

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010824\
 Data File : BF136994.D
 Acq On : 08 Jan 2024 13:12
 Operator : CG\JU
 Sample : PB158263BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158263BS

Quant Time: Jan 08 13:36:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	74229	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	294729	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	150099	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	281735	20.000	ng	0.00
76) Chrysene-d12	13.974	240	144492	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	133674	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	543259	114.192	ng	0.01
7) Phenol-d6	6.445	99	669188	108.556	ng	0.00
23) Nitrobenzene-d5	7.351	82	412948	71.696	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	197750	111.865	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	838168	75.105	ng	0.00
79) Terphenyl-d14	12.910	244	873030	84.436	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.622	88	65298	32.942	ng	97
3) Pyridine	3.399	79	157439	32.553	ng	93
4) n-Nitrosodimethylamine	3.357	42	91542	35.444	ng	100
6) Aniline	6.451	93	207144	33.610	ng	# 46
8) 2-Chlorophenol	6.581	128	210254	40.385	ng	92
9) Benzaldehyde	6.340	77	78973	22.523	ng	96
10) Phenol	6.457	94	250001	37.991	ng	96
11) bis(2-Chloroethyl)ether	6.528	93	191045	38.175	ng	96
12) 1,3-Dichlorobenzene	6.728	146	208745	36.755	ng	97
13) 1,4-Dichlorobenzene	6.804	146	215770	37.182	ng	96
14) 1,2-Dichlorobenzene	6.951	146	205522	38.061	ng	99
15) Benzyl Alcohol	6.939	79	161916	38.934	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.057	45	302308	36.948	ng	# 47
17) 2-Methylphenol	7.051	107	168727	39.121	ng	95
18) Hexachloroethane	7.287	117	75326	35.742	ng	94
19) n-Nitroso-di-n-propyla...	7.204	70	141939	37.984	ng	96
20) 3+4-Methylphenols	7.204	107	214071	39.729	ng	# 70
22) Acetophenone	7.198	105	288890	39.106	ng	# 90
24) Nitrobenzene	7.369	77	207385	35.944	ng	97
25) Isophorone	7.610	82	390939	37.302	ng	98
26) 2-Nitrophenol	7.686	139	109490	39.664	ng	96
27) 2,4-Dimethylphenol	7.728	122	183362	54.560	ng	99
28) bis(2-Chloroethoxy)met...	7.816	93	242732	38.103	ng	99
29) 2,4-Dichlorophenol	7.934	162	169173	39.100	ng	95
30) 1,2,4-Trichlorobenzene	8.004	180	178504	37.029	ng	99
31) Naphthalene	8.086	128	602255	37.195	ng	100
32) Benzoic acid	7.881	122	116471	35.818	ng	93
33) 4-Chloroaniline	8.139	127	127707	21.362	ng	97
34) Hexachlorobutadiene	8.198	225	104201	35.577	ng	99
35) Caprolactam	8.522	113	41839	29.313	ng	97
36) 4-Chloro-3-methylphenol	8.639	107	186876	38.366	ng	98
37) 2-Methylnaphthalene	8.775	142	389034	37.334	ng	99
38) 1-Methylnaphthalene	8.875	142	366519	35.851	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	185001	39.798	ng	98
41) Hexachlorocyclopentadiene	8.928	237	117745	79.476	ng	97
43) 2,4,6-Trichlorophenol	9.063	196	117245	39.329	ng	98

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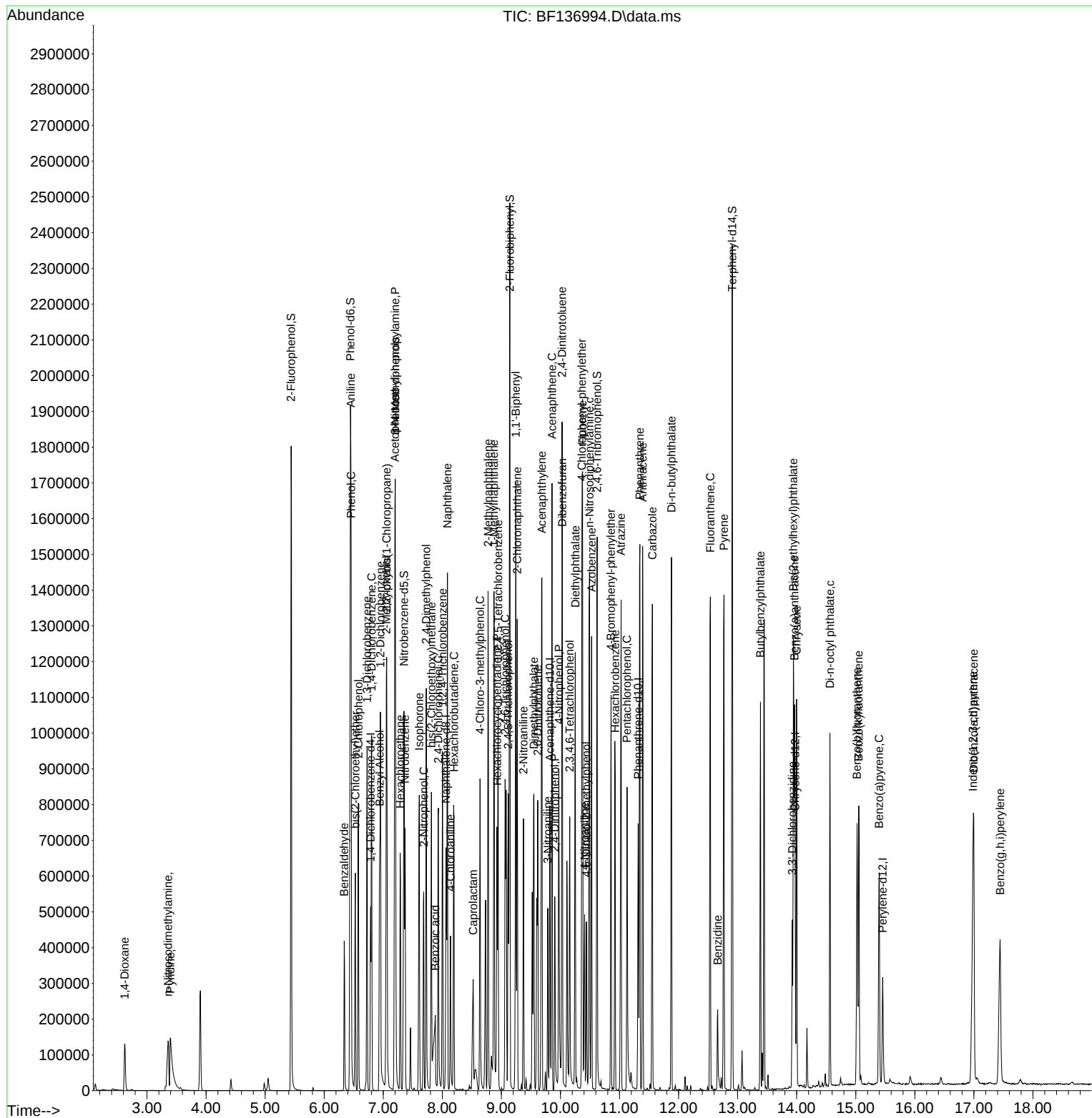
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	126958	38.216	ng	100
46) 1,1'-Biphenyl	9.245	154	496239	39.398	ng	99
47) 2-Chloronaphthalene	9.269	162	365158	38.135	ng	98
48) 2-Nitroaniline	9.375	65	115225	38.427	ng	93
49) Acenaphthylene	9.686	152	584378	39.928	ng	99
50) Dimethylphthalate	9.551	163	438091	39.959	ng	99
51) 2,6-Dinitrotoluene	9.616	165	96754	38.885	ng	# 87
52) Acenaphthene	9.857	154	356921	39.341	ng	97
53) 3-Nitroaniline	9.786	138	77491	29.400	ng	98
54) 2,4-Dinitrophenol	9.904	184	83151	61.217	ng	# 87
55) Dibenzofuran	10.033	168	526943	38.316	ng	97
56) 4-Nitrophenol	9.975	139	105918	59.527	ng	96
57) 2,4-Dinitrotoluene	10.028	165	120274	37.235	ng	93
58) Fluorene	10.375	166	432679	39.651	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.157	232	104254	40.768	ng	97
60) Diethylphthalate	10.251	149	435513	38.285	ng	97
61) 4-Chlorophenyl-phenyle...	10.363	204	211837	39.939	ng	98
62) 4-Nitroaniline	10.410	138	91538	36.025	ng	92
63) Azobenzene	10.528	77	404394	38.062	ng	98
65) 4,6-Dinitro-2-methylph...	10.439	198	64296	39.821	ng	97
66) n-Nitrosodiphenylamine	10.492	169	381866	41.725	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	127540	40.762	ng	97
68) Hexachlorobenzene	10.927	284	138439	39.703	ng	# 94
69) Atrazine	11.027	200	168886	72.148	ng	99
70) Pentachlorophenol	11.127	266	118037	72.626	ng	100
71) Phenanthrene	11.345	178	610434	42.227	ng	100
72) Anthracene	11.392	178	609390	41.625	ng	99
73) Carbazole	11.557	167	555041	40.212	ng	98
74) Di-n-butylphthalate	11.880	149	694570	41.238	ng	99
75) Fluoranthene	12.539	202	605009	39.126	ng	99
77) Benzidine	12.663	184	110953	26.043	ng	98
78) Pyrene	12.769	202	600500	42.335	ng	99
80) Butylbenzylphthalate	13.386	149	236029	45.731	ng	100
81) Benzo(a)anthracene	13.963	228	414631	41.325	ng	98
82) 3,3'-Dichlorobenzidine	13.927	252	107404	37.694	ng	98
83) Chrysene	13.998	228	389654	39.714	ng	97
84) Bis(2-ethylhexyl)phtha...	13.945	149	314481	48.428	ng	97
85) Di-n-octyl phthalate	14.563	149	441741	43.976	ng	98
87) Indeno(1,2,3-cd)pyrene	16.986	276	443860	45.989	ng	100
88) Benzo(b)fluoranthene	15.021	252	375104	42.013	ng	99
89) Benzo(k)fluoranthene	15.051	252	327231	38.788	ng	98
90) Benzo(a)pyrene	15.398	252	319655	42.415	ng	98
91) Dibenzo(a,h)anthracene	16.998	278	371685	46.942	ng	97
92) Benzo(g,h,i)perylene	17.445	276	370372	45.670	ng	99

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

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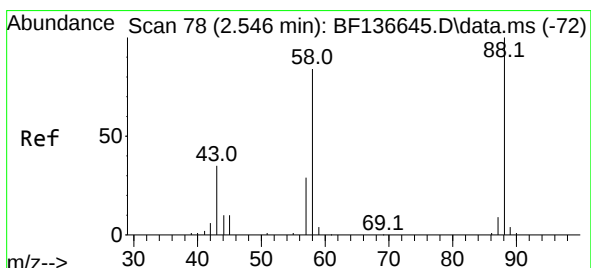
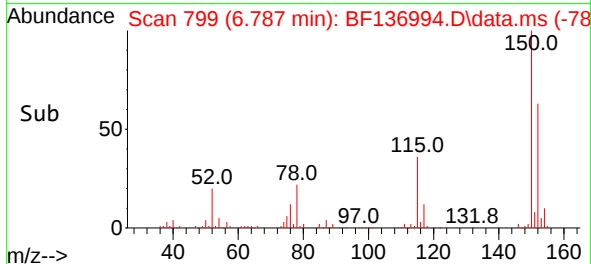
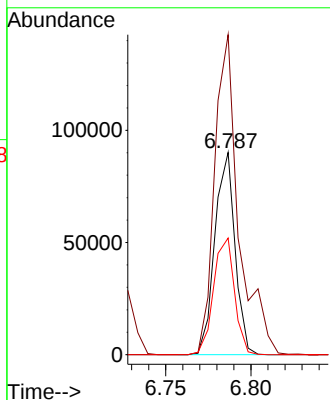
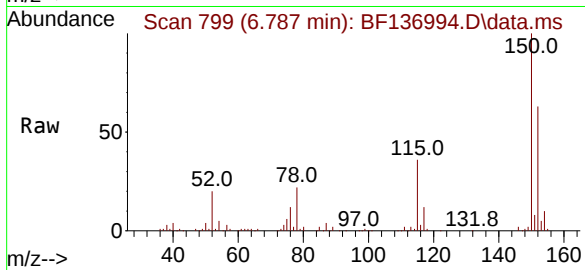




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF136994.D
 Acq: 08 Jan 2024 13:12

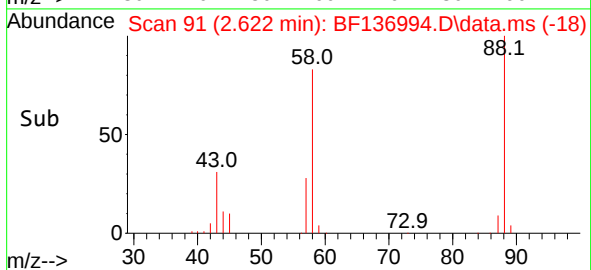
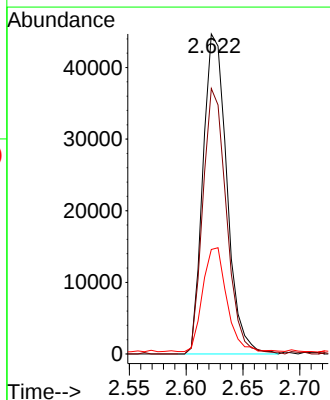
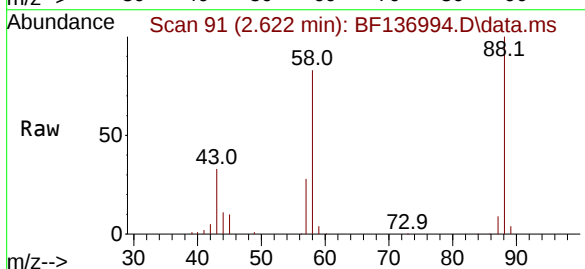
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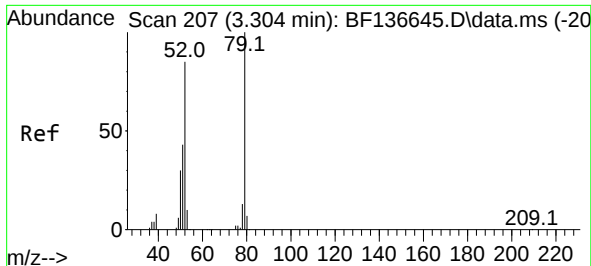
Tgt Ion:152 Resp: 74229
 Ion Ratio Lower Upper
 152 100
 150 158.3 127.0 190.6
 115 57.7 49.0 73.4



#2
 1,4-Dioxane
 Concen: 32.942 ng
 RT: 2.622 min Scan# 91
 Delta R.T. 0.077 min
 Lab File: BF136994.D
 Acq: 08 Jan 2024 13:12

Tgt Ion: 88 Resp: 65298
 Ion Ratio Lower Upper
 88 100
 58 81.9 67.4 101.0
 43 32.5 27.7 41.5

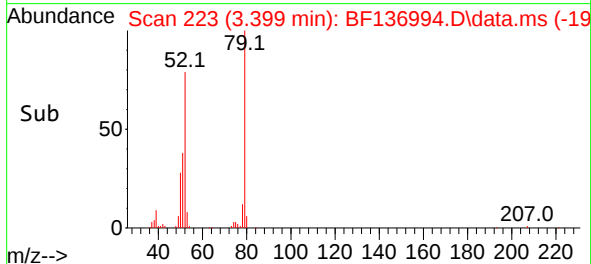
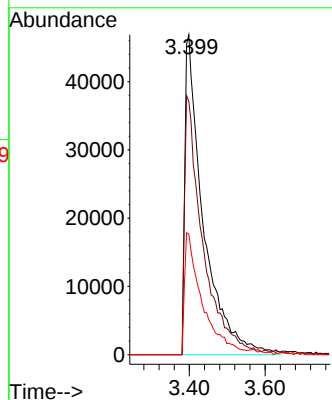
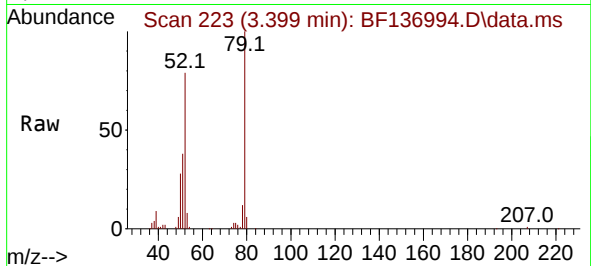




#3
Pyridine
Concen: 32.553 ng
RT: 3.399 min Scan# 216
Delta R.T. 0.094 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

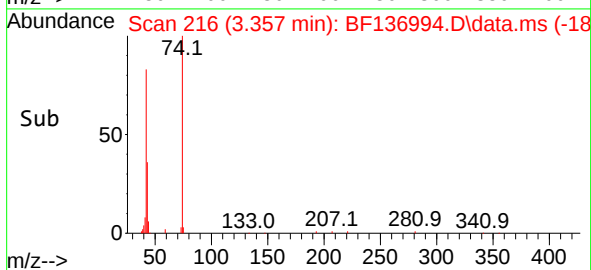
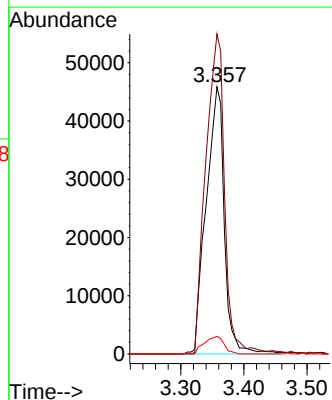
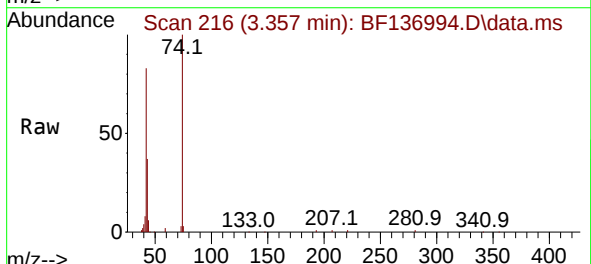
Instrument :
BNA_F
ClientSampleId :
PB158263BS

Tgt Ion: 79 Resp: 157439
Ion Ratio Lower Upper
79 100
52 79.1 67.7 101.5
51 37.6 34.0 51.0



#4
n-Nitrosodimethylamine
Concen: 35.444 ng
RT: 3.357 min Scan# 216
Delta R.T. 0.082 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

Tgt Ion: 42 Resp: 91542
Ion Ratio Lower Upper
42 100
74 119.8 96.0 144.0
44 6.6 5.4 8.2

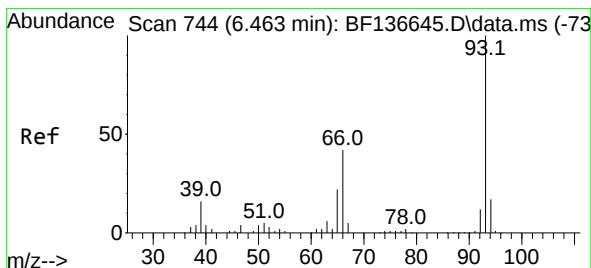
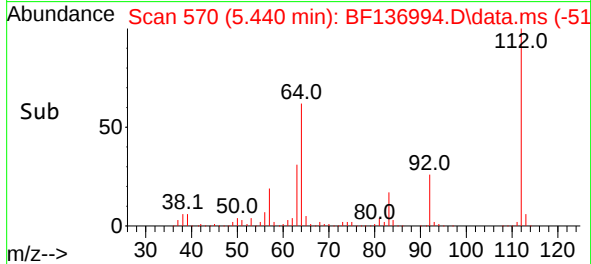
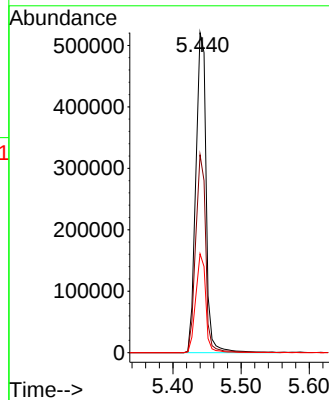
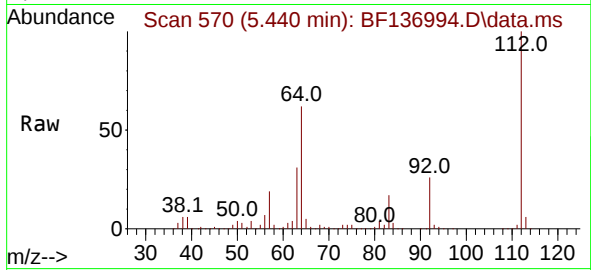




#5
2-Fluorophenol
Concen: 114.192 ng
RT: 5.440 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

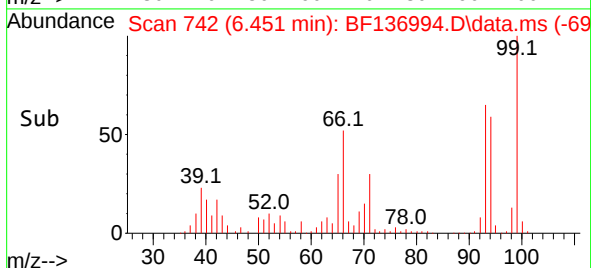
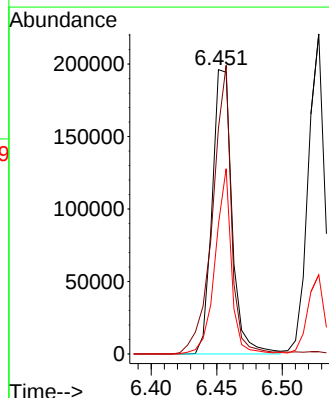
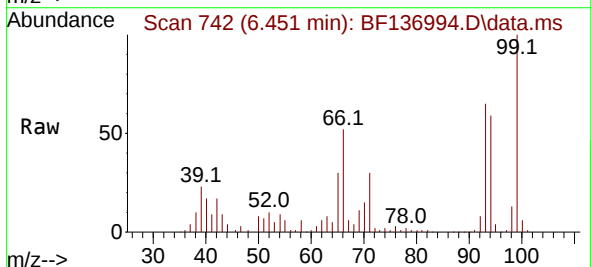
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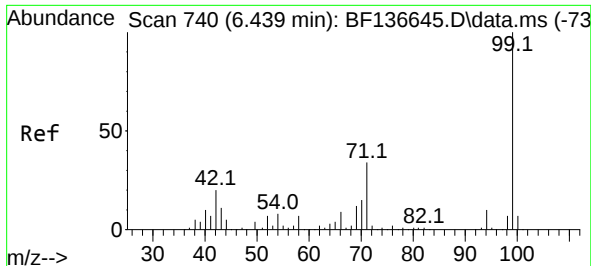
Tgt Ion:112 Resp: 543259
Ion Ratio Lower Upper
112 100
64 61.8 51.1 76.7
63 30.9 26.1 39.1



#6
Aniline
Concen: 33.610 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF136994.D
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Tgt Ion: 93 Resp: 207144
Ion Ratio Lower Upper
93 100
66 79.4 34.6 51.8#
65 45.6 17.8 26.8#

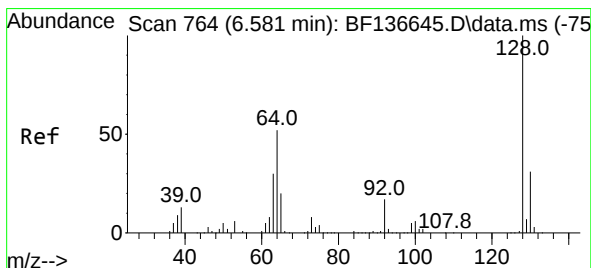
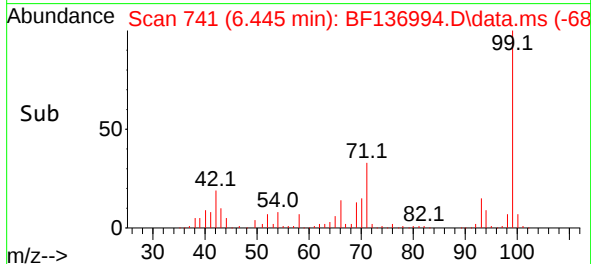
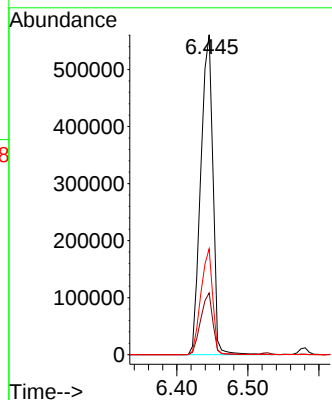
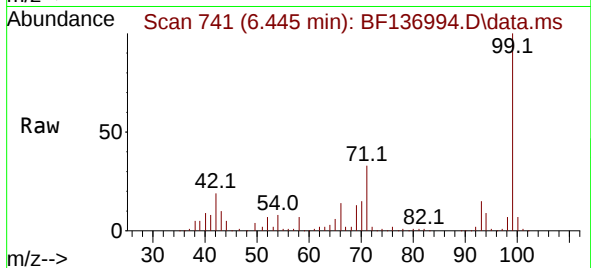




#7
Phenol-d6
Concen: 108.556 ng
RT: 6.445 min Scan# 740
Delta R.T. 0.006 min
Lab File: BF136994.D
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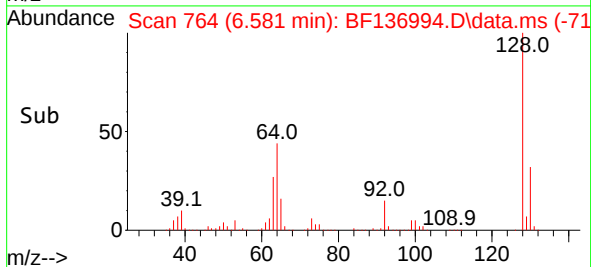
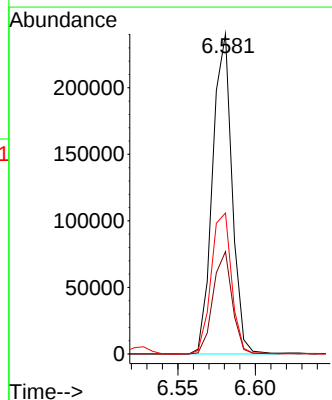
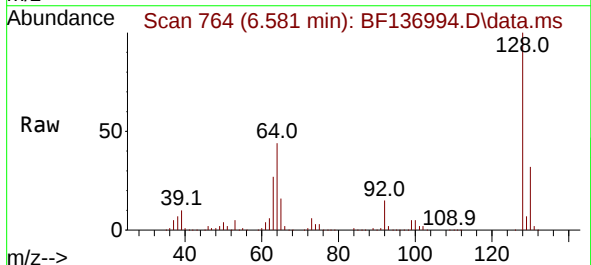
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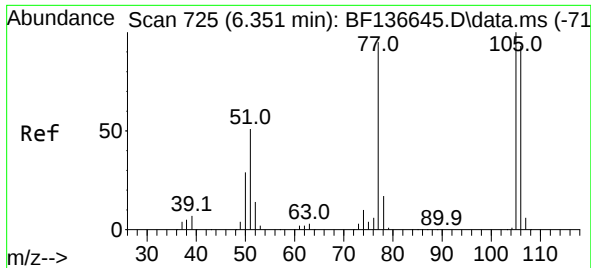
Tgt Ion: 99 Resp: 669188
Ion Ratio Lower Upper
99 100
42 19.3 16.1 24.1
71 33.1 27.4 41.2



