

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061523\
 Data File : BF133786.D
 Acq On : 15 Jun 2023 21:20
 Operator : CG\JU
 Sample : PB153350BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153350BS

Quant Time: Jun 16 02:59:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 15:12:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	114085	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	438581	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	198617	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	414598	20.000	ng	0.00
76) Chrysene-d12	14.004	240	215204	20.000	ng	0.00
86) Perylene-d12	15.463	264	179903	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	811249	123.794	ng	0.02
7) Phenol-d6	6.469	99	936910	109.836	ng	0.00
23) Nitrobenzene-d5	7.404	82	851449	105.740	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	309860	123.247	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1486357	106.380	ng	0.00
79) Terphenyl-d14	12.951	244	1359734	97.767	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	90308	31.346	ng	99
3) Pyridine	3.381	79	231463	27.564	ng	98
4) n-Nitrosodimethylamine	3.328	42	175992	37.915	ng	95
6) Aniline	6.492	93	329884	30.705	ng	100
8) 2-Chlorophenol	6.616	128	305199	44.193	ng	96
9) Benzaldehyde	6.381	77	155983	27.562	ng	97
10) Phenol	6.481	94	352352	39.559	ng	97
11) bis(2-Chloroethyl)ether	6.569	93	279673	42.294	ng	96
12) 1,3-Dichlorobenzene	6.775	146	324068	43.919	ng	98
13) 1,4-Dichlorobenzene	6.851	146	326618	43.795	ng	97
14) 1,2-Dichlorobenzene	7.004	146	306838	45.533	ng	97
15) Benzyl Alcohol	6.975	79	274866	41.257	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.110	45	507339	45.261	ng	99
17) 2-Methylphenol	7.087	107	248176	40.544	ng	98
18) Hexachloroethane	7.345	117	123946	48.546	ng	96
19) n-Nitroso-di-n-propyla...	7.251	70	218737	40.304	ng	98
20) 3+4-Methylphenols	7.240	107	309016	38.807	ng	93
22) Acetophenone	7.245	105	419985	41.752	ng	# 98
24) Nitrobenzene	7.422	77	337215	41.590	ng	96
25) Isophorone	7.657	82	610843	41.321	ng	98
26) 2-Nitrophenol	7.734	139	171429	47.111	ng	94
27) 2,4-Dimethylphenol	7.769	122	245670	39.170	ng	99
28) bis(2-Chloroethoxy)met...	7.863	93	348368	40.773	ng	99
29) 2,4-Dichlorophenol	7.975	162	257388	41.872	ng	98
30) 1,2,4-Trichlorobenzene	8.057	180	269270	41.986	ng	98
31) Naphthalene	8.139	128	874790	40.940	ng	99
32) Benzoic acid	7.892	122	201973m	51.060	ng	
33) 4-Chloroaniline	8.187	127	153460	16.797	ng	96
34) Hexachlorobutadiene	8.251	225	171412	40.822	ng	99
35) Caprolactam	8.563	113	87840m	42.467	ng	
36) 4-Chloro-3-methylphenol	8.669	107	291397	41.127	ng	99
37) 2-Methylnaphthalene	8.828	142	588796	39.659	ng	97
38) 1-Methylnaphthalene	8.928	142	500558	36.640	ng	100
40) 1,2,4,5-Tetrachloroben...	8.998	216	261459	43.301	ng	98
41) Hexachlorocyclopentadiene	8.981	237	306028	113.732	ng	97
43) 2,4,6-Trichlorophenol	9.104	196	188314	46.671	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	202080	43.049	ng	95
46) 1,1'-Biphenyl	9.292	154	734450	45.849	ng	98
47) 2-Chloronaphthalene	9.322	162	544118	47.354	ng	98
48) 2-Nitroaniline	9.416	65	181434	43.174	ng	98
49) Acenaphthylene	9.733	152	819408	40.972	ng	99
50) Dimethylphthalate	9.598	163	581896	39.250	ng	99
51) 2,6-Dinitrotoluene	9.657	165	129454	42.305	ng	# 77
52) Acenaphthene	9.904	154	481328	41.117	ng	99
53) 3-Nitroaniline	9.828	138	96598	25.940	ng	94
54) 2,4-Dinitrophenol	9.939	184	154570	101.699	ng	96
55) Dibenzofuran	10.081	168	731537	40.954	ng	98
56) 4-Nitrophenol	9.992	139	215728	85.838	ng	# 81
57) 2,4-Dinitrotoluene	10.063	165	173620	44.612	ng	100
58) Fluorene	10.422	166	631334	46.218	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.198	232	162131	46.133	ng	98
60) Diethylphthalate	10.298	149	663978	44.006	ng	100
61) 4-Chlorophenyl-phenyle...	10.416	204	300194	44.516	ng	94
62) 4-Nitroaniline	10.445	138	154990	42.449	ng	98
63) Azobenzene	10.575	77	620519	43.442	ng	97
65) 4,6-Dinitro-2-methylph...	10.475	198	106610	53.812	ng	99
66) n-Nitrosodiphenylamine	10.533	169	553741	39.762	ng	98
67) 4-Bromophenyl-phenylether	10.904	248	186404	40.282	ng	94
68) Hexachlorobenzene	10.969	284	209579	43.069	ng	95
69) Atrazine	11.063	200	178217	44.105	ng	98
70) Pentachlorophenol	11.163	266	214804	73.718	ng	98
71) Phenanthrene	11.386	178	868013	41.266	ng	99
72) Anthracene	11.439	178	888084	40.492	ng	100
73) Carbazole	11.592	167	821788	40.230	ng	99
74) Di-n-butylphthalate	11.922	149	882892	33.714	ng	99
75) Fluoranthene	12.574	202	879273	39.363	ng	99
77) Benzidine	12.698	184	235045	32.548	ng	99
78) Pyrene	12.804	202	881386	43.966	ng	99
80) Butylbenzylphthalate	13.421	149	312684	36.946	ng	97
81) Benzo(a)anthracene	13.992	228	620282	41.670	ng	99
82) 3,3'-Dichlorobenzidine	13.957	252	134574	27.193	ng	98
83) Chrysene	14.033	228	576575	40.952	ng	98
84) Bis(2-ethylhexyl)phtha...	13.980	149	352578	33.835	ng	100
85) Di-n-octyl phthalate	14.592	149	560607	37.858	ng	99
87) Indeno(1,2,3-cd)pyrene	16.927	276	652432	52.714	ng	99
88) Benzo(b)fluoranthene	15.039	252	482165	44.121	ng	98
89) Benzo(k)fluoranthene	15.068	252	472438	44.379	ng	99
90) Benzo(a)pyrene	15.404	252	434392	42.830	ng	99
91) Dibenzo(a,h)anthracene	16.945	278	538624	52.566	ng	99
92) Benzo(g,h,i)perylene	17.374	276	555703	54.699	ng	98

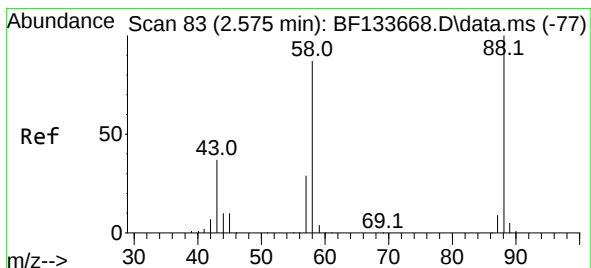
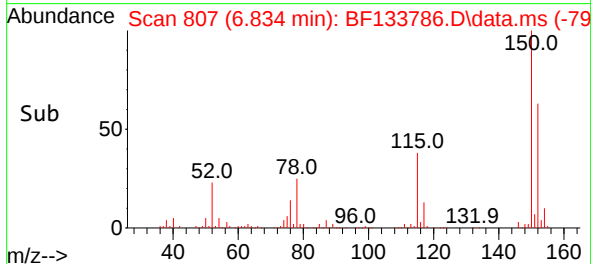
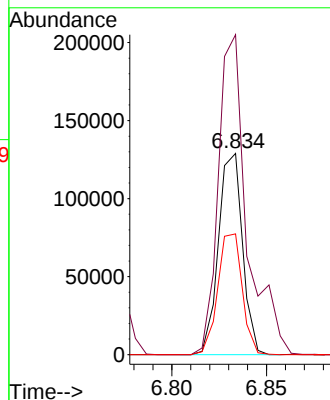
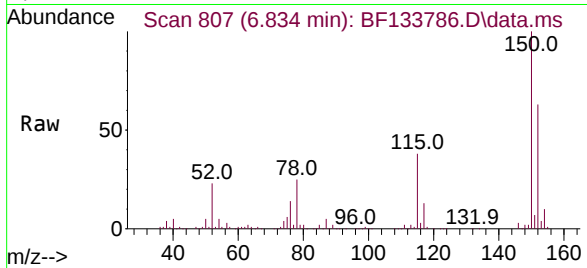
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF133786.D
 Acq: 15 Jun 2023 21:20

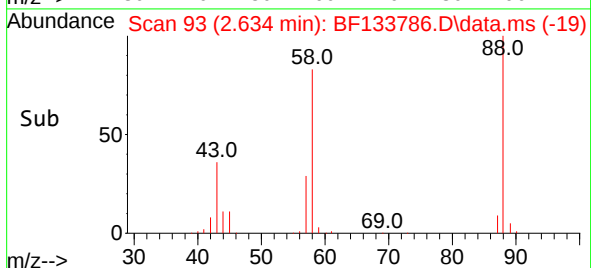
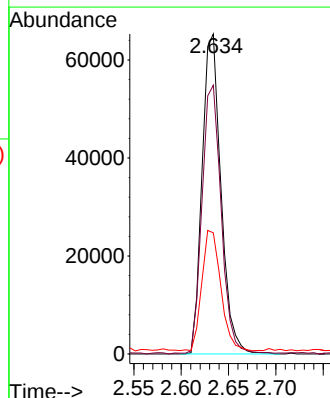
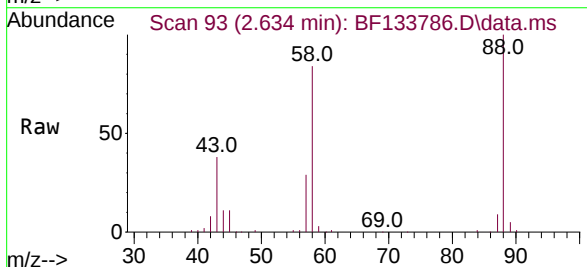
Instrument :
 BNA_F
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 PB153350BS

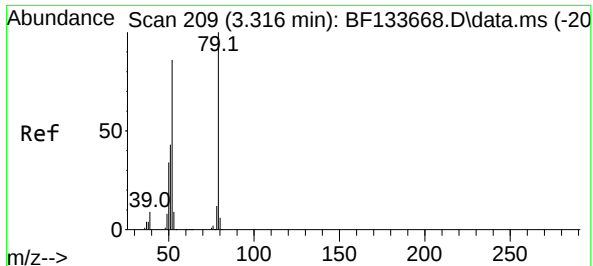
Tgt Ion:152 Resp: 114085
 Ion Ratio Lower Upper
 152 100
 150 159.0 124.3 186.5
 115 60.0 48.5 72.7



#2
 1,4-Dioxane
 Concen: 31.346 ng
 RT: 2.634 min Scan# 93
 Delta R.T. 0.088 min
 Lab File: BF133786.D
 Acq: 15 Jun 2023 21:20

Tgt Ion: 88 Resp: 90308
 Ion Ratio Lower Upper
 88 100
 58 86.0 67.8 101.6
 43 37.9 29.8 44.6

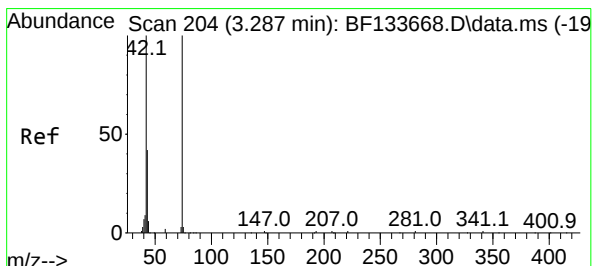
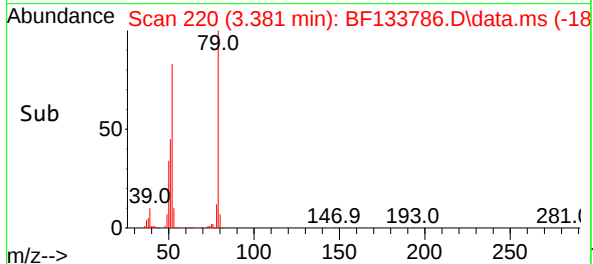
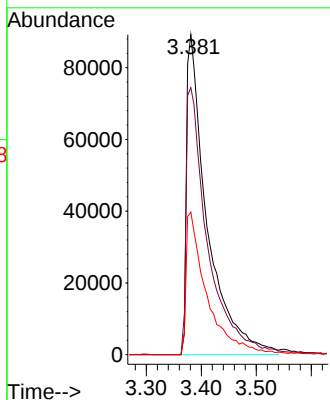
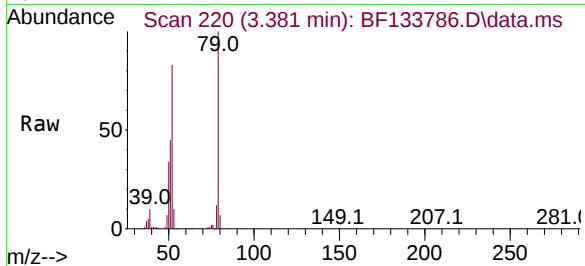




#3
Pyridine
Concen: 27.564 ng
RT: 3.381 min Scan# 211
Delta R.T. 0.088 min
Lab File: BF133786.D
Acq: 15 Jun 2023 21:20

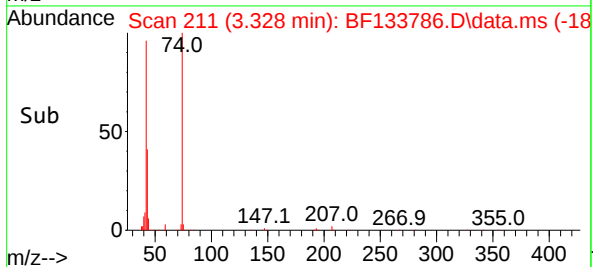
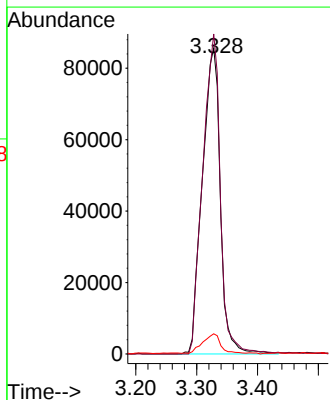
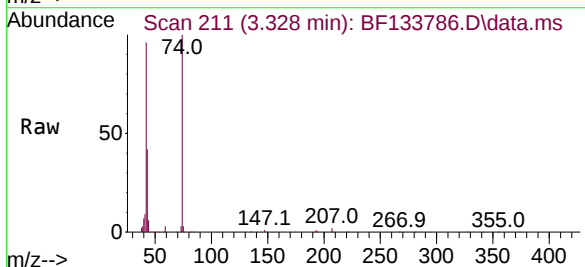
Instrument :
BNA_F
ClientSampleId :
PB153350BS

Tgt Ion: 79 Resp: 231463
Ion Ratio Lower Upper
79 100
52 83.4 68.6 102.8
51 44.5 34.8 52.2



#4
n-Nitrosodimethylamine
Concen: 37.915 ng
RT: 3.328 min Scan# 211
Delta R.T. 0.082 min
Lab File: BF133786.D
Acq: 15 Jun 2023 21:20

Tgt Ion: 42 Resp: 175992
Ion Ratio Lower Upper
42 100
74 104.6 79.8 119.8
44 6.6 4.7 7.1

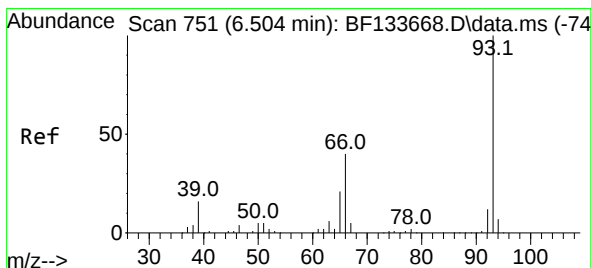
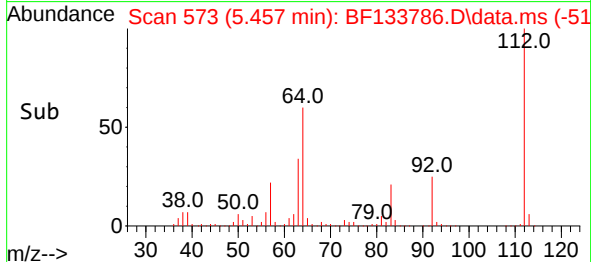
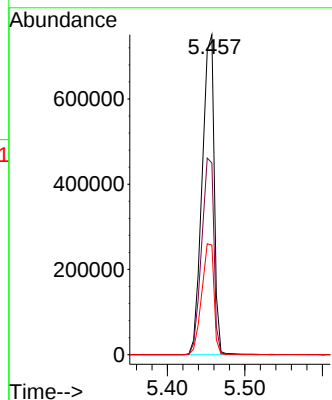
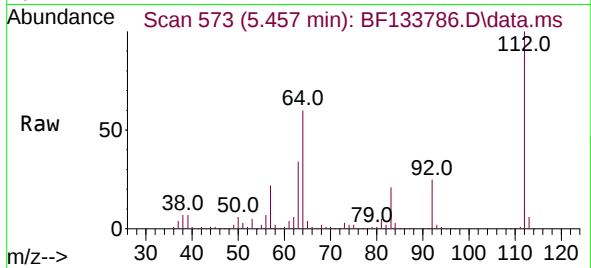




#5
2-Fluorophenol
Concen: 123.794 ng
RT: 5.457 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF133786.D
Acq: 15 Jun 2023 21:20

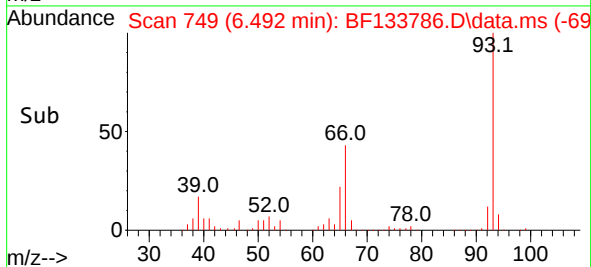
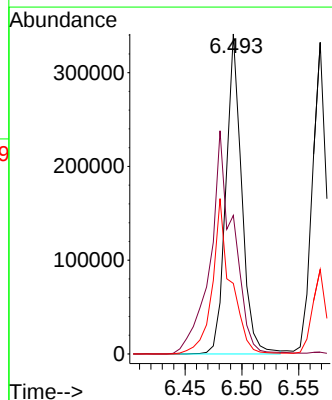
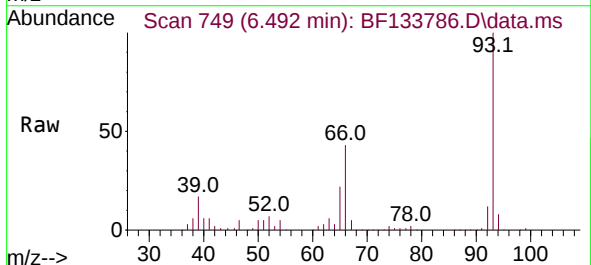
Instrument :
BNA_F
ClientSampleId :
PB153350BS

Tgt Ion:112 Resp: 811249
Ion Ratio Lower Upper
112 100
64 59.9 49.0 73.4
63 34.3 26.8 40.2



#6
Aniline
Concen: 30.705 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF133786.D
Acq: 15 Jun 2023 21:20

Tgt Ion: 93 Resp: 329884
Ion Ratio Lower Upper
93 100
66 43.3 34.4 51.6
65 22.1 17.5 26.3

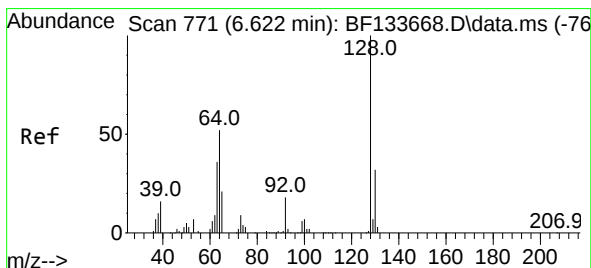
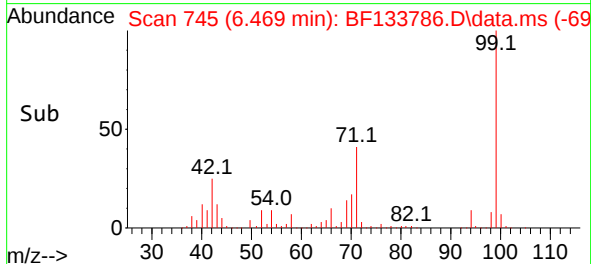
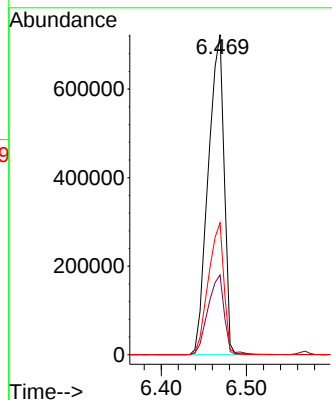
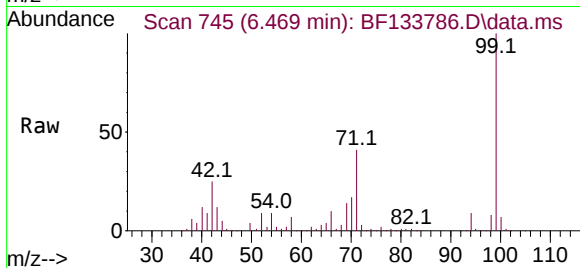




#7
Phenol-d6
Concen: 109.836 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.006 min
Lab File: BF133786.D
Acq: 15 Jun 2023 21:20

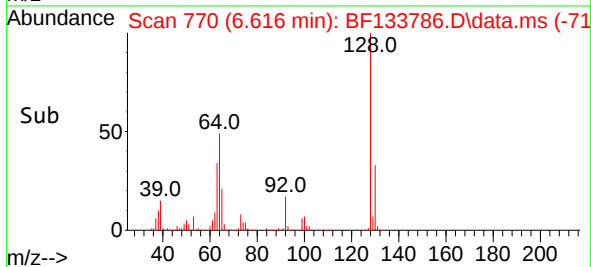
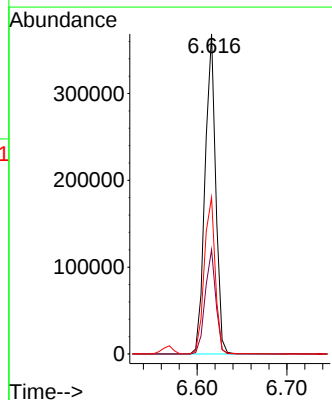
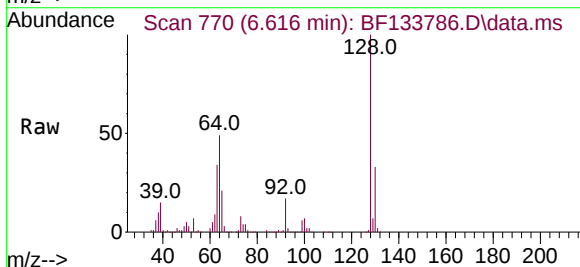
Instrument :
BNA_F
ClientSampleId :
PB153350BS

Tgt Ion: 99 Resp: 936910
Ion Ratio Lower Upper
99 100
42 24.9 19.9 29.9
71 41.2 32.2 48.4



#8
2-Chlorophenol
Concen: 44.193 ng
RT: 6.616 min Scan# 770
Delta R.T. -0.000 min
Lab File: BF133786.D
Acq: 15 Jun 2023 21:20

Tgt Ion:128 Resp: 305199
Ion Ratio Lower Upper
128 100
130 32.6 12.3 52.3
64 48.9 33.1 73.1

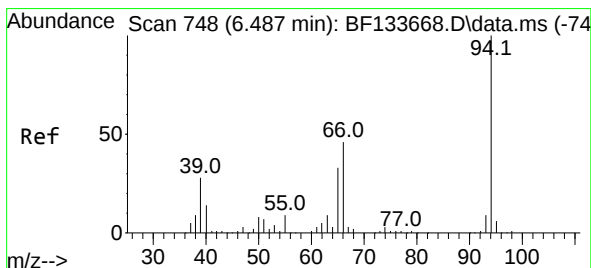
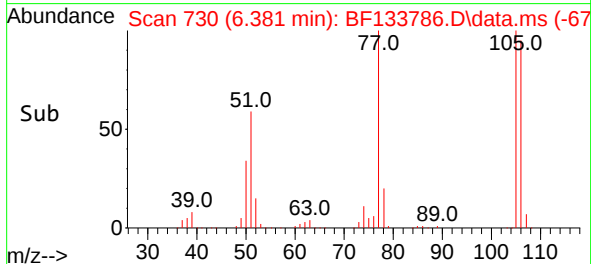
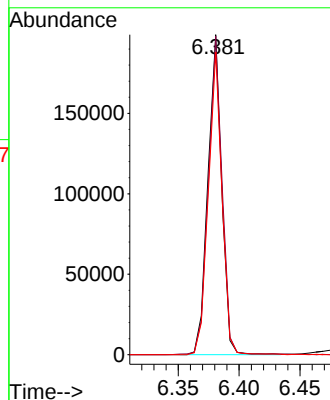
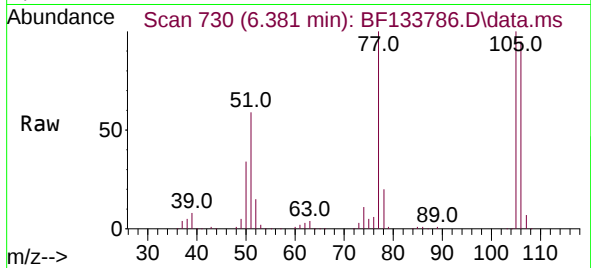




#9
Benzaldehyde
Concen: 27.562 ng
RT: 6.381 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF133786.D
Acq: 15 Jun 2023 21:20

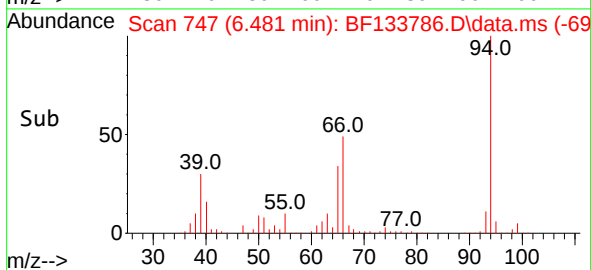
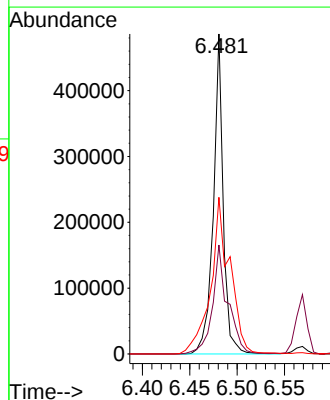
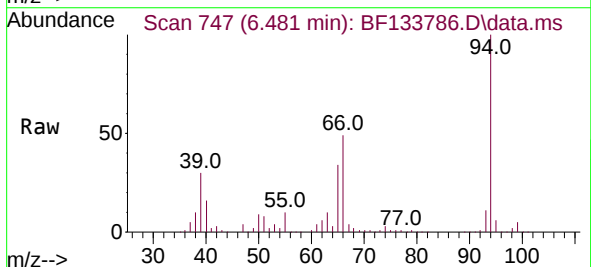
Instrument :
BNA_F
ClientSampleId :
PB153350BS

