

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
 Data File : BF136338.D
 Acq On : 01 Dec 2023 15:20
 Operator : CG\JU
 Sample : PB157140BSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157140BSD

Quant Time: Dec 04 05:59:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	124036	20.000	ng	0.00
21) Naphthalene-d8	8.087	136	519884	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	266923	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	459907	20.000	ng	0.00
76) Chrysene-d12	13.986	240	203530	20.000	ng	0.00
86) Perylene-d12	15.468	264	240674	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	751597	84.339	ng	0.02
7) Phenol-d6	6.446	99	917284	82.321	ng	0.00
23) Nitrobenzene-d5	7.375	82	834324	84.804	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	280011	85.805	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	1738324	83.184	ng	0.00
79) Terphenyl-d14	12.927	244	1520521	86.174	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.693	88	119993	35.586	ng	97
3) Pyridine	3.440	79	305272	36.675	ng	95
4) n-Nitrosodimethylamine	3.416	42	162646	38.656	ng	92
6) Aniline	6.475	93	399084	37.893	ng	96
8) 2-Chlorophenol	6.593	128	426742	43.979	ng	95
9) Benzaldehyde	6.363	77	155090	24.972	ng	93
10) Phenol	6.463	94	515376	43.112	ng	99
11) bis(2-Chloroethyl)ether	6.551	93	378267	43.133	ng	93
12) 1,3-Dichlorobenzene	6.751	146	442013	40.140	ng	97
13) 1,4-Dichlorobenzene	6.828	146	450378	40.233	ng	97
14) 1,2-Dichlorobenzene	6.975	146	427392	40.329	ng	96
15) Benzyl Alcohol	6.951	79	323226	41.373	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.081	45	506338	41.567	ng	96
17) 2-Methylphenol	7.063	107	331290	43.428	ng	99
18) Hexachloroethane	7.316	117	158429	40.348	ng	92
19) n-Nitroso-di-n-propyla...	7.222	70	283731	42.575	ng	96
20) 3+4-Methylphenols	7.216	107	416166	41.976	ng	93
22) Acetophenone	7.216	105	577427	42.290	ng	# 96
24) Nitrobenzene	7.393	77	415584	41.684	ng	93
25) Isophorone	7.628	82	772602	43.552	ng	97
26) 2-Nitrophenol	7.704	139	215010	50.615	ng	95
27) 2,4-Dimethylphenol	7.745	122	365602	65.389	ng	94
28) bis(2-Chloroethoxy)met...	7.840	93	476869	44.441	ng	97
29) 2,4-Dichlorophenol	7.945	162	352581	46.752	ng	98
30) 1,2,4-Trichlorobenzene	8.028	180	387673	41.987	ng	98
31) Naphthalene	8.110	128	1254968	42.947	ng	98
32) Benzoic acid	7.875	122	244319	47.947	ng	97
33) 4-Chloroaniline	8.157	127	179661	18.088	ng	97
34) Hexachlorobutadiene	8.222	225	222516	41.193	ng	99
35) Caprolactam	8.540	113	73254	34.747	ng	88
36) 4-Chloro-3-methylphenol	8.645	107	367884	44.978	ng	98
37) 2-Methylnaphthalene	8.798	142	803037	43.809	ng	97
38) 1-Methylnaphthalene	8.898	142	740562	41.415	ng	95
40) 1,2,4,5-Tetrachloroben...	8.963	216	371049	43.679	ng	98
41) Hexachlorocyclopentadiene	8.951	237	493931	151.110	ng	96
43) 2,4,6-Trichlorophenol	9.081	196	247675	44.920	ng	94

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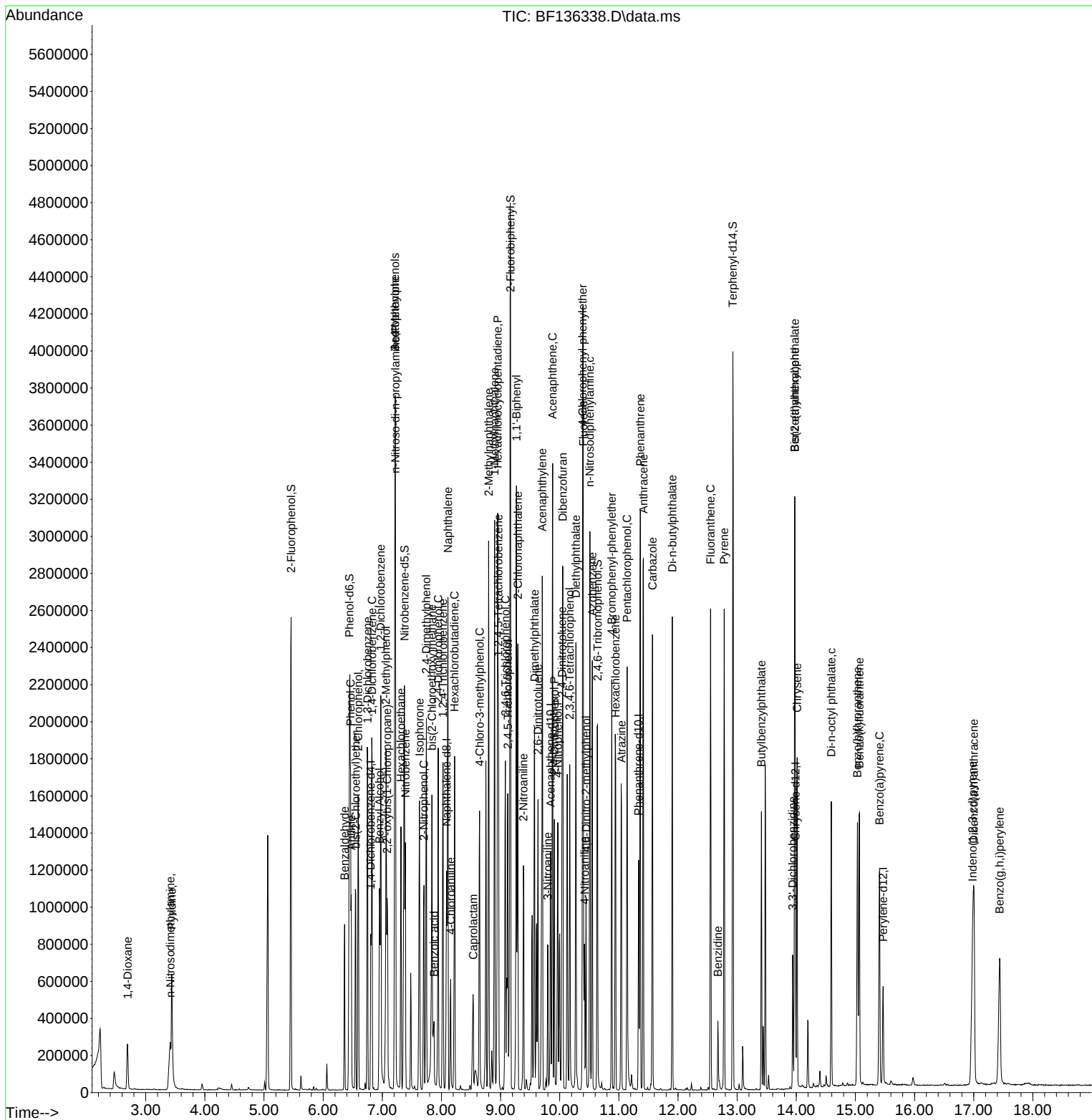
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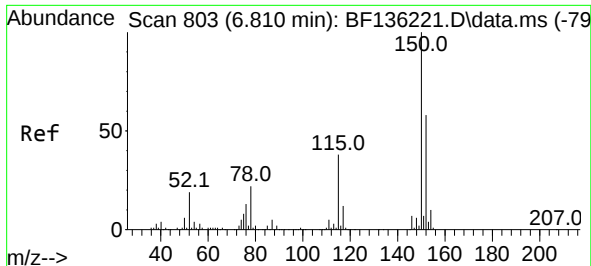
Quant Time: Dec 04 05:59:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	266456	44.283	ng	99
46) 1,1'-Biphenyl	9.269	154	1031785	43.834	ng	98
47) 2-Chloronaphthalene	9.292	162	774144	42.350	ng	99
48) 2-Nitroaniline	9.387	65	215849	45.227	ng	92
49) Acenaphthylene	9.704	152	1179148	45.202	ng	99
50) Dimethylphthalate	9.575	163	904060	44.812	ng	99
51) 2,6-Dinitrotoluene	9.634	165	191115	46.370	ng	93
52) Acenaphthene	9.881	154	725718	44.022	ng	97
53) 3-Nitroaniline	9.798	138	118009	28.856	ng	99
54) 2,4-Dinitrophenol	9.910	184	178274	93.003	ng	95
55) Dibenzofuran	10.051	168	1062793	43.325	ng	98
56) 4-Nitrophenol	9.969	139	259047	83.403	ng	90
57) 2,4-Dinitrotoluene	10.039	165	243940	44.309	ng	97
58) Fluorene	10.398	166	823028	42.774	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.169	232	221936	46.357	ng	97
60) Diethylphthalate	10.275	149	862164	42.722	ng	97
61) 4-Chlorophenyl-phenyle...	10.386	204	402851	43.112	ng	93
62) 4-Nitroaniline	10.422	138	164682	41.140	ng	92
63) Azobenzene	10.551	77	784197	41.915	ng	95
65) 4,6-Dinitro-2-methylph...	10.445	198	124872	49.651	ng	95
66) n-Nitrosodiphenylamine	10.510	169	722662	49.033	ng	99
67) 4-Bromophenyl-phenylether	10.881	248	254007	47.340	ng	96
68) Hexachlorobenzene	10.945	284	284764	45.856	ng	98
69) Atrazine	11.045	200	229002	52.378	ng	97
70) Pentachlorophenol	11.139	266	277360	79.015	ng	98
71) Phenanthrene	11.363	178	1192467	46.132	ng	99
72) Anthracene	11.416	178	1222676	47.168	ng	99
73) Carbazole	11.569	167	934411	42.383	ng	99
74) Di-n-butylphthalate	11.904	149	1197349	43.406	ng	99
75) Fluoranthene	12.551	202	1026649	39.124	ng	95
77) Benzidine	12.675	184	163671	48.920	ng	99
78) Pyrene	12.780	202	1014949	45.534	ng	98
80) Butylbenzylphthalate	13.410	149	318998	45.984	ng	99
81) Benzo(a)anthracene	13.974	228	675858	44.707	ng	99
82) 3,3'-Dichlorobenzidine	13.939	252	151620	41.665	ng	96
83) Chrysene	14.016	228	647288	44.345	ng	97
84) Bis(2-ethylhexyl)phtha...	13.974	149	401394	48.212	ng #	98
85) Di-n-octyl phthalate	14.592	149	732117	53.483	ng	99
87) Indeno(1,2,3-cd)pyrene	16.980	276	816041	45.508	ng	99
88) Benzo(b)fluoranthene	15.033	252	739492	43.795	ng	99
89) Benzo(k)fluoranthene	15.069	252	660300	41.173	ng	98
90) Benzo(a)pyrene	15.410	252	621955	45.058	ng	98
91) Dibenzo(a,h)anthracene	17.004	278	669234	46.443	ng	100
92) Benzo(g,h,i)perylene	17.439	276	638854	44.248	ng	99

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

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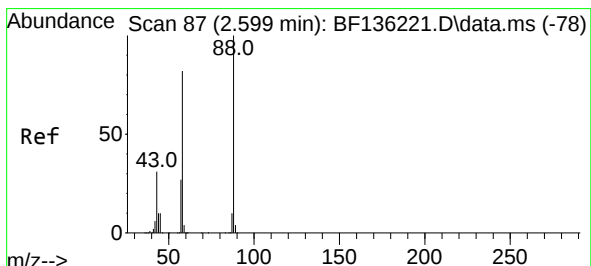
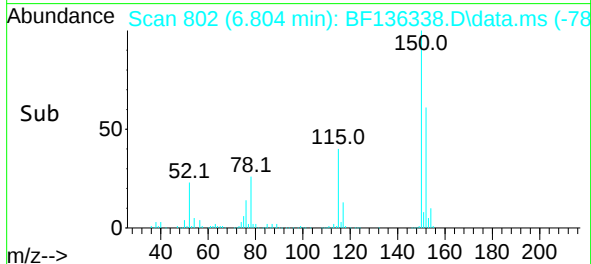
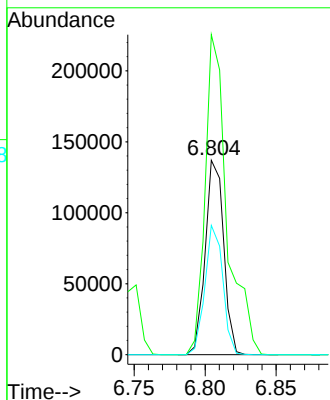
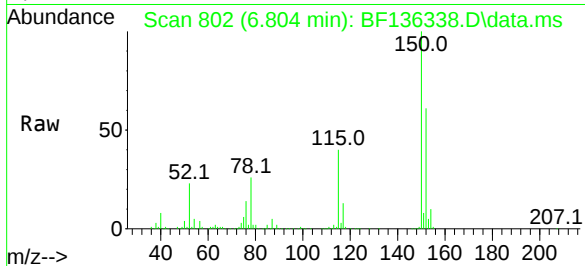




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.804 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF136338.D
 Acq: 01 Dec 2023 15:20

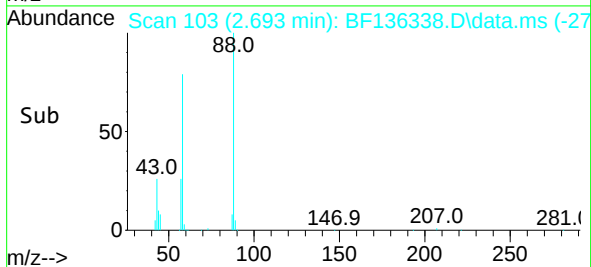
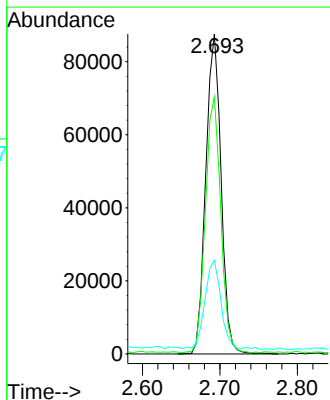
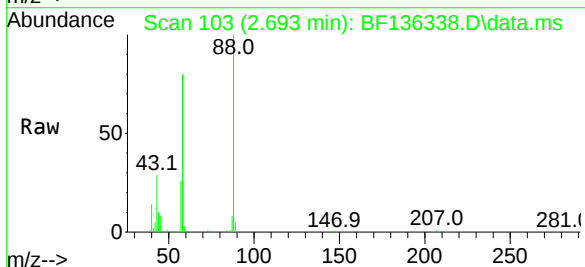
Instrument :
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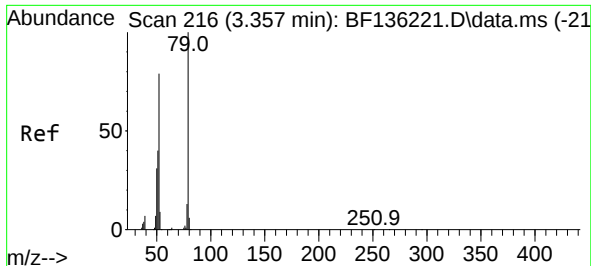
Tgt Ion:152 Resp: 124036
 Ion Ratio Lower Upper
 152 100
 150 164.5 137.8 206.8
 115 66.5 52.7 79.1



#2
 1,4-Dioxane
 Concen: 35.586 ng
 RT: 2.693 min Scan# 103
 Delta R.T. 0.094 min
 Lab File: BF136338.D
 Acq: 01 Dec 2023 15:20

Tgt Ion: 88 Resp: 119993
 Ion Ratio Lower Upper
 88 100
 58 80.5 65.9 98.9
 43 28.5 24.8 37.2

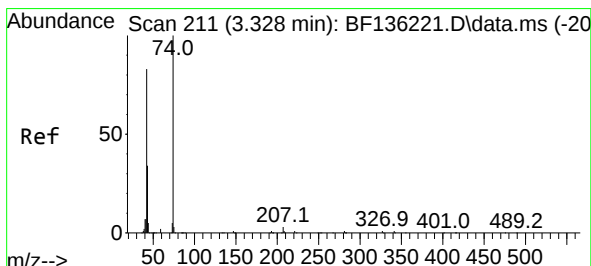
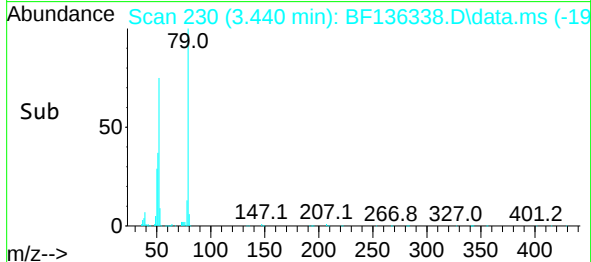
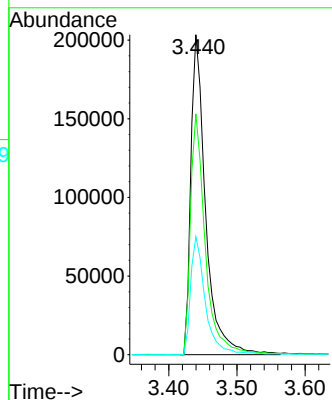
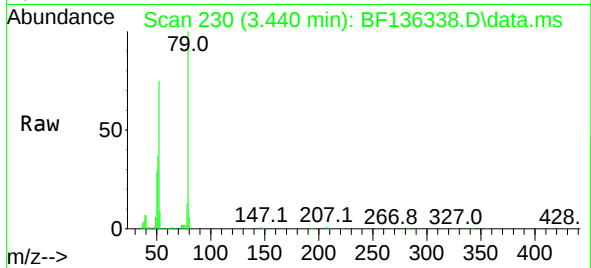




#3
 Pyridine
 Concen: 36.675 ng
 RT: 3.440 min Scan# 216
 Delta R.T. 0.083 min
 Lab File: BF136338.D
 Acq: 01 Dec 2023 15:20

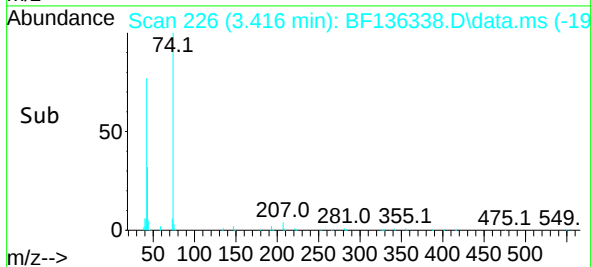
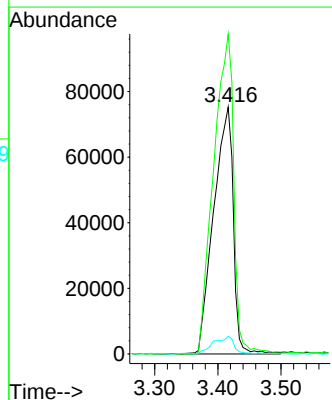
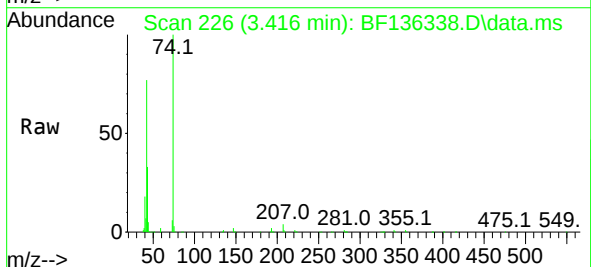
Instrument :
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 ClientSampleId :
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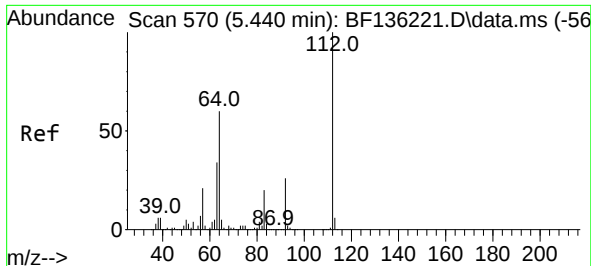
Tgt Ion: 79 Resp: 305272
 Ion Ratio Lower Upper
 79 100
 52 75.2 63.2 94.8
 51 36.9 32.6 49.0



#4
 n-Nitrosodimethylamine
 Concen: 38.656 ng
 RT: 3.416 min Scan# 226
 Delta R.T. 0.088 min
 Lab File: BF136338.D
 Acq: 01 Dec 2023 15:20

Tgt Ion: 42 Resp: 162646
 Ion Ratio Lower Upper
 42 100
 74 129.6 96.6 144.8
 44 7.1 5.4 8.2

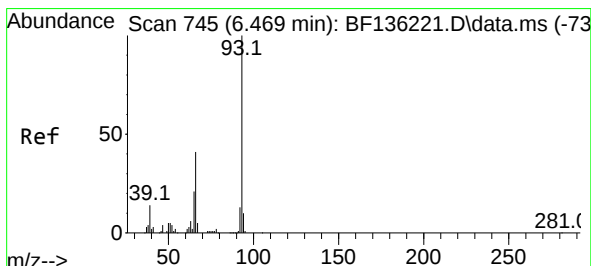
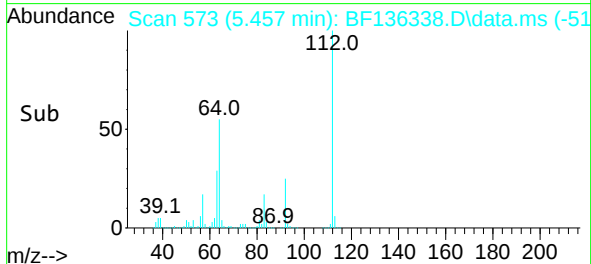
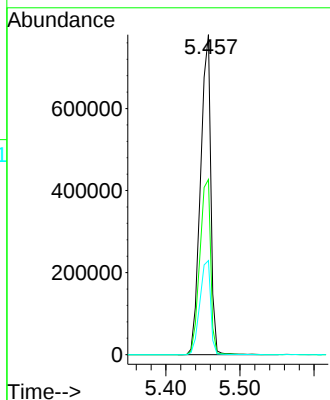
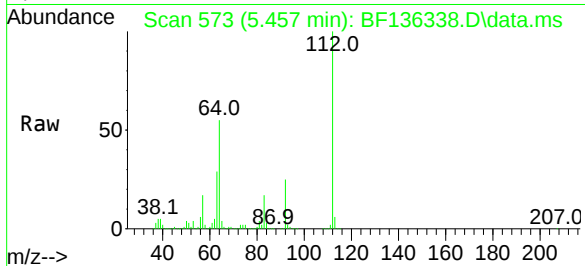




#5
2-Fluorophenol
Concen: 84.339 ng
RT: 5.457 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF136338.D
Acq: 01 Dec 2023 15:20

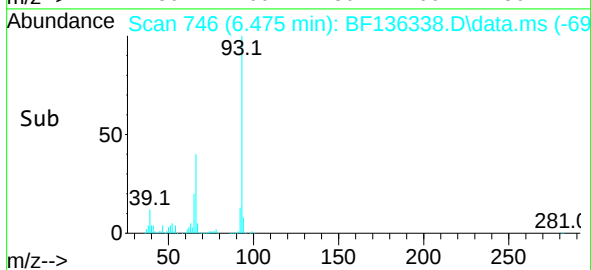
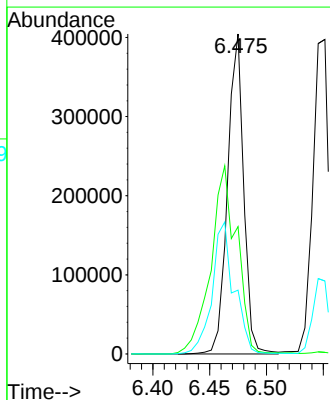
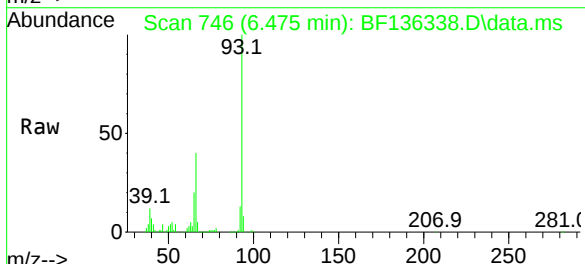
Instrument :
BNA_F
ClientSampleId :
PB157140BSD

Tgt Ion:112 Resp: 751597
Ion Ratio Lower Upper
112 100
64 54.7 48.2 72.4
63 29.4 27.0 40.6



#6
Aniline
Concen: 37.893 ng
RT: 6.475 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF136338.D
Acq: 01 Dec 2023 15:20

Tgt Ion: 93 Resp: 399084
Ion Ratio Lower Upper
93 100
66 39.8 34.1 51.1
65 19.9 17.3 25.9

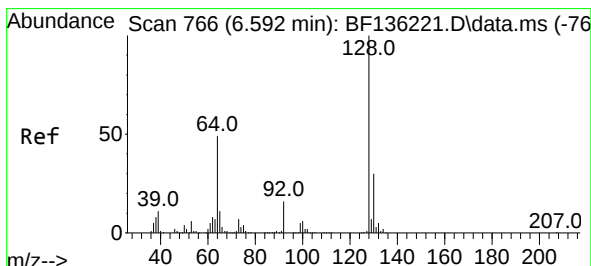
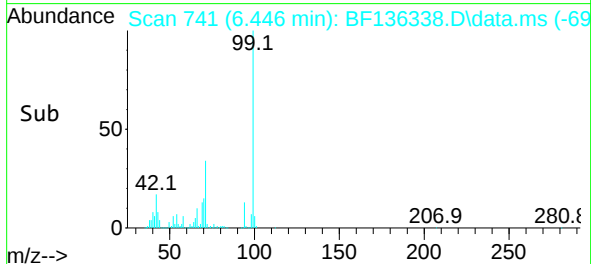
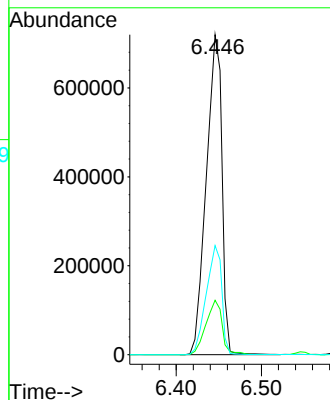
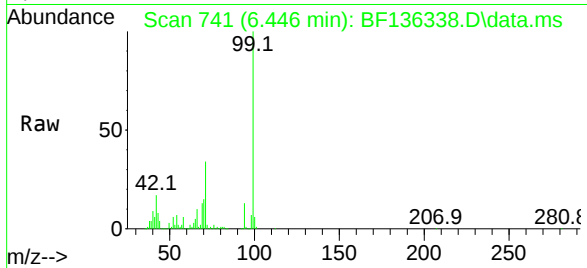




#7
Phenol-d6
Concen: 82.321 ng
RT: 6.446 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF136338.D
Acq: 01 Dec 2023 15:20

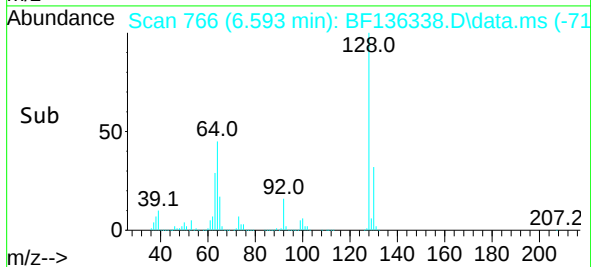
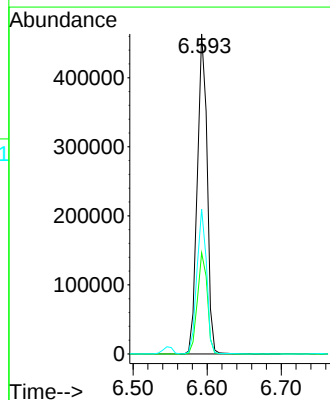
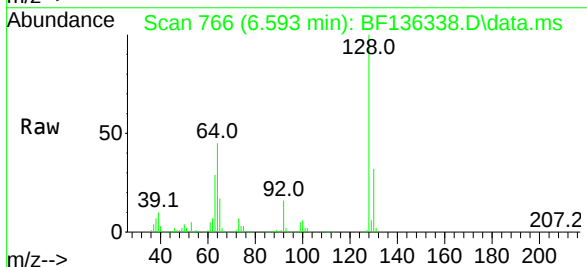
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 99 Resp: 917284
Ion Ratio Lower Upper
99 100
42 17.0 15.0 22.6
71 34.1 28.9 43.3



