

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071024\
 Data File : BF138495.D
 Acq On : 10 Jul 2024 11:52
 Operator : CG\JU
 Sample : PB161493BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161493BS

Quant Time: Jul 10 12:50:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	103250	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	428755	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	231682	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	433358	20.000	ng	0.00
76) Chrysene-d12	14.027	240	235956	20.000	ng	0.00
86) Perylene-d12	15.486	264	195862	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	603344	92.547	ng	0.01
7) Phenol-d6	6.504	99	803474	92.645	ng	0.00
23) Nitrobenzene-d5	7.434	82	770929	88.281	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	214610	99.113	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1343511	90.632	ng	0.00
79) Terphenyl-d14	12.974	244	1444366	99.724	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	113107	39.173	ng	99
3) Pyridine	3.475	79	287406	40.363	ng	97
4) n-Nitrosodimethylamine	3.452	42	222293	47.957	ng	95
6) Aniline	6.528	93	339964	41.851	ng	95
8) 2-Chlorophenol	6.657	128	341748	49.575	ng	98
9) Benzaldehyde	6.416	77	46218	9.956	ng	98
10) Phenol	6.522	94	447043	48.563	ng	95
11) bis(2-Chloroethyl)ether	6.604	93	332951	48.039	ng	99
12) 1,3-Dichlorobenzene	6.810	146	346851	44.763	ng	98
13) 1,4-Dichlorobenzene	6.881	146	351555	44.678	ng	97
14) 1,2-Dichlorobenzene	7.034	146	338893	46.243	ng	98
15) Benzyl Alcohol	7.010	79	327529	50.323	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.140	45	665178	48.804	ng	100
17) 2-Methylphenol	7.128	107	277367	49.095	ng	98
18) Hexachloroethane	7.375	117	132405	45.772	ng	95
19) n-Nitroso-di-n-propyla...	7.281	70	260747	48.657	ng	99
20) 3+4-Methylphenols	7.281	107	339195	47.678	ng	# 88
22) Acetophenone	7.275	105	462426	44.407	ng	# 95
24) Nitrobenzene	7.451	77	392030	44.176	ng	97
25) Isophorone	7.692	82	726653	48.454	ng	99
26) 2-Nitrophenol	7.763	139	183232	48.174	ng	93
27) 2,4-Dimethylphenol	7.804	122	309313	66.166	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	421386	47.016	ng	97
29) 2,4-Dichlorophenol	8.010	162	286997	47.276	ng	98
30) 1,2,4-Trichlorobenzene	8.087	180	309343	43.743	ng	98
31) Naphthalene	8.169	128	995653	44.651	ng	99
32) Benzoic acid	7.945	122	204858	45.946	ng	93
33) 4-Chloroaniline	8.216	127	243570	31.131	ng	99
34) Hexachlorobutadiene	8.281	225	184457	42.357	ng	96
35) Caprolactam	8.598	113	49883	25.465	ng	96
36) 4-Chloro-3-methylphenol	8.710	107	320163	47.109	ng	97
37) 2-Methylnaphthalene	8.863	142	644038	44.881	ng	100
38) 1-Methylnaphthalene	8.963	142	602572	43.026	ng	97
40) 1,2,4,5-Tetrachloroben...	9.028	216	298010	46.152	ng	98
41) Hexachlorocyclopentadiene	9.010	237	366482	174.860	ng	100
43) 2,4,6-Trichlorophenol	9.139	196	202045	49.053	ng	100

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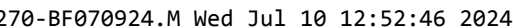
Instrument :
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	214191	47.280	ng	98
46) 1,1'-Biphenyl	9.328	154	808769	46.063	ng	100
47) 2-Chloronaphthalene	9.351	162	622640	46.941	ng	99
48) 2-Nitroaniline	9.451	65	234798	51.082	ng	96
49) Acenaphthylene	9.769	152	938716	49.847	ng	99
50) Dimethylphthalate	9.634	163	745312	49.750	ng	99
51) 2,6-Dinitrotoluene	9.692	165	167888	48.673	ng	89
52) Acenaphthene	9.939	154	600722	47.988	ng	100
53) 3-Nitroaniline	9.863	138	126250	35.711	ng	99
54) 2,4-Dinitrophenol	9.969	184	195110	103.914	ng	99
55) Dibenzofuran	10.110	168	879134	48.418	ng	99
56) 4-Nitrophenol	10.034	139	297439	114.024	ng	98
57) 2,4-Dinitrotoluene	10.098	165	221990	49.740	ng	97
58) Fluorene	10.457	166	682389	47.498	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.228	232	187054	52.318	ng	98
60) Diethylphthalate	10.328	149	725488	50.234	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	336904	46.700	ng	97
62) 4-Nitroaniline	10.481	138	178613	50.418	ng	98
63) Azobenzene	10.604	77	757376	48.777	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	133361	53.296	ng	81
66) n-Nitrosodiphenylamine	10.563	169	613798	47.274	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	203936	45.786	ng	98
68) Hexachlorobenzene	10.998	284	222547	44.976	ng	99
69) Atrazine	11.092	200	215248	50.003	ng	98
70) Pentachlorophenol	11.198	266	264048	90.181	ng	96
71) Phenanthrene	11.416	178	1037502	47.388	ng	99
72) Anthracene	11.469	178	1038000	47.762	ng	98
73) Carbazole	11.622	167	926653	47.446	ng	99
74) Di-n-butylphthalate	11.945	149	1102624	48.978	ng	100
75) Fluoranthene	12.598	202	1062443	47.558	ng	97
77) Benzidine	12.722	184	175749	29.522	ng	99
78) Pyrene	12.833	202	1074307	44.851	ng	100
80) Butylbenzylphthalate	13.445	149	392056	54.411	ng	96
81) Benzo(a)anthracene	14.016	228	751031	47.436	ng	100
82) 3,3'-Dichlorobenzidine	13.974	252	173856	42.615	ng	# 99
83) Chrysene	14.051	228	694595	46.375	ng	99
84) Bis(2-ethylhexyl)phtha...	13.998	149	427477	55.627	ng	99
85) Di-n-octyl phthalate	14.610	149	567288	46.729	ng	100
87) Indeno(1,2,3-cd)pyrene	16.962	276	688696	52.348	ng	99
88) Benzo(b)fluoranthene	15.057	252	557789	50.569	ng	98
89) Benzo(k)fluoranthene	15.092	252	529683	49.237	ng	99
90) Benzo(a)pyrene	15.427	252	480240	49.562	ng	99
91) Dibenzo(a,h)anthracene	16.980	278	571650	53.118	ng	99
92) Benzo(g,h,i)perylene	17.410	276	575266	50.410	ng	96

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

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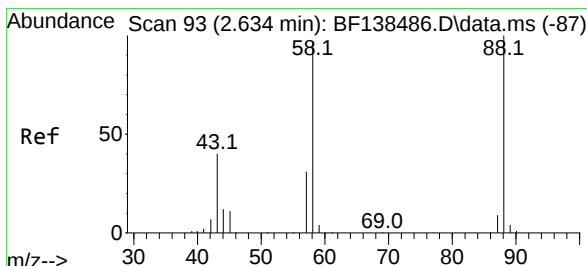
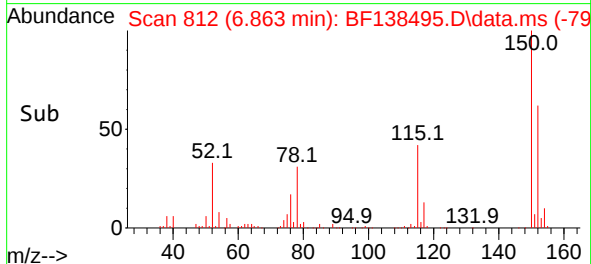
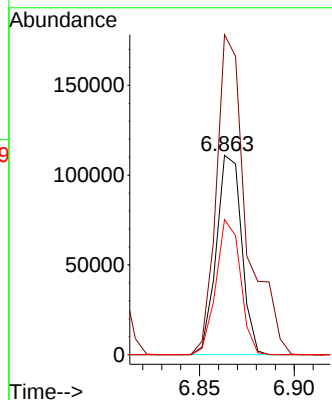
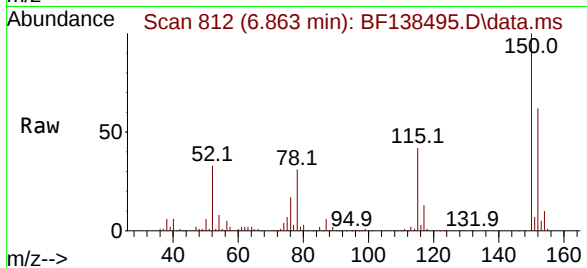




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF138495.D
 Acq: 10 Jul 2024 11:52

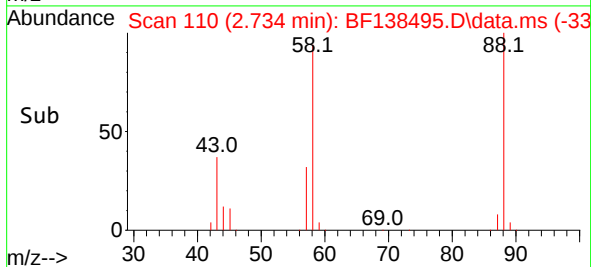
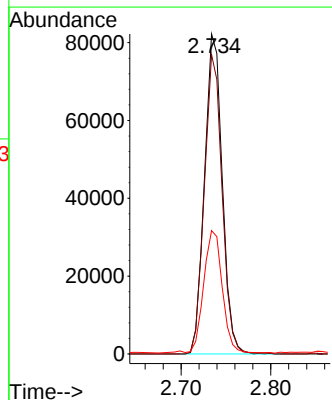
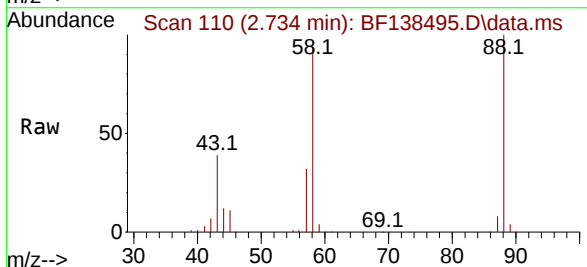
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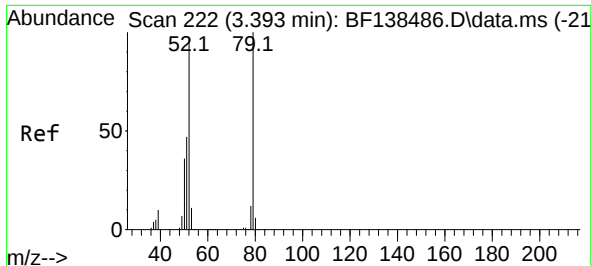
Tgt Ion:152 Resp: 103250
 Ion Ratio Lower Upper
 152 100
 150 160.6 126.2 189.4
 115 67.8 50.3 75.5



#2
 1,4-Dioxane
 Concen: 39.173 ng
 RT: 2.734 min Scan# 110
 Delta R.T. 0.100 min
 Lab File: BF138495.D
 Acq: 10 Jul 2024 11:52

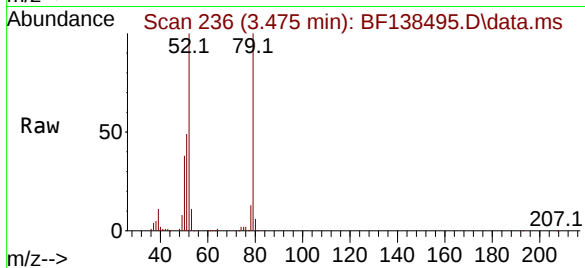
Tgt Ion: 88 Resp: 113107
 Ion Ratio Lower Upper
 88 100
 58 93.6 74.6 112.0
 43 40.7 31.8 47.6



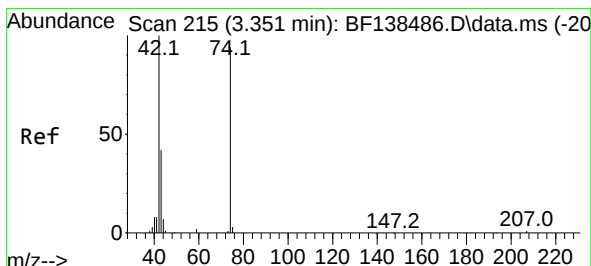
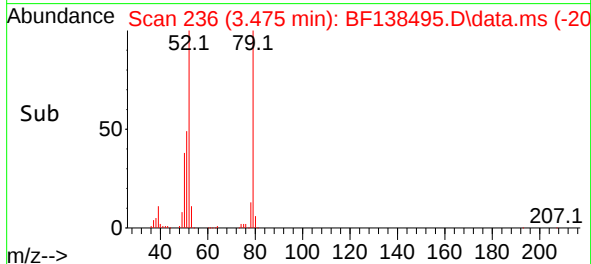
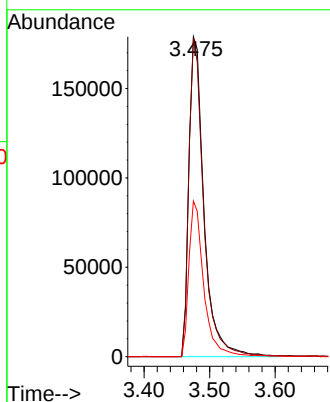


#3
Pyridine
Concen: 40.363 ng
RT: 3.475 min Scan# 21
Delta R.T. 0.083 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

Instrument :
BNA_F
ClientSampleId :
PB161493BS

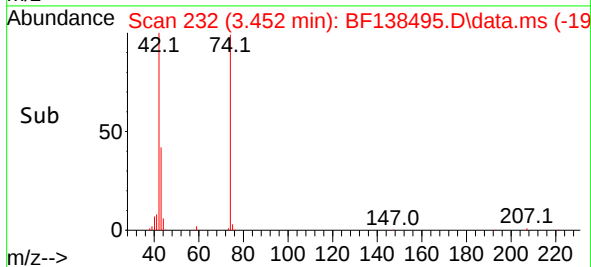
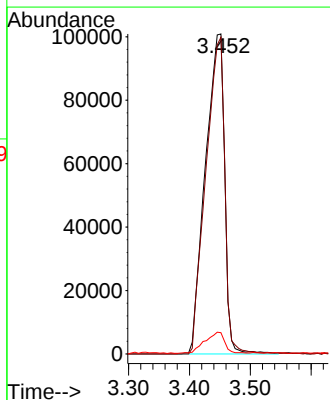
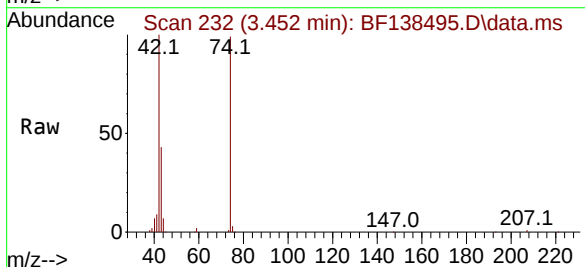


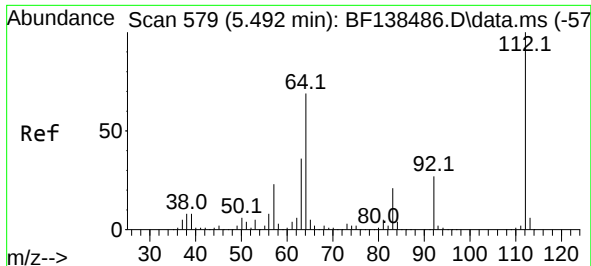
Tgt Ion: 79 Resp: 287406
Ion Ratio Lower Upper
79 100
52 99.6 77.4 116.2
51 48.7 37.4 56.0



#4
n-Nitrosodimethylamine
Concen: 47.957 ng
RT: 3.452 min Scan# 232
Delta R.T. 0.100 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

Tgt Ion: 42 Resp: 222293
Ion Ratio Lower Upper
42 100
74 99.0 75.0 112.6
44 6.7 5.4 8.2

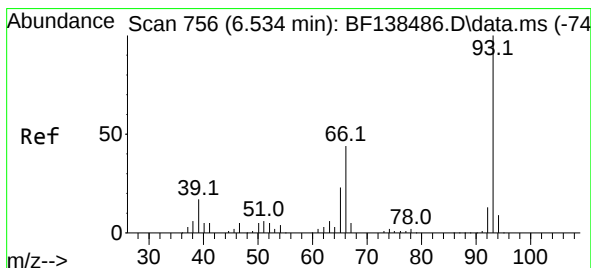
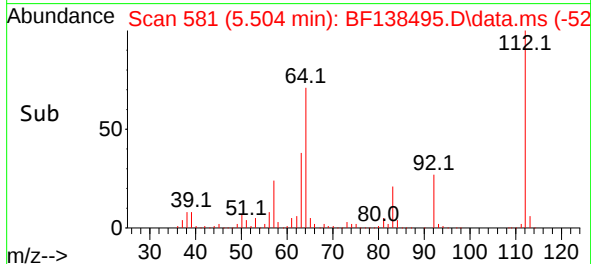
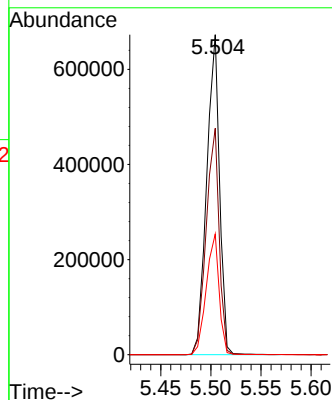
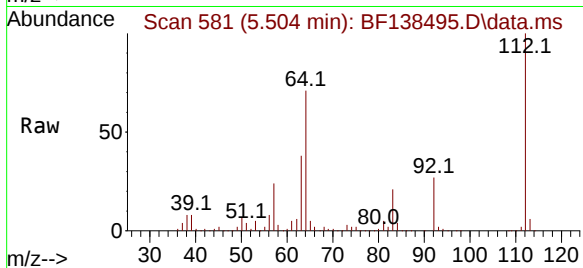




#5
2-Fluorophenol
Concen: 92.547 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

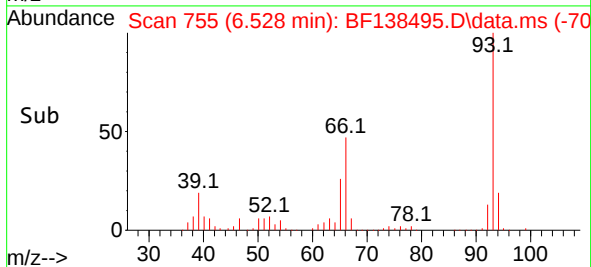
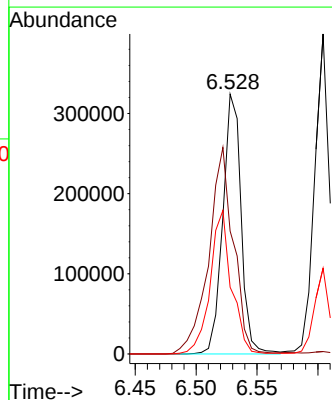
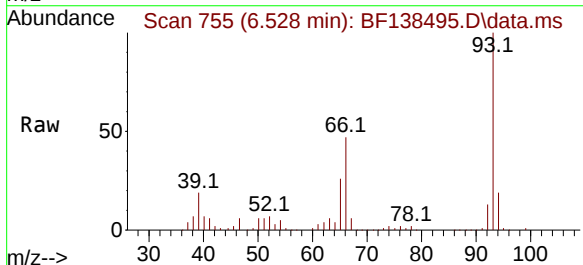
Instrument :
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Tgt Ion:112 Resp: 603344
Ion Ratio Lower Upper
112 100
64 70.7 55.1 82.7
63 37.7 29.0 43.6



#6
Aniline
Concen: 41.851 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

Tgt Ion: 93 Resp: 339964
Ion Ratio Lower Upper
93 100
66 47.3 35.4 53.0
65 25.7 18.6 27.8

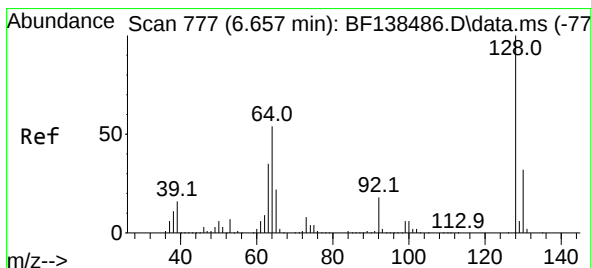
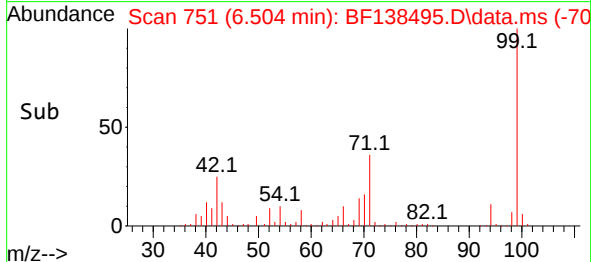
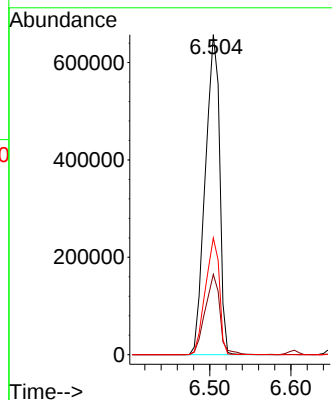
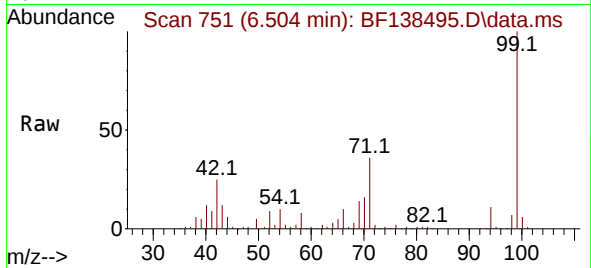




#7
Phenol-d6
Concen: 92.645 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF138495.D
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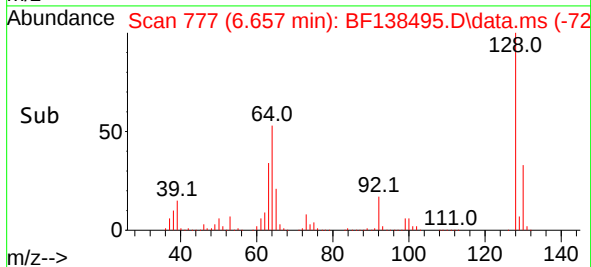
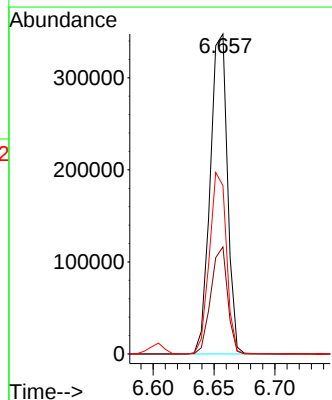
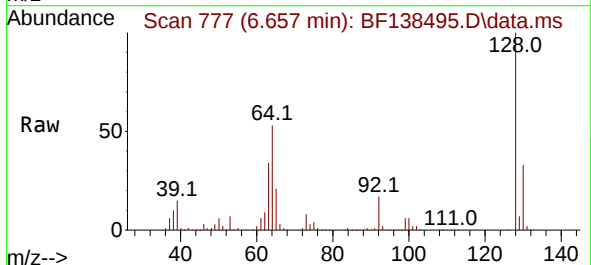
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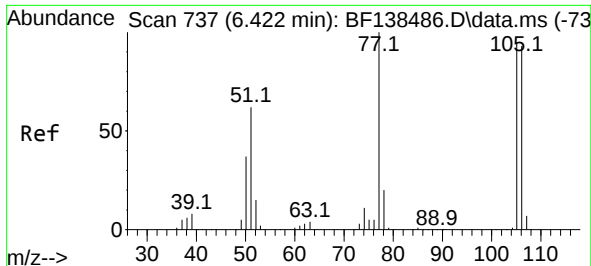
Tgt Ion: 99 Resp: 803474
Ion Ratio Lower Upper
99 100
42 25.1 19.7 29.5
71 36.5 29.9 44.9



#8
2-Chlorophenol
Concen: 49.575 ng
RT: 6.657 min Scan# 777
Delta R.T. 0.000 min
Lab File: BF138495.D
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Tgt Ion: 128 Resp: 341748
Ion Ratio Lower Upper
128 100
130 33.4 12.1 52.1
64 52.7 34.4 74.4

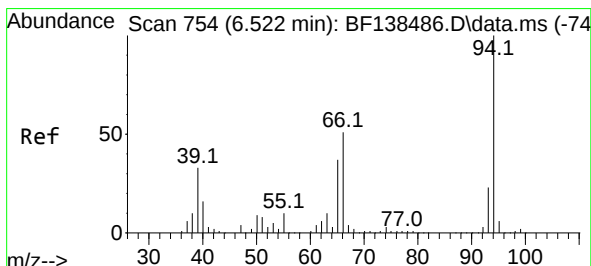
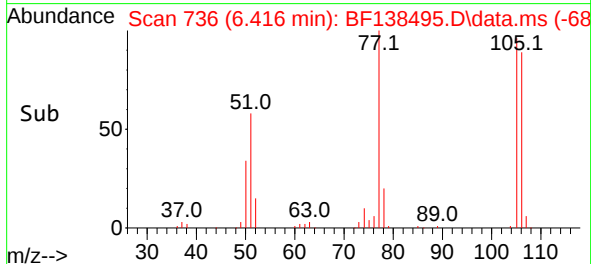
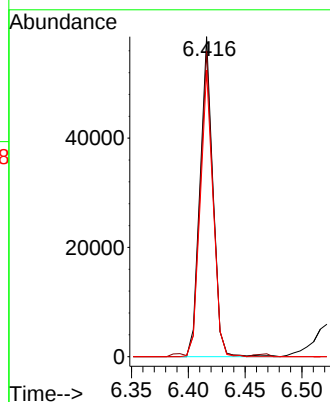
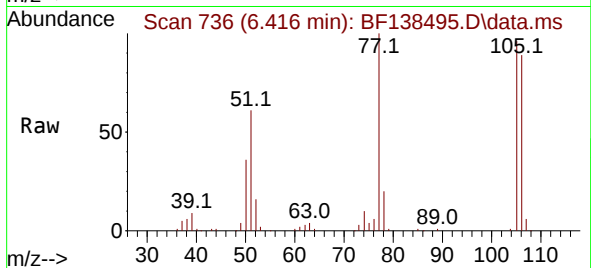




#9
Benzaldehyde
Concen: 9.956 ng
RT: 6.416 min Scan# 736
Delta R.T. -0.006 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

