

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121123\
 Data File : BF136491.D
 Acq On : 11 Dec 2023 15:31
 Operator : CG\JU
 Sample : PB157390BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157390BSD

Quant Time: Dec 11 15:49:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	131126	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	558601	20.000	ng	0.00
39) Acenaphthene-d10	9.834	164	296819	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	558367	20.000	ng	0.00
76) Chrysene-d12	13.980	240	287494	20.000	ng	0.00
86) Perylene-d12	15.451	264	241454	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	1015963	114.424	ng	0.02
7) Phenol-d6	6.451	99	1263209	114.031	ng	0.00
23) Nitrobenzene-d5	7.363	82	756655	73.228	ng	0.00
42) 2,4,6-Tribromophenol	10.634	330	420715	114.956	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1553153	71.400	ng	0.00
79) Terphenyl-d14	12.922	244	1722148	78.954	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.652	88	109062	31.055	ng	96
3) Pyridine	3.416	79	266787	31.369	ng	96
4) n-Nitrosodimethylamine	3.381	42	150162	40.640	ng	99
6) Aniline	6.463	93	312187	27.885	ng	# 10
8) 2-Chlorophenol	6.587	128	408658	42.160	ng	100
9) Benzaldehyde	6.351	77	142436	22.897	ng	96
10) Phenol	6.463	94	471343	39.986	ng	88
11) bis(2-Chloroethyl)ether	6.540	93	357715	40.712	ng	98
12) 1,3-Dichlorobenzene	6.740	146	407320	37.366	ng	98
13) 1,4-Dichlorobenzene	6.816	146	418131	37.812	ng	100
14) 1,2-Dichlorobenzene	6.963	146	399124	38.383	ng	99
15) Benzyl Alcohol	6.946	79	313539	42.267	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	424448	37.560	ng	94
17) 2-Methylphenol	7.057	107	333191	42.547	ng	95
18) Hexachloroethane	7.304	117	145173	37.603	ng	96
19) n-Nitroso-di-n-propyla...	7.216	70	253651	39.693	ng	96
20) 3+4-Methylphenols	7.210	107	397921	40.938	ng	97
22) Acetophenone	7.204	105	539099	39.082	ng	# 98
24) Nitrobenzene	7.381	77	385613	37.097	ng	98
25) Isophorone	7.616	82	719567	38.761	ng	99
26) 2-Nitrophenol	7.693	139	212494	41.582	ng	99
27) 2,4-Dimethylphenol	7.740	122	328267	52.096	ng	98
28) bis(2-Chloroethoxy)met...	7.828	93	442470	38.788	ng	99
29) 2,4-Dichlorophenol	7.940	162	343163	41.259	ng	99
30) 1,2,4-Trichlorobenzene	8.016	180	369191	38.067	ng	99
31) Naphthalene	8.098	128	1163560	37.772	ng	100
32) Benzoic acid	7.875	122	257282	41.159	ng	94
33) 4-Chloroaniline	8.145	127	276241	25.154	ng	98
34) Hexachlorobutadiene	8.210	225	206535	35.933	ng	99
35) Caprolactam	8.528	113	61749	24.108	ng	91
36) 4-Chloro-3-methylphenol	8.640	107	365909	41.434	ng	99
37) 2-Methylnaphthalene	8.787	142	750676	38.305	ng	94
38) 1-Methylnaphthalene	8.887	142	712569	37.054	ng	97
40) 1,2,4,5-Tetrachloroben...	8.957	216	362814	39.289	ng	100
41) Hexachlorocyclopentadiene	8.940	237	315904	92.339	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	245426	40.817	ng	99

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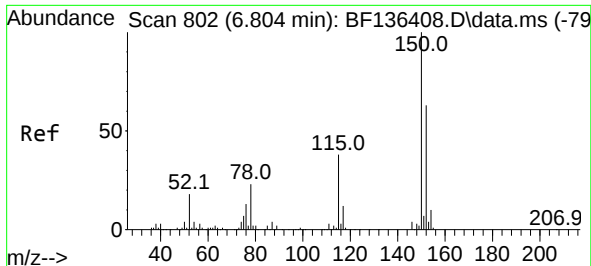
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	265791	39.606	ng	94
46) 1,1'-Biphenyl	9.257	154	963255	38.139	ng	99
47) 2-Chloronaphthalene	9.281	162	741235	37.708	ng	99
48) 2-Nitroaniline	9.381	65	214363	40.659	ng	94
49) Acenaphthylene	9.698	152	1128430	40.297	ng	98
50) Dimethylphthalate	9.563	163	877661	40.162	ng	99
51) 2,6-Dinitrotoluene	9.628	165	195280	39.721	ng	89
52) Acenaphthene	9.869	154	689198	38.408	ng	98
53) 3-Nitroaniline	9.792	138	163761	32.619	ng	96
54) 2,4-Dinitrophenol	9.904	184	220300	88.628	ng	92
55) Dibenzofuran	10.039	168	1032476	39.386	ng	99
56) 4-Nitrophenol	9.969	139	322223	85.618	ng	98
57) 2,4-Dinitrotoluene	10.034	165	253955	39.048	ng	97
58) Fluorene	10.386	166	804171	38.215	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	230464	42.873	ng	99
60) Diethylphthalate	10.263	149	835286	38.871	ng	100
61) 4-Chlorophenyl-phenyle...	10.375	204	391040	38.119	ng	98
62) 4-Nitroaniline	10.416	138	195136	39.145	ng	97
63) Azobenzene	10.539	77	740725	37.871	ng	97
65) 4,6-Dinitro-2-methylph...	10.439	198	147763	42.730	ng	97
66) n-Nitrosodiphenylamine	10.504	169	730790	40.788	ng	98
67) 4-Bromophenyl-phenylether	10.869	248	255889	39.417	ng	96
68) Hexachlorobenzene	10.934	284	288476	38.447	ng	95
69) Atrazine	11.034	200	203304	39.756	ng	99
70) Pentachlorophenol	11.134	266	282005	66.594	ng	97
71) Phenanthrene	11.351	178	1218868	39.715	ng	99
72) Anthracene	11.404	178	1222122	39.536	ng	99
73) Carbazole	11.563	167	1068843	39.067	ng	99
74) Di-n-butylphthalate	11.892	149	1263607	37.675	ng	99
75) Fluoranthene	12.545	202	1201533	37.359	ng	99
77) Benzidine	12.663	184	76050	17.641	ng	98
78) Pyrene	12.775	202	1208284	42.914	ng	98
80) Butylbenzylphthalate	13.398	149	416169	41.521	ng	94
81) Benzo(a)anthracene	13.969	228	840307	41.961	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	231685	41.263	ng	99
83) Chrysene	14.004	228	788630	40.027	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	501940	40.850	ng	98
85) Di-n-octyl phthalate	14.580	149	731911	40.327	ng	99
87) Indeno(1,2,3-cd)pyrene	16.963	276	836873	49.890	ng	99
88) Benzo(b)fluoranthene	15.021	252	713451	43.216	ng	100
89) Benzo(k)fluoranthene	15.051	252	701476	45.087	ng	99
90) Benzo(a)pyrene	15.392	252	620779	45.533	ng	99
91) Dibenzo(a,h)anthracene	16.980	278	697853	50.782	ng	99
92) Benzo(g,h,i)perylene	17.421	276	692859	49.122	ng	100

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

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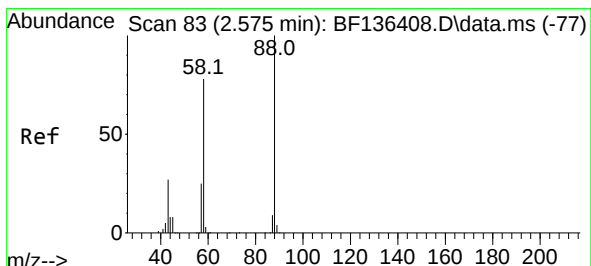
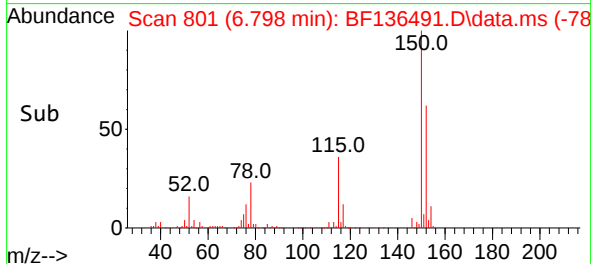
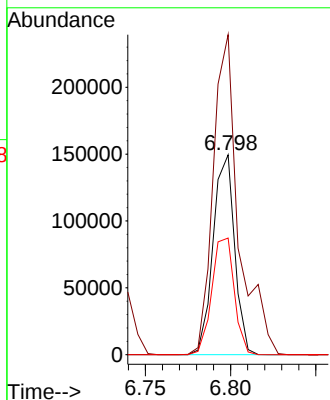
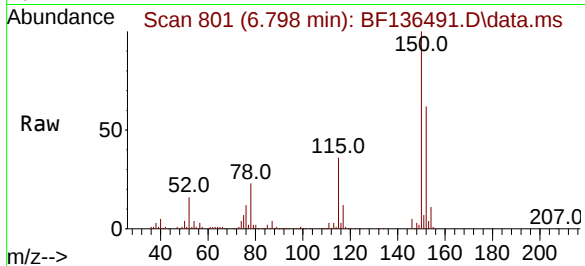




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF136491.D
 Acq: 11 Dec 2023 15:31

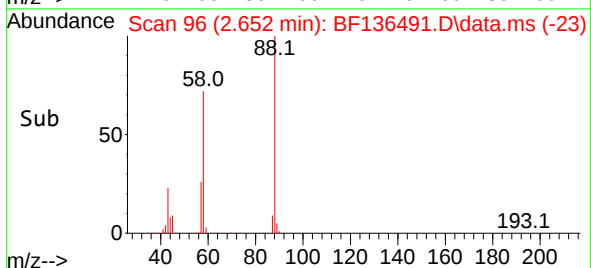
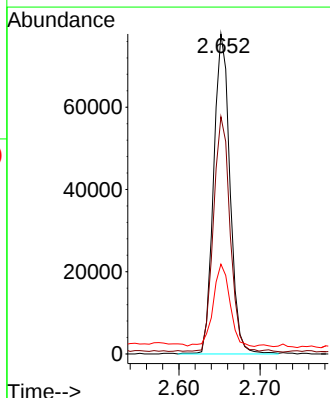
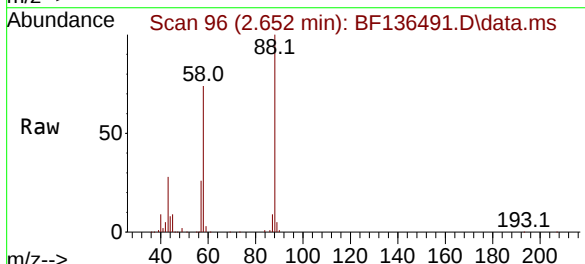
Instrument :
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 PB157390BSD

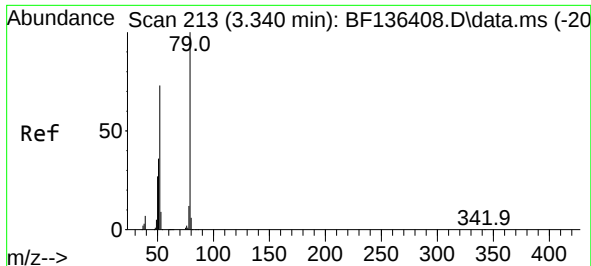
Tgt Ion:152 Resp: 131126
 Ion Ratio Lower Upper
 152 100
 150 160.1 126.4 189.6
 115 58.4 48.2 72.4



#2
 1,4-Dioxane
 Concen: 31.055 ng
 RT: 2.652 min Scan# 96
 Delta R.T. 0.077 min
 Lab File: BF136491.D
 Acq: 11 Dec 2023 15:31

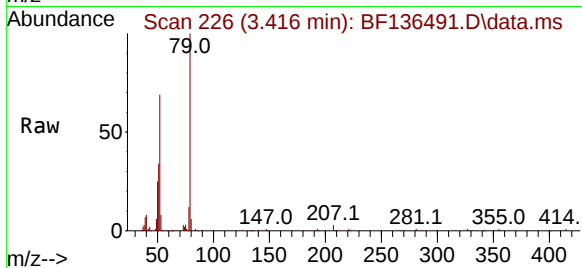
Tgt Ion: 88 Resp: 109062
 Ion Ratio Lower Upper
 88 100
 58 73.9 62.2 93.2
 43 26.1 21.5 32.3



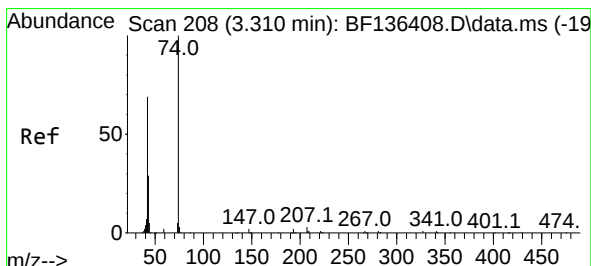
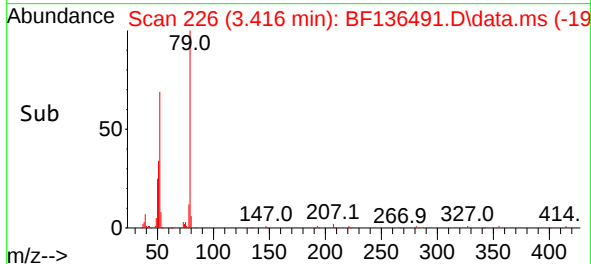
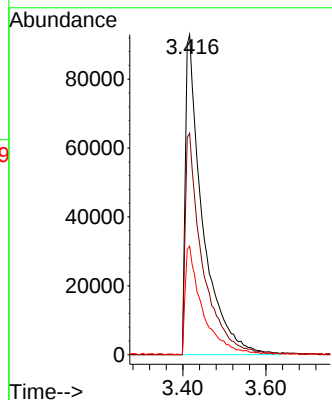


#3
Pyridine
Concen: 31.369 ng
RT: 3.416 min Scan# 21
Delta R.T. 0.077 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

Instrument :
BNA_F
ClientSampleId :
PB157390BSD

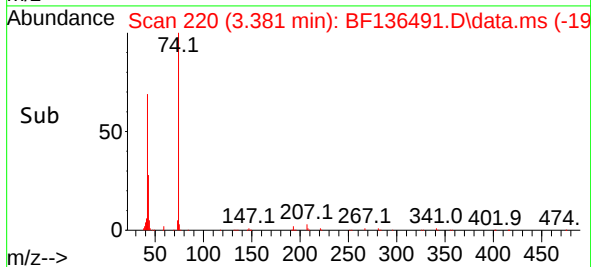
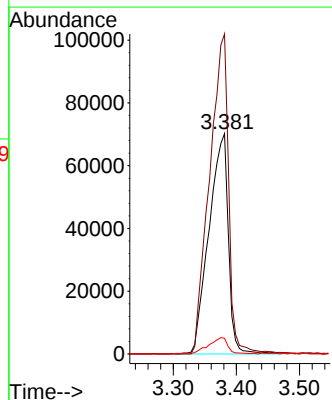
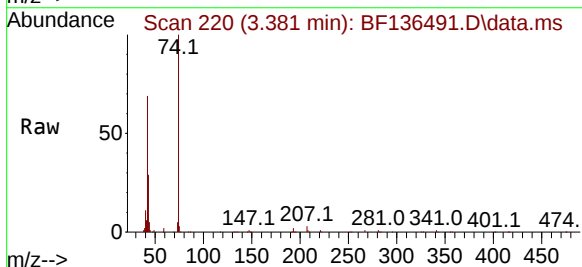


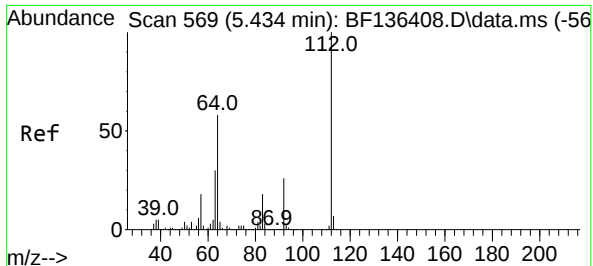
Tgt Ion: 79 Resp: 266787
Ion Ratio Lower Upper
79 100
52 69.2 58.2 87.2
51 33.9 29.1 43.7



#4
n-Nitrosodimethylamine
Concen: 40.640 ng
RT: 3.381 min Scan# 220
Delta R.T. 0.071 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

Tgt Ion: 42 Resp: 150162
Ion Ratio Lower Upper
42 100
74 145.2 115.4 173.0
44 7.1 6.2 9.2

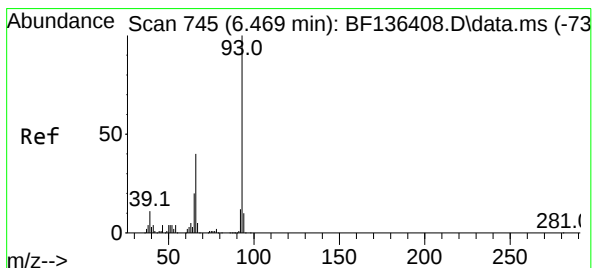
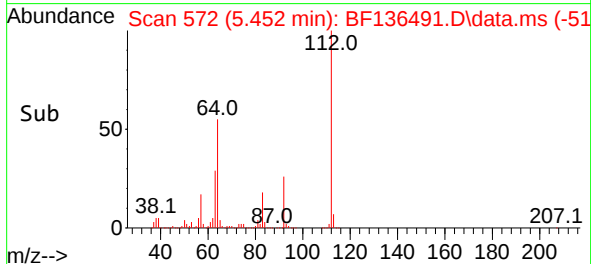
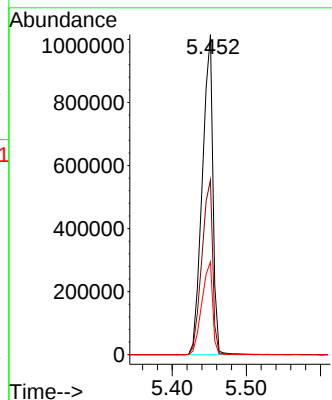
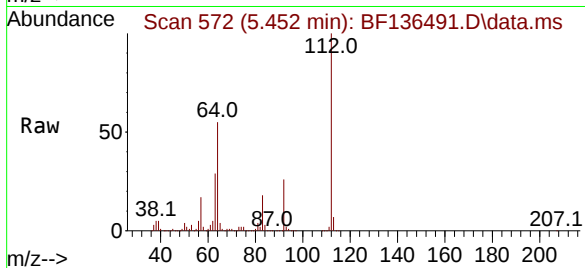




#5
2-Fluorophenol
Concen: 114.424 ng
RT: 5.452 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

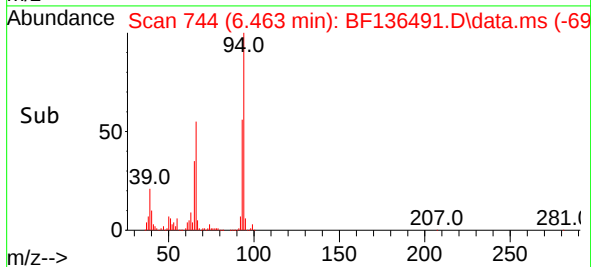
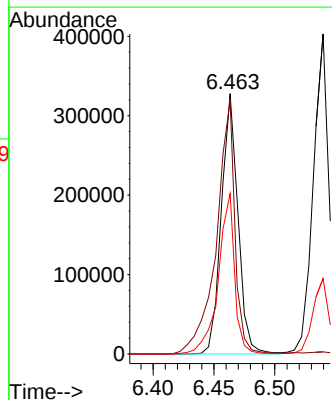
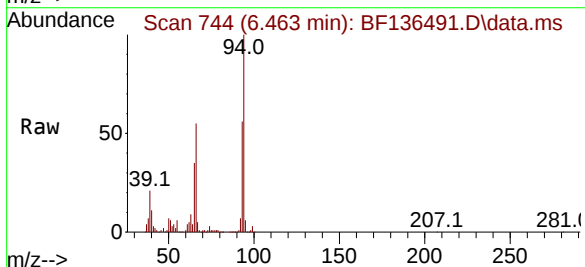
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ClientSampleId :
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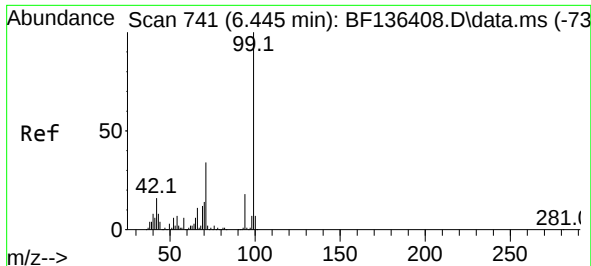
Tgt Ion:112 Resp: 1015963
Ion Ratio Lower Upper
112 100
64 54.6 46.5 69.7
63 29.0 23.9 35.9



#6
Aniline
Concen: 27.885 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

Tgt Ion: 93 Resp: 312187
Ion Ratio Lower Upper
93 100
66 97.5 32.5 48.7#
65 61.5 16.4 24.6#



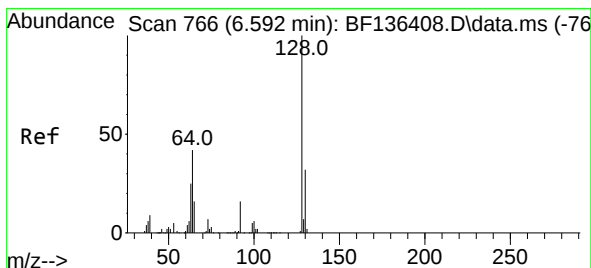
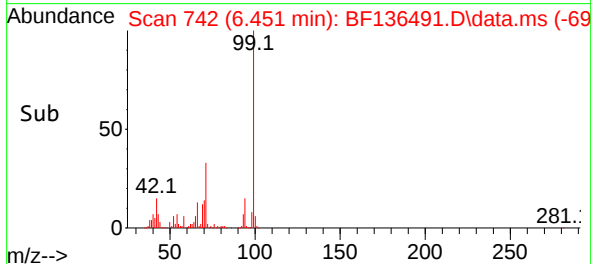
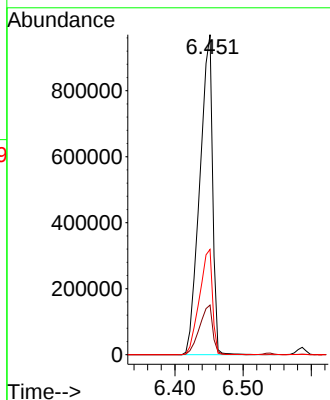
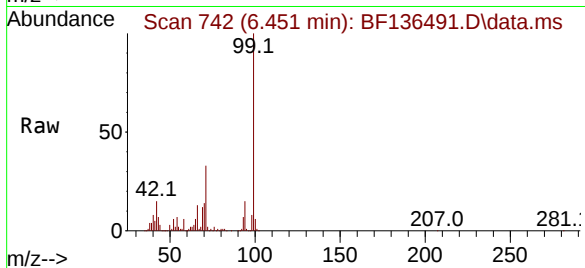


#7
Phenol-d6
Concen: 114.031 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

Instrument :
BNA_F
ClientSampleId :
PB157390BSD

Tgt Ion: 99 Resp: 1263209

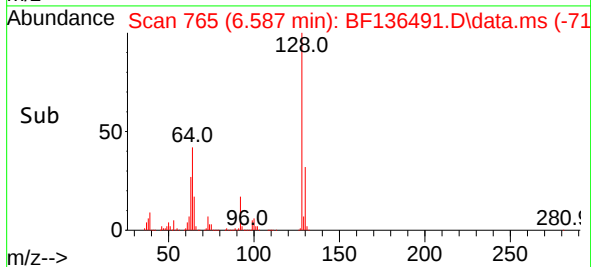
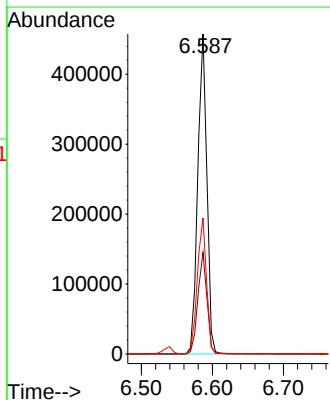
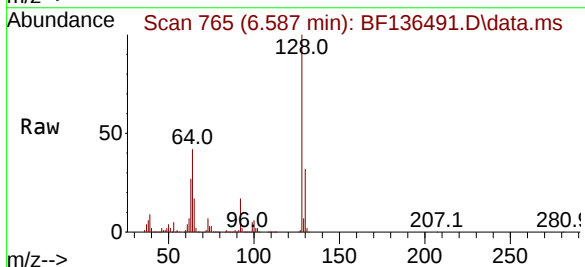
Ion	Ratio	Lower	Upper
99	100		
42	15.5	12.8	19.2
71	32.9	27.0	40.4

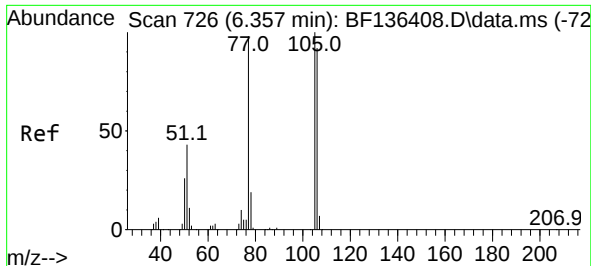


#8
2-Chlorophenol
Concen: 42.160 ng
RT: 6.587 min Scan# 765
Delta R.T. -0.006 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

Tgt Ion: 128 Resp: 408658

Ion	Ratio	Lower	Upper
128	100		
130	31.7	11.7	51.7
64	42.4	22.5	62.5

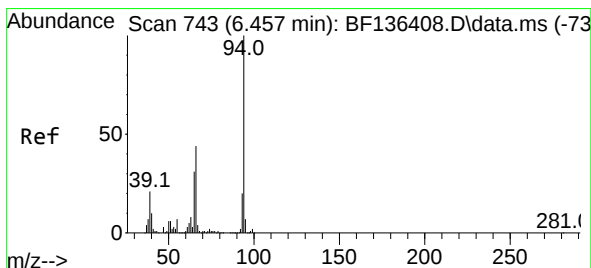
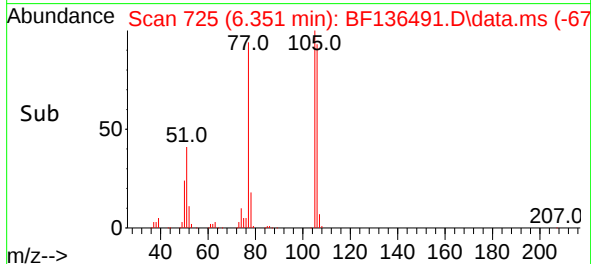
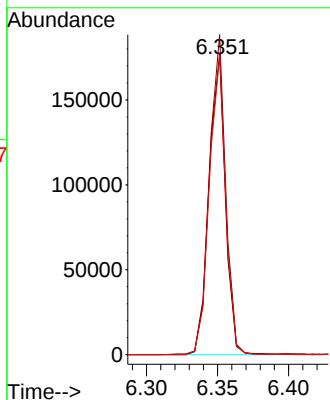
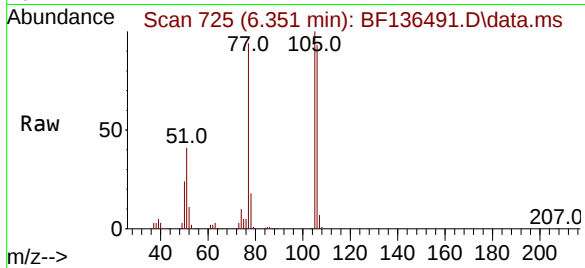