#8
2-Chlorophenol
Concen: 43.979 ng
RT: 6.593 min Scan# 766
Delta R.T. 0.000 min
Lab File: BF136338.D
Acq: 01 Dec 2023 15:20

Tgt Ion:128 Resp: 426742
Ion Ratio Lower Upper
128 100
130 31.6 10.3 50.3
64 45.3 30.0 70.0





#9

Benzaldehyde

Concen: 24.972 ng

RT: 6.363 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF136338.D

Acq: 01 Dec 2023 15:20

Instrument :

BNA_F

ClientSampleId :

PB157140BSD

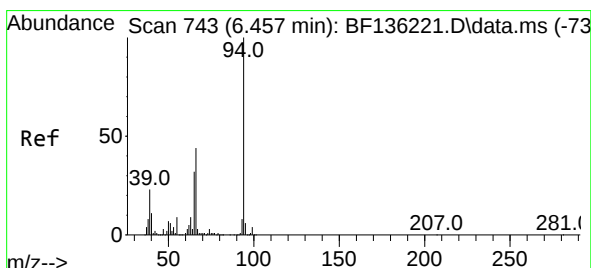
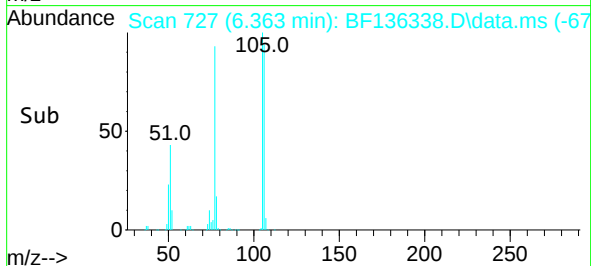
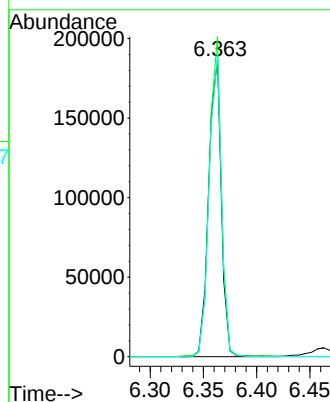
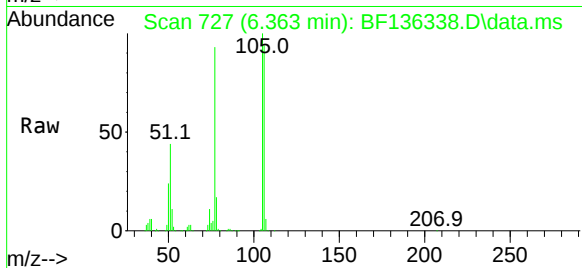
Tgt Ion: 77 Resp: 155090

Ion Ratio Lower Upper

77 100

105 107.6 84.3 124.3

106 101.6 71.0 111.0



#10

Phenol

Concen: 43.112 ng

RT: 6.463 min Scan# 744

Delta R.T. 0.006 min

Lab File: BF136338.D

Acq: 01 Dec 2023 15:20

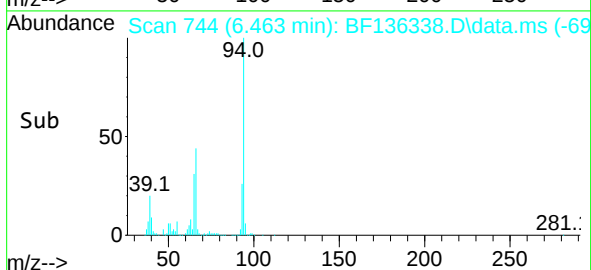
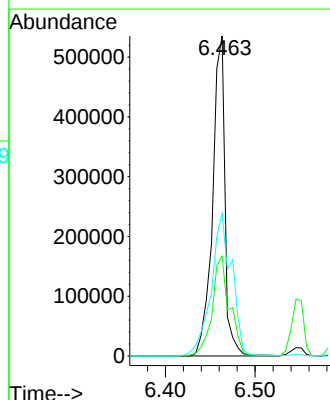
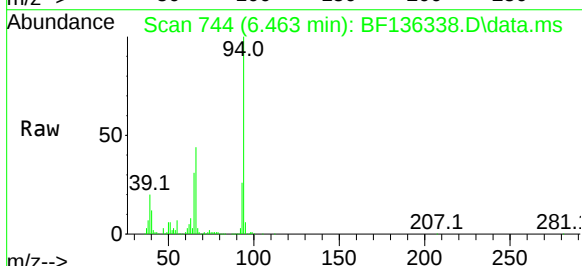
Tgt Ion: 94 Resp: 515376

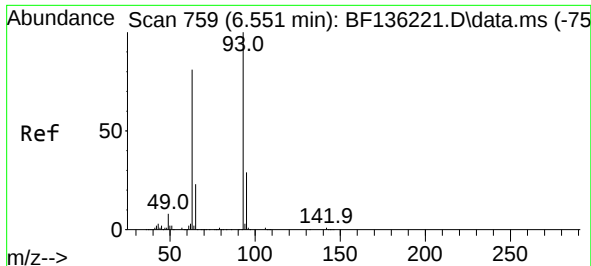
Ion Ratio Lower Upper

94 100

65 31.2 12.5 52.5

66 44.4 24.1 64.1

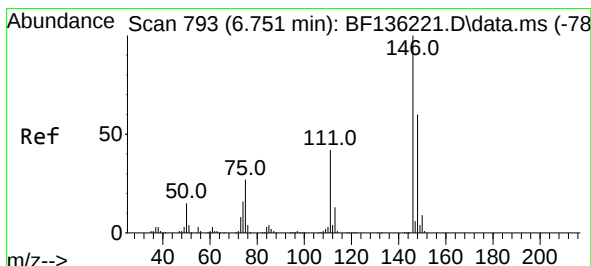
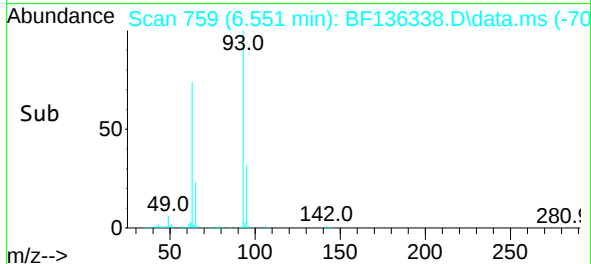
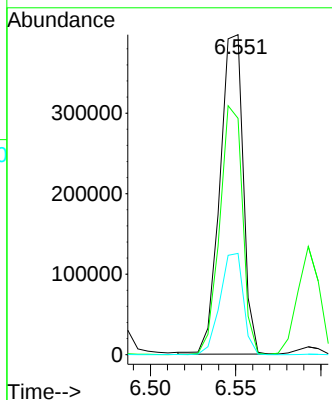
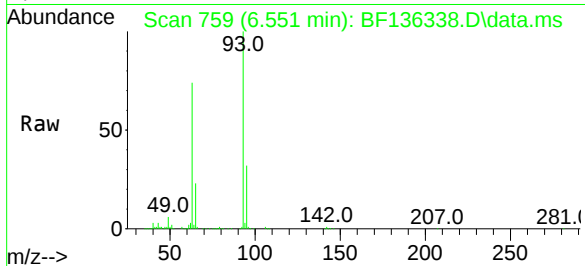




#11
bis(2-Chloroethyl)ether
Concen: 43.133 ng
RT: 6.551 min Scan# 759
Delta R.T. 0.000 min
Lab File: BF136338.D
Acq: 01 Dec 2023 15:20

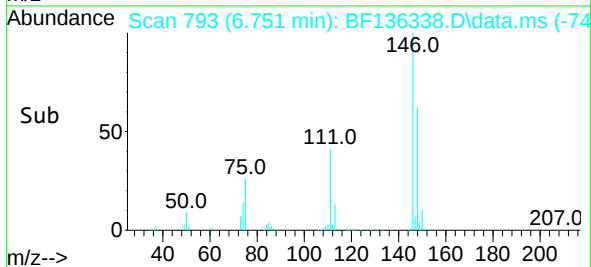
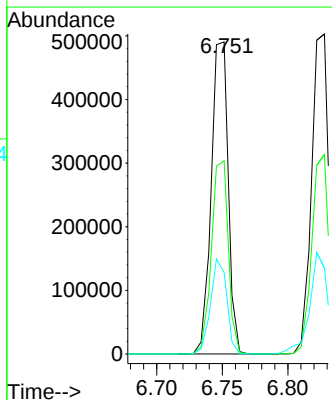
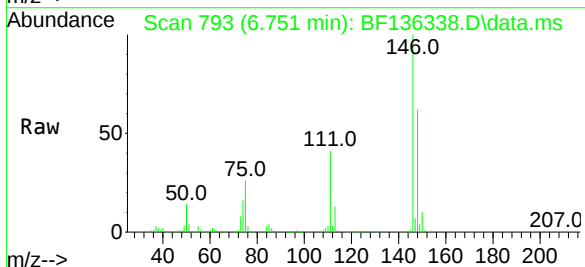
Instrument :
BNA_F
ClientSampleId :
PB157140BSD

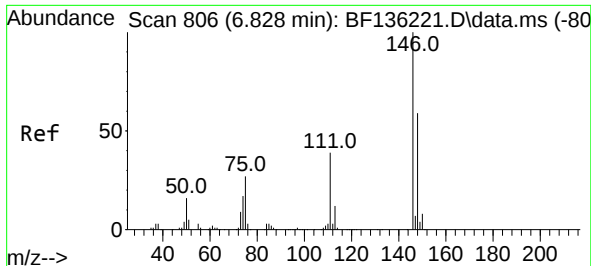
Tgt Ion: 93 Resp: 378267
Ion Ratio Lower Upper
93 100
63 73.8 60.2 100.2
95 31.7 9.1 49.1



#12
1,3-Dichlorobenzene
Concen: 40.140 ng
RT: 6.751 min Scan# 793
Delta R.T. 0.000 min
Lab File: BF136338.D
Acq: 01 Dec 2023 15:20

Tgt Ion: 146 Resp: 442013
Ion Ratio Lower Upper
146 100
148 61.9 47.8 71.6
75 26.1 22.0 33.0





#13

1,4-Dichlorobenzene

Concen: 40.233 ng

RT: 6.828 min Scan# 806

Delta R.T. 0.000 min

Lab File: BF136338.D

Acq: 01 Dec 2023 15:20

Instrument :

BNA_F

ClientSampleId :

PB157140BSD

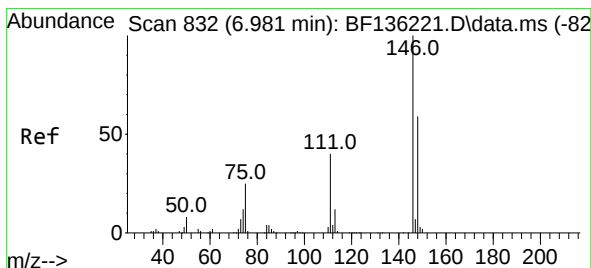
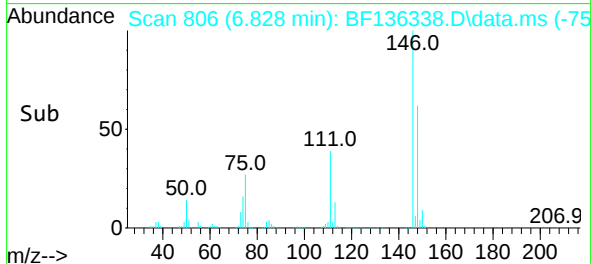
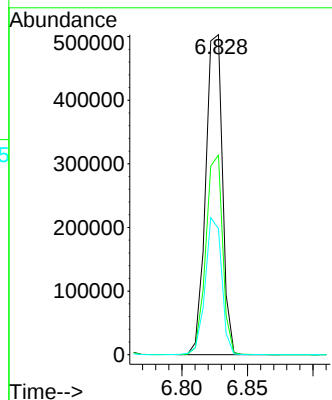
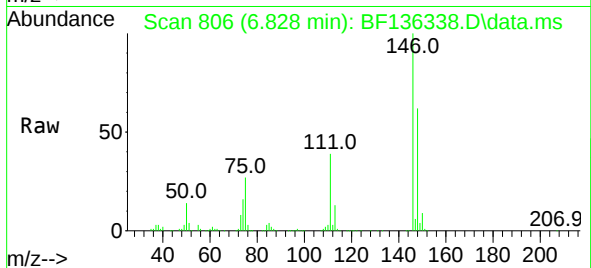
Tgt Ion:146 Resp: 450378

Ion Ratio Lower Upper

146 100

148 62.3 47.0 70.6

111 39.4 31.5 47.3



#14

1,2-Dichlorobenzene

Concen: 40.329 ng

RT: 6.975 min Scan# 831

Delta R.T. -0.006 min

Lab File: BF136338.D

Acq: 01 Dec 2023 15:20

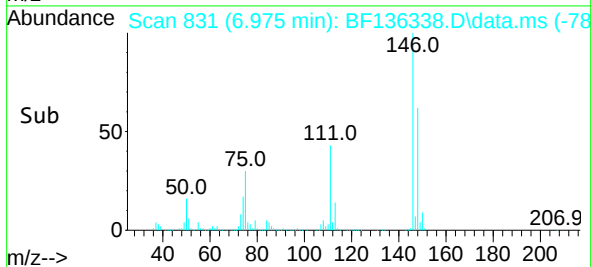
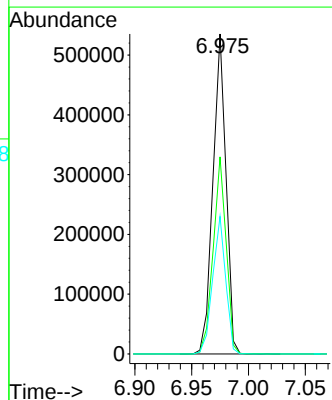
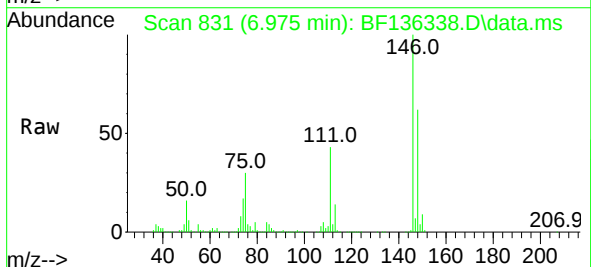
Tgt Ion:146 Resp: 427392

Ion Ratio Lower Upper

146 100

148 61.6 47.3 70.9

111 43.0 32.4 48.6

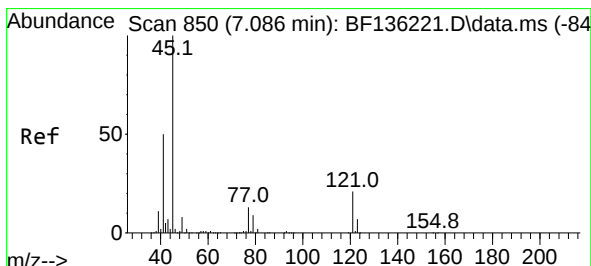
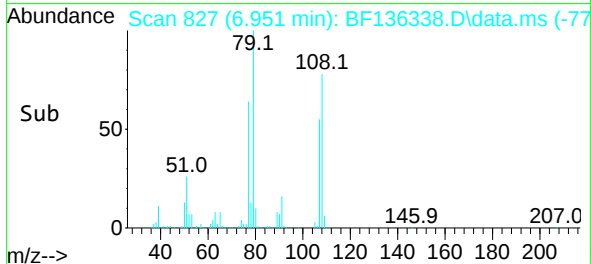
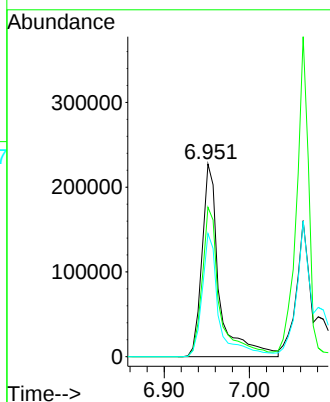
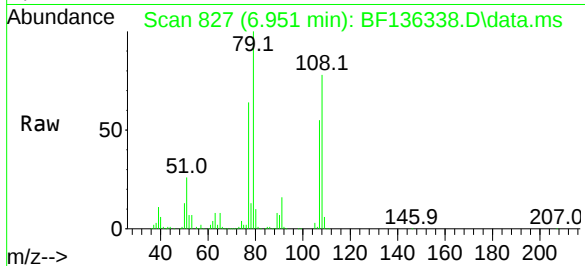




#15
Benzyl Alcohol
Concen: 41.373 ng
RT: 6.951 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136338.D
Acq: 01 Dec 2023 15:20

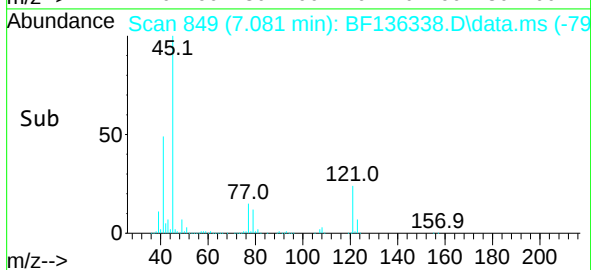
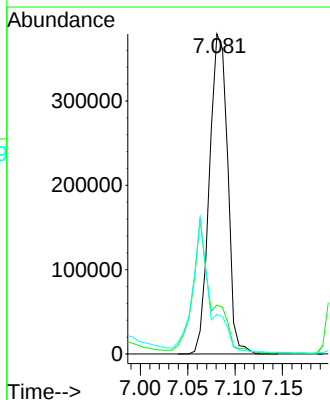
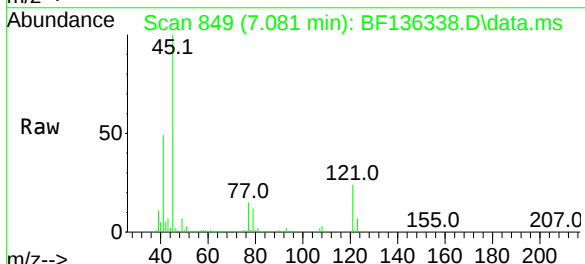
Instrument :
BNA_F
ClientSampleId :
PB157140BSD

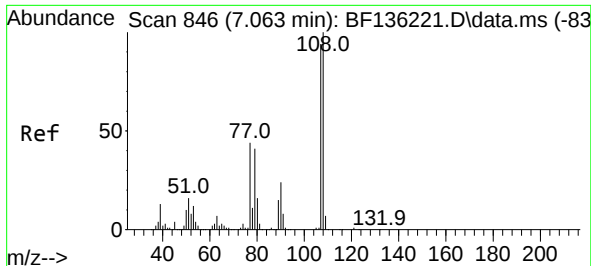
Tgt Ion: 79 Resp: 323226
Ion Ratio Lower Upper
79 100
108 77.5 58.1 87.1
77 63.9 51.8 77.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.567 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF136338.D
Acq: 01 Dec 2023 15:20

Tgt Ion: 45 Resp: 506338
Ion Ratio Lower Upper
45 100
77 15.3 0.0 34.0
79 12.4 0.0 30.1

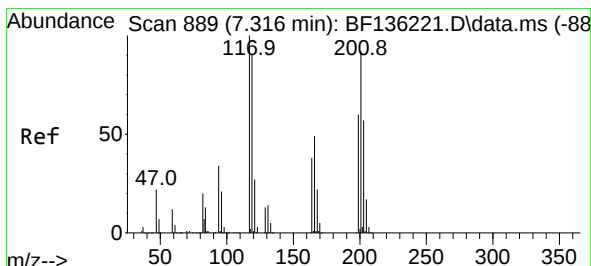
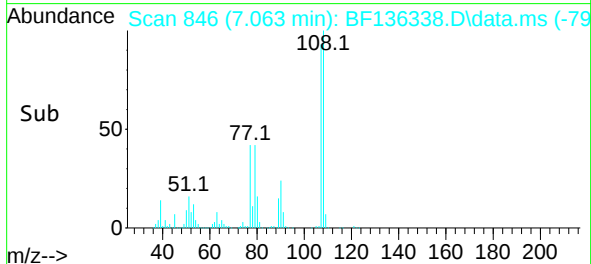
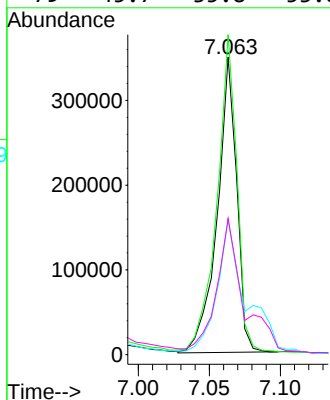
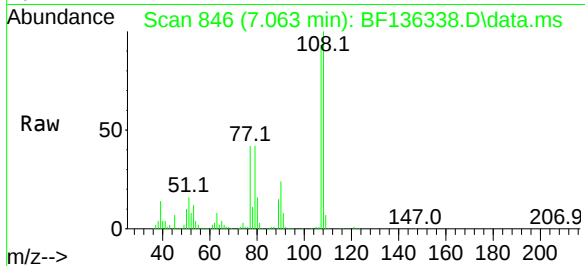




#17
2-Methylphenol
Concen: 43.428 ng
RT: 7.063 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF136338.D
Acq: 01 Dec 2023 15:20

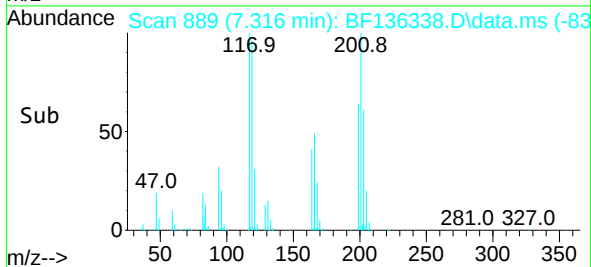
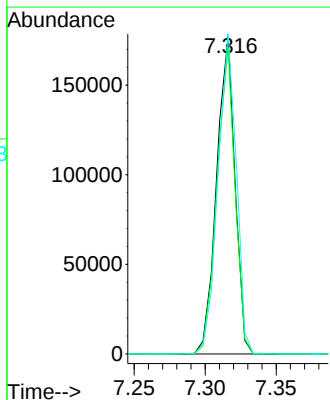
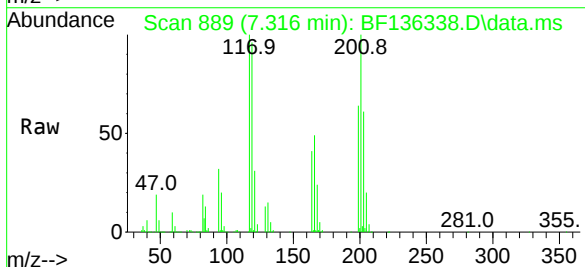
Instrument :
BNA_F
ClientSampleId :
PB157140BSD

Tgt Ion:	107	Resp:	331290
Ion	Ratio	Lower	Upper
107	100		
108	107.5	85.4	128.0
77	45.6	37.4	56.2
79	45.7	35.8	53.8



#18
Hexachloroethane
Concen: 40.348 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF136338.D
Acq: 01 Dec 2023 15:20

Tgt Ion:	117	Resp:	158429
Ion	Ratio	Lower	Upper
117	100		
119	96.1	71.6	107.4
201	100.5	73.4	110.2





#19

n-Nitroso-di-n-propylamine

Concen: 42.575 ng

RT: 7.222 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF136338.D

Acq: 01 Dec 2023 15:20

Instrument :

BNA_F

ClientSampleId :

PB157140BSD

Tgt Ion: 70 Resp: 283731

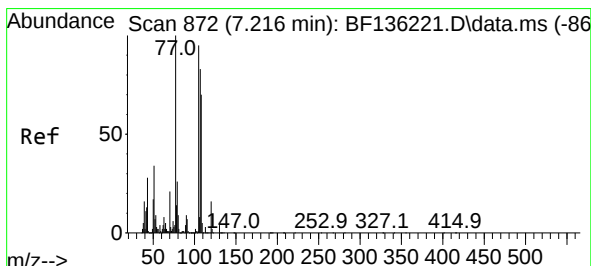
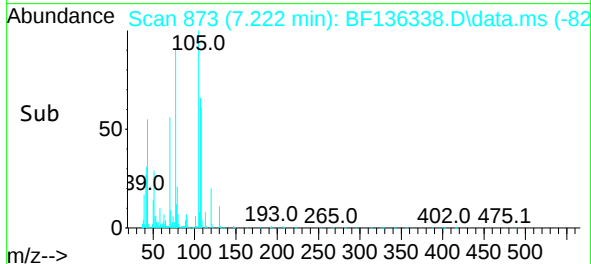
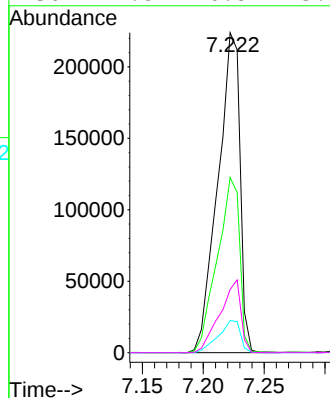
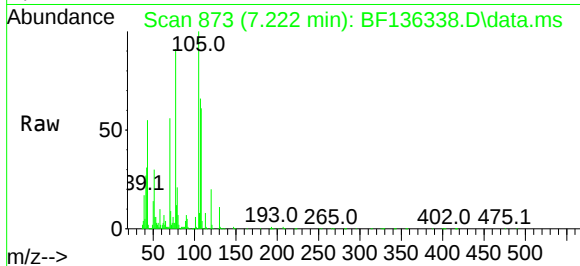
Ion Ratio Lower Upper

70 100

42 54.8 47.0 70.4

101 10.0 7.8 11.8

130 19.8 16.8 25.2



#20

3+4-Methylphenols

Concen: 41.976 ng

RT: 7.216 min Scan# 872

Delta R.T. 0.000 min

Lab File: BF136338.D

Acq: 01 Dec 2023 15:20

Tgt Ion:107 Resp: 416166

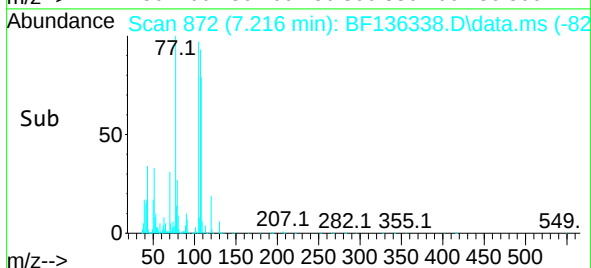
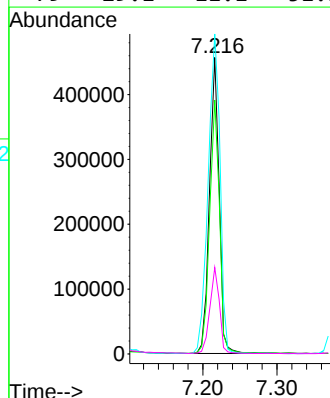
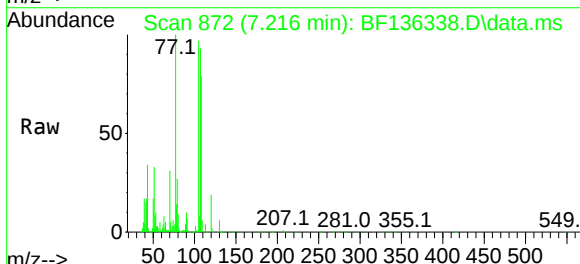
Ion Ratio Lower Upper