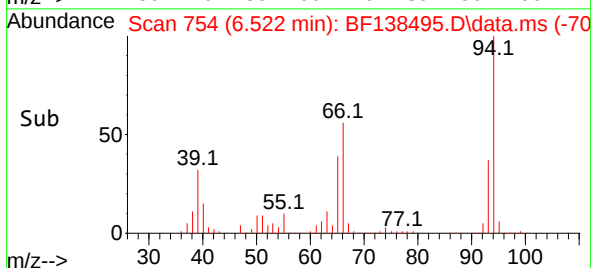
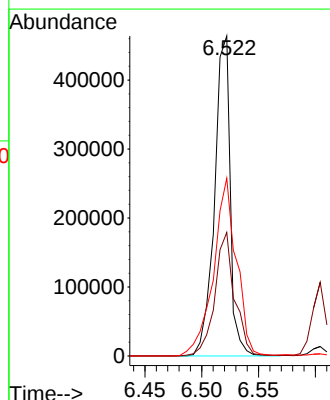
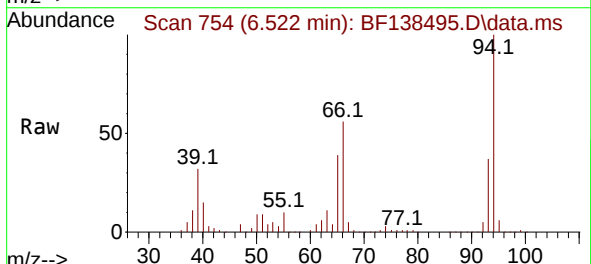
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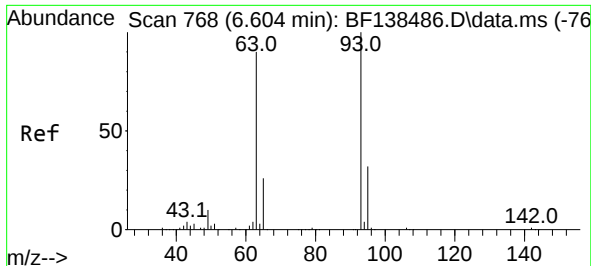
Tgt Ion: 77 Resp: 46218
Ion Ratio Lower Upper
77 100
105 95.5 75.1 115.1
106 89.4 73.2 113.2



#10
Phenol
Concen: 48.563 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

Tgt Ion: 94 Resp: 447043
Ion Ratio Lower Upper
94 100
65 38.6 16.7 56.7
66 55.6 31.2 71.2





#11

bis(2-Chloroethyl)ether

Concen: 48.039 ng

RT: 6.604 min Scan# 768

Delta R.T. 0.000 min

Lab File: BF138495.D

Acq: 10 Jul 2024 11:52

Instrument :

BNA_F

ClientSampleId :

PB161493BS

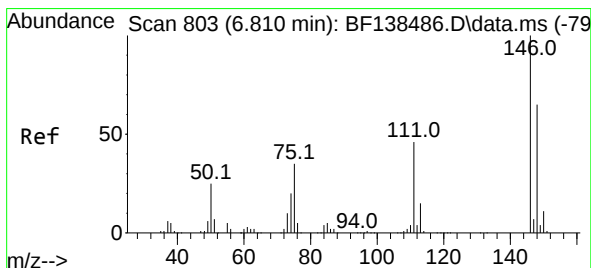
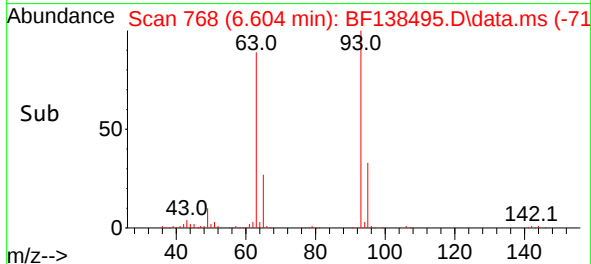
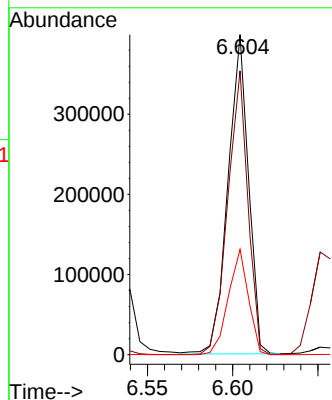
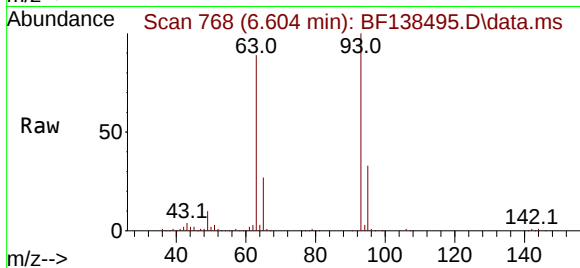
Tgt Ion: 93 Resp: 332951

Ion Ratio Lower Upper

93 100

63 88.7 68.8 108.8

95 32.9 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 44.763 ng

RT: 6.810 min Scan# 803

Delta R.T. 0.000 min

Lab File: BF138495.D

Acq: 10 Jul 2024 11:52

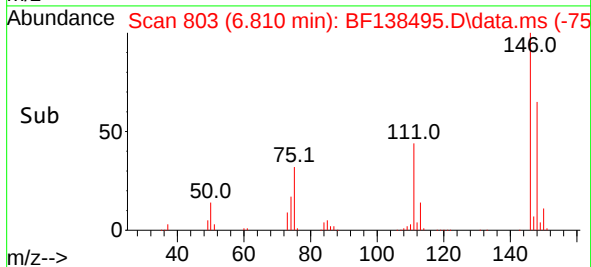
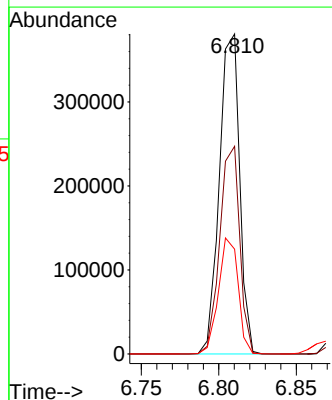
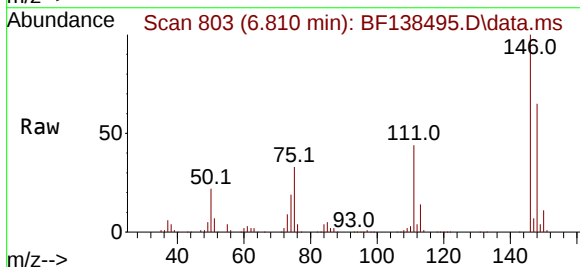
Tgt Ion: 146 Resp: 346851

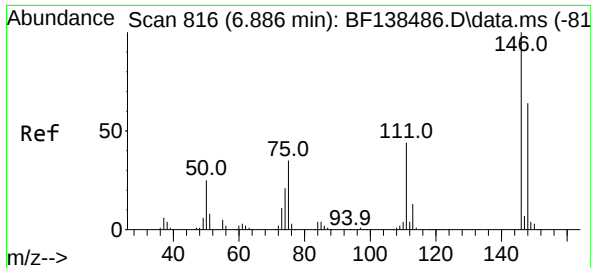
Ion Ratio Lower Upper

146 100

148 64.9 52.4 78.6

75 32.7 27.8 41.8

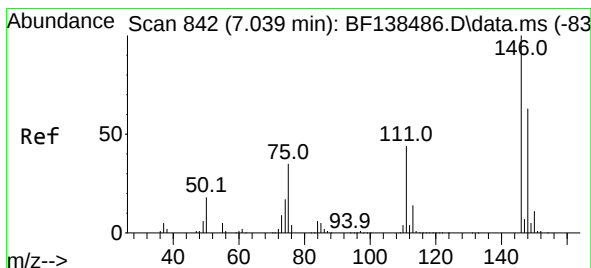
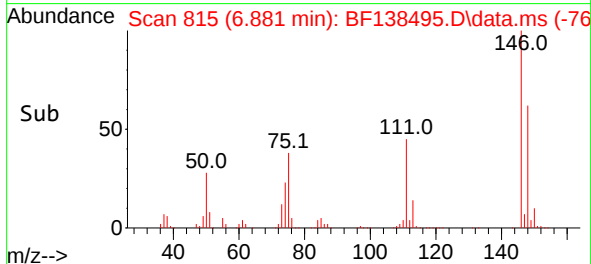
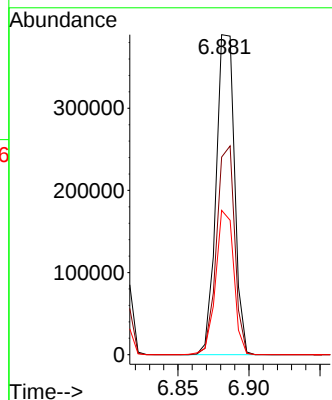
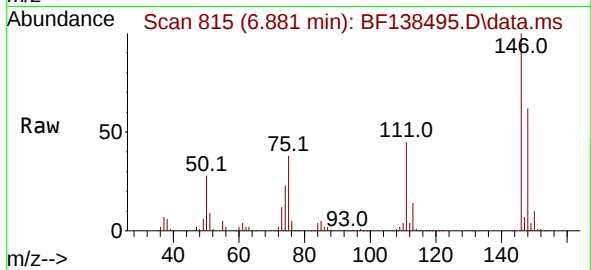




#13
1,4-Dichlorobenzene
Concen: 44.678 ng
RT: 6.881 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

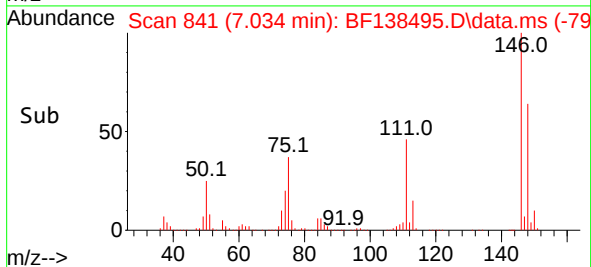
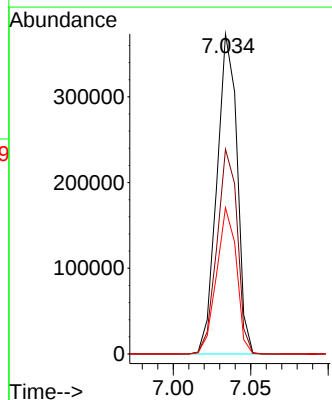
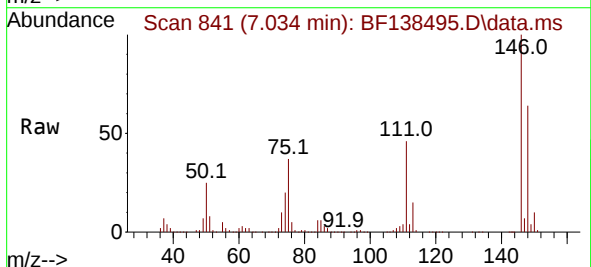
Instrument :
BNA_F
ClientSampleId :
PB161493BS

Tgt Ion:146 Resp: 351555
Ion Ratio Lower Upper
146 100
148 61.8 51.6 77.4
111 45.1 34.9 52.3



#14
1,2-Dichlorobenzene
Concen: 46.243 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

Tgt Ion:146 Resp: 338893
Ion Ratio Lower Upper
146 100
148 64.0 50.1 75.1
111 45.7 35.5 53.3





#15

Benzyl Alcohol

Concen: 50.323 ng

RT: 7.010 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF138495.D

Acq: 10 Jul 2024 11:52

Instrument :

BNA_F

ClientSampleId :

PB161493BS

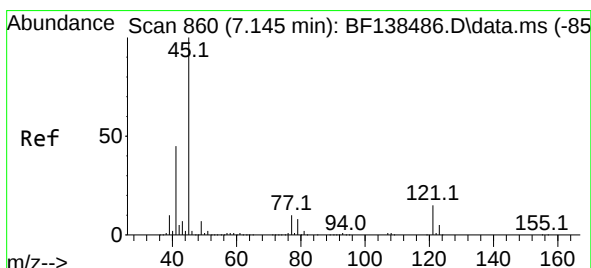
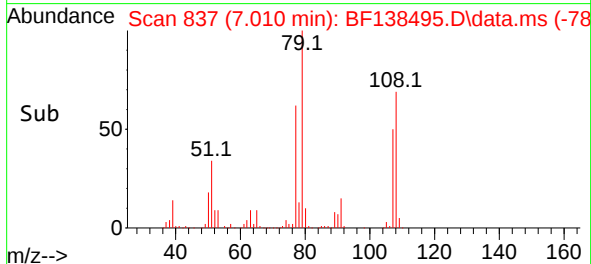
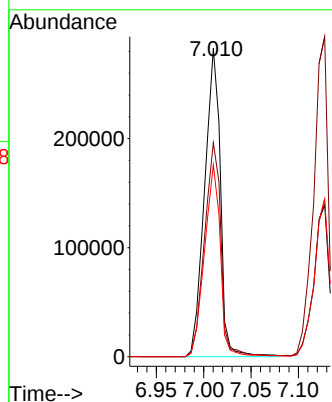
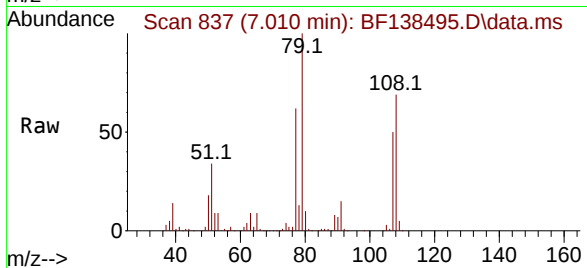
Tgt Ion: 79 Resp: 327529

Ion Ratio Lower Upper

79 100

108 69.4 54.3 81.5

77 62.1 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.804 ng

RT: 7.140 min Scan# 859

Delta R.T. -0.006 min

Lab File: BF138495.D

Acq: 10 Jul 2024 11:52

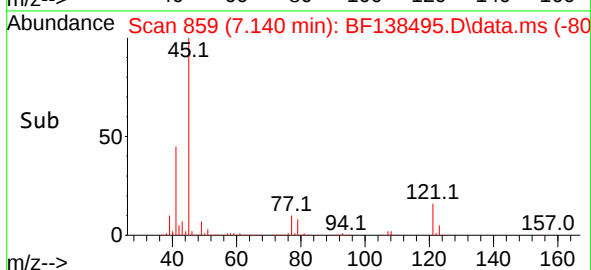
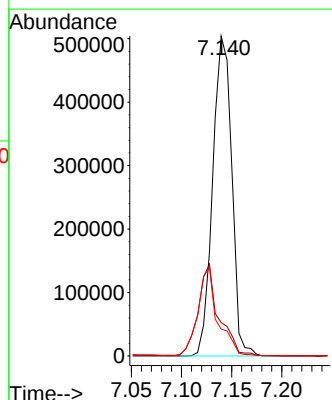
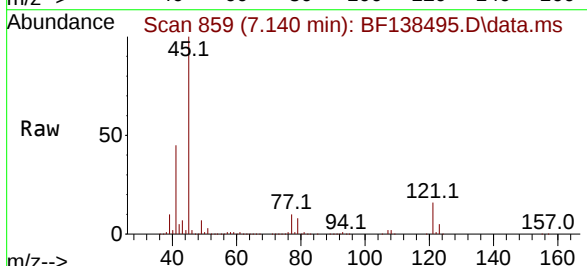
Tgt Ion: 45 Resp: 665178

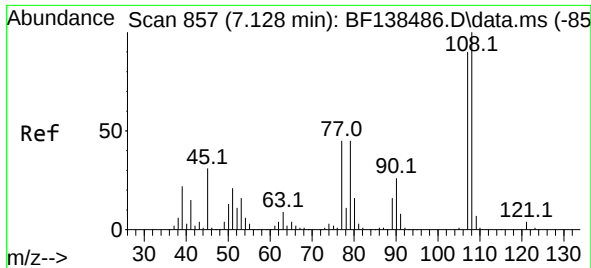
Ion Ratio Lower Upper

45 100

77 10.5 0.0 30.4

79 8.4 0.0 28.1

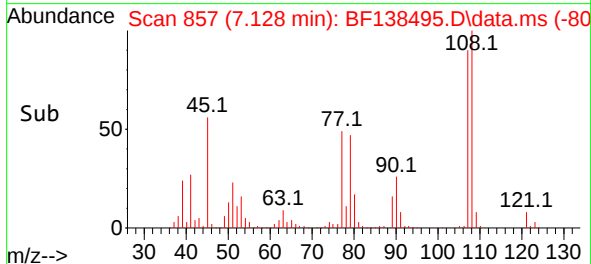
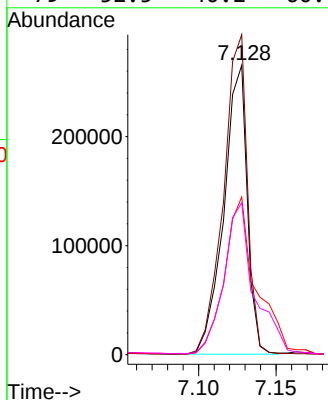
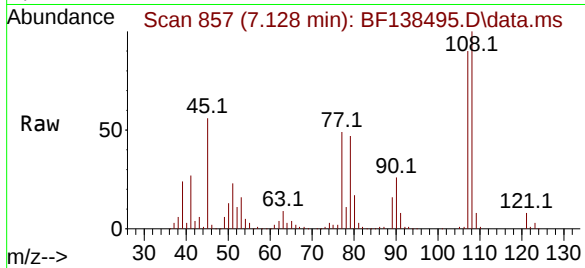




#17
2-Methylphenol
Concen: 49.095 ng
RT: 7.128 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

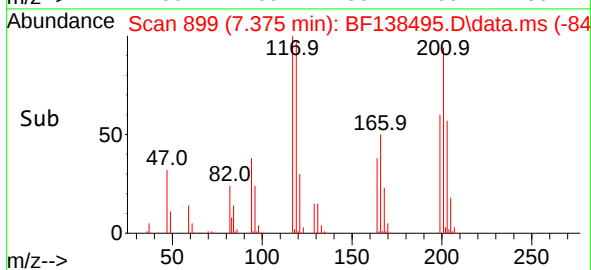
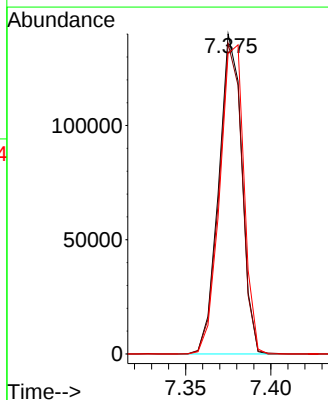
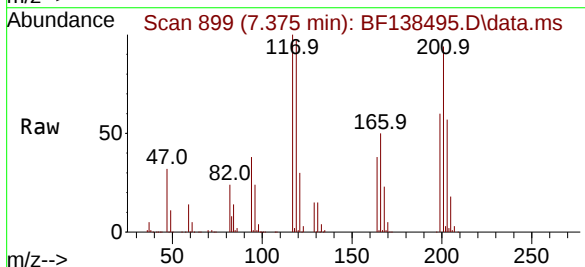
Instrument :
BNA_F
ClientSampleId :
PB161493BS

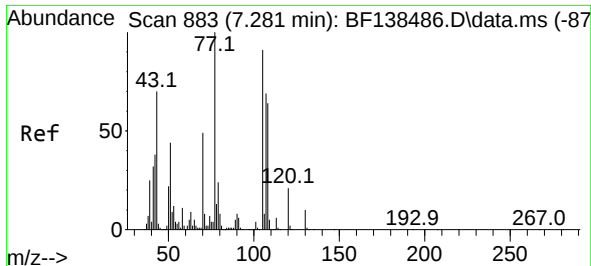
Tgt Ion:	107	Resp:	277367
Ion	Ratio	Lower	Upper
107	100		
108	110.6	89.0	133.4
77	54.5	40.3	60.5
79	52.5	40.2	60.4



#18
Hexachloroethane
Concen: 45.772 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

Tgt Ion:	117	Resp:	132405
Ion	Ratio	Lower	Upper
117	100		
119	97.0	76.6	114.8
201	93.9	81.4	122.0

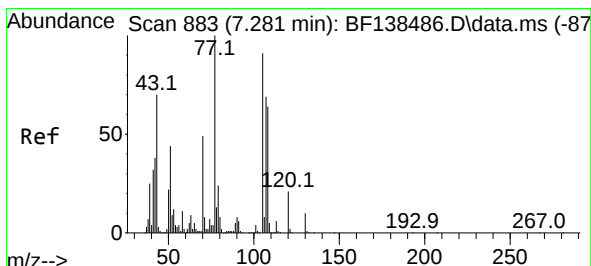
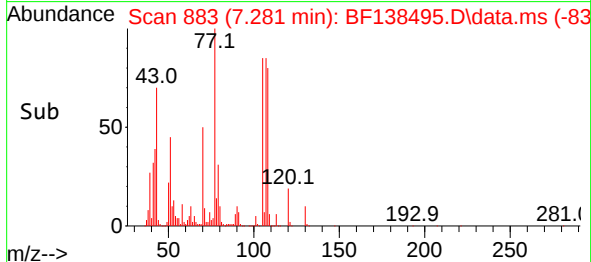
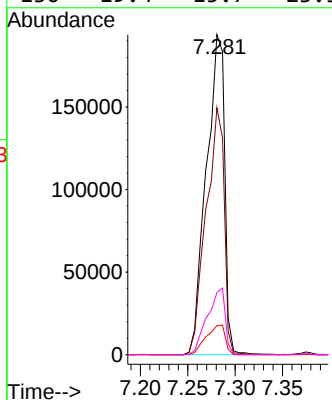
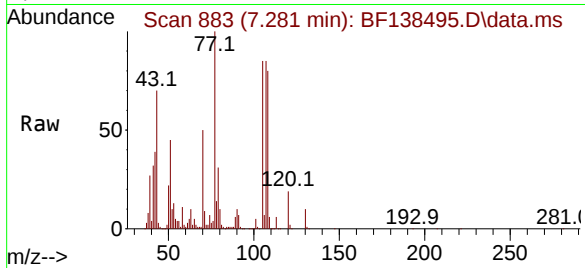




#19
n-Nitroso-di-n-propylamine
Concen: 48.657 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

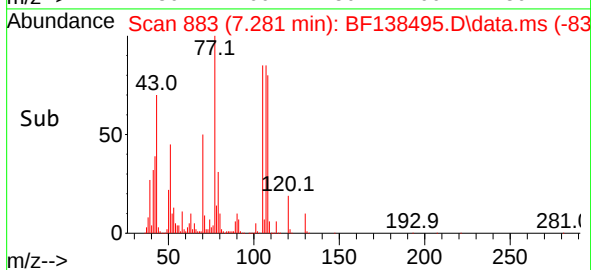
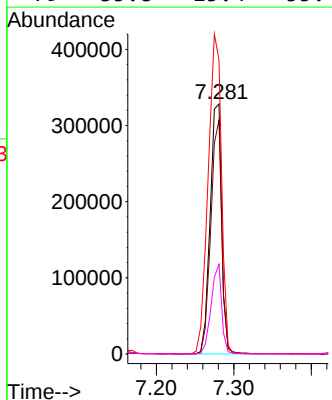
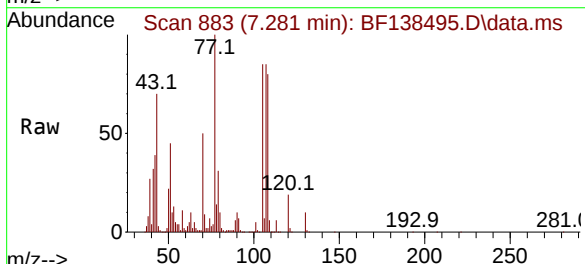
Instrument :
BNA_F
ClientSampleId :
PB161493BS

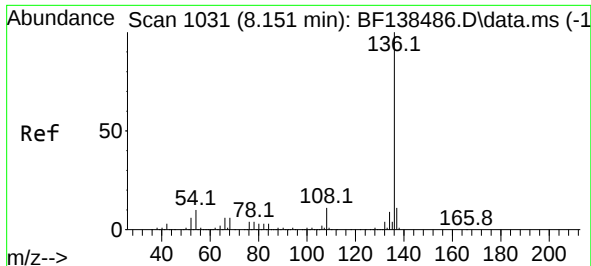
Tgt Ion: 70 Resp: 260747
Ion Ratio Lower Upper
70 100
42 77.1 62.4 93.6
101 9.1 7.2 10.8
130 19.4 15.7 23.5



#20
3+4-Methylphenols
Concen: 47.678 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

Tgt Ion: 107 Resp: 339195
Ion Ratio Lower Upper
107 100
108 93.5 73.7 113.7
77 117.4 126.0 166.0#
79 35.8 15.4 55.4

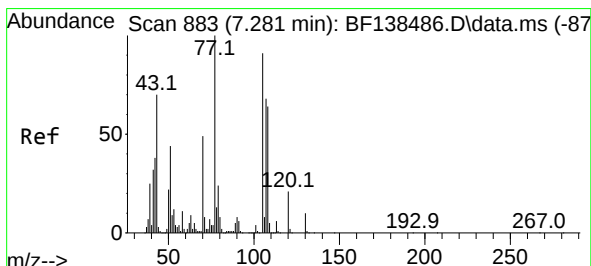
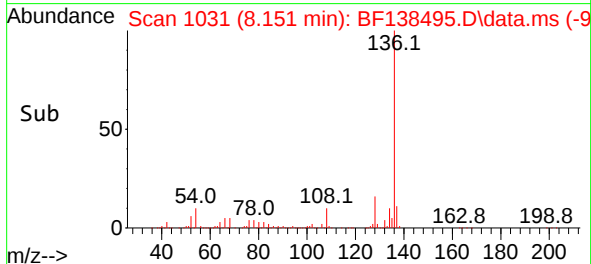
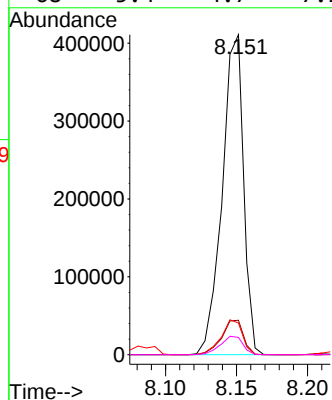
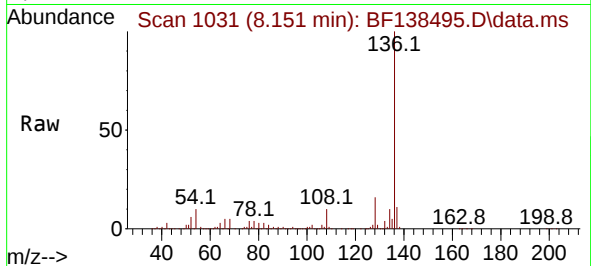