#9
Benzaldehyde
Concen: 22.897 ng
RT: 6.351 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

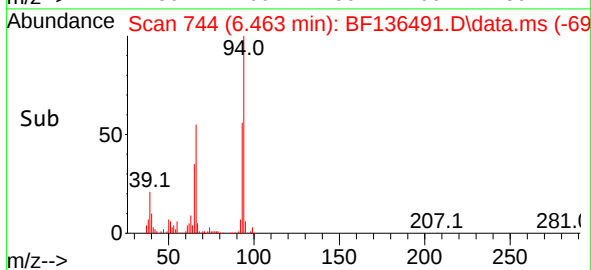
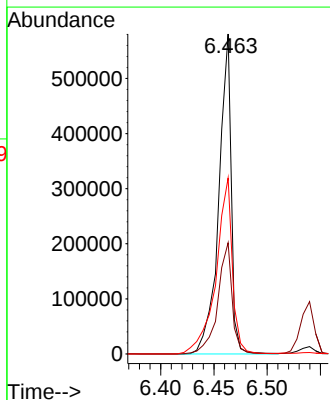
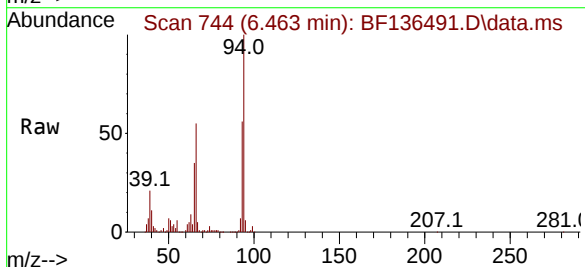
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BNA_F
ClientSampleId :
PB157390BSD

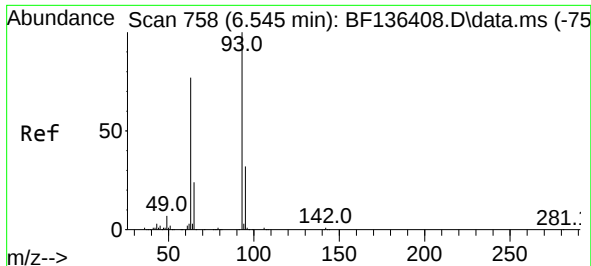
Tgt Ion: 77 Resp: 142436
Ion Ratio Lower Upper
77 100
105 106.3 82.5 122.5
106 99.3 74.5 114.5



#10
Phenol
Concen: 39.986 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

Tgt Ion: 94 Resp: 471343
Ion Ratio Lower Upper
94 100
65 34.7 11.2 51.2
66 55.0 24.2 64.2

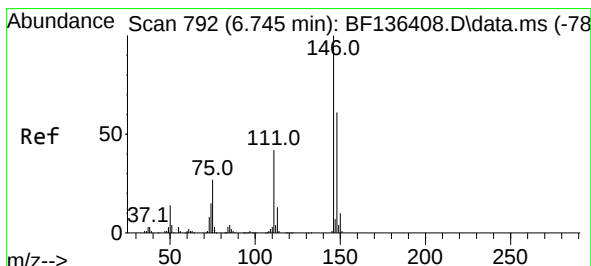
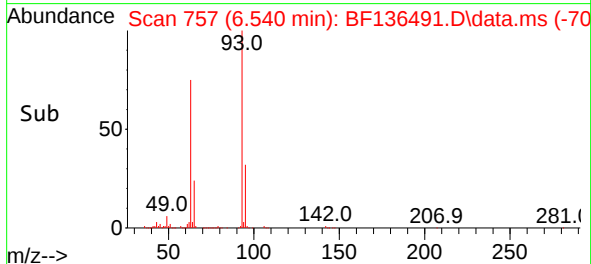
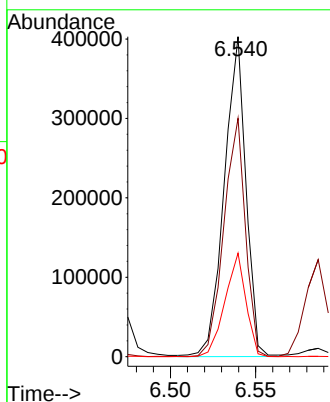
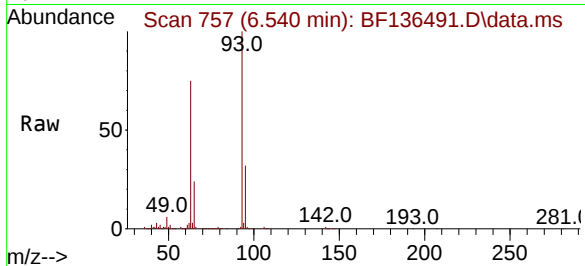




#11
bis(2-Chloroethyl)ether
Concen: 40.712 ng
RT: 6.540 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

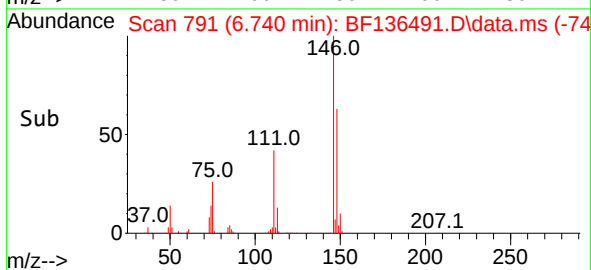
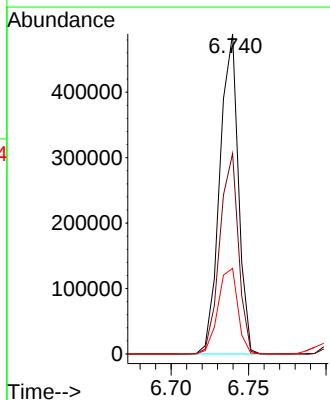
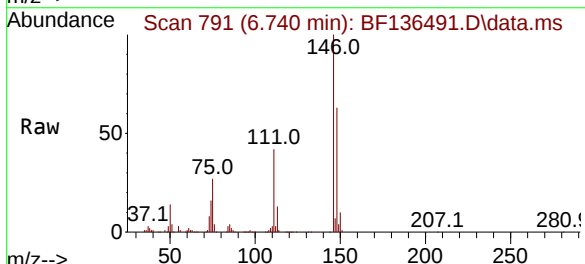
Instrument :
BNA_F
ClientSampleId :
PB157390BSD

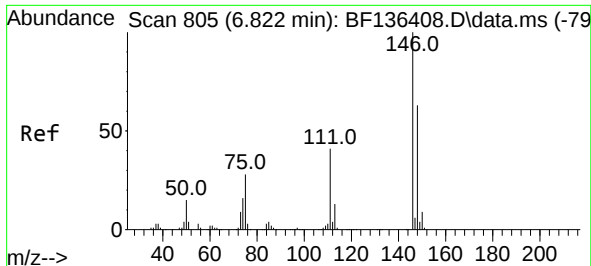
Tgt Ion: 93 Resp: 357715
Ion Ratio Lower Upper
93 100
63 74.5 56.8 96.8
95 32.4 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 37.366 ng
RT: 6.740 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

Tgt Ion: 146 Resp: 407320
Ion Ratio Lower Upper
146 100
148 62.7 49.0 73.6
75 26.7 21.8 32.6





#13

1,4-Dichlorobenzene

Concen: 37.812 ng

RT: 6.816 min Scan# 805

Delta R.T. -0.006 min

Lab File: BF136491.D

Acq: 11 Dec 2023 15:31

Instrument :

BNA_F

ClientSampleId :

PB157390BSD

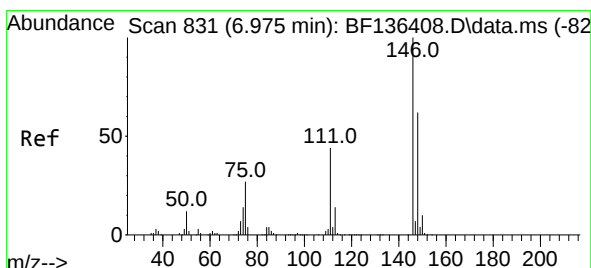
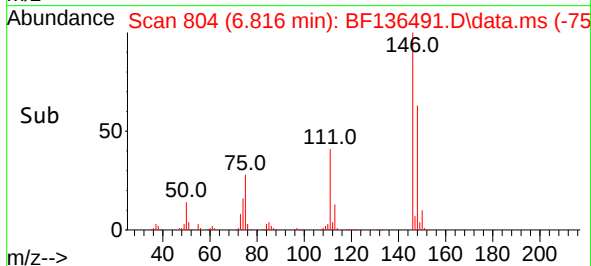
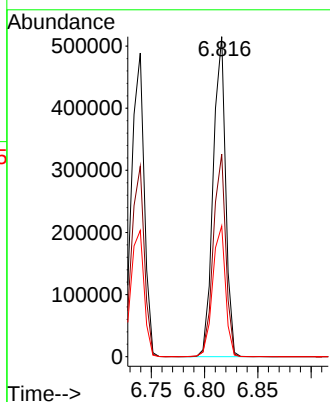
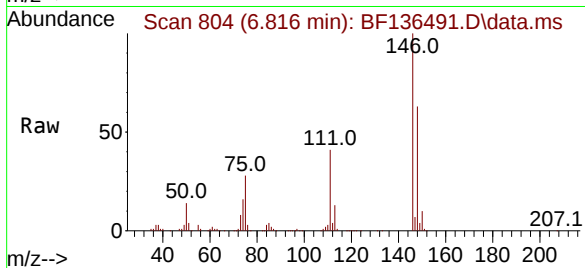
Tgt Ion:146 Resp: 418131

Ion Ratio Lower Upper

146 100

148 63.3 50.3 75.5

111 40.8 32.6 49.0



#14

1,2-Dichlorobenzene

Concen: 38.383 ng

RT: 6.963 min Scan# 829

Delta R.T. -0.012 min

Lab File: BF136491.D

Acq: 11 Dec 2023 15:31

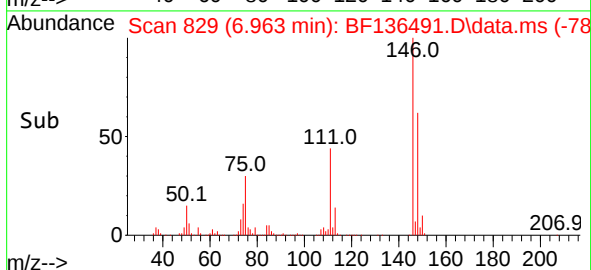
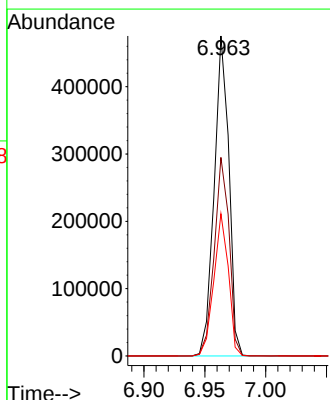
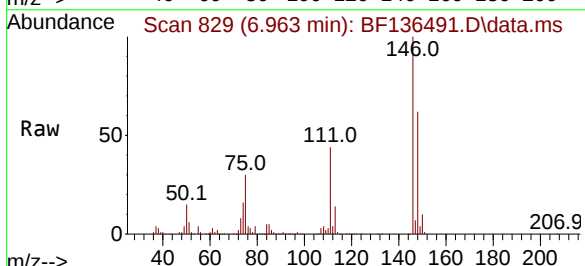
Tgt Ion:146 Resp: 399124

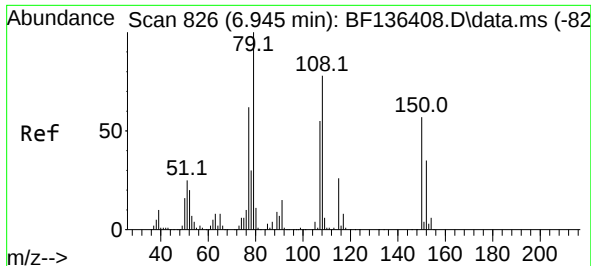
Ion Ratio Lower Upper

146 100

148 62.0 49.8 74.6

111 44.5 34.9 52.3

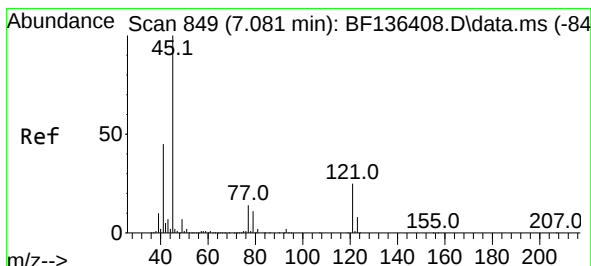
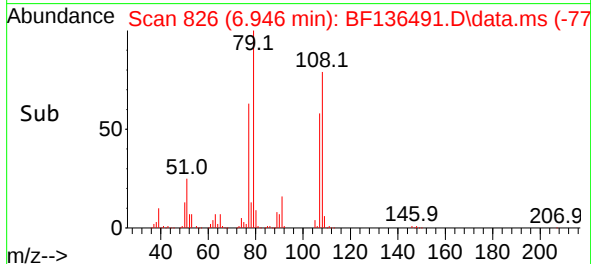
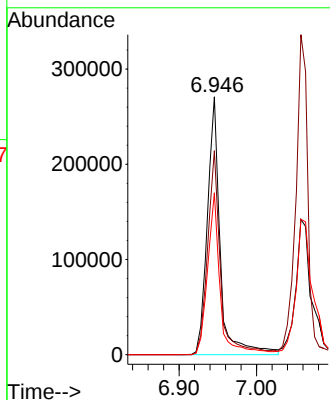
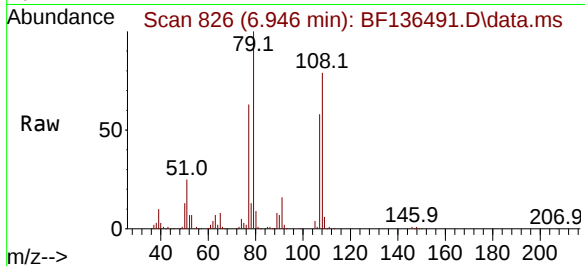




#15
Benzyl Alcohol
Concen: 42.267 ng
RT: 6.946 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

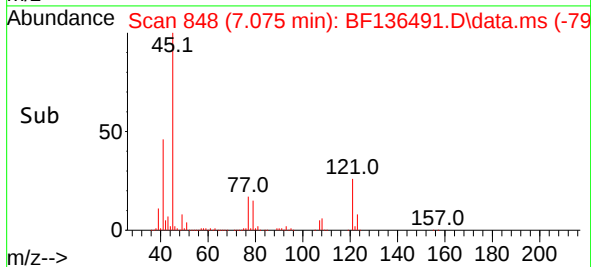
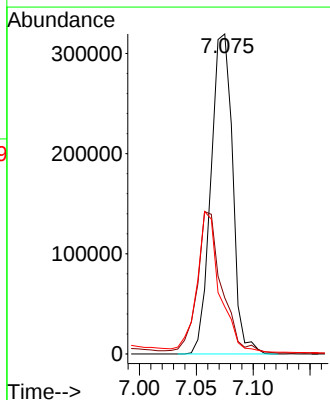
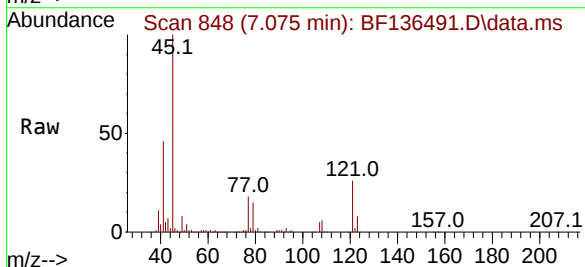
Instrument :
BNA_F
ClientSampleId :
PB157390BSD

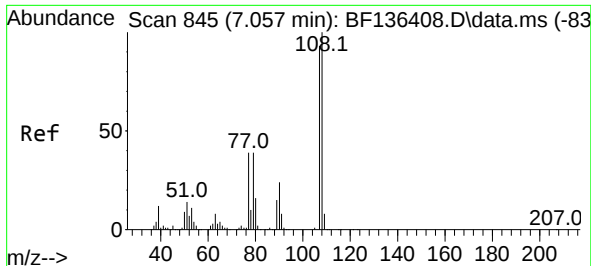
Tgt Ion: 79 Resp: 313539
Ion Ratio Lower Upper
79 100
108 79.1 62.3 93.5
77 62.8 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.560 ng
RT: 7.075 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

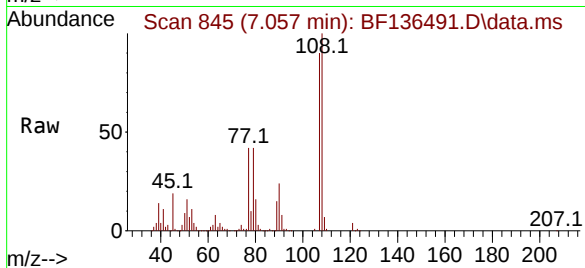
Tgt Ion: 45 Resp: 424448
Ion Ratio Lower Upper
45 100
77 17.5 0.0 35.3
79 14.7 0.0 32.5



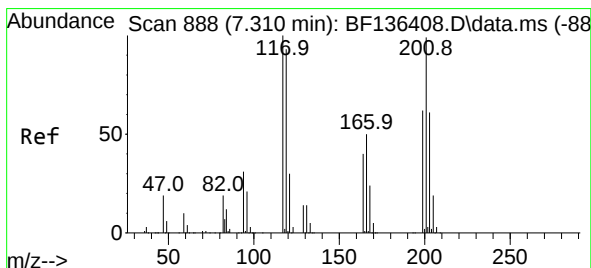
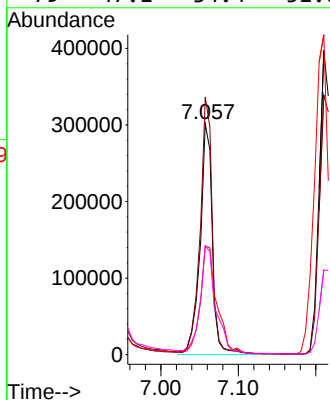
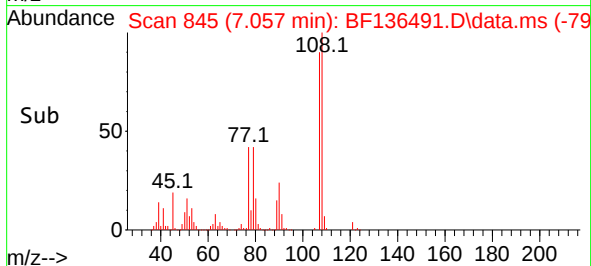


#17
2-Methylphenol
Concen: 42.547 ng
RT: 7.057 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

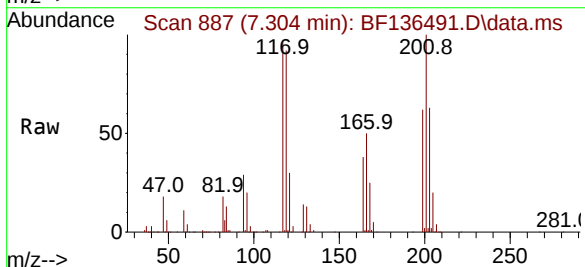
Instrument :
BNA_F
ClientSampleId :
PB157390BSD



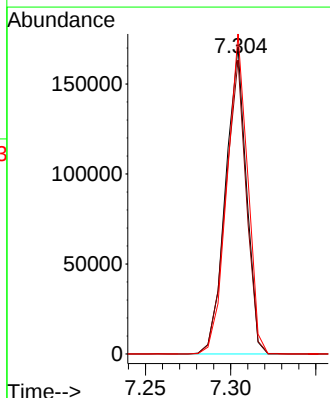
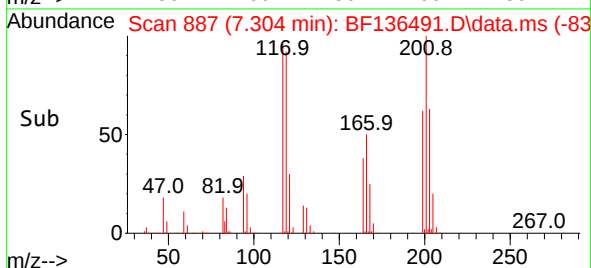
Tgt Ion:107 Resp: 333191
Ion Ratio Lower Upper
107 100
108 111.5 86.5 129.7
77 47.1 33.8 50.8
79 47.1 34.4 51.6

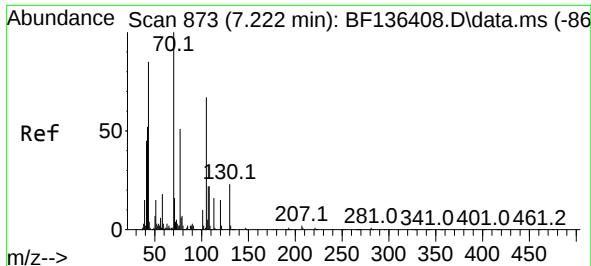


#18
Hexachloroethane
Concen: 37.603 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31



Tgt Ion:117 Resp: 145173
Ion Ratio Lower Upper
117 100
119 95.7 74.3 111.5
201 104.2 79.3 118.9

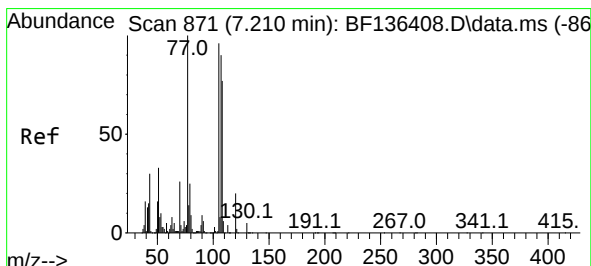
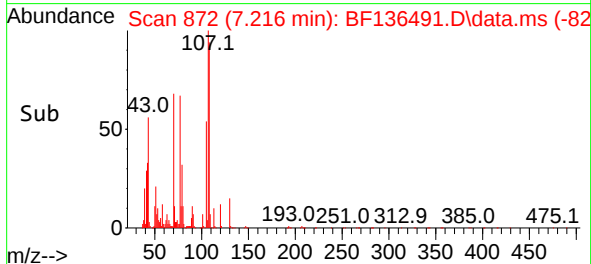
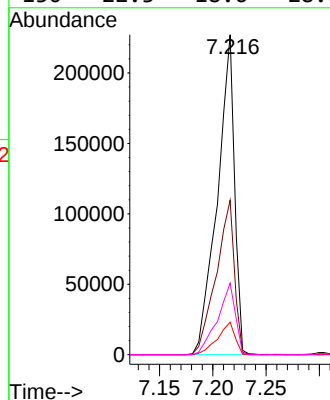
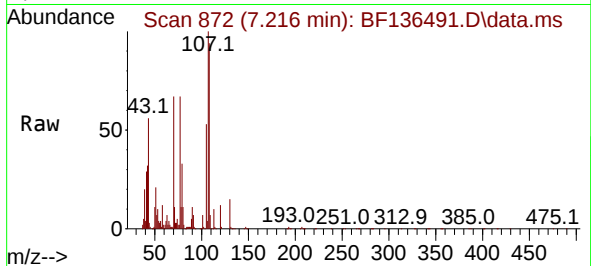




#19
n-Nitroso-di-n-propylamine
Concen: 39.693 ng
RT: 7.216 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

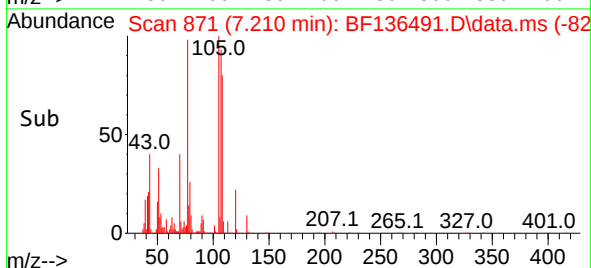
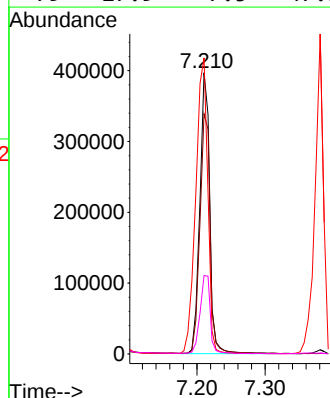
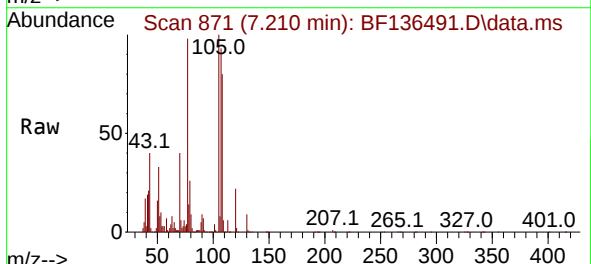
Instrument :
BNA_F
ClientSampleId :
PB157390BSD

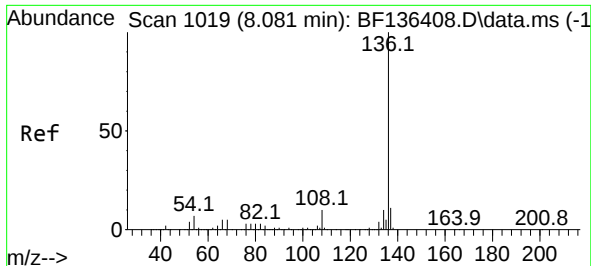
Tgt Ion: 70 Resp: 253651
Ion Ratio Lower Upper
70 100
42 48.2 41.4 62.0
101 10.2 8.2 12.4
130 22.3 18.6 28.0



#20
3+4-Methylphenols
Concen: 40.938 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

Tgt Ion: 107 Resp: 397921
Ion Ratio Lower Upper
107 100
108 85.4 65.9 105.9
77 105.2 91.7 131.7
79 27.9 7.5 47.5

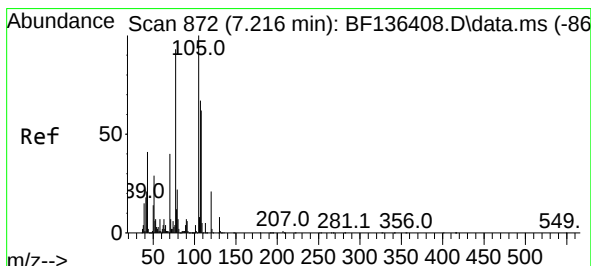
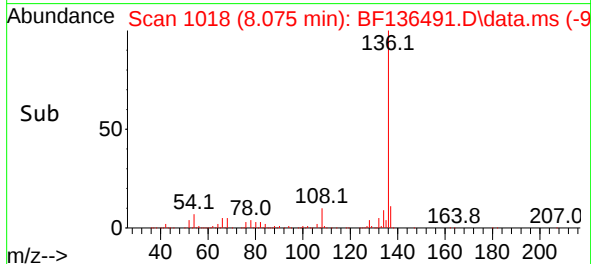
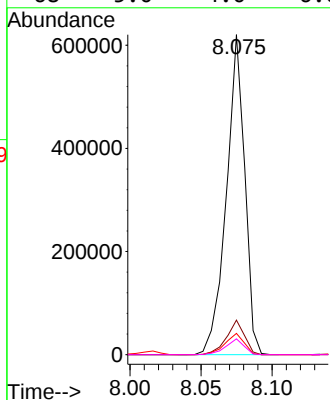
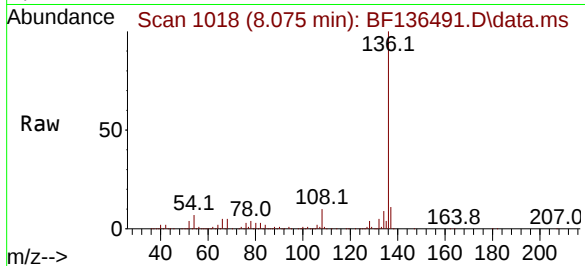




