

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
 Data File : BF136332.D
 Acq On : 01 Dec 2023 12:08
 Operator : CG\JU
 Sample : PB157138BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157138BS

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	138172	20.000	ng	0.00
21) Naphthalene-d8	8.087	136	613120	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	314144	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	537508	20.000	ng	0.00
76) Chrysene-d12	13.992	240	239799	20.000	ng	0.00
86) Perylene-d12	15.474	264	260106	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1123372	113.161	ng	0.02
7) Phenol-d6	6.451	99	1396891	112.537	ng	0.00
23) Nitrobenzene-d5	7.375	82	834223	71.900	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	429646	111.867	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	1757454	71.458	ng	0.00
79) Terphenyl-d14	12.933	244	1515189	72.884	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.681	88	117902	31.389	ng	95
3) Pyridine	3.440	79	286544	30.903	ng	95
4) n-Nitrosodimethylamine	3.405	42	165614	35.335	ng	92
6) Aniline	6.475	93	370899	31.614	ng	97
8) 2-Chlorophenol	6.598	128	443858	41.063	ng	91
9) Benzaldehyde	6.357	77	21281	3.076	ng	95
10) Phenol	6.463	94	521735	39.179	ng	98
11) bis(2-Chloroethyl)ether	6.551	93	392130	40.139	ng	94
12) 1,3-Dichlorobenzene	6.751	146	457547	37.300	ng	98
13) 1,4-Dichlorobenzene	6.828	146	472812	37.916	ng	99
14) 1,2-Dichlorobenzene	6.975	146	436032	36.935	ng	97
15) Benzyl Alcohol	6.957	79	351040	40.337	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.081	45	524518	38.654	ng	97
17) 2-Methylphenol	7.063	107	345119	40.612	ng	97
18) Hexachloroethane	7.316	117	162292	37.103	ng	94
19) n-Nitroso-di-n-propyla...	7.228	70	294841	39.715	ng	96
20) 3+4-Methylphenols	7.216	107	433947	39.292	ng	92
22) Acetophenone	7.216	105	603475	37.477	ng	# 97
24) Nitrobenzene	7.393	77	430430	36.608	ng	96
25) Isophorone	7.628	82	803835	38.422	ng	97
26) 2-Nitrophenol	7.704	139	224890	44.890	ng	97
27) 2,4-Dimethylphenol	7.745	122	348673	52.878	ng	95
28) bis(2-Chloroethoxy)met...	7.840	93	496230	39.213	ng	97
29) 2,4-Dichlorophenol	7.945	162	366254	41.180	ng	98
30) 1,2,4-Trichlorobenzene	8.028	180	403318	37.039	ng	100
31) Naphthalene	8.110	128	1306143	37.901	ng	98
32) Benzoic acid	7.881	122	258186	42.963	ng	99
33) 4-Chloroaniline	8.157	127	281700	24.048	ng	98
34) Hexachlorobutadiene	8.222	225	229672	36.052	ng	99
35) Caprolactam	8.534	113	69839	28.089	ng	97
36) 4-Chloro-3-methylphenol	8.645	107	385995	40.015	ng	98
37) 2-Methylnaphthalene	8.798	142	821414	37.997	ng	98
38) 1-Methylnaphthalene	8.898	142	785945	37.269	ng	94
40) 1,2,4,5-Tetrachloroben...	8.969	216	392956	39.305	ng	98
41) Hexachlorocyclopentadiene	8.951	237	386205	100.393	ng	96
43) 2,4,6-Trichlorophenol	9.081	196	264409	40.746	ng	94

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
 Data File : BF136332.D
 Acq On : 01 Dec 2023 12:08
 Operator : CG\JU
 Sample : PB157138BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157138BS

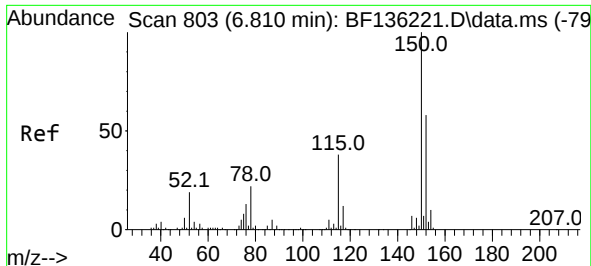
Quant Time: Dec 04 05:56:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	276311	39.018	ng	99
46) 1,1'-Biphenyl	9.269	154	1060605	38.285	ng	99
47) 2-Chloronaphthalene	9.292	162	803918	37.368	ng	98
48) 2-Nitroaniline	9.392	65	225322	40.115	ng	# 84
49) Acenaphthylene	9.710	152	1246747	40.609	ng	100
50) Dimethylphthalate	9.575	163	926871	39.037	ng	99
51) 2,6-Dinitrotoluene	9.634	165	196969	40.607	ng	99
52) Acenaphthene	9.881	154	736039	37.937	ng	98
53) 3-Nitroaniline	9.804	138	152525	31.690	ng	92
54) 2,4-Dinitrophenol	9.916	184	192406	85.288	ng	# 87
55) Dibenzofuran	10.057	168	1134050	39.281	ng	96
56) 4-Nitrophenol	9.969	139	266935	73.024	ng	93
57) 2,4-Dinitrotoluene	10.039	165	249344	38.483	ng	91
58) Fluorene	10.398	166	849552	37.515	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	226600	40.217	ng	99
60) Diethylphthalate	10.275	149	888217	37.397	ng	99
61) 4-Chlorophenyl-phenyle...	10.392	204	415220	37.756	ng	99
62) 4-Nitroaniline	10.422	138	160308	34.027	ng	95
63) Azobenzene	10.551	77	818428	37.169	ng	96
65) 4,6-Dinitro-2-methylph...	10.451	198	127219	43.281	ng	84
66) n-Nitrosodiphenylamine	10.510	169	742811	43.123	ng	99
67) 4-Bromophenyl-phenylether	10.881	248	261383	41.682	ng	98
68) Hexachlorobenzene	10.945	284	294664	40.600	ng	95
69) Atrazine	11.045	200	204750	40.070	ng	98
70) Pentachlorophenol	11.139	266	263387	64.202	ng	98
71) Phenanthrene	11.363	178	1236491	40.929	ng	99
72) Anthracene	11.416	178	1229127	40.571	ng	99
73) Carbazole	11.569	167	947114	36.757	ng	99
74) Di-n-butylphthalate	11.904	149	1223653	37.955	ng	98
75) Fluoranthene	12.557	202	1038900	33.875	ng	97
77) Benzidine	12.680	184	94054	23.860	ng	99
78) Pyrene	12.786	202	1013296	38.584	ng	97
80) Butylbenzylphthalate	13.410	149	332815	40.719	ng	97
81) Benzo(a)anthracene	13.980	228	702269	39.428	ng	98
82) 3,3'-Dichlorobenzidine	13.945	252	205299	47.883	ng	97
83) Chrysene	14.016	228	673921	39.187	ng	98
84) Bis(2-ethylhexyl)phtha...	13.974	149	430367	43.874	ng	99
85) Di-n-octyl phthalate	14.592	149	780485	48.884	ng	100
87) Indeno(1,2,3-cd)pyrene	16.992	276	851352	44.023	ng	99
88) Benzo(b)fluoranthene	15.039	252	733295	40.184	ng	99
89) Benzo(k)fluoranthene	15.068	252	721501	41.629	ng	98
90) Benzo(a)pyrene	15.410	252	647045	43.374	ng	97
91) Dibenzo(a,h)anthracene	17.010	278	705136	45.347	ng	99
92) Benzo(g,h,i)perylene	17.451	276	679502	43.578	ng	99

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

Quant Time: Dec 04 05:56:20 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

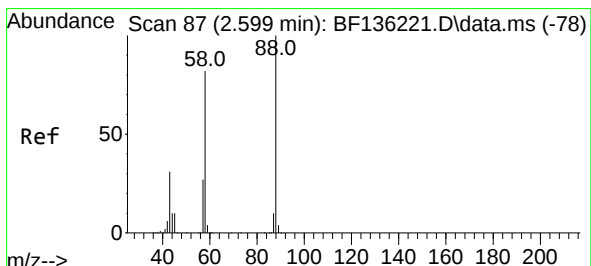
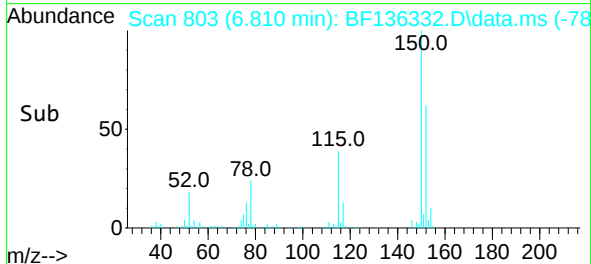
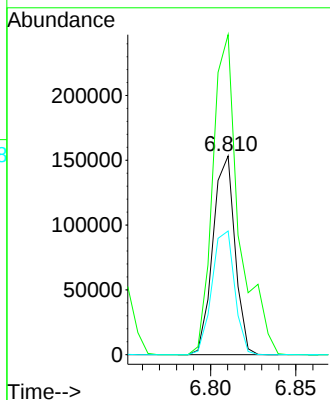
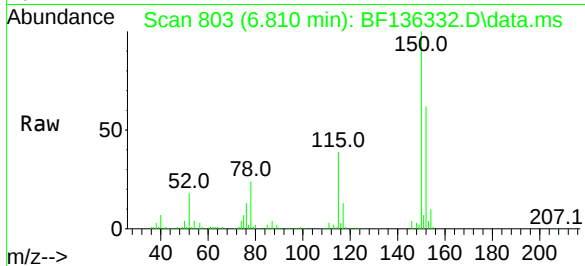




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.810 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF136332.D
 Acq: 01 Dec 2023 12:08

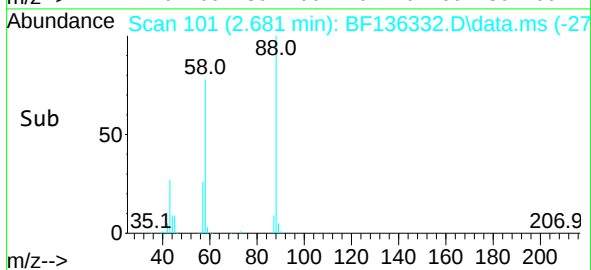
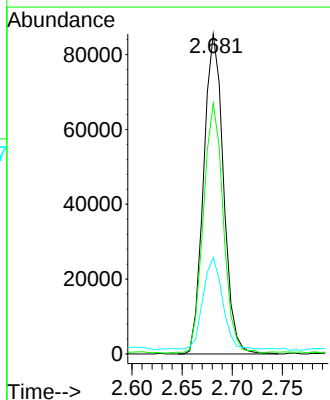
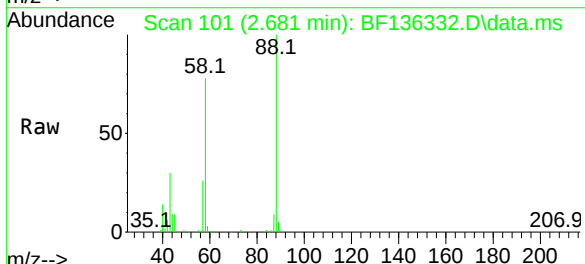
Instrument :
 BNA_F
 ClientSampleId :
 PB157138BS

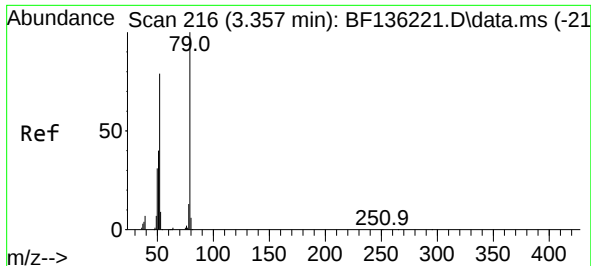
Tgt Ion:152 Resp: 138172
 Ion Ratio Lower Upper
 152 100
 150 161.0 137.8 206.8
 115 62.2 52.7 79.1



#2
 1,4-Dioxane
 Concen: 31.389 ng
 RT: 2.681 min Scan# 101
 Delta R.T. 0.083 min
 Lab File: BF136332.D
 Acq: 01 Dec 2023 12:08

Tgt Ion: 88 Resp: 117902
 Ion Ratio Lower Upper
 88 100
 58 78.0 65.9 98.9
 43 28.9 24.8 37.2

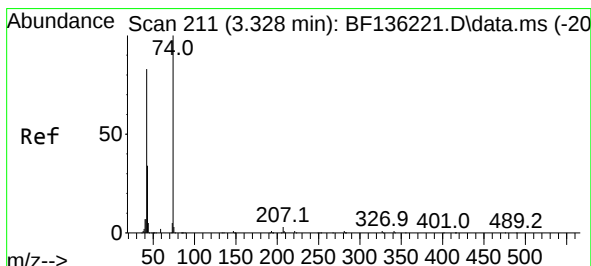
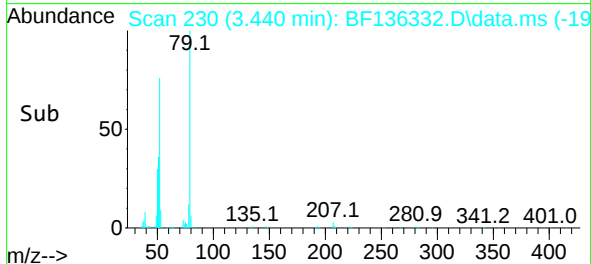
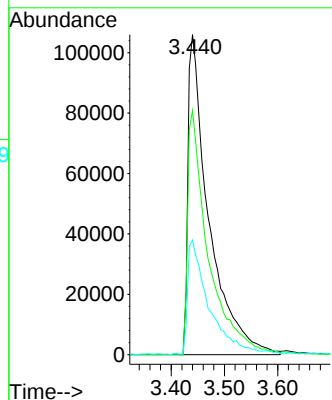
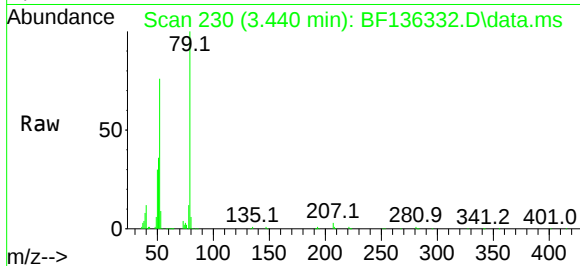




#3
 Pyridine
 Concen: 30.903 ng
 RT: 3.440 min Scan# 216
 Delta R.T. 0.083 min
 Lab File: BF136332.D
 Acq: 01 Dec 2023 12:08

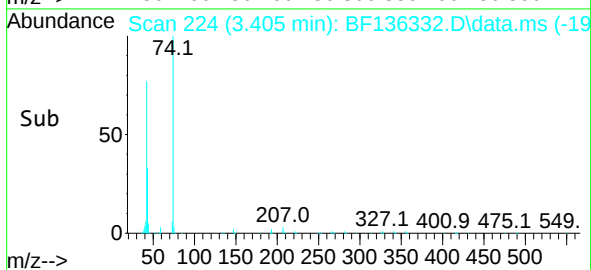
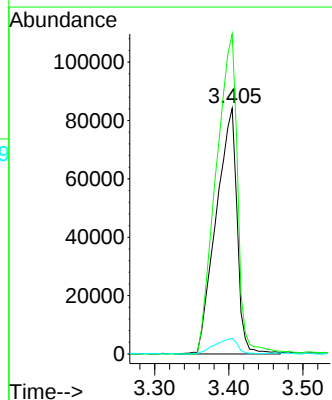
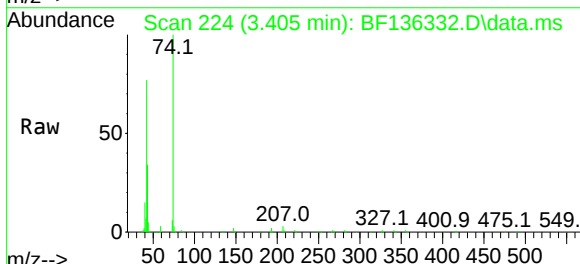
Instrument :
 BNA_F
 ClientSampleId :
 PB157138BS

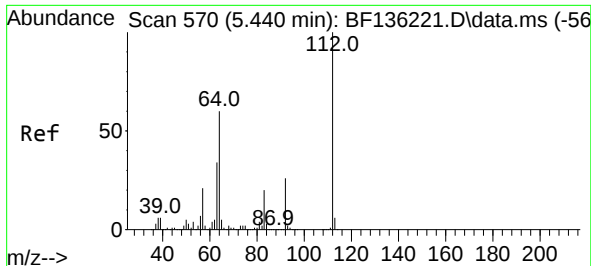
Tgt Ion: 79 Resp: 286544
 Ion Ratio Lower Upper
 79 100
 52 76.4 63.2 94.8
 51 35.8 32.6 49.0



#4
 n-Nitrosodimethylamine
 Concen: 35.335 ng
 RT: 3.405 min Scan# 224
 Delta R.T. 0.077 min
 Lab File: BF136332.D
 Acq: 01 Dec 2023 12:08

Tgt Ion: 42 Resp: 165614
 Ion Ratio Lower Upper
 42 100
 74 130.3 96.6 144.8
 44 6.3 5.4 8.2

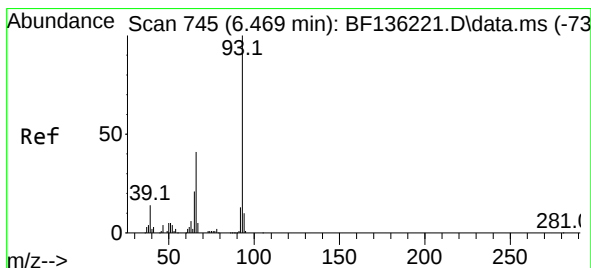
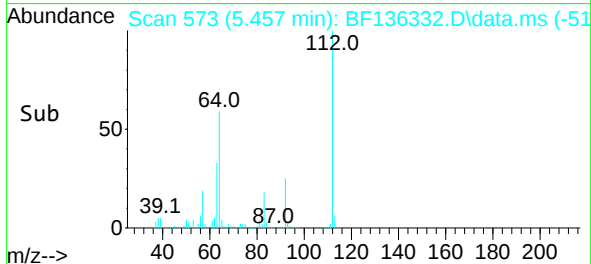
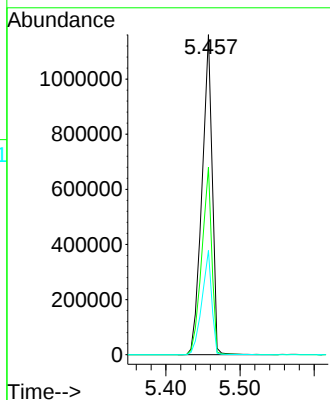
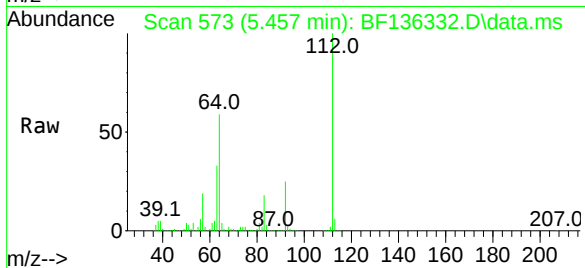




#5
2-Fluorophenol
Concen: 113.161 ng
RT: 5.457 min Scan# 511
Delta R.T. 0.018 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

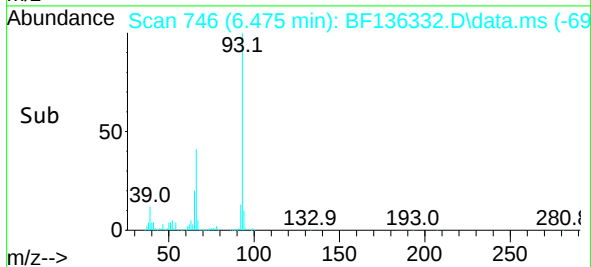
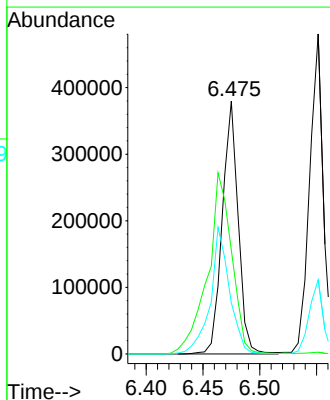
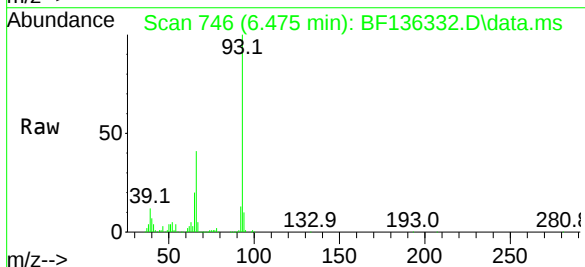
Instrument :
BNA_F
ClientSampleId :
PB157138BS

Tgt Ion:112 Resp: 1123372
Ion Ratio Lower Upper
112 100
64 58.5 48.2 72.4
63 32.6 27.0 40.6



#6
Aniline
Concen: 31.614 ng
RT: 6.475 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

Tgt Ion: 93 Resp: 370899
Ion Ratio Lower Upper
93 100
66 41.1 34.1 51.1
65 20.2 17.3 25.9

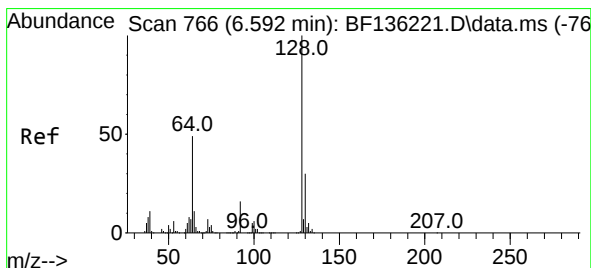
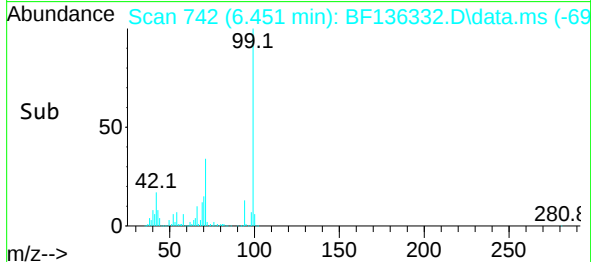
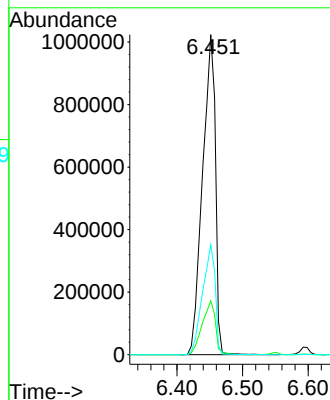
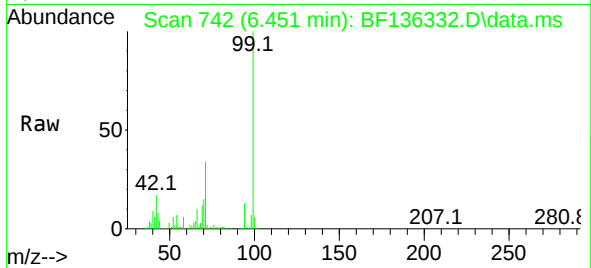




#7
Phenol-d6
Concen: 112.537 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

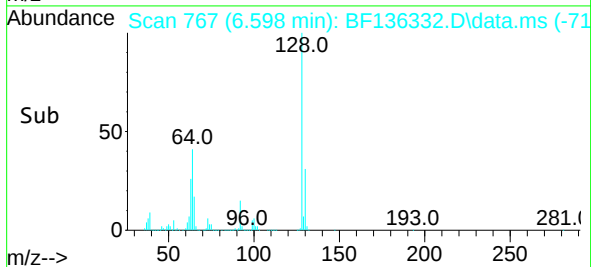
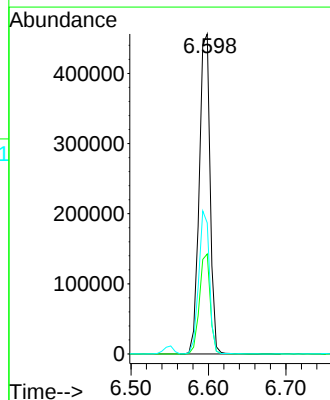
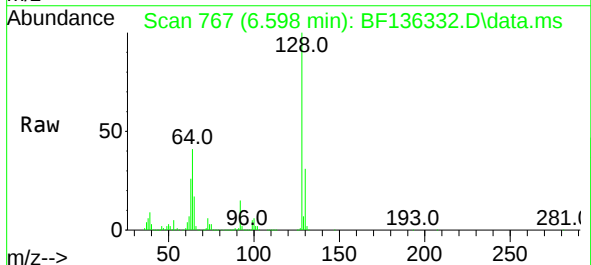
Instrument :
BNA_F
ClientSampleId :
PB157138BS

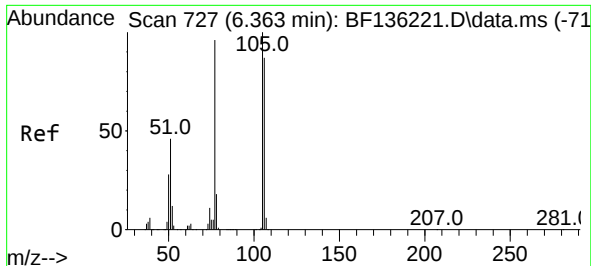
Tgt Ion: 99 Resp: 1396891
Ion Ratio Lower Upper
99 100
42 16.8 15.0 22.6
71 34.4 28.9 43.3



#8
2-Chlorophenol
Concen: 41.063 ng
RT: 6.598 min Scan# 767
Delta R.T. 0.006 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

Tgt Ion:128 Resp: 443858
Ion Ratio Lower Upper
128 100
130 31.2 10.3 50.3
64 41.0 30.0 70.0

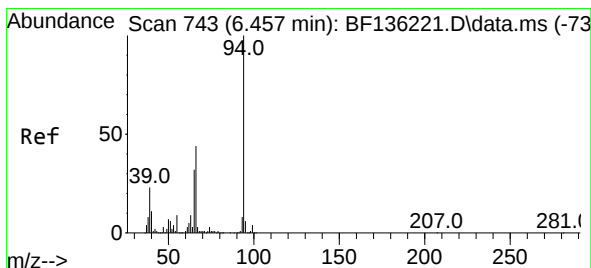
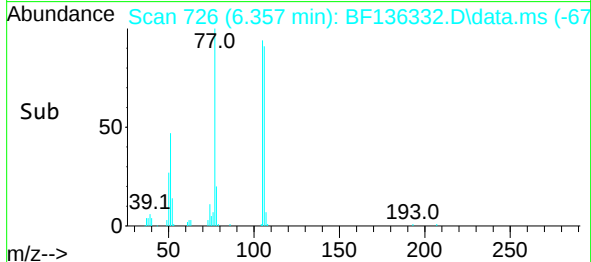
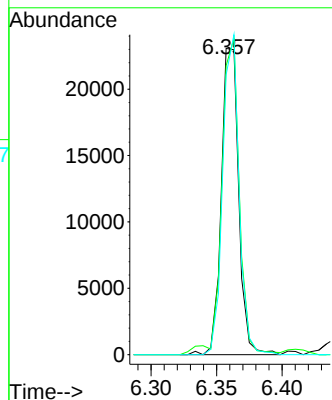
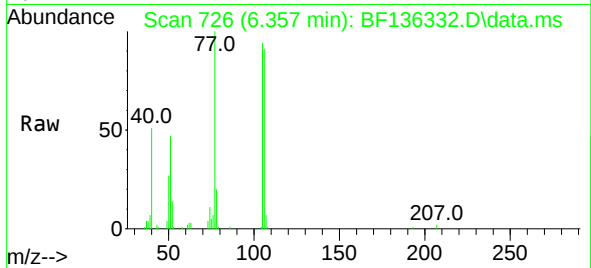