#8
2-Chlorophenol
Concen: 40.385 ng
RT: 6.581 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF136994.D
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Tgt Ion:128 Resp: 210254
Ion Ratio Lower Upper
128 100
130 32.0 11.3 51.3
64 44.0 32.5 72.5





#9

Benzaldehyde

Concen: 22.523 ng

RT: 6.340 min Scan# 71

Delta R.T. -0.012 min

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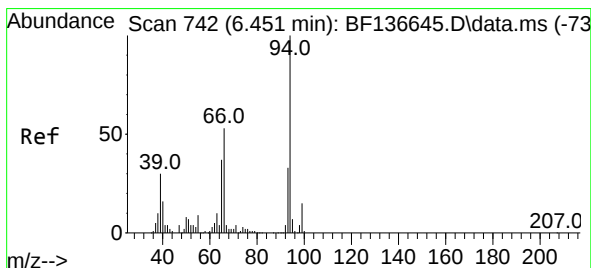
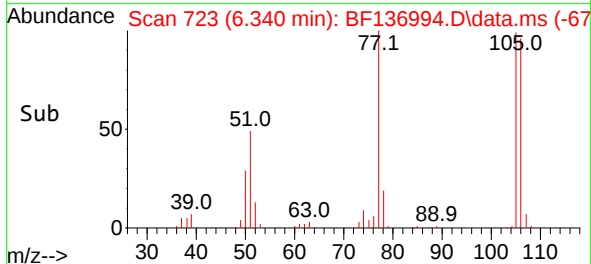
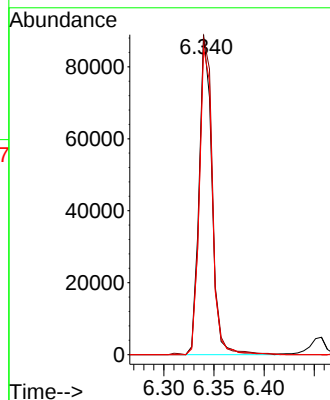
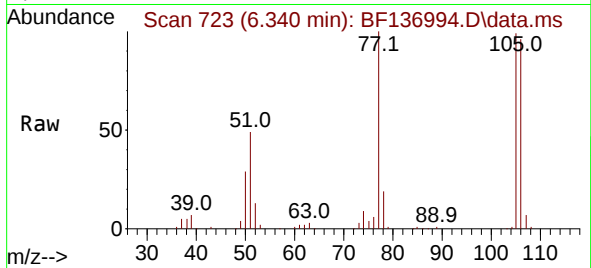
Tgt Ion: 77 Resp: 78973

Ion Ratio Lower Upper

77 100

105 99.1 84.8 124.8

106 95.9 77.8 117.8



#10

Phenol

Concen: 37.991 ng

RT: 6.457 min Scan# 743

Delta R.T. 0.006 min

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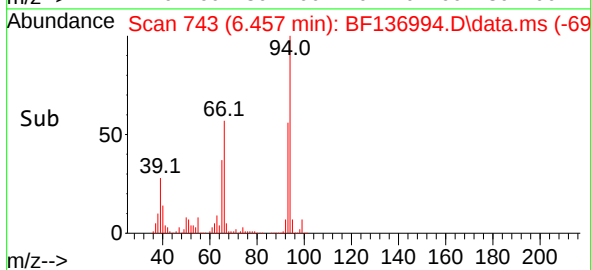
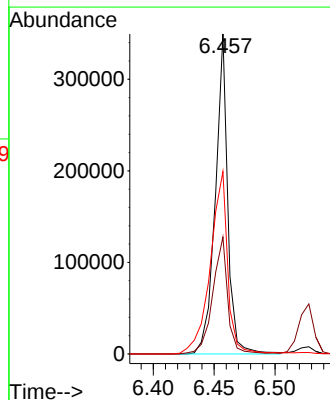
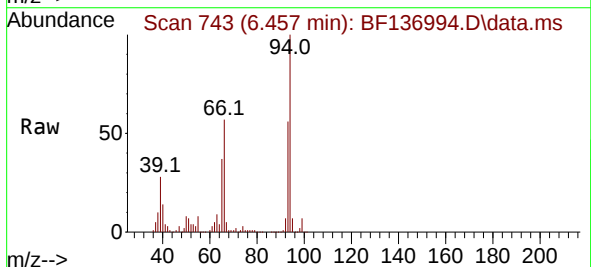
Tgt Ion: 94 Resp: 250001

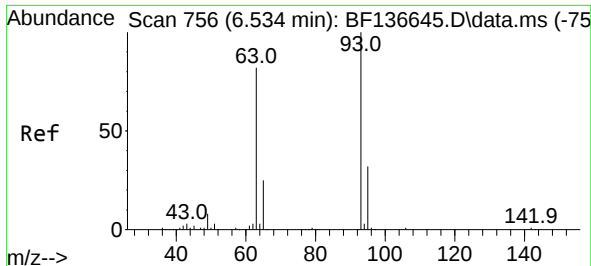
Ion Ratio Lower Upper

94 100

65 36.6 16.6 56.6

66 57.0 32.6 72.6

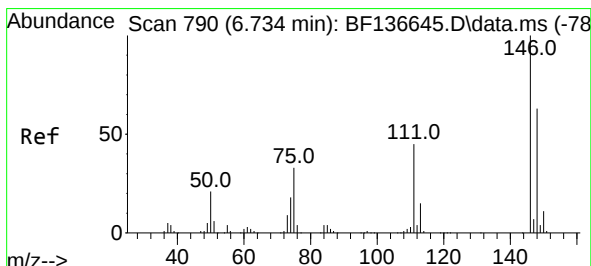
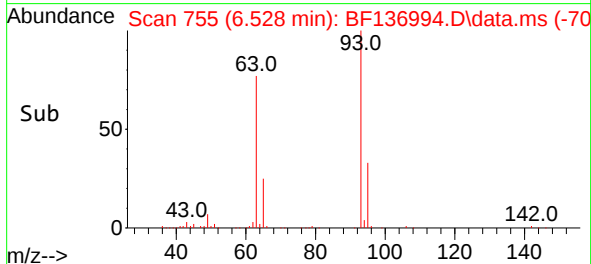
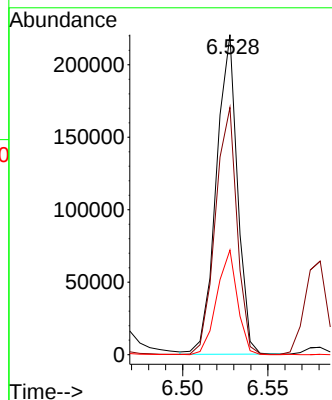
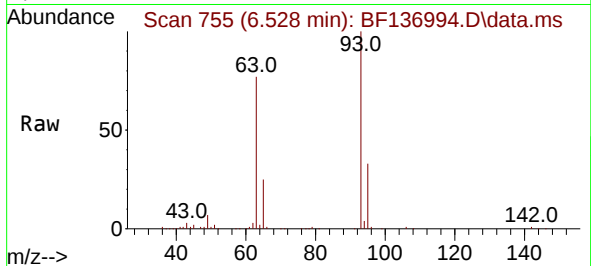




#11
bis(2-Chloroethyl)ether
Concen: 38.175 ng
RT: 6.528 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

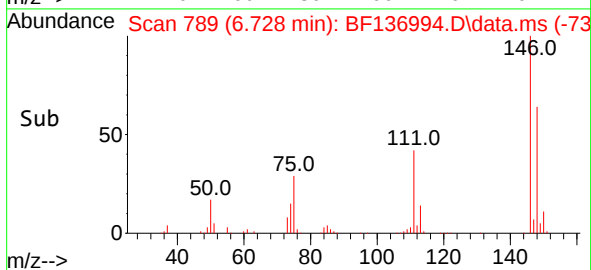
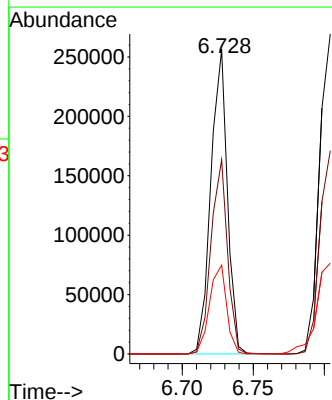
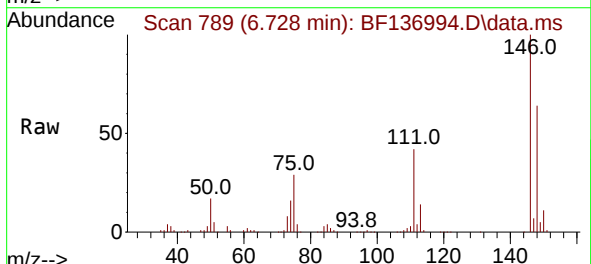
Instrument :
BNA_F
ClientSampleId :
PB158263BS

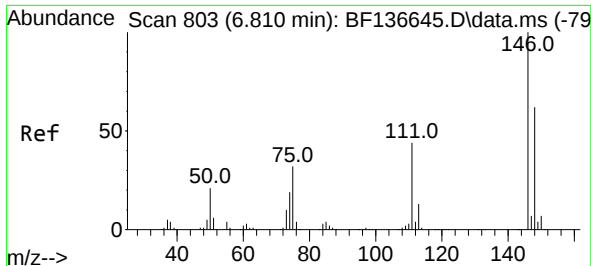
Tgt Ion: 93 Resp: 191045
Ion Ratio Lower Upper
93 100
63 77.3 61.2 101.2
95 32.7 11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 36.755 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.006 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

Tgt Ion: 146 Resp: 208745
Ion Ratio Lower Upper
146 100
148 63.8 50.5 75.7
75 29.2 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 37.182 ng

RT: 6.804 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF136994.D

Acq: 08 Jan 2024 13:12

Instrument :

BNA_F

ClientSampleId :

PB158263BS

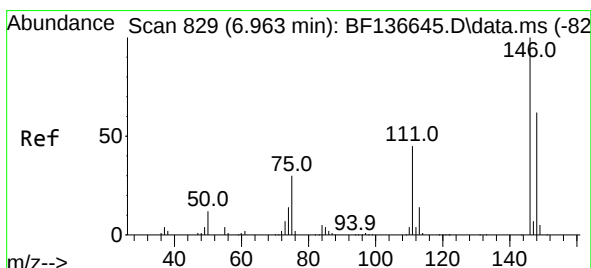
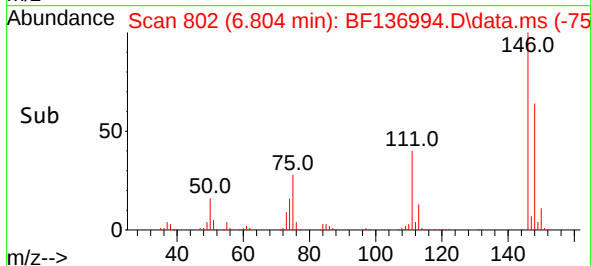
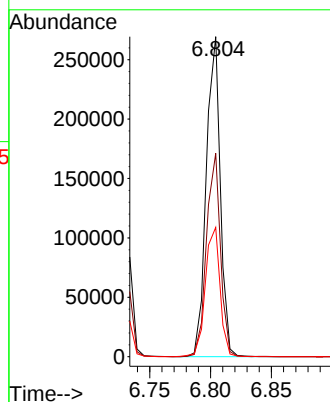
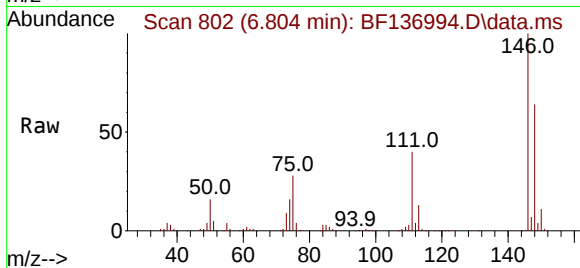
Tgt Ion:146 Resp: 215770

Ion Ratio Lower Upper

146 100

148 63.5 49.2 73.8

111 40.4 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 38.061 ng

RT: 6.951 min Scan# 827

Delta R.T. -0.012 min

Lab File: BF136994.D

Acq: 08 Jan 2024 13:12

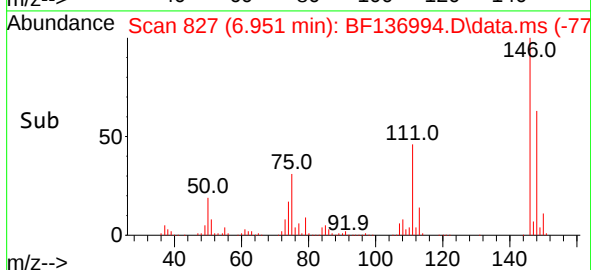
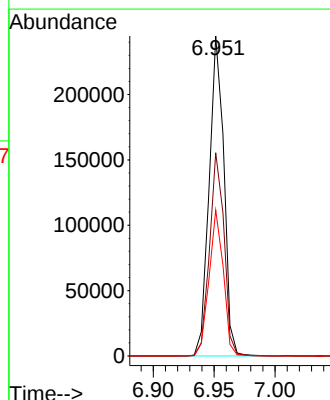
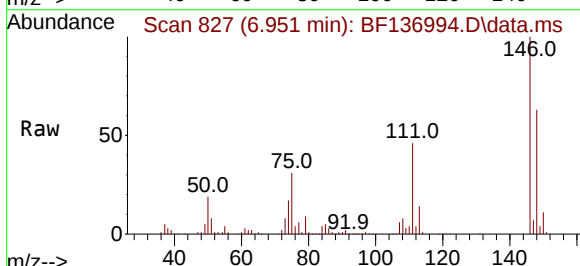
Tgt Ion:146 Resp: 205522

Ion Ratio Lower Upper

146 100

148 63.5 49.6 74.4

111 45.6 36.2 54.2

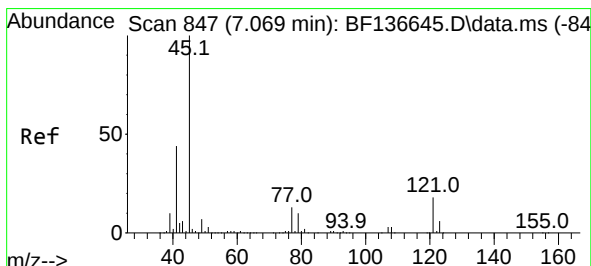
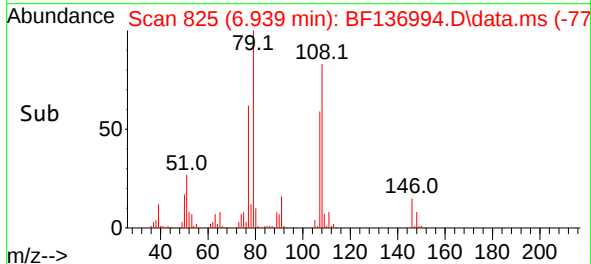
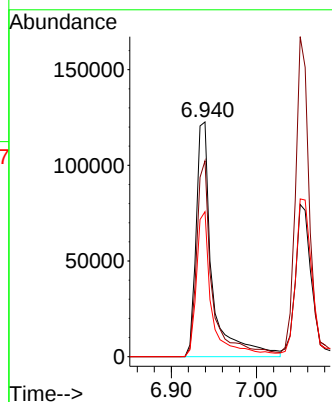
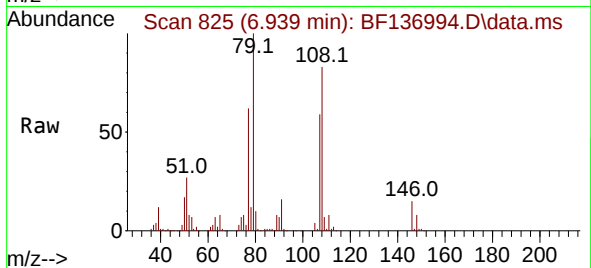




#15
Benzyl Alcohol
Concen: 38.934 ng
RT: 6.939 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

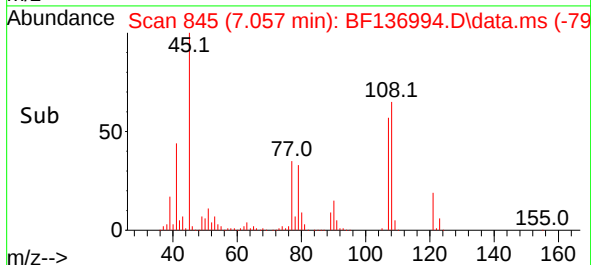
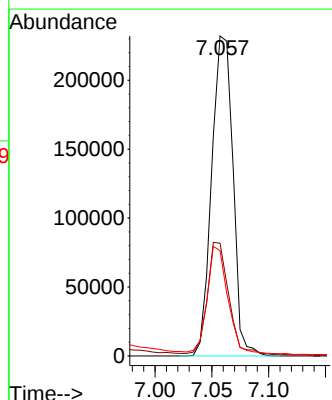
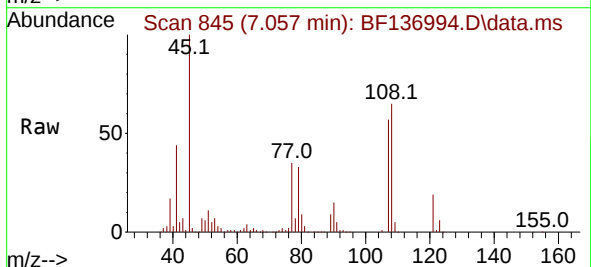
Instrument :
BNA_F
ClientSampleId :
PB158263BS

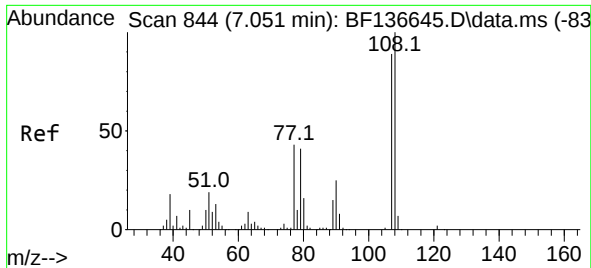
Tgt Ion: 79 Resp: 161916
Ion Ratio Lower Upper
79 100
108 83.5 61.0 91.6
77 61.8 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.948 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

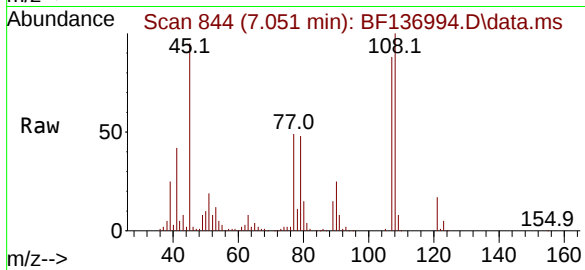
Tgt Ion: 45 Resp: 302308
Ion Ratio Lower Upper
45 100
77 35.3 0.0 34.3#
79 32.9 0.0 31.4#



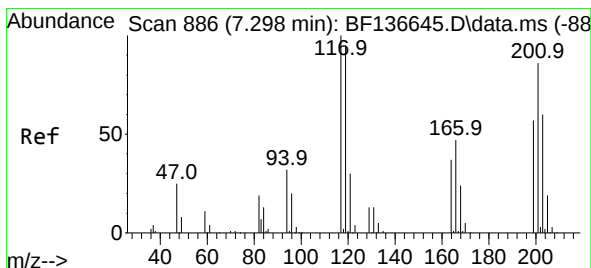
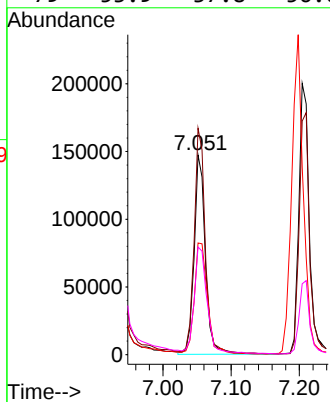
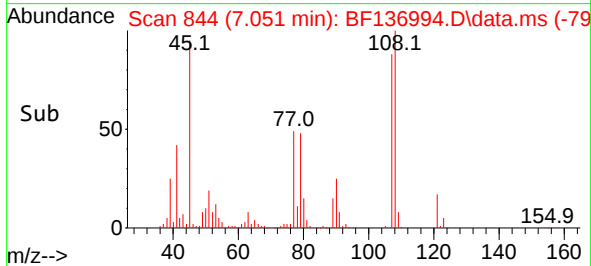


#17
2-Methylphenol
Concen: 39.121 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

Instrument :
BNA_F
ClientSampleId :
PB158263BS

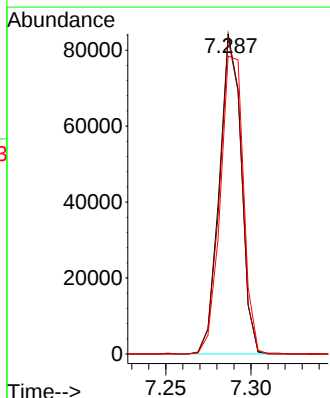
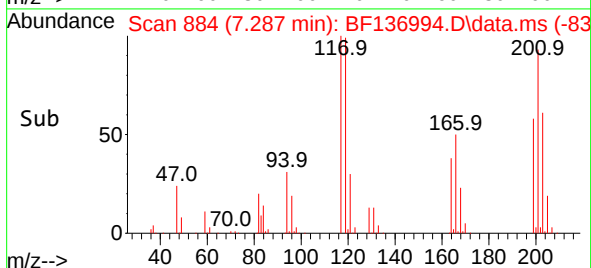
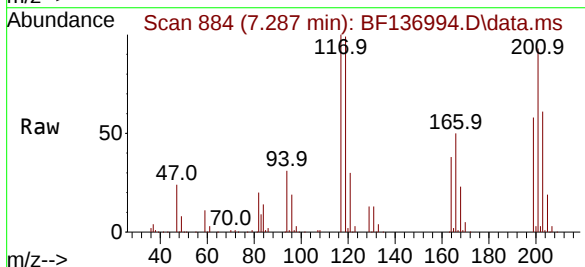


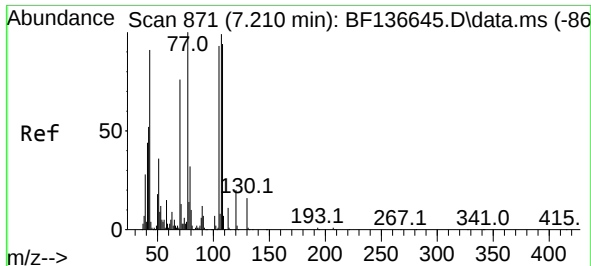
Tgt Ion:	107	Resp:	168727
Ion	Ratio	Lower	Upper
107	100		
108	113.5	90.3	135.5
77	55.9	38.7	58.1
79	53.9	37.8	56.6



#18
Hexachloroethane
Concen: 35.742 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

Tgt Ion:	117	Resp:	75326
Ion	Ratio	Lower	Upper
117	100		
119	98.7	75.8	113.6
201	93.1	69.1	103.7

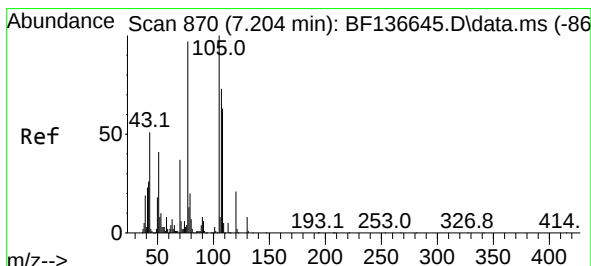
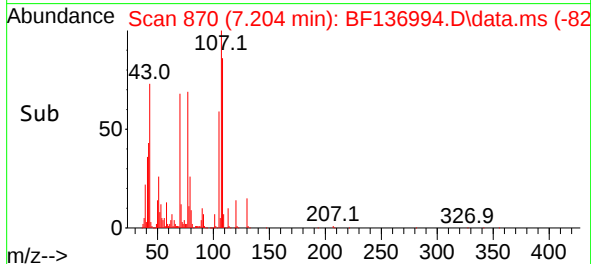
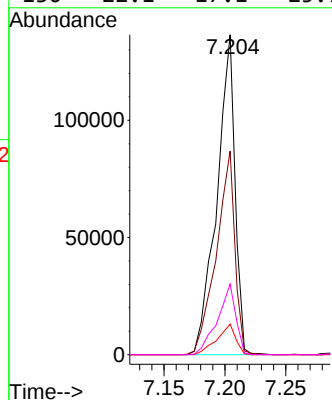
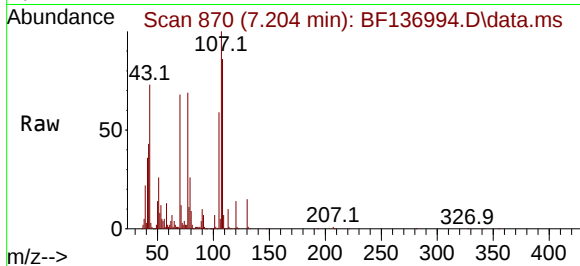




#19
n-Nitroso-di-n-propylamine
Concen: 37.984 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

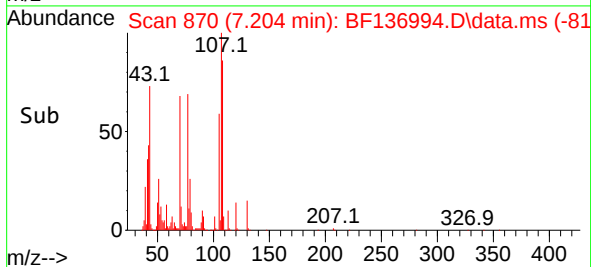
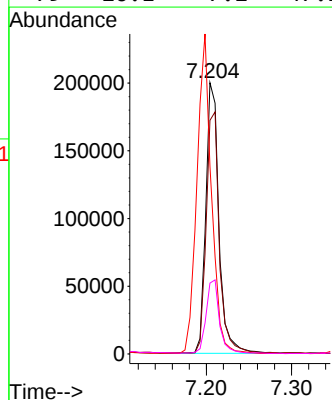
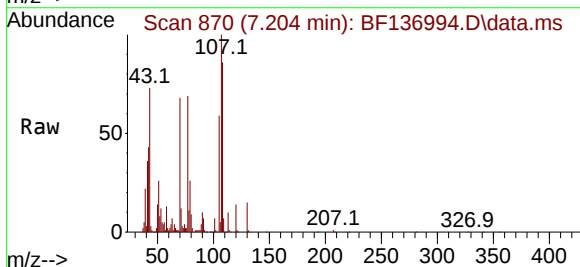
Instrument :
BNA_F
ClientSampleId :
PB158263BS