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

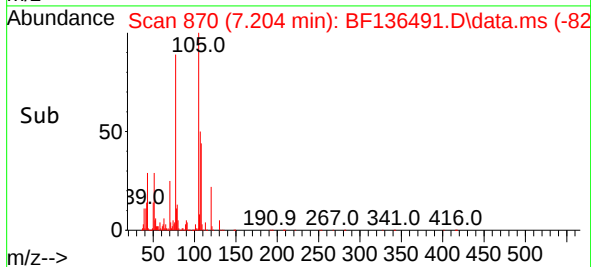
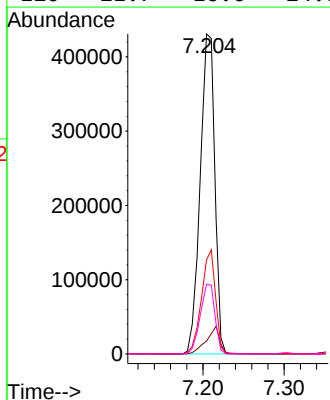
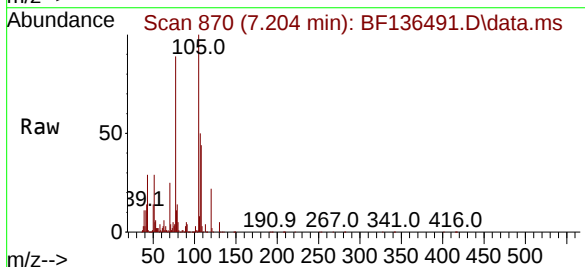
Instrument :
BNA_F
ClientSampleId :
PB157390BSD

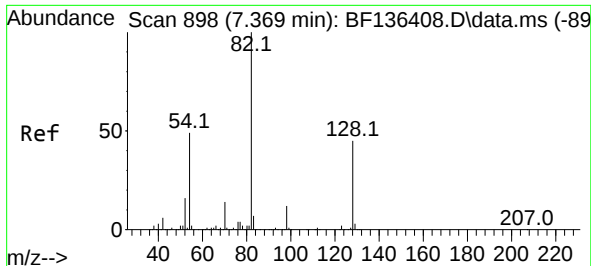
Tgt Ion:136 Resp: 558601
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 6.7 5.7 8.5
68 5.0 4.0 6.0



#22
Acetophenone
Concen: 39.082 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.012 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

Tgt Ion:105 Resp: 539099
Ion Ratio Lower Upper
105 100
71 4.0 5.4 8.0#
51 29.4 23.4 35.2
120 21.7 16.6 24.8





#23

Nitrobenzene-d5

Concen: 73.228 ng

RT: 7.363 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF136491.D

Acq: 11 Dec 2023 15:31

Instrument :

BNA_F

ClientSampleId :

PB157390BSD

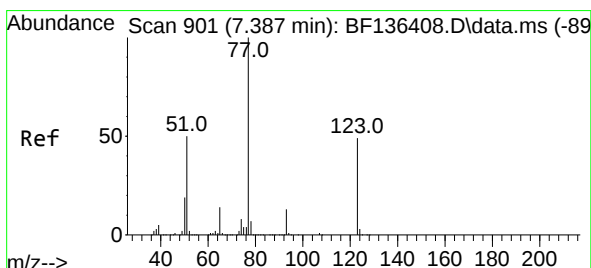
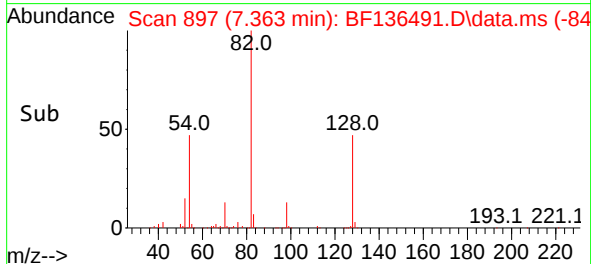
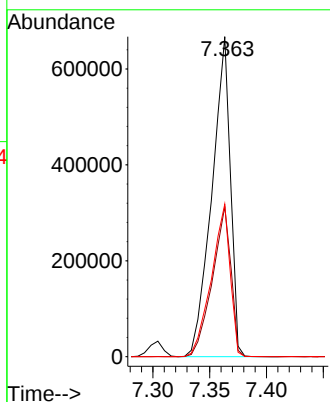
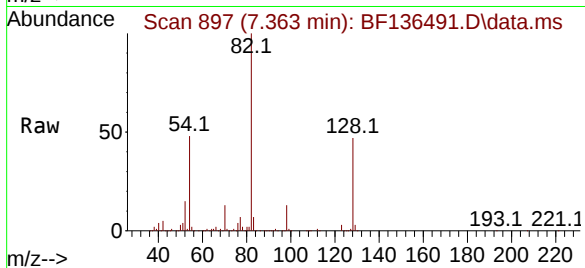
Tgt Ion: 82 Resp: 756655

Ion Ratio Lower Upper

82 100

128 46.9 36.3 54.5

54 47.7 39.0 58.6



#24

Nitrobenzene

Concen: 37.097 ng

RT: 7.381 min Scan# 900

Delta R.T. -0.006 min

Lab File: BF136491.D

Acq: 11 Dec 2023 15:31

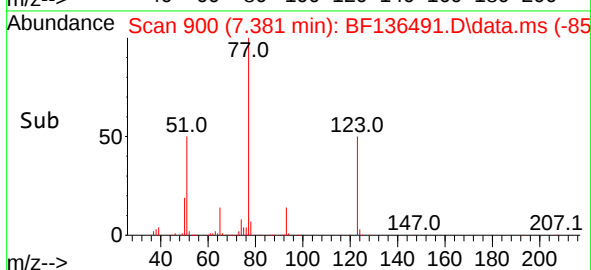
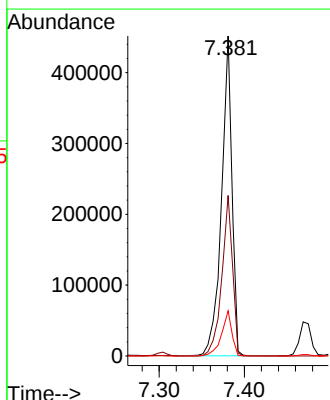
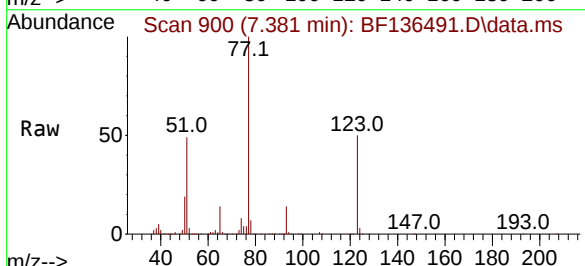
Tgt Ion: 77 Resp: 385613

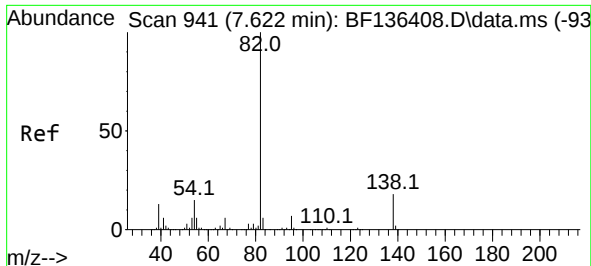
Ion Ratio Lower Upper

77 100

123 50.2 39.0 58.6

65 14.1 11.3 16.9

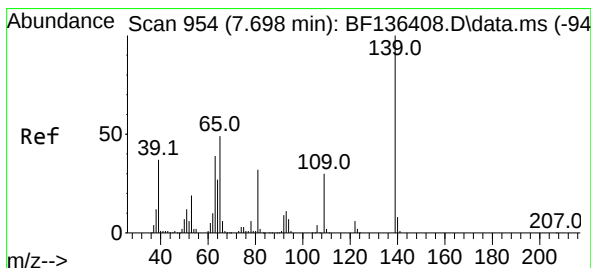
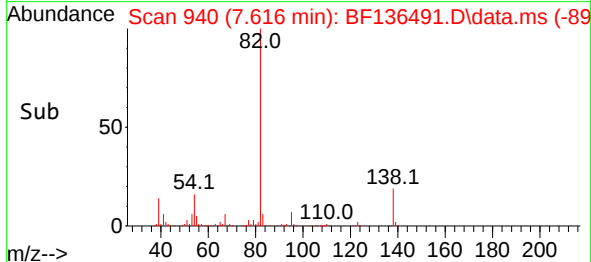
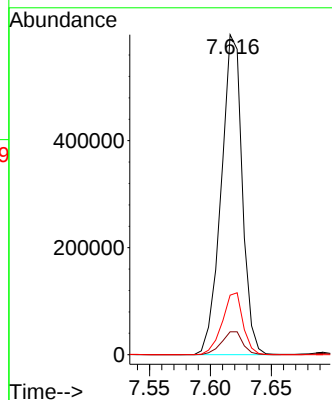
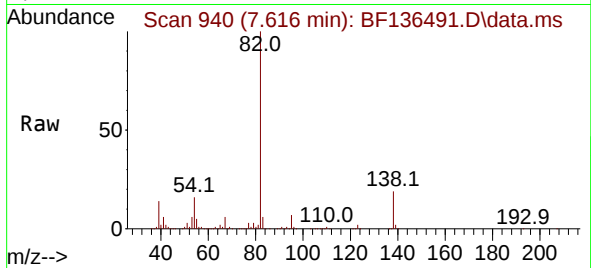




#25
Isophorone
Concen: 38.761 ng
RT: 7.616 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

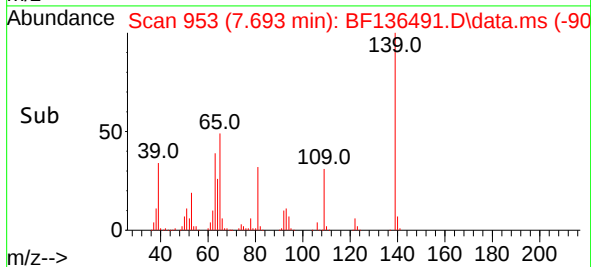
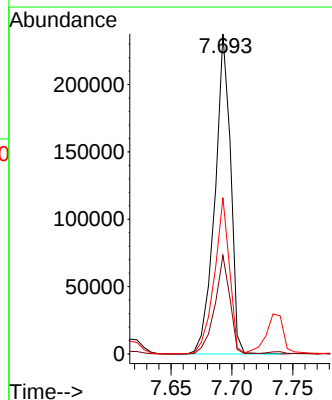
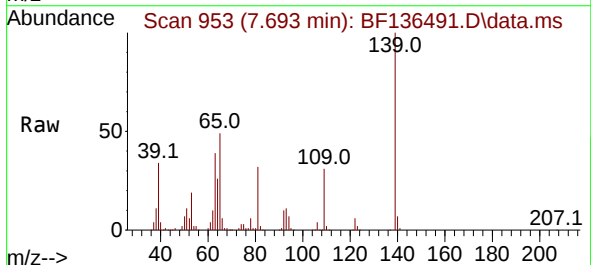
Instrument :
BNA_F
ClientSampleId :
PB157390BSD

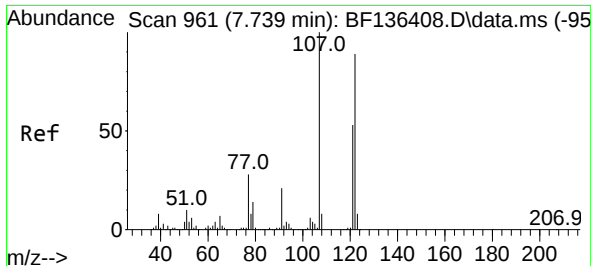
Tgt Ion: 82 Resp: 719567
Ion Ratio Lower Upper
82 100
95 7.2 5.7 8.5
138 18.6 14.5 21.7



#26
2-Nitrophenol
Concen: 41.582 ng
RT: 7.693 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

Tgt Ion:139 Resp: 212494
Ion Ratio Lower Upper
139 100
109 30.8 23.6 35.4
65 48.9 39.4 59.2





#27

2,4-Dimethylphenol

Concen: 52.096 ng

RT: 7.740 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF136491.D

Acq: 11 Dec 2023 15:31

Instrument :

BNA_F

ClientSampleId :

PB157390BSD

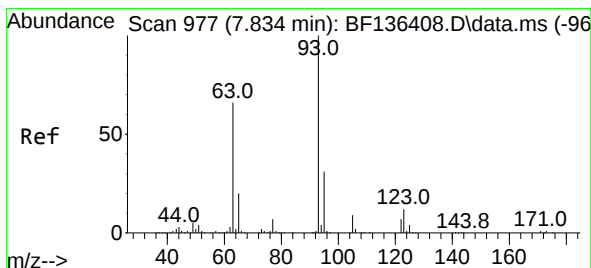
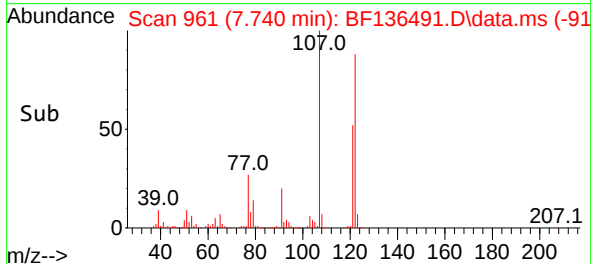
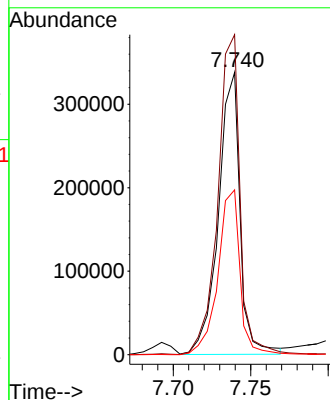
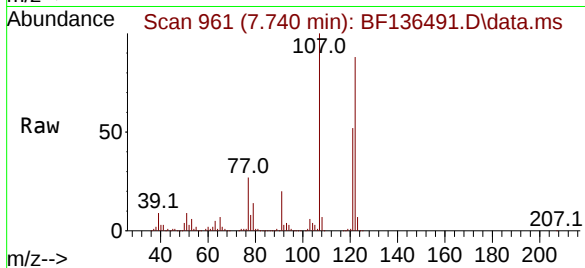
Tgt Ion:122 Resp: 328267

Ion Ratio Lower Upper

122 100

107 113.4 89.3 133.9

121 58.4 47.6 71.4



#28

bis(2-Chloroethoxy)methane

Concen: 38.788 ng

RT: 7.828 min Scan# 976

Delta R.T. -0.006 min

Lab File: BF136491.D

Acq: 11 Dec 2023 15:31

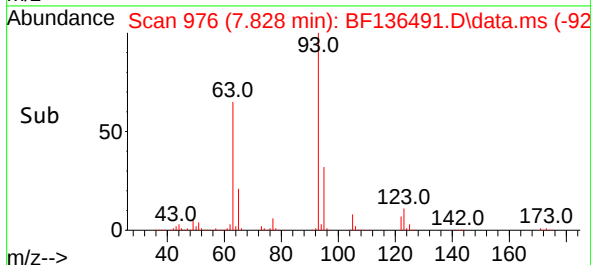
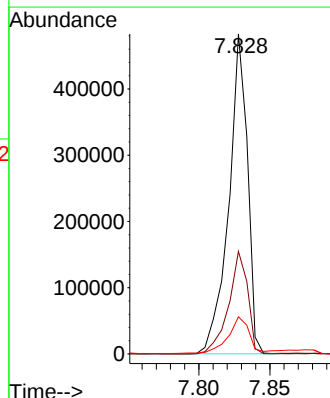
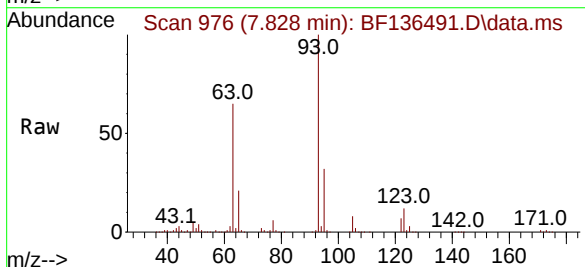
Tgt Ion: 93 Resp: 442470

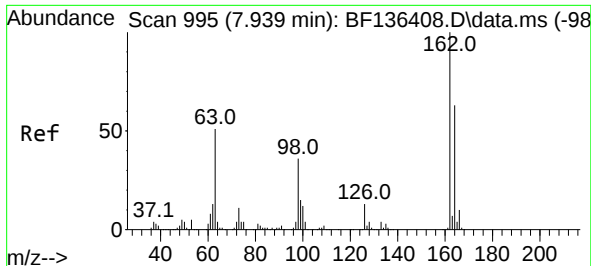
Ion Ratio Lower Upper

93 100

95 32.1 25.0 37.4

123 11.6 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 41.259 ng

RT: 7.940 min Scan# 995

Delta R.T. 0.000 min

Lab File: BF136491.D

Acq: 11 Dec 2023 15:31

Instrument :

BNA_F

ClientSampleId :

PB157390BSD

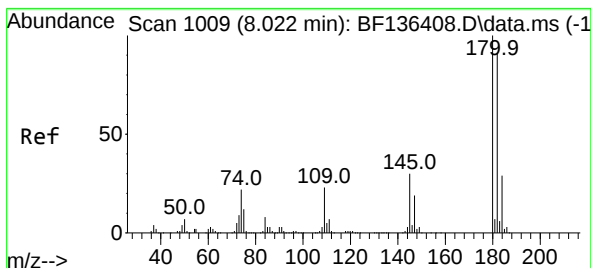
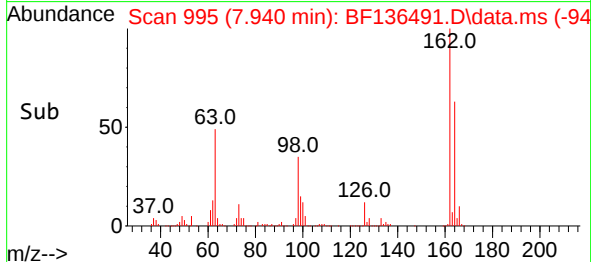
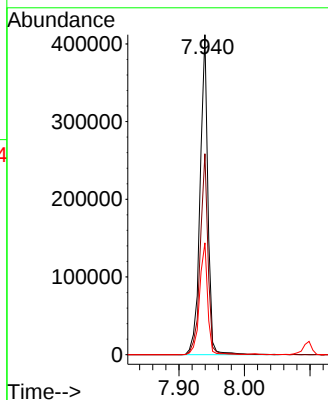
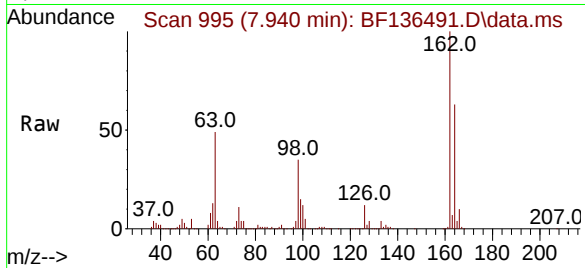
Tgt Ion:162 Resp: 343163

Ion Ratio Lower Upper

162 100

164 62.8 43.0 83.0

98 35.0 16.2 56.2



#30

1,2,4-Trichlorobenzene

Concen: 38.067 ng

RT: 8.016 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF136491.D

Acq: 11 Dec 2023 15:31

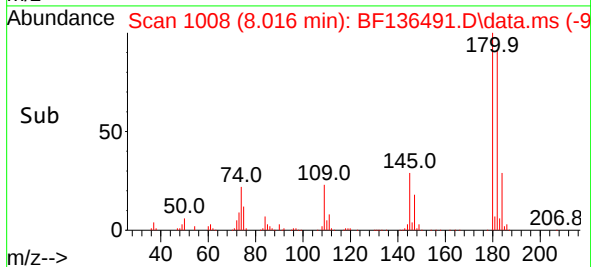
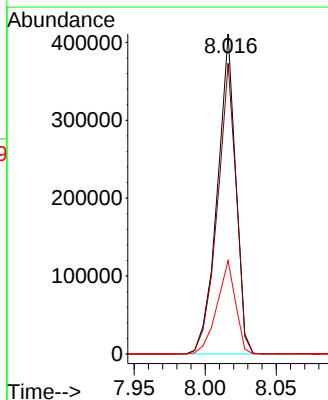
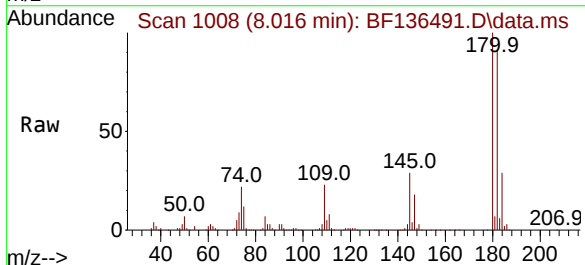
Tgt Ion:180 Resp: 369191

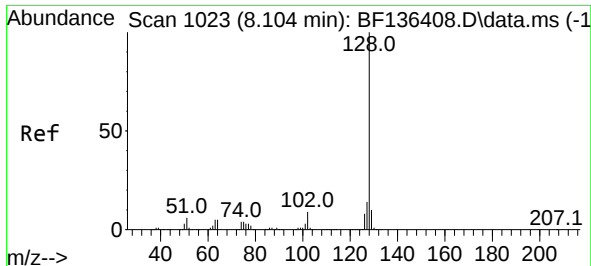
Ion Ratio Lower Upper

180 100

182 90.8 73.1 109.7

145 29.2 23.8 35.8

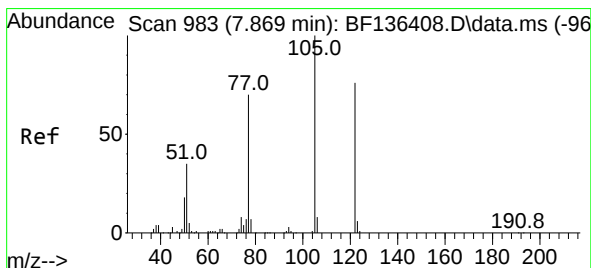
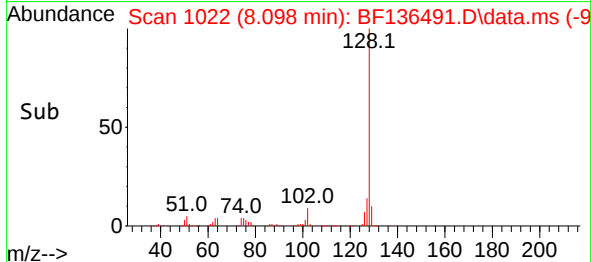
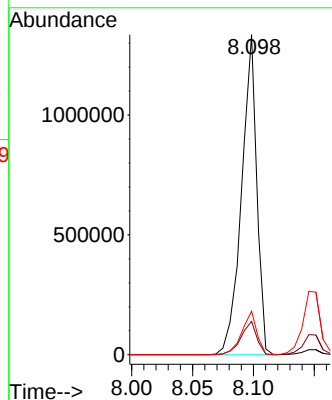
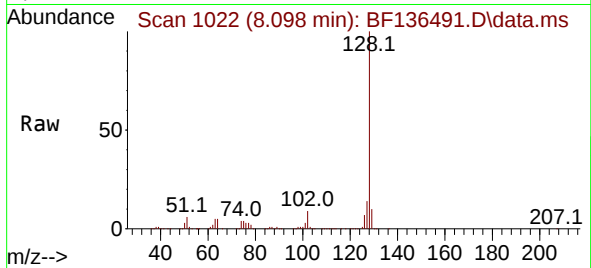




#31
Naphthalene
Concen: 37.772 ng
RT: 8.098 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

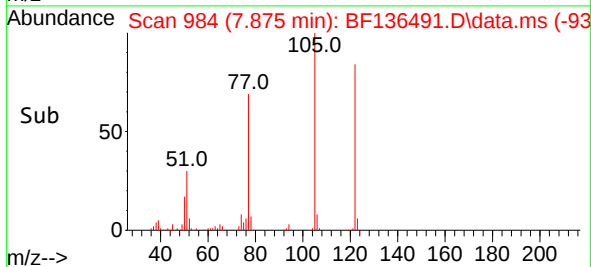
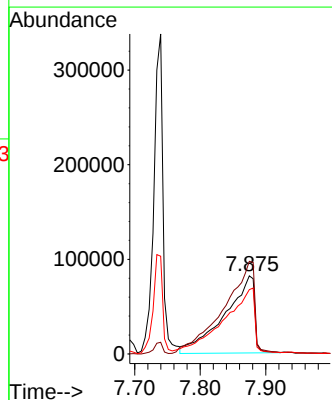
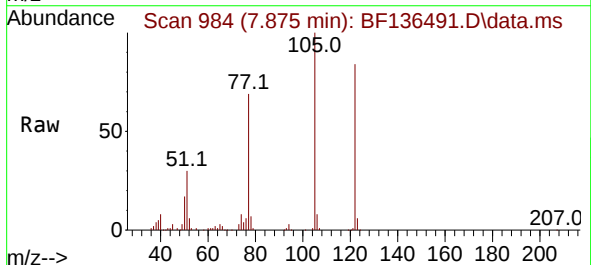
Instrument :
BNA_F
ClientSampleId :
PB157390BSD

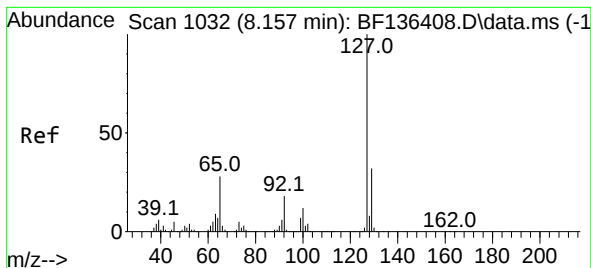
Tgt Ion:128 Resp: 1163560
Ion Ratio Lower Upper
128 100
129 10.4 8.3 12.5
127 13.6 11.1 16.7



#32
Benzoic acid
Concen: 41.159 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.006 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

Tgt Ion:122 Resp: 257282
Ion Ratio Lower Upper
122 100
105 118.7 104.7 144.7
77 82.4 68.5 108.5





#33

4-Chloroaniline

Concen: 25.154 ng

RT: 8.145 min Scan# 1030

Delta R.T. -0.012 min

Lab File: BF136491.D

Acq: 11 Dec 2023 15:31

Instrument :

BNA_F

ClientSampleId :