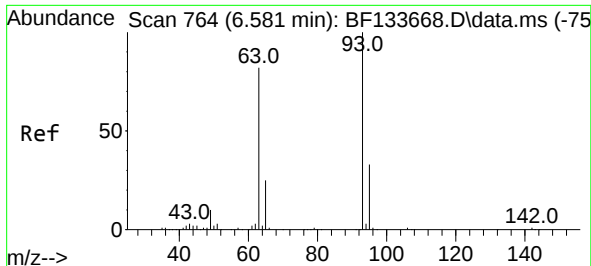
Tgt Ion: 77 Resp: 155983
Ion Ratio Lower Upper
77 100
105 99.5 82.0 122.0
106 94.6 77.6 117.6



#10
Phenol
Concen: 39.559 ng
RT: 6.481 min Scan# 747
Delta R.T. 0.006 min
Lab File: BF133786.D
Acq: 15 Jun 2023 21:20

Tgt Ion: 94 Resp: 352352
Ion Ratio Lower Upper
94 100
65 34.1 13.2 53.2
66 49.0 26.1 66.1

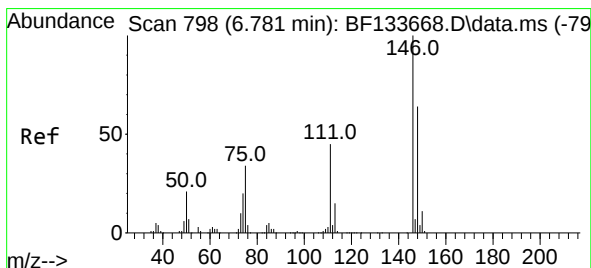
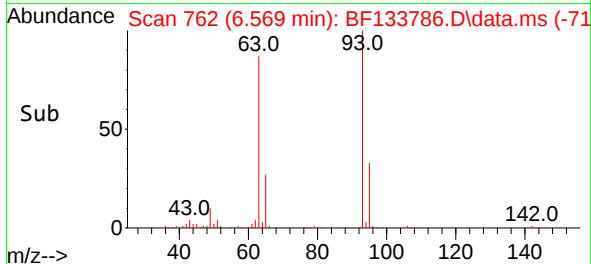
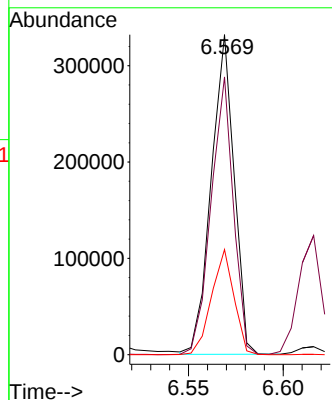
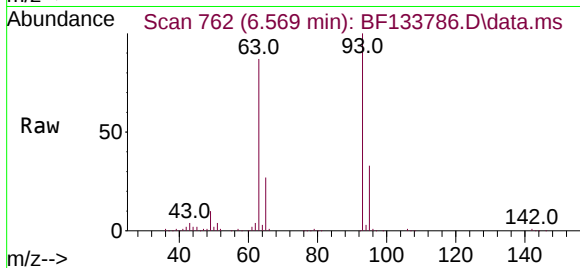




#11
bis(2-Chloroethyl)ether
Concen: 42.294 ng
RT: 6.569 min Scan# 762
Delta R.T. -0.000 min
Lab File: BF133786.D
Acq: 15 Jun 2023 21:20

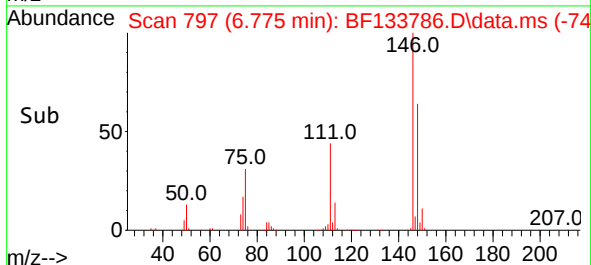
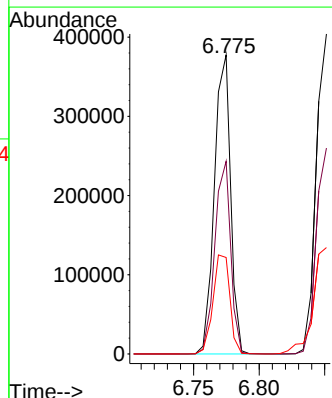
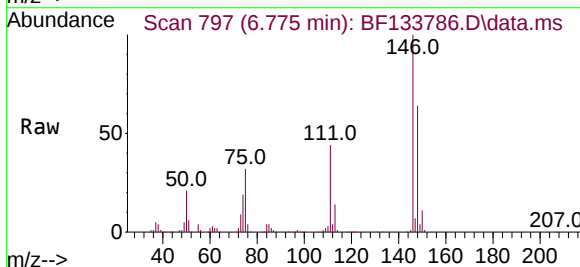
Instrument :
BNA_F
ClientSampleId :
PB153350BS

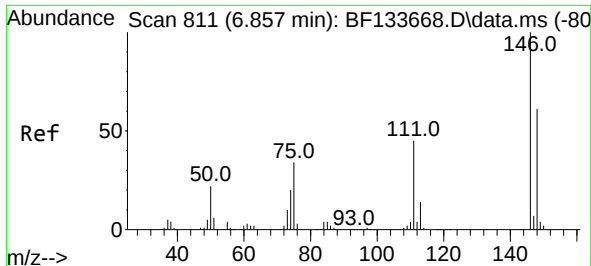
Tgt Ion: 93 Resp: 279673
Ion Ratio Lower Upper
93 100
63 86.8 62.1 102.1
95 32.9 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 43.919 ng
RT: 6.775 min Scan# 797
Delta R.T. -0.000 min
Lab File: BF133786.D
Acq: 15 Jun 2023 21:20

Tgt Ion:146 Resp: 324068
Ion Ratio Lower Upper
146 100
148 64.4 50.9 76.3
75 32.3 27.1 40.7





#13

1,4-Dichlorobenzene

Concen: 43.795 ng

RT: 6.851 min Scan# 811

Delta R.T. -0.000 min

Lab File: BF133786.D

Acq: 15 Jun 2023 21:20

Instrument :

BNA_F

ClientSampleId :

PB153350BS

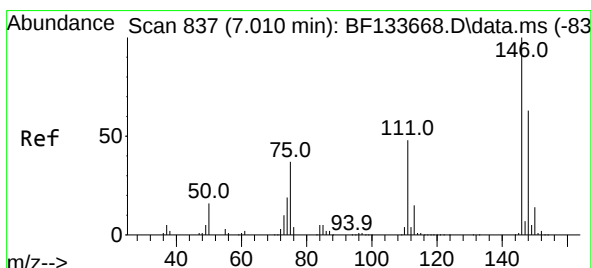
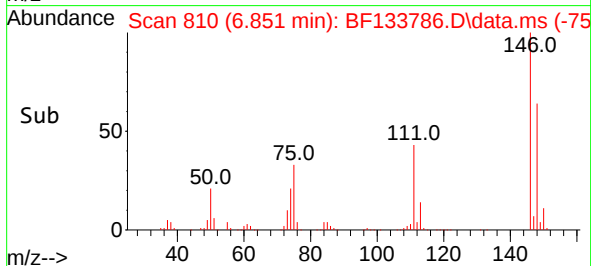
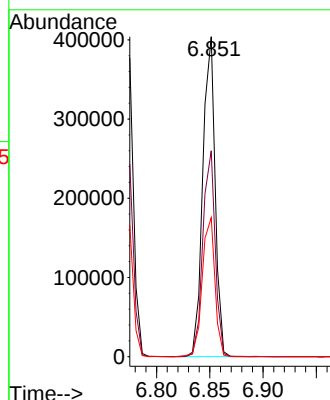
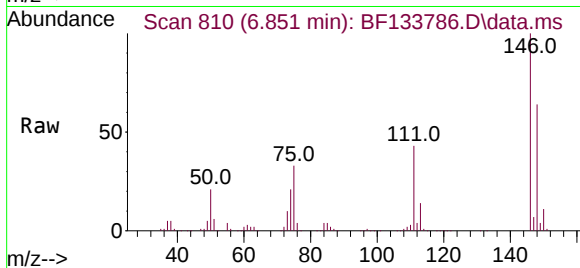
Tgt Ion:146 Resp: 326618

Ion Ratio Lower Upper

146 100

148 64.3 48.9 73.3

111 43.4 35.8 53.6



#14

1,2-Dichlorobenzene

Concen: 45.533 ng

RT: 7.004 min Scan# 836

Delta R.T. -0.000 min

Lab File: BF133786.D

Acq: 15 Jun 2023 21:20

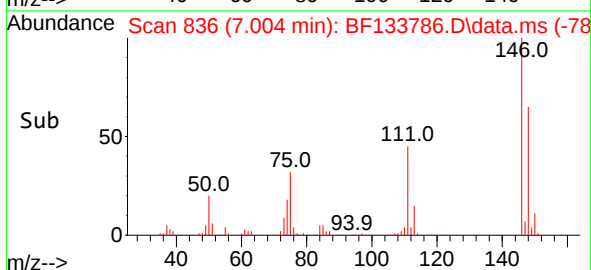
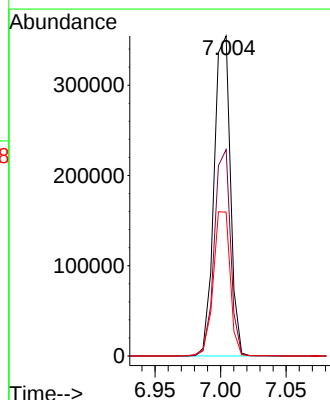
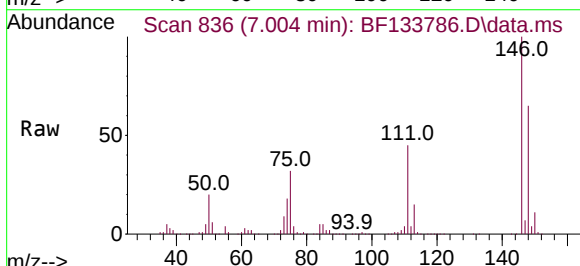
Tgt Ion:146 Resp: 306838

Ion Ratio Lower Upper

146 100

148 64.5 50.6 75.8

111 44.9 38.7 58.1

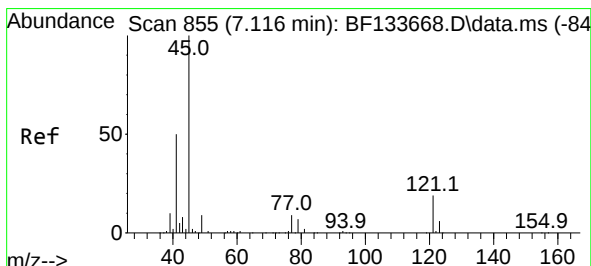
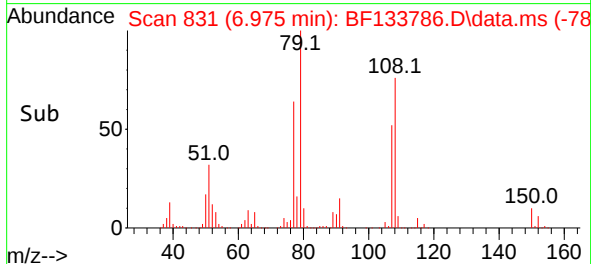
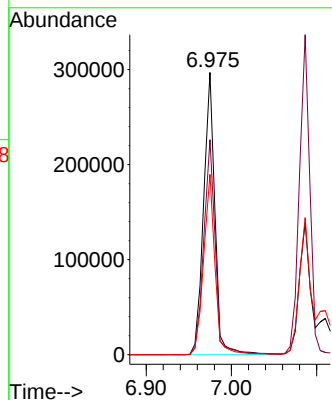
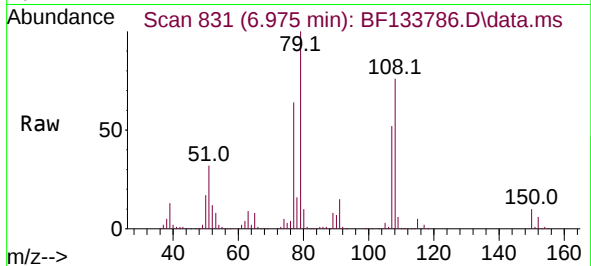




#15
Benzyl Alcohol
Concen: 41.257 ng
RT: 6.975 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF133786.D
Acq: 15 Jun 2023 21:20

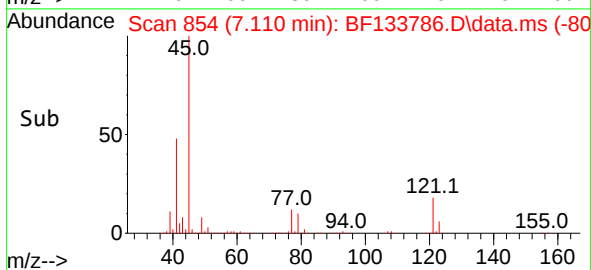
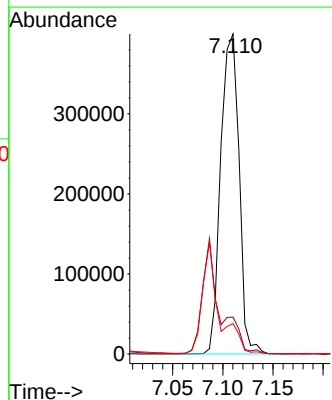
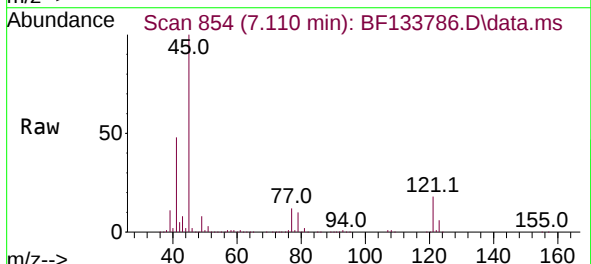
Instrument :
BNA_F
ClientSampleId :
PB153350BS

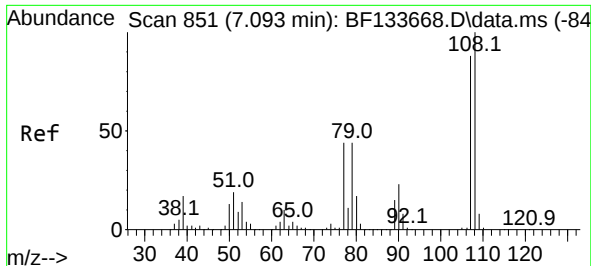
Tgt Ion: 79 Resp: 274866
Ion Ratio Lower Upper
79 100
108 76.2 57.9 86.9
77 63.9 50.4 75.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.261 ng
RT: 7.110 min Scan# 854
Delta R.T. -0.000 min
Lab File: BF133786.D
Acq: 15 Jun 2023 21:20

Tgt Ion: 45 Resp: 507339
Ion Ratio Lower Upper
45 100
77 11.6 0.0 32.3
79 9.5 0.0 29.4

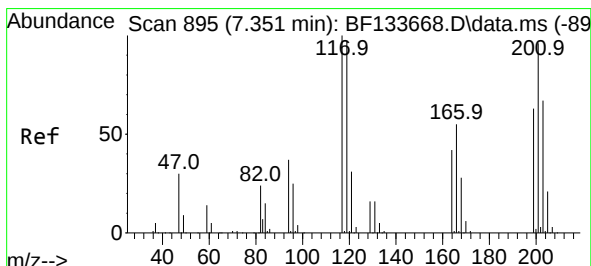
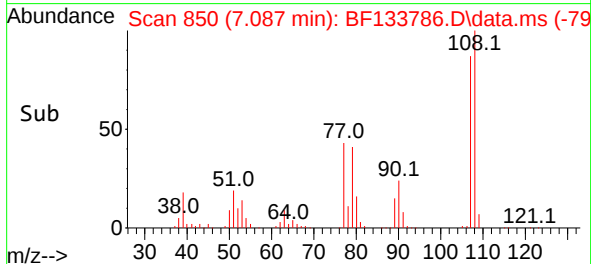
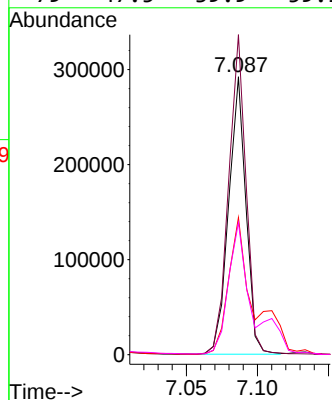
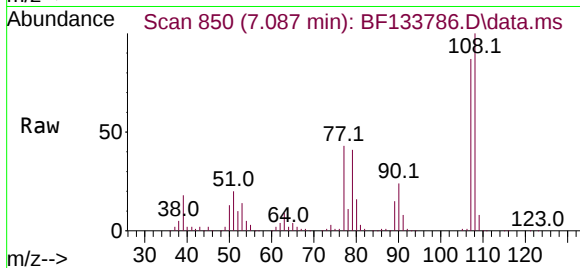




#17
2-Methylphenol
Concen: 40.544 ng
RT: 7.087 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF133786.D
Acq: 15 Jun 2023 21:20

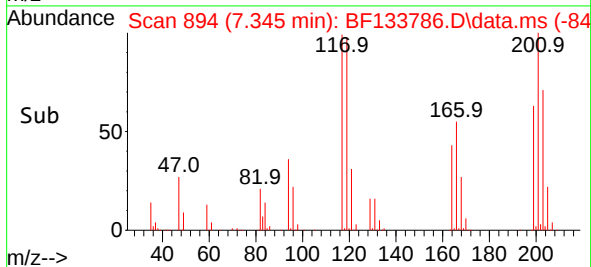
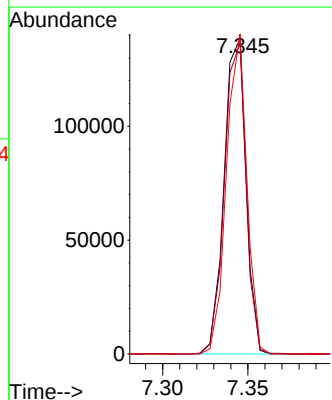
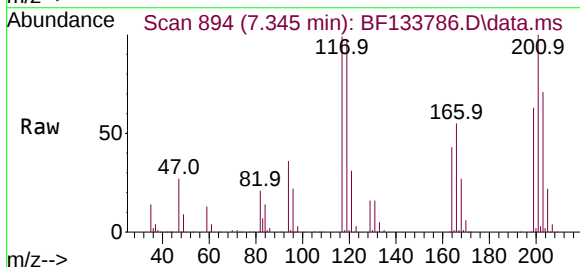
Instrument :
BNA_F
ClientSampleId :
PB153350BS

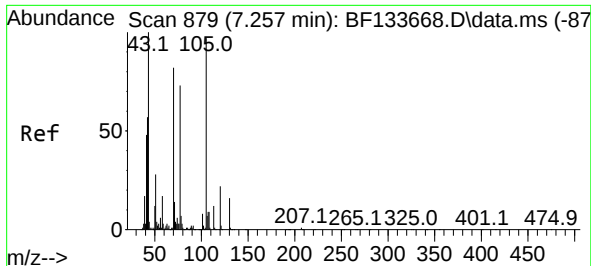
Tgt Ion:	107	Resp:	248176
Ion	Ratio	Lower	Upper
107	100		
108	115.1	90.9	136.3
77	49.3	39.8	59.6
79	47.5	39.9	59.9



#18
Hexachloroethane
Concen: 48.546 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.000 min
Lab File: BF133786.D
Acq: 15 Jun 2023 21:20

Tgt Ion:	117	Resp:	123946
Ion	Ratio	Lower	Upper
117	100		
119	98.6	77.3	115.9
201	101.4	76.8	115.2



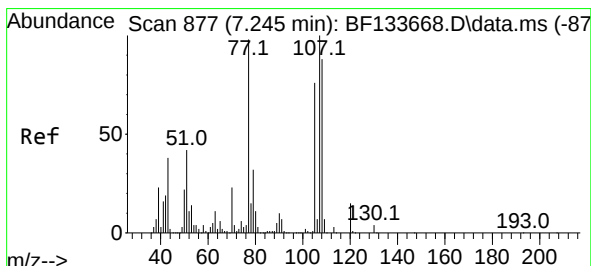
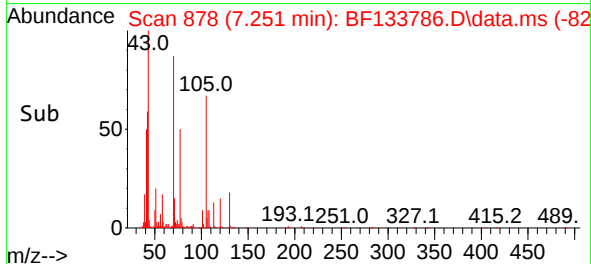
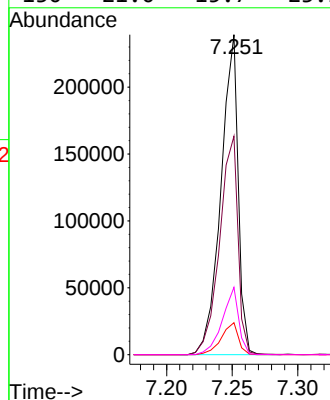
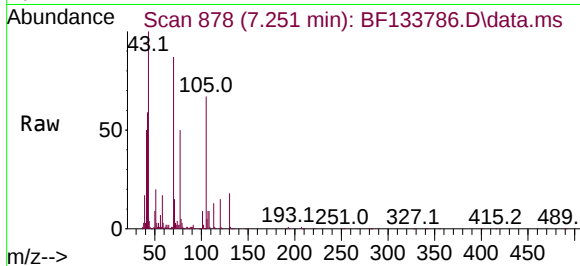


#19
n-Nitroso-di-n-propylamine
Concen: 40.304 ng
RT: 7.251 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF133786.D
Acq: 15 Jun 2023 21:20

Instrument :
BNA_F
ClientSampleId :
PB153350BS

Tgt Ion: 70 Resp: 218737

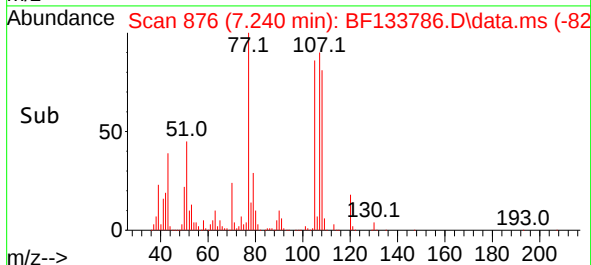
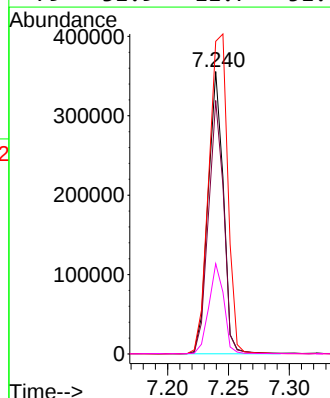
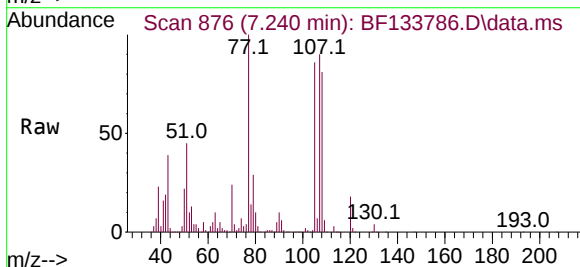
Ion	Ratio	Lower	Upper
70	100		
42	68.2	55.8	83.8
101	10.0	8.1	12.1
130	21.0	15.7	23.5

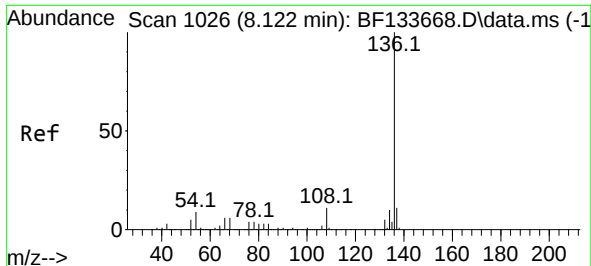


#20
3+4-Methylphenols
Concen: 38.807 ng
RT: 7.240 min Scan# 876
Delta R.T. -0.000 min
Lab File: BF133786.D
Acq: 15 Jun 2023 21:20

Tgt Ion: 107 Resp: 309016

Ion	Ratio	Lower	Upper
107	100		
108	89.8	67.9	107.9
77	110.7	77.7	117.7
79	31.9	11.7	51.7

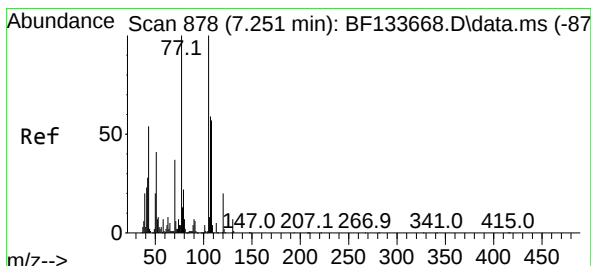
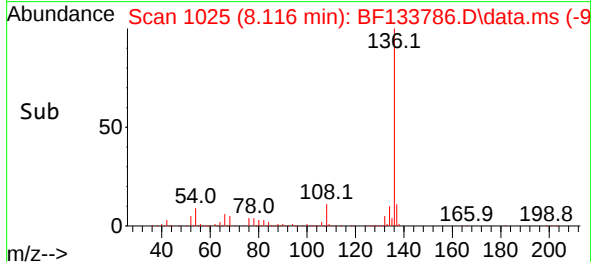
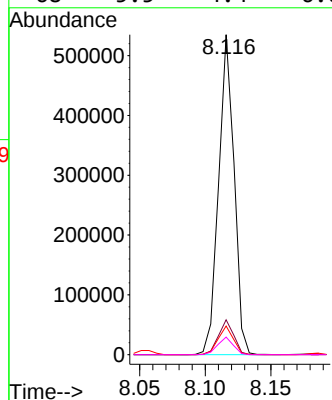
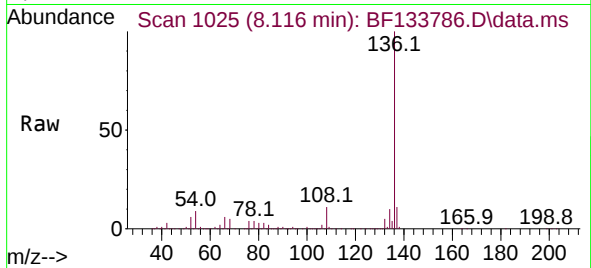




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF133786.D
Acq: 15 Jun 2023 21:20