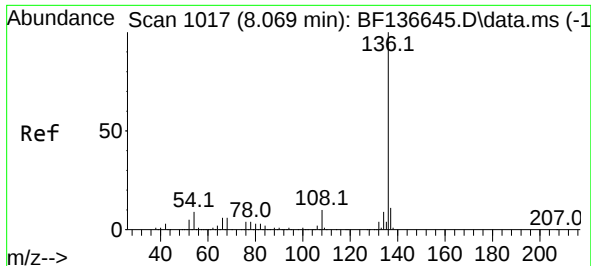
Tgt Ion: 70 Resp: 141939
Ion Ratio Lower Upper
70 100
42 63.6 54.2 81.4
101 9.5 7.6 11.4
130 22.1 17.1 25.7



#20
3+4-Methylphenols
Concen: 39.729 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

Tgt Ion: 107 Resp: 214071
Ion Ratio Lower Upper
107 100
108 86.2 66.0 106.0
77 69.2 114.2 154.2#
79 26.1 7.2 47.2



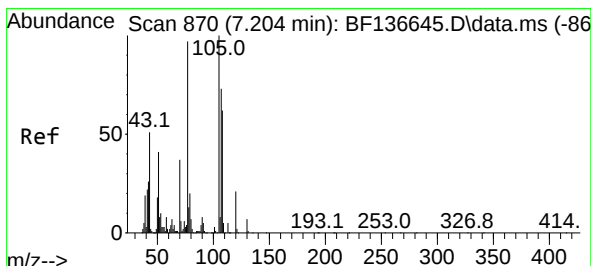
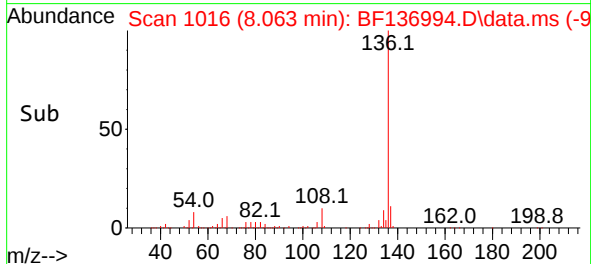
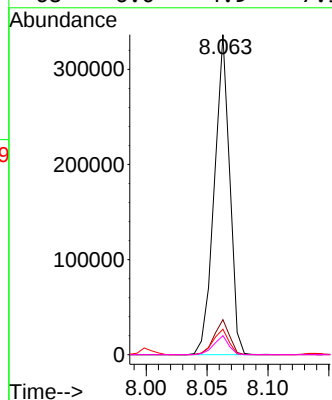
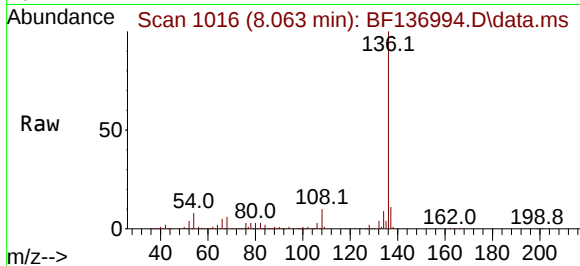


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

Instrument :
BNA_F
ClientSampleId :
PB158263BS

Tgt Ion:136 Resp: 294729

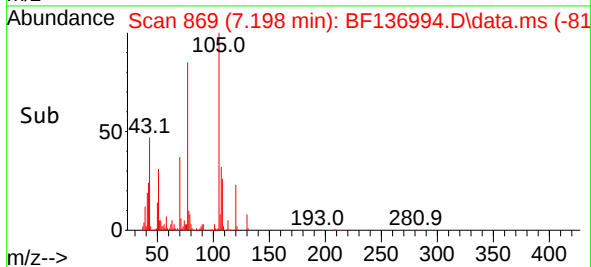
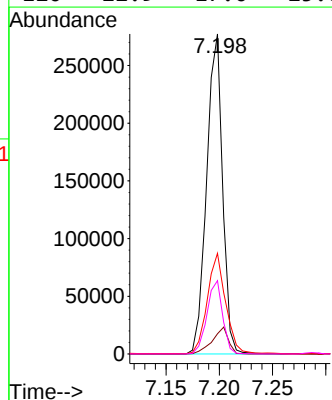
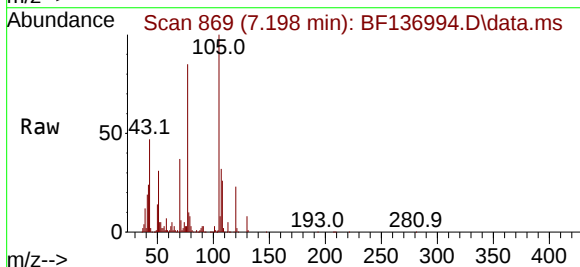
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	8.0	7.2	10.8
68	6.0	4.9	7.3



#22
Acetophenone
Concen: 39.106 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

Tgt Ion:105 Resp: 288890

Ion	Ratio	Lower	Upper
105	100		
71	6.3	4.8	7.2
51	31.4	32.8	49.2
120	22.9	17.0	25.6





#23

Nitrobenzene-d5

Concen: 71.696 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF136994.D

Acq: 08 Jan 2024 13:12

Instrument :

BNA_F

ClientSampleId :

PB158263BS

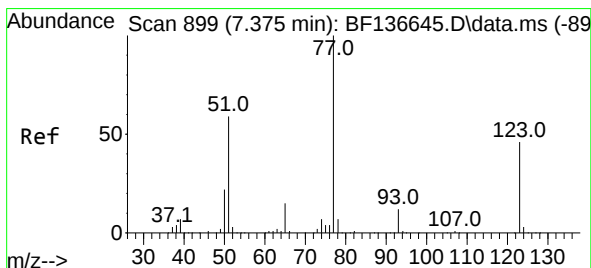
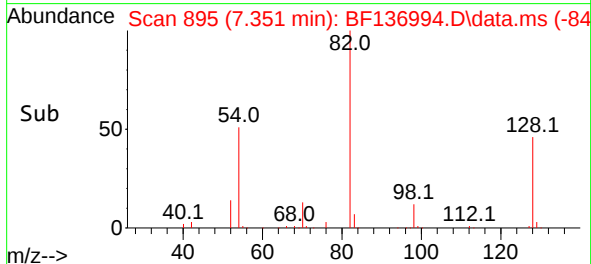
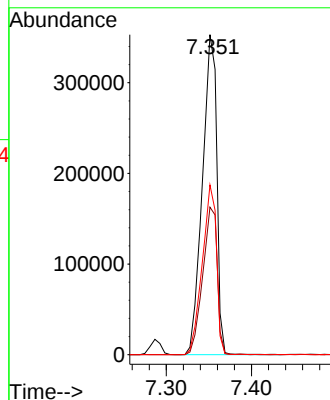
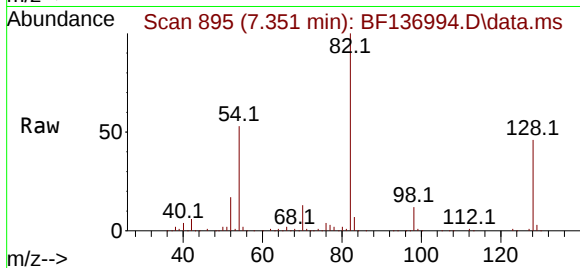
Tgt Ion: 82 Resp: 412948

Ion Ratio Lower Upper

82 100

128 46.1 35.3 52.9

54 53.1 44.5 66.7



#24

Nitrobenzene

Concen: 35.944 ng

RT: 7.369 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF136994.D

Acq: 08 Jan 2024 13:12

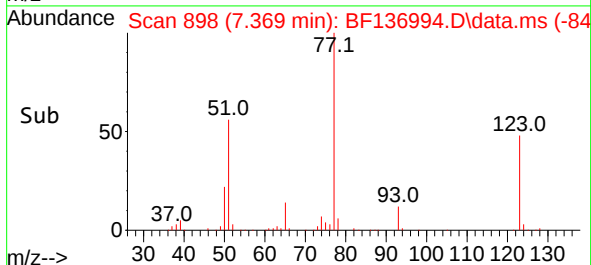
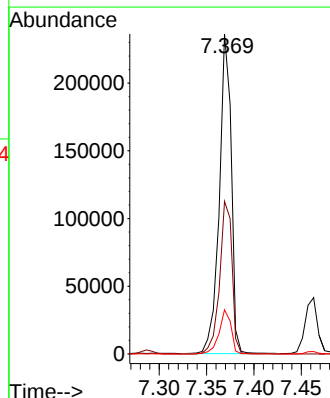
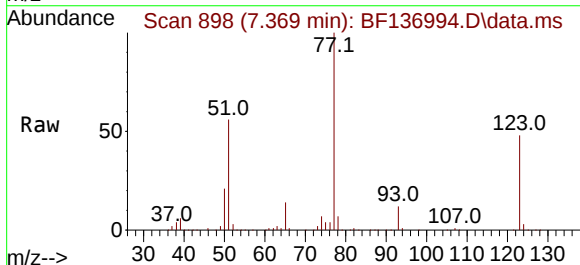
Tgt Ion: 77 Resp: 207385

Ion Ratio Lower Upper

77 100

123 47.7 36.7 55.1

65 13.8 11.8 17.6

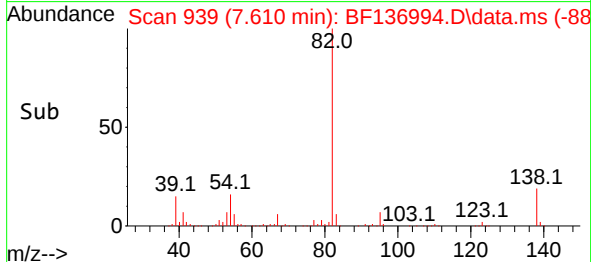
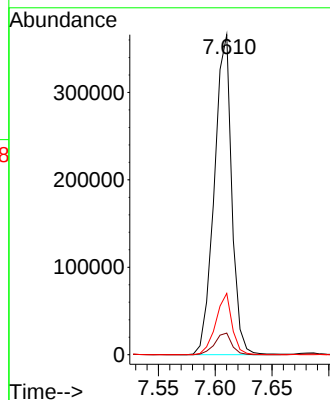
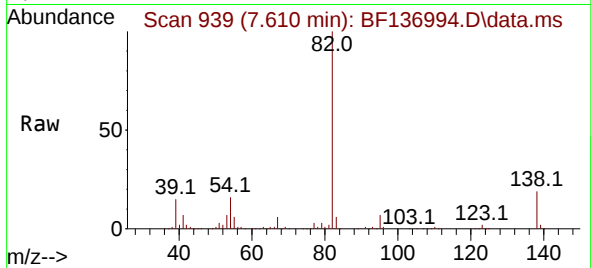




#25
Isophorone
Concen: 37.302 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

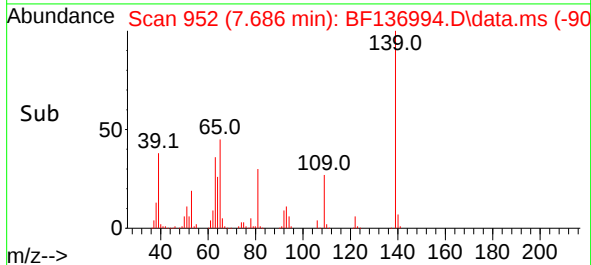
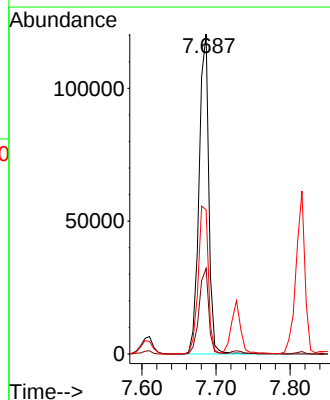
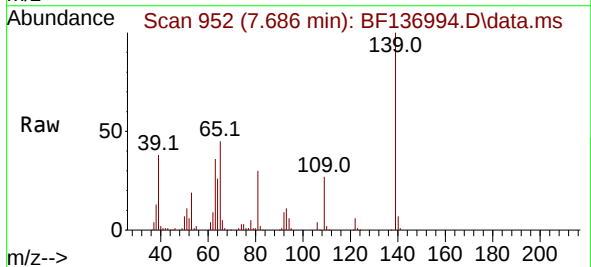
Instrument :
BNA_F
ClientSampleId :
PB158263BS

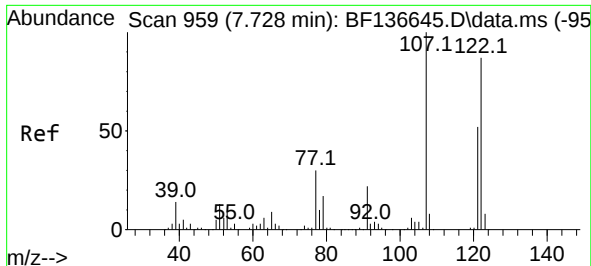
Tgt Ion: 82 Resp: 390939
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 19.1 14.5 21.7



#26
2-Nitrophenol
Concen: 39.664 ng
RT: 7.686 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

Tgt Ion: 139 Resp: 109490
Ion Ratio Lower Upper
139 100
109 26.7 21.9 32.9
65 45.0 38.6 58.0

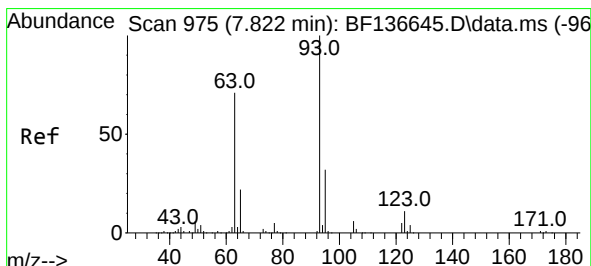
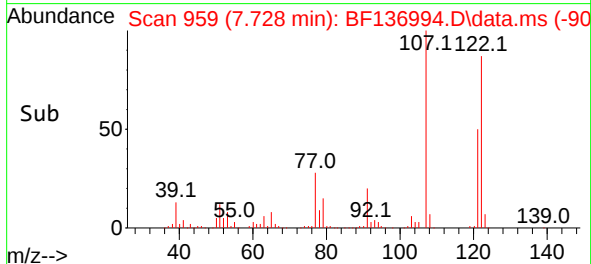
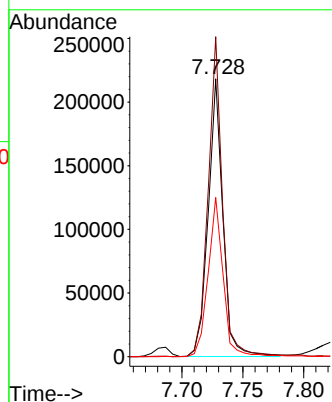
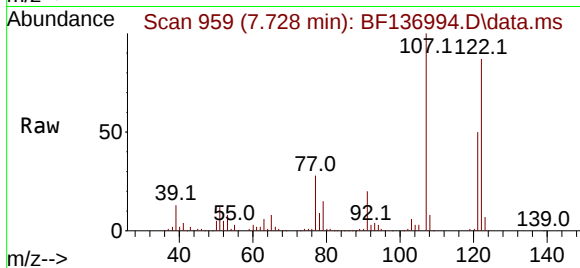




#27
2,4-Dimethylphenol
Concen: 54.560 ng
RT: 7.728 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

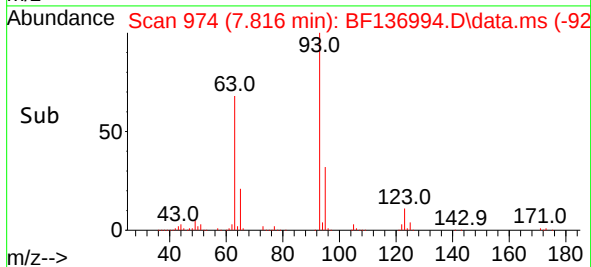
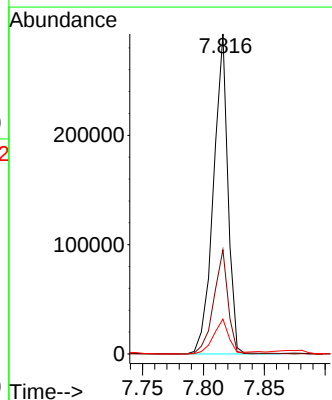
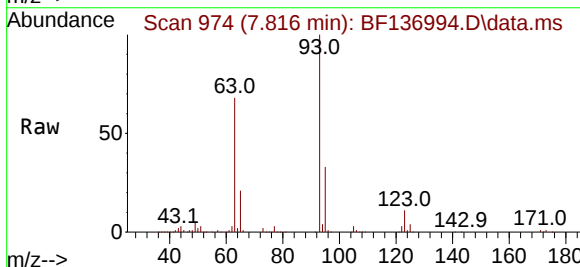
Instrument :
BNA_F
ClientSampleId :
PB158263BS

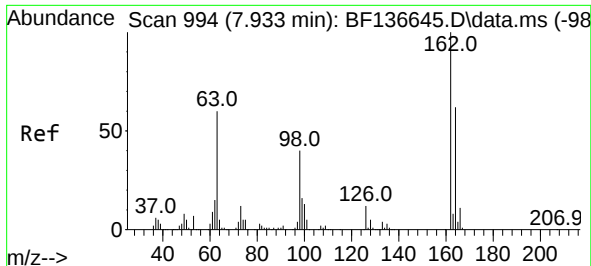
Tgt Ion:122 Resp: 183362
Ion Ratio Lower Upper
122 100
107 115.2 92.0 138.0
121 57.3 47.5 71.3



#28
bis(2-Chloroethoxy)methane
Concen: 38.103 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

Tgt Ion: 93 Resp: 242732
Ion Ratio Lower Upper
93 100
95 32.6 25.5 38.3
123 10.9 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 39.100 ng

RT: 7.934 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF136994.D

Acq: 08 Jan 2024 13:12

Instrument :

BNA_F

ClientSampleId :

PB158263BS

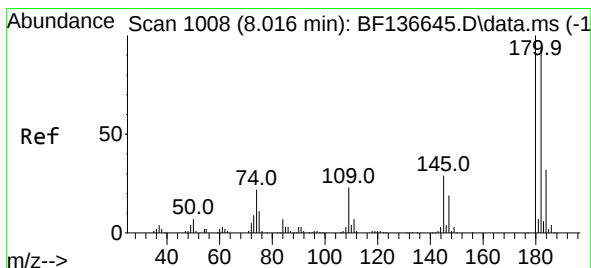
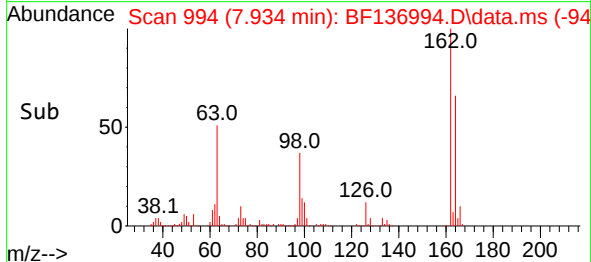
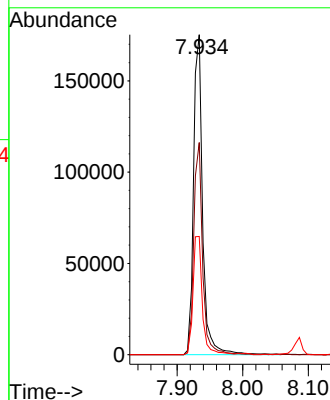
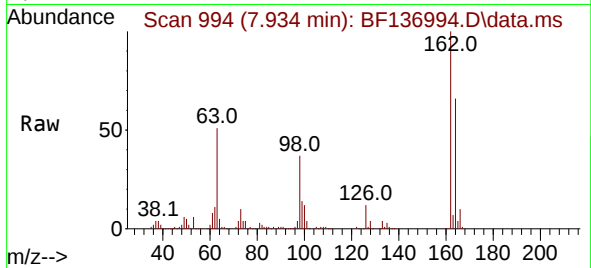
Tgt Ion:162 Resp: 169173

Ion Ratio Lower Upper

162 100

164 66.3 41.7 81.7

98 37.0 19.5 59.5



#30

1,2,4-Trichlorobenzene

Concen: 37.029 ng

RT: 8.004 min Scan# 1006

Delta R.T. -0.012 min

Lab File: BF136994.D

Acq: 08 Jan 2024 13:12

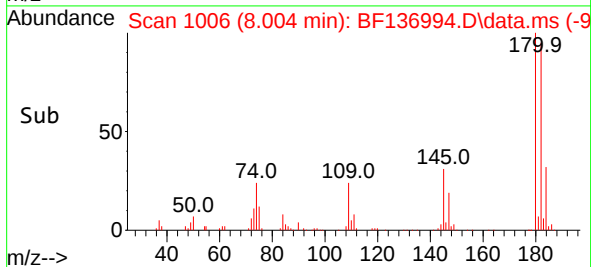
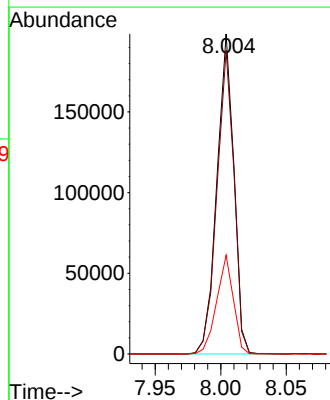
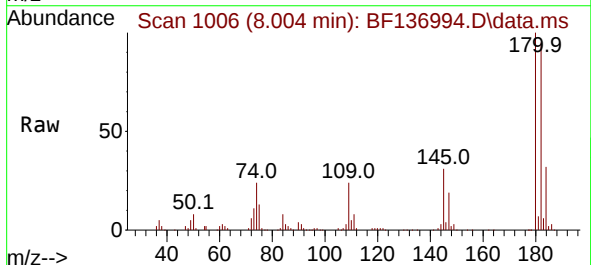
Tgt Ion:180 Resp: 178504

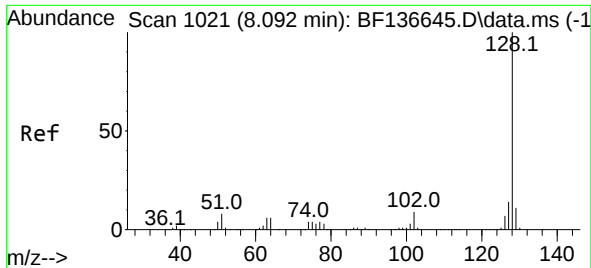
Ion Ratio Lower Upper

180 100

182 94.9 75.4 113.0

145 30.9 23.1 34.7

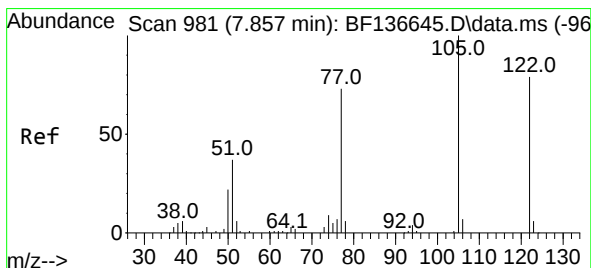
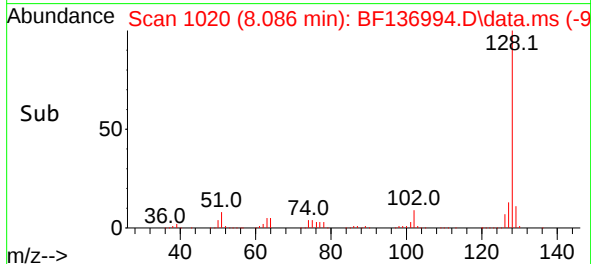
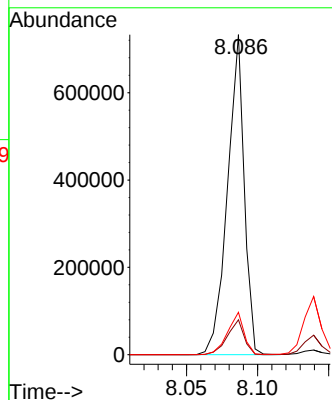
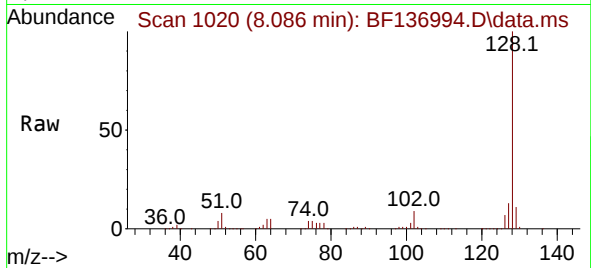




#31
Naphthalene
Concen: 37.195 ng
RT: 8.086 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

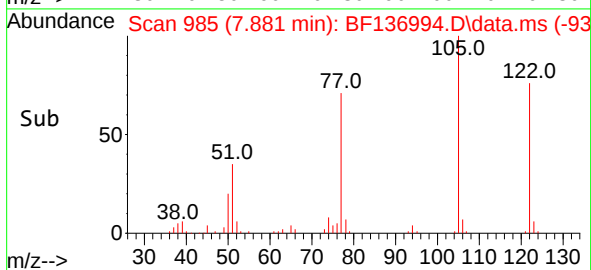
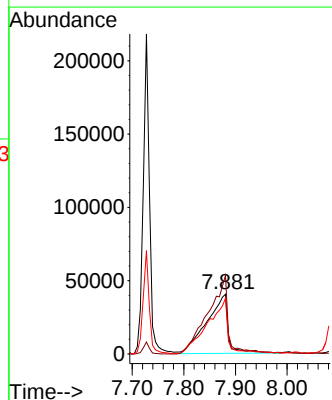
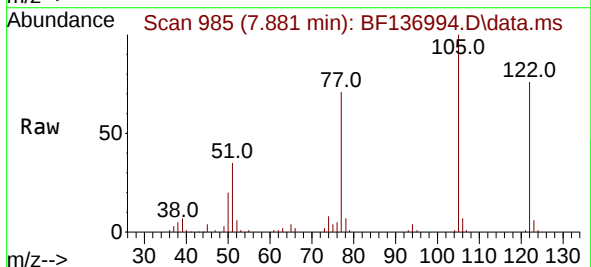
Instrument :
BNA_F
ClientSampleId :
PB158263BS

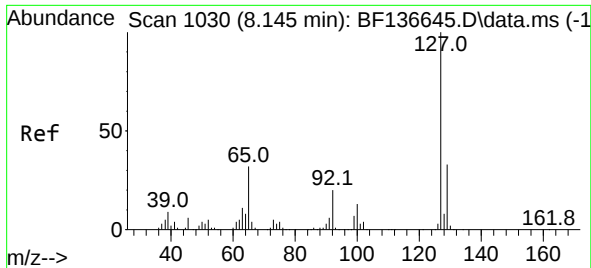
Tgt Ion:128 Resp: 602255
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.3 10.8 16.2