PB157390BSD

Tgt Ion:127 Resp: 276241

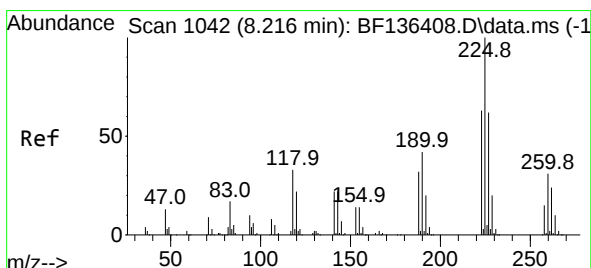
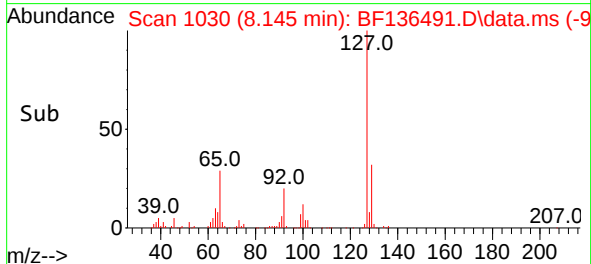
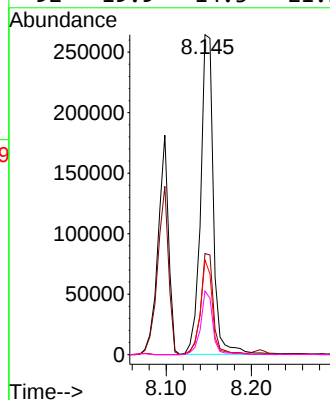
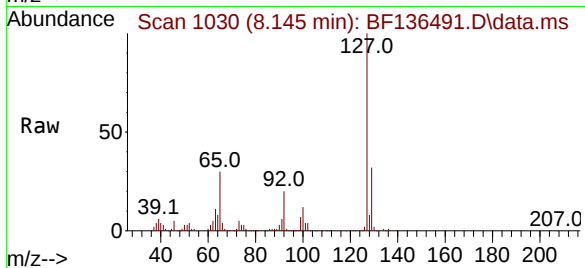
Ion Ratio Lower Upper

127 100

129 31.6 25.4 38.2

65 29.6 22.5 33.7

92 19.9 14.3 21.5



#34

Hexachlorobutadiene

Concen: 35.933 ng

RT: 8.210 min Scan# 1041

Delta R.T. -0.006 min

Lab File: BF136491.D

Acq: 11 Dec 2023 15:31

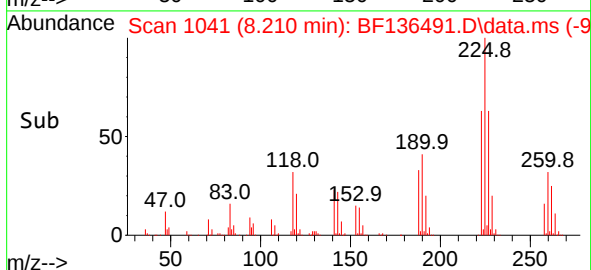
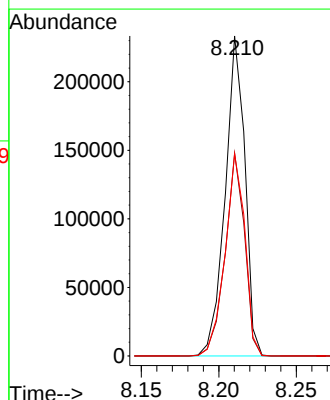
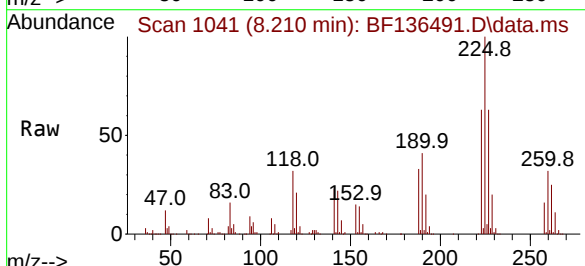
Tgt Ion:225 Resp: 206535

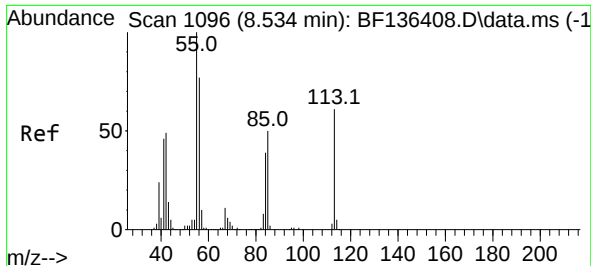
Ion Ratio Lower Upper

225 100

223 63.4 50.8 76.2

227 63.2 49.8 74.8

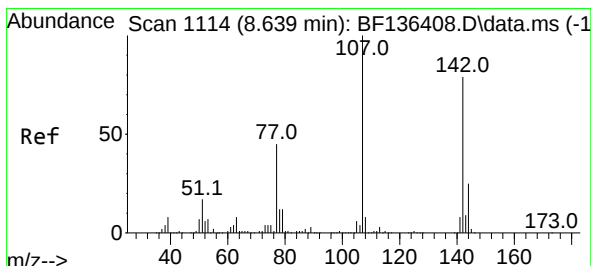
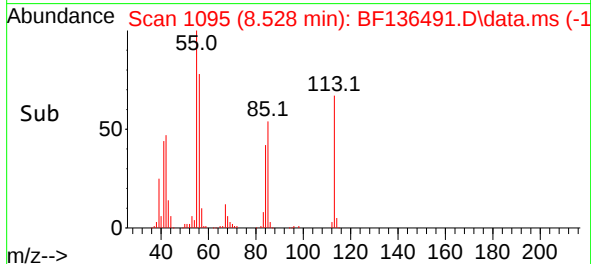
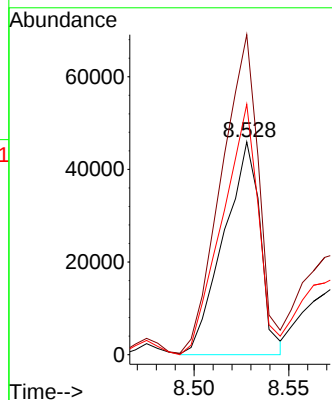
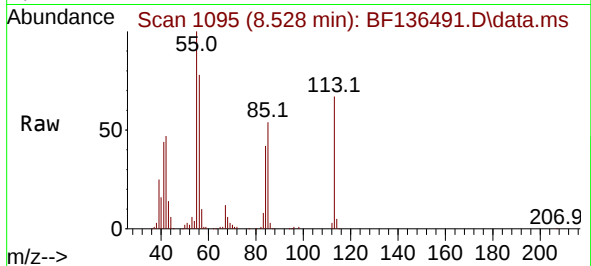




#35
Caprolactam
Concen: 24.108 ng
RT: 8.528 min Scan# 1095
Delta R.T. -0.006 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

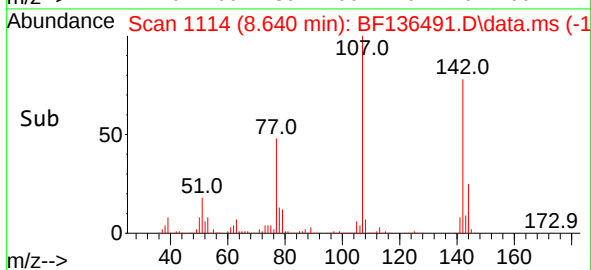
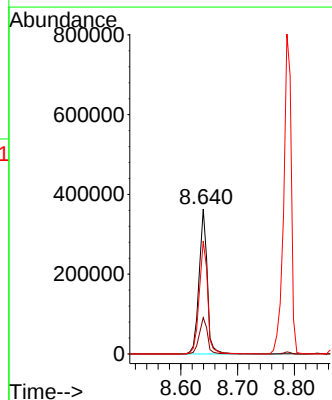
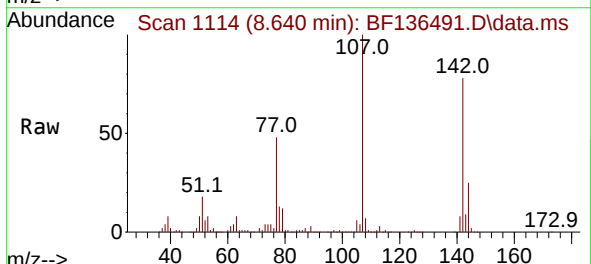
Instrument :
BNA_F
ClientSampleId :
PB157390BSD

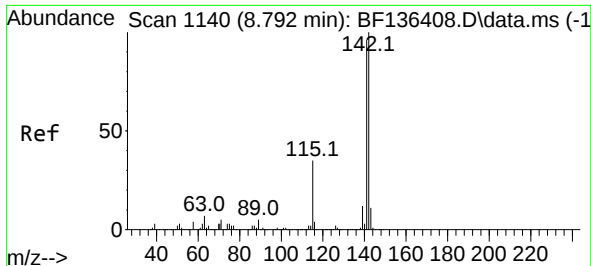
Tgt Ion:113 Resp: 61749
Ion Ratio Lower Upper
113 100
55 150.4 143.7 183.7
56 117.7 105.2 145.2



#36
4-Chloro-3-methylphenol
Concen: 41.434 ng
RT: 8.640 min Scan# 1114
Delta R.T. 0.000 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

Tgt Ion:107 Resp: 365909
Ion Ratio Lower Upper
107 100
144 25.0 20.1 30.1
142 77.8 63.1 94.7

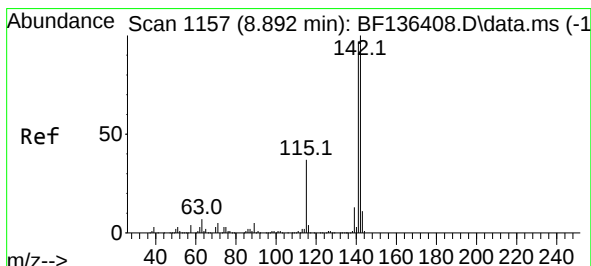
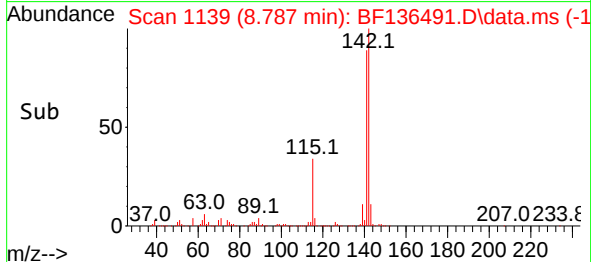
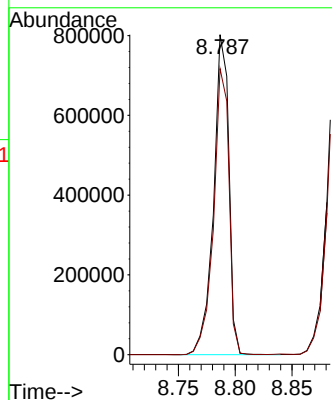
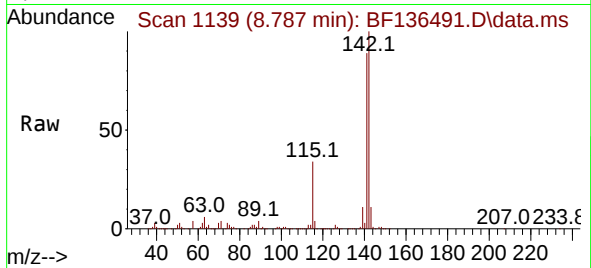




#37
2-Methylnaphthalene
Concen: 38.305 ng
RT: 8.787 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

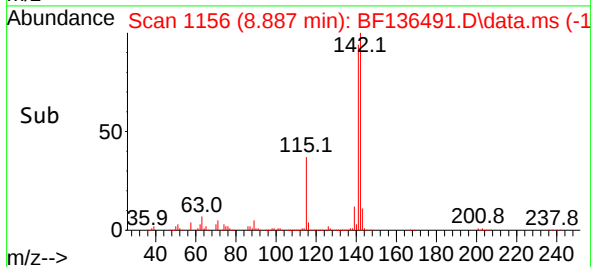
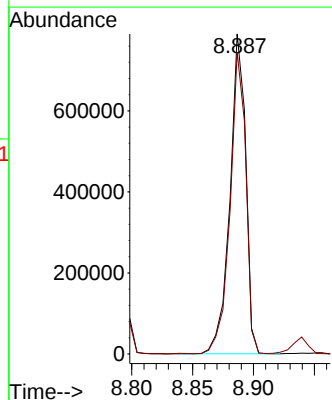
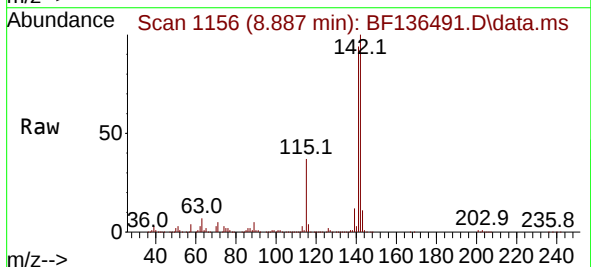
Instrument :
BNA_F
ClientSampleId :
PB157390BSD

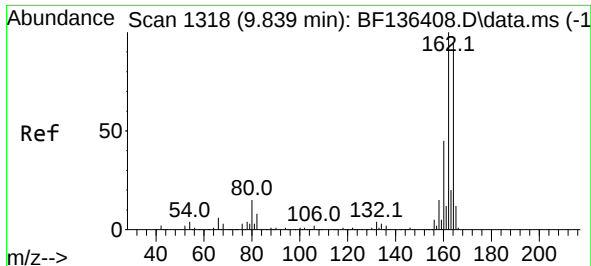
Tgt Ion:142 Resp: 750676
Ion Ratio Lower Upper
142 100
141 89.4 76.4 114.6



#38
1-Methylnaphthalene
Concen: 37.054 ng
RT: 8.887 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

Tgt Ion:142 Resp: 712569
Ion Ratio Lower Upper
142 100
141 94.3 77.7 116.5

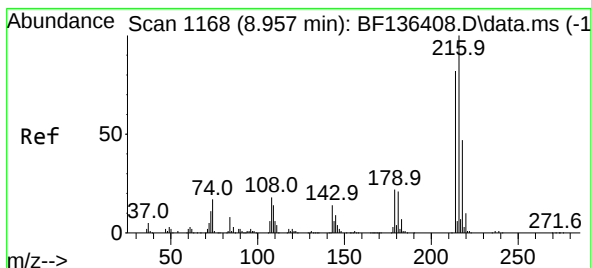
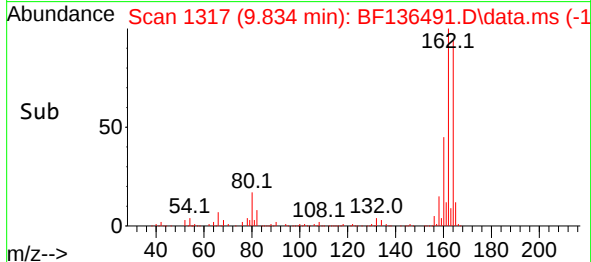
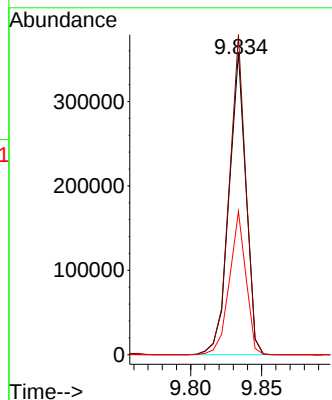
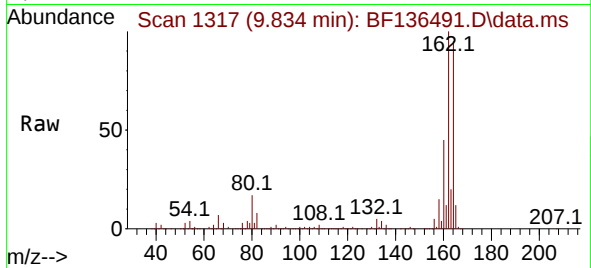




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.834 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

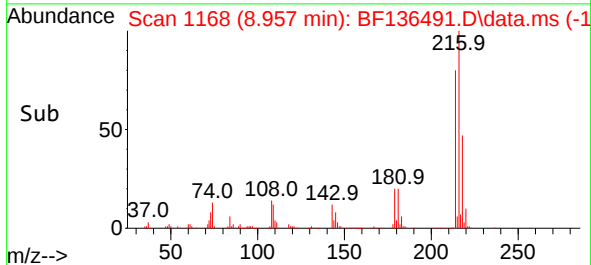
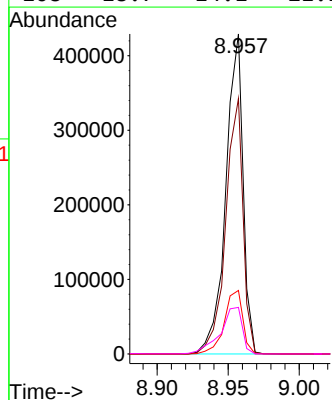
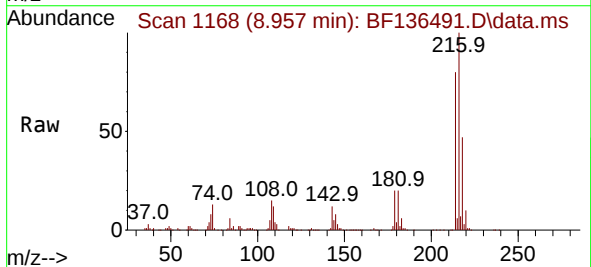
Instrument :
BNA_F
ClientSampleId :
PB157390BSD

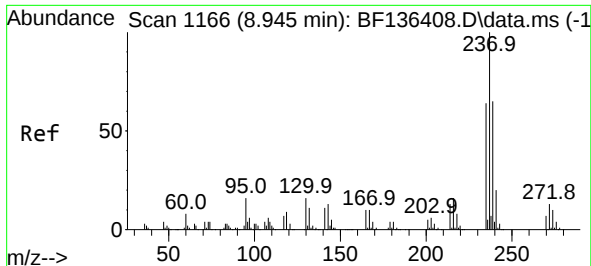
Tgt Ion:164 Resp: 296819
Ion Ratio Lower Upper
164 100
162 105.8 84.4 126.6
160 47.4 37.6 56.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.289 ng
RT: 8.957 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

Tgt Ion:216 Resp: 362814
Ion Ratio Lower Upper
216 100
214 80.1 64.1 96.1
179 21.2 17.0 25.6
108 18.7 14.1 21.1

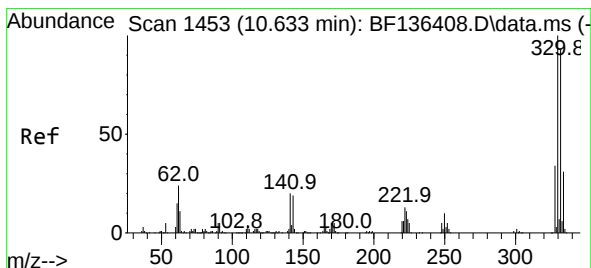
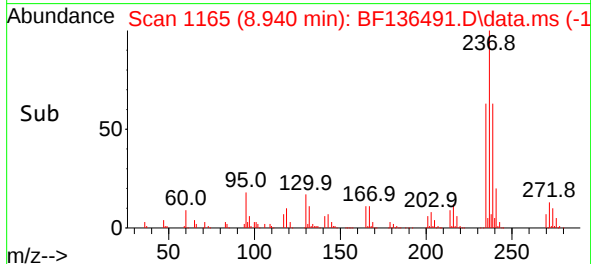
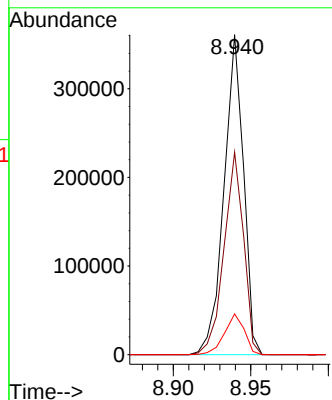
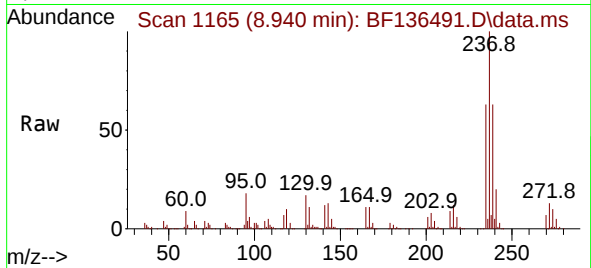




#41
Hexachlorocyclopentadiene
Concen: 92.339 ng
RT: 8.940 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

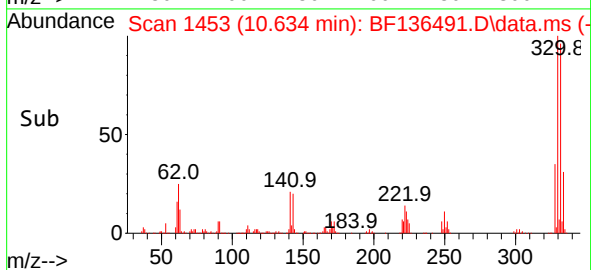
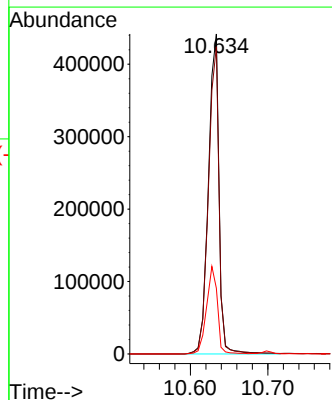
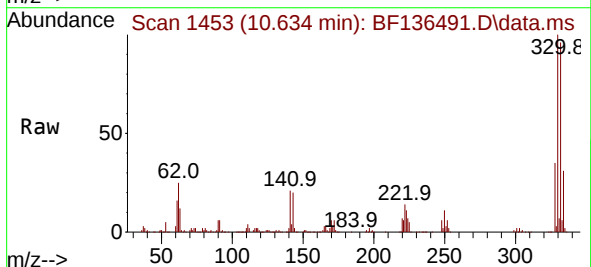
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BNA_F
ClientSampleId :
PB157390BSD

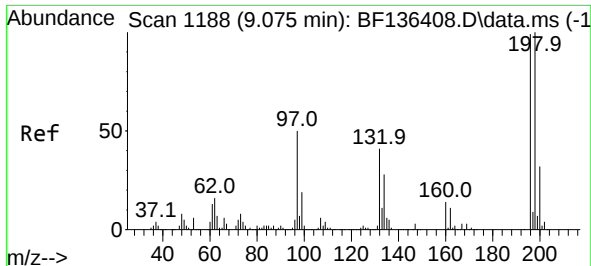
Tgt Ion:237 Resp: 315904
Ion Ratio Lower Upper
237 100
235 63.3 44.1 84.1
272 12.7 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 114.956 ng
RT: 10.634 min Scan# 1453
Delta R.T. 0.000 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

Tgt Ion:330 Resp: 420715
Ion Ratio Lower Upper
330 100
332 96.5 76.4 114.6
141 27.9 23.4 35.2

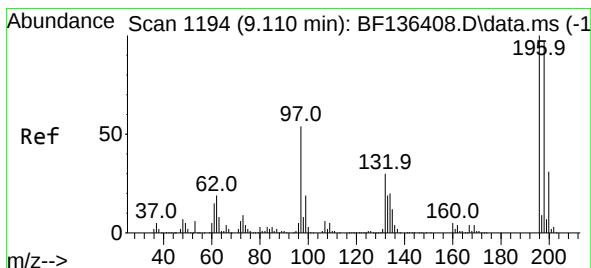
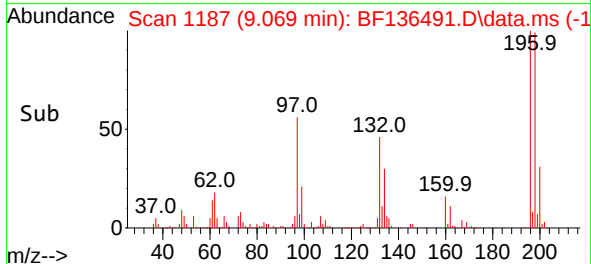
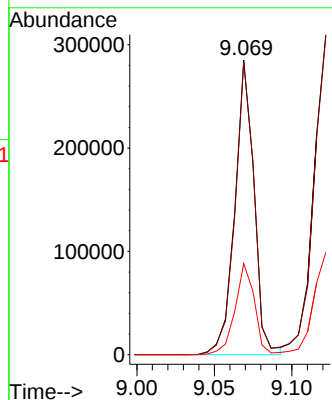
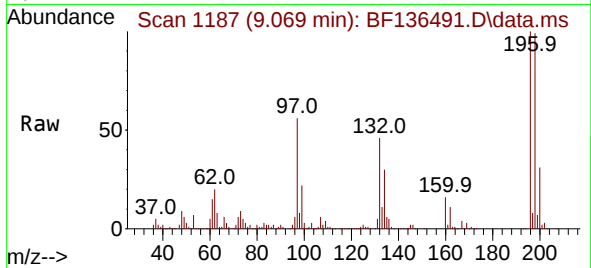




#43
 2,4,6-Trichlorophenol
 Concen: 40.817 ng
 RT: 9.069 min Scan# 1187
 Delta R.T. -0.006 min
 Lab File: BF136491.D
 Acq: 11 Dec 2023 15:31

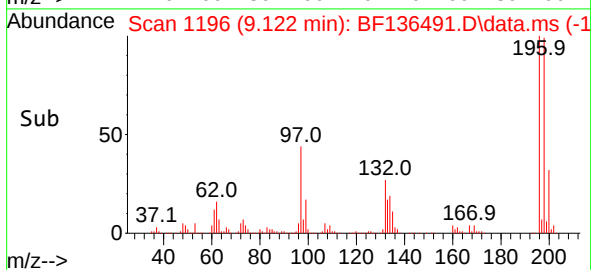
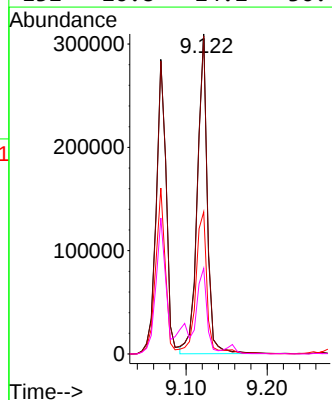
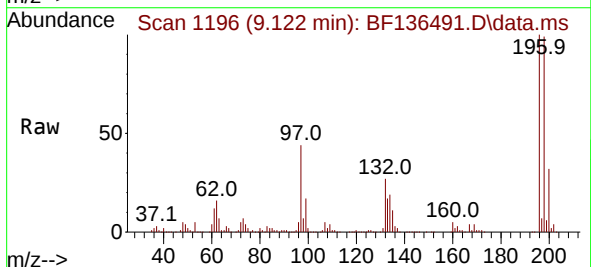
Instrument :
 BNA_F
 ClientSampleId :
 PB157390BSD

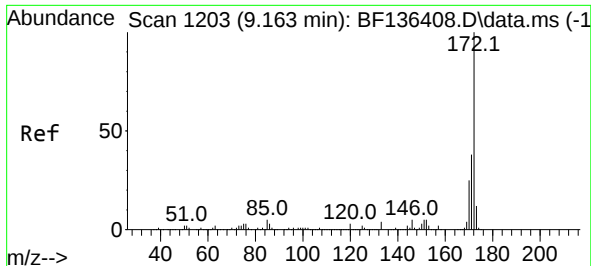
Tgt Ion:196 Resp: 245426
 Ion Ratio Lower Upper
 196 100
 198 99.4 80.4 120.6
 200 30.9 25.9 38.9



#44
 2,4,5-Trichlorophenol
 Concen: 39.606 ng
 RT: 9.122 min Scan# 1196
 Delta R.T. 0.012 min
 Lab File: BF136491.D
 Acq: 11 Dec 2023 15:31

Tgt Ion:196 Resp: 265791
 Ion Ratio Lower Upper
 196 100
 198 99.4 78.1 117.1
 97 44.4 43.4 65.2
 132 26.8 24.2 36.4