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

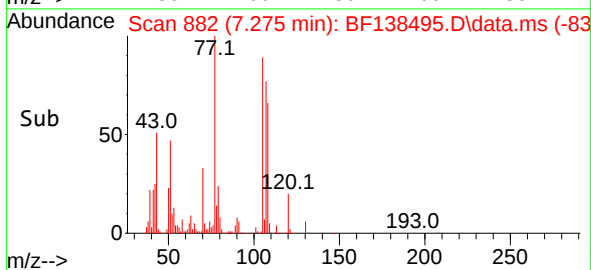
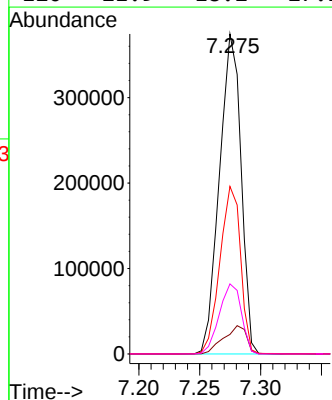
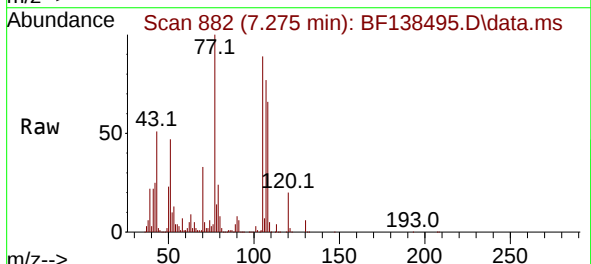
Instrument :
BNA_F
ClientSampleId :
PB161493BS

Tgt Ion:	136	Resp:	428755
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.5	12.7
54	9.9	8.1	12.1
68	5.4	4.7	7.1



#22
Acetophenone
Concen: 44.407 ng
RT: 7.275 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

Tgt Ion:	105	Resp:	462426
Ion Ratio	Lower	Upper	
105	100		
71	6.1	7.4	11.2#
51	52.4	38.7	58.1
120	21.9	18.2	27.2





#23

Nitrobenzene-d5

Concen: 88.281 ng

RT: 7.434 min Scan# 909

Delta R.T. 0.000 min

Lab File: BF138495.D

Acq: 10 Jul 2024 11:52

Instrument :

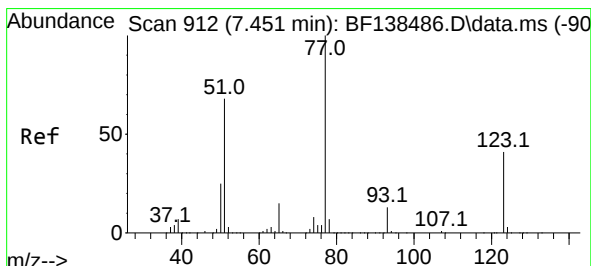
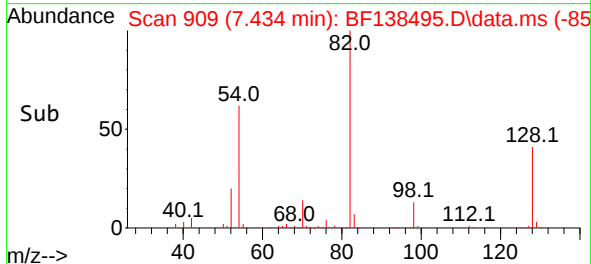
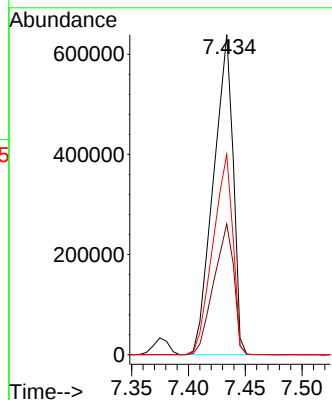
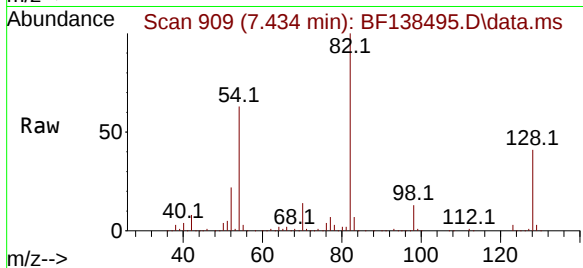
BNA_F

ClientSampleId :

PB161493BS

Tgt Ion: 82 Resp: 770929

Ion	Ratio	Lower	Upper
82	100		
128	40.8	32.3	48.5
54	62.6	51.4	77.0



#24

Nitrobenzene

Concen: 44.176 ng

RT: 7.451 min Scan# 912

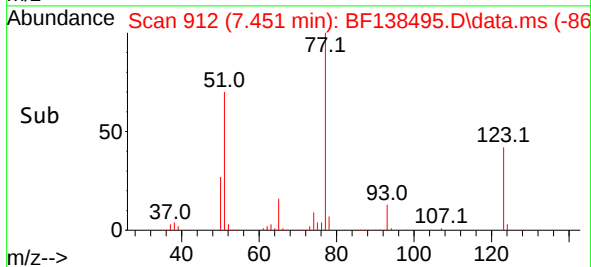
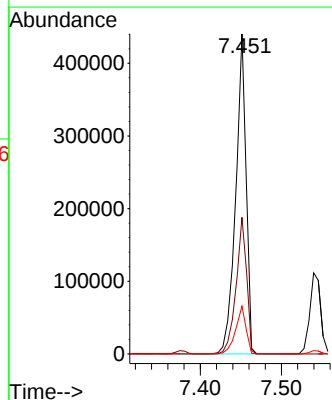
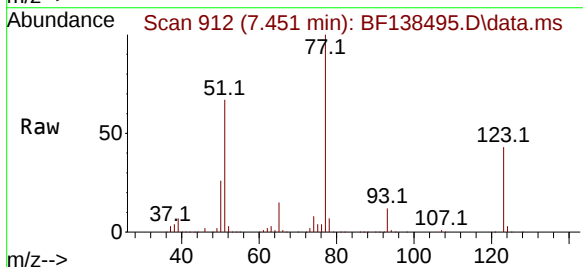
Delta R.T. 0.000 min

Lab File: BF138495.D

Acq: 10 Jul 2024 11:52

Tgt Ion: 77 Resp: 392030

Ion	Ratio	Lower	Upper
77	100		
123	42.7	32.4	48.6
65	14.9	11.8	17.8

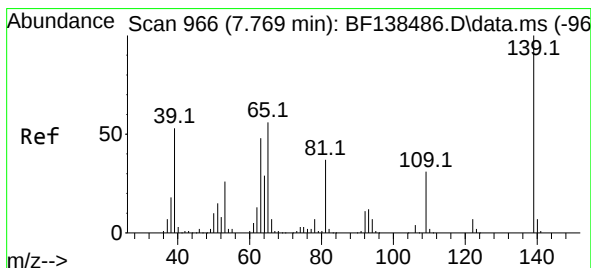
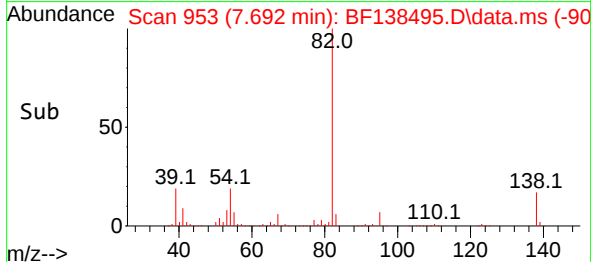
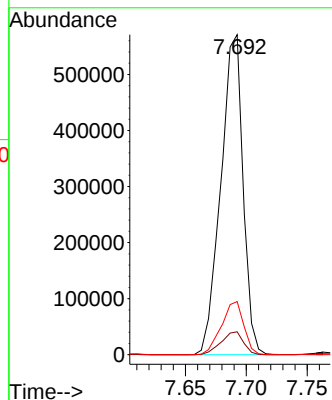
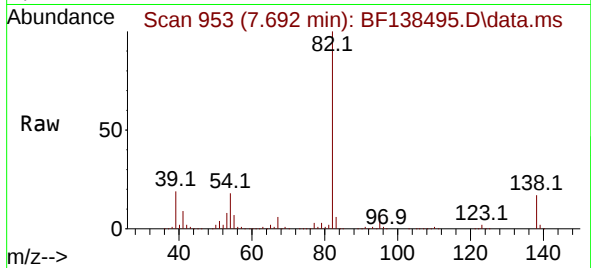




#25
Isophorone
Concen: 48.454 ng
RT: 7.692 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

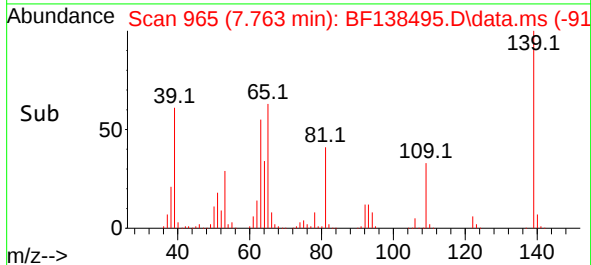
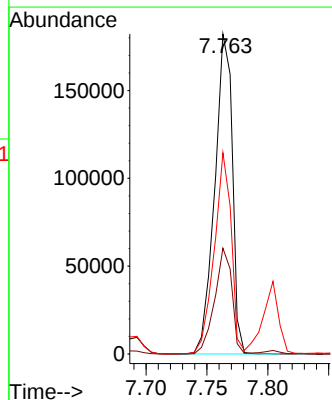
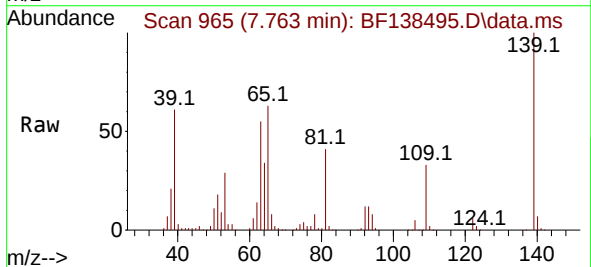
Instrument :
BNA_F
ClientSampleId :
PB161493BS

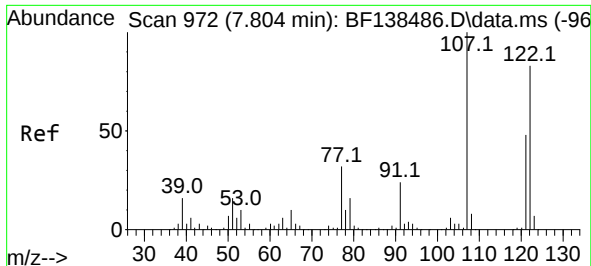
Tgt Ion: 82 Resp: 726653
Ion Ratio Lower Upper
82 100
95 7.1 6.0 9.0
138 16.6 12.8 19.2



#26
2-Nitrophenol
Concen: 48.174 ng
RT: 7.763 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

Tgt Ion:139 Resp: 183232
Ion Ratio Lower Upper
139 100
109 33.1 24.8 37.2
65 62.9 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 66.166 ng

RT: 7.804 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF138495.D

Acq: 10 Jul 2024 11:52

Instrument :

BNA_F

ClientSampleId :

PB161493BS

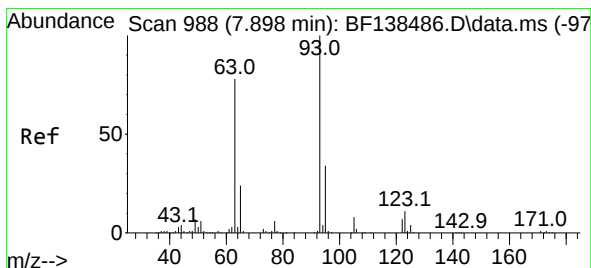
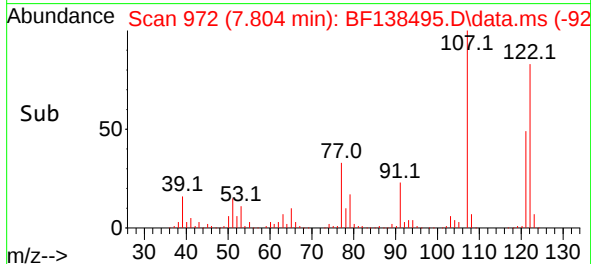
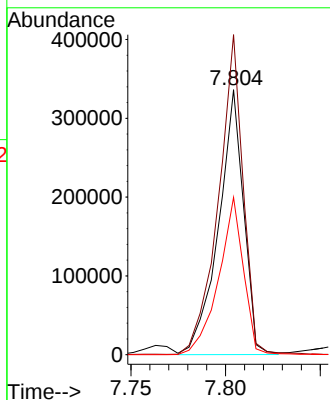
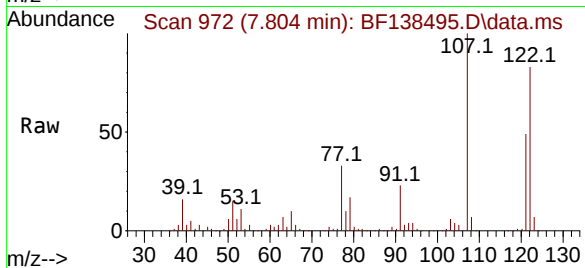
Tgt Ion:122 Resp: 309313

Ion Ratio Lower Upper

122 100

107 120.8 96.3 144.5

121 59.3 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 47.016 ng

RT: 7.898 min Scan# 988

Delta R.T. 0.000 min

Lab File: BF138495.D

Acq: 10 Jul 2024 11:52

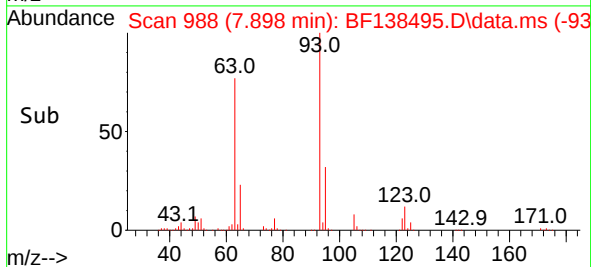
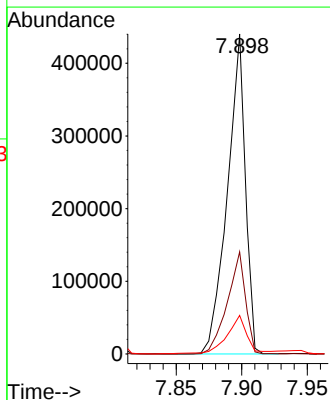
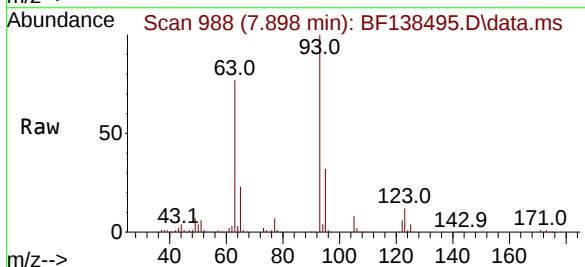
Tgt Ion: 93 Resp: 421386

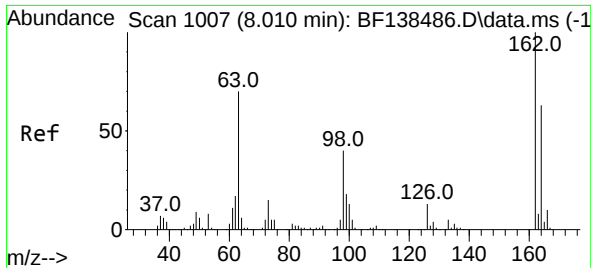
Ion Ratio Lower Upper

93 100

95 31.9 27.0 40.6

123 12.0 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 47.276 ng

RT: 8.010 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF138495.D

Acq: 10 Jul 2024 11:52

Instrument :

BNA_F

ClientSampleId :

PB161493BS

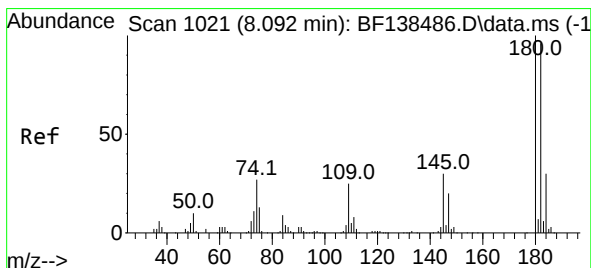
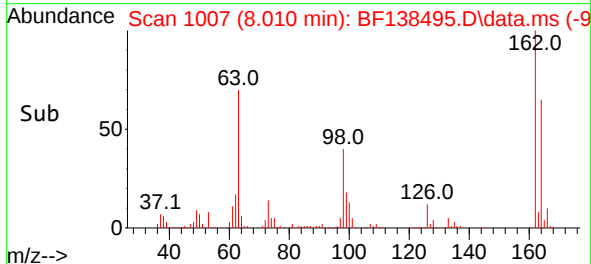
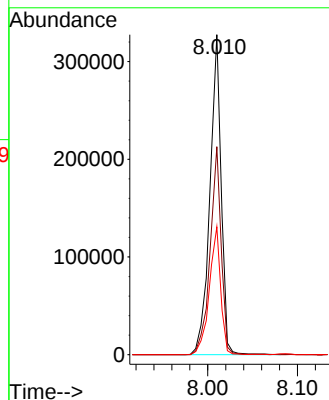
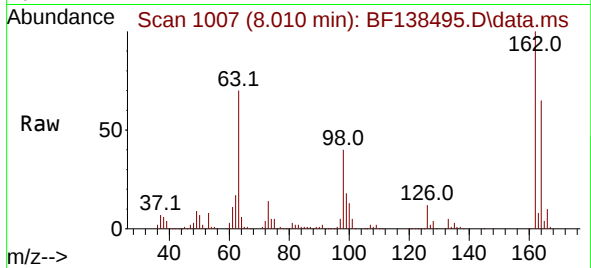
Tgt Ion:162 Resp: 286997

Ion Ratio Lower Upper

162 100

164 65.0 42.6 82.6

98 39.9 20.1 60.1



#30

1,2,4-Trichlorobenzene

Concen: 43.743 ng

RT: 8.087 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BF138495.D

Acq: 10 Jul 2024 11:52

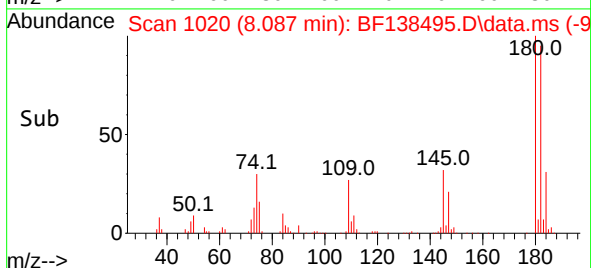
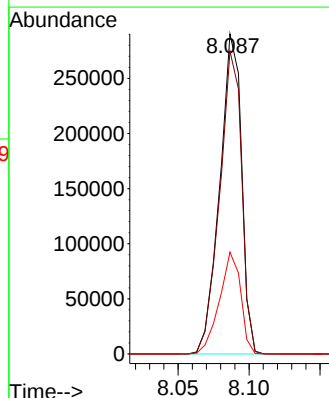
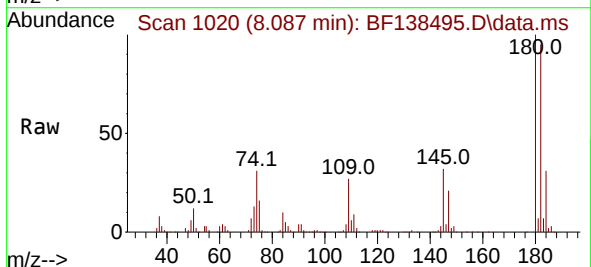
Tgt Ion:180 Resp: 309343

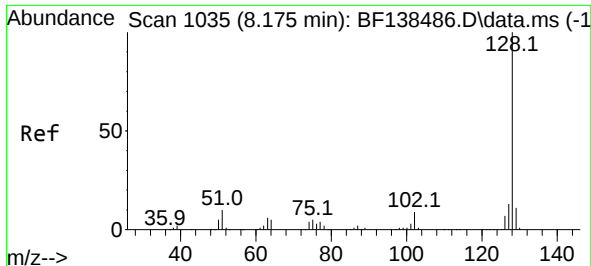
Ion Ratio Lower Upper

180 100

182 94.6 76.9 115.3

145 31.8 23.9 35.9

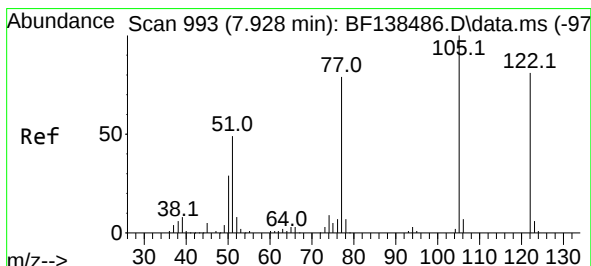
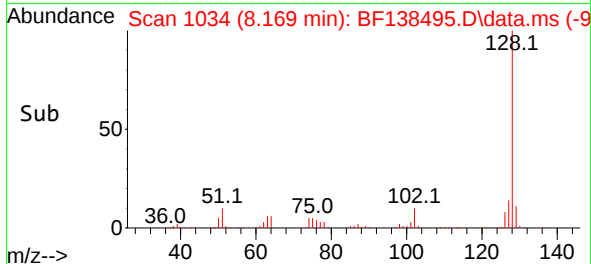
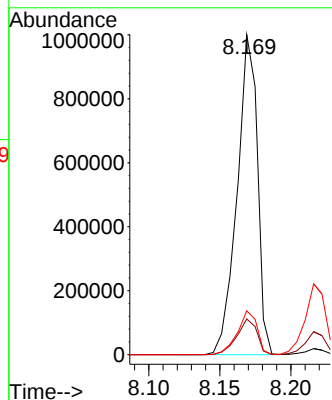
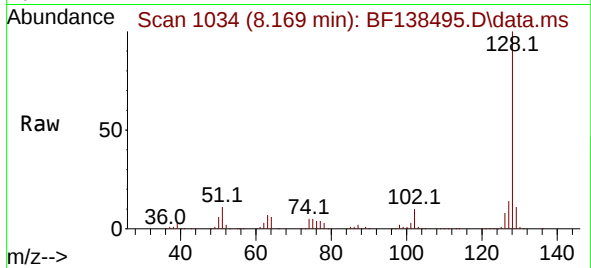




#31
Naphthalene
Concen: 44.651 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

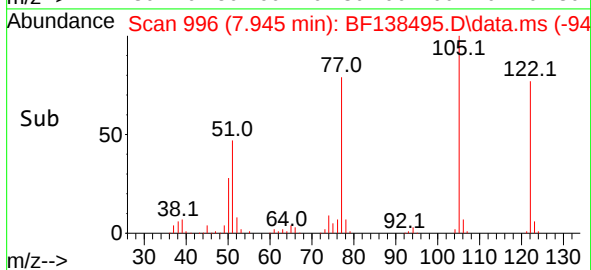
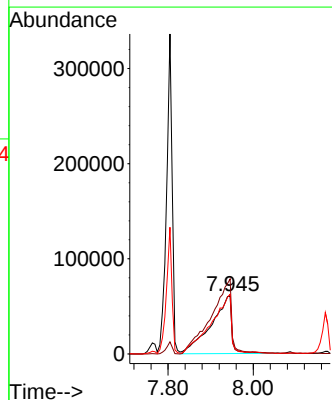
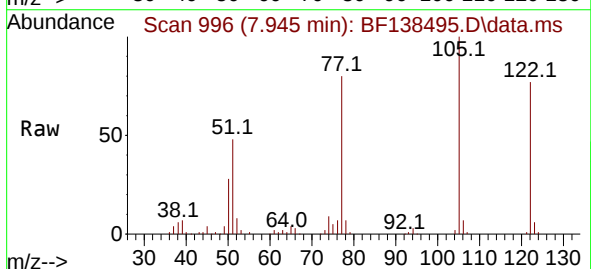
Instrument :
BNA_F
ClientSampleId :
PB161493BS

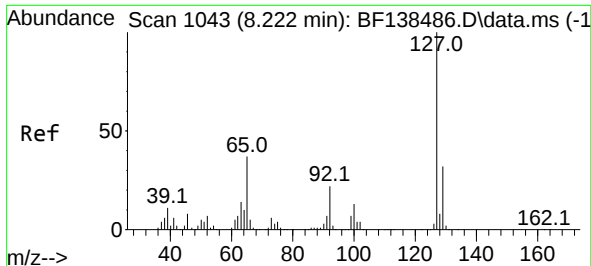
Tgt Ion:128 Resp: 995653
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.7 10.7 16.1



#32
Benzoic acid
Concen: 45.946 ng
RT: 7.945 min Scan# 996
Delta R.T. 0.018 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

Tgt Ion:122 Resp: 204858
Ion Ratio Lower Upper
122 100
105 129.8 101.5 141.5
77 103.4 77.3 117.3

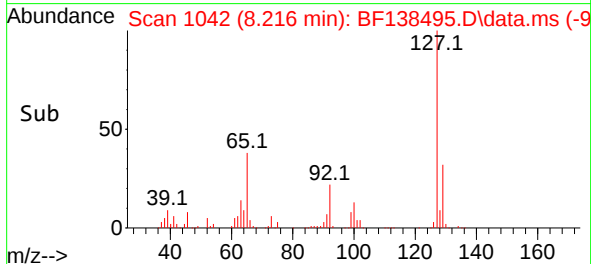
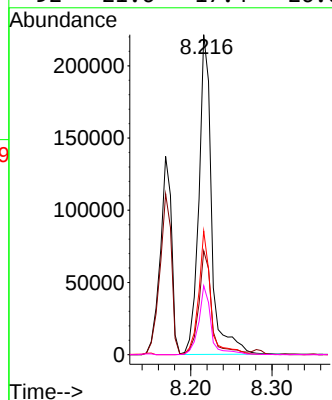
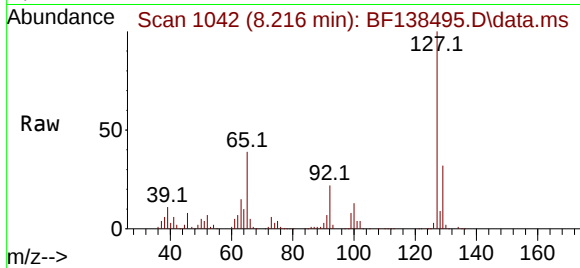




#33
4-Chloroaniline
Concen: 31.131 ng
RT: 8.216 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

