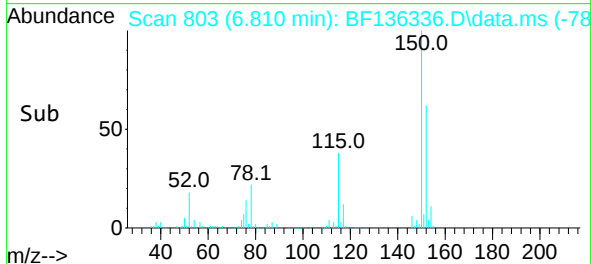
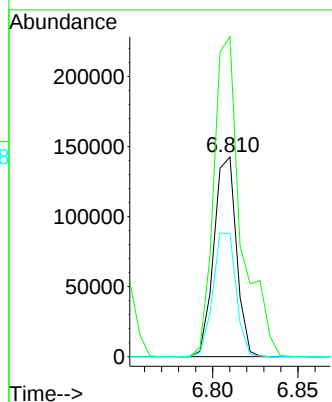
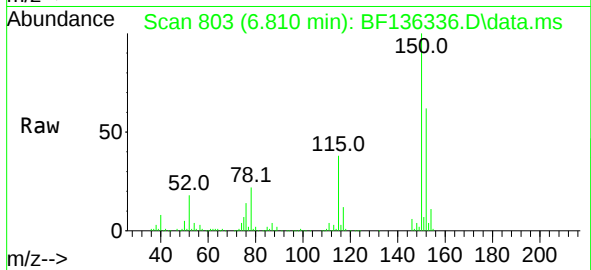




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF136336.D
Acq: 01 Dec 2023 14:16

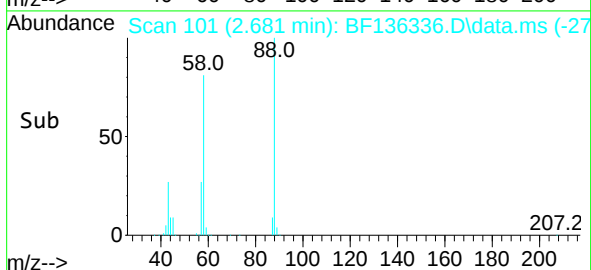
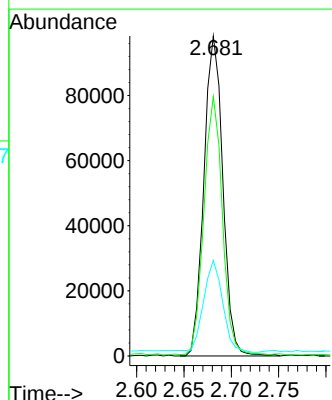
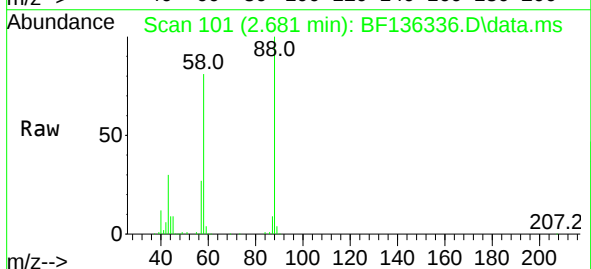
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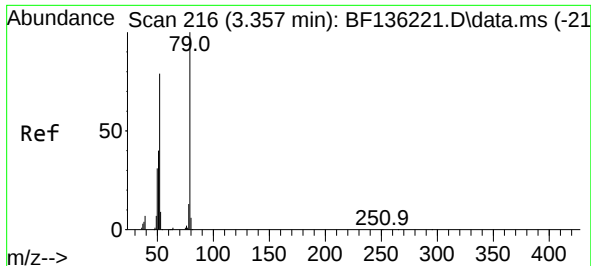
Tgt Ion:152 Resp: 131517
Ion Ratio Lower Upper
152 100
150 160.3 137.8 206.8
115 61.6 52.7 79.1



#2
1,4-Dioxane
Concen: 38.243 ng
RT: 2.681 min Scan# 101
Delta R.T. 0.082 min
Lab File: BF136336.D
Acq: 01 Dec 2023 14:16

Tgt Ion: 88 Resp: 136731
Ion Ratio Lower Upper
88 100
58 78.6 65.9 98.9
43 28.9 24.8 37.2

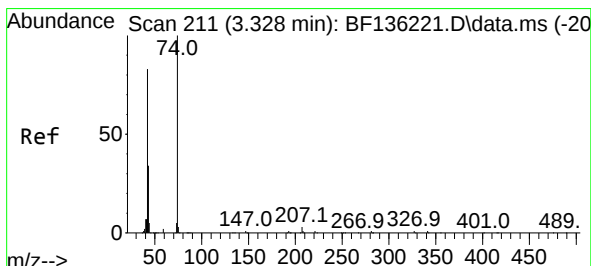
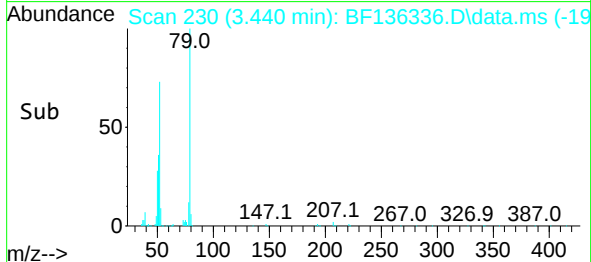
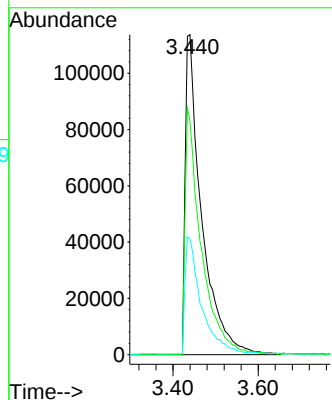
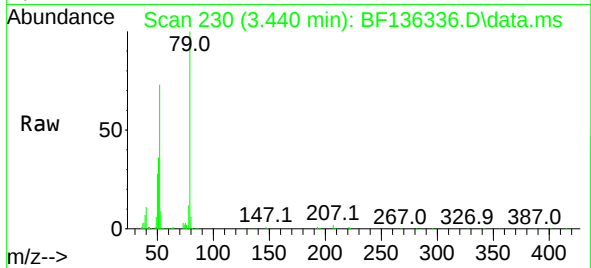




#3
Pyridine
Concen: 34.339 ng
RT: 3.440 min Scan# 21
Delta R.T. 0.082 min
Lab File: BF136336.D
Acq: 01 Dec 2023 14:16

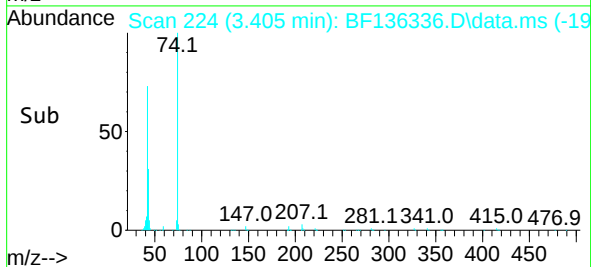
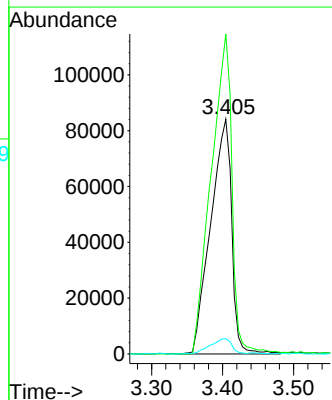
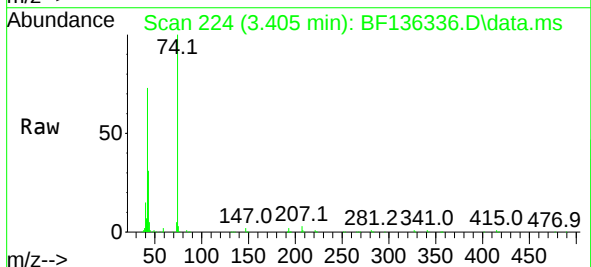
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ClientSampleId :
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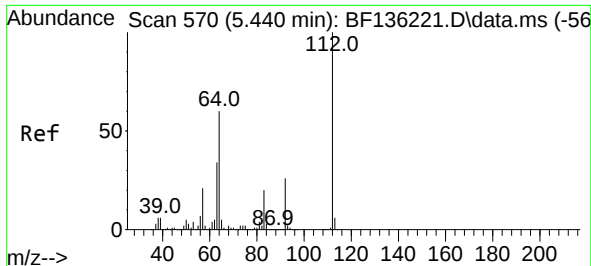
Tgt Ion: 79 Resp: 303067
Ion Ratio Lower Upper
79 100
52 73.1 63.2 94.8
51 36.2 32.6 49.0



#4
n-Nitrosodimethylamine
Concen: 38.808 ng
RT: 3.405 min Scan# 224
Delta R.T. 0.077 min
Lab File: BF136336.D
Acq: 01 Dec 2023 14:16

Tgt Ion: 42 Resp: 173133
Ion Ratio Lower Upper
42 100
74 136.3 96.6 144.8
44 6.5 5.4 8.2

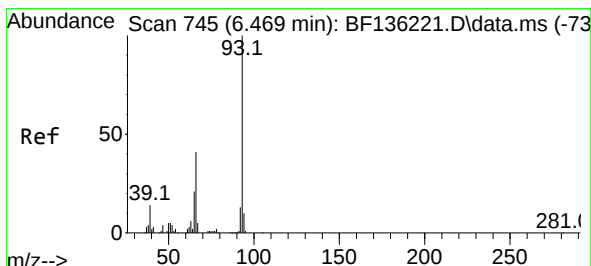
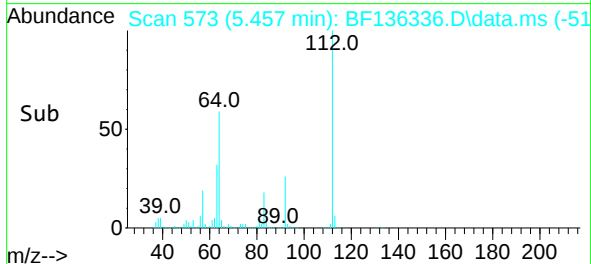
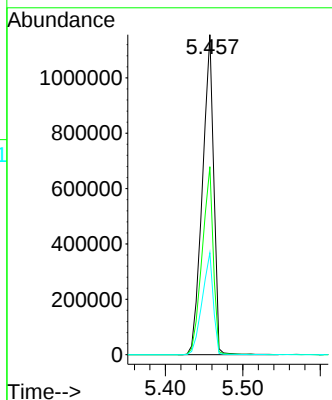
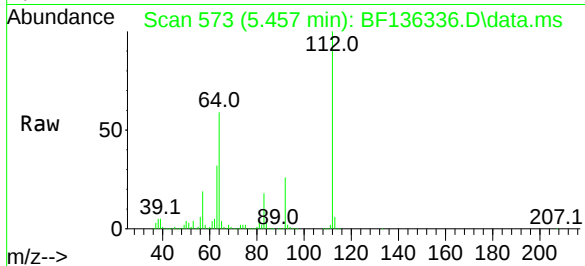




#5
2-Fluorophenol
Concen: 124.080 ng
RT: 5.457 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF136336.D
Acq: 01 Dec 2023 14:16

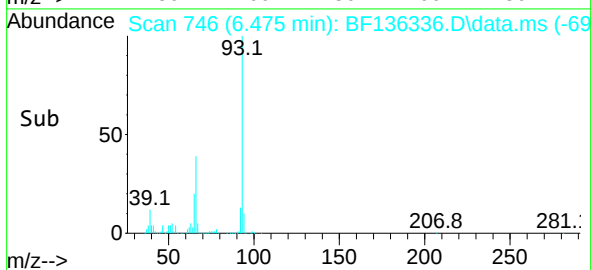
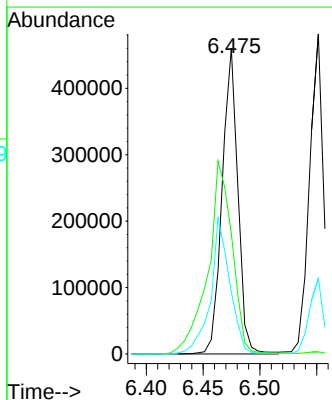
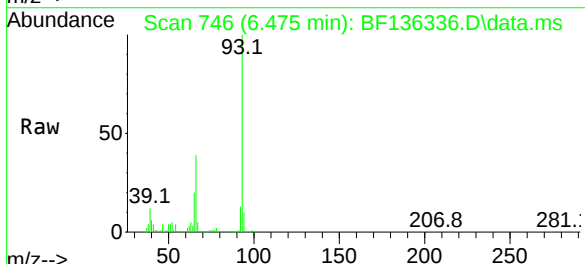
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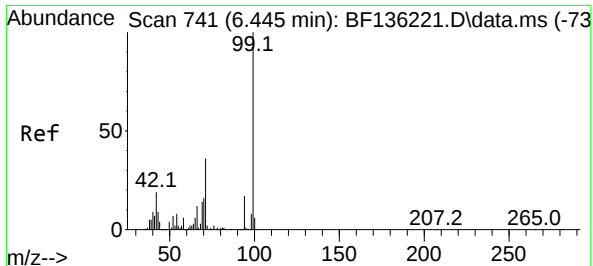
Tgt Ion:112 Resp: 1172439
Ion Ratio Lower Upper
112 100
64 58.8 48.2 72.4
63 31.9 27.0 40.6



#6
Aniline
Concen: 39.845 ng
RT: 6.475 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF136336.D
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Tgt Ion: 93 Resp: 444949
Ion Ratio Lower Upper
93 100
66 39.4 34.1 51.1
65 20.2 17.3 25.9

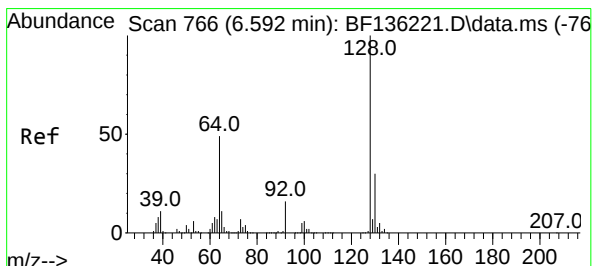
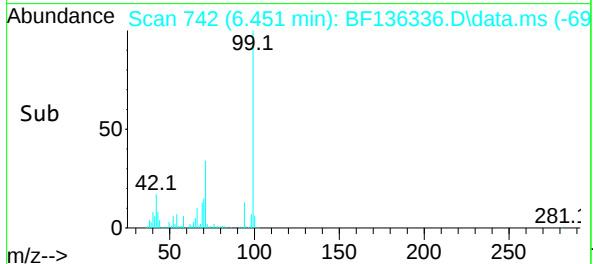
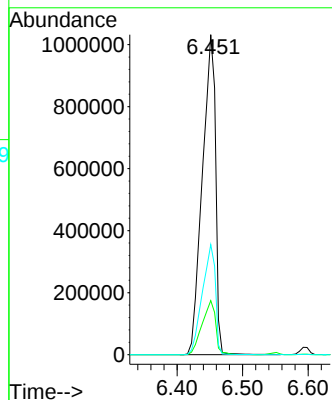
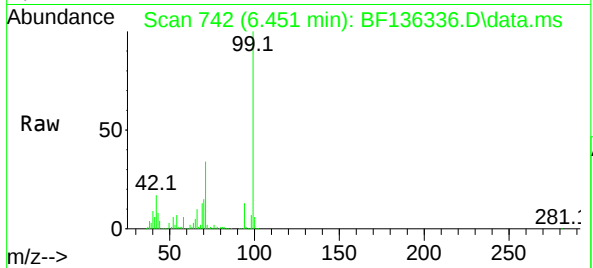




#7
Phenol-d6
Concen: 122.709 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF136336.D
Acq: 01 Dec 2023 14:16

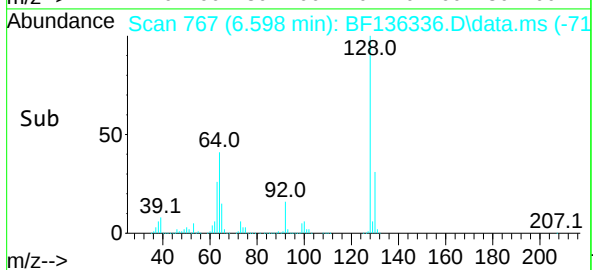
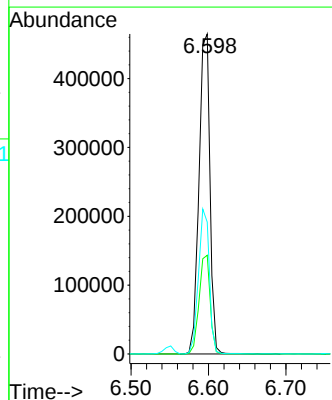
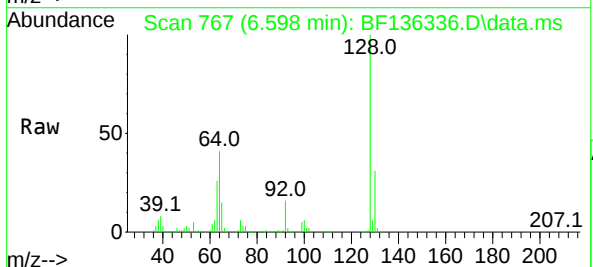
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Tgt Ion: 99 Resp: 1449785
Ion Ratio Lower Upper
99 100
42 16.9 15.0 22.6
71 34.4 28.9 43.3



#8
2-Chlorophenol
Concen: 44.372 ng
RT: 6.598 min Scan# 767
Delta R.T. 0.006 min
Lab File: BF136336.D
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Tgt Ion: 128 Resp: 456526
Ion Ratio Lower Upper
128 100
130 30.9 10.3 50.3
64 41.2 30.0 70.0





#9

Benzaldehyde

Concen: 23.474 ng

RT: 6.363 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF136336.D

Acq: 01 Dec 2023 14:16

Instrument :

BNA_F

ClientSampleId :

PB157087BS

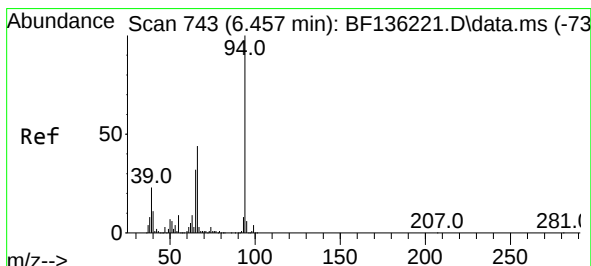
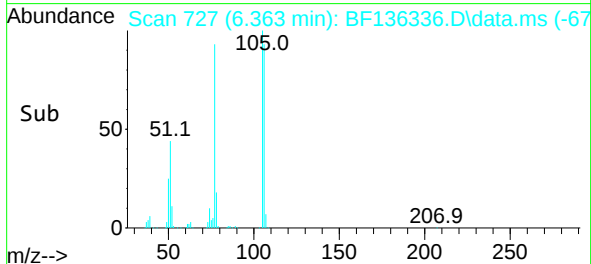
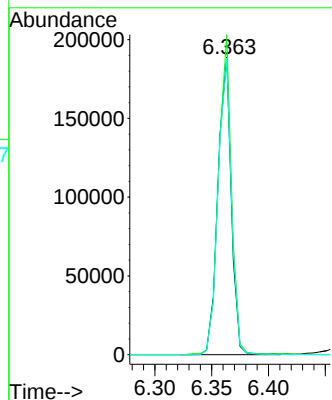
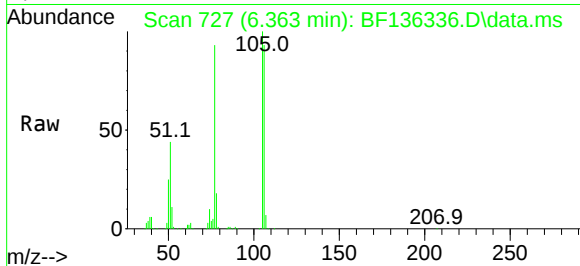
Tgt Ion: 77 Resp: 154577

Ion Ratio Lower Upper

77 100

105 107.4 84.3 124.3

106 99.6 71.0 111.0



#10

Phenol

Concen: 42.848 ng

RT: 6.463 min Scan# 744

Delta R.T. 0.006 min

Lab File: BF136336.D

Acq: 01 Dec 2023 14:16

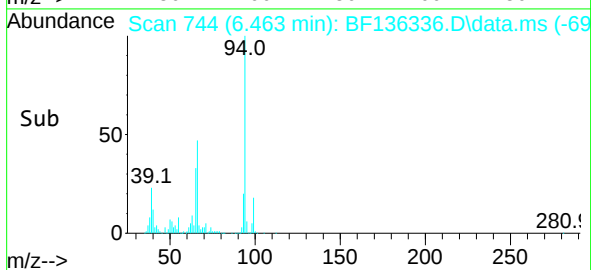
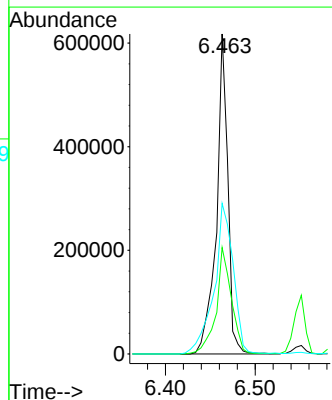
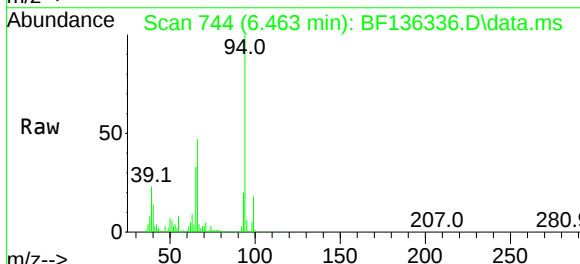
Tgt Ion: 94 Resp: 543110

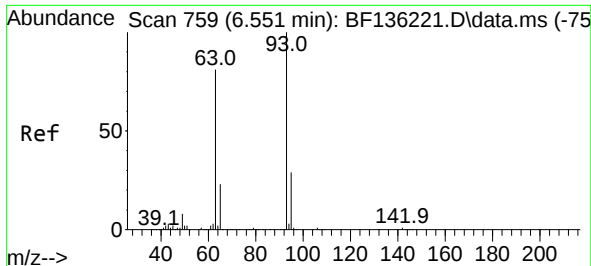
Ion Ratio Lower Upper

94 100

65 33.3 12.5 52.5

66 47.0 24.1 64.1





#11

bis(2-Chloroethyl)ether

Concen: 43.643 ng

RT: 6.551 min Scan# 759

Delta R.T. 0.000 min

Lab File: BF136336.D

Acq: 01 Dec 2023 14:16

Instrument :

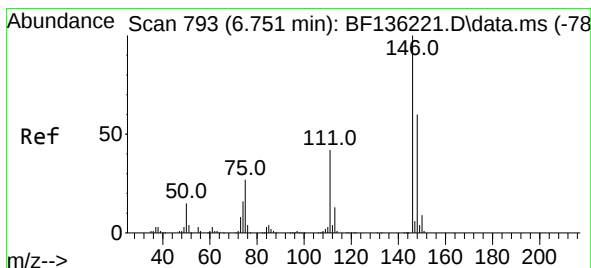
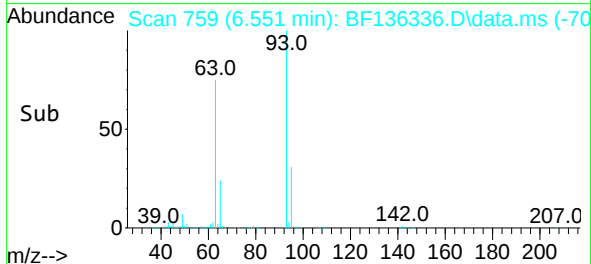
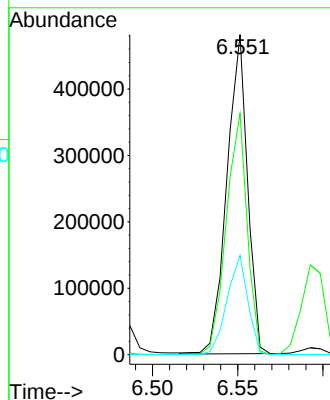
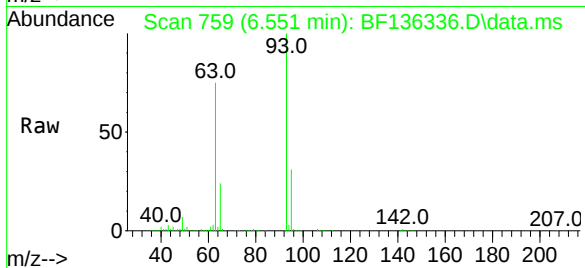
BNA_F

ClientSampleId :

PB157087BS

Tgt Ion: 93 Resp: 405818

Ion	Ratio	Lower	Upper
93	100		
63	75.4	60.2	100.2
95	31.0	9.1	49.1



#12

1,3-Dichlorobenzene

Concen: 41.048 ng

RT: 6.751 min Scan# 793

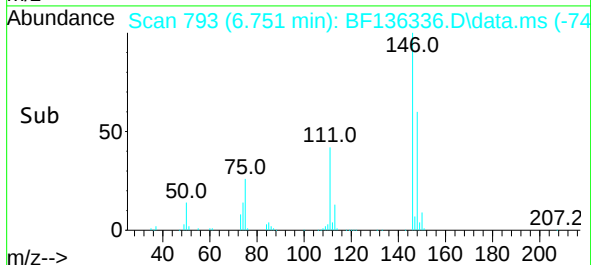
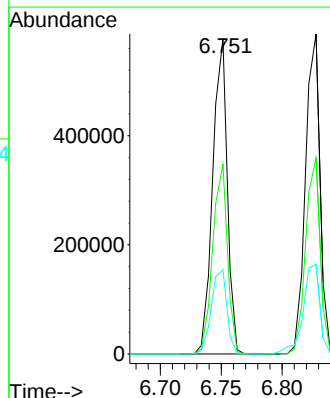
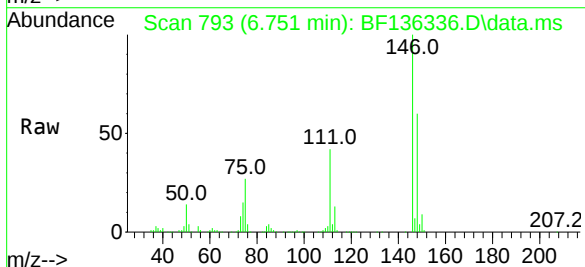
Delta R.T. 0.000 min