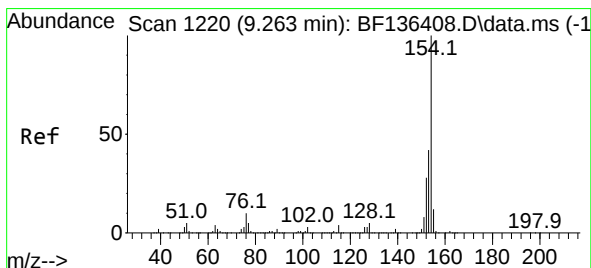
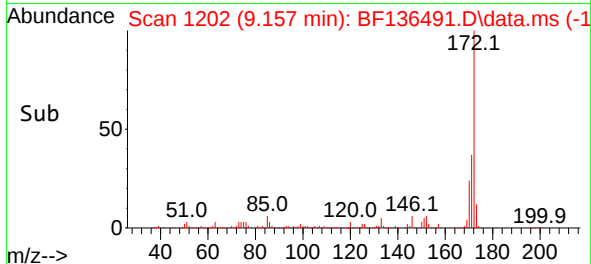
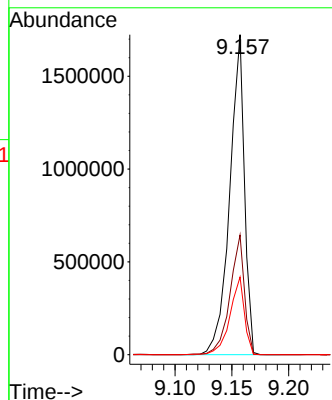
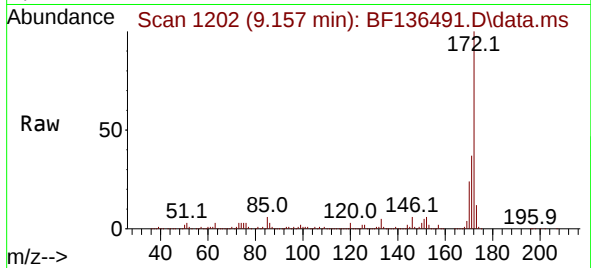




#45
2-Fluorobiphenyl
Concen: 71.400 ng
RT: 9.157 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

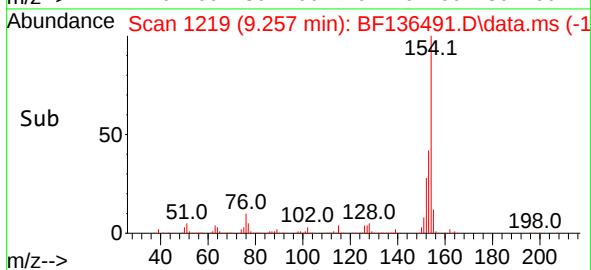
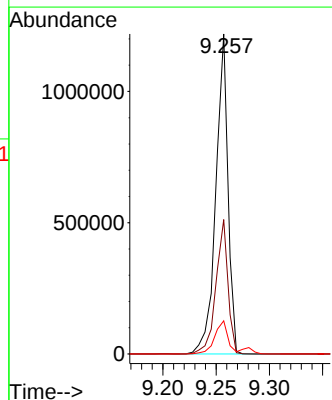
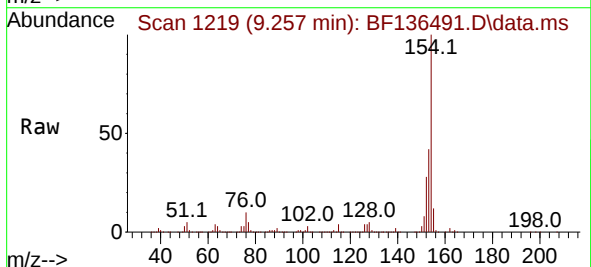
Instrument :
BNA_F
ClientSampleId :
PB157390BSD

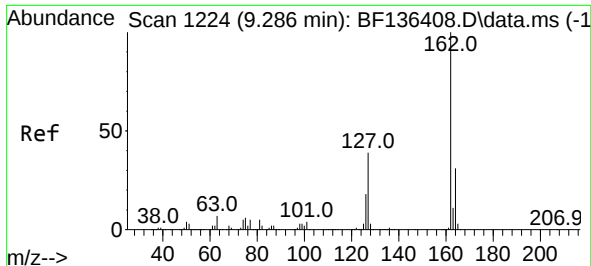
Tgt Ion:172 Resp: 1553153
Ion Ratio Lower Upper
172 100
171 37.4 30.5 45.7
170 24.3 19.9 29.9



#46
1,1'-Biphenyl
Concen: 38.139 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

Tgt Ion:154 Resp: 963255
Ion Ratio Lower Upper
154 100
153 42.0 22.5 62.5
76 10.4 0.0 29.9





#47

2-Chloronaphthalene

Concen: 37.708 ng

RT: 9.281 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136491.D

Acq: 11 Dec 2023 15:31

Instrument :

BNA_F

ClientSampleId :

PB157390BSD

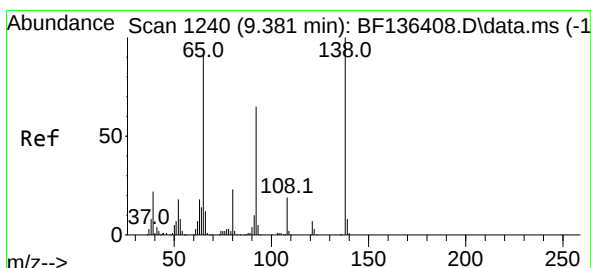
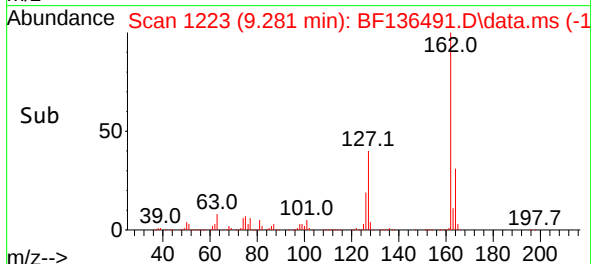
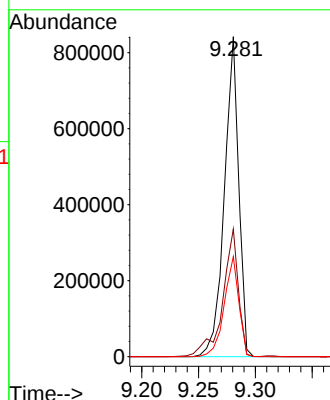
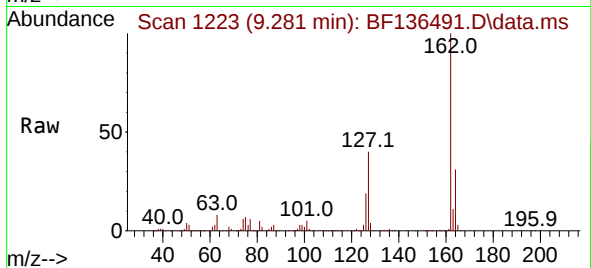
Tgt Ion:162 Resp: 741235

Ion Ratio Lower Upper

162 100

127 39.9 31.1 46.7

164 31.3 24.6 37.0



#48

2-Nitroaniline

Concen: 40.659 ng

RT: 9.381 min Scan# 1240

Delta R.T. 0.000 min

Lab File: BF136491.D

Acq: 11 Dec 2023 15:31

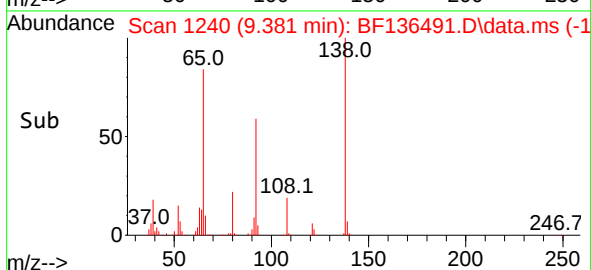
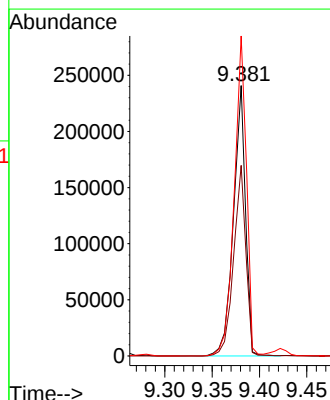
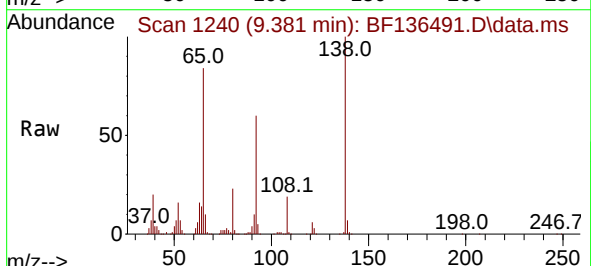
Tgt Ion: 65 Resp: 214363

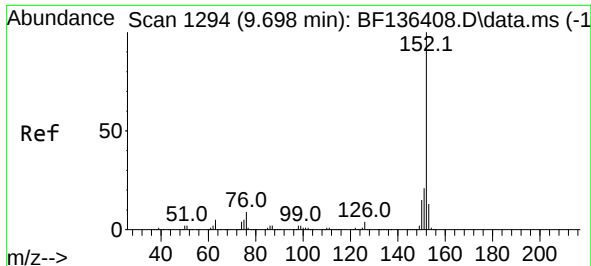
Ion Ratio Lower Upper

65 100

92 70.5 56.1 84.1

138 118.4 86.7 130.1

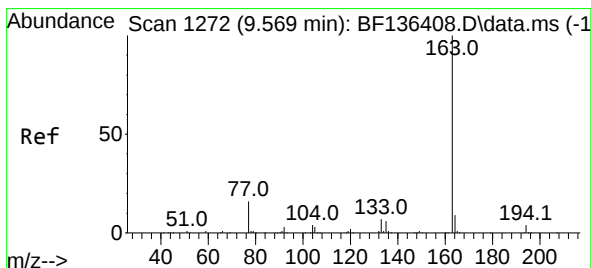
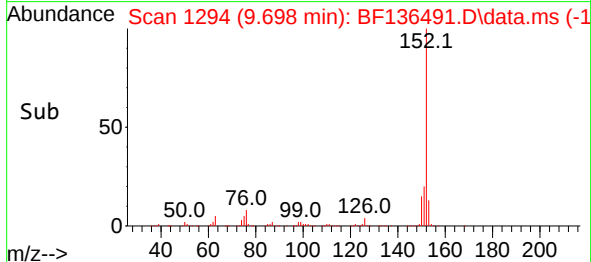
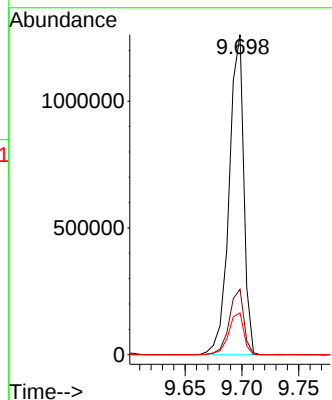
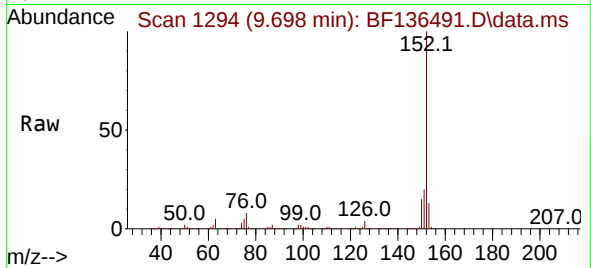




#49
Acenaphthylene
Concen: 40.297 ng
RT: 9.698 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

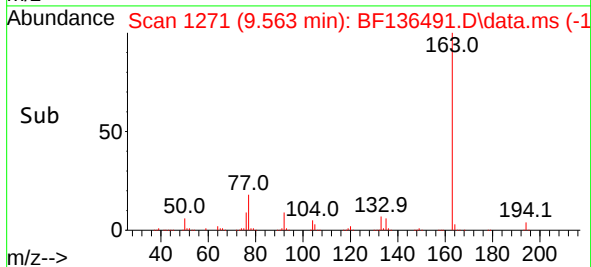
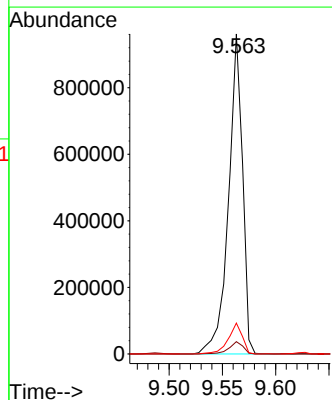
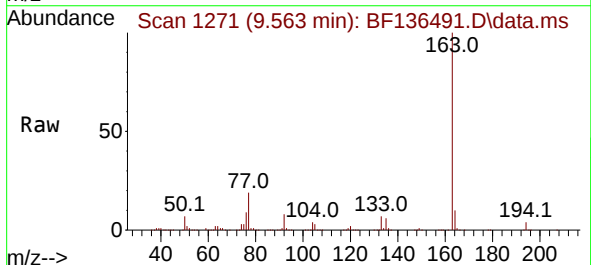
Instrument :
BNA_F
ClientSampleId :
PB157390BSD

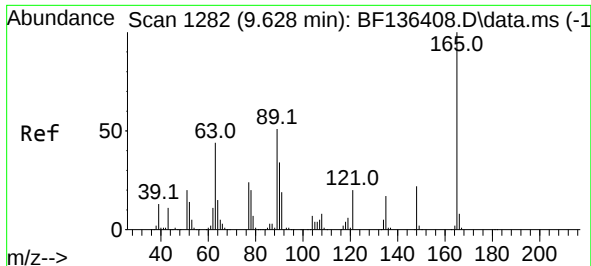
Tgt Ion:152 Resp: 1128430
Ion Ratio Lower Upper
152 100
151 20.4 17.2 25.8
153 13.1 10.6 15.8



#50
Dimethylphthalate
Concen: 40.162 ng
RT: 9.563 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

Tgt Ion:163 Resp: 877661
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 9.6 7.4 11.2

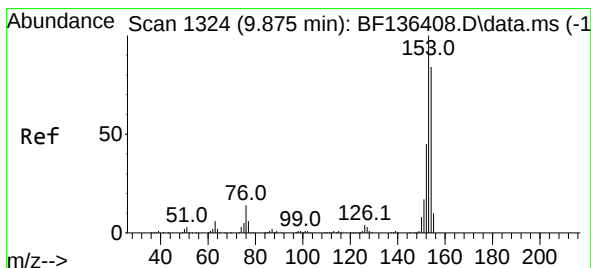
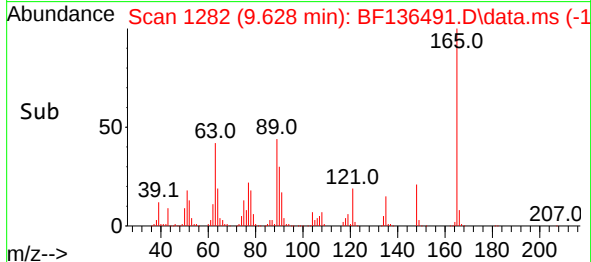
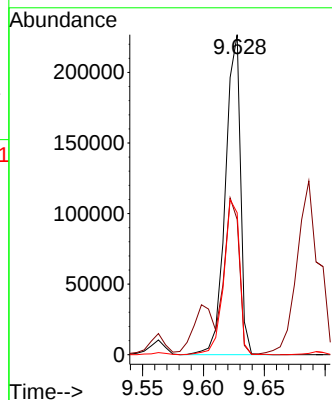
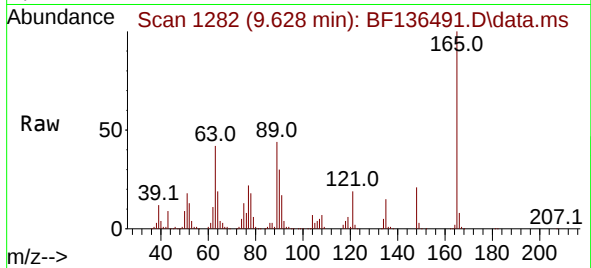




#51
2,6-Dinitrotoluene
Concen: 39.721 ng
RT: 9.628 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

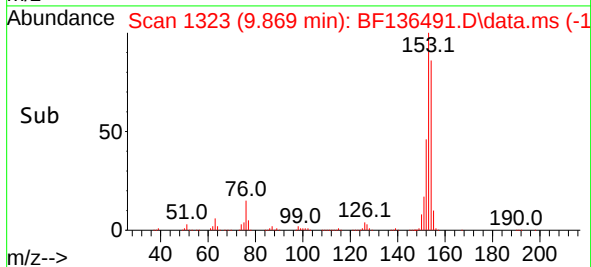
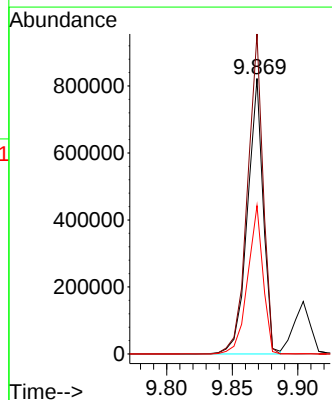
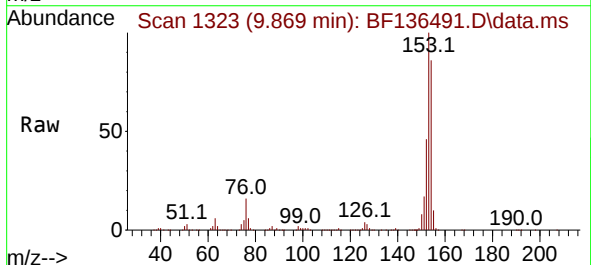
Instrument :
BNA_F
ClientSampleId :
PB157390BSD

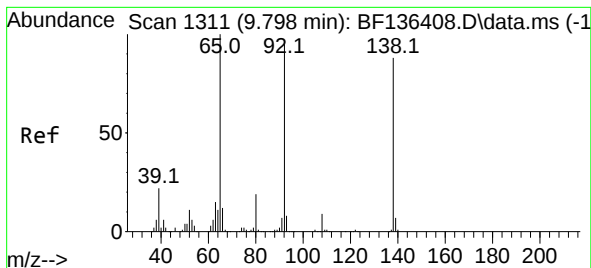
Tgt Ion:165 Resp: 195280
Ion Ratio Lower Upper
165 100
63 42.3 40.4 60.6
89 44.3 40.6 60.8



#52
Acenaphthene
Concen: 38.408 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

Tgt Ion:154 Resp: 689198
Ion Ratio Lower Upper
154 100
153 116.2 95.3 142.9
152 53.8 43.2 64.8





#53

3-Nitroaniline

Concen: 32.619 ng

RT: 9.792 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136491.D

Acq: 11 Dec 2023 15:31

Instrument :

BNA_F

ClientSampleId :

PB157390BSD

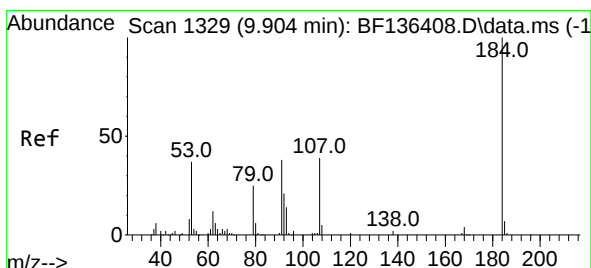
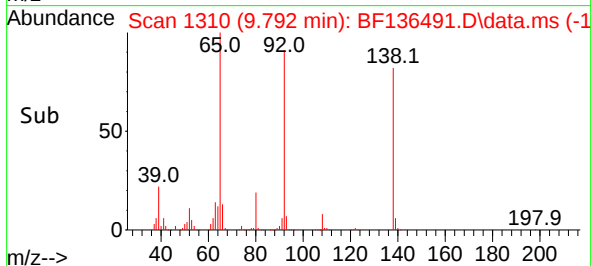
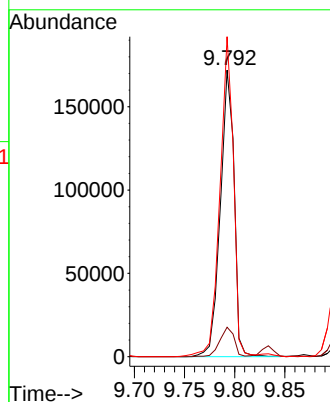
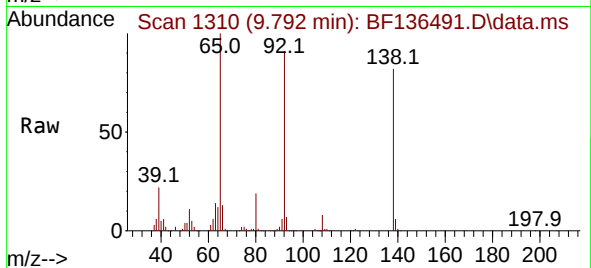
Tgt Ion:138 Resp: 163761

Ion Ratio Lower Upper

138 100

108 10.3 8.5 12.7

92 111.7 86.1 129.1



#54

2,4-Dinitrophenol

Concen: 88.628 ng

RT: 9.904 min Scan# 1329

Delta R.T. 0.000 min

Lab File: BF136491.D

Acq: 11 Dec 2023 15:31

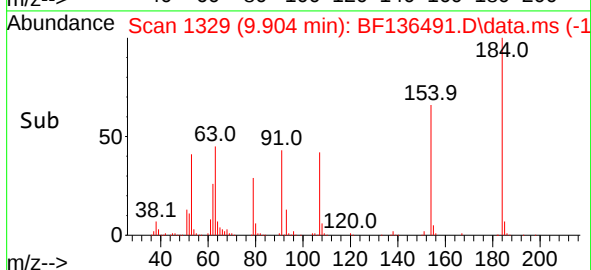
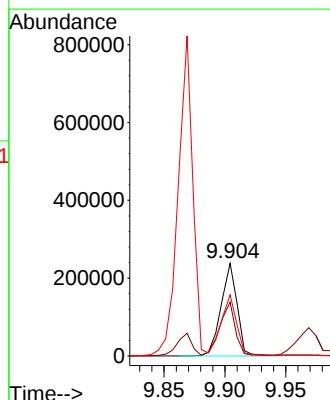
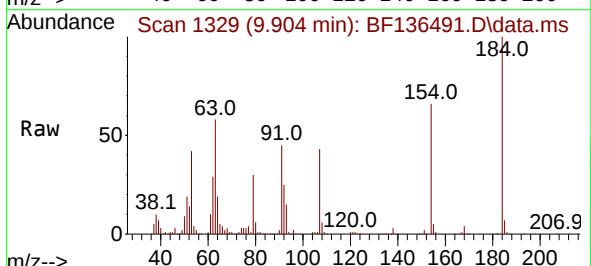
Tgt Ion:184 Resp: 220300

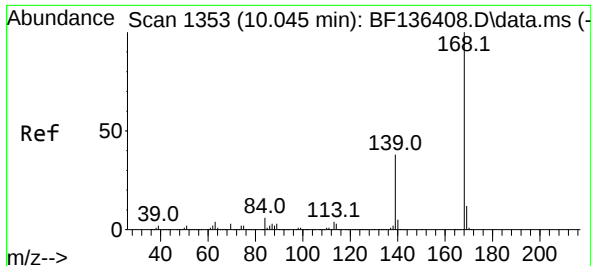
Ion Ratio Lower Upper

184 100

63 58.1 39.1 58.7

154 65.9 49.9 74.9

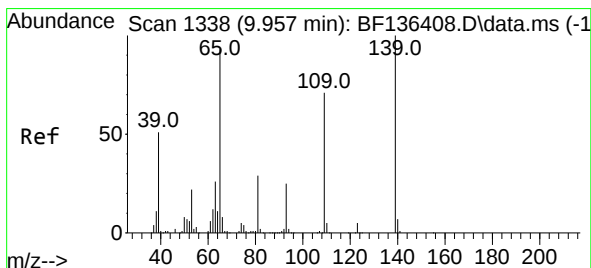
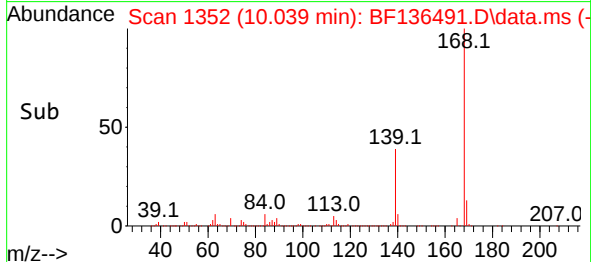
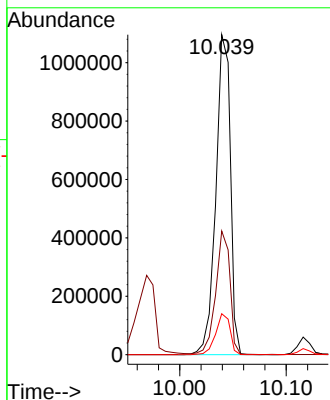
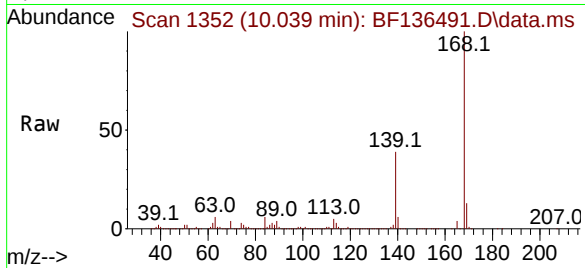




#55
Dibenzenofuran
Concen: 39.386 ng
RT: 10.039 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

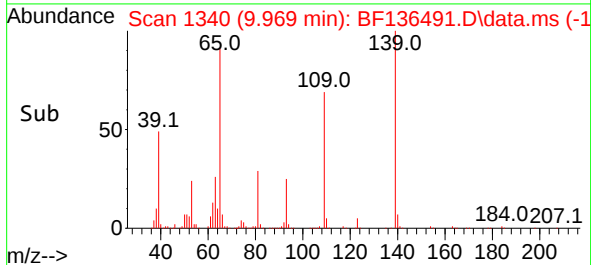
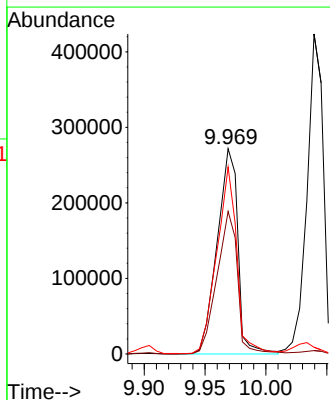
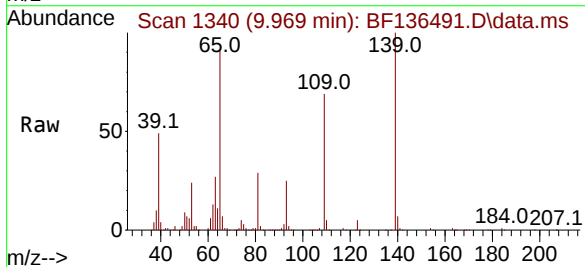
Instrument :
BNA_F
ClientSampleId :
PB157390BSD

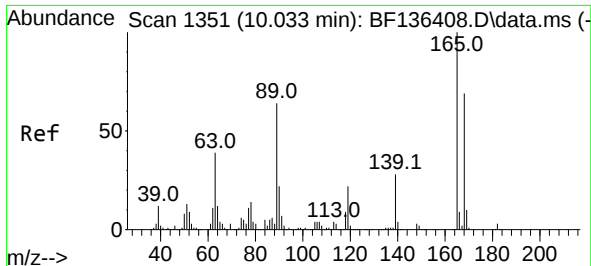
Tgt Ion:168 Resp: 1032476
Ion Ratio Lower Upper
168 100
139 38.7 30.4 45.6
169 12.8 9.9 14.9



#56
4-Nitrophenol
Concen: 85.618 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