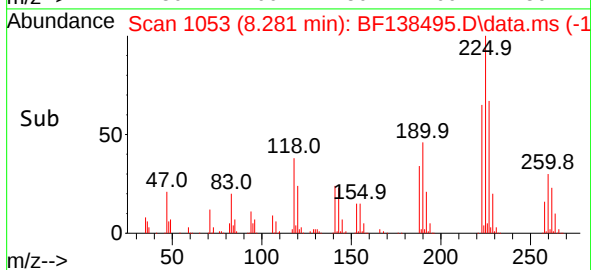
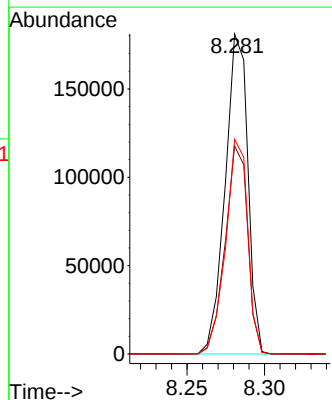
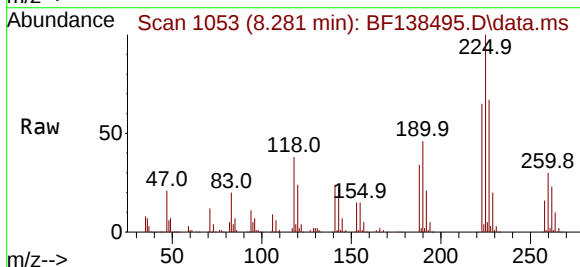
Instrument :
BNA_F
ClientSampleId :
PB161493BS

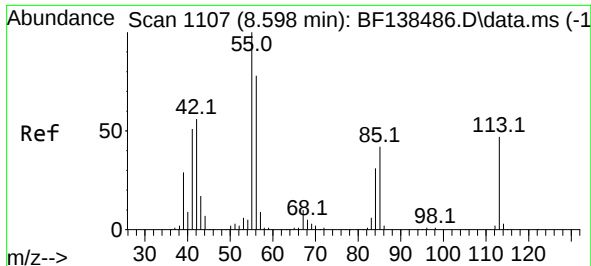
Tgt Ion:	127	Resp:	243570
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.6	38.4
65	38.6	29.6	44.4
92	21.6	17.4	26.0



#34
Hexachlorobutadiene
Concen: 42.357 ng
RT: 8.281 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

Tgt Ion:	225	Resp:	184457
Ion	Ratio	Lower	Upper
225	100		
223	65.0	50.0	75.0
227	67.1	51.0	76.6

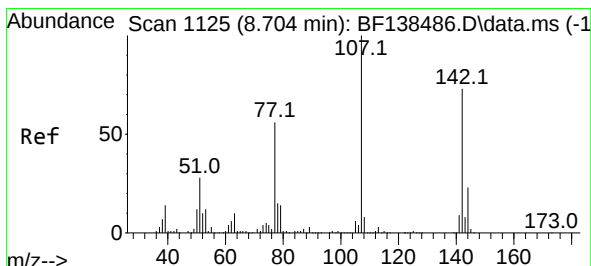
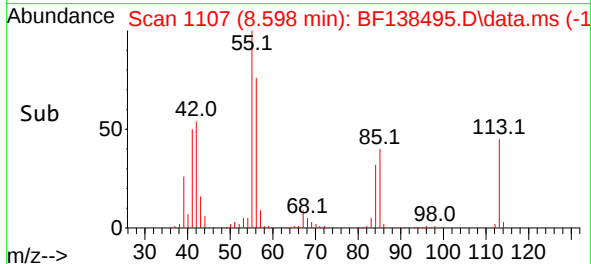
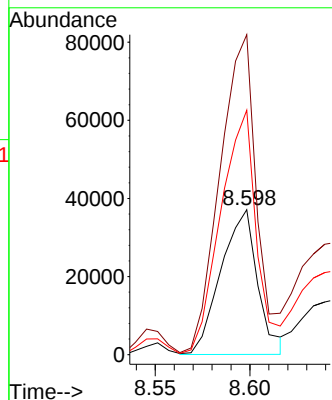
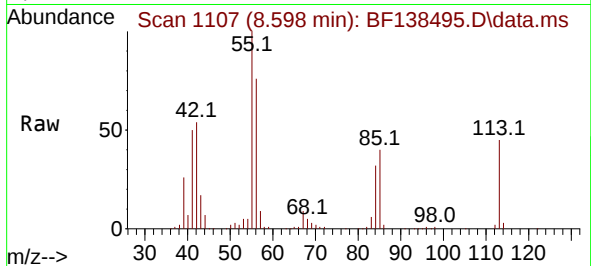




#35
 Caprolactam
 Concen: 25.465 ng
 RT: 8.598 min Scan# 1107
 Delta R.T. 0.000 min
 Lab File: BF138495.D
 Acq: 10 Jul 2024 11:52

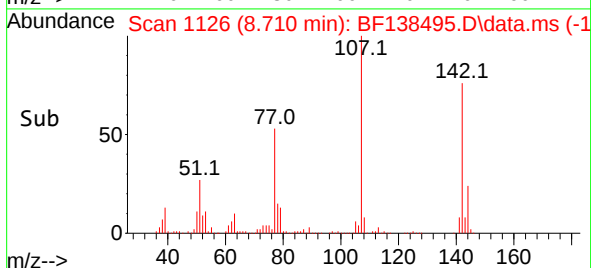
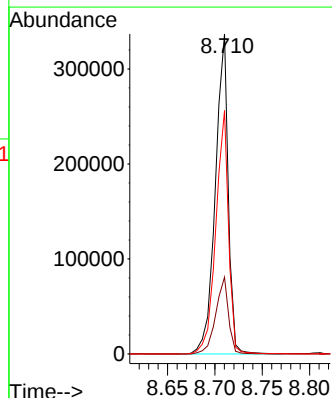
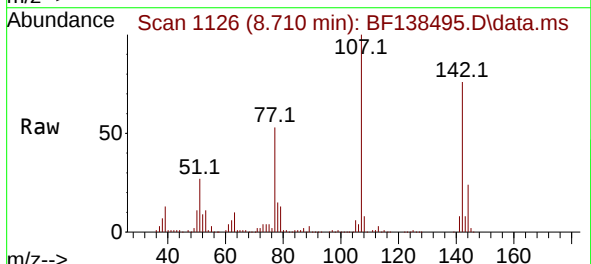
Instrument :
 BNA_F
 ClientSampleId :
 PB161493BS

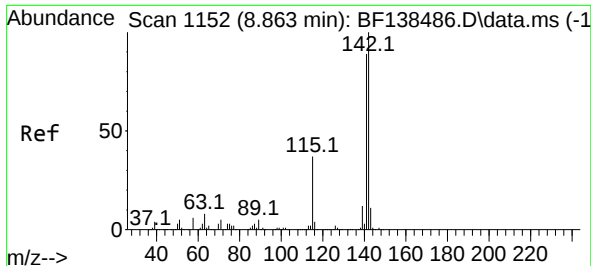
Tgt Ion:113 Resp: 49883
 Ion Ratio Lower Upper
 113 100
 55 220.7 192.5 232.5
 56 168.6 145.3 185.3



#36
 4-Chloro-3-methylphenol
 Concen: 47.109 ng
 RT: 8.710 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: BF138495.D
 Acq: 10 Jul 2024 11:52

Tgt Ion:107 Resp: 320163
 Ion Ratio Lower Upper
 107 100
 144 24.0 18.6 27.8
 142 76.0 58.6 88.0





#37

2-Methylnaphthalene

Concen: 44.881 ng

RT: 8.863 min Scan# 1152

Delta R.T. 0.000 min

Lab File: BF138495.D

Acq: 10 Jul 2024 11:52

Instrument :

BNA_F

ClientSampleId :

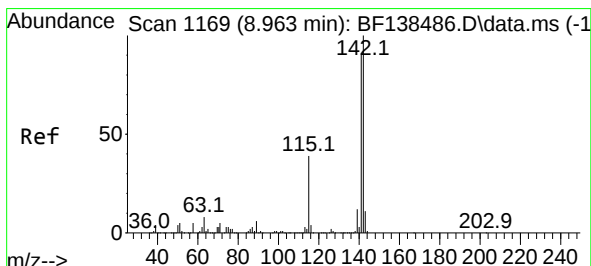
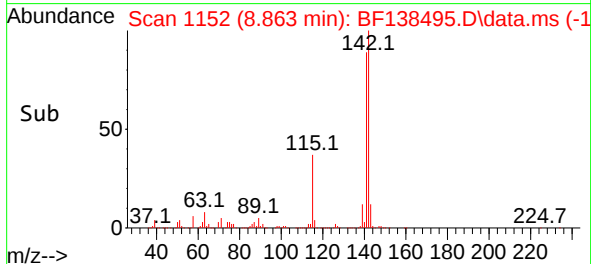
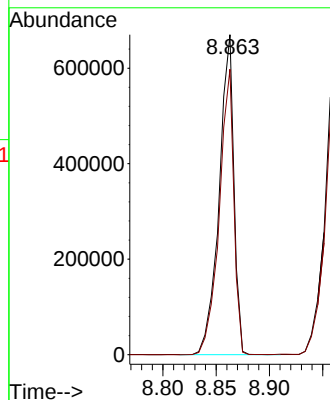
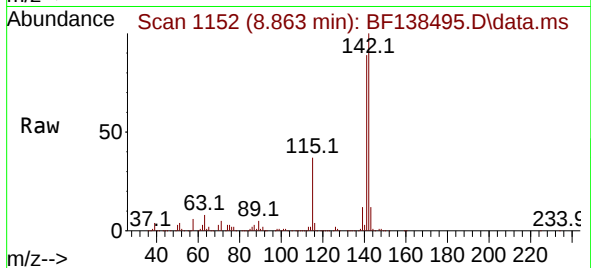
PB161493BS

Tgt Ion:142 Resp: 644038

Ion Ratio Lower Upper

142 100

141 89.2 71.4 107.0



#38

1-Methylnaphthalene

Concen: 43.026 ng

RT: 8.963 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BF138495.D

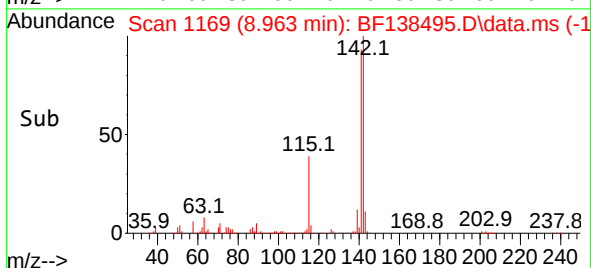
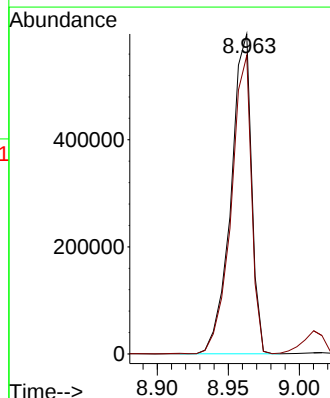
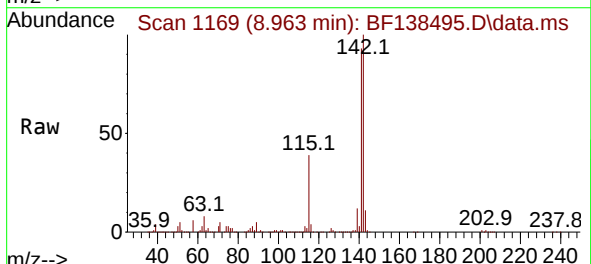
Acq: 10 Jul 2024 11:52

Tgt Ion:142 Resp: 602572

Ion Ratio Lower Upper

142 100

141 93.3 72.6 108.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF138495.D

Acq: 10 Jul 2024 11:52

Instrument :

BNA_F

ClientSampleId :

PB161493BS

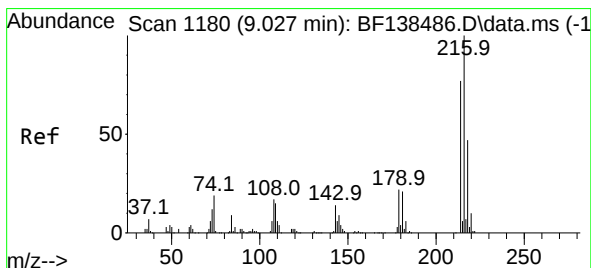
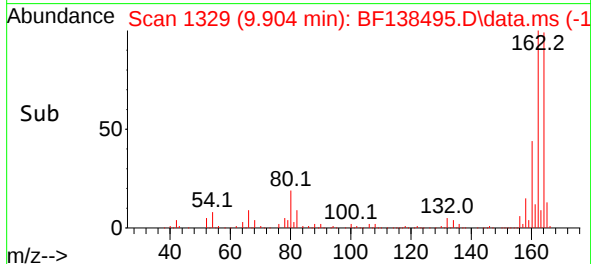
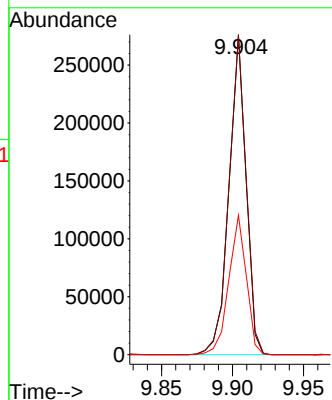
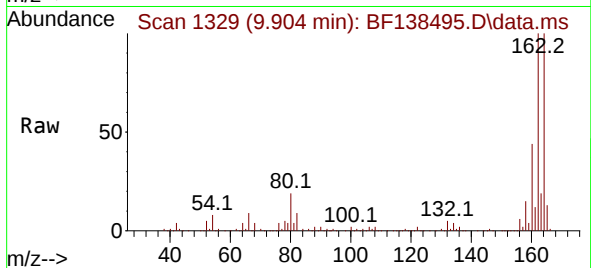
Tgt Ion:164 Resp: 231682

Ion Ratio Lower Upper

164 100

162 99.8 79.0 118.6

160 43.6 34.4 51.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.152 ng

RT: 9.028 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BF138495.D

Acq: 10 Jul 2024 11:52

Tgt Ion:216 Resp: 298010

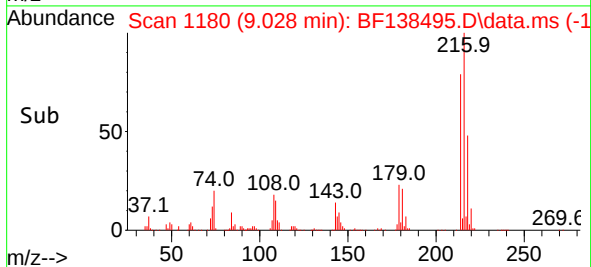
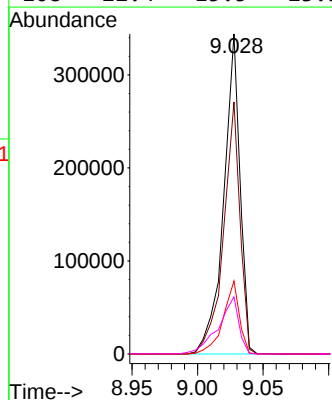
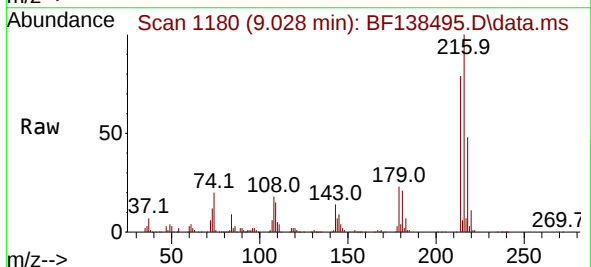
Ion Ratio Lower Upper

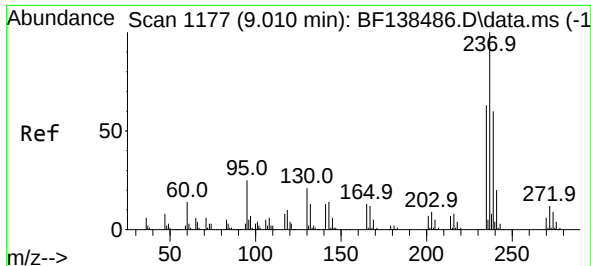
216 100

214 79.0 62.8 94.2

179 22.6 17.7 26.5

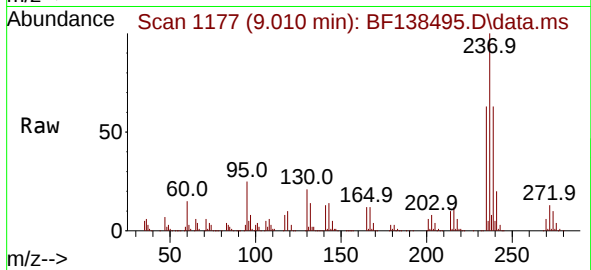
108 22.4 15.5 23.3



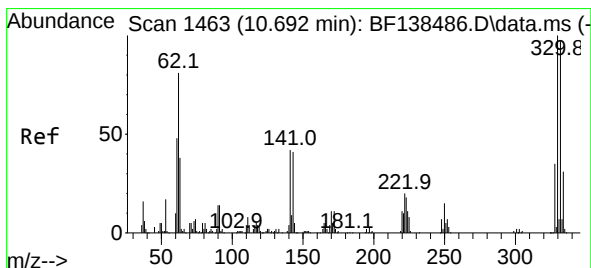
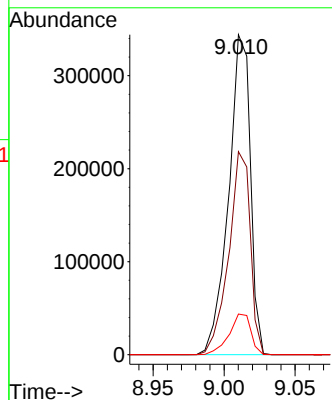
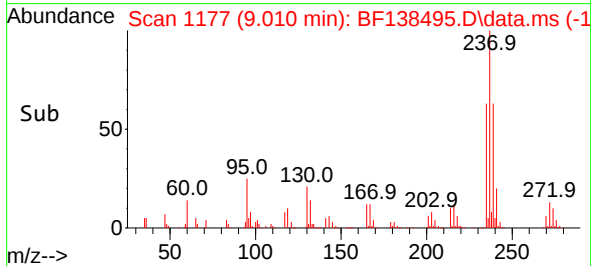


#41
Hexachlorocyclopentadiene
Concen: 174.860 ng
RT: 9.010 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

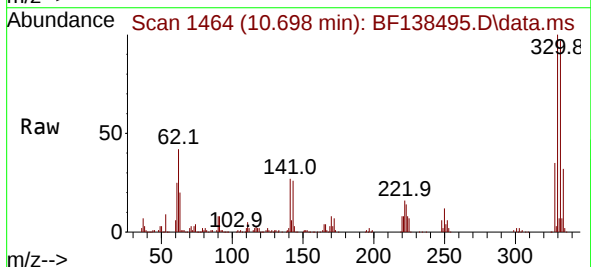
Instrument :
BNA_F
ClientSampleId :
PB161493BS



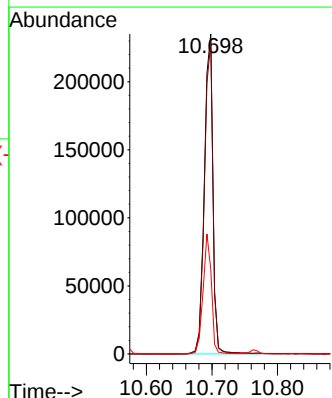
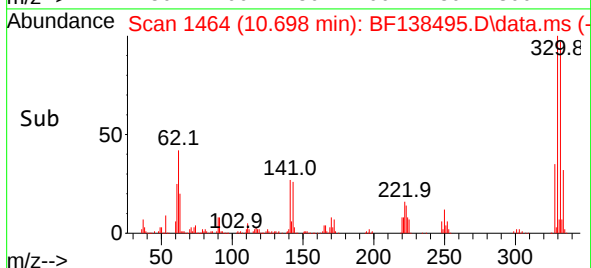
Tgt Ion:237 Resp: 366482
Ion Ratio Lower Upper
237 100
235 63.4 43.3 83.3
272 12.7 0.0 32.3

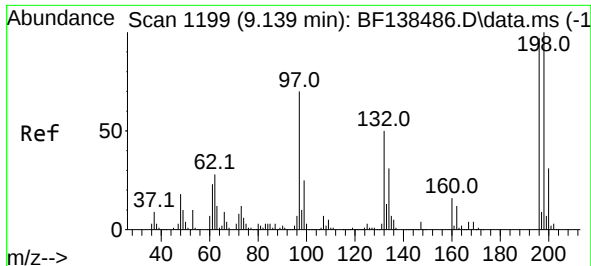


#42
2,4,6-Tribromophenol
Concen: 99.113 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52



Tgt Ion:330 Resp: 214610
Ion Ratio Lower Upper
330 100
332 96.5 76.8 115.2
141 36.3 29.4 44.2

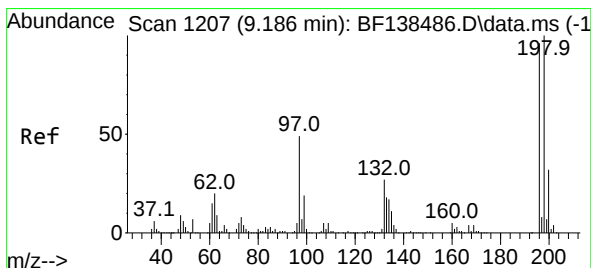
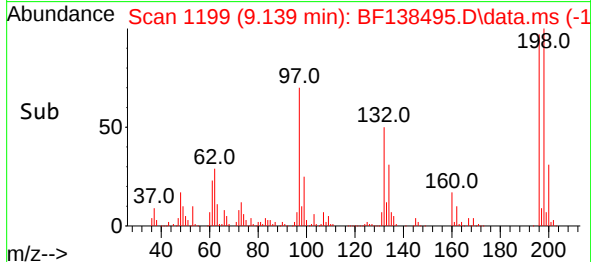
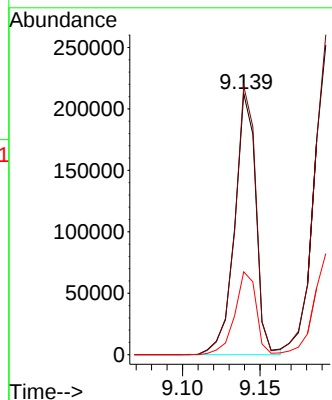
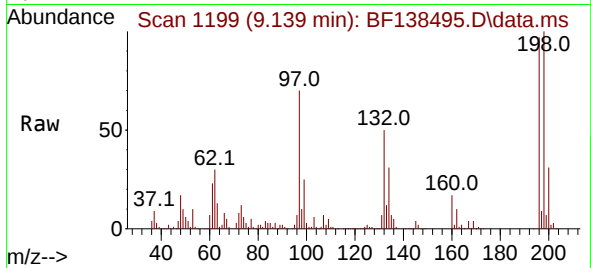




#43
2,4,6-Trichlorophenol
Concen: 49.053 ng
RT: 9.139 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

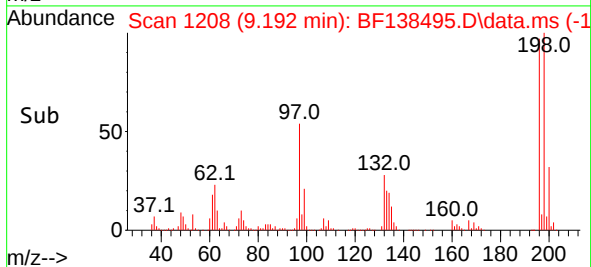
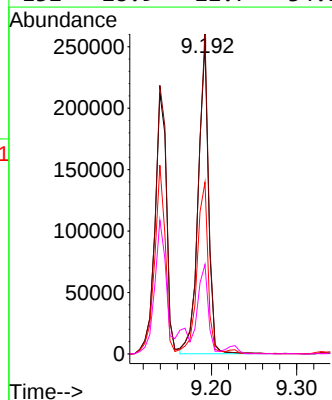
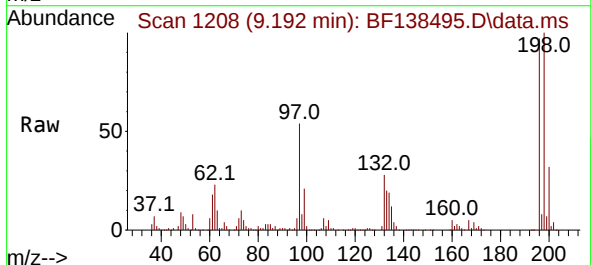
Instrument :
BNA_F
ClientSampleId :
PB161493BS

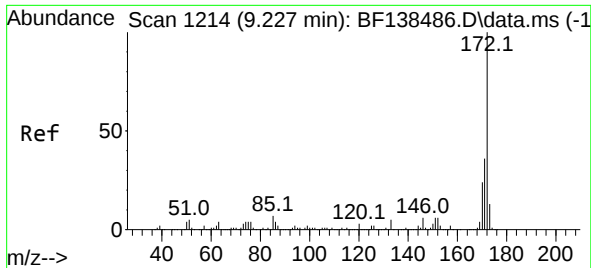
Tgt Ion:196 Resp: 202045
Ion Ratio Lower Upper
196 100
198 102.8 82.3 123.5
200 31.8 25.8 38.6



#44
2,4,5-Trichlorophenol
Concen: 47.280 ng
RT: 9.192 min Scan# 1208
Delta R.T. 0.006 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

Tgt Ion:196 Resp: 214191
Ion Ratio Lower Upper
196 100
198 103.3 82.8 124.2
97 55.4 41.0 61.4
132 28.9 22.7 34.1





#45

2-Fluorobiphenyl

Concen: 90.632 ng

RT: 9.228 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BF138495.D

Acq: 10 Jul 2024 11:52

Instrument :

BNA_F

ClientSampleId :

PB161493BS

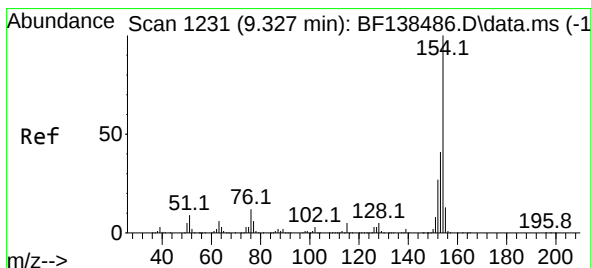
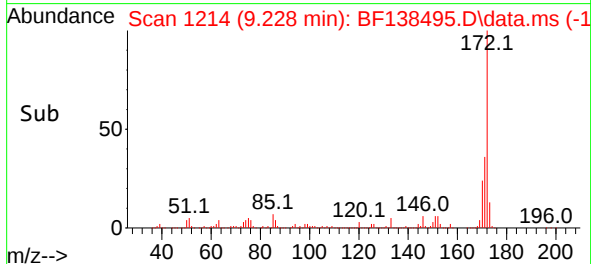
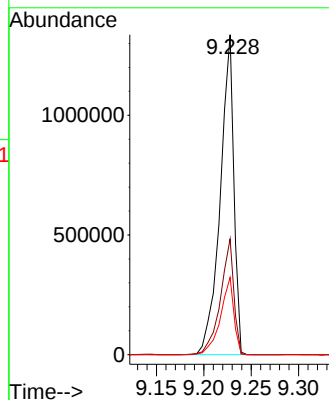
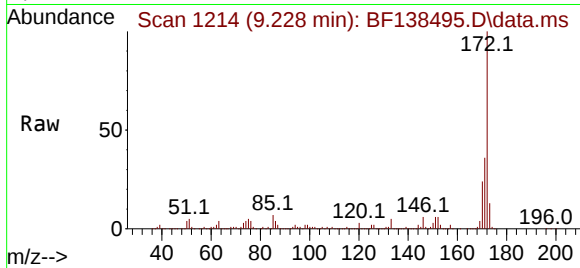
Tgt Ion:172 Resp: 1343511