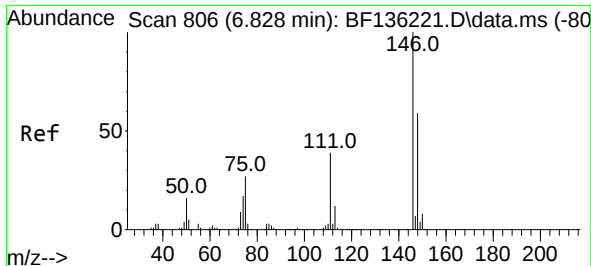
Lab File: BF136336.D

Acq: 01 Dec 2023 14:16

Tgt Ion: 146 Resp: 479265

Ion	Ratio	Lower	Upper
146	100		
148	60.2	47.8	71.6
75	26.8	22.0	33.0





#13

1,4-Dichlorobenzene

Concen: 40.979 ng

RT: 6.828 min Scan# 80

Delta R.T. 0.000 min

Lab File: BF136336.D

Acq: 01 Dec 2023 14:16

Instrument :

BNA_F

ClientSampleId :

PB157087BS

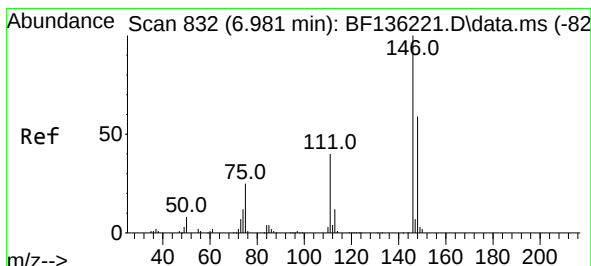
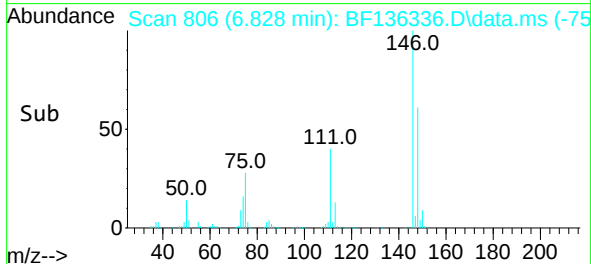
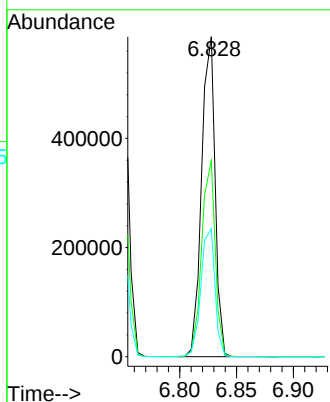
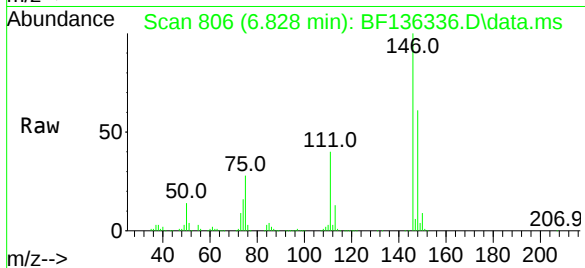
Tgt Ion:146 Resp: 486394

Ion Ratio Lower Upper

146 100

148 61.3 47.0 70.6

111 39.9 31.5 47.3



#14

1,2-Dichlorobenzene

Concen: 41.007 ng

RT: 6.975 min Scan# 831

Delta R.T. -0.006 min

Lab File: BF136336.D

Acq: 01 Dec 2023 14:16

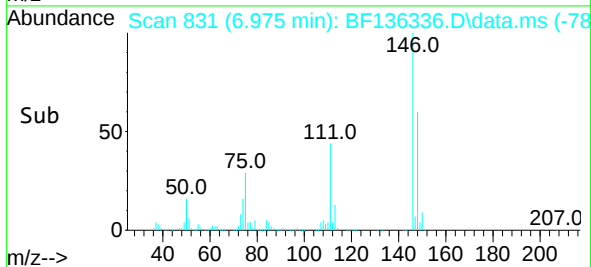
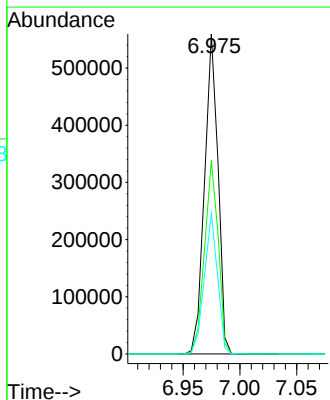
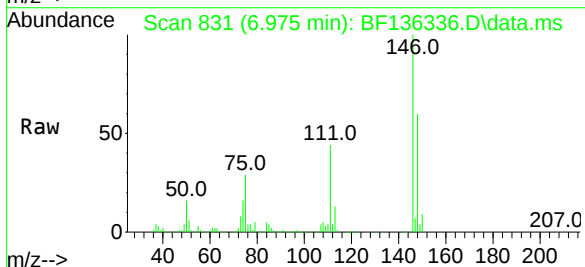
Tgt Ion:146 Resp: 460792

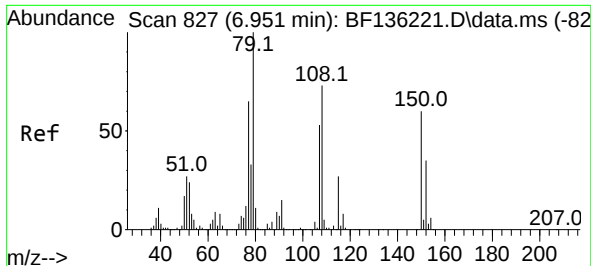
Ion Ratio Lower Upper

146 100

148 60.4 47.3 70.9

111 43.9 32.4 48.6

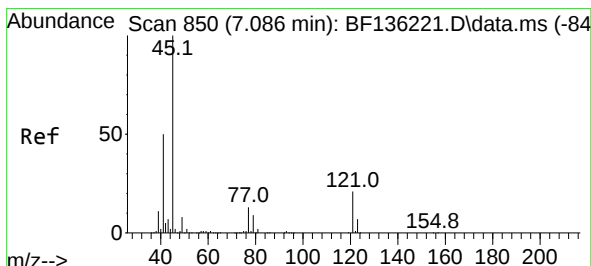
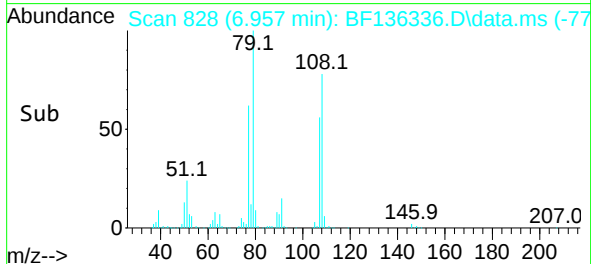
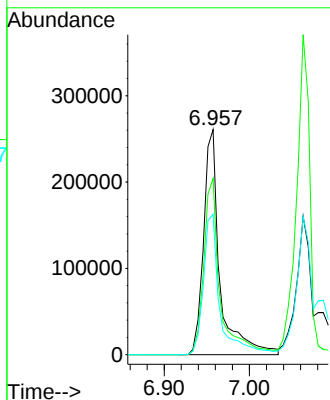
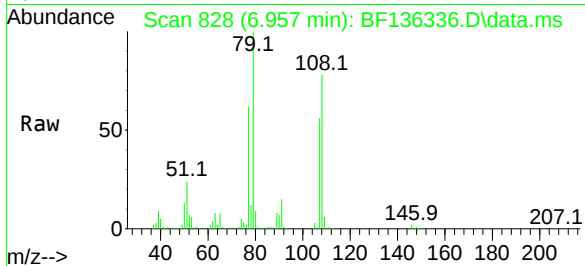




#15
Benzyl Alcohol
Concen: 42.095 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF136336.D
Acq: 01 Dec 2023 14:16

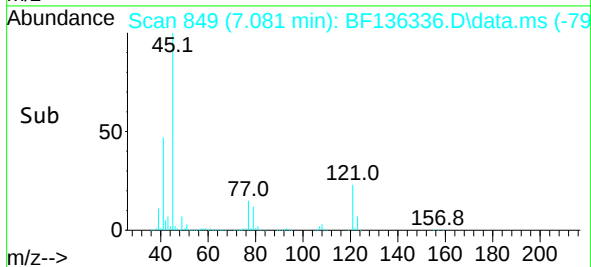
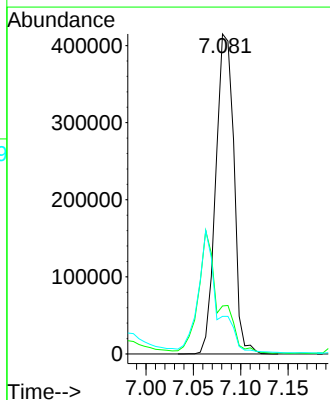
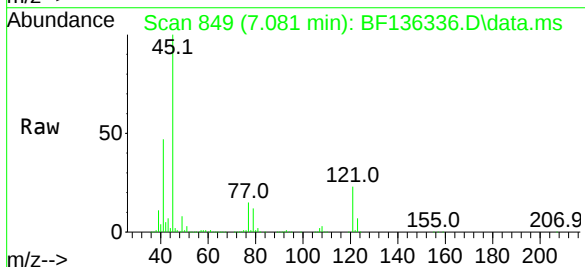
Instrument :
BNA_F
ClientSampleId :
PB157087BS

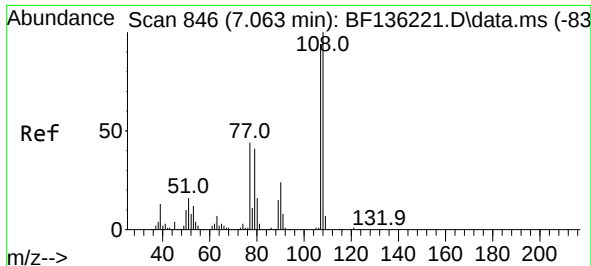
Tgt Ion: 79 Resp: 348698
Ion Ratio Lower Upper
79 100
108 78.4 58.1 87.1
77 62.4 51.8 77.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.756 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF136336.D
Acq: 01 Dec 2023 14:16

Tgt Ion: 45 Resp: 552232
Ion Ratio Lower Upper
45 100
77 15.0 0.0 34.0
79 11.7 0.0 30.1

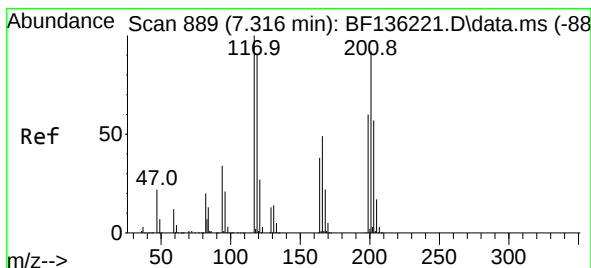
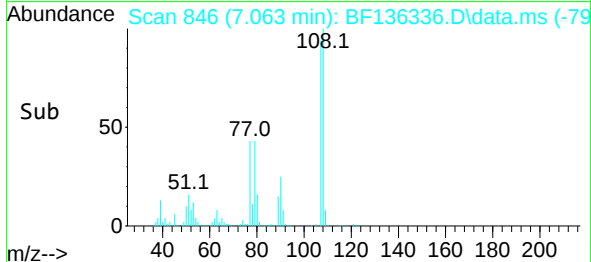
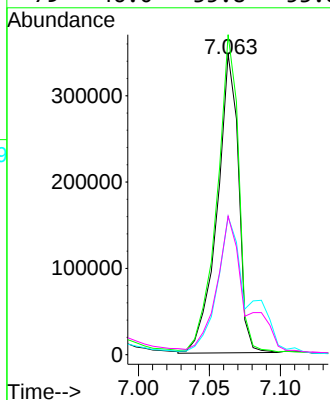
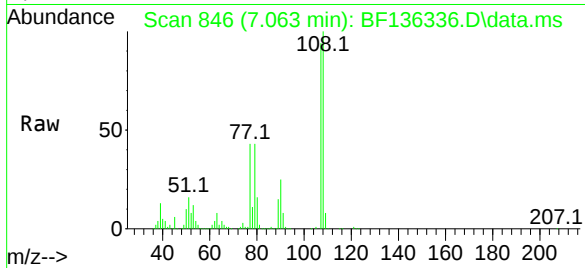




#17
2-Methylphenol
Concen: 44.547 ng
RT: 7.063 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF136336.D
Acq: 01 Dec 2023 14:16

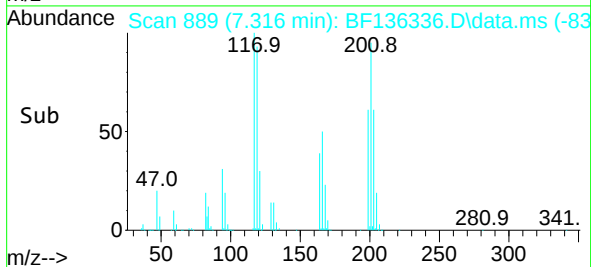
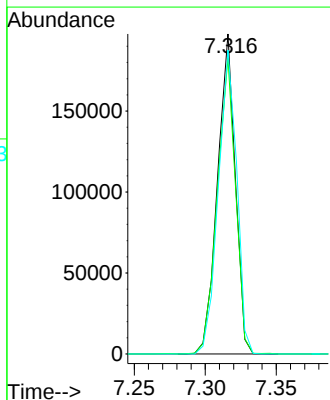
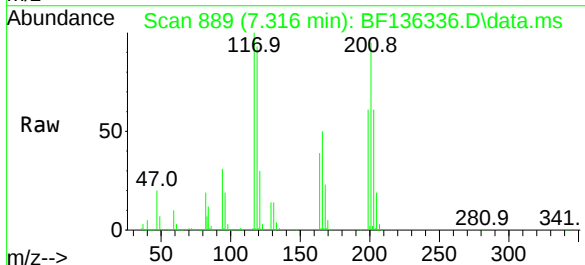
Instrument :
BNA_F
ClientSampleId :
PB157087BS

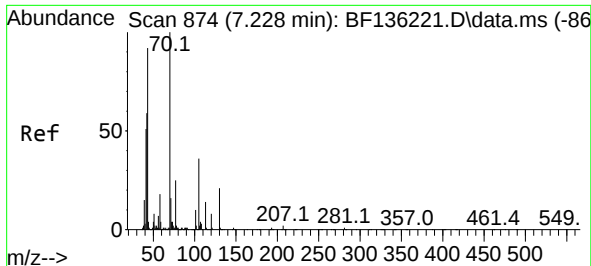
Tgt Ion:107 Resp: 360320
Ion Ratio Lower Upper
107 100
108 106.4 85.4 128.0
77 45.9 37.4 56.2
79 46.0 35.8 53.8



#18
Hexachloroethane
Concen: 41.185 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF136336.D
Acq: 01 Dec 2023 14:16

Tgt Ion:117 Resp: 171470
Ion Ratio Lower Upper
117 100
119 92.6 71.6 107.4
201 94.9 73.4 110.2



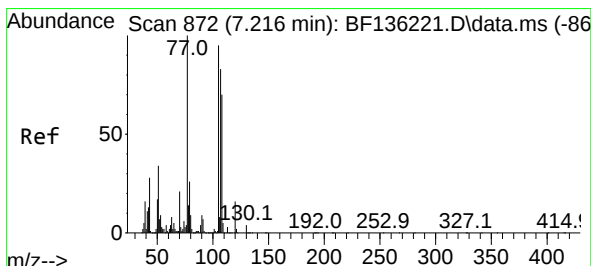
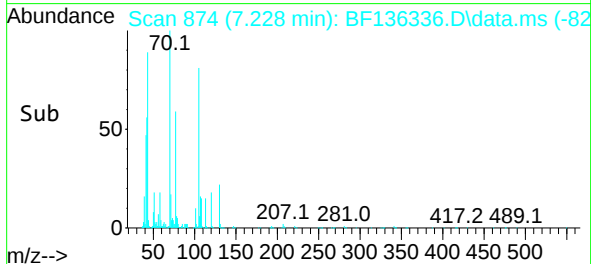
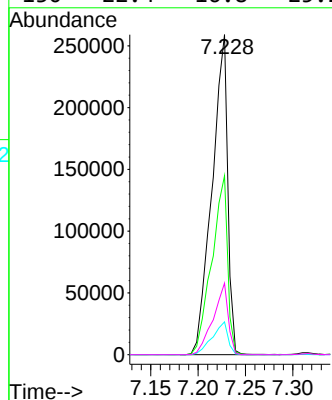
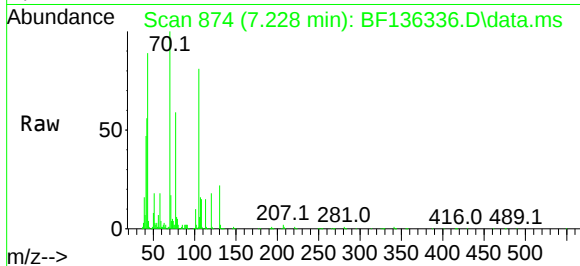


#19
n-Nitroso-di-n-propylamine
Concen: 42.366 ng
RT: 7.228 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136336.D
Acq: 01 Dec 2023 14:16

Instrument :
BNA_F
ClientSampleId :
PB157087BS

Tgt Ion: 70 Resp: 299372

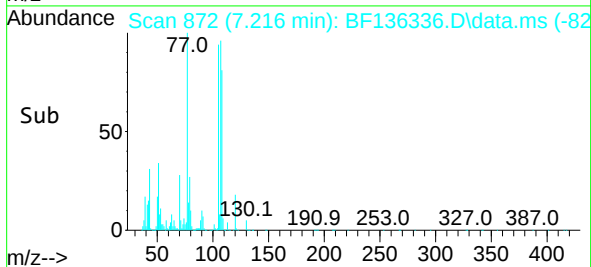
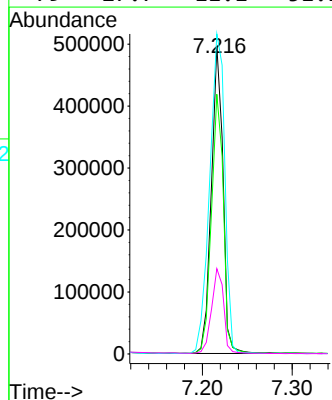
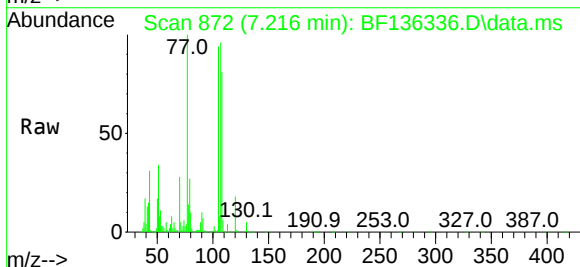
Ion	Ratio	Lower	Upper
70	100		
42	55.9	47.0	70.4
101	10.2	7.8	11.8
130	22.4	16.8	25.2



#20
3+4-Methylphenols
Concen: 42.523 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF136336.D
Acq: 01 Dec 2023 14:16

Tgt Ion: 107 Resp: 447019

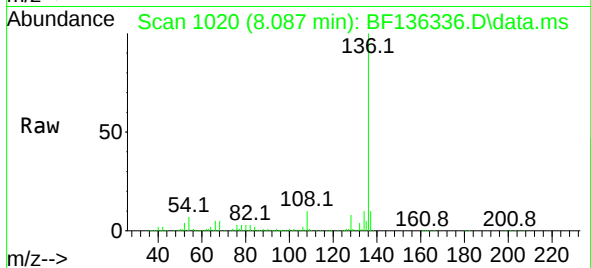
Ion	Ratio	Lower	Upper
107	100		
108	84.4	63.9	103.9
77	103.9	100.2	140.2
79	27.7	11.1	51.1



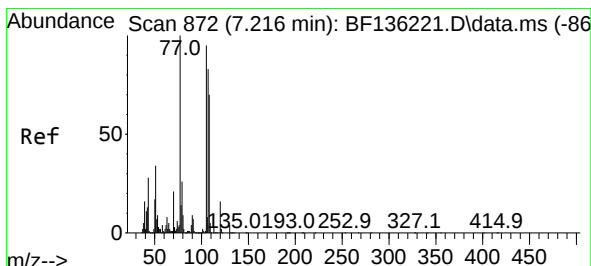
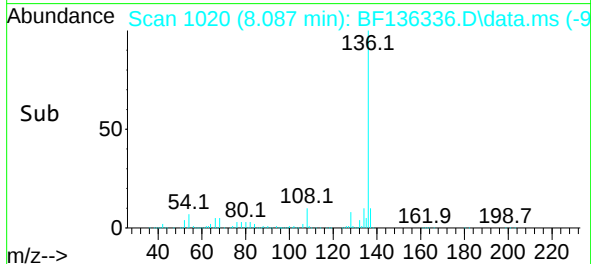
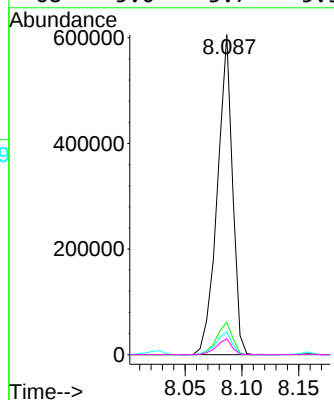


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.087 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BF136336.D
Acq: 01 Dec 2023 14:16

Instrument :
BNA_F
ClientSampleId :
PB157087BS

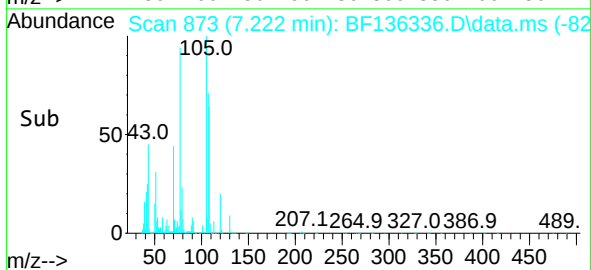
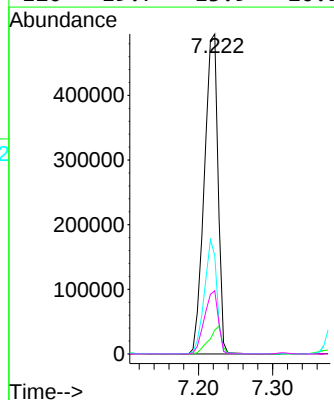
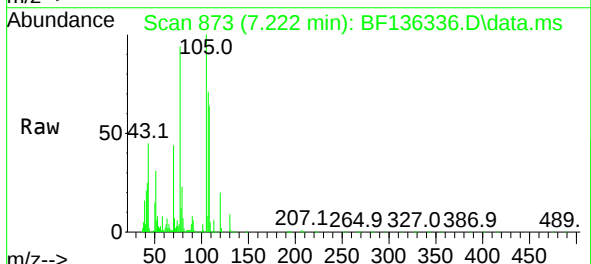


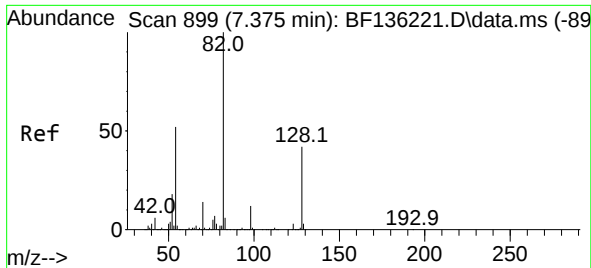
Tgt Ion:	136	Resp:	563461
Ion Ratio	Lower	Upper	
136	100		
137	10.2	7.4	11.2
54	7.1	5.5	8.3
68	5.0	3.7	5.5



#22
Acetophenone
Concen: 43.116 ng
RT: 7.222 min Scan# 873
Delta R.T. 0.006 min
Lab File: BF136336.D
Acq: 01 Dec 2023 14:16

Tgt Ion:	105	Resp:	638041
Ion Ratio	Lower	Upper	
105	100		
71	7.4	2.8	4.2
51	30.8	29.0	43.6
120	19.7	13.9	20.9





#23

Nitrobenzene-d5

Concen: 83.557 ng

RT: 7.375 min Scan# 899

Delta R.T. 0.000 min

Lab File: BF136336.D

Acq: 01 Dec 2023 14:16

Instrument :

BNA_F

ClientSampleId :

PB157087BS

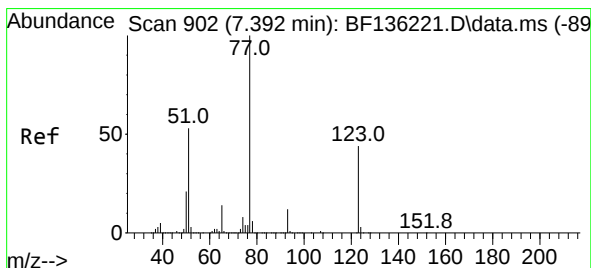
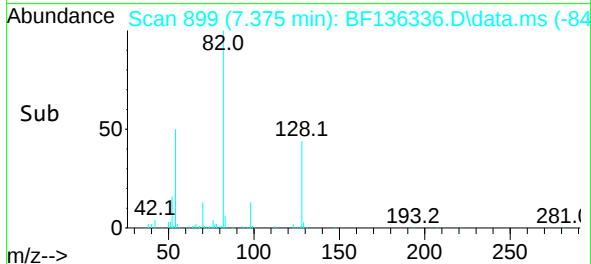
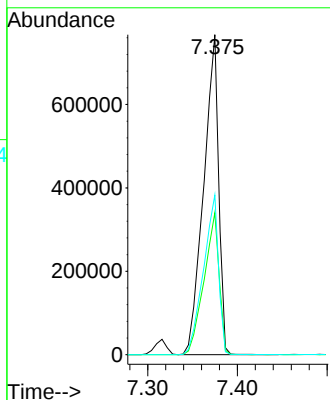
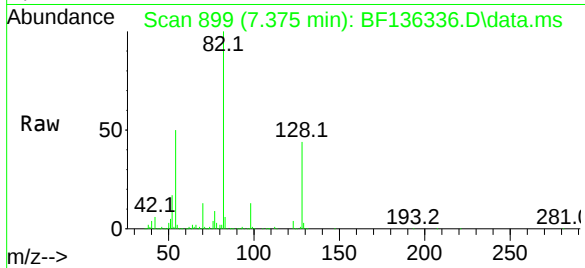
Tgt Ion: 82 Resp: 890954

Ion Ratio Lower Upper

82 100

128 44.4 33.4 50.2

54 49.9 41.7 62.5



#24

Nitrobenzene

Concen: 41.310 ng

RT: 7.392 min Scan# 902

Delta R.T. 0.000 min

Lab File: BF136336.D

Acq: 01 Dec 2023 14:16

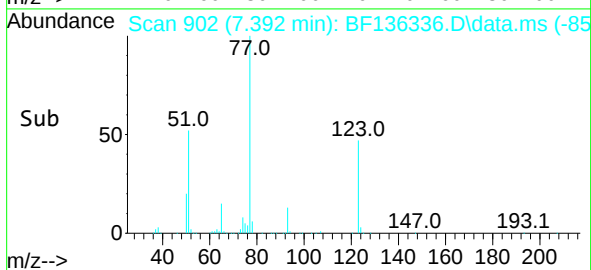
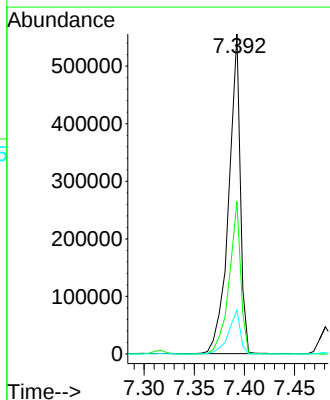
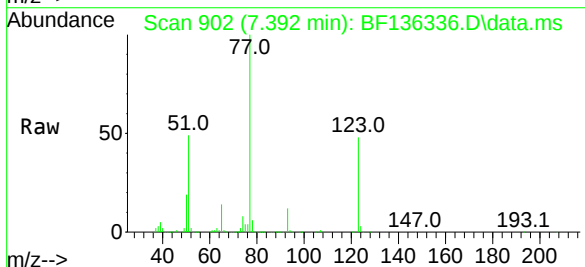
Tgt Ion: 77 Resp: 446383