Tgt Ion:139 Resp: 322223
Ion Ratio Lower Upper
139 100
109 69.5 50.6 90.6
65 91.0 73.1 113.1

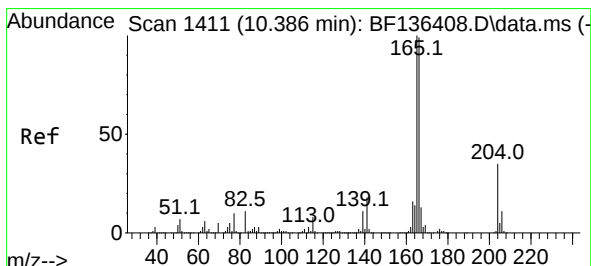
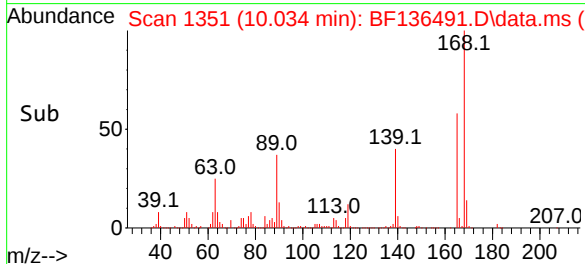
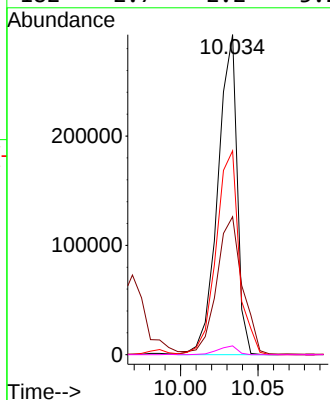
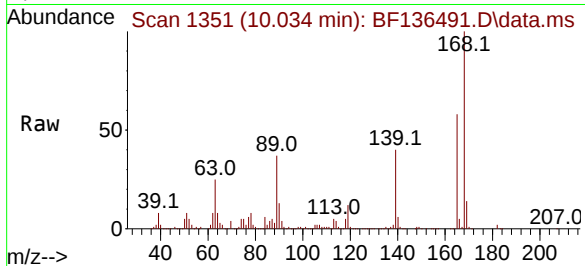




#57
2,4-Dinitrotoluene
Concen: 39.048 ng
RT: 10.034 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

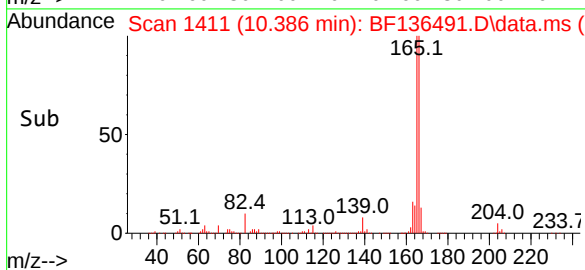
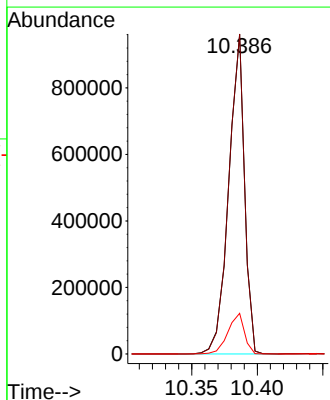
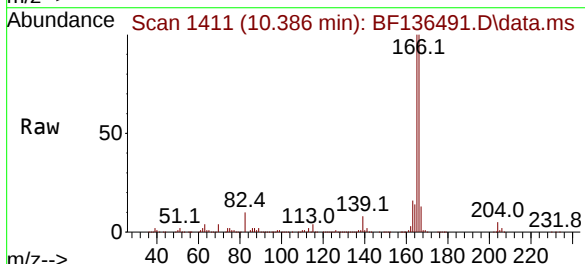
Instrument :
BNA_F
ClientSampleId :
PB157390BSD

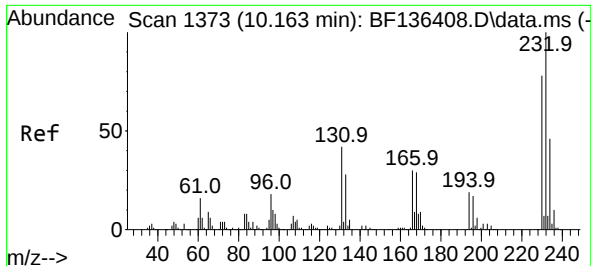
Tgt Ion:165 Resp: 253955
Ion Ratio Lower Upper
165 100
63 43.1 31.4 47.2
89 63.7 51.7 77.5
182 2.7 2.2 3.2



#58
Fluorene
Concen: 38.215 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

Tgt Ion:166 Resp: 804171
Ion Ratio Lower Upper
166 100
165 100.2 80.5 120.7
167 12.7 10.5 15.7

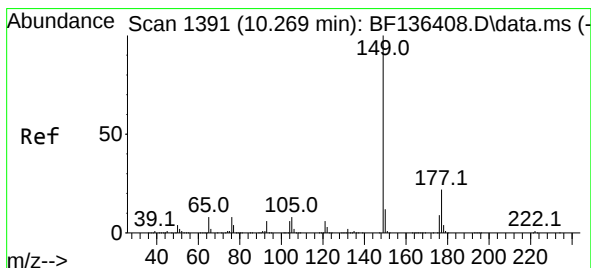
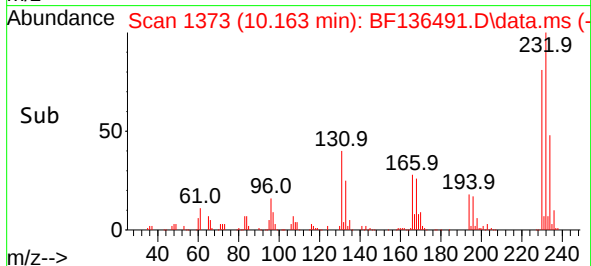
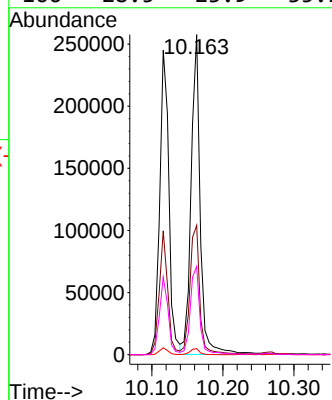
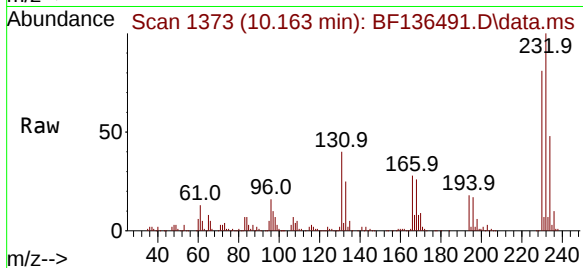




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.873 ng
RT: 10.163 min Scan# 1373
Delta R.T. 0.000 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

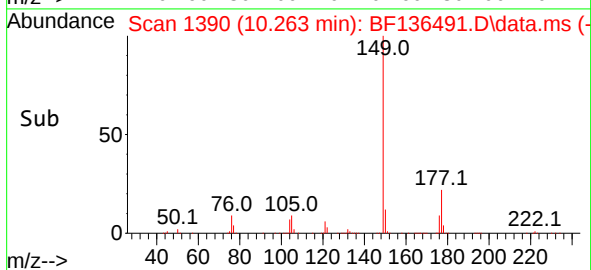
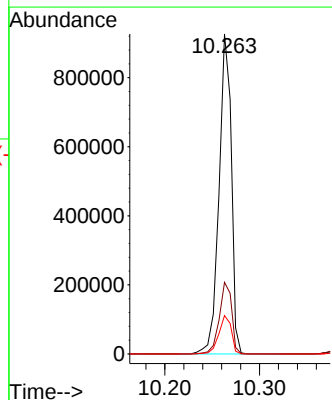
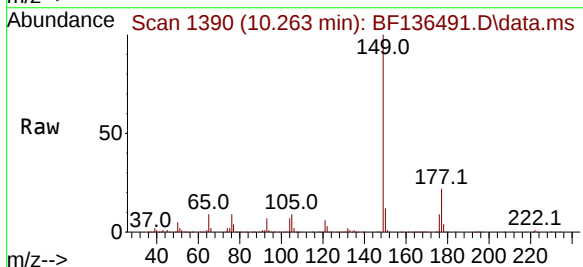
Instrument :
BNA_F
ClientSampleId :
PB157390BSD

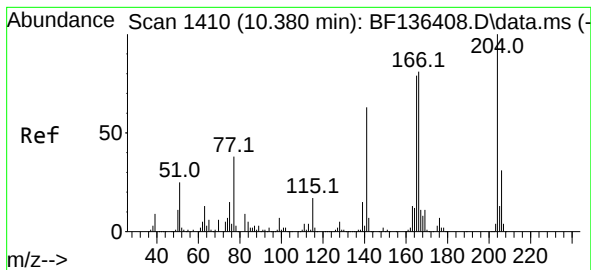
Tgt Ion:232 Resp: 230464
Ion Ratio Lower Upper
232 100
131 43.1 34.3 51.5
130 2.0 1.6 2.4
166 28.5 23.9 35.9



#60
Diethylphthalate
Concen: 38.871 ng
RT: 10.263 min Scan# 1390
Delta R.T. -0.006 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

Tgt Ion:149 Resp: 835286
Ion Ratio Lower Upper
149 100
177 22.4 17.8 26.8
150 12.0 9.4 14.0

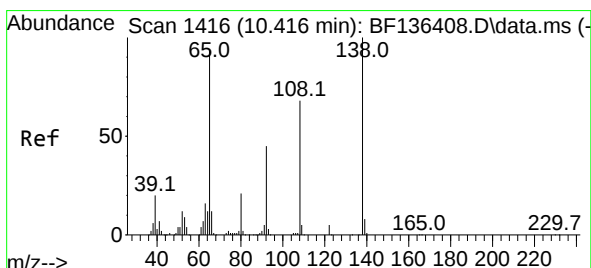
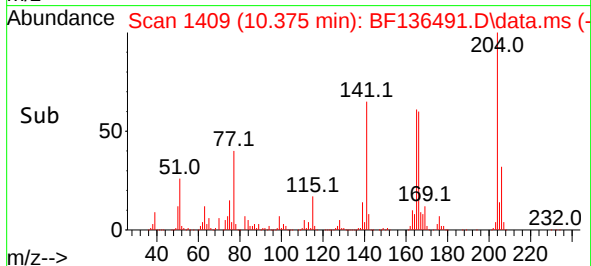
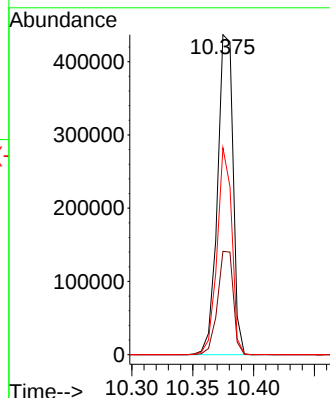
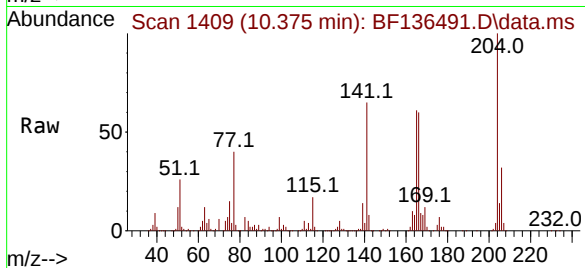




#61
4-Chlorophenyl-phenylether
Concen: 38.119 ng
RT: 10.375 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

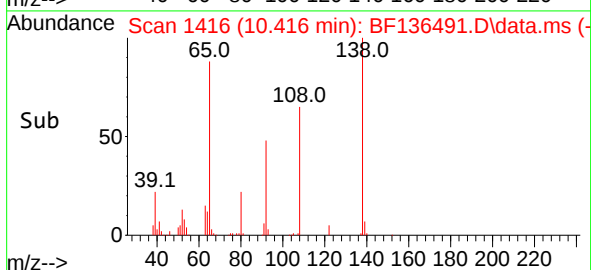
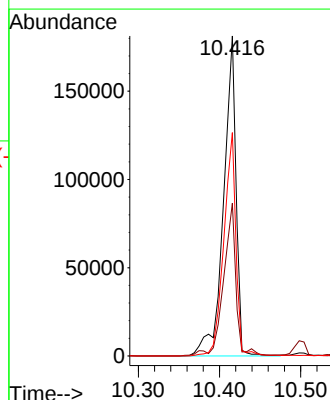
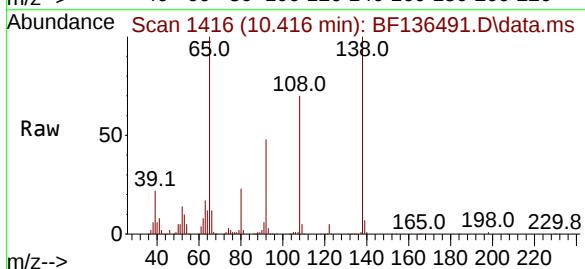
Instrument :
BNA_F
ClientSampleId :
PB157390BSD

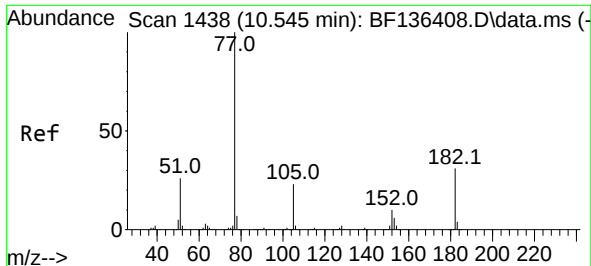
Tgt Ion:204 Resp: 391040
Ion Ratio Lower Upper
204 100
206 32.3 24.6 36.8
141 64.7 50.3 75.5



#62
4-Nitroaniline
Concen: 39.145 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

Tgt Ion:138 Resp: 195136
Ion Ratio Lower Upper
138 100
92 47.8 25.0 65.0
108 69.8 47.9 87.9

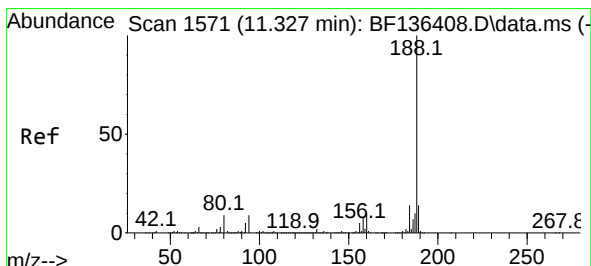
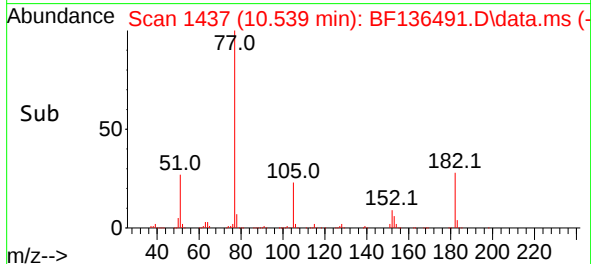
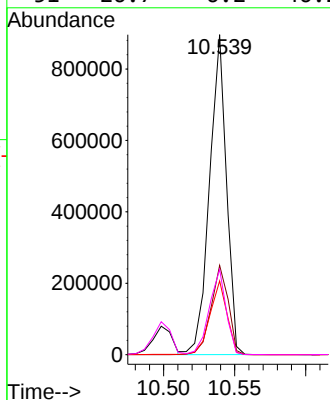
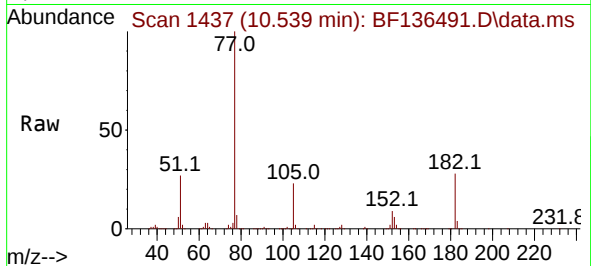




#63
Azobenzene
Concen: 37.871 ng
RT: 10.539 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

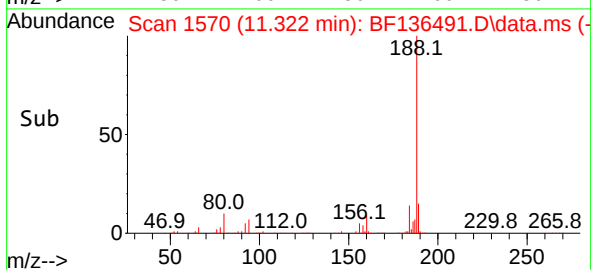
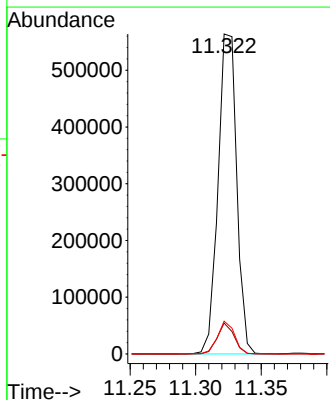
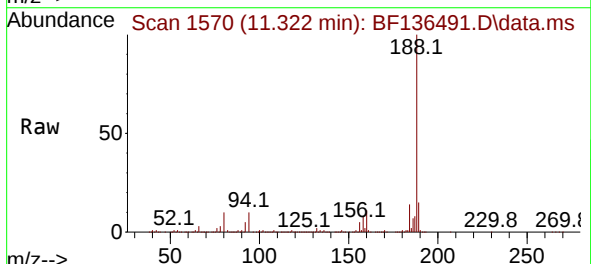
Instrument :
BNA_F
ClientSampleId :
PB157390BSD

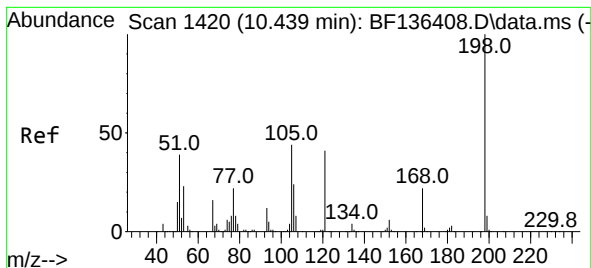
Tgt Ion:	77	Resp:	740725
Ion	Ratio	Lower	Upper
77	100		
182	27.9	10.8	50.8
105	23.1	2.6	42.6
51	26.7	6.2	46.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

Tgt Ion:	188	Resp:	558367
Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.2	10.8
80	10.2	7.2	10.8

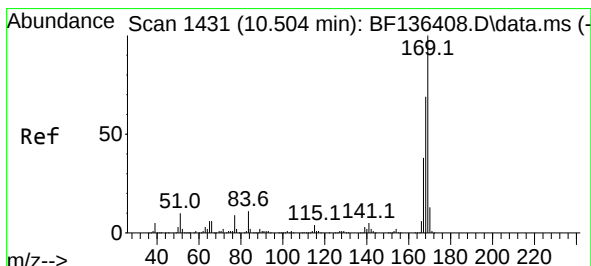
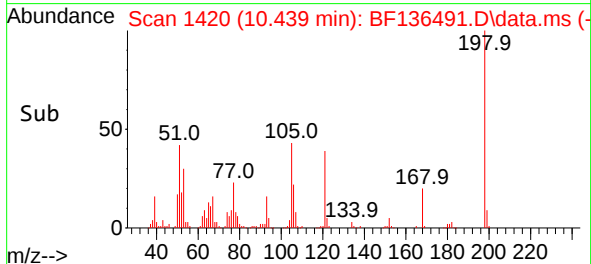
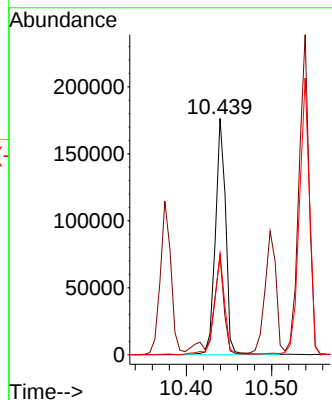
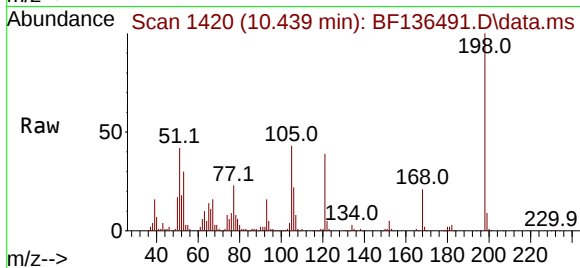




#65
4,6-Dinitro-2-methylphenol
Concen: 42.730 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

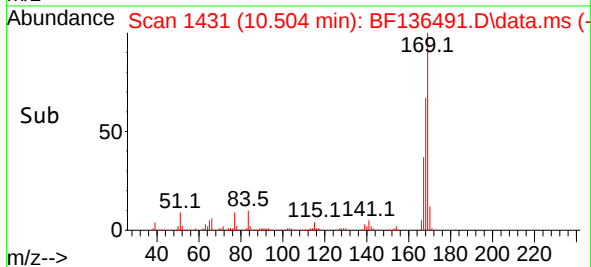
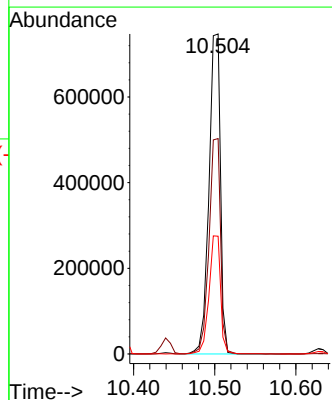
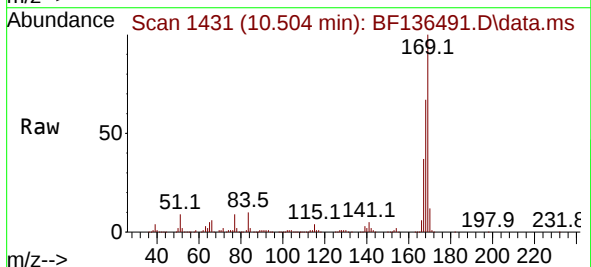
Instrument :
BNA_F
ClientSampleId :
PB157390BSD

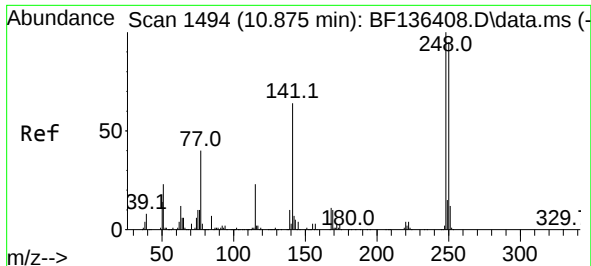
Tgt Ion:198 Resp: 147763
Ion Ratio Lower Upper
198 100
51 41.8 24.1 64.1
105 42.8 24.8 64.8



#66
n-Nitrosodiphenylamine
Concen: 40.788 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.000 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

Tgt Ion:169 Resp: 730790
Ion Ratio Lower Upper
169 100
168 67.3 55.3 82.9
167 36.8 30.1 45.1

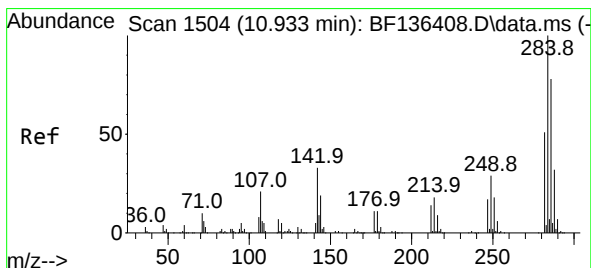
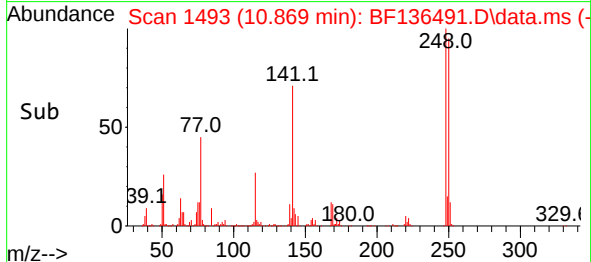
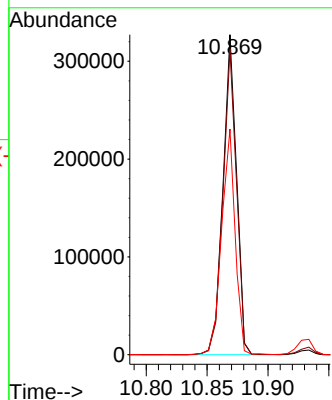
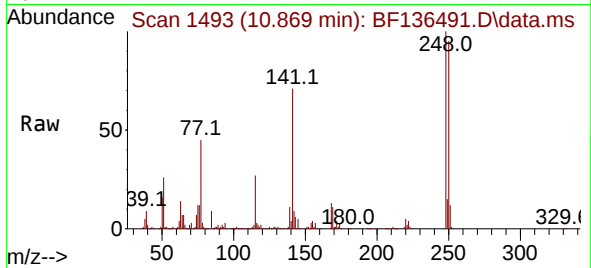




#67
4-Bromophenyl-phenylether
Concen: 39.417 ng
RT: 10.869 min Scan# 1493
Delta R.T. -0.006 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

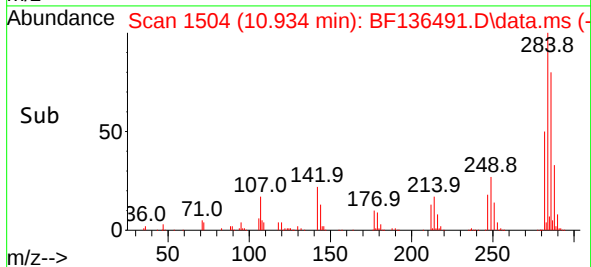
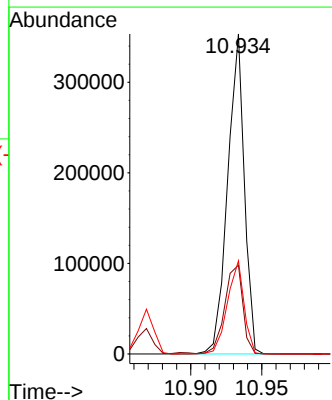
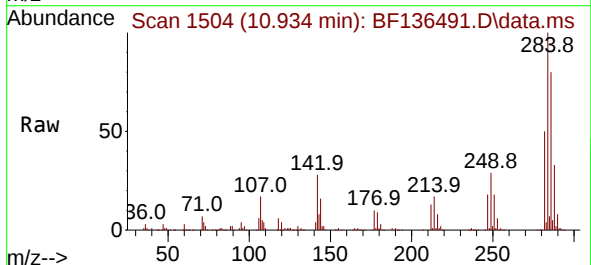
Instrument :
BNA_F
ClientSampleId :
PB157390BSD

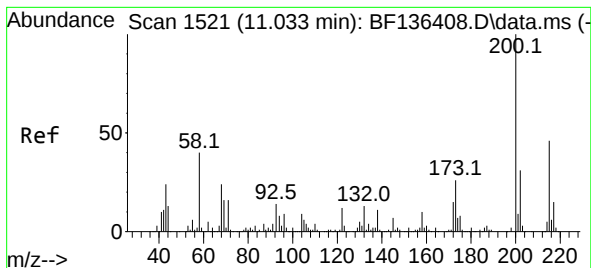
Tgt Ion:248 Resp: 255889
Ion Ratio Lower Upper
248 100
250 95.1 76.2 114.2
141 70.5 51.0 76.4