#32
Benzoic acid
Concen: 35.818 ng
RT: 7.881 min Scan# 985
Delta R.T. 0.024 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

Tgt Ion:122 Resp: 116471
Ion Ratio Lower Upper
122 100
105 131.5 100.8 140.8
77 93.4 70.9 110.9

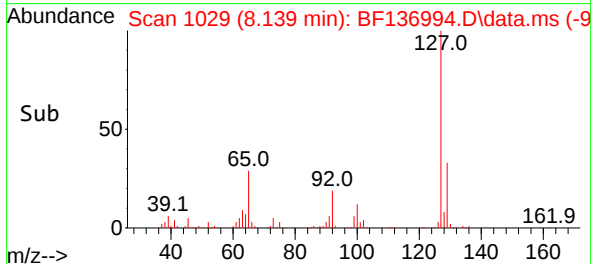
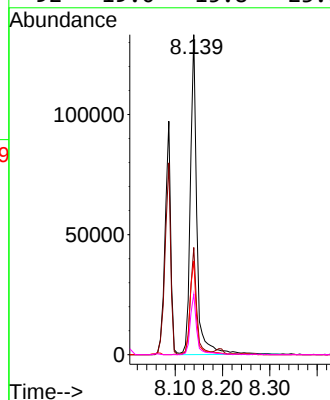
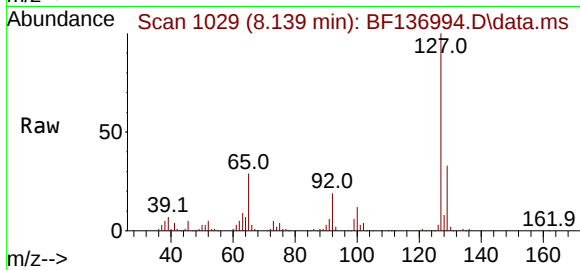




#33
4-Chloroaniline
Concen: 21.362 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

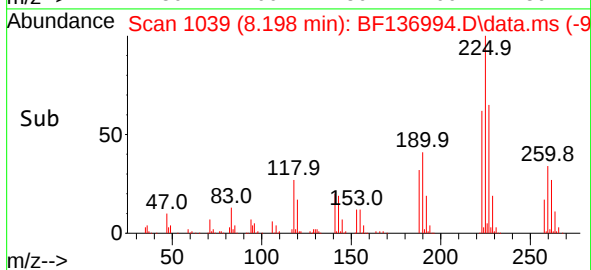
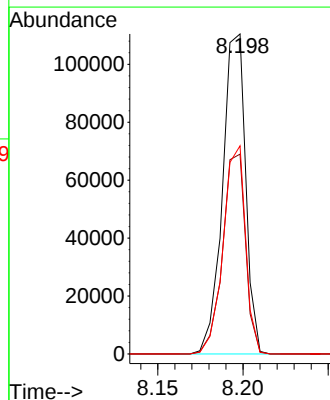
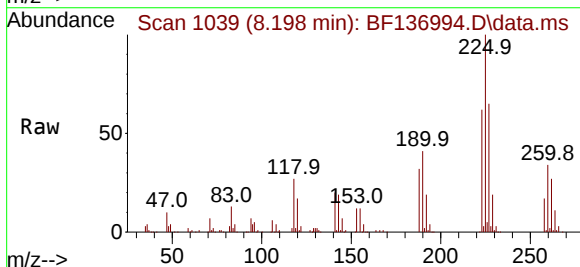
Instrument :
BNA_F
ClientSampleId :
PB158263BS

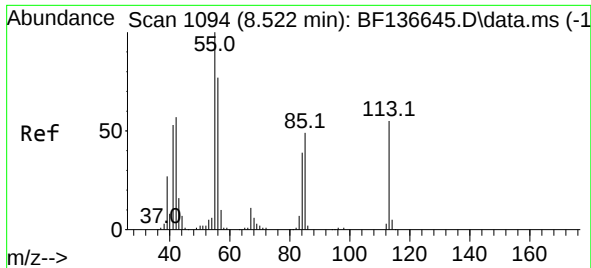
Tgt Ion:	127	Resp:	127707
Ion	Ratio	Lower	Upper
127	100		
129	33.5	26.3	39.5
65	29.3	25.8	38.8
92	19.0	15.8	23.6



#34
Hexachlorobutadiene
Concen: 35.577 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.012 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

Tgt Ion:	225	Resp:	104201
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.6	76.0
227	65.1	51.9	77.9

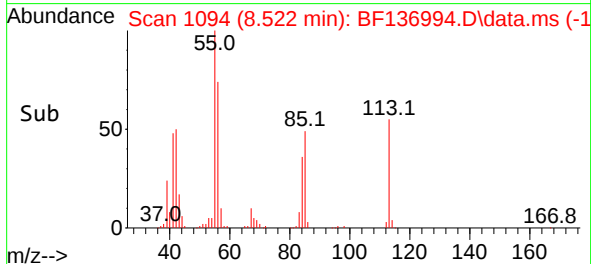
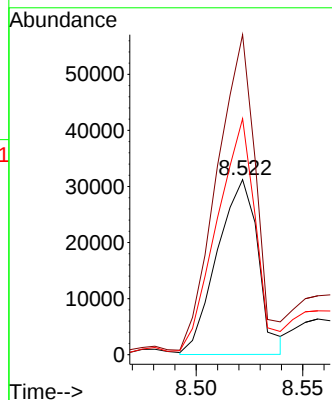
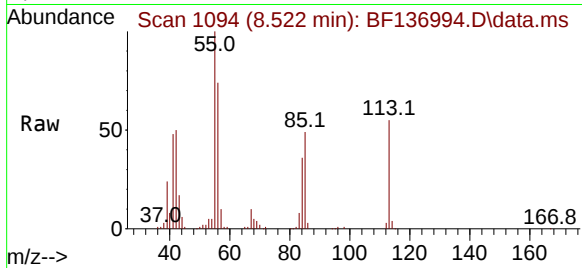




#35
Caprolactam
Concen: 29.313 ng
RT: 8.522 min Scan# 1094
Delta R.T. 0.000 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

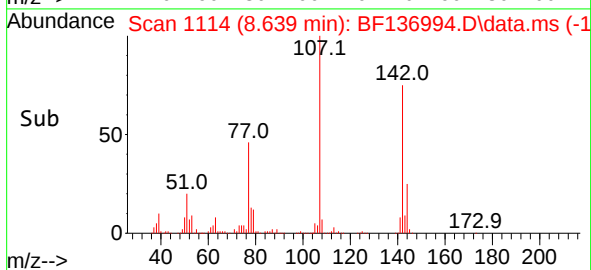
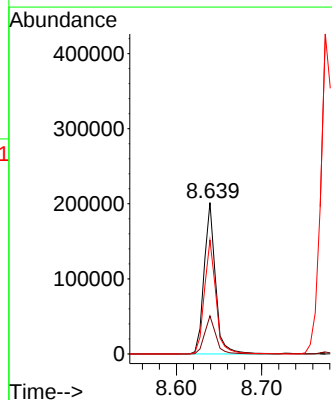
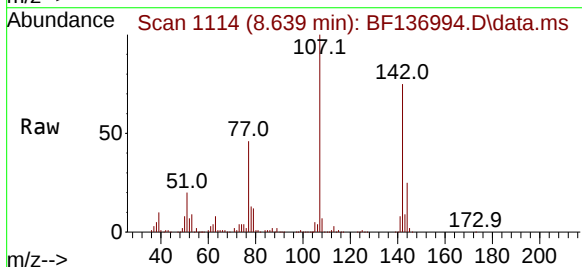
Instrument :
BNA_F
ClientSampleId :
PB158263BS

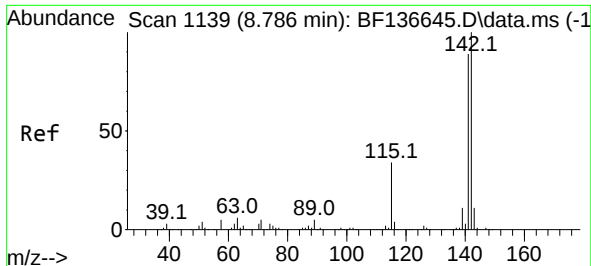
Tgt Ion:113 Resp: 41839
Ion Ratio Lower Upper
113 100
55 182.9 163.1 203.1
56 134.9 121.7 161.7



#36
4-Chloro-3-methylphenol
Concen: 38.366 ng
RT: 8.639 min Scan# 1114
Delta R.T. 0.006 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

Tgt Ion:107 Resp: 186876
Ion Ratio Lower Upper
107 100
144 25.1 20.2 30.2
142 75.2 62.3 93.5





#37

2-Methylnaphthalene

Concen: 37.334 ng

RT: 8.775 min Scan# 1137

Delta R.T. -0.012 min

Lab File: BF136994.D

Acq: 08 Jan 2024 13:12

Instrument :

BNA_F

ClientSampleId :

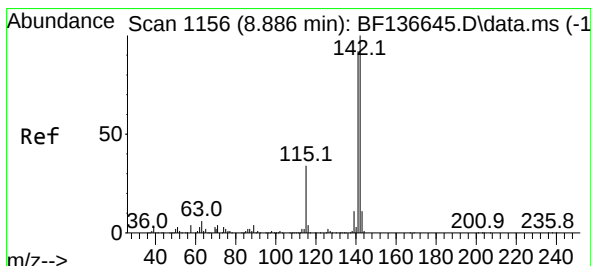
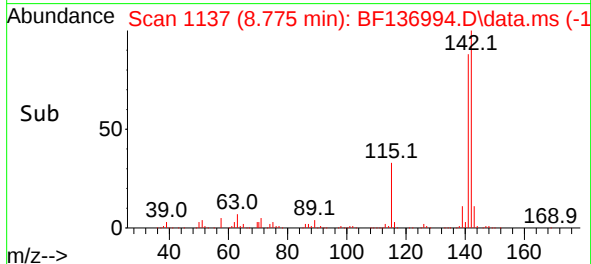
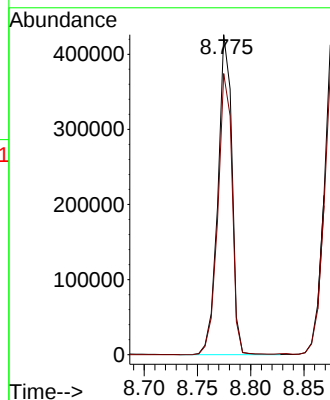
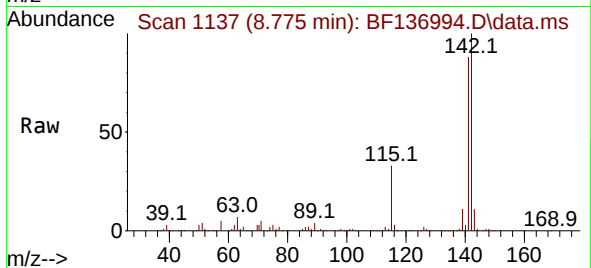
PB158263BS

Tgt Ion:142 Resp: 389034

Ion Ratio Lower Upper

142 100

141 87.8 71.1 106.7



#38

1-Methylnaphthalene

Concen: 35.851 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.012 min

Lab File: BF136994.D

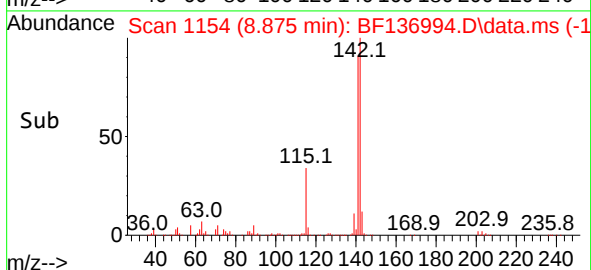
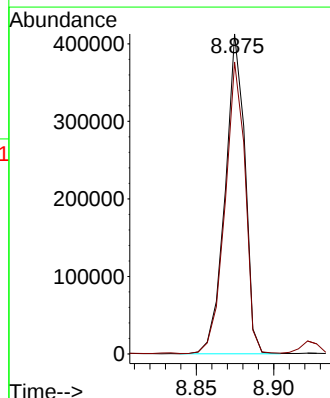
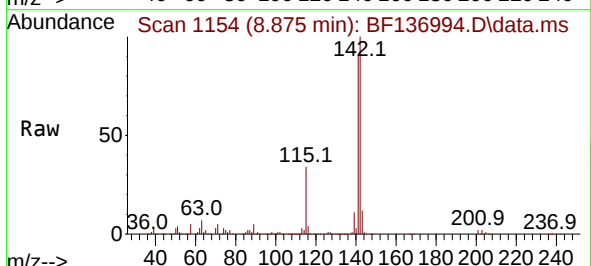
Acq: 08 Jan 2024 13:12

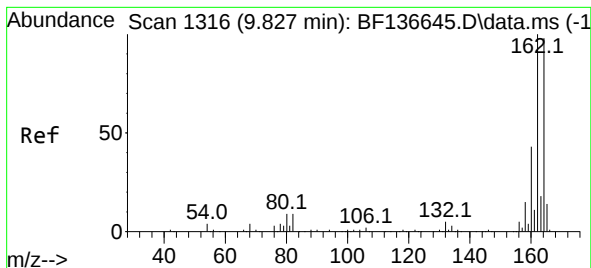
Tgt Ion:142 Resp: 366519

Ion Ratio Lower Upper

142 100

141 91.3 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1115

Delta R.T. -0.006 min

Lab File: BF136994.D

Acq: 08 Jan 2024 13:12

Instrument :

BNA_F

ClientSampleId :

PB158263BS

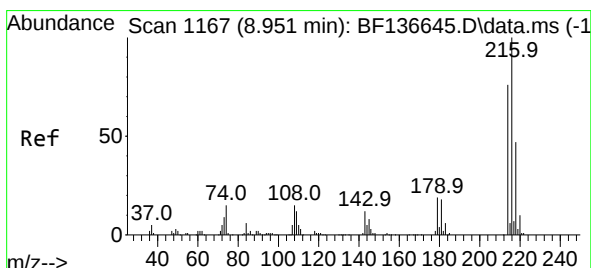
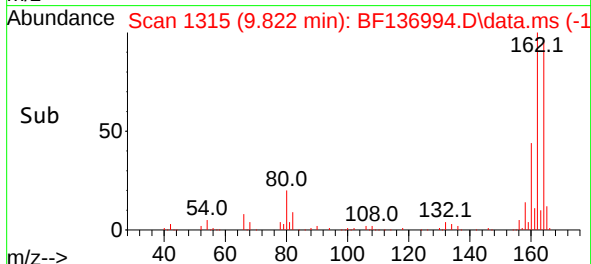
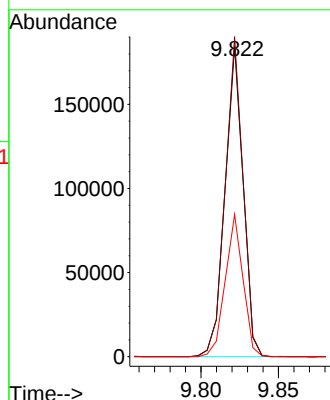
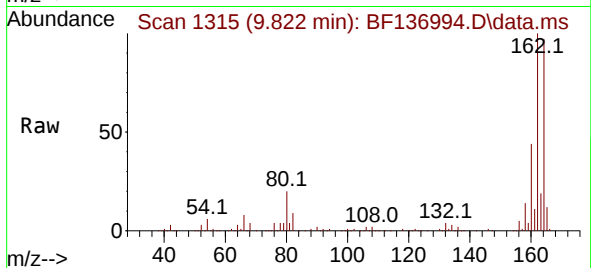
Tgt Ion:164 Resp: 150099

Ion Ratio Lower Upper

164 100

162 103.1 81.6 122.4

160 45.8 34.9 52.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.798 ng

RT: 8.945 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF136994.D

Acq: 08 Jan 2024 13:12

Tgt Ion:216 Resp: 185001

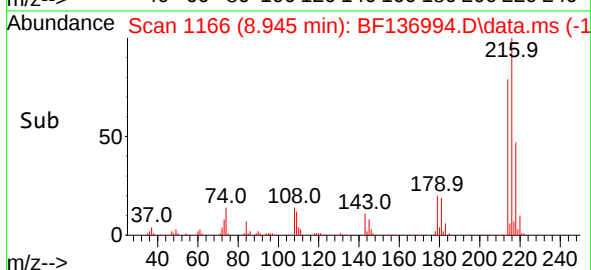
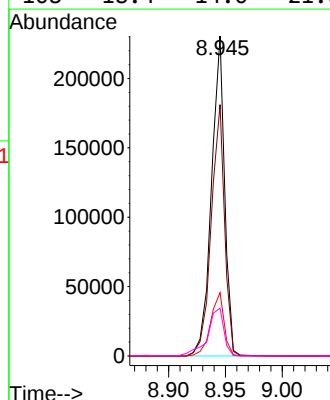
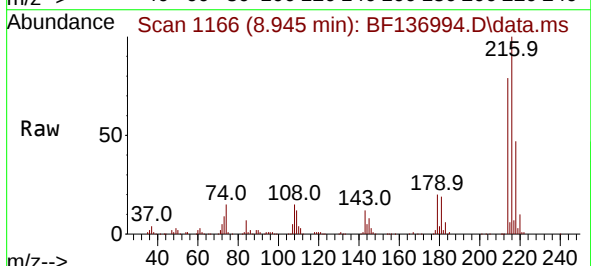
Ion Ratio Lower Upper

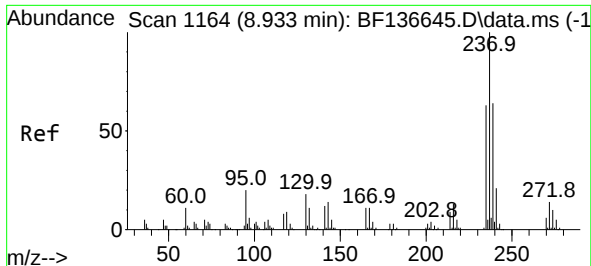
216 100

214 80.0 62.3 93.5

179 20.2 16.4 24.6

108 18.4 14.0 21.0

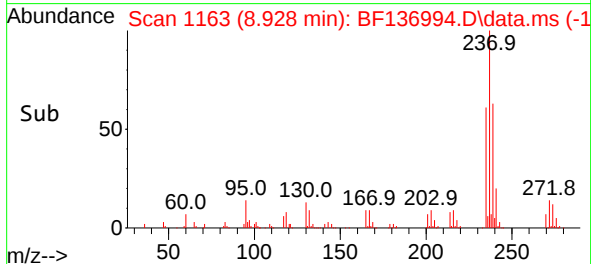
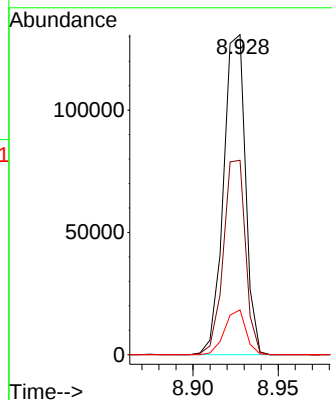
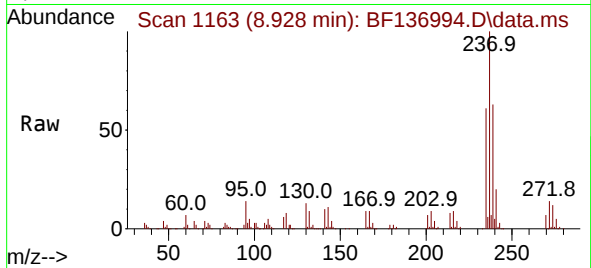




#41
Hexachlorocyclopentadiene
Concen: 79.476 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

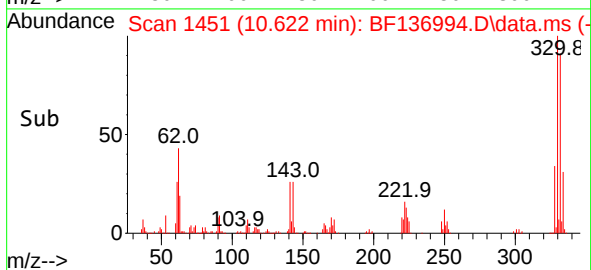
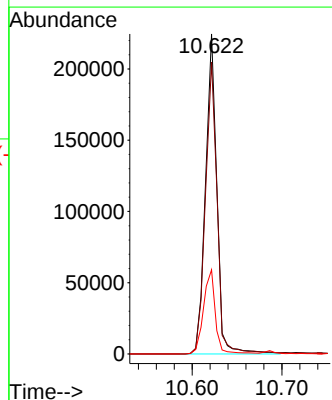
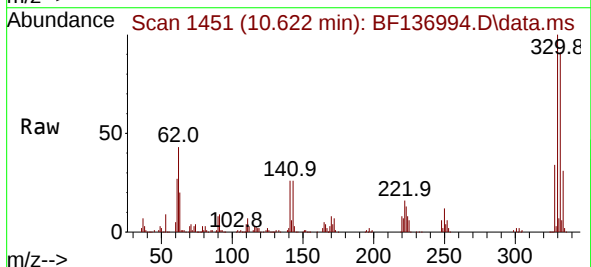
Instrument :
BNA_F
ClientSampleId :
PB158263BS

Tgt Ion:237 Resp: 117745
Ion Ratio Lower Upper
237 100
235 60.8 43.2 83.2
272 14.0 0.0 34.2



#42
2,4,6-Tribromophenol
Concen: 111.865 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

Tgt Ion:330 Resp: 197750
Ion Ratio Lower Upper
330 100
332 94.3 77.4 116.0
141 27.5 23.4 35.2

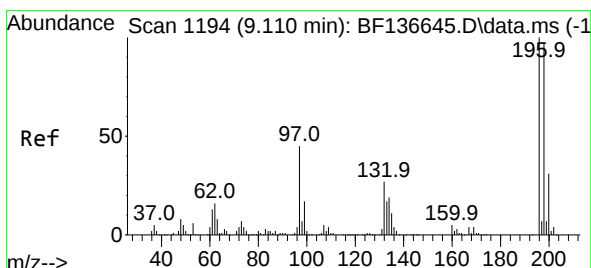
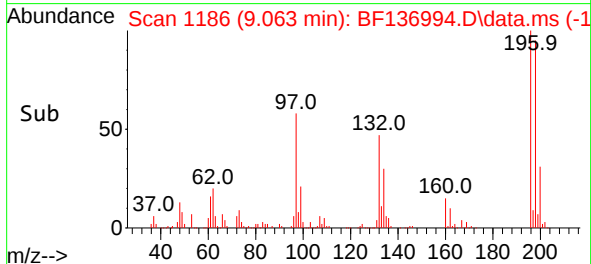
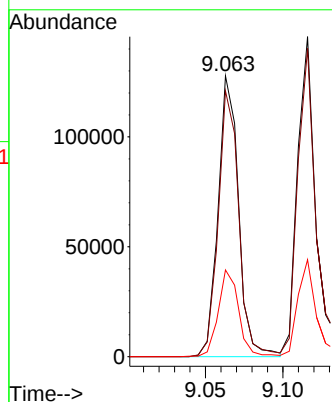
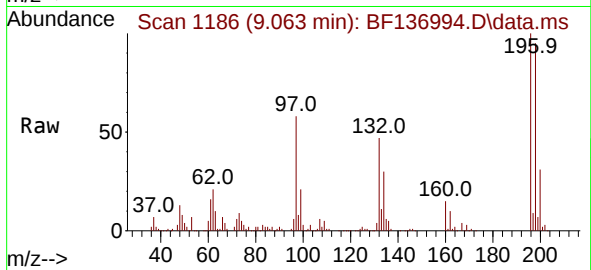




#43
2,4,6-Trichlorophenol
Concen: 39.329 ng
RT: 9.063 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

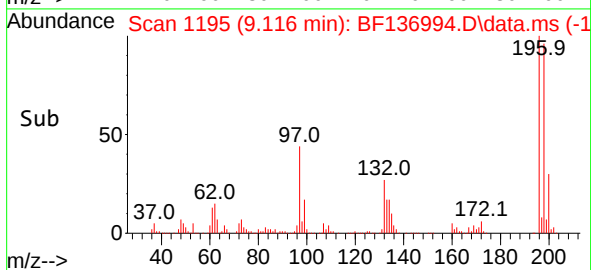
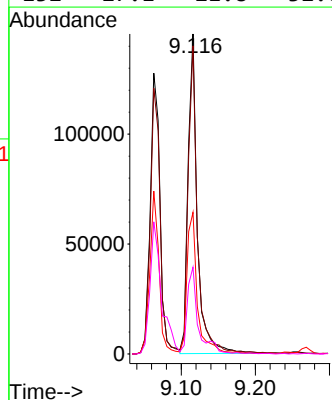
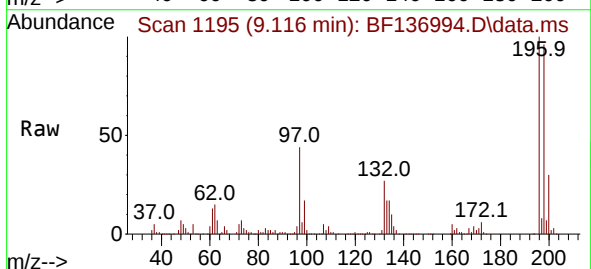
Instrument :
BNA_F
ClientSampleId :
PB158263BS

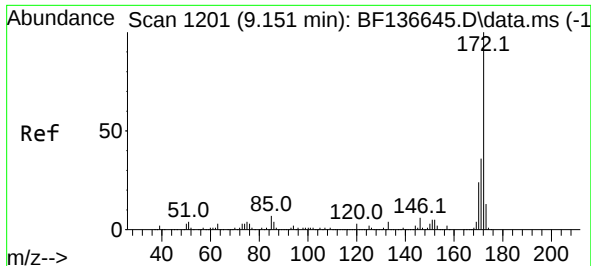
Tgt Ion:196 Resp: 117245
Ion Ratio Lower Upper
196 100
198 94.6 75.1 112.7
200 30.9 22.5 33.7



#44
2,4,5-Trichlorophenol
Concen: 38.216 ng
RT: 9.116 min Scan# 1195
Delta R.T. 0.006 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

Tgt Ion:196 Resp: 126958
Ion Ratio Lower Upper
196 100
198 96.3 77.0 115.6
97 44.2 36.1 54.1
132 27.1 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 75.105 ng

RT: 9.145 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136994.D

Acq: 08 Jan 2024 13:12

Instrument :

BNA_F

ClientSampleId :