#9
Benzaldehyde
Concen: 3.076 ng
RT: 6.357 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

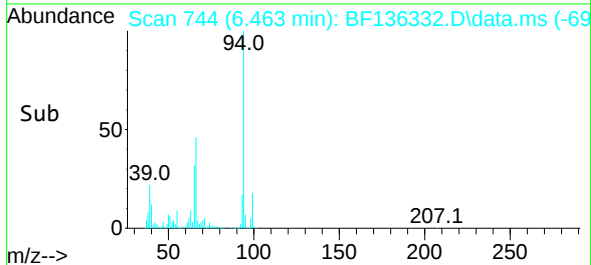
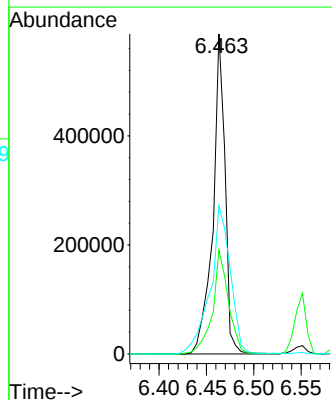
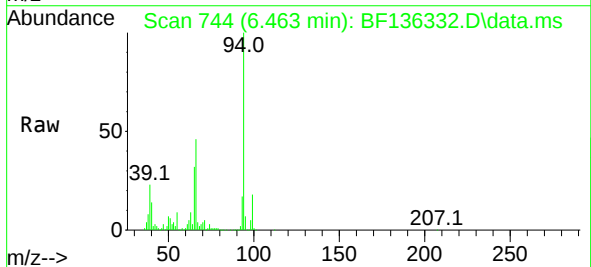
Instrument :
BNA_F
ClientSampleId :
PB157138BS

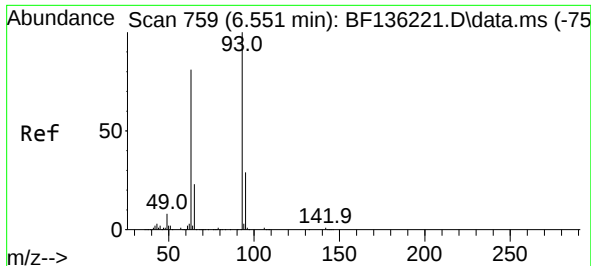
Tgt Ion: 77 Resp: 21281
Ion Ratio Lower Upper
77 100
105 94.3 84.3 124.3
106 91.4 71.0 111.0



#10
Phenol
Concen: 39.179 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

Tgt Ion: 94 Resp: 521735
Ion Ratio Lower Upper
94 100
65 32.4 12.5 52.5
66 46.3 24.1 64.1

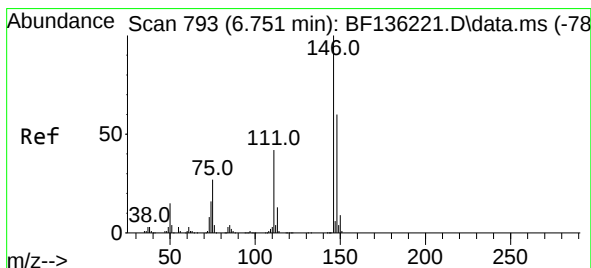
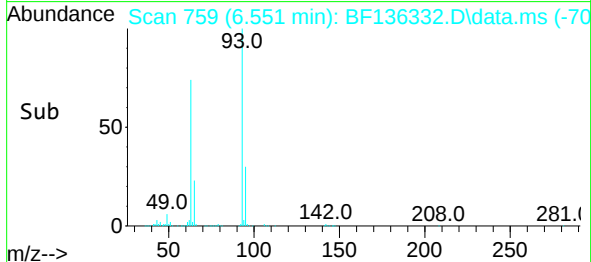
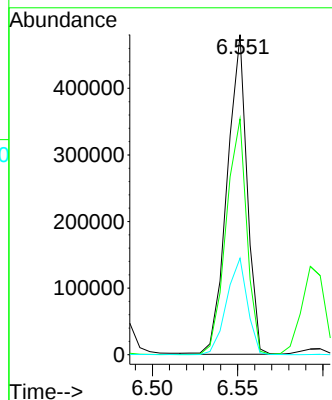
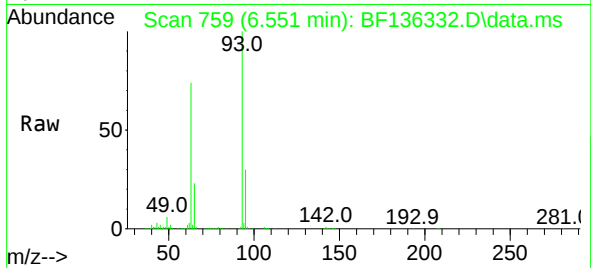




#11
bis(2-Chloroethyl)ether
Concen: 40.139 ng
RT: 6.551 min Scan# 759
Delta R.T. 0.000 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

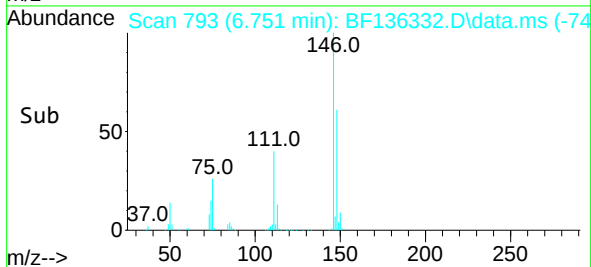
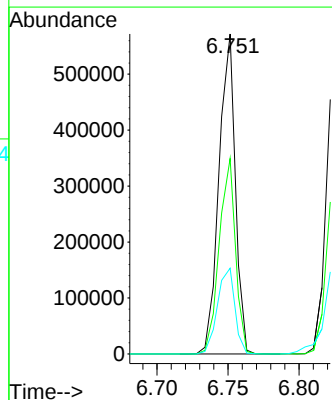
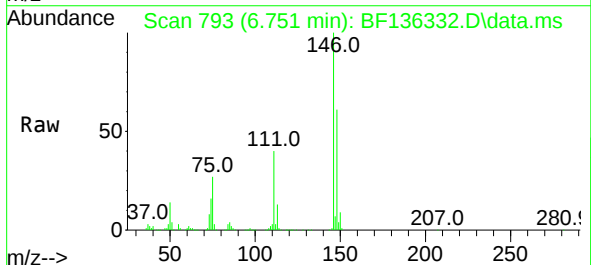
Instrument :
BNA_F
ClientSampleId :
PB157138BS

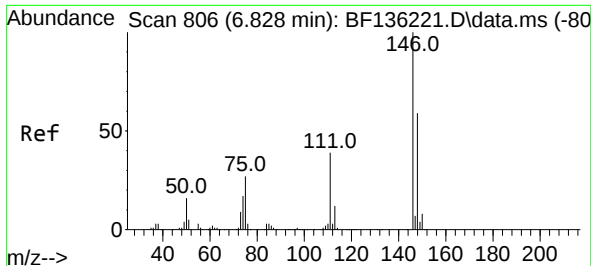
Tgt Ion: 93 Resp: 392130
Ion Ratio Lower Upper
93 100
63 73.7 60.2 100.2
95 30.1 9.1 49.1



#12
1,3-Dichlorobenzene
Concen: 37.300 ng
RT: 6.751 min Scan# 793
Delta R.T. 0.000 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

Tgt Ion: 146 Resp: 457547
Ion Ratio Lower Upper
146 100
148 61.1 47.8 71.6
75 26.8 22.0 33.0





#13

1,4-Dichlorobenzene

Concen: 37.916 ng

RT: 6.828 min Scan# 806

Delta R.T. 0.000 min

Lab File: BF136332.D

Acq: 01 Dec 2023 12:08

Instrument :

BNA_F

ClientSampleId :

PB157138BS

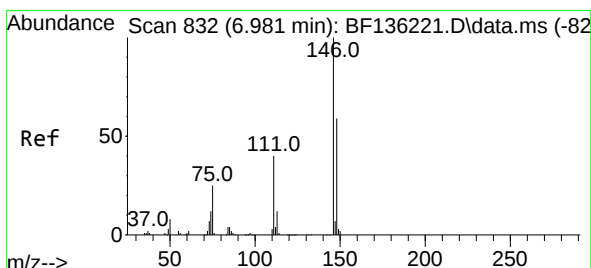
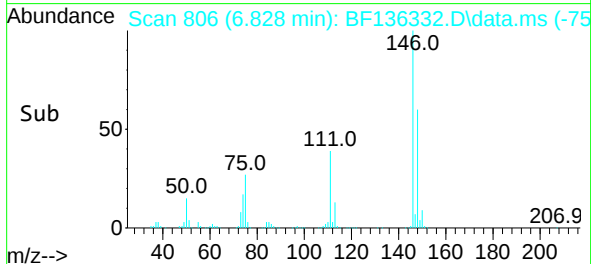
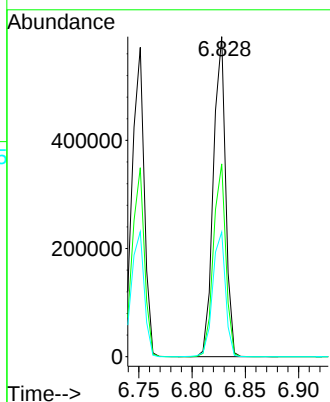
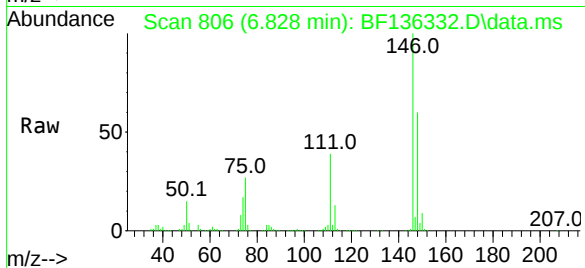
Tgt Ion:146 Resp: 472812

Ion Ratio Lower Upper

146 100

148 60.3 47.0 70.6

111 38.9 31.5 47.3



#14

1,2-Dichlorobenzene

Concen: 36.935 ng

RT: 6.975 min Scan# 831

Delta R.T. -0.006 min

Lab File: BF136332.D

Acq: 01 Dec 2023 12:08

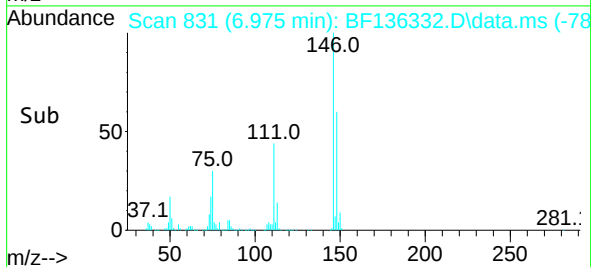
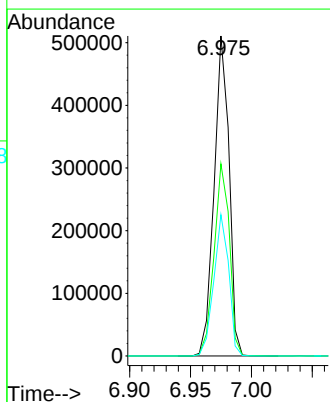
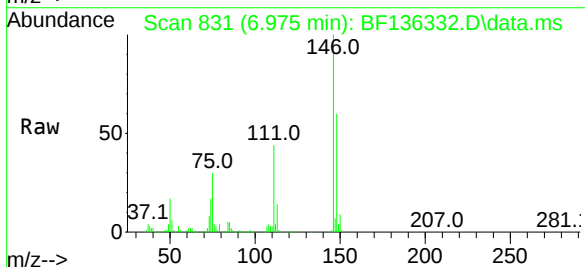
Tgt Ion:146 Resp: 436032

Ion Ratio Lower Upper

146 100

148 60.1 47.3 70.9

111 44.1 32.4 48.6

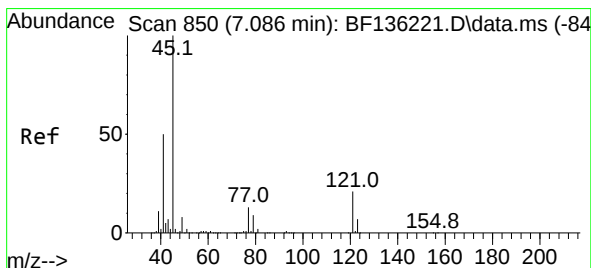
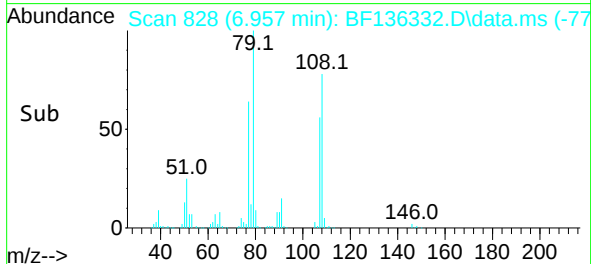
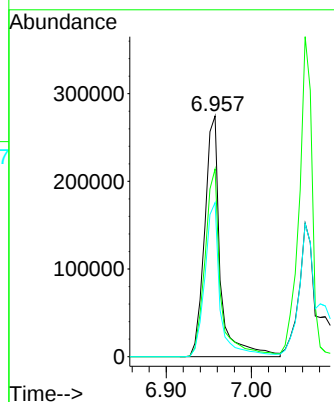
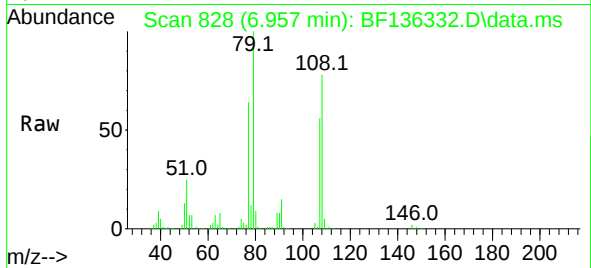




#15
Benzyl Alcohol
Concen: 40.337 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

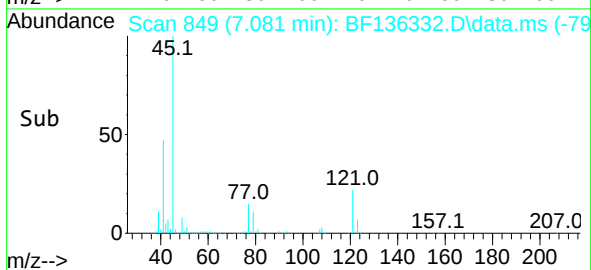
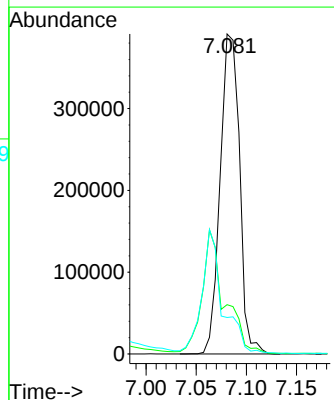
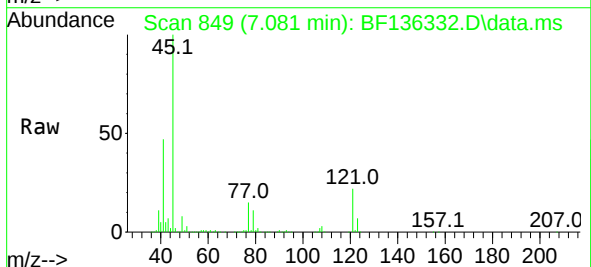
Instrument :
BNA_F
ClientSampleId :
PB157138BS

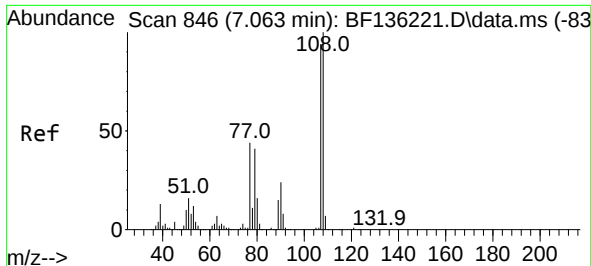
Tgt Ion: 79 Resp: 351040
Ion Ratio Lower Upper
79 100
108 78.0 58.1 87.1
77 64.0 51.8 77.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.654 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

Tgt Ion: 45 Resp: 524518
Ion Ratio Lower Upper
45 100
77 15.4 0.0 34.0
79 11.4 0.0 30.1

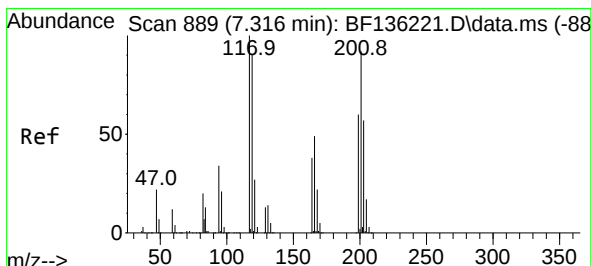
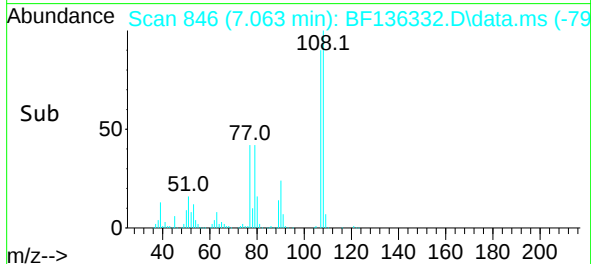
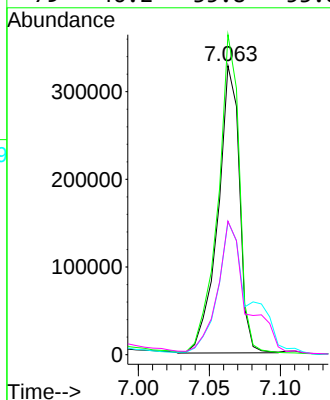
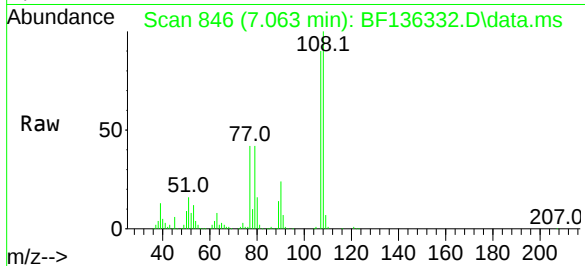




#17
2-Methylphenol
Concen: 40.612 ng
RT: 7.063 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

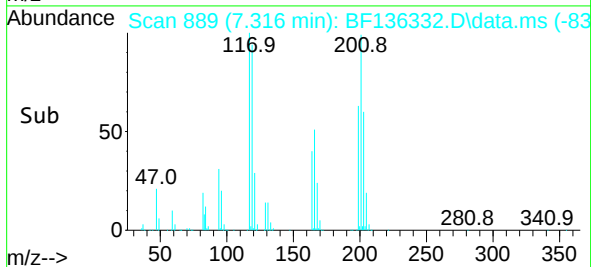
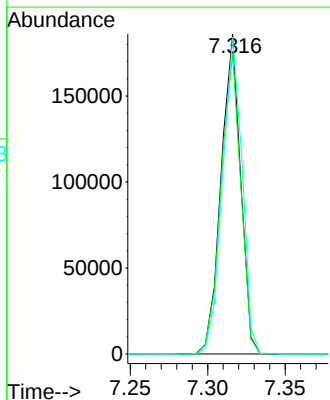
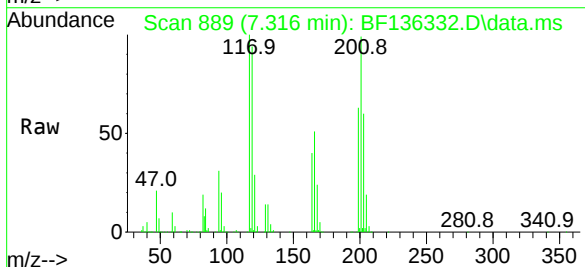
Instrument :
BNA_F
ClientSampleId :
PB157138BS

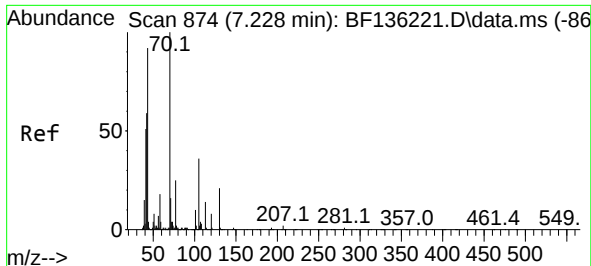
Tgt Ion:107 Resp: 345119
Ion Ratio Lower Upper
107 100
108 110.7 85.4 128.0
77 46.0 37.4 56.2
79 46.2 35.8 53.8



#18
Hexachloroethane
Concen: 37.103 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

Tgt Ion:117 Resp: 162292
Ion Ratio Lower Upper
117 100
119 93.8 71.6 107.4
201 99.0 73.4 110.2

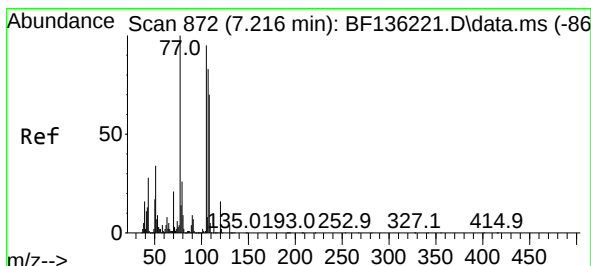
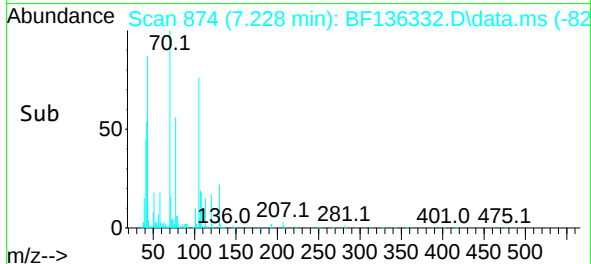
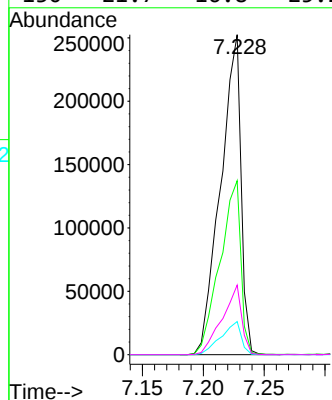
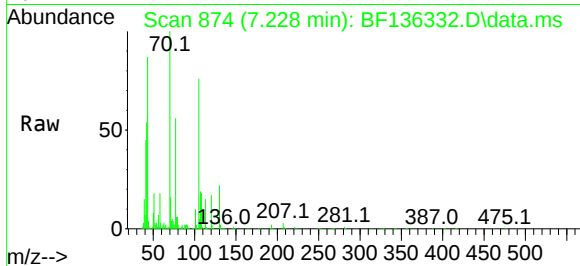




#19
n-Nitroso-di-n-propylamine
Concen: 39.715 ng
RT: 7.228 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

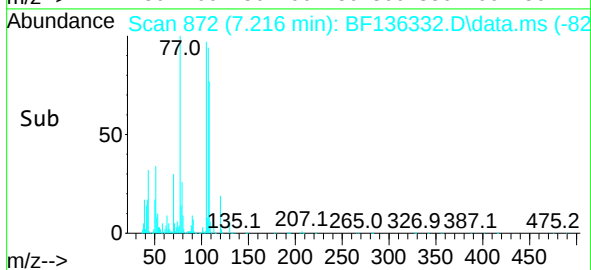
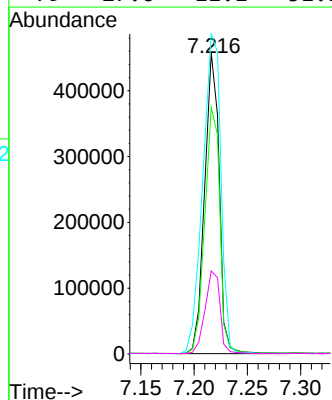
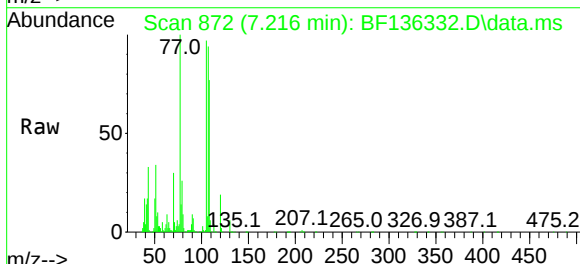
Instrument :
BNA_F
ClientSampleId :
PB157138BS

Tgt Ion: 70 Resp: 294841
Ion Ratio Lower Upper
70 100
42 54.4 47.0 70.4
101 10.4 7.8 11.8
130 21.7 16.8 25.2



#20
3+4-Methylphenols
Concen: 39.292 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

Tgt Ion: 107 Resp: 433947
Ion Ratio Lower Upper
107 100
108 81.9 63.9 103.9
77 106.3 100.2 140.2
79 27.6 11.1 51.1

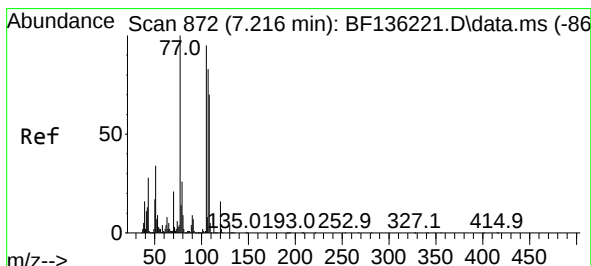
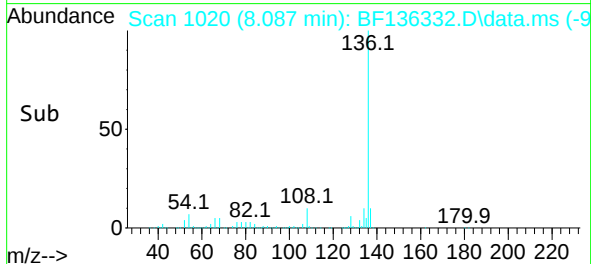
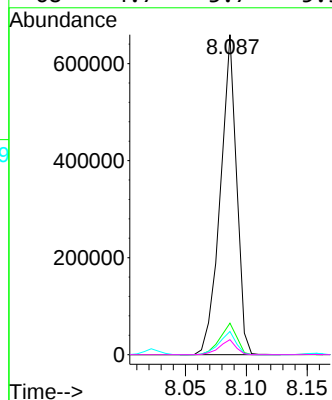
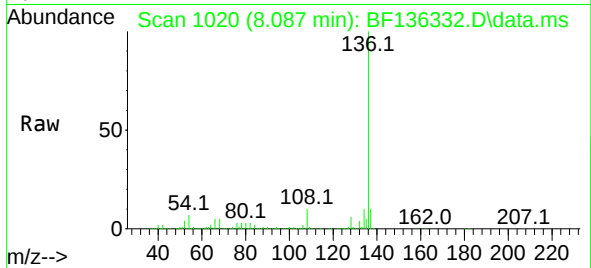




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.087 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