Ion Ratio Lower Upper

77 100

123 47.7 35.4 53.2

65 13.7 11.0 16.6

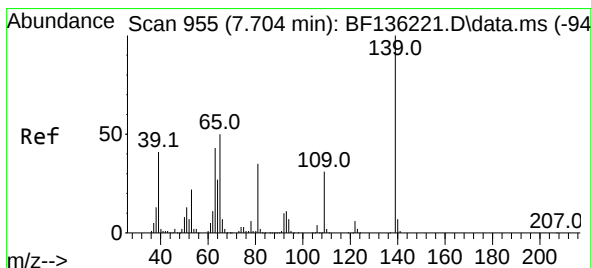
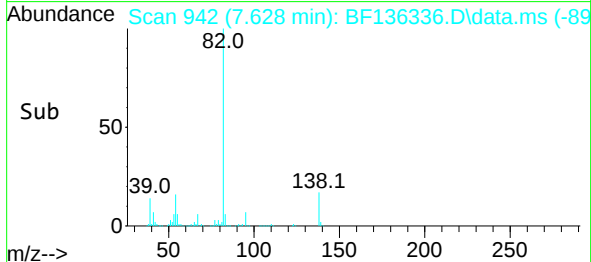
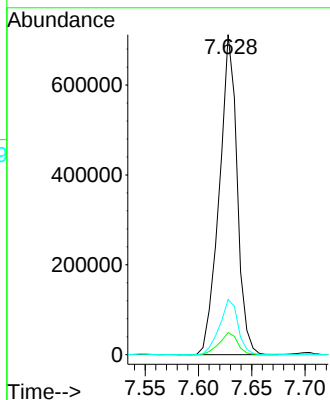
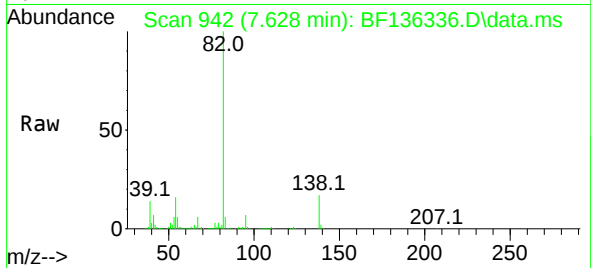




#25
Isophorone
Concen: 43.091 ng
RT: 7.628 min Scan# 942
Delta R.T. 0.000 min
Lab File: BF136336.D
Acq: 01 Dec 2023 14:16

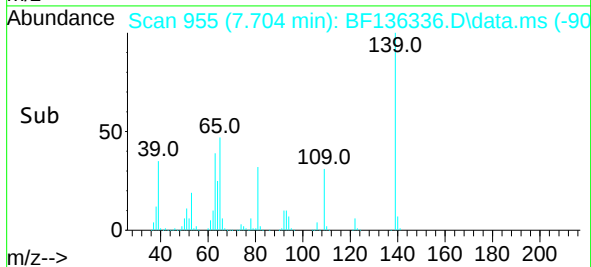
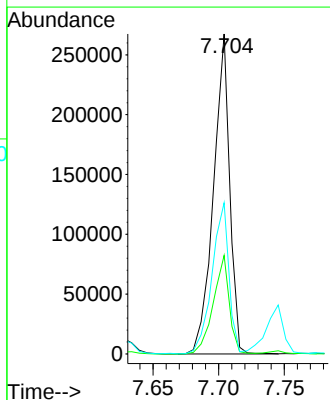
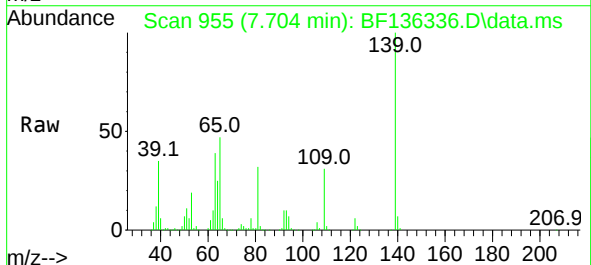
Instrument :
BNA_F
ClientSampleId :
PB157087BS

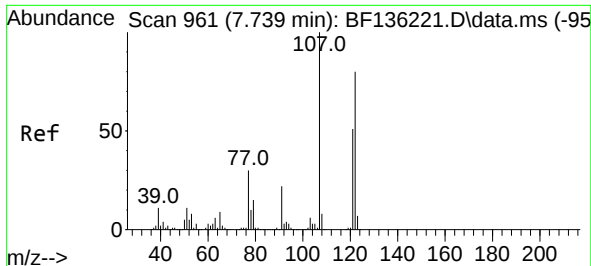
Tgt Ion: 82 Resp: 828495
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 17.3 12.8 19.2



#26
2-Nitrophenol
Concen: 50.030 ng
RT: 7.704 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF136336.D
Acq: 01 Dec 2023 14:16

Tgt Ion: 139 Resp: 230339
Ion Ratio Lower Upper
139 100
109 30.8 25.0 37.6
65 47.3 40.4 60.6





#27

2,4-Dimethylphenol

Concen: 64.327 ng

RT: 7.745 min Scan# 961

Delta R.T. 0.006 min

Lab File: BF136336.D

Acq: 01 Dec 2023 14:16

Instrument :

BNA_F

ClientSampleId :

PB157087BS

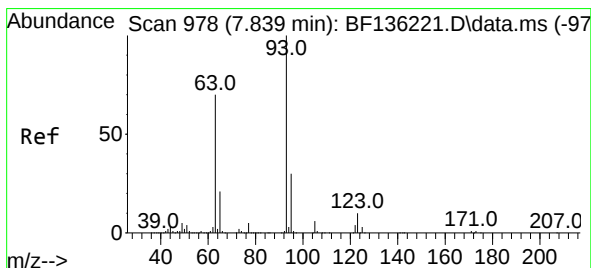
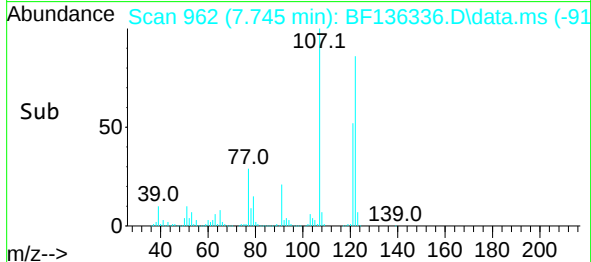
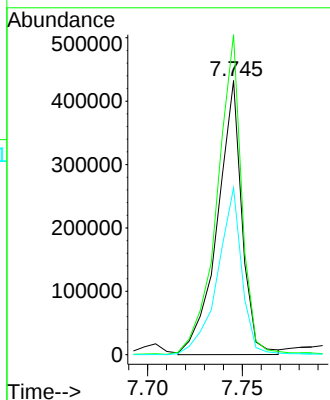
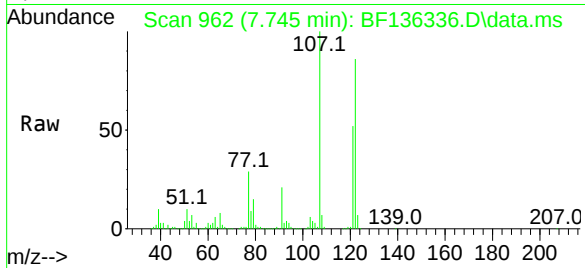
Tgt Ion:122 Resp: 389808

Ion Ratio Lower Upper

122 100

107 116.7 100.0 150.0

121 60.9 50.7 76.1



#28

bis(2-Chloroethoxy)methane

Concen: 44.402 ng

RT: 7.840 min Scan# 978

Delta R.T. 0.000 min

Lab File: BF136336.D

Acq: 01 Dec 2023 14:16

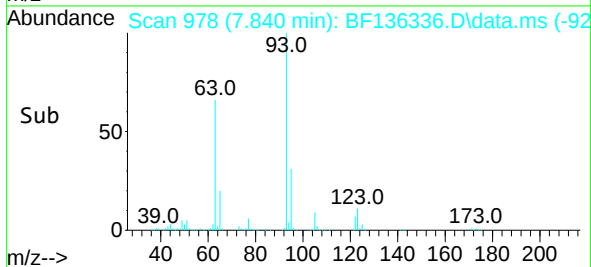
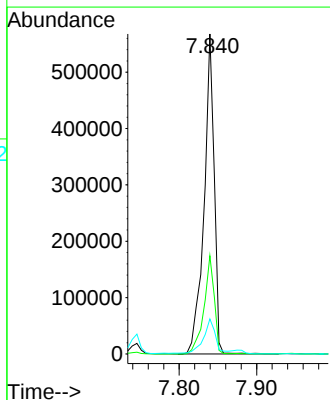
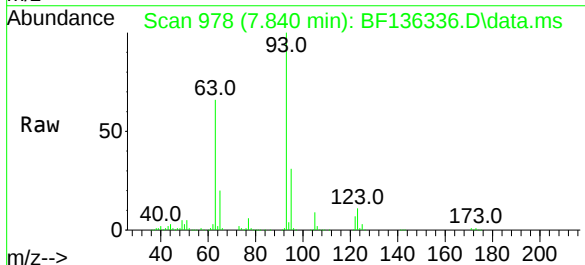
Tgt Ion: 93 Resp: 516380

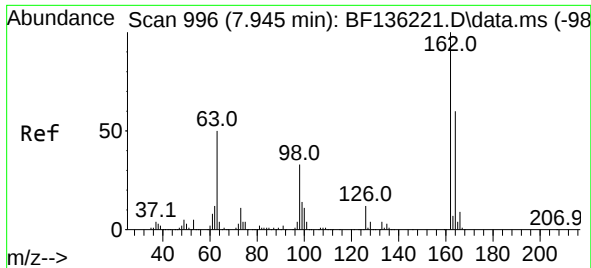
Ion Ratio Lower Upper

93 100

95 30.7 23.8 35.6

123 11.0 8.2 12.4





#29

2,4-Dichlorophenol

Concen: 45.570 ng

RT: 7.945 min Scan# 996

Delta R.T. 0.000 min

Lab File: BF136336.D

Acq: 01 Dec 2023 14:16

Instrument :

BNA_F

ClientSampleId :

PB157087BS

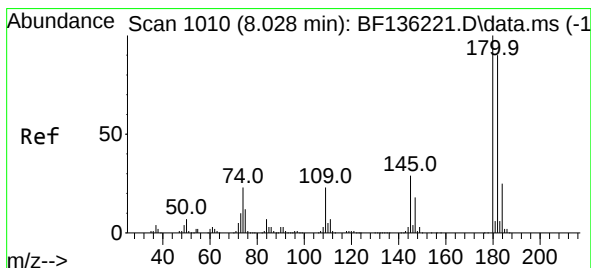
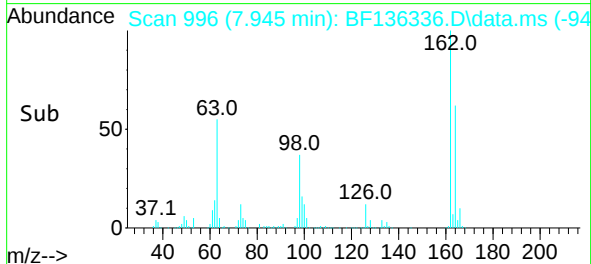
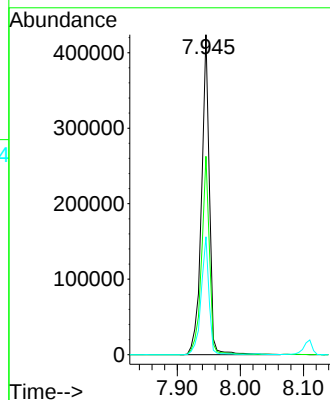
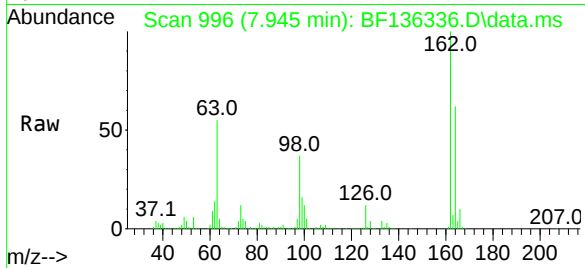
Tgt Ion:162 Resp: 372472

Ion Ratio Lower Upper

162 100

164 62.0 40.3 80.3

98 36.9 13.0 53.0



#30

1,2,4-Trichlorobenzene

Concen: 41.433 ng

RT: 8.028 min Scan# 1010

Delta R.T. 0.000 min

Lab File: BF136336.D

Acq: 01 Dec 2023 14:16

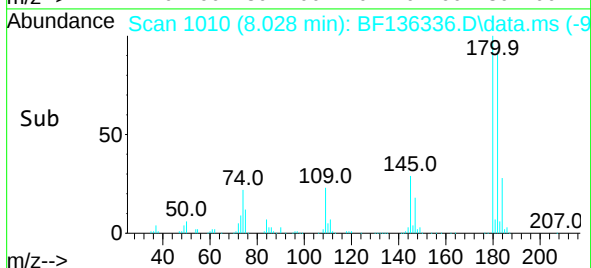
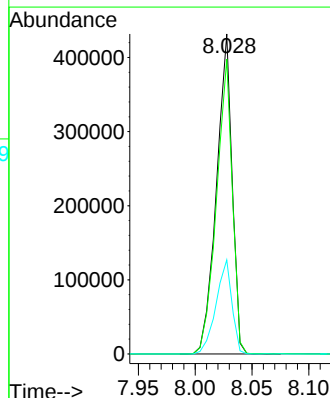
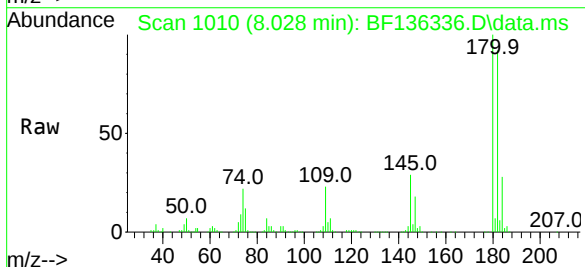
Tgt Ion:180 Resp: 414625

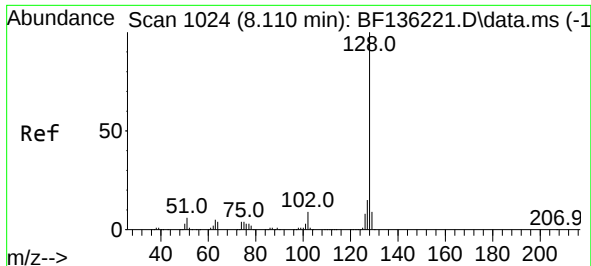
Ion Ratio Lower Upper

180 100

182 92.1 71.6 107.4

145 29.4 23.0 34.4

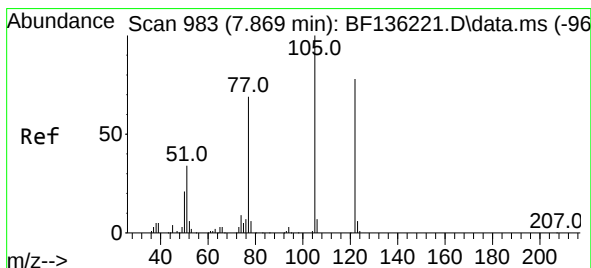
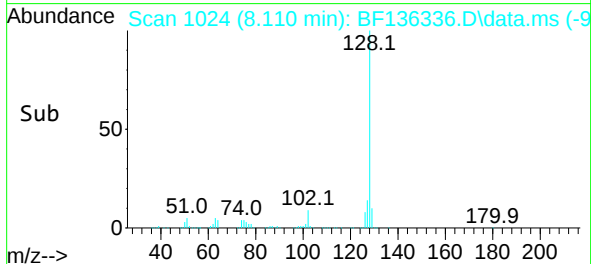
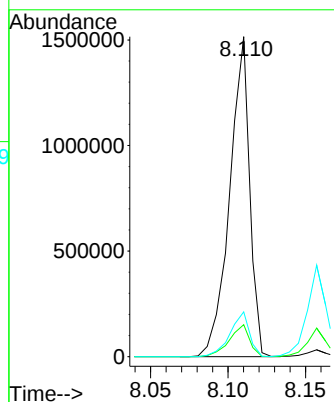
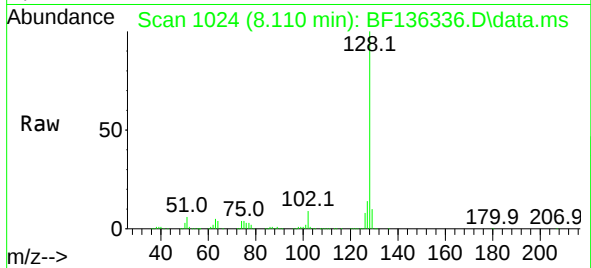




#31
Naphthalene
Concen: 42.910 ng
RT: 8.110 min Scan# 1024
Delta R.T. 0.000 min
Lab File: BF136336.D
Acq: 01 Dec 2023 14:16

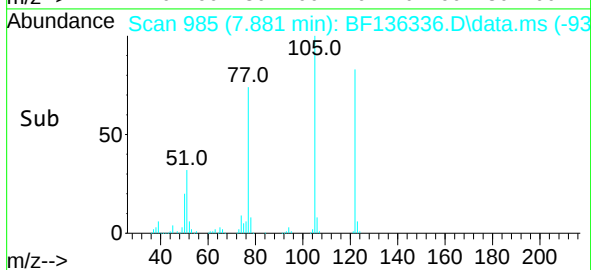
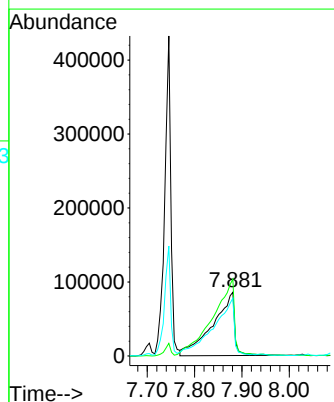
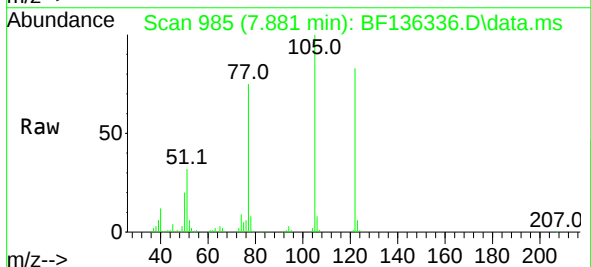
Instrument :
BNA_F
ClientSampleId :
PB157087BS

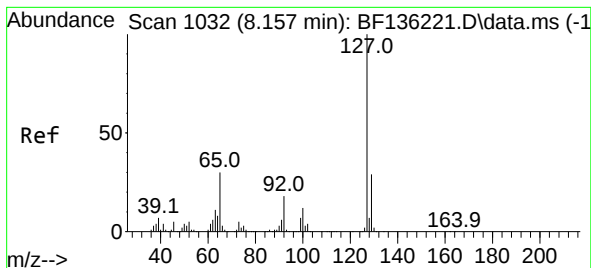
Tgt Ion:128 Resp: 1359013
Ion Ratio Lower Upper
128 100
129 10.0 7.3 10.9
127 14.0 11.8 17.6



#32
Benzoic acid
Concen: 49.686 ng
RT: 7.881 min Scan# 985
Delta R.T. 0.012 min
Lab File: BF136336.D
Acq: 01 Dec 2023 14:16

Tgt Ion:122 Resp: 274402
Ion Ratio Lower Upper
122 100
105 120.7 103.7 143.7
77 90.5 66.8 106.8





#33

4-Chloroaniline

Concen: 34.649 ng

RT: 8.157 min Scan# 1032

Delta R.T. 0.000 min

Lab File: BF136336.D

Acq: 01 Dec 2023 14:16

Instrument :

BNA_F

ClientSampleId :

PB157087BS

Tgt Ion:127 Resp: 373016

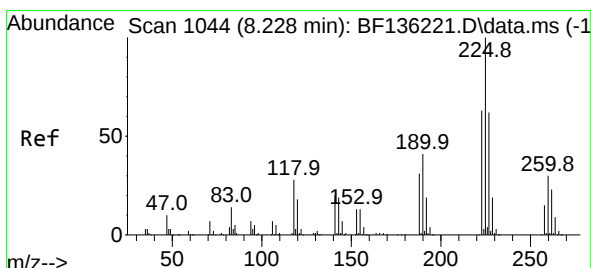
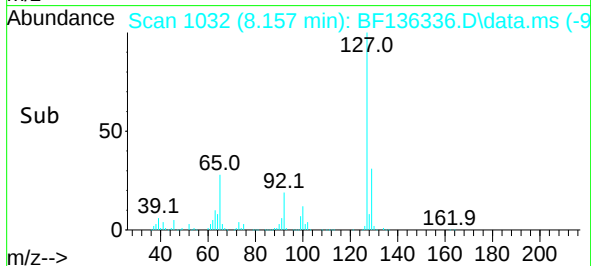
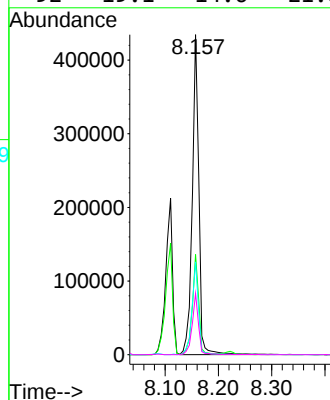
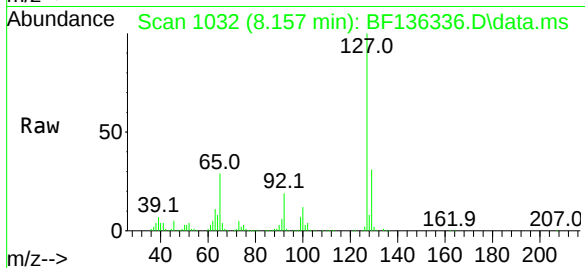
Ion Ratio Lower Upper

127 100

129 31.3 23.4 35.2

65 29.0 23.8 35.6

92 19.1 14.6 21.8



#34

Hexachlorobutadiene

Concen: 40.819 ng

RT: 8.222 min Scan# 1043

Delta R.T. -0.006 min

Lab File: BF136336.D

Acq: 01 Dec 2023 14:16

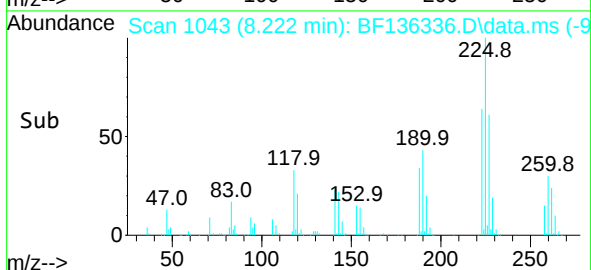
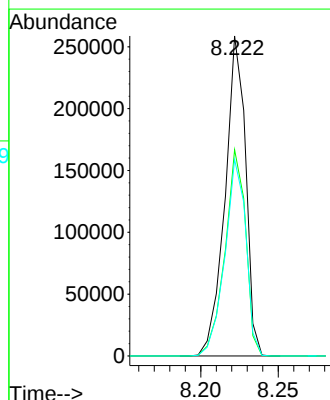
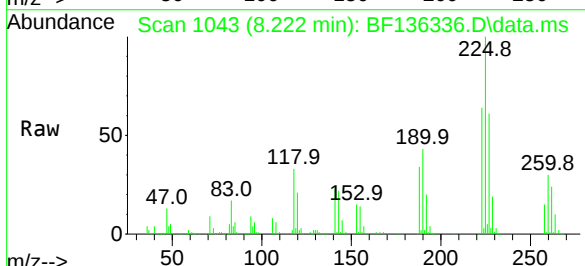
Tgt Ion:225 Resp: 238977

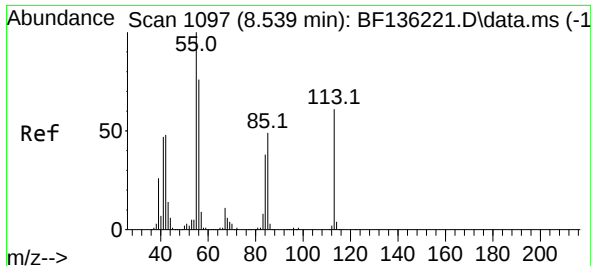
Ion Ratio Lower Upper

225 100

223 64.4 50.6 75.8

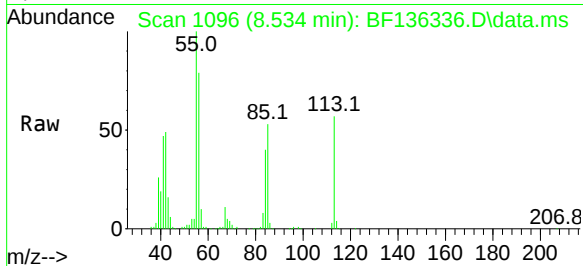
227 61.4 49.6 74.4



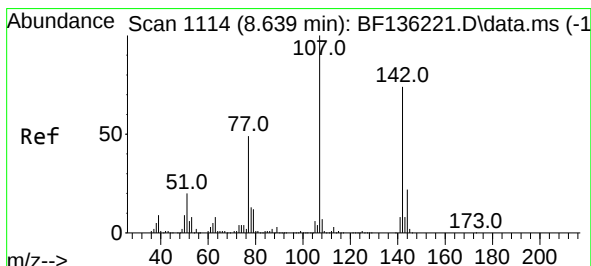
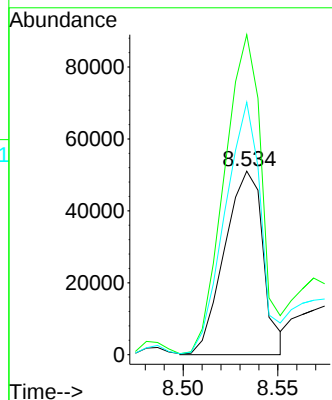
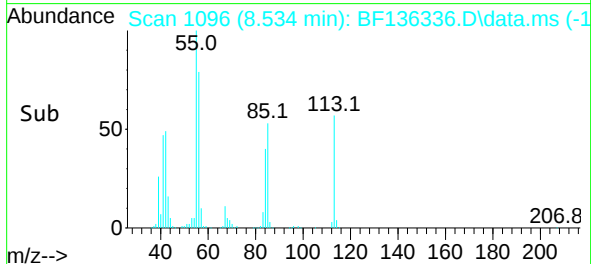