107 100

108 85.7 63.9 103.9

77 107.9 100.2 140.2

79 29.1 11.1 51.1



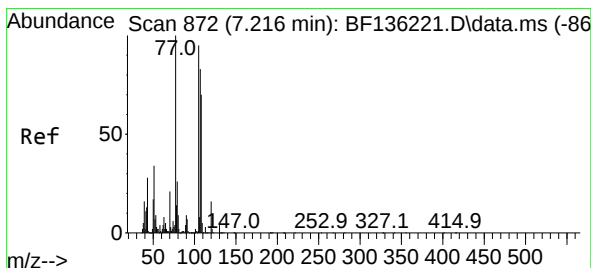
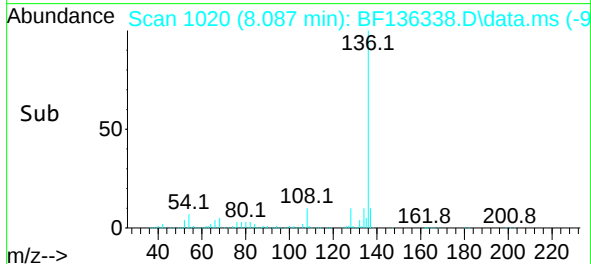
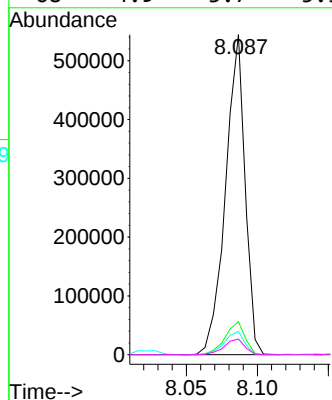
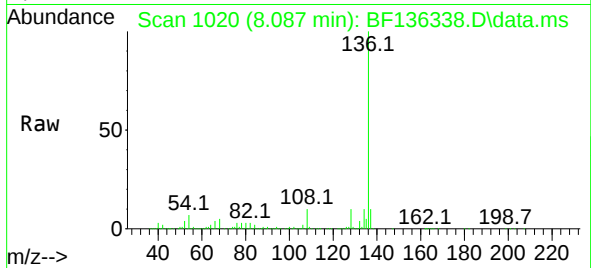


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.087 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BF136338.D
Acq: 01 Dec 2023 15:20

Instrument :
BNA_F
ClientSampleId :
PB157140BSD

Tgt Ion:136 Resp: 519884

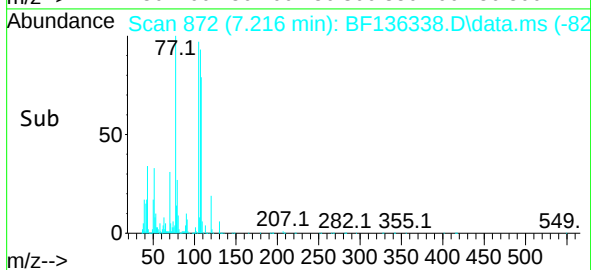
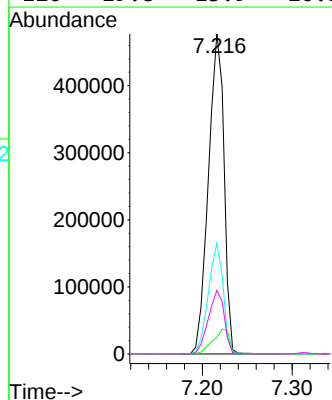
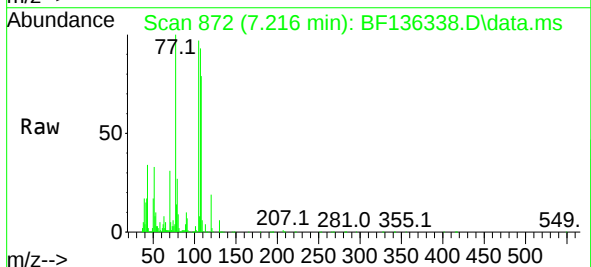
Ion	Ratio	Lower	Upper
136	100		
137	10.3	7.4	11.2
54	7.3	5.5	8.3
68	4.9	3.7	5.5

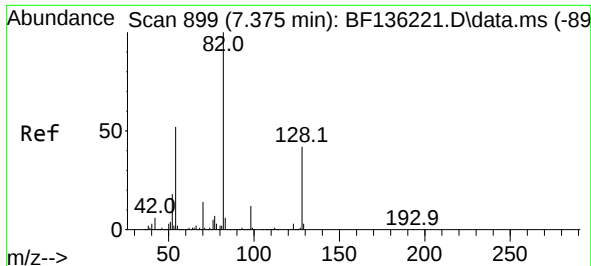


#22
Acetophenone
Concen: 42.290 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF136338.D
Acq: 01 Dec 2023 15:20

Tgt Ion:105 Resp: 577427

Ion	Ratio	Lower	Upper
105	100		
71	5.2	2.8	4.2#
51	34.5	29.0	43.6
120	19.8	13.9	20.9

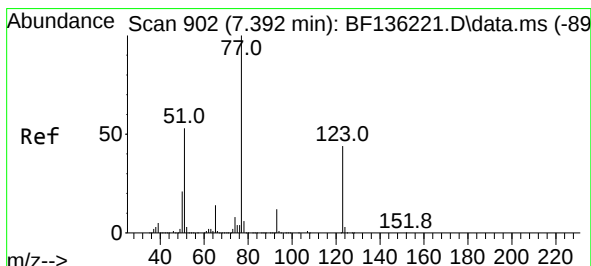
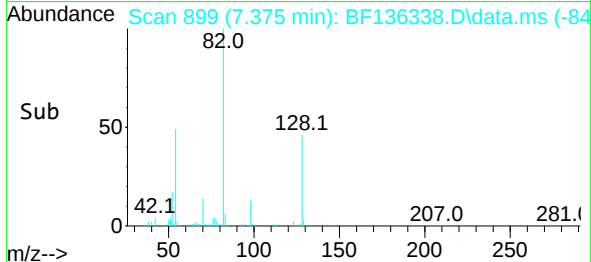
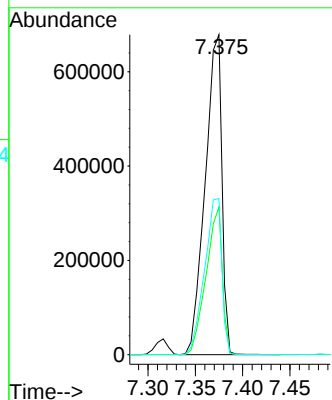
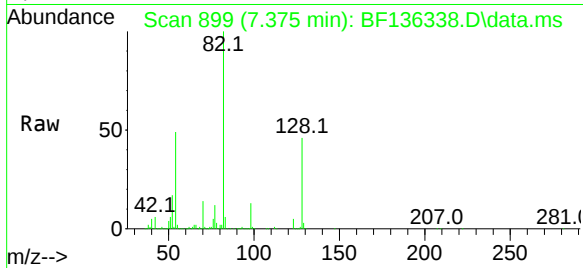




#23
Nitrobenzene-d5
Concen: 84.804 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF136338.D
Acq: 01 Dec 2023 15:20

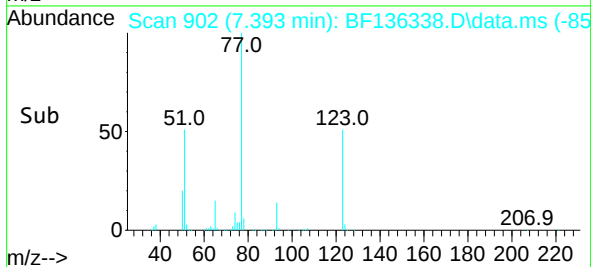
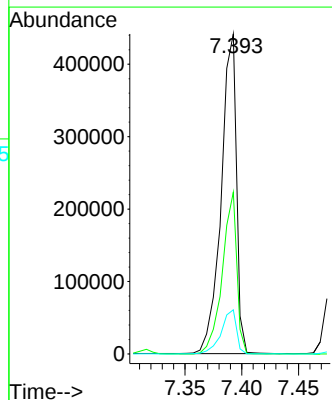
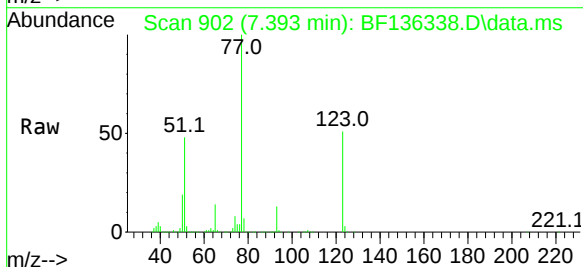
Instrument :
BNA_F
ClientSampleId :
PB157140BSD

Tgt Ion: 82 Resp: 834324
Ion Ratio Lower Upper
82 100
128 46.1 33.4 50.2
54 48.8 41.7 62.5



#24
Nitrobenzene
Concen: 41.684 ng
RT: 7.393 min Scan# 902
Delta R.T. 0.000 min
Lab File: BF136338.D
Acq: 01 Dec 2023 15:20

Tgt Ion: 77 Resp: 415584
Ion Ratio Lower Upper
77 100
123 50.5 35.4 53.2
65 13.8 11.0 16.6

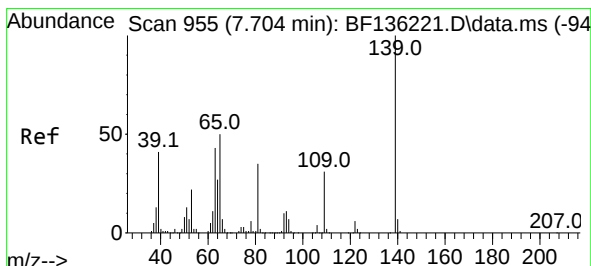
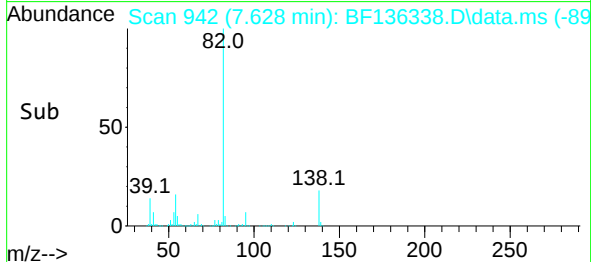
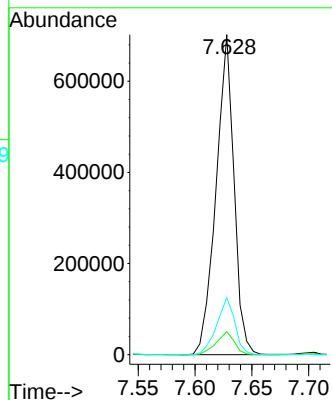
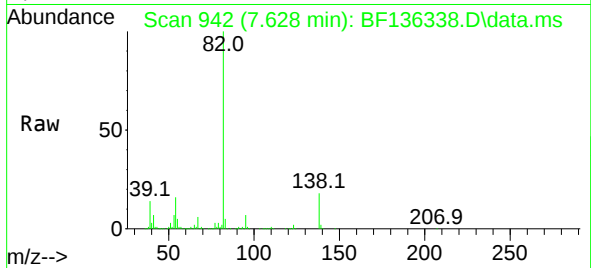




#25
Isophorone
Concen: 43.552 ng
RT: 7.628 min Scan# 942
Delta R.T. 0.000 min
Lab File: BF136338.D
Acq: 01 Dec 2023 15:20

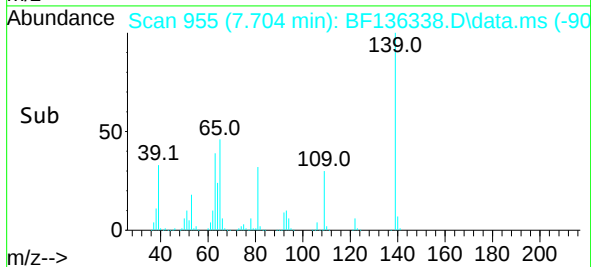
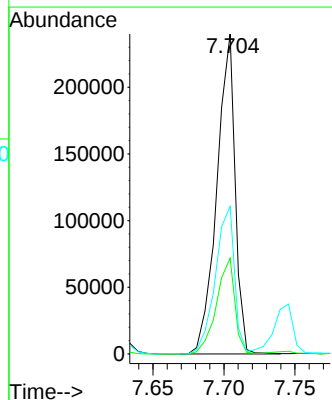
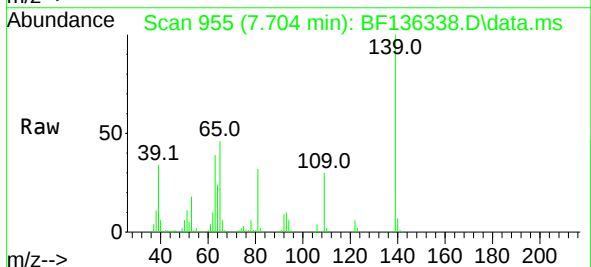
Instrument :
BNA_F
ClientSampleId :
PB157140BSD

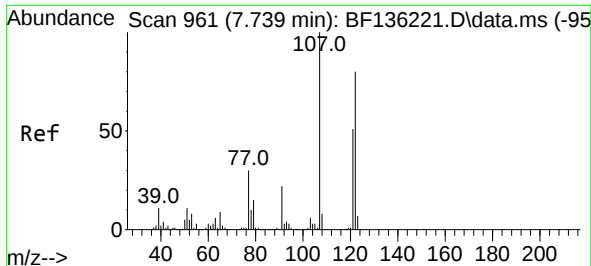
Tgt Ion: 82 Resp: 772602
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 17.8 12.8 19.2



#26
2-Nitrophenol
Concen: 50.615 ng
RT: 7.704 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF136338.D
Acq: 01 Dec 2023 15:20

Tgt Ion: 139 Resp: 215010
Ion Ratio Lower Upper
139 100
109 30.0 25.0 37.6
65 46.1 40.4 60.6





#27

2,4-Dimethylphenol

Concen: 65.389 ng

RT: 7.745 min Scan# 961

Delta R.T. 0.006 min

Lab File: BF136338.D

Acq: 01 Dec 2023 15:20

Instrument :

BNA_F

ClientSampleId :

PB157140BSD

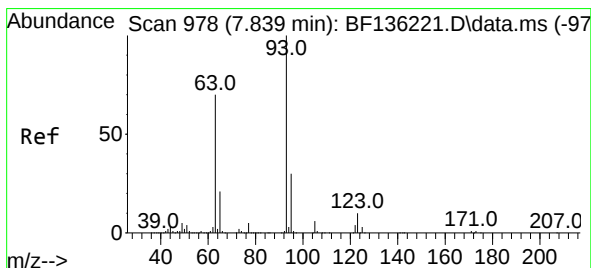
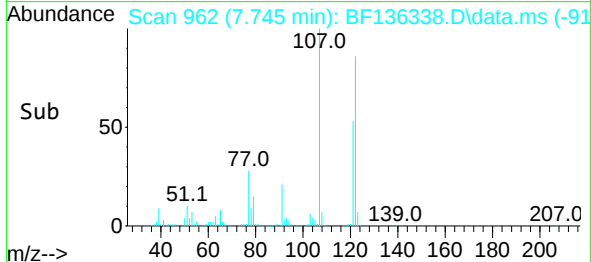
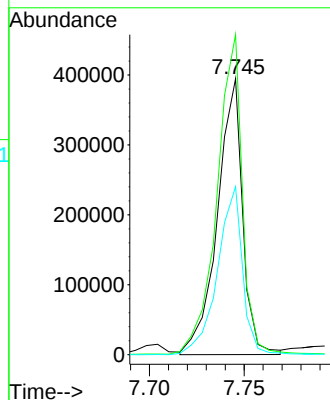
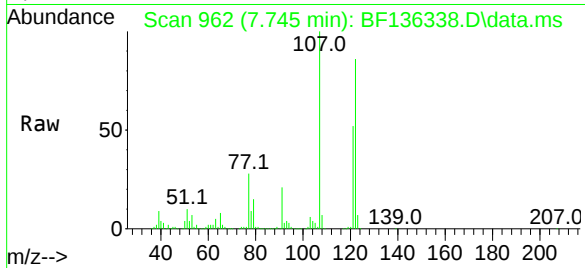
Tgt Ion:122 Resp: 365602

Ion Ratio Lower Upper

122 100

107 116.0 100.0 150.0

121 60.9 50.7 76.1



#28

bis(2-Chloroethoxy)methane

Concen: 44.441 ng

RT: 7.840 min Scan# 978

Delta R.T. 0.000 min

Lab File: BF136338.D

Acq: 01 Dec 2023 15:20

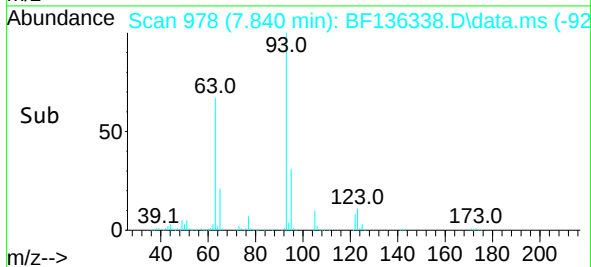
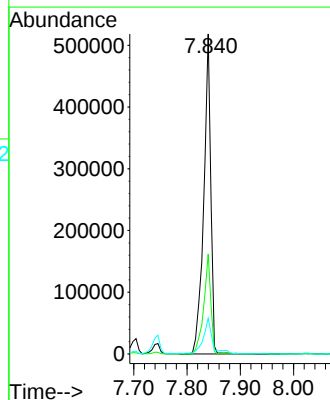
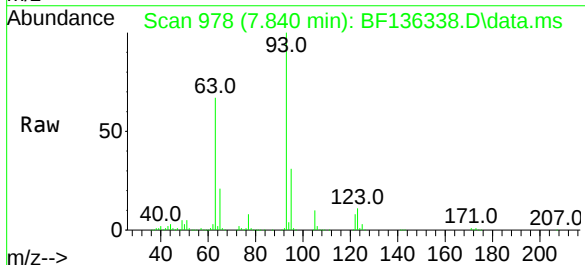
Tgt Ion: 93 Resp: 476869

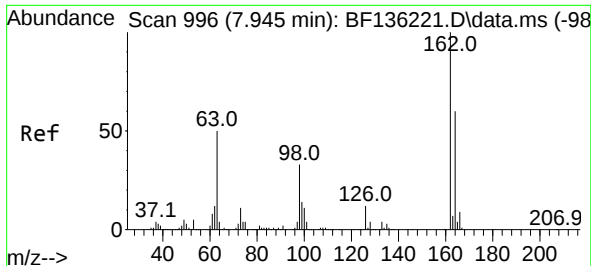
Ion Ratio Lower Upper

93 100

95 31.2 23.8 35.6

123 11.1 8.2 12.4

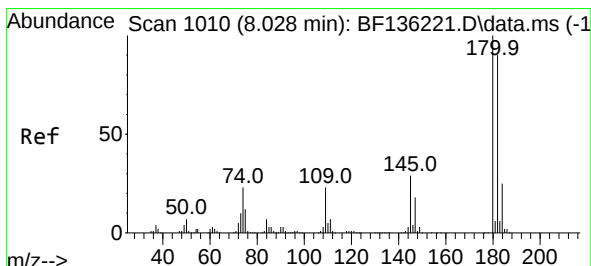
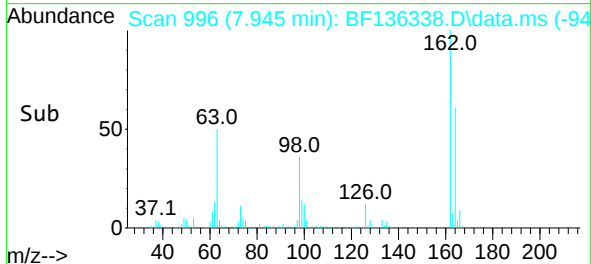
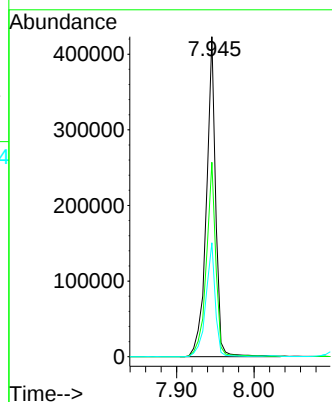
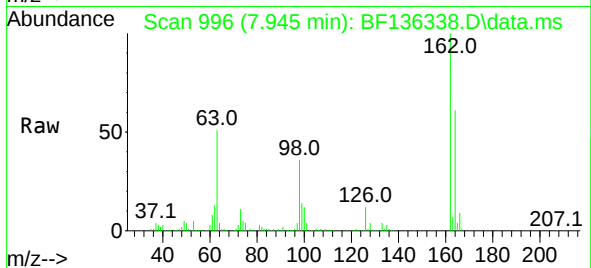




#29
2,4-Dichlorophenol
Concen: 46.752 ng
RT: 7.945 min Scan# 996
Delta R.T. 0.000 min
Lab File: BF136338.D
Acq: 01 Dec 2023 15:20

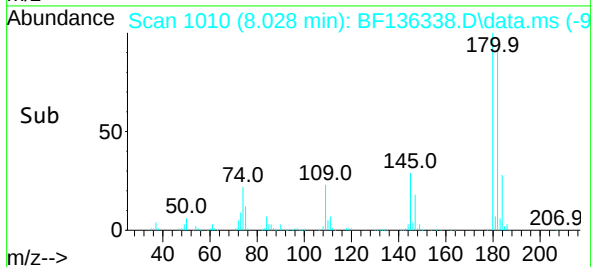
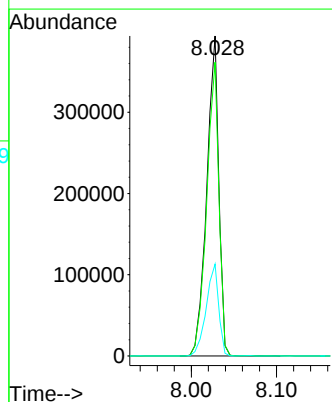
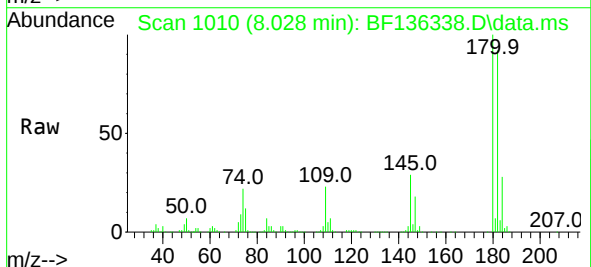
Instrument :
BNA_F
ClientSampleId :
PB157140BSD

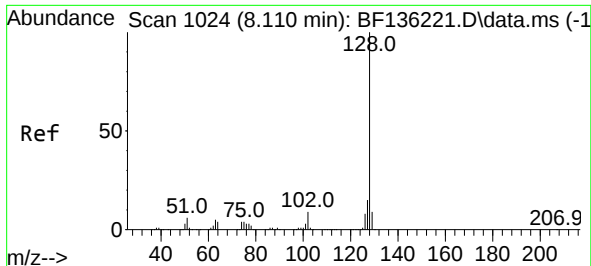
Tgt Ion:162 Resp: 352581
Ion Ratio Lower Upper
162 100
164 60.7 40.3 80.3
98 35.6 13.0 53.0



#30
1,2,4-Trichlorobenzene
Concen: 41.987 ng
RT: 8.028 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BF136338.D
Acq: 01 Dec 2023 15:20

Tgt Ion:180 Resp: 387673
Ion Ratio Lower Upper
180 100
182 91.8 71.6 107.4
145 28.7 23.0 34.4

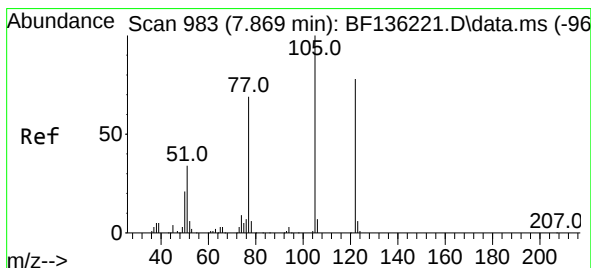
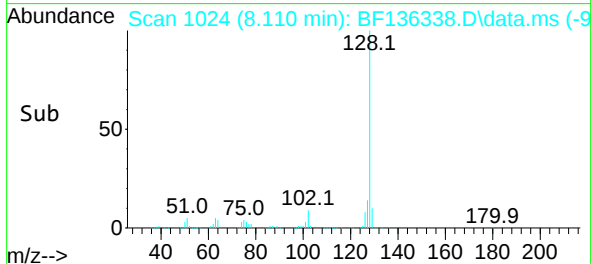
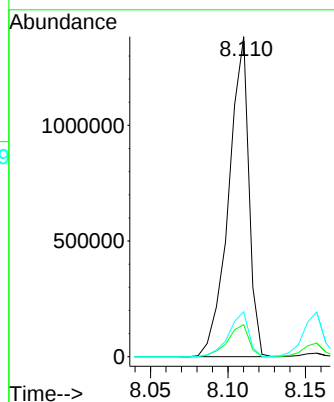
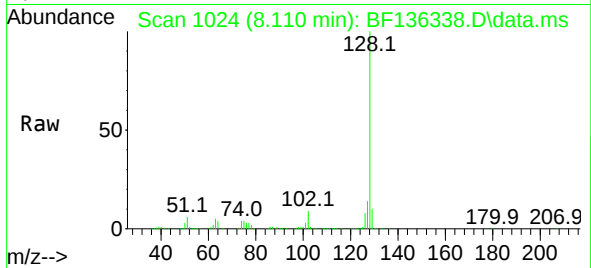




#31
Naphthalene
Concen: 42.947 ng
RT: 8.110 min Scan# 1024
Delta R.T. 0.000 min
Lab File: BF136338.D
Acq: 01 Dec 2023 15:20

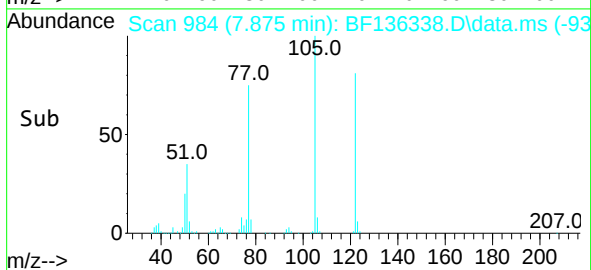
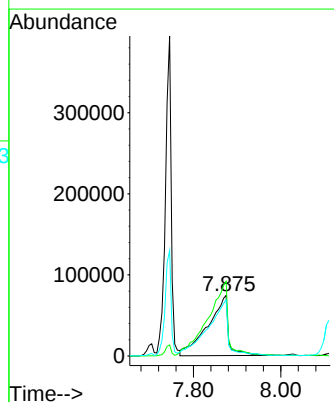
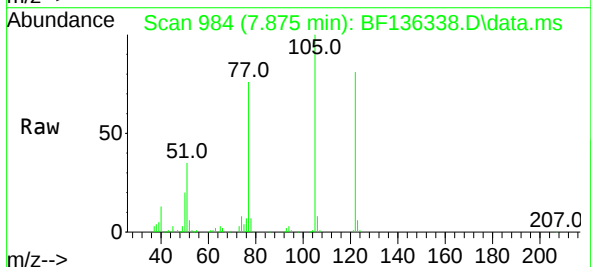
Instrument :
BNA_F
ClientSampleId :
PB157140BSD

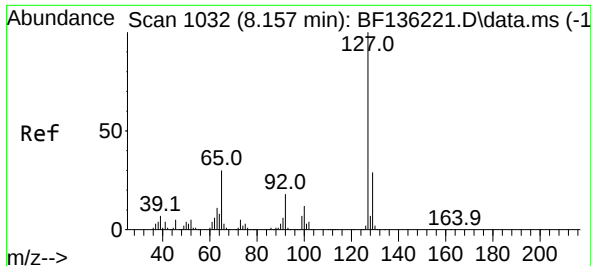
Tgt Ion:128 Resp: 1254968
Ion Ratio Lower Upper
128 100
129 10.0 7.3 10.9
127 14.1 11.8 17.6



#32
Benzoic acid
Concen: 47.947 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.006 min
Lab File: BF136338.D
Acq: 01 Dec 2023 15:20

Tgt Ion:122 Resp: 244319
Ion Ratio Lower Upper
122 100
105 123.4 103.7 143.7
77 93.2 66.8 106.8