PB158263BS

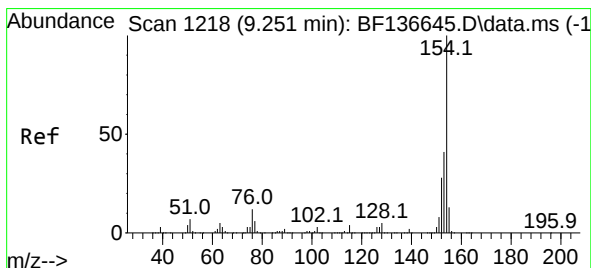
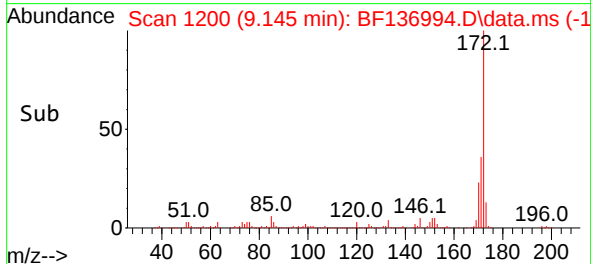
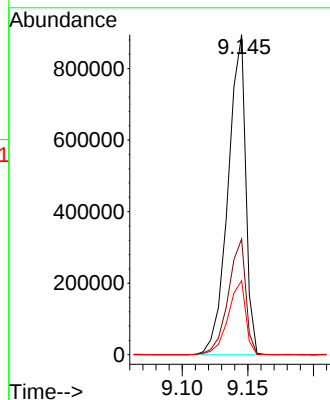
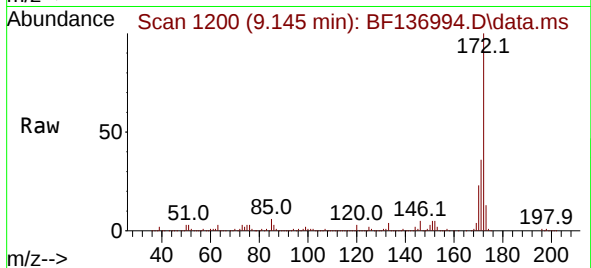
Tgt Ion:172 Resp: 838168

Ion Ratio Lower Upper

172 100

171 36.2 29.0 43.6

170 23.1 19.0 28.4



#46

1,1'-Biphenyl

Concen: 39.398 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF136994.D

Acq: 08 Jan 2024 13:12

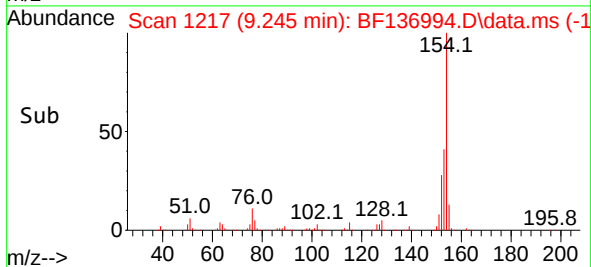
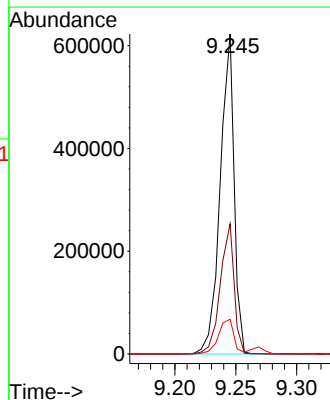
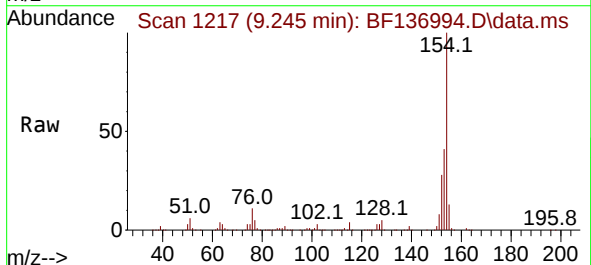
Tgt Ion:154 Resp: 496239

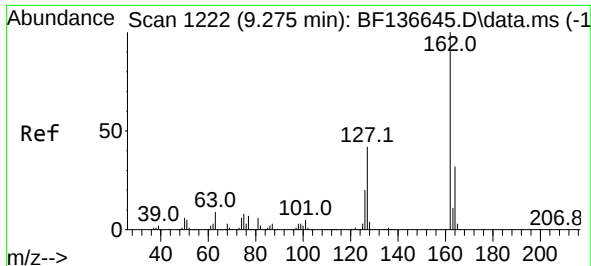
Ion Ratio Lower Upper

154 100

153 40.7 21.1 61.1

76 10.9 0.0 31.7





#47

2-Chloronaphthalene

Concen: 38.135 ng

RT: 9.269 min Scan# 1221

Delta R.T. -0.006 min

Lab File: BF136994.D

Acq: 08 Jan 2024 13:12

Instrument :

BNA_F

ClientSampleId :

PB158263BS

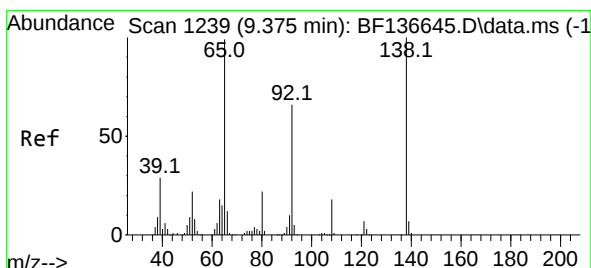
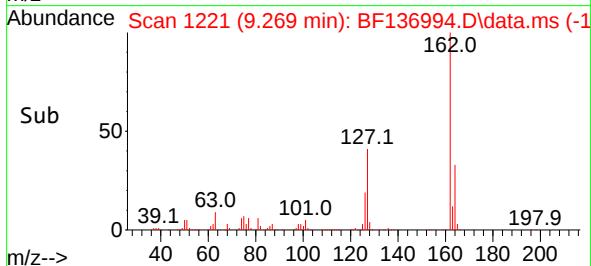
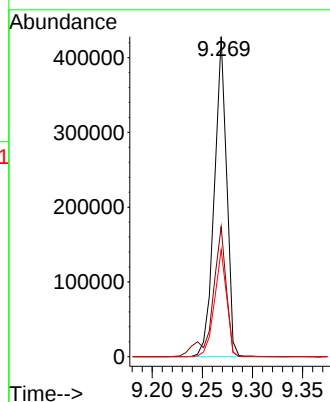
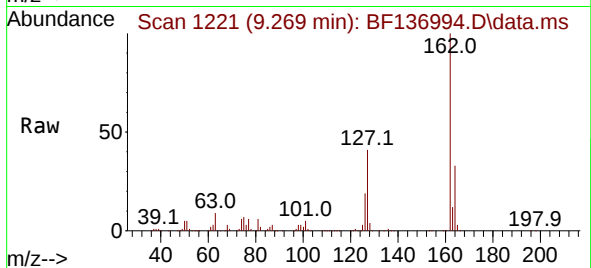
Tgt Ion:162 Resp: 365158

Ion Ratio Lower Upper

162 100

127 40.6 33.6 50.4

164 33.4 25.7 38.5



#48

2-Nitroaniline

Concen: 38.427 ng

RT: 9.375 min Scan# 1239

Delta R.T. 0.000 min

Lab File: BF136994.D

Acq: 08 Jan 2024 13:12

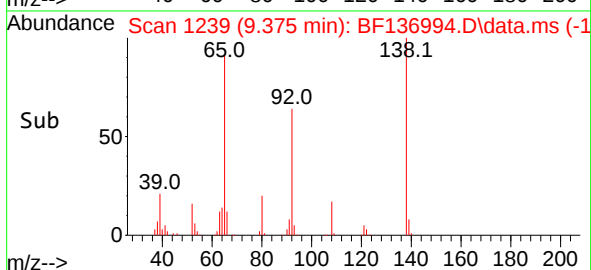
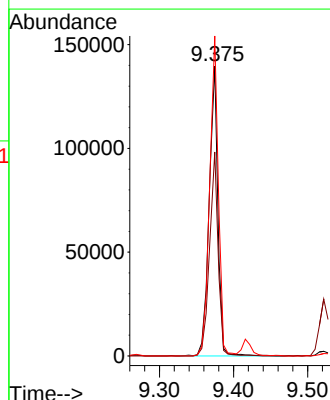
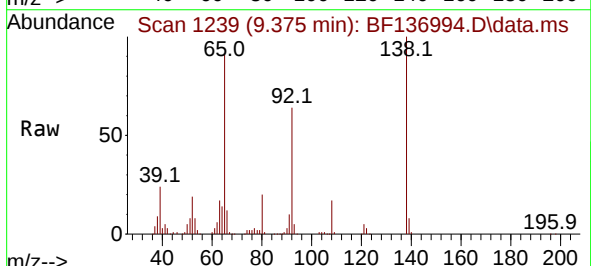
Tgt Ion: 65 Resp: 115225

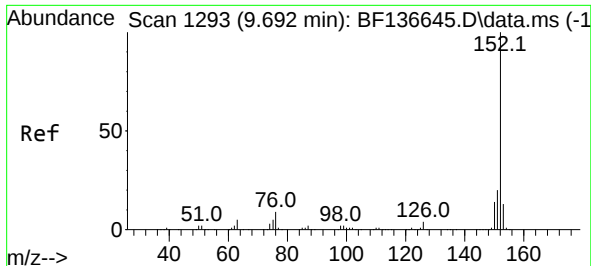
Ion Ratio Lower Upper

65 100

92 70.4 53.2 79.8

138 110.4 81.1 121.7





#49

Acenaphthylene

Concen: 39.928 ng

RT: 9.686 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136994.D

Acq: 08 Jan 2024 13:12

Instrument :

BNA_F

ClientSampleId :

PB158263BS

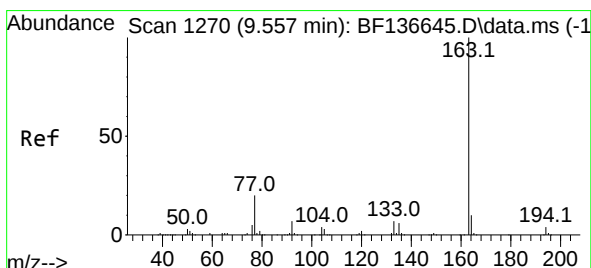
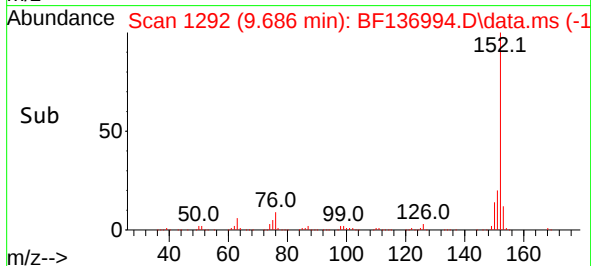
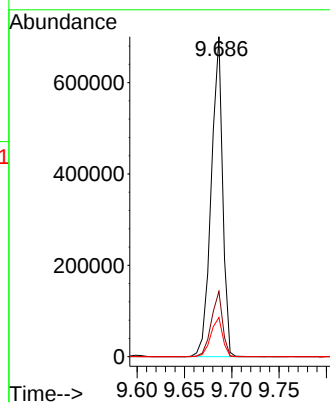
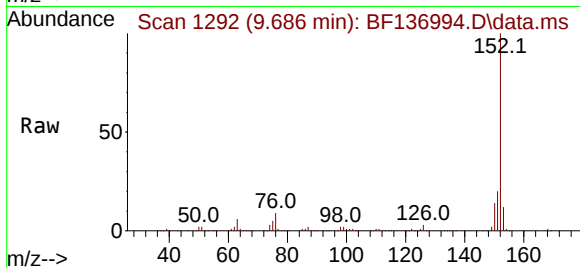
Tgt Ion:152 Resp: 584378

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.4

153 12.2 10.2 15.2



#50

Dimethylphthalate

Concen: 39.959 ng

RT: 9.551 min Scan# 1269

Delta R.T. -0.006 min

Lab File: BF136994.D

Acq: 08 Jan 2024 13:12

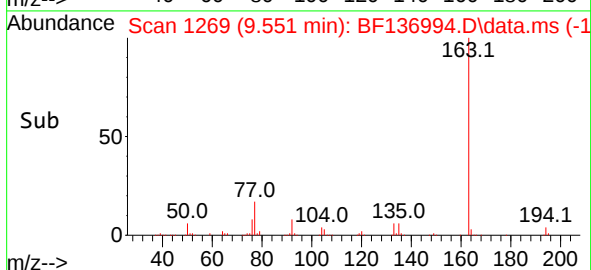
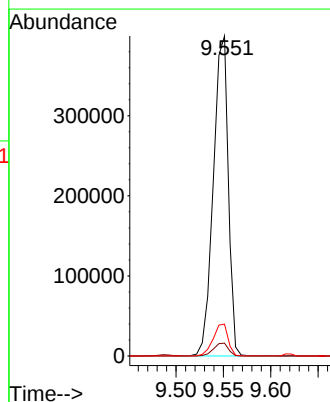
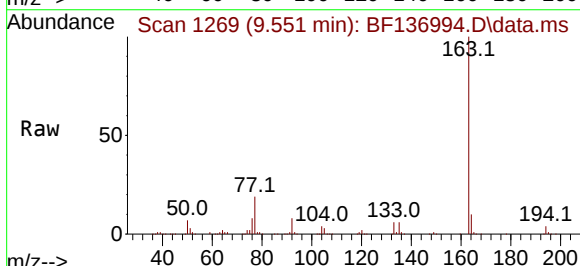
Tgt Ion:163 Resp: 438091

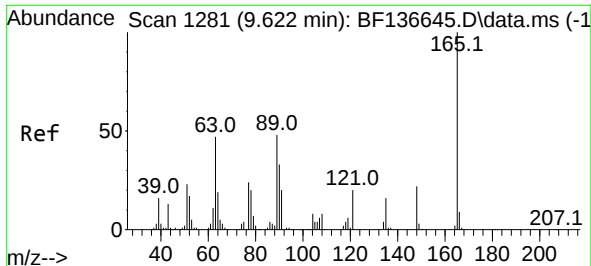
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 9.9 7.8 11.6





#51

2,6-Dinitrotoluene

Concen: 38.885 ng

RT: 9.616 min Scan# 1280

Delta R.T. -0.006 min

Lab File: BF136994.D

Acq: 08 Jan 2024 13:12

Instrument :

BNA_F

ClientSampleId :

PB158263BS

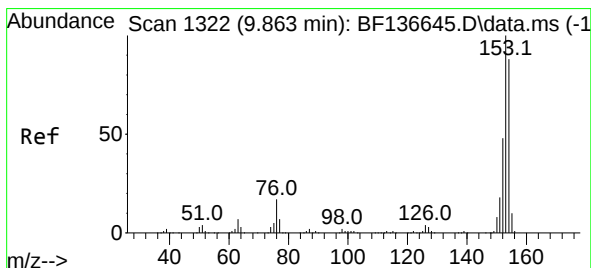
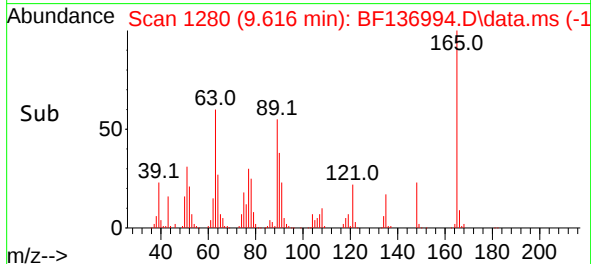
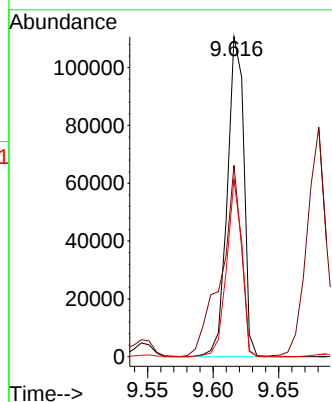
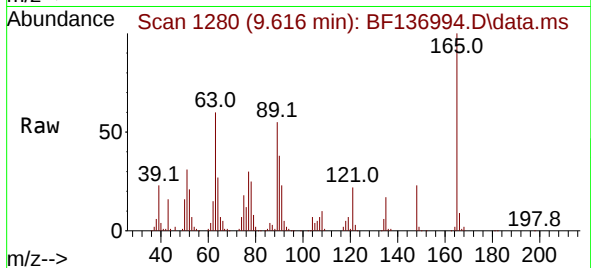
Tgt Ion:165 Resp: 96754

Ion Ratio Lower Upper

165 100

63 59.8 39.8 59.6#

89 55.5 38.8 58.2



#52

Acenaphthene

Concen: 39.341 ng

RT: 9.857 min Scan# 1321

Delta R.T. -0.006 min

Lab File: BF136994.D

Acq: 08 Jan 2024 13:12

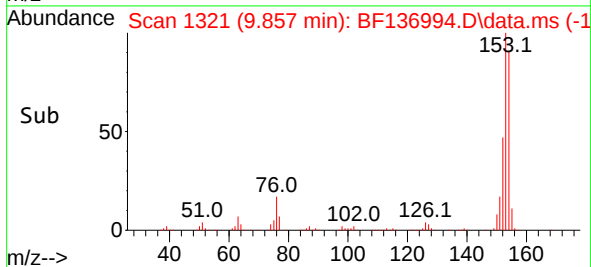
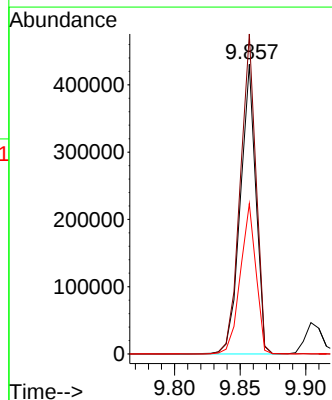
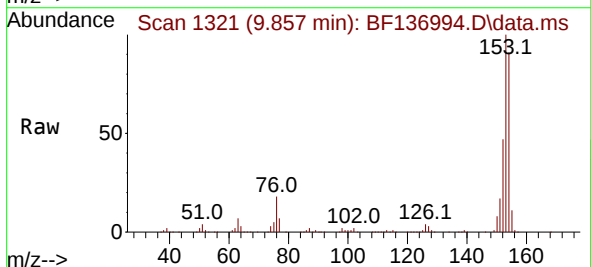
Tgt Ion:154 Resp: 356921

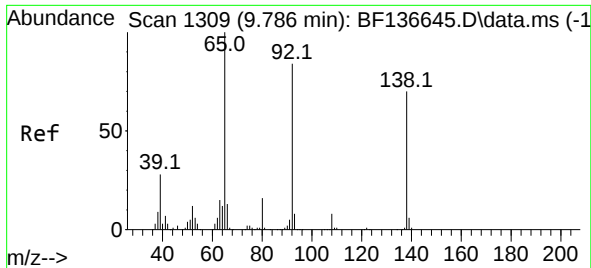
Ion Ratio Lower Upper

154 100

153 110.5 90.7 136.1

152 51.9 43.7 65.5

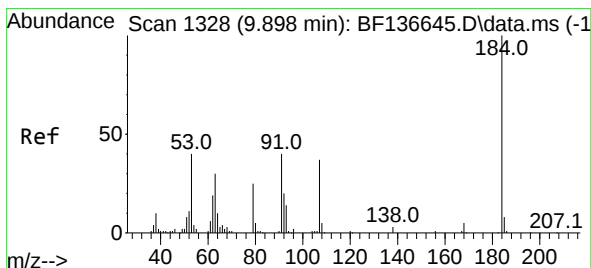
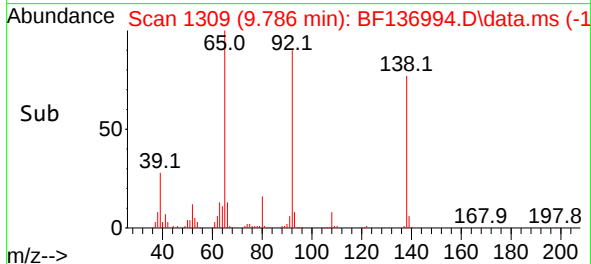
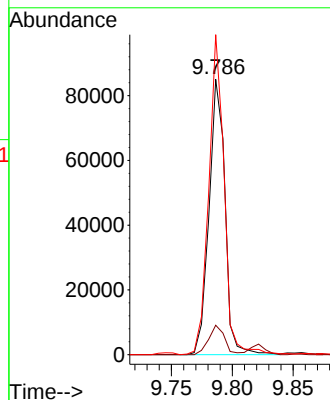
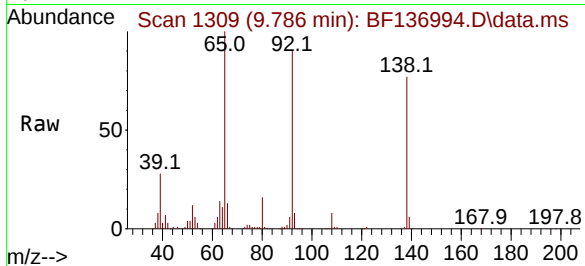




#53
3-Nitroaniline
Concen: 29.400 ng
RT: 9.786 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

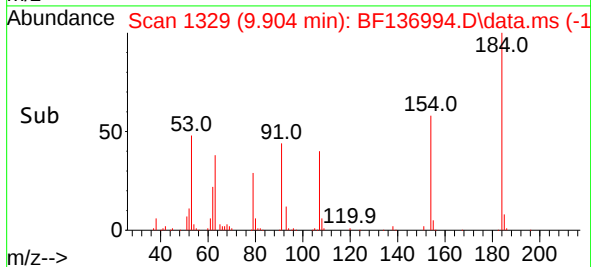
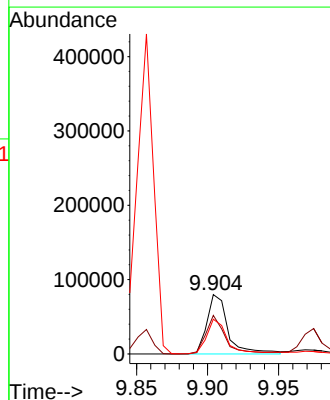
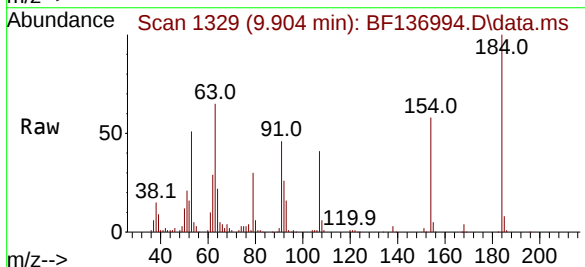
Instrument :
BNA_F
ClientSampleId :
PB158263BS

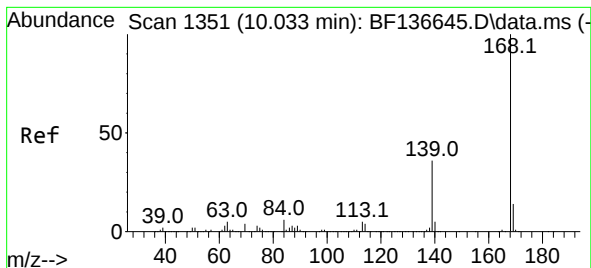
Tgt Ion:138 Resp: 77491
Ion Ratio Lower Upper
138 100
108 10.7 8.6 12.8
92 116.2 95.2 142.8



#54
2,4-Dinitrophenol
Concen: 61.217 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

Tgt Ion:184 Resp: 83151
Ion Ratio Lower Upper
184 100
63 65.0 40.9 61.3#
154 58.5 42.7 64.1





#55

Dibenzenofuran

Concen: 38.316 ng

RT: 10.033 min Scan# 1351

Delta R.T. 0.000 min

Lab File: BF136994.D

Acq: 08 Jan 2024 13:12

Instrument :

BNA_F

ClientSampleId :

PB158263BS

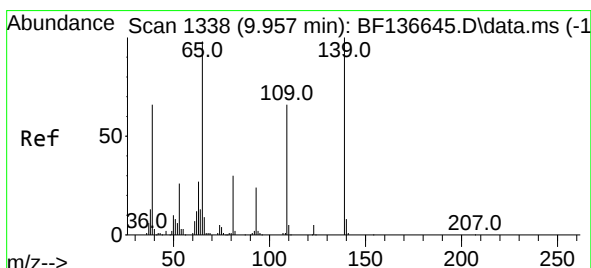
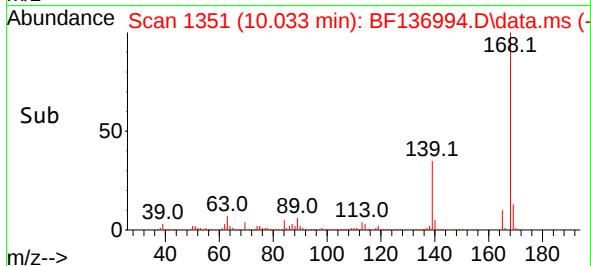
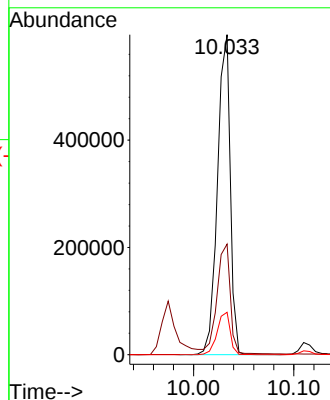
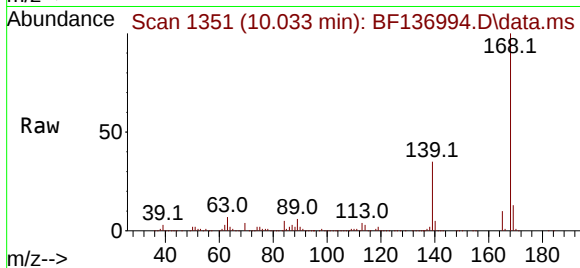
Tgt Ion:168 Resp: 526943

Ion Ratio Lower Upper

168 100

139 34.6 29.3 43.9

169 13.2 11.0 16.4



#56

4-Nitrophenol

Concen: 59.527 ng

RT: 9.975 min Scan# 1341

Delta R.T. 0.018 min

Lab File: BF136994.D

Acq: 08 Jan 2024 13:12

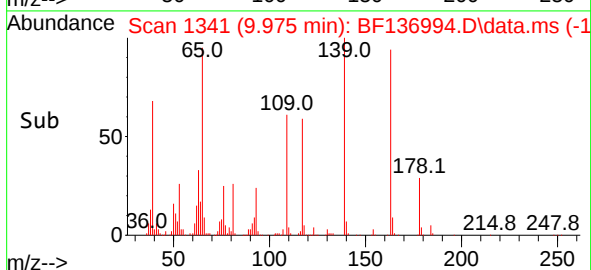
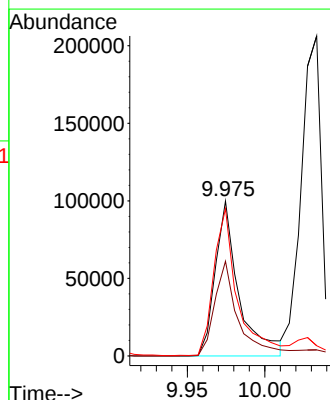
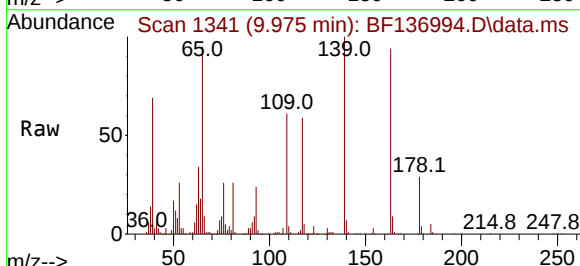
Tgt Ion:139 Resp: 105918