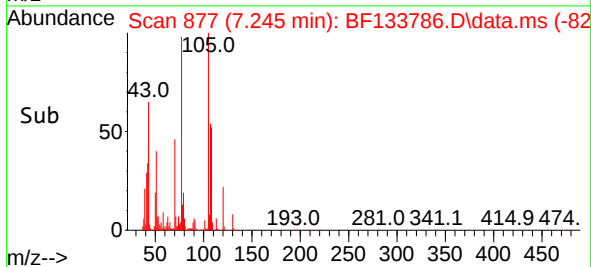
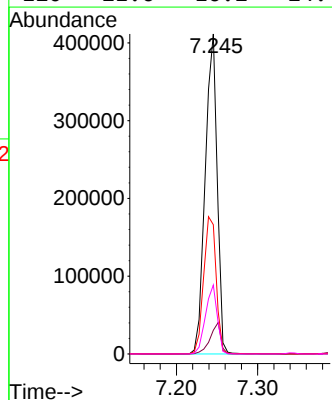
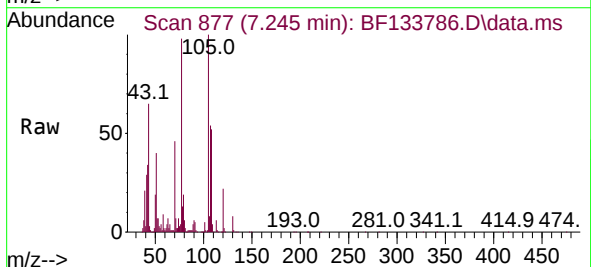
Instrument :
BNA_F
ClientSampleId :
PB153350BS

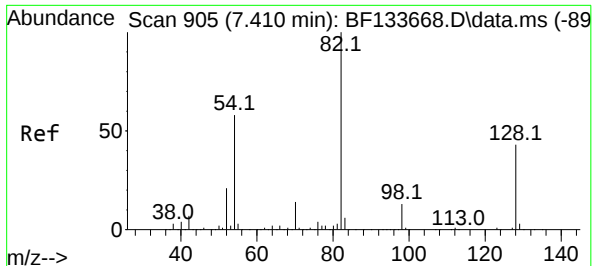
Tgt Ion:136 Resp: 438581
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 9.0 7.4 11.0
68 5.5 4.4 6.6



#22
Acetophenone
Concen: 41.752 ng
RT: 7.245 min Scan# 877
Delta R.T. -0.000 min
Lab File: BF133786.D
Acq: 15 Jun 2023 21:20

Tgt Ion:105 Resp: 419985
Ion Ratio Lower Upper
105 100
71 7.4 4.8 7.2#
51 40.4 33.0 49.4
120 21.6 16.2 24.4





#23

Nitrobenzene-d5

Concen: 105.740 ng

RT: 7.404 min Scan# 904

Delta R.T. 0.006 min

Lab File: BF133786.D

Acq: 15 Jun 2023 21:20

Instrument :

BNA_F

ClientSampleId :

PB153350BS

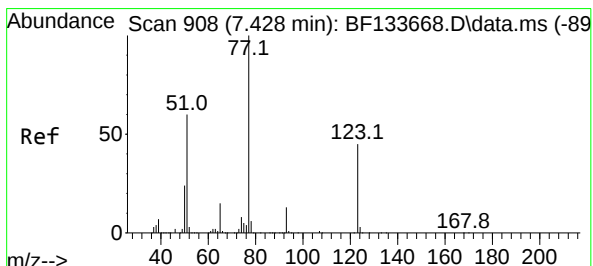
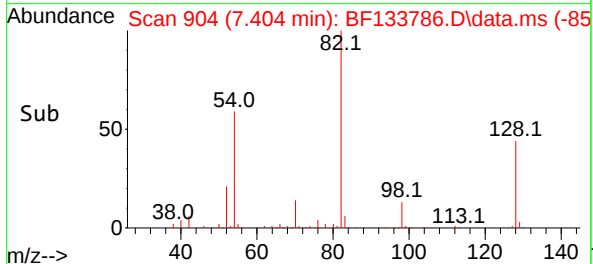
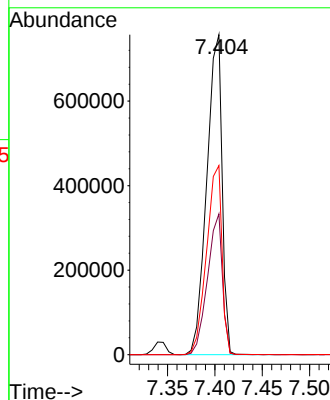
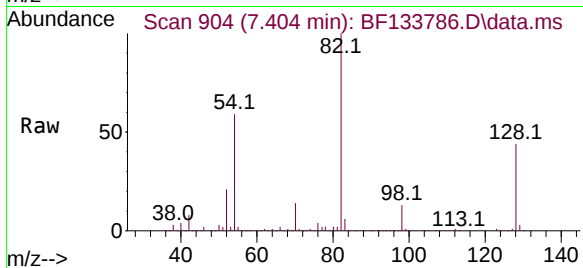
Tgt Ion: 82 Resp: 851449

Ion Ratio Lower Upper

82 100

128 44.0 34.2 51.2

54 59.1 46.5 69.7



#24

Nitrobenzene

Concen: 41.590 ng

RT: 7.422 min Scan# 907

Delta R.T. 0.006 min

Lab File: BF133786.D

Acq: 15 Jun 2023 21:20

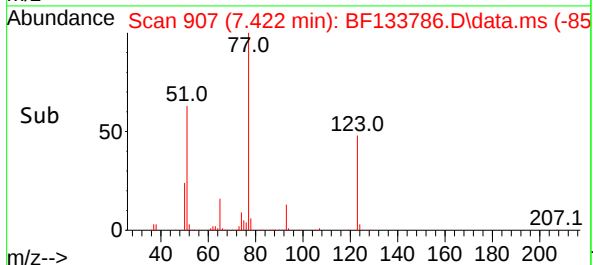
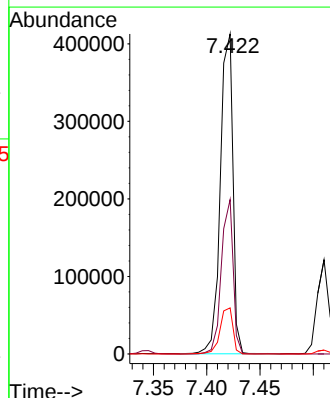
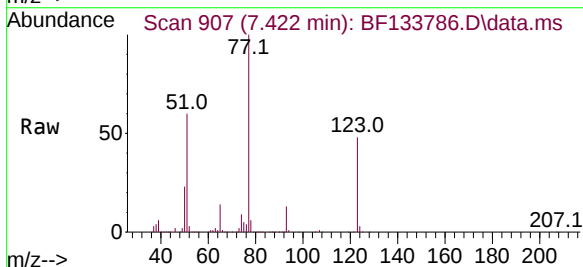
Tgt Ion: 77 Resp: 337215

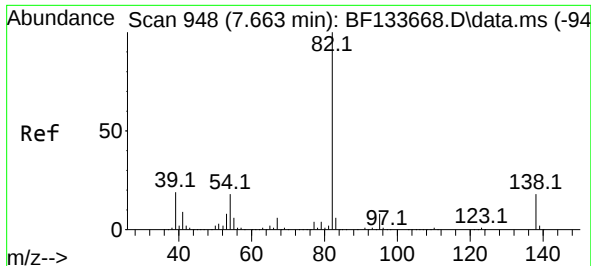
Ion Ratio Lower Upper

77 100

123 48.3 35.8 53.8

65 14.4 11.6 17.4

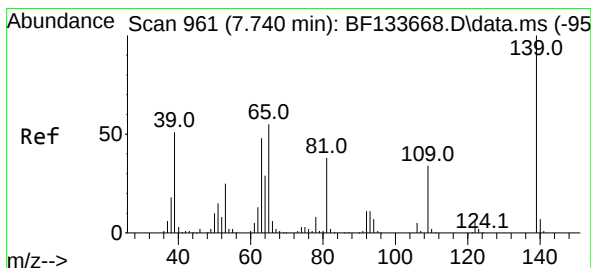
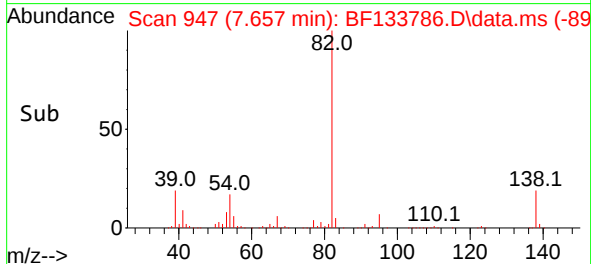
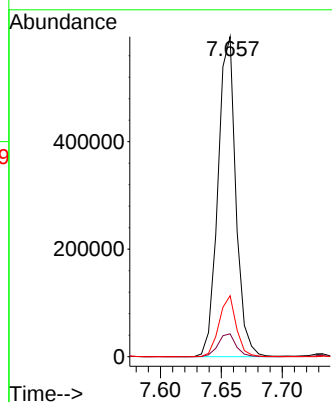
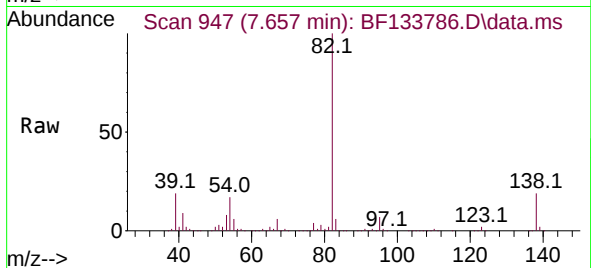




#25
Isophorone
Concen: 41.321 ng
RT: 7.657 min Scan# 94
Delta R.T. 0.006 min
Lab File: BF133786.D
Acq: 15 Jun 2023 21:20

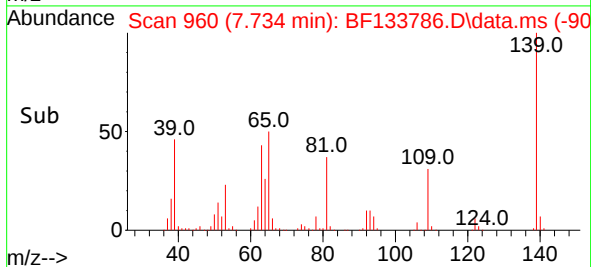
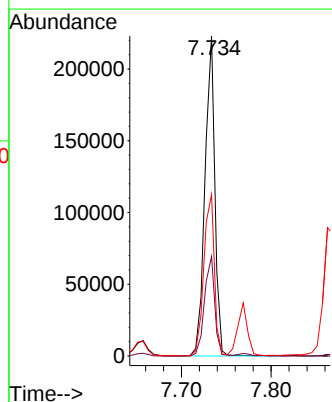
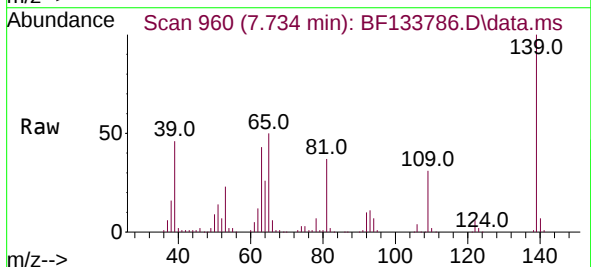
Instrument :
BNA_F
ClientSampleId :
PB153350BS

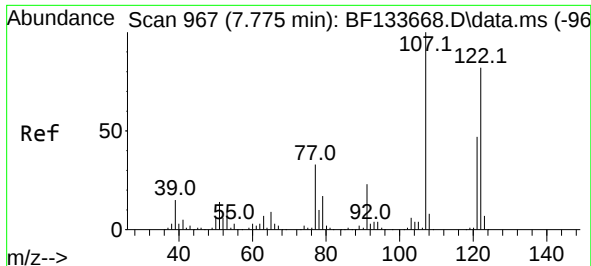
Tgt Ion: 82 Resp: 610843
Ion Ratio Lower Upper
82 100
95 7.2 6.0 9.0
138 19.0 14.2 21.2



#26
2-Nitrophenol
Concen: 47.111 ng
RT: 7.734 min Scan# 960
Delta R.T. -0.000 min
Lab File: BF133786.D
Acq: 15 Jun 2023 21:20

Tgt Ion:139 Resp: 171429
Ion Ratio Lower Upper
139 100
109 31.1 27.0 40.6
65 50.5 44.2 66.4





#27

2,4-Dimethylphenol

Concen: 39.170 ng

RT: 7.769 min Scan# 90

Delta R.T. -0.000 min

Lab File: BF133786.D

Acq: 15 Jun 2023 21:20

Instrument :

BNA_F

ClientSampleId :

PB153350BS

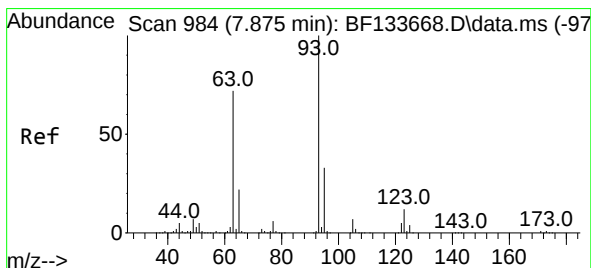
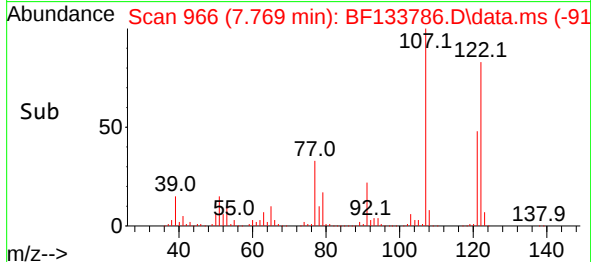
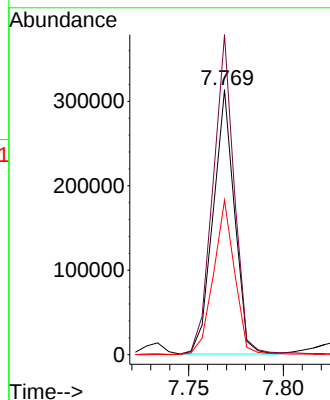
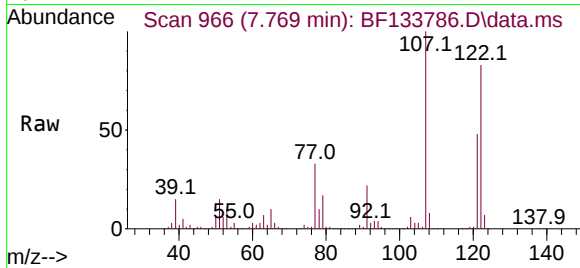
Tgt Ion:122 Resp: 245670

Ion Ratio Lower Upper

122 100

107 120.8 97.8 146.6

121 58.3 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 40.773 ng

RT: 7.863 min Scan# 982

Delta R.T. -0.000 min

Lab File: BF133786.D

Acq: 15 Jun 2023 21:20

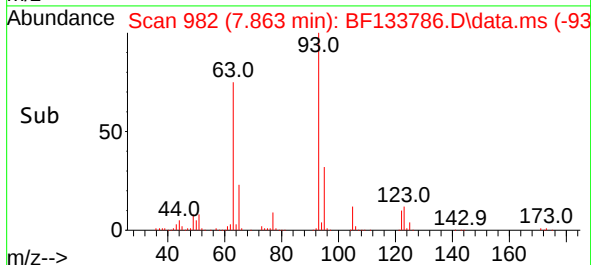
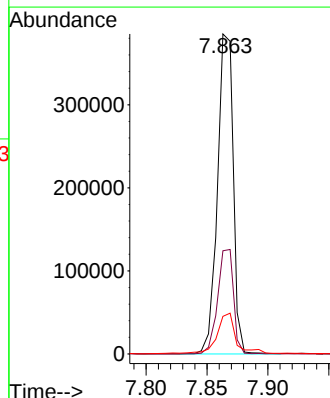
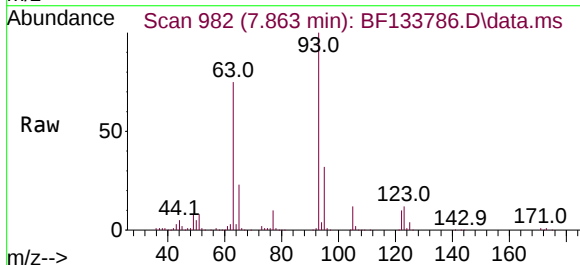
Tgt Ion: 93 Resp: 348368

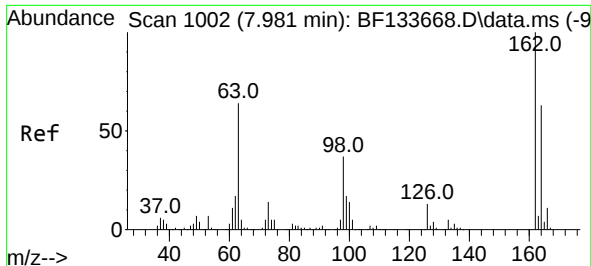
Ion Ratio Lower Upper

93 100

95 32.3 26.4 39.6

123 11.8 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 41.872 ng

RT: 7.975 min Scan# 1001

Delta R.T. 0.006 min

Lab File: BF133786.D

Acq: 15 Jun 2023 21:20

Instrument :

BNA_F

ClientSampleId :

PB153350BS

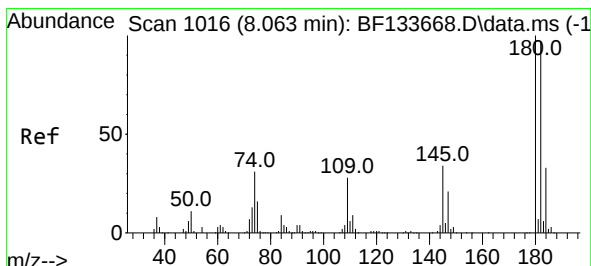
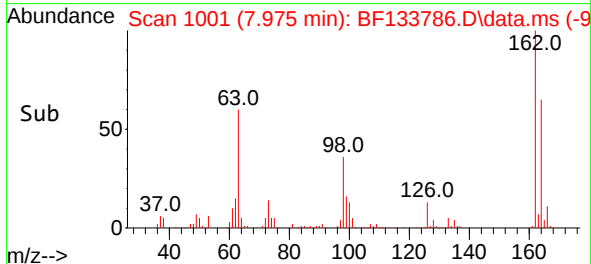
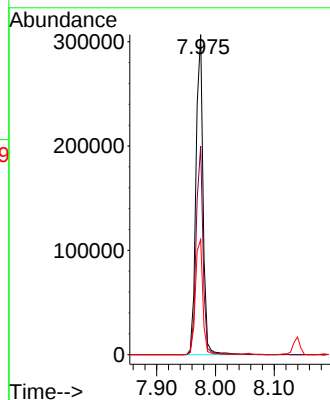
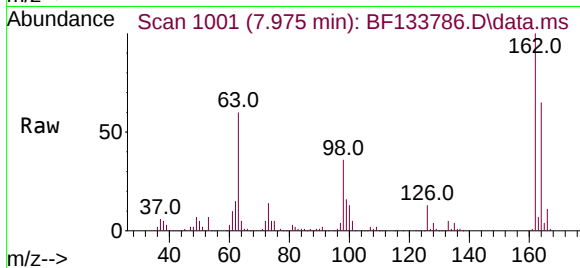
Tgt Ion:162 Resp: 257388

Ion Ratio Lower Upper

162 100

164 65.2 43.4 83.4

98 35.9 17.4 57.4



#30

1,2,4-Trichlorobenzene

Concen: 41.986 ng

RT: 8.057 min Scan# 1015

Delta R.T. -0.000 min

Lab File: BF133786.D

Acq: 15 Jun 2023 21:20

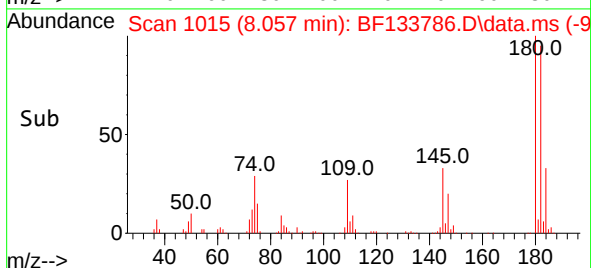
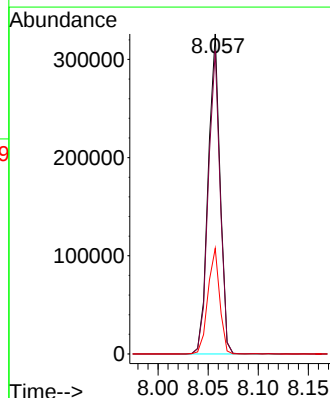
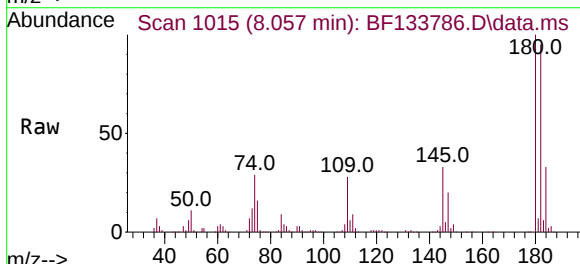
Tgt Ion:180 Resp: 269270

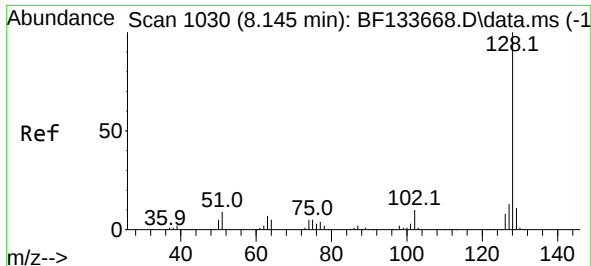
Ion Ratio Lower Upper

180 100

182 94.8 77.8 116.8

145 33.0 27.0 40.4

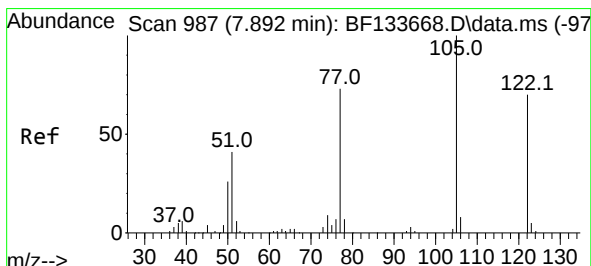
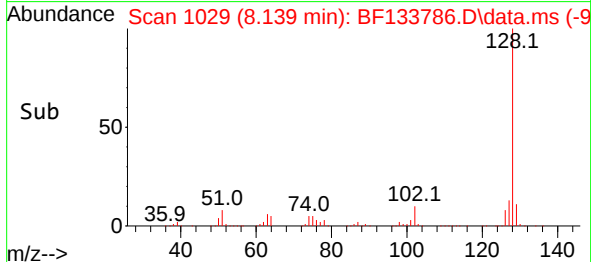
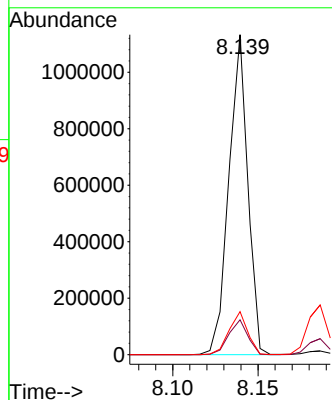
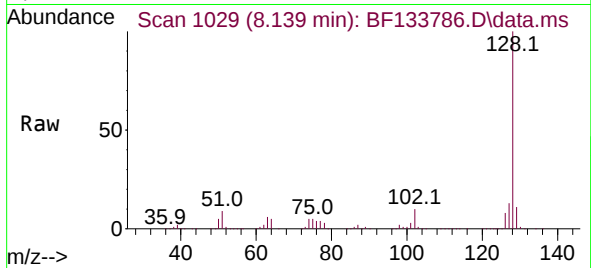




#31
Naphthalene
Concen: 40.940 ng
RT: 8.139 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF133786.D
Acq: 15 Jun 2023 21:20

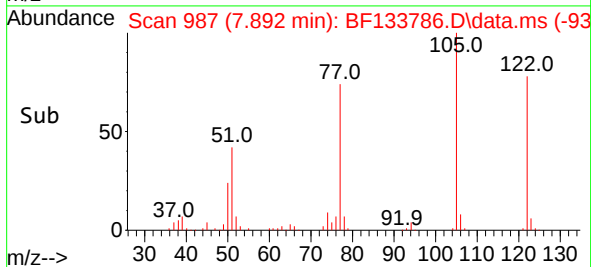
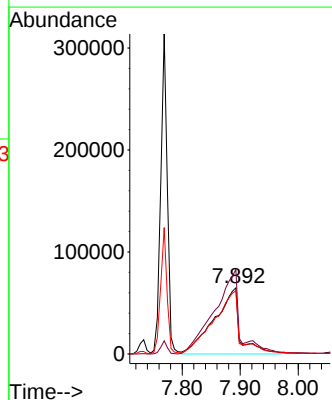
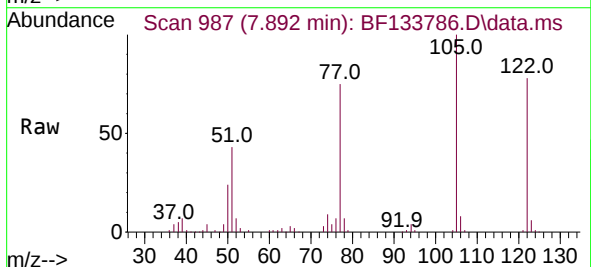
Instrument :
BNA_F
ClientSampleId :
PB153350BS

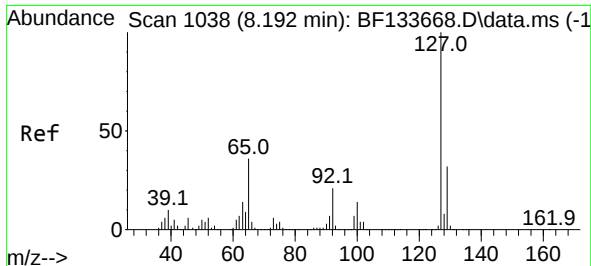
Tgt Ion:128 Resp: 874790
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.5 10.5 15.7



#32
Benzoic acid
Concen: 51.060 ng m
RT: 7.892 min Scan# 987
Delta R.T. 0.012 min
Lab File: BF133786.D
Acq: 15 Jun 2023 21:20

Tgt Ion:122 Resp: 201973
Ion Ratio Lower Upper
122 100
105 127.8 116.3 156.3
77 95.5 82.4 122.4