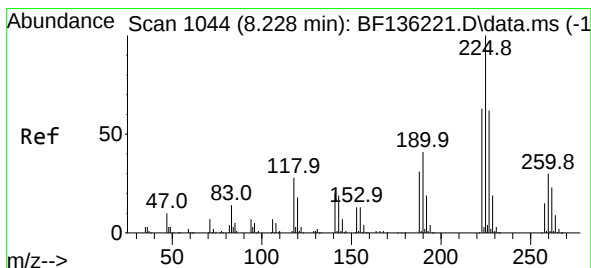
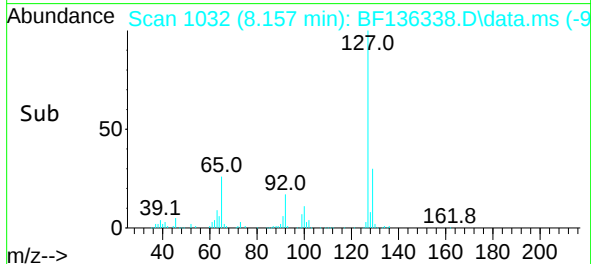
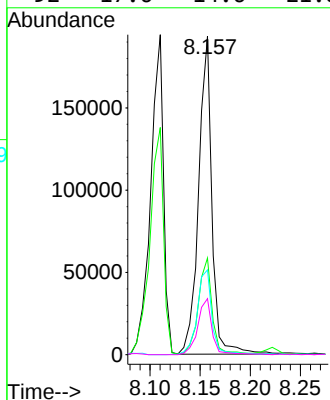
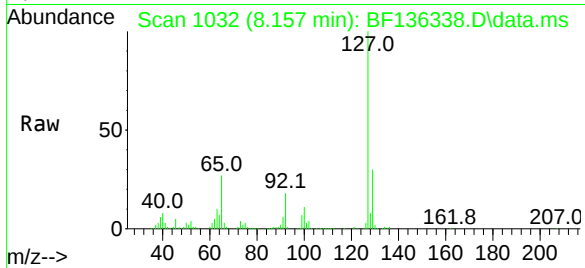




#33
4-Chloroaniline
Concen: 18.088 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF136338.D
Acq: 01 Dec 2023 15:20

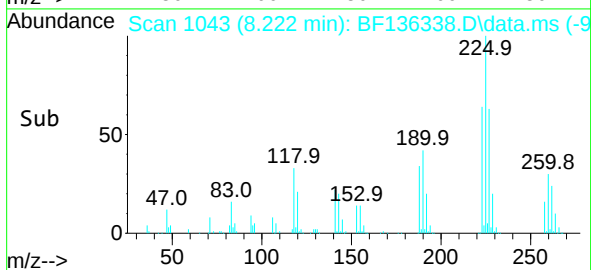
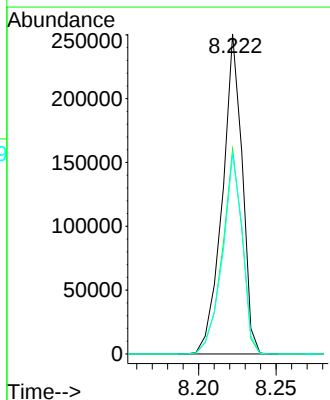
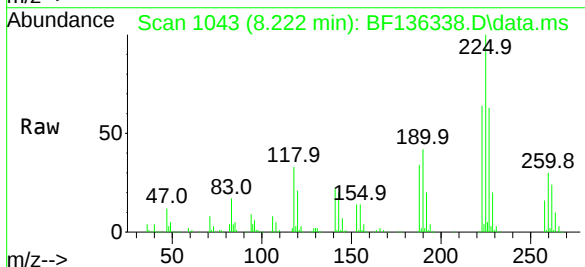
Instrument :
BNA_F
ClientSampleId :
PB157140BSD

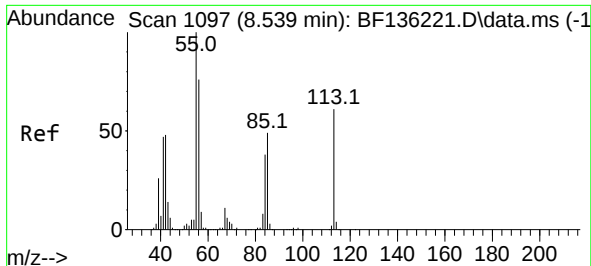
Tgt Ion:	127	Resp:	179661
Ion	Ratio	Lower	Upper
127	100		
129	30.3	23.4	35.2
65	26.6	23.8	35.6
92	17.6	14.6	21.8



#34
Hexachlorobutadiene
Concen: 41.193 ng
RT: 8.222 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF136338.D
Acq: 01 Dec 2023 15:20

Tgt Ion:	225	Resp:	222516
Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.6	75.8
227	62.7	49.6	74.4

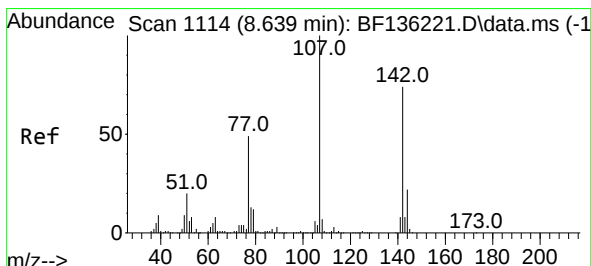
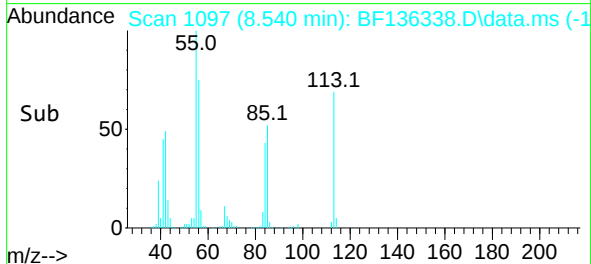
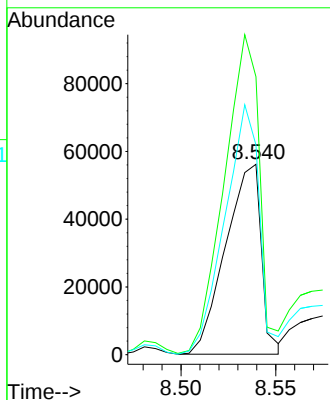
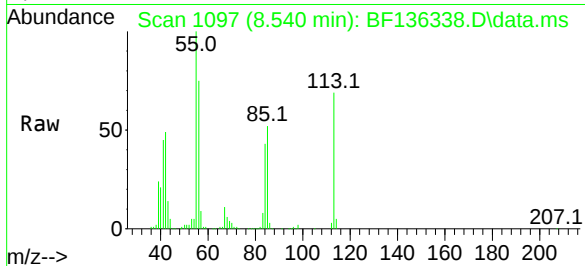




#35
 Caprolactam
 Concen: 34.747 ng
 RT: 8.540 min Scan# 1109
 Delta R.T. 0.000 min
 Lab File: BF136338.D
 Acq: 01 Dec 2023 15:20

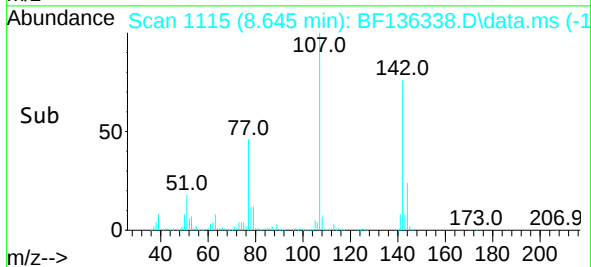
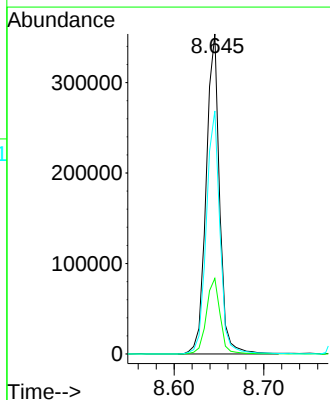
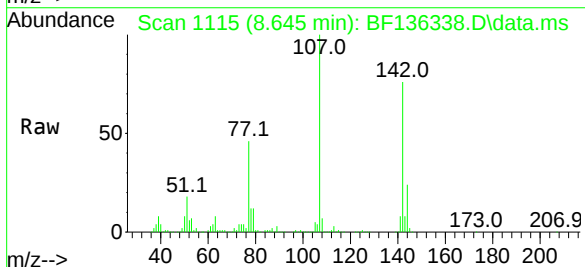
Instrument :
 BNA_F
 ClientSampleId :
 PB157140BSD

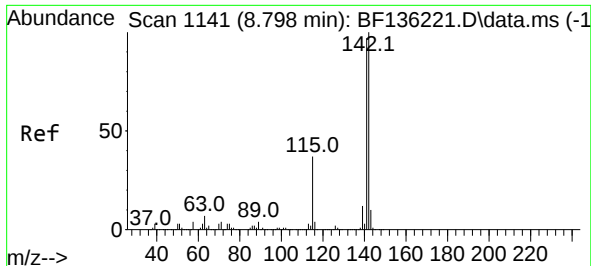
Tgt Ion:113 Resp: 73254
 Ion Ratio Lower Upper
 113 100
 55 146.0 143.1 183.1
 56 110.1 103.6 143.6



#36
 4-Chloro-3-methylphenol
 Concen: 44.978 ng
 RT: 8.645 min Scan# 1115
 Delta R.T. 0.006 min
 Lab File: BF136338.D
 Acq: 01 Dec 2023 15:20

Tgt Ion:107 Resp: 367884
 Ion Ratio Lower Upper
 107 100
 144 23.6 17.8 26.8
 142 76.0 59.4 89.0





#37

2-Methylnaphthalene

Concen: 43.809 ng

RT: 8.798 min Scan# 1141

Delta R.T. 0.000 min

Lab File: BF136338.D

Acq: 01 Dec 2023 15:20

Instrument :

BNA_F

ClientSampleId :

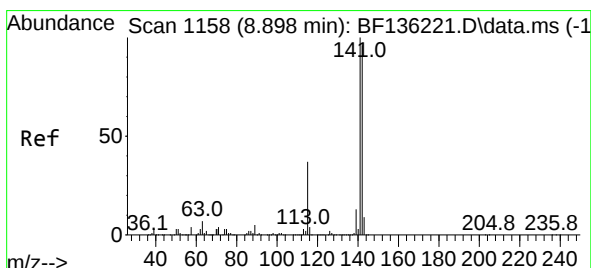
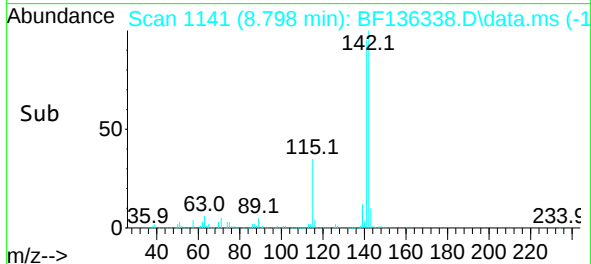
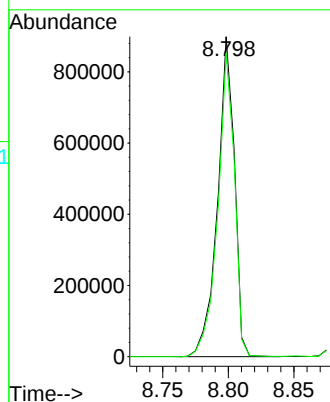
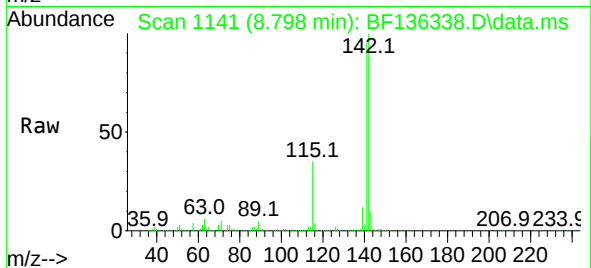
PB157140BSD

Tgt Ion:142 Resp: 803037

Ion Ratio Lower Upper

142 100

141 94.8 77.8 116.8



#38

1-Methylnaphthalene

Concen: 41.415 ng

RT: 8.898 min Scan# 1158

Delta R.T. 0.000 min

Lab File: BF136338.D

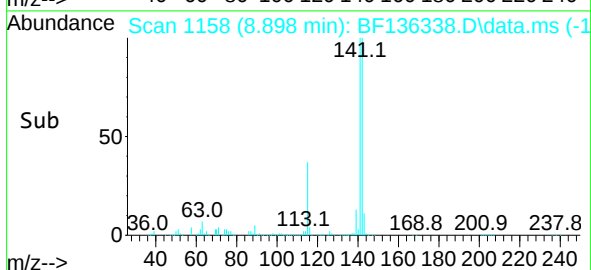
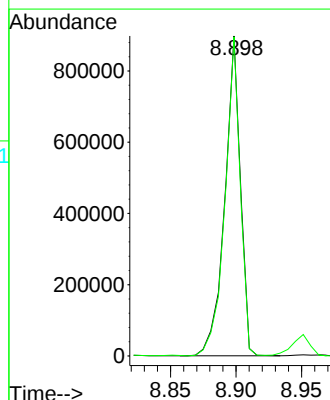
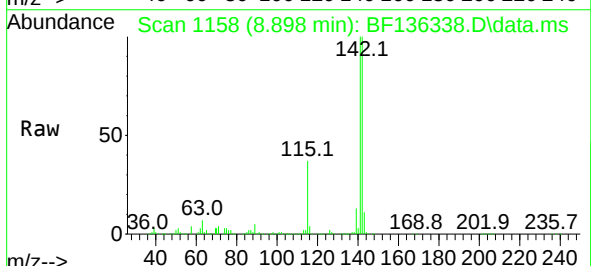
Acq: 01 Dec 2023 15:20

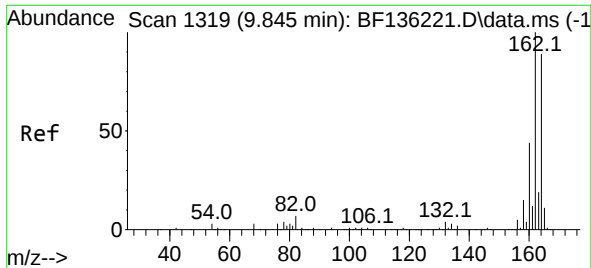
Tgt Ion:142 Resp: 740562

Ion Ratio Lower Upper

142 100

141 99.7 83.8 125.6

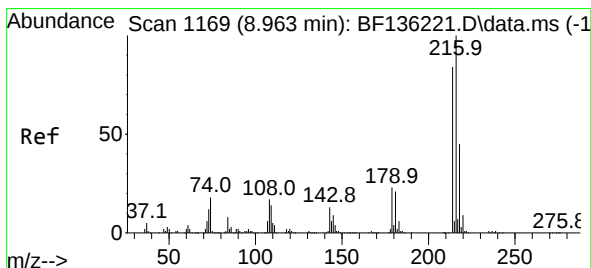
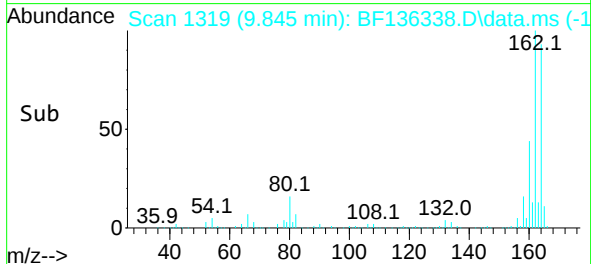
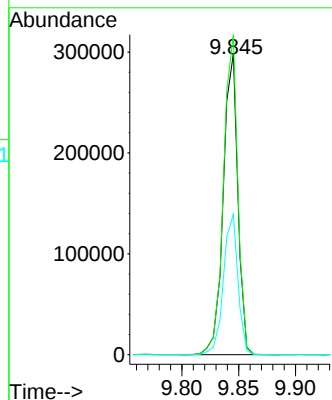
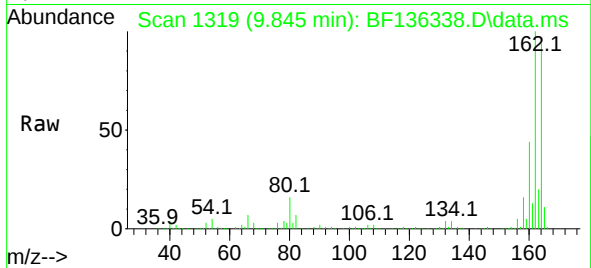




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF136338.D
Acq: 01 Dec 2023 15:20

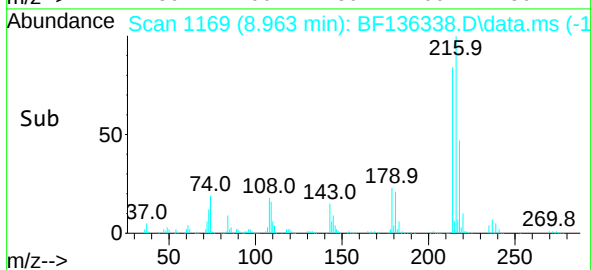
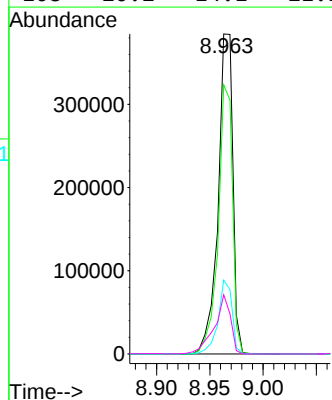
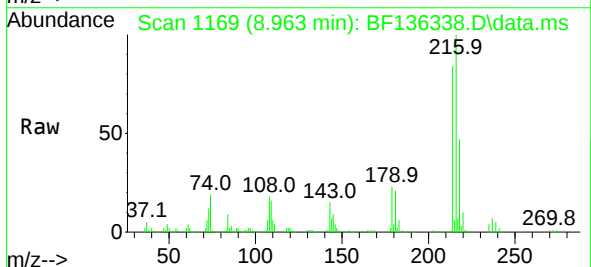
Instrument :
BNA_F
ClientSampleId :
PB157140BSD

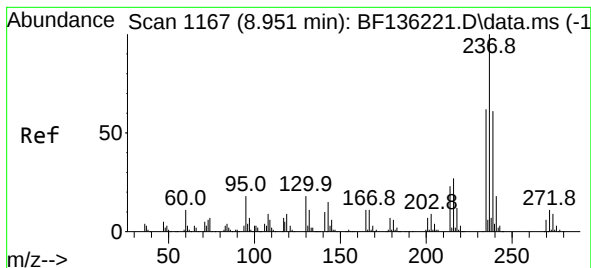
Tgt Ion:164 Resp: 266923
Ion Ratio Lower Upper
164 100
162 106.5 89.5 134.3
160 46.8 39.6 59.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.679 ng
RT: 8.963 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF136338.D
Acq: 01 Dec 2023 15:20

Tgt Ion:216 Resp: 371049
Ion Ratio Lower Upper
216 100
214 81.2 65.8 98.8
179 21.7 17.4 26.0
108 20.2 14.1 21.1





#41

Hexachlorocyclopentadiene

Concen: 151.110 ng

RT: 8.951 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BF136338.D

Acq: 01 Dec 2023 15:20

Instrument :

BNA_F

ClientSampleId :

PB157140BSD

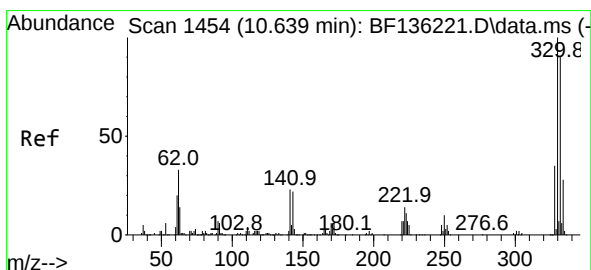
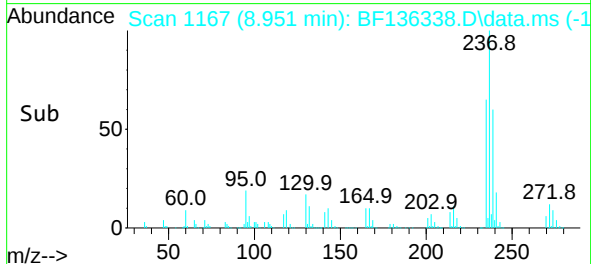
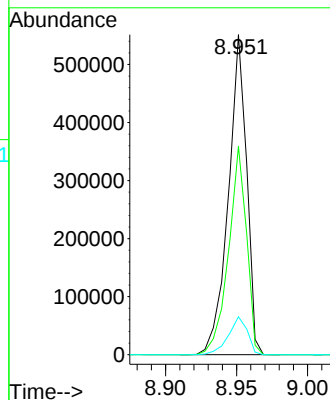
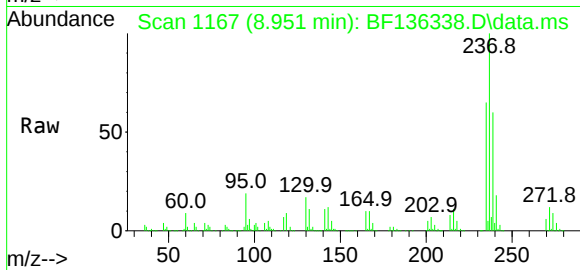
Tgt Ion:237 Resp: 493931

Ion Ratio Lower Upper

237 100

235 65.1 42.1 82.1

272 11.8 0.0 31.0



#42

2,4,6-Tribromophenol

Concen: 85.805 ng

RT: 10.639 min Scan# 1454

Delta R.T. 0.000 min

Lab File: BF136338.D

Acq: 01 Dec 2023 15:20

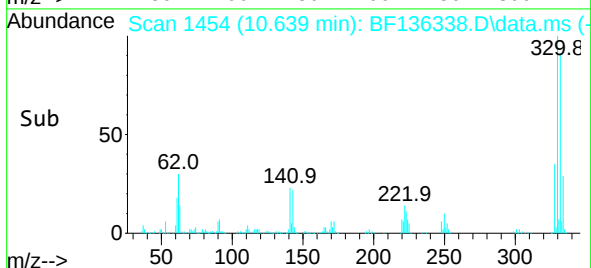
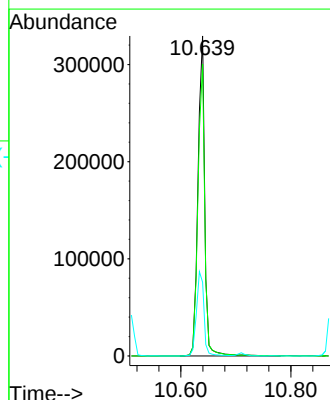
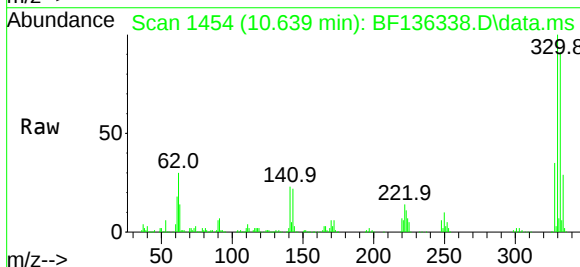
Tgt Ion:330 Resp: 280011

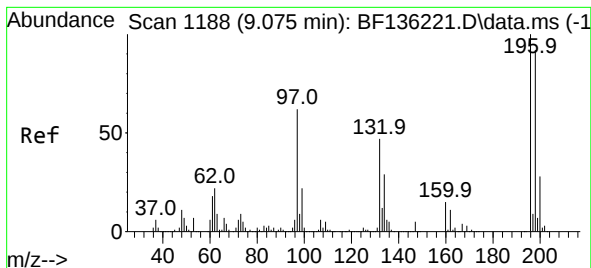
Ion Ratio Lower Upper

330 100

332 93.0 73.0 109.6

141 29.2 24.2 36.2





#43

2,4,6-Trichlorophenol

Concen: 44.920 ng

RT: 9.081 min Scan# 1189

Delta R.T. 0.006 min

Lab File: BF136338.D

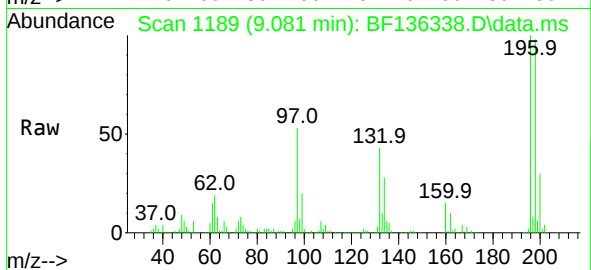
Acq: 01 Dec 2023 15:20

Instrument :

BNA_F

ClientSampleId :

PB157140BSD



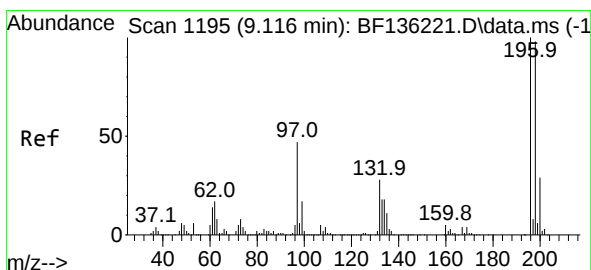
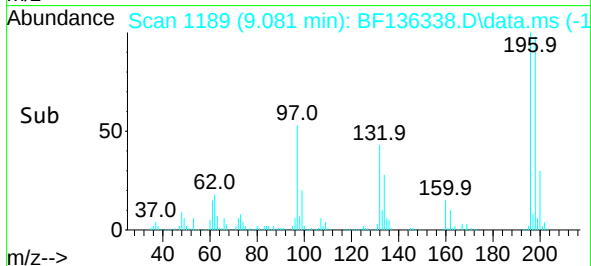
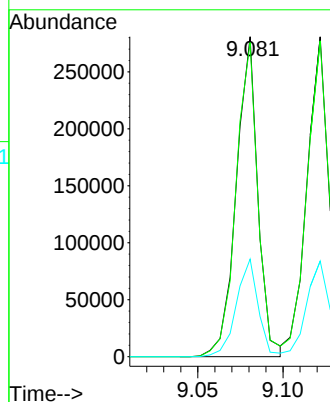
Tgt Ion:196 Resp: 247675

Ion Ratio Lower Upper

196 100

198 98.2 73.2 109.8

200 30.5 22.4 33.6



#44

2,4,5-Trichlorophenol

Concen: 44.283 ng

RT: 9.122 min Scan# 1196

Delta R.T. 0.006 min

Lab File: BF136338.D

Acq: 01 Dec 2023 15:20

Tgt Ion:196 Resp: 266456

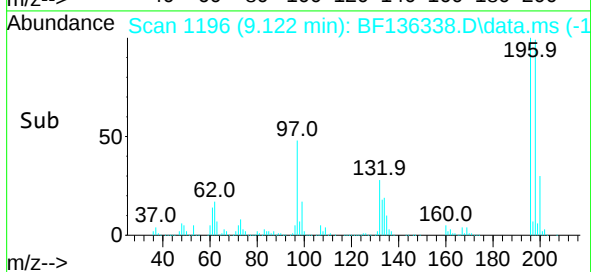
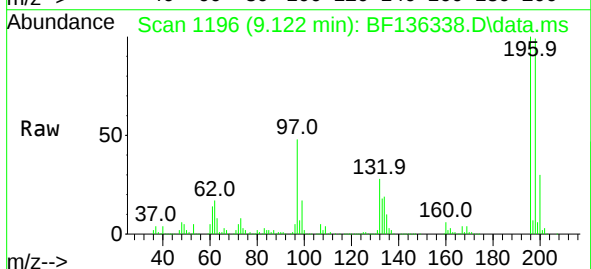
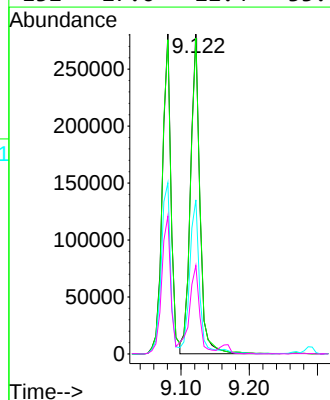
Ion Ratio Lower Upper