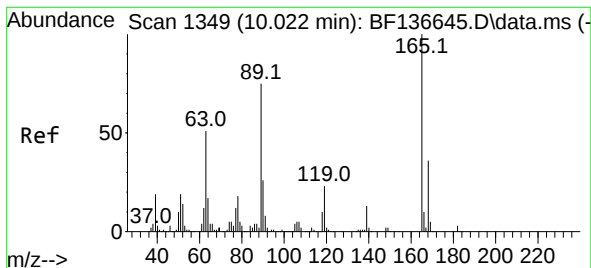
Ion Ratio Lower Upper

139 100

109 61.2 45.8 85.8

65 95.2 77.8 117.8

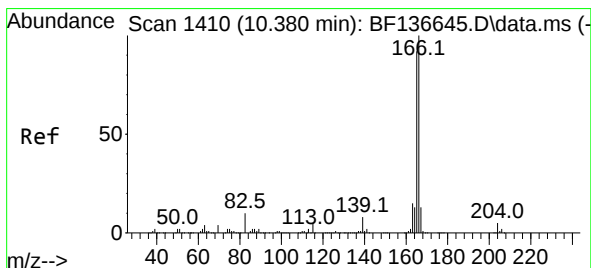
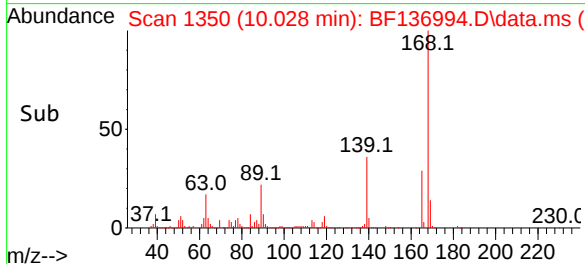
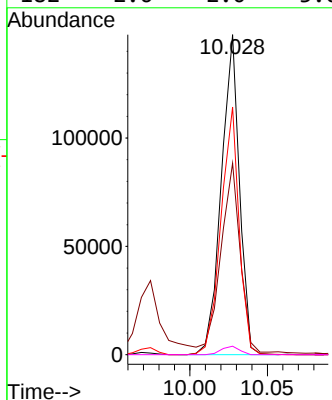
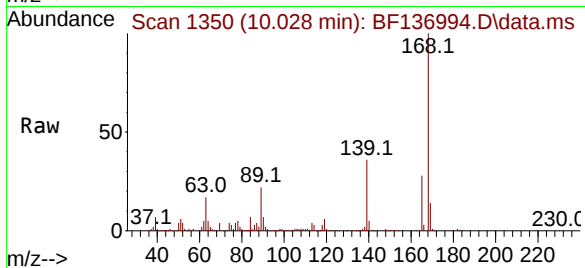




#57
2,4-Dinitrotoluene
Concen: 37.235 ng
RT: 10.028 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

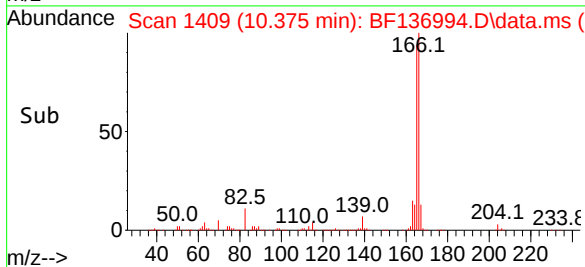
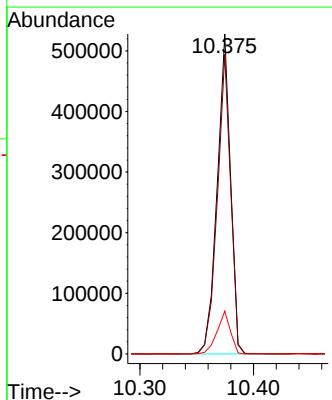
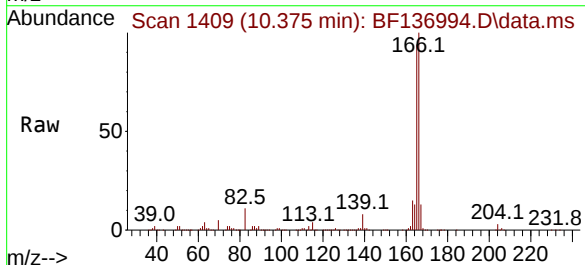
Instrument :
BNA_F
ClientSampleId :
PB158263BS

Tgt Ion:165 Resp: 120274
Ion Ratio Lower Upper
165 100
63 59.8 41.0 61.6
89 77.4 59.9 89.9
182 2.6 2.0 3.0



#58
Fluorene
Concen: 39.651 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

Tgt Ion:166 Resp: 432679
Ion Ratio Lower Upper
166 100
165 93.6 73.7 110.5
167 13.4 10.4 15.6

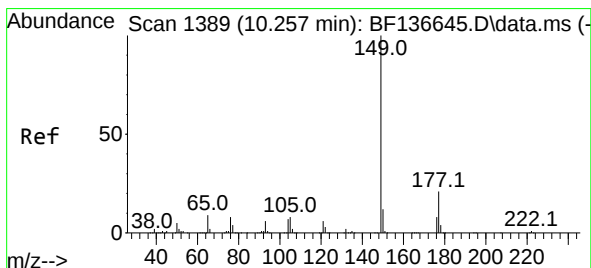
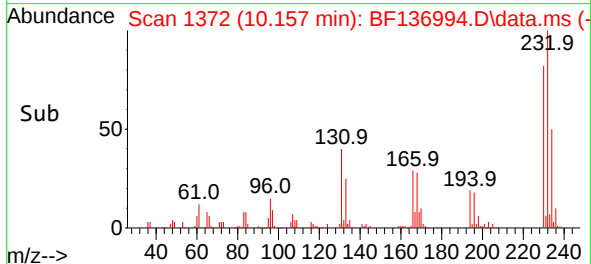
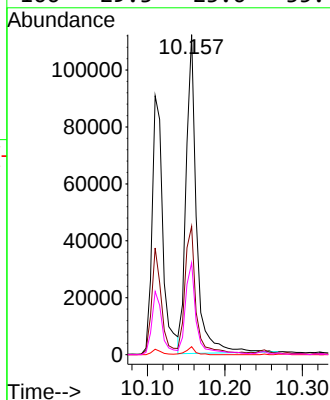
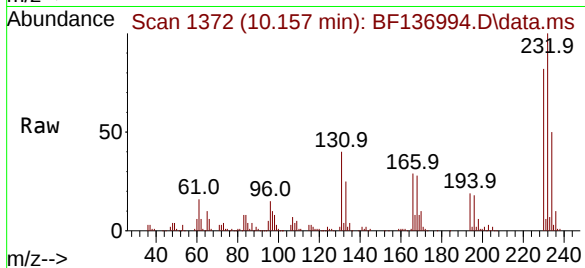




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.768 ng
RT: 10.157 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

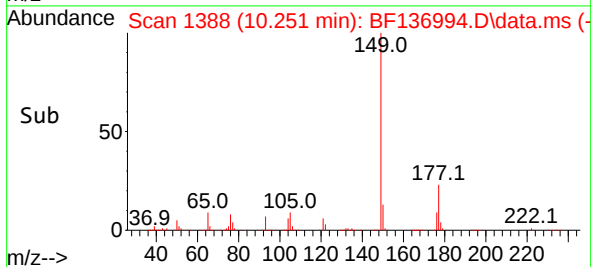
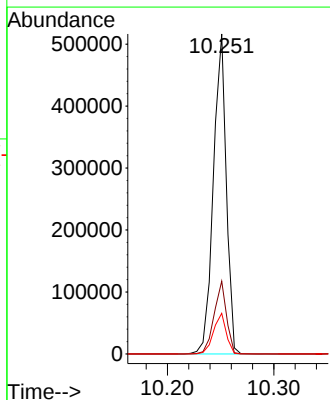
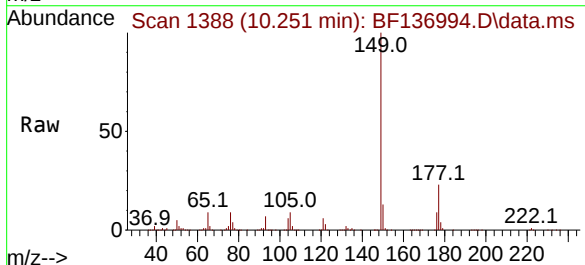
Instrument :
BNA_F
ClientSampleId :
PB158263BS

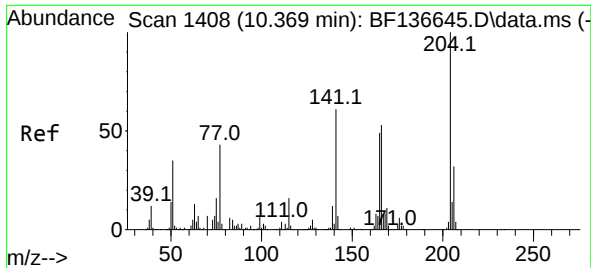
Tgt Ion:232 Resp: 104254
Ion Ratio Lower Upper
232 100
131 40.7 35.1 52.7
130 2.2 1.6 2.4
166 29.3 23.6 35.4



#60
Diethylphthalate
Concen: 38.285 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

Tgt Ion:149 Resp: 435513
Ion Ratio Lower Upper
149 100
177 22.7 16.9 25.3
150 12.7 9.3 13.9

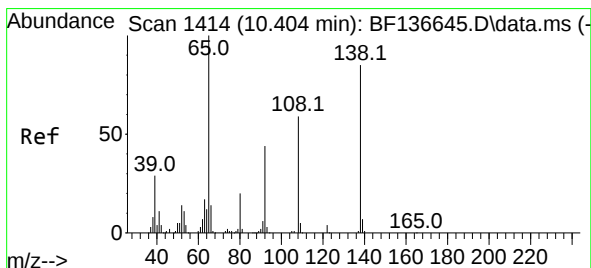
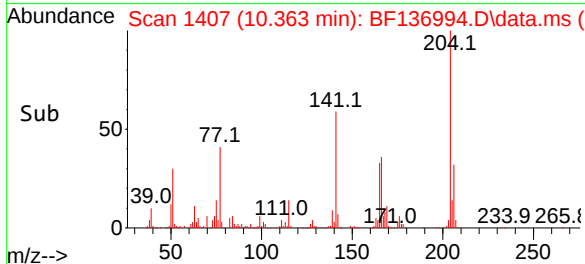
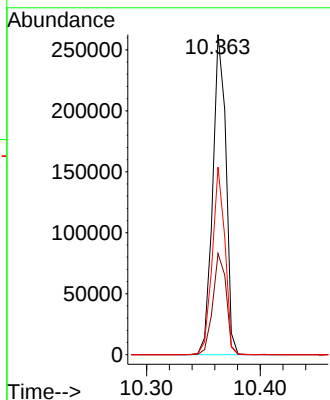
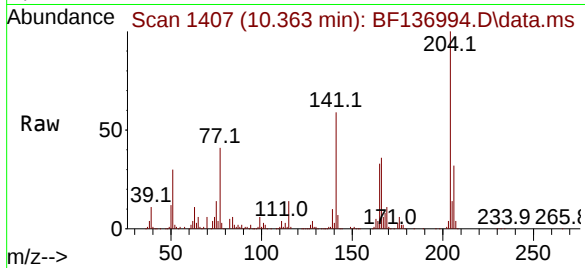




#61
4-Chlorophenyl-phenylether
Concen: 39.939 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

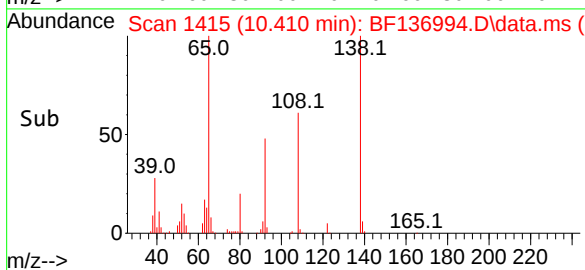
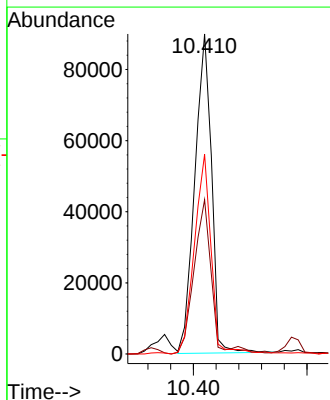
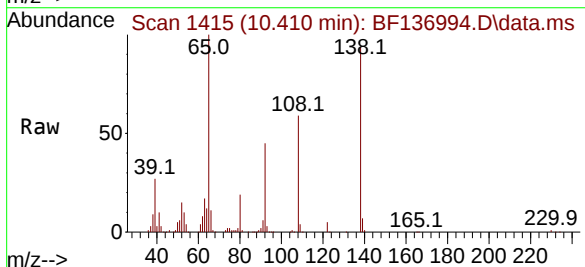
Instrument :
BNA_F
ClientSampleId :
PB158263BS

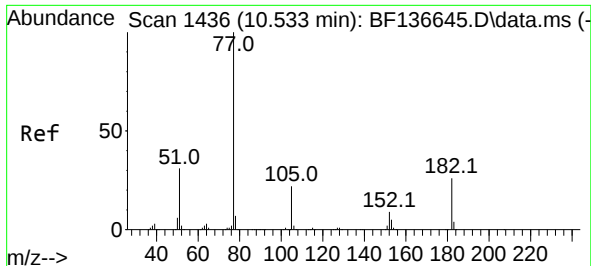
Tgt Ion:204 Resp: 211837
Ion Ratio Lower Upper
204 100
206 31.6 25.6 38.4
141 58.6 48.4 72.6



#62
4-Nitroaniline
Concen: 36.025 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

Tgt Ion:138 Resp: 91538
Ion Ratio Lower Upper
138 100
92 48.2 32.1 72.1
108 62.4 50.1 90.1

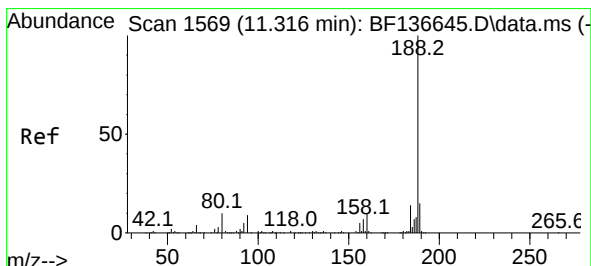
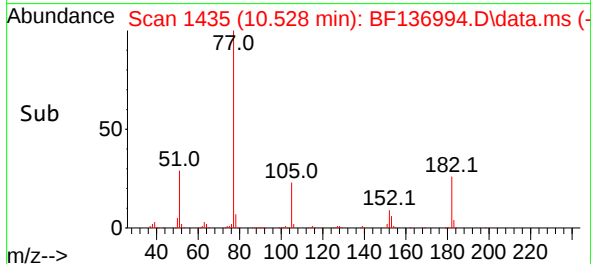
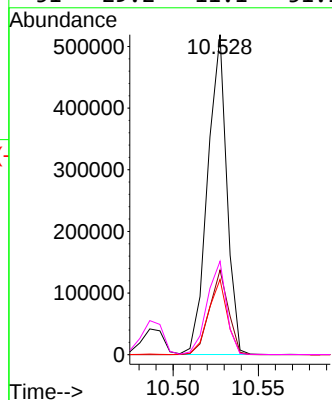
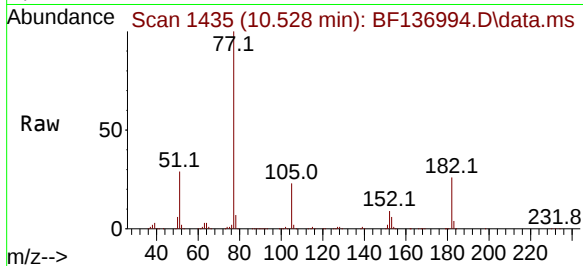




#63
Azobenzene
Concen: 38.062 ng
RT: 10.528 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

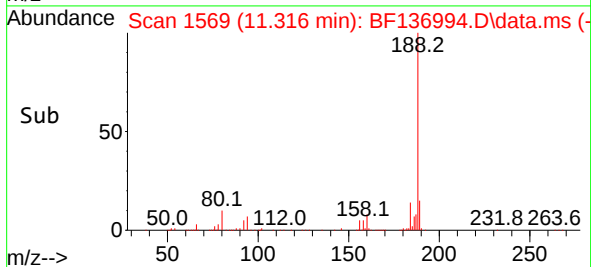
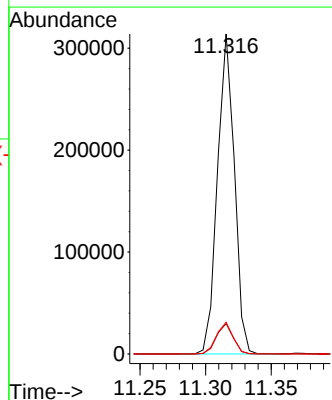
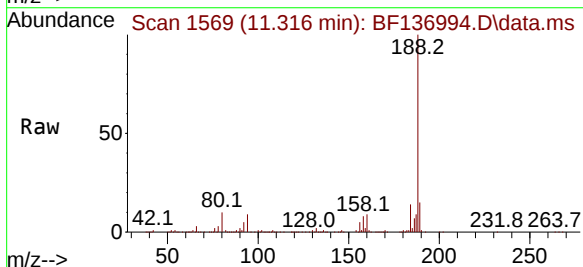
Instrument :
BNA_F
ClientSampleId :
PB158263BS

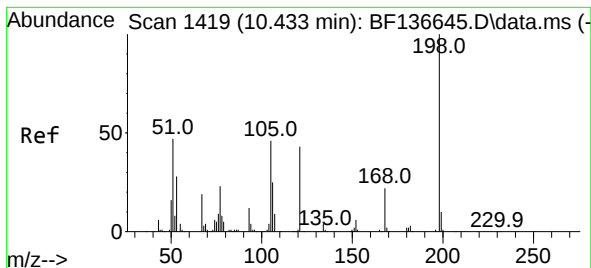
Tgt Ion: 77	Resp: 404394
Ion Ratio	Lower Upper
77 100	
182 26.4	6.0 46.0
105 23.5	2.3 42.3
51 29.2	11.1 51.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

Tgt Ion:188	Resp: 281735
Ion Ratio	Lower Upper
188 100	
94 9.5	7.5 11.3
80 9.9	8.1 12.1

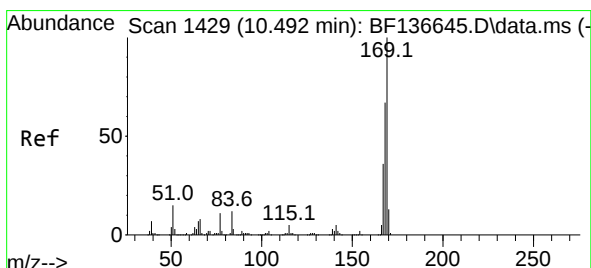
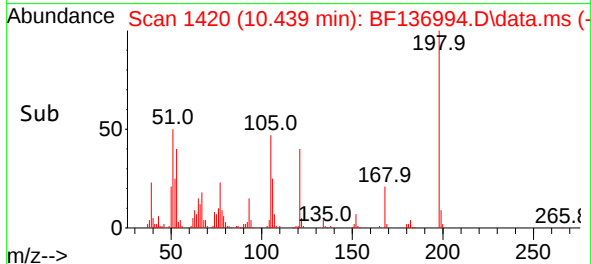
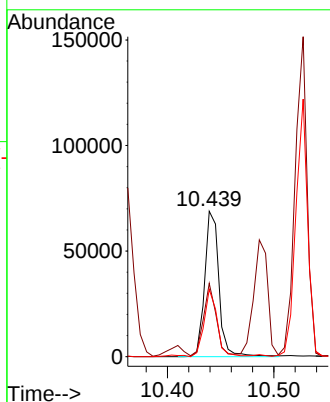
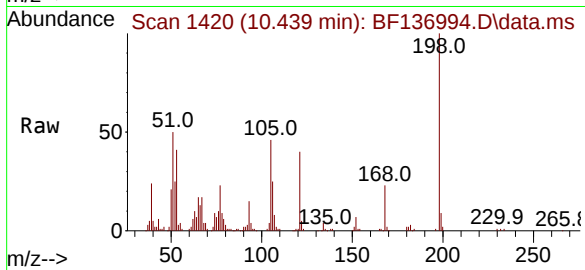




#65
4,6-Dinitro-2-methylphenol
Concen: 39.821 ng
RT: 10.439 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

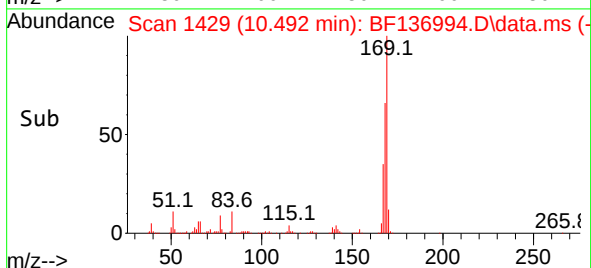
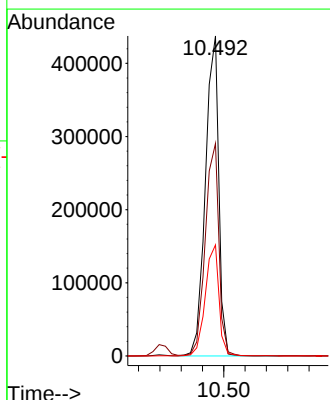
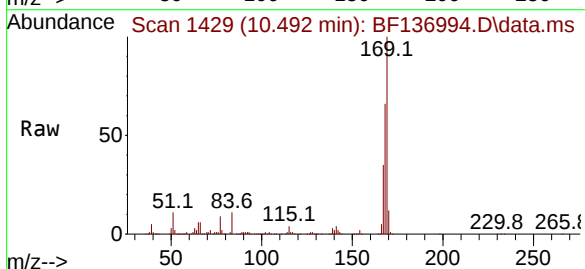
Instrument :
BNA_F
ClientSampleId :
PB158263BS

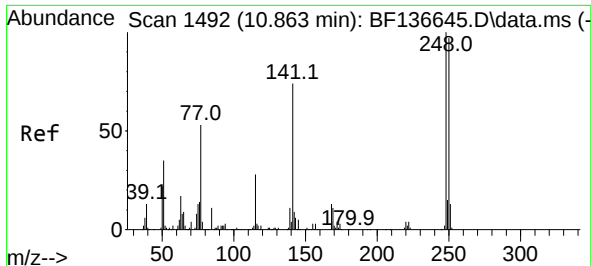
Tgt Ion:198 Resp: 64296
Ion Ratio Lower Upper
198 100
51 50.4 34.1 74.1
105 46.4 27.3 67.3



#66
n-Nitrosodiphenylamine
Concen: 41.725 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

Tgt Ion:169 Resp: 381866
Ion Ratio Lower Upper
169 100
168 66.4 53.8 80.6
167 34.7 28.7 43.1

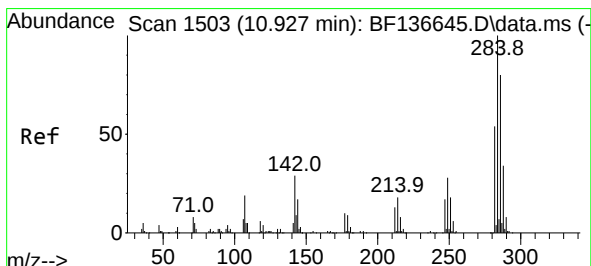
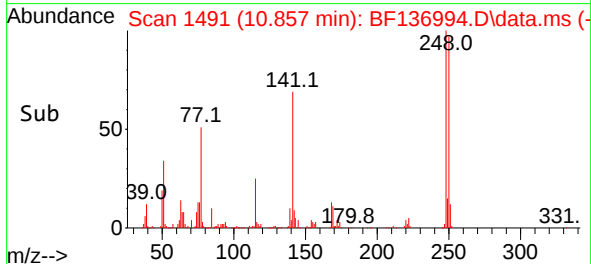
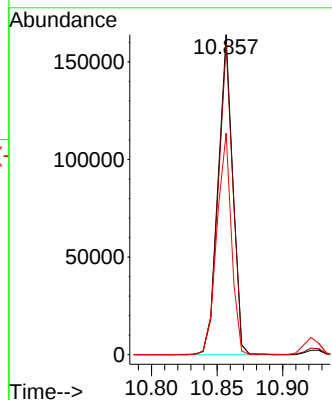
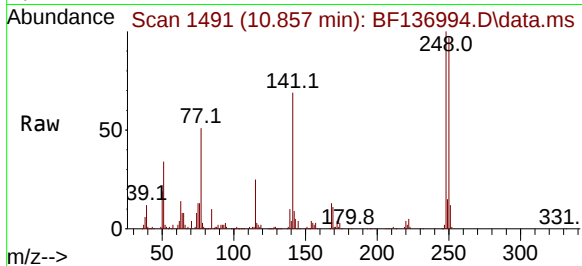




#67
4-Bromophenyl-phenylether
Concen: 40.762 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

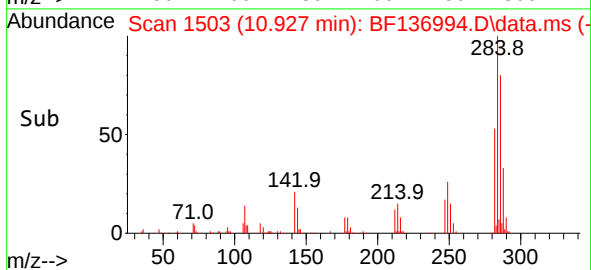
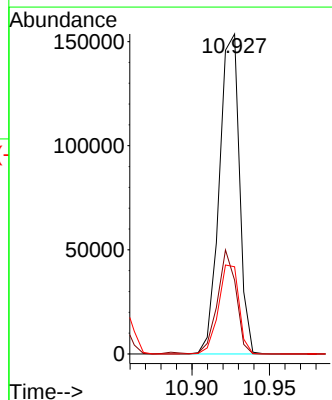
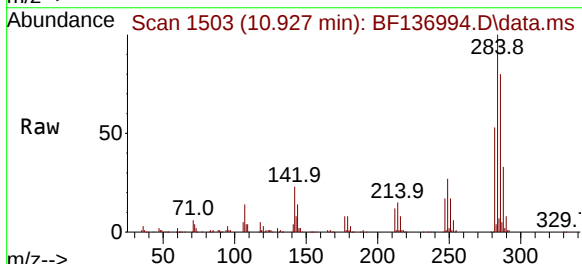
Instrument :
BNA_F
ClientSampleId :
PB158263BS