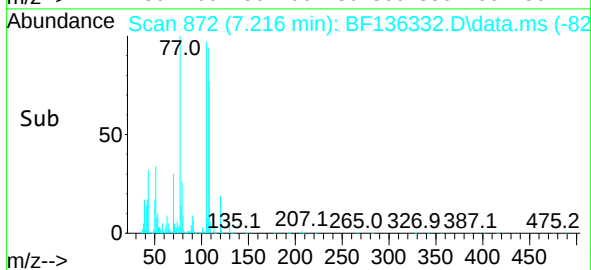
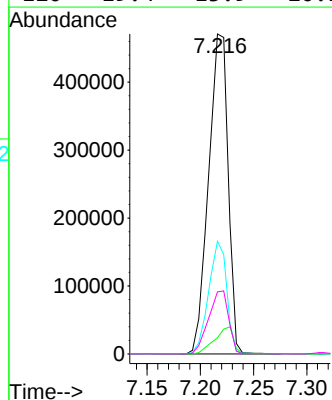
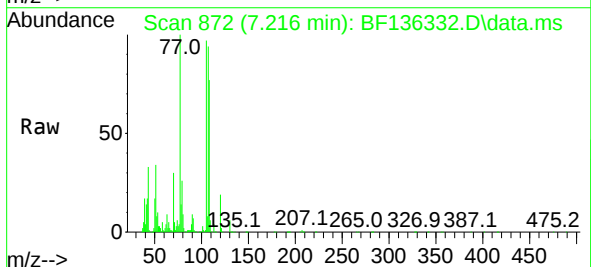
Instrument :
BNA_F
ClientSampleId :
PB157138BS

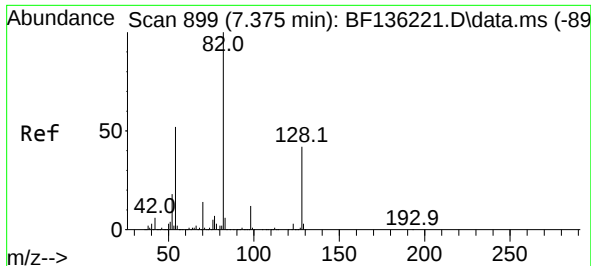
Tgt Ion:136 Resp: 613120
Ion Ratio Lower Upper
136 100
137 9.8 7.4 11.2
54 7.2 5.5 8.3
68 4.7 3.7 5.5



#22
Acetophenone
Concen: 37.477 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

Tgt Ion:105 Resp: 603475
Ion Ratio Lower Upper
105 100
71 5.1 2.8 4.2#
51 35.3 29.0 43.6
120 19.4 13.9 20.9





#23

Nitrobenzene-d5

Concen: 71.900 ng

RT: 7.375 min Scan# 899

Delta R.T. 0.000 min

Lab File: BF136332.D

Acq: 01 Dec 2023 12:08

Instrument :

BNA_F

ClientSampleId :

PB157138BS

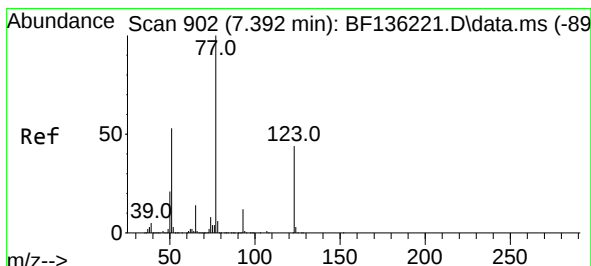
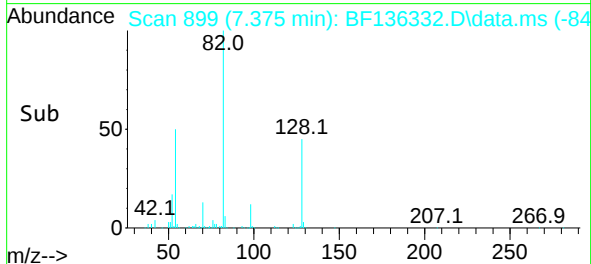
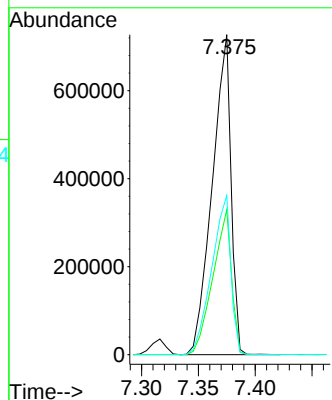
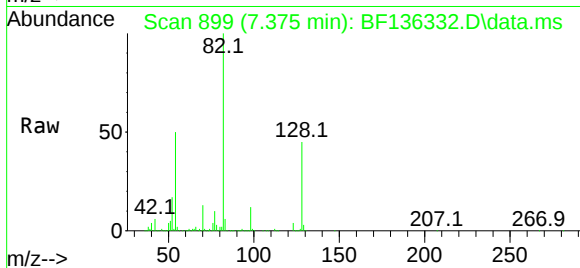
Tgt Ion: 82 Resp: 834223

Ion Ratio Lower Upper

82 100

128 45.3 33.4 50.2

54 49.7 41.7 62.5



#24

Nitrobenzene

Concen: 36.608 ng

RT: 7.393 min Scan# 902

Delta R.T. 0.000 min

Lab File: BF136332.D

Acq: 01 Dec 2023 12:08

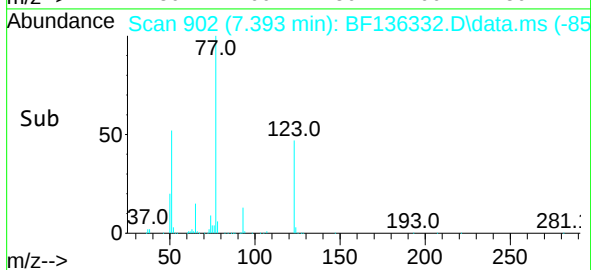
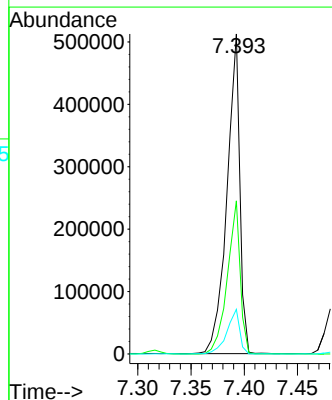
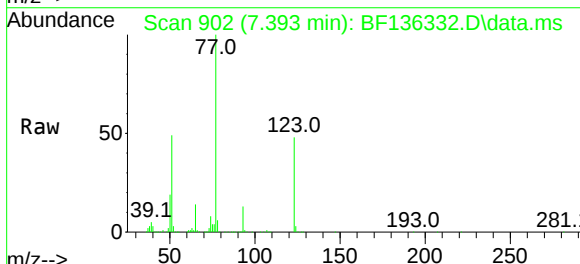
Tgt Ion: 77 Resp: 430430

Ion Ratio Lower Upper

77 100

123 47.8 35.4 53.2

65 14.0 11.0 16.6

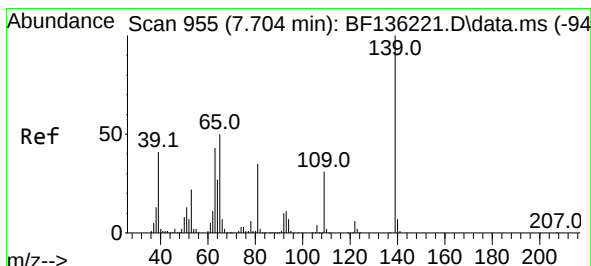
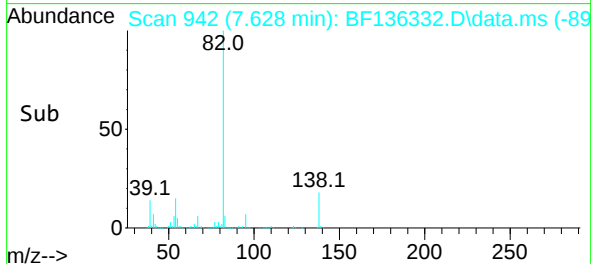
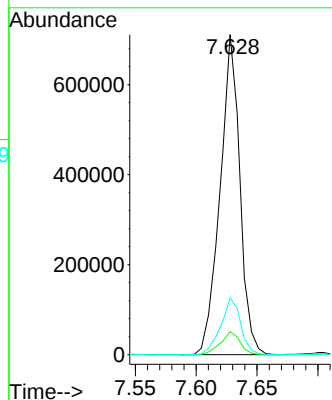
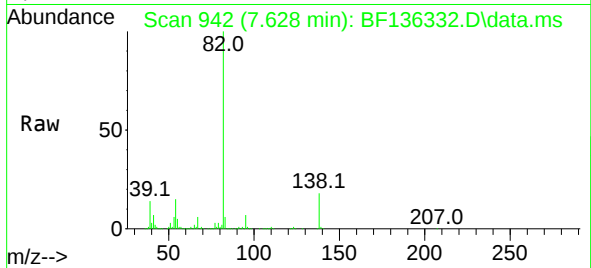




#25
Isophorone
Concen: 38.422 ng
RT: 7.628 min Scan# 942
Delta R.T. 0.000 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

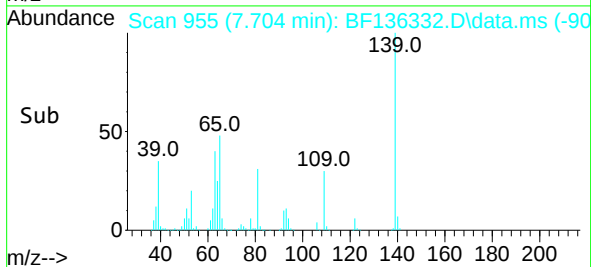
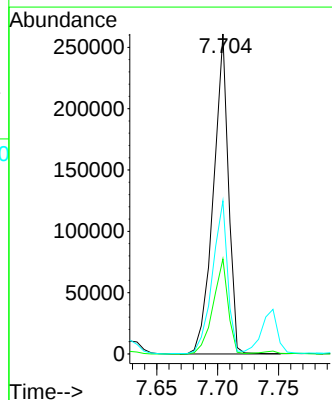
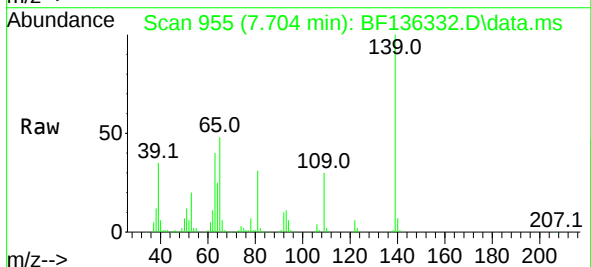
Instrument :
BNA_F
ClientSampleId :
PB157138BS

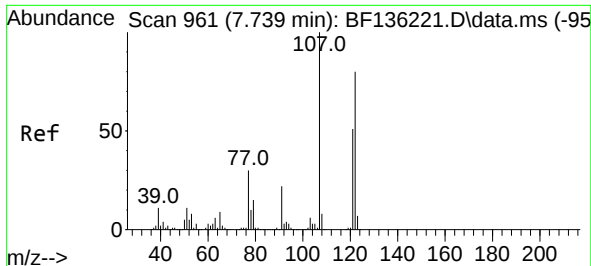
Tgt Ion: 82 Resp: 803835
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 17.7 12.8 19.2



#26
2-Nitrophenol
Concen: 44.890 ng
RT: 7.704 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

Tgt Ion: 139 Resp: 224890
Ion Ratio Lower Upper
139 100
109 29.7 25.0 37.6
65 47.9 40.4 60.6





#27

2,4-Dimethylphenol

Concen: 52.878 ng

RT: 7.745 min Scan# 961

Delta R.T. 0.006 min

Lab File: BF136332.D

Acq: 01 Dec 2023 12:08

Instrument :

BNA_F

ClientSampleId :

PB157138BS

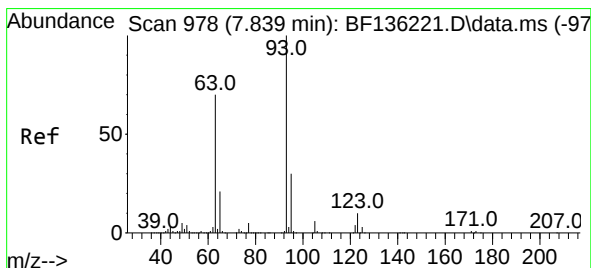
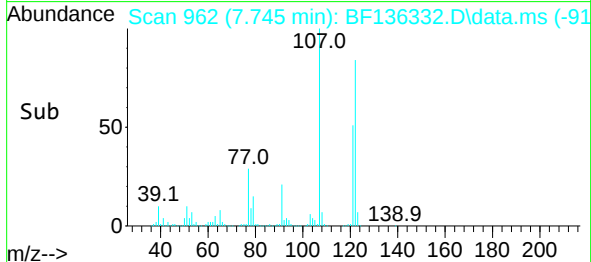
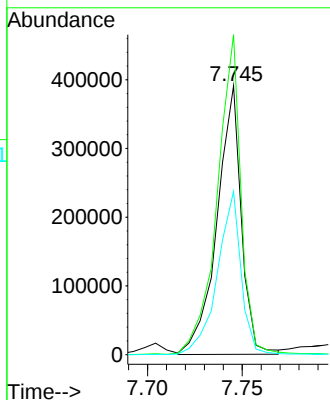
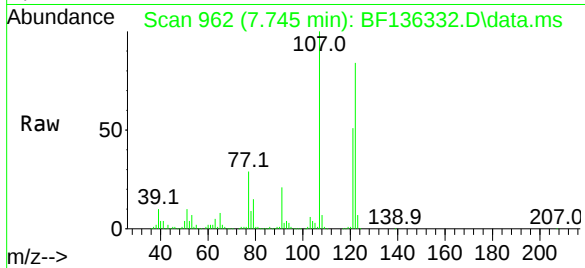
Tgt Ion:122 Resp: 348673

Ion Ratio Lower Upper

122 100

107 119.0 100.0 150.0

121 60.7 50.7 76.1



#28

bis(2-Chloroethoxy)methane

Concen: 39.213 ng

RT: 7.840 min Scan# 978

Delta R.T. 0.000 min

Lab File: BF136332.D

Acq: 01 Dec 2023 12:08

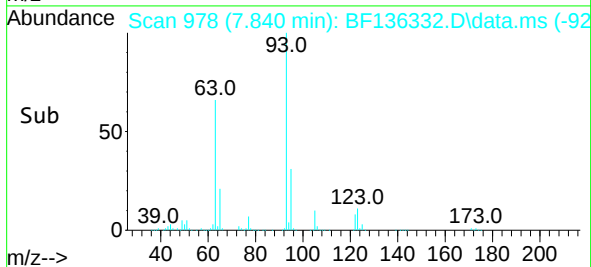
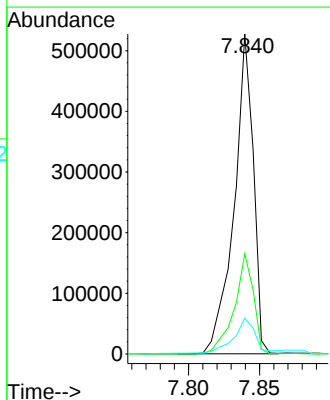
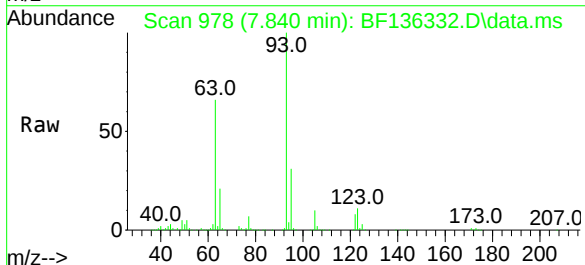
Tgt Ion: 93 Resp: 496230

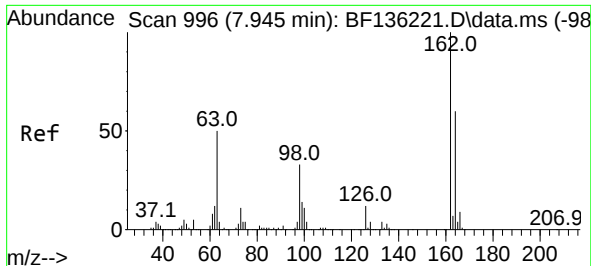
Ion Ratio Lower Upper

93 100

95 31.3 23.8 35.6

123 11.2 8.2 12.4

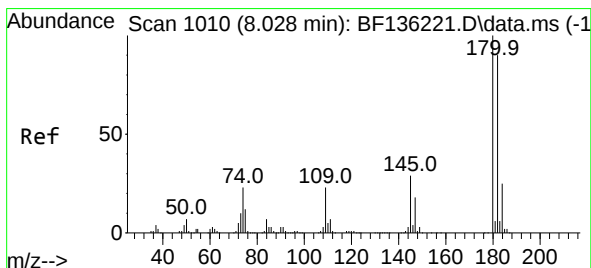
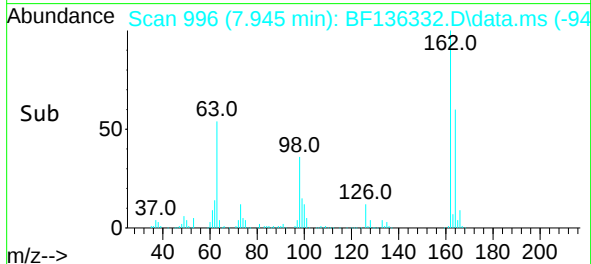
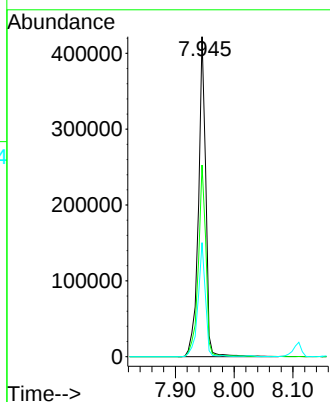
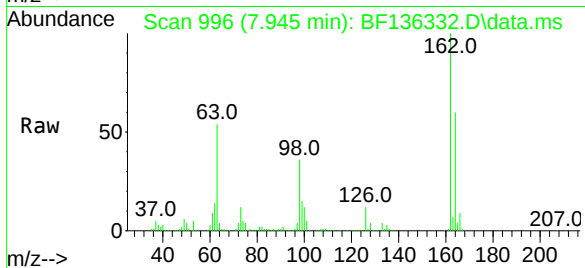




#29
2,4-Dichlorophenol
Concen: 41.180 ng
RT: 7.945 min Scan# 996
Delta R.T. 0.000 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

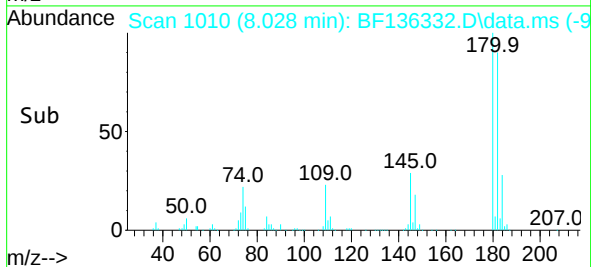
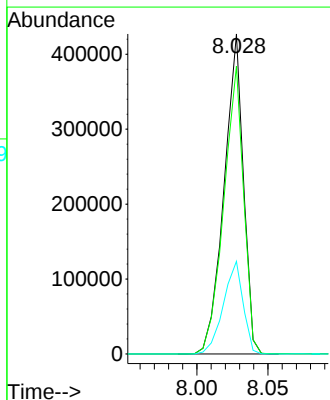
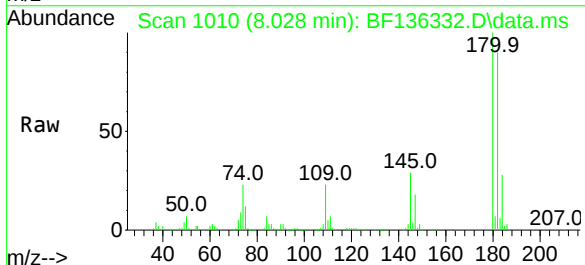
Instrument :
BNA_F
ClientSampleId :
PB157138BS

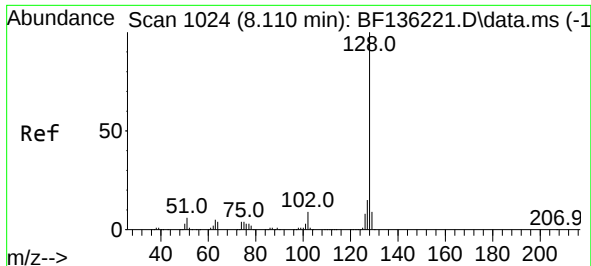
Tgt Ion:162 Resp: 366254
Ion Ratio Lower Upper
162 100
164 59.9 40.3 80.3
98 35.6 13.0 53.0



#30
1,2,4-Trichlorobenzene
Concen: 37.039 ng
RT: 8.028 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

Tgt Ion:180 Resp: 403318
Ion Ratio Lower Upper
180 100
182 90.0 71.6 107.4
145 28.9 23.0 34.4

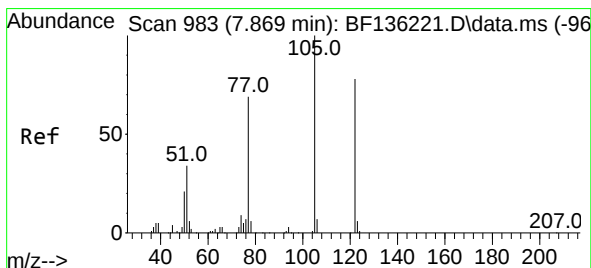
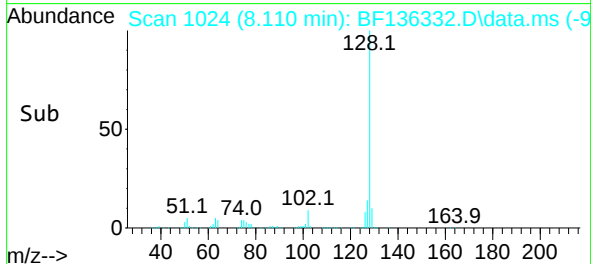
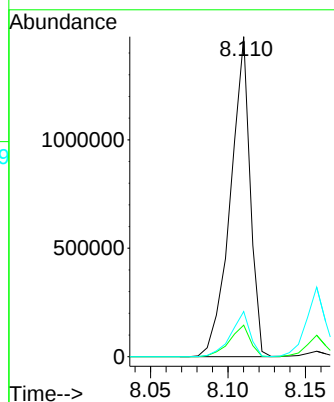
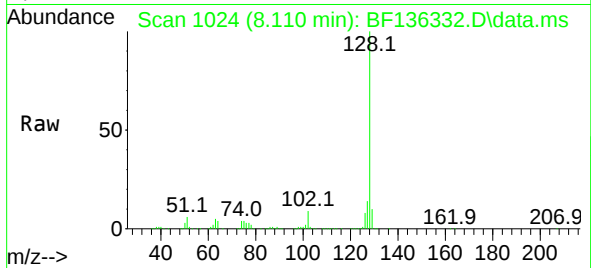




#31
Naphthalene
Concen: 37.901 ng
RT: 8.110 min Scan# 1024
Delta R.T. 0.000 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

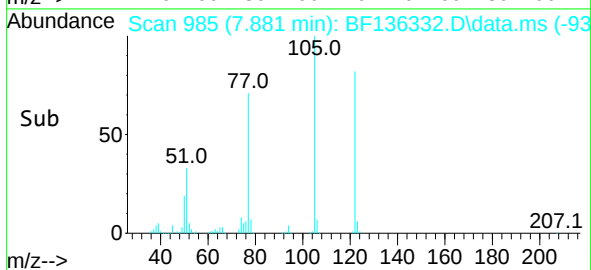
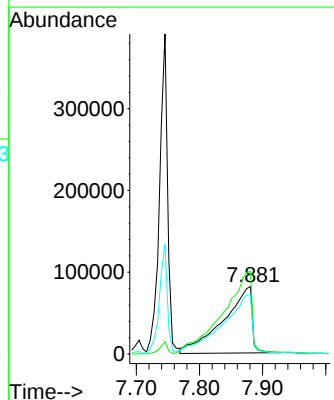
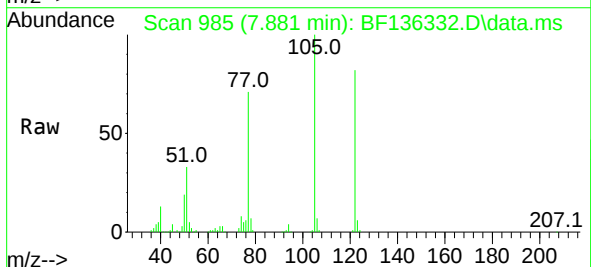
Instrument :
BNA_F
ClientSampleId :
PB157138BS

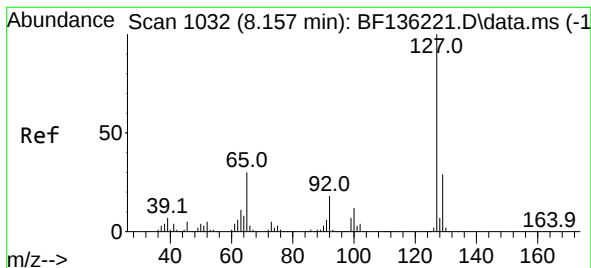
Tgt Ion:128 Resp: 1306143
Ion Ratio Lower Upper
128 100
129 9.8 7.3 10.9
127 14.1 11.8 17.6



#32
Benzoic acid
Concen: 42.963 ng
RT: 7.881 min Scan# 985
Delta R.T. 0.012 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

Tgt Ion:122 Resp: 258186
Ion Ratio Lower Upper
122 100
105 122.5 103.7 143.7
77 87.4 66.8 106.8





#33

4-Chloroaniline

Concen: 24.048 ng

RT: 8.157 min Scan# 1032

Delta R.T. 0.000 min

Lab File: BF136332.D

Acq: 01 Dec 2023 12:08

Instrument :

BNA_F

ClientSampleId :

PB157138BS

Tgt Ion:127 Resp: 281700

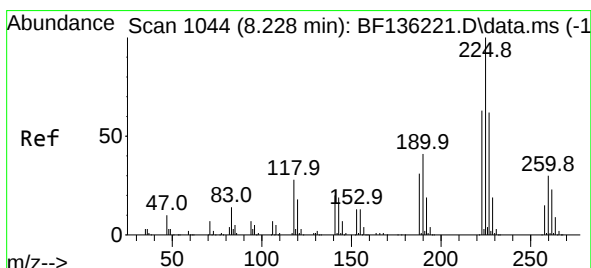
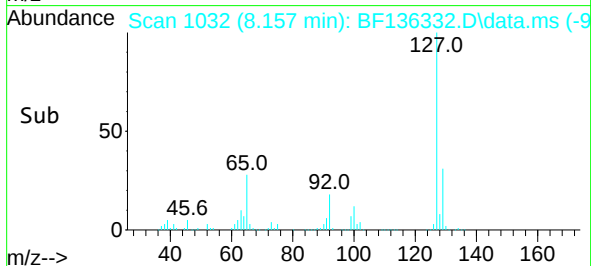
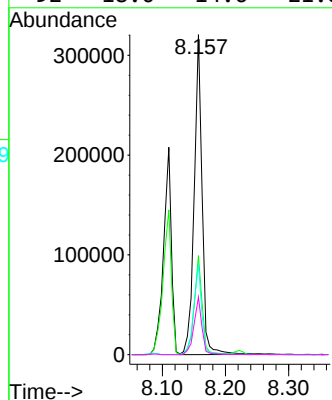
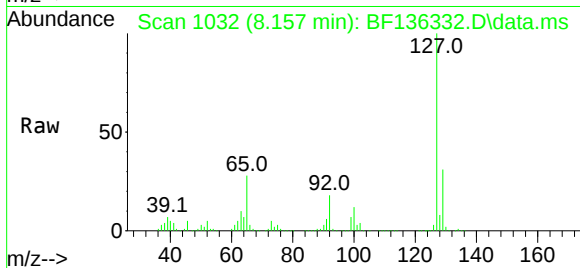
Ion Ratio Lower Upper