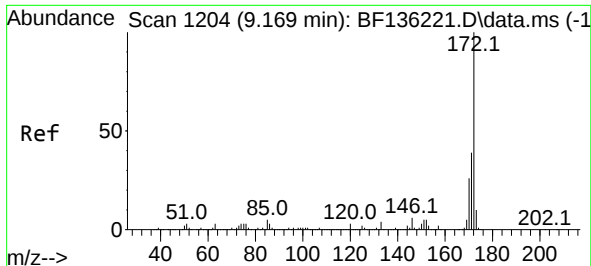
196 100

198 98.8 78.8 118.2

97 48.2 37.8 56.8

132 27.6 22.4 33.6





#45

2-Fluorobiphenyl

Concen: 83.184 ng

RT: 9.169 min Scan# 1204

Delta R.T. 0.000 min

Lab File: BF136338.D

Acq: 01 Dec 2023 15:20

Instrument :

BNA_F

ClientSampleId :

PB157140BSD

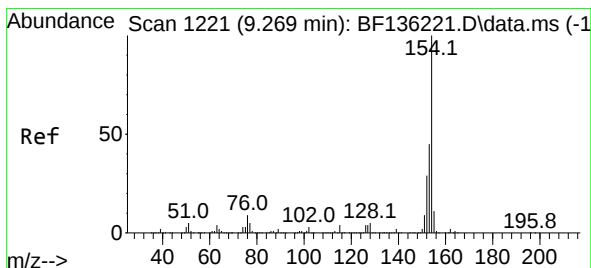
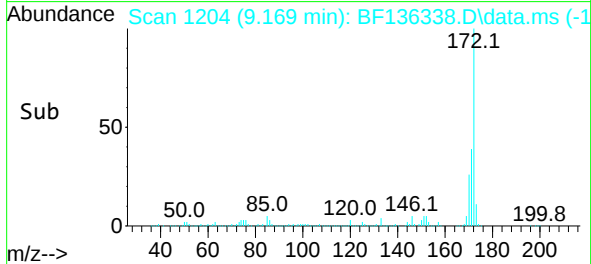
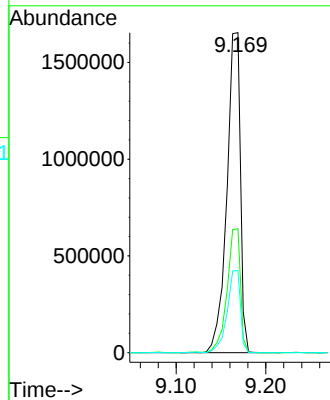
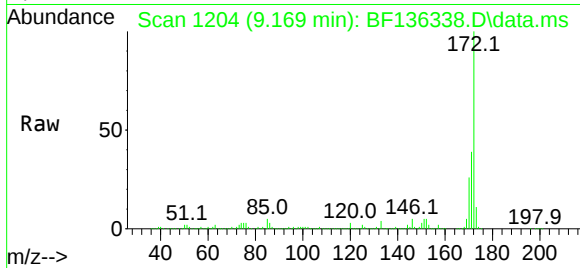
Tgt Ion:172 Resp: 1738324

Ion Ratio Lower Upper

172 100

171 38.8 31.5 47.3

170 25.7 20.8 31.2



#46

1,1'-Biphenyl

Concen: 43.834 ng

RT: 9.269 min Scan# 1221

Delta R.T. 0.000 min

Lab File: BF136338.D

Acq: 01 Dec 2023 15:20

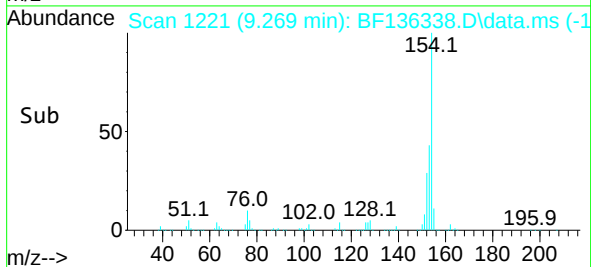
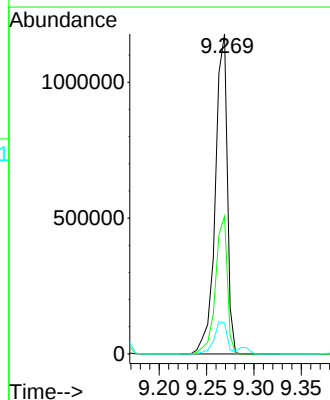
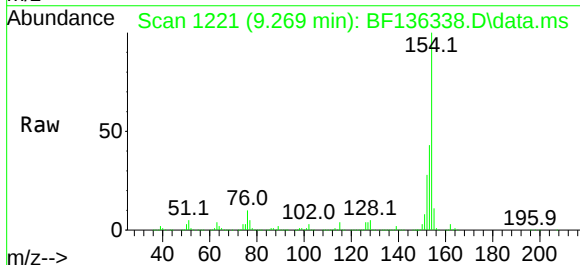
Tgt Ion:154 Resp: 1031785

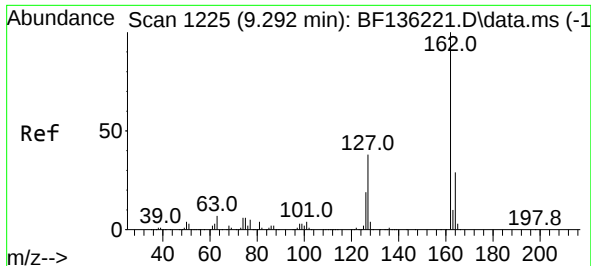
Ion Ratio Lower Upper

154 100

153 43.0 24.6 64.6

76 9.7 0.0 29.4





#47

2-Chloronaphthalene

Concen: 42.350 ng

RT: 9.292 min Scan# 1225

Delta R.T. 0.000 min

Lab File: BF136338.D

Acq: 01 Dec 2023 15:20

Instrument :

BNA_F

ClientSampleId :

PB157140BSD

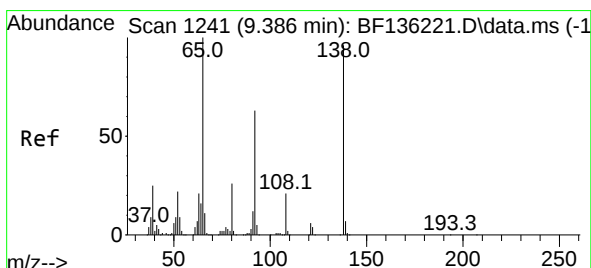
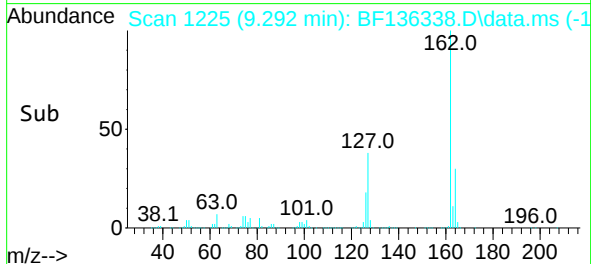
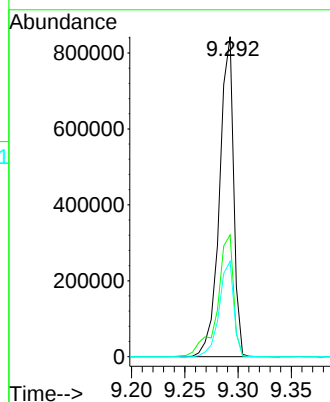
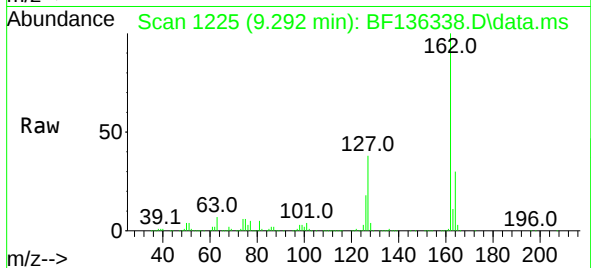
Tgt Ion:162 Resp: 774144

Ion Ratio Lower Upper

162 100

127 38.0 30.2 45.2

164 29.8 22.8 34.2



#48

2-Nitroaniline

Concen: 45.227 ng

RT: 9.387 min Scan# 1241

Delta R.T. 0.000 min

Lab File: BF136338.D

Acq: 01 Dec 2023 15:20

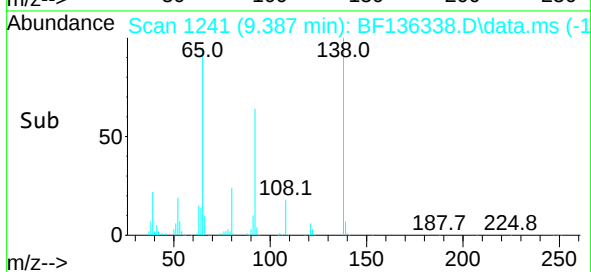
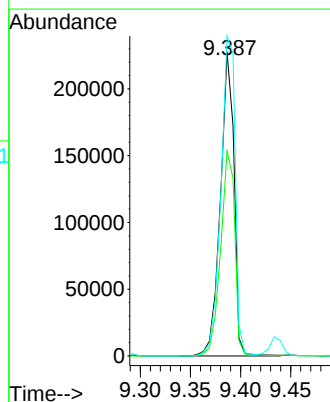
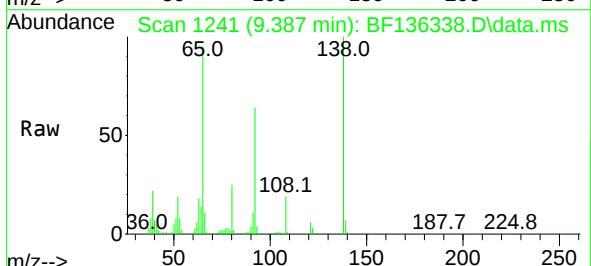
Tgt Ion: 65 Resp: 215849

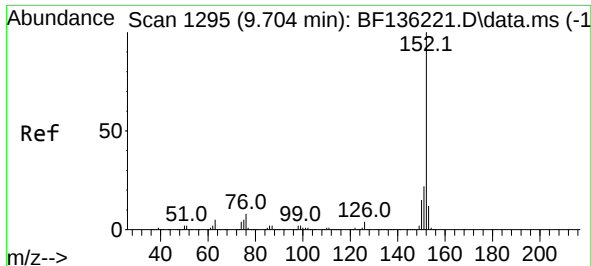
Ion Ratio Lower Upper

65 100

92 67.4 50.6 75.8

138 105.4 76.7 115.1

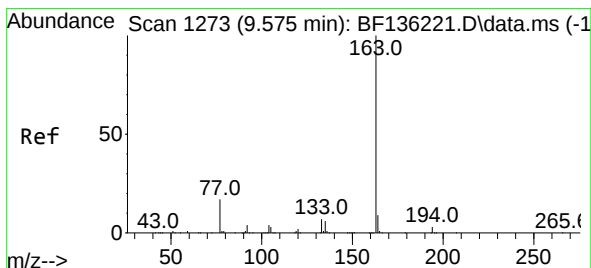
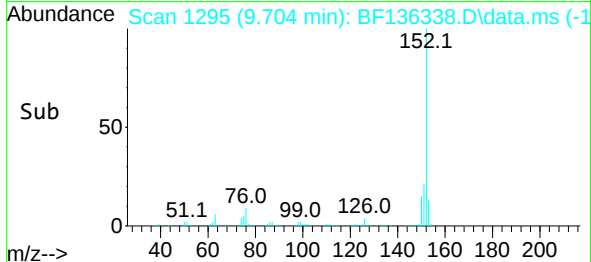
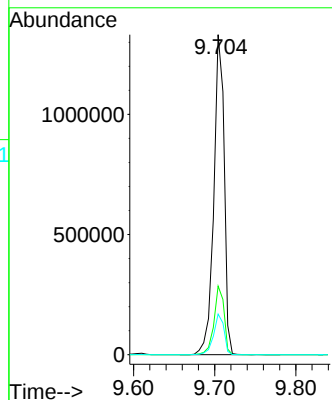
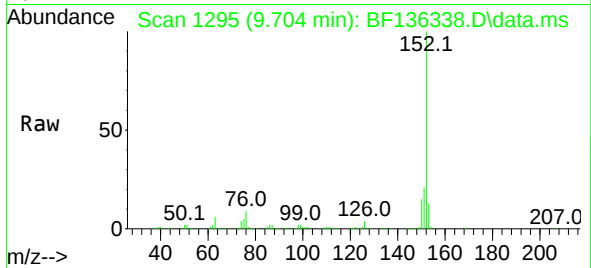




#49
Acenaphthylene
Concen: 45.202 ng
RT: 9.704 min Scan# 1179148
Delta R.T. 0.000 min
Lab File: BF136338.D
Acq: 01 Dec 2023 15:20

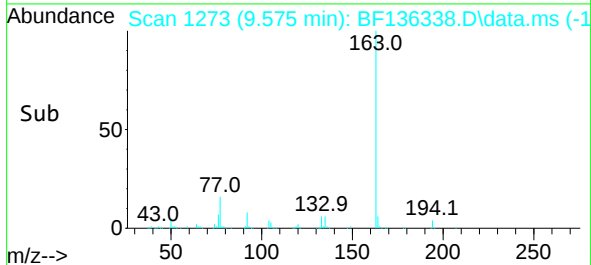
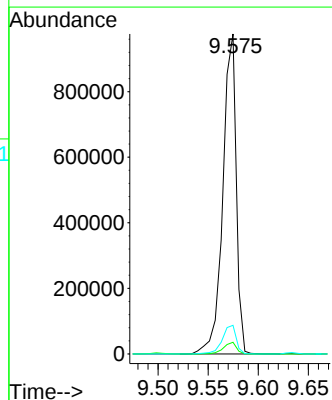
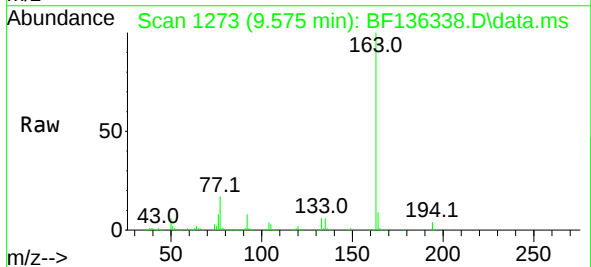
Instrument :
BNA_F
ClientSampleId :
PB157140BSD

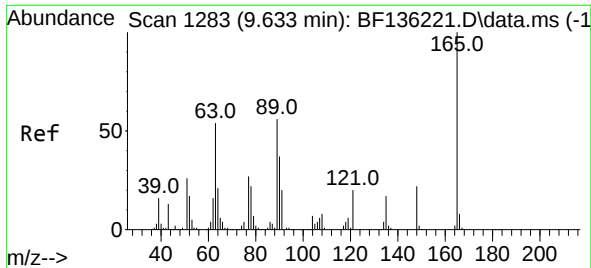
Tgt Ion:152 Resp: 1179148
Ion Ratio Lower Upper
152 100
151 21.5 17.5 26.3
153 12.7 9.6 14.4



#50
Dimethylphthalate
Concen: 44.812 ng
RT: 9.575 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BF136338.D
Acq: 01 Dec 2023 15:20

Tgt Ion:163 Resp: 904060
Ion Ratio Lower Upper
163 100
194 3.7 2.5 3.7
164 8.9 7.0 10.6

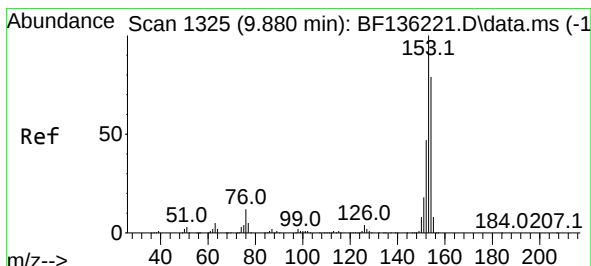
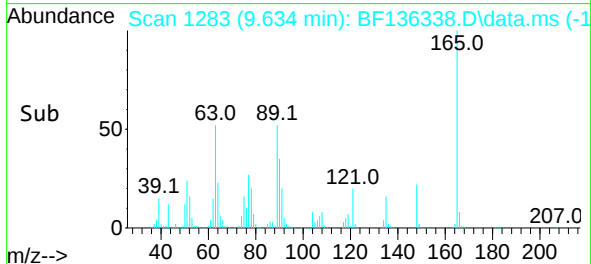
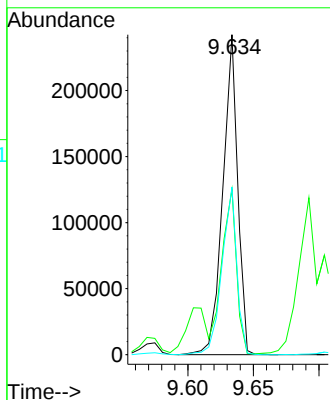
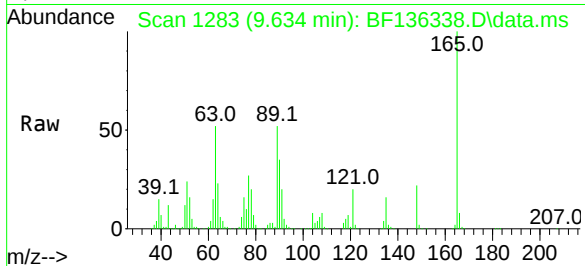




#51
2,6-Dinitrotoluene
Concen: 46.370 ng
RT: 9.634 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136338.D
Acq: 01 Dec 2023 15:20

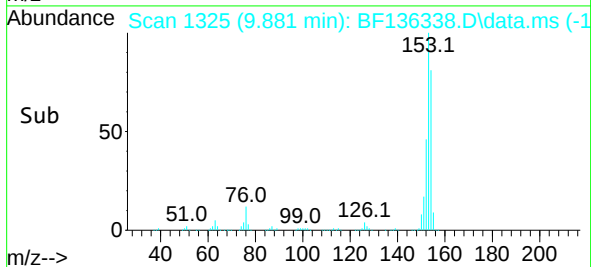
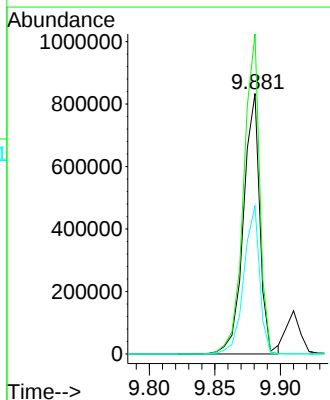
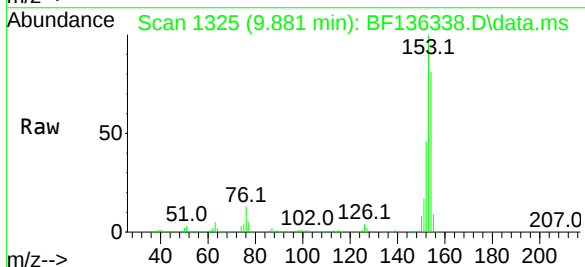
Instrument :
BNA_F
ClientSampleId :
PB157140BSD

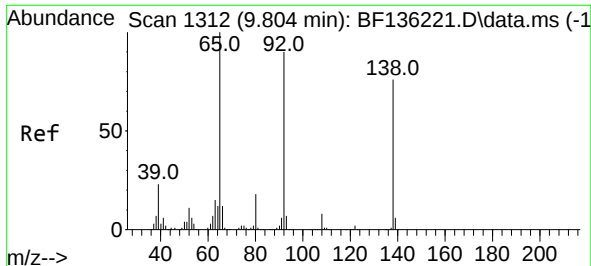
Tgt Ion:165 Resp: 191115
Ion Ratio Lower Upper
165 100
63 51.7 46.2 69.2
89 52.3 44.9 67.3



#52
Acenaphthene
Concen: 44.022 ng
RT: 9.881 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF136338.D
Acq: 01 Dec 2023 15:20

Tgt Ion:154 Resp: 725718
Ion Ratio Lower Upper
154 100
153 122.9 100.8 151.2
152 56.8 47.0 70.6

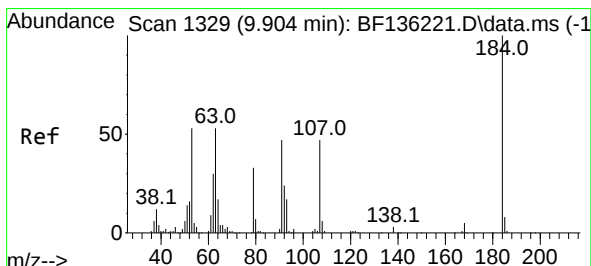
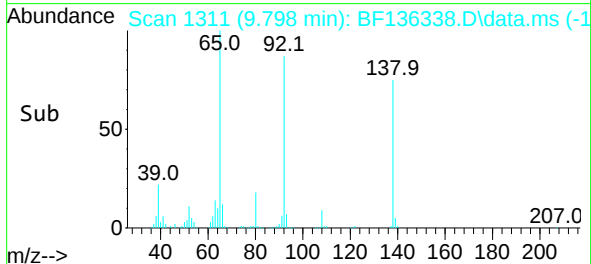
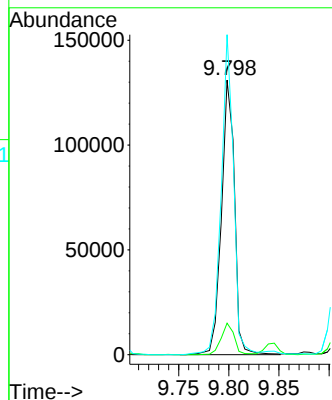
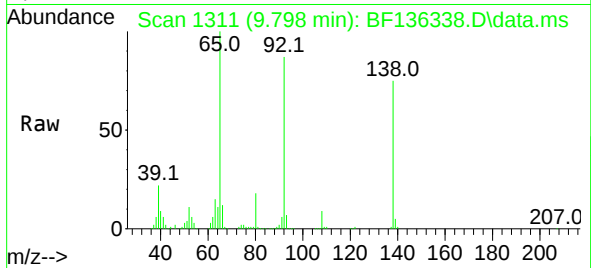




#53
3-Nitroaniline
Concen: 28.856 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136338.D
Acq: 01 Dec 2023 15:20

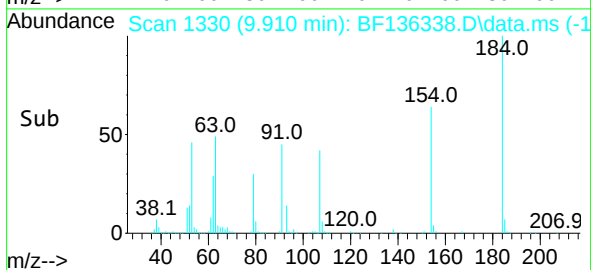
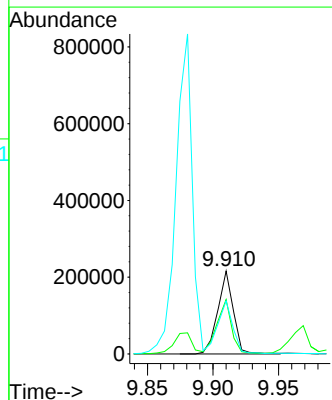
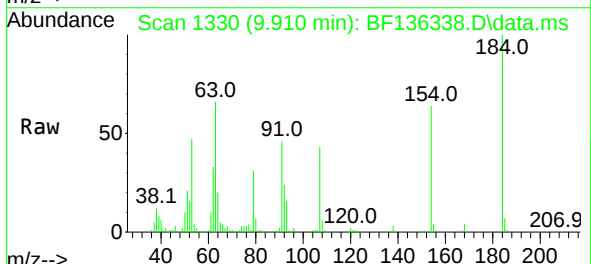
Instrument :
BNA_F
ClientSampleId :
PB157140BSD

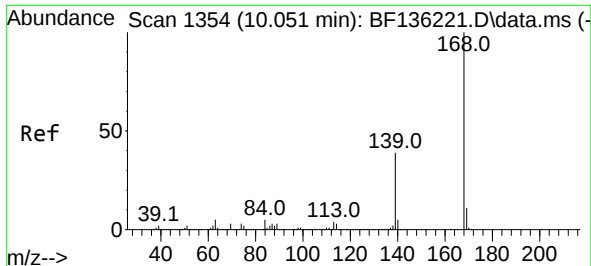
Tgt Ion:138 Resp: 118009
Ion Ratio Lower Upper
138 100
108 11.5 8.7 13.1
92 116.6 94.2 141.4



#54
2,4-Dinitrophenol
Concen: 93.003 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF136338.D
Acq: 01 Dec 2023 15:20

Tgt Ion:184 Resp: 178274
Ion Ratio Lower Upper
184 100
63 65.6 55.0 82.4
154 64.1 54.9 82.3

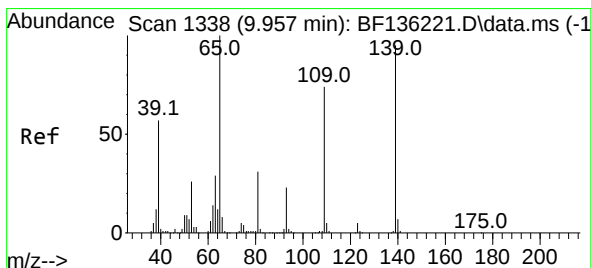
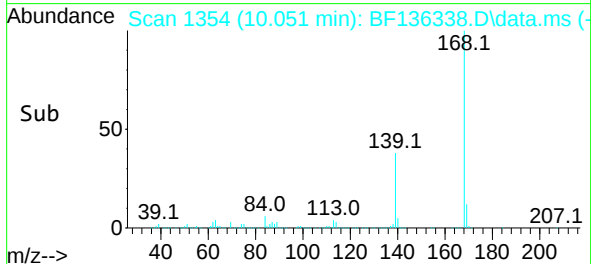
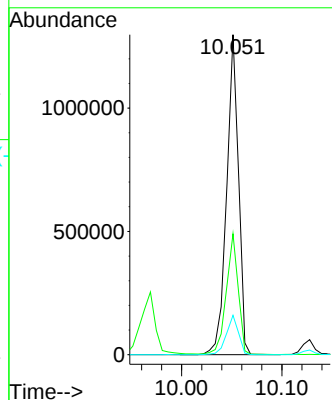
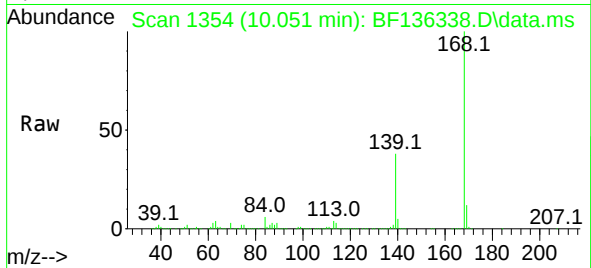




#55
Dibenzenofuran
Concen: 43.325 ng
RT: 10.051 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BF136338.D
Acq: 01 Dec 2023 15:20

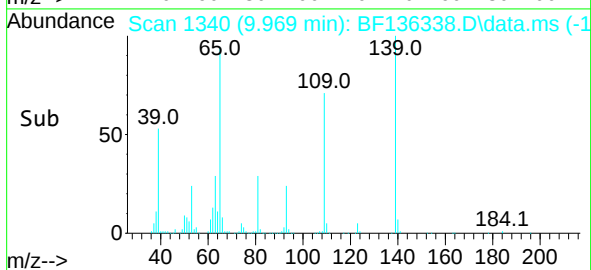
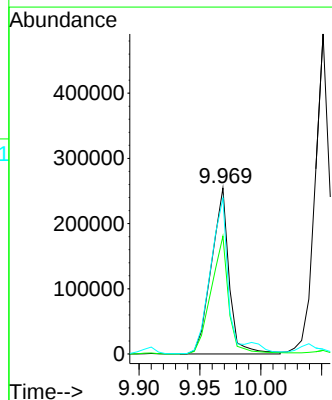
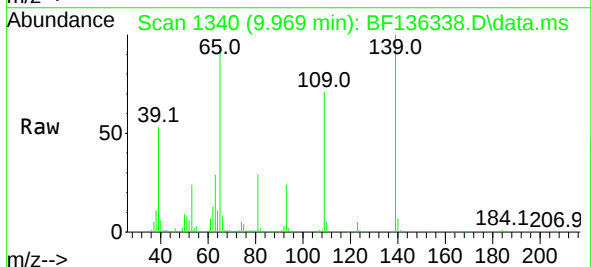
Instrument :
BNA_F
ClientSampleId :
PB157140BSD