Tgt Ion:248 Resp: 127540
Ion Ratio Lower Upper
248 100
250 97.1 77.8 116.6
141 69.2 59.2 88.8



#68
Hexachlorobenzene
Concen: 39.703 ng
RT: 10.927 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

Tgt Ion:284 Resp: 138439
Ion Ratio Lower Upper
284 100
142 23.1 23.4 35.0#
249 27.3 22.3 33.5





#69

Atrazine

Concen: 72.148 ng

RT: 11.027 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF136994.D

Acq: 08 Jan 2024 13:12

Instrument :

BNA_F

ClientSampleId :

PB158263BS

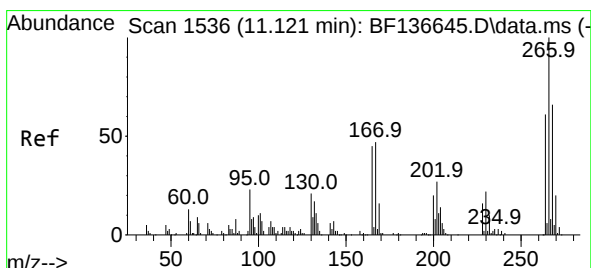
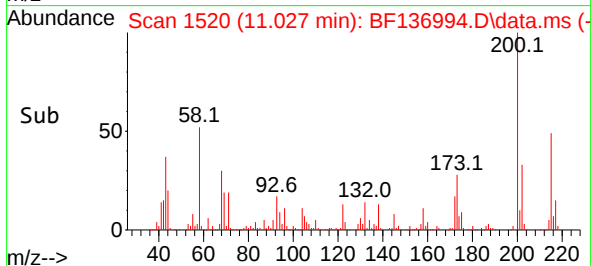
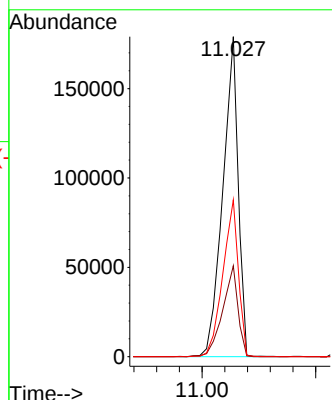
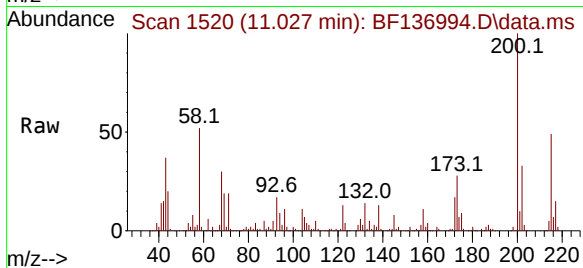
Tgt Ion:200 Resp: 168886

Ion Ratio Lower Upper

200 100

173 28.4 7.6 47.6

215 49.0 28.3 68.3



#70

Pentachlorophenol

Concen: 72.626 ng

RT: 11.127 min Scan# 1537

Delta R.T. 0.006 min

Lab File: BF136994.D

Acq: 08 Jan 2024 13:12

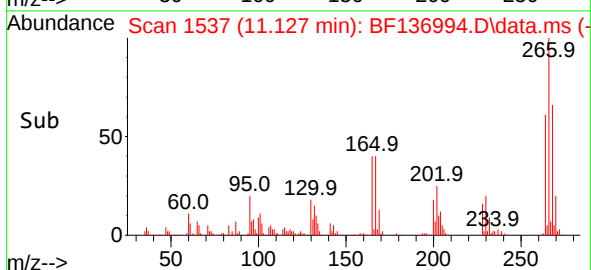
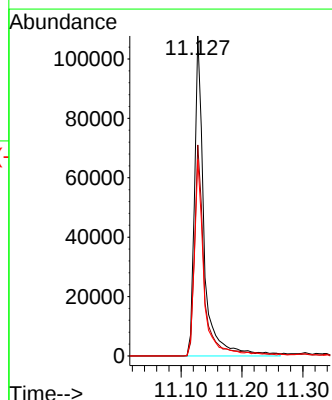
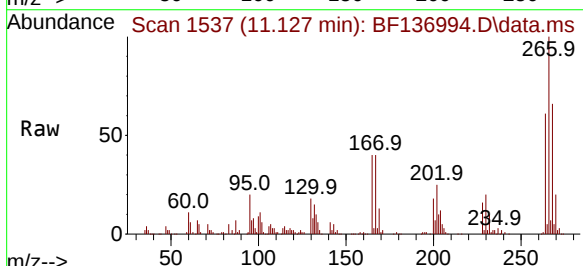
Tgt Ion:266 Resp: 118037

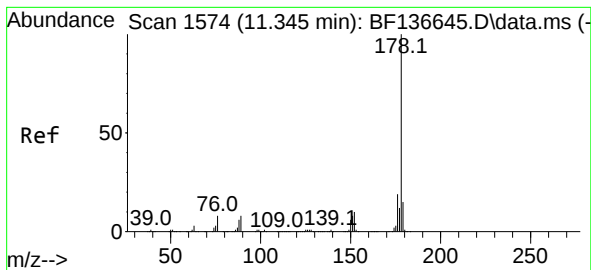
Ion Ratio Lower Upper

266 100

268 66.0 52.6 78.8

264 61.4 49.0 73.4





#71

Phenanthrene

Concen: 42.227 ng

RT: 11.345 min Scan# 1574

Delta R.T. 0.000 min

Lab File: BF136994.D

Acq: 08 Jan 2024 13:12

Instrument :

BNA_F

ClientSampleId :

PB158263BS

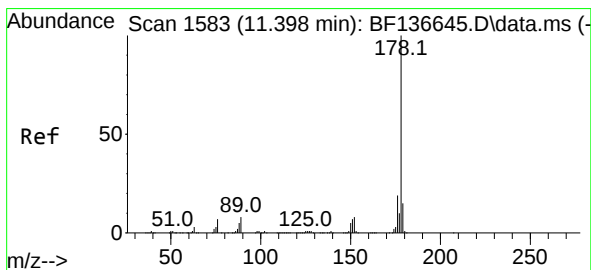
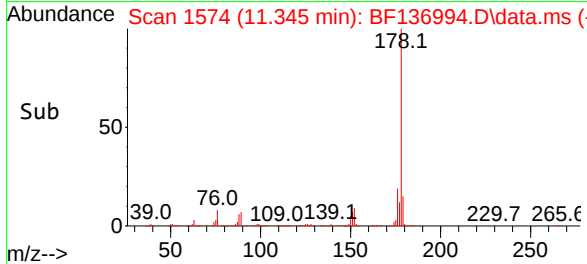
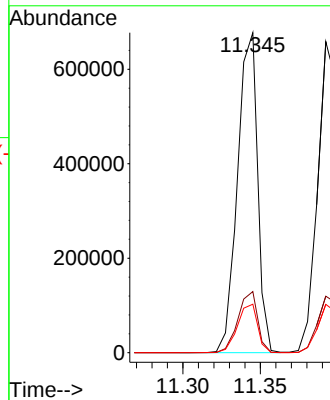
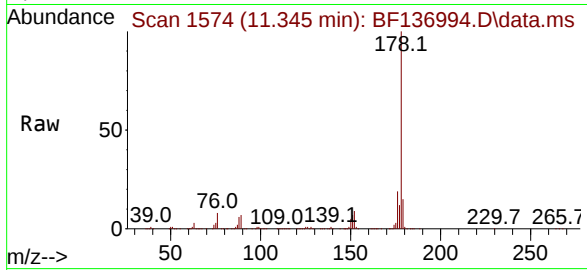
Tgt Ion:178 Resp: 610434

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

179 15.1 11.9 17.9



#72

Anthracene

Concen: 41.625 ng

RT: 11.392 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF136994.D

Acq: 08 Jan 2024 13:12

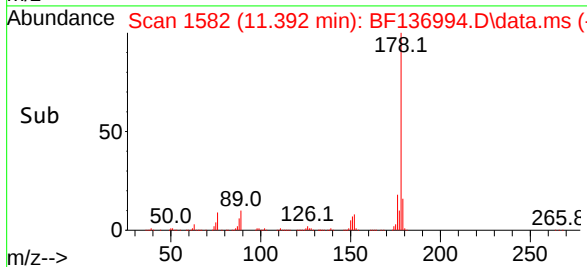
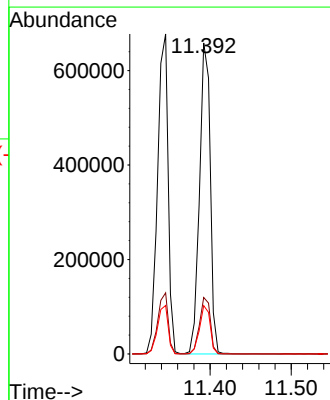
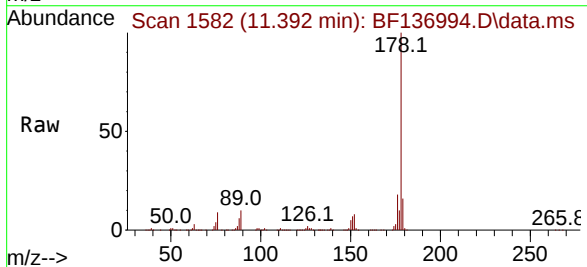
Tgt Ion:178 Resp: 609390

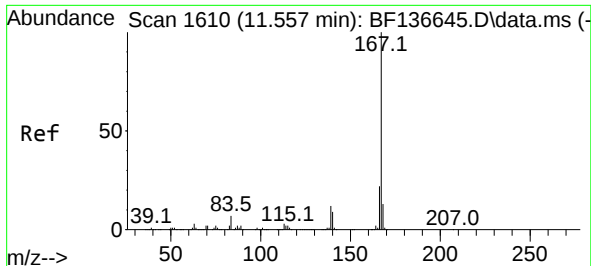
Ion Ratio Lower Upper

178 100

176 18.1 14.9 22.3

179 15.5 11.8 17.6

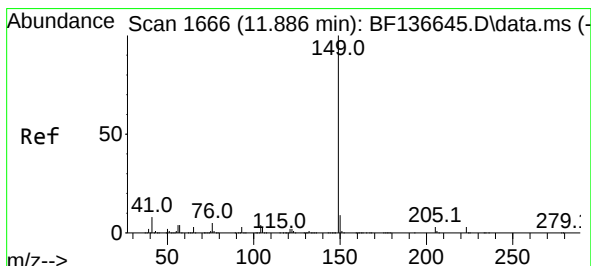
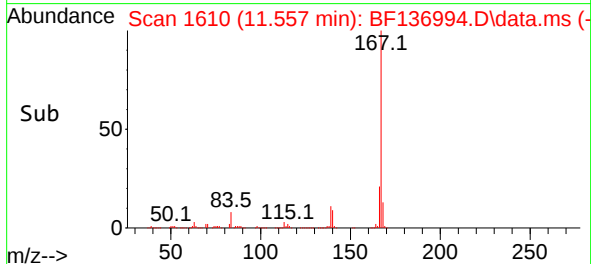
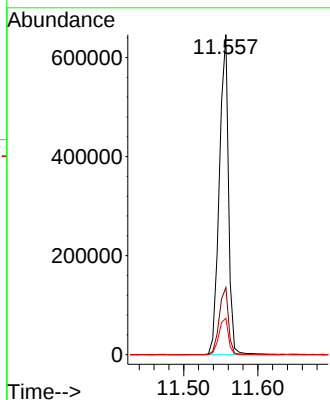
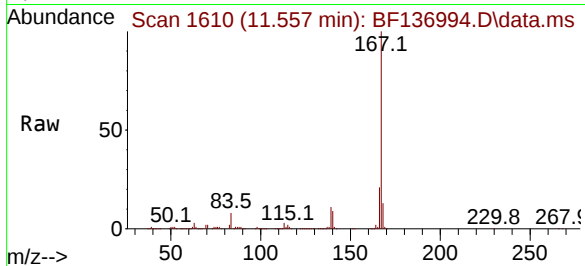




#73
 Carbazole
 Concen: 40.212 ng
 RT: 11.557 min Scan# 1610
 Delta R.T. 0.000 min
 Lab File: BF136994.D
 Acq: 08 Jan 2024 13:12

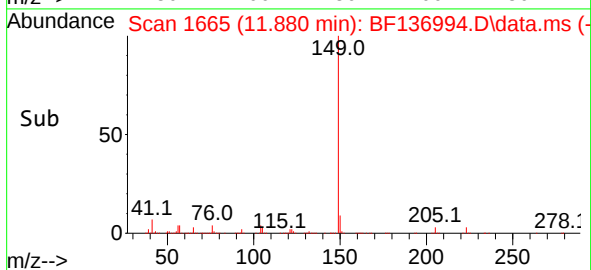
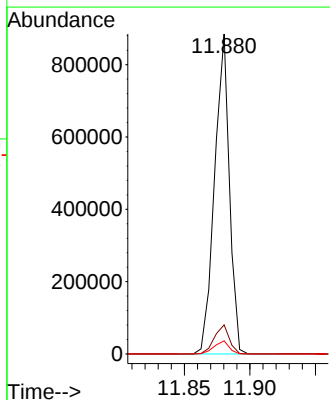
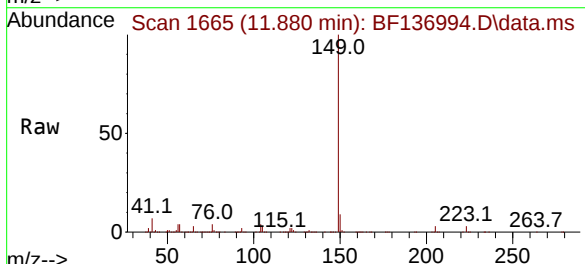
Instrument :
 BNA_F
 ClientSampleId :
 PB158263BS

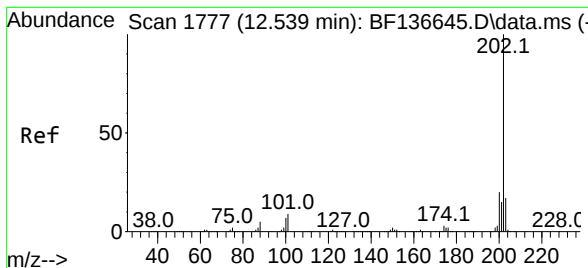
Tgt Ion:167 Resp: 555041
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.3 25.9
 139 11.4 9.8 14.6



#74
 Di-n-butylphthalate
 Concen: 41.238 ng
 RT: 11.880 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF136994.D
 Acq: 08 Jan 2024 13:12

Tgt Ion:149 Resp: 694570
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.2
 104 4.1 3.6 5.4





#75

Fluoranthene

Concen: 39.126 ng

RT: 12.539 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136994.D

Acq: 08 Jan 2024 13:12

Instrument :

BNA_F

ClientSampleId :

PB158263BS

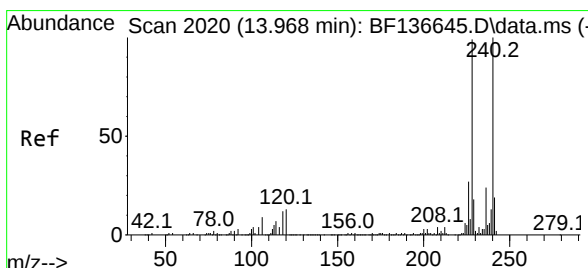
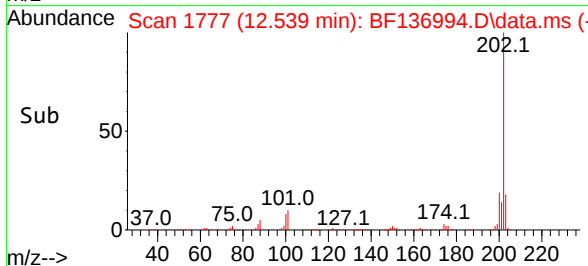
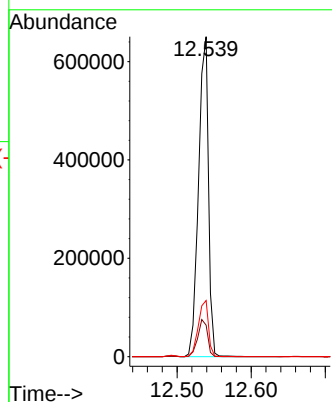
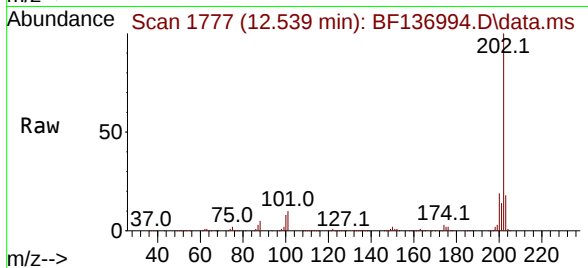
Tgt Ion:202 Resp: 605009

Ion Ratio Lower Upper

202 100

101 9.8 0.0 29.3

203 17.6 0.0 37.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 2021

Delta R.T. 0.006 min

Lab File: BF136994.D

Acq: 08 Jan 2024 13:12

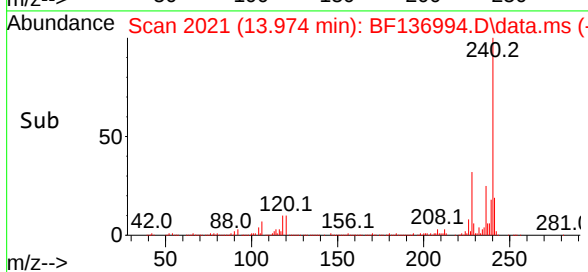
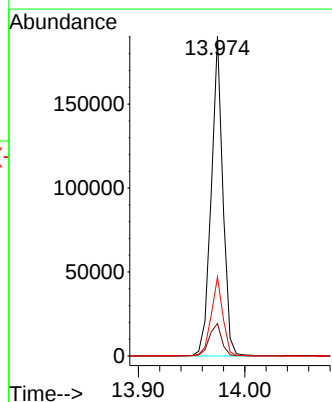
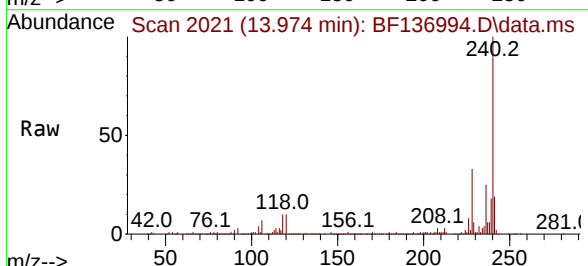
Tgt Ion:240 Resp: 144492

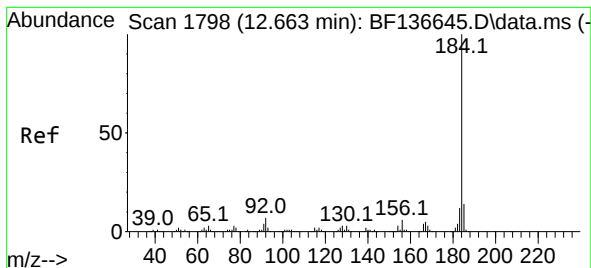
Ion Ratio Lower Upper

240 100

120 10.2 10.3 15.5#

236 24.7 19.4 29.2





#77

Benzidine

Concen: 26.043 ng

RT: 12.663 min Scan# 1798

Delta R.T. 0.000 min

Lab File: BF136994.D

Acq: 08 Jan 2024 13:12

Instrument :

BNA_F

ClientSampleId :

PB158263BS

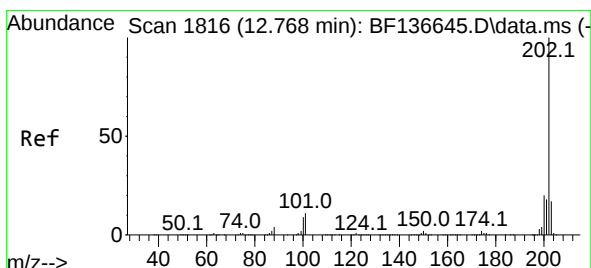
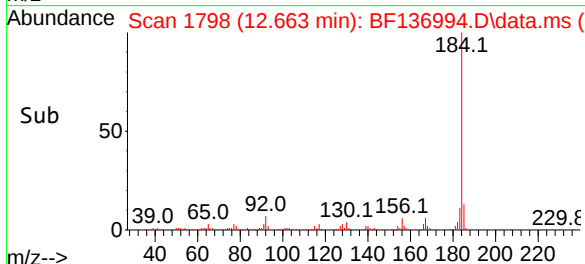
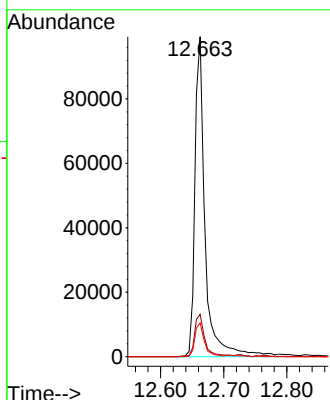
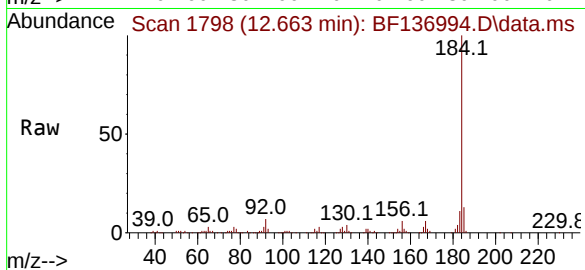
Tgt Ion:184 Resp: 110953

Ion Ratio Lower Upper

184 100

185 13.3 11.2 16.8

183 10.5 9.3 13.9



#78

Pyrene

Concen: 42.335 ng

RT: 12.769 min Scan# 1816

Delta R.T. 0.000 min

Lab File: BF136994.D

Acq: 08 Jan 2024 13:12

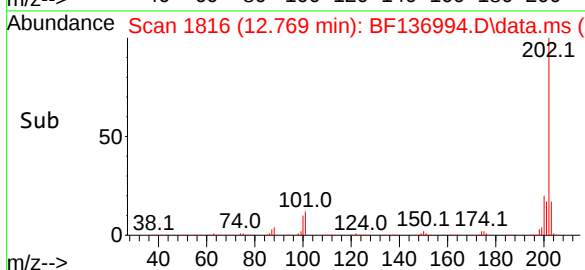
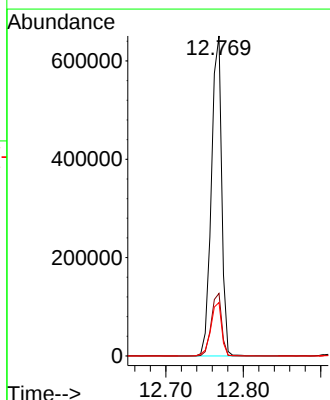
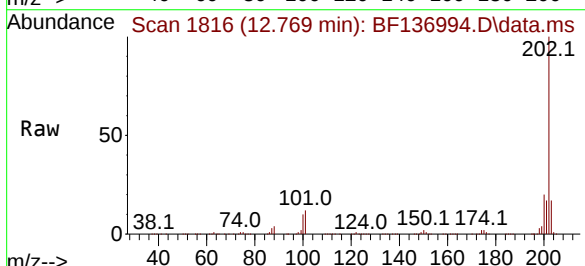
Tgt Ion:202 Resp: 600500

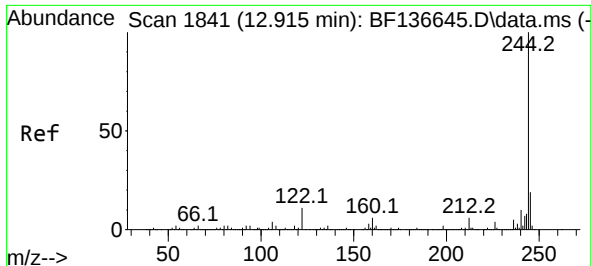
Ion Ratio Lower Upper

202 100

200 19.6 15.9 23.9

203 16.7 13.8 20.6

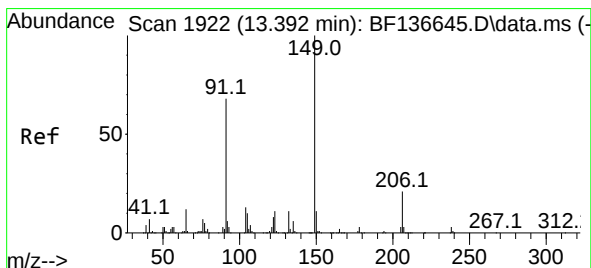
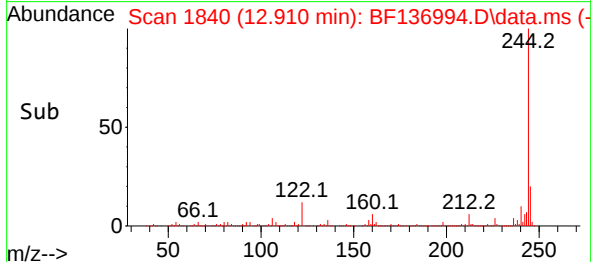
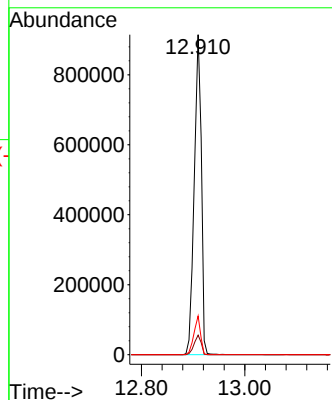
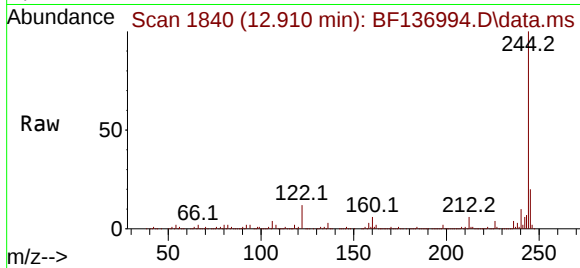




#79
 Terphenyl-d14
 Concen: 84.436 ng
 RT: 12.910 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF136994.D
 Acq: 08 Jan 2024 13:12

