

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032024\
 Data File : BF137653.D
 Acq On : 20 Mar 2024 14:09
 Operator : CG\JU
 Sample : PB159685BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159685BS

Quant Time: Mar 20 14:48:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 14:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	172493	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	672864	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	348586	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	607581	20.000	ng	0.00
76) Chrysene-d12	13.880	240	358821	20.000	ng	0.00
86) Perylene-d12	15.304	264	324676	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1394258	122.420	ng	0.02
7) Phenol-d6	6.375	99	1873106	113.937	ng	0.00
23) Nitrobenzene-d5	7.298	82	1199156	82.807	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	441689	144.287	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1922149	86.316	ng	0.00
79) Terphenyl-d14	12.833	244	2063712	79.087	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.475	88	221667	35.595	ng	96
3) Pyridine	3.175	79	478277	31.845	ng	98
4) n-Nitrosodimethylamine	3.140	42	237936	39.814	ng	94
6) Aniline	6.392	93	429007	21.356	ng	# 78
8) 2-Chlorophenol	6.510	128	546507	45.495	ng	97
9) Benzaldehyde	6.387	77	17772	2.207	ng	# 7
10) Phenol	6.387	94	720524	40.720	ng	92
11) bis(2-Chloroethyl)ether	6.469	93	540113	41.654	ng	97
12) 1,3-Dichlorobenzene	6.669	146	575017	44.796	ng	95
13) 1,4-Dichlorobenzene	6.745	146	575813	43.843	ng	99
14) 1,2-Dichlorobenzene	6.892	146	551541	45.753	ng	99
15) Benzyl Alcohol	6.875	79	477869	46.691	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.004	45	844323	37.881	ng	91
17) 2-Methylphenol	6.992	107	448885	39.934	ng	99
18) Hexachloroethane	7.234	117	201970	46.703	ng	96
19) n-Nitroso-di-n-propyla...	7.145	70	392558	38.669	ng	99
20) 3+4-Methylphenols	7.145	107	517841	40.225	ng	94
22) Acetophenone	7.139	105	738813	45.381	ng	# 95
24) Nitrobenzene	7.316	77	611097	42.008	ng	96
25) Isophorone	7.551	82	1135356	41.267	ng	98
26) 2-Nitrophenol	7.628	139	276820	47.930	ng	99
27) 2,4-Dimethylphenol	7.669	122	424517	39.338	ng	99
28) bis(2-Chloroethoxy)met...	7.763	93	676630	41.917	ng	99
29) 2,4-Dichlorophenol	7.869	162	442486	44.676	ng	98
30) 1,2,4-Trichlorobenzene	7.951	180	466924	44.799	ng	99
31) Naphthalene	8.033	128	1524530	42.229	ng	99
32) Benzoic acid	7.816	122	224748	37.717	ng	98
33) 4-Chloroaniline	8.086	127	160155	11.313	ng	99
34) Hexachlorobutadiene	8.145	225	278056	45.188	ng	99
35) Caprolactam	8.504	113	50488	15.033	ng	96
36) 4-Chloro-3-methylphenol	8.575	107	478700	43.239	ng	100
37) 2-Methylnaphthalene	8.722	142	916441	39.820	ng	98
38) 1-Methylnaphthalene	8.822	142	895482	41.317	ng	98
40) 1,2,4,5-Tetrachloroben...	8.886	216	478789	49.199	ng	99
41) Hexachlorocyclopentadiene	8.875	237	332803	83.408	ng	99
43) 2,4,6-Trichlorophenol	9.004	196	294104	46.408	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032024\
 Data File : BF137653.D
 Acq On : 20 Mar 2024 14:09
 Operator : CG\JU
 Sample : PB159685BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159685BS

Quant Time: Mar 20 14:48:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 14:45:20 2024
 Response via : Initial Calibration

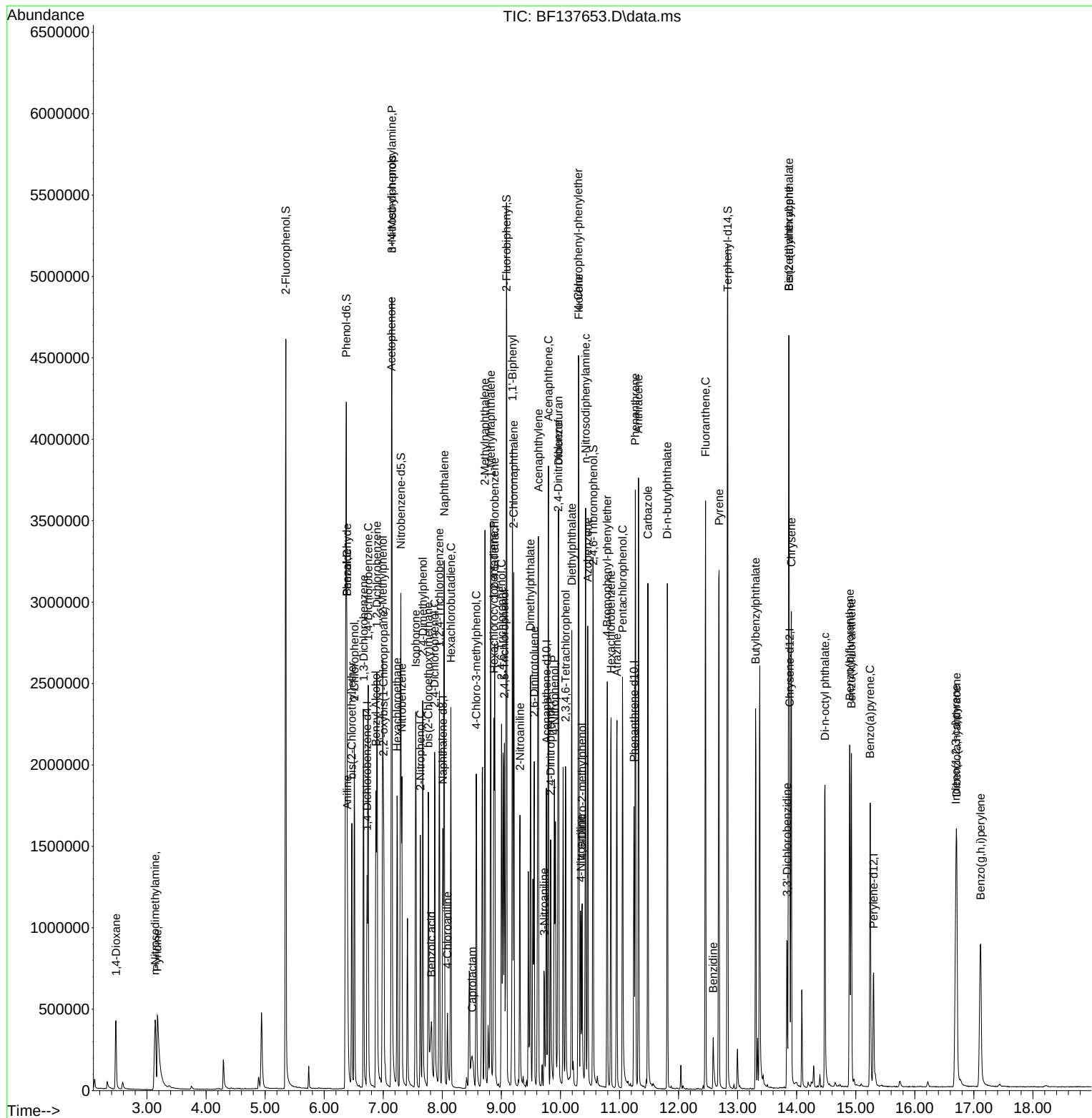
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.051	196	324161	44.404	ng	98
46) 1,1'-Biphenyl	9.186	154	1177454	46.150	ng	99
47) 2-Chloronaphthalene	9.210	162	909176	46.740	ng	98
48) 2-Nitroaniline	9.316	65	311545	47.122	ng	95
49) Acenaphthylene	9.627	152	1446197	46.457	ng	100
50) Dimethylphthalate	9.492	163	1077140	44.390	ng	99
51) 2,6-Dinitrotoluene	9.557	165	242138	47.708	ng	88
52) Acenaphthene	9.798	154	803459	43.232	ng	100
53) 3-Nitroaniline	9.727	138	131413	24.479	ng	89
54) 2,4-Dinitrophenol	9.833	184	212777	85.341	ng	97
55) Dibenzofuran	9.969	168	1217800	43.023	ng	99
56) 4-Nitrophenol	9.898	139	307633	80.514	ng	98
57) 2,4-Dinitrotoluene	9.963	165	297638	47.733	ng	98
58) Fluorene	10.310	166	933616	42.948	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.086	232	266269	45.484	ng	95
60) Diethylphthalate	10.192	149	993735	43.367	ng	100
61) 4-Chlorophenyl-phenyle...	10.304	204	457739	42.965	ng	96
62) 4-Nitroaniline	10.345	138	196389	42.563	ng	93
63) Azobenzene	10.463	77	1075703	40.768	ng	99
65) 4,6-Dinitro-2-methylph...	10.369	198	162521	47.993	ng	81
66) n-Nitrosodiphenylamine	10.427	169	842475	43.060	ng	99
67) 4-Bromophenyl-phenylether	10.792	248	294231	44.462	ng	97
68) Hexachlorobenzene	10.857	284	322953	48.318	ng	# 91
69) Atrazine	10.957	200	278948	46.900	ng	97
70) Pentachlorophenol	11.051	266	325700	80.608	ng	97
71) Phenanthrene	11.269	178	1408946	42.610	ng	99
72) Anthracene	11.322	178	1423803	41.925	ng	100
73) Carbazole	11.480	167	1269517	43.642	ng	99
74) Di-n-butylphthalate	11.810	149	1501381	43.380	ng	99
75) Fluoranthene	12.457	202	1393299	43.108	ng	97
77) Benzidine	12.586	184	174225	19.841	ng	98
78) Pyrene	12.686	202	1410676	40.066	ng	99
80) Butylbenzylphthalate	13.304	149	521061	57.949	ng	98
81) Benzo(a)anthracene	13.868	228	1054962	41.948	ng	99
82) 3,3'-Dichlorobenzidine	13.839	252	223681	33.399	ng	97
83) Chrysene	13.910	228	1069975	42.095	ng	99
84) Bis(2-ethylhexyl)phtha...	13.868	149	655083	57.319	ng	# 98
85) Di-n-octyl phthalate	14.480	149	1068729	48.460	ng	96
87) Indeno(1,2,3-cd)pyrene	16.698	276	904658	42.341	ng	97
88) Benzo(b)fluoranthene	14.898	252	924549	48.139	ng	98
89) Benzo(k)fluoranthene	14.927	252	901473	43.700	ng	98
90) Benzo(a)pyrene	15.245	252	814216	43.020	ng	99
91) Dibenzo(a,h)anthracene	16.709	278	744071	42.930	ng	97
92) Benzo(g,h,i)perylene	17.115	276	730263	41.026	ng	98

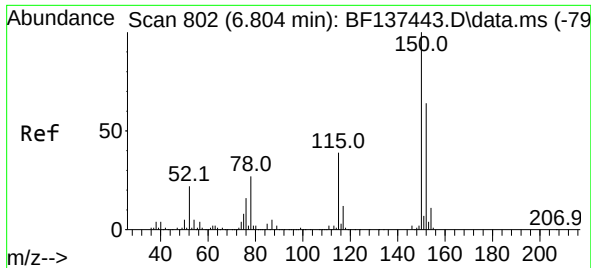
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032024\
 Data File : BF137653.D
 Acq On : 20 Mar 2024 14:09
 Operator : CG\JU
 Sample : PB159685BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159685BS

Quant Time: Mar 20 14:48:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 14:45:20 2024
 Response via : Initial Calibration

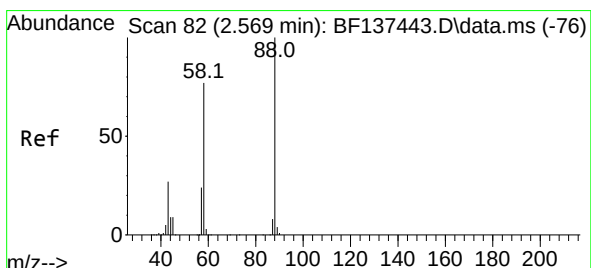
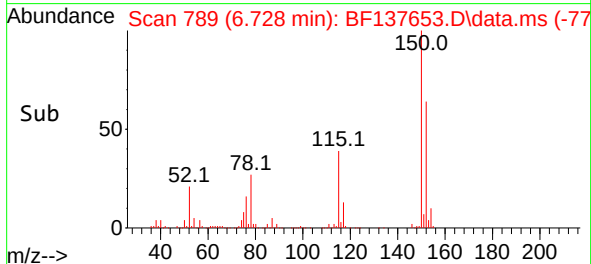
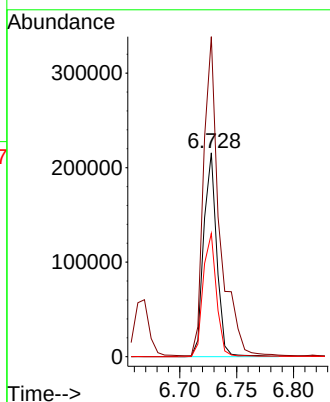
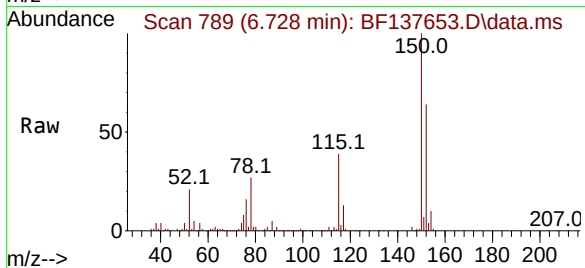




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.728 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF137653.D
 Acq: 20 Mar 2024 14:09

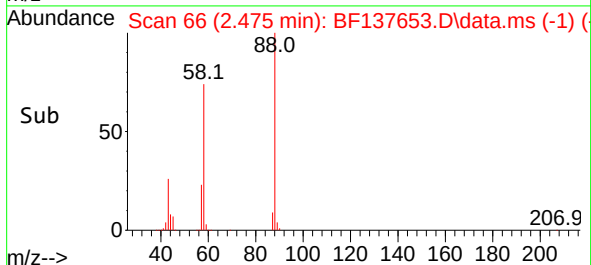
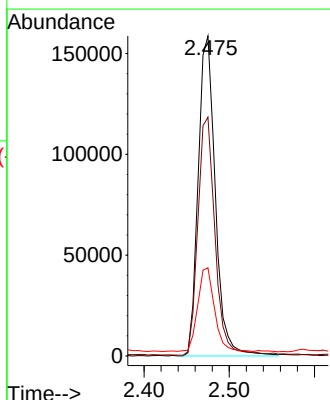
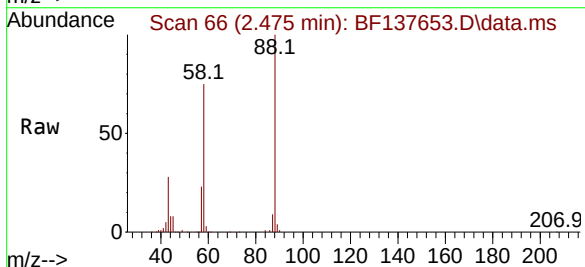
Instrument :
 BNA_F
 ClientSampleId :
 PB159685BS

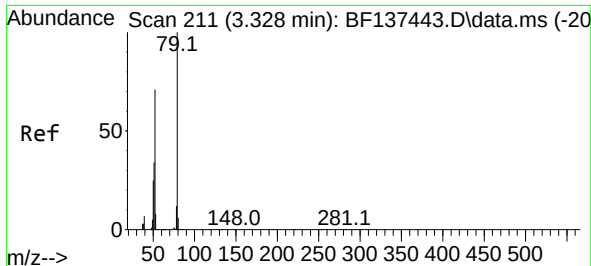
Tgt Ion:152 Resp: 172493
 Ion Ratio Lower Upper
 152 100
 150 157.0 125.8 188.6
 115 60.5 48.8 73.2



#2
 1,4-Dioxane
 Concen: 35.595 ng
 RT: 2.475 min Scan# 66
 Delta R.T. 0.106 min
 Lab File: BF137653.D
 Acq: 20 Mar 2024 14:09

Tgt Ion: 88 Resp: 221667
 Ion Ratio Lower Upper
 88 100
 58 74.3 61.8 92.8
 43 25.5 22.2 33.4

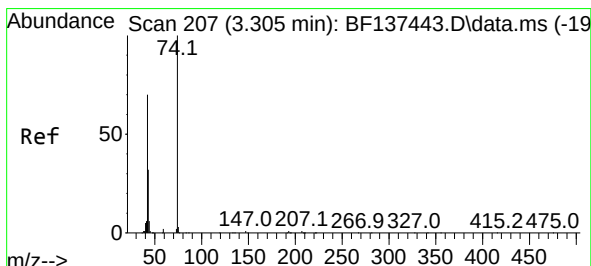
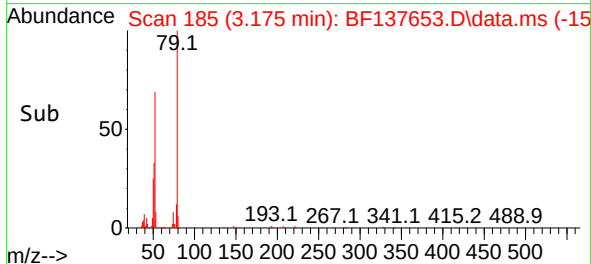
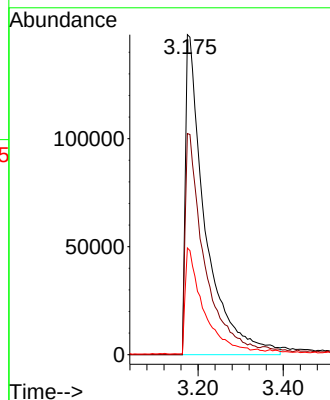
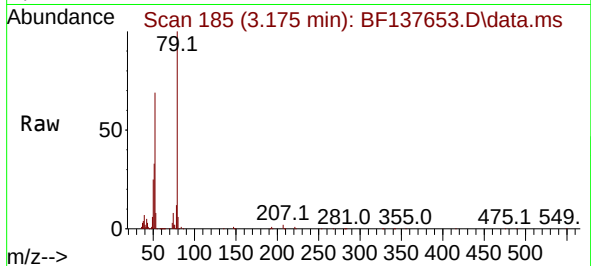




#3
Pyridine
Concen: 31.845 ng
RT: 3.175 min Scan# 11
Delta R.T. 0.106 min
Lab File: BF137653.D
Acq: 20 Mar 2024 14:09

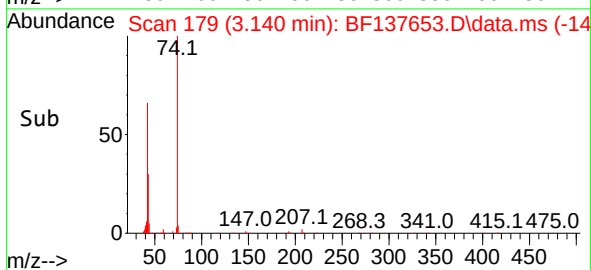
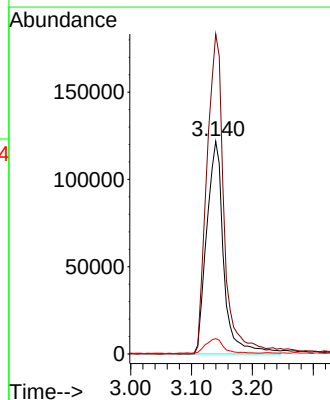
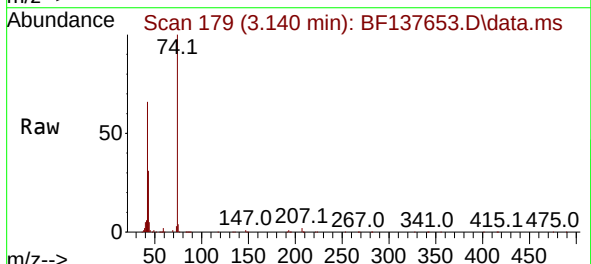
Instrument :
BNA_F
ClientSampleId :
PB159685BS

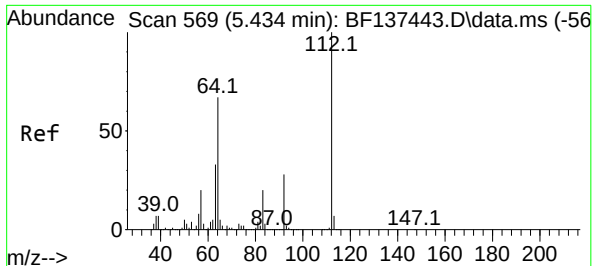
Tgt Ion: 79 Resp: 478277
Ion Ratio Lower Upper
79 100
52 69.1 57.0 85.4
51 33.3 27.5 41.3



#4
n-Nitrosodimethylamine
Concen: 39.814 ng
RT: 3.140 min Scan# 179
Delta R.T. 0.100 min
Lab File: BF137653.D
Acq: 20 Mar 2024 14:09

Tgt Ion: 42 Resp: 237936
Ion Ratio Lower Upper
42 100
74 150.5 114.0 171.0
44 7.2 7.0 10.4

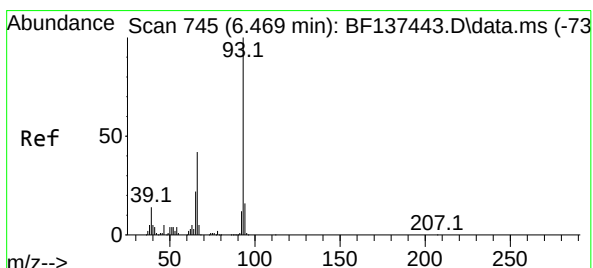
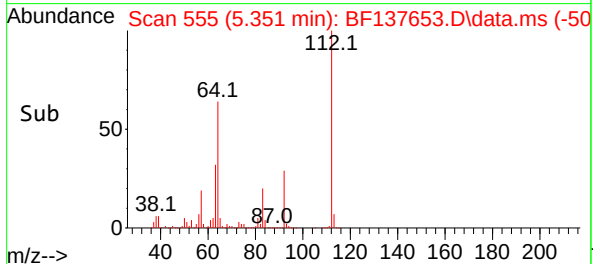
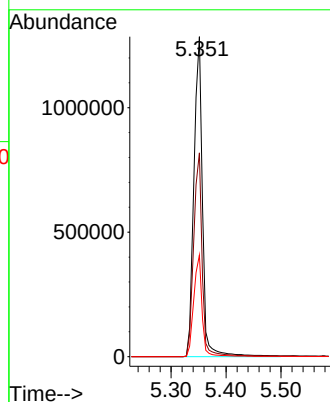
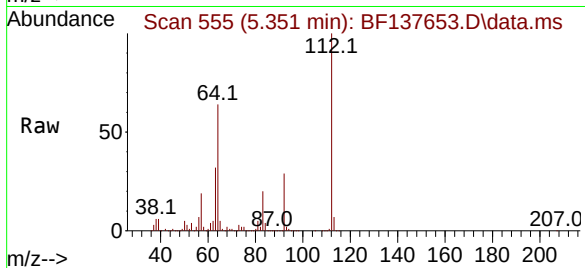




#5
2-Fluorophenol
Concen: 122.420 ng
RT: 5.351 min Scan# 51
Delta R.T. 0.017 min
Lab File: BF137653.D
Acq: 20 Mar 2024 14:09