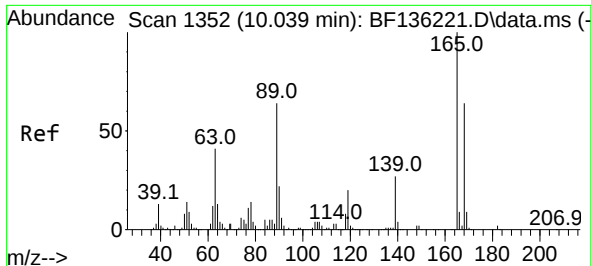
Tgt Ion:168 Resp: 1062793
Ion Ratio Lower Upper
168 100
139 37.8 30.9 46.3
169 12.3 9.1 13.7



#56
4-Nitrophenol
Concen: 83.403 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF136338.D
Acq: 01 Dec 2023 15:20

Tgt Ion:139 Resp: 259047
Ion Ratio Lower Upper
139 100
109 71.0 57.8 97.8
65 94.0 86.0 126.0

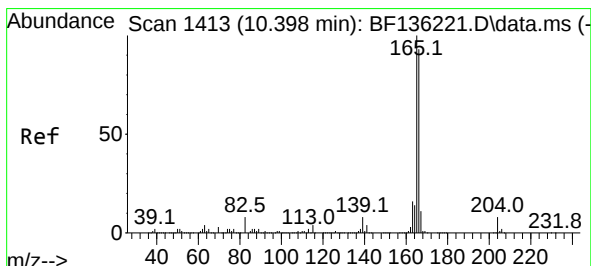
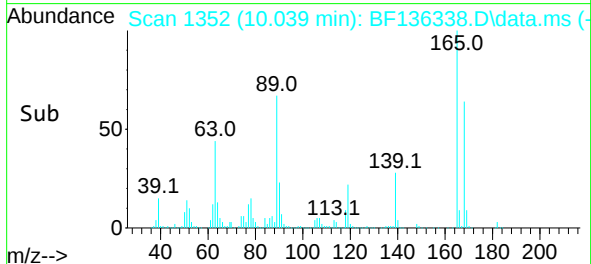
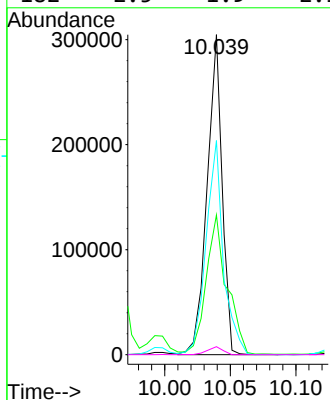
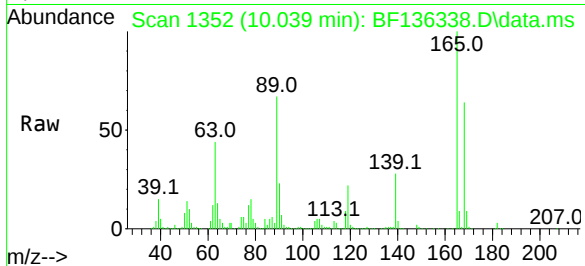




#57
2,4-Dinitrotoluene
Concen: 44.309 ng
RT: 10.039 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136338.D
Acq: 01 Dec 2023 15:20

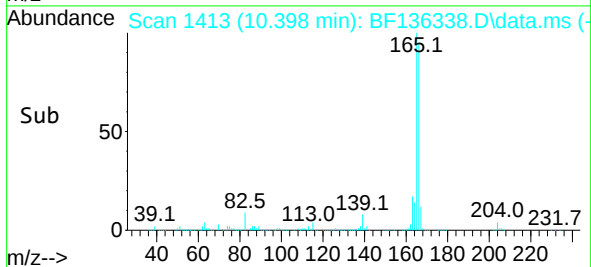
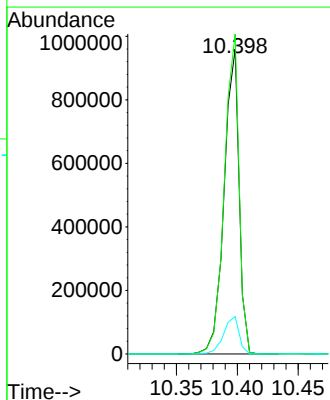
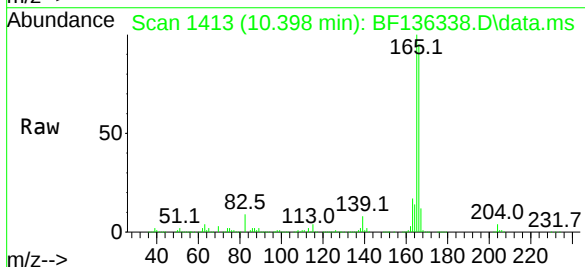
Instrument :
BNA_F
ClientSampleId :
PB157140BSD

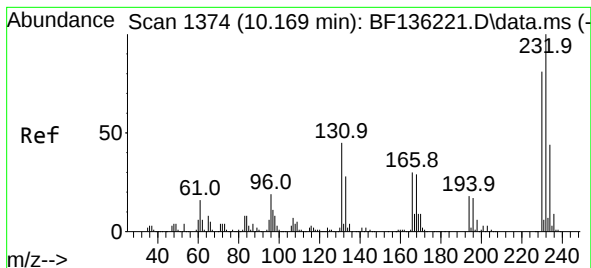
Tgt Ion:	165	Resp:	243940
Ion	Ratio	Lower	Upper
165	100		
63	43.6	33.0	49.4
89	66.9	51.5	77.3
182	2.5	1.9	2.9



#58
Fluorene
Concen: 42.774 ng
RT: 10.398 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF136338.D
Acq: 01 Dec 2023 15:20

Tgt Ion:	166	Resp:	823028
Ion	Ratio	Lower	Upper
166	100		
165	105.0	86.2	129.4
167	12.3	9.1	13.7

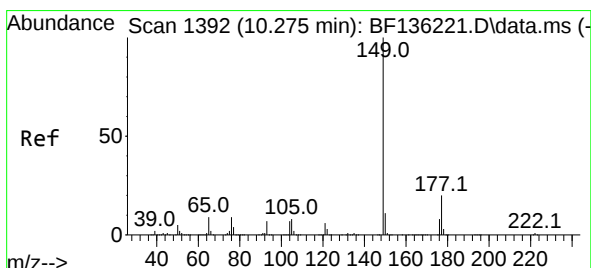
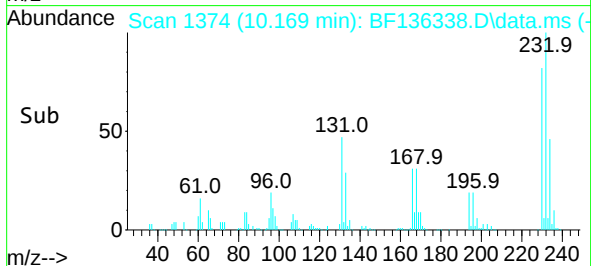
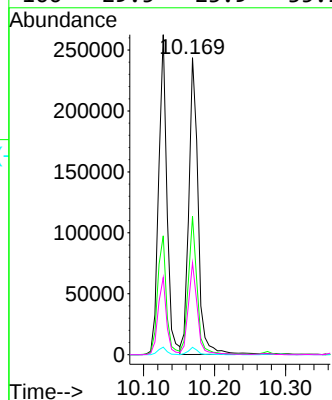
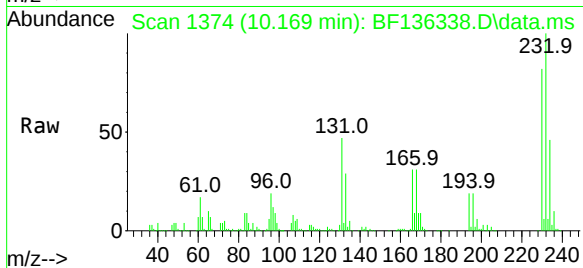




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.357 ng
RT: 10.169 min Scan# 1374
Delta R.T. 0.000 min
Lab File: BF136338.D
Acq: 01 Dec 2023 15:20

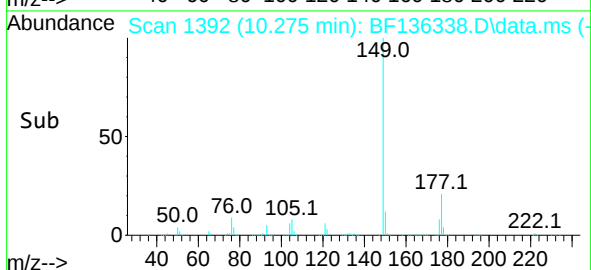
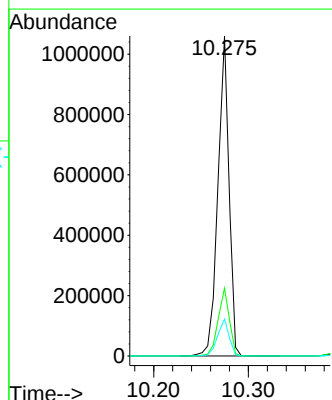
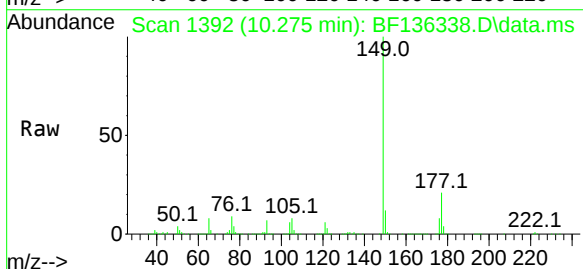
Instrument :
BNA_F
ClientSampleId :
PB157140BSD

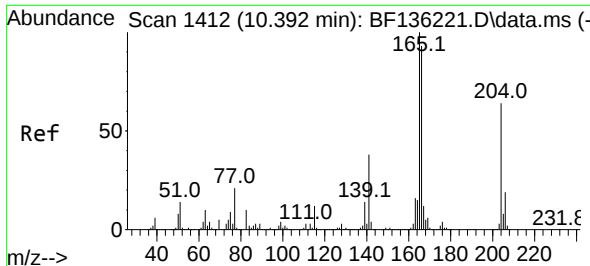
Tgt Ion:232 Resp: 221936
Ion Ratio Lower Upper
232 100
131 42.9 36.4 54.6
130 2.5 1.9 2.9
166 29.5 23.9 35.9



#60
Diethylphthalate
Concen: 42.722 ng
RT: 10.275 min Scan# 1392
Delta R.T. 0.000 min
Lab File: BF136338.D
Acq: 01 Dec 2023 15:20

Tgt Ion:149 Resp: 862164
Ion Ratio Lower Upper
149 100
177 21.2 15.8 23.6
150 11.6 8.8 13.2

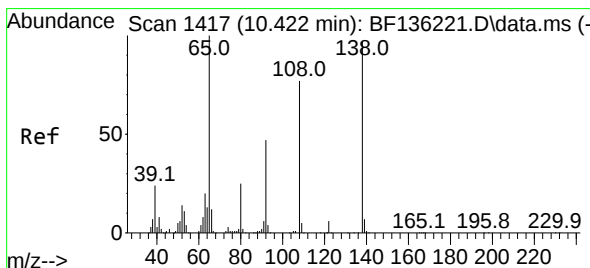
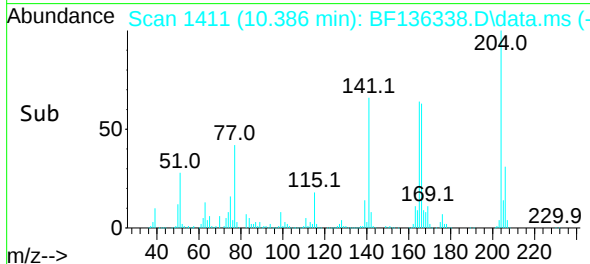
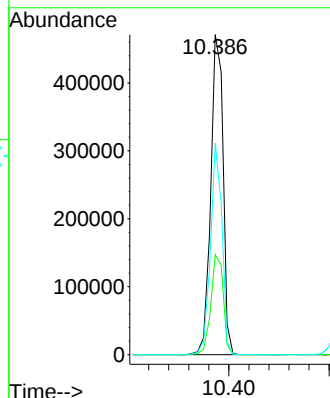
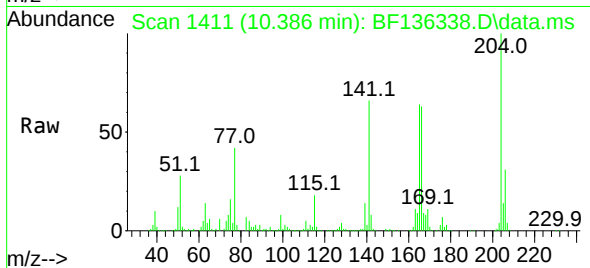




#61
4-Chlorophenyl-phenylether
Concen: 43.112 ng
RT: 10.386 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF136338.D
Acq: 01 Dec 2023 15:20

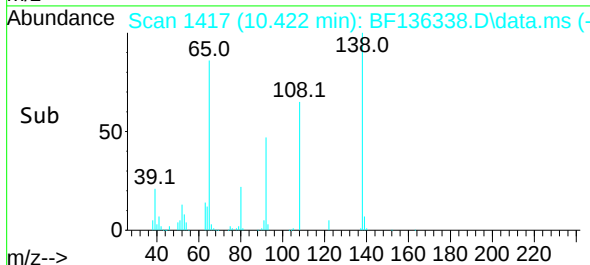
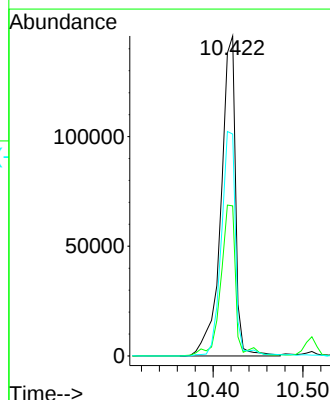
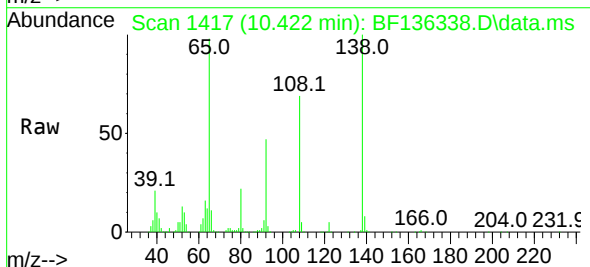
Instrument :
BNA_F
ClientSampleId :
PB157140BSD

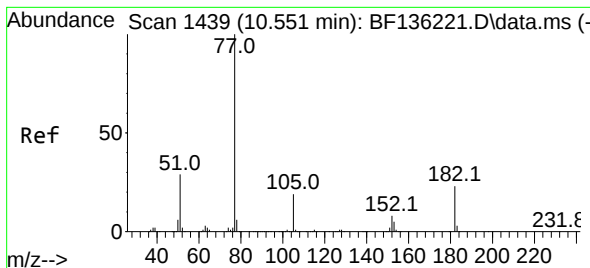
Tgt Ion:204 Resp: 402851
Ion Ratio Lower Upper
204 100
206 31.2 23.4 35.0
141 66.1 47.6 71.4



#62
4-Nitroaniline
Concen: 41.140 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF136338.D
Acq: 01 Dec 2023 15:20

Tgt Ion:138 Resp: 164682
Ion Ratio Lower Upper
138 100
92 46.9 28.5 68.5
108 69.4 59.8 99.8





#63

Azobenzene

Concen: 41.915 ng

RT: 10.551 min Scan# 1439

Delta R.T. 0.000 min

Lab File: BF136338.D

Acq: 01 Dec 2023 15:20

Instrument :

BNA_F

ClientSampleId :

PB157140BSD

Tgt Ion: 77 Resp: 784197

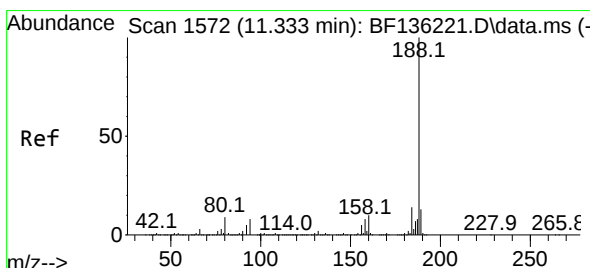
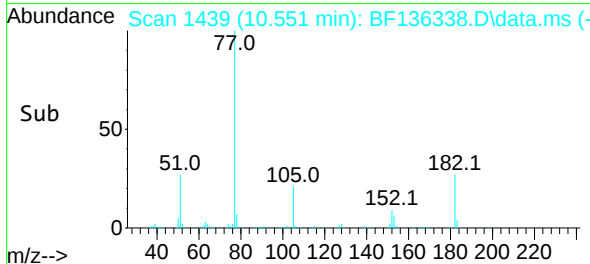
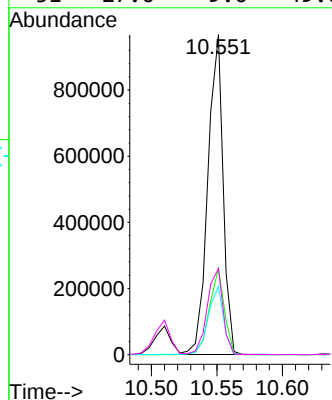
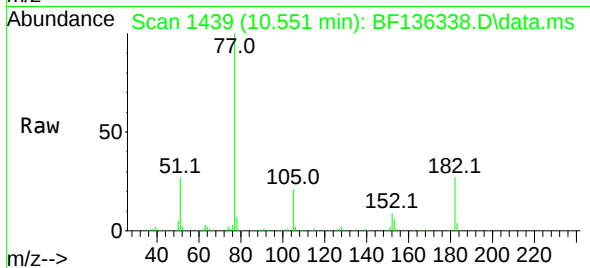
Ion Ratio Lower Upper

77 100

182 26.9 3.3 43.3

105 21.4 0.0 39.5

51 27.0 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: BF136338.D

Acq: 01 Dec 2023 15:20

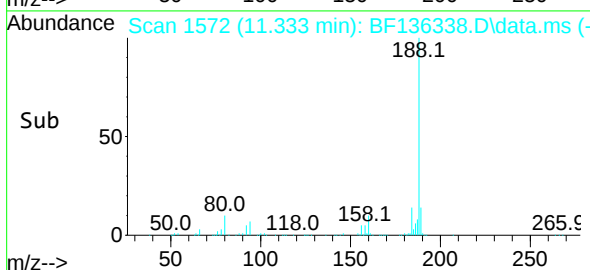
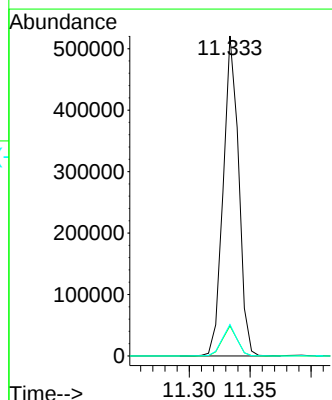
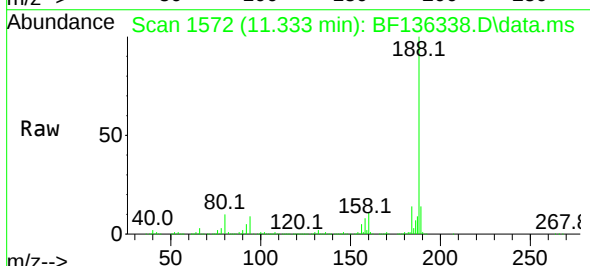
Tgt Ion: 188 Resp: 459907

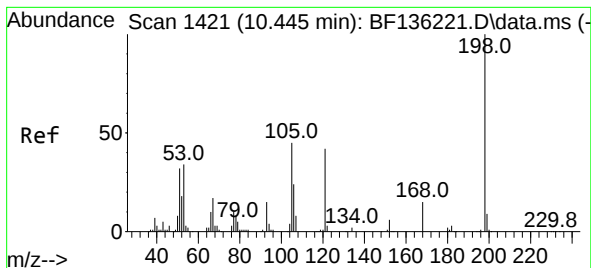
Ion Ratio Lower Upper

188 100

94 9.4 6.7 10.1

80 9.8 7.2 10.8

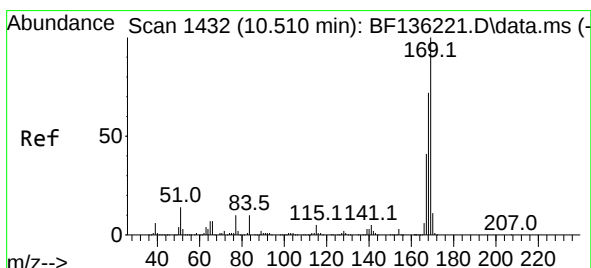
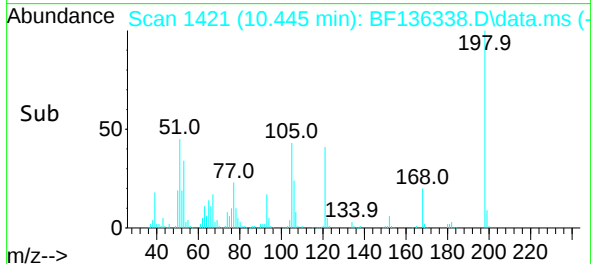
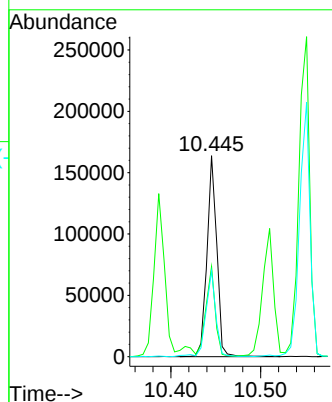
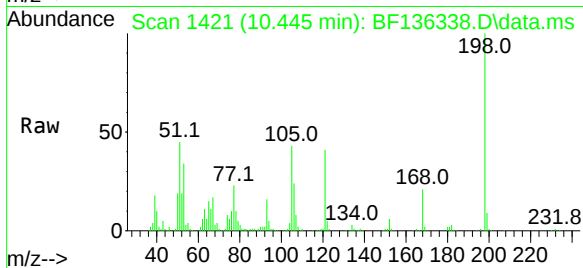




#65
4,6-Dinitro-2-methylphenol
Concen: 49.651 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF136338.D
Acq: 01 Dec 2023 15:20

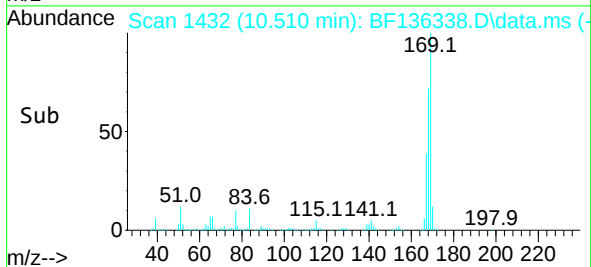
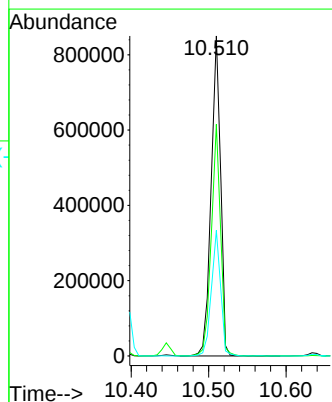
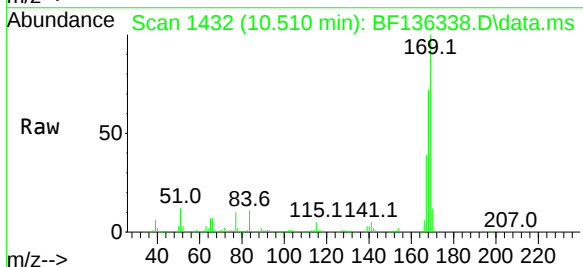
Instrument :
BNA_F
ClientSampleId :
PB157140BSD

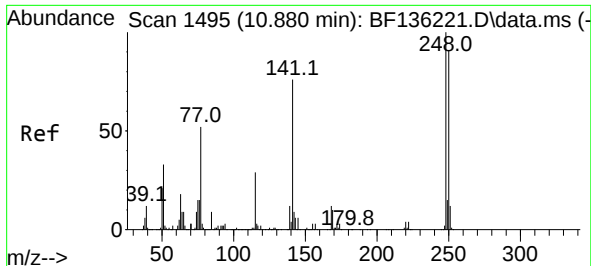
Tgt Ion:198 Resp: 124872
Ion Ratio Lower Upper
198 100
51 44.9 28.2 68.2
105 42.7 25.7 65.7



#66
n-Nitrosodiphenylamine
Concen: 49.033 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF136338.D
Acq: 01 Dec 2023 15:20

Tgt Ion:169 Resp: 722662
Ion Ratio Lower Upper
169 100
168 72.4 57.8 86.6
167 39.2 32.7 49.1

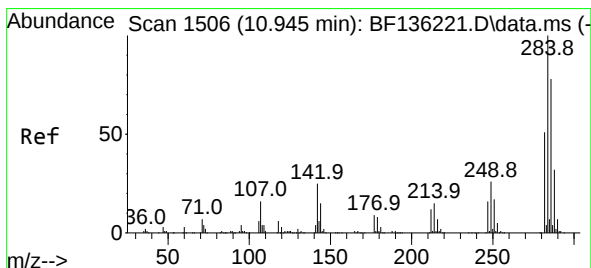
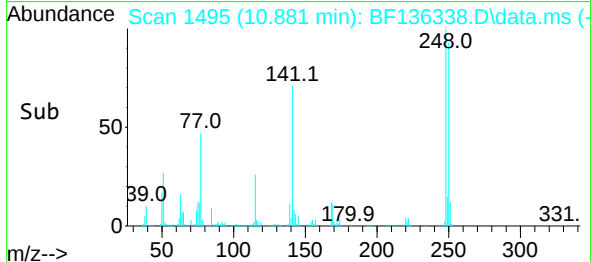
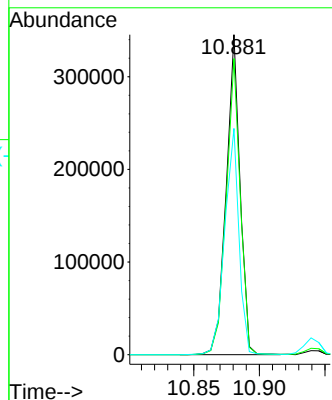
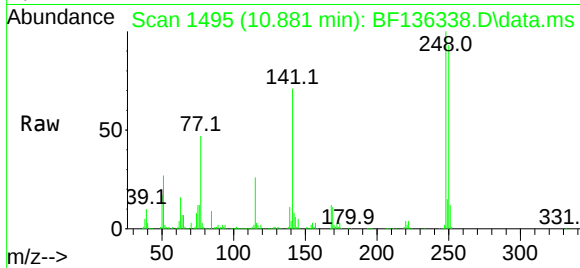




#67
4-Bromophenyl-phenylether
Concen: 47.340 ng
RT: 10.881 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF136338.D
Acq: 01 Dec 2023 15:20

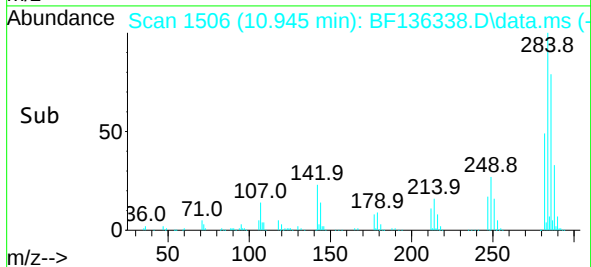
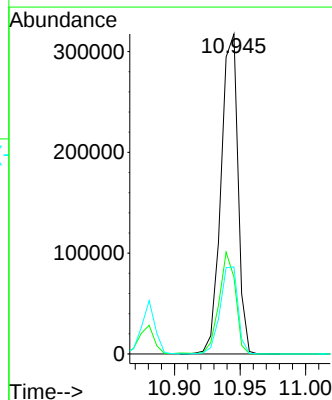
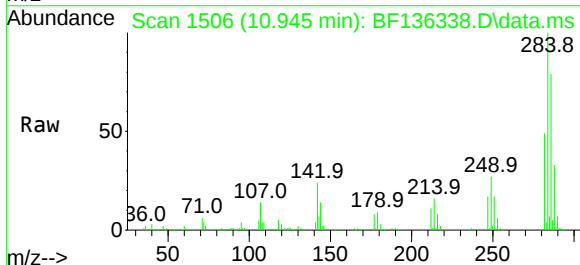
Instrument :
BNA_F
ClientSampleId :
PB157140BSD