Ion Ratio Lower Upper

172 100

171 36.2 28.9 43.3

170 24.2 18.9 28.3



#46

1,1'-Biphenyl

Concen: 46.063 ng

RT: 9.328 min Scan# 1231

Delta R.T. 0.000 min

Lab File: BF138495.D

Acq: 10 Jul 2024 11:52

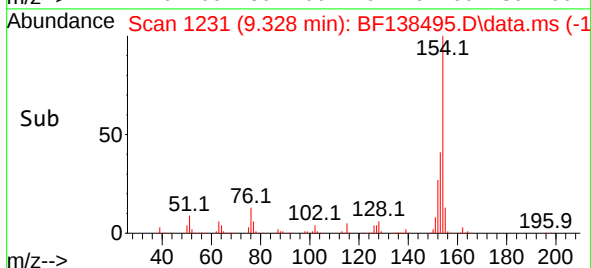
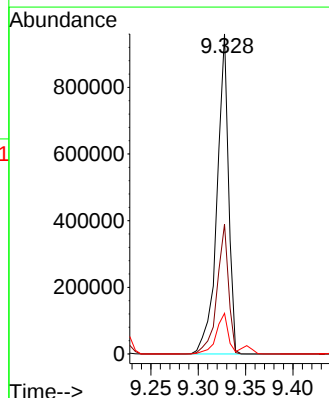
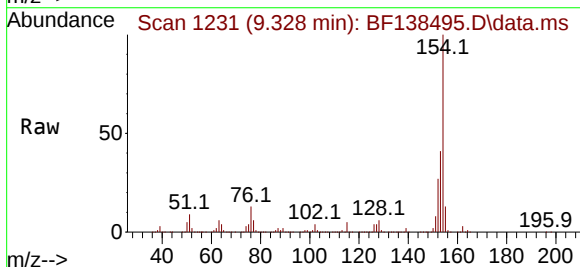
Tgt Ion:154 Resp: 808769

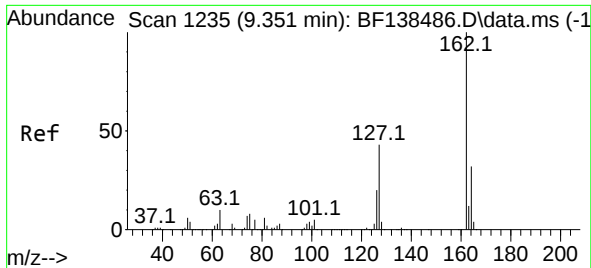
Ion Ratio Lower Upper

154 100

153 40.6 20.7 60.7

76 12.7 0.0 32.2

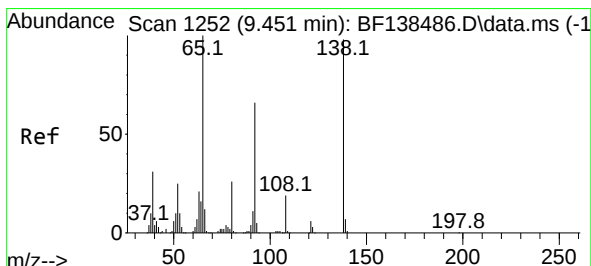
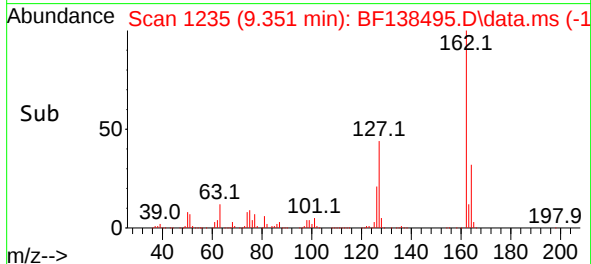
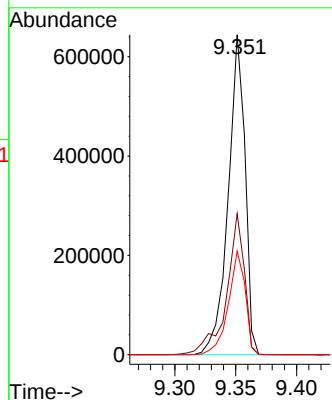
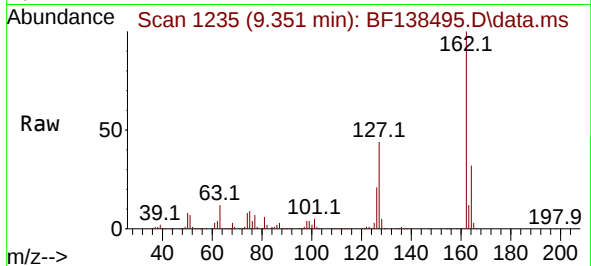




#47
2-Chloronaphthalene
Concen: 46.941 ng
RT: 9.351 min Scan# 1235
Delta R.T. 0.000 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

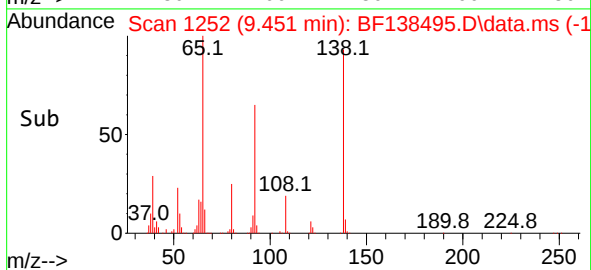
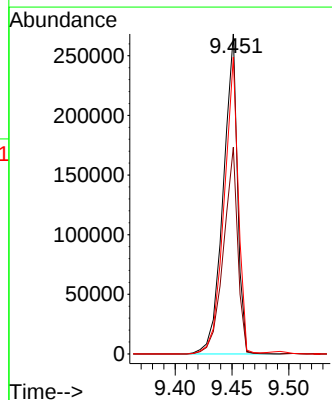
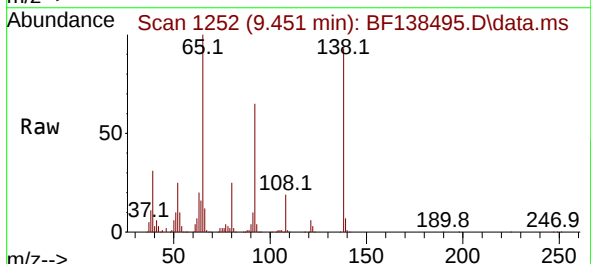
Instrument :
BNA_F
ClientSampleId :
PB161493BS

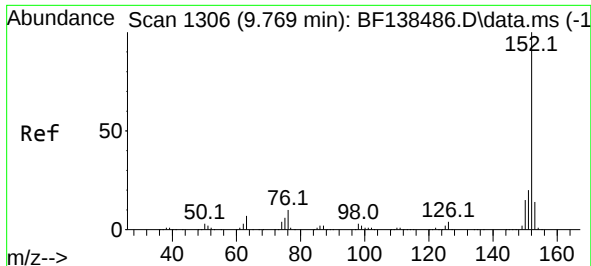
Tgt Ion:162 Resp: 622640
Ion Ratio Lower Upper
162 100
127 44.1 34.8 52.2
164 32.3 25.6 38.4



#48
2-Nitroaniline
Concen: 51.082 ng
RT: 9.451 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

Tgt Ion: 65 Resp: 234798
Ion Ratio Lower Upper
65 100
92 64.6 52.6 78.8
138 92.8 78.6 118.0

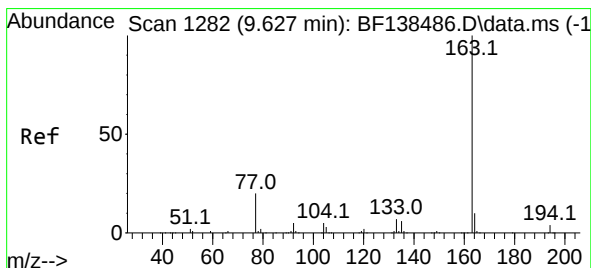
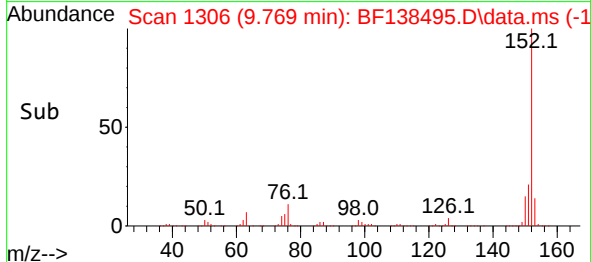
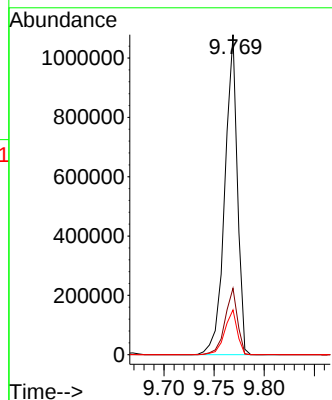
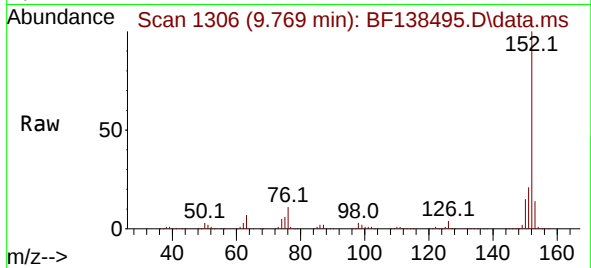




#49
Acenaphthylene
Concen: 49.847 ng
RT: 9.769 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

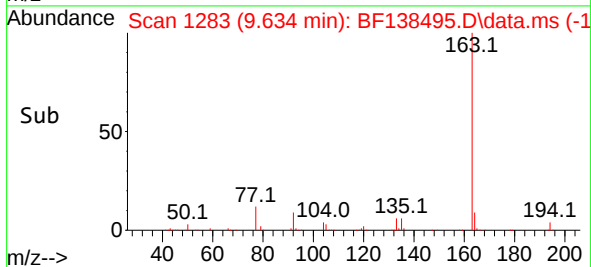
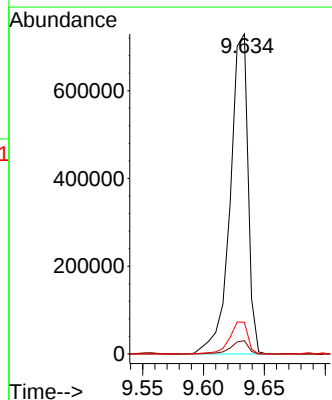
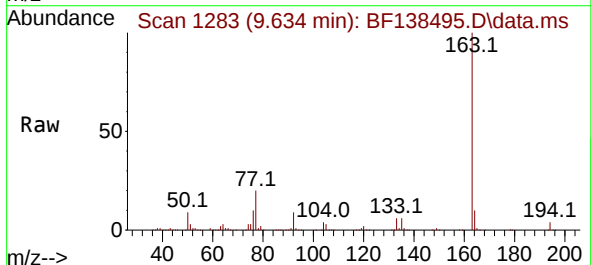
Instrument :
BNA_F
ClientSampleId :
PB161493BS

Tgt Ion:152 Resp: 938716
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 14.0 11.3 16.9



#50
Dimethylphthalate
Concen: 49.750 ng
RT: 9.634 min Scan# 1283
Delta R.T. 0.006 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

Tgt Ion:163 Resp: 745312
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.6
164 9.9 8.1 12.1

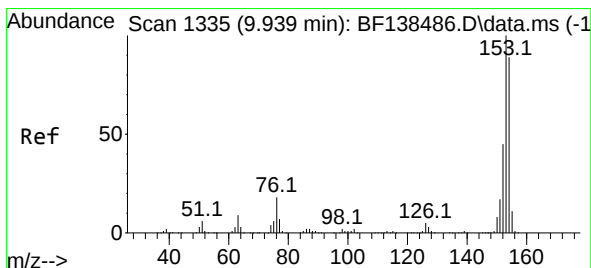
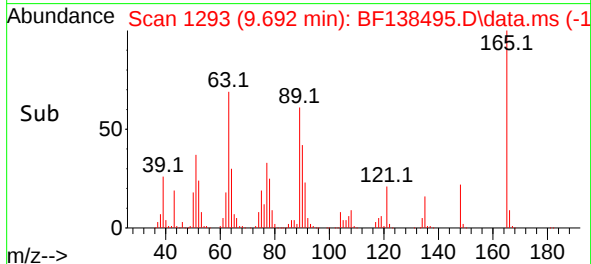
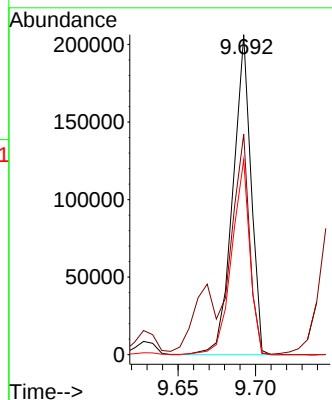
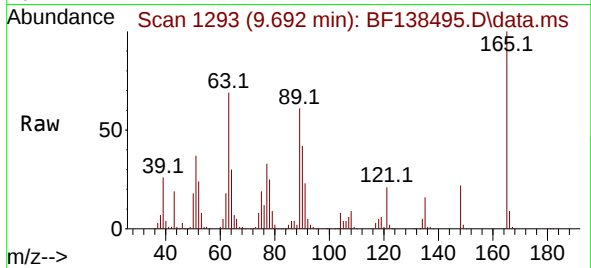




#51
2,6-Dinitrotoluene
Concen: 48.673 ng
RT: 9.692 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

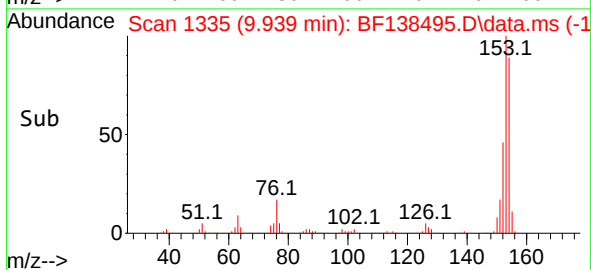
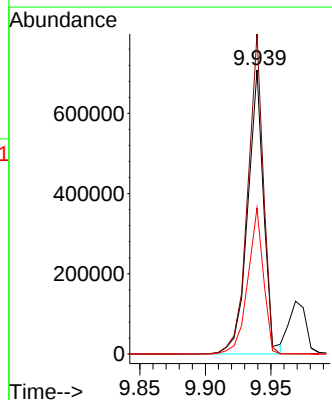
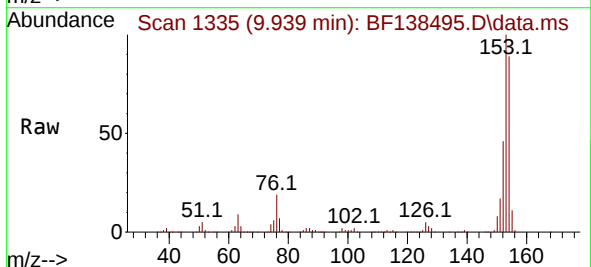
Instrument :
BNA_F
ClientSampleId :
PB161493BS

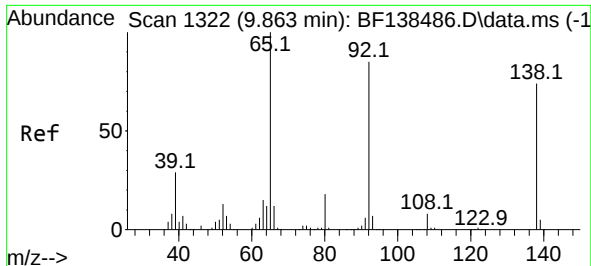
Tgt Ion:165 Resp: 167888
Ion Ratio Lower Upper
165 100
63 68.9 48.1 72.1
89 60.9 43.0 64.6



#52
Acenaphthene
Concen: 47.988 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

Tgt Ion:154 Resp: 600722
Ion Ratio Lower Upper
154 100
153 112.7 90.4 135.6
152 51.5 41.1 61.7

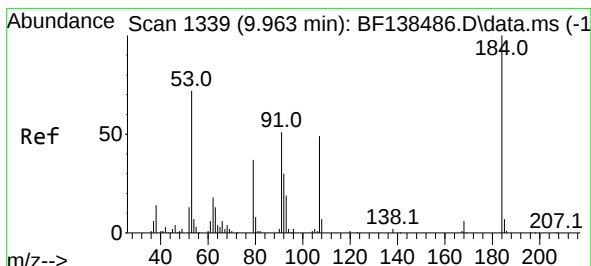
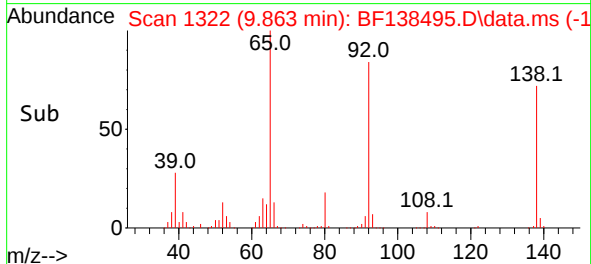
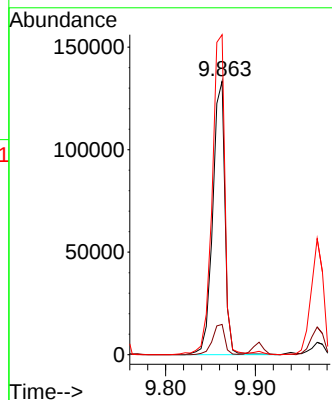
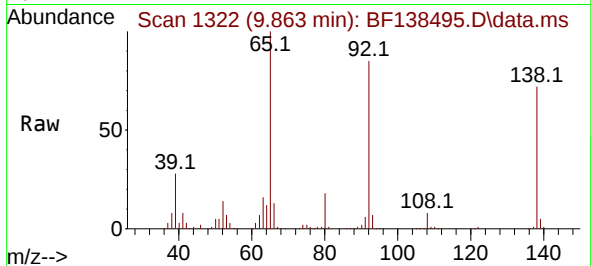




#53
3-Nitroaniline
Concen: 35.711 ng
RT: 9.863 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

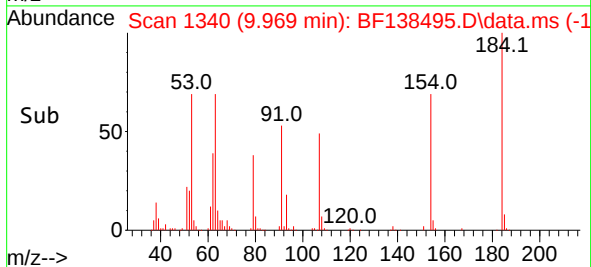
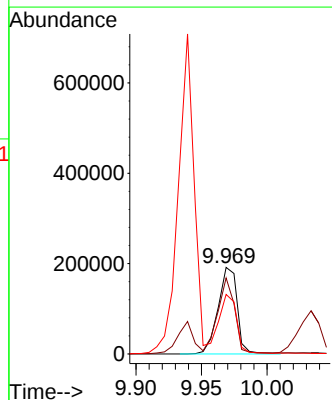
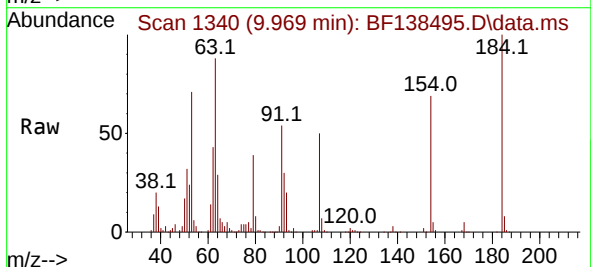
Instrument :
BNA_F
ClientSampleId :
PB161493BS

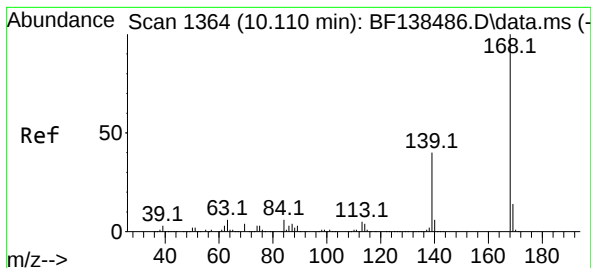
Tgt Ion:138 Resp: 126250
Ion Ratio Lower Upper
138 100
108 11.1 8.3 12.5
92 117.0 92.6 138.8



#54
2,4-Dinitrophenol
Concen: 103.914 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

Tgt Ion:184 Resp: 195110
Ion Ratio Lower Upper
184 100
63 87.8 70.6 106.0
154 68.8 53.8 80.6





#55

Dibenzofuran

Concen: 48.418 ng

RT: 10.110 min Scan# 1364

Delta R.T. 0.000 min

Lab File: BF138495.D

Acq: 10 Jul 2024 11:52

Instrument :

BNA_F

ClientSampleId :

PB161493BS

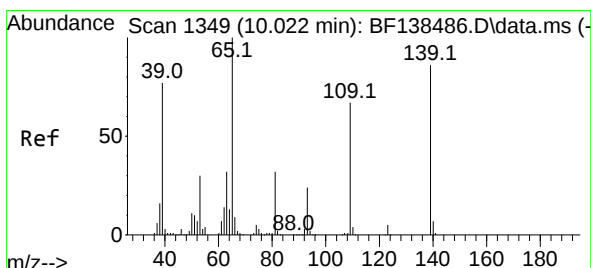
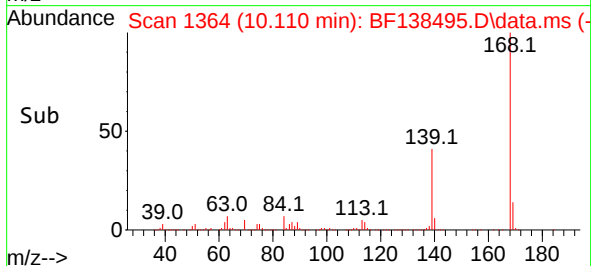
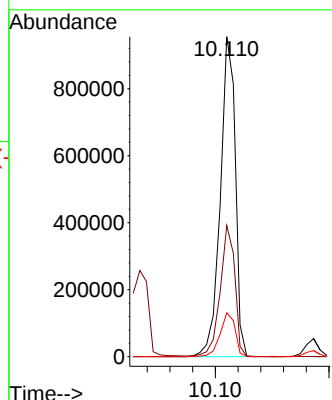
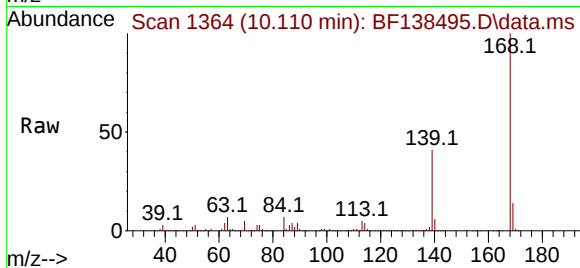
Tgt Ion:168 Resp: 879134

Ion Ratio Lower Upper

168 100

139 41.0 32.4 48.6

169 13.7 10.9 16.3



#56

4-Nitrophenol

Concen: 114.024 ng

RT: 10.034 min Scan# 1351

Delta R.T. 0.012 min

Lab File: BF138495.D

Acq: 10 Jul 2024 11:52

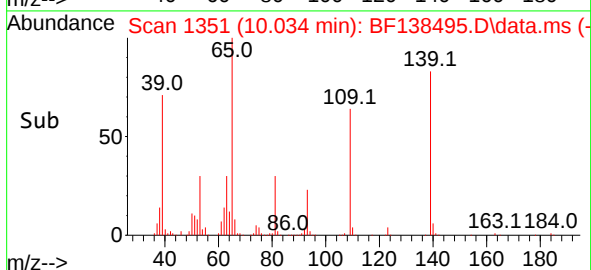
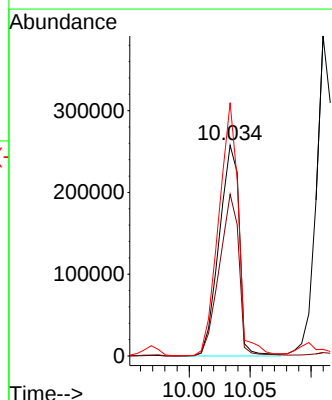
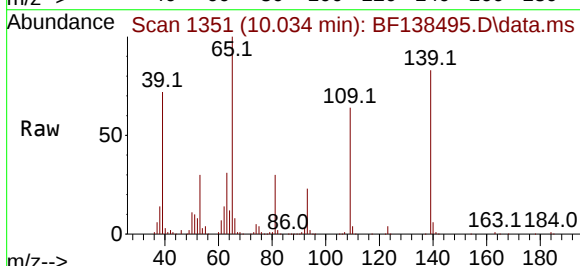
Tgt Ion:139 Resp: 297439

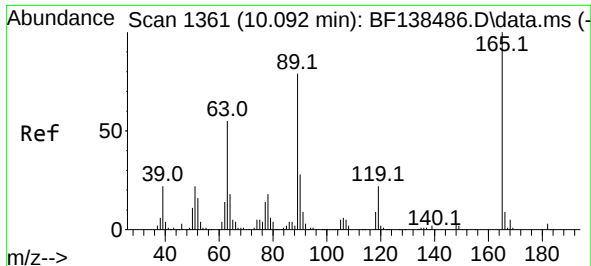
Ion Ratio Lower Upper

139 100

109 76.8 58.1 98.1

65 120.2 96.9 136.9



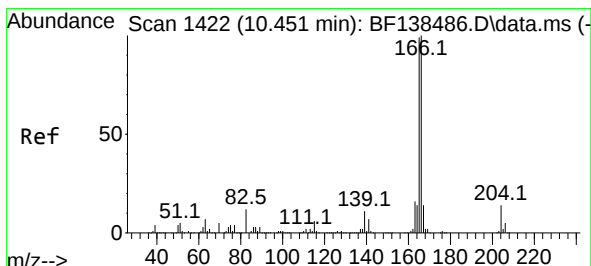
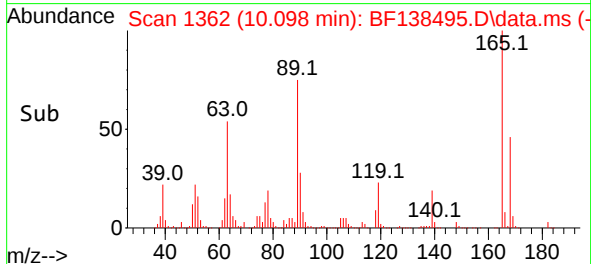
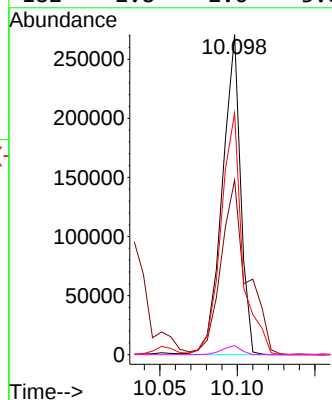
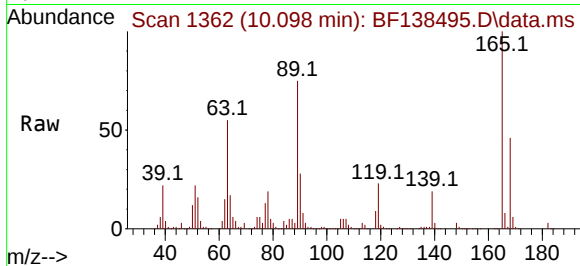