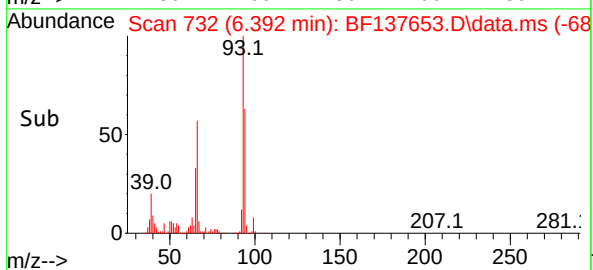
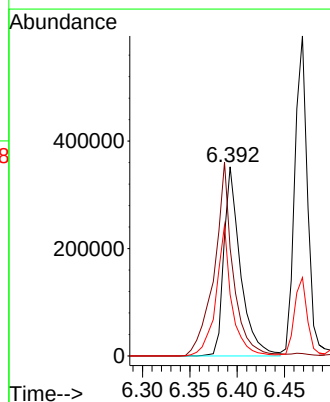
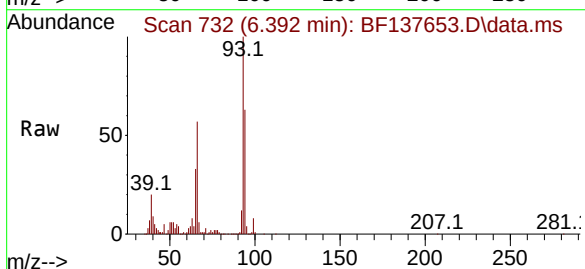
Instrument :
BNA_F
ClientSampleId :
PB159685BS

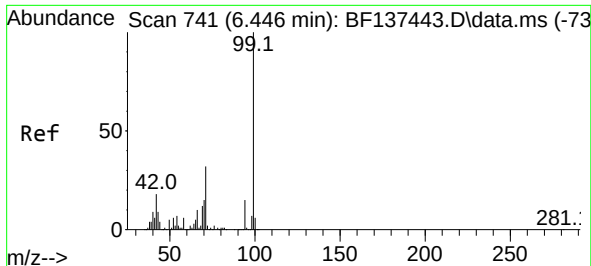
Tgt Ion:112 Resp: 1394258
Ion Ratio Lower Upper
112 100
64 63.7 53.4 80.2
63 31.8 26.2 39.2



#6
Aniline
Concen: 21.356 ng
RT: 6.392 min Scan# 732
Delta R.T. -0.000 min
Lab File: BF137653.D
Acq: 20 Mar 2024 14:09

Tgt Ion: 93 Resp: 429007
Ion Ratio Lower Upper
93 100
66 57.0 34.0 51.0#
65 32.5 17.8 26.8#

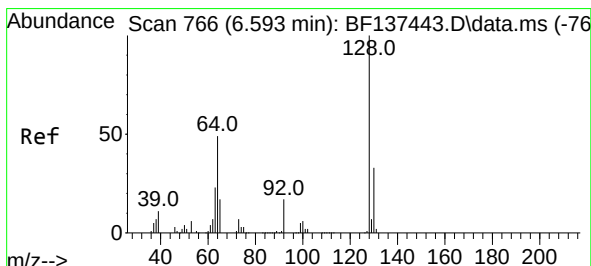
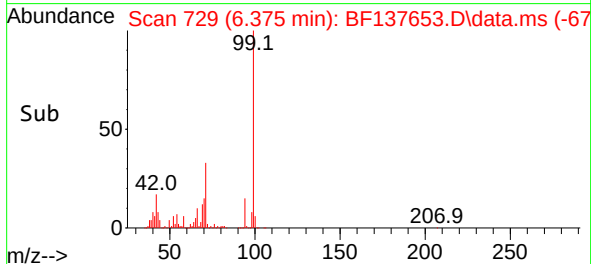
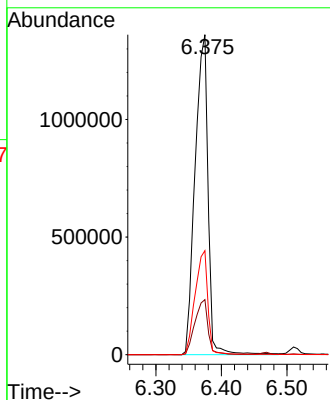
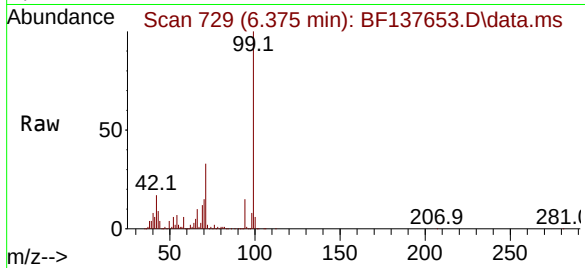




#7
Phenol-d6
Concen: 113.937 ng
RT: 6.375 min Scan# 711
Delta R.T. 0.006 min
Lab File: BF137653.D
Acq: 20 Mar 2024 14:09

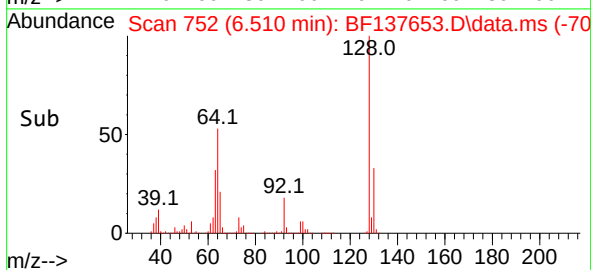
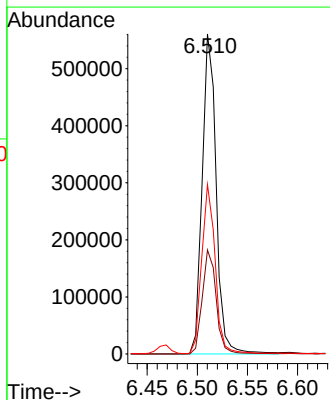
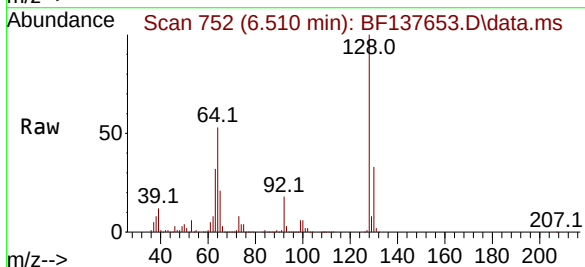
Instrument :
BNA_F
ClientSampleId :
PB159685BS

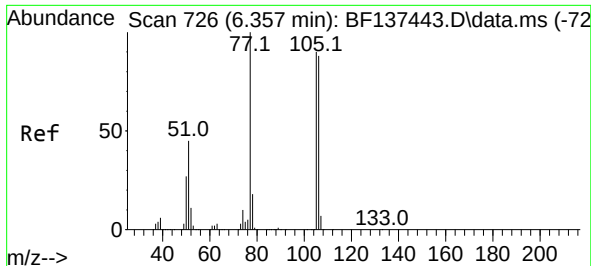
Tgt Ion: 99 Resp: 1873106
Ion Ratio Lower Upper
99 100
42 17.2 14.6 21.8
71 32.5 25.3 37.9



#8
2-Chlorophenol
Concen: 45.495 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF137653.D
Acq: 20 Mar 2024 14:09

Tgt Ion:128 Resp: 546507
Ion Ratio Lower Upper
128 100
130 32.5 13.4 53.4
64 52.9 30.0 70.0

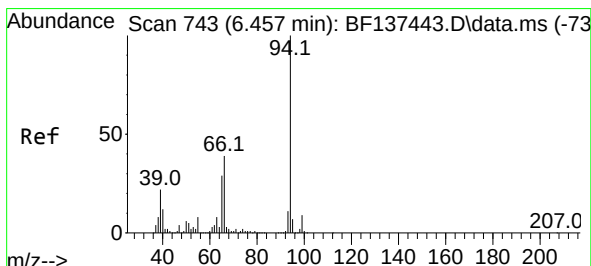
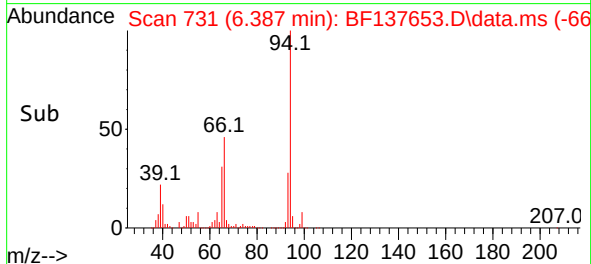
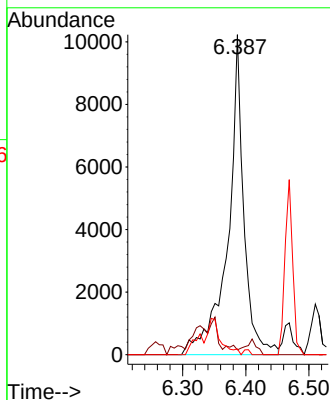
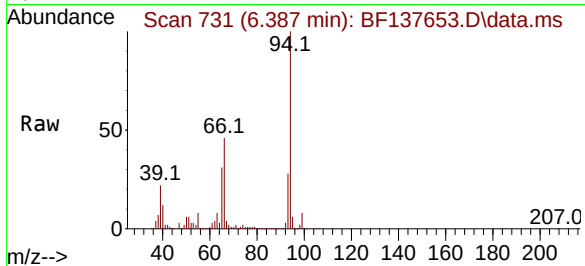




#9
Benzaldehyde
Concen: 2.207 ng
RT: 6.387 min Scan# 71
Delta R.T. 0.106 min
Lab File: BF137653.D
Acq: 20 Mar 2024 14:09

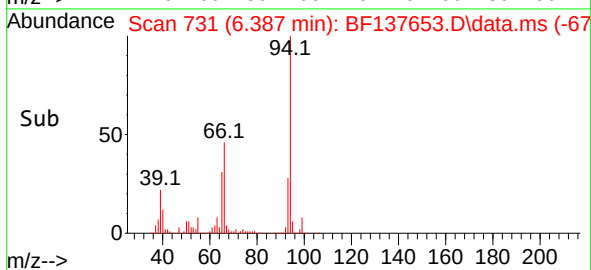
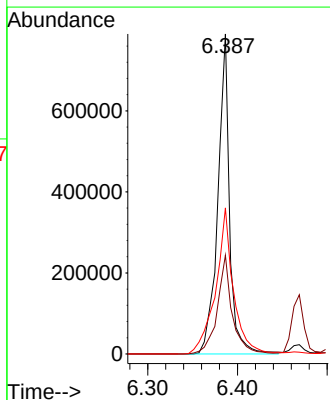
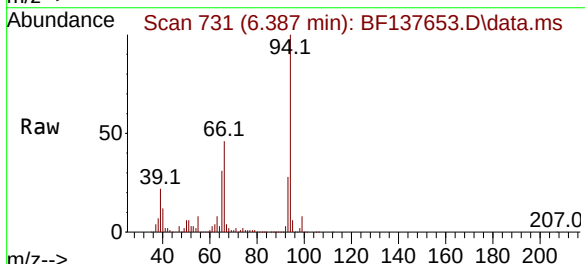
Instrument :
BNA_F
ClientSampleId :
PB159685BS

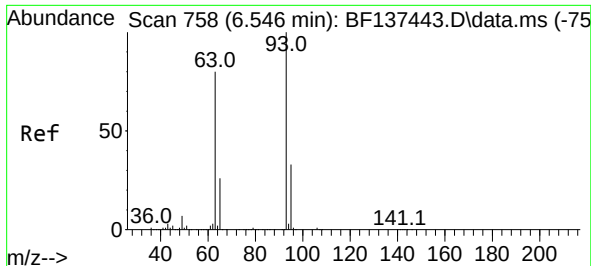
Tgt Ion: 77 Resp: 17772
Ion Ratio Lower Upper
77 100
105 1.5 69.8 109.8#
106 1.8 67.8 107.8#



#10
Phenol
Concen: 40.720 ng
RT: 6.387 min Scan# 731
Delta R.T. 0.006 min
Lab File: BF137653.D
Acq: 20 Mar 2024 14:09

Tgt Ion: 94 Resp: 720524
Ion Ratio Lower Upper
94 100
65 30.9 8.7 48.7
66 45.7 18.6 58.6





#11

bis(2-Chloroethyl)ether

Concen: 41.654 ng

RT: 6.469 min Scan# 745

Delta R.T. -0.000 min

Lab File: BF137653.D

Acq: 20 Mar 2024 14:09

Instrument :

BNA_F

ClientSampleId :

PB159685BS

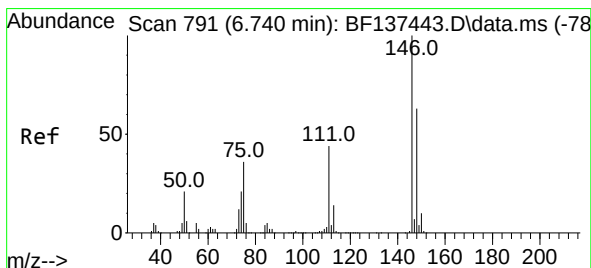
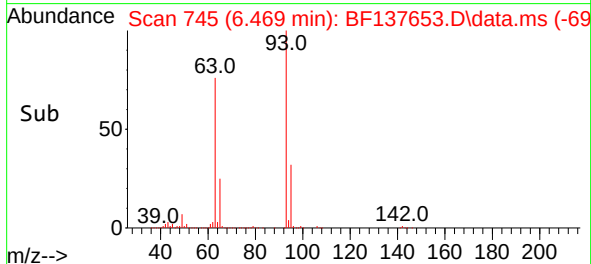
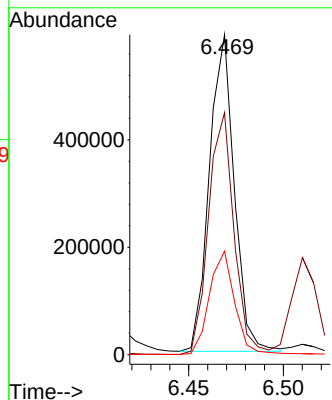
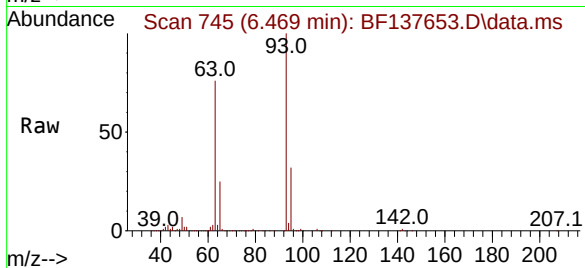
Tgt Ion: 93 Resp: 540113

Ion Ratio Lower Upper

93 100

63 75.6 58.9 98.9

95 32.4 12.2 52.2



#12

1,3-Dichlorobenzene

Concen: 44.796 ng

RT: 6.669 min Scan# 779

Delta R.T. -0.000 min

Lab File: BF137653.D

Acq: 20 Mar 2024 14:09

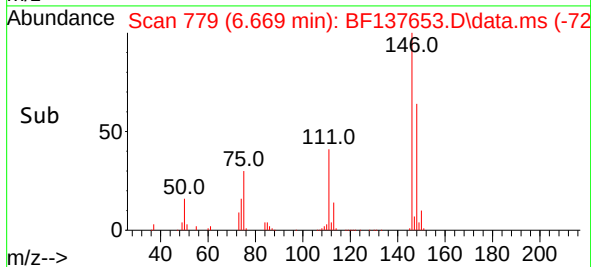
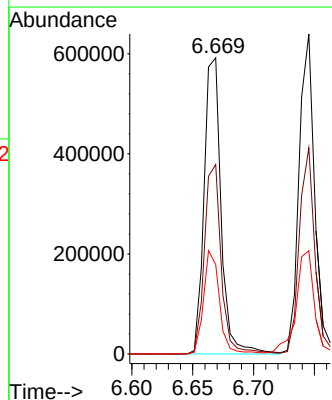
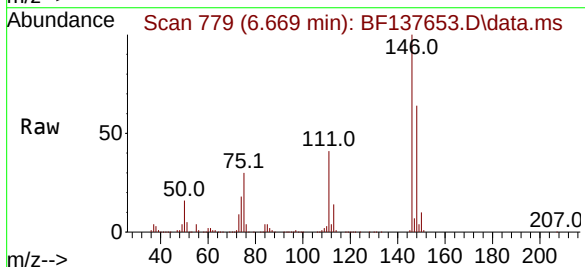
Tgt Ion: 146 Resp: 575017

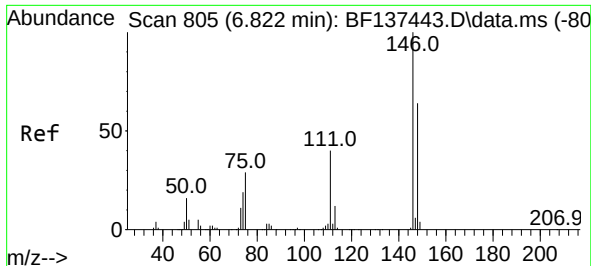
Ion Ratio Lower Upper

146 100

148 64.0 50.3 75.5

75 30.2 29.0 43.4





#13

1,4-Dichlorobenzene

Concen: 43.843 ng

RT: 6.745 min Scan# 74

Delta R.T. -0.000 min

Lab File: BF137653.D

Acq: 20 Mar 2024 14:09

Instrument :

BNA_F

ClientSampleId :

PB159685BS

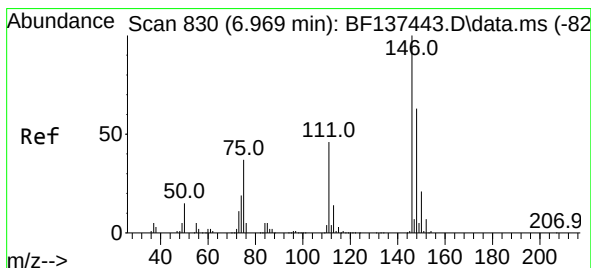
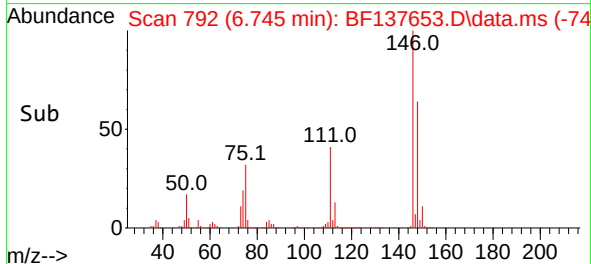
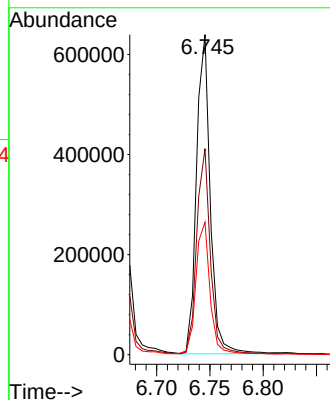
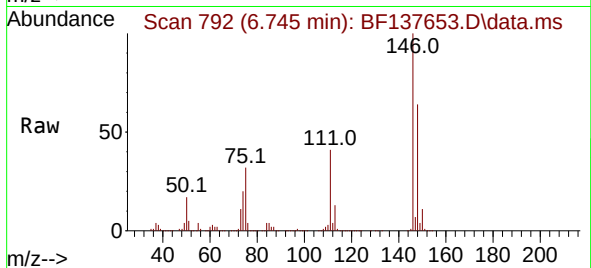
Tgt Ion:146 Resp: 575813

Ion Ratio Lower Upper

146 100

148 64.4 51.2 76.8

111 41.4 32.4 48.6



#14

1,2-Dichlorobenzene

Concen: 45.753 ng

RT: 6.892 min Scan# 817

Delta R.T. -0.006 min

Lab File: BF137653.D

Acq: 20 Mar 2024 14:09

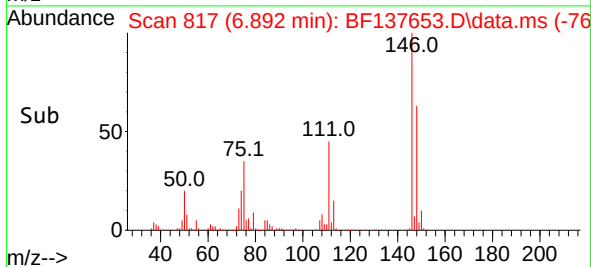
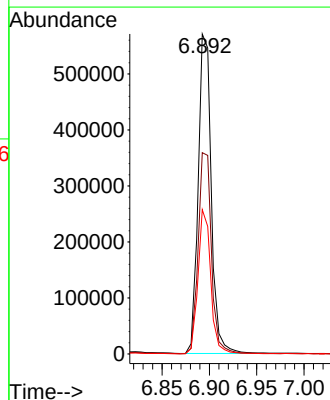
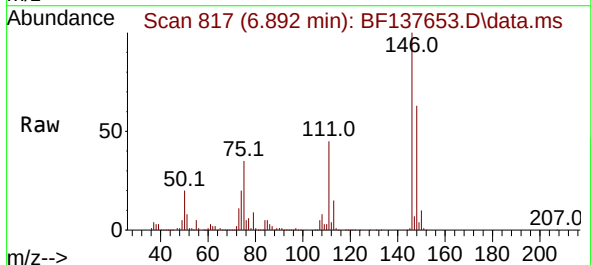
Tgt Ion:146 Resp: 551541

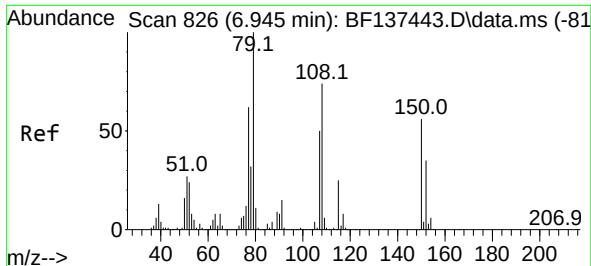
Ion Ratio Lower Upper

146 100

148 62.9 50.0 75.0

111 45.1 36.8 55.2

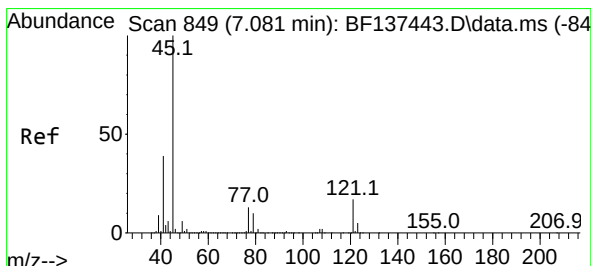
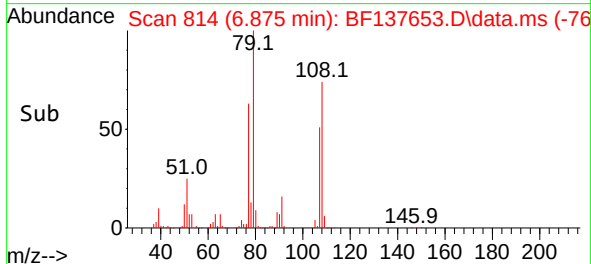
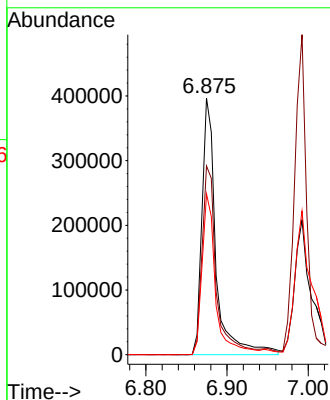
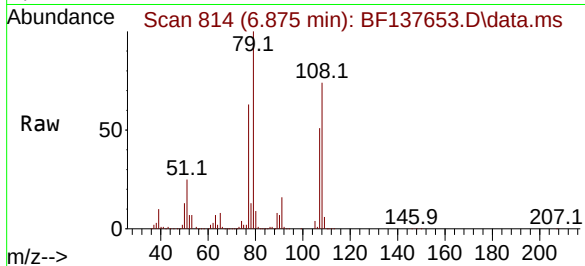




#15
Benzyl Alcohol
Concen: 46.691 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF137653.D
Acq: 20 Mar 2024 14:09