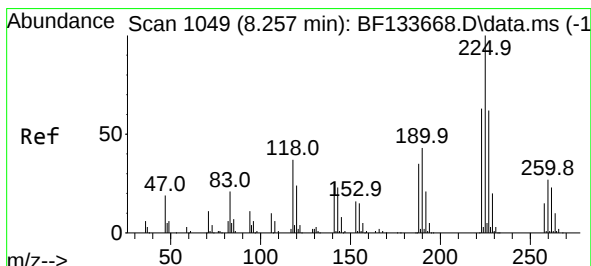
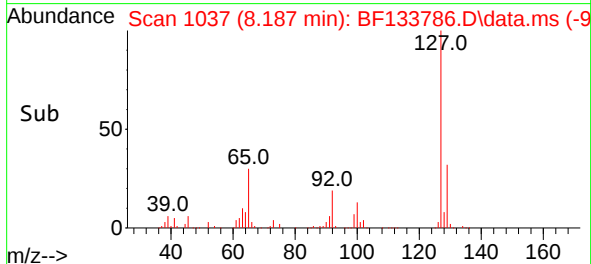
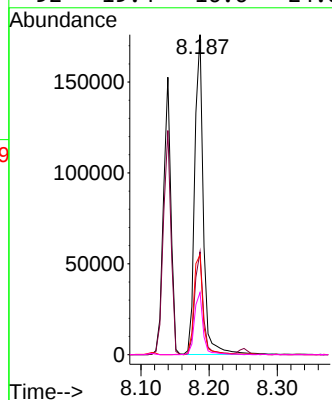
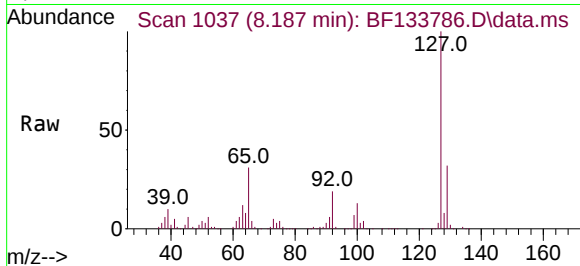




#33
4-Chloroaniline
Concen: 16.797 ng
RT: 8.187 min Scan# 1037
Delta R.T. -0.000 min
Lab File: BF133786.D
Acq: 15 Jun 2023 21:20

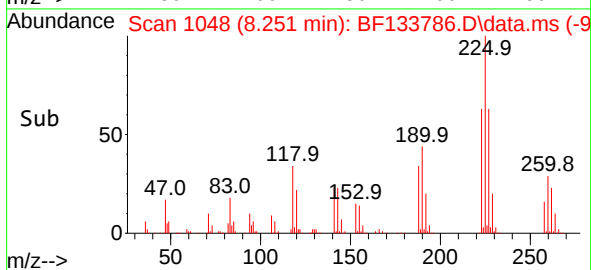
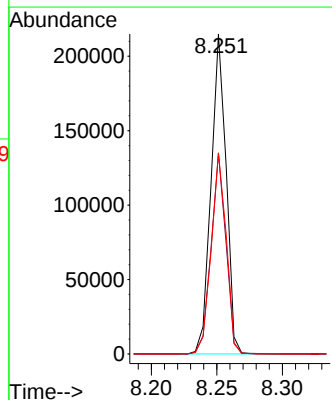
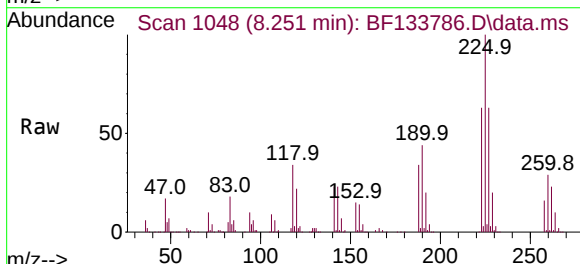
Instrument :
BNA_F
ClientSampleId :
PB153350BS

Tgt Ion:	127	Resp:	153460
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.6	38.4
65	31.2	28.9	43.3
92	19.4	16.6	24.8



#34
Hexachlorobutadiene
Concen: 40.822 ng
RT: 8.251 min Scan# 1048
Delta R.T. -0.000 min
Lab File: BF133786.D
Acq: 15 Jun 2023 21:20

Tgt Ion:	225	Resp:	171412
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.2	75.4
227	62.8	49.5	74.3

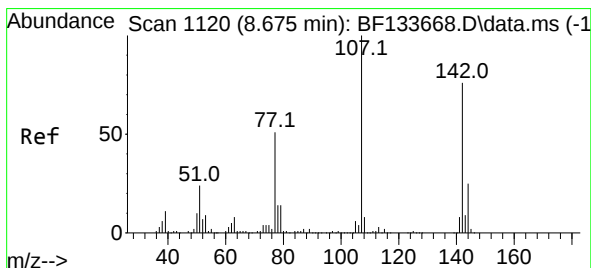
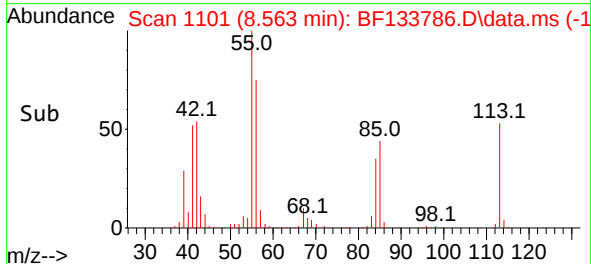
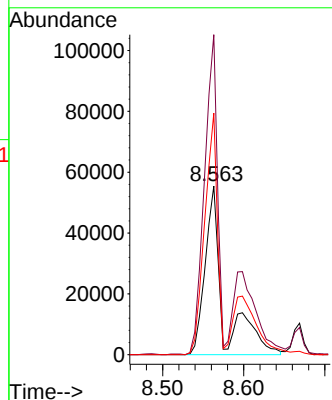
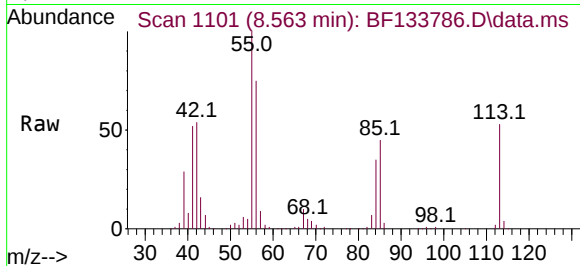




#35
 Caprolactam
 Concen: 42.467 ng m
 RT: 8.563 min Scan# 1119
 Delta R.T. -0.000 min
 Lab File: BF133786.D
 Acq: 15 Jun 2023 21:20

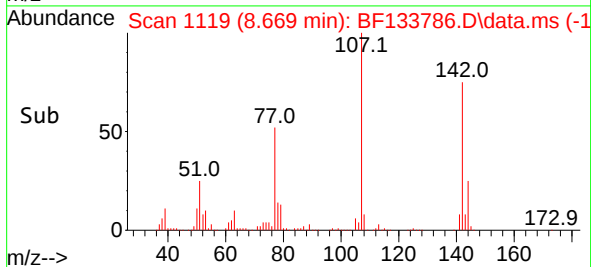
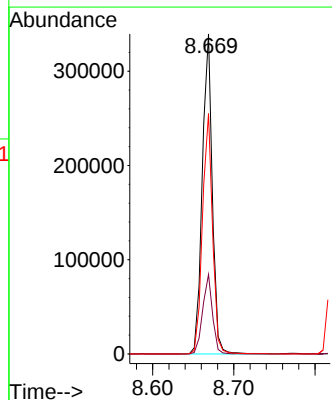
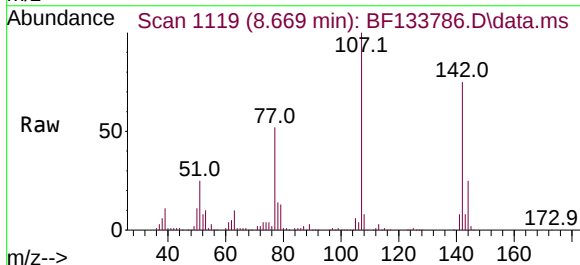
Instrument :
 BNA_F
 ClientSampleId :
 PB153350BS

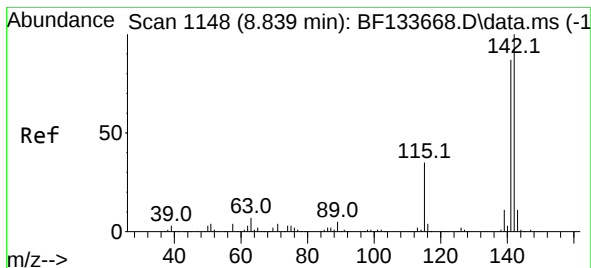
Tgt Ion:113 Resp: 87840
 Ion Ratio Lower Upper
 113 100
 55 189.7 173.3 213.3
 56 143.2 120.5 160.5



#36
 4-Chloro-3-methylphenol
 Concen: 41.127 ng
 RT: 8.669 min Scan# 1119
 Delta R.T. 0.006 min
 Lab File: BF133786.D
 Acq: 15 Jun 2023 21:20

Tgt Ion:107 Resp: 291397
 Ion Ratio Lower Upper
 107 100
 144 24.9 19.7 29.5
 142 75.1 61.1 91.7





#37

2-Methylnaphthalene

Concen: 39.659 ng

RT: 8.828 min Scan# 1146

Delta R.T. -0.000 min

Lab File: BF133786.D

Acq: 15 Jun 2023 21:20

Instrument :

BNA_F

ClientSampleId :

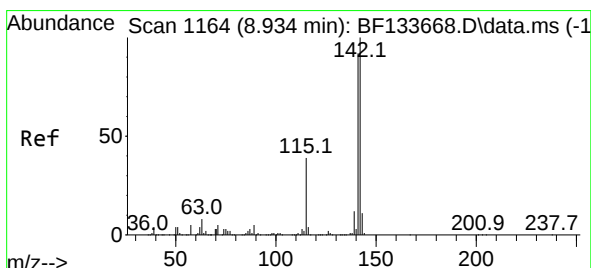
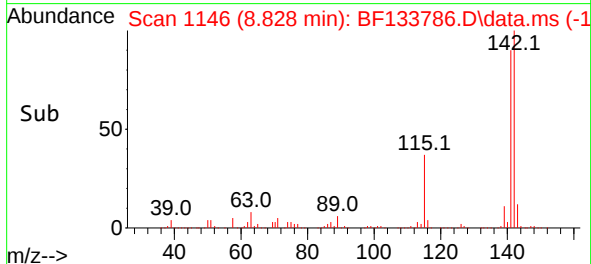
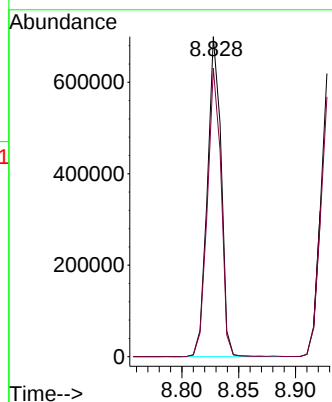
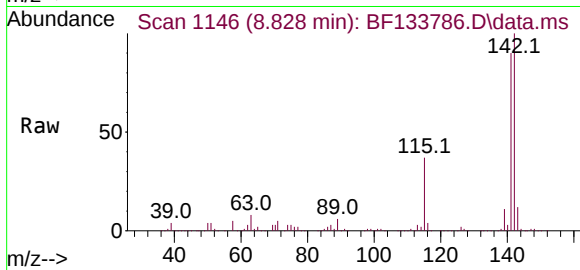
PB153350BS

Tgt Ion:142 Resp: 588796

Ion Ratio Lower Upper

142 100

141 90.2 69.8 104.8



#38

1-Methylnaphthalene

Concen: 36.640 ng

RT: 8.928 min Scan# 1163

Delta R.T. -0.000 min

Lab File: BF133786.D

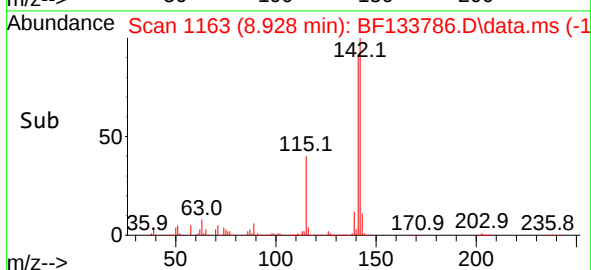
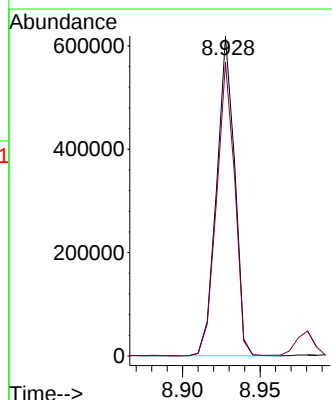
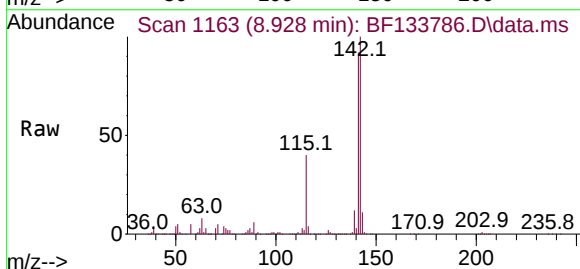
Acq: 15 Jun 2023 21:20

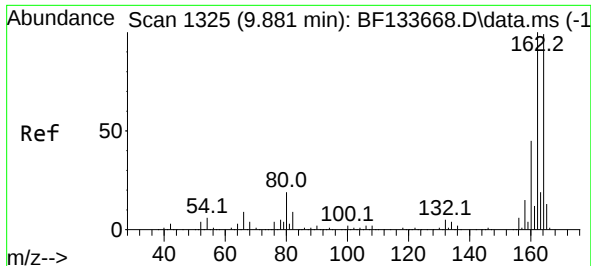
Tgt Ion:142 Resp: 500558

Ion Ratio Lower Upper

142 100

141 91.8 73.4 110.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1175

Delta R.T. 0.006 min

Lab File: BF133786.D

Acq: 15 Jun 2023 21:20

Instrument :

BNA_F

ClientSampleId :

PB153350BS

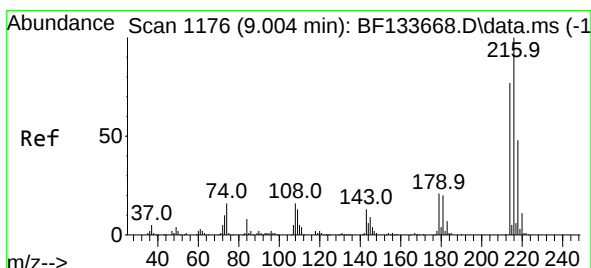
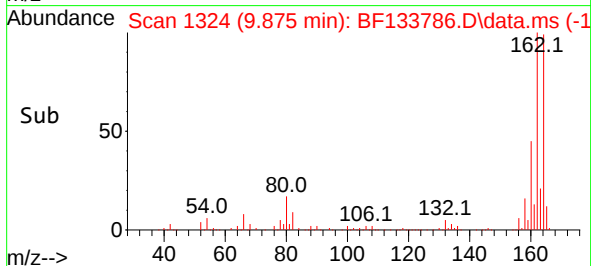
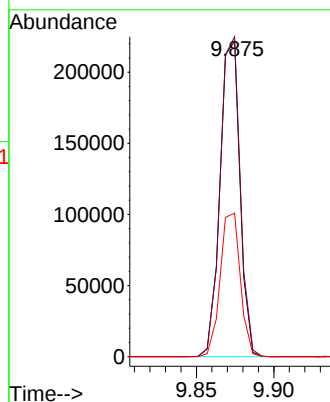
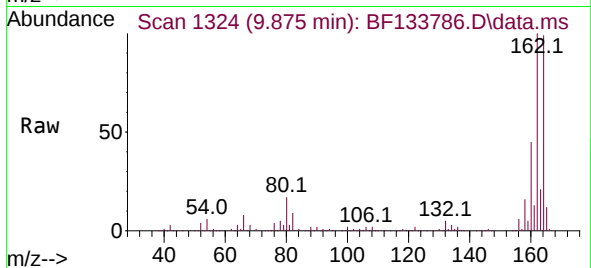
Tgt Ion:164 Resp: 198617

Ion Ratio Lower Upper

164 100

162 101.4 80.8 121.2

160 45.5 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.301 ng

RT: 8.998 min Scan# 1175

Delta R.T. 0.006 min

Lab File: BF133786.D

Acq: 15 Jun 2023 21:20

Tgt Ion:216 Resp: 261459

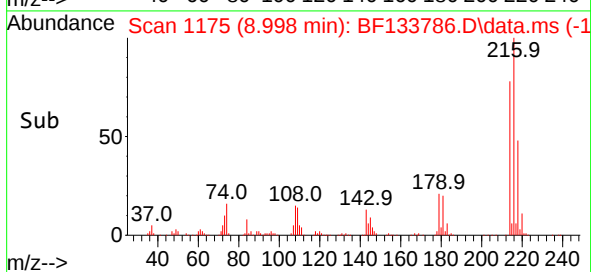
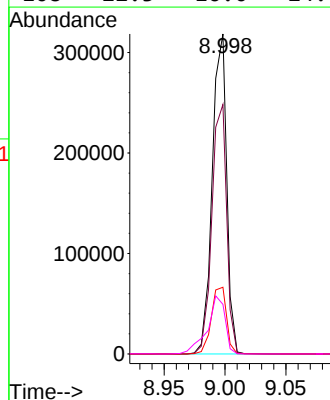
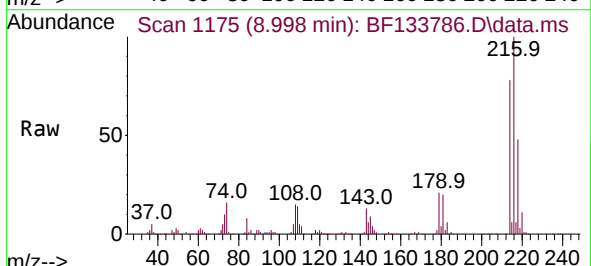
Ion Ratio Lower Upper

216 100

214 80.0 62.7 94.1

179 21.9 17.6 26.4

108 22.3 16.0 24.0

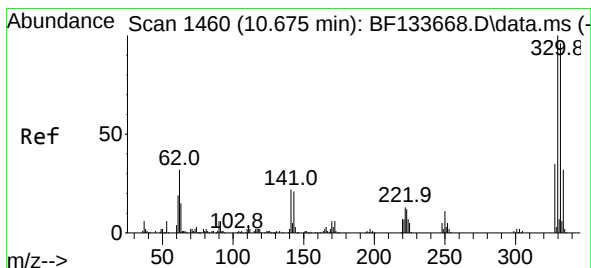
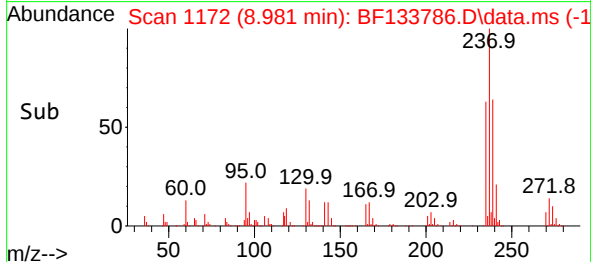
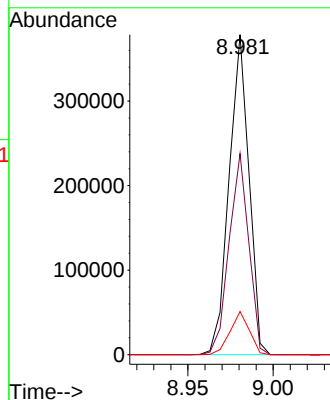
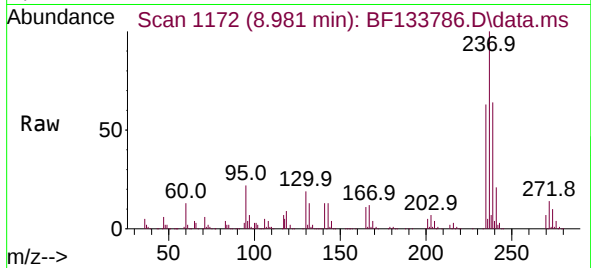




#41
Hexachlorocyclopentadiene
Concen: 113.732 ng
RT: 8.981 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF133786.D
Acq: 15 Jun 2023 21:20

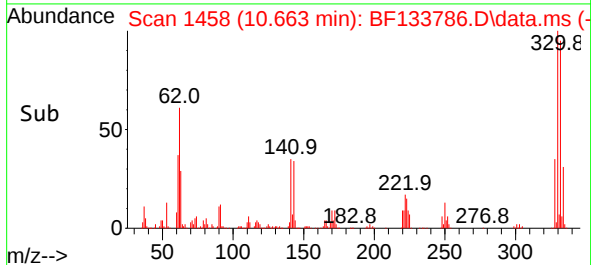
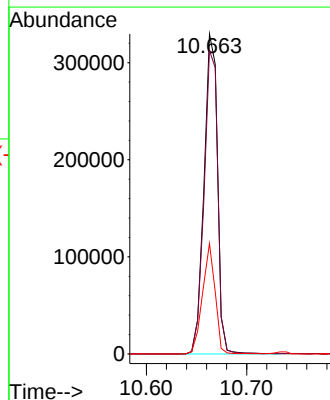
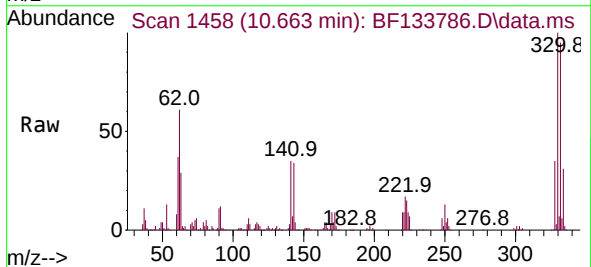
Instrument :
BNA_F
ClientSampleId :
PB153350BS

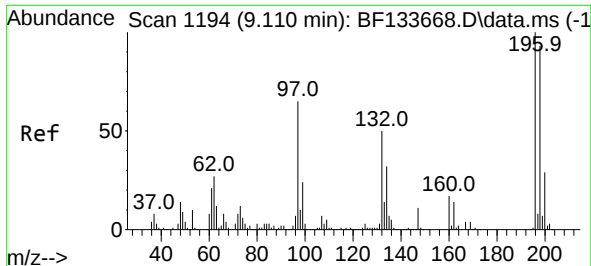
Tgt Ion:237 Resp: 306028
Ion Ratio Lower Upper
237 100
235 62.9 40.6 80.6
272 13.5 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 123.247 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BF133786.D
Acq: 15 Jun 2023 21:20

Tgt Ion:330 Resp: 309860
Ion Ratio Lower Upper
330 100
332 96.3 77.2 115.8
141 32.3 24.9 37.3

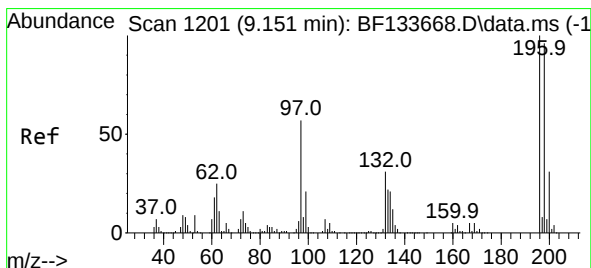
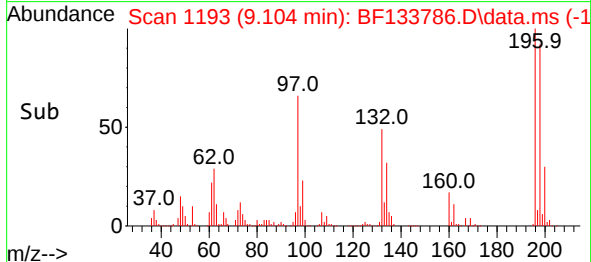
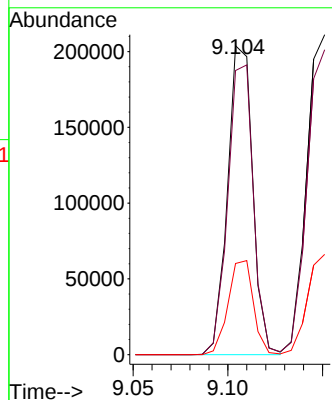
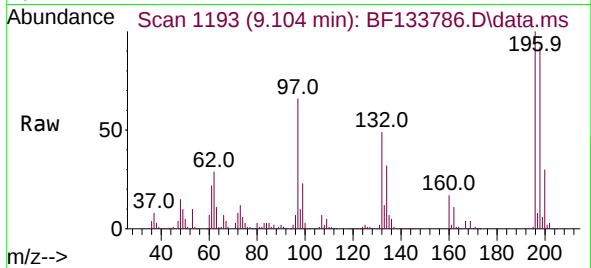




#43
2,4,6-Trichlorophenol
Concen: 46.671 ng
RT: 9.104 min Scan# 1194
Delta R.T. -0.000 min
Lab File: BF133786.D
Acq: 15 Jun 2023 21:20

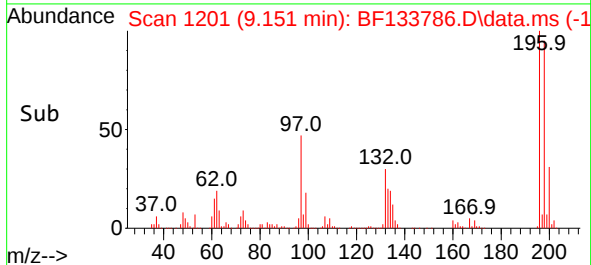
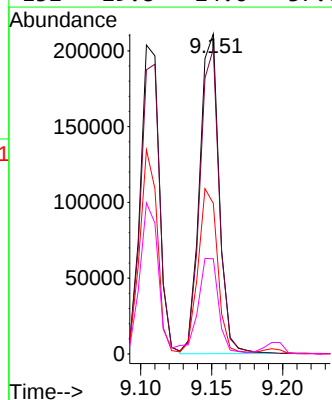
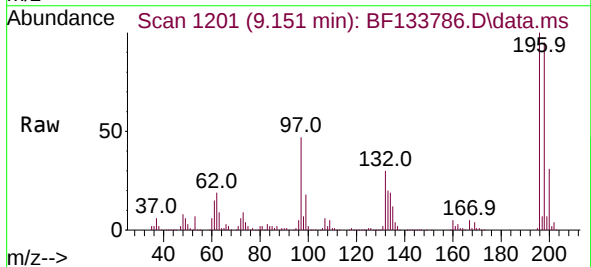
Instrument :
BNA_F
ClientSampleId :
PB153350BS

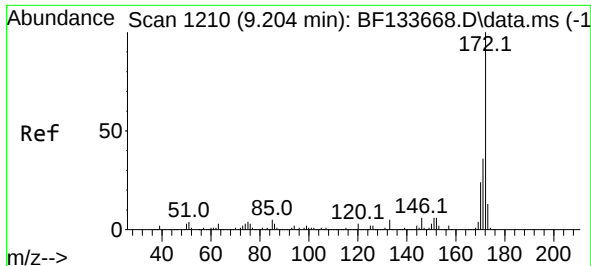
Tgt Ion:196 Resp: 188314
Ion Ratio Lower Upper
196 100
198 92.0 74.5 111.7
200 29.5 22.9 34.3



#44
2,4,5-Trichlorophenol
Concen: 43.049 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.006 min
Lab File: BF133786.D
Acq: 15 Jun 2023 21:20

Tgt Ion:196 Resp: 202080
Ion Ratio Lower Upper
196 100
198 95.3 76.8 115.2
97 47.1 45.4 68.2
132 29.8 24.6 37.0





#45

2-Fluorobiphenyl

Concen: 106.380 ng

RT: 9.198 min Scan# 1209

Delta R.T. 0.006 min

Lab File: BF133786.D

Acq: 15 Jun 2023 21:20

Instrument :

BNA_F

ClientSampleId :