127 100

129 31.0 23.4 35.2

65 28.4 23.8 35.6

92 18.0 14.6 21.8



#34

Hexachlorobutadiene

Concen: 36.052 ng

RT: 8.222 min Scan# 1043

Delta R.T. -0.006 min

Lab File: BF136332.D

Acq: 01 Dec 2023 12:08

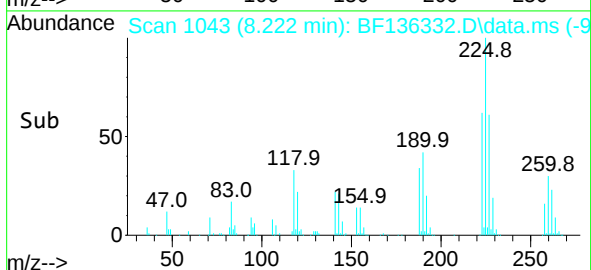
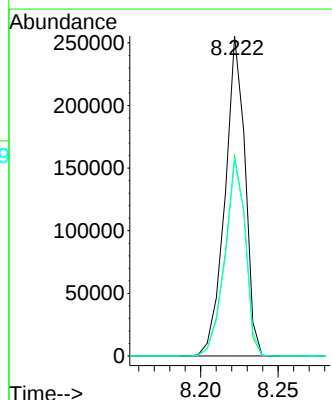
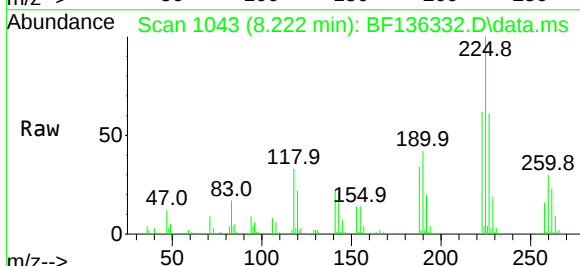
Tgt Ion:225 Resp: 229672

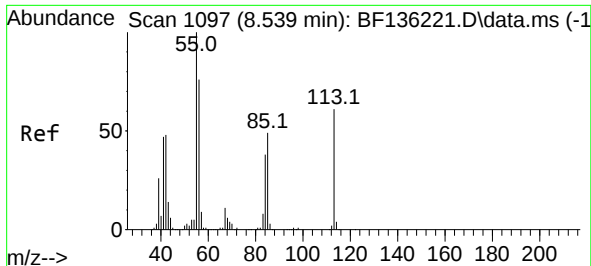
Ion Ratio Lower Upper

225 100

223 62.4 50.6 75.8

227 61.3 49.6 74.4

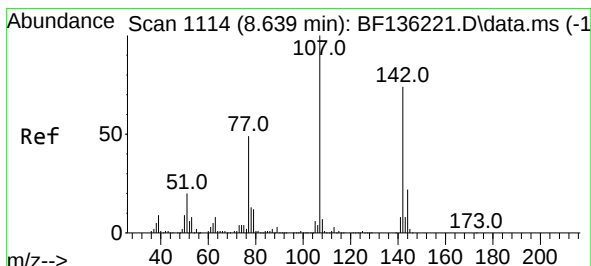
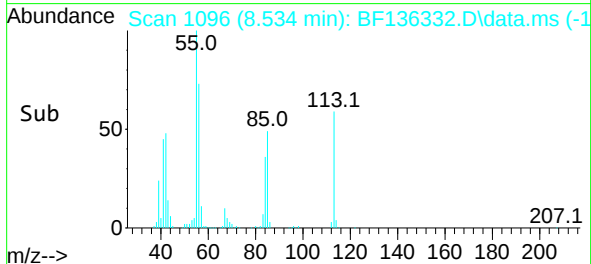
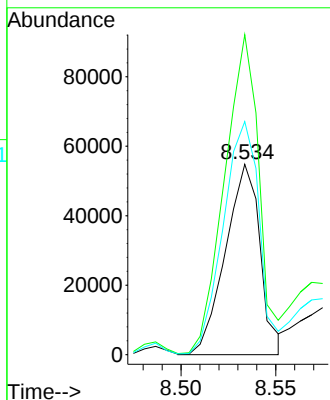
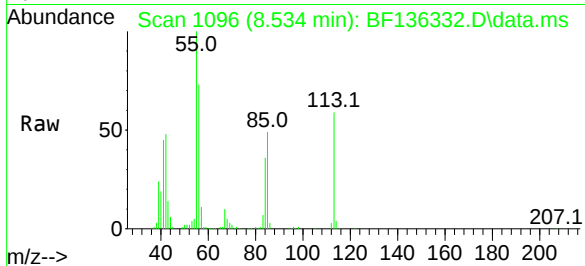




#35
 Caprolactam
 Concen: 28.089 ng
 RT: 8.534 min Scan# 1109
 Delta R.T. -0.006 min
 Lab File: BF136332.D
 Acq: 01 Dec 2023 12:08

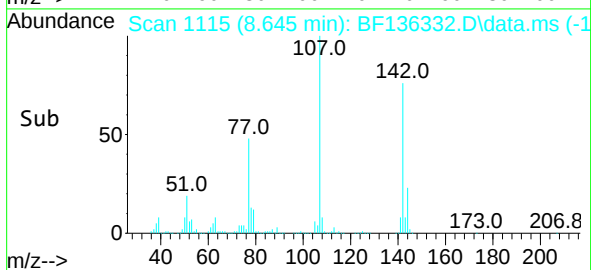
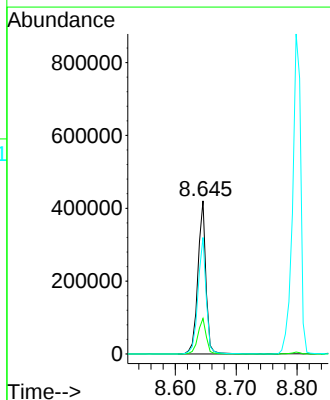
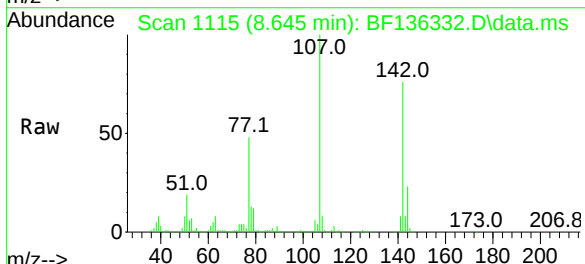
Instrument :
 BNA_F
 ClientSampleId :
 PB157138BS

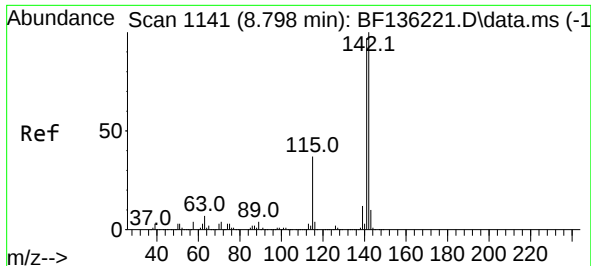
Tgt Ion:113 Resp: 69839
 Ion Ratio Lower Upper
 113 100
 55 168.1 143.1 183.1
 56 122.4 103.6 143.6



#36
 4-Chloro-3-methylphenol
 Concen: 40.015 ng
 RT: 8.645 min Scan# 1115
 Delta R.T. 0.006 min
 Lab File: BF136332.D
 Acq: 01 Dec 2023 12:08

Tgt Ion:107 Resp: 385995
 Ion Ratio Lower Upper
 107 100
 144 23.2 17.8 26.8
 142 76.0 59.4 89.0





#37

2-Methylnaphthalene

Concen: 37.997 ng

RT: 8.798 min Scan# 1141

Delta R.T. 0.000 min

Lab File: BF136332.D

Acq: 01 Dec 2023 12:08

Instrument :

BNA_F

ClientSampleId :

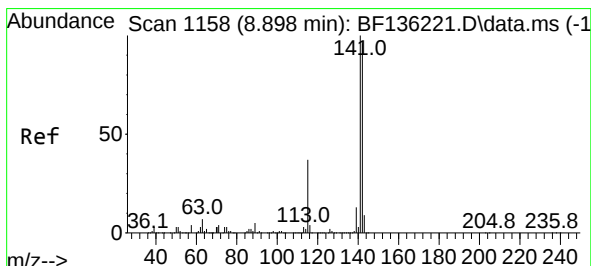
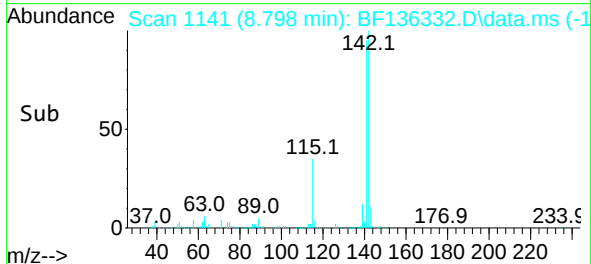
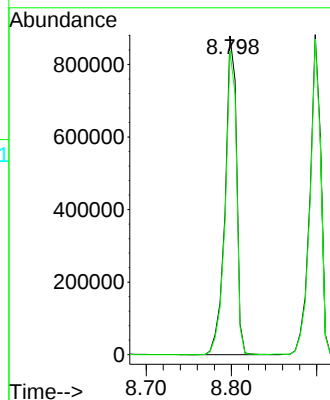
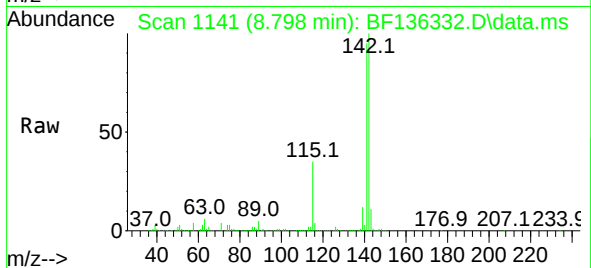
PB157138BS

Tgt Ion:142 Resp: 821414

Ion Ratio Lower Upper

142 100

141 95.3 77.8 116.8



#38

1-Methylnaphthalene

Concen: 37.269 ng

RT: 8.898 min Scan# 1158

Delta R.T. 0.000 min

Lab File: BF136332.D

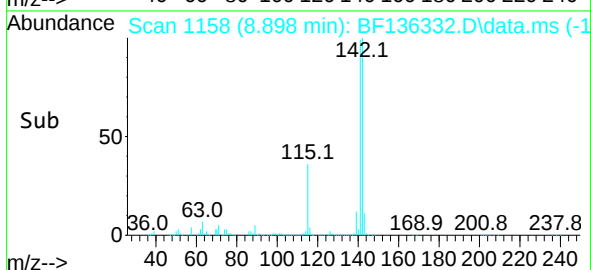
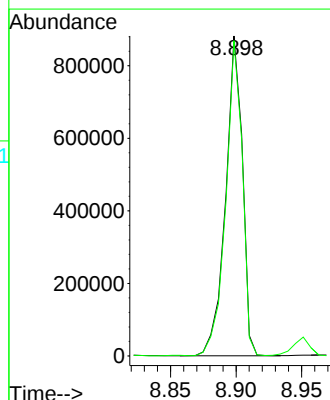
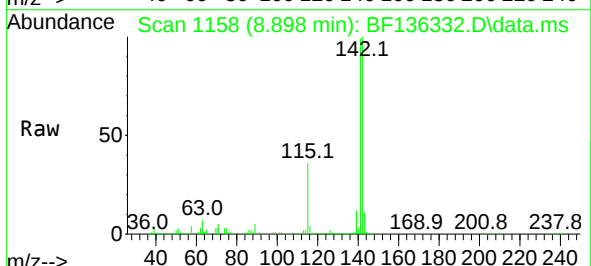
Acq: 01 Dec 2023 12:08

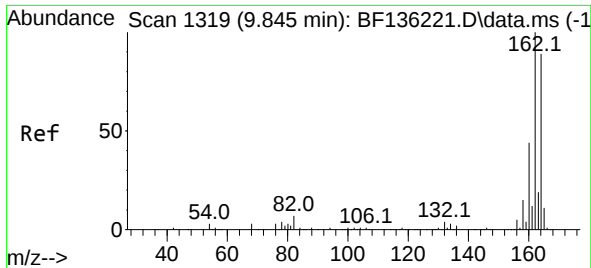
Tgt Ion:142 Resp: 785945

Ion Ratio Lower Upper

142 100

141 98.5 83.8 125.6

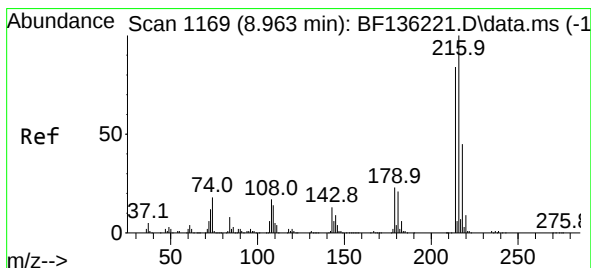
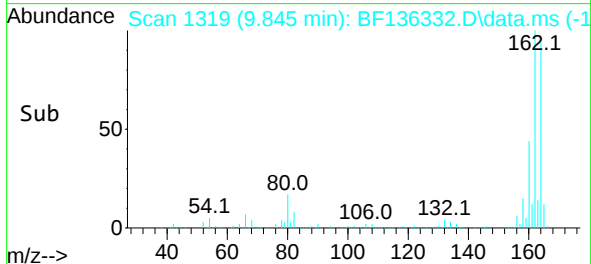
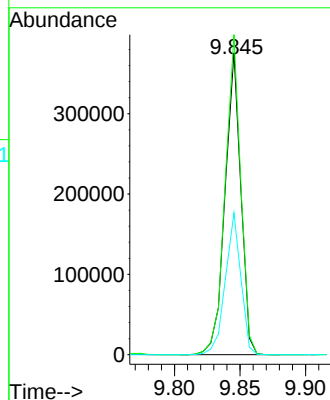
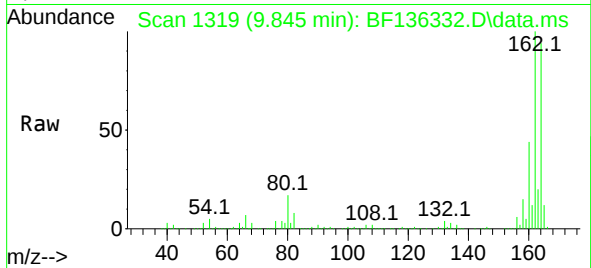




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

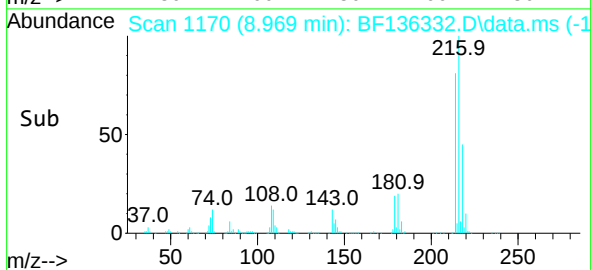
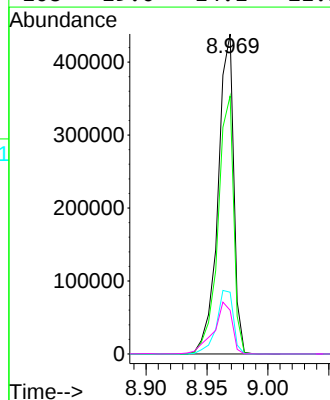
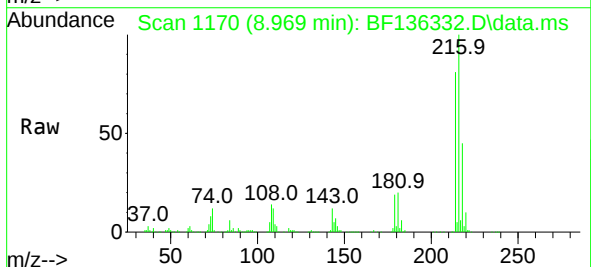
Instrument :
BNA_F
ClientSampleId :
PB157138BS

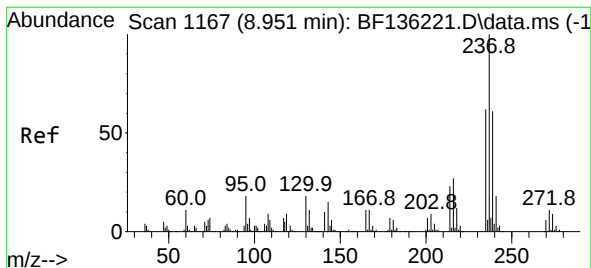
Tgt Ion:164 Resp: 314144
Ion Ratio Lower Upper
164 100
162 106.0 89.5 134.3
160 47.0 39.6 59.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.305 ng
RT: 8.969 min Scan# 1170
Delta R.T. 0.006 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

Tgt Ion:216 Resp: 392956
Ion Ratio Lower Upper
216 100
214 80.4 65.8 98.8
179 21.3 17.4 26.0
108 19.0 14.1 21.1





#41

Hexachlorocyclopentadiene

Concen: 100.393 ng

RT: 8.951 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BF136332.D

Acq: 01 Dec 2023 12:08

Instrument :

BNA_F

ClientSampleId :

PB157138BS

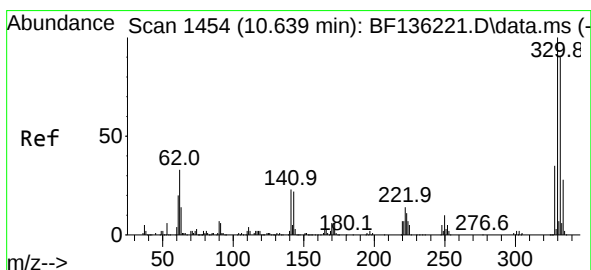
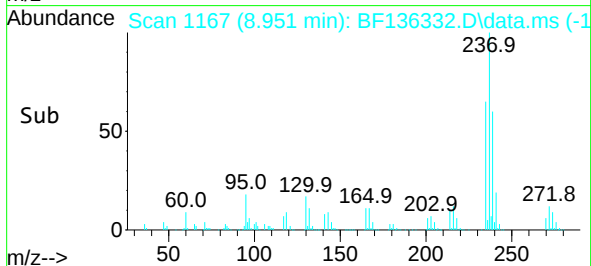
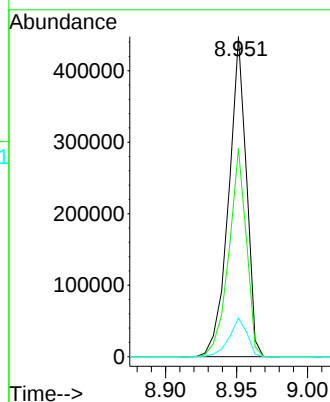
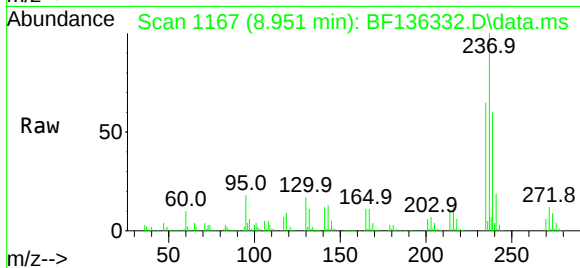
Tgt Ion:237 Resp: 386205

Ion Ratio Lower Upper

237 100

235 65.1 42.1 82.1

272 12.1 0.0 31.0



#42

2,4,6-Tribromophenol

Concen: 111.867 ng

RT: 10.639 min Scan# 1454

Delta R.T. 0.000 min

Lab File: BF136332.D

Acq: 01 Dec 2023 12:08

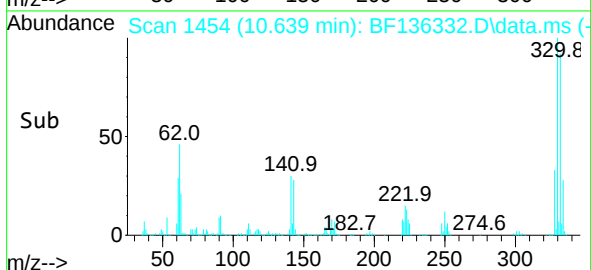
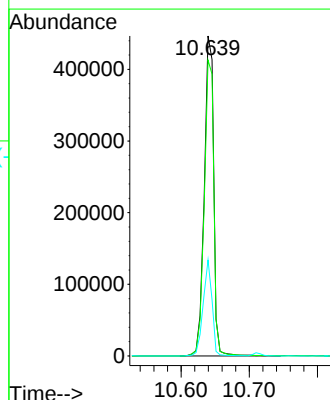
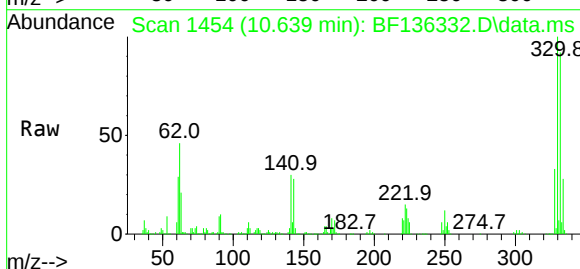
Tgt Ion:330 Resp: 429646

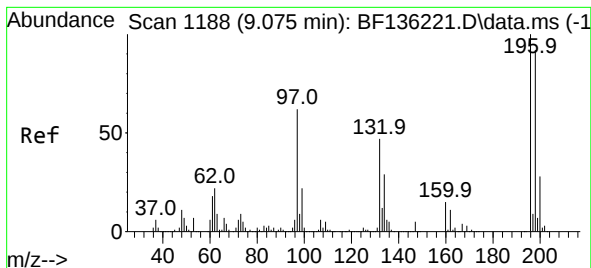
Ion Ratio Lower Upper

330 100

332 94.0 73.0 109.6

141 28.4 24.2 36.2





#43

2,4,6-Trichlorophenol

Concen: 40.746 ng

RT: 9.081 min Scan# 1188

Delta R.T. 0.006 min

Lab File: BF136332.D

Acq: 01 Dec 2023 12:08

Instrument :

BNA_F

ClientSampleId :

PB157138BS

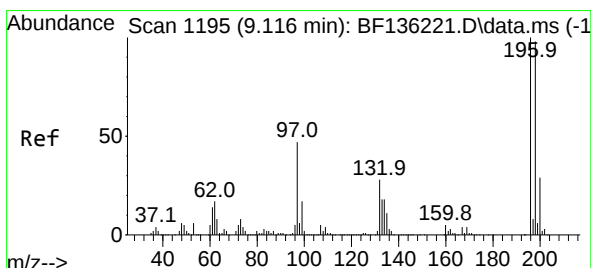
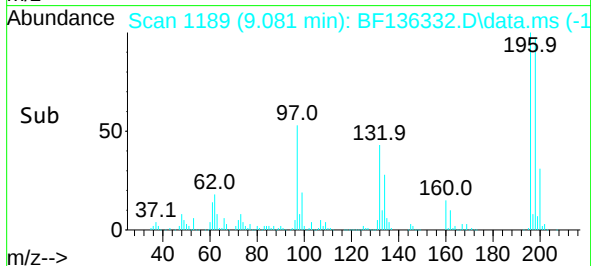
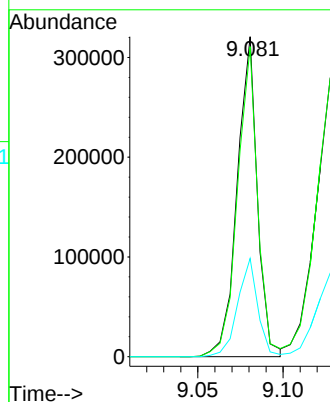
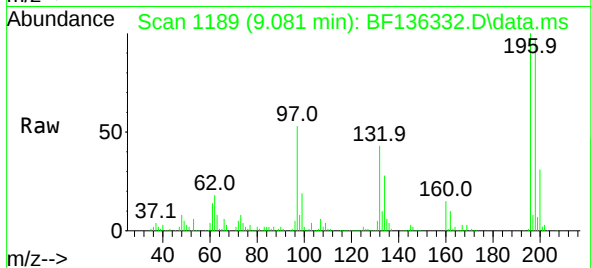
Tgt Ion:196 Resp: 264409

Ion Ratio Lower Upper

196 100

198 96.9 73.2 109.8

200 30.7 22.4 33.6



#44

2,4,5-Trichlorophenol

Concen: 39.018 ng

RT: 9.128 min Scan# 1197

Delta R.T. 0.012 min

Lab File: BF136332.D

Acq: 01 Dec 2023 12:08

Tgt Ion:196 Resp: 276311

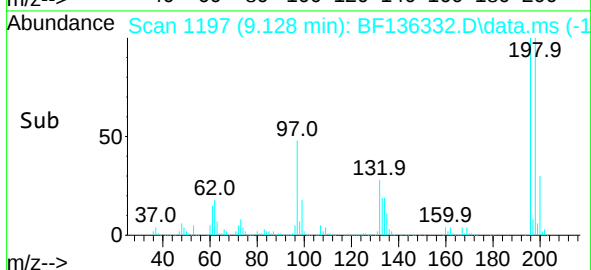
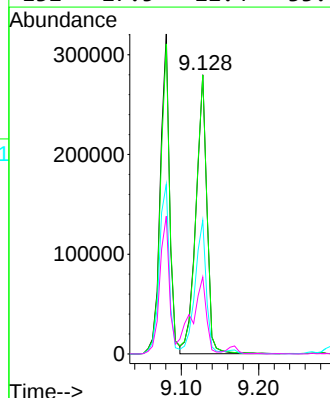
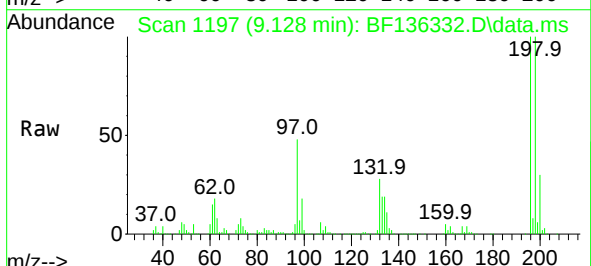
Ion Ratio Lower Upper

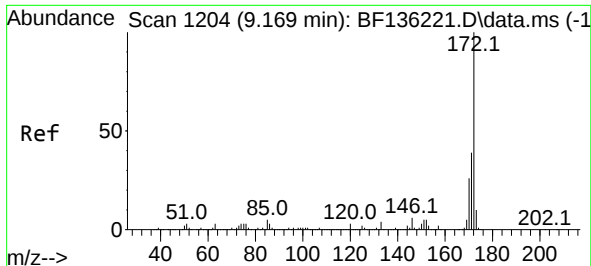
196 100

198 99.9 78.8 118.2

97 47.9 37.8 56.8

132 27.5 22.4 33.6





#45

2-Fluorobiphenyl

Concen: 71.458 ng

RT: 9.169 min Scan# 1204

Delta R.T. 0.000 min

Lab File: BF136332.D

Acq: 01 Dec 2023 12:08

Instrument :

BNA_F

ClientSampleId :