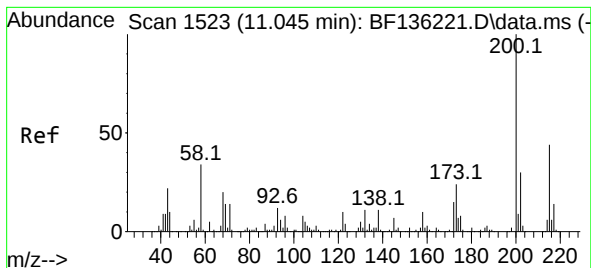
Tgt Ion:248 Resp: 254007
Ion Ratio Lower Upper
248 100
250 92.5 72.5 108.7
141 70.7 60.8 91.2



#68
Hexachlorobenzene
Concen: 45.856 ng
RT: 10.945 min Scan# 1506
Delta R.T. 0.000 min
Lab File: BF136338.D
Acq: 01 Dec 2023 15:20

Tgt Ion:284 Resp: 284764
Ion Ratio Lower Upper
284 100
142 24.0 19.8 29.8
249 27.2 21.0 31.4





#69

Atrazine

Concen: 52.378 ng

RT: 11.045 min Scan# 1523

Delta R.T. 0.000 min

Lab File: BF136338.D

Acq: 01 Dec 2023 15:20

Instrument :

BNA_F

ClientSampleId :

PB157140BSD

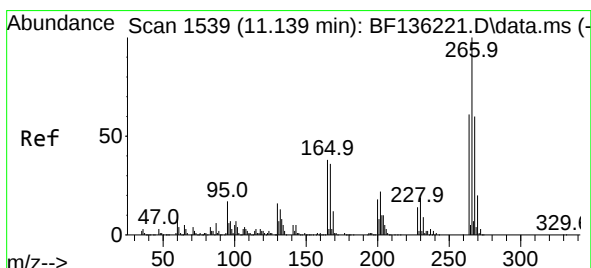
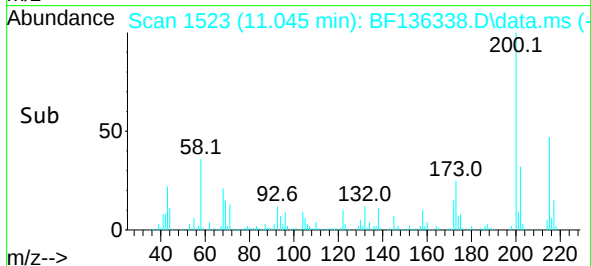
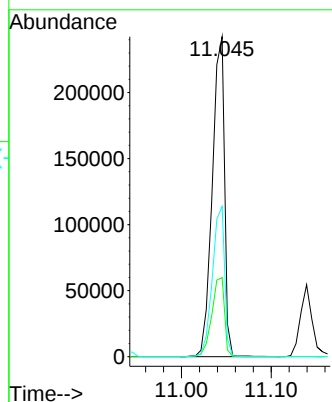
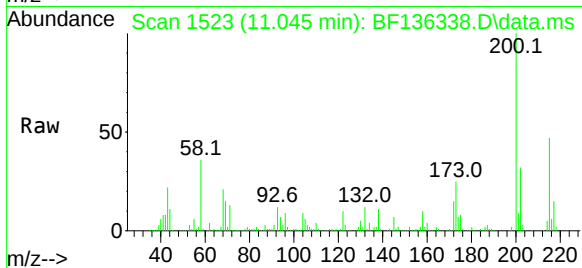
Tgt Ion:200 Resp: 229002

Ion Ratio Lower Upper

200 100

173 24.7 4.3 44.3

215 46.9 23.8 63.8



#70

Pentachlorophenol

Concen: 79.015 ng

RT: 11.139 min Scan# 1539

Delta R.T. 0.000 min

Lab File: BF136338.D

Acq: 01 Dec 2023 15:20

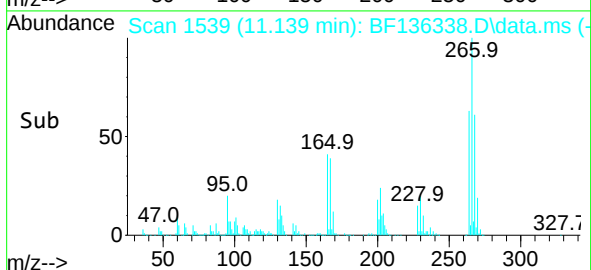
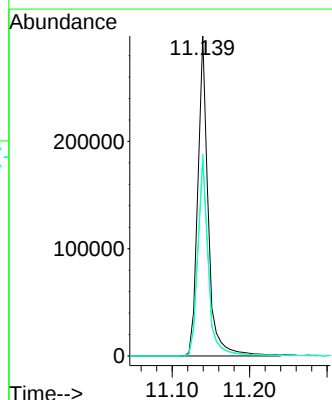
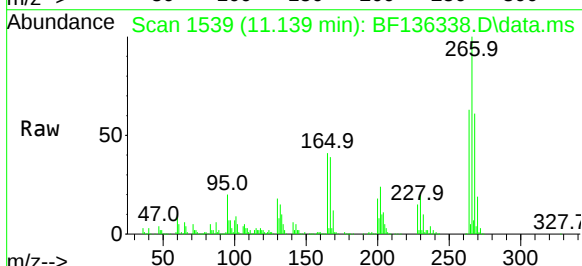
Tgt Ion:266 Resp: 277360

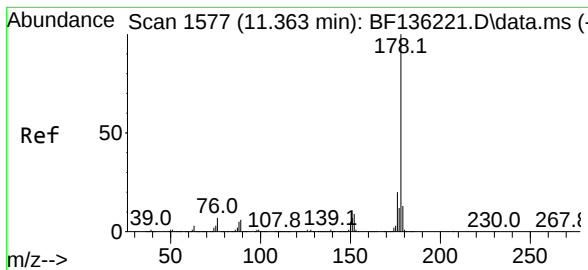
Ion Ratio Lower Upper

266 100

268 61.4 47.9 71.9

264 63.1 49.1 73.7

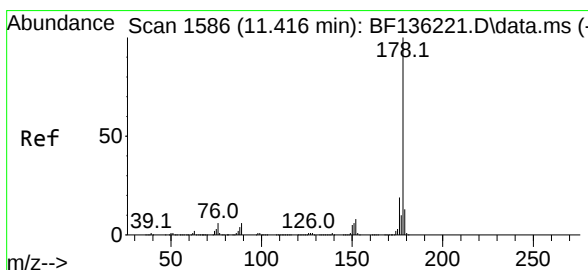
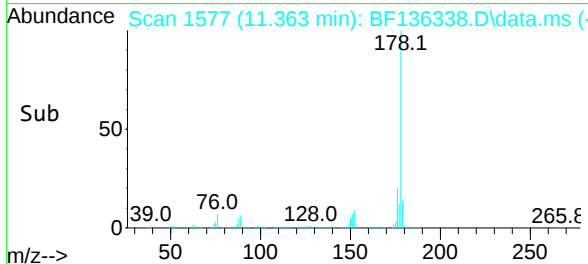
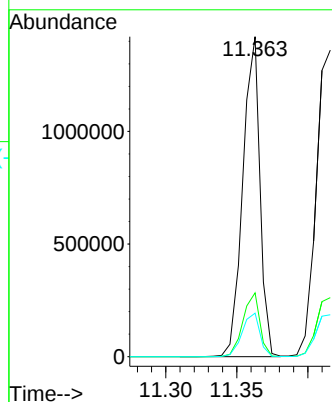
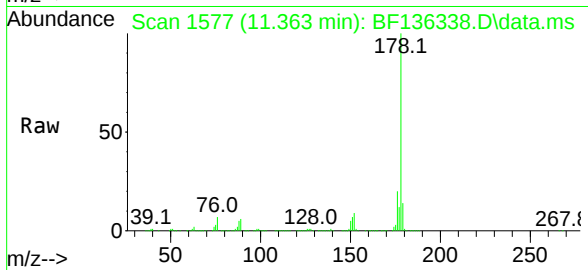




#71
Phenanthrene
Concen: 46.132 ng
RT: 11.363 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BF136338.D
Acq: 01 Dec 2023 15:20

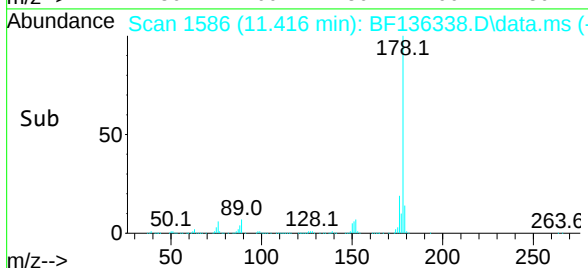
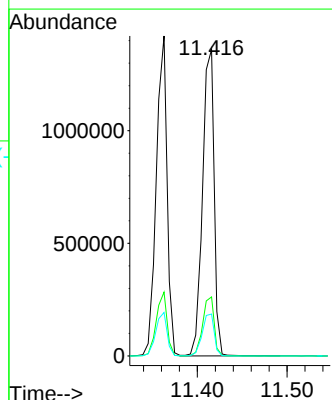
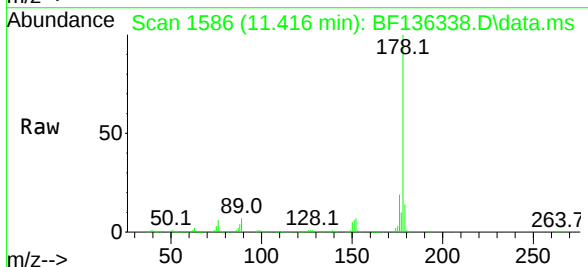
Instrument :
BNA_F
ClientSampleId :
PB157140BSD

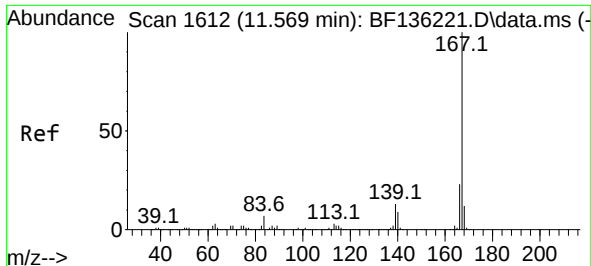
Tgt Ion:178 Resp: 1192467
Ion Ratio Lower Upper
178 100
176 20.0 16.2 24.2
179 13.6 10.3 15.5



#72
Anthracene
Concen: 47.168 ng
RT: 11.416 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BF136338.D
Acq: 01 Dec 2023 15:20

Tgt Ion:178 Resp: 1222676
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 13.7 10.5 15.7

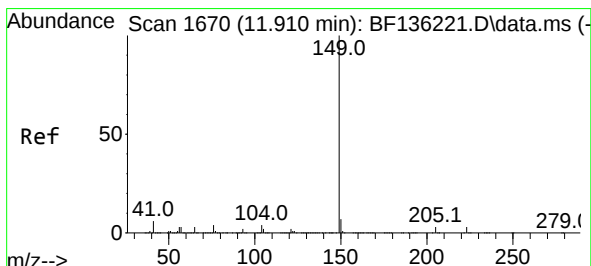
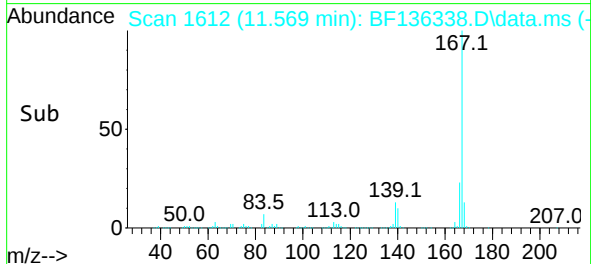
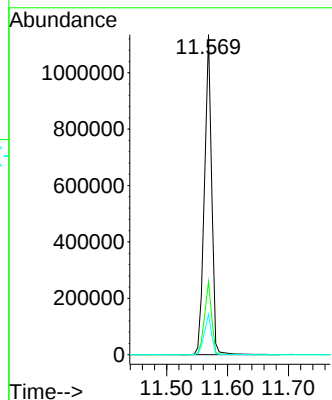
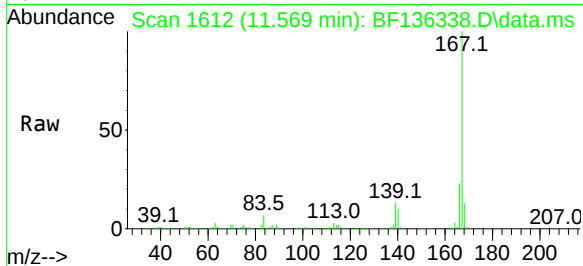




#73
 Carbazole
 Concen: 42.383 ng
 RT: 11.569 min Scan# 1612
 Delta R.T. 0.000 min
 Lab File: BF136338.D
 Acq: 01 Dec 2023 15:20

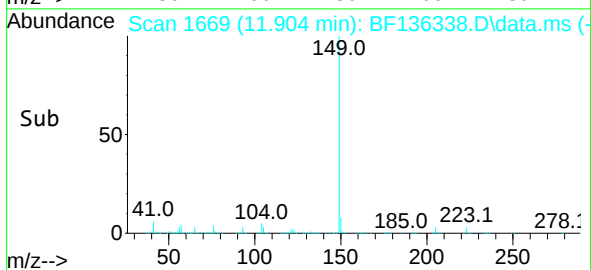
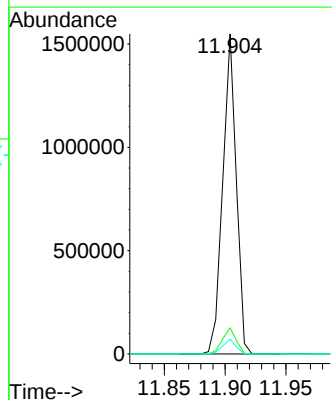
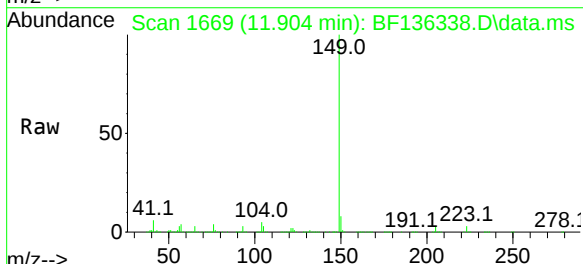
Instrument :
 BNA_F
 ClientSampleId :
 PB157140BSD

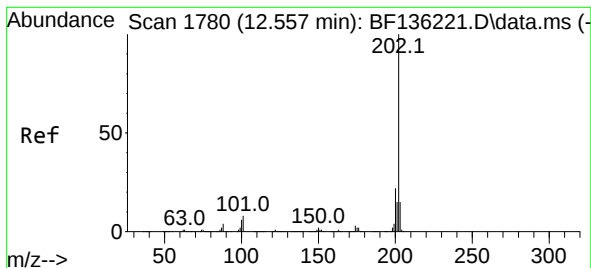
Tgt Ion:167 Resp: 934411
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.4 27.6
 139 12.6 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 43.406 ng
 RT: 11.904 min Scan# 1669
 Delta R.T. -0.006 min
 Lab File: BF136338.D
 Acq: 01 Dec 2023 15:20

Tgt Ion:149 Resp: 1197349
 Ion Ratio Lower Upper
 149 100
 150 8.1 6.0 9.0
 104 4.6 3.5 5.3





#75

Fluoranthene

Concen: 39.124 ng

RT: 12.551 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136338.D

Acq: 01 Dec 2023 15:20

Instrument :

BNA_F

ClientSampleId :

PB157140BSD

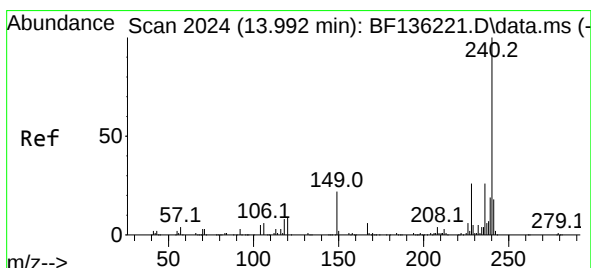
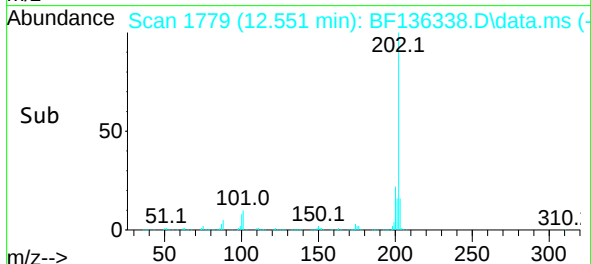
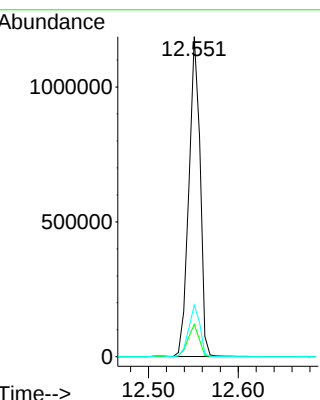
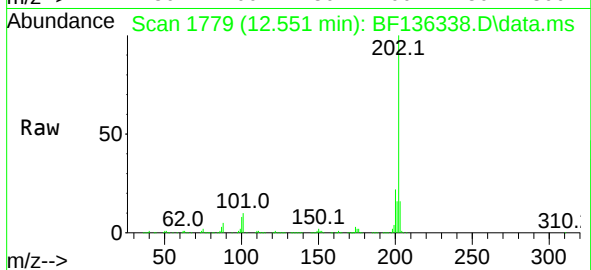
Tgt Ion:202 Resp: 1026649

Ion Ratio Lower Upper

202 100

101 10.2 0.0 27.8

203 16.2 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: BF136338.D

Acq: 01 Dec 2023 15:20

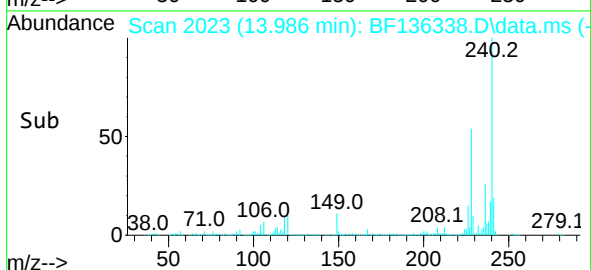
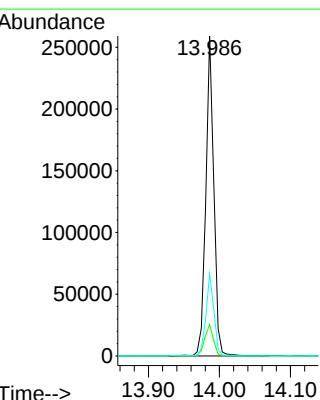
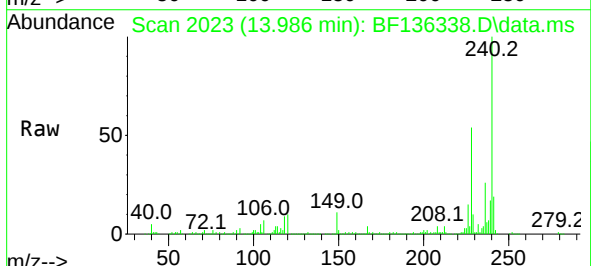
Tgt Ion:240 Resp: 203530

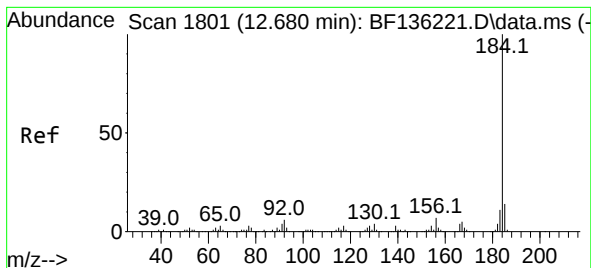
Ion Ratio Lower Upper

240 100

120 9.9 7.4 11.2

236 25.7 21.1 31.7





#77

Benzidine

Concen: 48.920 ng

RT: 12.675 min Scan# 1800

Delta R.T. -0.005 min

Lab File: BF136338.D

Acq: 01 Dec 2023 15:20

Instrument :

BNA_F

ClientSampleId :

PB157140BSD

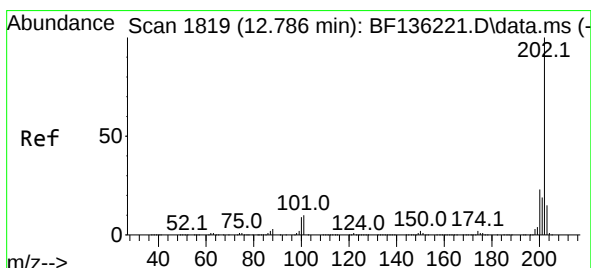
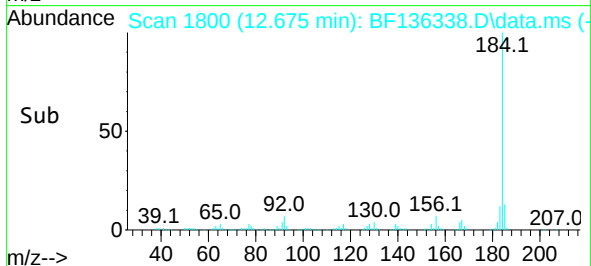
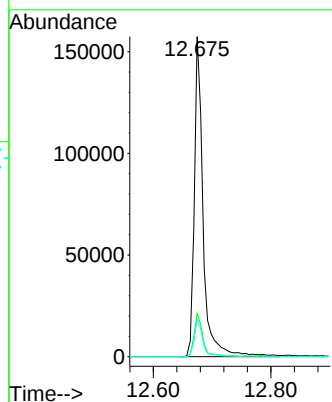
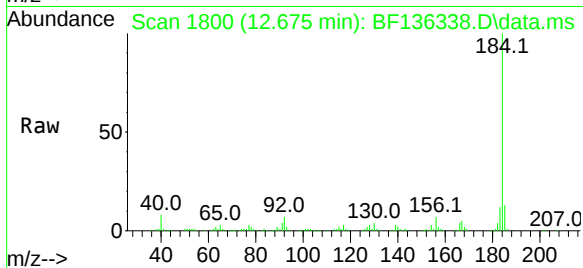
Tgt Ion:184 Resp: 163671

Ion Ratio Lower Upper

184 100

185 13.5 11.0 16.6

183 11.7 9.0 13.4



#78

Pyrene

Concen: 45.534 ng

RT: 12.780 min Scan# 1818

Delta R.T. -0.006 min

Lab File: BF136338.D

Acq: 01 Dec 2023 15:20

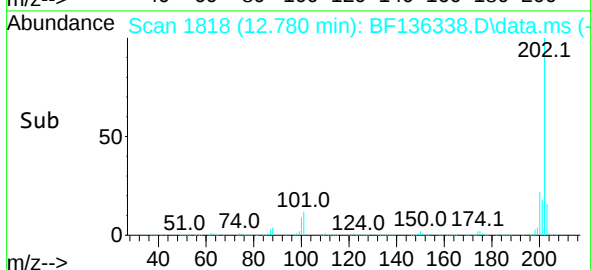
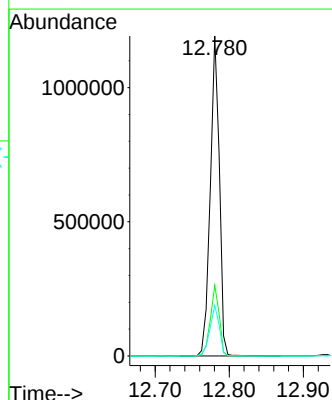
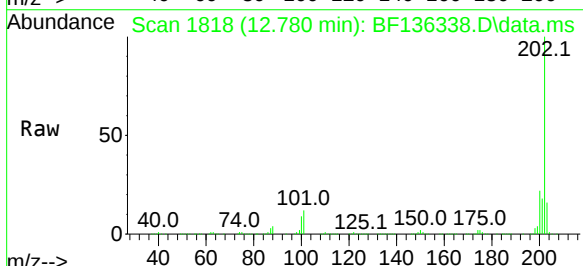
Tgt Ion:202 Resp: 1014949

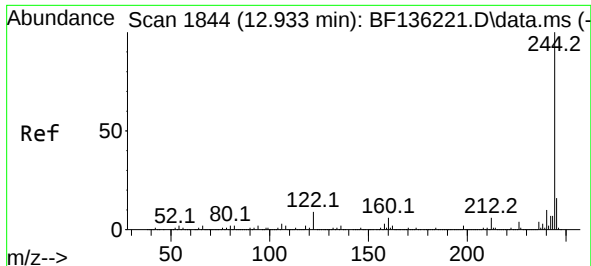
Ion Ratio Lower Upper

202 100

200 22.1 18.4 27.6

203 15.8 11.8 17.6

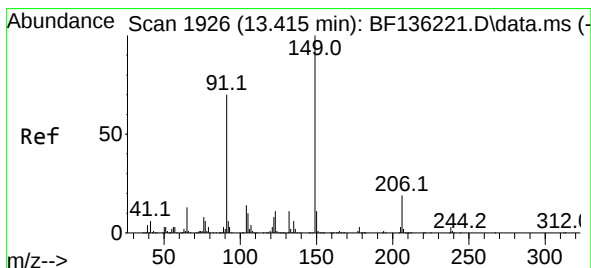
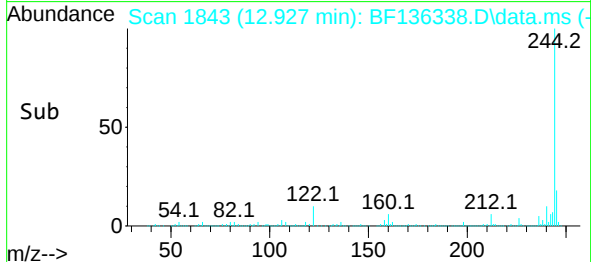
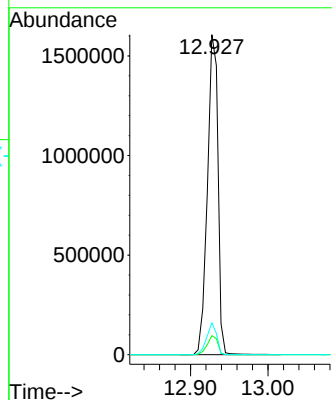
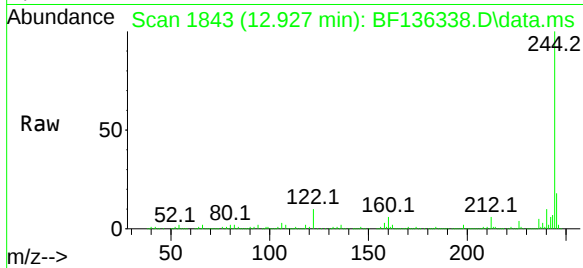




#79
 Terphenyl-d14
 Concen: 86.174 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. -0.006 min
 Lab File: BF136338.D
 Acq: 01 Dec 2023 15:20

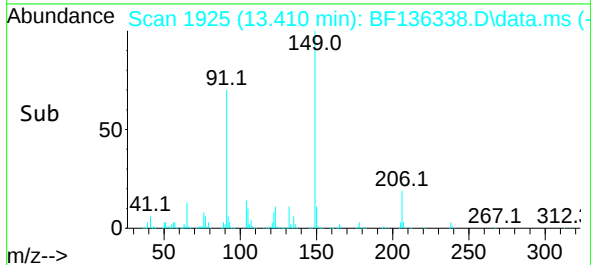
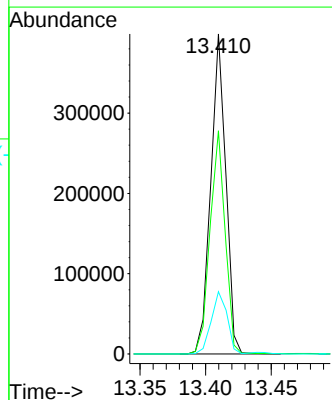
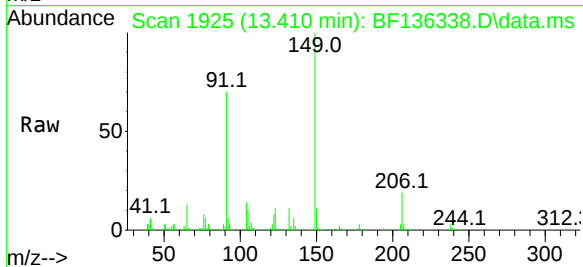
Instrument :
 BNA_F
 ClientSampleId :
 PB157140BSD