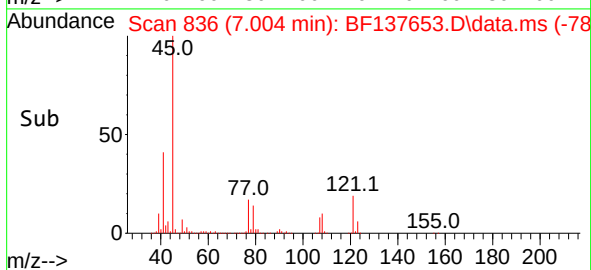
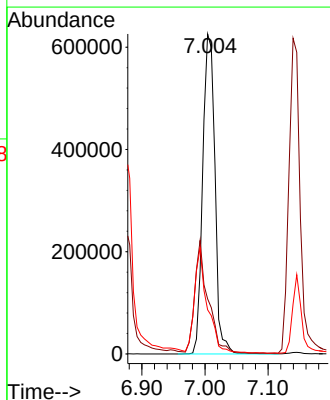
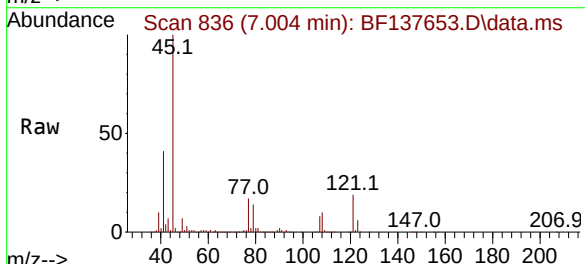
Instrument :
BNA_F
ClientSampleId :
PB159685BS

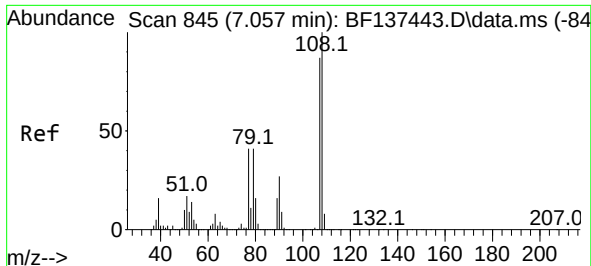
Tgt Ion: 79 Resp: 477869
Ion Ratio Lower Upper
79 100
108 73.5 59.5 89.3
77 62.6 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.881 ng
RT: 7.004 min Scan# 836
Delta R.T. -0.000 min
Lab File: BF137653.D
Acq: 20 Mar 2024 14:09

Tgt Ion: 45 Resp: 844323
Ion Ratio Lower Upper
45 100
77 17.2 0.0 33.4
79 13.8 0.0 30.9

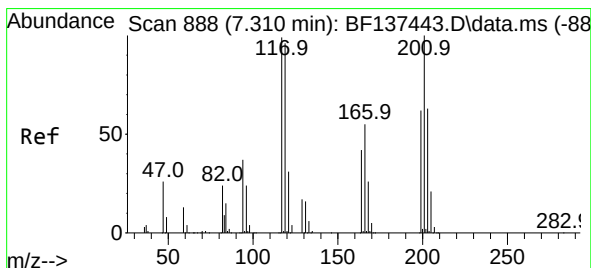
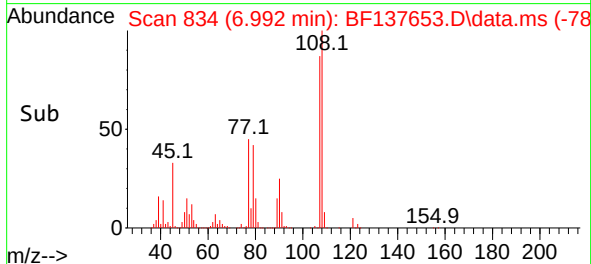
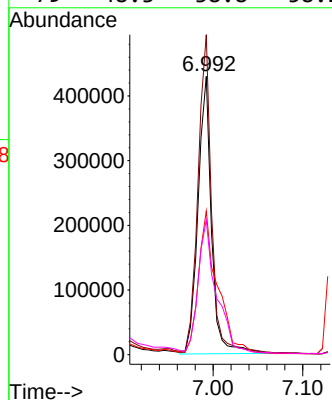
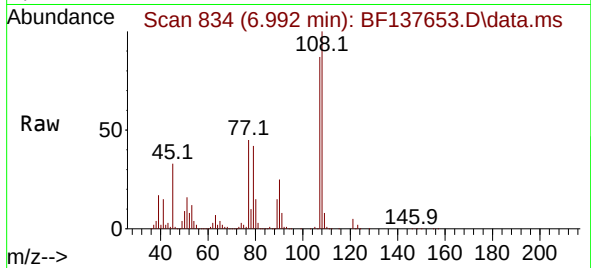




#17
2-Methylphenol
Concen: 39.934 ng
RT: 6.992 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF137653.D
Acq: 20 Mar 2024 14:09

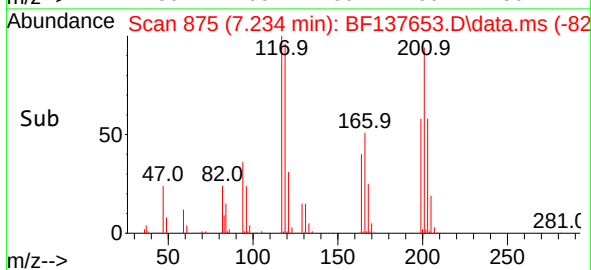
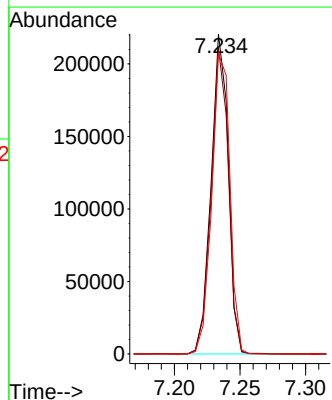
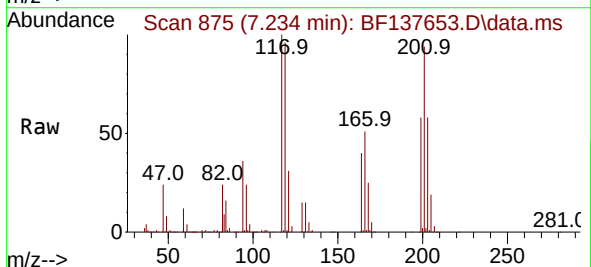
Instrument :
BNA_F
ClientSampleId :
PB159685BS

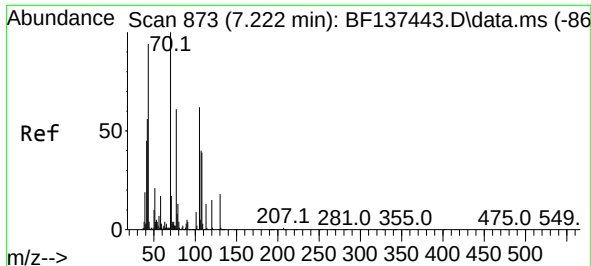
Tgt Ion:107 Resp: 448885
Ion Ratio Lower Upper
107 100
108 115.0 92.2 138.4
77 51.6 38.6 57.8
79 48.3 38.8 58.2



#18
Hexachloroethane
Concen: 46.703 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.000 min
Lab File: BF137653.D
Acq: 20 Mar 2024 14:09

Tgt Ion:117 Resp: 201970
Ion Ratio Lower Upper
117 100
119 95.8 77.5 116.3
201 93.9 80.6 121.0



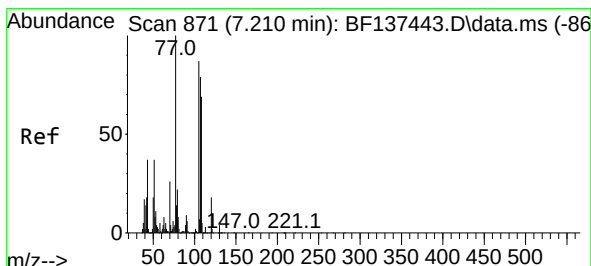
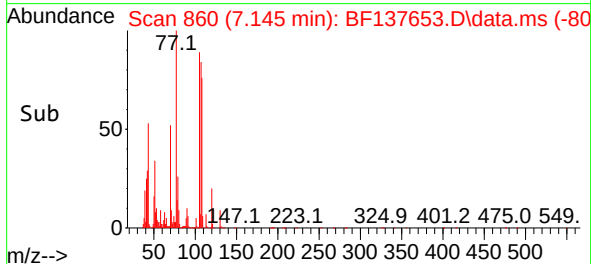
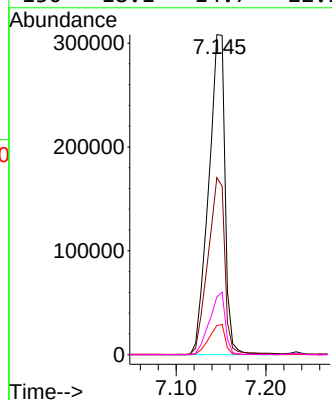
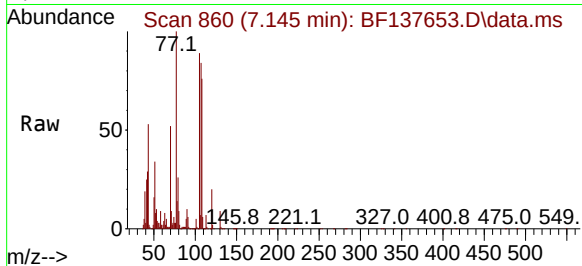


#19
n-Nitroso-di-n-propylamine
Concen: 38.669 ng
RT: 7.145 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF137653.D
Acq: 20 Mar 2024 14:09

Instrument :
BNA_F
ClientSampleId :
PB159685BS

Tgt Ion: 70 Resp: 392558

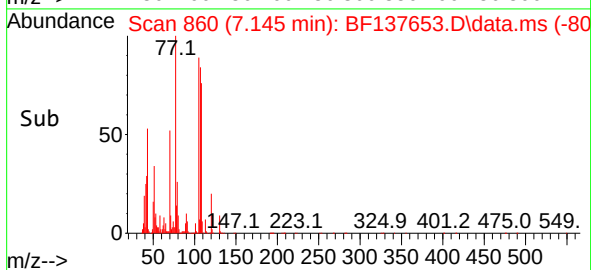
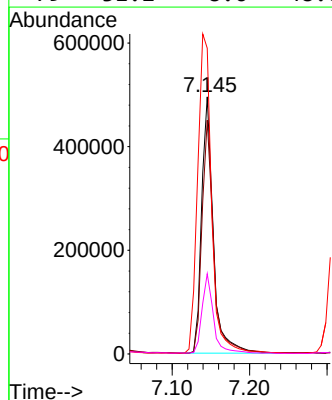
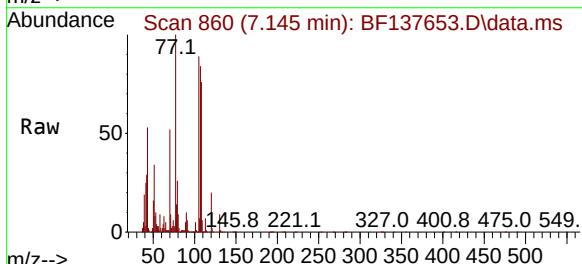
Ion	Ratio	Lower	Upper
70	100		
42	55.3	45.2	67.8
101	9.1	7.3	10.9
130	18.1	14.7	22.1

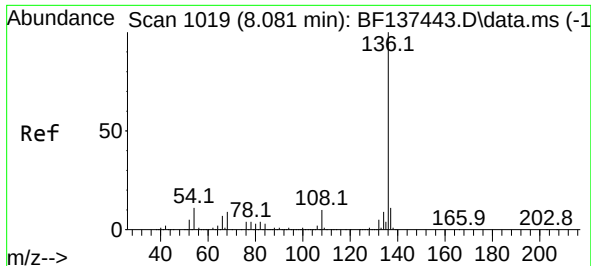


#20
3+4-Methylphenols
Concen: 40.225 ng
RT: 7.145 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF137653.D
Acq: 20 Mar 2024 14:09

Tgt Ion: 107 Resp: 517841

Ion	Ratio	Lower	Upper
107	100		
108	90.9	67.6	107.6
77	119.0	107.1	147.1
79	31.2	8.6	48.6





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF137653.D
Acq: 20 Mar 2024 14:09

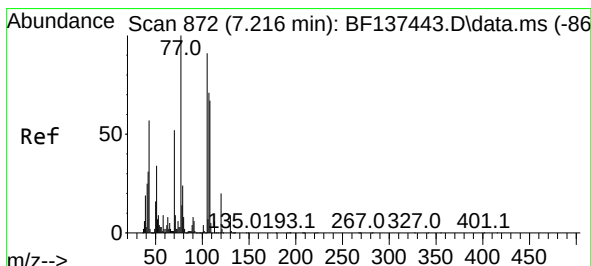
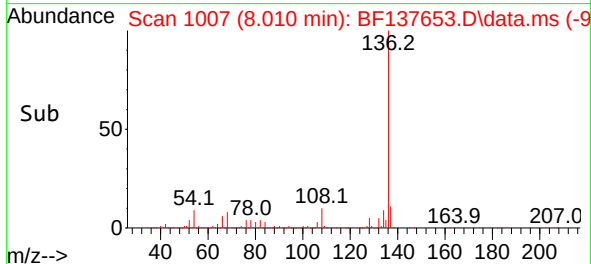
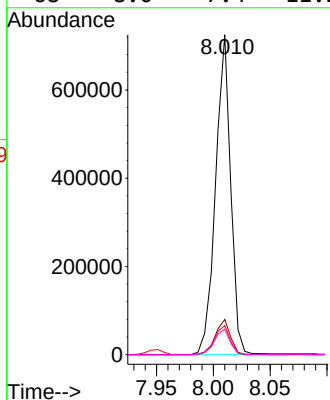
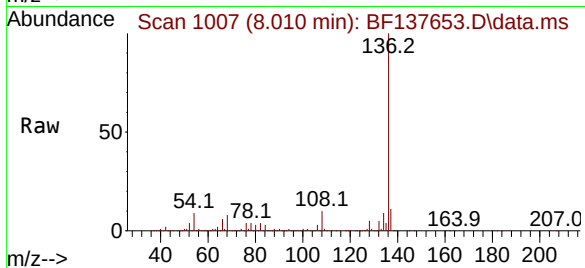
Instrument :

BNA_F

ClientSampleId :

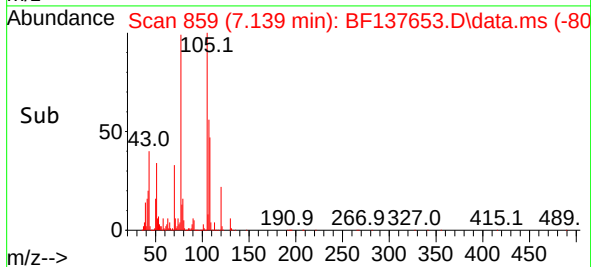
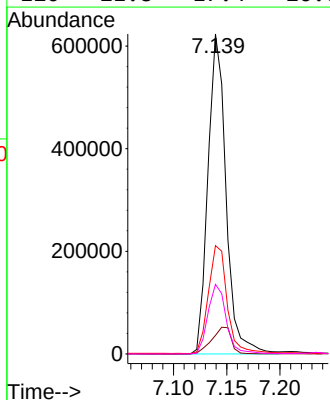
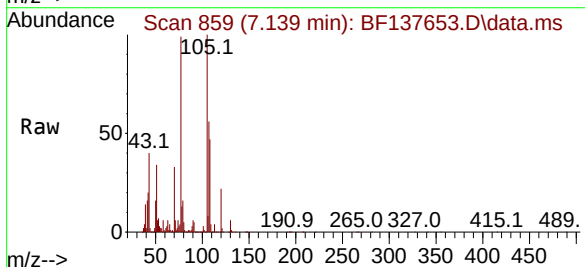
PB159685BS

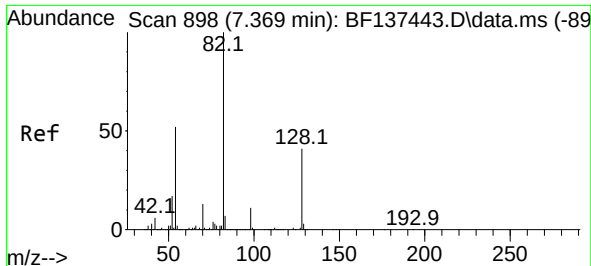
Tgt Ion:136 Resp: 672864
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 9.1 8.5 12.7
68 8.0 7.4 11.2



#22
Acetophenone
Concen: 45.381 ng
RT: 7.139 min Scan# 859
Delta R.T. -0.000 min
Lab File: BF137653.D
Acq: 20 Mar 2024 14:09

Tgt Ion:105 Resp: 738813
Ion Ratio Lower Upper
105 100
71 5.8 7.7 11.5#
51 33.8 30.4 45.6
120 21.8 17.4 26.0





#23

Nitrobenzene-d5

Concen: 82.807 ng

RT: 7.298 min Scan# 886

Delta R.T. -0.000 min

Lab File: BF137653.D

Acq: 20 Mar 2024 14:09

Instrument :

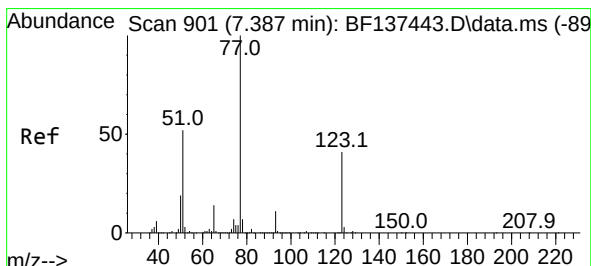
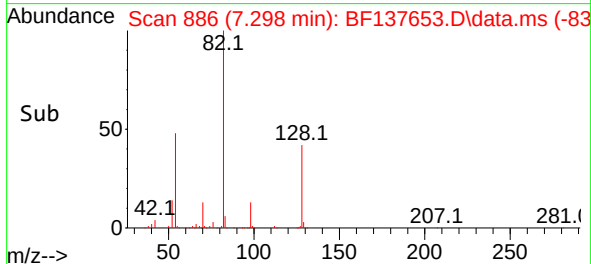
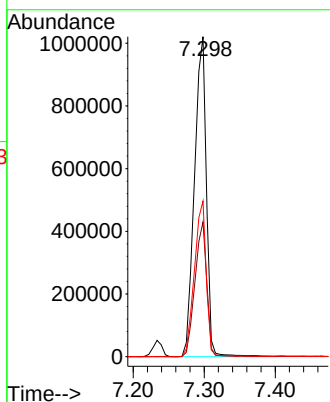
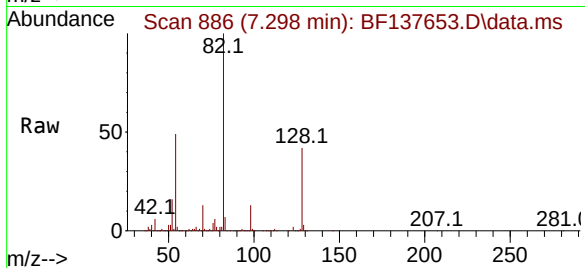
BNA_F

ClientSampleId :

PB159685BS

Tgt Ion: 82 Resp: 1199156

Ion	Ratio	Lower	Upper
82	100		
128	42.1	32.5	48.7
54	48.7	41.5	62.3



#24

Nitrobenzene

Concen: 42.008 ng

RT: 7.316 min Scan# 889

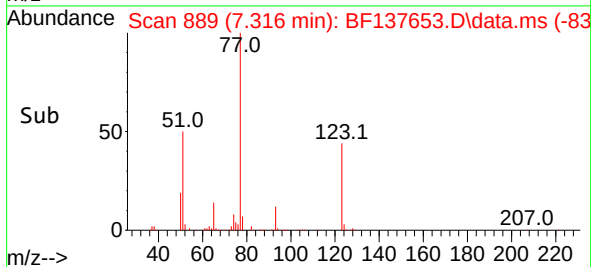
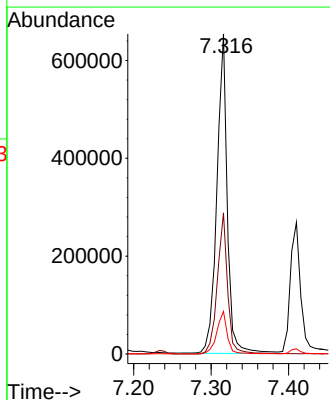
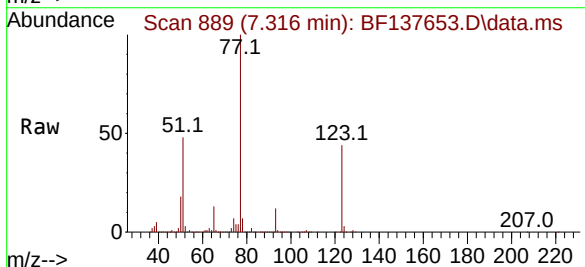
Delta R.T. -0.000 min

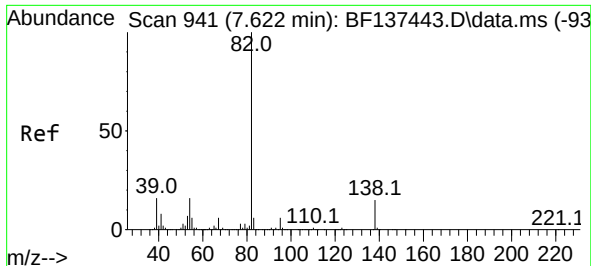
Lab File: BF137653.D

Acq: 20 Mar 2024 14:09

Tgt Ion: 77 Resp: 611097

Ion	Ratio	Lower	Upper
77	100		
123	44.1	33.0	49.6
65	13.3	10.9	16.3

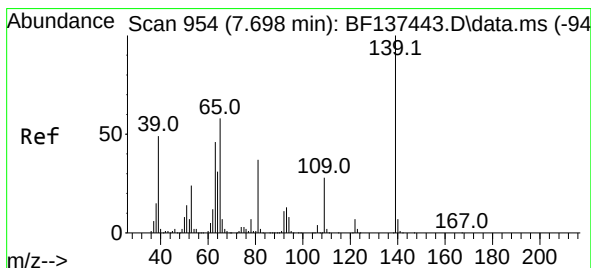
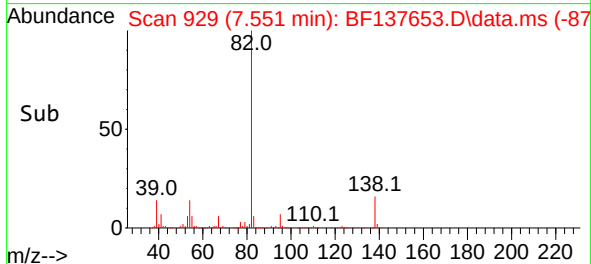
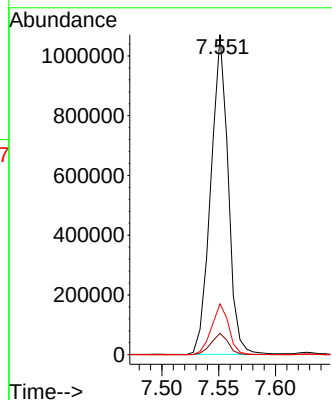
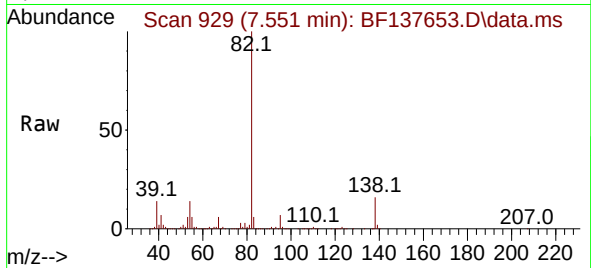




#25
Isophorone
Concen: 41.267 ng
RT: 7.551 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF137653.D
Acq: 20 Mar 2024 14:09