PB157138BS

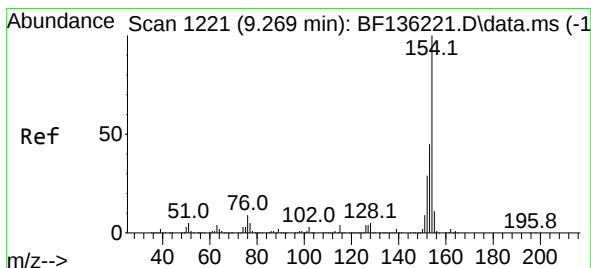
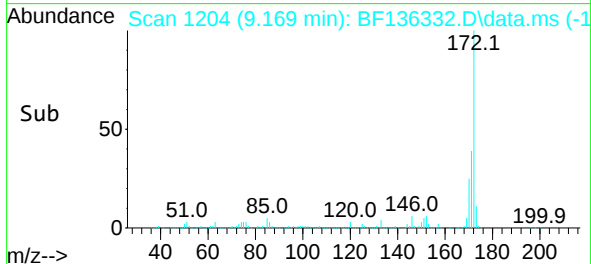
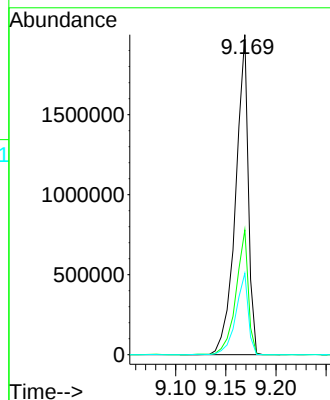
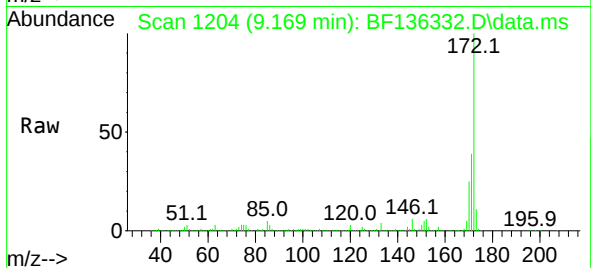
Tgt Ion:172 Resp: 1757454

Ion Ratio Lower Upper

172 100

171 39.0 31.5 47.3

170 25.5 20.8 31.2



#46

1,1'-Biphenyl

Concen: 38.285 ng

RT: 9.269 min Scan# 1221

Delta R.T. 0.000 min

Lab File: BF136332.D

Acq: 01 Dec 2023 12:08

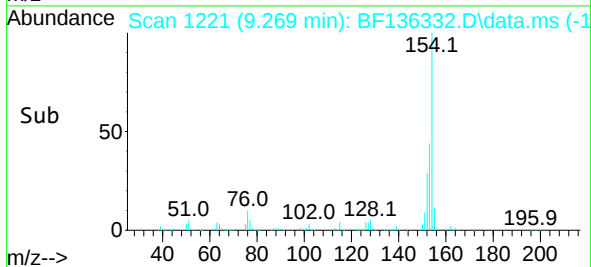
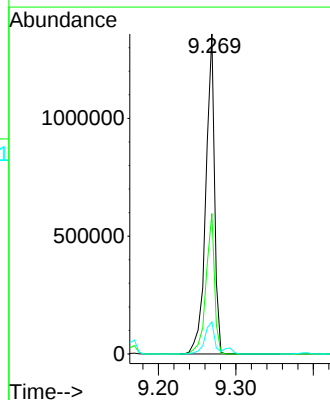
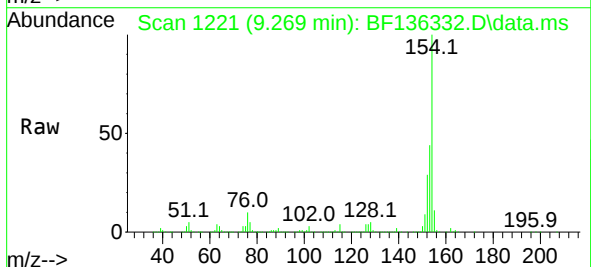
Tgt Ion:154 Resp: 1060605

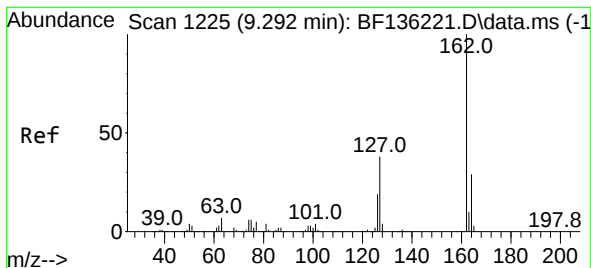
Ion Ratio Lower Upper

154 100

153 43.9 24.6 64.6

76 10.1 0.0 29.4





#47

2-Chloronaphthalene

Concen: 37.368 ng

RT: 9.292 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136332.D

Acq: 01 Dec 2023 12:08

Instrument :

BNA_F

ClientSampleId :

PB157138BS

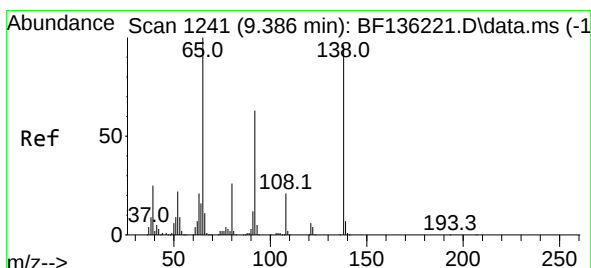
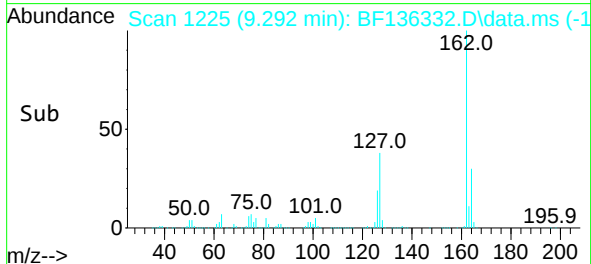
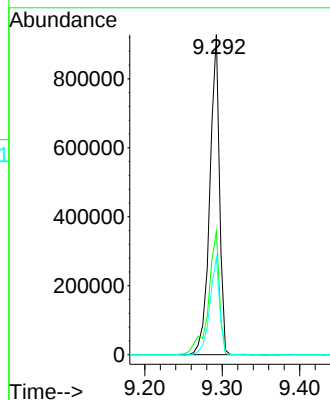
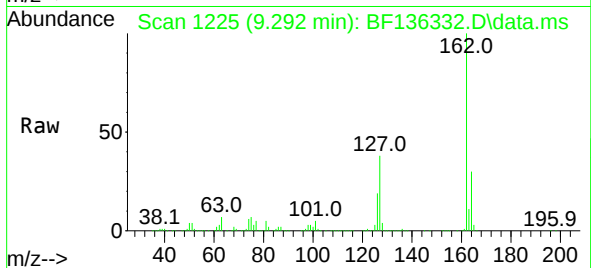
Tgt Ion:162 Resp: 803918

Ion Ratio Lower Upper

162 100

127 38.5 30.2 45.2

164 30.3 22.8 34.2



#48

2-Nitroaniline

Concen: 40.115 ng

RT: 9.392 min Scan# 1242

Delta R.T. 0.006 min

Lab File: BF136332.D

Acq: 01 Dec 2023 12:08

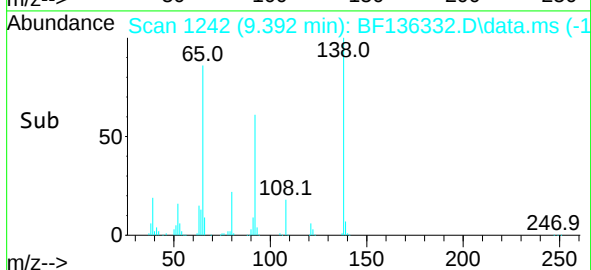
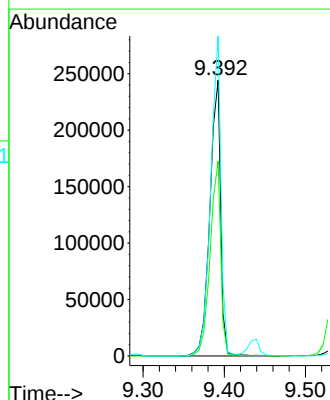
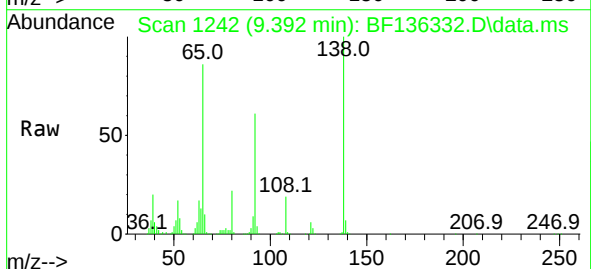
Tgt Ion: 65 Resp: 225322

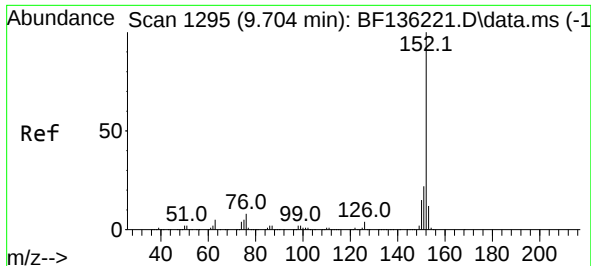
Ion Ratio Lower Upper

65 100

92 70.7 50.6 75.8

138 116.0 76.7 115.1#

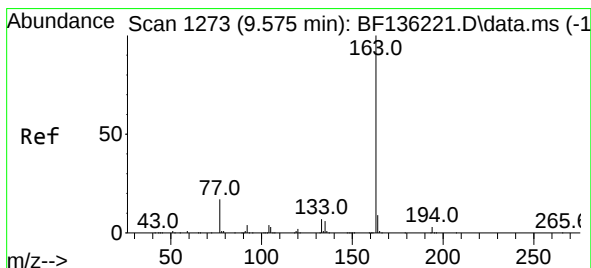
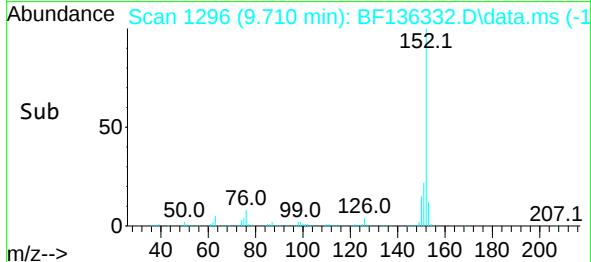
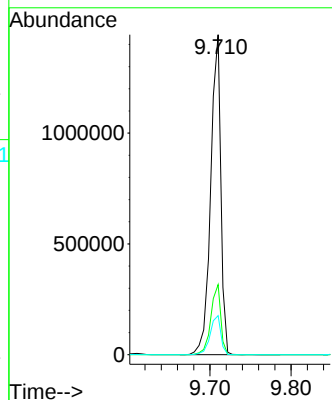
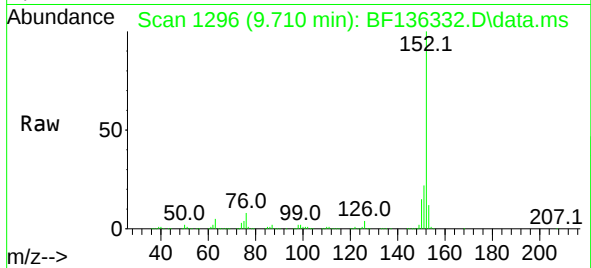




#49
Acenaphthylene
Concen: 40.609 ng
RT: 9.710 min Scan# 1295
Delta R.T. 0.006 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

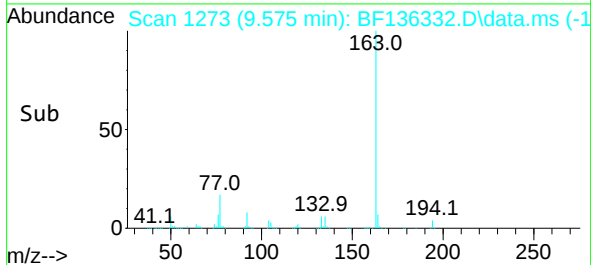
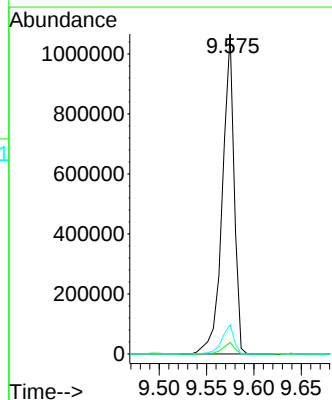
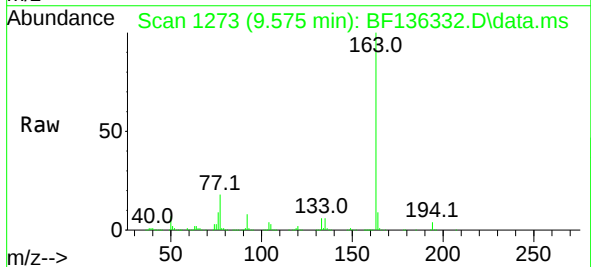
Instrument :
BNA_F
ClientSampleId :
PB157138BS

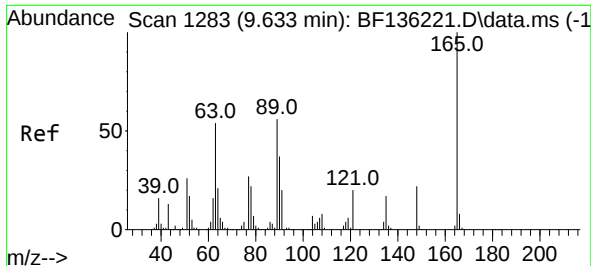
Tgt Ion:152 Resp: 1246747
Ion Ratio Lower Upper
152 100
151 21.9 17.5 26.3
153 12.2 9.6 14.4



#50
Dimethylphthalate
Concen: 39.037 ng
RT: 9.575 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

Tgt Ion:163 Resp: 926871
Ion Ratio Lower Upper
163 100
194 3.6 2.5 3.7
164 9.1 7.0 10.6

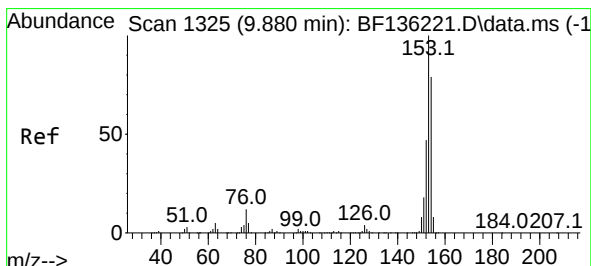
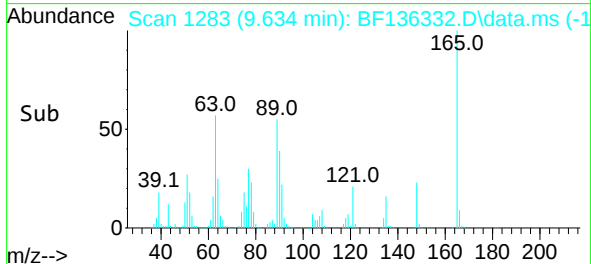
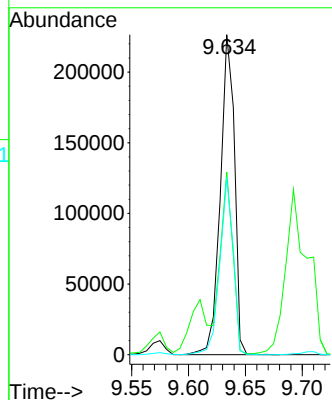
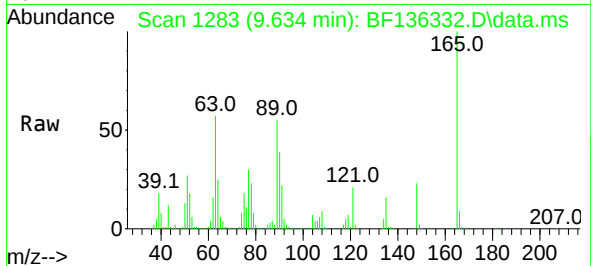




#51
2,6-Dinitrotoluene
Concen: 40.607 ng
RT: 9.634 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

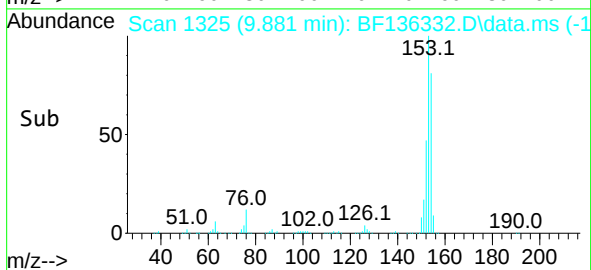
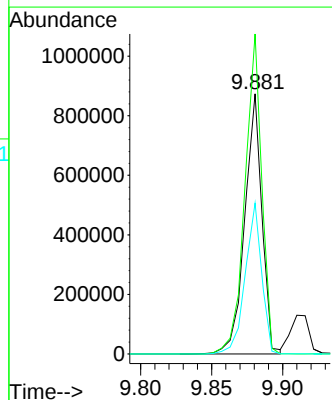
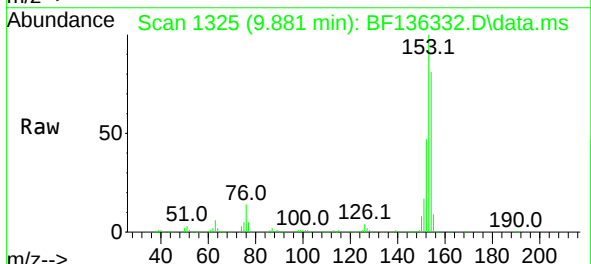
Instrument :
BNA_F
ClientSampleId :
PB157138BS

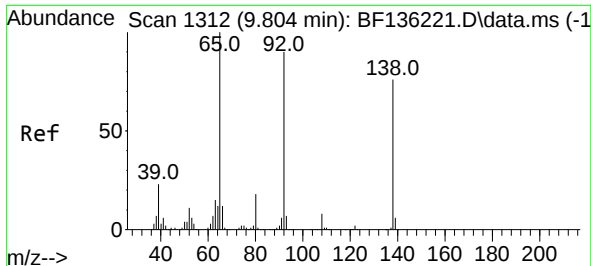
Tgt Ion:165 Resp: 196969
Ion Ratio Lower Upper
165 100
63 57.1 46.2 69.2
89 55.4 44.9 67.3



#52
Acenaphthene
Concen: 37.937 ng
RT: 9.881 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

Tgt Ion:154 Resp: 736039
Ion Ratio Lower Upper
154 100
153 123.0 100.8 151.2
152 58.0 47.0 70.6

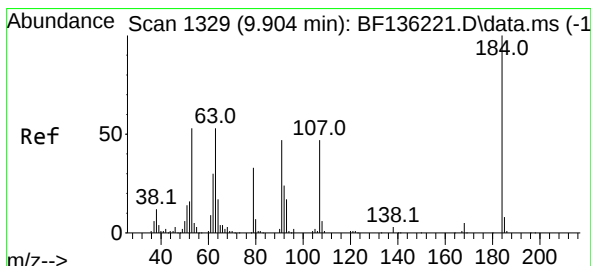
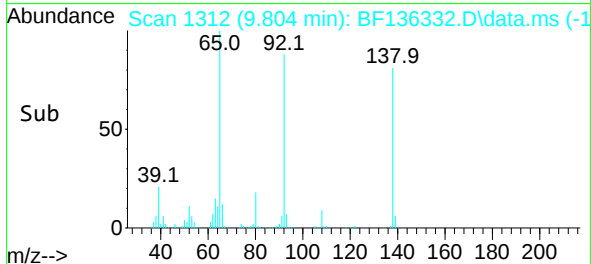
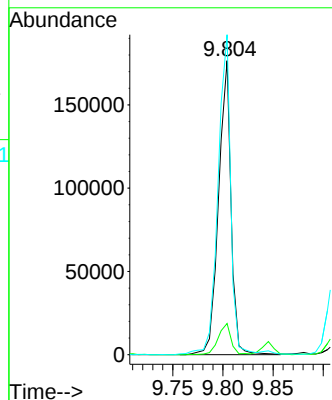
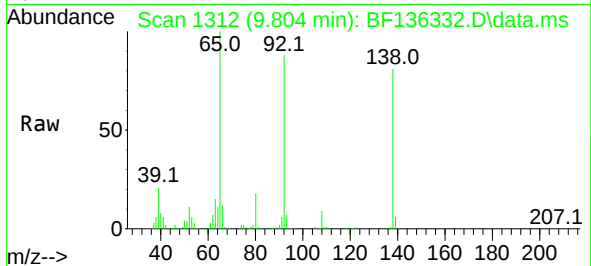




#53
3-Nitroaniline
Concen: 31.690 ng
RT: 9.804 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

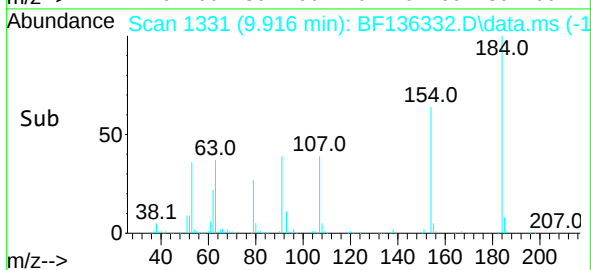
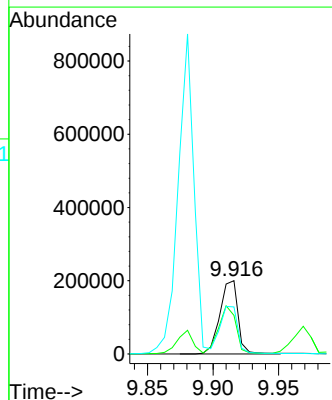
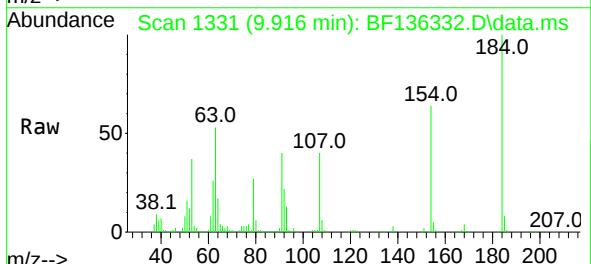
Instrument :
BNA_F
ClientSampleId :
PB157138BS

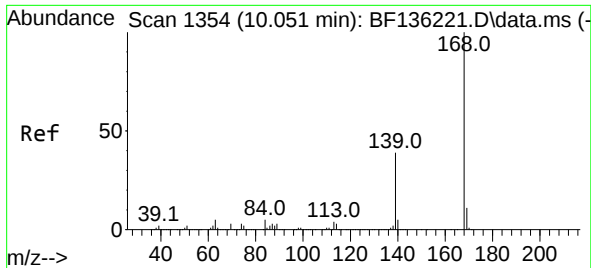
Tgt Ion:138 Resp: 152525
Ion Ratio Lower Upper
138 100
108 10.6 8.7 13.1
92 108.8 94.2 141.4



#54
2,4-Dinitrophenol
Concen: 85.288 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.012 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

Tgt Ion:184 Resp: 192406
Ion Ratio Lower Upper
184 100
63 52.6 55.0 82.4#
154 64.2 54.9 82.3

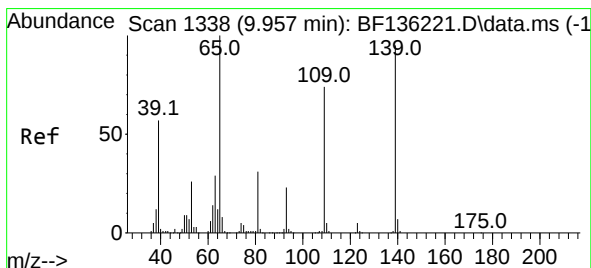
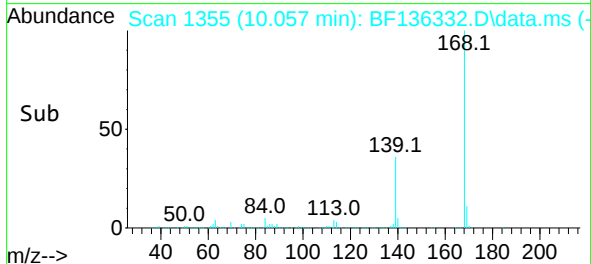
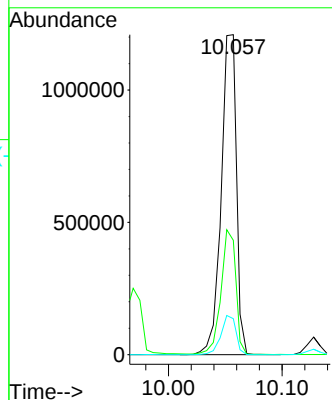
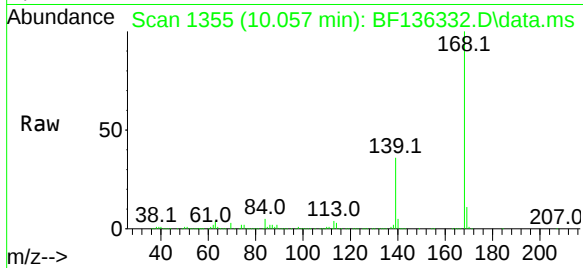




#55
Dibenzenofuran
Concen: 39.281 ng
RT: 10.057 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

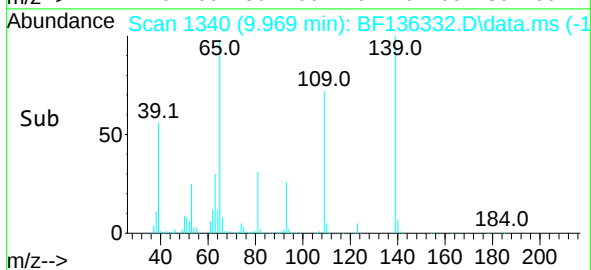
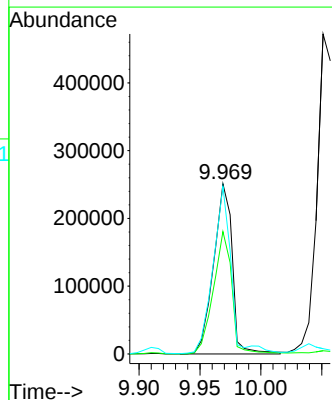
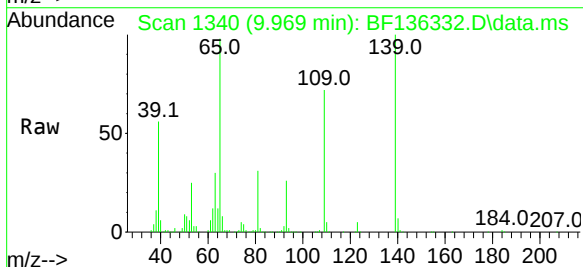
Instrument :
BNA_F
ClientSampleId :
PB157138BS

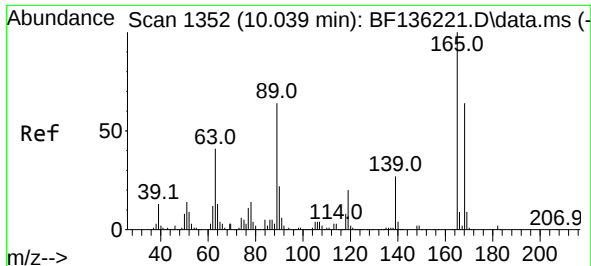
Tgt Ion:168 Resp: 1134050
Ion Ratio Lower Upper
168 100
139 35.8 30.9 46.3
169 11.3 9.1 13.7



#56
4-Nitrophenol
Concen: 73.024 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

Tgt Ion:139 Resp: 266935
Ion Ratio Lower Upper
139 100
109 71.9 57.8 97.8
65 98.4 86.0 126.0