#35
Caprolactam
Concen: 31.795 ng
RT: 8.534 min Scan# 1096
Delta R.T. -0.006 min
Lab File: BF136336.D
Acq: 01 Dec 2023 14:16

Instrument :
BNA_F
ClientSampleId :
PB157087BS

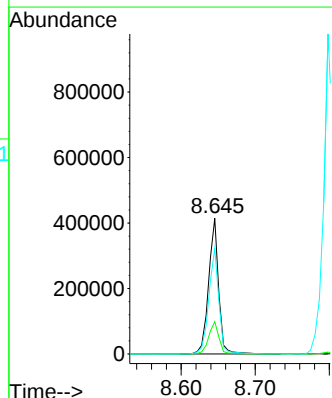
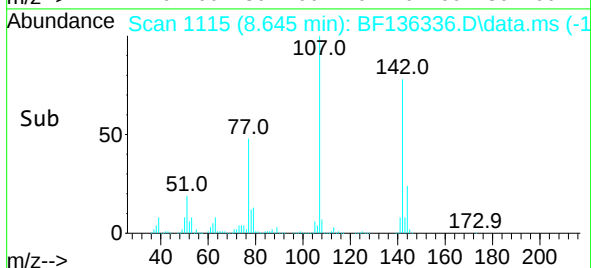
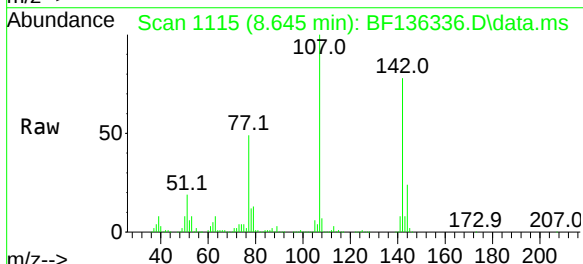


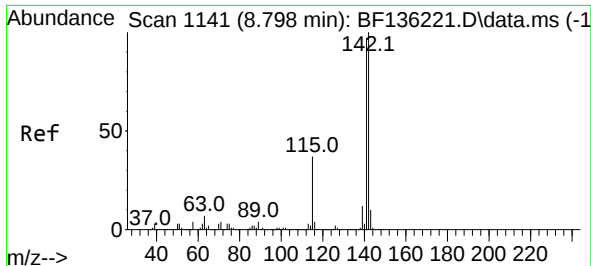
Tgt Ion:113 Resp: 72649
Ion Ratio Lower Upper
113 100
55 174.3 143.1 183.1
56 137.5 103.6 143.6



#36
4-Chloro-3-methylphenol
Concen: 43.969 ng
RT: 8.645 min Scan# 1115
Delta R.T. 0.006 min
Lab File: BF136336.D
Acq: 01 Dec 2023 14:16

Tgt Ion:107 Resp: 389780
Ion Ratio Lower Upper
107 100
144 23.8 17.8 26.8
142 77.8 59.4 89.0





#37

2-Methylnaphthalene

Concen: 43.114 ng

RT: 8.798 min Scan# 1141

Delta R.T. 0.000 min

Lab File: BF136336.D

Acq: 01 Dec 2023 14:16

Instrument :

BNA_F

ClientSampleId :

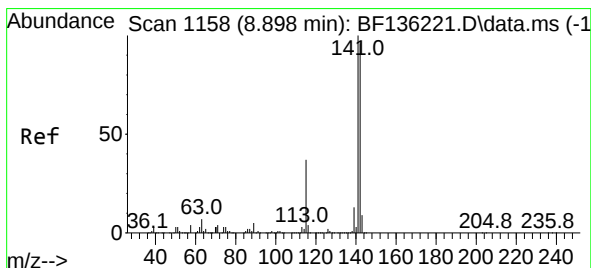
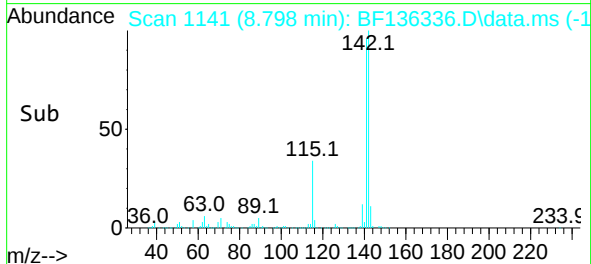
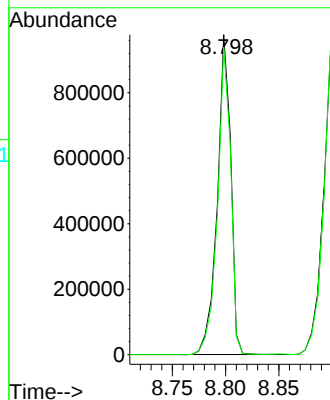
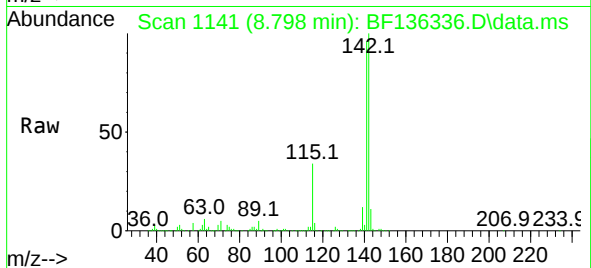
PB157087BS

Tgt Ion:142 Resp: 856540

Ion Ratio Lower Upper

142 100

141 96.1 77.8 116.8



#38

1-Methylnaphthalene

Concen: 40.829 ng

RT: 8.898 min Scan# 1158

Delta R.T. 0.000 min

Lab File: BF136336.D

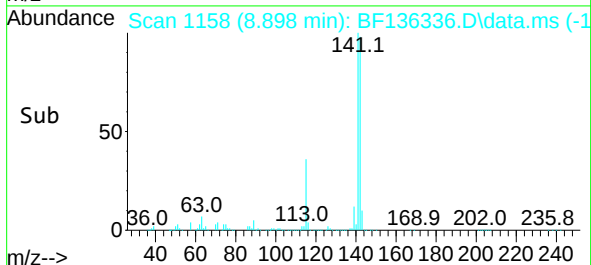
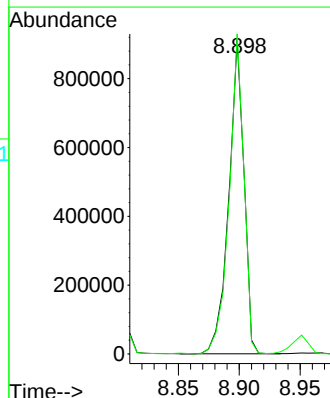
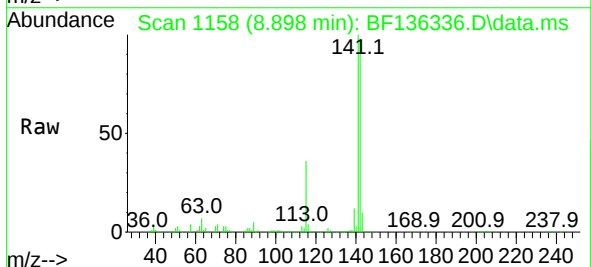
Acq: 01 Dec 2023 14:16

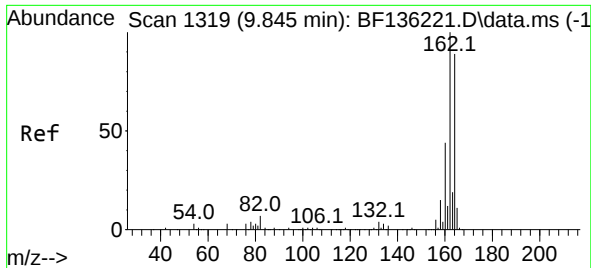
Tgt Ion:142 Resp: 791277

Ion Ratio Lower Upper

142 100

141 101.8 83.8 125.6

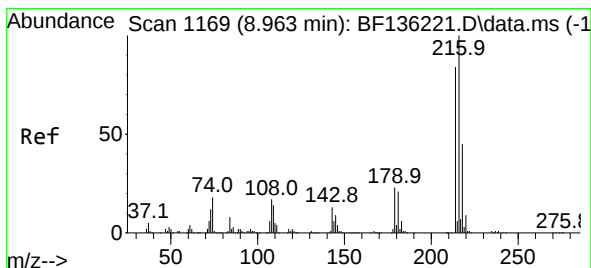
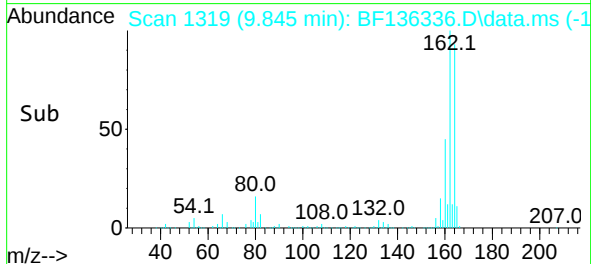
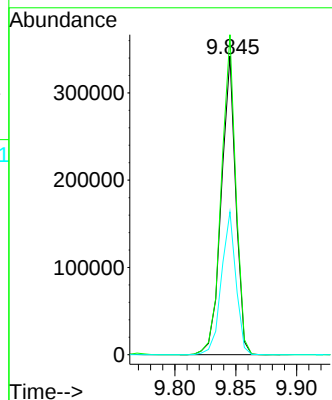
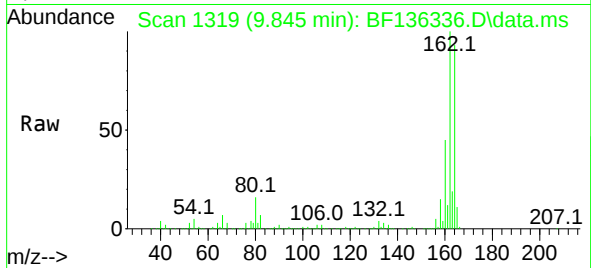




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF136336.D
Acq: 01 Dec 2023 14:16

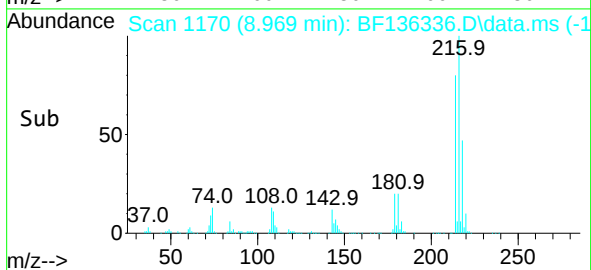
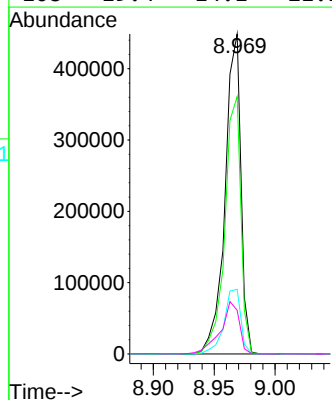
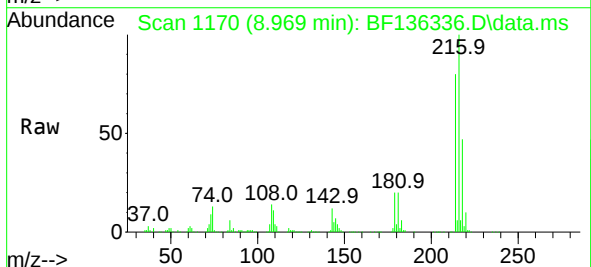
Instrument :
BNA_F
ClientSampleId :
PB157087BS

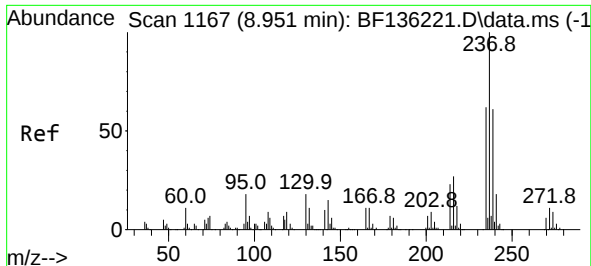
Tgt Ion:164 Resp: 284394
Ion Ratio Lower Upper
164 100
162 107.1 89.5 134.3
160 47.8 39.6 59.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.990 ng
RT: 8.969 min Scan# 1170
Delta R.T. 0.006 min
Lab File: BF136336.D
Acq: 01 Dec 2023 14:16

Tgt Ion:216 Resp: 407202
Ion Ratio Lower Upper
216 100
214 81.4 65.8 98.8
179 21.4 17.4 26.0
108 19.4 14.1 21.1

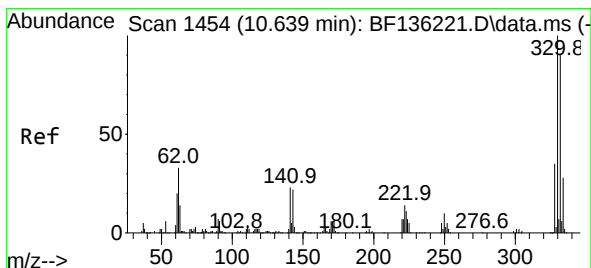
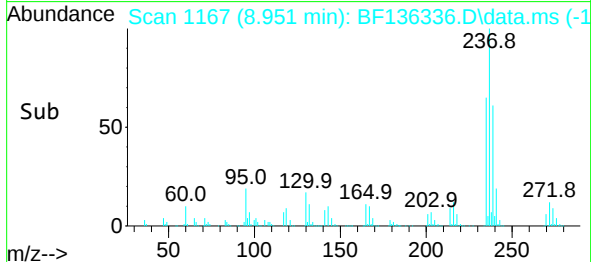
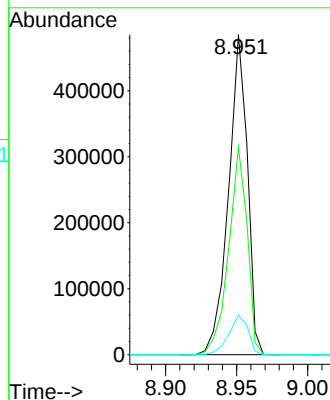
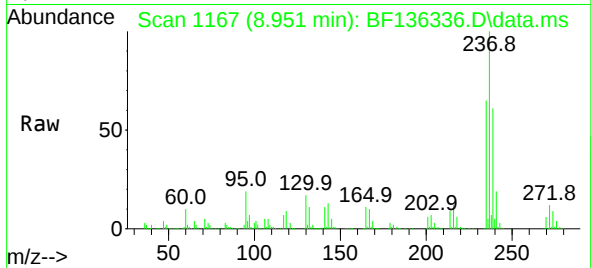




#41
Hexachlorocyclopentadiene
Concen: 128.862 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF136336.D
Acq: 01 Dec 2023 14:16

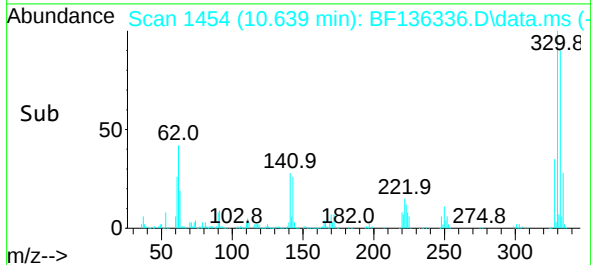
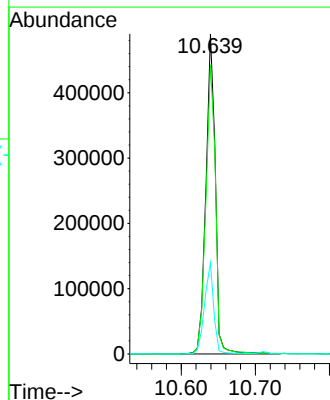
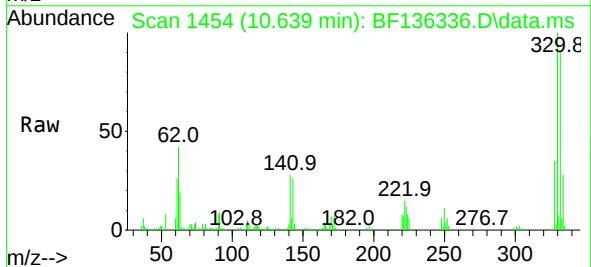
Instrument :
BNA_F
ClientSampleId :
PB157087BS

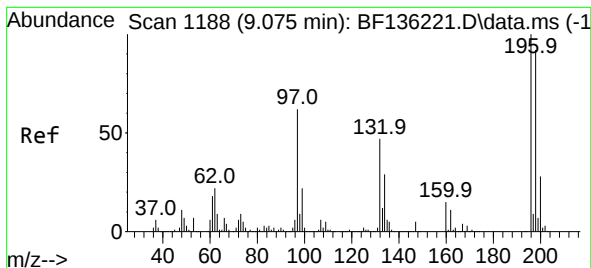
Tgt Ion:237 Resp: 448778
Ion Ratio Lower Upper
237 100
235 64.9 42.1 82.1
272 12.4 0.0 31.0



#42
2,4,6-Tribromophenol
Concen: 124.356 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF136336.D
Acq: 01 Dec 2023 14:16

Tgt Ion:330 Resp: 432380
Ion Ratio Lower Upper
330 100
332 93.5 73.0 109.6
141 28.2 24.2 36.2





#43

2,4,6-Trichlorophenol

Concen: 45.359 ng

RT: 9.081 min Scan# 1188

Delta R.T. 0.006 min

Lab File: BF136336.D

Acq: 01 Dec 2023 14:16

Instrument :

BNA_F

ClientSampleId :

PB157087BS

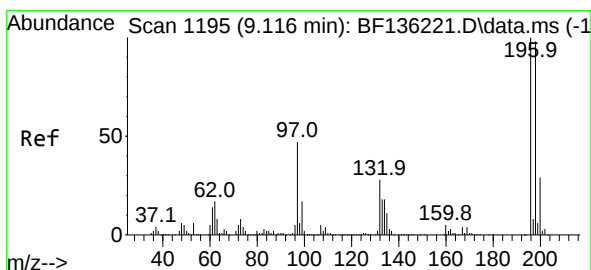
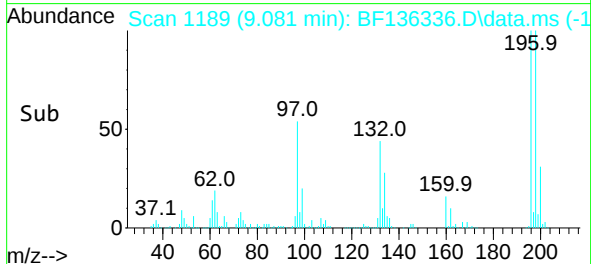
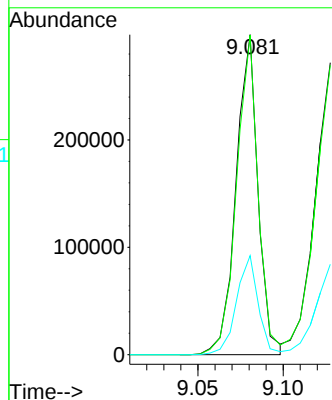
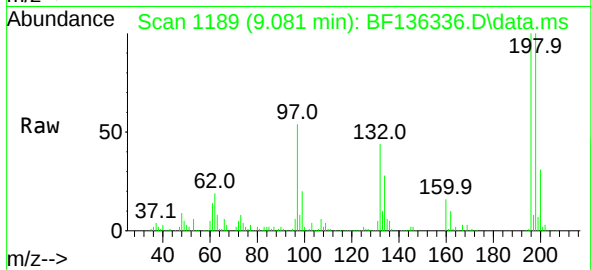
Tgt Ion:196 Resp: 266465

Ion Ratio Lower Upper

196 100

198 99.8 73.2 109.8

200 31.0 22.4 33.6



#44

2,4,5-Trichlorophenol

Concen: 43.742 ng

RT: 9.128 min Scan# 1197

Delta R.T. 0.012 min

Lab File: BF136336.D

Acq: 01 Dec 2023 14:16

Tgt Ion:196 Resp: 280429

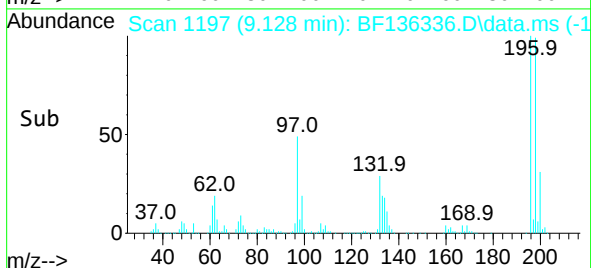
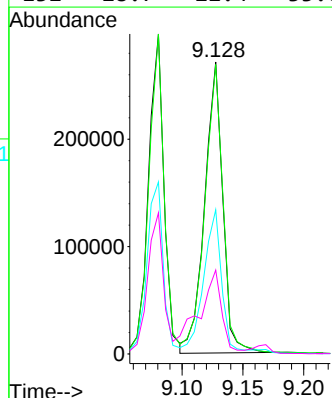
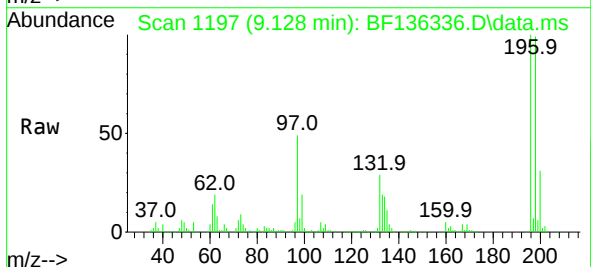
Ion Ratio Lower Upper

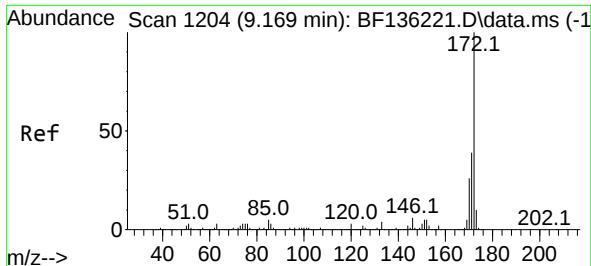
196 100

198 99.1 78.8 118.2

97 49.4 37.8 56.8

132 28.7 22.4 33.6

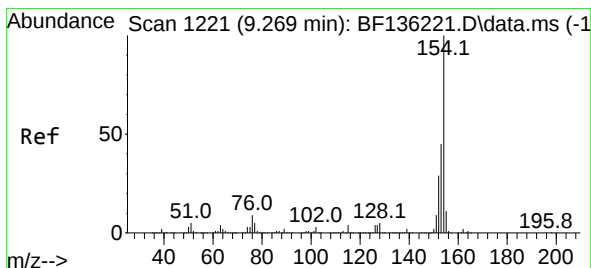
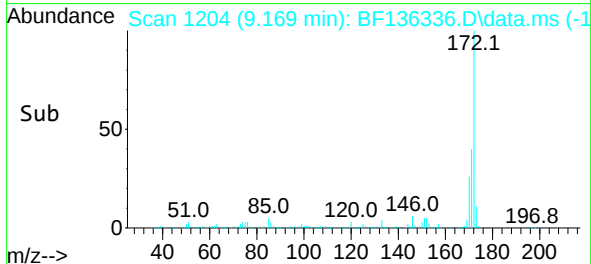
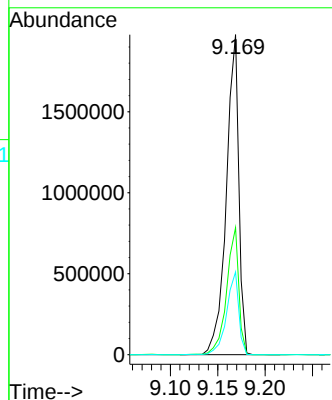
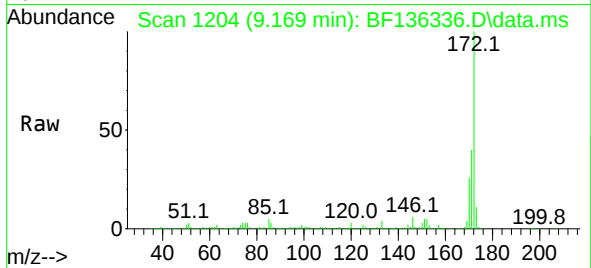




#45
2-Fluorobiphenyl
Concen: 81.900 ng
RT: 9.169 min Scan# 1204
Delta R.T. 0.000 min
Lab File: BF136336.D
Acq: 01 Dec 2023 14:16

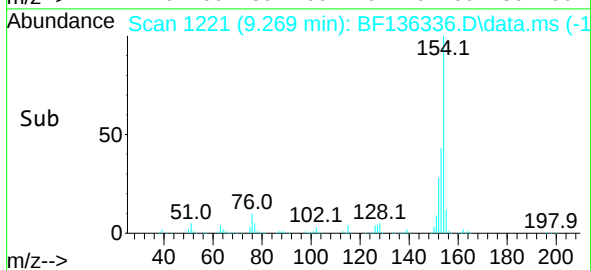
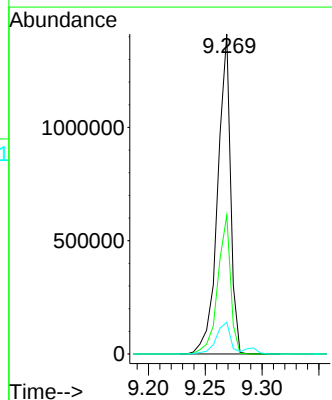
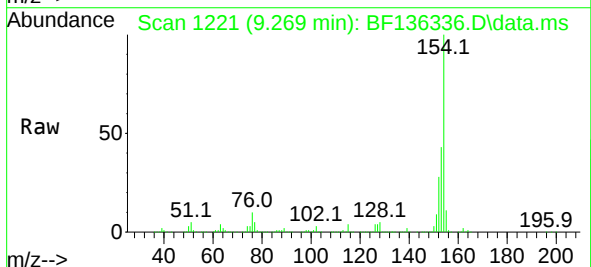
Instrument :
BNA_F
ClientSampleId :
PB157087BS

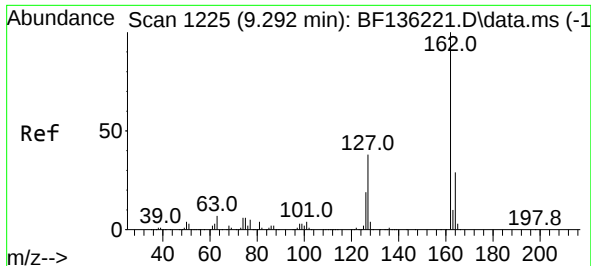
Tgt Ion:172 Resp: 1823515
Ion Ratio Lower Upper
172 100
171 39.7 31.5 47.3
170 25.9 20.8 31.2