#57
2,4-Dinitrotoluene
Concen: 49.740 ng
RT: 10.098 min Scan# 1361
Delta R.T. 0.006 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

Instrument :
BNA_F
ClientSampleId :
PB161493BS

Tgt Ion:165 Resp: 221990

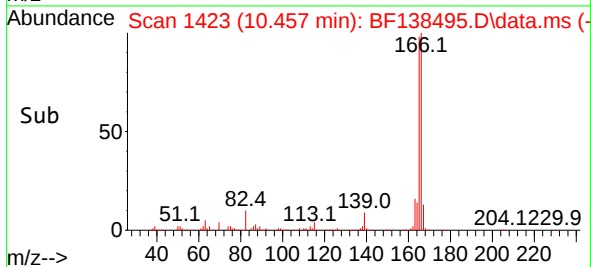
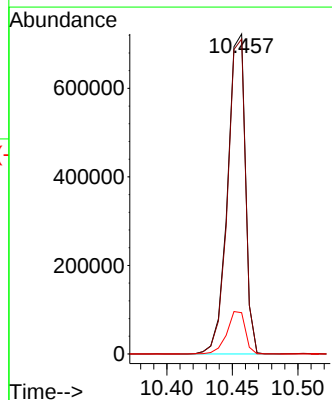
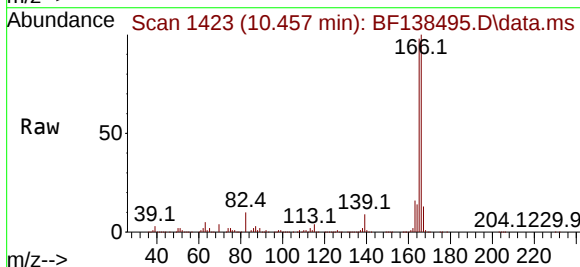
Ion	Ratio	Lower	Upper
165	100		
63	54.6	44.6	66.8
89	75.5	63.4	95.2
182	2.8	2.6	3.8

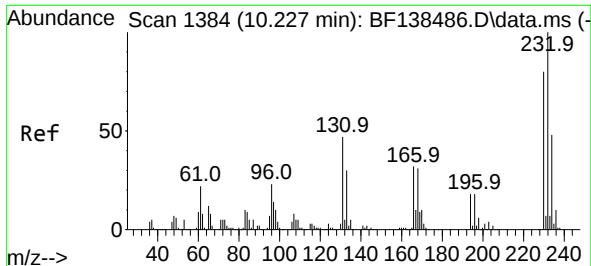


#58
Fluorene
Concen: 47.498 ng
RT: 10.457 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

Tgt Ion:166 Resp: 682389

Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.1	118.7
167	12.9	11.0	16.6



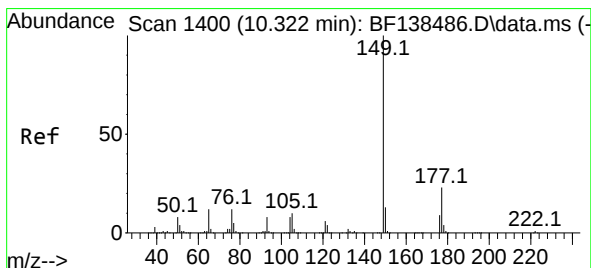
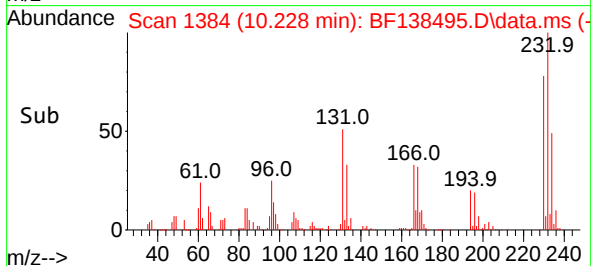
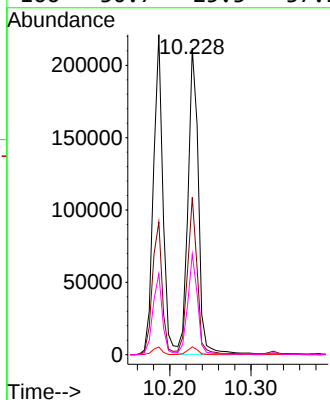
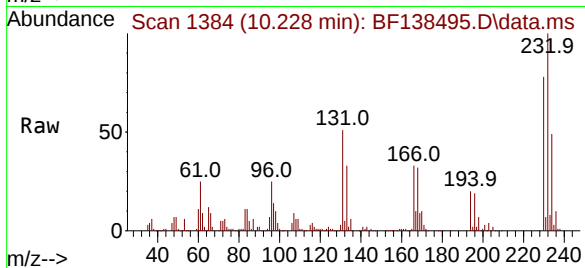


#59
2,3,4,6-Tetrachlorophenol
Concen: 52.318 ng
RT: 10.228 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

Instrument :
BNA_F
ClientSampleId :
PB161493BS

Tgt Ion:232 Resp: 187054

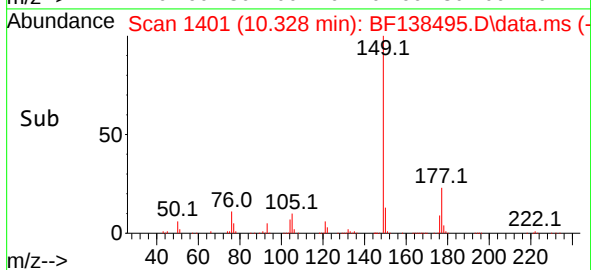
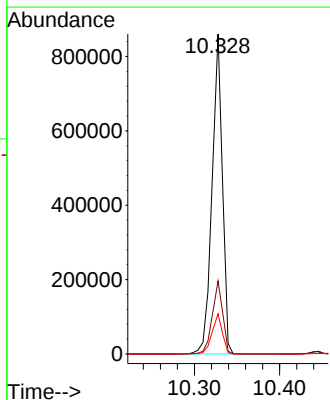
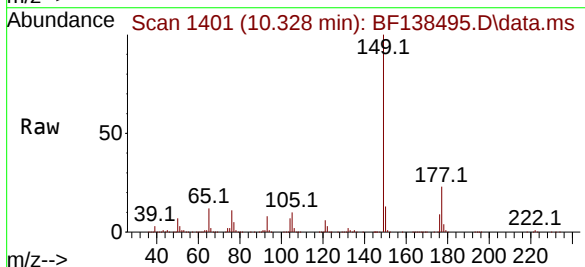
Ion	Ratio	Lower	Upper
232	100		
131	48.4	37.5	56.3
130	2.6	2.0	3.0
166	30.7	25.3	37.9

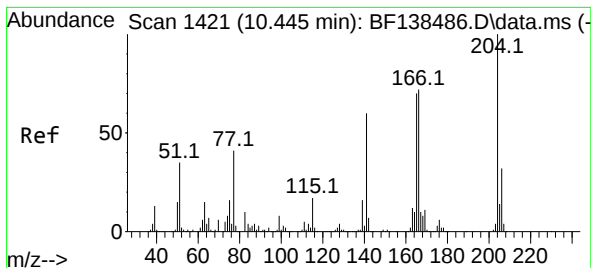


#60
Diethylphthalate
Concen: 50.234 ng
RT: 10.328 min Scan# 1401
Delta R.T. 0.006 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

Tgt Ion:149 Resp: 725488

Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.5	27.7
150	12.6	10.3	15.5

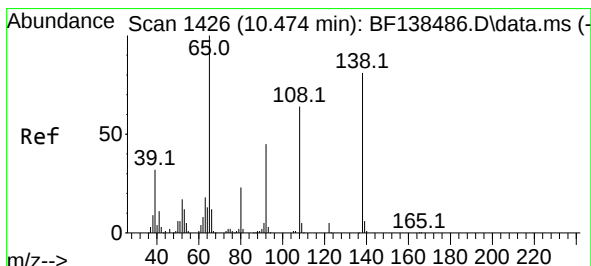
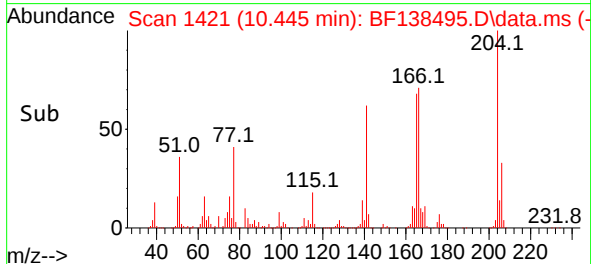
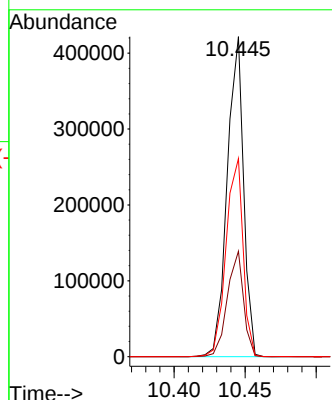
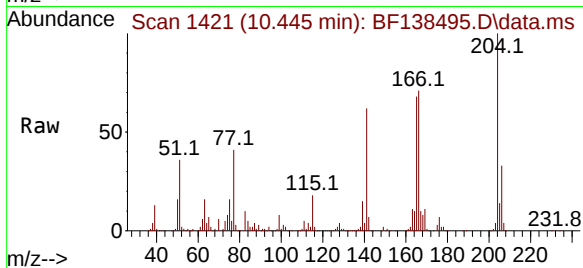




#61
4-Chlorophenyl-phenylether
Concen: 46.700 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

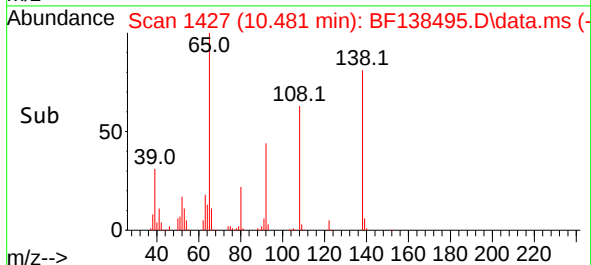
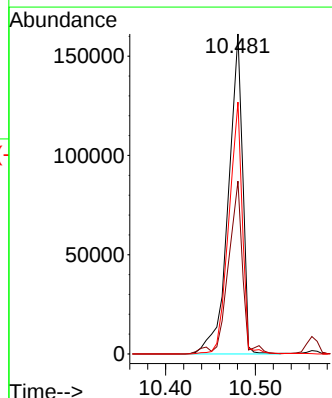
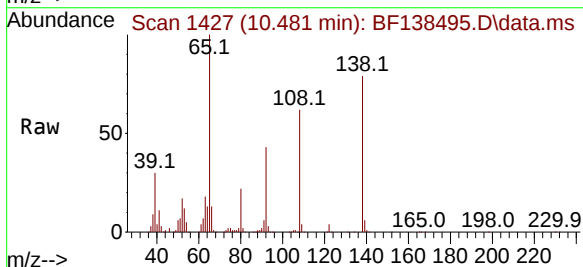
Instrument :
BNA_F
ClientSampleId :
PB161493BS

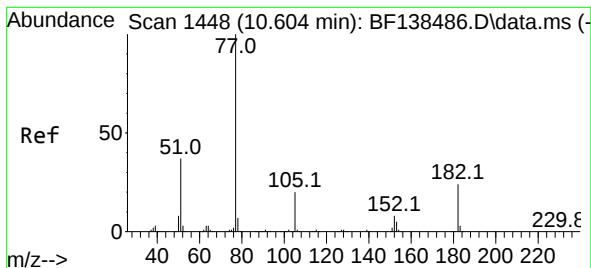
Tgt Ion:204 Resp: 336904
Ion Ratio Lower Upper
204 100
206 33.0 25.6 38.4
141 61.9 47.7 71.5



#62
4-Nitroaniline
Concen: 50.418 ng
RT: 10.481 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

Tgt Ion:138 Resp: 178613
Ion Ratio Lower Upper
138 100
92 54.0 35.8 75.8
108 78.7 59.8 99.8





#63

Azobenzene

Concen: 48.777 ng

RT: 10.604 min Scan# 1448

Delta R.T. 0.000 min

Lab File: BF138495.D

Acq: 10 Jul 2024 11:52

Instrument :

BNA_F

ClientSampleId :

PB161493BS

Tgt Ion: 77 Resp: 757376

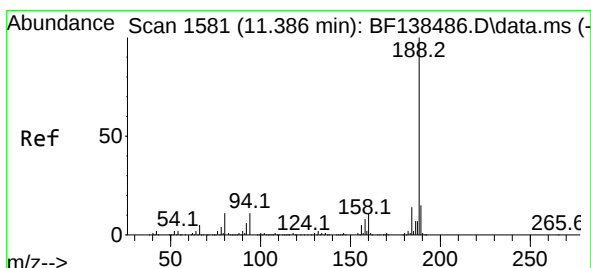
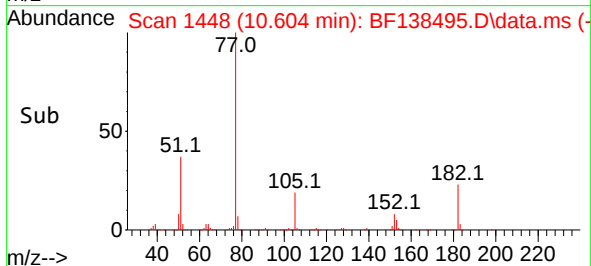
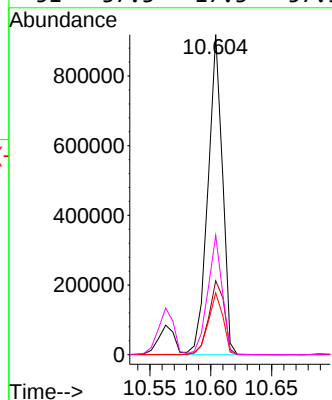
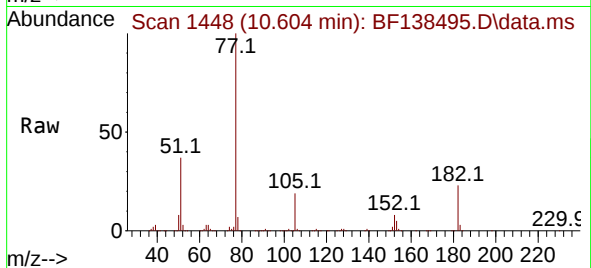
Ion Ratio Lower Upper

77 100

182 23.1 3.8 43.8

105 19.3 0.0 39.8

51 37.3 17.3 57.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1581

Delta R.T. 0.000 min

Lab File: BF138495.D

Acq: 10 Jul 2024 11:52

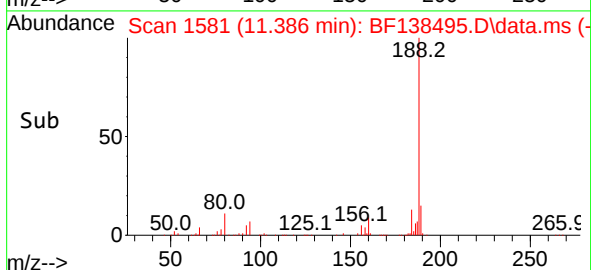
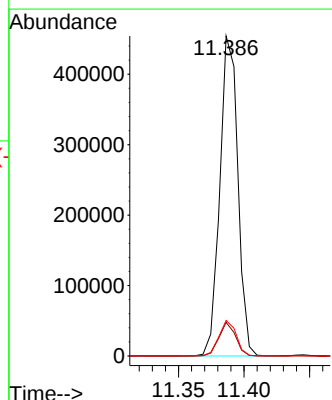
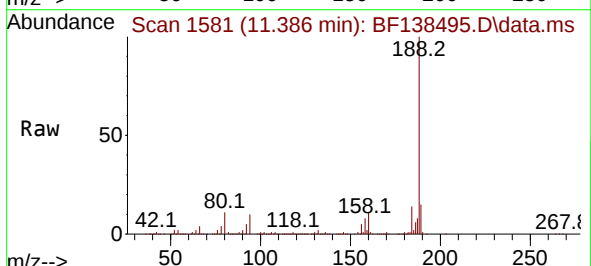
Tgt Ion: 188 Resp: 433358

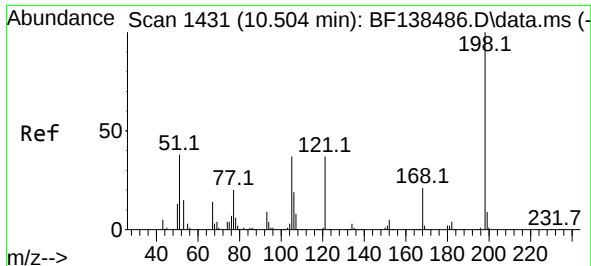
Ion Ratio Lower Upper

188 100

94 10.5 8.7 13.1

80 11.1 9.0 13.4

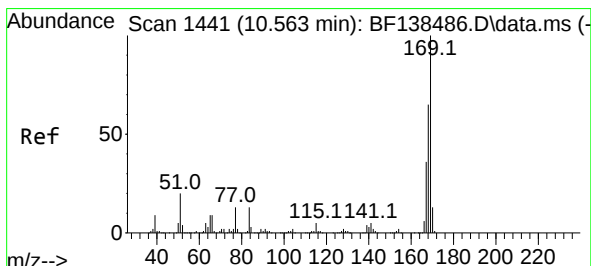
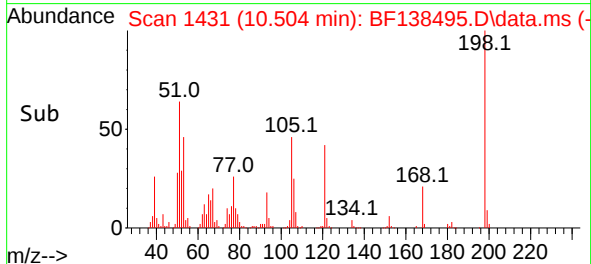
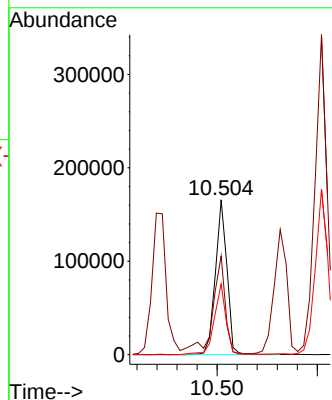
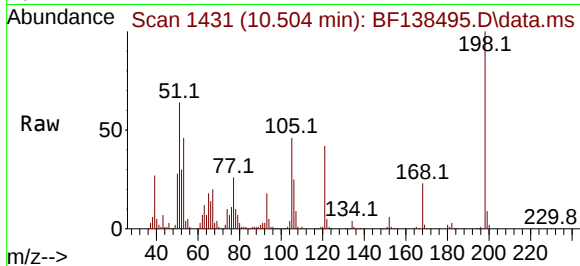




#65
4,6-Dinitro-2-methylphenol
Concen: 53.296 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.000 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

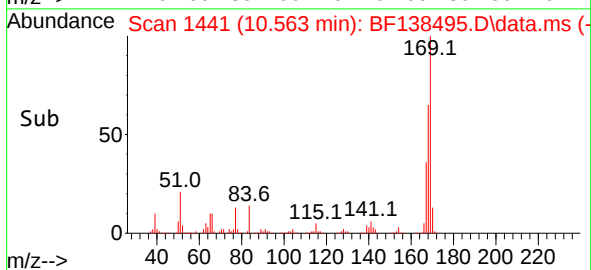
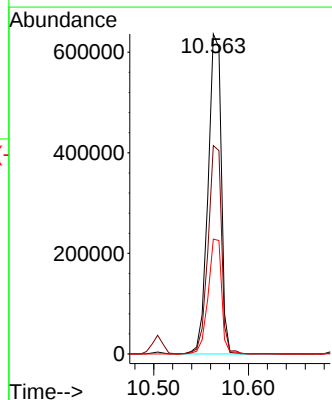
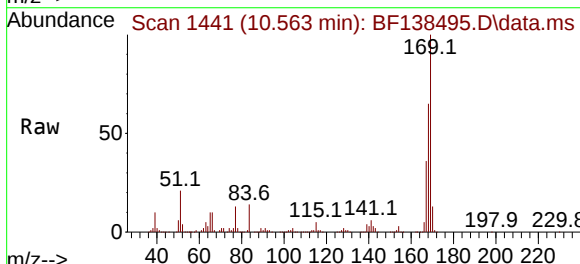
Instrument :
BNA_F
ClientSampleId :
PB161493BS

Tgt Ion:198 Resp: 133361
Ion Ratio Lower Upper
198 100
51 63.7 27.2 67.2
105 45.6 18.5 58.5



#66
n-Nitrosodiphenylamine
Concen: 47.274 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

Tgt Ion:169 Resp: 613798
Ion Ratio Lower Upper
169 100
168 65.1 51.7 77.5
167 35.9 28.5 42.7

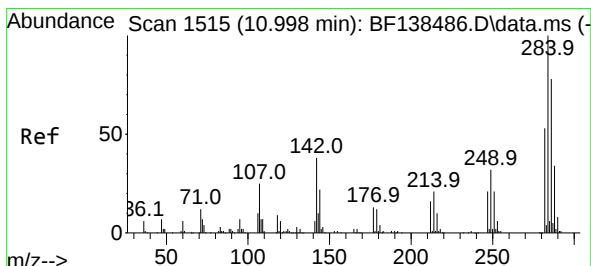
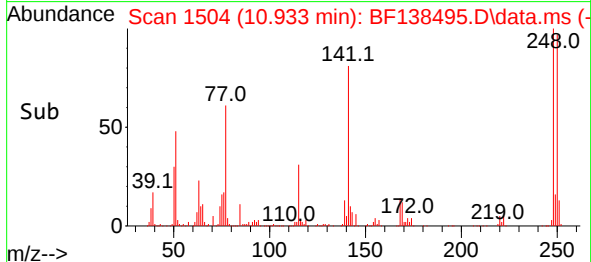
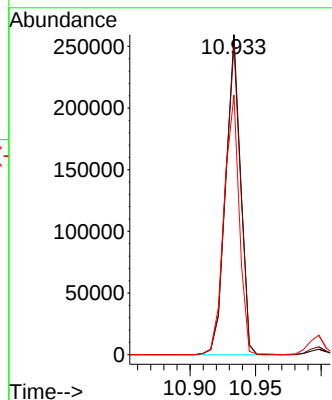
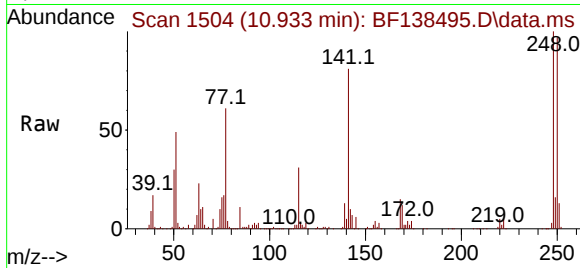




#67
4-Bromophenyl-phenylether
Concen: 45.786 ng
RT: 10.933 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

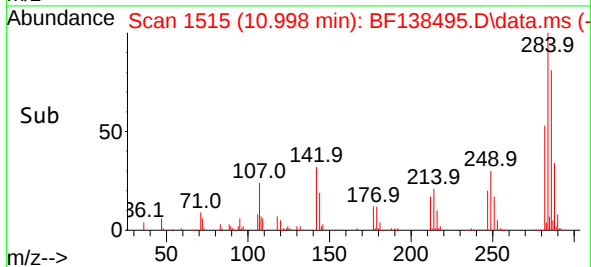
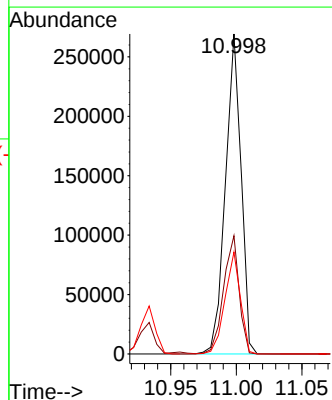
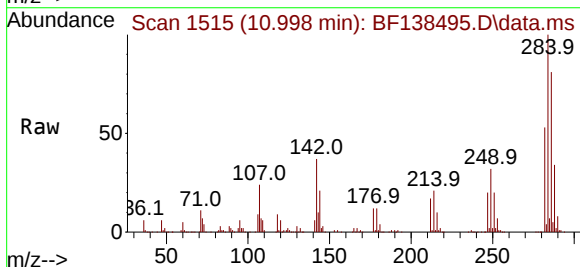
Instrument :
BNA_F
ClientSampleId :
PB161493BS

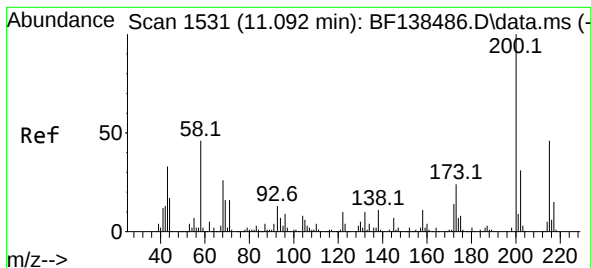
Tgt Ion:248 Resp: 203936
Ion Ratio Lower Upper
248 100
250 96.5 77.9 116.9
141 81.1 67.7 101.5



#68
Hexachlorobenzene
Concen: 44.976 ng
RT: 10.998 min Scan# 1515
Delta R.T. 0.000 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

Tgt Ion:284 Resp: 222547
Ion Ratio Lower Upper
284 100
142 36.9 30.5 45.7
249 31.9 25.9 38.9





#69

Atrazine

Concen: 50.003 ng

RT: 11.092 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138495.D

Acq: 10 Jul 2024 11:52

Instrument :

BNA_F

ClientSampleId :