#68
Hexachlorobenzene
Concen: 38.447 ng
RT: 10.934 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

Tgt Ion:284 Resp: 288476
Ion Ratio Lower Upper
284 100
142 27.8 26.5 39.7
249 29.1 23.4 35.0





#69

Atrazine

Concen: 39.756 ng

RT: 11.034 min Scan# 1521

Delta R.T. 0.000 min

Lab File: BF136491.D

Acq: 11 Dec 2023 15:31

Instrument :

BNA_F

ClientSampleId :

PB157390BSD

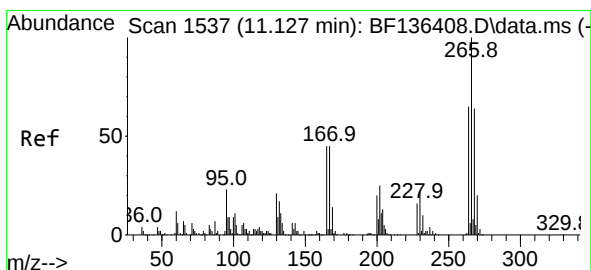
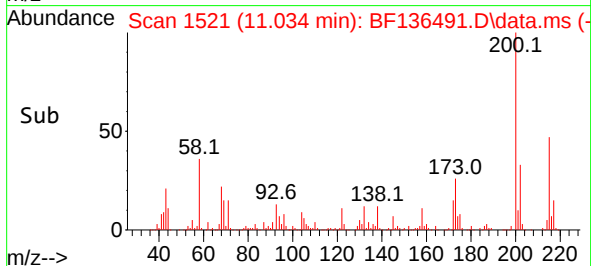
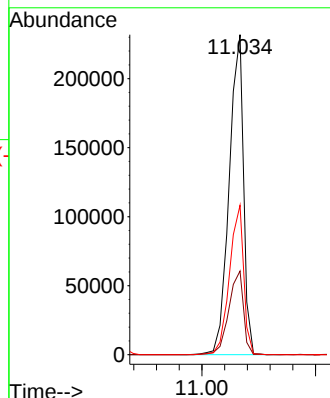
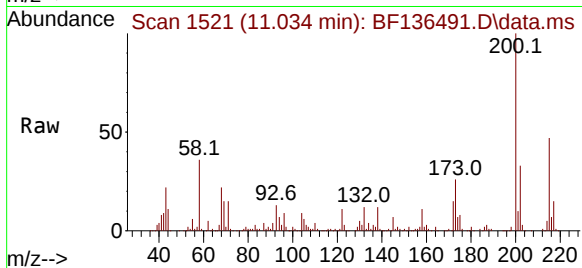
Tgt Ion:200 Resp: 203304

Ion Ratio Lower Upper

200 100

173 26.1 6.0 46.0

215 46.7 25.5 65.5



#70

Pentachlorophenol

Concen: 66.594 ng

RT: 11.134 min Scan# 1538

Delta R.T. 0.006 min

Lab File: BF136491.D

Acq: 11 Dec 2023 15:31

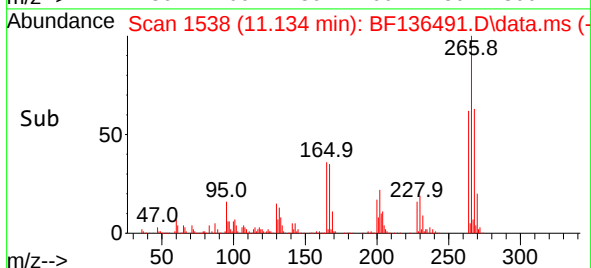
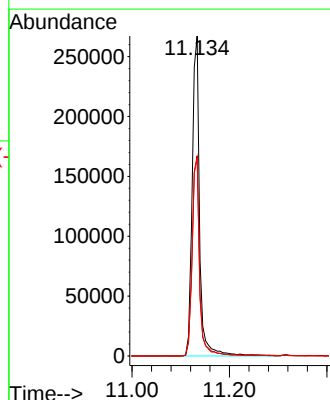
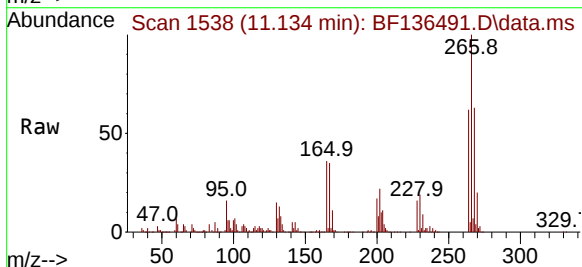
Tgt Ion:266 Resp: 282005

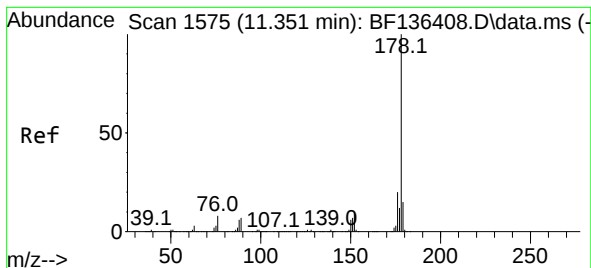
Ion Ratio Lower Upper

266 100

268 62.6 51.0 76.6

264 61.9 52.2 78.4





#71

Phenanthrene

Concen: 39.715 ng

RT: 11.351 min Scan# 1575

Delta R.T. 0.000 min

Lab File: BF136491.D

Acq: 11 Dec 2023 15:31

Instrument :

BNA_F

ClientSampleId :

PB157390BSD

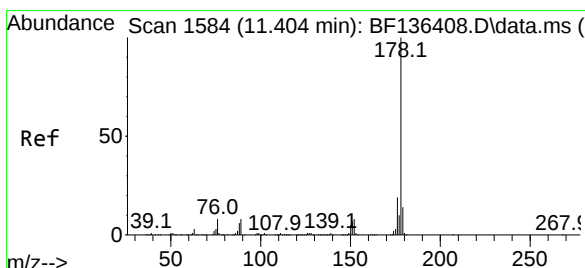
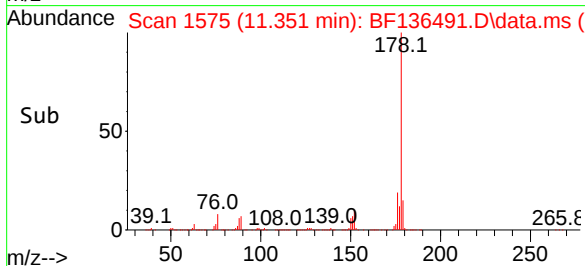
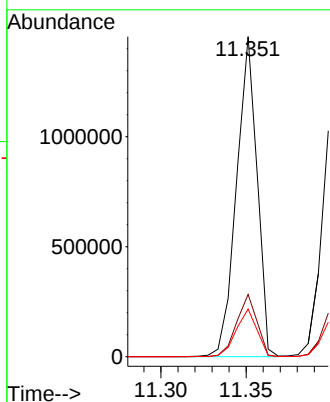
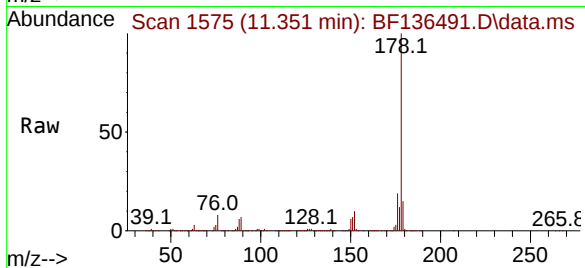
Tgt Ion:178 Resp: 1218868

Ion Ratio Lower Upper

178 100

176 19.4 15.9 23.9

179 14.9 11.8 17.6



#72

Anthracene

Concen: 39.536 ng

RT: 11.404 min Scan# 1584

Delta R.T. 0.000 min

Lab File: BF136491.D

Acq: 11 Dec 2023 15:31

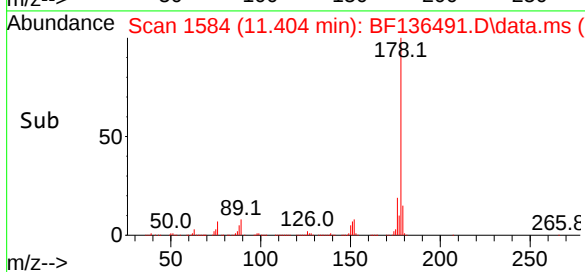
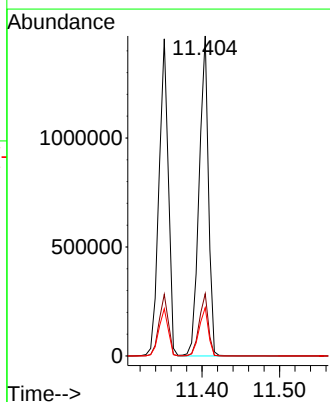
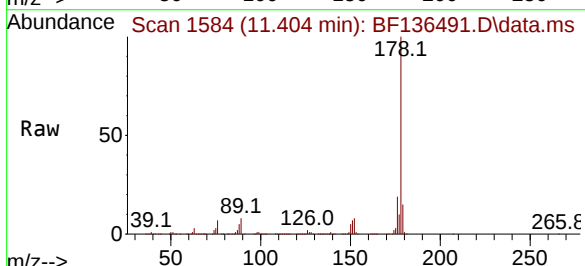
Tgt Ion:178 Resp: 1222122

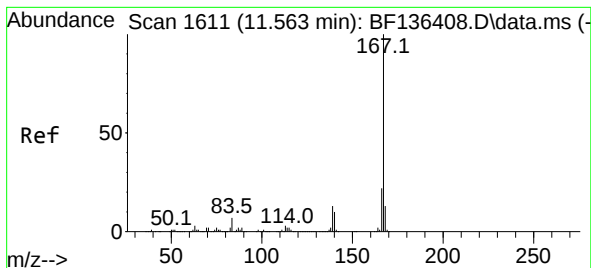
Ion Ratio Lower Upper

178 100

176 19.5 15.3 22.9

179 15.1 11.4 17.0





#73

Carbazole

Concen: 39.067 ng

RT: 11.563 min Scan# 1611

Delta R.T. 0.000 min

Lab File: BF136491.D

Acq: 11 Dec 2023 15:31

Instrument :

BNA_F

ClientSampleId :

PB157390BSD

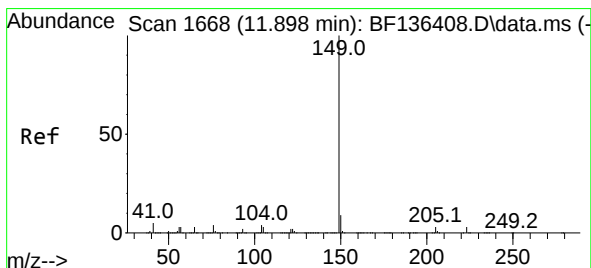
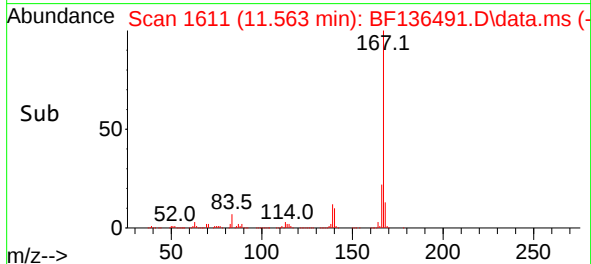
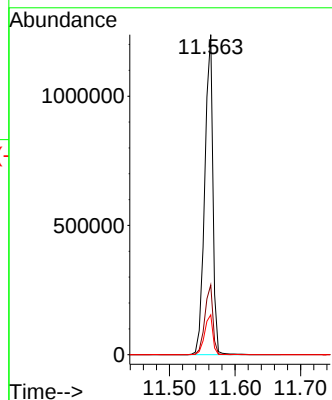
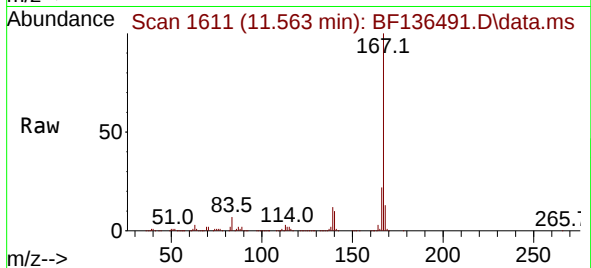
Tgt Ion:167 Resp: 1068843

Ion Ratio Lower Upper

167 100

166 21.8 18.0 27.0

139 12.5 10.2 15.4



#74

Di-n-butylphthalate

Concen: 37.675 ng

RT: 11.892 min Scan# 1667

Delta R.T. -0.006 min

Lab File: BF136491.D

Acq: 11 Dec 2023 15:31

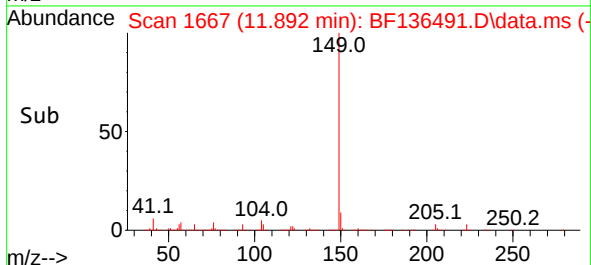
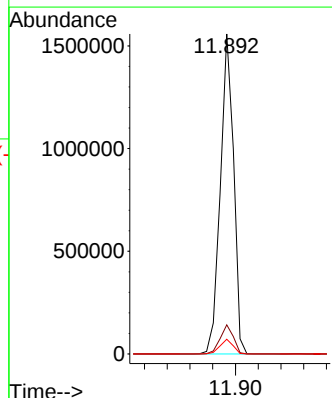
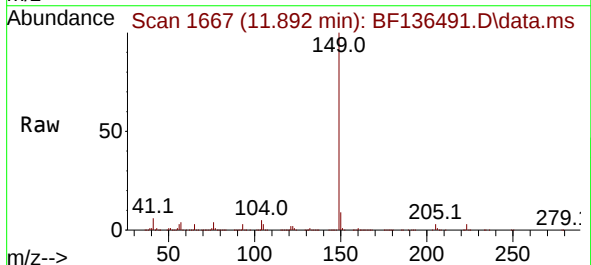
Tgt Ion:149 Resp: 1263607

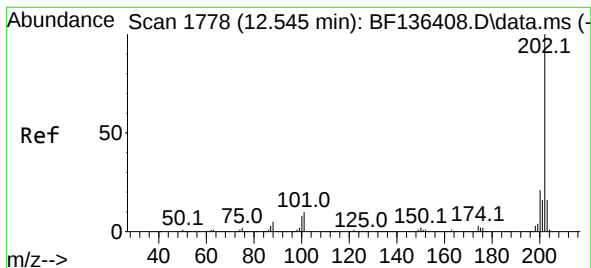
Ion Ratio Lower Upper

149 100

150 9.1 6.9 10.3

104 4.6 3.5 5.3





#75

Fluoranthene

Concen: 37.359 ng

RT: 12.545 min Scan# 1778

Delta R.T. 0.000 min

Lab File: BF136491.D

Acq: 11 Dec 2023 15:31

Instrument :

BNA_F

ClientSampleId :

PB157390BSD

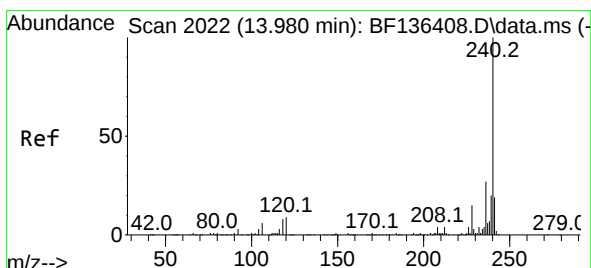
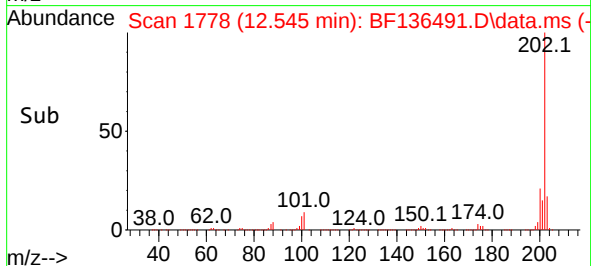
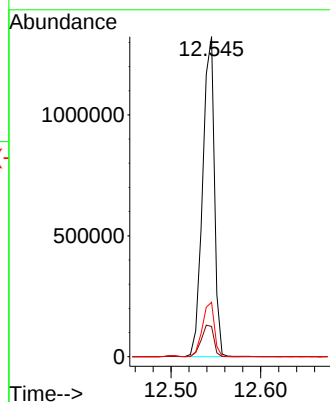
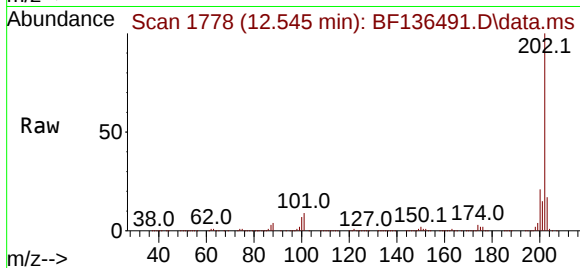
Tgt Ion:202 Resp: 1201533

Ion Ratio Lower Upper

202 100

101 9.4 0.0 29.9

203 17.0 0.0 36.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BF136491.D

Acq: 11 Dec 2023 15:31

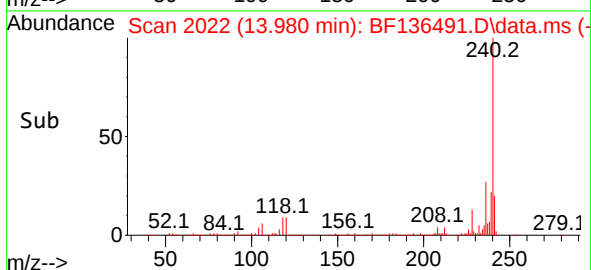
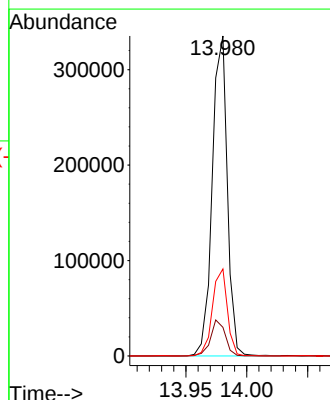
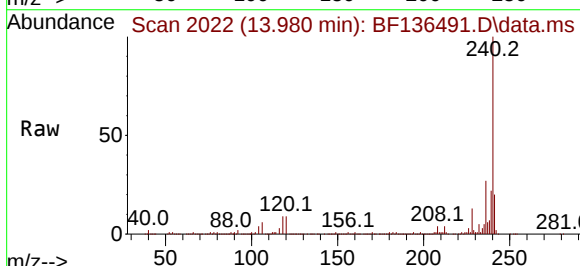
Tgt Ion:240 Resp: 287494

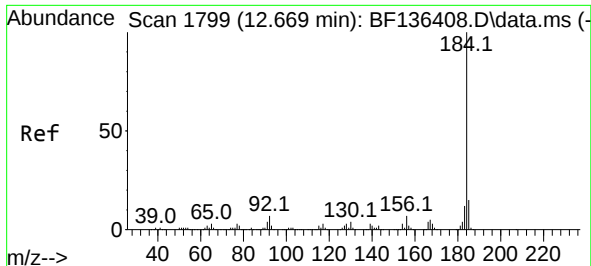
Ion Ratio Lower Upper

240 100

120 8.9 7.3 10.9

236 27.2 21.3 31.9

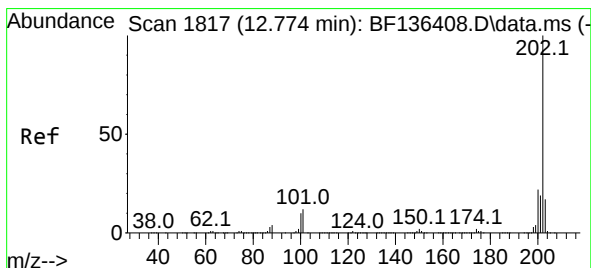
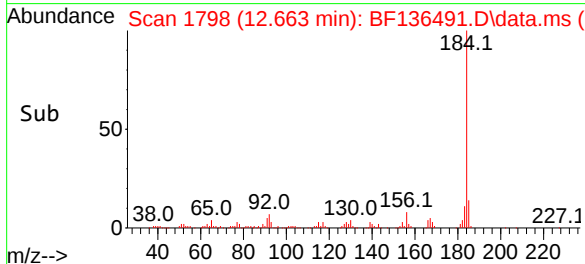
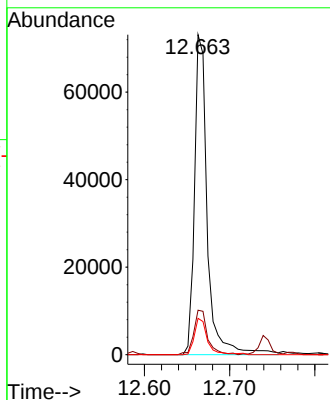
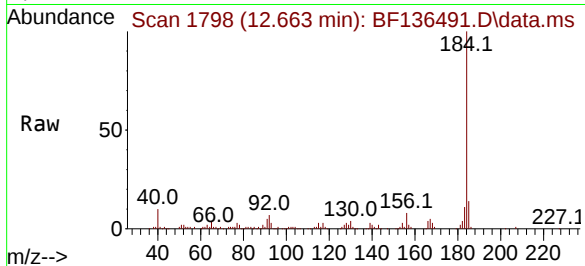




#77
Benzidine
Concen: 17.641 ng
RT: 12.663 min Scan# 1799
Delta R.T. -0.006 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

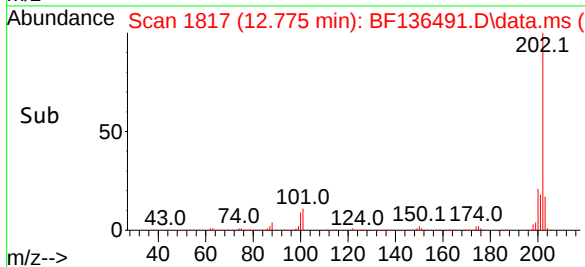
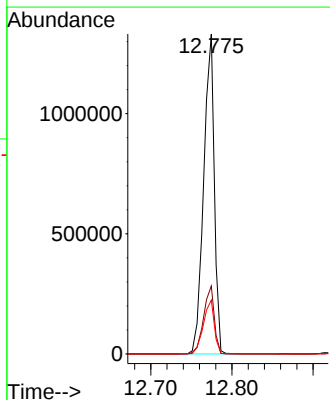
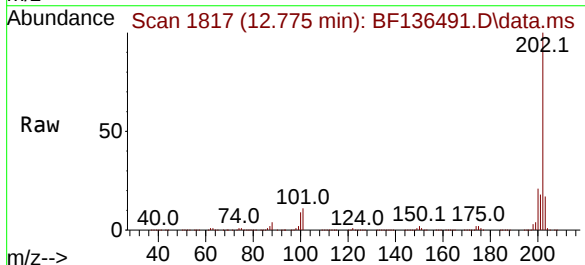
Instrument :
BNA_F
ClientSampleId :
PB157390BSD

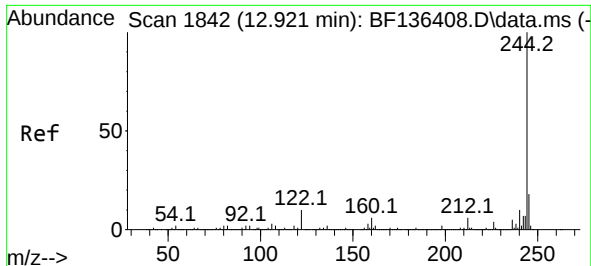
Tgt Ion:184 Resp: 76050
Ion Ratio Lower Upper
184 100
185 13.9 12.0 18.0
183 11.4 9.4 14.0



#78
Pyrene
Concen: 42.914 ng
RT: 12.775 min Scan# 1817
Delta R.T. 0.000 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

Tgt Ion:202 Resp: 1208284
Ion Ratio Lower Upper
202 100
200 21.2 18.0 27.0
203 16.9 13.5 20.3

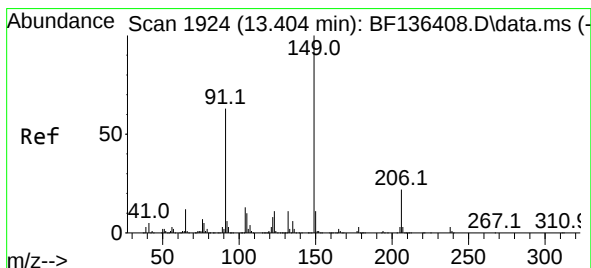
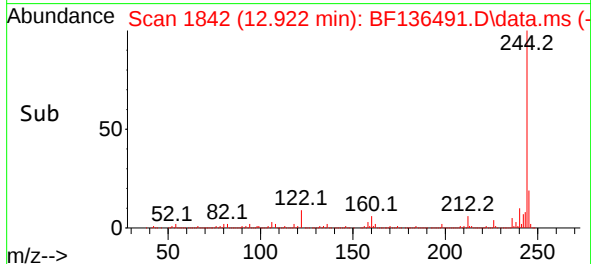
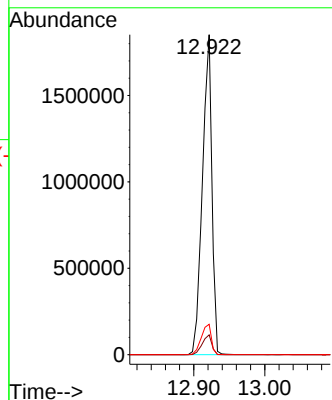
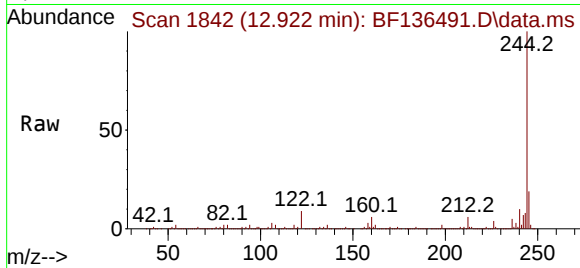




#79
 Terphenyl-d14
 Concen: 78.954 ng
 RT: 12.922 min Scan# 1842
 Delta R.T. 0.000 min
 Lab File: BF136491.D
 Acq: 11 Dec 2023 15:31

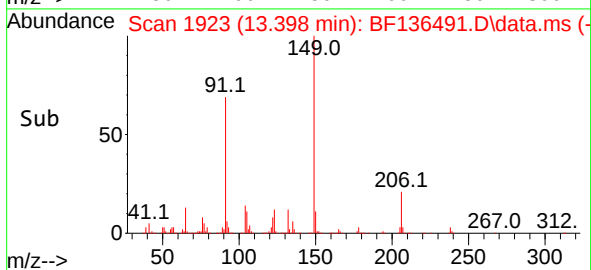
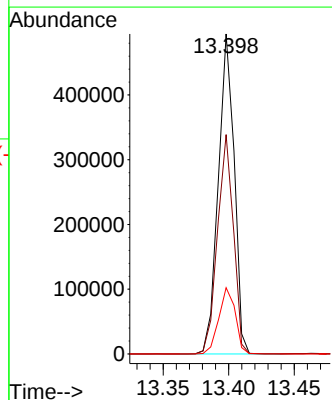
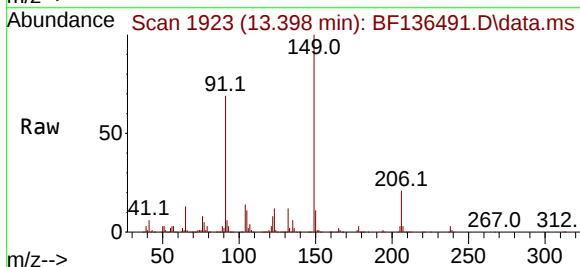
Instrument :
 BNA_F
 ClientSampleId :
 PB157390BSD