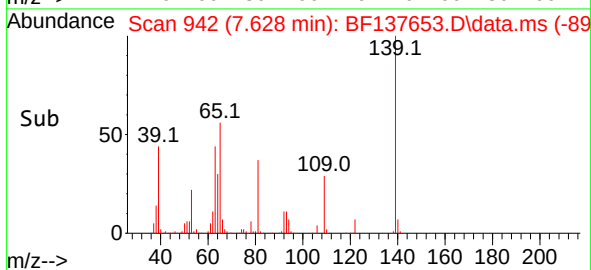
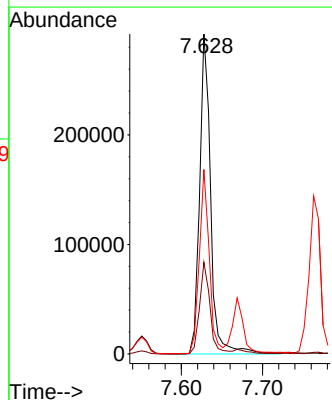
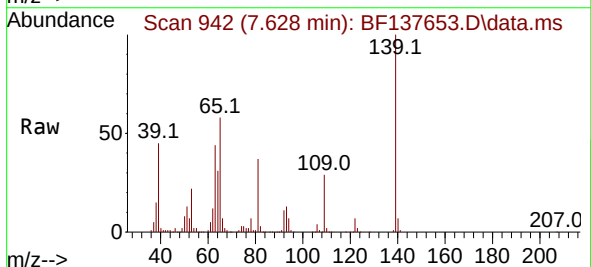
Instrument :
BNA_F
ClientSampleId :
PB159685BS

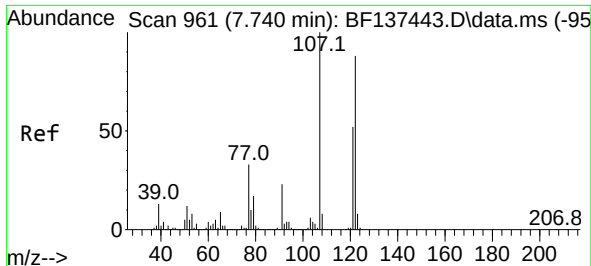
Tgt Ion: 82 Resp: 1135356
Ion Ratio Lower Upper
82 100
95 6.7 5.1 7.7
138 15.9 11.8 17.8



#26
2-Nitrophenol
Concen: 47.930 ng
RT: 7.628 min Scan# 942
Delta R.T. -0.000 min
Lab File: BF137653.D
Acq: 20 Mar 2024 14:09

Tgt Ion:139 Resp: 276820
Ion Ratio Lower Upper
139 100
109 28.6 22.2 33.4
65 57.7 46.2 69.2





#27

2,4-Dimethylphenol

Concen: 39.338 ng

RT: 7.669 min Scan# 94

Delta R.T. -0.000 min

Lab File: BF137653.D

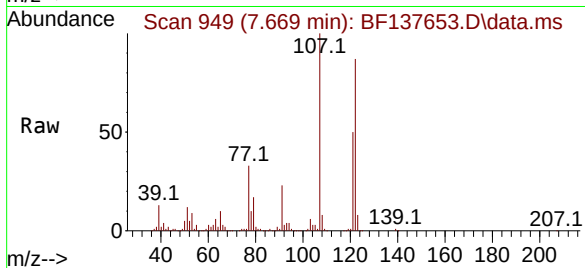
Acq: 20 Mar 2024 14:09

Instrument :

BNA_F

ClientSampleId :

PB159685BS



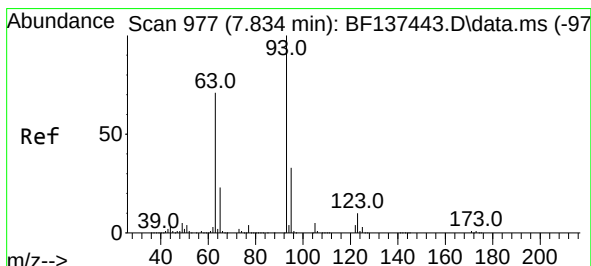
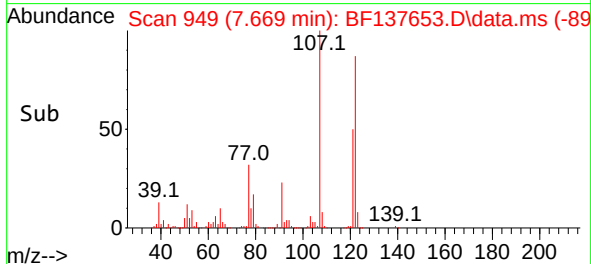
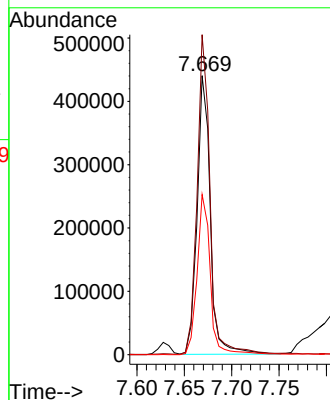
Tgt Ion:122 Resp: 424517

Ion Ratio Lower Upper

122 100

107 114.7 90.9 136.3

121 57.4 47.0 70.6



#28

bis(2-Chloroethoxy)methane

Concen: 41.917 ng

RT: 7.763 min Scan# 965

Delta R.T. -0.000 min

Lab File: BF137653.D

Acq: 20 Mar 2024 14:09

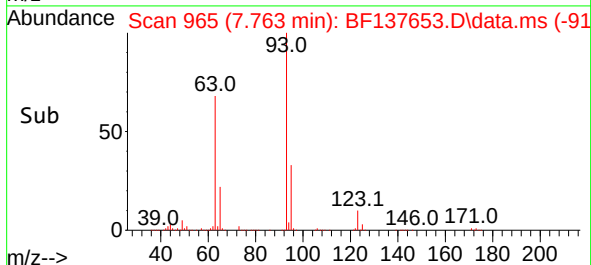
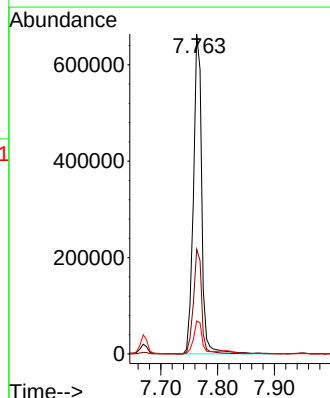
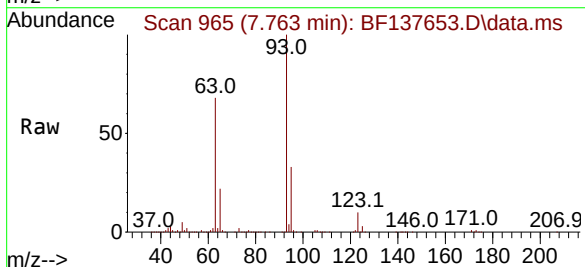
Tgt Ion: 93 Resp: 676630

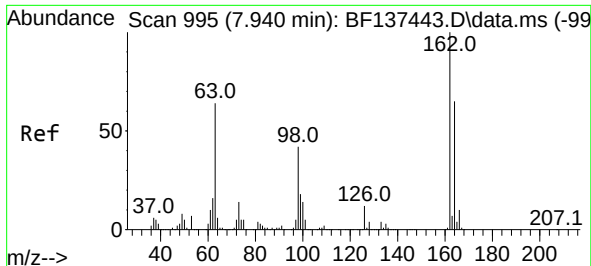
Ion Ratio Lower Upper

93 100

95 32.7 26.5 39.7

123 10.3 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 44.676 ng

RT: 7.869 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF137653.D

Acq: 20 Mar 2024 14:09

Instrument :

BNA_F

ClientSampleId :

PB159685BS

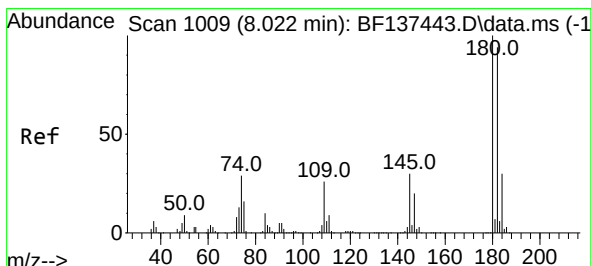
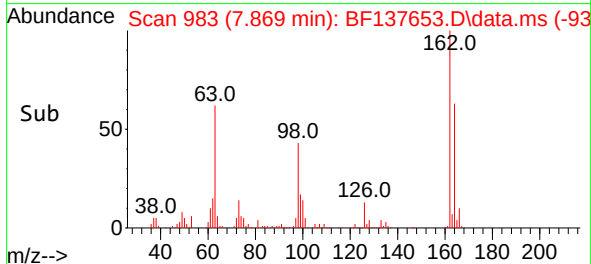
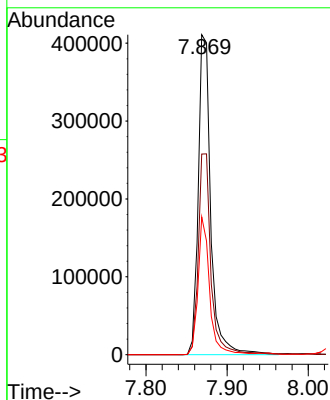
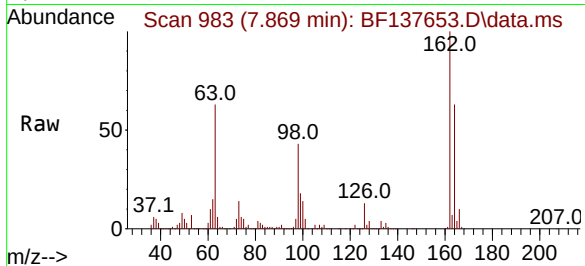
Tgt Ion:162 Resp: 442486

Ion Ratio Lower Upper

162 100

164 62.7 44.7 84.7

98 43.1 22.0 62.0



#30

1,2,4-Trichlorobenzene

Concen: 44.799 ng

RT: 7.951 min Scan# 997

Delta R.T. -0.000 min

Lab File: BF137653.D

Acq: 20 Mar 2024 14:09

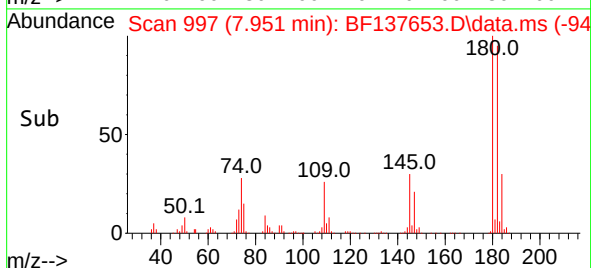
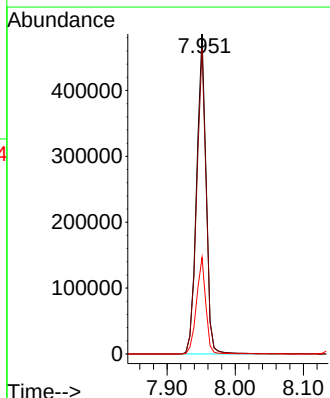
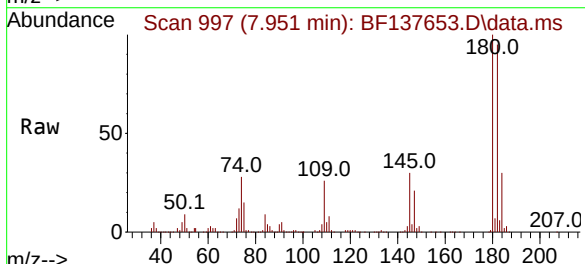
Tgt Ion:180 Resp: 466924

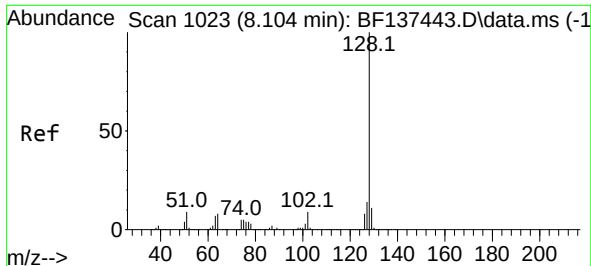
Ion Ratio Lower Upper

180 100

182 95.3 75.0 112.6

145 30.2 23.7 35.5

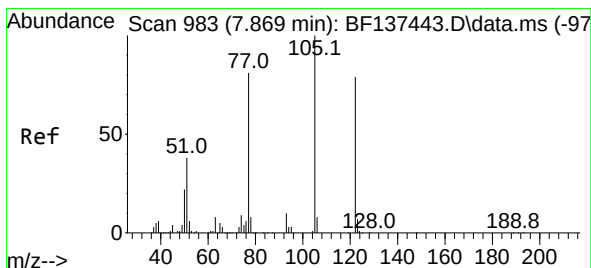
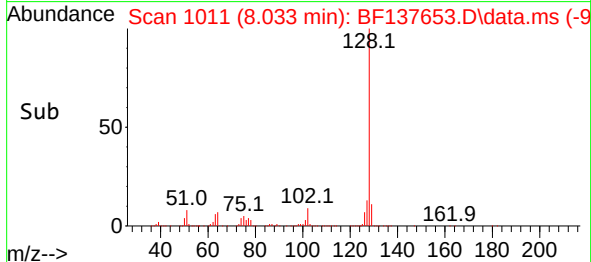
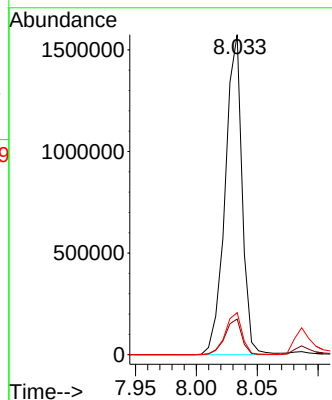
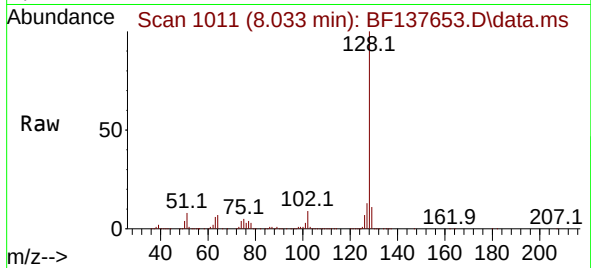




#31
Naphthalene
Concen: 42.229 ng
RT: 8.033 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF137653.D
Acq: 20 Mar 2024 14:09

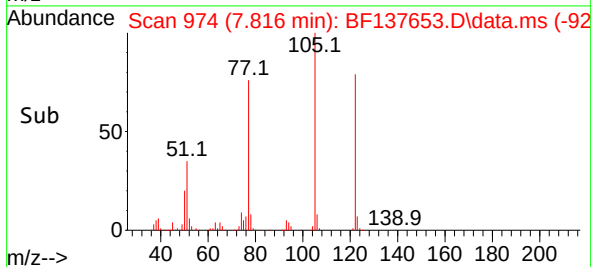
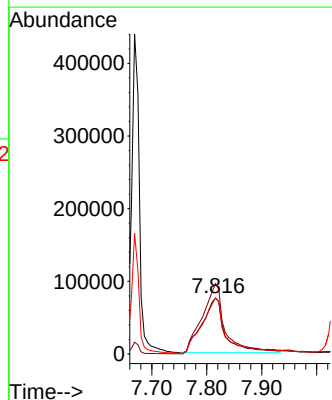
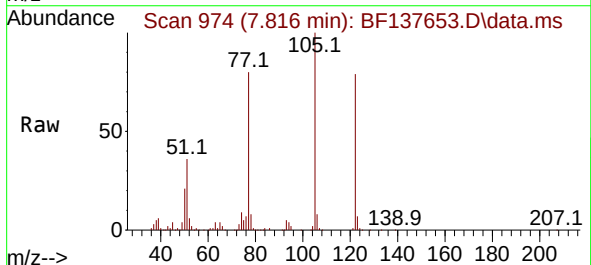
Instrument :
BNA_F
ClientSampleId :
PB159685BS

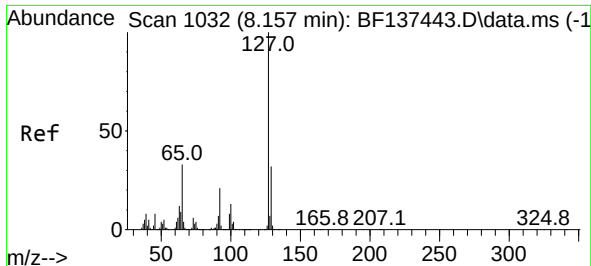
Tgt Ion:128 Resp: 1524530
Ion Ratio Lower Upper
128 100
129 11.2 9.2 13.8
127 13.1 10.8 16.2



#32
Benzoic acid
Concen: 37.717 ng
RT: 7.816 min Scan# 974
Delta R.T. 0.017 min
Lab File: BF137653.D
Acq: 20 Mar 2024 14:09

Tgt Ion:122 Resp: 224748
Ion Ratio Lower Upper
122 100
105 126.4 102.4 142.4
77 100.7 81.1 121.1

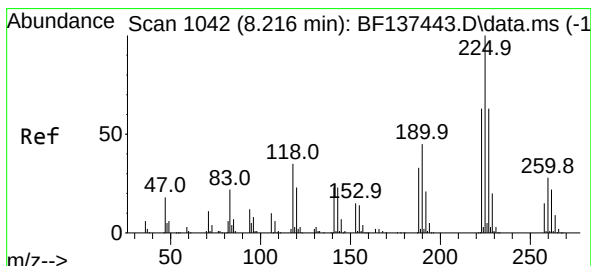
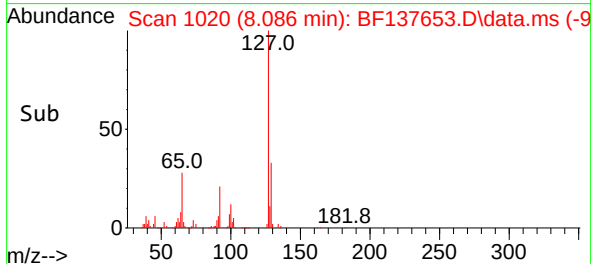
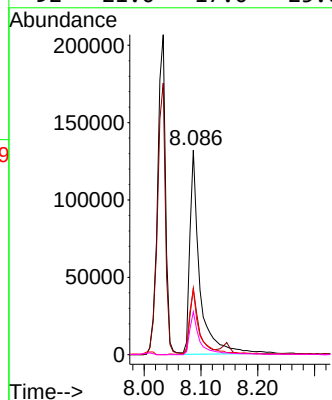
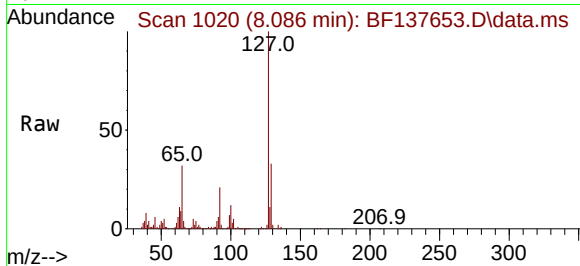




#33
4-Chloroaniline
Concen: 11.313 ng
RT: 8.086 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF137653.D
Acq: 20 Mar 2024 14:09

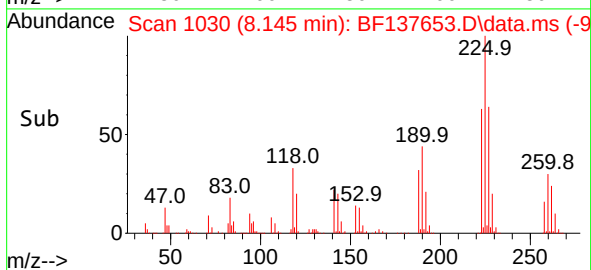
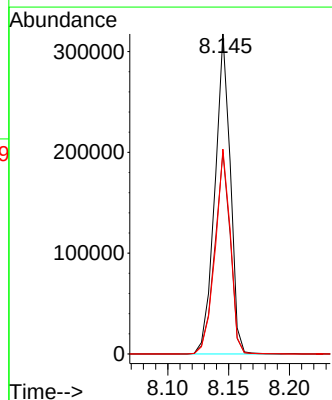
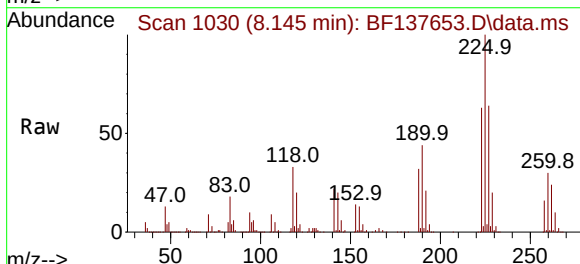
Instrument :
BNA_F
ClientSampleId :
PB159685BS

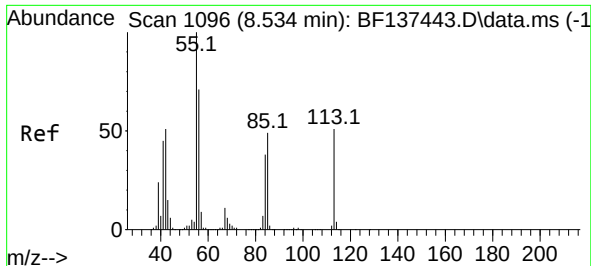
Tgt Ion:127	Resp: 160155
Ion Ratio	Lower Upper
127 100	
129 32.6	26.0 39.0
65 31.8	26.8 40.2
92 21.0	17.0 25.6



#34
Hexachlorobutadiene
Concen: 45.188 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF137653.D
Acq: 20 Mar 2024 14:09

Tgt Ion:225	Resp: 278056		
Ion Ratio	Lower	Upper	
225	100		
223	62.9	50.7	76.1
227	64.0	50.6	75.8

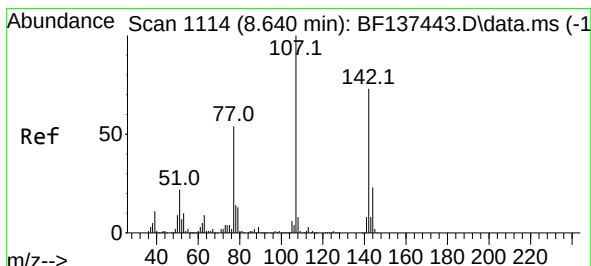
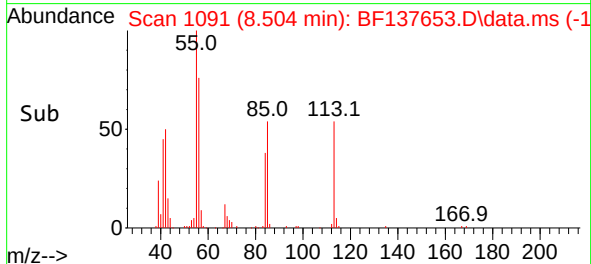
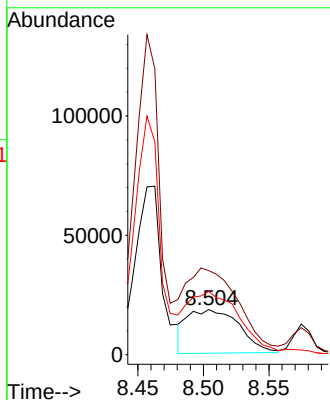
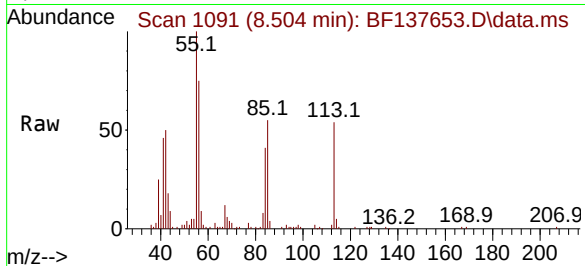




#35
 Caprolactam
 Concen: 15.033 ng
 RT: 8.504 min Scan# 1103
 Delta R.T. 0.047 min
 Lab File: BF137653.D
 Acq: 20 Mar 2024 14:09