PB161493BS

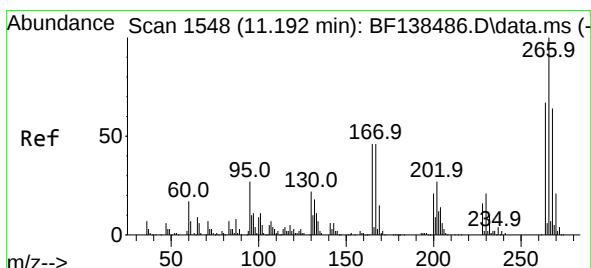
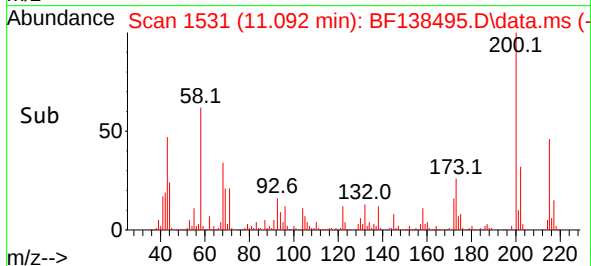
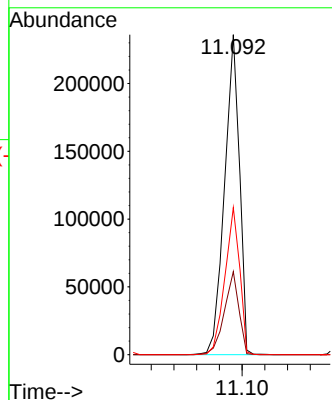
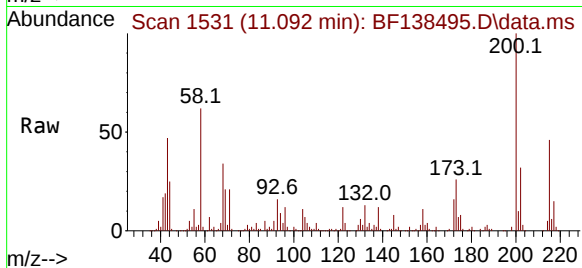
Tgt Ion:200 Resp: 215248

Ion Ratio Lower Upper

200 100

173 26.0 4.1 44.1

215 46.0 26.5 66.5



#70

Pentachlorophenol

Concen: 90.181 ng

RT: 11.198 min Scan# 1549

Delta R.T. 0.006 min

Lab File: BF138495.D

Acq: 10 Jul 2024 11:52

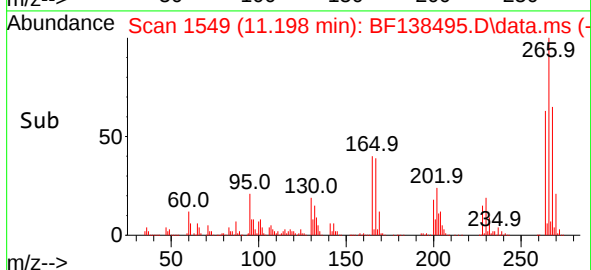
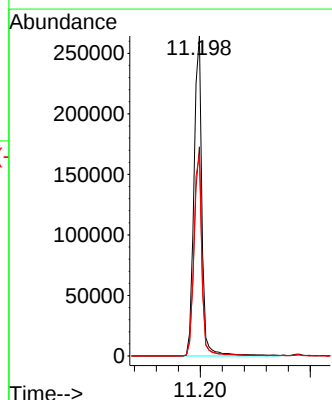
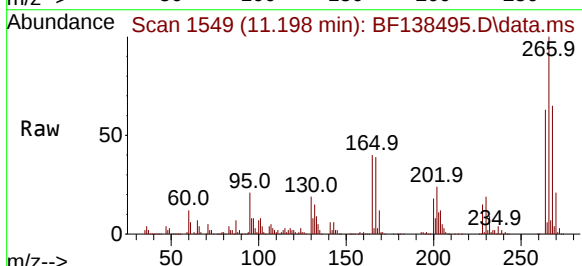
Tgt Ion:266 Resp: 264048

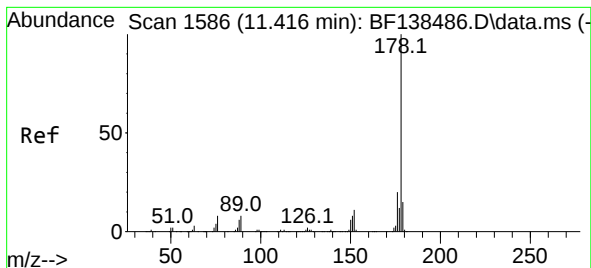
Ion Ratio Lower Upper

266 100

268 65.3 50.9 76.3

264 62.8 53.5 80.3





#71

Phenanthrene

Concen: 47.388 ng

RT: 11.416 min Scan# 1586

Delta R.T. 0.000 min

Lab File: BF138495.D

Acq: 10 Jul 2024 11:52

Instrument :

BNA_F

ClientSampleId :

PB161493BS

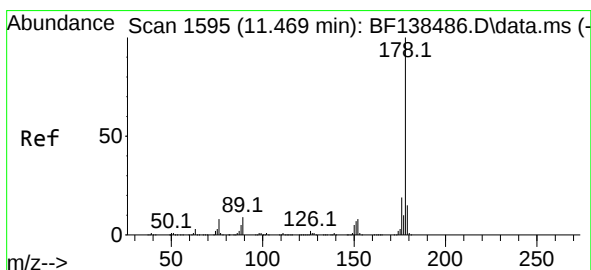
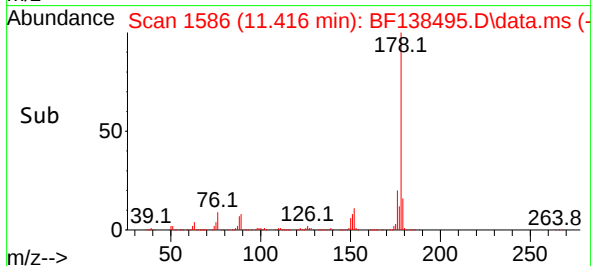
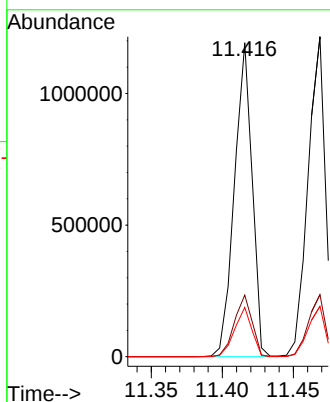
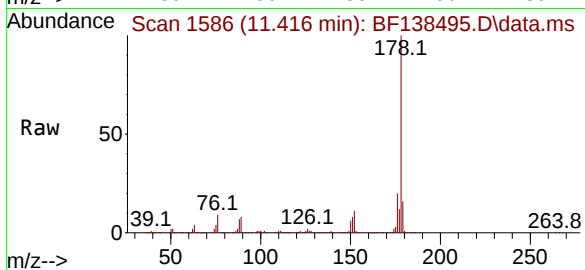
Tgt Ion:178 Resp: 1037502

Ion Ratio Lower Upper

178 100

176 19.6 15.7 23.5

179 15.7 12.2 18.2



#72

Anthracene

Concen: 47.762 ng

RT: 11.469 min Scan# 1595

Delta R.T. 0.000 min

Lab File: BF138495.D

Acq: 10 Jul 2024 11:52

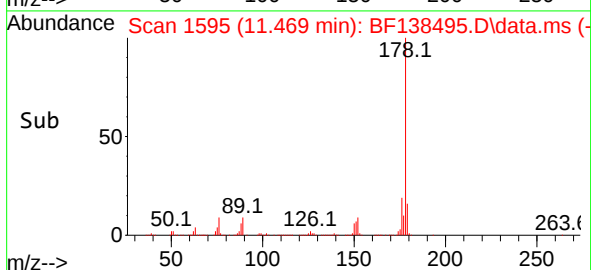
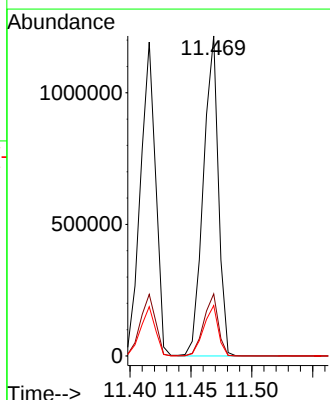
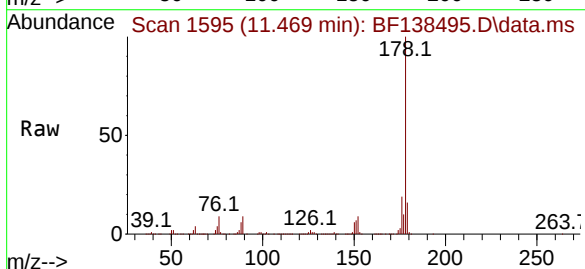
Tgt Ion:178 Resp: 1038000

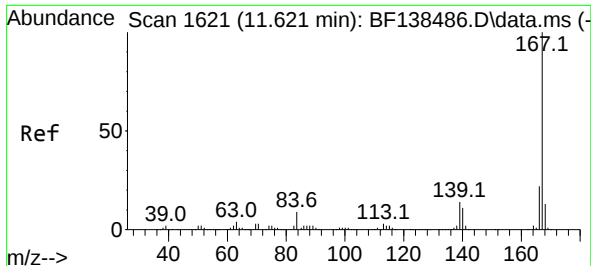
Ion Ratio Lower Upper

178 100

176 19.4 14.8 22.2

179 15.8 12.2 18.4

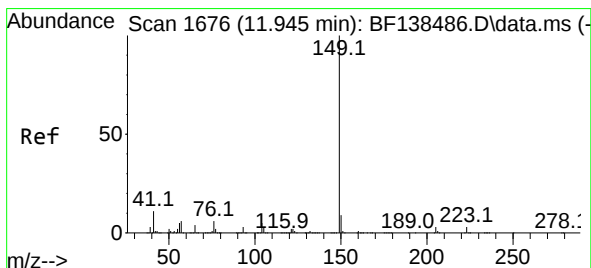
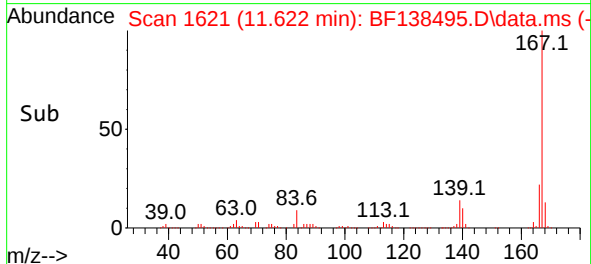
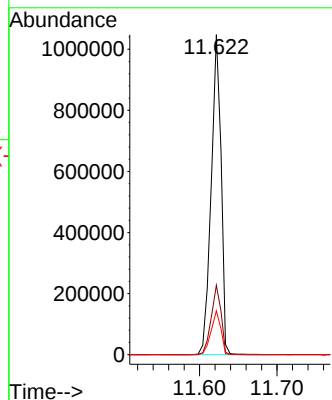
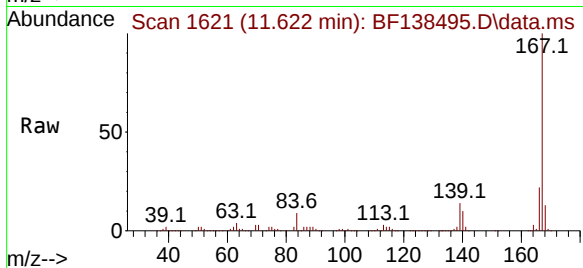




#73
 Carbazole
 Concen: 47.446 ng
 RT: 11.622 min Scan# 1621
 Delta R.T. 0.000 min
 Lab File: BF138495.D
 Acq: 10 Jul 2024 11:52

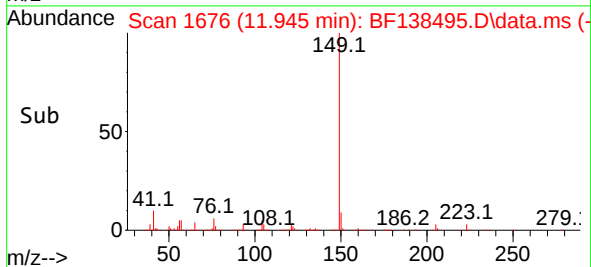
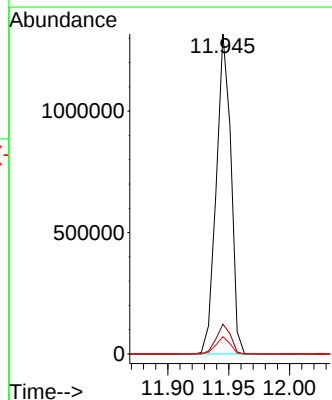
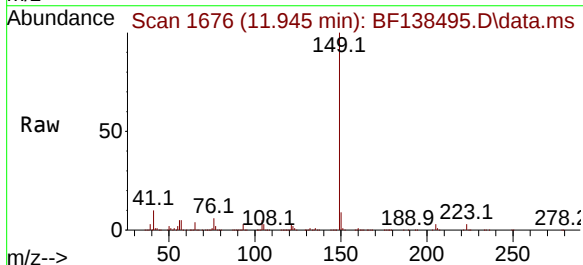
Instrument :
 BNA_F
 ClientSampleId :
 PB161493BS

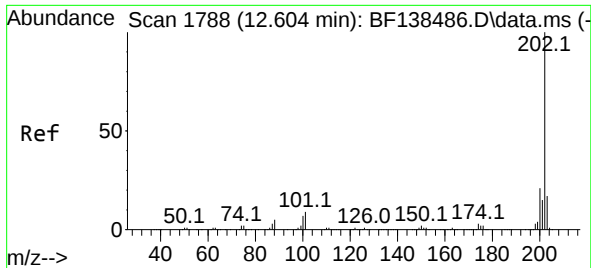
Tgt Ion:167 Resp: 926653
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.8 26.6
 139 13.7 11.0 16.4



#74
 Di-n-butylphthalate
 Concen: 48.978 ng
 RT: 11.945 min Scan# 1676
 Delta R.T. 0.000 min
 Lab File: BF138495.D
 Acq: 10 Jul 2024 11:52

Tgt Ion:149 Resp: 1102624
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 5.4 4.4 6.6

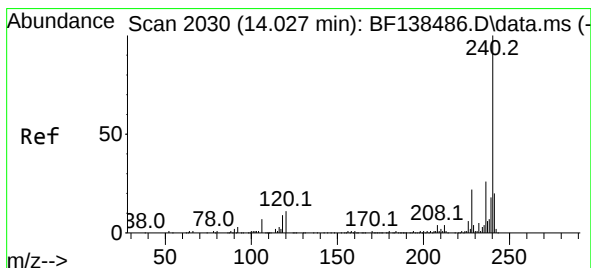
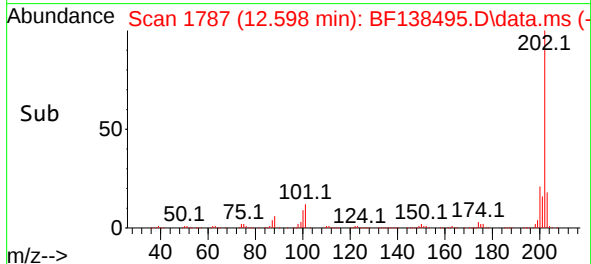
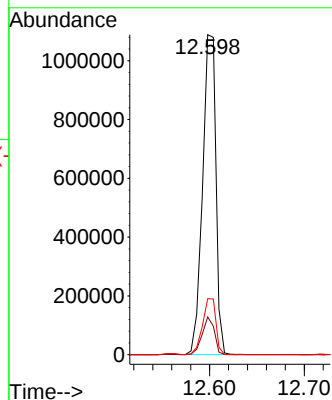
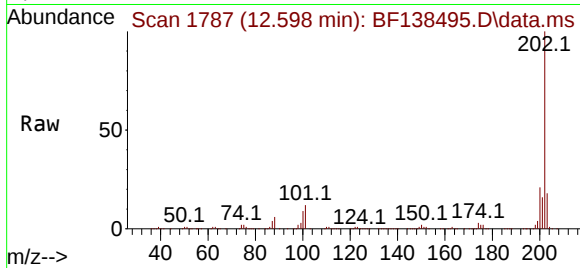




#75
Fluoranthene
Concen: 47.558 ng
RT: 12.598 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

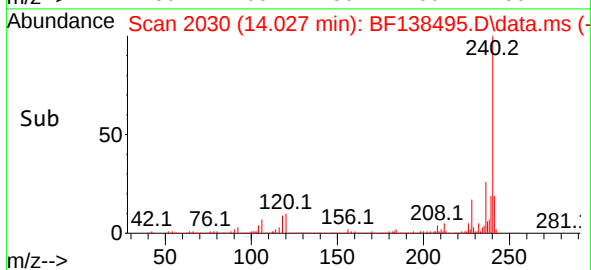
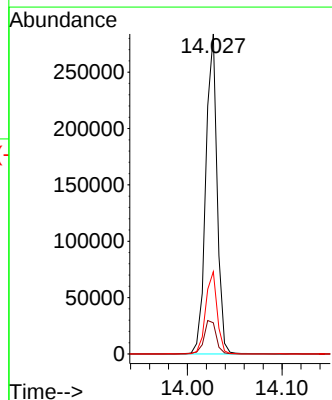
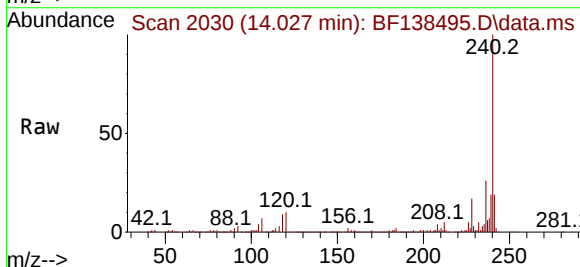
Instrument :
BNA_F
ClientSampleId :
PB161493BS

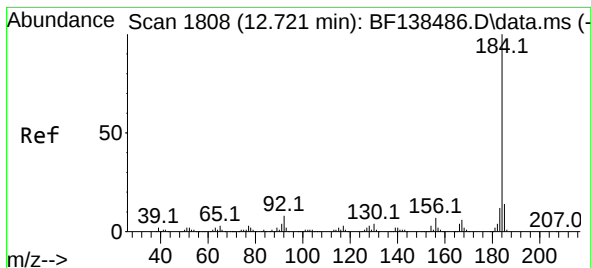
Tgt Ion:202 Resp: 1062443
Ion Ratio Lower Upper
202 100
101 11.8 0.0 29.2
203 17.5 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

Tgt Ion:240 Resp: 235956
Ion Ratio Lower Upper
240 100
120 9.8 8.6 12.8
236 25.7 21.0 31.6





#77

Benzidine

Concen: 29.522 ng

RT: 12.722 min Scan# 1808

Delta R.T. 0.001 min

Lab File: BF138495.D

Acq: 10 Jul 2024 11:52

Instrument :

BNA_F

ClientSampleId :

PB161493BS

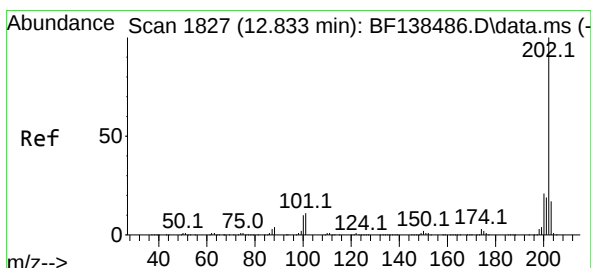
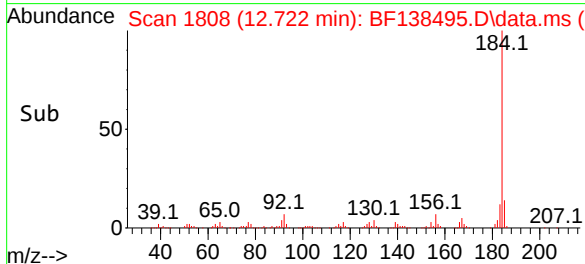
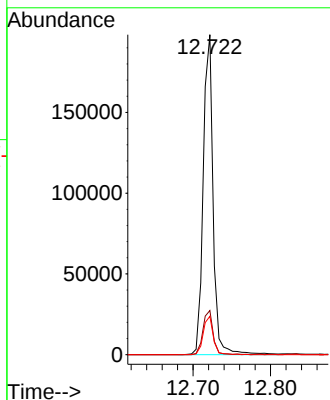
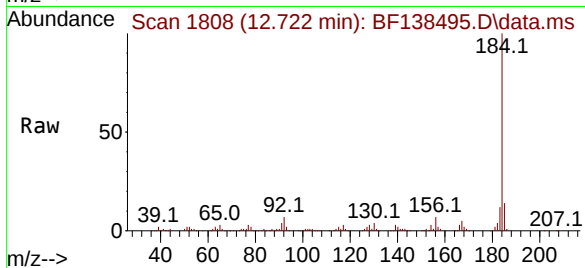
Tgt Ion:184 Resp: 175749

Ion Ratio Lower Upper

184 100

185 13.8 11.3 16.9

183 12.0 9.5 14.3



#78

Pyrene

Concen: 44.851 ng

RT: 12.833 min Scan# 1827

Delta R.T. 0.000 min

Lab File: BF138495.D

Acq: 10 Jul 2024 11:52

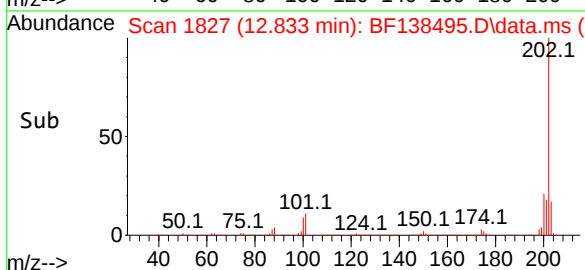
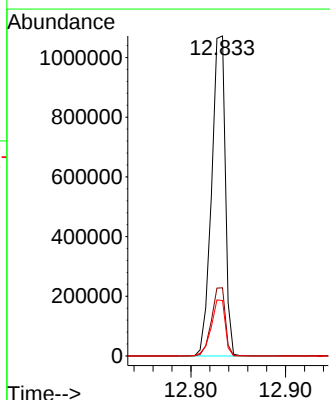
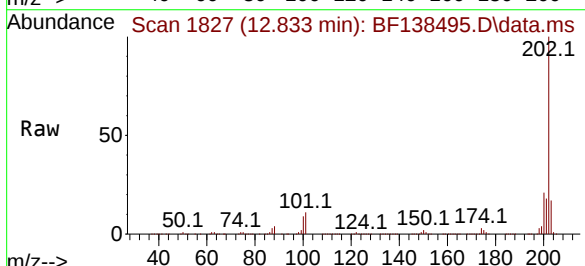
Tgt Ion:202 Resp: 1074307

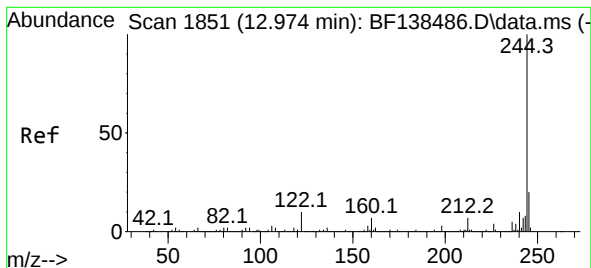
Ion Ratio Lower Upper

202 100

200 21.3 17.0 25.6

203 17.4 13.7 20.5





#79

Terphenyl-d14

Concen: 99.724 ng

RT: 12.974 min Scan# 1851

Delta R.T. 0.000 min

Lab File: BF138495.D

Acq: 10 Jul 2024 11:52

Instrument :

BNA_F

ClientSampleId :

PB161493BS

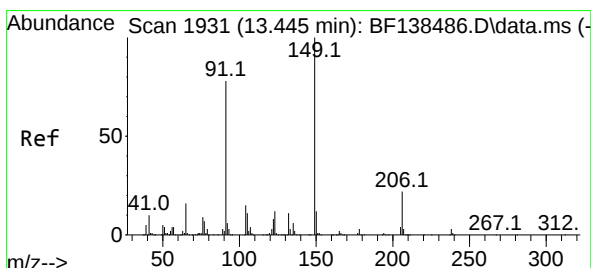
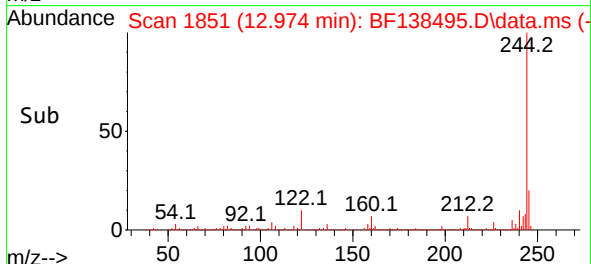
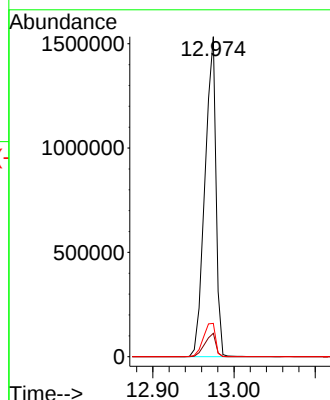
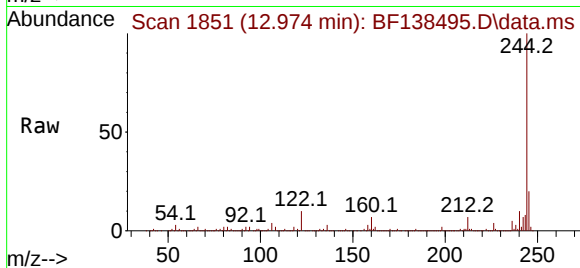
Tgt Ion:244 Resp: 1444366

Ion Ratio Lower Upper

244 100

212 7.3 5.5 8.3

122 10.4 7.8 11.8



#80

Butylbenzylphthalate

Concen: 54.411 ng

RT: 13.445 min Scan# 1931

Delta R.T. 0.000 min

Lab File: BF138495.D

Acq: 10 Jul 2024 11:52

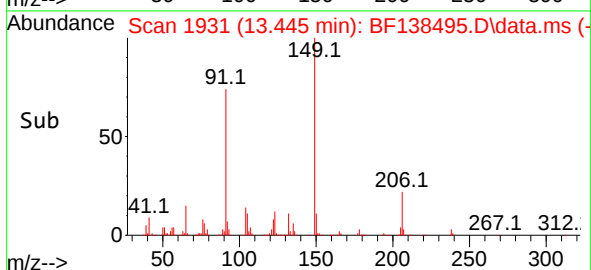
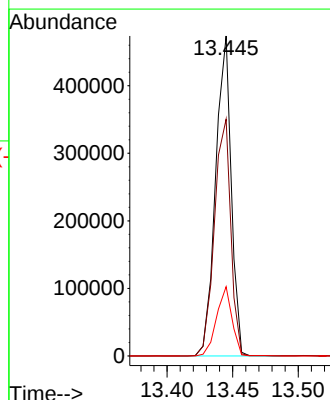
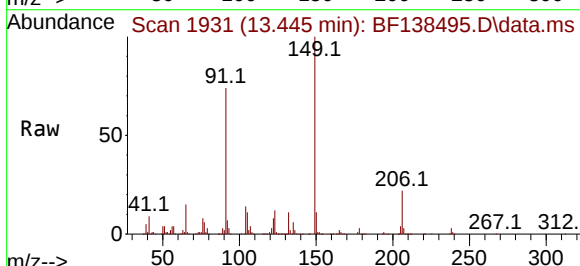
Tgt Ion:149 Resp: 392056