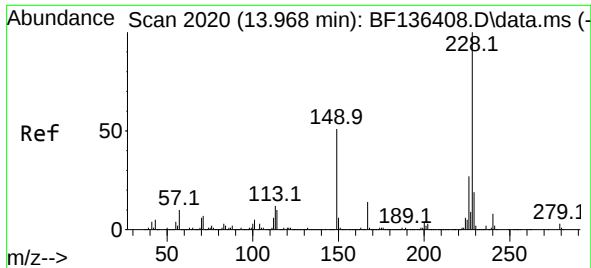
Tgt Ion:244 Resp: 1722148
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.4
 122 9.5 8.3 12.5



#80
 Butylbenzylphthalate
 Concen: 41.521 ng
 RT: 13.398 min Scan# 1923
 Delta R.T. -0.006 min
 Lab File: BF136491.D
 Acq: 11 Dec 2023 15:31

Tgt Ion:149 Resp: 416169
 Ion Ratio Lower Upper
 149 100
 91 68.6 50.5 75.7
 206 20.7 17.4 26.2

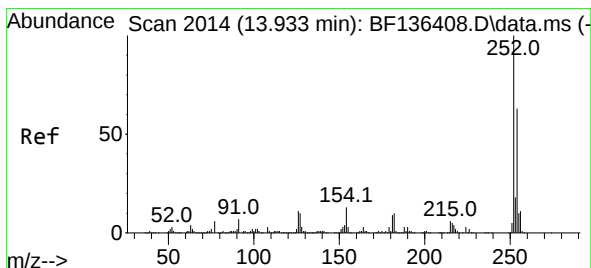
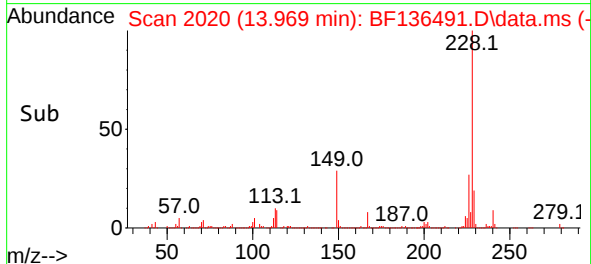
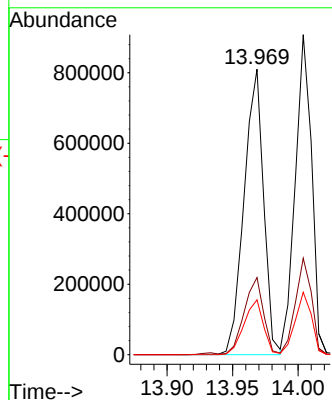
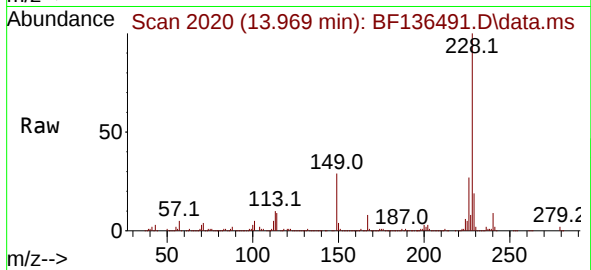




#81
Benzo(a)anthracene
Concen: 41.961 ng
RT: 13.969 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

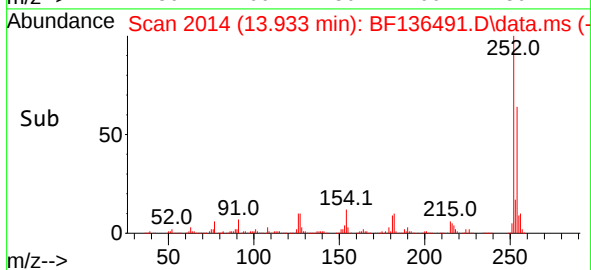
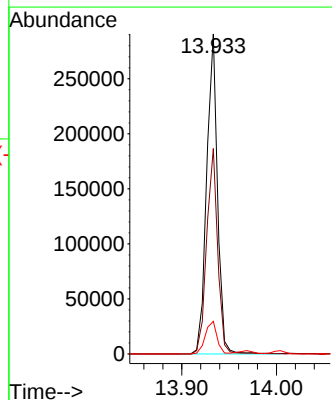
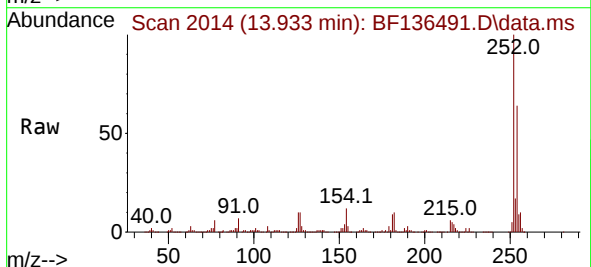
Instrument :
BNA_F
ClientSampleId :
PB157390BSD

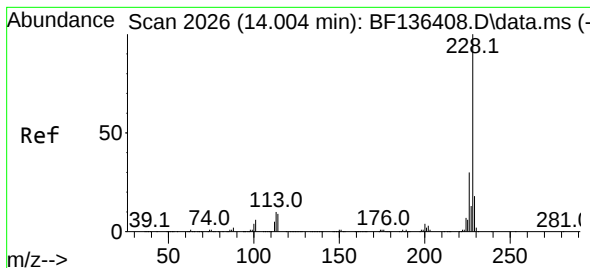
Tgt Ion:228 Resp: 840307
Ion Ratio Lower Upper
228 100
226 27.0 21.8 32.8
229 19.2 15.0 22.4



#82
3,3'-Dichlorobenzidine
Concen: 41.263 ng
RT: 13.933 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

Tgt Ion:252 Resp: 231685
Ion Ratio Lower Upper
252 100
254 64.2 50.8 76.2
126 10.2 8.6 12.8





#83

Chrysene

Concen: 40.027 ng

RT: 14.004 min Scan# 2026

Delta R.T. 0.000 min

Lab File: BF136491.D

Acq: 11 Dec 2023 15:31

Instrument :

BNA_F

ClientSampleId :

PB157390BSD

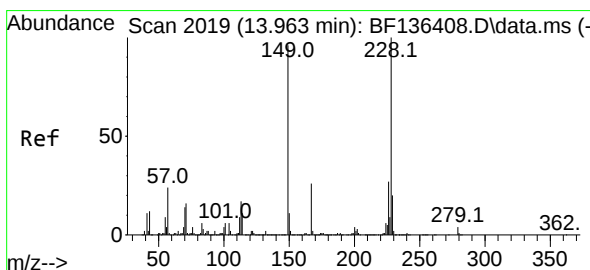
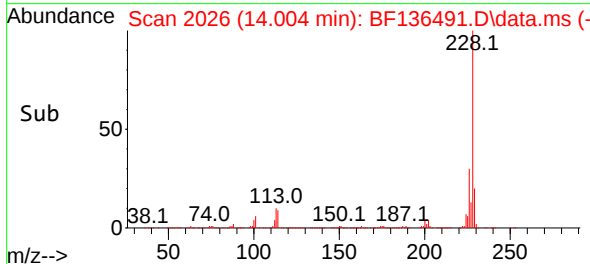
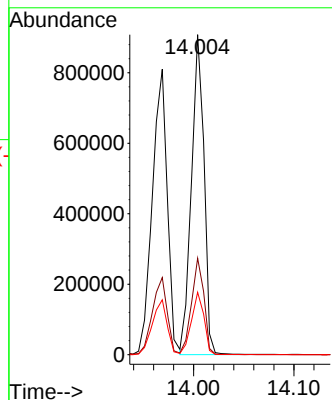
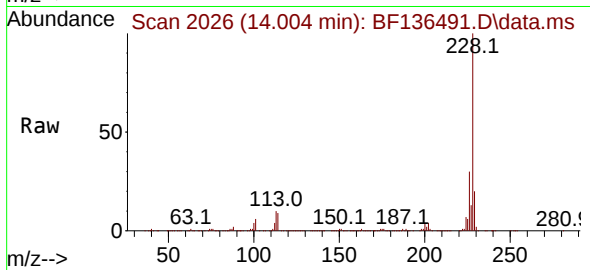
Tgt Ion:228 Resp: 788630

Ion Ratio Lower Upper

228 100

226 30.2 23.8 35.6

229 19.5 14.8 22.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.850 ng

RT: 13.963 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BF136491.D

Acq: 11 Dec 2023 15:31

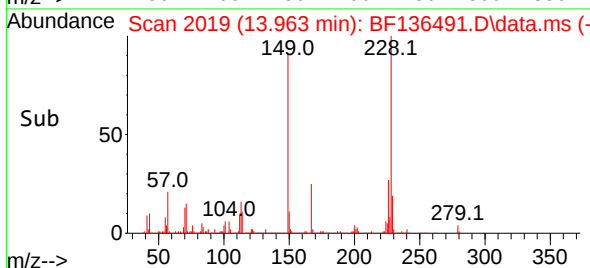
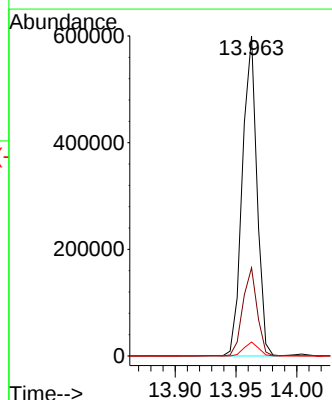
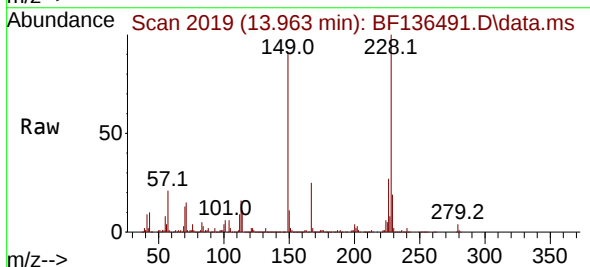
Tgt Ion:149 Resp: 501940

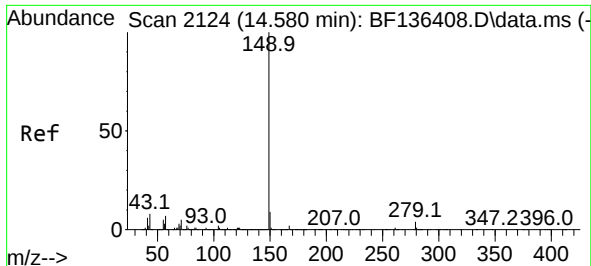
Ion Ratio Lower Upper

149 100

167 27.6 21.2 31.8

279 4.3 3.1 4.7

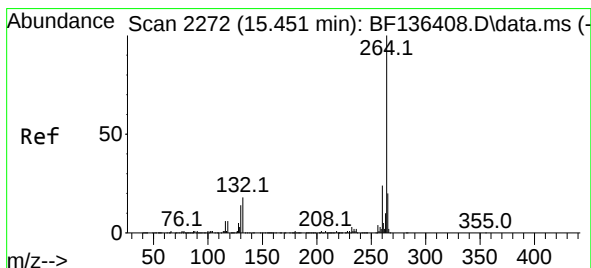
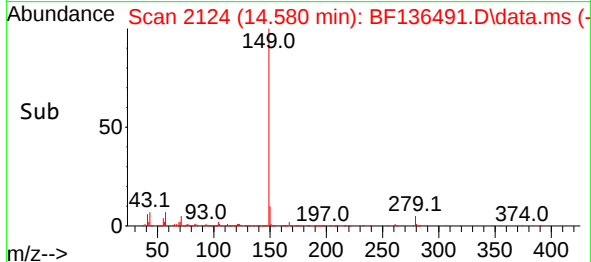
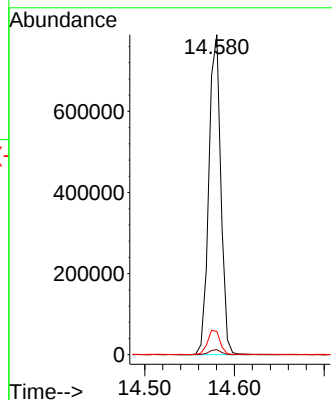
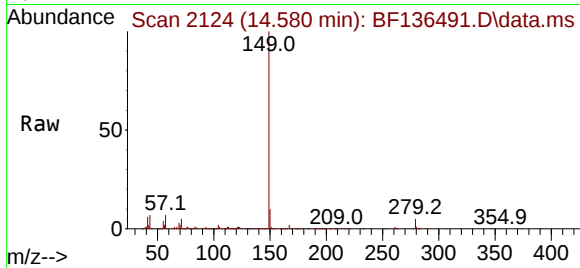




#85
Di-n-octyl phthalate
Concen: 40.327 ng
RT: 14.580 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

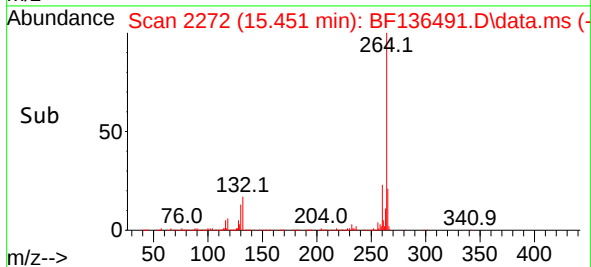
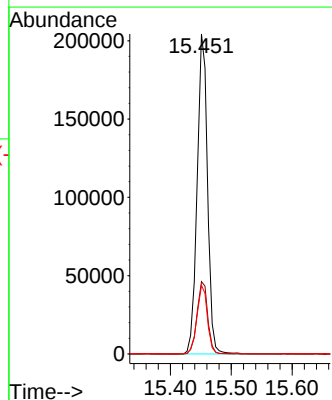
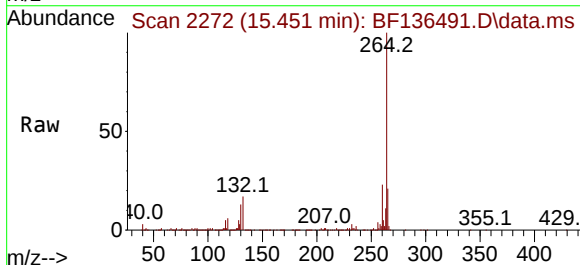
Instrument :
BNA_F
ClientSampleId :
PB157390BSD

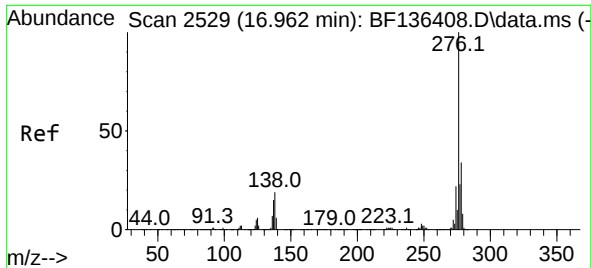
Tgt Ion:149 Resp: 731911
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.0 6.8 10.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 2272
Delta R.T. 0.000 min
Lab File: BF136491.D
Acq: 11 Dec 2023 15:31

Tgt Ion:264 Resp: 241454
Ion Ratio Lower Upper
264 100
260 22.6 19.2 28.8
265 21.5 15.9 23.9

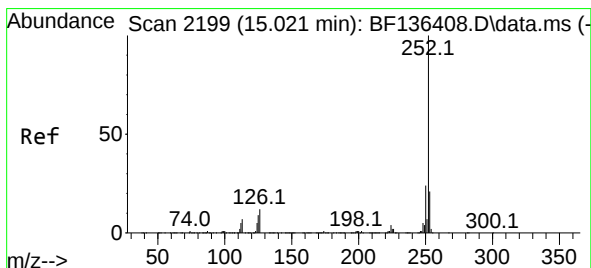
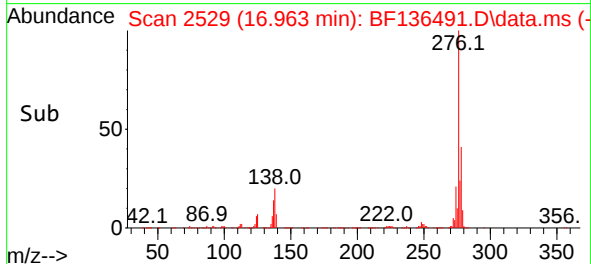
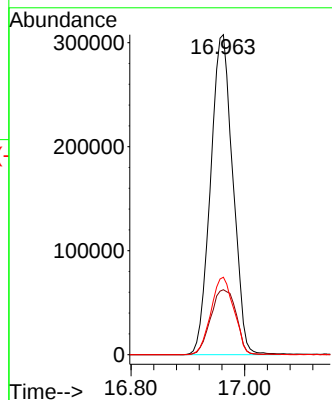
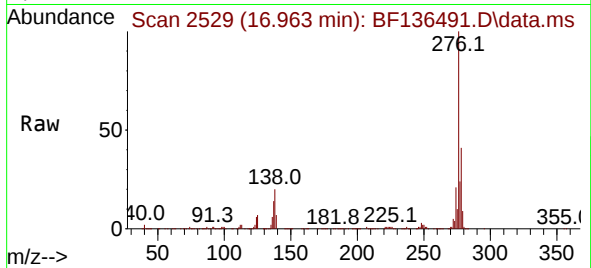




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 49.890 ng
 RT: 16.963 min Scan# 2199
 Delta R.T. 0.000 min
 Lab File: BF136491.D
 Acq: 11 Dec 2023 15:31

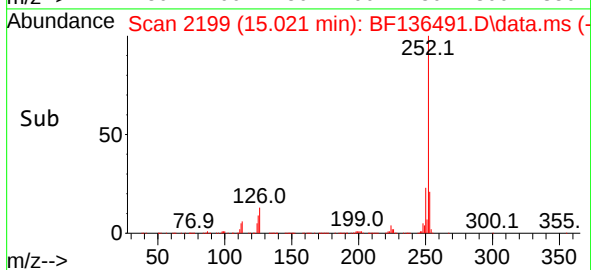
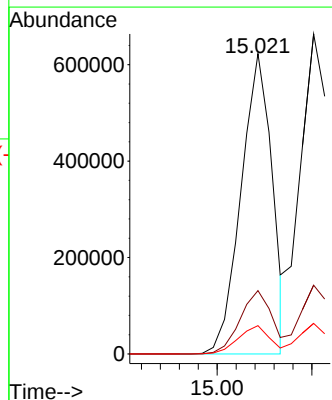
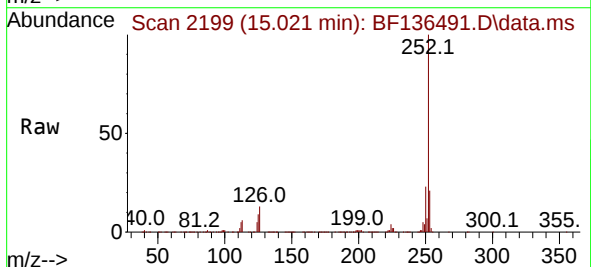
Instrument :
 BNA_F
 ClientSampleId :
 PB157390BSD

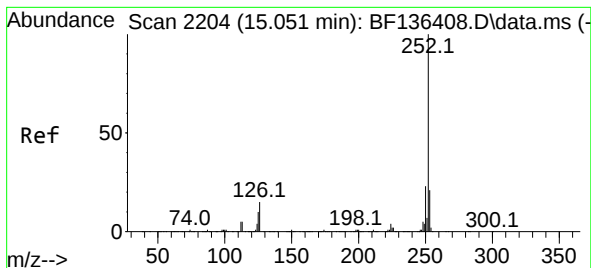
Tgt Ion:276 Resp: 836873
 Ion Ratio Lower Upper
 276 100
 138 23.2 19.0 28.4
 277 25.1 20.0 30.0



#88
 Benzo(b)fluoranthene
 Concen: 43.216 ng
 RT: 15.021 min Scan# 2199
 Delta R.T. 0.000 min
 Lab File: BF136491.D
 Acq: 11 Dec 2023 15:31

Tgt Ion:252 Resp: 713451
 Ion Ratio Lower Upper
 252 100
 253 21.1 16.9 25.3
 125 9.4 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 45.087 ng

RT: 15.051 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF136491.D

Acq: 11 Dec 2023 15:31

Instrument :

BNA_F

ClientSampleId :

PB157390BSD

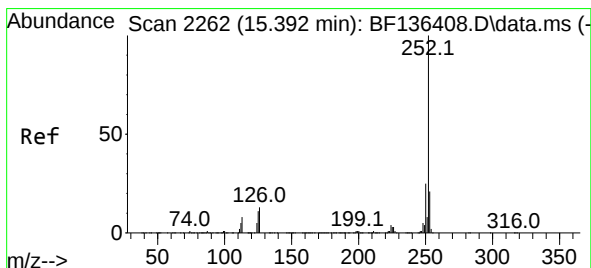
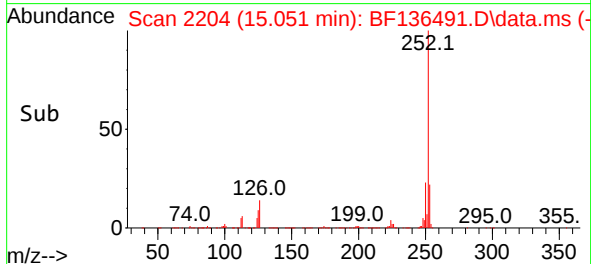
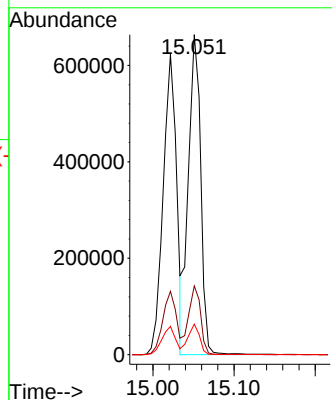
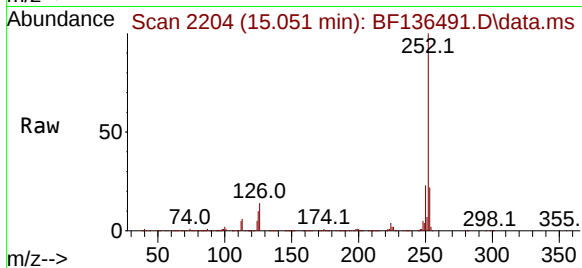
Tgt Ion:252 Resp: 701476

Ion Ratio Lower Upper

252 100

253 21.5 16.9 25.3

125 9.5 7.5 11.3



#90

Benzo(a)pyrene

Concen: 45.533 ng

RT: 15.392 min Scan# 2262

Delta R.T. 0.000 min

Lab File: BF136491.D

Acq: 11 Dec 2023 15:31

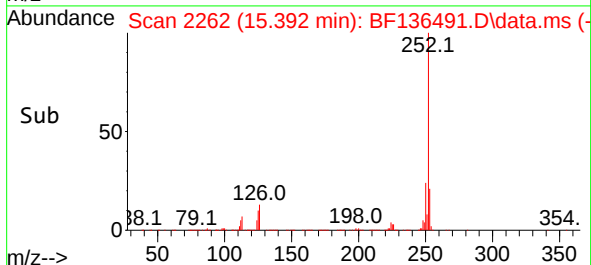
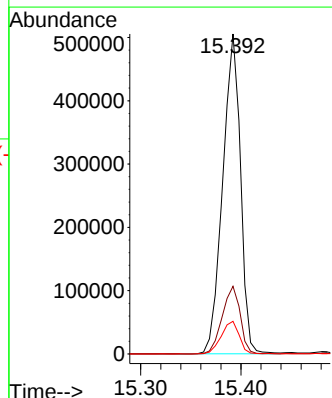
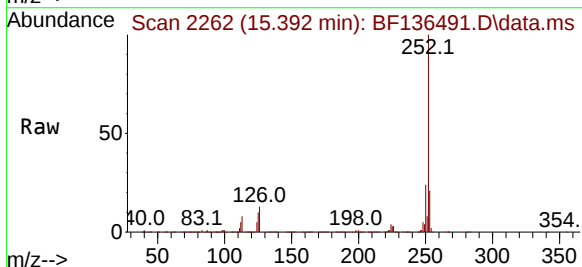
Tgt Ion:252 Resp: 620779

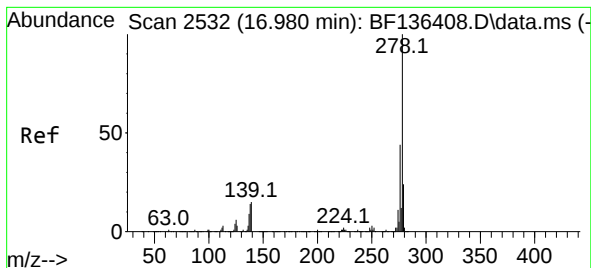
Ion Ratio Lower Upper

252 100

253 21.2 17.0 25.4

125 10.2 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 50.782 ng

RT: 16.980 min Scan# 2532

Delta R.T. 0.000 min

Lab File: BF136491.D

Acq: 11 Dec 2023 15:31

Instrument :

BNA_F

ClientSampleId :

PB157390BSD

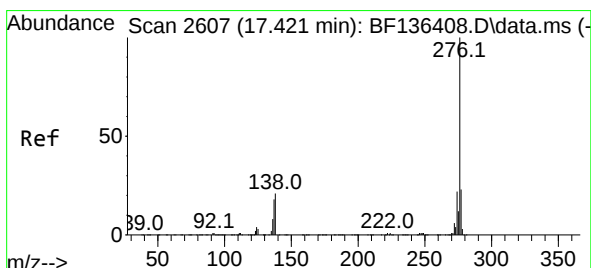
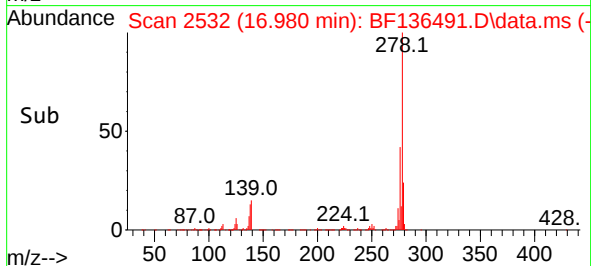
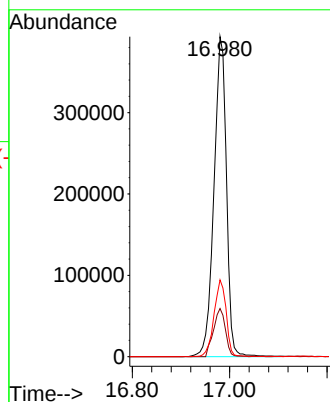
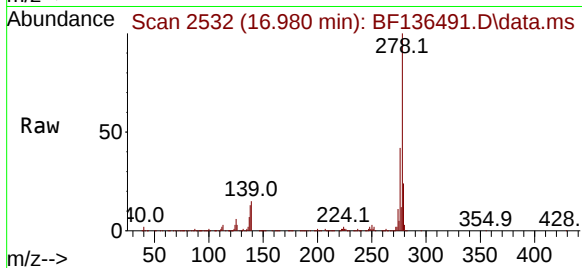
Tgt Ion:278 Resp: 697853

Ion Ratio Lower Upper

278 100

139 15.1 12.2 18.4

279 24.0 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 49.122 ng

RT: 17.421 min Scan# 2607

Delta R.T. 0.000 min

Lab File: BF136491.D

Acq: 11 Dec 2023 15:31

Tgt Ion:276 Resp: 692859

Ion Ratio Lower Upper

276 100

277 23.5 18.7 28.1

138 21.2 16.6 25.0