#46
1,1'-Biphenyl
Concen: 44.431 ng
RT: 9.269 min Scan# 1221
Delta R.T. 0.000 min
Lab File: BF136336.D
Acq: 01 Dec 2023 14:16

Tgt Ion:154 Resp: 1114308
Ion Ratio Lower Upper
154 100
153 43.3 24.6 64.6
76 9.9 0.0 29.4

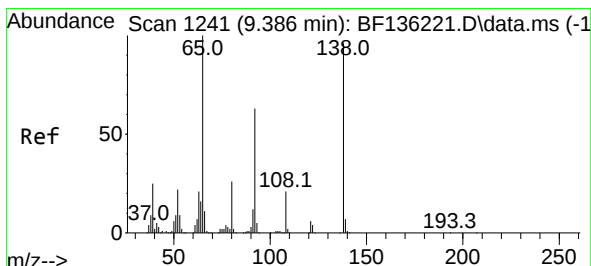
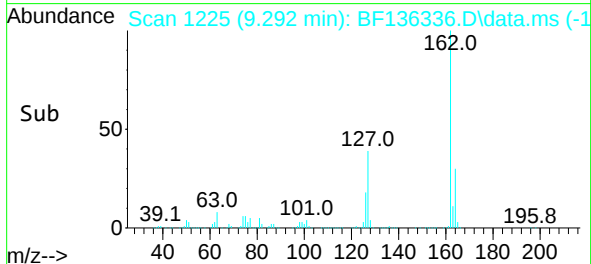
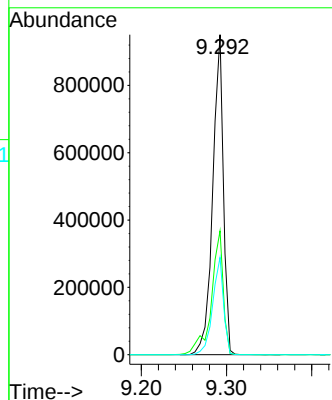
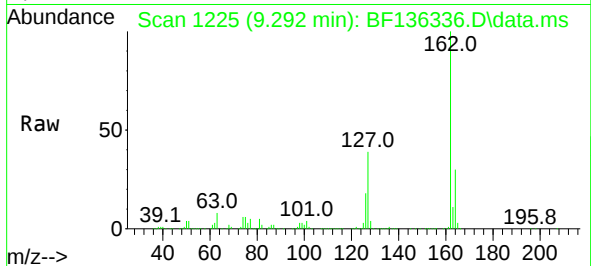




#47
2-Chloronaphthalene
Concen: 42.499 ng
RT: 9.292 min Scan# 1225
Delta R.T. 0.000 min
Lab File: BF136336.D
Acq: 01 Dec 2023 14:16

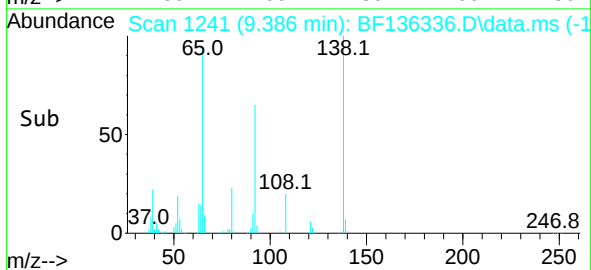
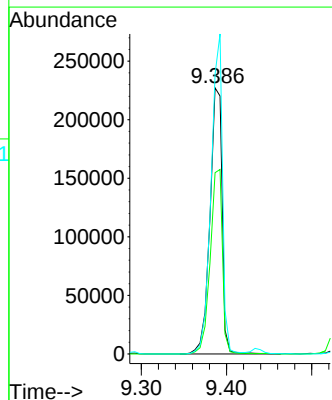
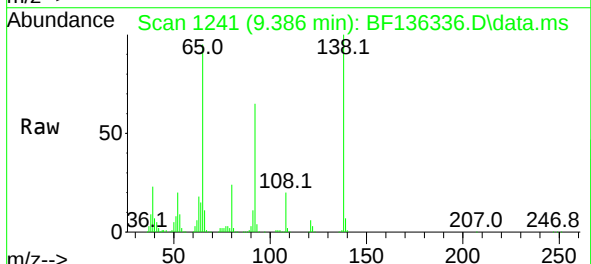
Instrument :
BNA_F
ClientSampleId :
PB157087BS

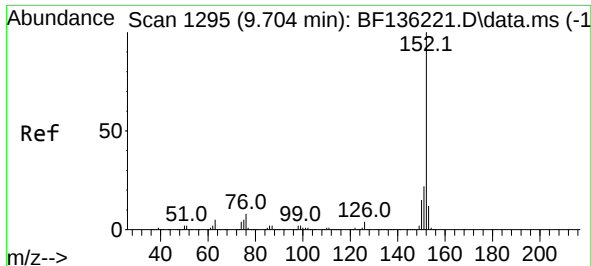
Tgt Ion:162 Resp: 827718
Ion Ratio Lower Upper
162 100
127 38.7 30.2 45.2
164 30.4 22.8 34.2



#48
2-Nitroaniline
Concen: 44.442 ng
RT: 9.386 min Scan# 1241
Delta R.T. 0.000 min
Lab File: BF136336.D
Acq: 01 Dec 2023 14:16

Tgt Ion: 65 Resp: 225982
Ion Ratio Lower Upper
65 100
92 68.1 50.6 75.8
138 105.2 76.7 115.1





#49

Acenaphthylene

Concen: 44.819 ng

RT: 9.710 min Scan# 1295

Delta R.T. 0.006 min

Lab File: BF136336.D

Acq: 01 Dec 2023 14:16

Instrument :

BNA_F

ClientSampleId :

PB157087BS

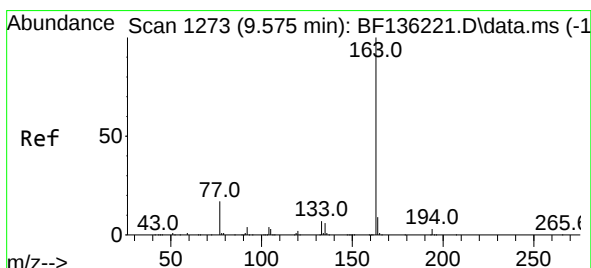
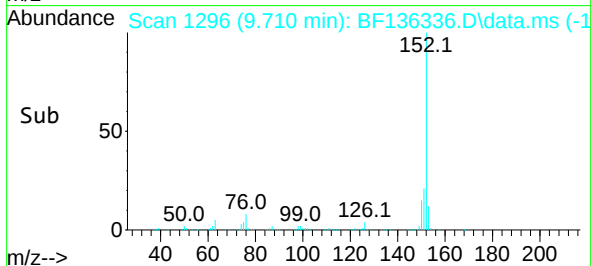
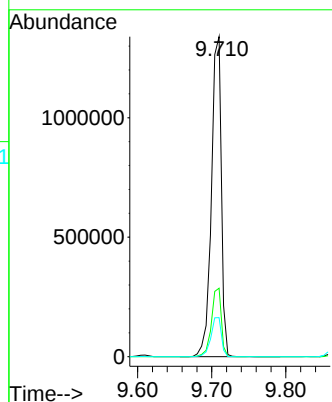
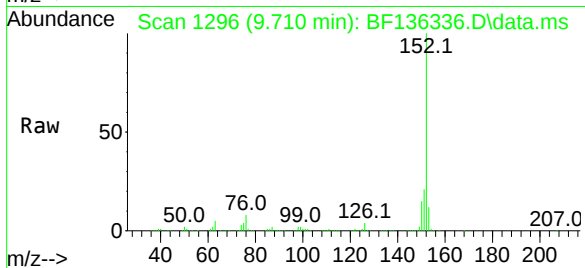
Tgt Ion:152 Resp: 1245684

Ion Ratio Lower Upper

152 100

151 21.4 17.5 26.3

153 12.2 9.6 14.4



#50

Dimethylphthalate

Concen: 43.679 ng

RT: 9.575 min Scan# 1273

Delta R.T. 0.000 min

Lab File: BF136336.D

Acq: 01 Dec 2023 14:16

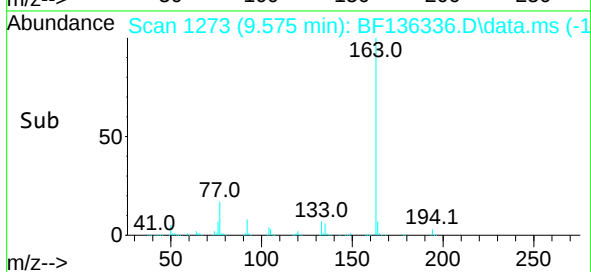
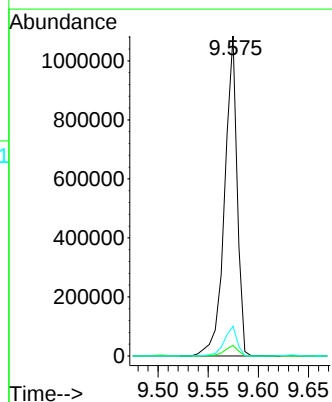
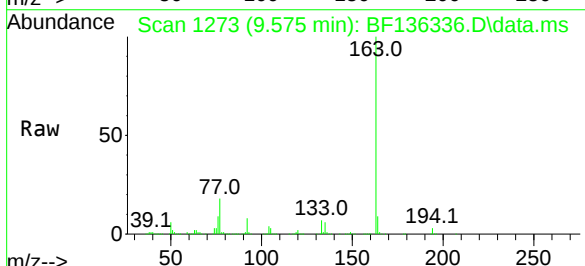
Tgt Ion:163 Resp: 938882

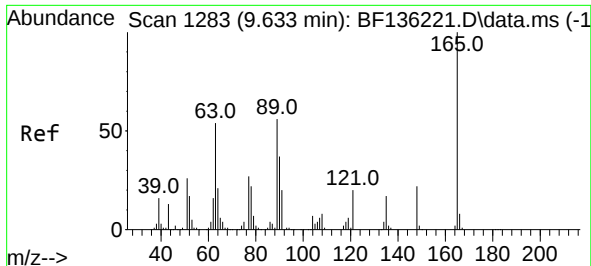
Ion Ratio Lower Upper

163 100

194 3.3 2.5 3.7

164 9.3 7.0 10.6

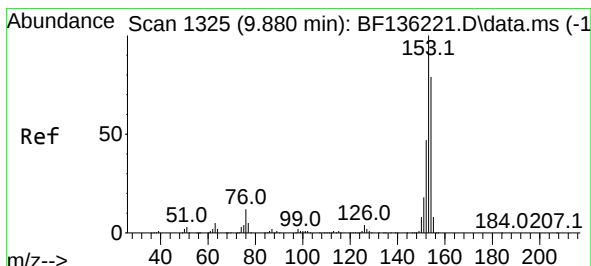
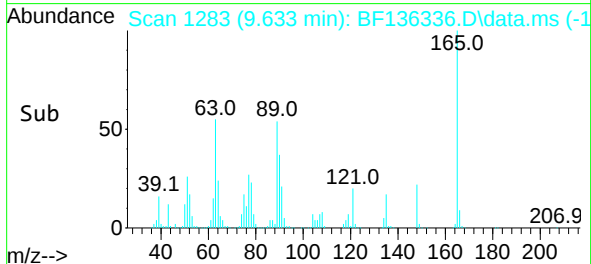
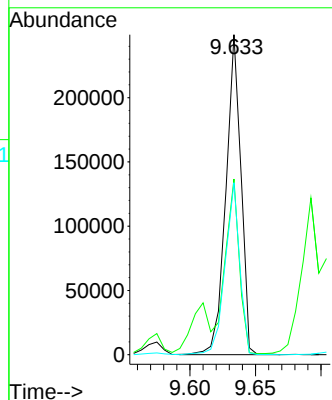
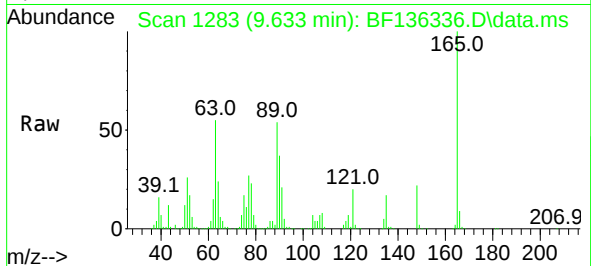




#51
2,6-Dinitrotoluene
Concen: 45.206 ng
RT: 9.633 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BF136336.D
Acq: 01 Dec 2023 14:16

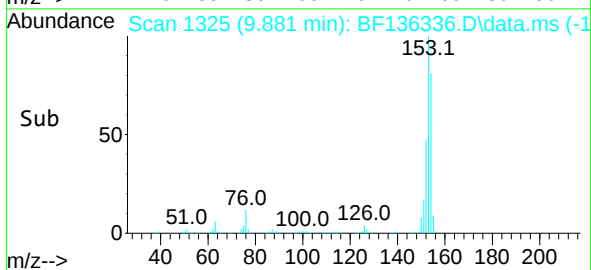
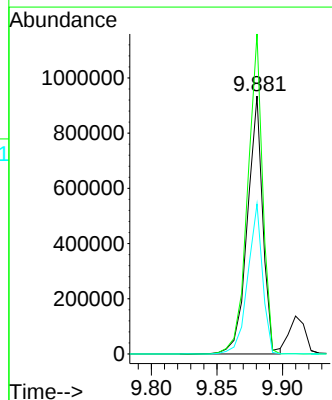
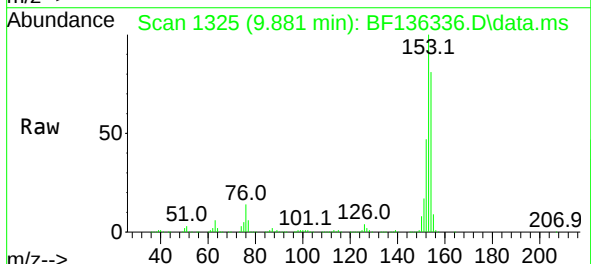
Instrument :
BNA_F
ClientSampleId :
PB157087BS

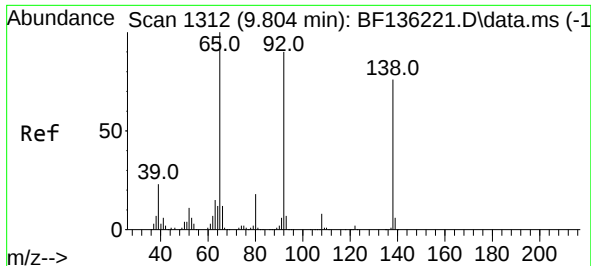
Tgt Ion:165 Resp: 198513
Ion Ratio Lower Upper
165 100
63 54.9 46.2 69.2
89 53.7 44.9 67.3



#52
Acenaphthene
Concen: 43.364 ng
RT: 9.881 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF136336.D
Acq: 01 Dec 2023 14:16

Tgt Ion:154 Resp: 761648
Ion Ratio Lower Upper
154 100
153 124.1 100.8 151.2
152 58.1 47.0 70.6

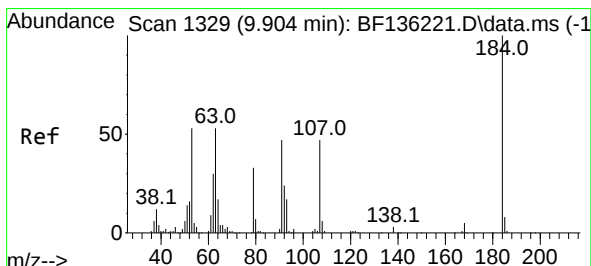
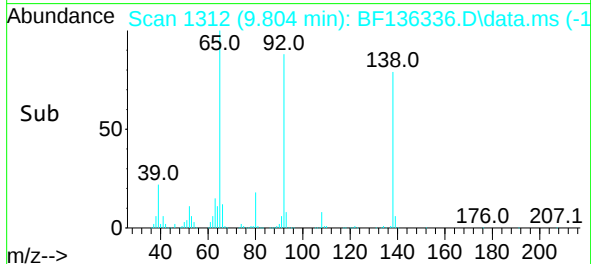
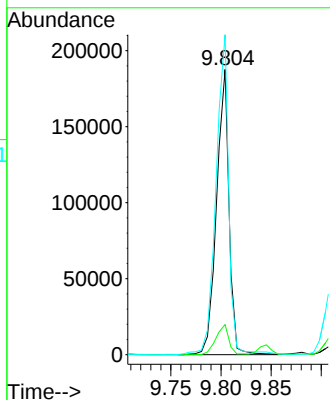
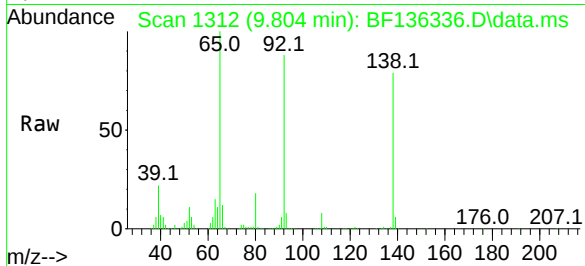




#53
3-Nitroaniline
Concen: 37.185 ng
RT: 9.804 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136336.D
Acq: 01 Dec 2023 14:16

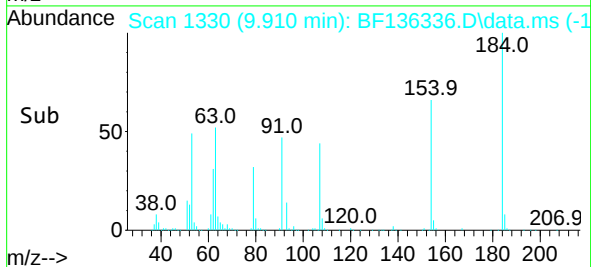
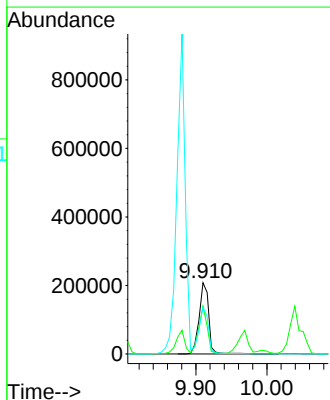
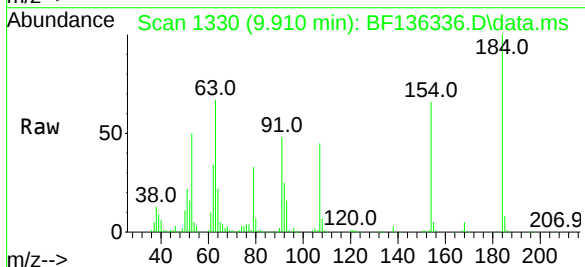
Instrument :
BNA_F
ClientSampleId :
PB157087BS

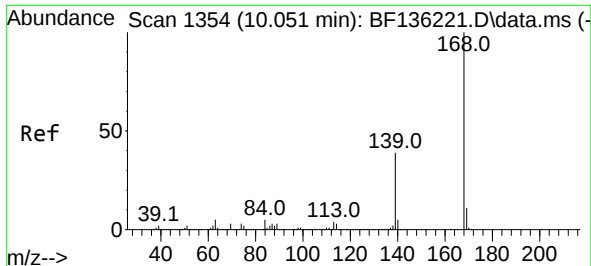
Tgt Ion:138 Resp: 162022
Ion Ratio Lower Upper
138 100
108 10.6 8.7 13.1
92 112.2 94.2 141.4



#54
2,4-Dinitrophenol
Concen: 96.161 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF136336.D
Acq: 01 Dec 2023 14:16

Tgt Ion:184 Resp: 196392
Ion Ratio Lower Upper
184 100
63 67.2 55.0 82.4
154 66.1 54.9 82.3

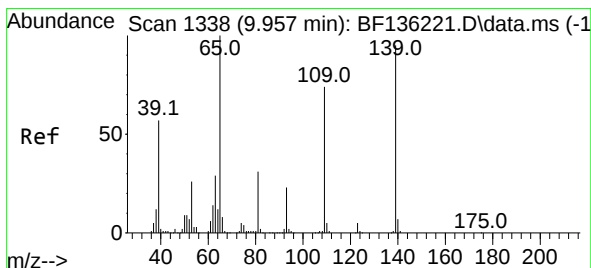
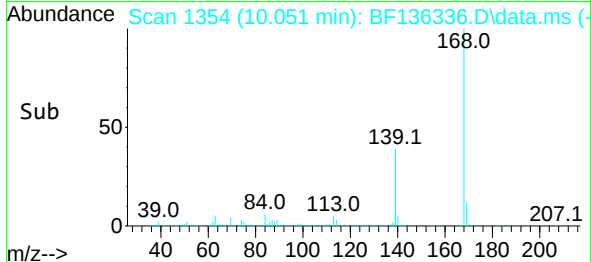
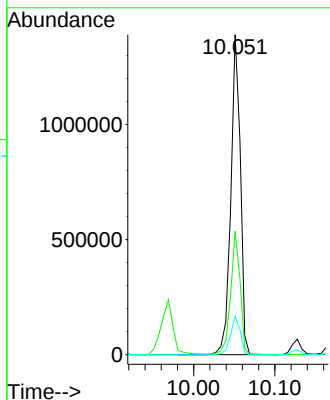
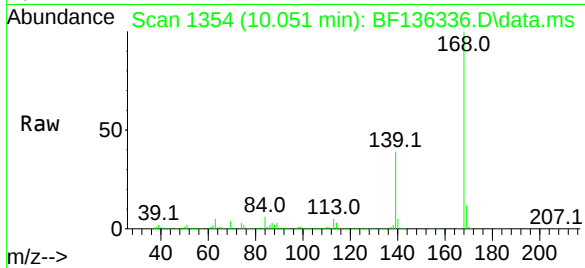




#55
Dibenzenofuran
Concen: 43.265 ng
RT: 10.051 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136336.D
Acq: 01 Dec 2023 14:16

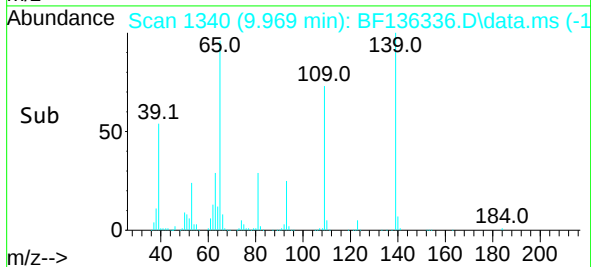
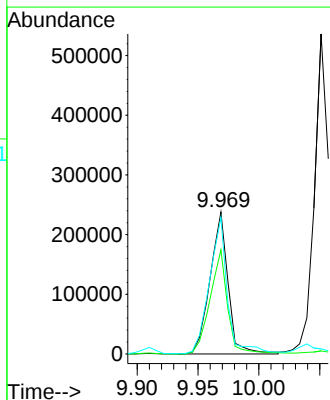
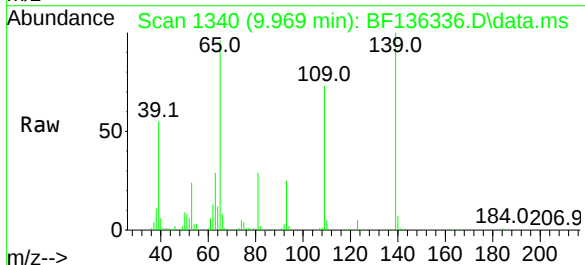
Instrument :
BNA_F
ClientSampleId :
PB157087BS

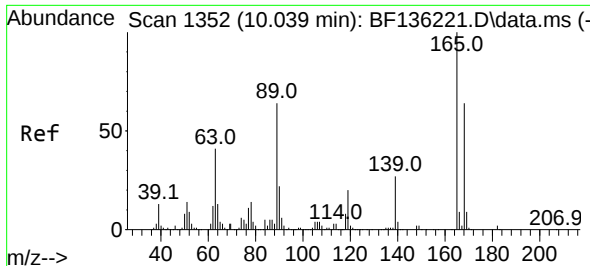
Tgt Ion:168 Resp: 1130784
Ion Ratio Lower Upper
168 100
139 38.6 30.9 46.3
169 12.0 9.1 13.7



#56
4-Nitrophenol
Concen: 74.113 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF136336.D
Acq: 01 Dec 2023 14:16

Tgt Ion:139 Resp: 245259
Ion Ratio Lower Upper
139 100
109 73.4 57.8 97.8
65 96.2 86.0 126.0

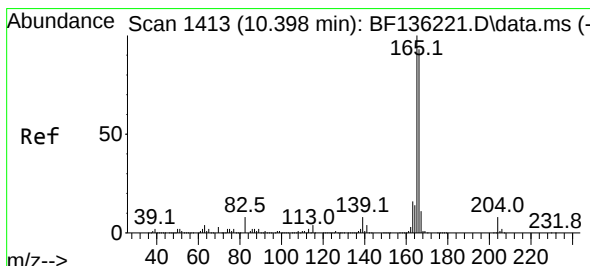
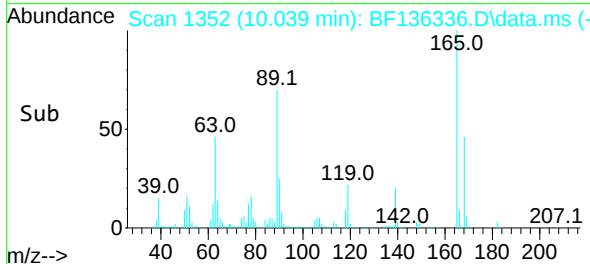
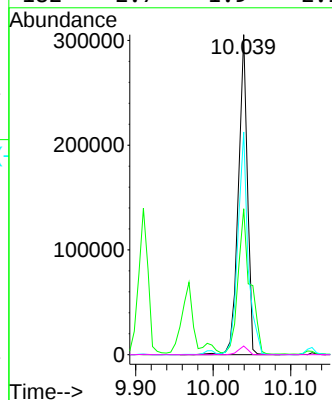
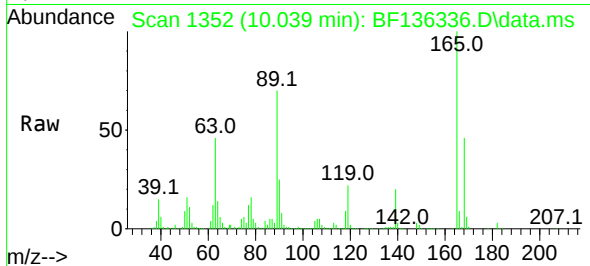




#57
2,4-Dinitrotoluene
Concen: 42.474 ng
RT: 10.039 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136336.D
Acq: 01 Dec 2023 14:16