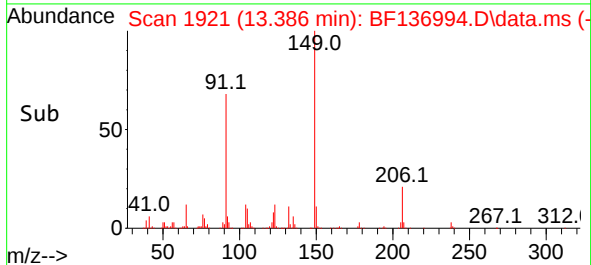
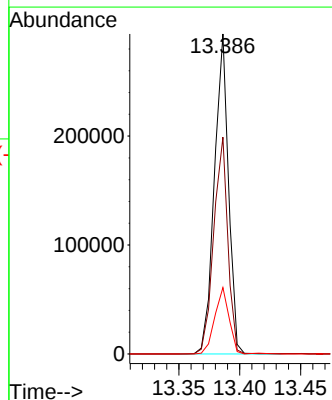
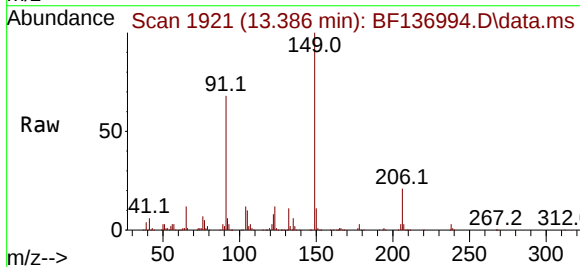
Instrument :
 BNA_F
 ClientSampleId :
 PB158263BS

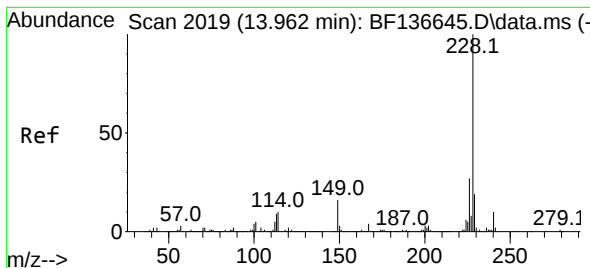
Tgt Ion:244 Resp: 873030
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.0 7.4
 122 12.1 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 45.731 ng
 RT: 13.386 min Scan# 1921
 Delta R.T. -0.006 min
 Lab File: BF136994.D
 Acq: 08 Jan 2024 13:12

Tgt Ion:149 Resp: 236029
 Ion Ratio Lower Upper
 149 100
 91 67.8 54.1 81.1
 206 20.8 17.1 25.7





#81

Benzo(a)anthracene

Concen: 41.325 ng

RT: 13.963 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BF136994.D

Acq: 08 Jan 2024 13:12

Instrument :

BNA_F

ClientSampleId :

PB158263BS

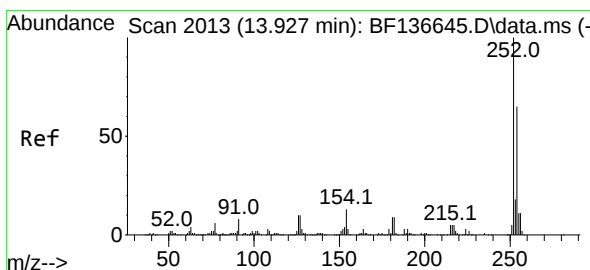
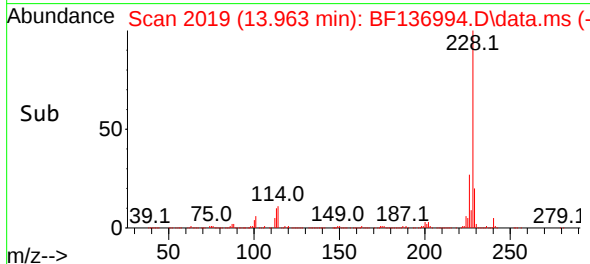
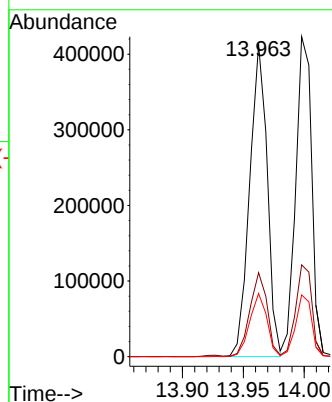
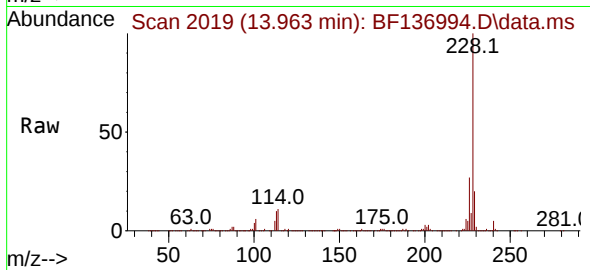
Tgt Ion:228 Resp: 414631

Ion Ratio Lower Upper

228 100

226 26.9 21.4 32.0

229 20.3 14.9 22.3



#82

3,3'-Dichlorobenzidine

Concen: 37.694 ng

RT: 13.927 min Scan# 2013

Delta R.T. 0.000 min

Lab File: BF136994.D

Acq: 08 Jan 2024 13:12

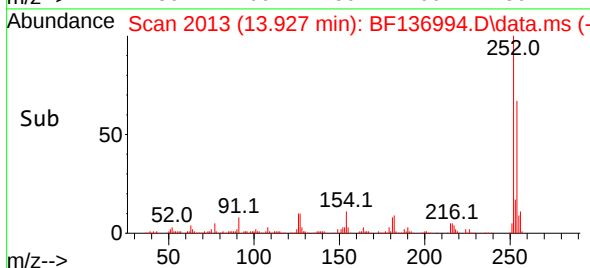
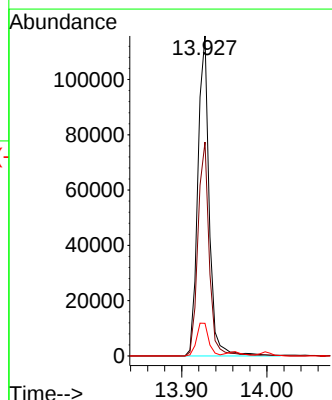
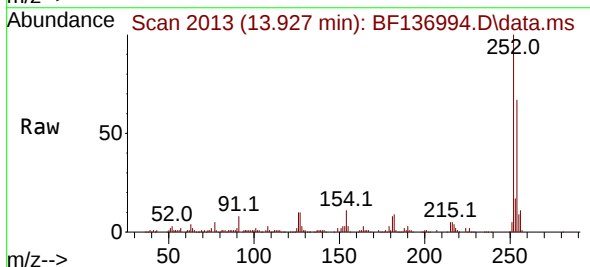
Tgt Ion:252 Resp: 107404

Ion Ratio Lower Upper

252 100

254 66.9 52.2 78.4

126 10.2 8.0 12.0





#83

Chrysene

Concen: 39.714 ng

RT: 13.998 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF136994.D

Acq: 08 Jan 2024 13:12

Instrument :

BNA_F

ClientSampleId :

PB158263BS

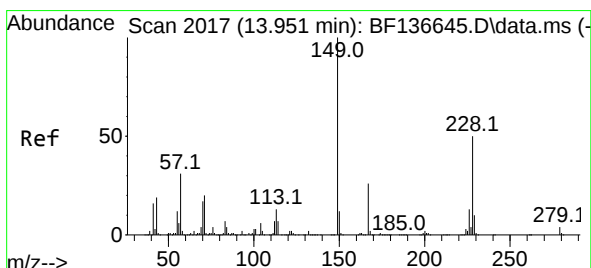
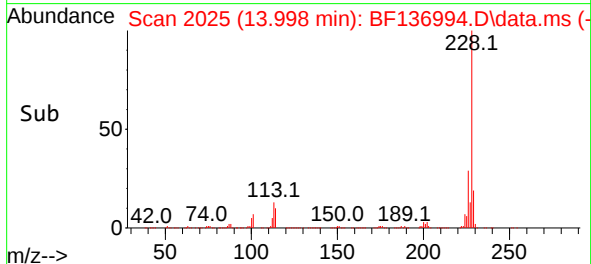
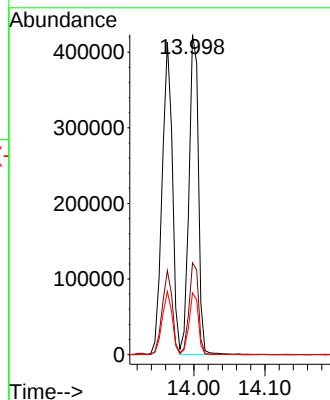
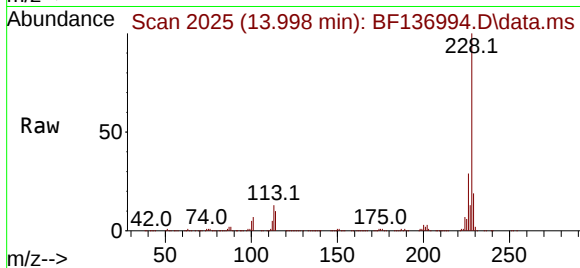
Tgt Ion:228 Resp: 389654

Ion Ratio Lower Upper

228 100

226 28.7 24.7 37.1

229 19.3 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.428 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF136994.D

Acq: 08 Jan 2024 13:12

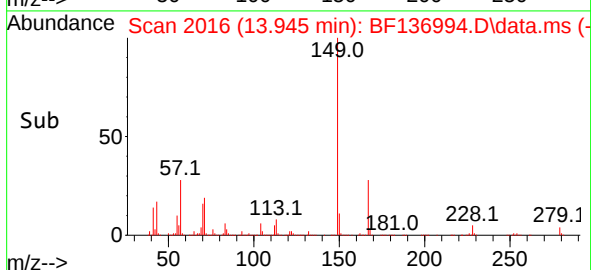
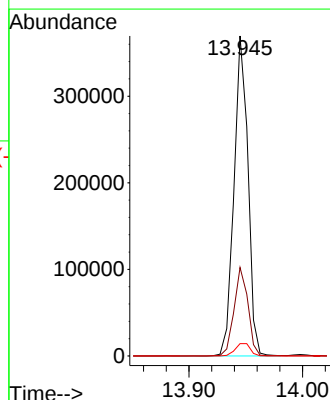
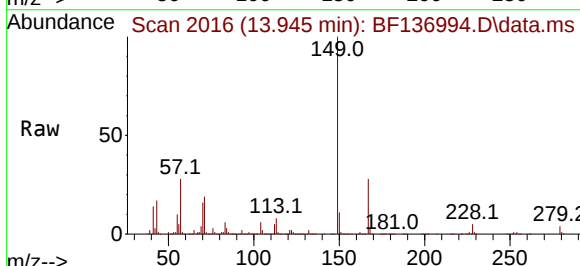
Tgt Ion:149 Resp: 314481

Ion Ratio Lower Upper

149 100

167 27.7 20.9 31.3

279 3.8 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 43.976 ng

RT: 14.563 min Scan# 2121

Delta R.T. -0.006 min

Lab File: BF136994.D

Acq: 08 Jan 2024 13:12

Instrument :

BNA_F

ClientSampleId :

PB158263BS

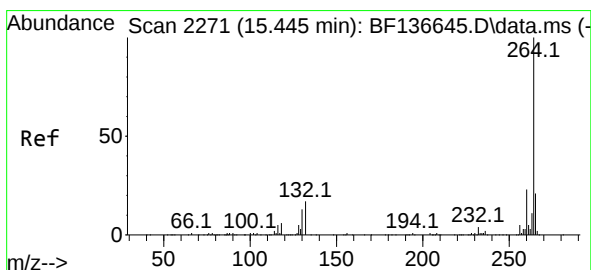
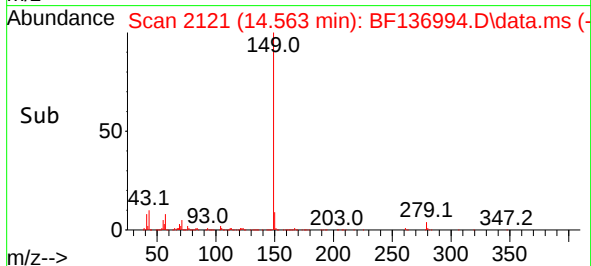
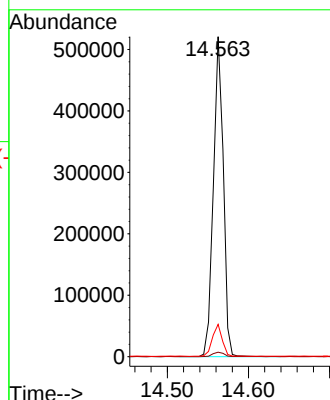
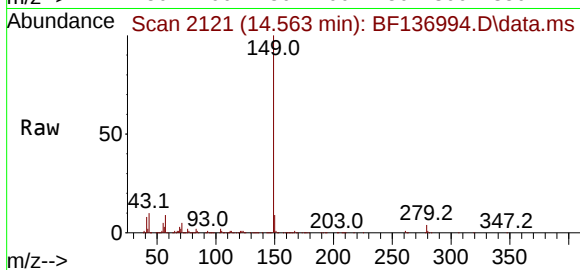
Tgt Ion:149 Resp: 441741

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.1 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2273

Delta R.T. 0.012 min

Lab File: BF136994.D

Acq: 08 Jan 2024 13:12

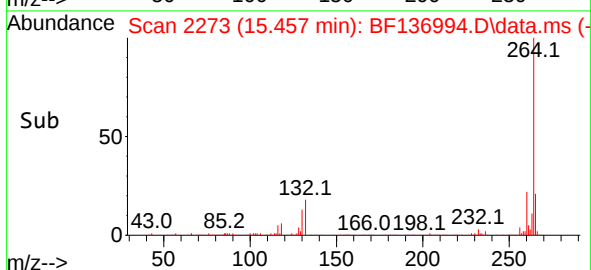
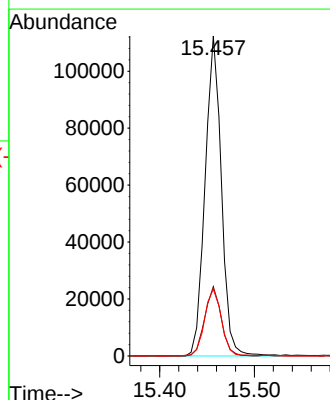
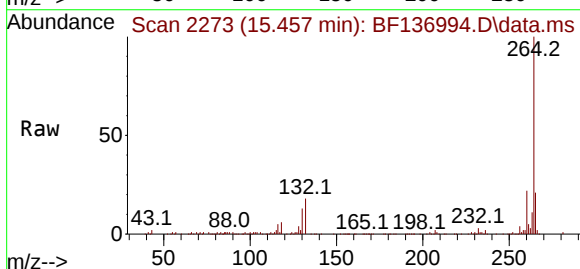
Tgt Ion:264 Resp: 133674

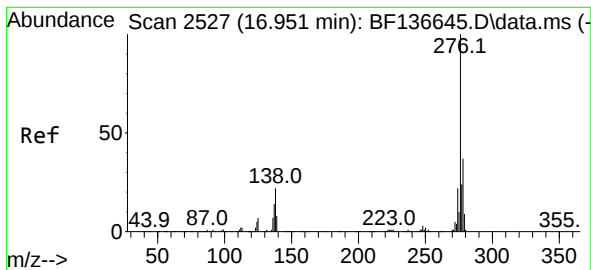
Ion Ratio Lower Upper

264 100

260 21.7 18.3 27.5

265 20.9 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.989 ng

RT: 16.986 min Scan# 2199

Delta R.T. 0.035 min

Lab File: BF136994.D

Acq: 08 Jan 2024 13:12

Instrument :

BNA_F

ClientSampleId :

PB158263BS

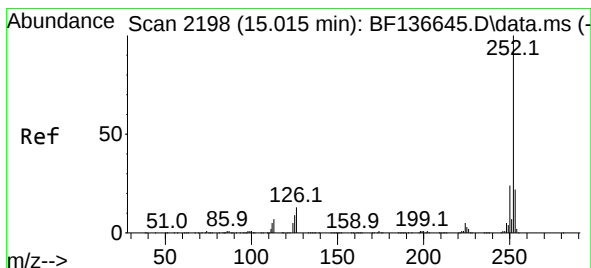
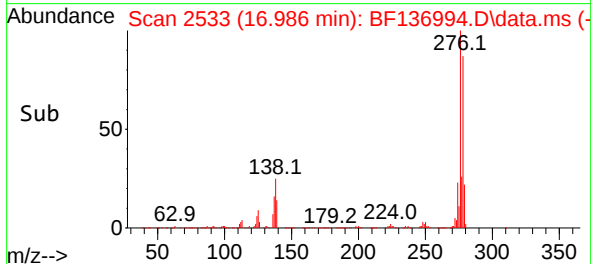
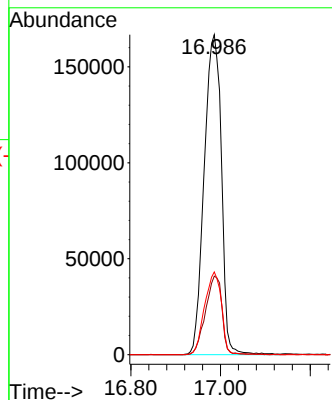
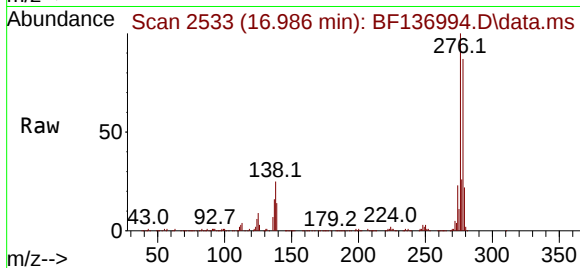
Tgt Ion:276 Resp: 443860

Ion Ratio Lower Upper

276 100

138 23.5 18.7 28.1

277 25.3 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 42.013 ng

RT: 15.021 min Scan# 2199

Delta R.T. 0.006 min

Lab File: BF136994.D

Acq: 08 Jan 2024 13:12

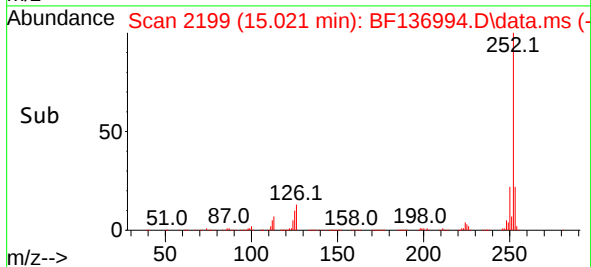
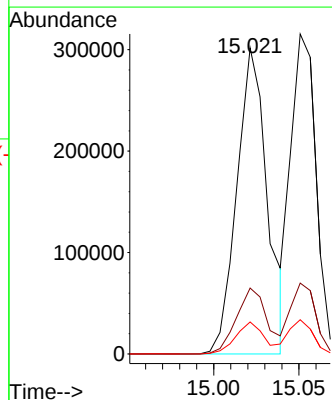
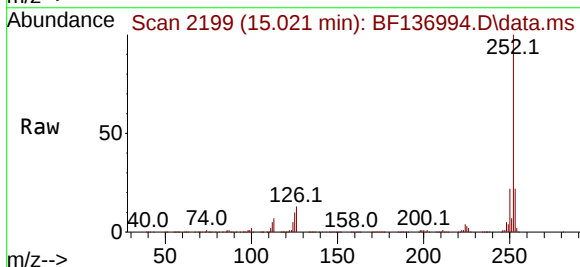
Tgt Ion:252 Resp: 375104

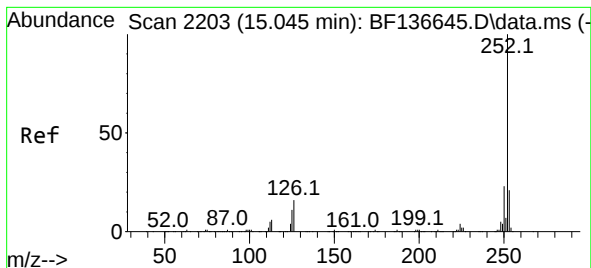
Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

125 10.4 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 38.788 ng

RT: 15.051 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136994.D

Acq: 08 Jan 2024 13:12

Instrument :

BNA_F

ClientSampleId :

PB158263BS

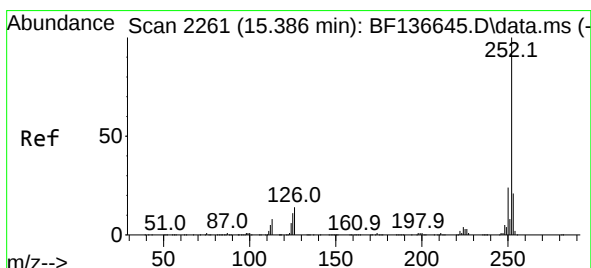
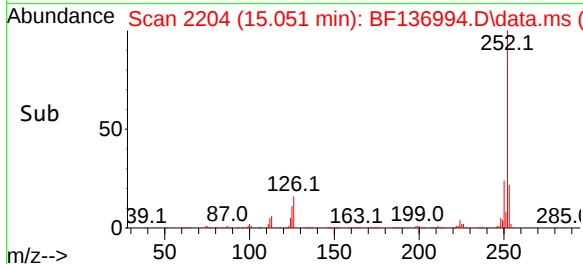
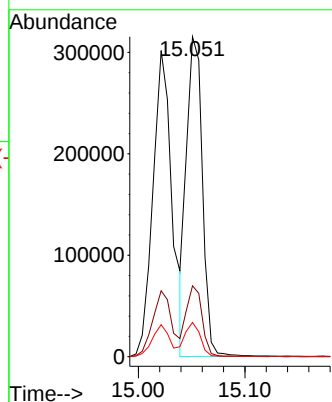
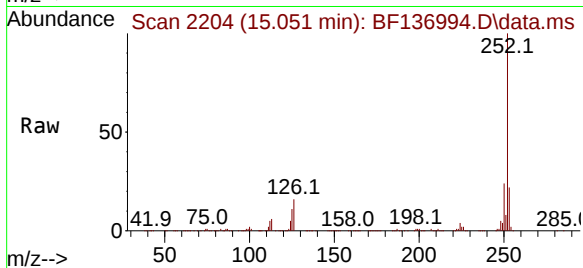
Tgt Ion:252 Resp: 327231

Ion Ratio Lower Upper

252 100

253 22.2 17.0 25.6

125 10.7 8.2 12.4



#90

Benzo(a)pyrene

Concen: 42.415 ng

RT: 15.398 min Scan# 2263

Delta R.T. 0.012 min

Lab File: BF136994.D

Acq: 08 Jan 2024 13:12

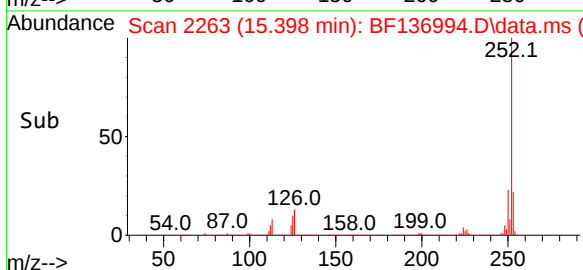
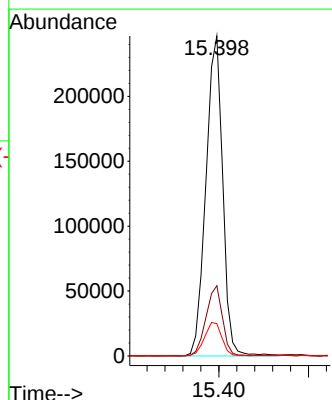
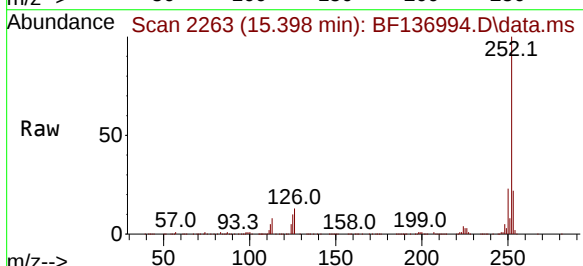
Tgt Ion:252 Resp: 319655

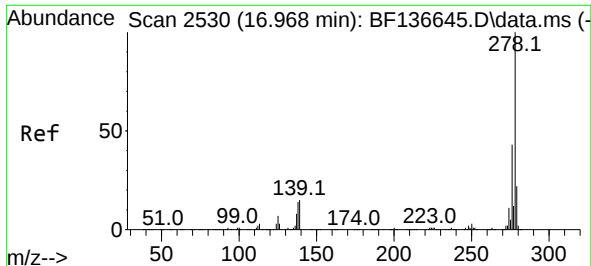
Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.6

125 10.1 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 46.942 ng

RT: 16.998 min Scan# 21

Delta R.T. 0.030 min

Lab File: BF136994.D

Acq: 08 Jan 2024 13:12

Instrument :

BNA_F

ClientSampleId :

PB158263BS

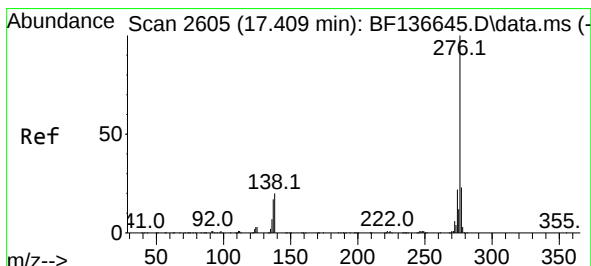
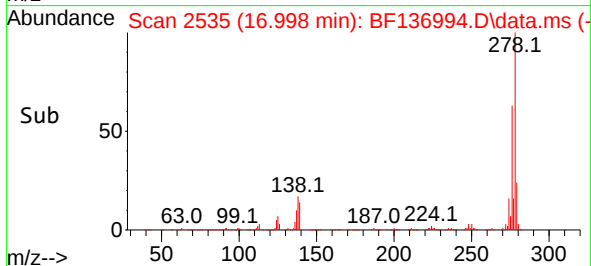
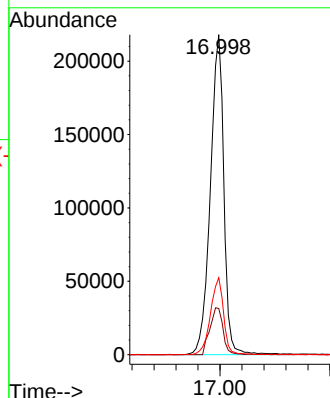
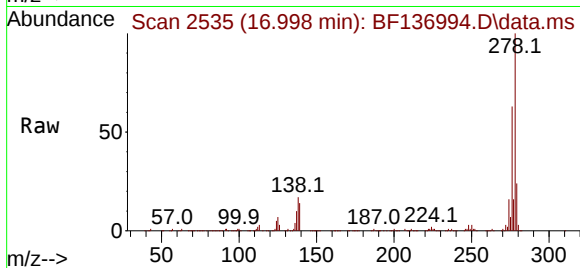
Tgt Ion:278 Resp: 371685

Ion Ratio Lower Upper

278 100

139 14.5 12.2 18.4

279 24.1 17.8 26.6



#92

Benzo(g,h,i)perylene

Concen: 45.670 ng

RT: 17.445 min Scan# 2611

Delta R.T. 0.035 min

Lab File: BF136994.D

Acq: 08 Jan 2024 13:12

Tgt Ion:276 Resp: 370372

Ion Ratio Lower Upper

276 100

277 23.1 18.3 27.5

138 20.5 15.6 23.4