PB153350BS

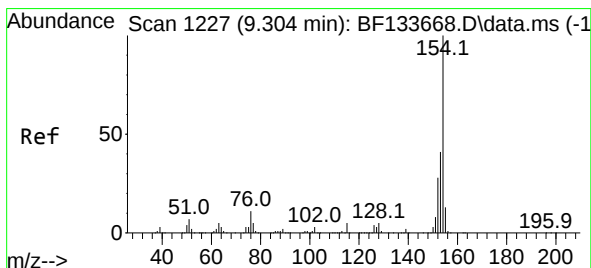
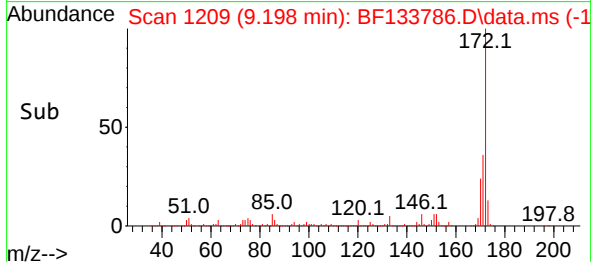
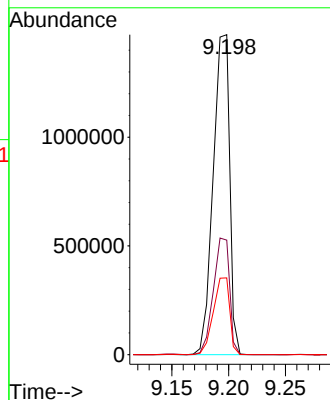
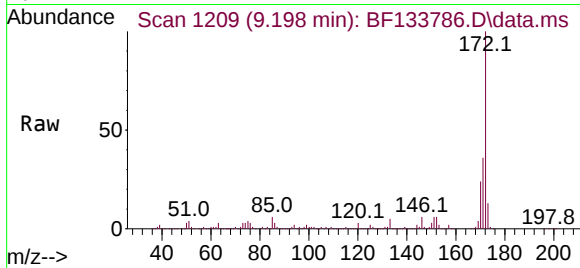
Tgt Ion:172 Resp: 1486357

Ion Ratio Lower Upper

172 100

171 35.8 28.6 43.0

170 24.0 19.1 28.7



#46

1,1'-Biphenyl

Concen: 45.849 ng

RT: 9.292 min Scan# 1225

Delta R.T. -0.000 min

Lab File: BF133786.D

Acq: 15 Jun 2023 21:20

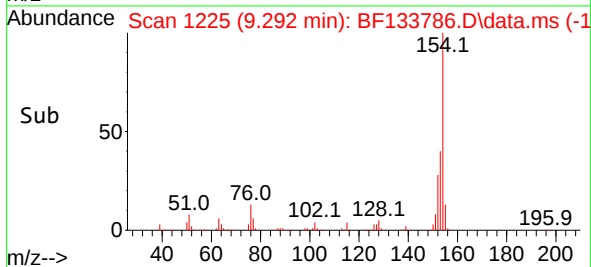
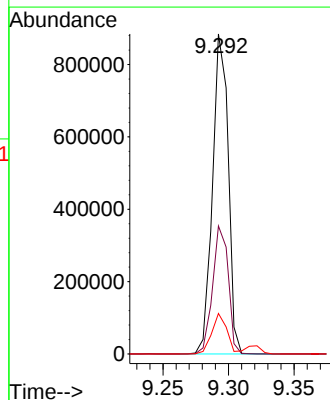
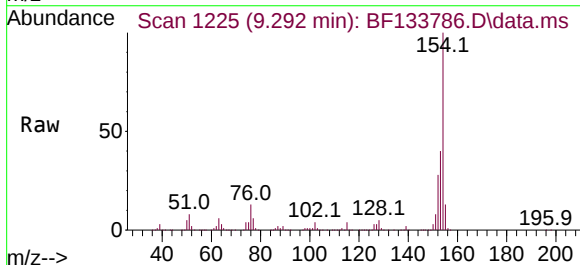
Tgt Ion:154 Resp: 734450

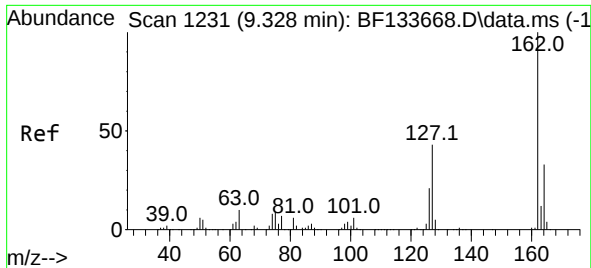
Ion Ratio Lower Upper

154 100

153 40.0 20.6 60.6

76 12.7 0.0 31.0





#47

2-Chloronaphthalene

Concen: 47.354 ng

RT: 9.322 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF133786.D

Acq: 15 Jun 2023 21:20

Instrument :

BNA_F

ClientSampleId :

PB153350BS

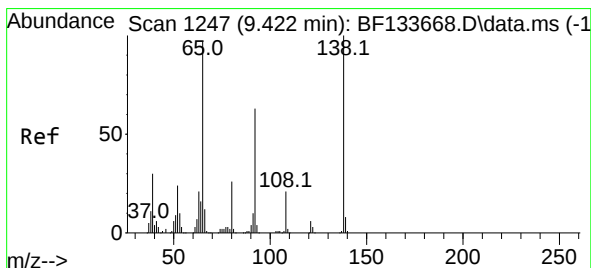
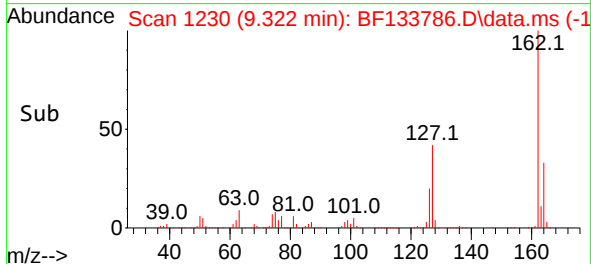
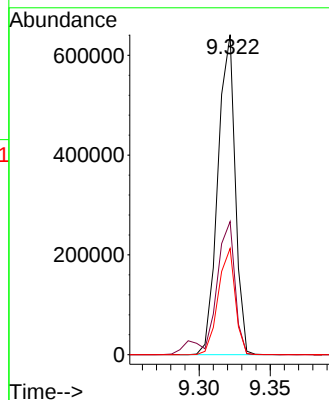
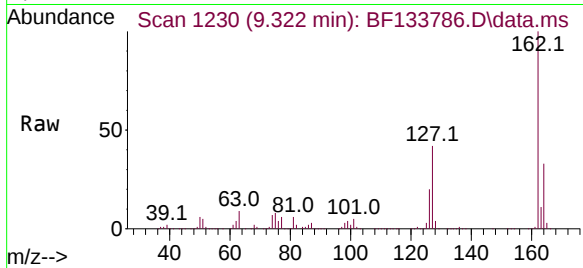
Tgt Ion:162 Resp: 544118

Ion Ratio Lower Upper

162 100

127 41.6 34.6 52.0

164 33.2 26.4 39.6



#48

2-Nitroaniline

Concen: 43.174 ng

RT: 9.416 min Scan# 1246

Delta R.T. -0.000 min

Lab File: BF133786.D

Acq: 15 Jun 2023 21:20

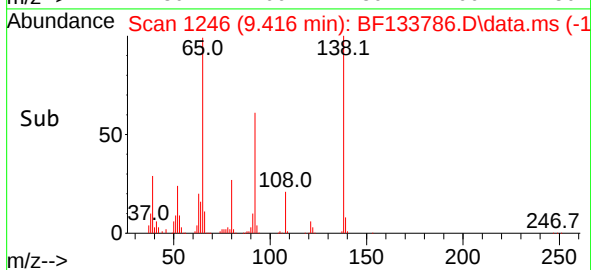
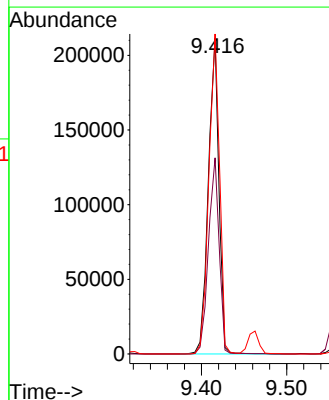
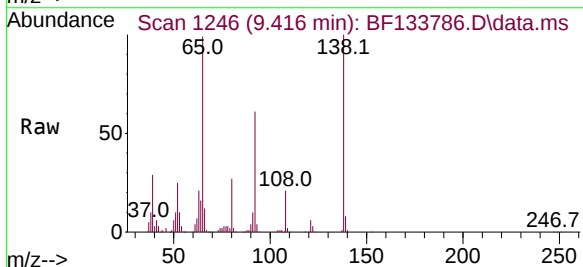
Tgt Ion: 65 Resp: 181434

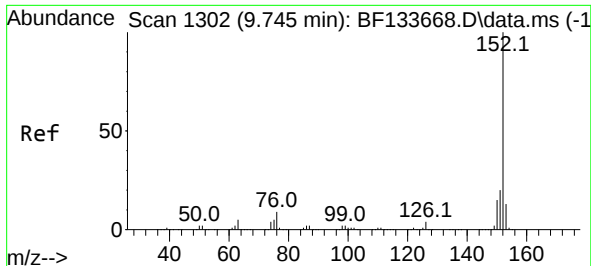
Ion Ratio Lower Upper

65 100

92 62.1 51.8 77.6

138 101.3 82.1 123.1

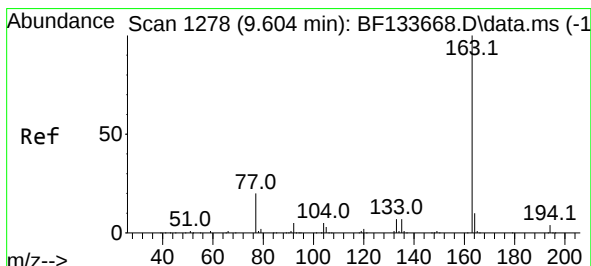
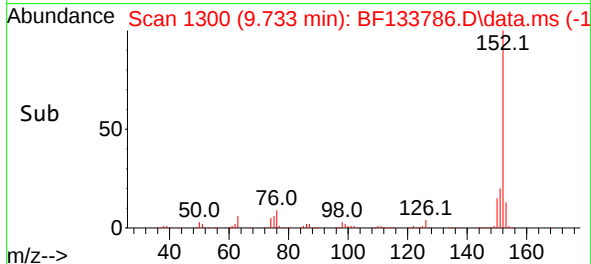
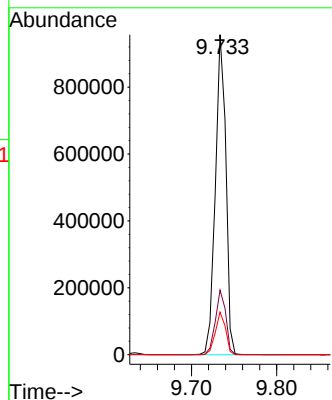
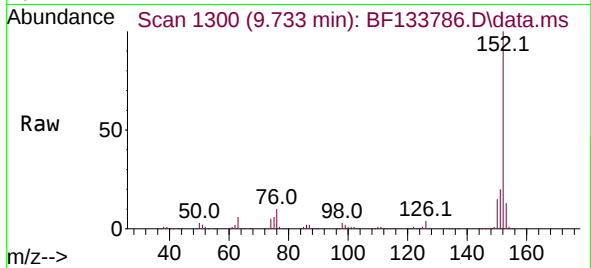




#49
Acenaphthylene
Concen: 40.972 ng
RT: 9.733 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133786.D
Acq: 15 Jun 2023 21:20

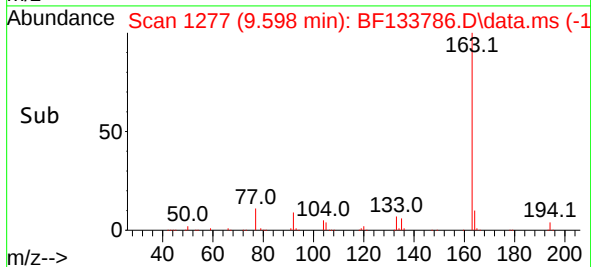
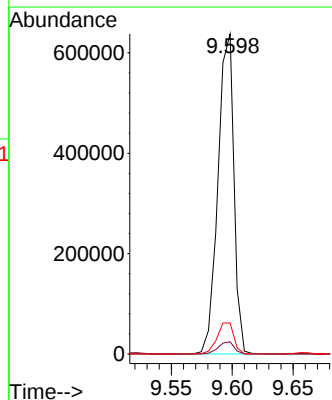
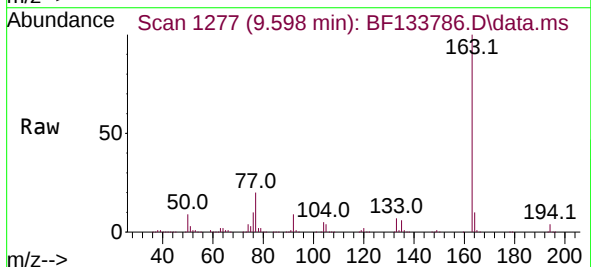
Instrument :
BNA_F
ClientSampleId :
PB153350BS

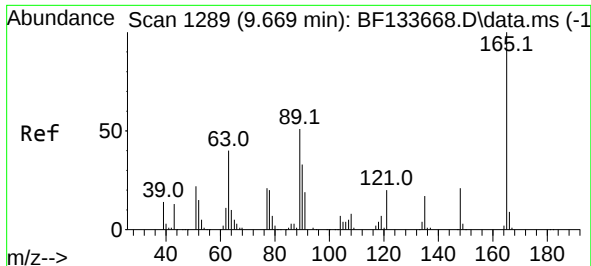
Tgt Ion:152 Resp: 819408
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.4
153 13.3 10.4 15.6



#50
Dimethylphthalate
Concen: 39.250 ng
RT: 9.598 min Scan# 1277
Delta R.T. 0.006 min
Lab File: BF133786.D
Acq: 15 Jun 2023 21:20

Tgt Ion:163 Resp: 581896
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 9.6 8.0 12.0

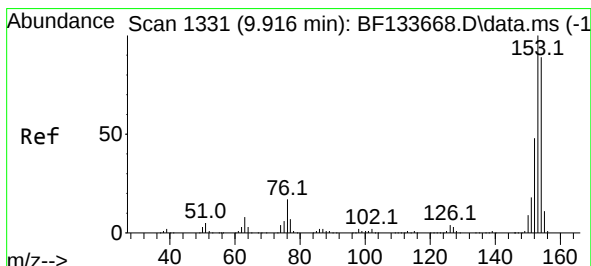
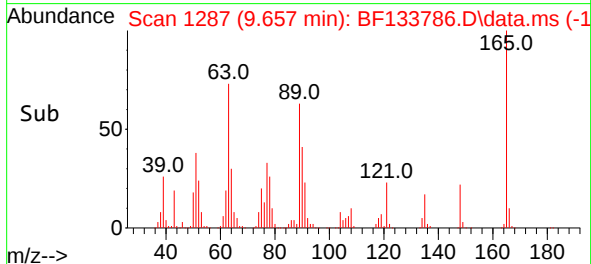
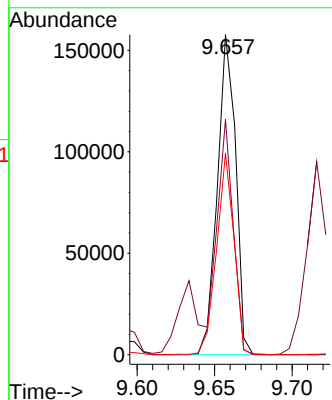
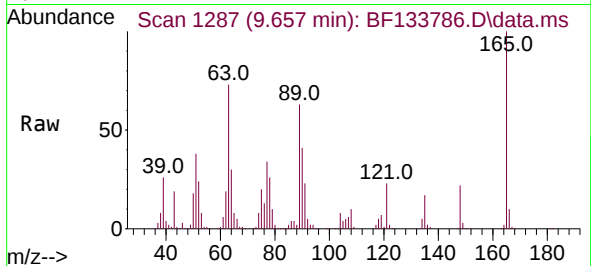




#51
2,6-Dinitrotoluene
Concen: 42.305 ng
RT: 9.657 min Scan# 1287
Delta R.T. -0.000 min
Lab File: BF133786.D
Acq: 15 Jun 2023 21:20

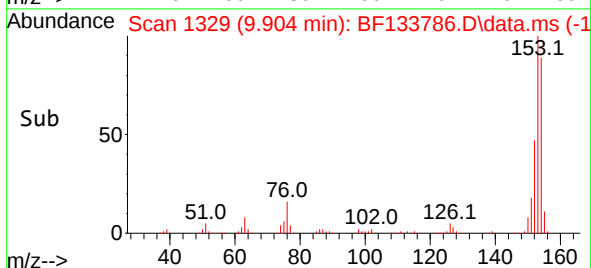
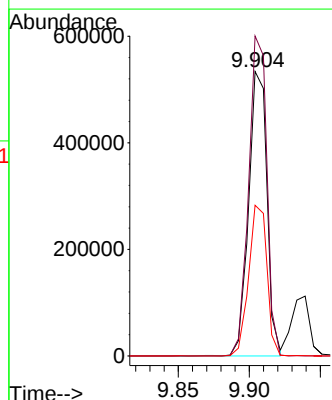
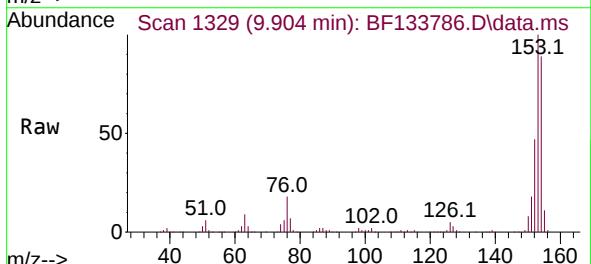
Instrument :
BNA_F
ClientSampleId :
PB153350BS

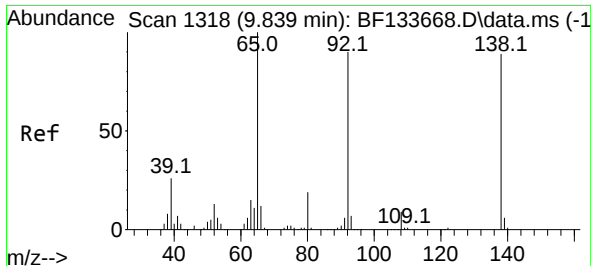
Tgt Ion:165 Resp: 129454
Ion Ratio Lower Upper
165 100
63 73.5 42.1 63.1#
89 63.0 40.9 61.3#



#52
Acenaphthene
Concen: 41.117 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.000 min
Lab File: BF133786.D
Acq: 15 Jun 2023 21:20

Tgt Ion:154 Resp: 481328
Ion Ratio Lower Upper
154 100
153 112.5 89.8 134.8
152 53.0 43.4 65.2

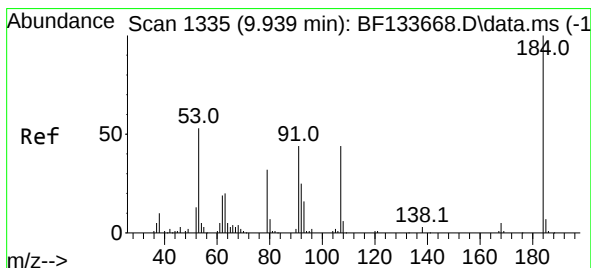
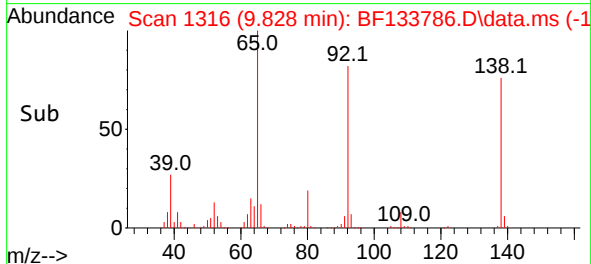
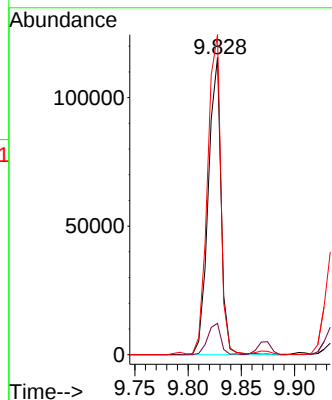
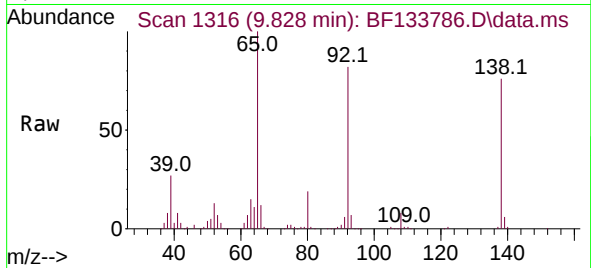




#53
3-Nitroaniline
Concen: 25.940 ng
RT: 9.828 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133786.D
Acq: 15 Jun 2023 21:20

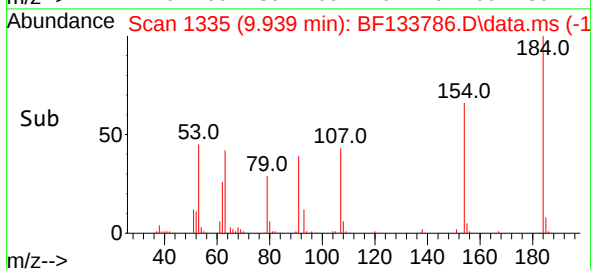
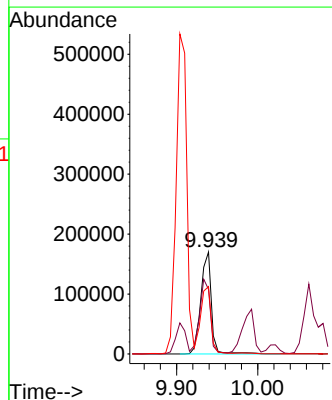
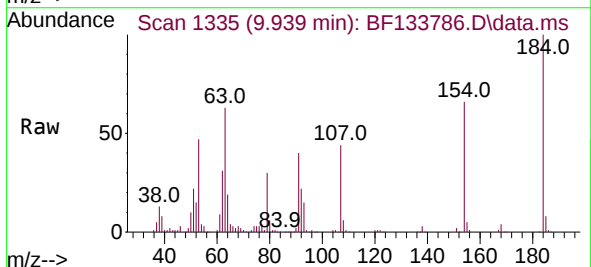
Instrument :
BNA_F
ClientSampleId :
PB153350BS

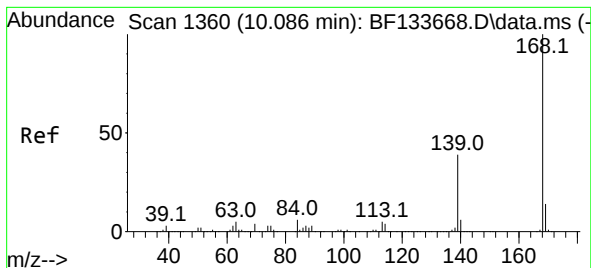
Tgt Ion:138 Resp: 96598
Ion Ratio Lower Upper
138 100
108 10.5 8.2 12.4
92 107.7 81.0 121.6



#54
2,4-Dinitrophenol
Concen: 101.699 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.006 min
Lab File: BF133786.D
Acq: 15 Jun 2023 21:20

Tgt Ion:184 Resp: 154570
Ion Ratio Lower Upper
184 100
63 63.5 55.3 82.9
154 66.1 51.9 77.9





#55

Dibenzofuran

Concen: 40.954 ng

RT: 10.081 min Scan# 1359

Delta R.T. -0.000 min

Lab File: BF133786.D

Acq: 15 Jun 2023 21:20

Instrument :

BNA_F

ClientSampleId :

PB153350BS

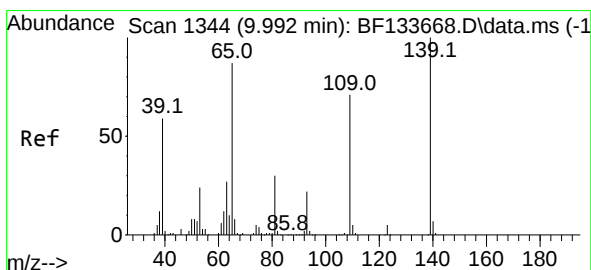
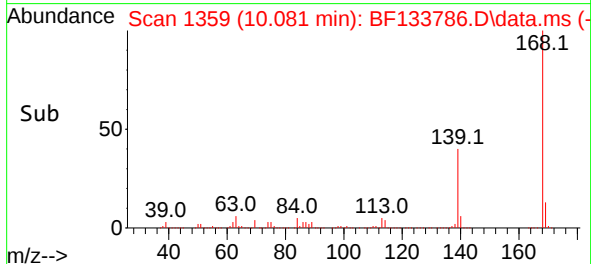
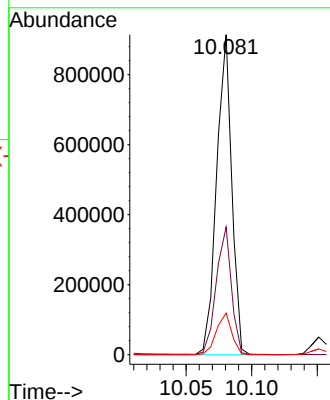
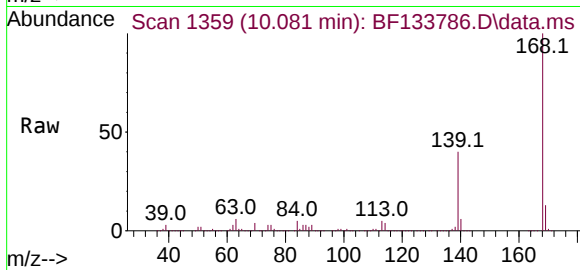
Tgt Ion:168 Resp: 731537

Ion Ratio Lower Upper

168 100

139 39.9 30.9 46.3

169 13.0 10.9 16.3



#56

4-Nitrophenol

Concen: 85.838 ng

RT: 9.992 min Scan# 1344

Delta R.T. 0.012 min

Lab File: BF133786.D

Acq: 15 Jun 2023 21:20

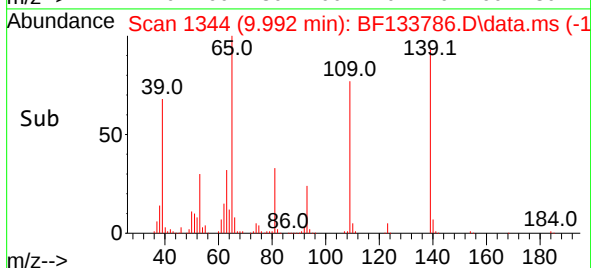
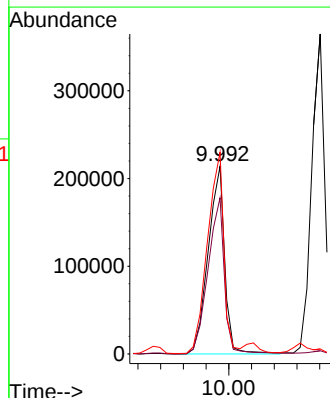
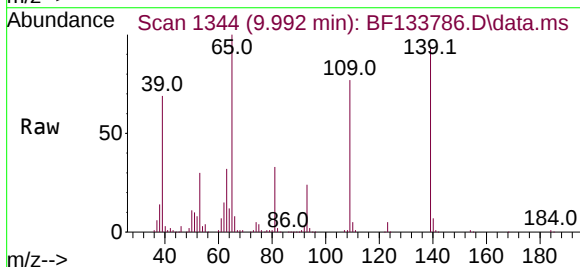
Tgt Ion:139 Resp: 215728