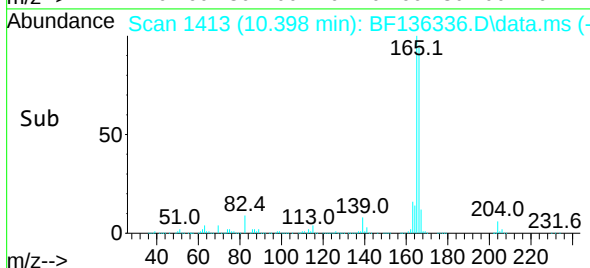
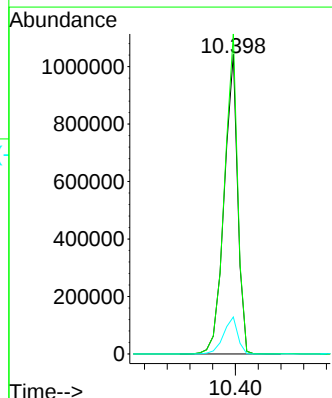
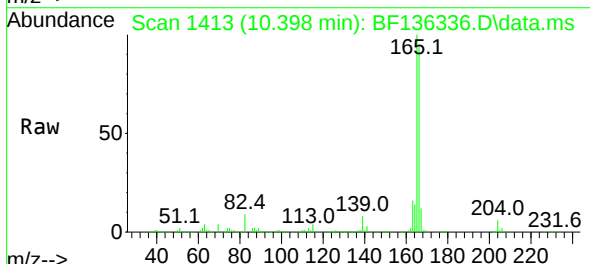
Instrument :
BNA_F
ClientSampleId :
PB157087BS

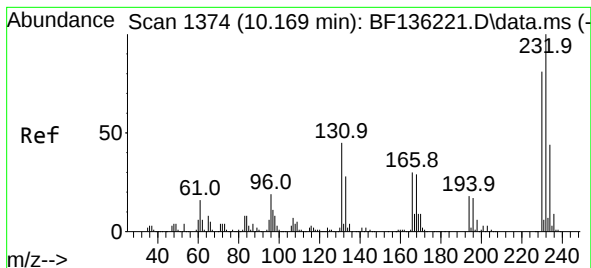
Tgt Ion:	165	Resp:	249139
Ion	Ratio	Lower	Upper
165	100		
63	45.6	33.0	49.4
89	69.6	51.5	77.3
182	2.7	1.9	2.9



#58
Fluorene
Concen: 42.201 ng
RT: 10.398 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF136336.D
Acq: 01 Dec 2023 14:16

Tgt Ion:	166	Resp:	865167
Ion	Ratio	Lower	Upper
166	100		
165	106.9	86.2	129.4
167	12.3	9.1	13.7

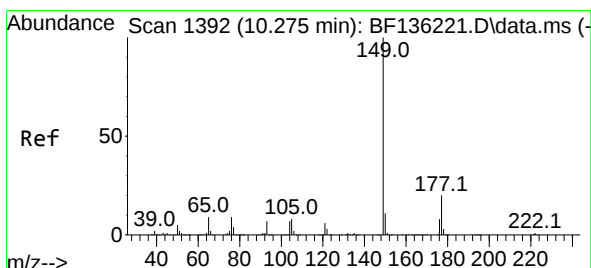
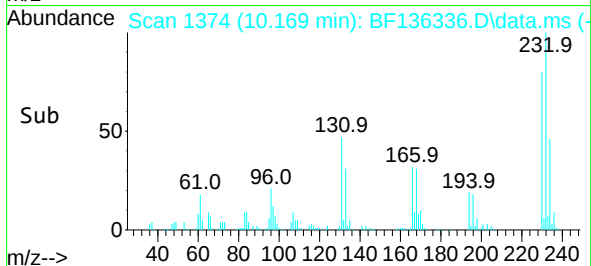
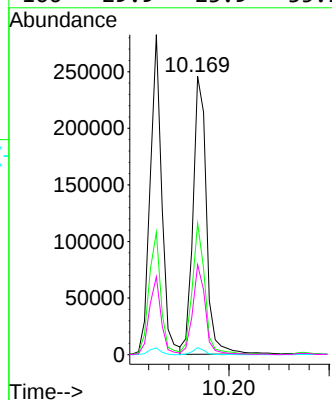
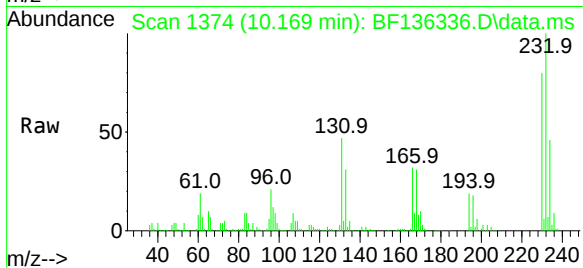




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.879 ng
RT: 10.169 min Scan# 1374
Delta R.T. 0.000 min
Lab File: BF136336.D
Acq: 01 Dec 2023 14:16

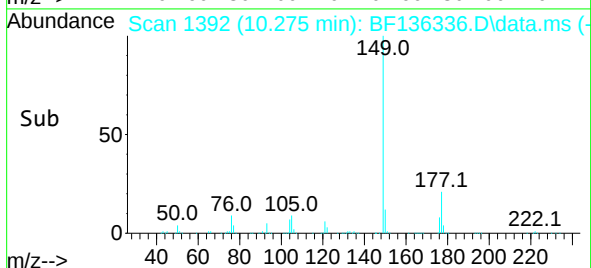
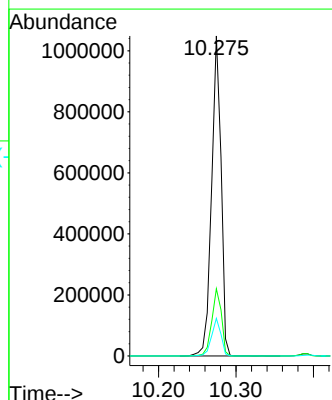
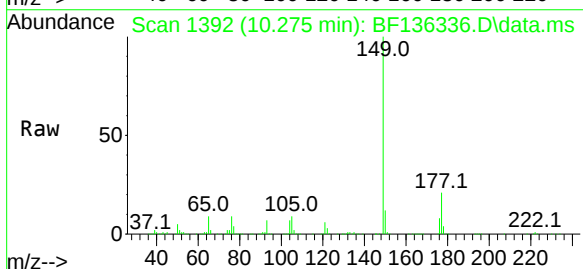
Instrument :
BNA_F
ClientSampleId :
PB157087BS

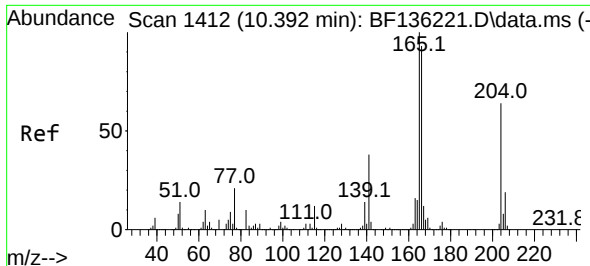
Tgt Ion:232 Resp: 228923
Ion Ratio Lower Upper
232 100
131 44.2 36.4 54.6
130 2.2 1.9 2.9
166 29.9 23.9 35.9



#60
Diethylphthalate
Concen: 41.402 ng
RT: 10.275 min Scan# 1392
Delta R.T. 0.000 min
Lab File: BF136336.D
Acq: 01 Dec 2023 14:16

Tgt Ion:149 Resp: 890226
Ion Ratio Lower Upper
149 100
177 21.0 15.8 23.6
150 11.7 8.8 13.2

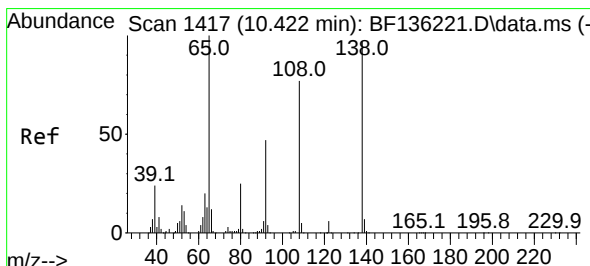
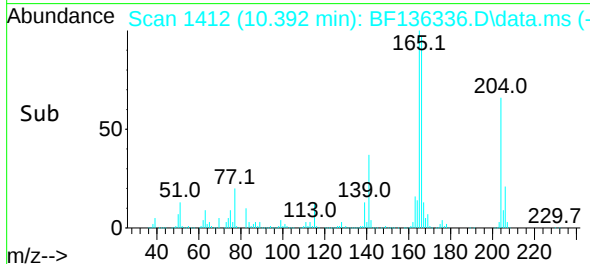
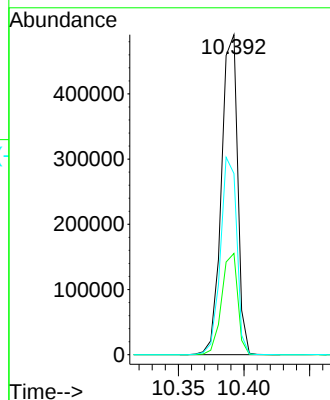
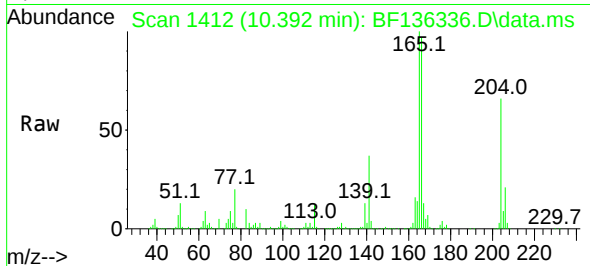




#61
4-Chlorophenyl-phenylether
Concen: 42.313 ng
RT: 10.392 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BF136336.D
Acq: 01 Dec 2023 14:16

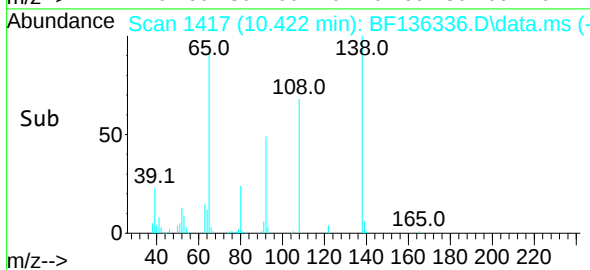
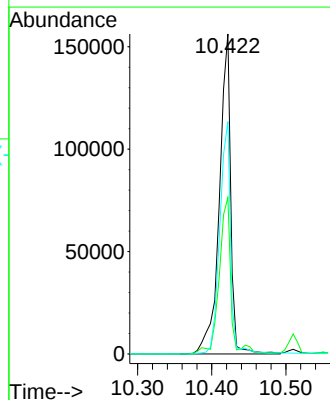
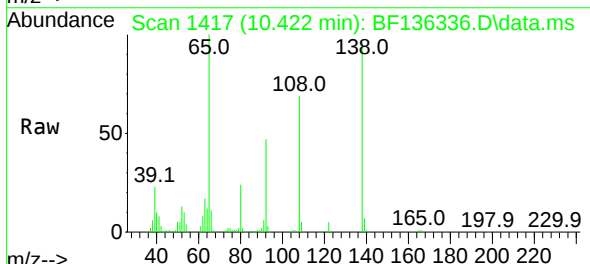
Instrument :
BNA_F
ClientSampleId :
PB157087BS

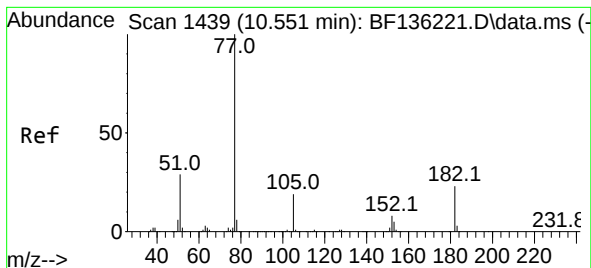
Tgt Ion:204 Resp: 421267
Ion Ratio Lower Upper
204 100
206 31.6 23.4 35.0
141 56.6 47.6 71.4



#62
4-Nitroaniline
Concen: 38.990 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF136336.D
Acq: 01 Dec 2023 14:16

Tgt Ion:138 Resp: 166293
Ion Ratio Lower Upper
138 100
92 48.9 28.5 68.5
108 72.6 59.8 99.8





#63

Azobenzene

Concen: 41.153 ng

RT: 10.551 min Scan# 1439

Delta R.T. 0.000 min

Lab File: BF136336.D

Acq: 01 Dec 2023 14:16

Instrument :

BNA_F

ClientSampleId :

PB157087BS

Tgt Ion: 77 Resp: 820339

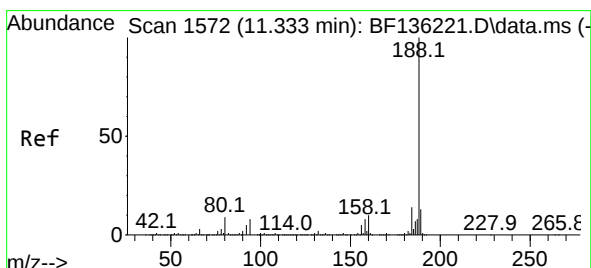
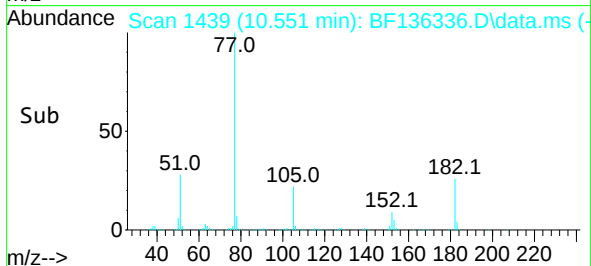
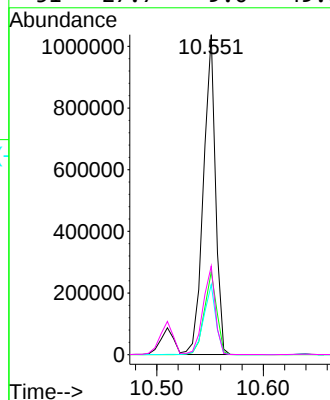
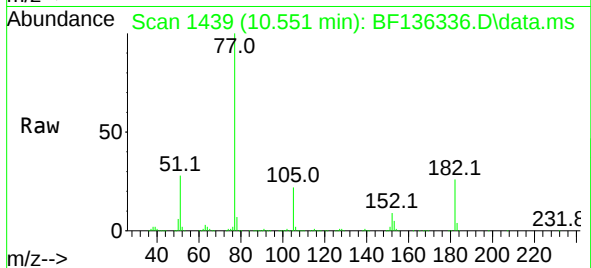
Ion Ratio Lower Upper

77 100

182 25.9 3.3 43.3

105 21.9 0.0 39.5

51 27.7 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: BF136336.D

Acq: 01 Dec 2023 14:16

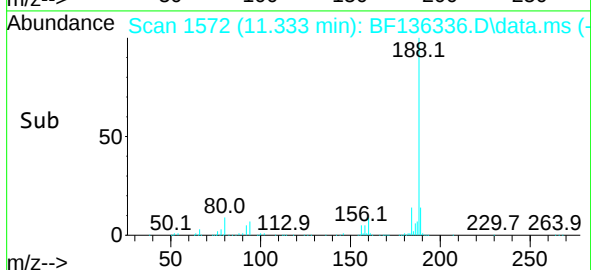
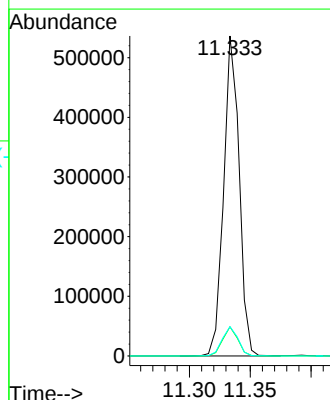
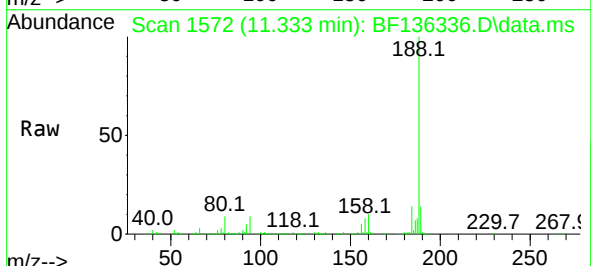
Tgt Ion: 188 Resp: 475757

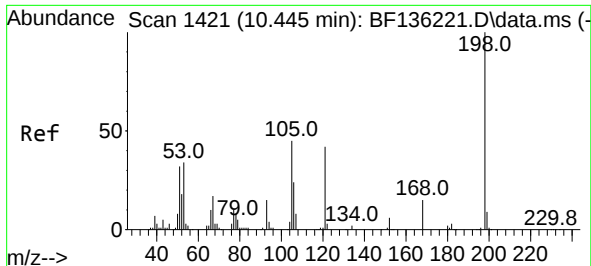
Ion Ratio Lower Upper

188 100

94 9.1 6.7 10.1

80 9.2 7.2 10.8

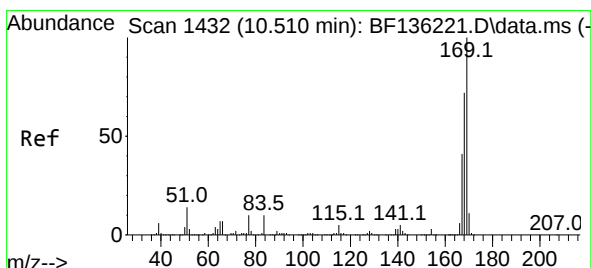
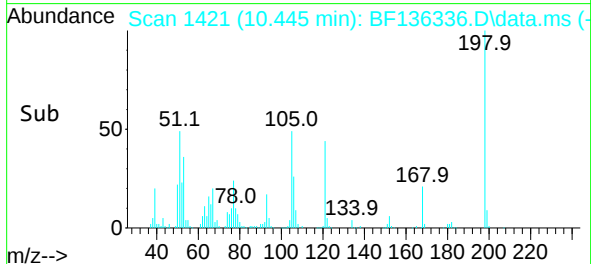
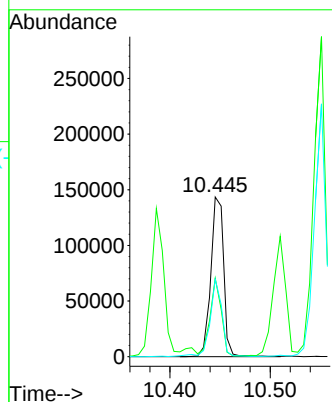
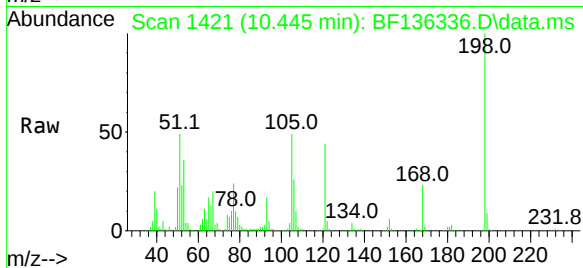




#65
4,6-Dinitro-2-methylphenol
Concen: 49.491 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF136336.D
Acq: 01 Dec 2023 14:16

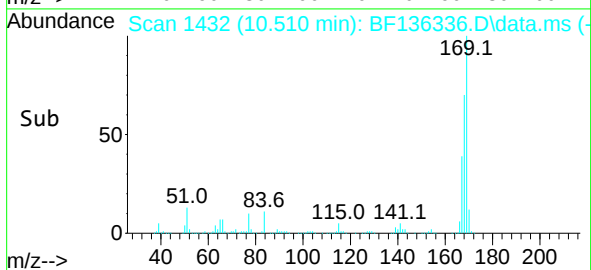
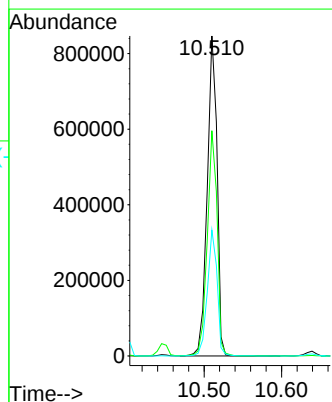
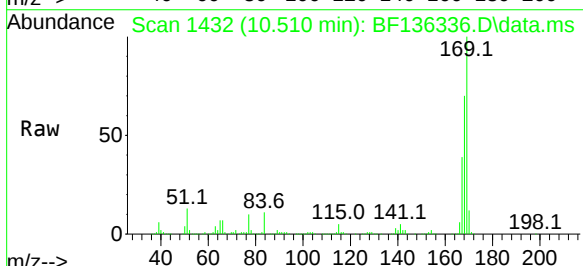
Instrument :
BNA_F
ClientSampleId :
PB157087BS

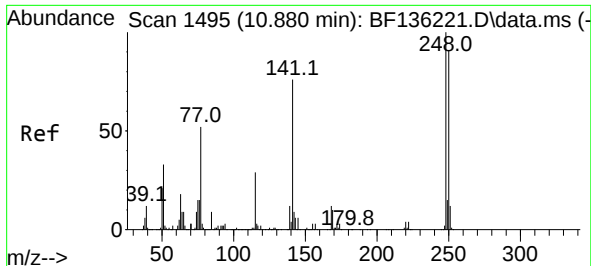
Tgt Ion:198 Resp: 128758
Ion Ratio Lower Upper
198 100
51 49.1 28.2 68.2
105 48.6 25.7 65.7



#66
n-Nitrosodiphenylamine
Concen: 48.946 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF136336.D
Acq: 01 Dec 2023 14:16

Tgt Ion:169 Resp: 746252
Ion Ratio Lower Upper
169 100
168 70.4 57.8 86.6
167 39.4 32.7 49.1

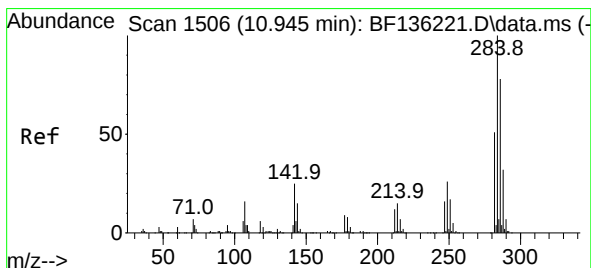
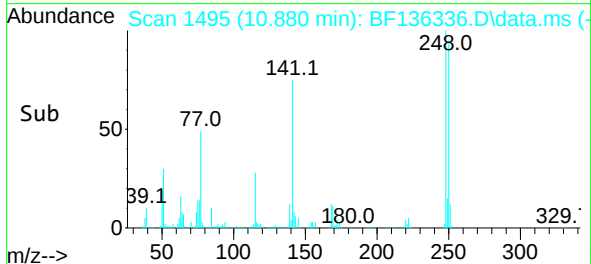
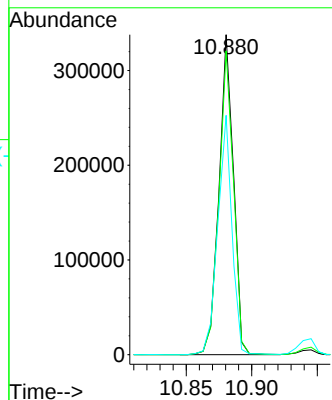
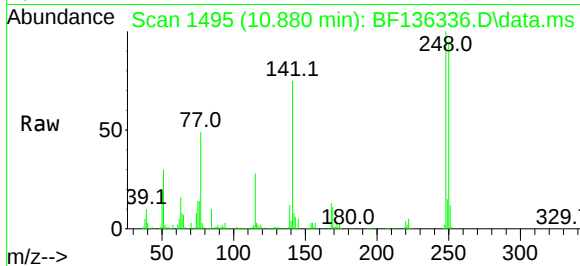




#67
4-Bromophenyl-phenylether
Concen: 46.668 ng
RT: 10.880 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF136336.D
Acq: 01 Dec 2023 14:16

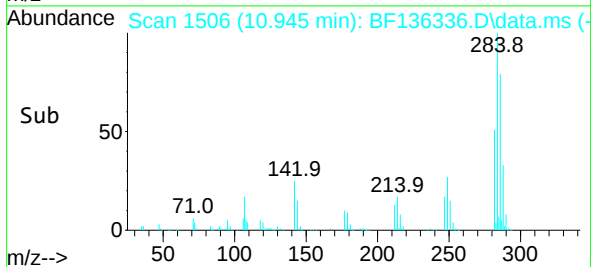
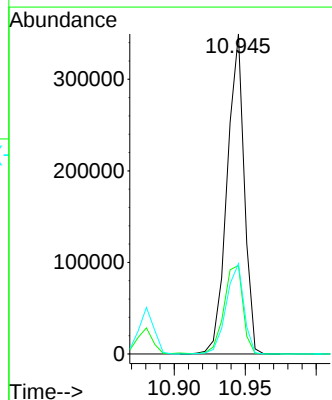
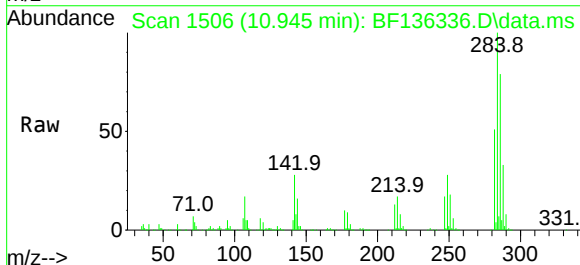
Instrument :
BNA_F
ClientSampleId :
PB157087BS

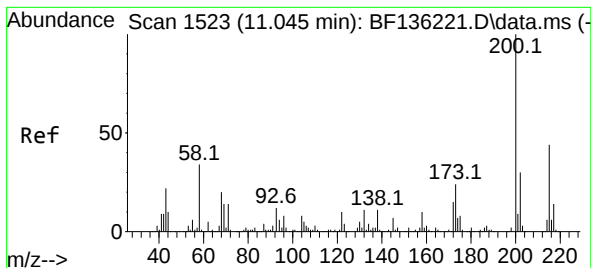
Tgt Ion:248 Resp: 259030
Ion Ratio Lower Upper
248 100
250 94.9 72.5 108.7
141 74.8 60.8 91.2



#68
Hexachlorobenzene
Concen: 45.625 ng
RT: 10.945 min Scan# 1506
Delta R.T. 0.000 min
Lab File: BF136336.D
Acq: 01 Dec 2023 14:16

Tgt Ion:284 Resp: 293092
Ion Ratio Lower Upper
284 100
142 27.7 19.8 29.8
249 28.2 21.0 31.4





#69

Atrazine

Concen: 28.979 ng

RT: 11.039 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136336.D

Acq: 01 Dec 2023 14:16

Instrument :

BNA_F

ClientSampleId :