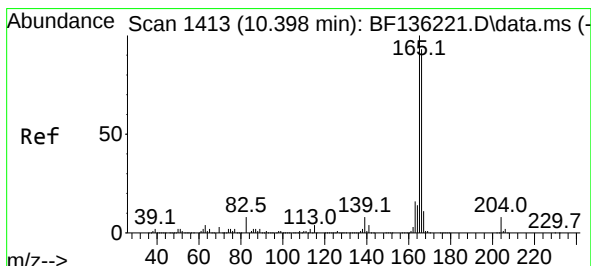
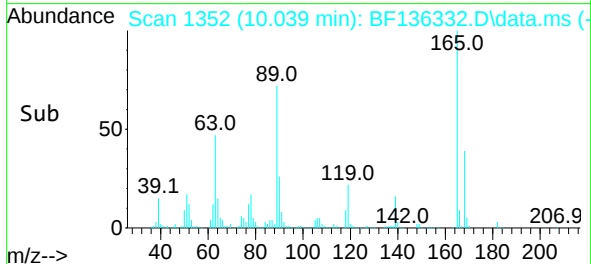
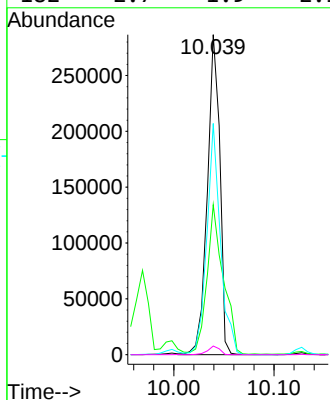
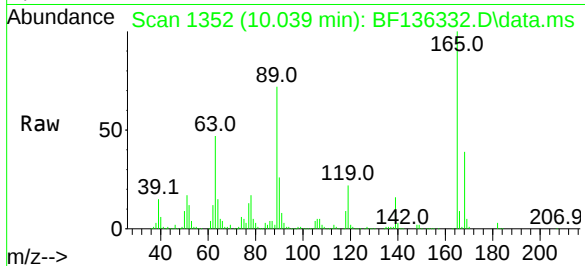




#57
2,4-Dinitrotoluene
Concen: 38.483 ng
RT: 10.039 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

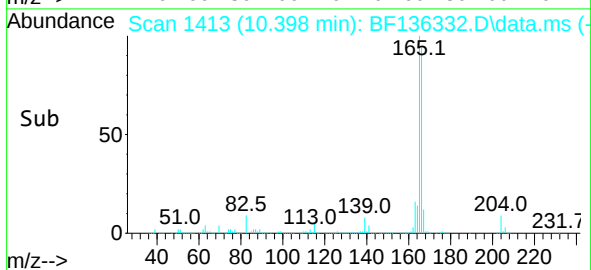
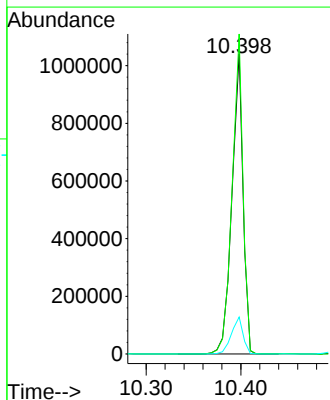
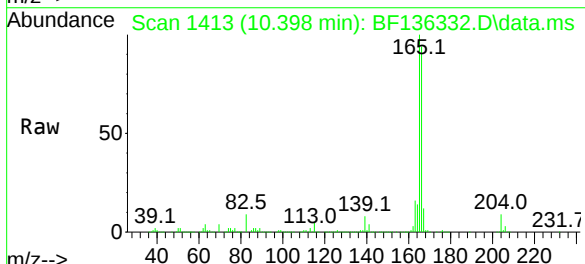
Instrument :
BNA_F
ClientSampleId :
PB157138BS

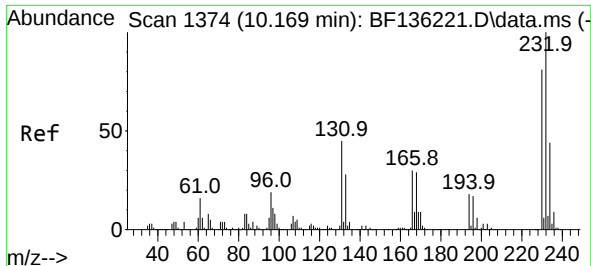
Tgt Ion:	165	Resp:	249344
Ion	Ratio	Lower	Upper
165	100		
63	46.9	33.0	49.4
89	72.3	51.5	77.3
182	2.7	1.9	2.9



#58
Fluorene
Concen: 37.515 ng
RT: 10.398 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

Tgt Ion:	166	Resp:	849552
Ion	Ratio	Lower	Upper
166	100		
165	106.5	86.2	129.4
167	12.3	9.1	13.7

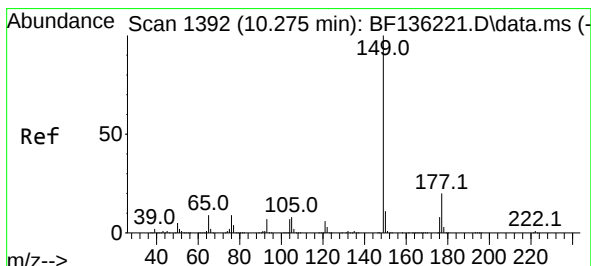
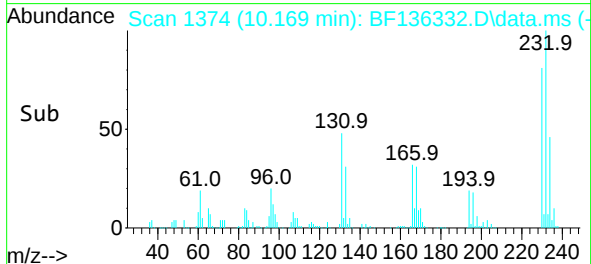
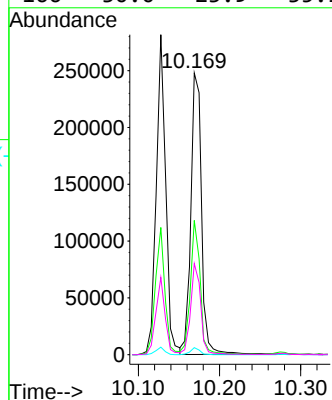
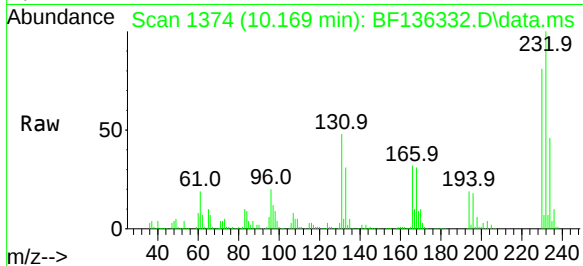




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.217 ng
RT: 10.169 min Scan# 1374
Delta R.T. 0.000 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

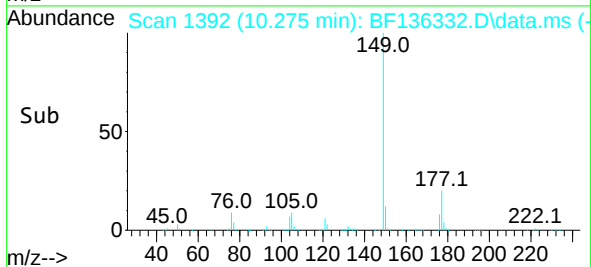
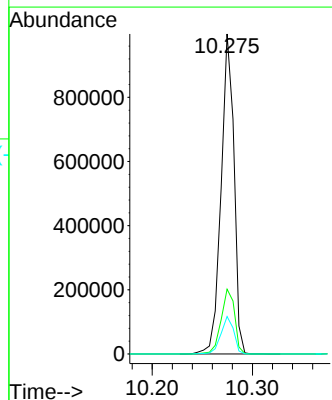
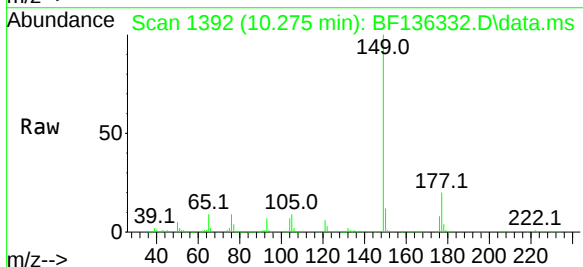
Instrument :
BNA_F
ClientSampleId :
PB157138BS

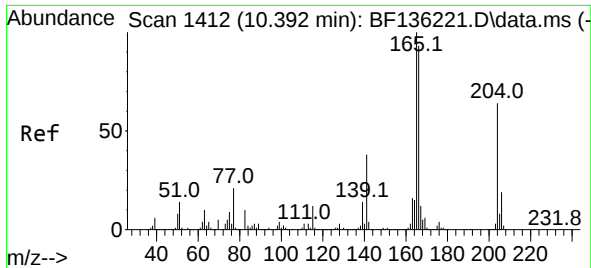
Tgt Ion:232 Resp: 226600
Ion Ratio Lower Upper
232 100
131 44.4 36.4 54.6
130 2.2 1.9 2.9
166 30.0 23.9 35.9



#60
Diethylphthalate
Concen: 37.397 ng
RT: 10.275 min Scan# 1392
Delta R.T. 0.000 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

Tgt Ion:149 Resp: 888217
Ion Ratio Lower Upper
149 100
177 20.3 15.8 23.6
150 11.7 8.8 13.2

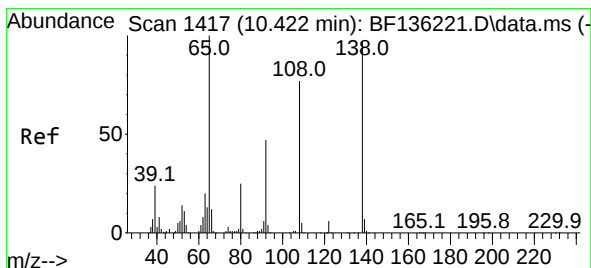
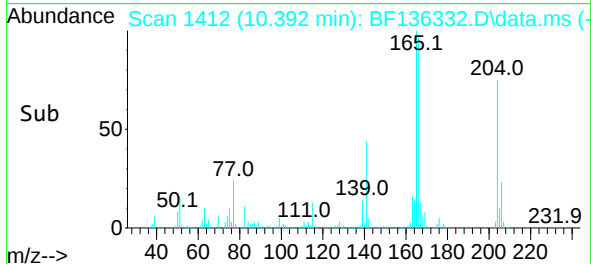
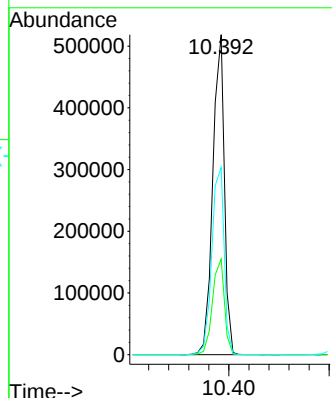
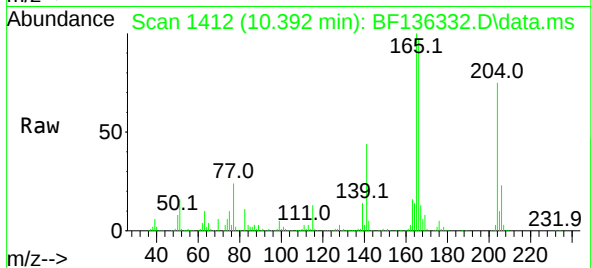




#61
4-Chlorophenyl-phenylether
Concen: 37.756 ng
RT: 10.392 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

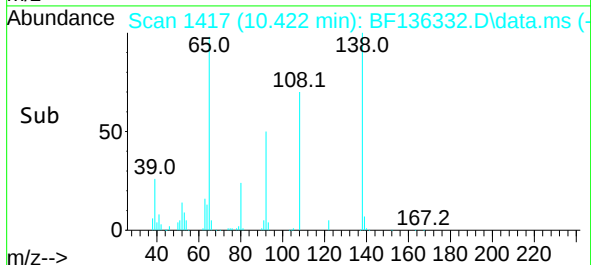
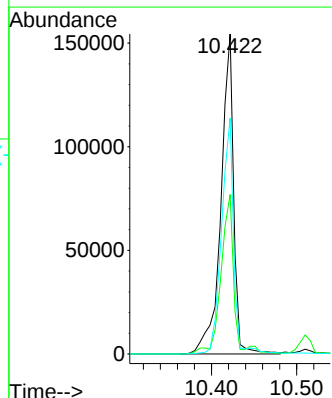
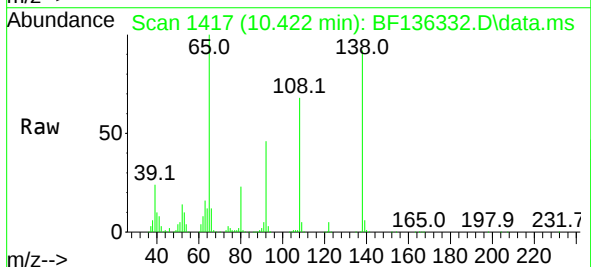
Instrument :
BNA_F
ClientSampleId :
PB157138BS

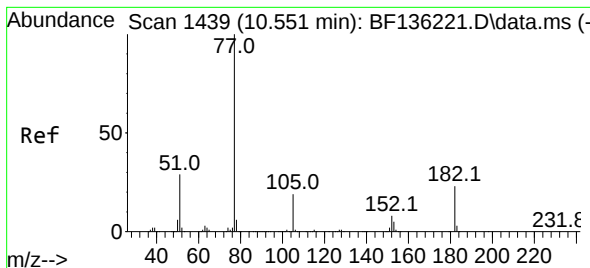
Tgt Ion:204 Resp: 415220
Ion Ratio Lower Upper
204 100
206 29.9 23.4 35.0
141 58.5 47.6 71.4



#62
4-Nitroaniline
Concen: 34.027 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

Tgt Ion:138 Resp: 160308
Ion Ratio Lower Upper
138 100
92 49.8 28.5 68.5
108 73.7 59.8 99.8





#63

Azobenzene

Concen: 37.169 ng

RT: 10.551 min Scan# 1439

Delta R.T. 0.000 min

Lab File: BF136332.D

Acq: 01 Dec 2023 12:08

Instrument :

BNA_F

ClientSampleId :

PB157138BS

Tgt Ion: 77 Resp: 818428

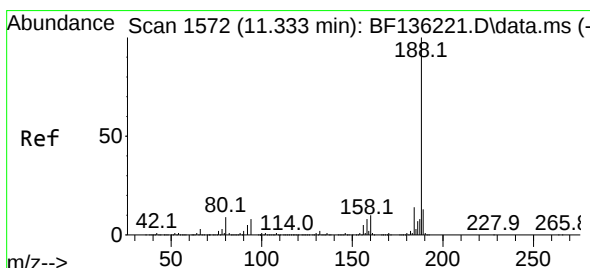
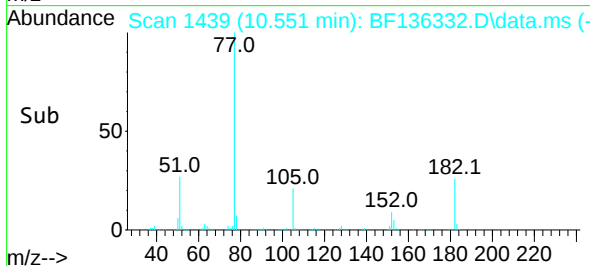
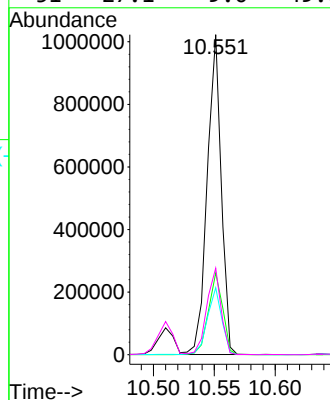
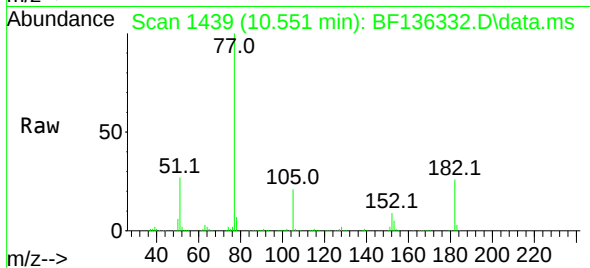
Ion Ratio Lower Upper

77 100

182 25.5 3.3 43.3

105 20.9 0.0 39.5

51 27.1 9.0 49.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.339 min Scan# 1573

Delta R.T. 0.006 min

Lab File: BF136332.D

Acq: 01 Dec 2023 12:08

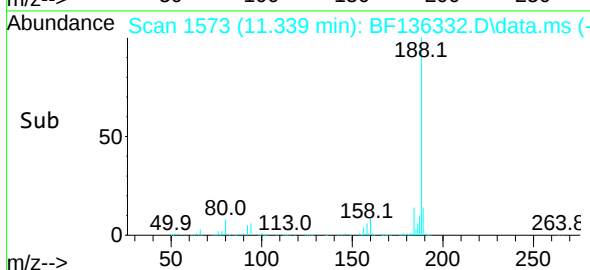
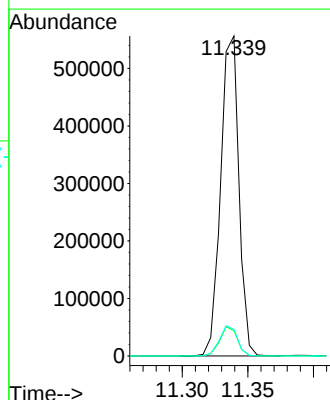
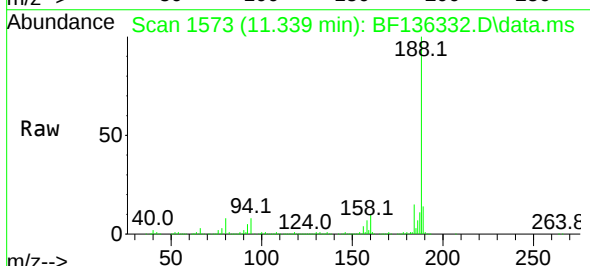
Tgt Ion: 188 Resp: 537508

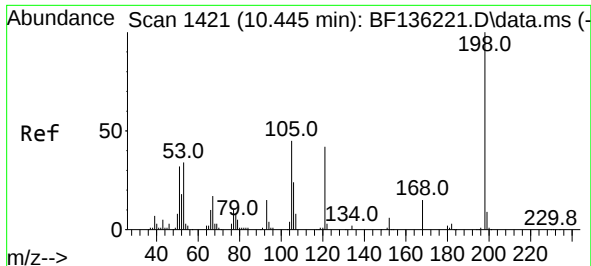
Ion Ratio Lower Upper

188 100

94 7.9 6.7 10.1

80 8.3 7.2 10.8

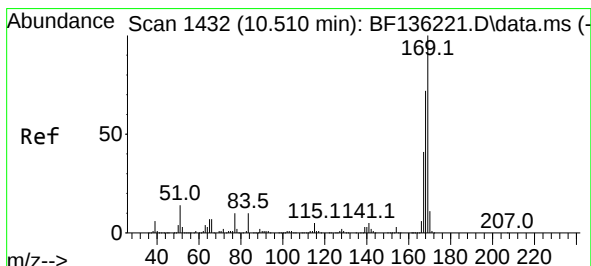
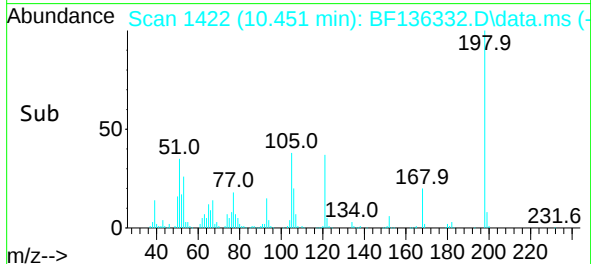
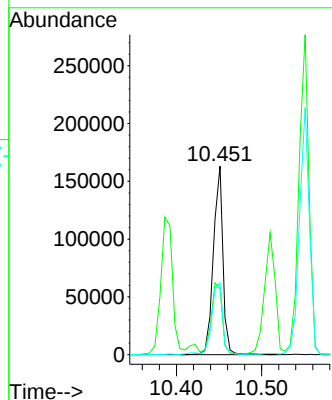
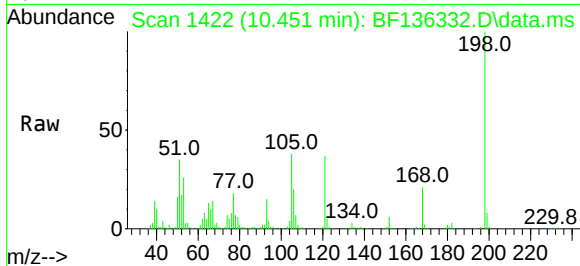




#65
4,6-Dinitro-2-methylphenol
Concen: 43.281 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

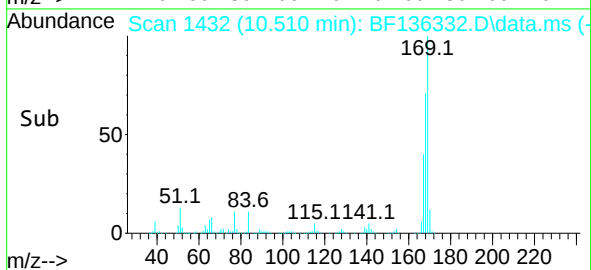
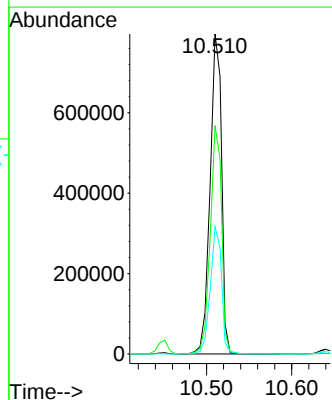
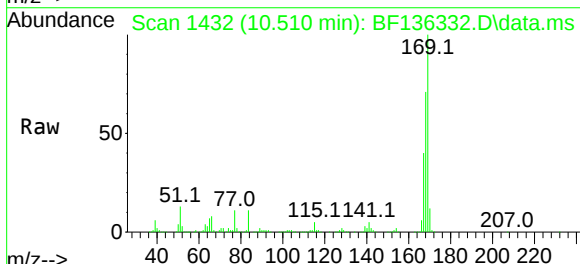
Instrument :
BNA_F
ClientSampleId :
PB157138BS

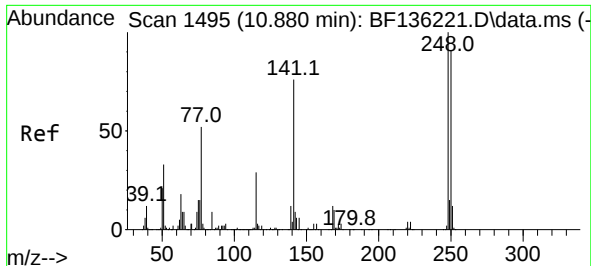
Tgt Ion:198 Resp: 127219
Ion Ratio Lower Upper
198 100
51 34.9 28.2 68.2
105 38.0 25.7 65.7



#66
n-Nitrosodiphenylamine
Concen: 43.123 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

Tgt Ion:169 Resp: 742811
Ion Ratio Lower Upper
169 100
168 71.4 57.8 86.6
167 39.8 32.7 49.1

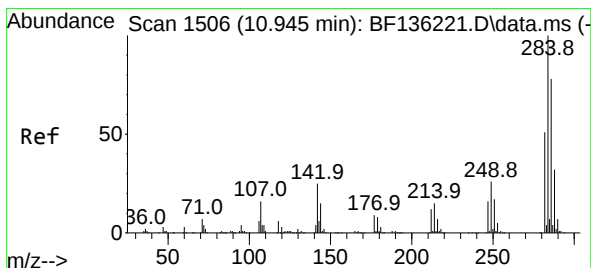
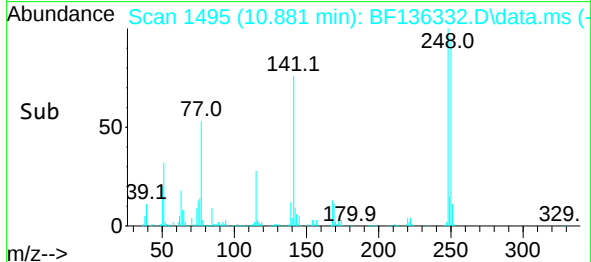
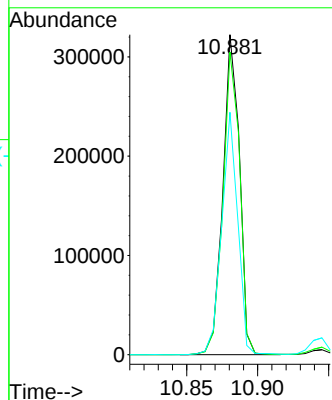
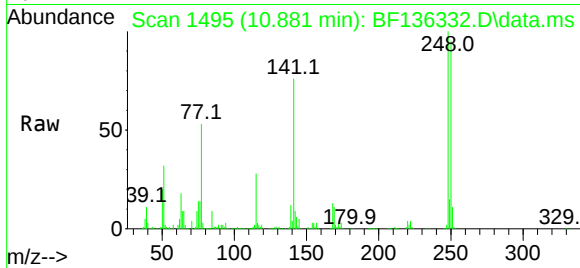




#67
4-Bromophenyl-phenylether
Concen: 41.682 ng
RT: 10.881 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

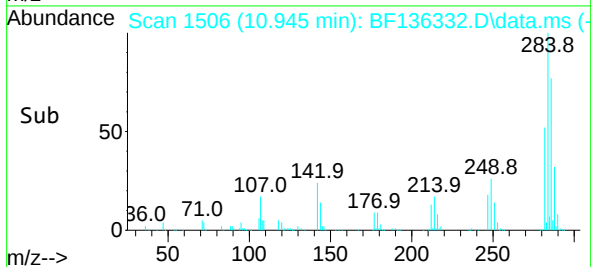
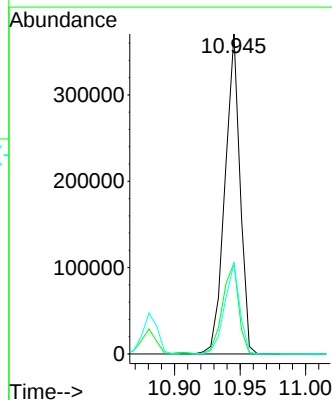
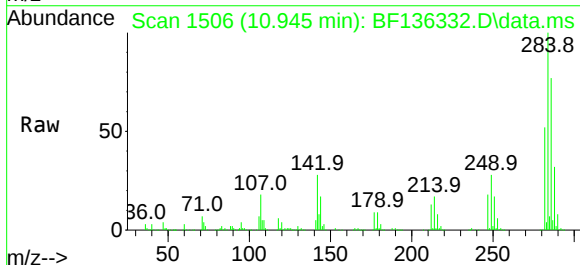
Instrument :
BNA_F
ClientSampleId :
PB157138BS

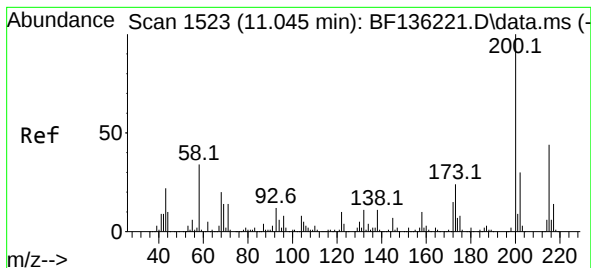
Tgt Ion:248 Resp: 261383
Ion Ratio Lower Upper
248 100
250 94.6 72.5 108.7
141 75.8 60.8 91.2