Ion Ratio Lower Upper

139 100

109 83.2 50.7 90.7

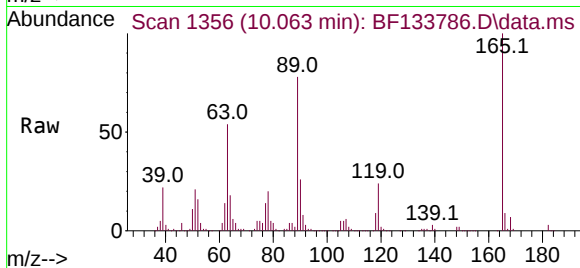
65 107.5 67.1 107.1#



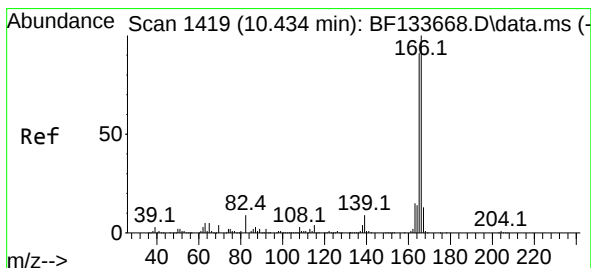
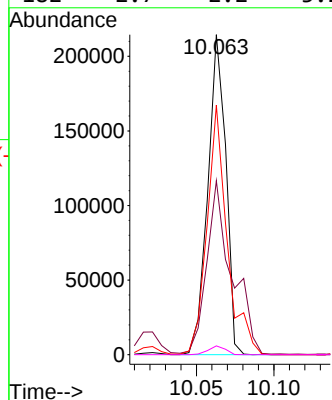
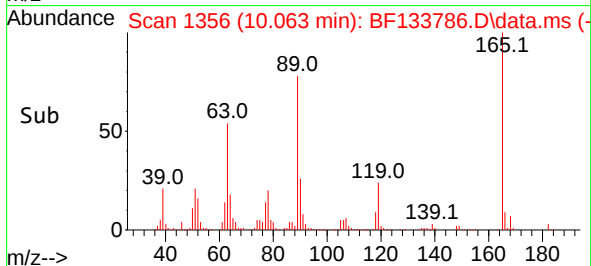


#57
2,4-Dinitrotoluene
Concen: 44.612 ng
RT: 10.063 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133786.D
Acq: 15 Jun 2023 21:20

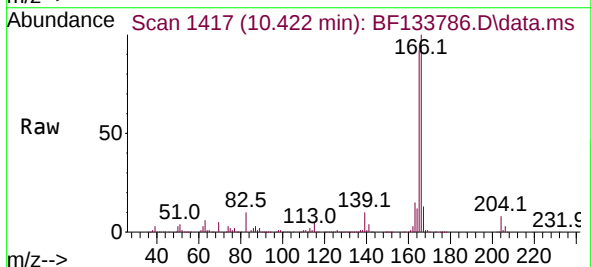
Instrument :
BNA_F
ClientSampleId :
PB153350BS



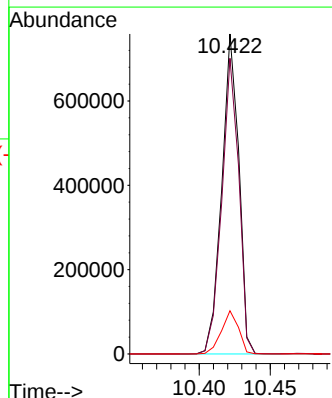
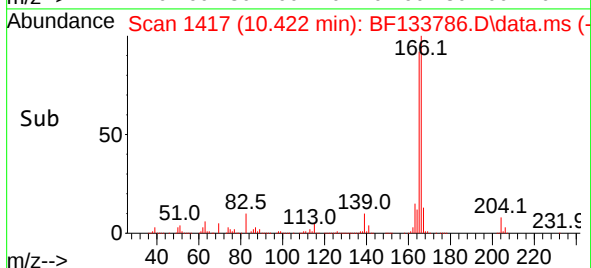
Tgt Ion:165 Resp: 173620
Ion Ratio Lower Upper
165 100
63 54.4 43.0 64.6
89 78.0 62.6 93.8
182 2.7 2.2 3.2



#58
Fluorene
Concen: 46.218 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF133786.D
Acq: 15 Jun 2023 21:20



Tgt Ion:166 Resp: 631334
Ion Ratio Lower Upper
166 100
165 92.4 73.1 109.7
167 13.5 10.5 15.7

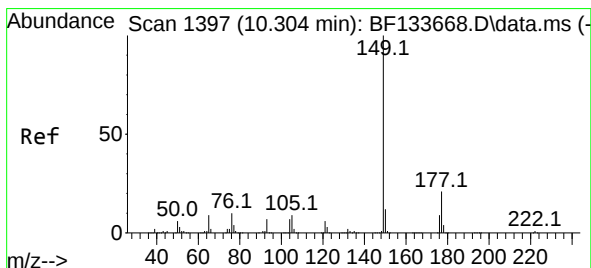
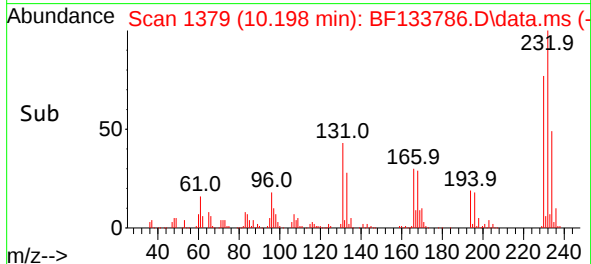
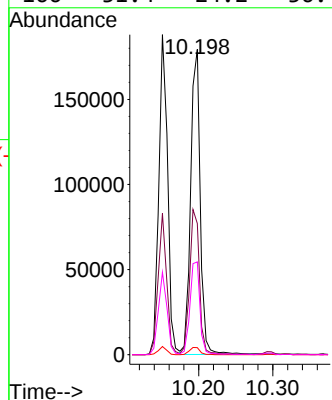
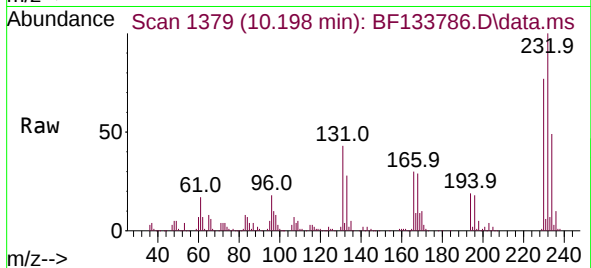




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.133 ng
RT: 10.198 min Scan# 1379
Delta R.T. 0.006 min
Lab File: BF133786.D
Acq: 15 Jun 2023 21:20

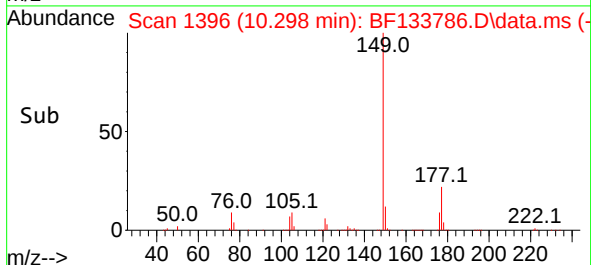
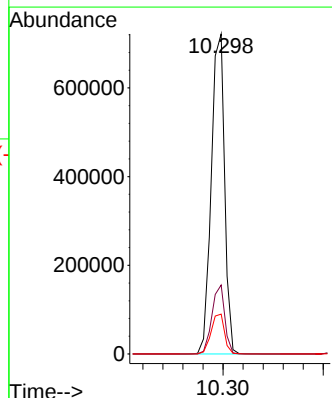
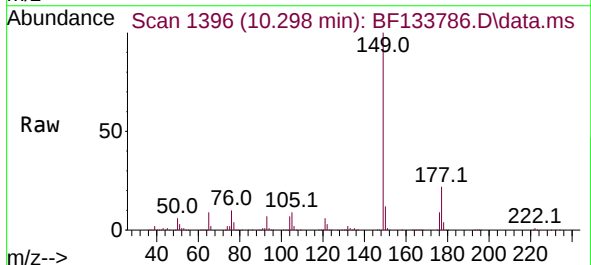
Instrument :
BNA_F
ClientSampleId :
PB153350BS

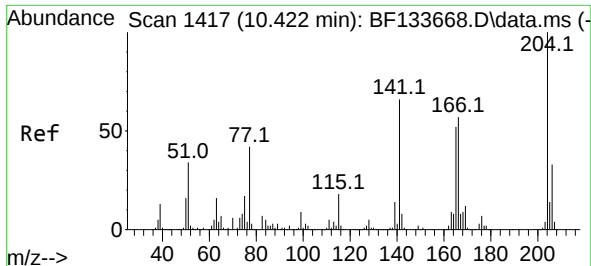
Tgt Ion:232 Resp: 162131
Ion Ratio Lower Upper
232 100
131 48.3 38.0 57.0
130 2.6 1.8 2.8
166 31.4 24.2 36.4



#60
Diethylphthalate
Concen: 44.006 ng
RT: 10.298 min Scan# 1396
Delta R.T. 0.006 min
Lab File: BF133786.D
Acq: 15 Jun 2023 21:20

Tgt Ion:149 Resp: 663978
Ion Ratio Lower Upper
149 100
177 21.5 17.0 25.6
150 12.4 10.0 15.0

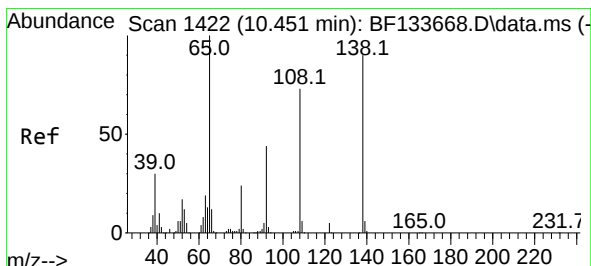
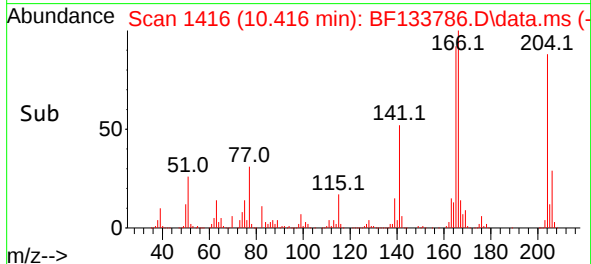
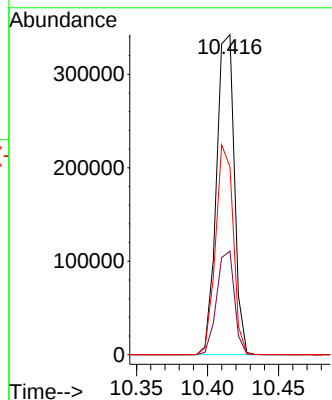
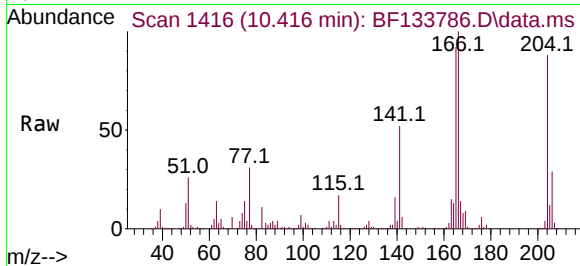




#61
4-Chlorophenyl-phenylether
Concen: 44.516 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF133786.D
Acq: 15 Jun 2023 21:20

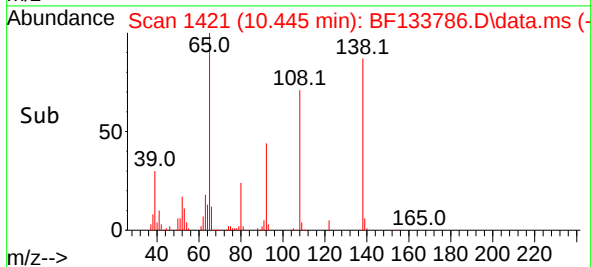
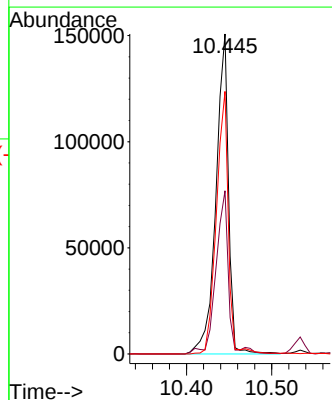
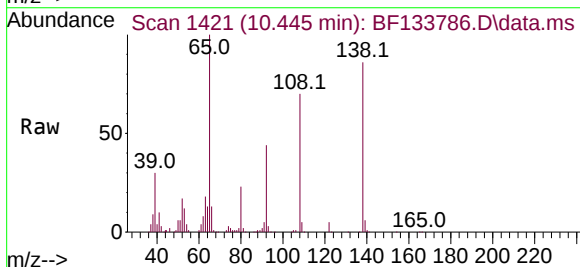
Instrument :
BNA_F
ClientSampleId :
PB153350BS

Tgt Ion:204 Resp: 300194
Ion Ratio Lower Upper
204 100
206 32.3 26.4 39.6
141 58.7 52.8 79.2



#62
4-Nitroaniline
Concen: 42.449 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF133786.D
Acq: 15 Jun 2023 21:20

Tgt Ion:138 Resp: 154990
Ion Ratio Lower Upper
138 100
92 51.0 28.9 68.9
108 82.0 61.0 101.0





#63

Azobenzene

Concen: 43.442 ng

RT: 10.575 min Scan# 1443

Delta R.T. -0.000 min

Lab File: BF133786.D

Acq: 15 Jun 2023 21:20

Instrument :

BNA_F

ClientSampleId :

PB153350BS

Tgt Ion: 77 Resp: 620519

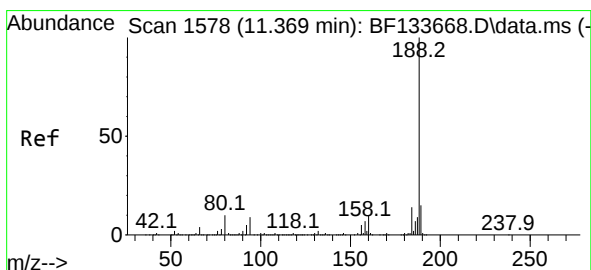
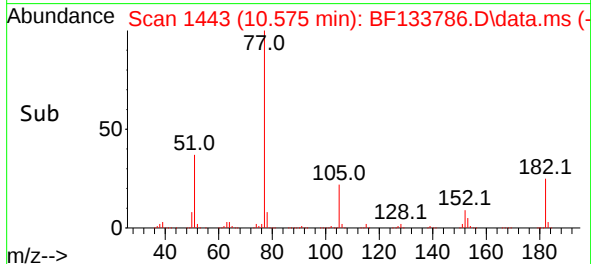
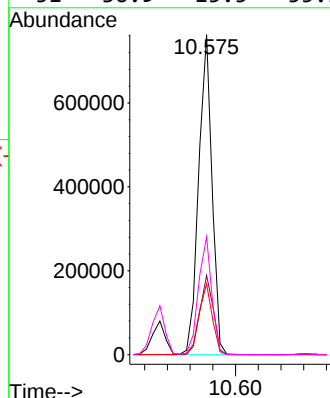
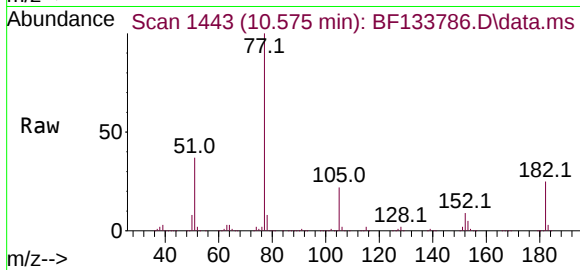
Ion Ratio Lower Upper

77 100

182 24.7 1.6 41.6

105 22.1 1.6 41.6

51 36.9 15.5 55.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1576

Delta R.T. -0.000 min

Lab File: BF133786.D

Acq: 15 Jun 2023 21:20

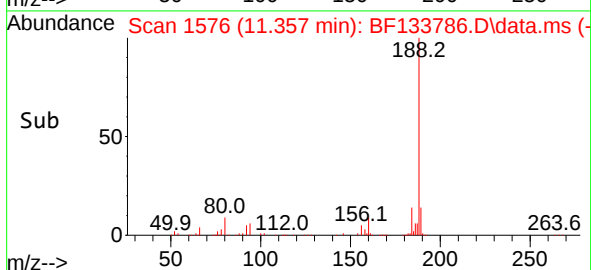
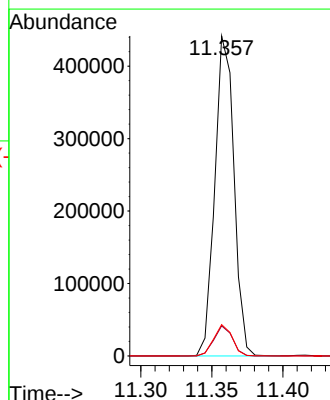
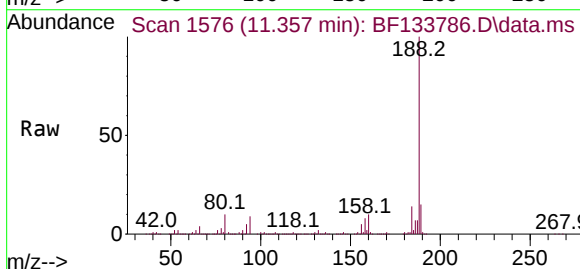
Tgt Ion: 188 Resp: 414598

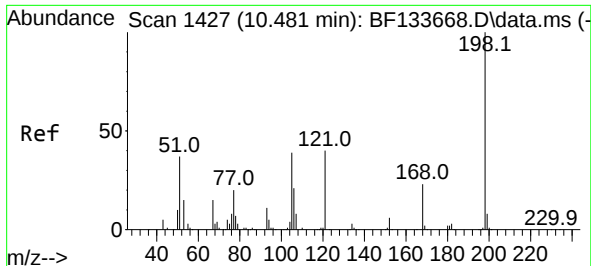
Ion Ratio Lower Upper

188 100

94 9.4 6.8 10.2

80 9.8 7.8 11.6

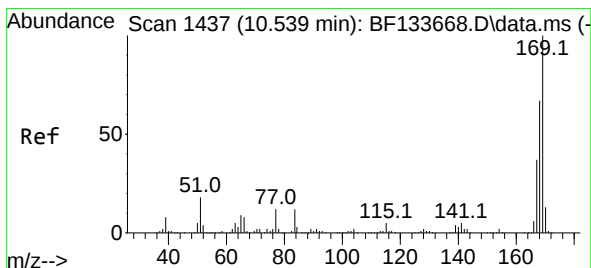
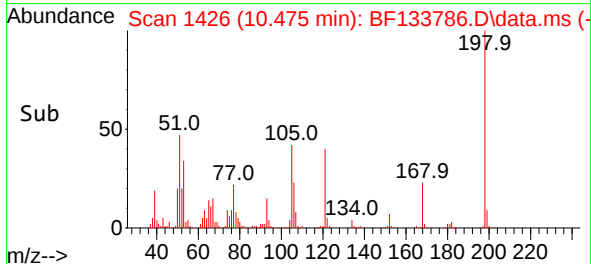
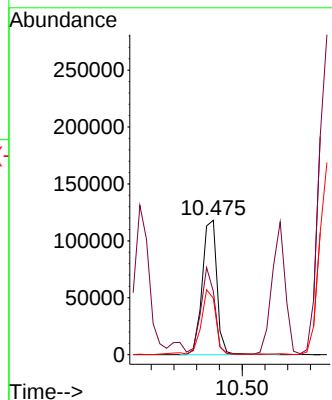
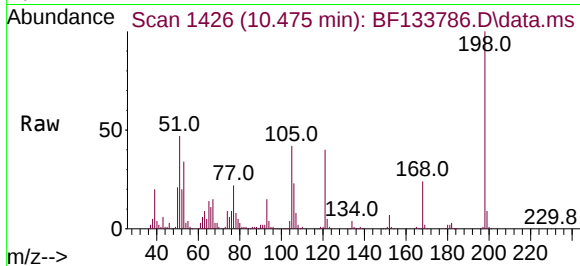




#65
4,6-Dinitro-2-methylphenol
Concen: 53.812 ng
RT: 10.475 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF133786.D
Acq: 15 Jun 2023 21:20

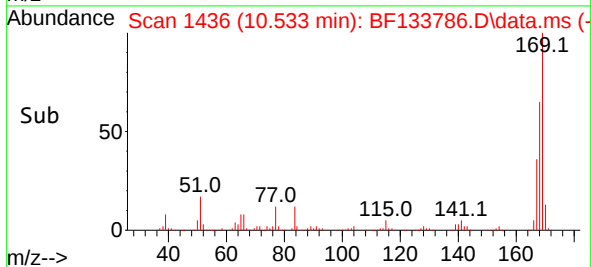
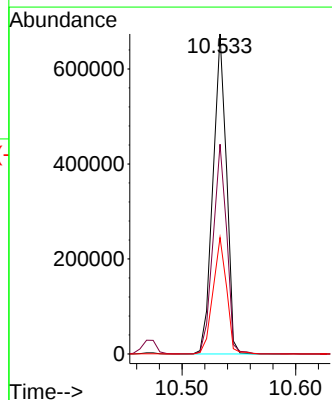
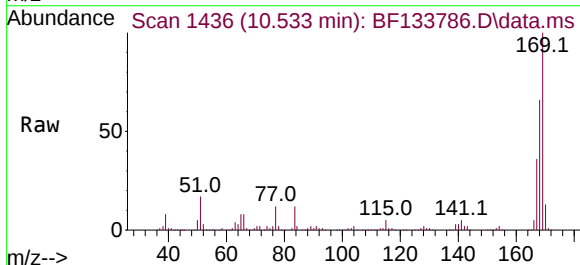
Instrument :
BNA_F
ClientSampleId :
PB153350BS

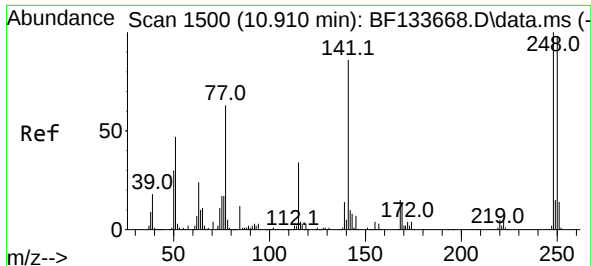
Tgt Ion:198 Resp: 106610
Ion Ratio Lower Upper
198 100
51 47.2 27.5 67.5
105 42.0 21.0 61.0



#66
n-Nitrosodiphenylamine
Concen: 39.762 ng
RT: 10.533 min Scan# 1436
Delta R.T. -0.000 min
Lab File: BF133786.D
Acq: 15 Jun 2023 21:20

Tgt Ion:169 Resp: 553741
Ion Ratio Lower Upper
169 100
168 65.5 53.7 80.5
167 36.4 29.8 44.8

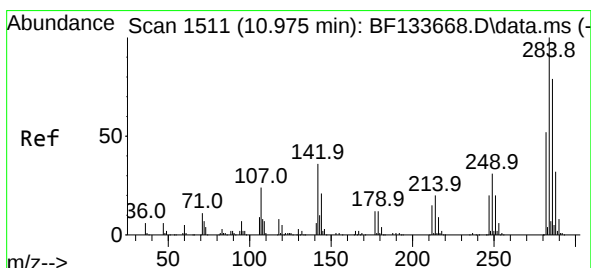
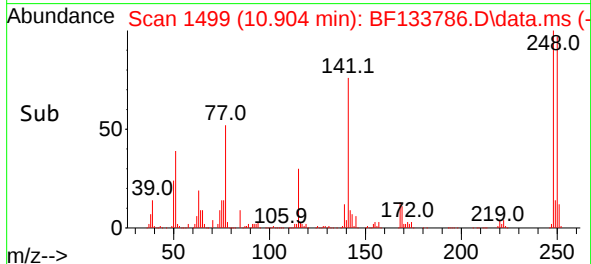
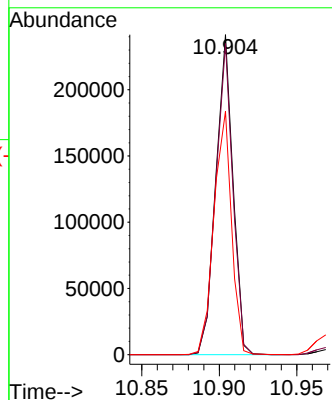
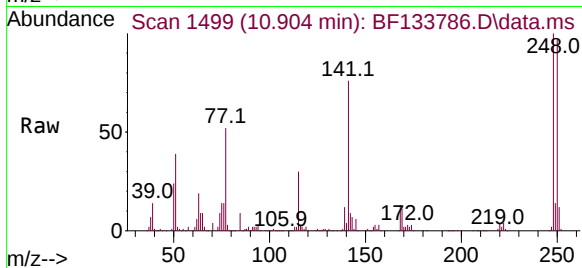




#67
4-Bromophenyl-phenylether
Concen: 40.282 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BF133786.D
Acq: 15 Jun 2023 21:20

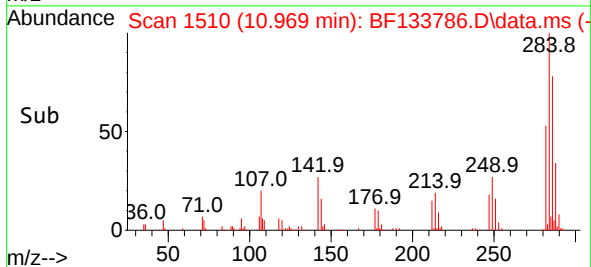
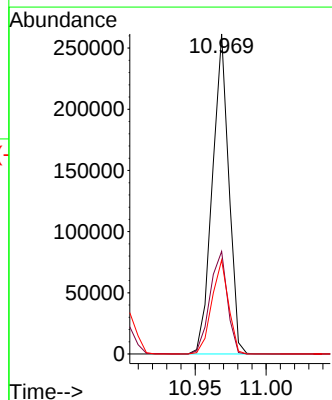
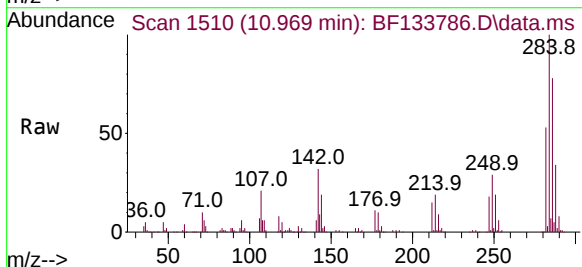
Instrument :
BNA_F
ClientSampleId :
PB153350BS

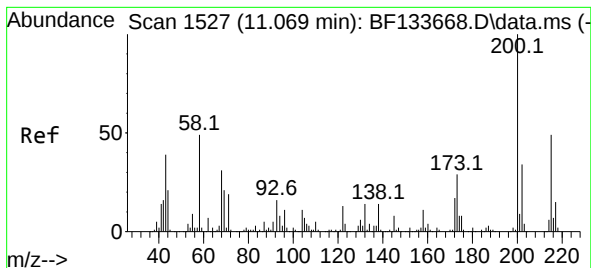
Tgt Ion:248 Resp: 186404
Ion Ratio Lower Upper
248 100
250 97.2 78.3 117.5
141 76.1 69.0 103.6