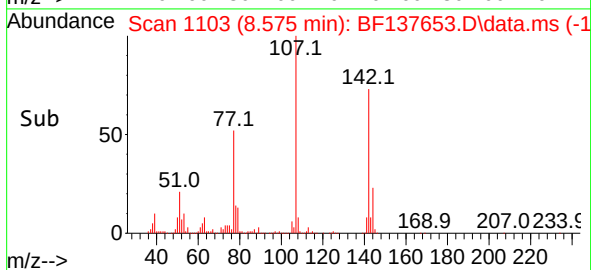
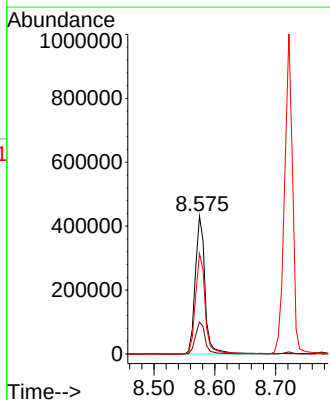
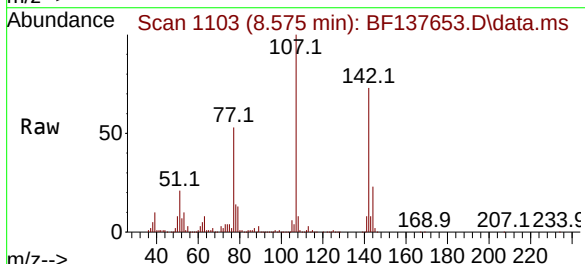
Instrument :
 BNA_F
 ClientSampleId :
 PB159685BS

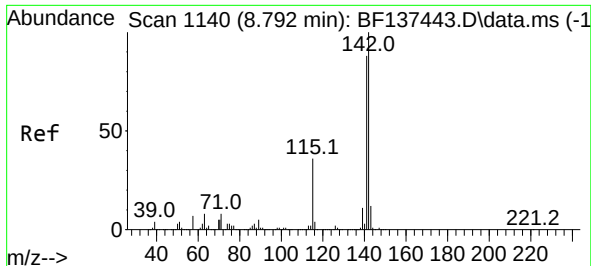
Tgt Ion:113 Resp: 50488
 Ion Ratio Lower Upper
 113 100
 55 186.4 176.7 216.7
 56 140.2 120.6 160.6



#36
 4-Chloro-3-methylphenol
 Concen: 43.239 ng
 RT: 8.575 min Scan# 1103
 Delta R.T. 0.006 min
 Lab File: BF137653.D
 Acq: 20 Mar 2024 14:09

Tgt Ion:107 Resp: 478700
 Ion Ratio Lower Upper
 107 100
 144 23.2 18.7 28.1
 142 72.9 58.2 87.2





#37

2-Methylnaphthalene

Concen: 39.820 ng

RT: 8.722 min Scan# 1140

Delta R.T. -0.000 min

Lab File: BF137653.D

Acq: 20 Mar 2024 14:09

Instrument :

BNA_F

ClientSampleId :

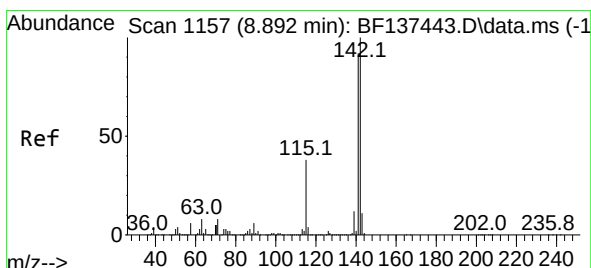
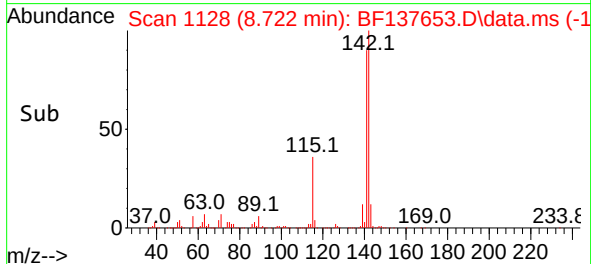
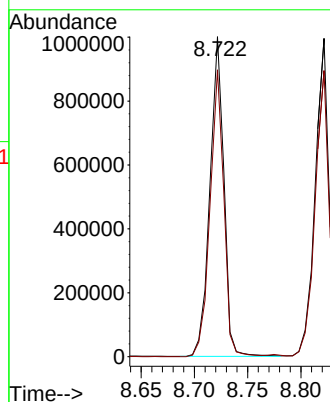
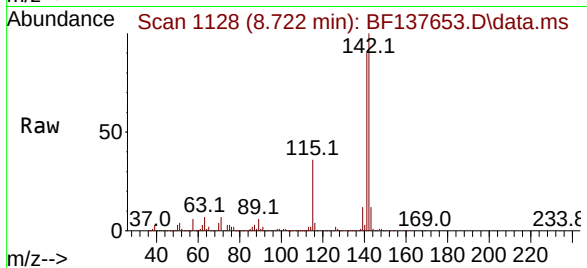
PB159685BS

Tgt Ion:142 Resp: 916441

Ion Ratio Lower Upper

142 100

141 89.6 70.4 105.6



#38

1-Methylnaphthalene

Concen: 41.317 ng

RT: 8.822 min Scan# 1145

Delta R.T. -0.000 min

Lab File: BF137653.D

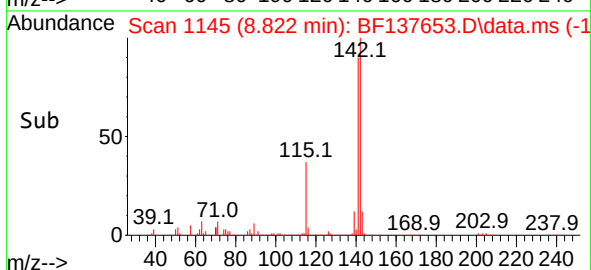
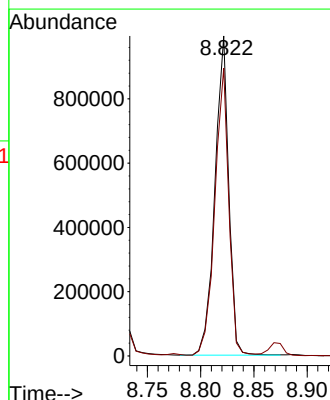
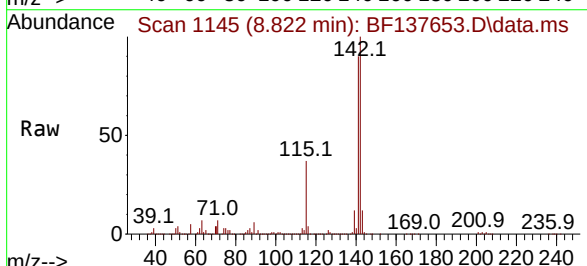
Acq: 20 Mar 2024 14:09

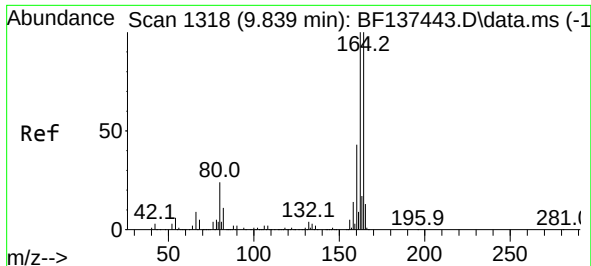
Tgt Ion:142 Resp: 895482

Ion Ratio Lower Upper

142 100

141 89.9 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.763 min Scan# 1156

Delta R.T. -0.000 min

Lab File: BF137653.D

Acq: 20 Mar 2024 14:09

Instrument :

BNA_F

ClientSampleId :

PB159685BS

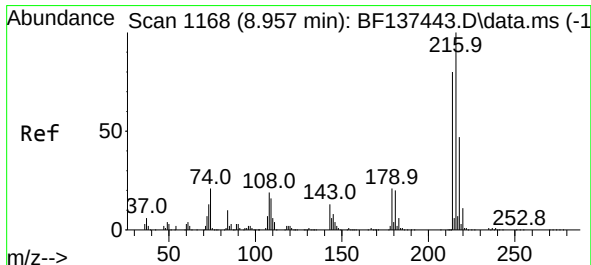
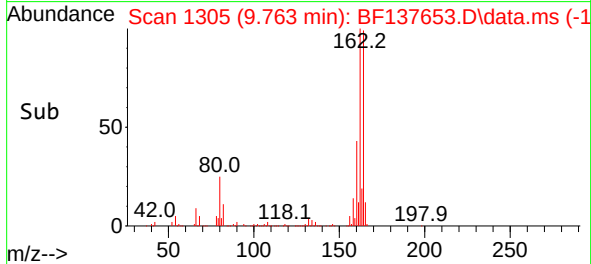
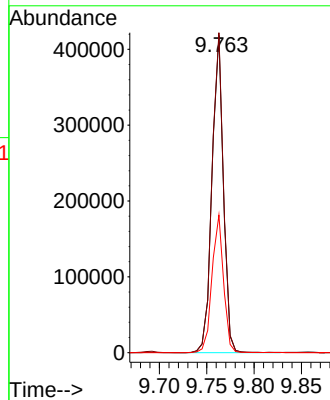
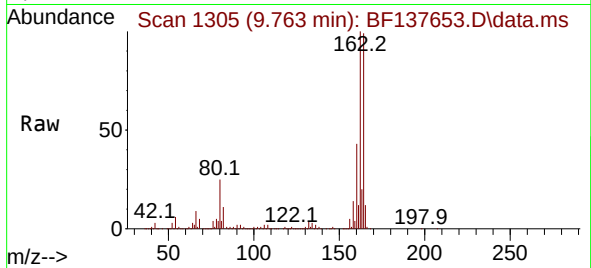
Tgt Ion:164 Resp: 348586

Ion Ratio Lower Upper

164 100

162 100.9 79.8 119.8

160 43.4 34.4 51.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.199 ng

RT: 8.886 min Scan# 1156

Delta R.T. -0.000 min

Lab File: BF137653.D

Acq: 20 Mar 2024 14:09

Tgt Ion:216 Resp: 478789

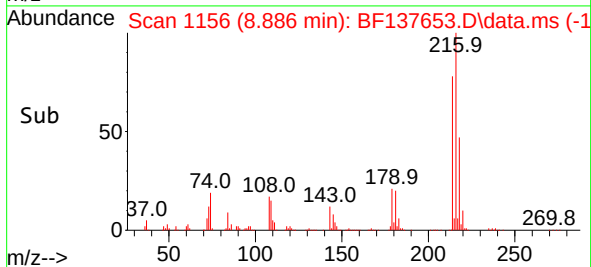
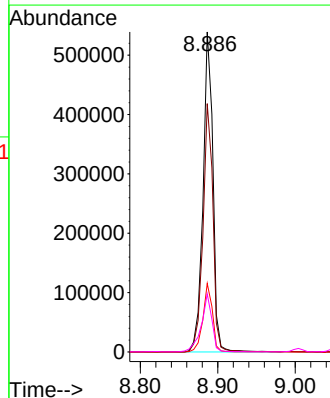
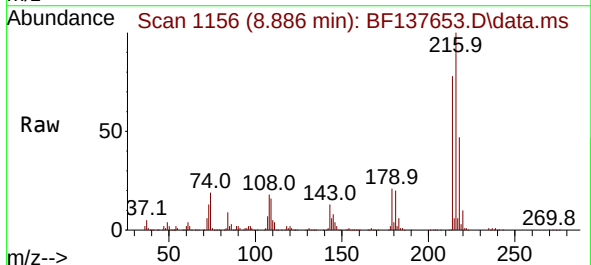
Ion Ratio Lower Upper

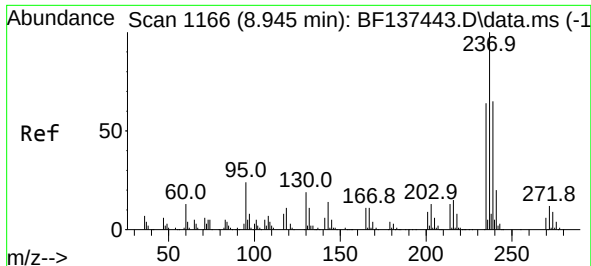
216 100

214 78.3 63.5 95.3

179 20.7 16.6 25.0

108 19.4 15.5 23.3

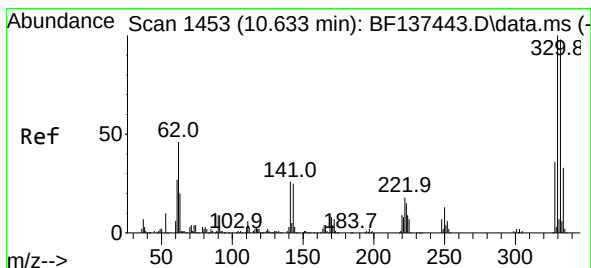
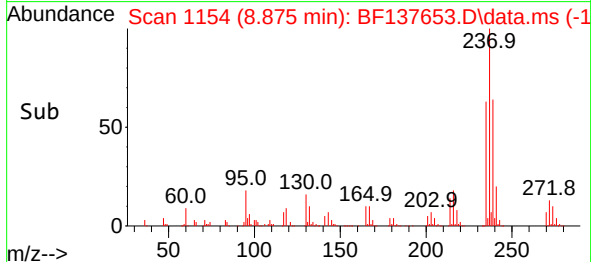
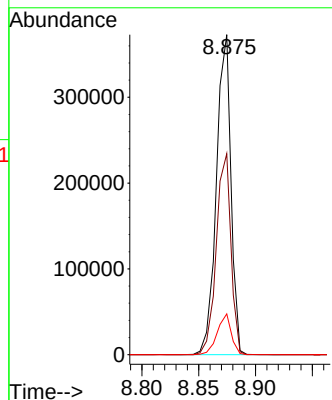
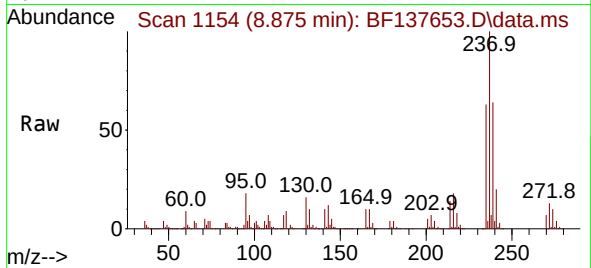




#41
Hexachlorocyclopentadiene
Concen: 83.408 ng
RT: 8.875 min Scan# 1166
Delta R.T. 0.006 min
Lab File: BF137653.D
Acq: 20 Mar 2024 14:09

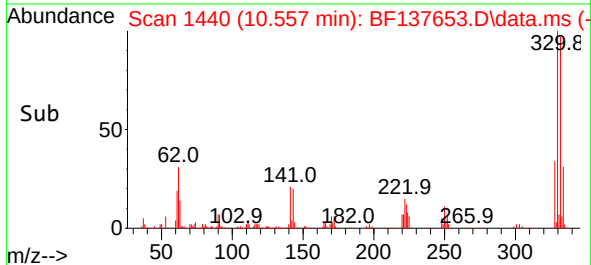
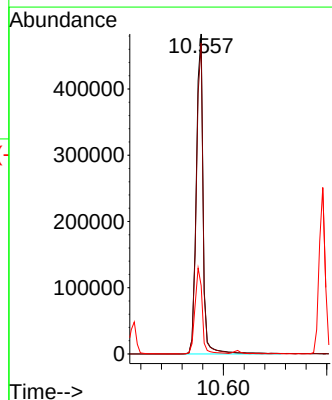
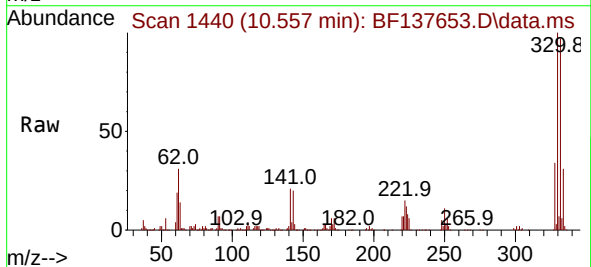
Instrument :
BNA_F
ClientSampleId :
PB159685BS

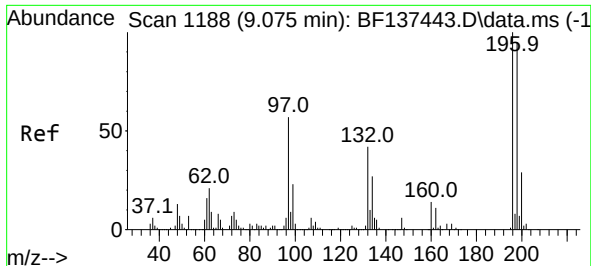
Tgt Ion:237 Resp: 332803
Ion Ratio Lower Upper
237 100
235 62.8 43.6 83.6
272 12.7 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 144.287 ng
RT: 10.557 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF137653.D
Acq: 20 Mar 2024 14:09

Tgt Ion:330 Resp: 441689
Ion Ratio Lower Upper
330 100
332 95.3 78.0 117.0
141 28.6 27.3 40.9

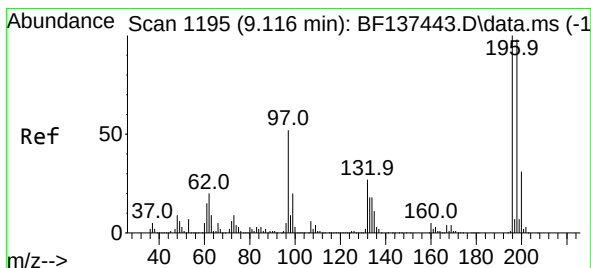
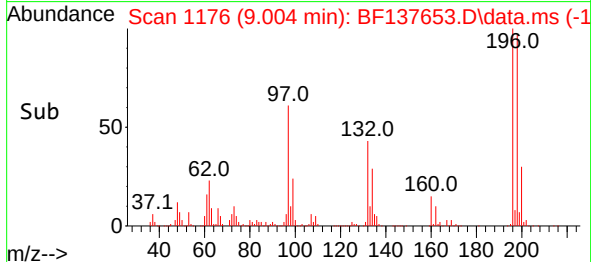
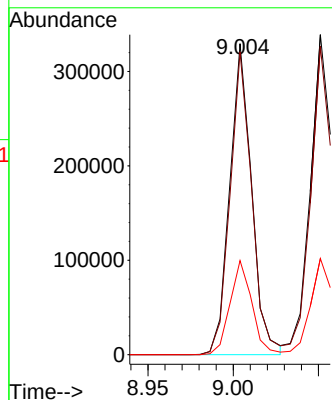
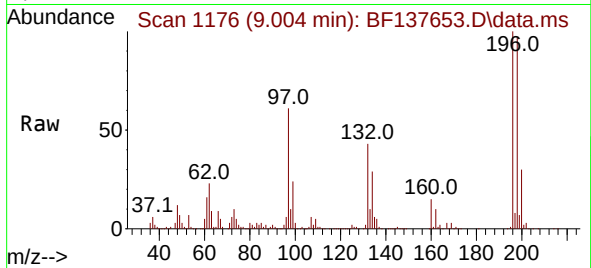




#43
2,4,6-Trichlorophenol
Concen: 46.408 ng
RT: 9.004 min Scan# 1184
Delta R.T. 0.006 min
Lab File: BF137653.D
Acq: 20 Mar 2024 14:09

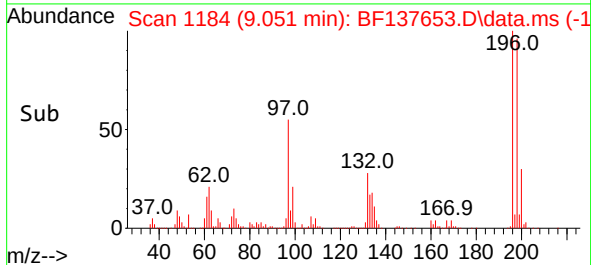
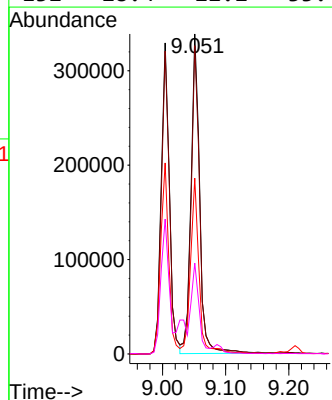
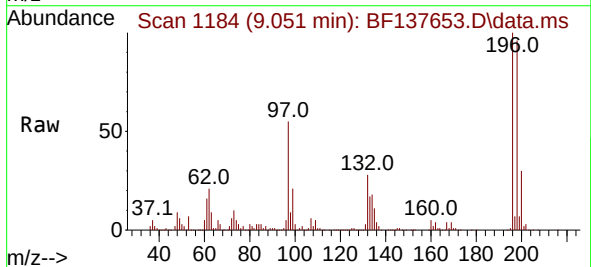
Instrument :
BNA_F
ClientSampleId :
PB159685BS

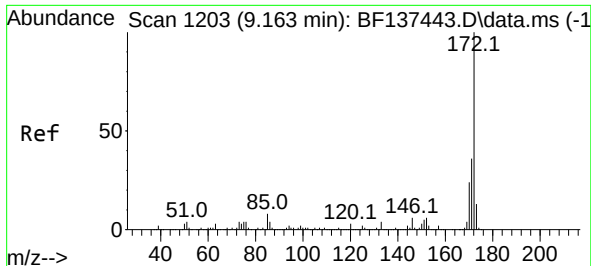
Tgt Ion:196 Resp: 294104
Ion Ratio Lower Upper
196 100
198 97.4 75.8 113.8
200 30.3 23.5 35.3



#44
2,4,5-Trichlorophenol
Concen: 44.404 ng
RT: 9.051 min Scan# 1184
Delta R.T. 0.012 min
Lab File: BF137653.D
Acq: 20 Mar 2024 14:09

Tgt Ion:196 Resp: 324161
Ion Ratio Lower Upper
196 100
198 96.3 78.6 117.8
97 54.9 41.8 62.8
132 28.4 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 86.316 ng

RT: 9.086 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF137653.D

Acq: 20 Mar 2024 14:09

Instrument :

BNA_F

ClientSampleId :

PB159685BS

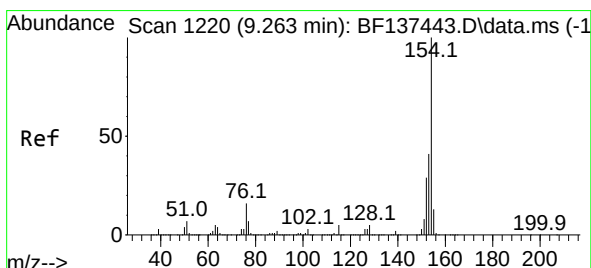
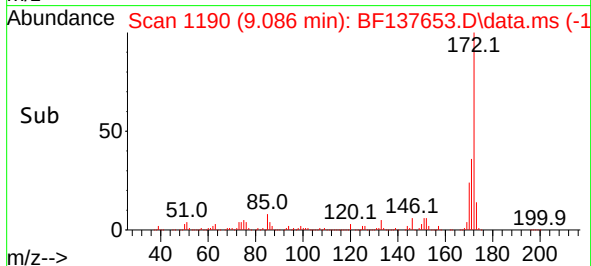
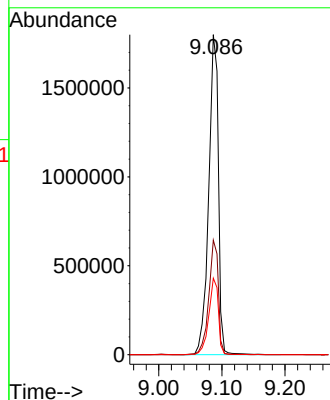
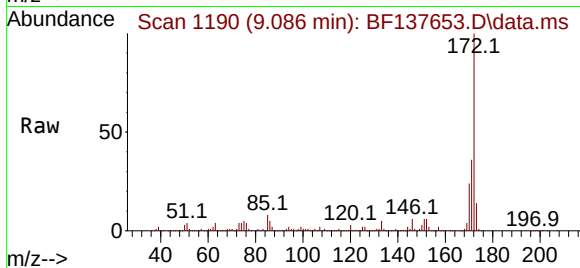
Tgt Ion:172 Resp: 1922149