#68
Hexachlorobenzene
Concen: 40.600 ng
RT: 10.945 min Scan# 1506
Delta R.T. 0.000 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

Tgt Ion:284 Resp: 294664
Ion Ratio Lower Upper
284 100
142 28.3 19.8 29.8
249 28.2 21.0 31.4





#69

Atrazine

Concen: 40.070 ng

RT: 11.045 min Scan# 1523

Delta R.T. 0.000 min

Lab File: BF136332.D

Acq: 01 Dec 2023 12:08

Instrument :

BNA_F

ClientSampleId :

PB157138BS

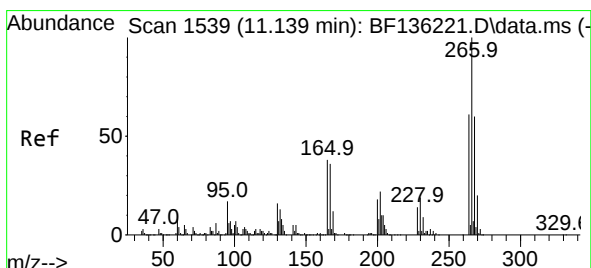
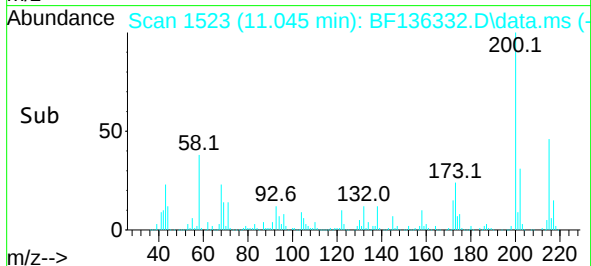
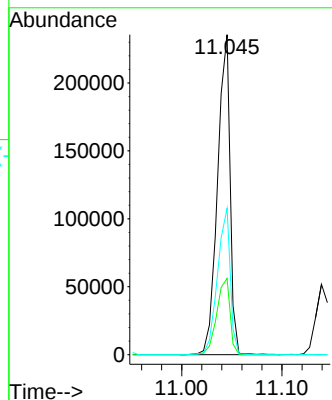
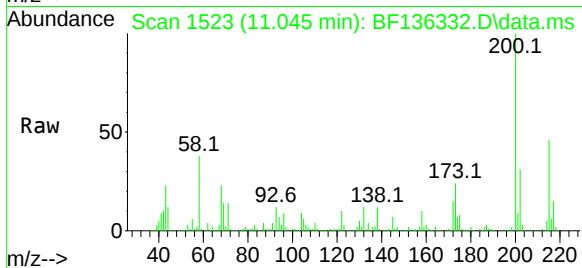
Tgt Ion:200 Resp: 204750

Ion Ratio Lower Upper

200 100

173 23.9 4.3 44.3

215 45.8 23.8 63.8



#70

Pentachlorophenol

Concen: 64.202 ng

RT: 11.139 min Scan# 1539

Delta R.T. 0.000 min

Lab File: BF136332.D

Acq: 01 Dec 2023 12:08

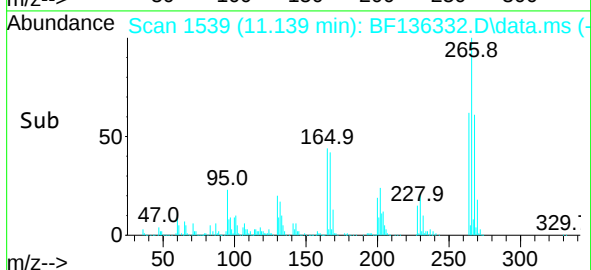
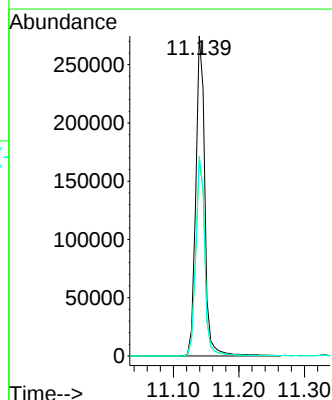
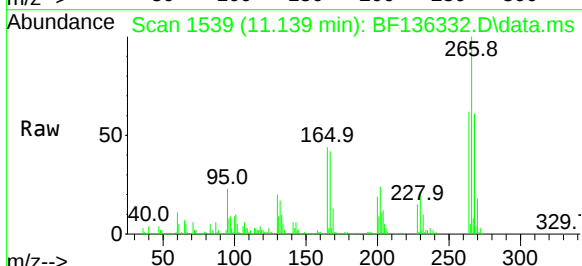
Tgt Ion:266 Resp: 263387

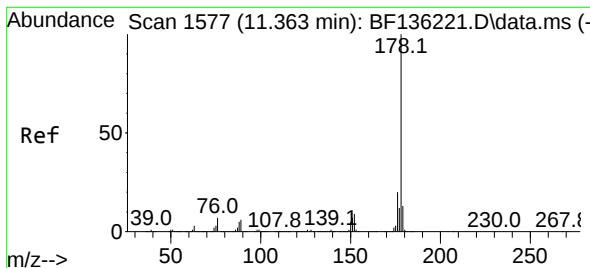
Ion Ratio Lower Upper

266 100

268 61.4 47.9 71.9

264 62.4 49.1 73.7





#71

Phenanthrene

Concen: 40.929 ng

RT: 11.363 min Scan# 1577

Delta R.T. 0.000 min

Lab File: BF136332.D

Acq: 01 Dec 2023 12:08

Instrument :

BNA_F

ClientSampleId :

PB157138BS

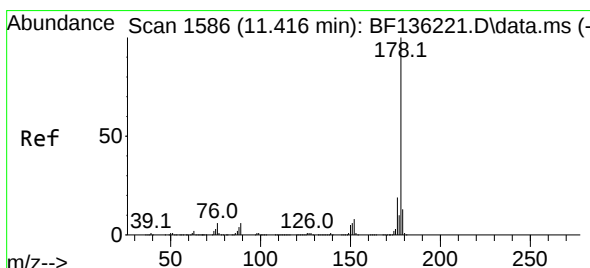
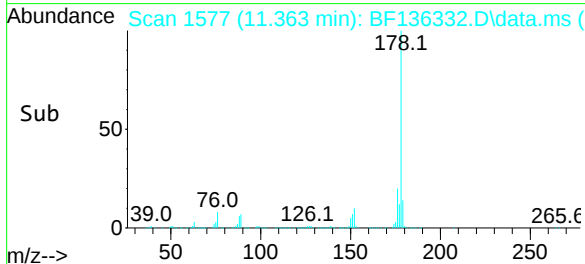
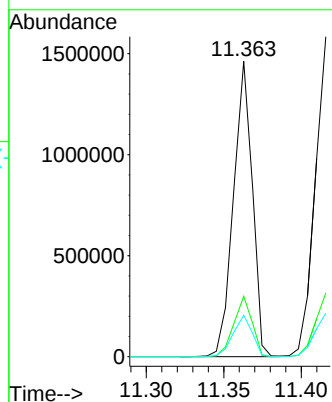
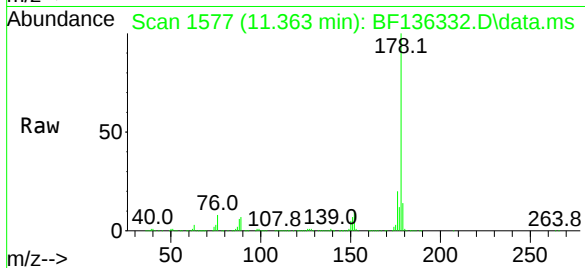
Tgt Ion:178 Resp: 1236491

Ion Ratio Lower Upper

178 100

176 20.4 16.2 24.2

179 14.0 10.3 15.5



#72

Anthracene

Concen: 40.571 ng

RT: 11.416 min Scan# 1586

Delta R.T. 0.000 min

Lab File: BF136332.D

Acq: 01 Dec 2023 12:08

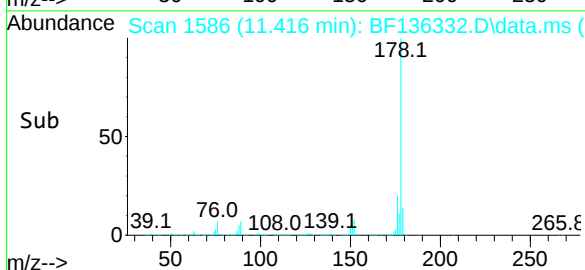
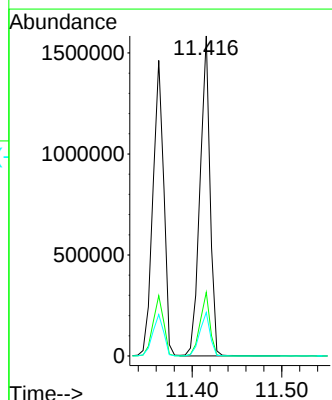
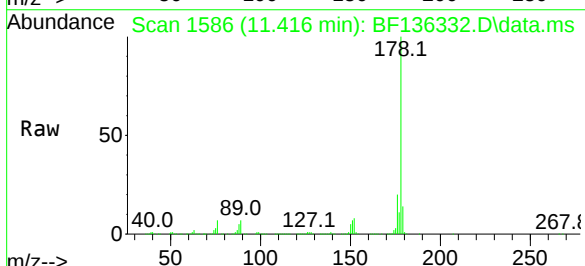
Tgt Ion:178 Resp: 1229127

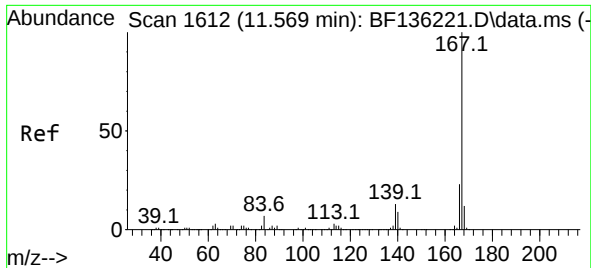
Ion Ratio Lower Upper

178 100

176 19.9 15.5 23.3

179 13.6 10.5 15.7

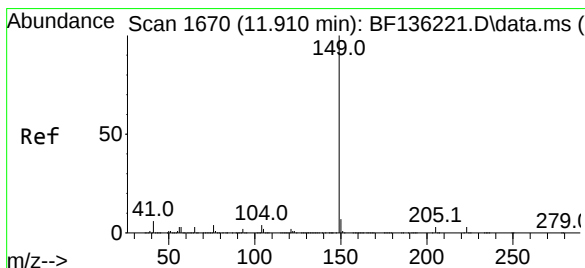
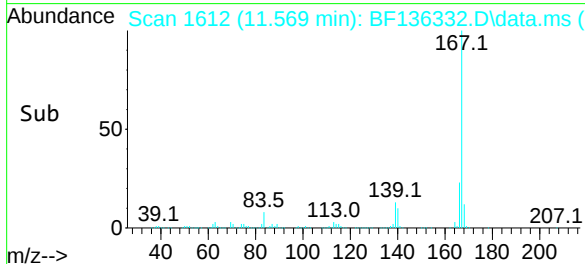
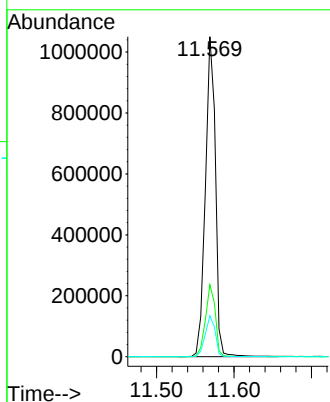
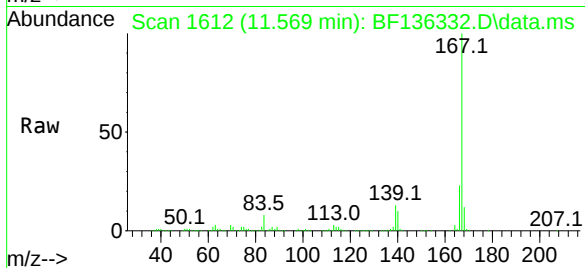




#73
 Carbazole
 Concen: 36.757 ng
 RT: 11.569 min Scan# 1612
 Delta R.T. 0.000 min
 Lab File: BF136332.D
 Acq: 01 Dec 2023 12:08

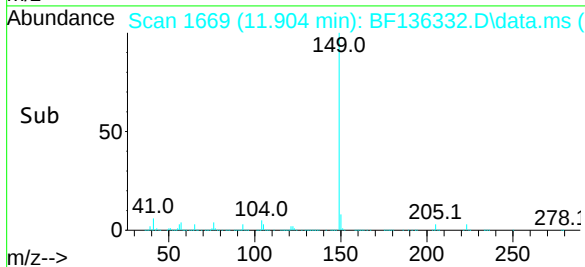
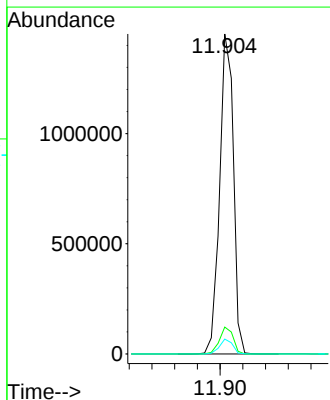
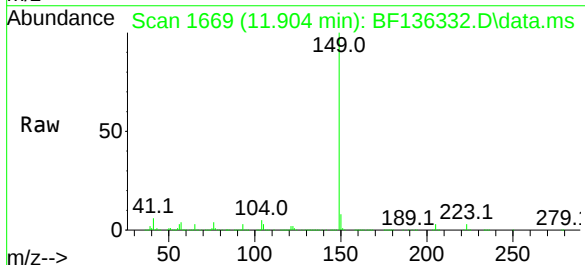
Instrument :
 BNA_F
 ClientSampleId :
 PB157138BS

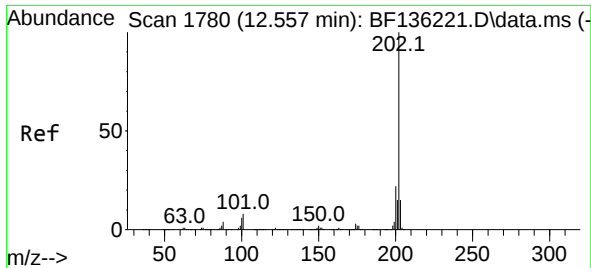
Tgt Ion:167 Resp: 947114
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.4 27.6
 139 12.8 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 37.955 ng
 RT: 11.904 min Scan# 1669
 Delta R.T. -0.006 min
 Lab File: BF136332.D
 Acq: 01 Dec 2023 12:08

Tgt Ion:149 Resp: 1223653
 Ion Ratio Lower Upper
 149 100
 150 8.4 6.0 9.0
 104 4.7 3.5 5.3

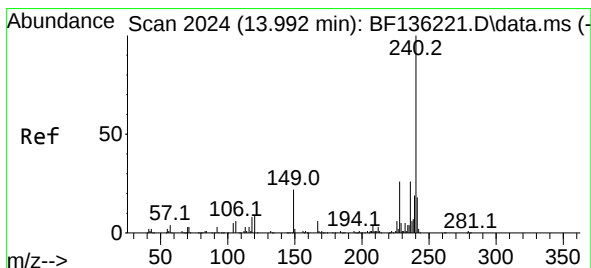
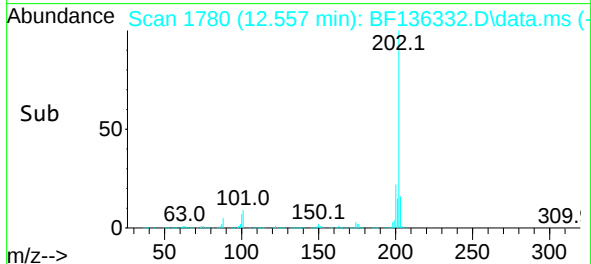
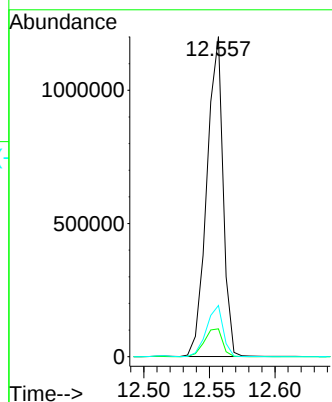
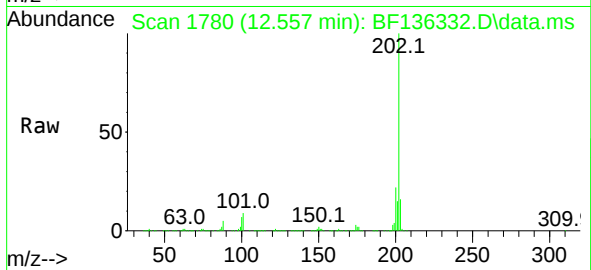




#75
Fluoranthene
Concen: 33.875 ng
RT: 12.557 min Scan# 1780
Delta R.T. 0.000 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

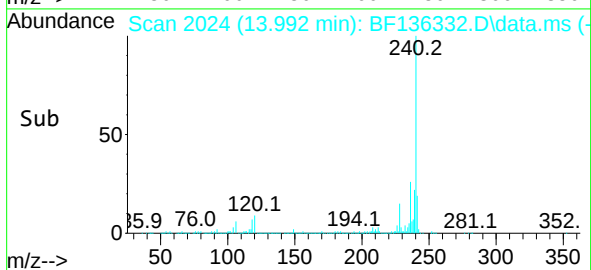
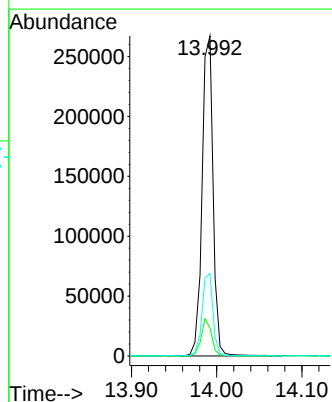
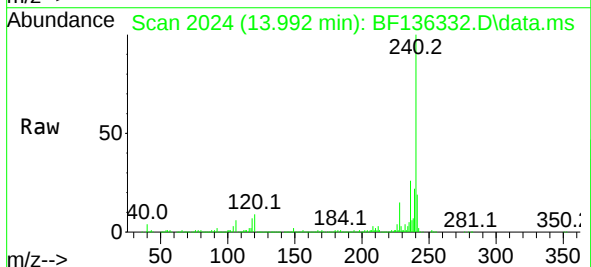
Instrument :
BNA_F
ClientSampleId :
PB157138BS

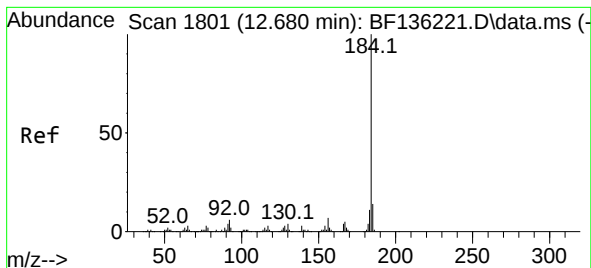
Tgt Ion:202 Resp: 1038900
Ion Ratio Lower Upper
202 100
101 8.7 0.0 27.8
203 16.0 0.0 34.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

Tgt Ion:240 Resp: 239799
Ion Ratio Lower Upper
240 100
120 8.8 7.4 11.2
236 25.7 21.1 31.7





#77

Benzidine

Concen: 23.860 ng

RT: 12.680 min Scan# 1801

Delta R.T. 0.000 min

Lab File: BF136332.D

Acq: 01 Dec 2023 12:08

Instrument :

BNA_F

ClientSampleId :

PB157138BS

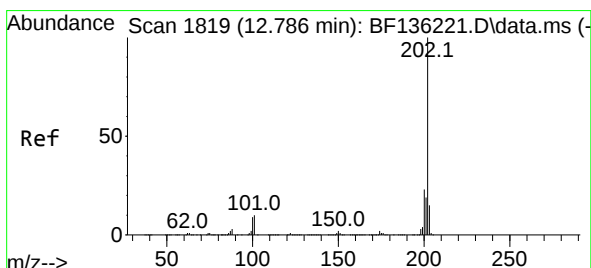
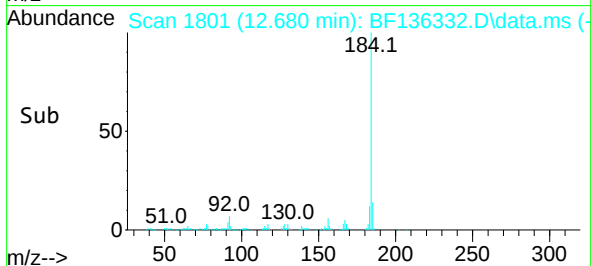
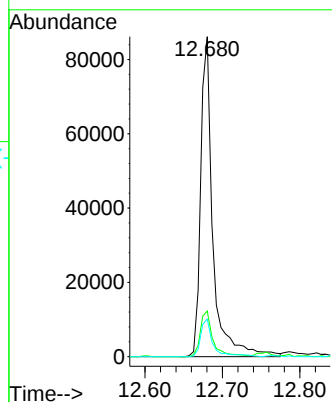
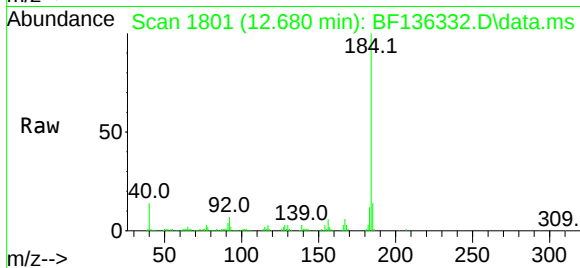
Tgt Ion:184 Resp: 94054

Ion Ratio Lower Upper

184 100

185 14.3 11.0 16.6

183 11.8 9.0 13.4



#78

Pyrene

Concen: 38.584 ng

RT: 12.786 min Scan# 1819

Delta R.T. 0.000 min

Lab File: BF136332.D

Acq: 01 Dec 2023 12:08

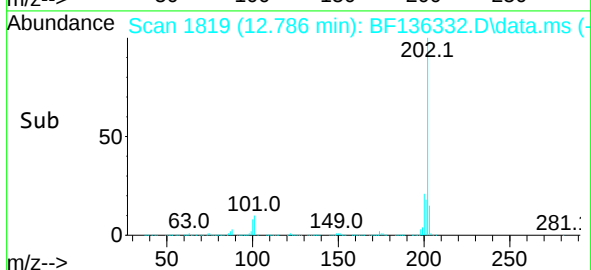
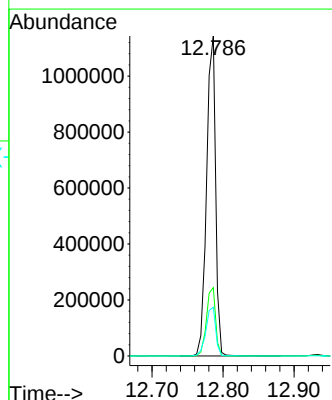
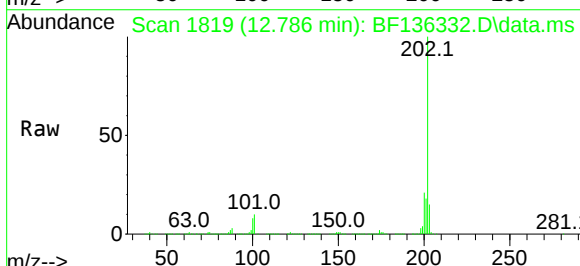
Tgt Ion:202 Resp: 1013296

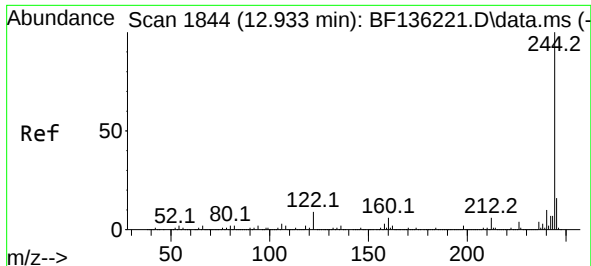
Ion Ratio Lower Upper

202 100

200 21.4 18.4 27.6

203 15.2 11.8 17.6

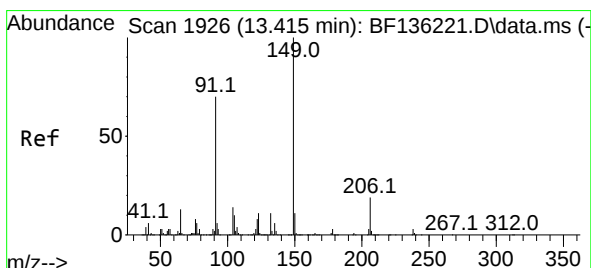
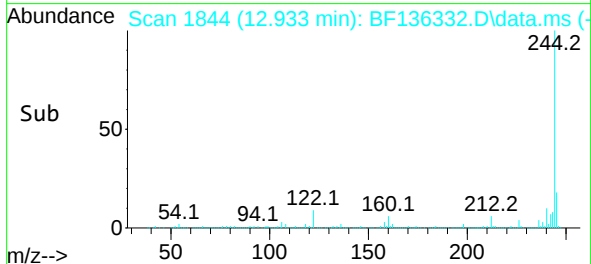
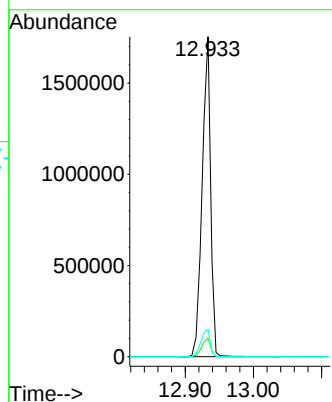
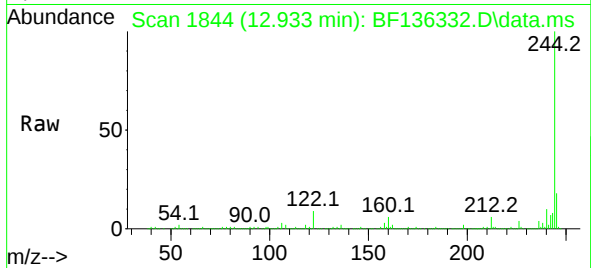




#79
 Terphenyl-d14
 Concen: 72.884 ng
 RT: 12.933 min Scan# 1844
 Delta R.T. 0.000 min
 Lab File: BF136332.D
 Acq: 01 Dec 2023 12:08

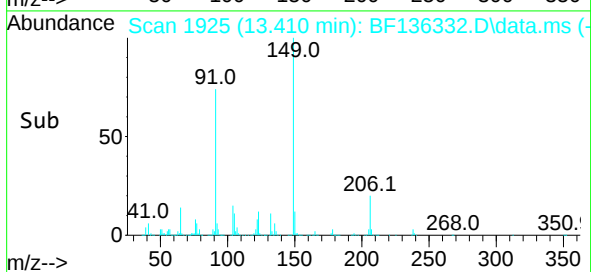
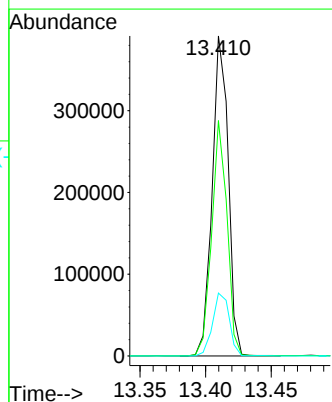
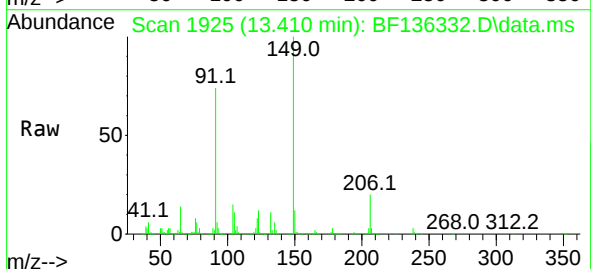
Instrument :
 BNA_F
 ClientSampleId :
 PB157138BS