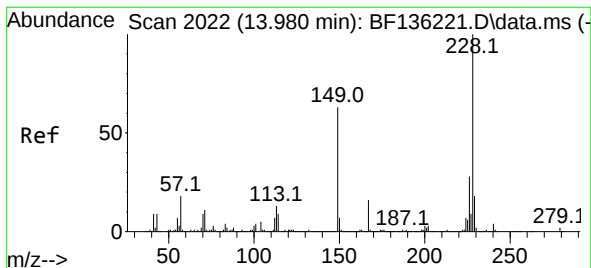
Tgt Ion:244 Resp: 1520521
 Ion Ratio Lower Upper
 244 100
 212 6.0 4.6 7.0
 122 10.0 7.3 10.9



#80
 Butylbenzylphthalate
 Concen: 45.984 ng
 RT: 13.410 min Scan# 1925
 Delta R.T. -0.006 min
 Lab File: BF136338.D
 Acq: 01 Dec 2023 15:20

Tgt Ion:149 Resp: 318998
 Ion Ratio Lower Upper
 149 100
 91 69.7 56.4 84.6
 206 19.4 14.8 22.2





#81

Benzo(a)anthracene

Concen: 44.707 ng

RT: 13.974 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF136338.D

Acq: 01 Dec 2023 15:20

Instrument :

BNA_F

ClientSampleId :

PB157140BSD

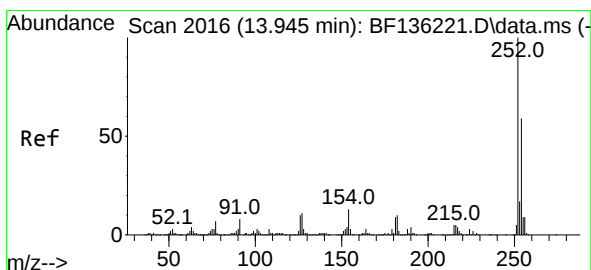
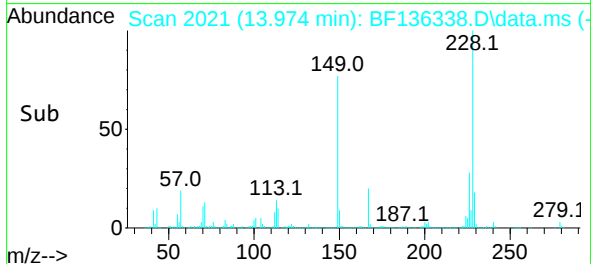
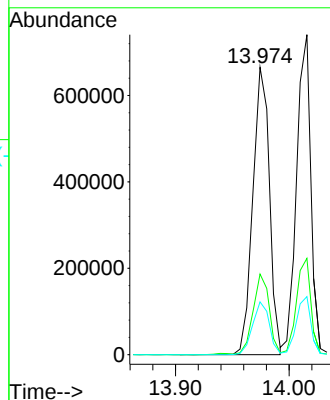
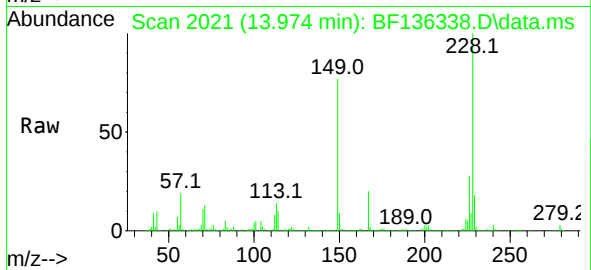
Tgt Ion:228 Resp: 675858

Ion Ratio Lower Upper

228 100

226 28.1 22.6 34.0

229 18.4 14.0 21.0



#82

3,3'-Dichlorobenzidine

Concen: 41.665 ng

RT: 13.939 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF136338.D

Acq: 01 Dec 2023 15:20

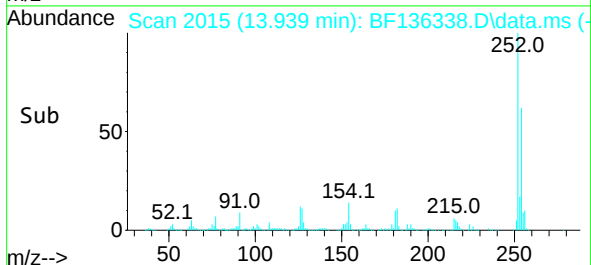
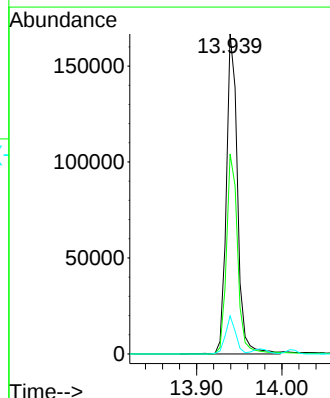
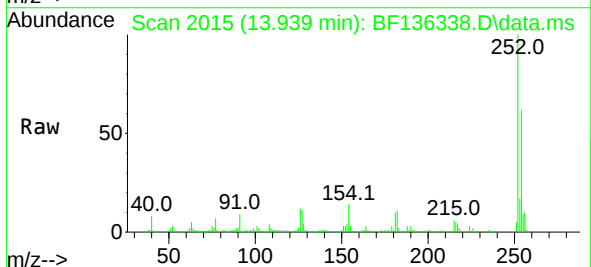
Tgt Ion:252 Resp: 151620

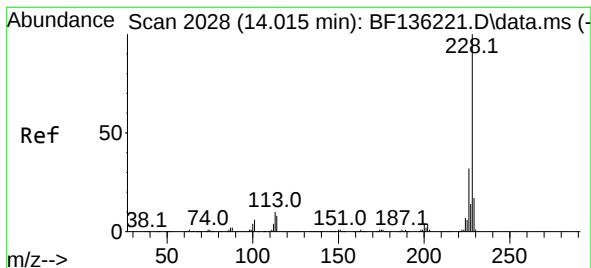
Ion Ratio Lower Upper

252 100

254 62.5 47.4 71.2

126 11.9 8.3 12.5





#83

Chrysene

Concen: 44.345 ng

RT: 14.016 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF136338.D

Acq: 01 Dec 2023 15:20

Instrument :

BNA_F

ClientSampleId :

PB157140BSD

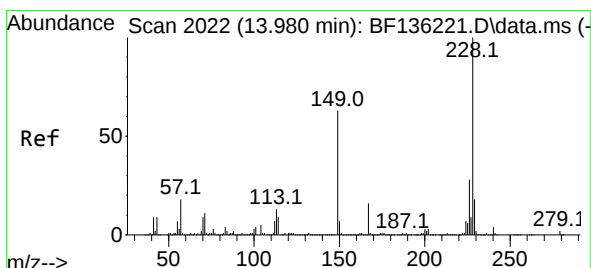
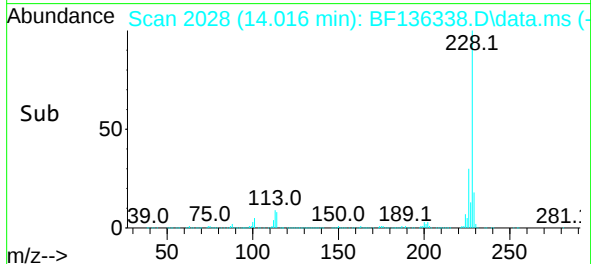
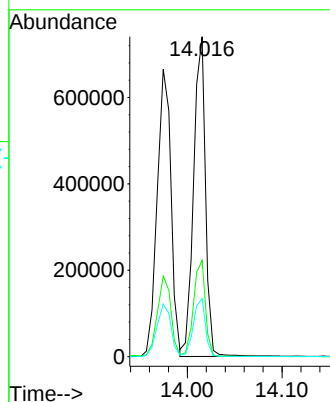
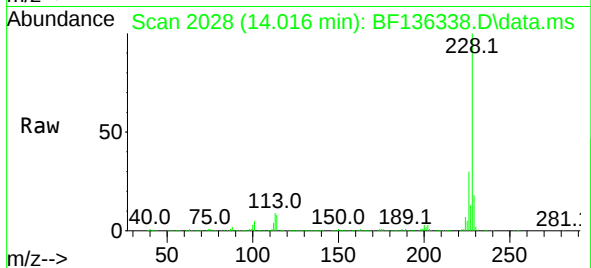
Tgt Ion:228 Resp: 647288

Ion Ratio Lower Upper

228 100

226 30.1 25.5 38.3

229 18.2 13.9 20.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.212 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF136338.D

Acq: 01 Dec 2023 15:20

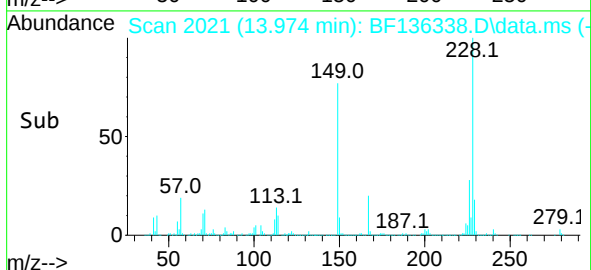
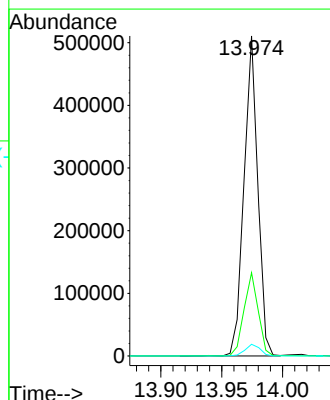
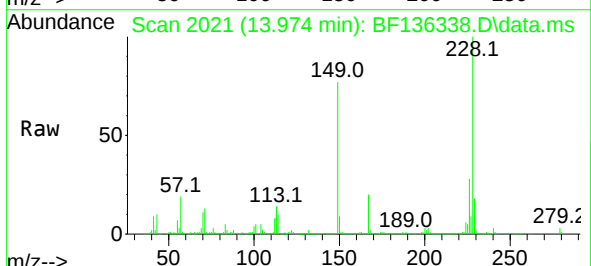
Tgt Ion:149 Resp: 401394

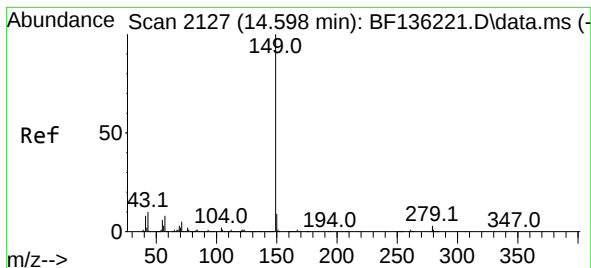
Ion Ratio Lower Upper

149 100

167 26.0 20.2 30.2

279 3.6 2.4 3.6#





#85

Di-n-octyl phthalate

Concen: 53.483 ng

RT: 14.592 min Scan# 2126

Delta R.T. -0.006 min

Lab File: BF136338.D

Acq: 01 Dec 2023 15:20

Instrument :

BNA_F

ClientSampleId :

PB157140BSD

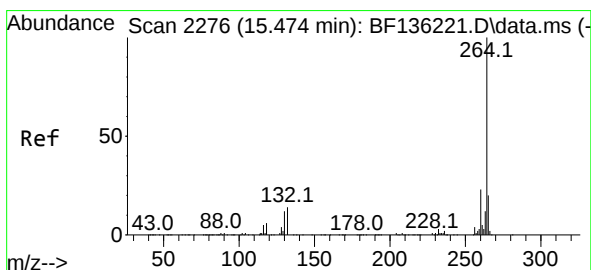
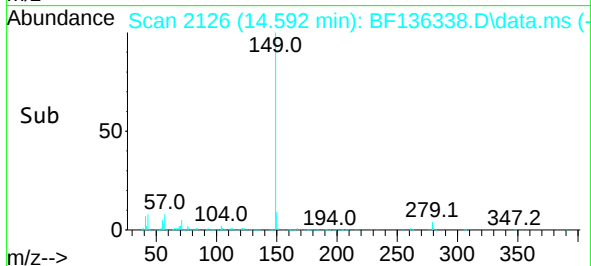
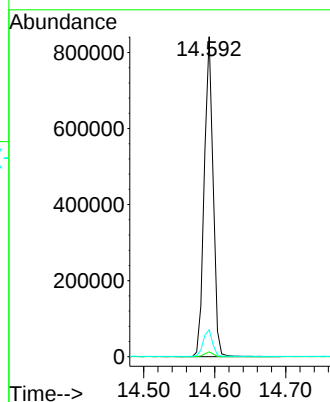
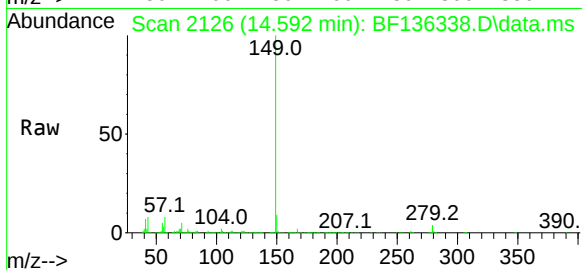
Tgt Ion:149 Resp: 732117

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: BF136338.D

Acq: 01 Dec 2023 15:20

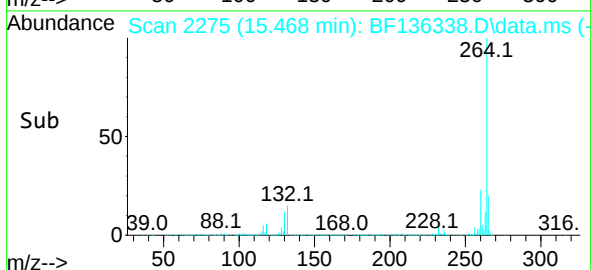
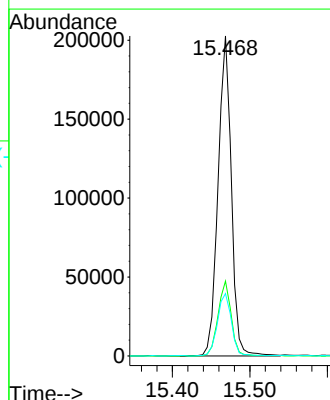
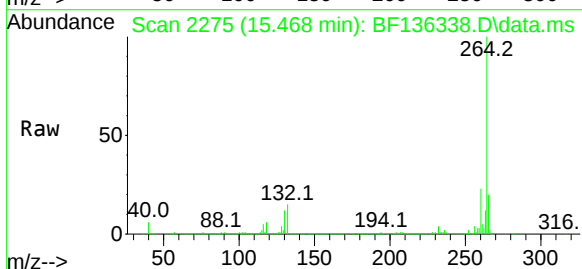
Tgt Ion:264 Resp: 240674

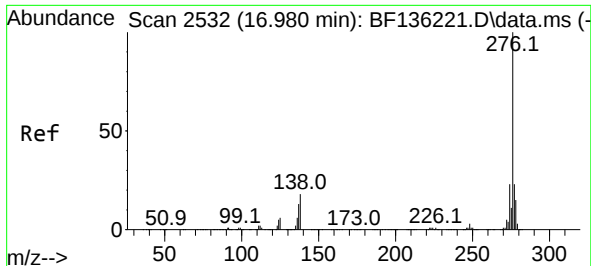
Ion Ratio Lower Upper

264 100

260 23.4 18.6 27.8

265 19.5 15.7 23.5

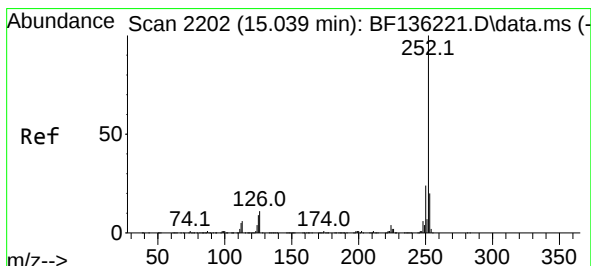
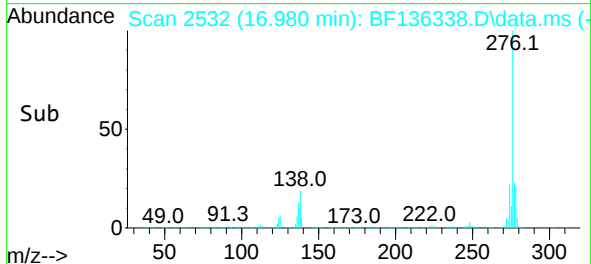
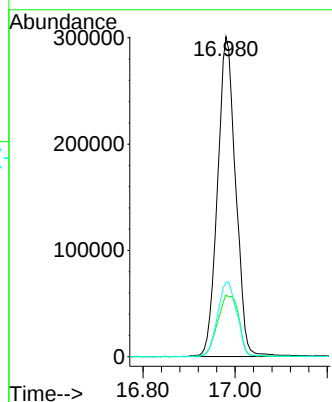
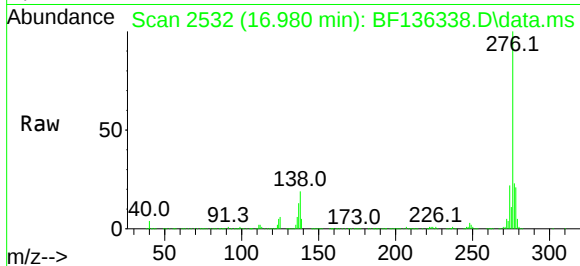




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 45.508 ng
 RT: 16.980 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF136338.D
 Acq: 01 Dec 2023 15:20

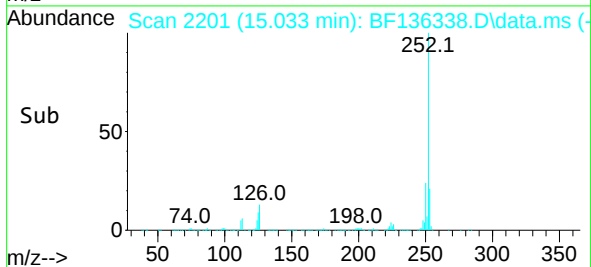
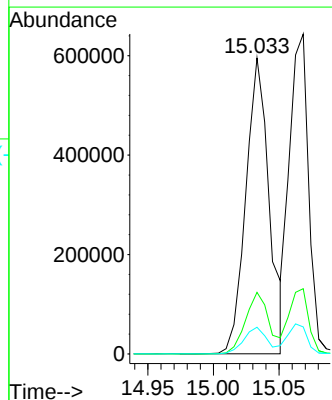
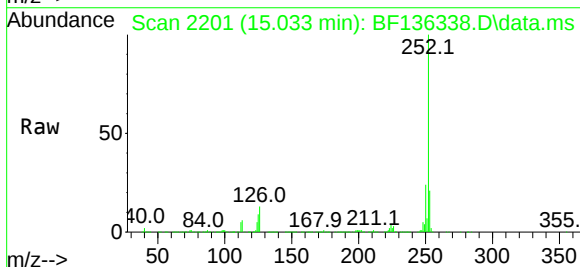
Instrument :
 BNA_F
 ClientSampleId :
 PB157140BSD

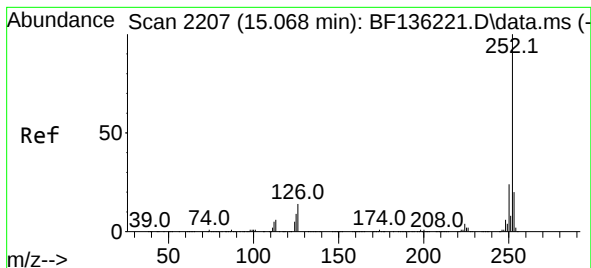
Tgt Ion:276 Resp: 816041
 Ion Ratio Lower Upper
 276 100
 138 22.6 17.7 26.5
 277 25.3 19.6 29.4



#88
 Benzo(b)fluoranthene
 Concen: 43.795 ng
 RT: 15.033 min Scan# 2201
 Delta R.T. -0.006 min
 Lab File: BF136338.D
 Acq: 01 Dec 2023 15:20

Tgt Ion:252 Resp: 739492
 Ion Ratio Lower Upper
 252 100
 253 20.8 16.2 24.2
 125 9.0 6.9 10.3





#89

Benzo(k)fluoranthene

Concen: 41.173 ng

RT: 15.069 min Scan# 21

Delta R.T. 0.001 min

Lab File: BF136338.D

Acq: 01 Dec 2023 15:20

Instrument :

BNA_F

ClientSampleId :

PB157140BSD

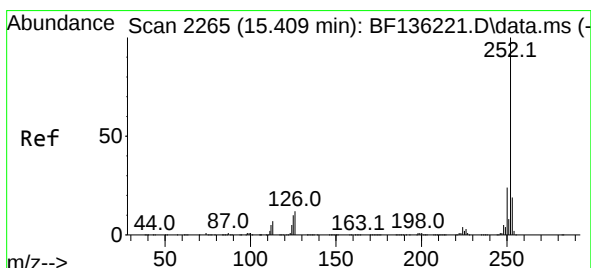
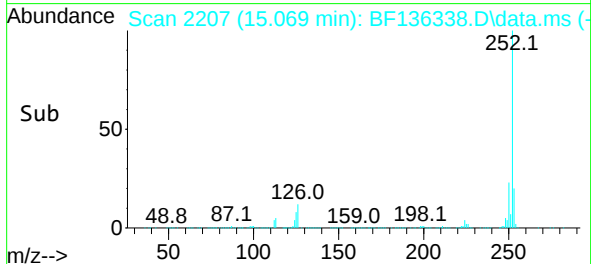
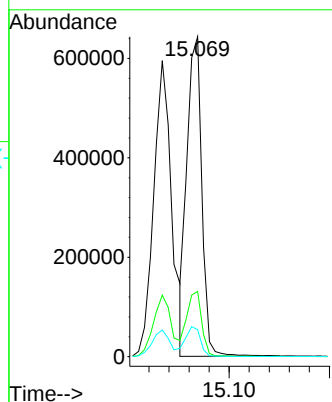
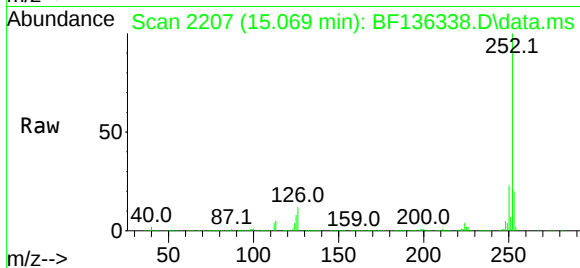
Tgt Ion:252 Resp: 660300

Ion Ratio Lower Upper

252 100

253 20.4 15.6 23.4

125 8.5 7.0 10.4



#90

Benzo(a)pyrene

Concen: 45.058 ng

RT: 15.410 min Scan# 2265

Delta R.T. 0.001 min

Lab File: BF136338.D

Acq: 01 Dec 2023 15:20

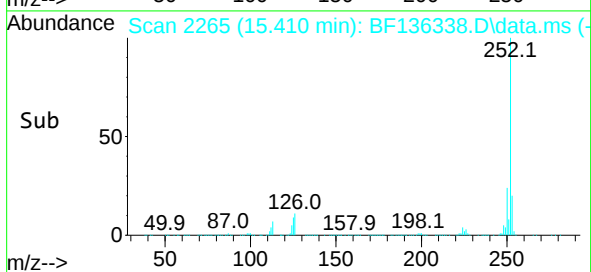
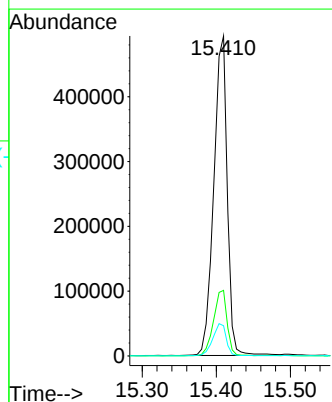
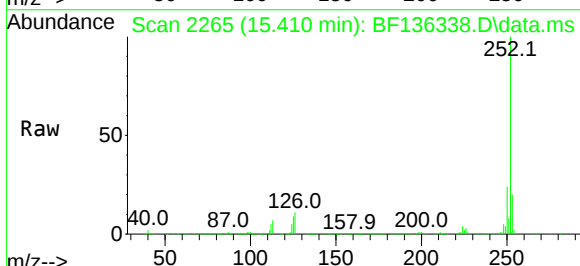
Tgt Ion:252 Resp: 621955

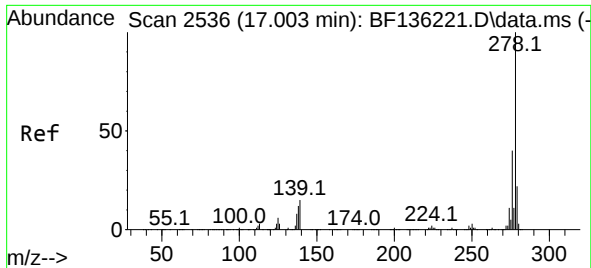
Ion Ratio Lower Upper

252 100

253 20.5 15.5 23.3

125 9.4 7.9 11.9

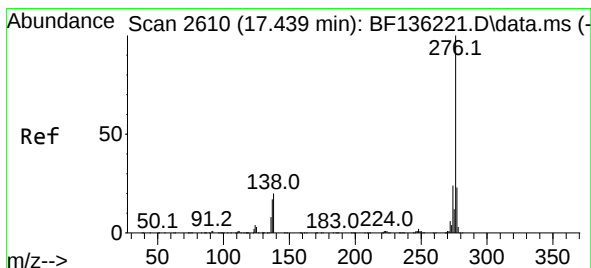
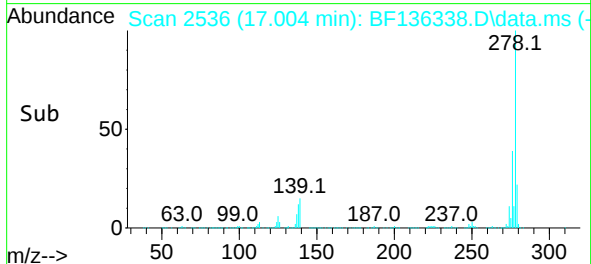
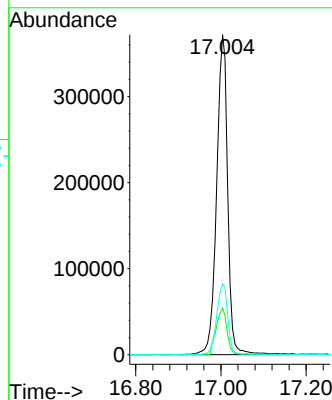
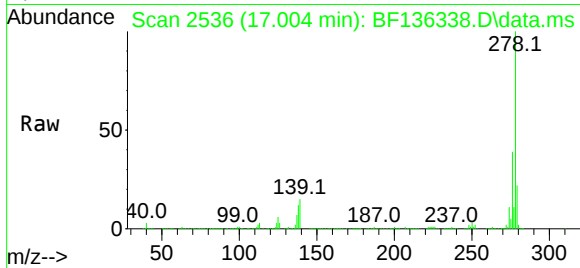




#91
Dibenzo(a,h)anthracene
Concen: 46.443 ng
RT: 17.004 min Scan# 21
Delta R.T. 0.001 min
Lab File: BF136338.D
Acq: 01 Dec 2023 15:20

Instrument :
BNA_F
ClientSampleId :
PB157140BSD

Tgt Ion:278 Resp: 669234
Ion Ratio Lower Upper
278 100
139 14.6 11.7 17.5
279 22.1 17.8 26.8



#92
Benzo(g,h,i)perylene
Concen: 44.248 ng
RT: 17.439 min Scan# 2610
Delta R.T. -0.000 min
Lab File: BF136338.D
Acq: 01 Dec 2023 15:20

Tgt Ion:276 Resp: 638854
Ion Ratio Lower Upper
276 100
277 23.3 18.6 27.8
138 20.5 15.8 23.8