Ion Ratio Lower Upper

172 100

171 35.8 28.5 42.7

170 23.9 19.0 28.6



#46

1,1'-Biphenyl

Concen: 46.150 ng

RT: 9.186 min Scan# 1207

Delta R.T. -0.000 min

Lab File: BF137653.D

Acq: 20 Mar 2024 14:09

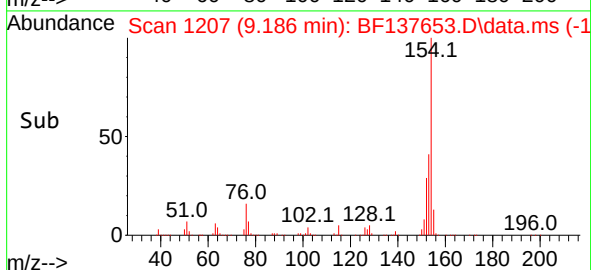
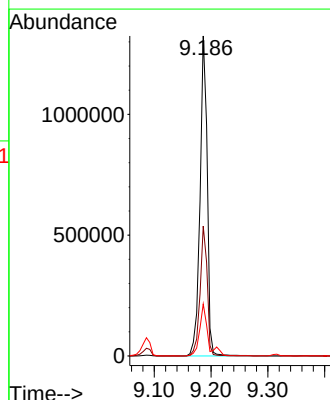
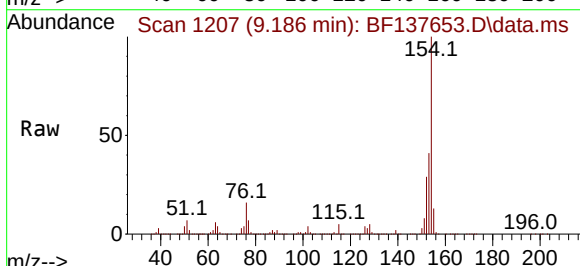
Tgt Ion:154 Resp: 1177454

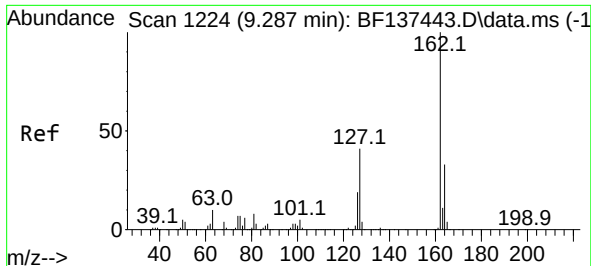
Ion Ratio Lower Upper

154 100

153 40.6 21.0 61.0

76 16.3 0.0 35.8





#47

2-Chloronaphthalene

Concen: 46.740 ng

RT: 9.210 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF137653.D

Acq: 20 Mar 2024 14:09

Instrument :

BNA_F

ClientSampleId :

PB159685BS

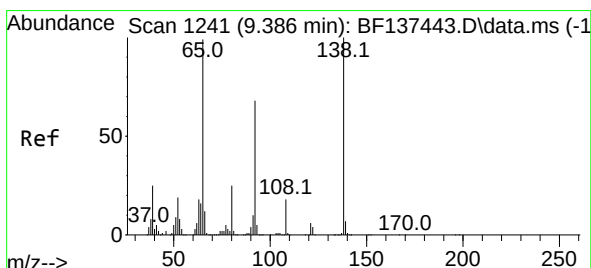
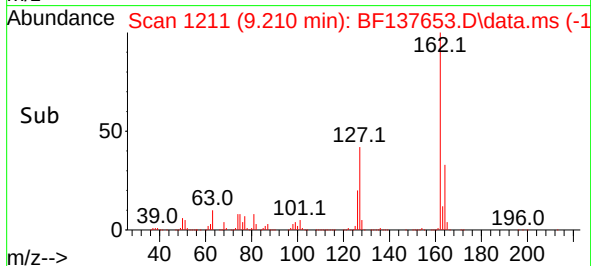
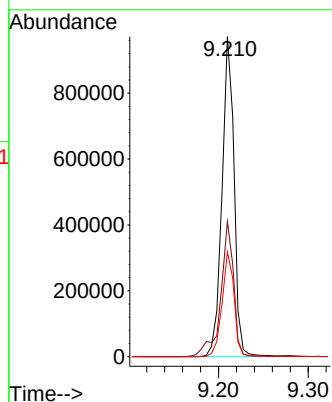
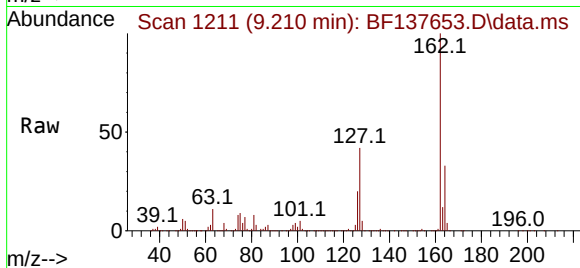
Tgt Ion:162 Resp: 909176

Ion Ratio Lower Upper

162 100

127 42.2 32.6 49.0

164 32.7 26.5 39.7



#48

2-Nitroaniline

Concen: 47.122 ng

RT: 9.316 min Scan# 1229

Delta R.T. 0.006 min

Lab File: BF137653.D

Acq: 20 Mar 2024 14:09

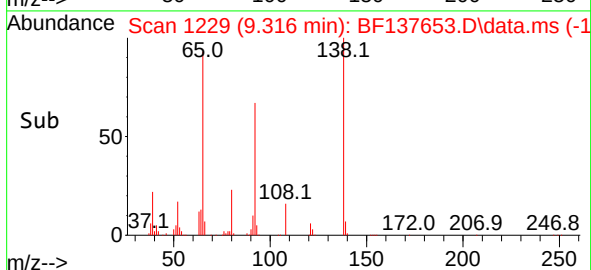
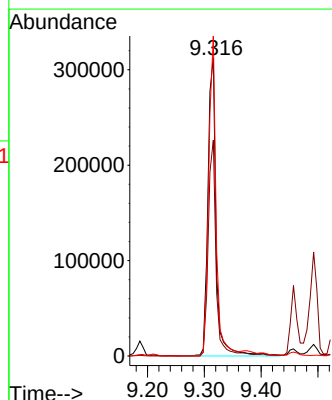
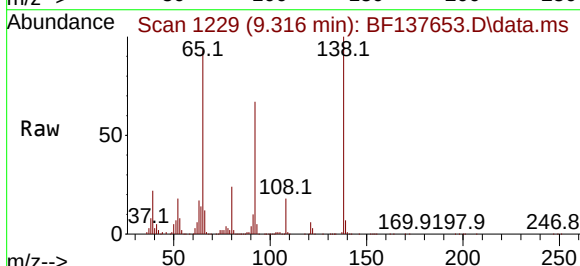
Tgt Ion: 65 Resp: 311545

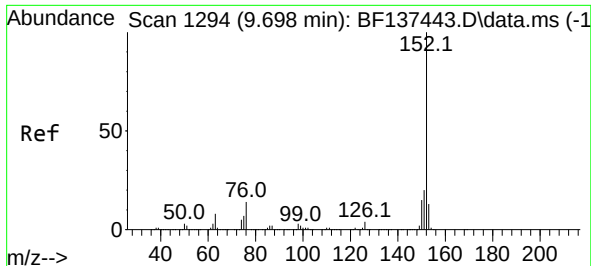
Ion Ratio Lower Upper

65 100

92 72.4 55.4 83.2

138 107.3 81.0 121.6





#49

Acenaphthylene

Concen: 46.457 ng

RT: 9.627 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF137653.D

Acq: 20 Mar 2024 14:09

Instrument :

BNA_F

ClientSampleId :

PB159685BS

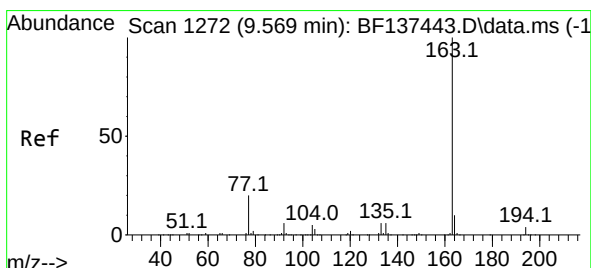
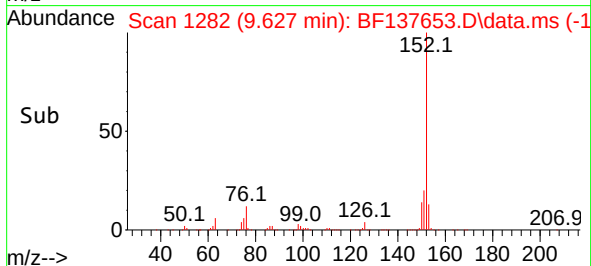
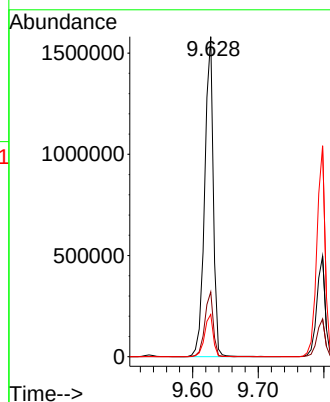
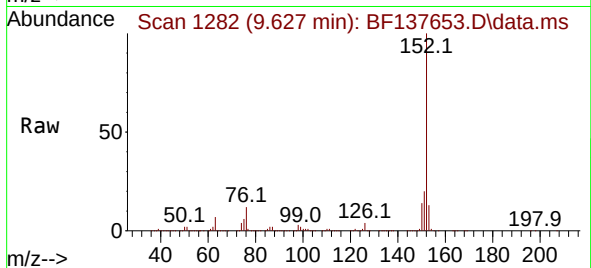
Tgt Ion:152 Resp: 1446197

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.4

153 13.2 10.8 16.2



#50

Dimethylphthalate

Concen: 44.390 ng

RT: 9.492 min Scan# 1259

Delta R.T. -0.000 min

Lab File: BF137653.D

Acq: 20 Mar 2024 14:09

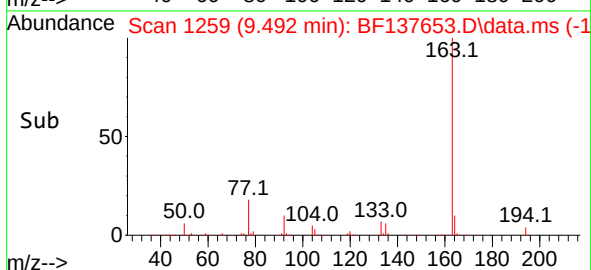
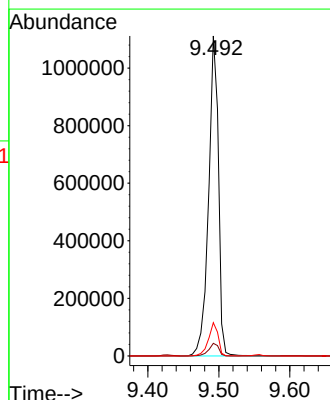
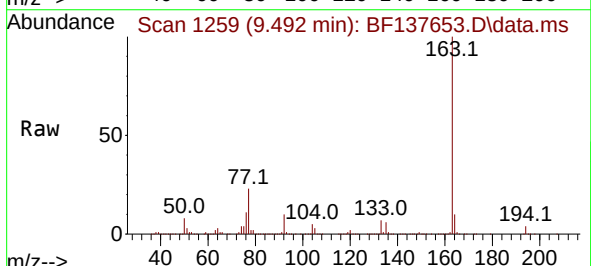
Tgt Ion:163 Resp: 1077140

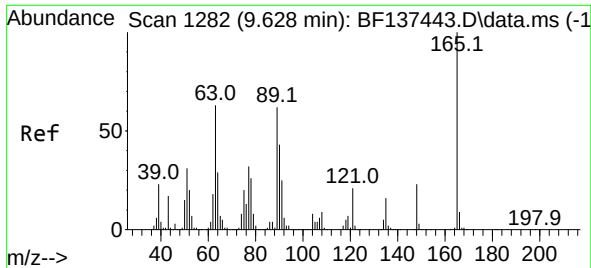
Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

164 10.4 8.1 12.1

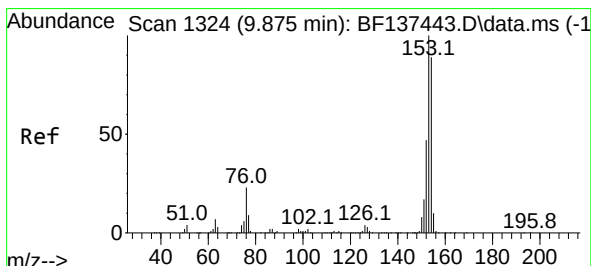
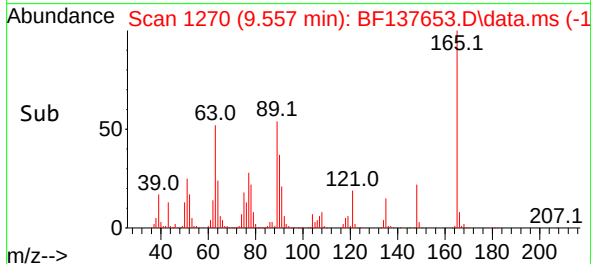
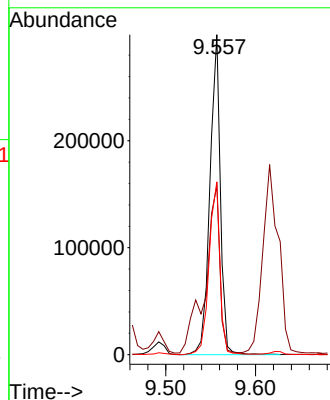
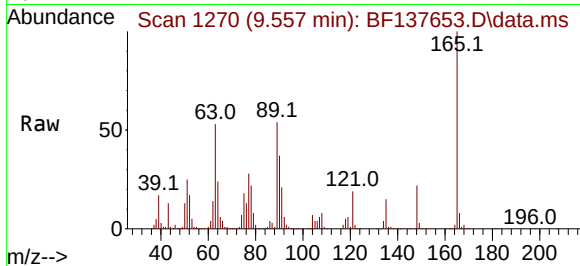




#51
2,6-Dinitrotoluene
Concen: 47.708 ng
RT: 9.557 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137653.D
Acq: 20 Mar 2024 14:09

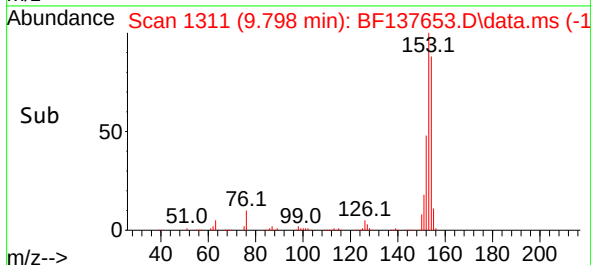
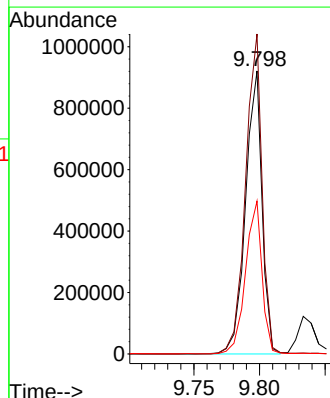
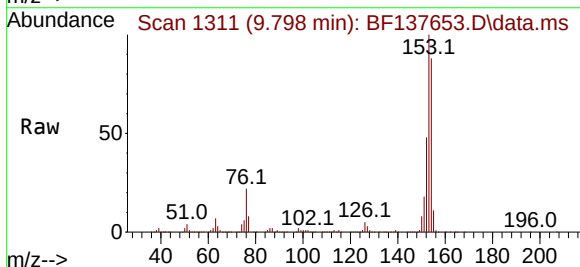
Instrument :
BNA_F
ClientSampleId :
PB159685BS

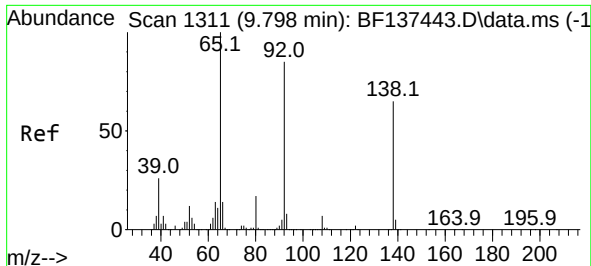
Tgt Ion:165 Resp: 242138
Ion Ratio Lower Upper
165 100
63 52.8 50.7 76.1
89 54.0 50.0 75.0



#52
Acenaphthene
Concen: 43.232 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.006 min
Lab File: BF137653.D
Acq: 20 Mar 2024 14:09

Tgt Ion:154 Resp: 803459
Ion Ratio Lower Upper
154 100
153 113.0 90.3 135.5
152 54.0 42.7 64.1

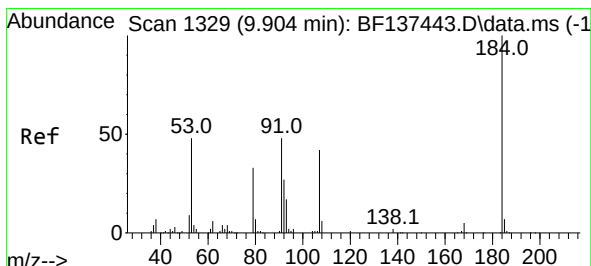
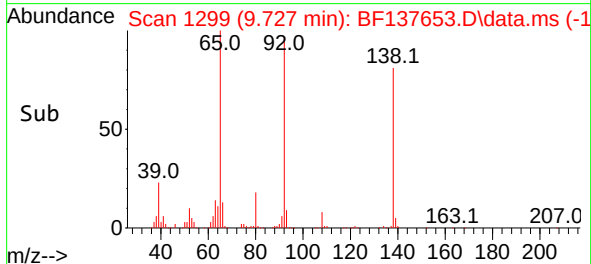
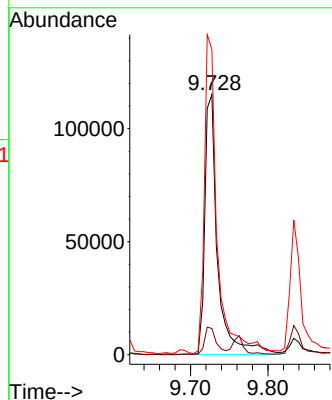
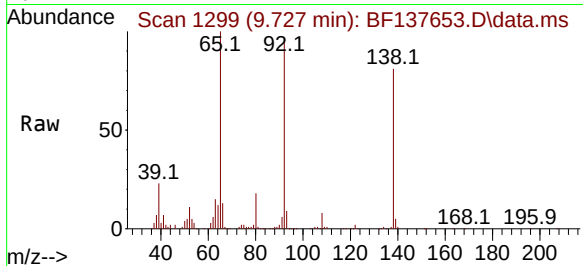




#53
3-Nitroaniline
Concen: 24.479 ng
RT: 9.727 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137653.D
Acq: 20 Mar 2024 14:09

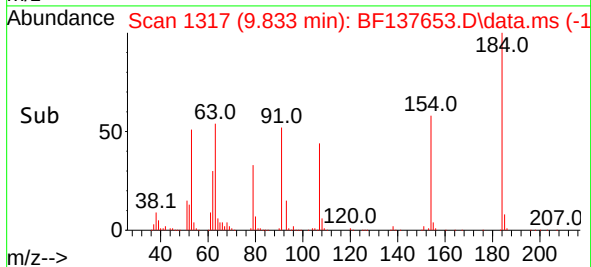
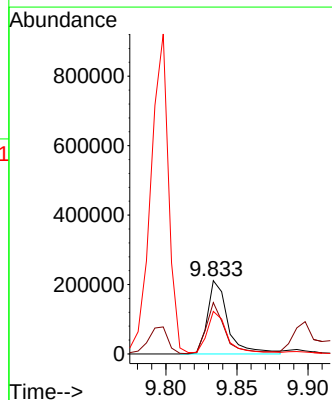
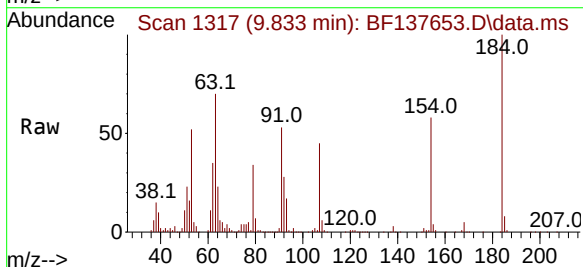
Instrument :
BNA_F
ClientSampleId :
PB159685BS

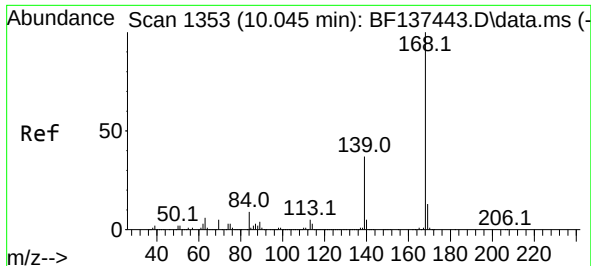
Tgt Ion:138 Resp: 131413
Ion Ratio Lower Upper
138 100
108 10.1 9.1 13.7
92 117.3 104.6 157.0



#54
2,4-Dinitrophenol
Concen: 85.341 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BF137653.D
Acq: 20 Mar 2024 14:09

Tgt Ion:184 Resp: 212777
Ion Ratio Lower Upper
184 100
63 70.0 53.3 79.9
154 58.0 47.4 71.0

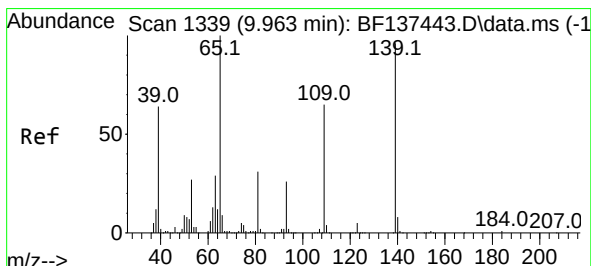
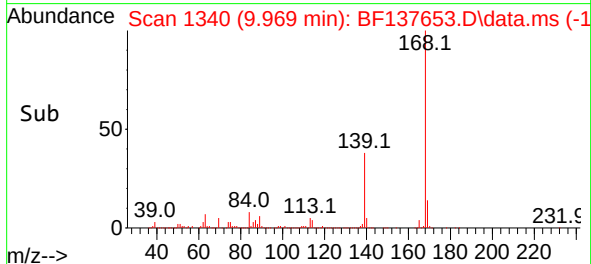
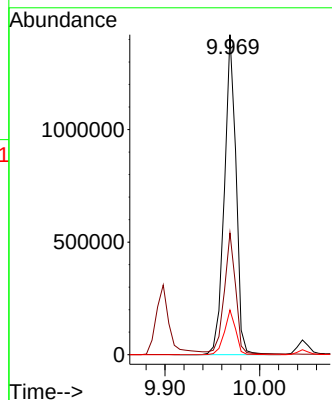
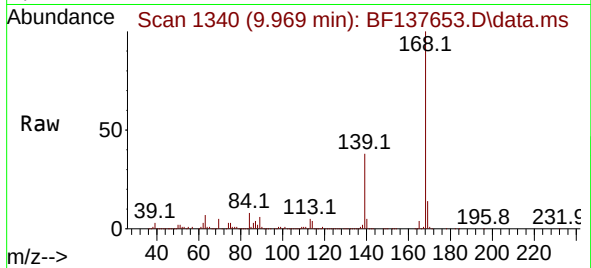




#55
Dibenzenofuran
Concen: 43.023 ng
RT: 9.969 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137653.D
Acq: 20 Mar 2024 14:09

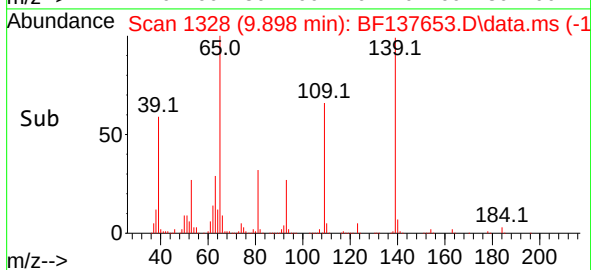
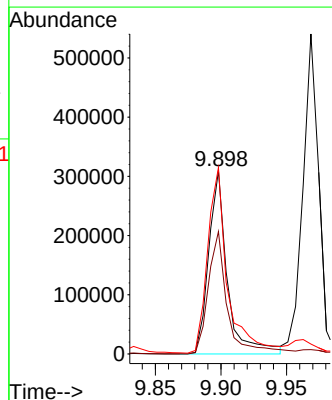
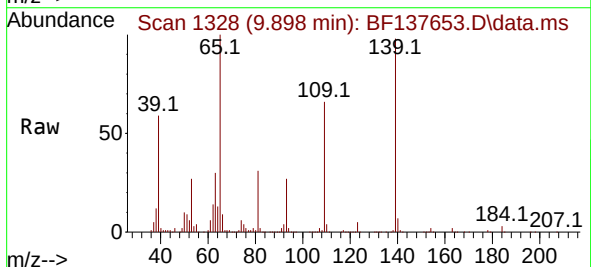
Instrument :
BNA_F
ClientSampleId :
PB159685BS