PB157087BS

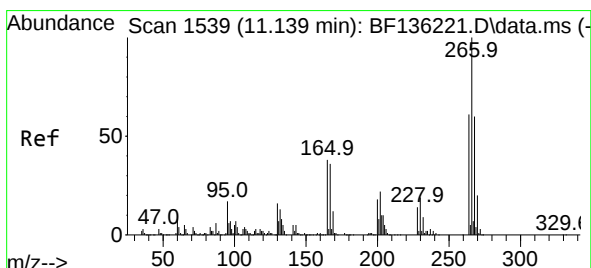
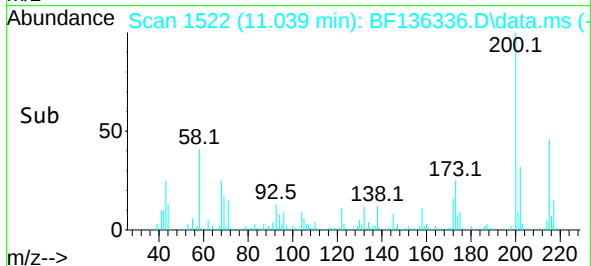
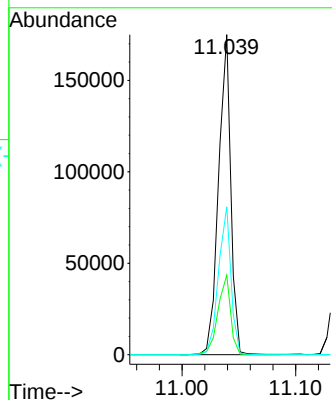
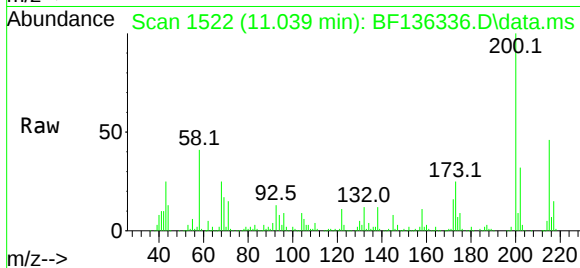
Tgt Ion:200 Resp: 131063

Ion Ratio Lower Upper

200 100

173 24.9 4.3 44.3

215 46.2 23.8 63.8



#70

Pentachlorophenol

Concen: 76.746 ng

RT: 11.139 min Scan# 1539

Delta R.T. 0.000 min

Lab File: BF136336.D

Acq: 01 Dec 2023 14:16

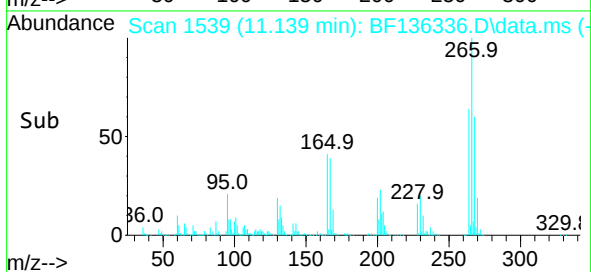
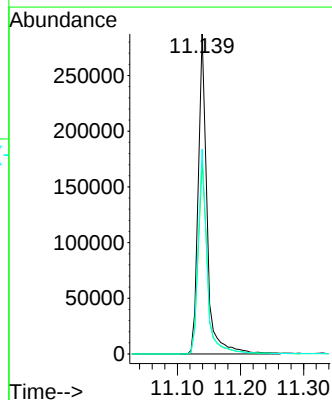
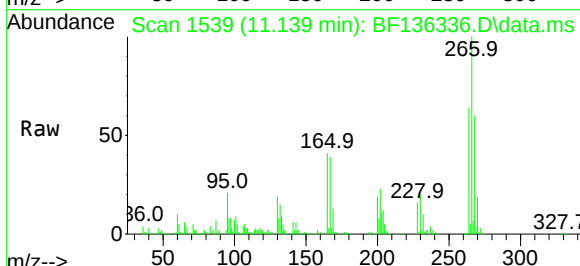
Tgt Ion:266 Resp: 278678

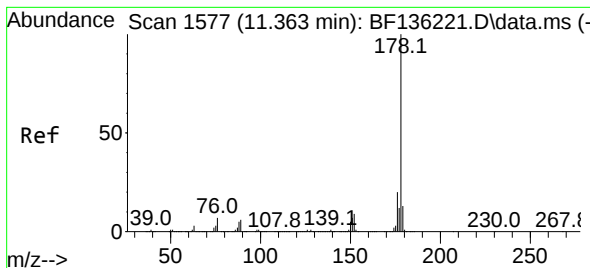
Ion Ratio Lower Upper

266 100

268 60.0 47.9 71.9

264 64.0 49.1 73.7





#71

Phenanthrene

Concen: 45.437 ng

RT: 11.363 min Scan# 1577

Delta R.T. 0.000 min

Lab File: BF136336.D

Acq: 01 Dec 2023 14:16

Instrument :

BNA_F

ClientSampleId :

PB157087BS

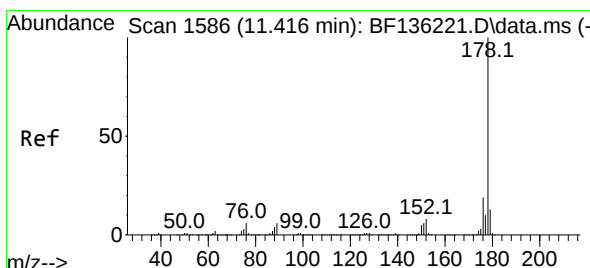
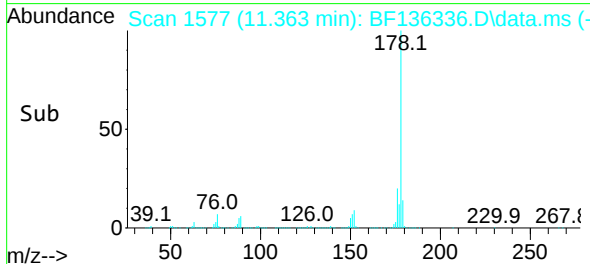
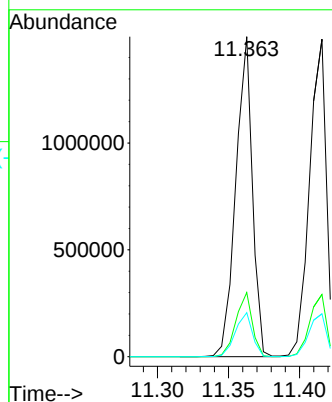
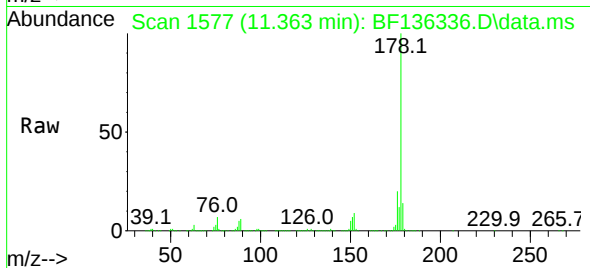
Tgt Ion:178 Resp: 1214980

Ion Ratio Lower Upper

178 100

176 20.0 16.2 24.2

179 13.8 10.3 15.5



#72

Anthracene

Concen: 46.008 ng

RT: 11.416 min Scan# 1586

Delta R.T. 0.000 min

Lab File: BF136336.D

Acq: 01 Dec 2023 14:16

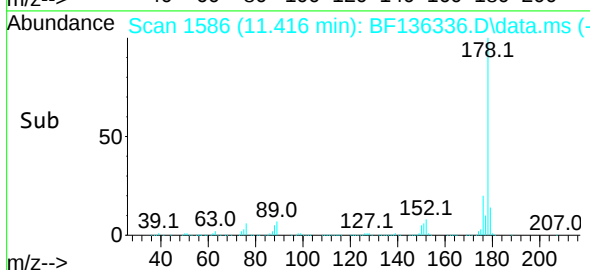
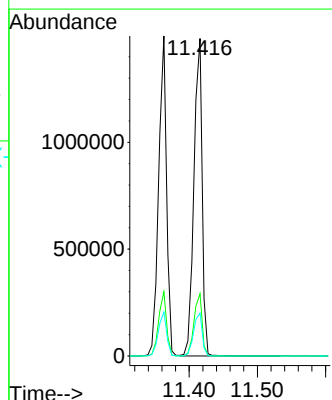
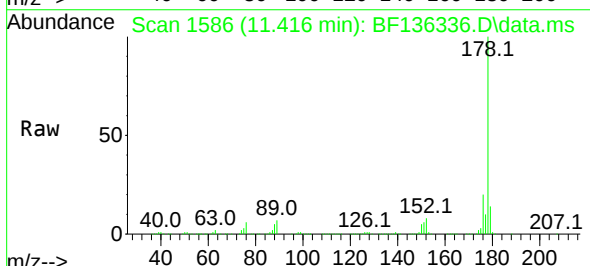
Tgt Ion:178 Resp: 1233721

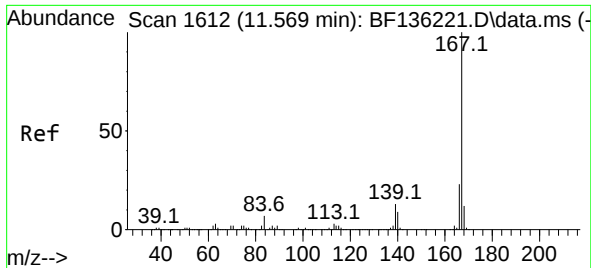
Ion Ratio Lower Upper

178 100

176 19.6 15.5 23.3

179 13.5 10.5 15.7

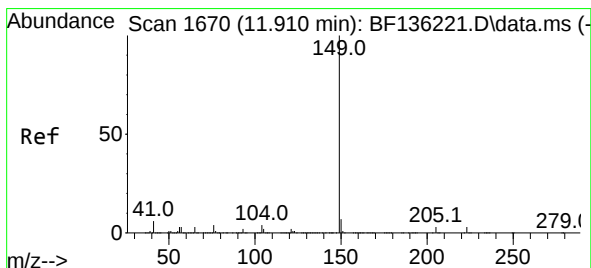
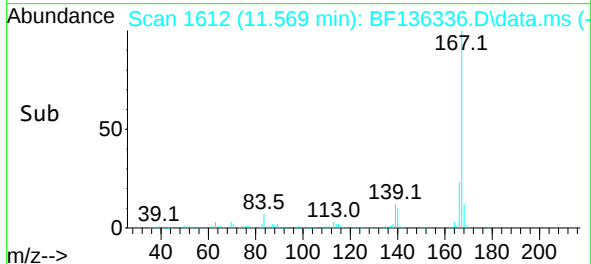
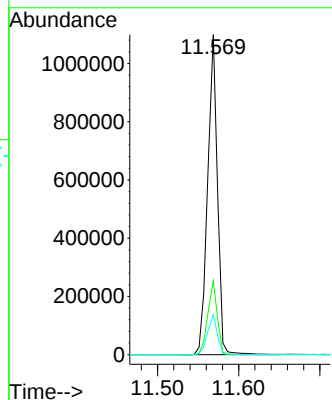
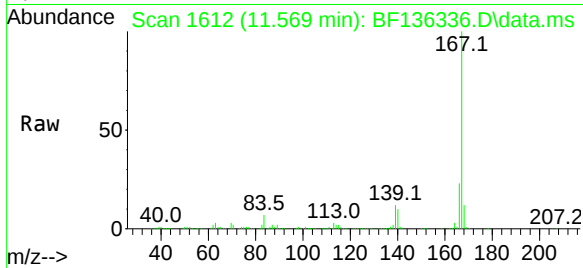




#73
 Carbazole
 Concen: 40.311 ng
 RT: 11.569 min Scan# 1612
 Delta R.T. 0.000 min
 Lab File: BF136336.D
 Acq: 01 Dec 2023 14:16

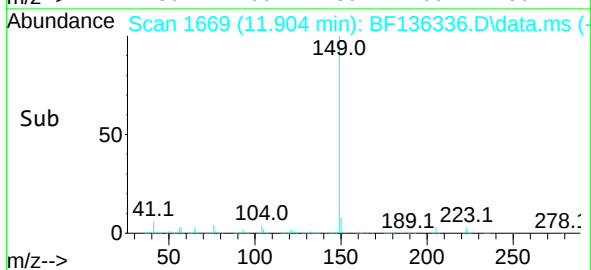
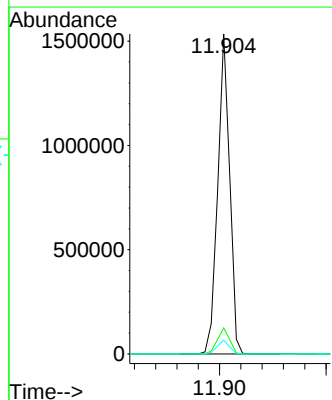
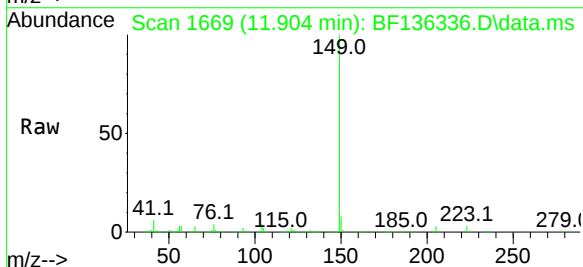
Instrument :
 BNA_F
 ClientSampleId :
 PB157087BS

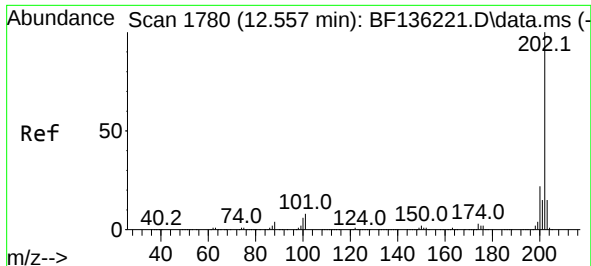
Tgt Ion:167 Resp: 919363
 Ion Ratio Lower Upper
 167 100
 166 23.0 18.4 27.6
 139 12.5 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 41.670 ng
 RT: 11.904 min Scan# 1669
 Delta R.T. -0.006 min
 Lab File: BF136336.D
 Acq: 01 Dec 2023 14:16

Tgt Ion:149 Resp: 1189077
 Ion Ratio Lower Upper
 149 100
 150 8.2 6.0 9.0
 104 4.3 3.5 5.3

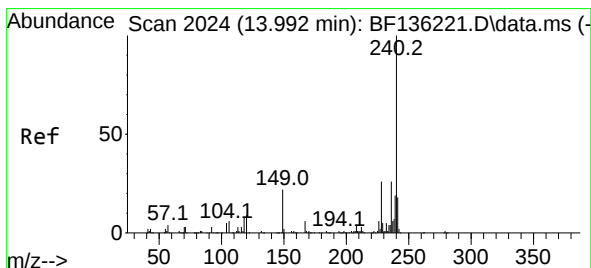
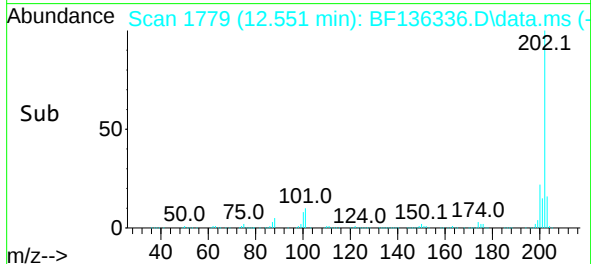
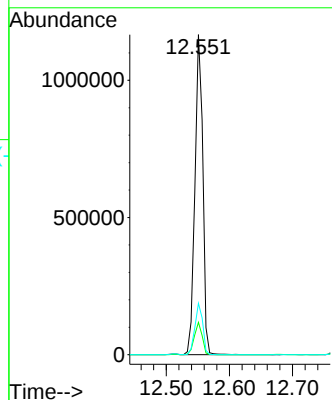
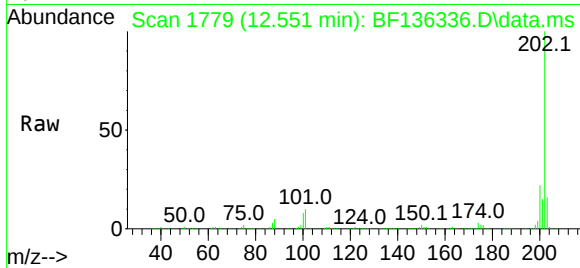




#75
Fluoranthene
Concen: 37.186 ng
RT: 12.551 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136336.D
Acq: 01 Dec 2023 14:16

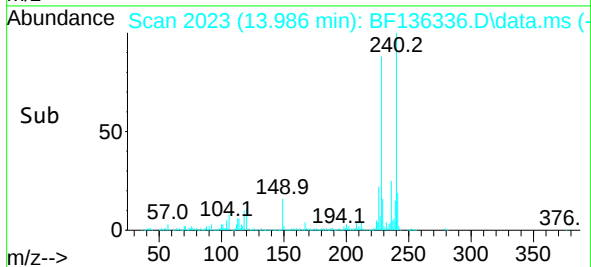
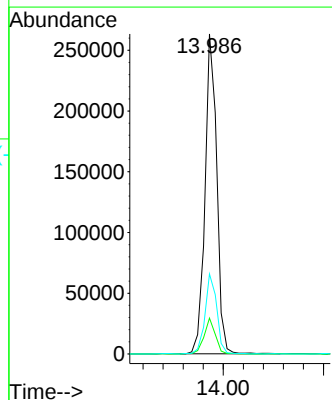
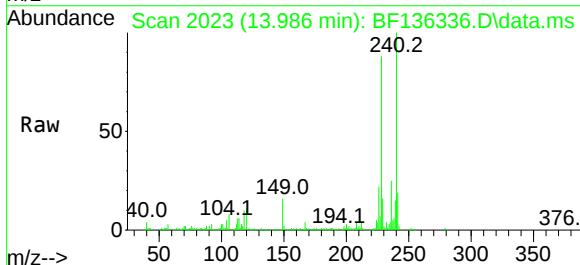
Instrument :
BNA_F
ClientSampleId :
PB157087BS

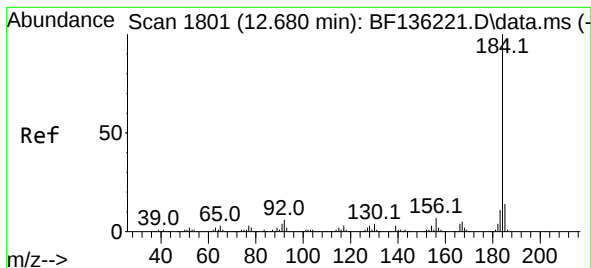
Tgt Ion:202 Resp: 1009421
Ion Ratio Lower Upper
202 100
101 10.1 0.0 27.8
203 16.0 0.0 34.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF136336.D
Acq: 01 Dec 2023 14:16

Tgt Ion:240 Resp: 215285
Ion Ratio Lower Upper
240 100
120 11.2 7.4 11.2#
236 25.0 21.1 31.7





#77

Benzidine

Concen: 55.399 ng

RT: 12.680 min Scan# 1801

Delta R.T. 0.000 min

Lab File: BF136336.D

Acq: 01 Dec 2023 14:16

Instrument :

BNA_F

ClientSampleId :

PB157087BS

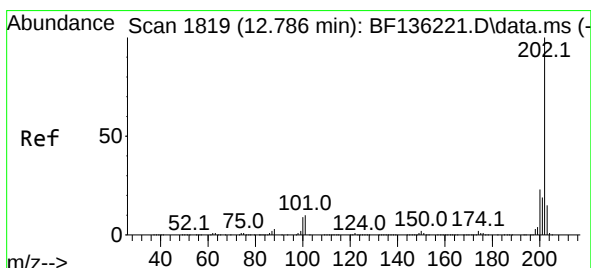
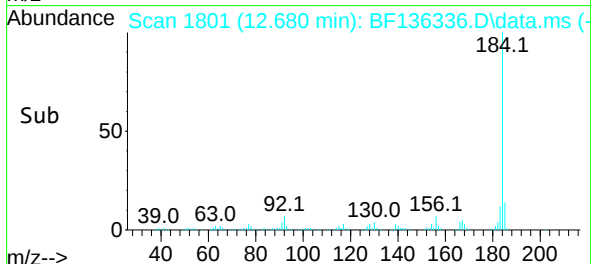
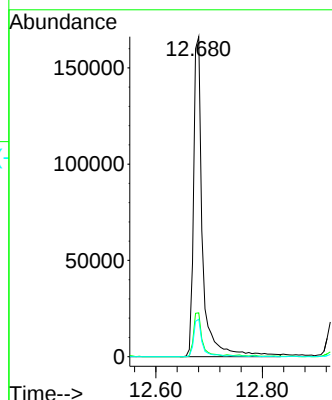
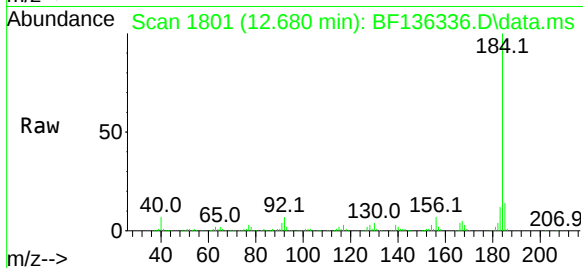
Tgt Ion:184 Resp: 196051

Ion Ratio Lower Upper

184 100

185 13.7 11.0 16.6

183 11.7 9.0 13.4



#78

Pyrene

Concen: 41.871 ng

RT: 12.780 min Scan# 1818

Delta R.T. -0.006 min

Lab File: BF136336.D

Acq: 01 Dec 2023 14:16

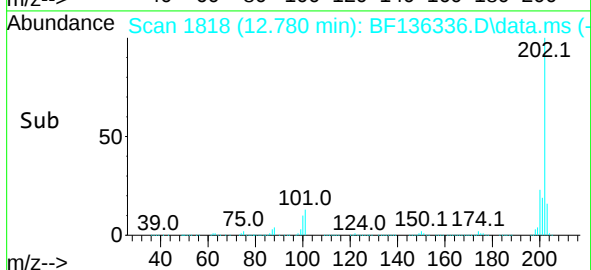
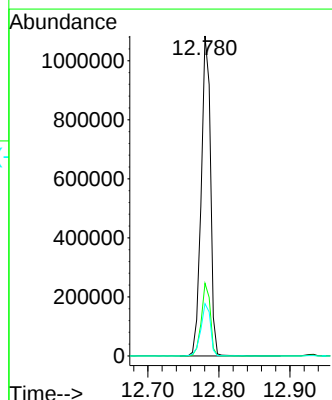
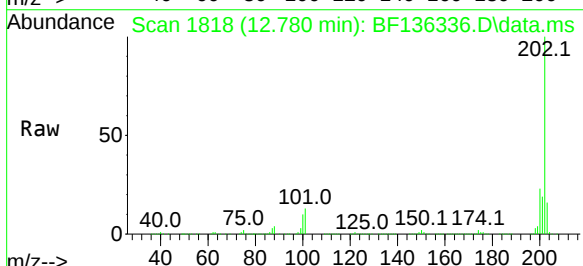
Tgt Ion:202 Resp: 987206

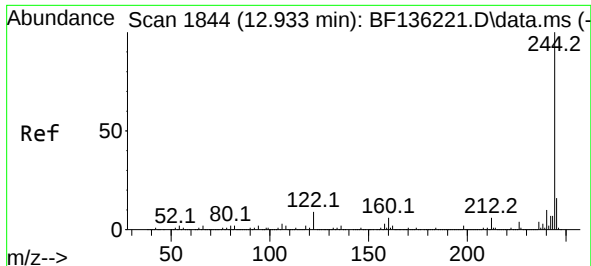
Ion Ratio Lower Upper

202 100

200 22.7 18.4 27.6

203 16.3 11.8 17.6

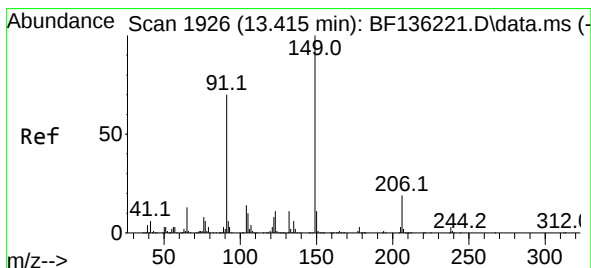
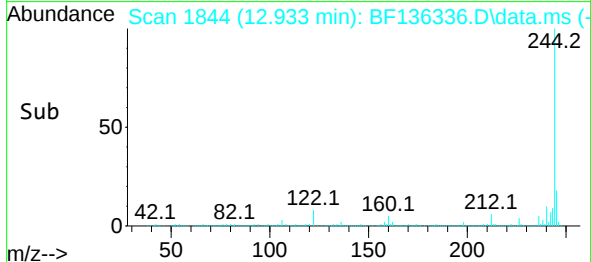
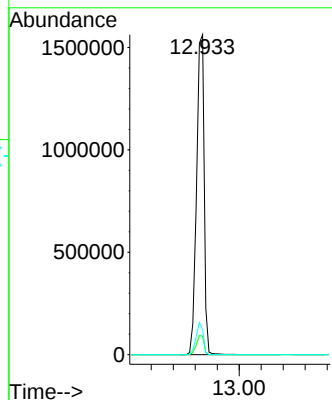
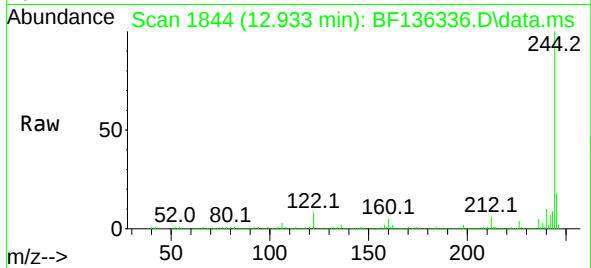




#79
 Terphenyl-d14
 Concen: 79.849 ng
 RT: 12.933 min Scan# 1844
 Delta R.T. 0.000 min
 Lab File: BF136336.D
 Acq: 01 Dec 2023 14:16

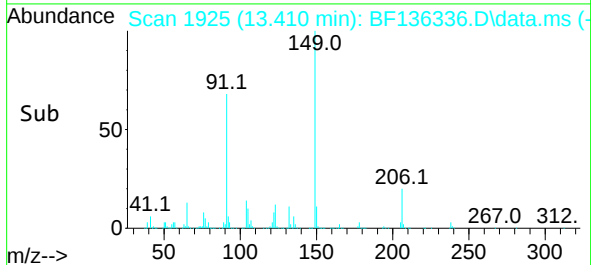
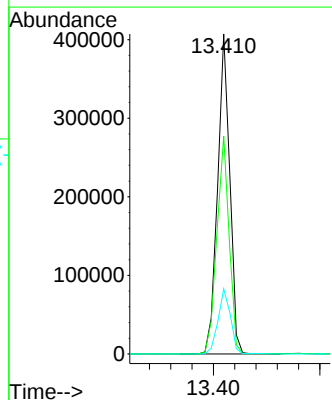
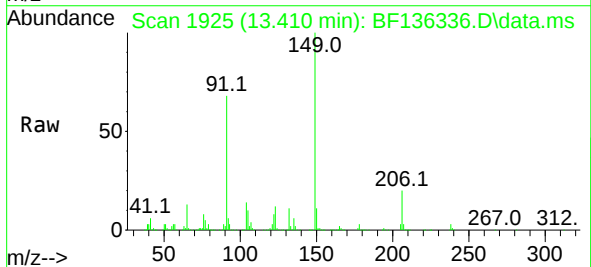
Instrument :
 BNA_F
 ClientSampleId :
 PB157087BS

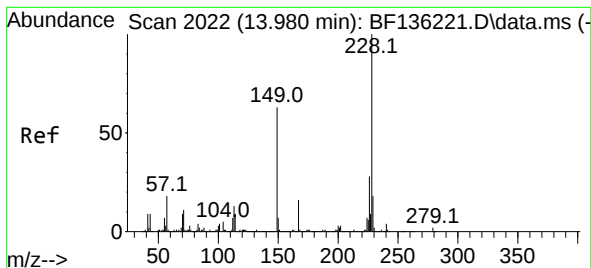
Tgt Ion:244 Resp: 1490278
 Ion Ratio Lower Upper
 244 100
 212 5.8 4.6 7.0
 122 7.9 7.3 10.9