#68
Hexachlorobenzene
Concen: 43.069 ng
RT: 10.969 min Scan# 1510
Delta R.T. -0.000 min
Lab File: BF133786.D
Acq: 15 Jun 2023 21:20

Tgt Ion:284 Resp: 209579
Ion Ratio Lower Upper
284 100
142 32.0 28.6 42.8
249 29.3 24.6 36.8





#69

Atrazine

Concen: 44.105 ng

RT: 11.063 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF133786.D

Acq: 15 Jun 2023 21:20

Instrument :

BNA_F

ClientSampleId :

PB153350BS

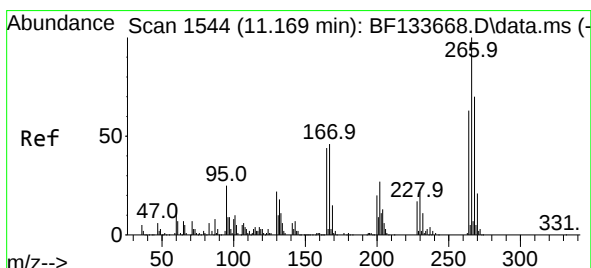
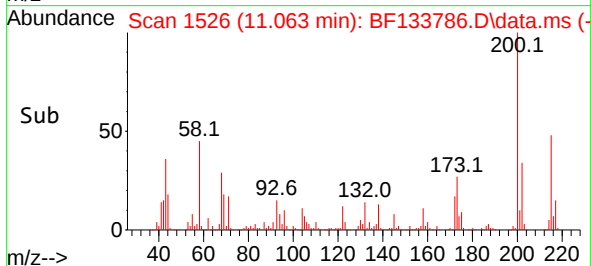
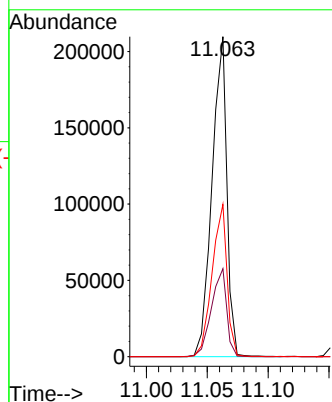
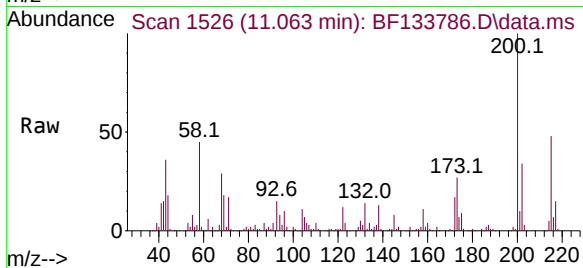
Tgt Ion:200 Resp: 178217

Ion Ratio Lower Upper

200 100

173 27.5 8.7 48.7

215 47.6 29.0 69.0



#70

Pentachlorophenol

Concen: 73.718 ng

RT: 11.163 min Scan# 1543

Delta R.T. -0.000 min

Lab File: BF133786.D

Acq: 15 Jun 2023 21:20

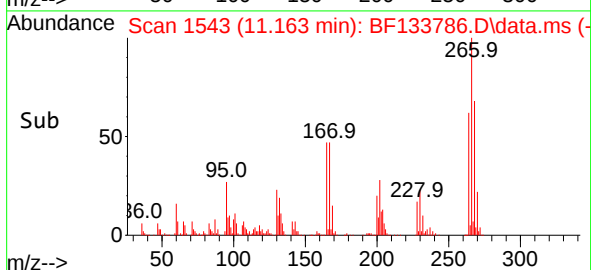
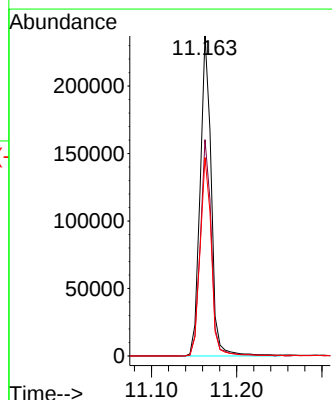
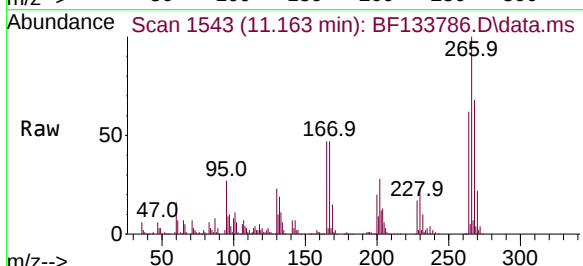
Tgt Ion:266 Resp: 214804

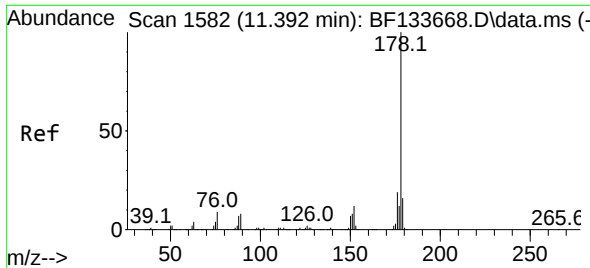
Ion Ratio Lower Upper

266 100

268 67.6 55.7 83.5

264 62.0 50.7 76.1

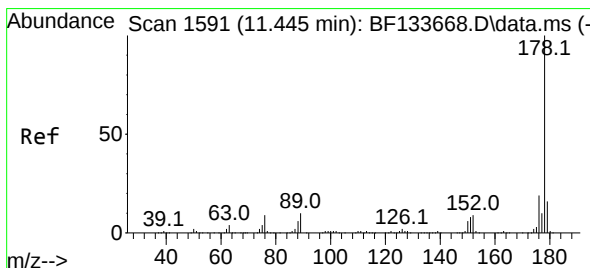
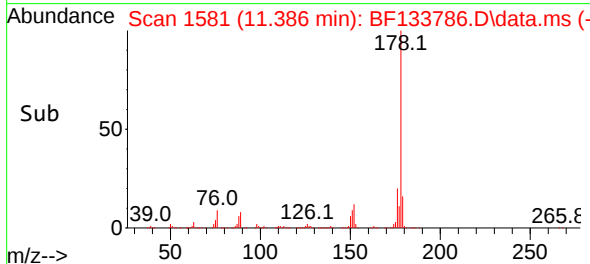
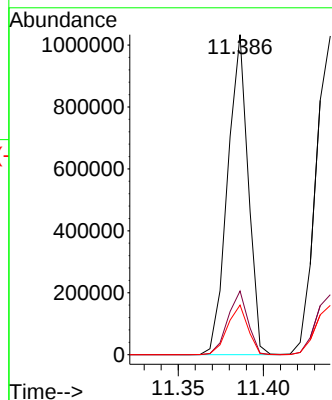
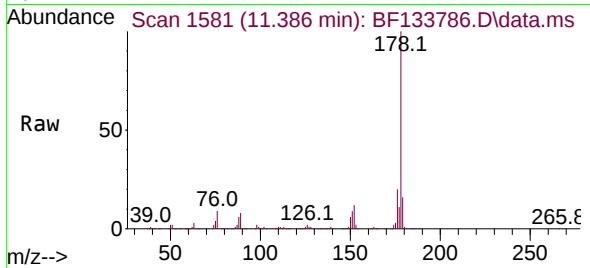




#71
Phenanthrene
Concen: 41.266 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133786.D
Acq: 15 Jun 2023 21:20

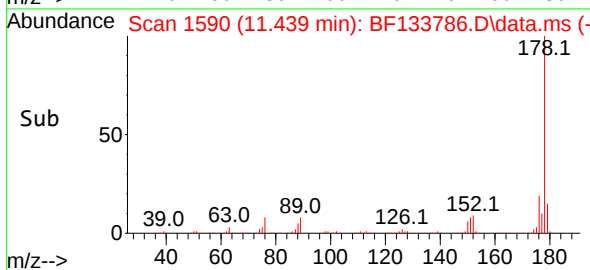
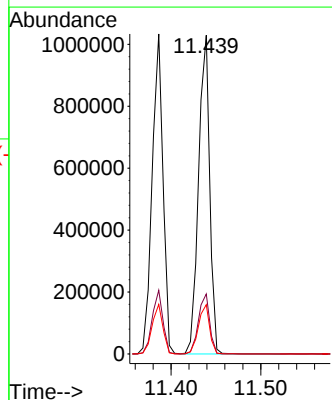
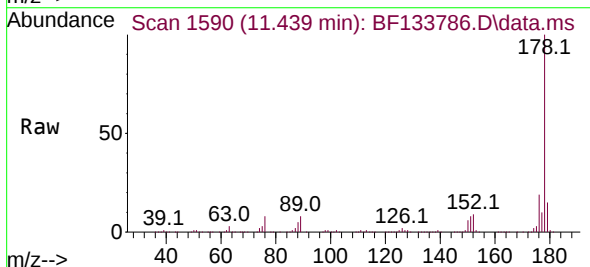
Instrument :
BNA_F
ClientSampleId :
PB153350BS

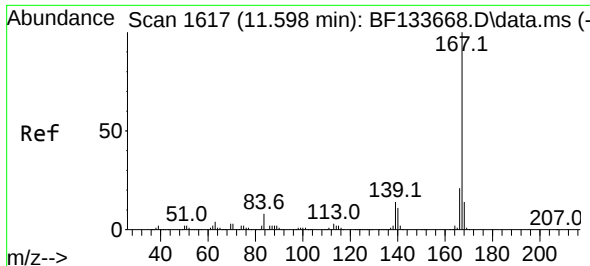
Tgt Ion:178 Resp: 868013
Ion Ratio Lower Upper
178 100
176 19.9 15.6 23.4
179 15.5 12.4 18.6



#72
Anthracene
Concen: 40.492 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.006 min
Lab File: BF133786.D
Acq: 15 Jun 2023 21:20

Tgt Ion:178 Resp: 888084
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 15.5 12.6 18.8

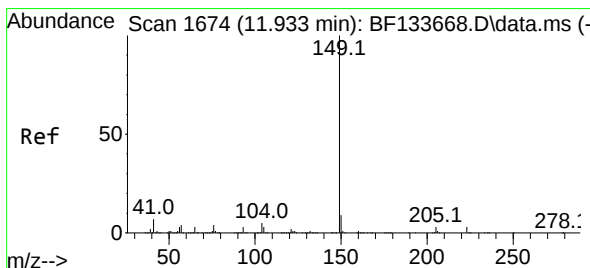
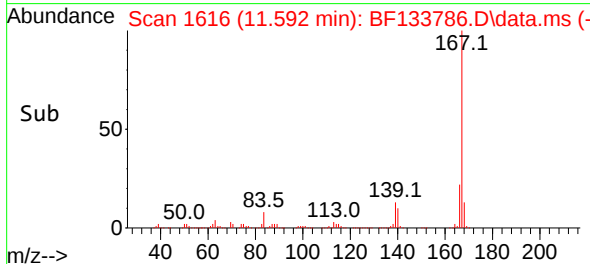
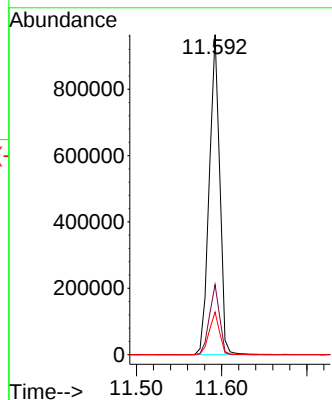
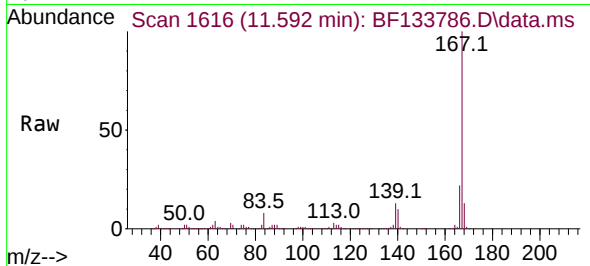




#73
 Carbazole
 Concen: 40.230 ng
 RT: 11.592 min Scan# 1616
 Delta R.T. -0.000 min
 Lab File: BF133786.D
 Acq: 15 Jun 2023 21:20

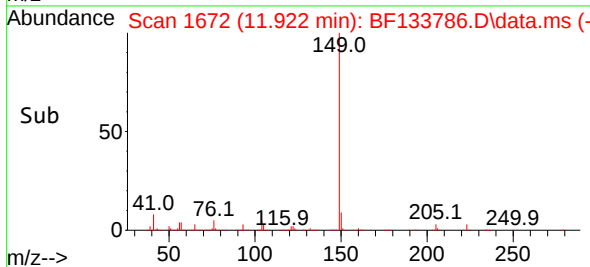
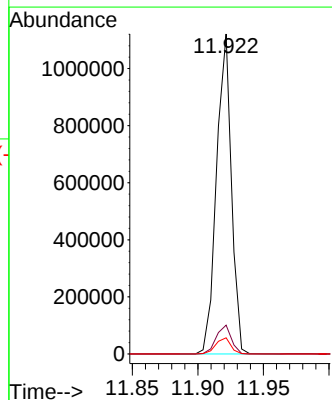
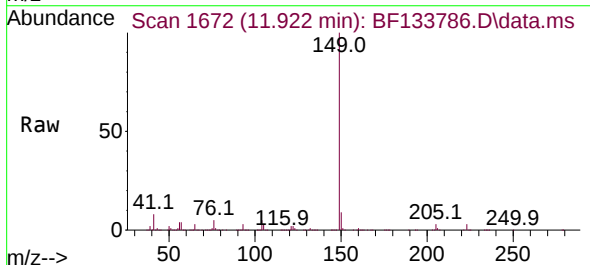
Instrument :
 BNA_F
 ClientSampleId :
 PB153350BS

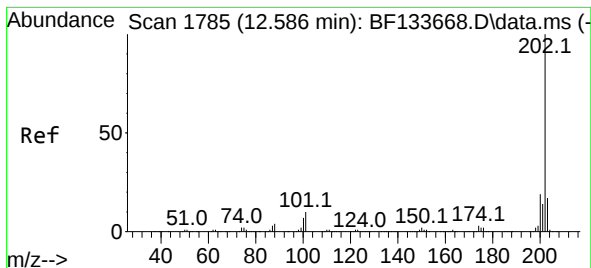
Tgt Ion:167 Resp: 821788
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.0 25.6
 139 13.3 11.2 16.8



#74
 Di-n-butylphthalate
 Concen: 33.714 ng
 RT: 11.922 min Scan# 1672
 Delta R.T. -0.000 min
 Lab File: BF133786.D
 Acq: 15 Jun 2023 21:20

Tgt Ion:149 Resp: 882892
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.0
 104 5.1 3.8 5.8





#75

Fluoranthene

Concen: 39.363 ng

RT: 12.574 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF133786.D

Acq: 15 Jun 2023 21:20

Instrument :

BNA_F

ClientSampleId :

PB153350BS

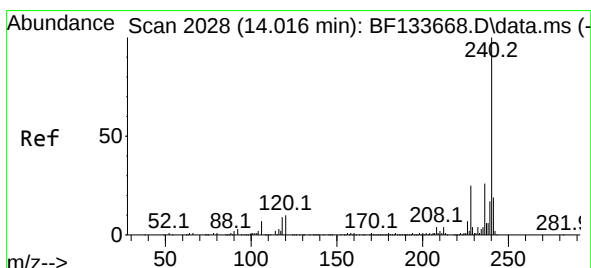
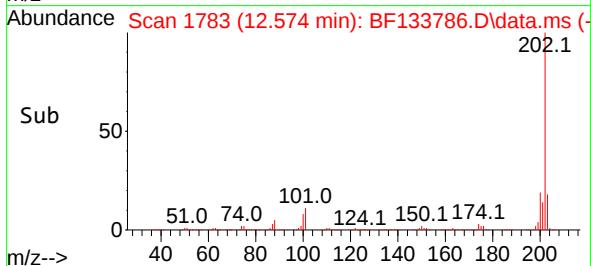
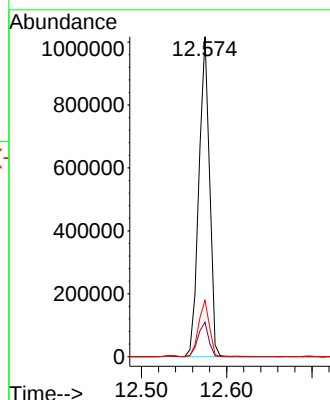
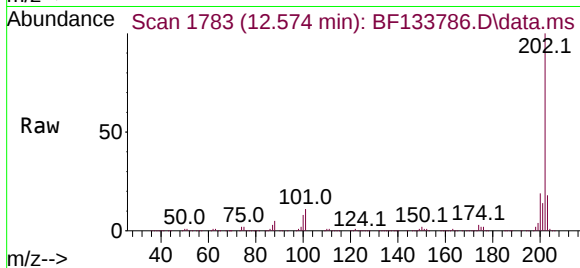
Tgt Ion:202 Resp: 879273

Ion Ratio Lower Upper

202 100

101 10.8 0.0 29.6

203 17.6 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF133786.D

Acq: 15 Jun 2023 21:20

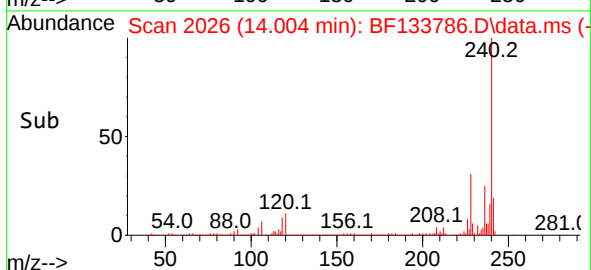
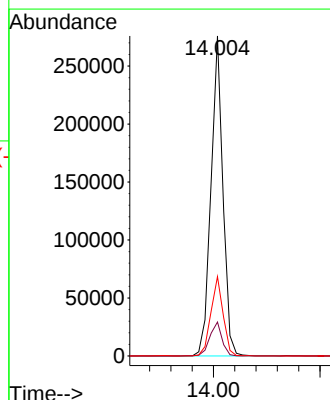
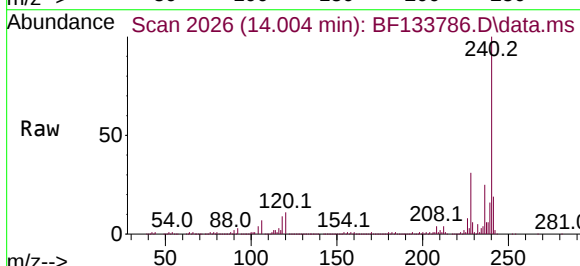
Tgt Ion:240 Resp: 215204

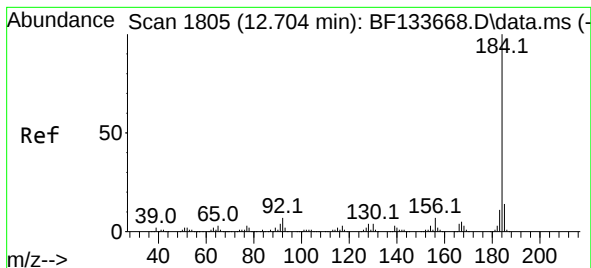
Ion Ratio Lower Upper

240 100

120 10.6 8.1 12.1

236 24.8 20.5 30.7





#77

Benzidine

Concen: 32.548 ng

RT: 12.698 min Scan# 1804

Delta R.T. 0.006 min

Lab File: BF133786.D

Acq: 15 Jun 2023 21:20

Instrument :

BNA_F

ClientSampleId :

PB153350BS

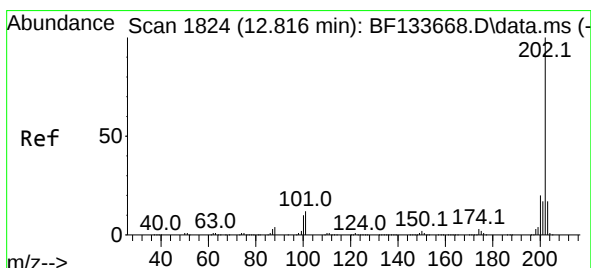
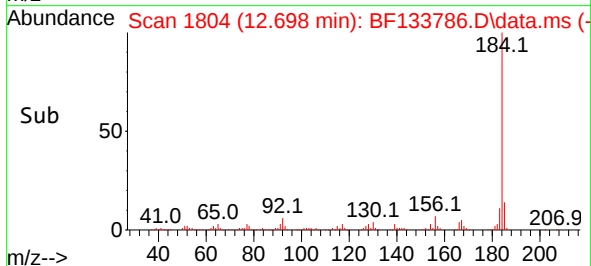
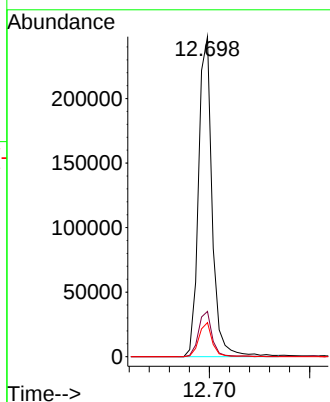
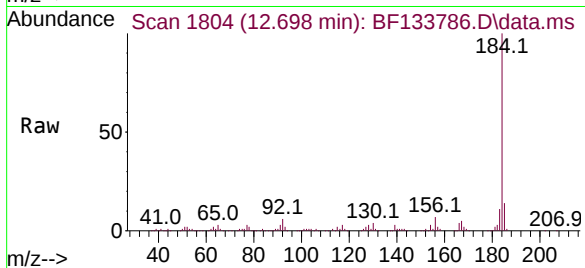
Tgt Ion:184 Resp: 235045

Ion Ratio Lower Upper

184 100

185 14.2 11.6 17.4

183 10.7 8.4 12.6



#78

Pyrene

Concen: 43.966 ng

RT: 12.804 min Scan# 1822

Delta R.T. -0.000 min

Lab File: BF133786.D

Acq: 15 Jun 2023 21:20

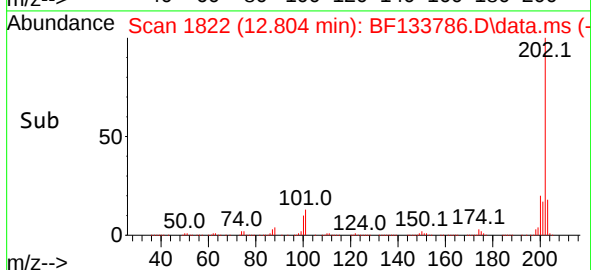
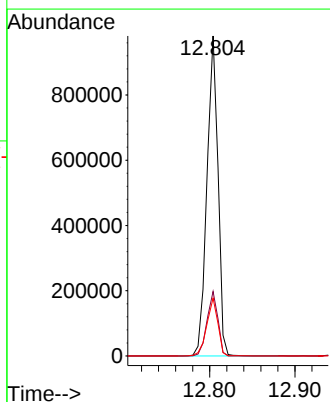
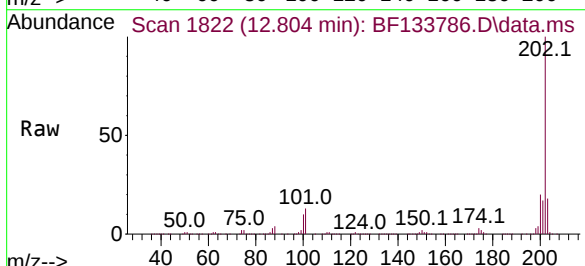
Tgt Ion:202 Resp: 881386

Ion Ratio Lower Upper

202 100

200 20.2 16.2 24.2

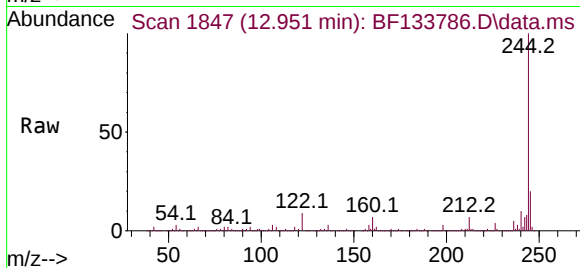
203 18.1 13.9 20.9





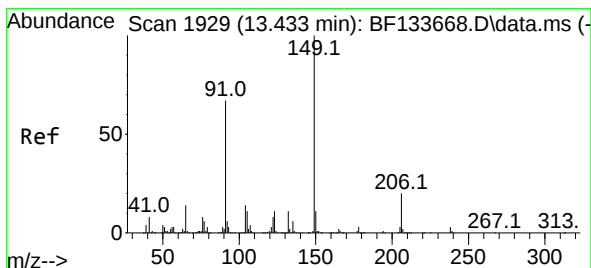
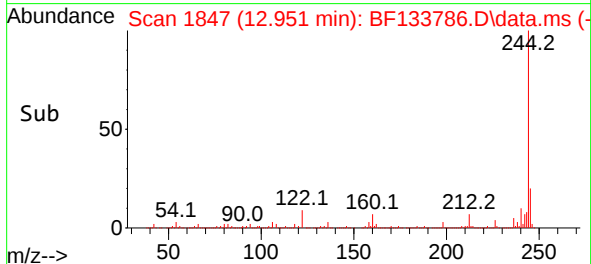
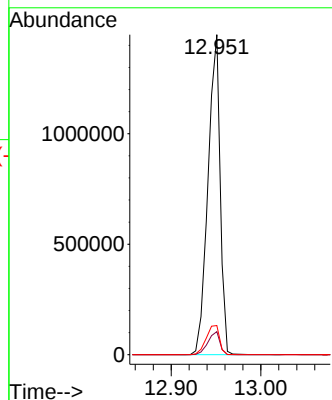
#79
 Terphenyl-d14
 Concen: 97.767 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. 0.006 min
 Lab File: BF133786.D
 Acq: 15 Jun 2023 21:20

Instrument :
 BNA_F
 ClientSampleId :
 PB153350BS



Tgt Ion:244 Resp: 1359734

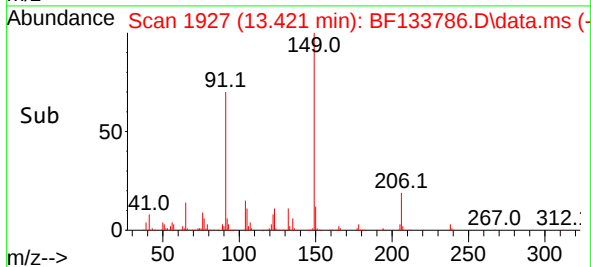
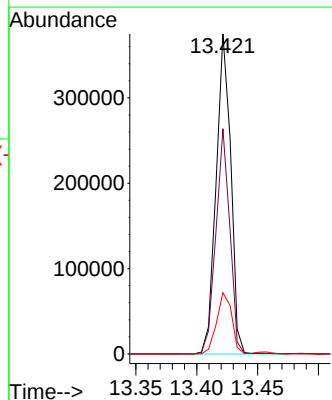
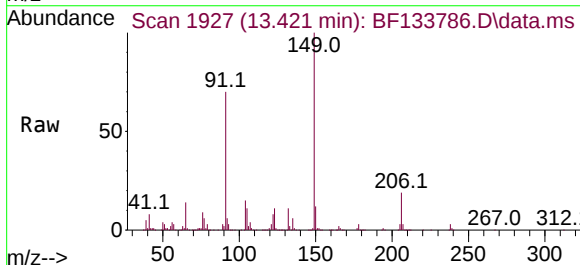
Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.2
122	9.1	8.1	12.1