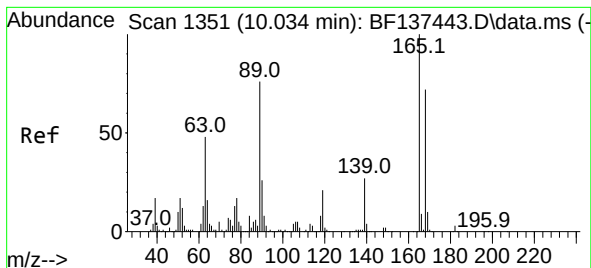
Tgt Ion:168 Resp: 1217800
Ion Ratio Lower Upper
168 100
139 38.0 29.8 44.6
169 13.9 10.8 16.2



#56
4-Nitrophenol
Concen: 80.514 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.012 min
Lab File: BF137653.D
Acq: 20 Mar 2024 14:09

Tgt Ion:139 Resp: 307633
Ion Ratio Lower Upper
139 100
109 66.8 47.1 87.1
65 101.7 85.1 125.1



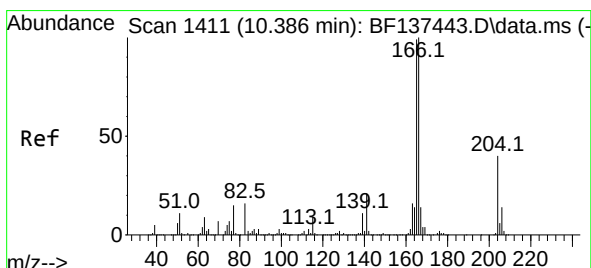
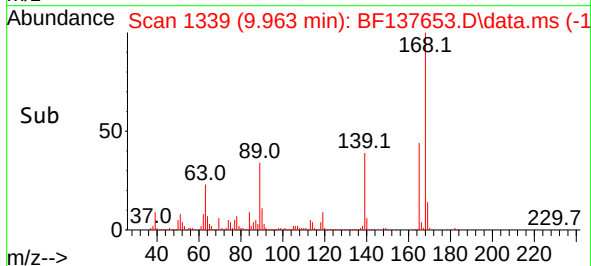
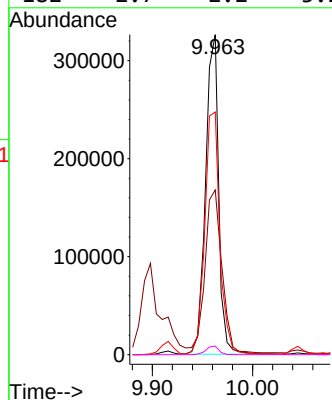
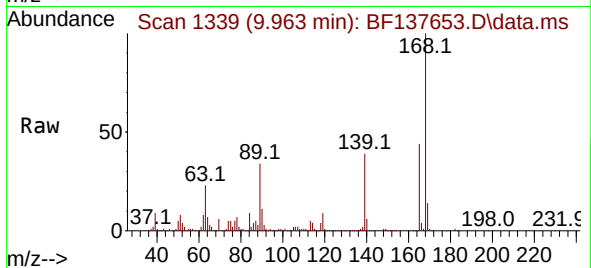


#57
2,4-Dinitrotoluene
Concen: 47.733 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF137653.D
Acq: 20 Mar 2024 14:09

Instrument :
BNA_F
ClientSampleId :
PB159685BS

Tgt Ion:165 Resp: 297638

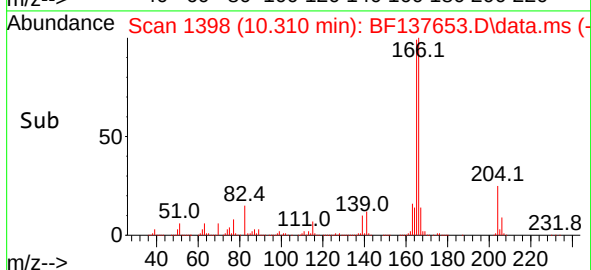
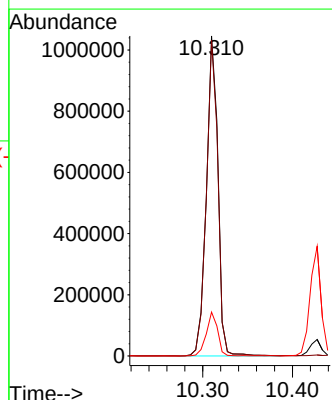
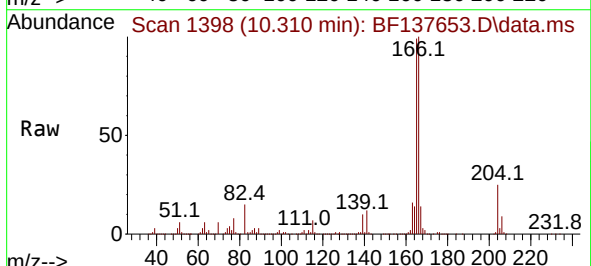
Ion	Ratio	Lower	Upper
165	100		
63	51.5	39.0	58.6
89	75.8	60.9	91.3
182	2.7	2.2	3.2

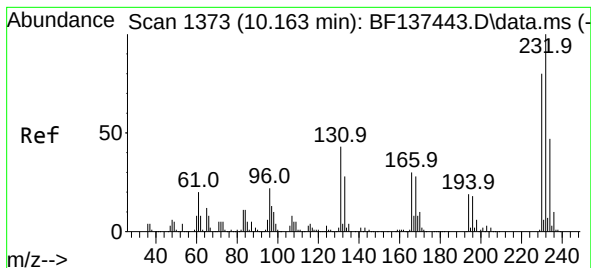


#58
Fluorene
Concen: 42.948 ng
RT: 10.310 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BF137653.D
Acq: 20 Mar 2024 14:09

Tgt Ion:166 Resp: 933616

Ion	Ratio	Lower	Upper
166	100		
165	98.7	79.2	118.8
167	13.7	11.0	16.6

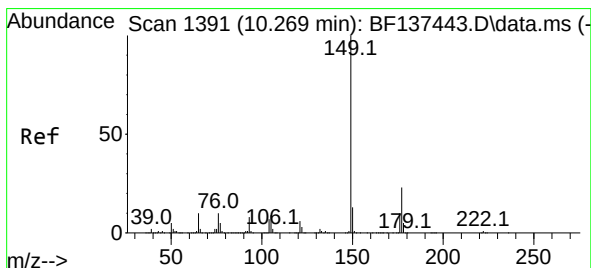
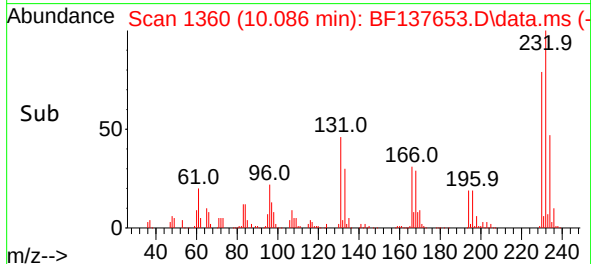
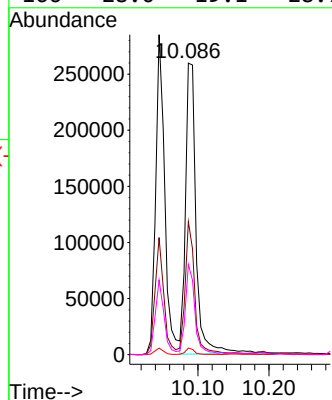
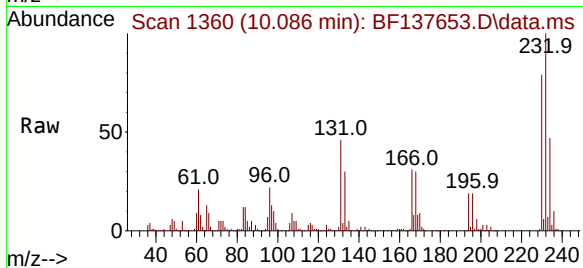




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.484 ng
RT: 10.086 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137653.D
Acq: 20 Mar 2024 14:09

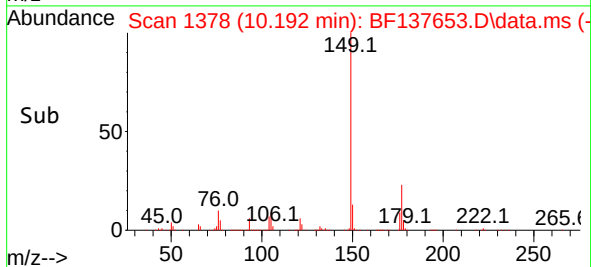
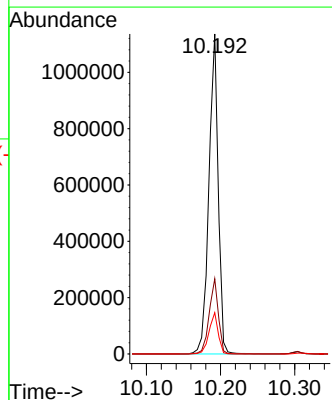
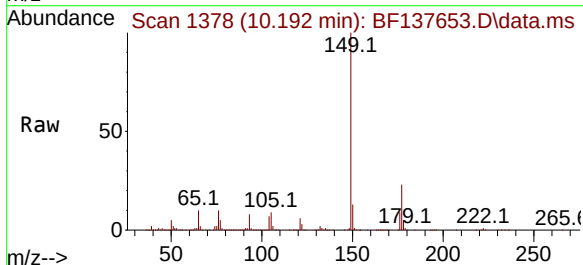
Instrument :
BNA_F
ClientSampleId :
PB159685BS

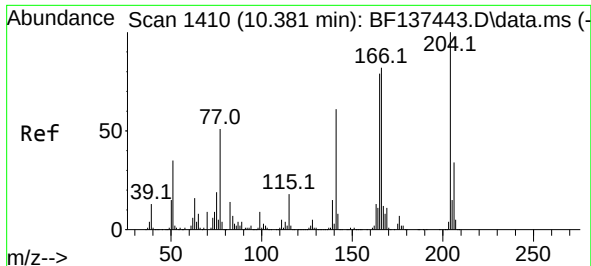
Tgt Ion:232 Resp: 266269
Ion Ratio Lower Upper
232 100
131 40.8 31.2 46.8
130 2.1 1.8 2.6
166 28.0 19.1 28.7



#60
Diethylphthalate
Concen: 43.367 ng
RT: 10.192 min Scan# 1378
Delta R.T. 0.006 min
Lab File: BF137653.D
Acq: 20 Mar 2024 14:09

Tgt Ion:149 Resp: 993735
Ion Ratio Lower Upper
149 100
177 23.5 18.7 28.1
150 12.9 10.2 15.4

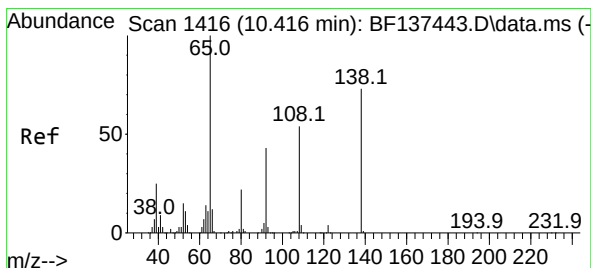
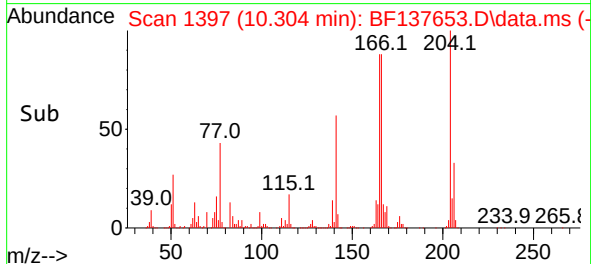
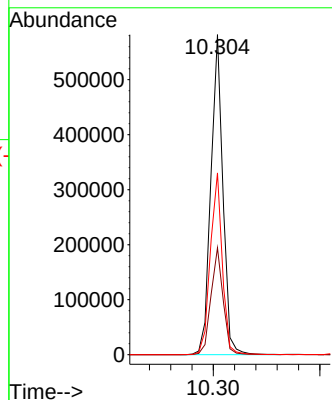
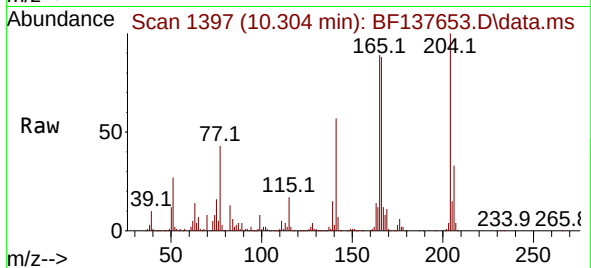




#61
4-Chlorophenyl-phenylether
Concen: 42.965 ng
RT: 10.304 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137653.D
Acq: 20 Mar 2024 14:09

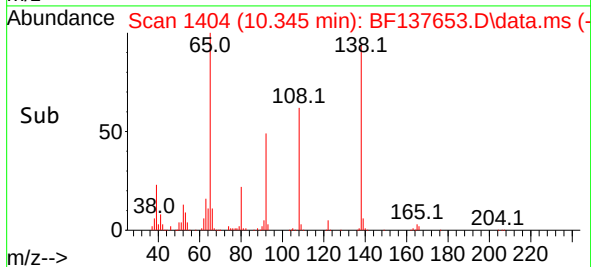
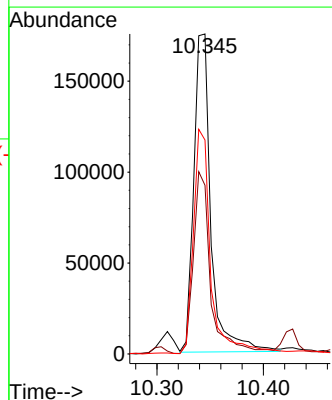
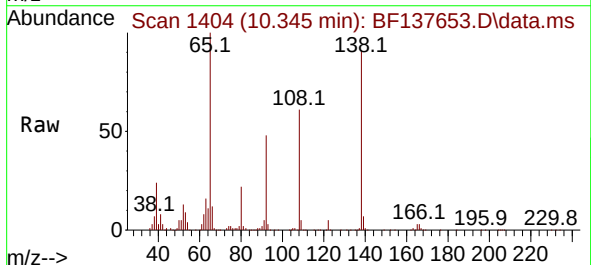
Instrument :
BNA_F
ClientSampleId :
PB159685BS

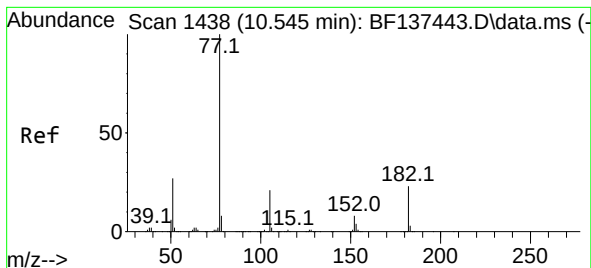
Tgt Ion:204 Resp: 457739
Ion Ratio Lower Upper
204 100
206 33.4 27.4 41.0
141 56.8 48.4 72.6



#62
4-Nitroaniline
Concen: 42.563 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.012 min
Lab File: BF137653.D
Acq: 20 Mar 2024 14:09

Tgt Ion:138 Resp: 196389
Ion Ratio Lower Upper
138 100
92 52.7 37.9 77.9
108 66.8 53.2 93.2





#63

Azobenzene

Concen: 40.768 ng

RT: 10.463 min Scan# 14

Delta R.T. -0.000 min

Lab File: BF137653.D

Acq: 20 Mar 2024 14:09

Instrument :

BNA_F

ClientSampleId :

PB159685BS

Tgt Ion: 77 Resp: 1075703

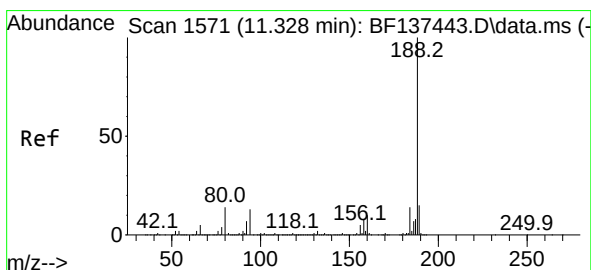
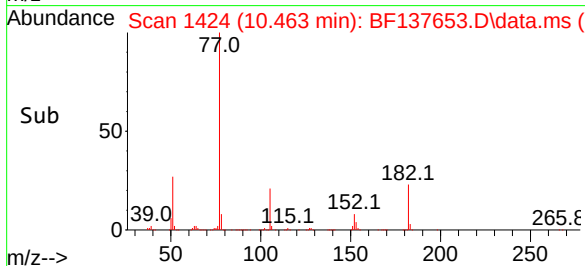
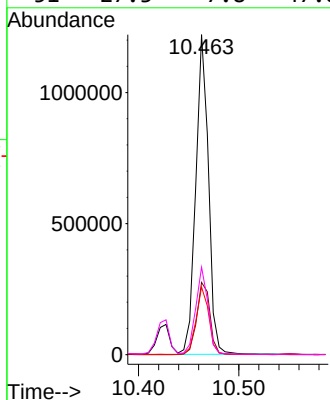
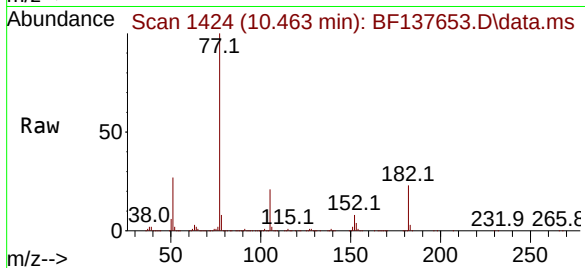
Ion Ratio Lower Upper

77 100

182 22.6 3.2 43.2

105 21.2 1.2 41.2

51 27.3 7.8 47.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.245 min Scan# 1557

Delta R.T. 0.006 min

Lab File: BF137653.D

Acq: 20 Mar 2024 14:09

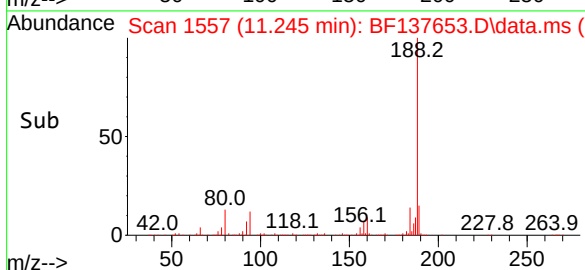
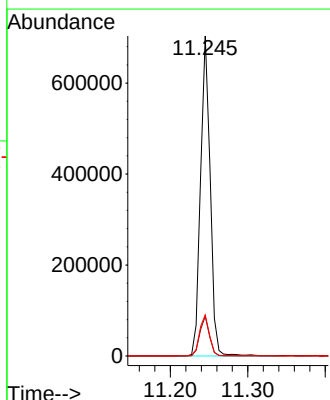
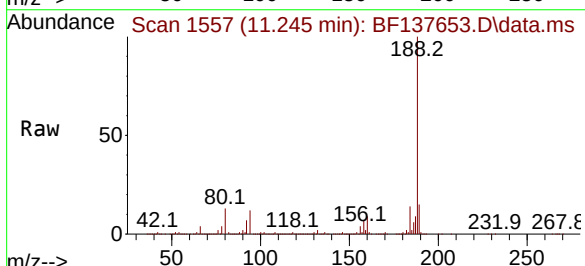
Tgt Ion:188 Resp: 607581

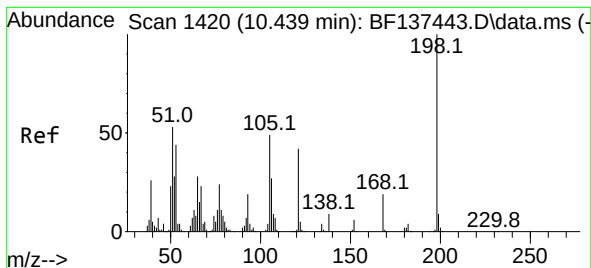
Ion Ratio Lower Upper

188 100

94 12.4 10.6 15.8

80 12.8 11.5 17.3

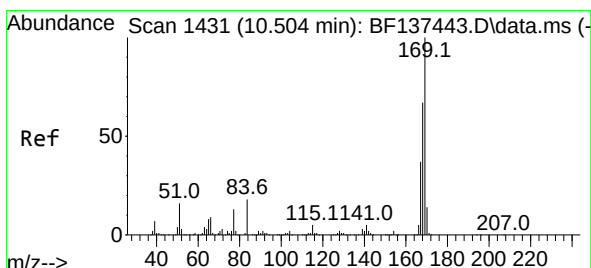
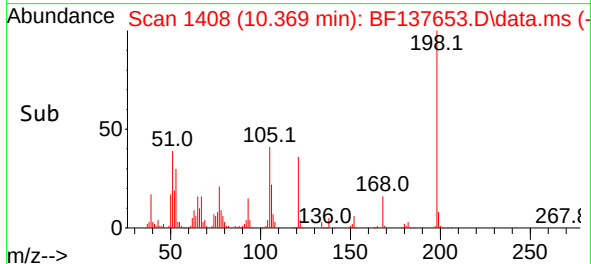
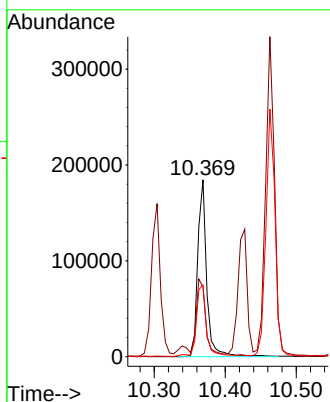
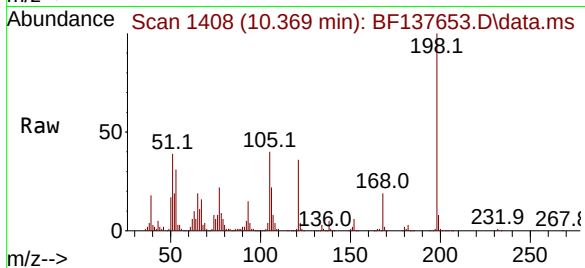




#65
4,6-Dinitro-2-methylphenol
Concen: 47.993 ng
RT: 10.369 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF137653.D
Acq: 20 Mar 2024 14:09

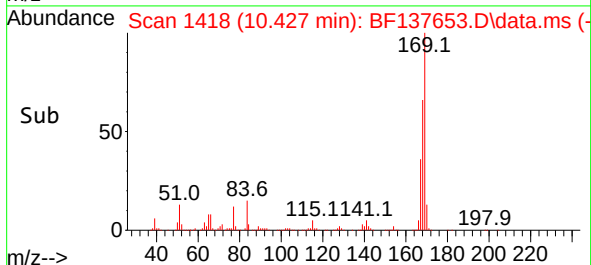
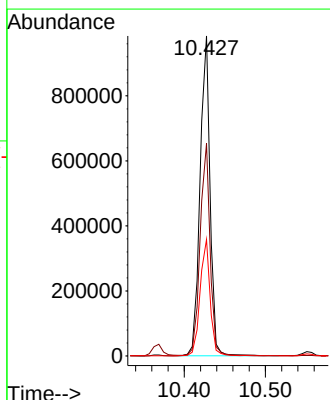
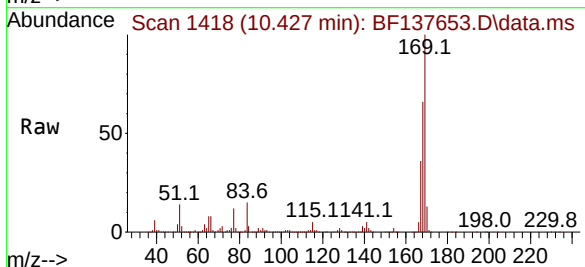
Instrument :
BNA_F
ClientSampleId :
PB159685BS