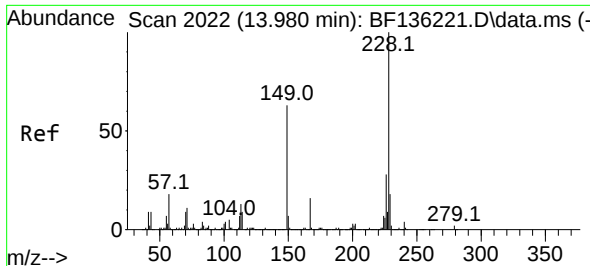
Tgt Ion:244 Resp: 1515189
 Ion Ratio Lower Upper
 244 100
 212 5.8 4.6 7.0
 122 8.6 7.3 10.9



#80
 Butylbenzylphthalate
 Concen: 40.719 ng
 RT: 13.410 min Scan# 1925
 Delta R.T. -0.006 min
 Lab File: BF136332.D
 Acq: 01 Dec 2023 12:08

Tgt Ion:149 Resp: 332815
 Ion Ratio Lower Upper
 149 100
 91 73.5 56.4 84.6
 206 19.6 14.8 22.2

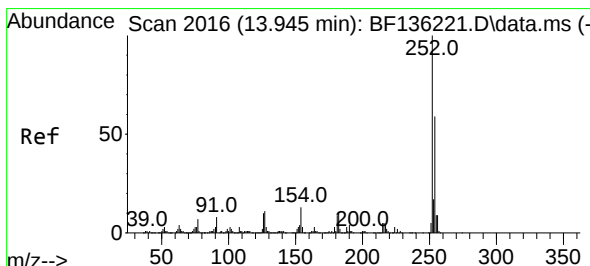
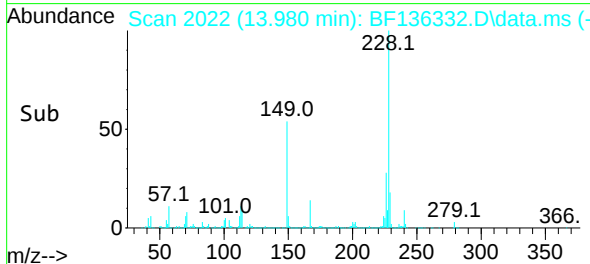
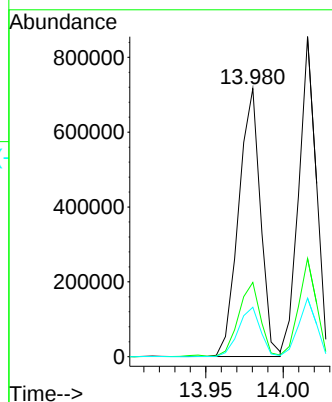
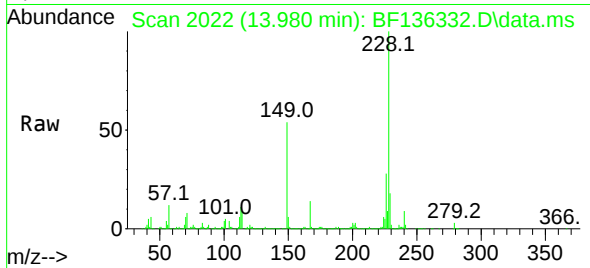




#81
Benzo(a)anthracene
Concen: 39.428 ng
RT: 13.980 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

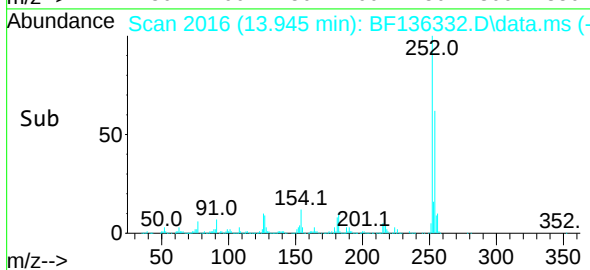
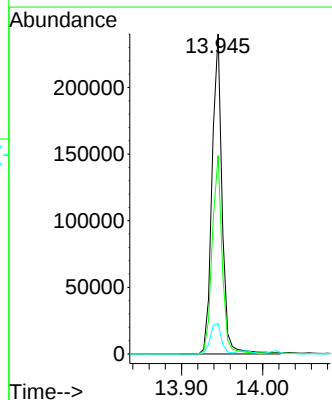
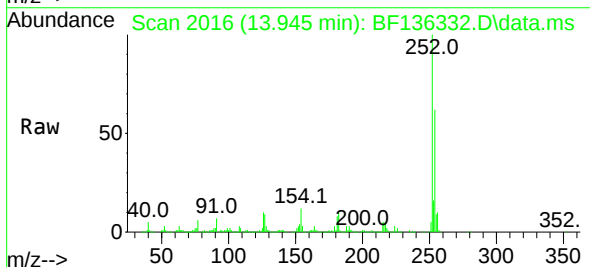
Instrument :
BNA_F
ClientSampleId :
PB157138BS

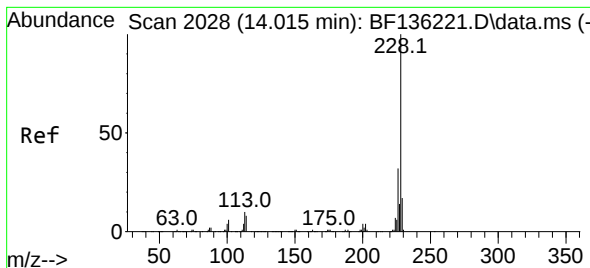
Tgt Ion:228 Resp: 702269
Ion Ratio Lower Upper
228 100
226 27.7 22.6 34.0
229 18.4 14.0 21.0



#82
3,3'-Dichlorobenzidine
Concen: 47.883 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

Tgt Ion:252 Resp: 205299
Ion Ratio Lower Upper
252 100
254 62.0 47.4 71.2
126 9.5 8.3 12.5





#83

Chrysene

Concen: 39.187 ng

RT: 14.016 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF136332.D

Acq: 01 Dec 2023 12:08

Instrument :

BNA_F

ClientSampleId :

PB157138BS

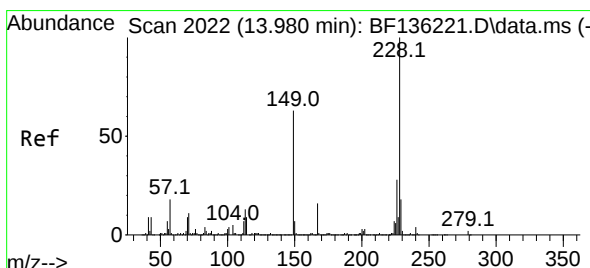
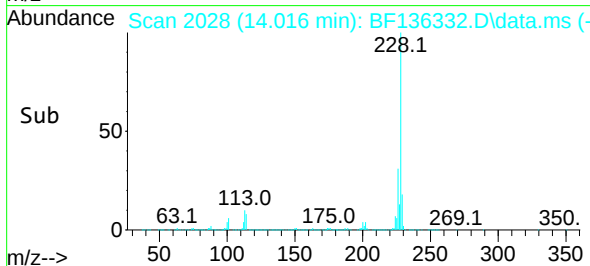
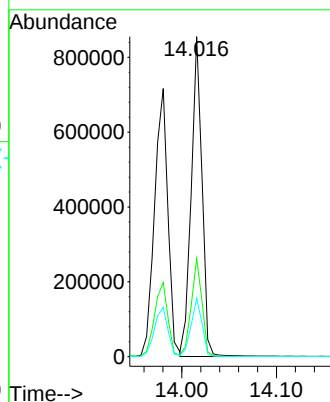
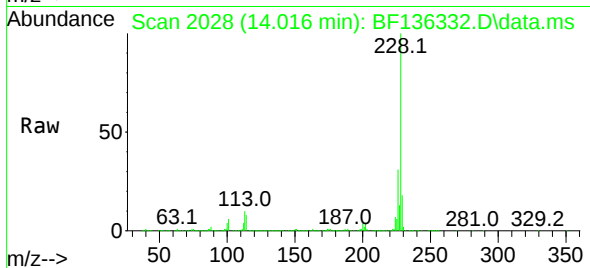
Tgt Ion:228 Resp: 673921

Ion Ratio Lower Upper

228 100

226 30.7 25.5 38.3

229 18.3 13.9 20.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.874 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF136332.D

Acq: 01 Dec 2023 12:08

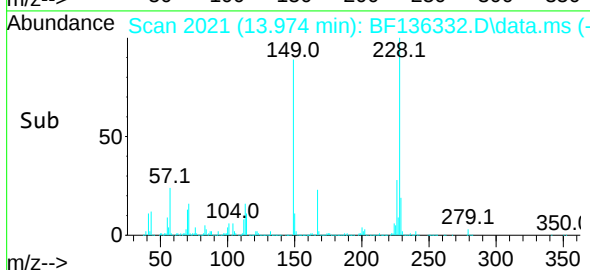
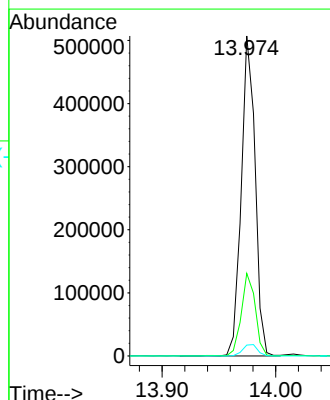
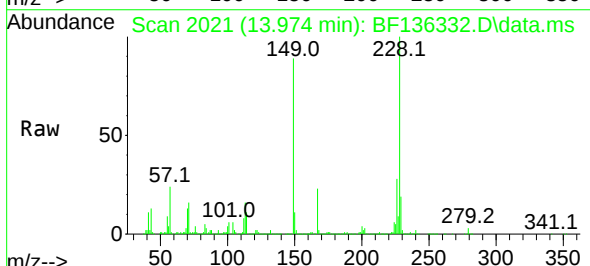
Tgt Ion:149 Resp: 430367

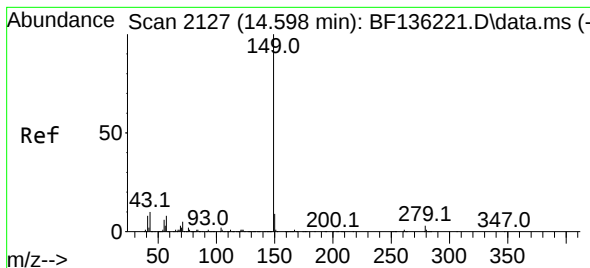
Ion Ratio Lower Upper

149 100

167 25.8 20.2 30.2

279 3.4 2.4 3.6





#85

Di-n-octyl phthalate

Concen: 48.884 ng

RT: 14.592 min Scan# 2127

Delta R.T. -0.006 min

Lab File: BF136332.D

Acq: 01 Dec 2023 12:08

Instrument :

BNA_F

ClientSampleId :

PB157138BS

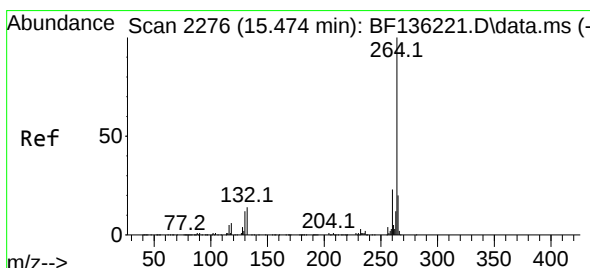
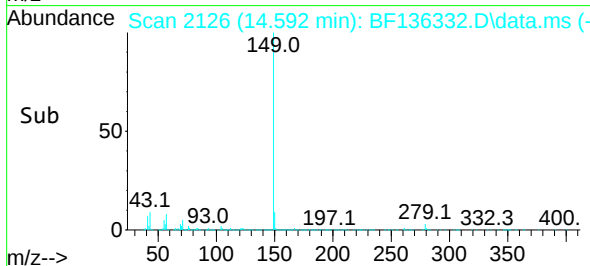
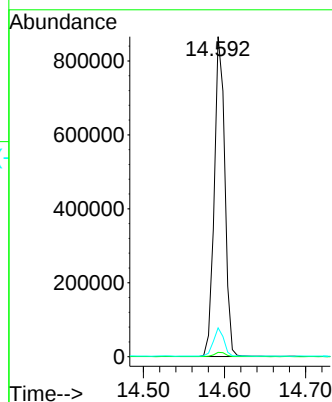
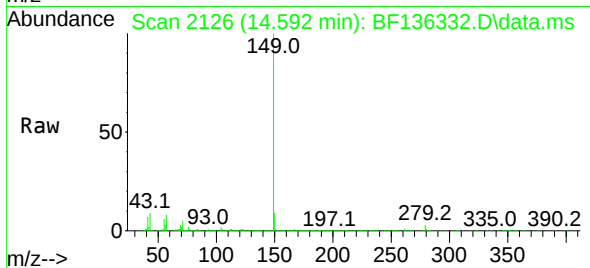
Tgt Ion:149 Resp: 780485

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: 15.474 min Scan# 2276

Delta R.T. 0.000 min

Lab File: BF136332.D

Acq: 01 Dec 2023 12:08

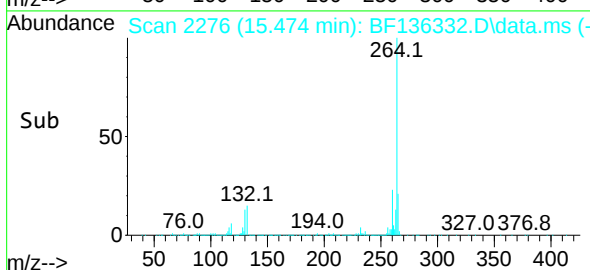
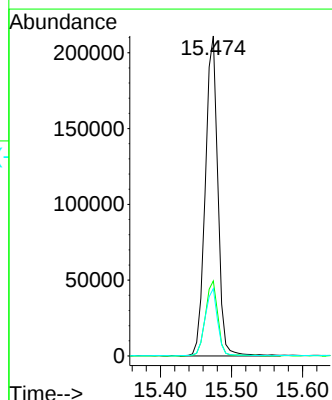
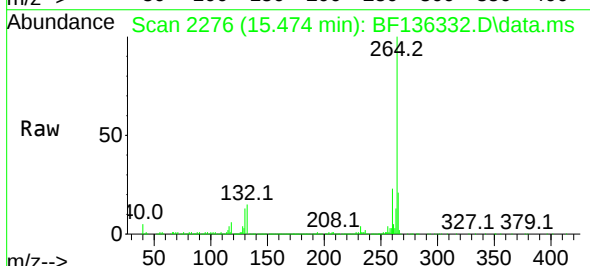
Tgt Ion:264 Resp: 260106

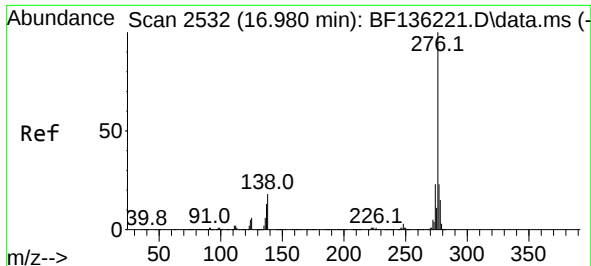
Ion Ratio Lower Upper

264 100

260 23.5 18.6 27.8

265 21.0 15.7 23.5

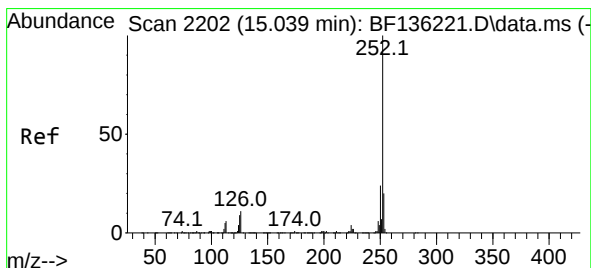
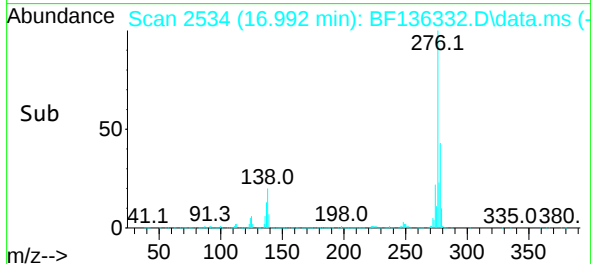
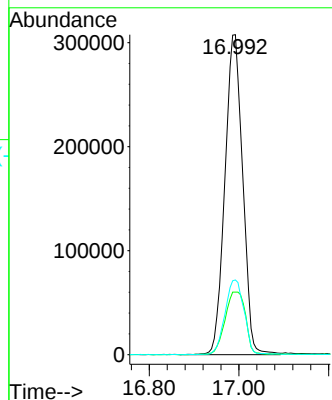
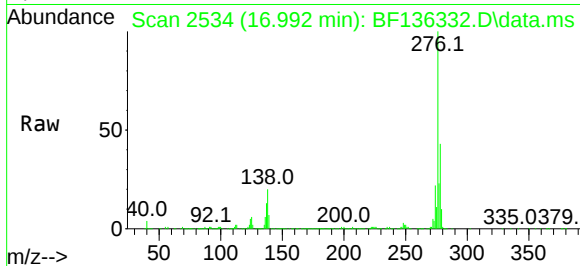




#87
Indeno(1,2,3-cd)pyrene
Concen: 44.023 ng
RT: 16.992 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

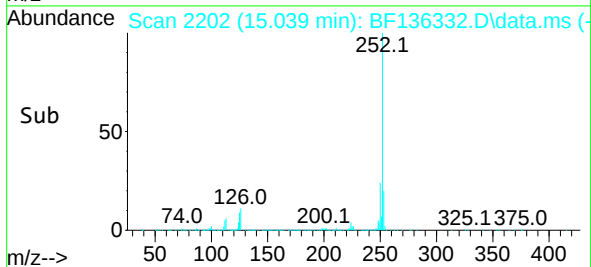
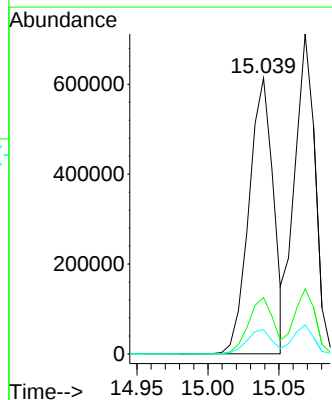
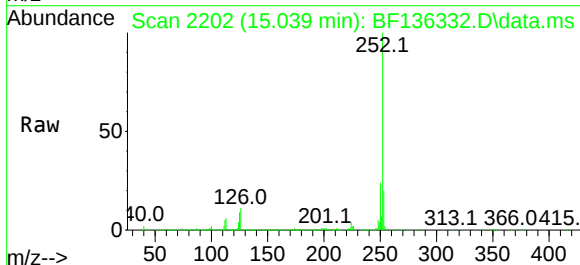
Instrument :
BNA_F
ClientSampleId :
PB157138BS

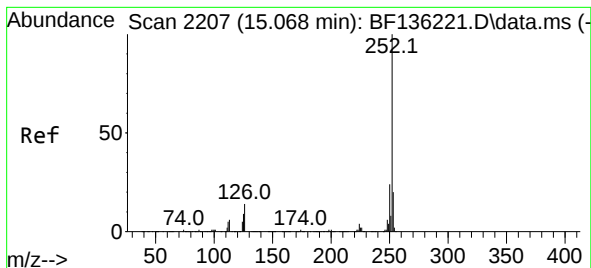
Tgt Ion:276 Resp: 851352
Ion Ratio Lower Upper
276 100
138 22.3 17.7 26.5
277 25.0 19.6 29.4



#88
Benzo(b)fluoranthene
Concen: 40.184 ng
RT: 15.039 min Scan# 2202
Delta R.T. 0.000 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

Tgt Ion:252 Resp: 733295
Ion Ratio Lower Upper
252 100
253 20.5 16.2 24.2
125 8.9 6.9 10.3





#89

Benzo(k)fluoranthene

Concen: 41.629 ng

RT: 15.068 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF136332.D

Acq: 01 Dec 2023 12:08

Instrument :

BNA_F

ClientSampleId :

PB157138BS

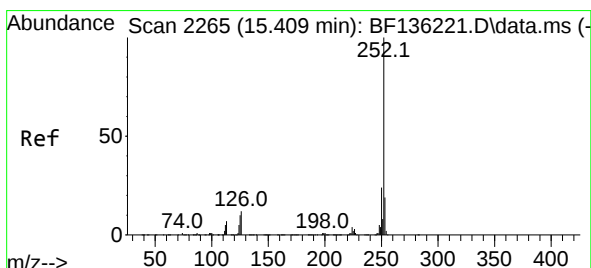
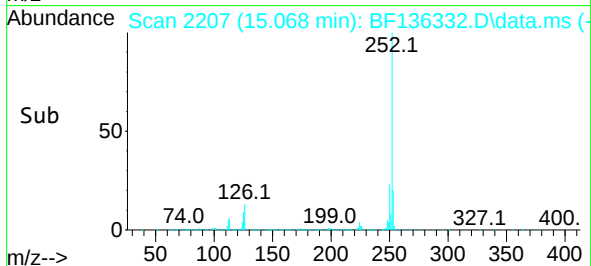
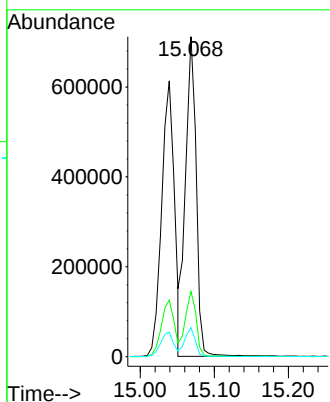
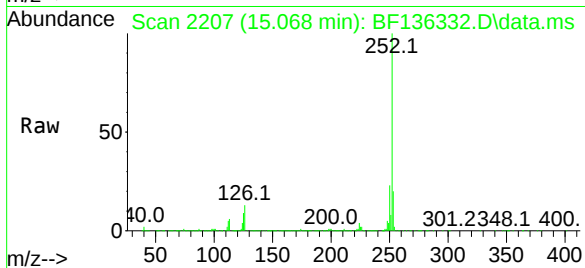
Tgt Ion:252 Resp: 721501

Ion Ratio Lower Upper

252 100

253 20.3 15.6 23.4

125 9.1 7.0 10.4



#90

Benzo(a)pyrene

Concen: 43.374 ng

RT: 15.410 min Scan# 2265

Delta R.T. 0.001 min

Lab File: BF136332.D

Acq: 01 Dec 2023 12:08

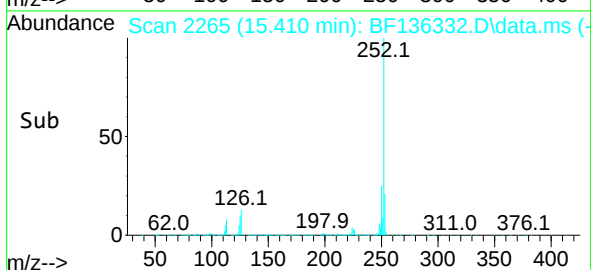
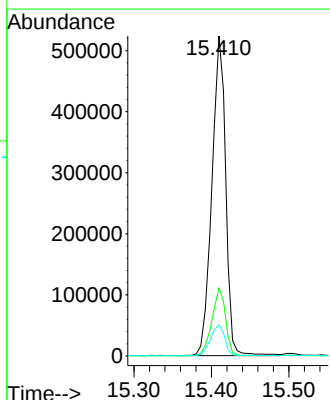
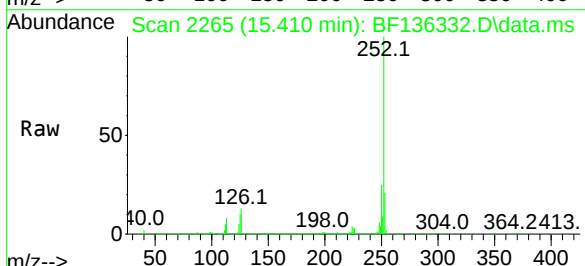
Tgt Ion:252 Resp: 647045

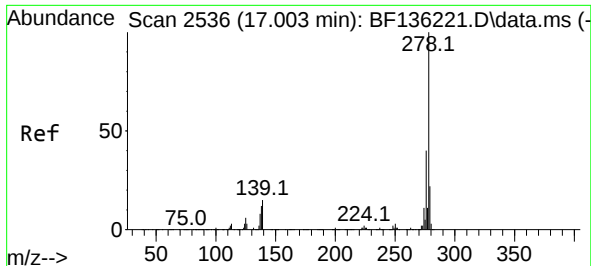
Ion Ratio Lower Upper

252 100

253 21.3 15.5 23.3

125 9.7 7.9 11.9

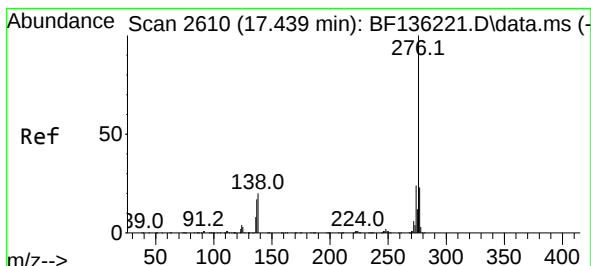
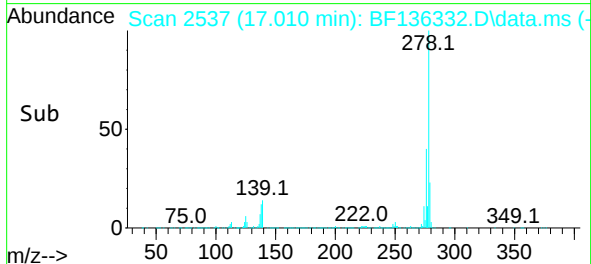
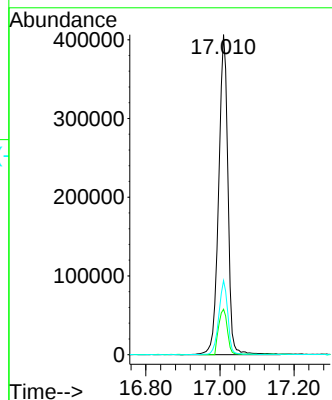
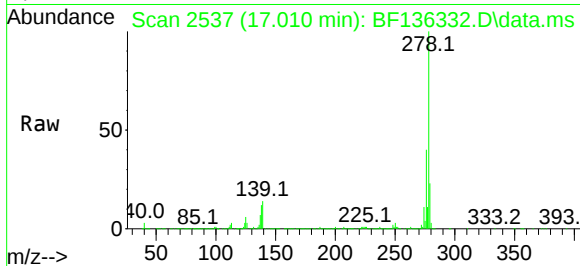




#91
Dibenzo(a,h)anthracene
Concen: 45.347 ng
RT: 17.010 min Scan# 21
Delta R.T. 0.007 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

Instrument :
BNA_F
ClientSampleId :
PB157138BS

Tgt Ion:278 Resp: 705136
Ion Ratio Lower Upper
278 100
139 14.2 11.7 17.5
279 23.2 17.8 26.8



#92
Benzo(g,h,i)perylene
Concen: 43.578 ng
RT: 17.451 min Scan# 2612
Delta R.T. 0.012 min
Lab File: BF136332.D
Acq: 01 Dec 2023 12:08

Tgt Ion:276 Resp: 679502
Ion Ratio Lower Upper
276 100
277 22.2 18.6 27.8
138 19.4 15.8 23.8