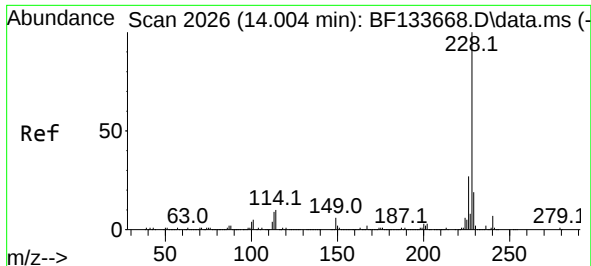


#80
 Butylbenzylphthalate
 Concen: 36.946 ng
 RT: 13.421 min Scan# 1927
 Delta R.T. -0.000 min
 Lab File: BF133786.D
 Acq: 15 Jun 2023 21:20

Tgt Ion:149 Resp: 312684

Ion	Ratio	Lower	Upper
149	100		
91	70.4	54.0	81.0
206	19.2	15.6	23.4

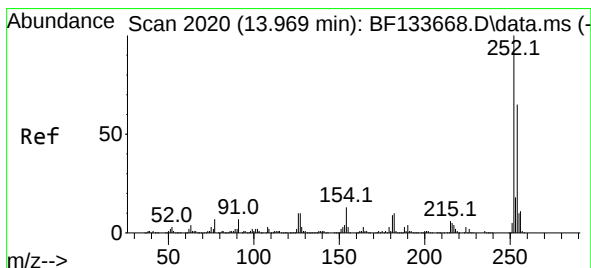
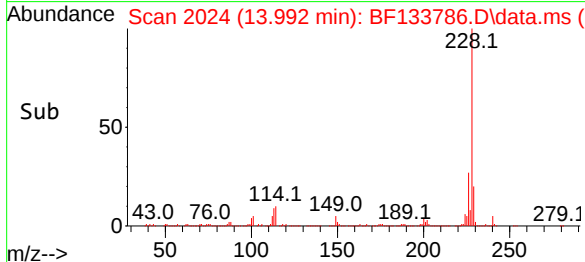
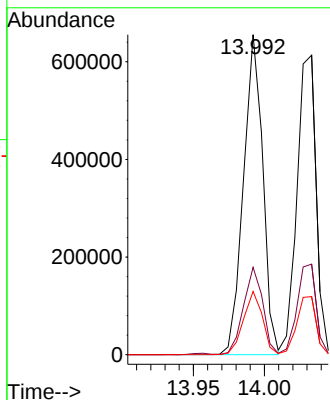
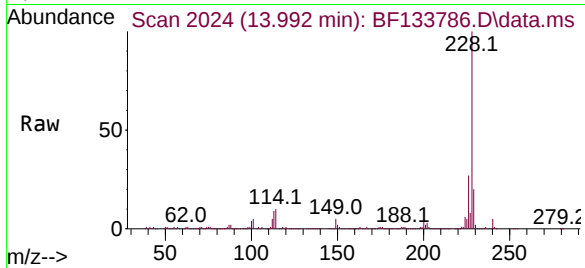




#81
Benzo(a)anthracene
Concen: 41.670 ng
RT: 13.992 min Scan# 2018
Delta R.T. -0.000 min
Lab File: BF133786.D
Acq: 15 Jun 2023 21:20

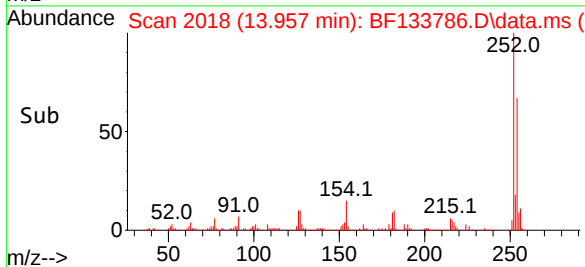
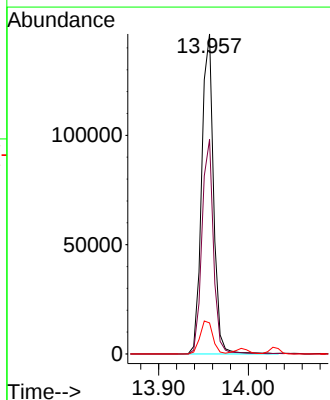
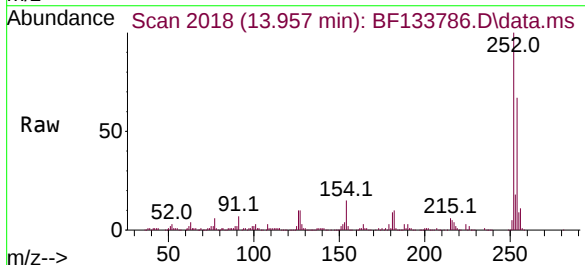
Instrument :
BNA_F
ClientSampleId :
PB153350BS

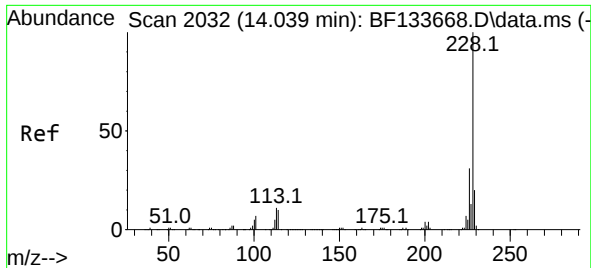
Tgt Ion:228 Resp: 620282
Ion Ratio Lower Upper
228 100
226 27.3 21.7 32.5
229 19.8 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 27.193 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.000 min
Lab File: BF133786.D
Acq: 15 Jun 2023 21:20

Tgt Ion:252 Resp: 134574
Ion Ratio Lower Upper
252 100
254 67.0 51.9 77.9
126 9.7 7.7 11.5





#83

Chrysene

Concen: 40.952 ng

RT: 14.033 min Scan# 2032

Delta R.T. 0.006 min

Lab File: BF133786.D

Acq: 15 Jun 2023 21:20

Instrument :

BNA_F

ClientSampleId :

PB153350BS

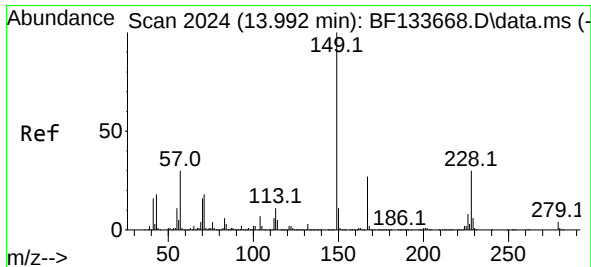
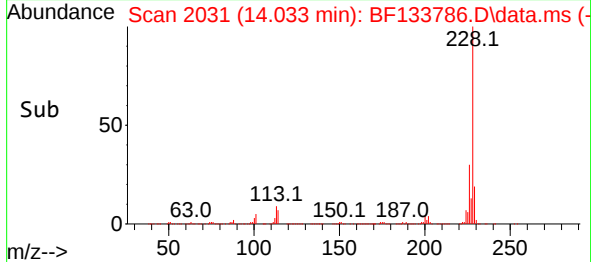
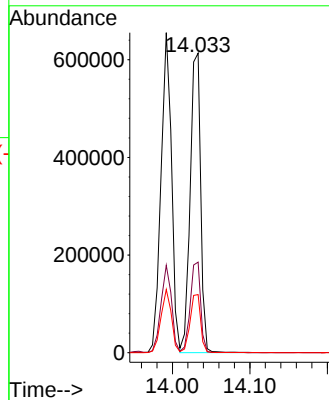
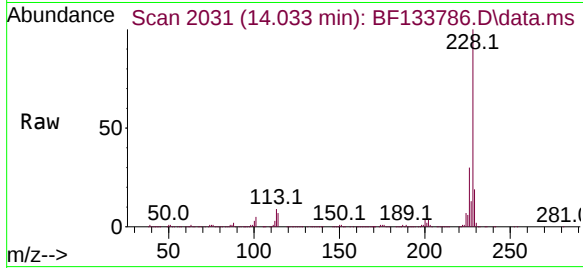
Tgt Ion:228 Resp: 576575

Ion Ratio Lower Upper

228 100

226 30.2 25.0 37.6

229 19.4 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 33.835 ng

RT: 13.980 min Scan# 2022

Delta R.T. -0.000 min

Lab File: BF133786.D

Acq: 15 Jun 2023 21:20

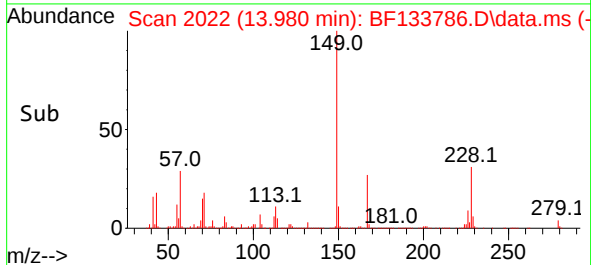
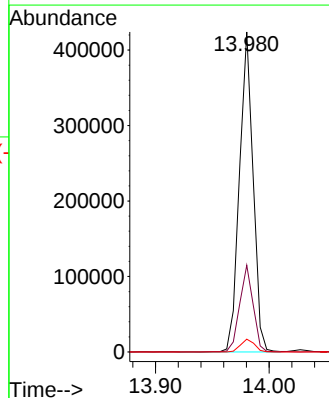
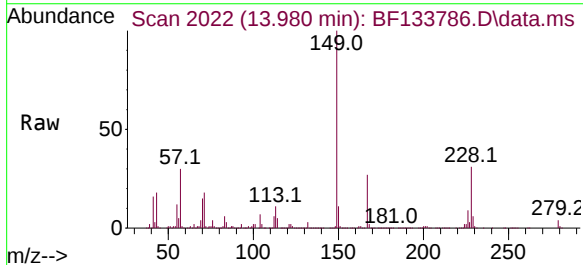
Tgt Ion:149 Resp: 352578

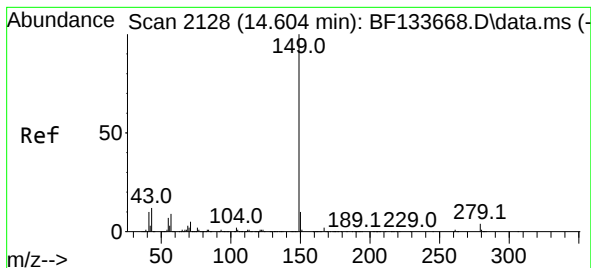
Ion Ratio Lower Upper

149 100

167 27.1 21.8 32.8

279 4.0 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 37.858 ng

RT: 14.592 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF133786.D

Acq: 15 Jun 2023 21:20

Instrument :

BNA_F

ClientSampleId :

PB153350BS

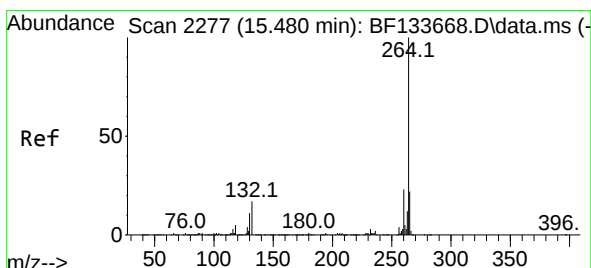
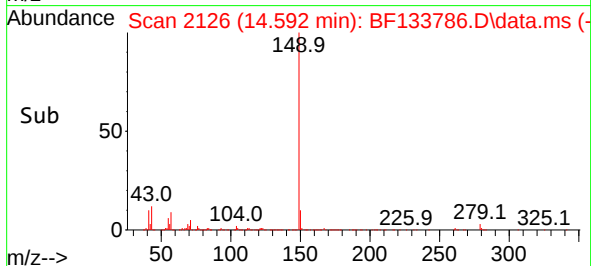
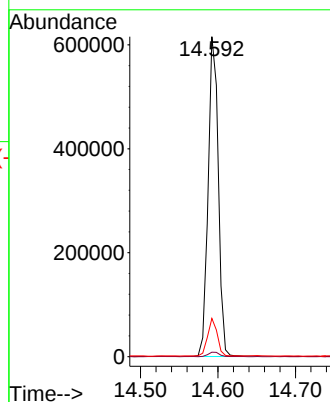
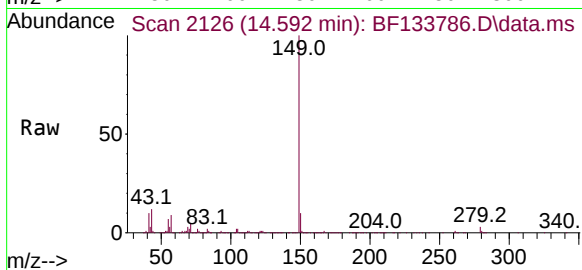
Tgt Ion:149 Resp: 560607

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

43 11.2 8.7 13.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 2274

Delta R.T. -0.000 min

Lab File: BF133786.D

Acq: 15 Jun 2023 21:20

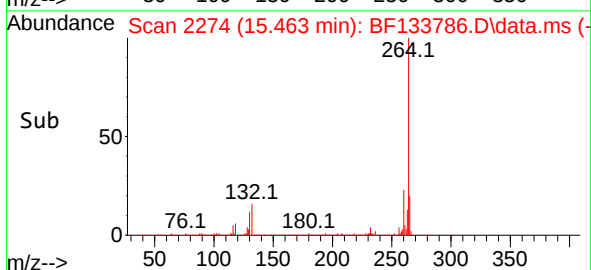
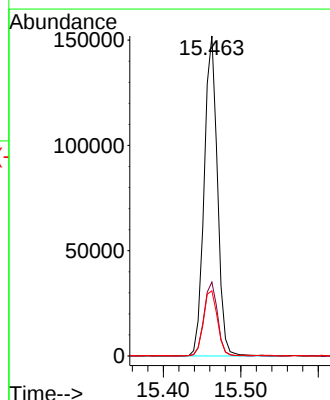
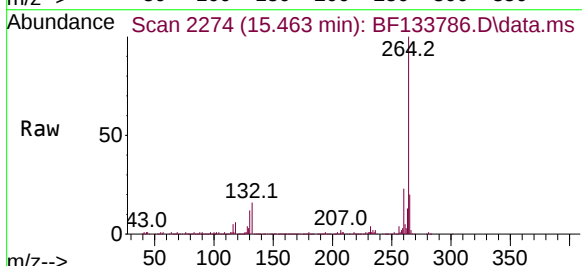
Tgt Ion:264 Resp: 179903

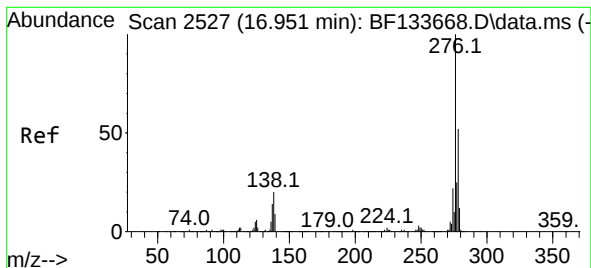
Ion Ratio Lower Upper

264 100

260 23.1 18.2 27.2

265 20.3 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.714 ng

RT: 16.927 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF133786.D

Acq: 15 Jun 2023 21:20

Instrument :

BNA_F

ClientSampleId :

PB153350BS

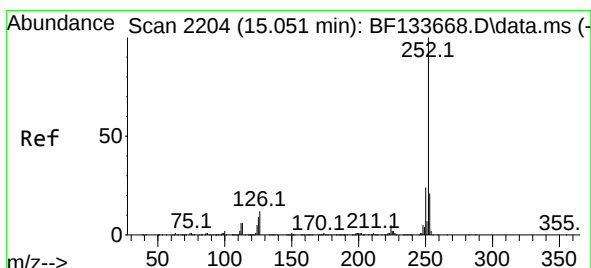
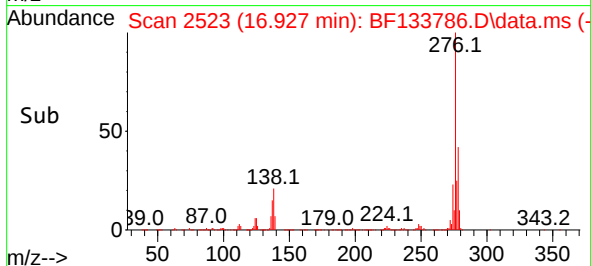
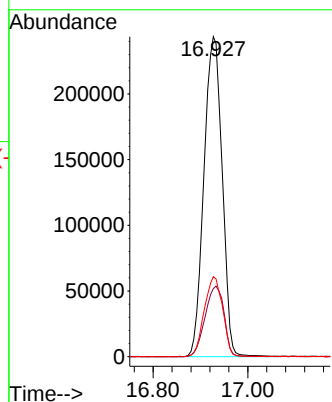
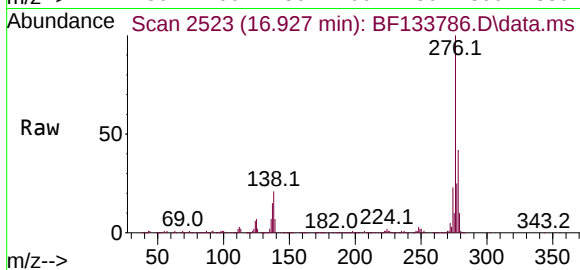
Tgt Ion:276 Resp: 652432

Ion Ratio Lower Upper

276 100

138 22.9 17.9 26.9

277 25.2 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 44.121 ng

RT: 15.039 min Scan# 2202

Delta R.T. -0.000 min

Lab File: BF133786.D

Acq: 15 Jun 2023 21:20

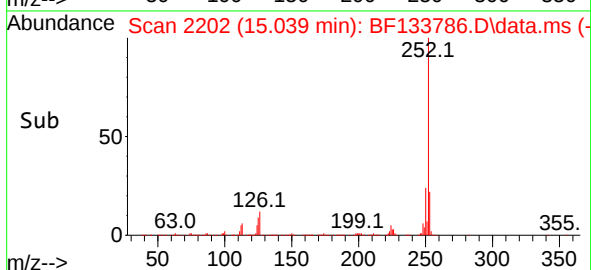
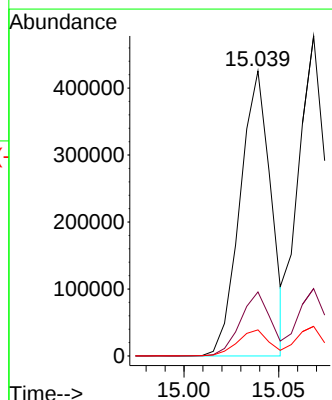
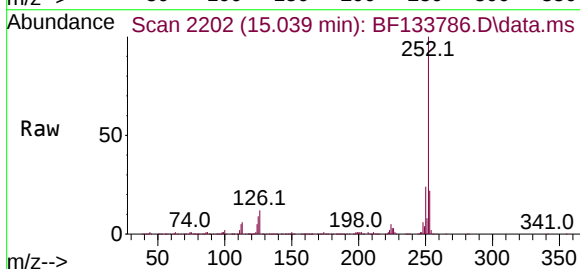
Tgt Ion:252 Resp: 482165

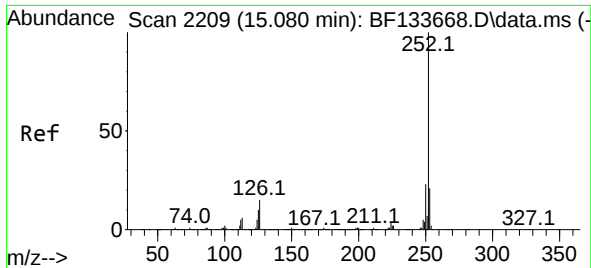
Ion Ratio Lower Upper

252 100

253 22.5 17.0 25.6

125 9.2 7.3 10.9

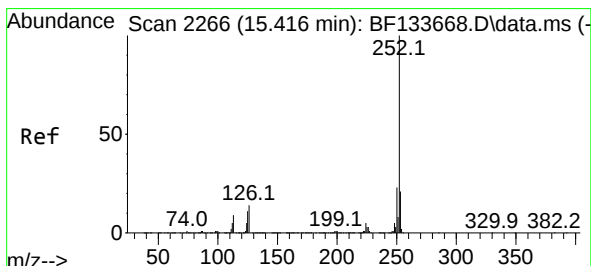
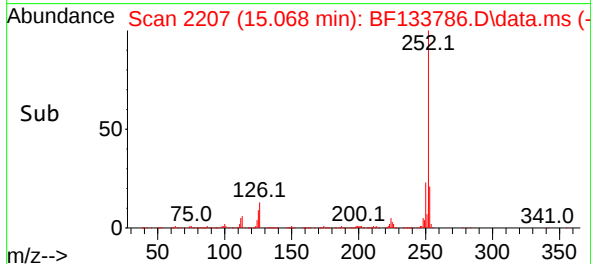
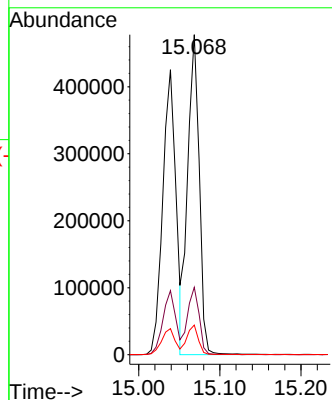
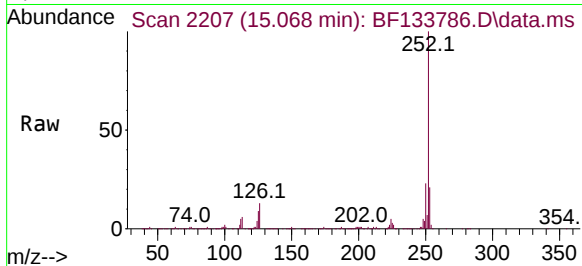




#89
Benzo(k)fluoranthene
Concen: 44.379 ng
RT: 15.068 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF133786.D
Acq: 15 Jun 2023 21:20

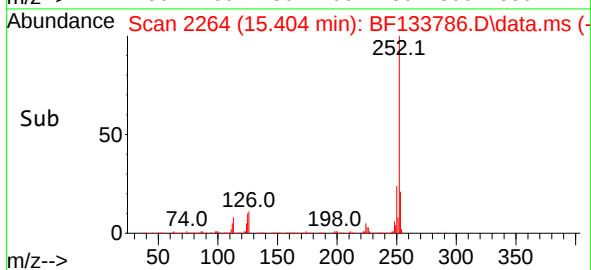
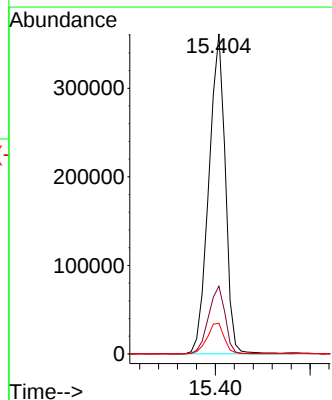
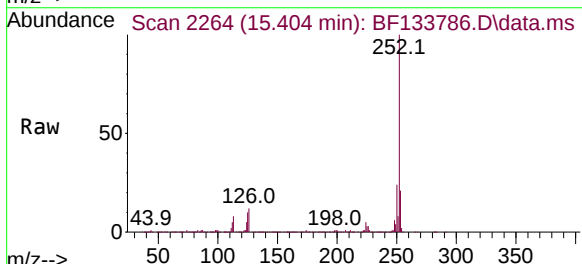
Instrument :
BNA_F
ClientSampleId :
PB153350BS

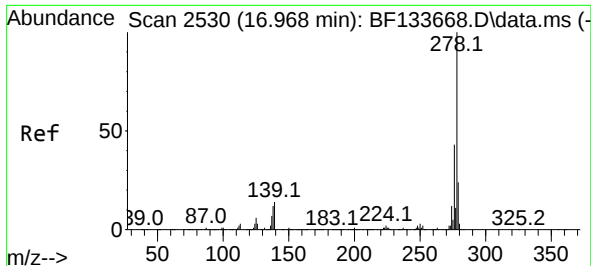
Tgt Ion:252 Resp: 472438
Ion Ratio Lower Upper
252 100
253 21.0 17.0 25.4
125 9.3 7.8 11.6



#90
Benzo(a)pyrene
Concen: 42.830 ng
RT: 15.404 min Scan# 2264
Delta R.T. -0.000 min
Lab File: BF133786.D
Acq: 15 Jun 2023 21:20

Tgt Ion:252 Resp: 434392
Ion Ratio Lower Upper
252 100
253 21.2 17.1 25.7
125 9.6 8.6 13.0

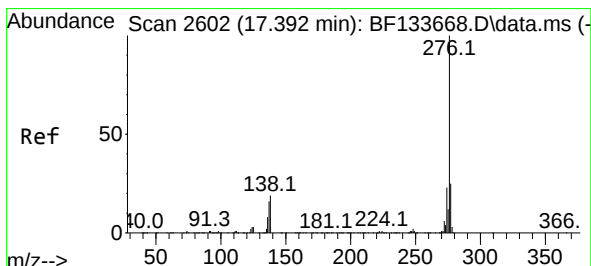
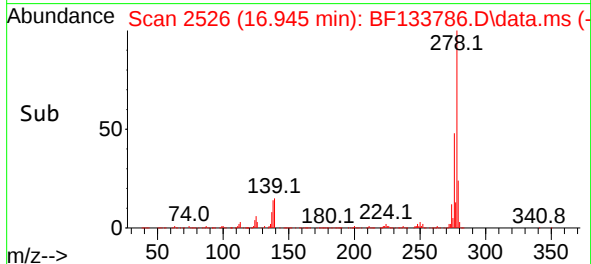
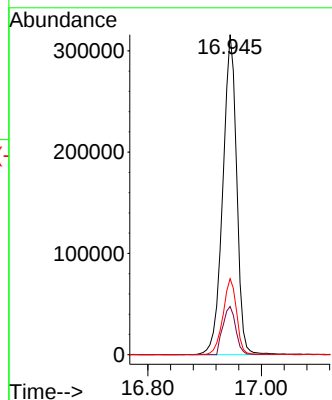
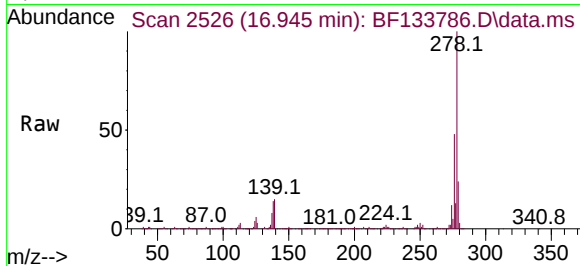




#91
Dibenzo(a,h)anthracene
Concen: 52.566 ng
RT: 16.945 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF133786.D
Acq: 15 Jun 2023 21:20

Instrument :
BNA_F
ClientSampleId :
PB153350BS

Tgt Ion:278 Resp: 538624
Ion Ratio Lower Upper
278 100
139 15.1 11.4 17.2
279 23.8 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 54.699 ng
RT: 17.374 min Scan# 2599
Delta R.T. 0.006 min
Lab File: BF133786.D
Acq: 15 Jun 2023 21:20

Tgt Ion:276 Resp: 555703
Ion Ratio Lower Upper
276 100
277 24.0 19.8 29.8
138 19.7 15.0 22.4