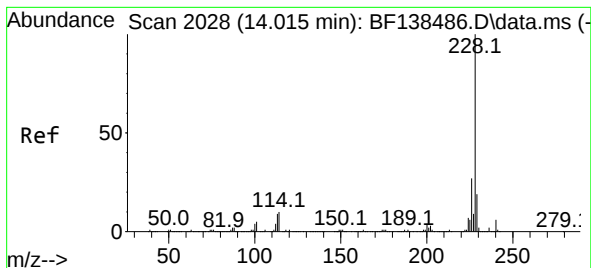
Ion Ratio Lower Upper

149 100

91 74.0 62.1 93.1

206 21.6 18.0 27.0





#81

Benzo(a)anthracene

Concen: 47.436 ng

RT: 14.016 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF138495.D

Acq: 10 Jul 2024 11:52

Instrument :

BNA_F

ClientSampleId :

PB161493BS

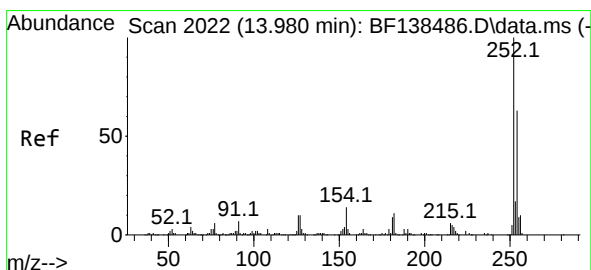
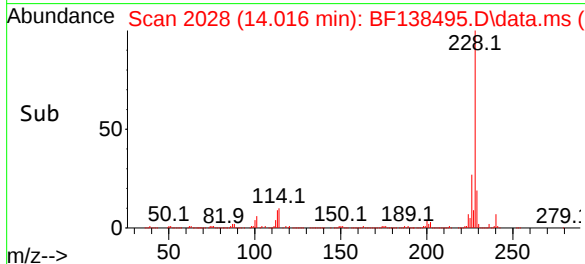
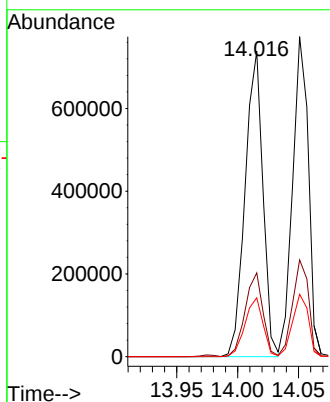
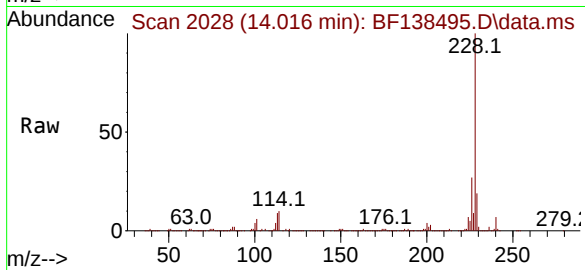
Tgt Ion:228 Resp: 751031

Ion Ratio Lower Upper

228 100

226 27.5 21.9 32.9

229 19.3 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 42.615 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF138495.D

Acq: 10 Jul 2024 11:52

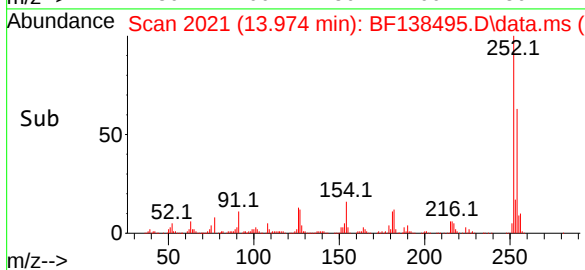
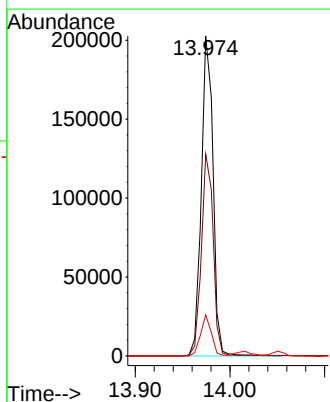
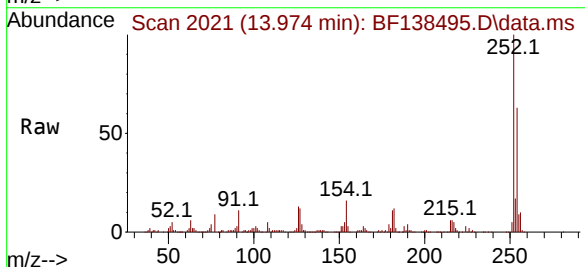
Tgt Ion:252 Resp: 173856

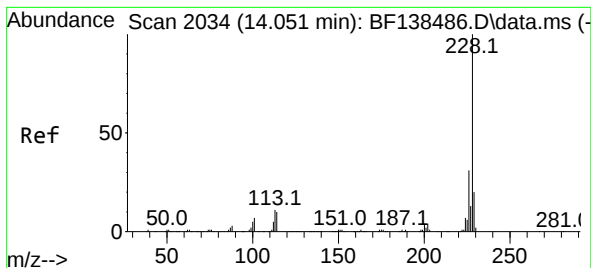
Ion Ratio Lower Upper

252 100

254 63.1 50.3 75.5

126 12.9 8.1 12.1#





#83

Chrysene

Concen: 46.375 ng

RT: 14.051 min Scan# 2034

Delta R.T. 0.000 min

Lab File: BF138495.D

Acq: 10 Jul 2024 11:52

Instrument :

BNA_F

ClientSampleId :

PB161493BS

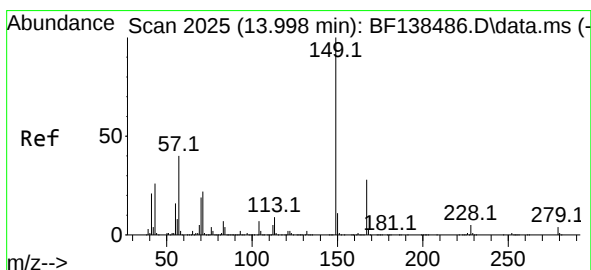
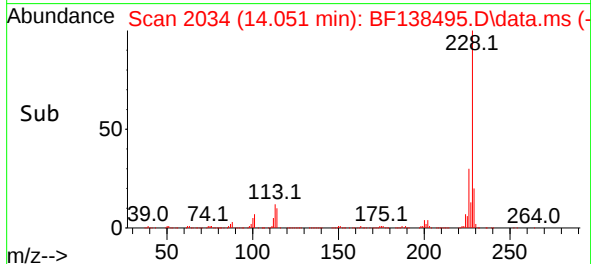
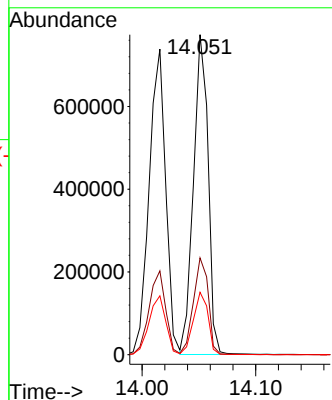
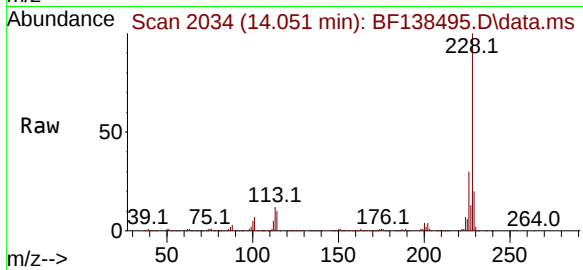
Tgt Ion:228 Resp: 694595

Ion Ratio Lower Upper

228 100

226 30.2 24.4 36.6

229 19.5 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.627 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF138495.D

Acq: 10 Jul 2024 11:52

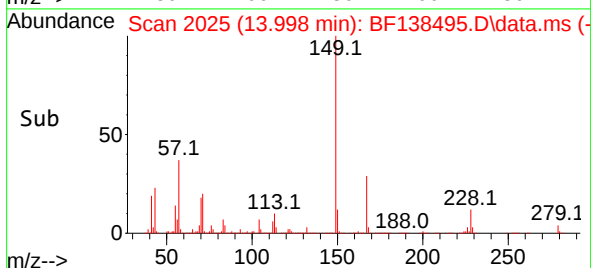
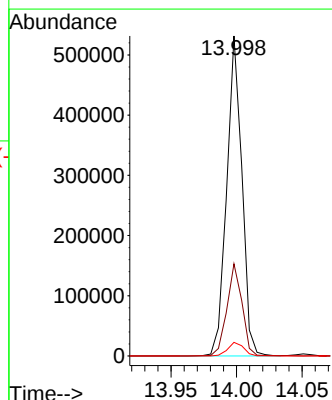
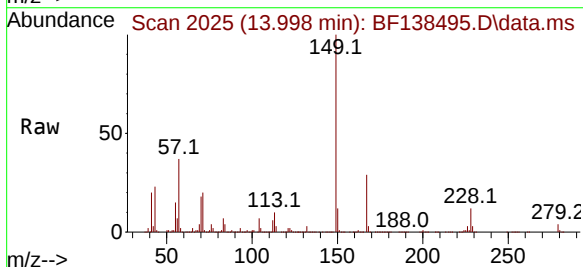
Tgt Ion:149 Resp: 427477

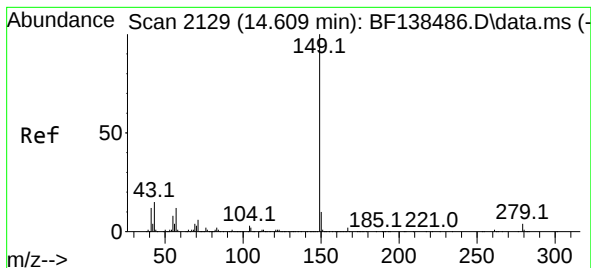
Ion Ratio Lower Upper

149 100

167 28.8 22.5 33.7

279 4.3 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 46.729 ng

RT: 14.610 min Scan# 2129

Delta R.T. 0.001 min

Lab File: BF138495.D

Acq: 10 Jul 2024 11:52

Instrument :

BNA_F

ClientSampleId :

PB161493BS

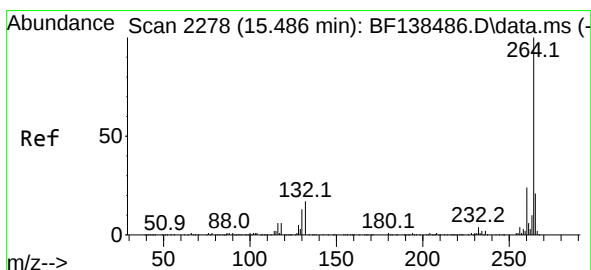
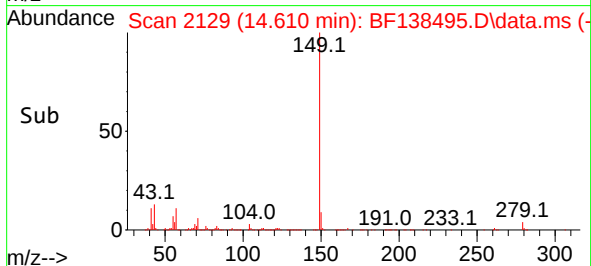
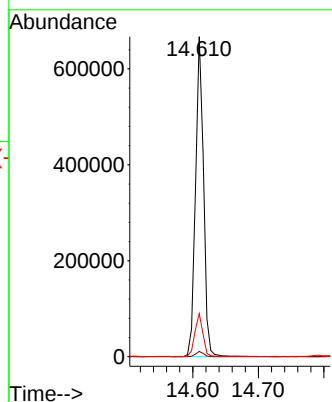
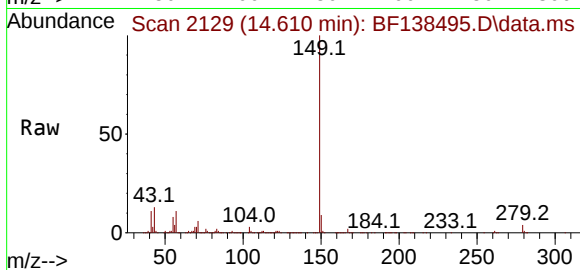
Tgt Ion:149 Resp: 567288

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 13.5 10.7 16.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.486 min Scan# 2278

Delta R.T. 0.000 min

Lab File: BF138495.D

Acq: 10 Jul 2024 11:52

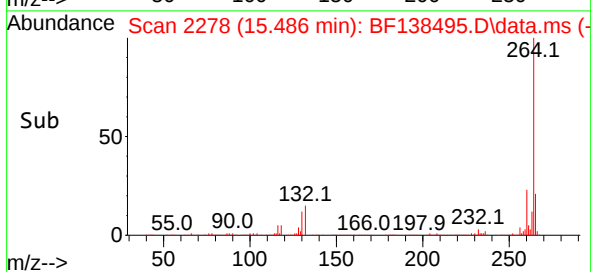
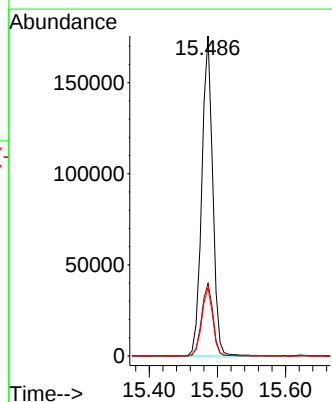
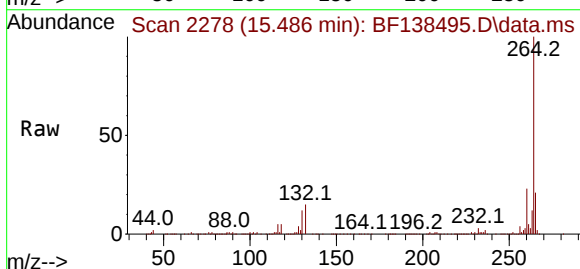
Tgt Ion:264 Resp: 195862

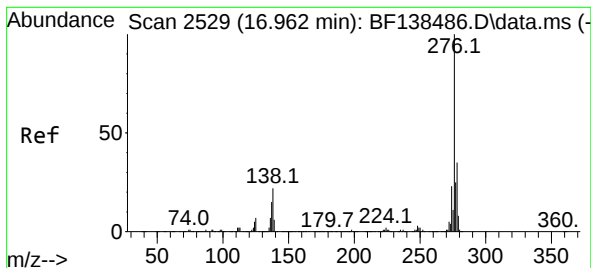
Ion Ratio Lower Upper

264 100

260 22.7 19.0 28.6

265 21.2 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.348 ng

RT: 16.962 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF138495.D

Acq: 10 Jul 2024 11:52

Instrument :

BNA_F

ClientSampleId :

PB161493BS

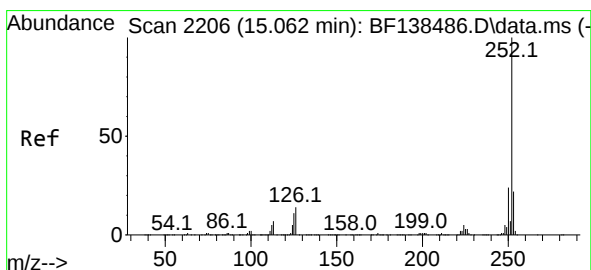
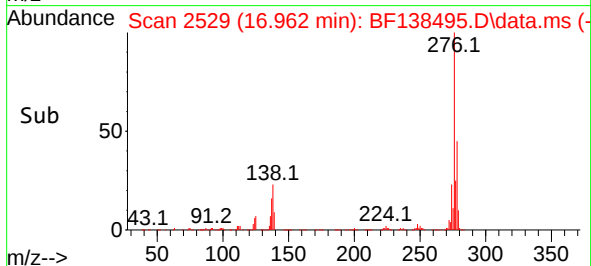
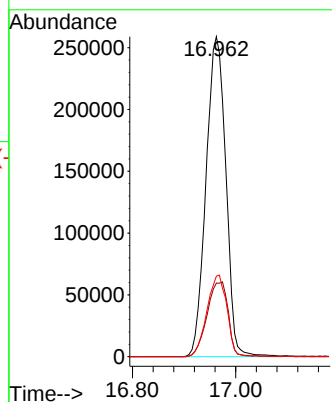
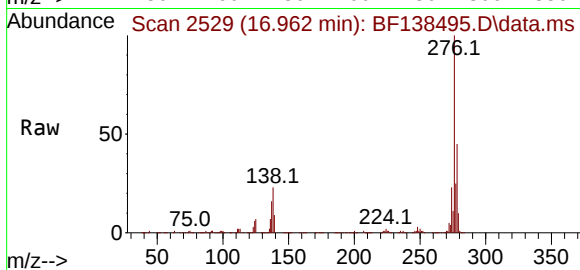
Tgt Ion:276 Resp: 688696

Ion Ratio Lower Upper

276 100

138 24.9 19.6 29.4

277 25.7 20.5 30.7



#88

Benzo(b)fluoranthene

Concen: 50.569 ng

RT: 15.057 min Scan# 2205

Delta R.T. -0.006 min

Lab File: BF138495.D

Acq: 10 Jul 2024 11:52

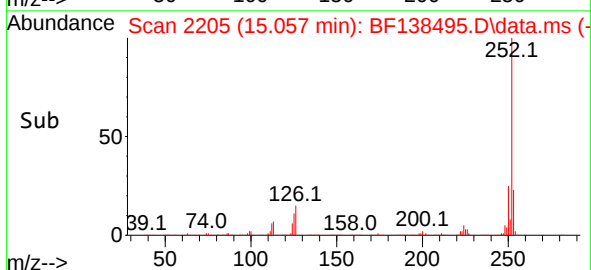
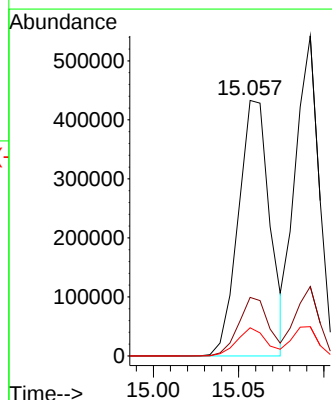
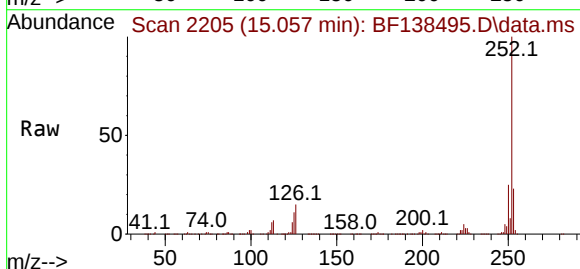
Tgt Ion:252 Resp: 557789

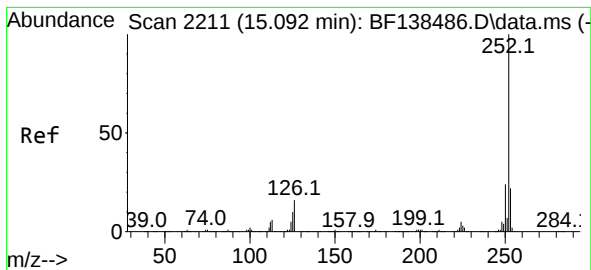
Ion Ratio Lower Upper

252 100

253 22.9 17.3 25.9

125 11.0 8.6 13.0





#89

Benzo(k)fluoranthene

Concen: 49.237 ng

RT: 15.092 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF138495.D

Acq: 10 Jul 2024 11:52

Instrument :

BNA_F

ClientSampleId :

PB161493BS

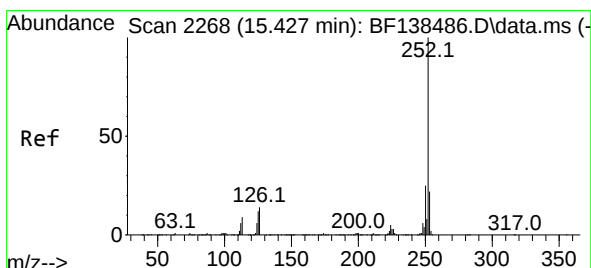
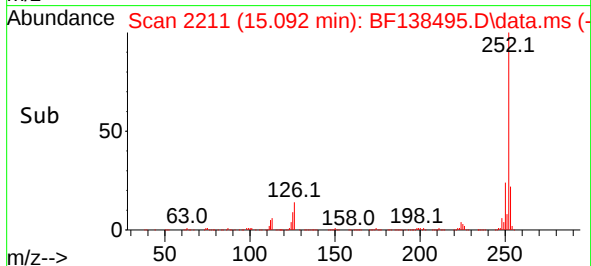
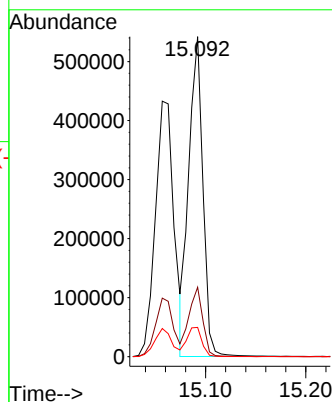
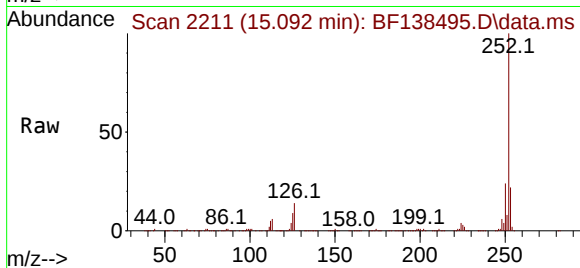
Tgt Ion:252 Resp: 529683

Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

125 9.2 8.1 12.1



#90

Benzo(a)pyrene

Concen: 49.562 ng

RT: 15.427 min Scan# 2268

Delta R.T. 0.000 min

Lab File: BF138495.D

Acq: 10 Jul 2024 11:52

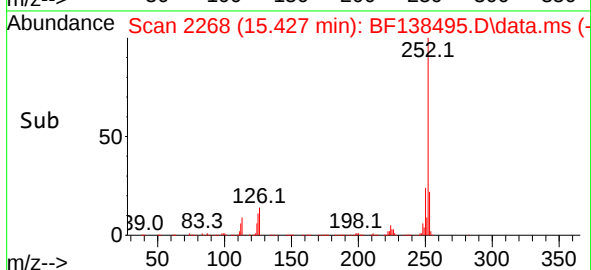
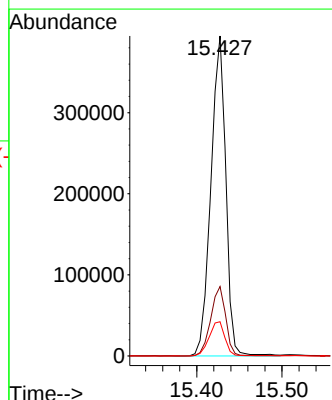
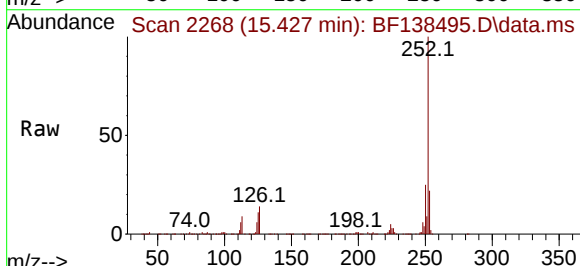
Tgt Ion:252 Resp: 480240

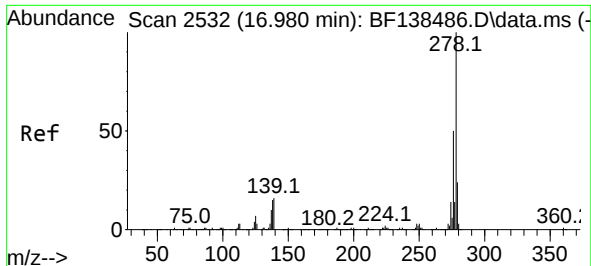
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 10.7 9.4 14.2

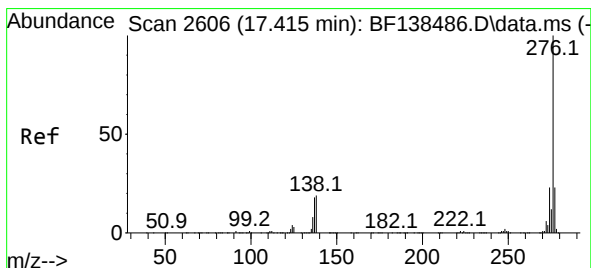
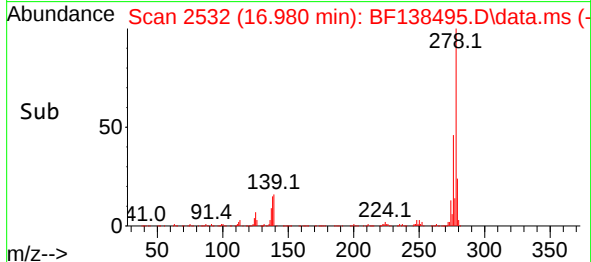
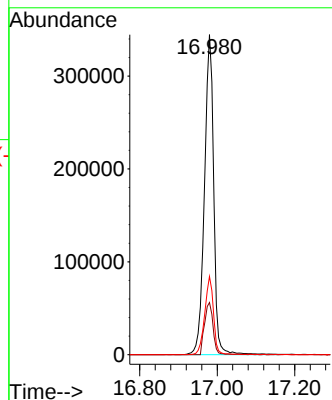
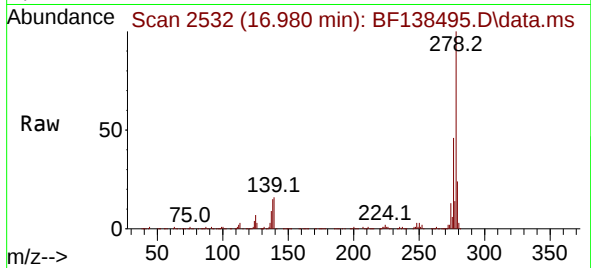




#91
Dibenzo(a,h)anthracene
Concen: 53.118 ng
RT: 16.980 min Scan# 218
Delta R.T. 0.000 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

Instrument :
BNA_F
ClientSampleId :
PB161493BS

Tgt Ion:278 Resp: 571650
Ion Ratio Lower Upper
278 100
139 16.3 12.8 19.2
279 24.5 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 50.410 ng
RT: 17.410 min Scan# 2605
Delta R.T. -0.006 min
Lab File: BF138495.D
Acq: 10 Jul 2024 11:52

Tgt Ion:276 Resp: 575266
Ion Ratio Lower Upper
276 100
277 23.5 18.0 27.0
138 22.1 15.5 23.3