#80
 Butylbenzylphthalate
 Concen: 44.098 ng
 RT: 13.410 min Scan# 1925
 Delta R.T. -0.006 min
 Lab File: BF136336.D
 Acq: 01 Dec 2023 14:16

Tgt Ion:149 Resp: 323584
 Ion Ratio Lower Upper
 149 100
 91 68.1 56.4 84.6
 206 20.3 14.8 22.2





#81

Benzo(a)anthracene

Concen: 44.021 ng

RT: 13.980 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BF136336.D

Acq: 01 Dec 2023 14:16

Instrument :

BNA_F

ClientSampleId :

PB157087BS

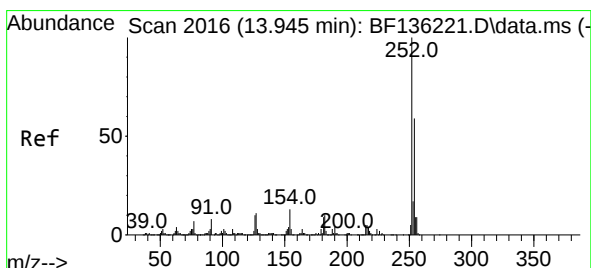
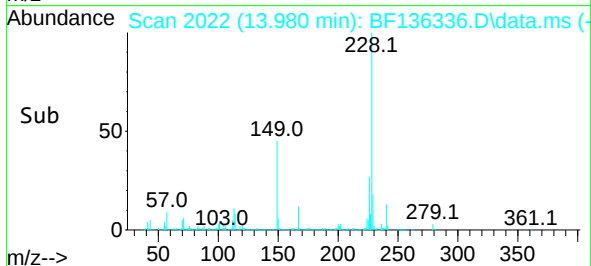
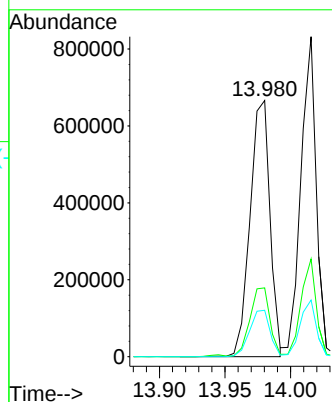
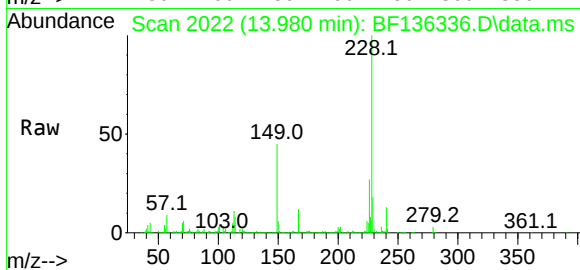
Tgt Ion:228 Resp: 703925

Ion Ratio Lower Upper

228 100

226 26.8 22.6 34.0

229 18.1 14.0 21.0



#82

3,3'-Dichlorobenzidine

Concen: 63.442 ng

RT: 13.945 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BF136336.D

Acq: 01 Dec 2023 14:16

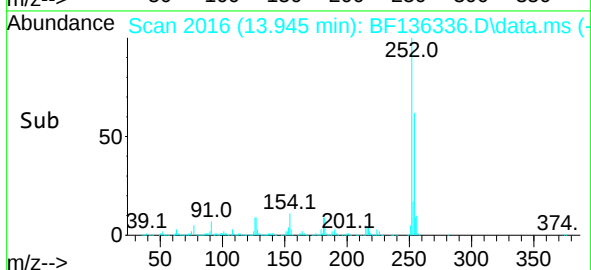
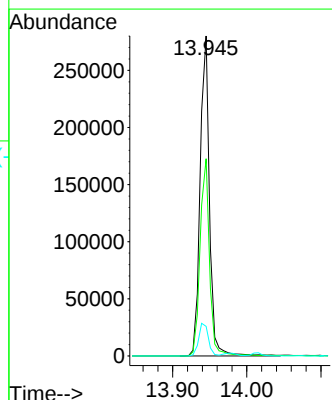
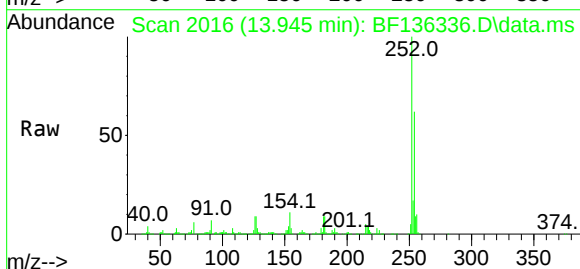
Tgt Ion:252 Resp: 244202

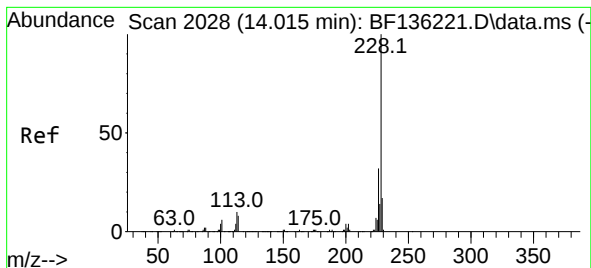
Ion Ratio Lower Upper

252 100

254 61.6 47.4 71.2

126 9.3 8.3 12.5





#83

Chrysene

Concen: 44.295 ng

RT: 14.016 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF136336.D

Acq: 01 Dec 2023 14:16

Instrument :

BNA_F

ClientSampleId :

PB157087BS

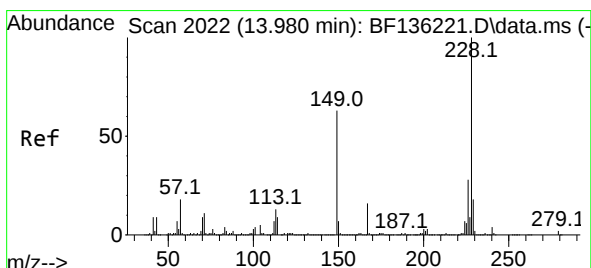
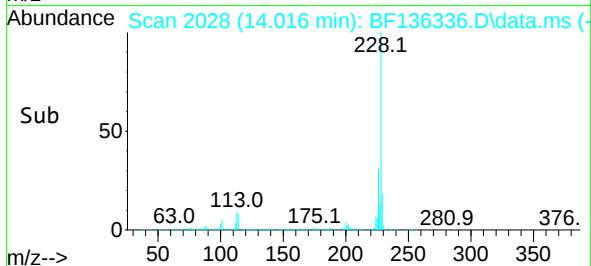
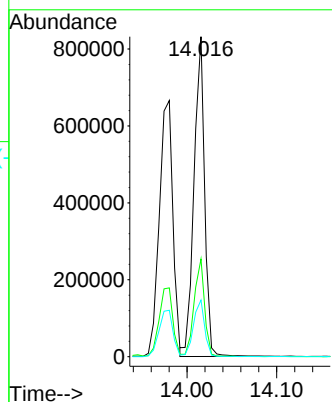
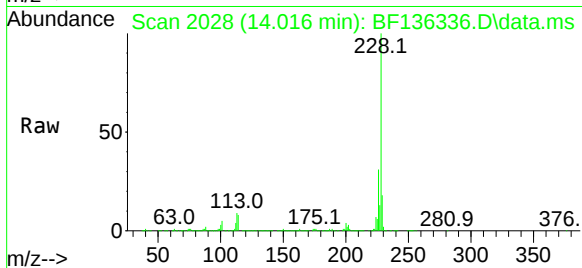
Tgt Ion:228 Resp: 683903

Ion Ratio Lower Upper

228 100

226 30.6 25.5 38.3

229 17.7 13.9 20.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.834 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF136336.D

Acq: 01 Dec 2023 14:16

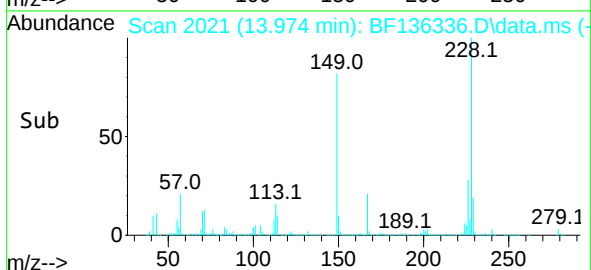
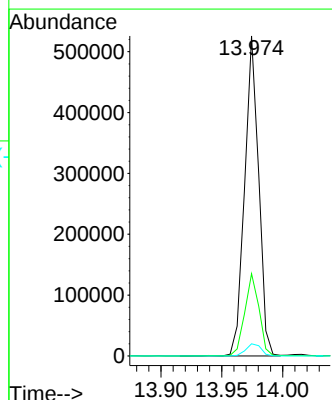
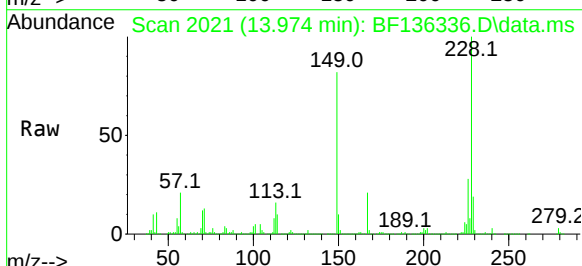
Tgt Ion:149 Resp: 421247

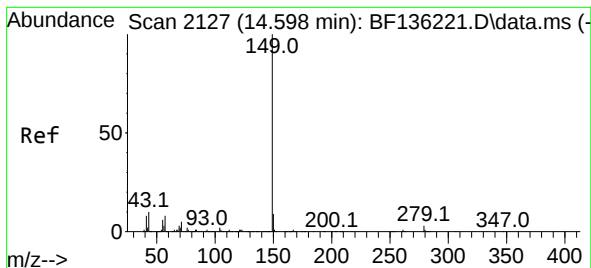
Ion Ratio Lower Upper

149 100

167 25.7 20.2 30.2

279 3.8 2.4 3.6





#85

Di-n-octyl phthalate

Concen: 55.938 ng

RT: 14.592 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF136336.D

Acq: 01 Dec 2023 14:16

Instrument :

BNA_F

ClientSampleId :

PB157087BS

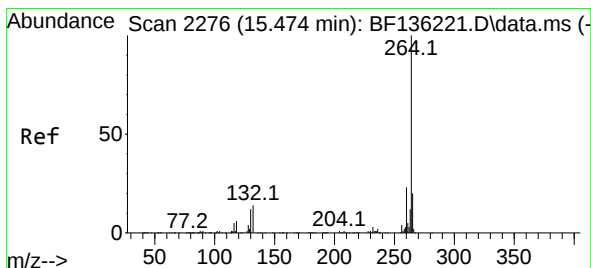
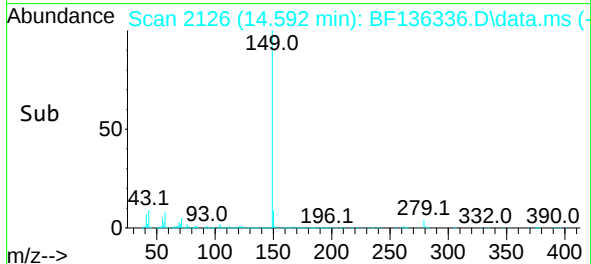
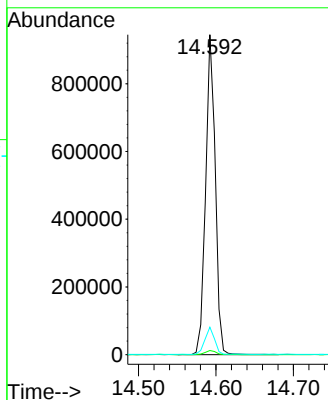
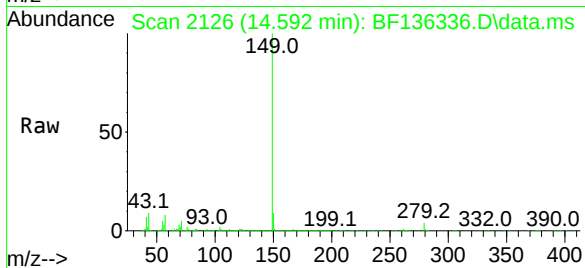
Tgt Ion:149 Resp: 813747

Ion Ratio Lower Upper

149 100

167 1.5 1.0 1.6

43 8.8 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: BF136336.D

Acq: 01 Dec 2023 14:16

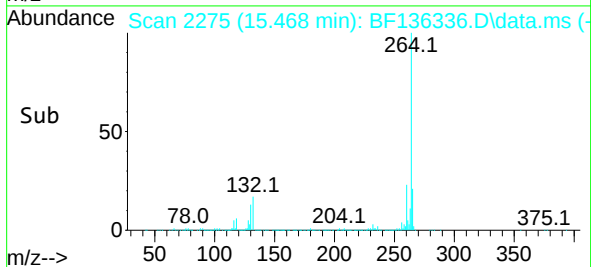
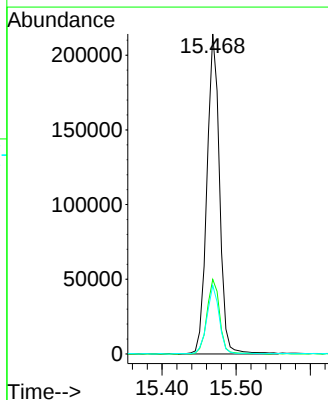
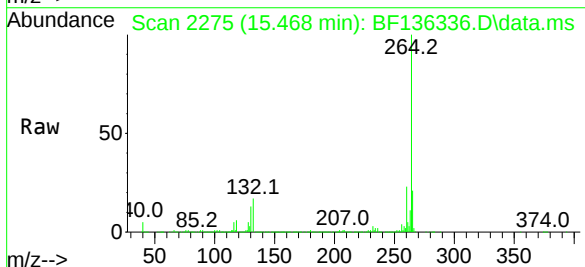
Tgt Ion:264 Resp: 253230

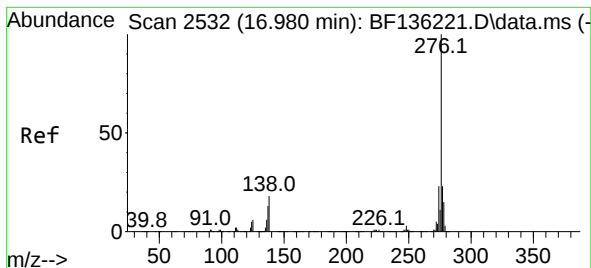
Ion Ratio Lower Upper

264 100

260 23.3 18.6 27.8

265 21.4 15.7 23.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.321 ng

RT: 16.986 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136336.D

Acq: 01 Dec 2023 14:16

Instrument :

BNA_F

ClientSampleId :

PB157087BS

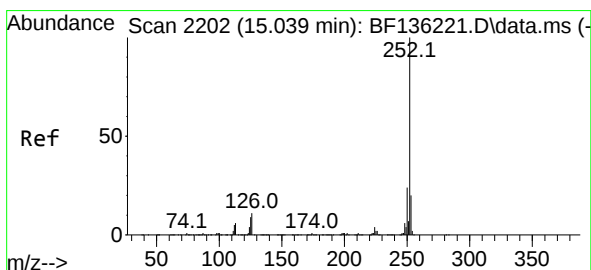
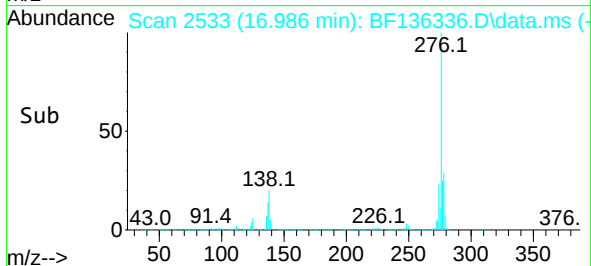
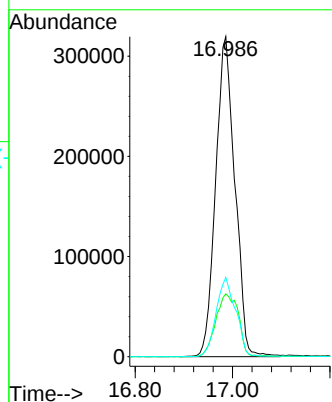
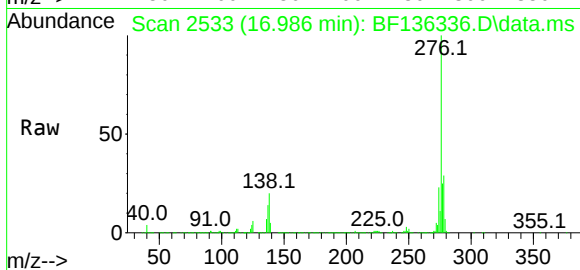
Tgt Ion:276 Resp: 874908

Ion Ratio Lower Upper

276 100

138 23.1 17.7 26.5

277 25.3 19.6 29.4



#88

Benzo(b)fluoranthene

Concen: 43.708 ng

RT: 15.039 min Scan# 2202

Delta R.T. 0.000 min

Lab File: BF136336.D

Acq: 01 Dec 2023 14:16

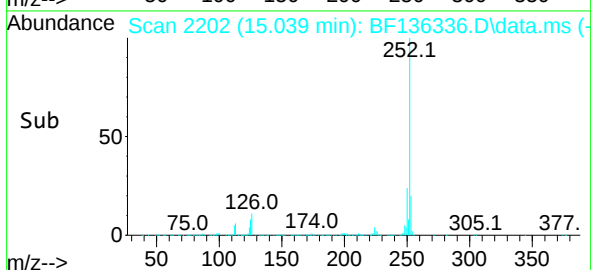
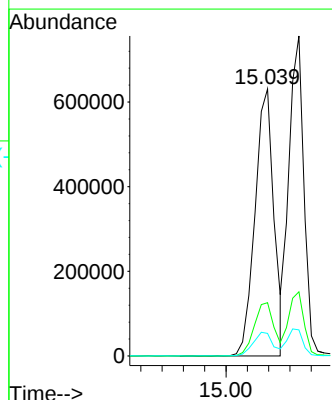
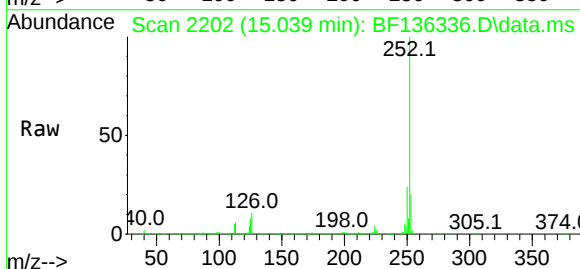
Tgt Ion:252 Resp: 776530

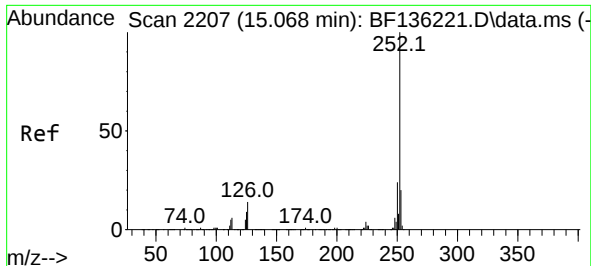
Ion Ratio Lower Upper

252 100

253 20.0 16.2 24.2

125 8.4 6.9 10.3





#89

Benzo(k)fluoranthene

Concen: 44.576 ng

RT: 15.068 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF136336.D

Acq: 01 Dec 2023 14:16

Instrument :

BNA_F

ClientSampleId :

PB157087BS

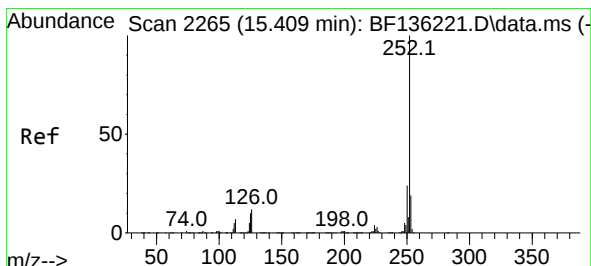
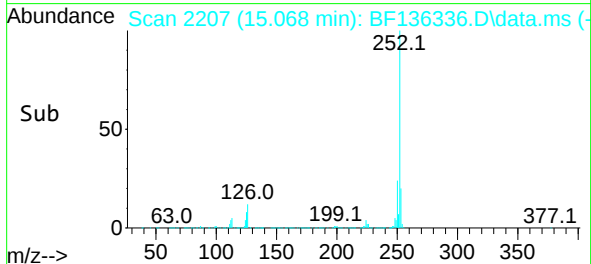
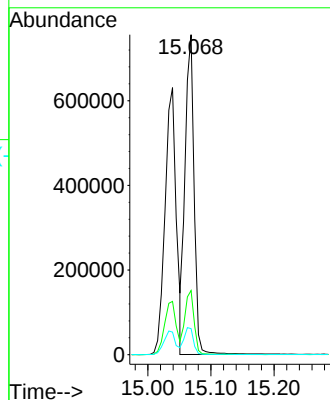
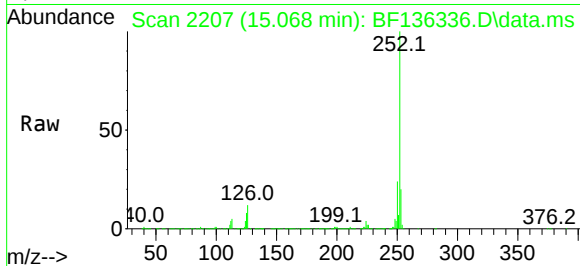
Tgt Ion:252 Resp: 752167

Ion Ratio Lower Upper

252 100

253 20.0 15.6 23.4

125 8.2 7.0 10.4



#90

Benzo(a)pyrene

Concen: 46.745 ng

RT: 15.410 min Scan# 2265

Delta R.T. 0.001 min

Lab File: BF136336.D

Acq: 01 Dec 2023 14:16

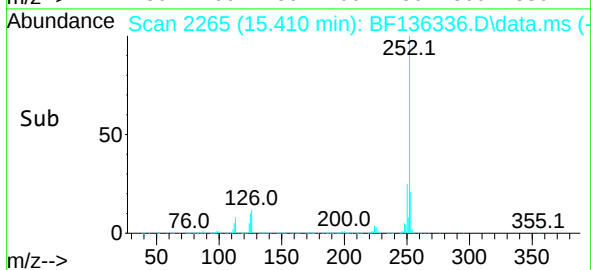
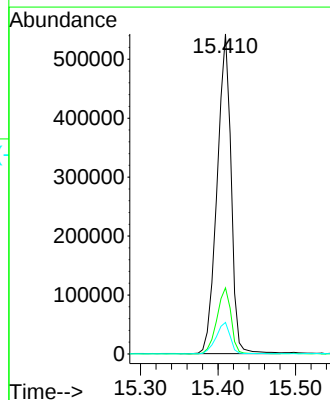
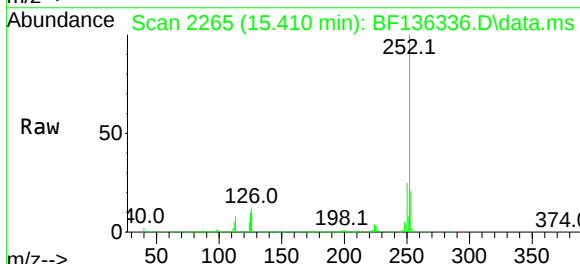
Tgt Ion:252 Resp: 678894

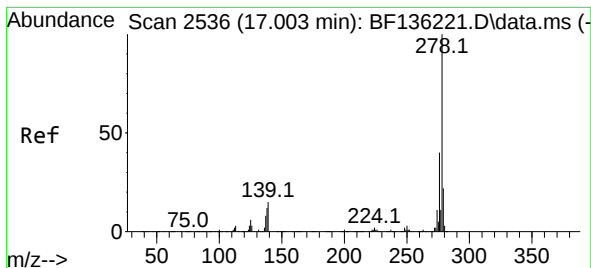
Ion Ratio Lower Upper

252 100

253 20.7 15.5 23.3

125 9.9 7.9 11.9





#91

Dibenzo(a,h)anthracene

Concen: 47.613 ng

RT: 17.009 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136336.D

Acq: 01 Dec 2023 14:16

Instrument :

BNA_F

ClientSampleId :

PB157087BS

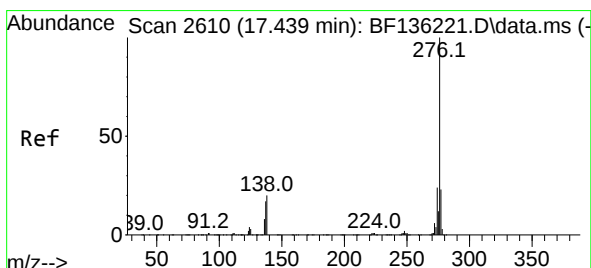
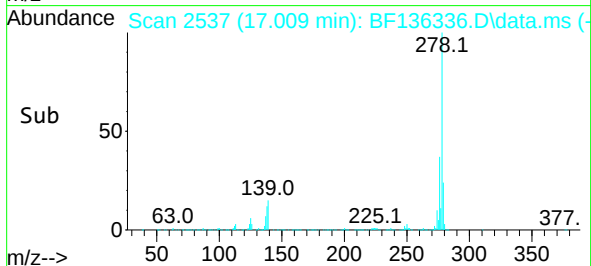
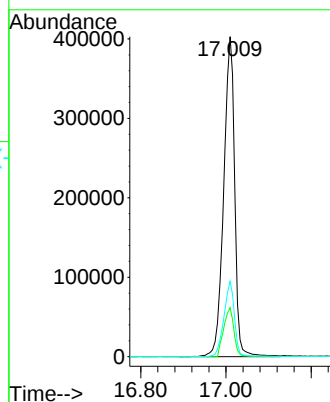
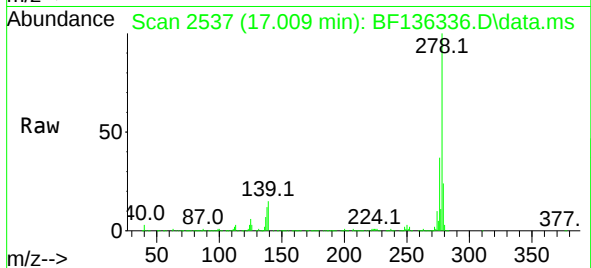
Tgt Ion:278 Resp: 722993

Ion Ratio Lower Upper

278 100

139 15.3 11.7 17.5

279 23.6 17.8 26.8



#92

Benzo(g,h,i)perylene

Concen: 46.139 ng

RT: 17.445 min Scan# 2611

Delta R.T. 0.006 min

Lab File: BF136336.D

Acq: 01 Dec 2023 14:16

Tgt Ion:276 Resp: 702199

Ion Ratio Lower Upper

276 100

277 22.7 18.6 27.8

138 19.9 15.8 23.8