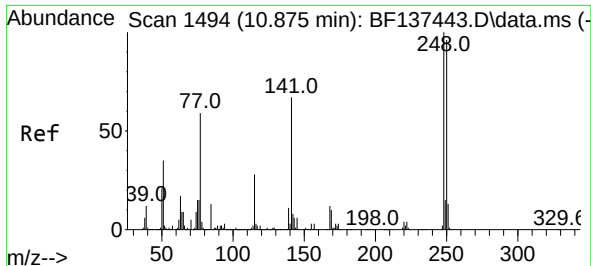
Tgt Ion:198 Resp: 162521
Ion Ratio Lower Upper
198 100
51 39.3 37.2 77.2
105 40.5 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 43.060 ng
RT: 10.427 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF137653.D
Acq: 20 Mar 2024 14:09

Tgt Ion:169 Resp: 842475
Ion Ratio Lower Upper
169 100
168 66.4 53.8 80.6
167 36.4 29.6 44.4

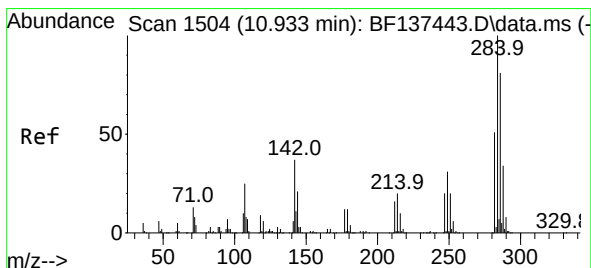
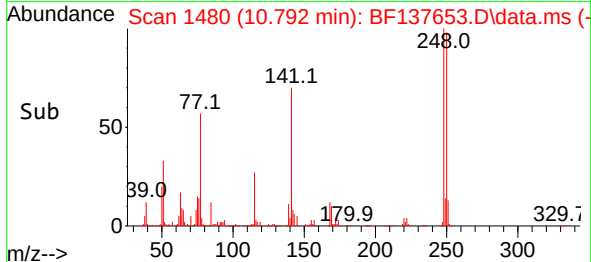
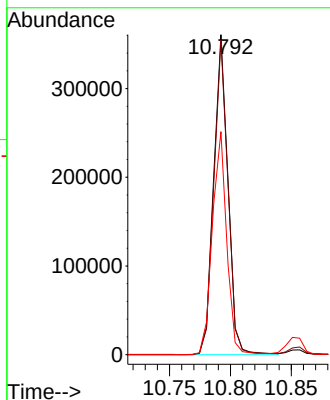
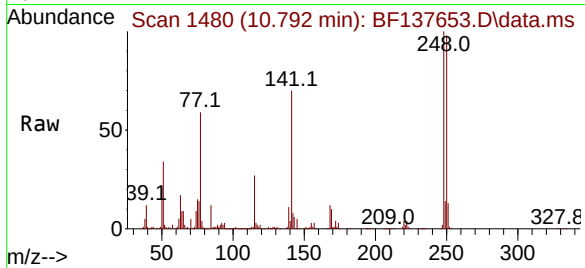




#67
4-Bromophenyl-phenylether
Concen: 44.462 ng
RT: 10.792 min Scan# 1490
Delta R.T. -0.000 min
Lab File: BF137653.D
Acq: 20 Mar 2024 14:09

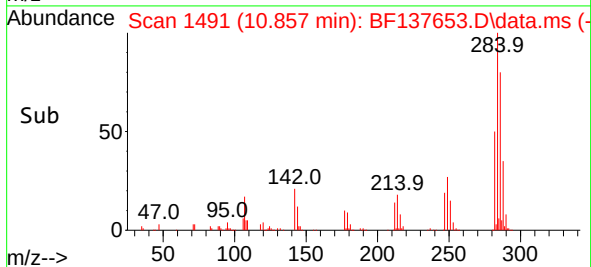
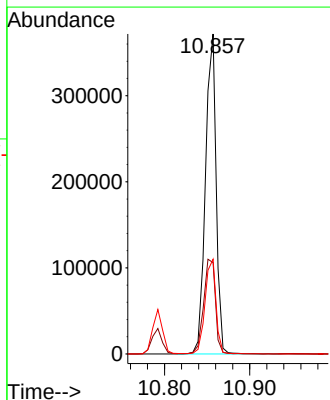
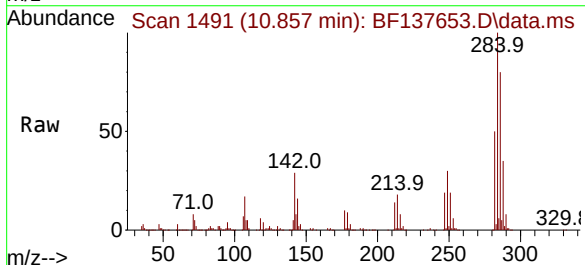
Instrument :
BNA_F
ClientSampleId :
PB159685BS

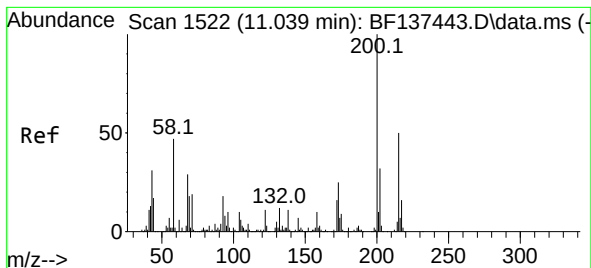
Tgt Ion:248 Resp: 294231
Ion Ratio Lower Upper
248 100
250 98.3 76.8 115.2
141 69.7 53.4 80.0



#68
Hexachlorobenzene
Concen: 48.318 ng
RT: 10.857 min Scan# 1491
Delta R.T. 0.006 min
Lab File: BF137653.D
Acq: 20 Mar 2024 14:09

Tgt Ion:284 Resp: 322953
Ion Ratio Lower Upper
284 100
142 28.6 29.4 44.0#
249 29.6 25.0 37.4





#69

Atrazine

Concen: 46.900 ng

RT: 10.957 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF137653.D

Acq: 20 Mar 2024 14:09

Instrument :

BNA_F

ClientSampleId :

PB159685BS

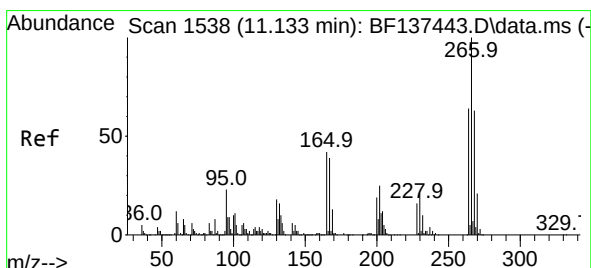
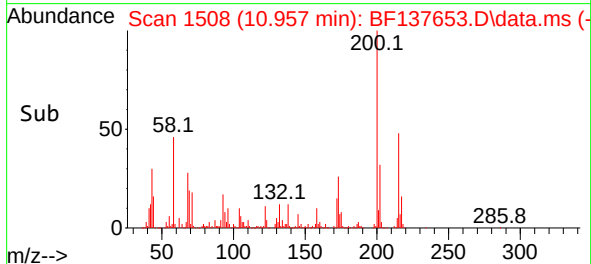
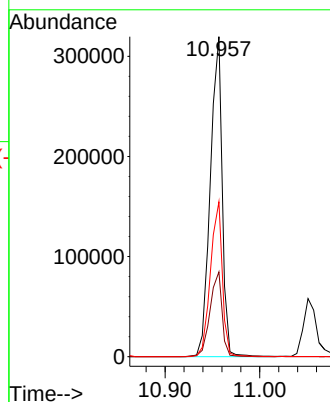
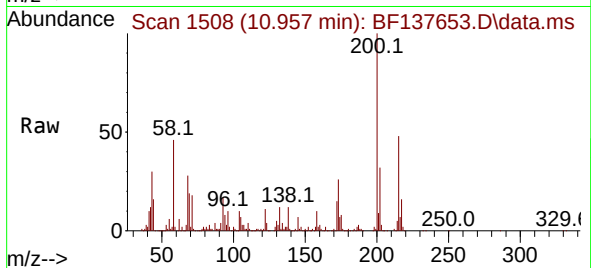
Tgt Ion:200 Resp: 278948

Ion Ratio Lower Upper

200 100

173 26.5 5.1 45.1

215 48.4 30.4 70.4



#70

Pentachlorophenol

Concen: 80.608 ng

RT: 11.051 min Scan# 1524

Delta R.T. 0.006 min

Lab File: BF137653.D

Acq: 20 Mar 2024 14:09

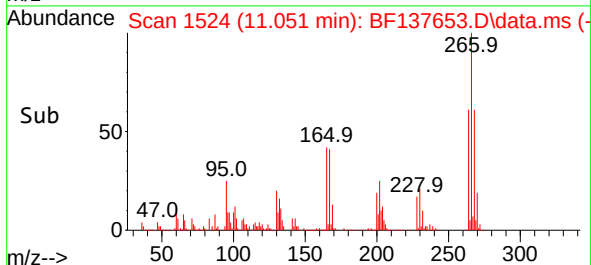
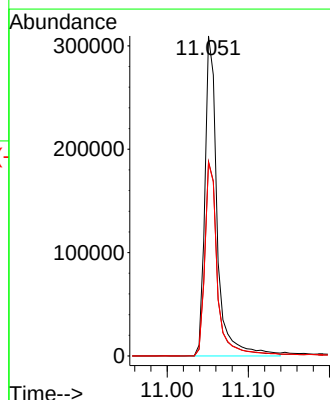
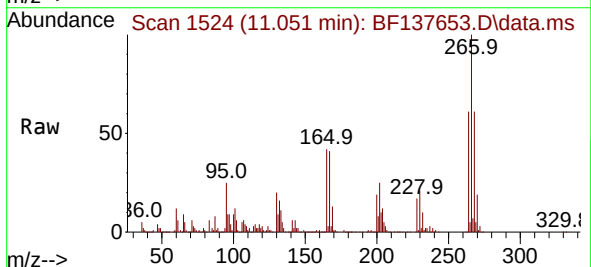
Tgt Ion:266 Resp: 325700

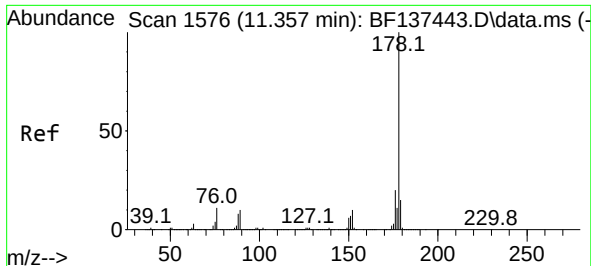
Ion Ratio Lower Upper

266 100

268 60.7 50.2 75.2

264 60.5 50.9 76.3

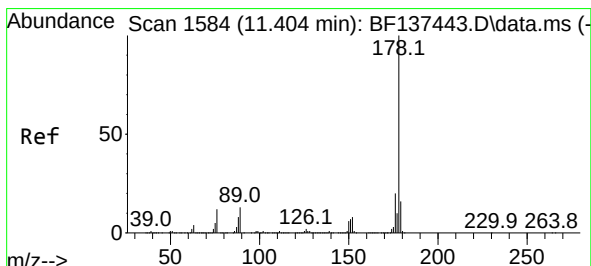
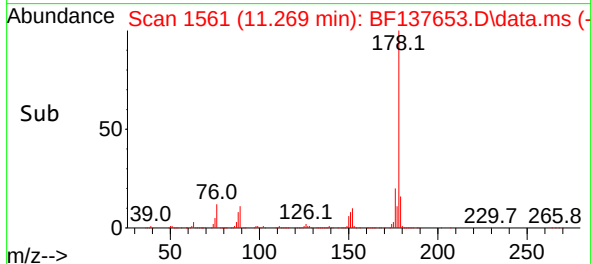
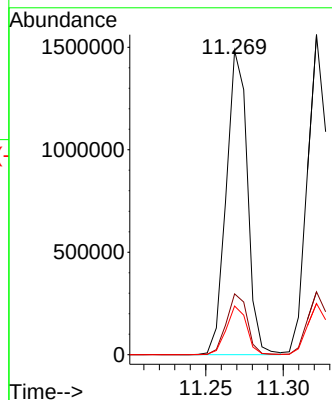
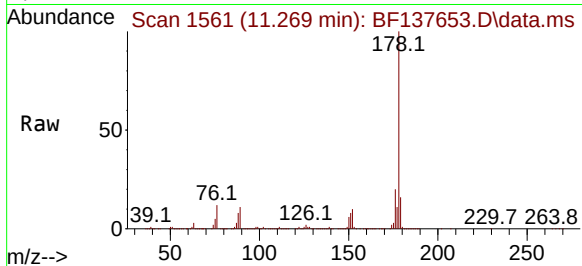




#71
Phenanthrene
Concen: 42.610 ng
RT: 11.269 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BF137653.D
Acq: 20 Mar 2024 14:09

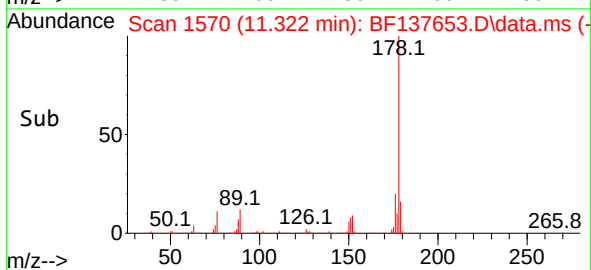
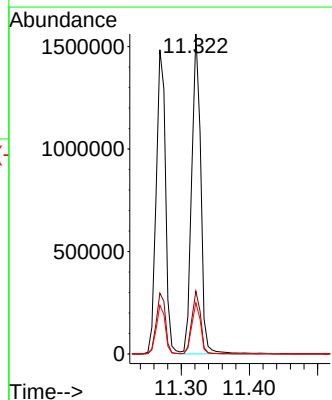
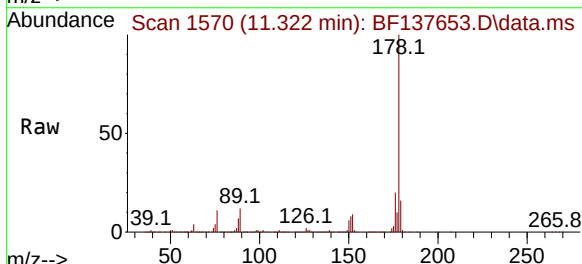
Instrument :
BNA_F
ClientSampleId :
PB159685BS

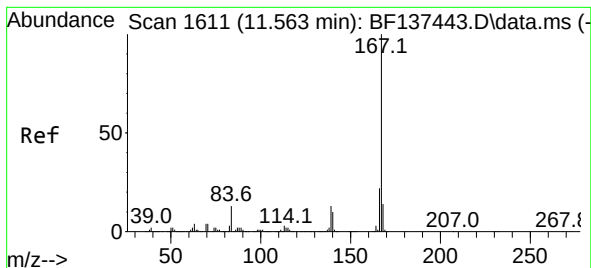
Tgt Ion:178 Resp: 1408946
Ion Ratio Lower Upper
178 100
176 20.0 15.8 23.8
179 16.0 12.2 18.2



#72
Anthracene
Concen: 41.925 ng
RT: 11.322 min Scan# 1570
Delta R.T. 0.006 min
Lab File: BF137653.D
Acq: 20 Mar 2024 14:09

Tgt Ion:178 Resp: 1423803
Ion Ratio Lower Upper
178 100
176 19.7 15.7 23.5
179 16.0 12.7 19.1





#73

Carbazole

Concen: 43.642 ng

RT: 11.480 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF137653.D

Acq: 20 Mar 2024 14:09

Instrument :

BNA_F

ClientSampleId :

PB159685BS

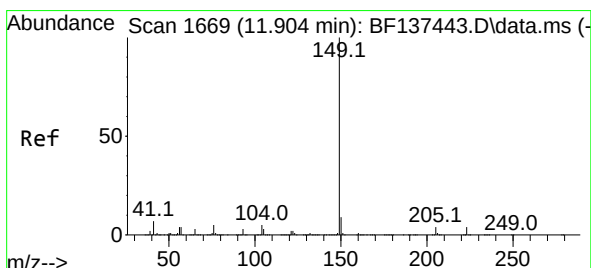
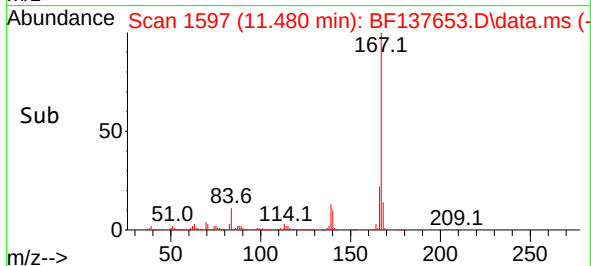
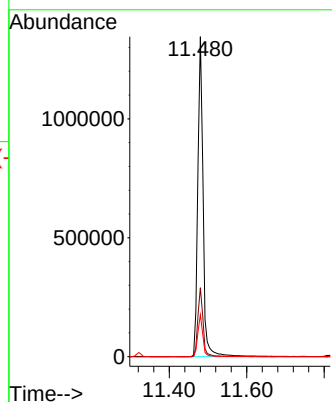
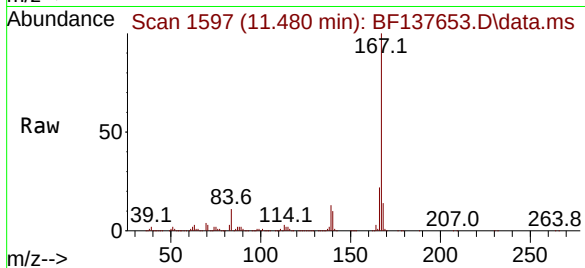
Tgt Ion:167 Resp: 1269517

Ion Ratio Lower Upper

167 100

166 21.5 17.8 26.8

139 13.1 10.5 15.7



#74

Di-n-butylphthalate

Concen: 43.380 ng

RT: 11.810 min Scan# 1653

Delta R.T. -0.000 min

Lab File: BF137653.D

Acq: 20 Mar 2024 14:09

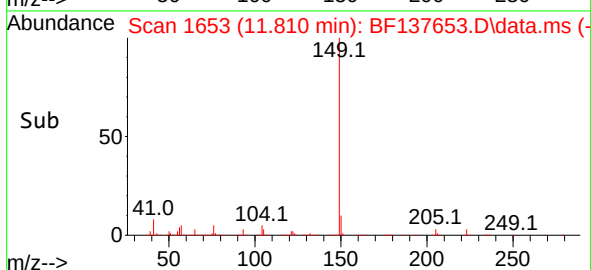
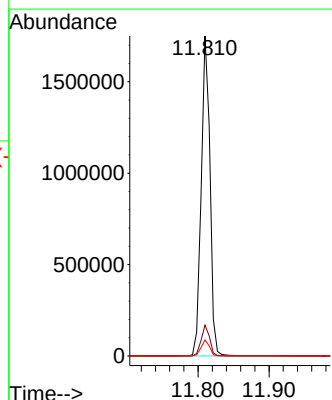
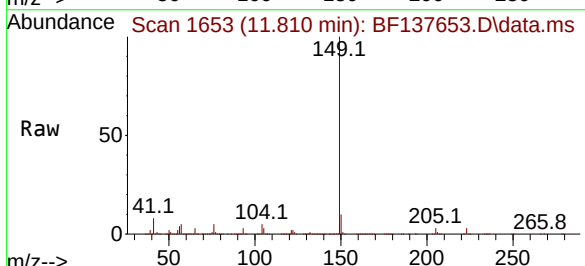
Tgt Ion:149 Resp: 1501381

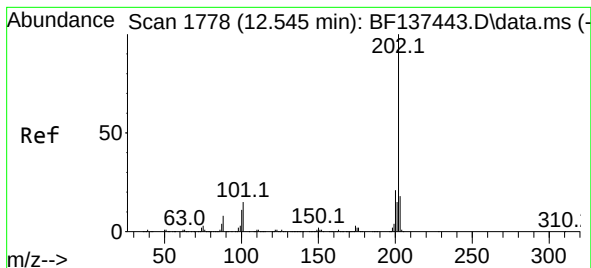
Ion Ratio Lower Upper

149 100

150 9.6 7.4 11.0

104 5.0 3.8 5.6





#75

Fluoranthene

Concen: 43.108 ng

RT: 12.457 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF137653.D

Acq: 20 Mar 2024 14:09

Instrument :

BNA_F

ClientSampleId :

PB159685BS

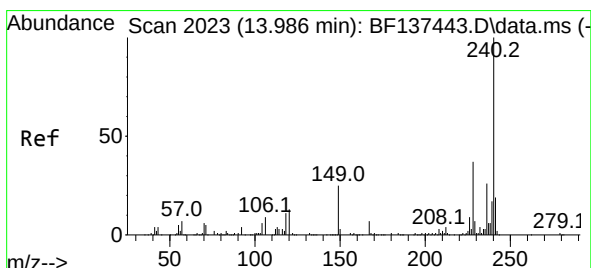
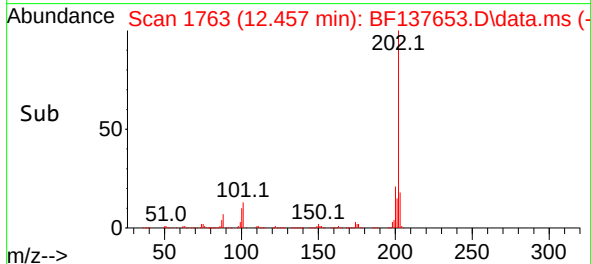
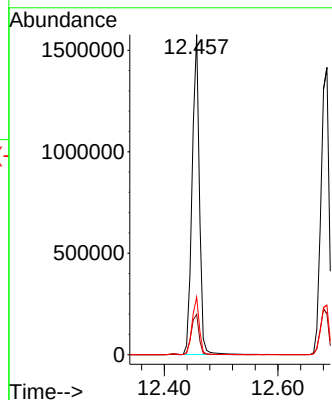
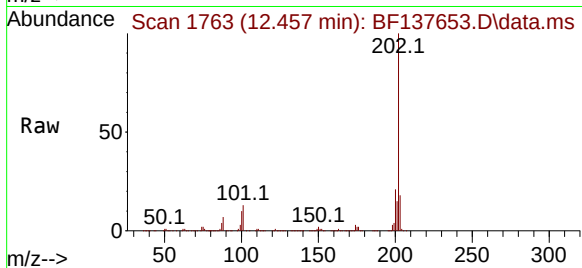
Tgt Ion:202 Resp: 1393299

Ion Ratio Lower Upper

202 100

101 12.6 0.0 35.0

203 18.0 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.880 min Scan# 2005

Delta R.T. 0.006 min

Lab File: BF137653.D

Acq: 20 Mar 2024 14:09

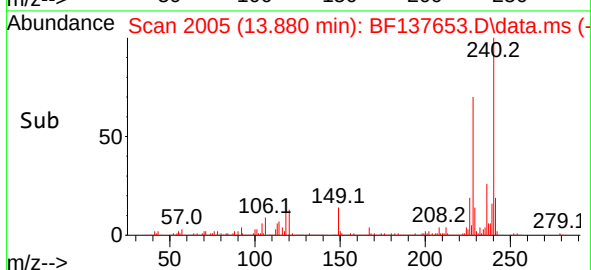
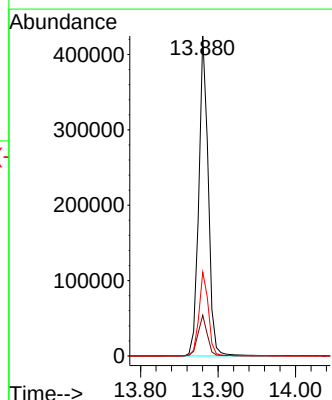
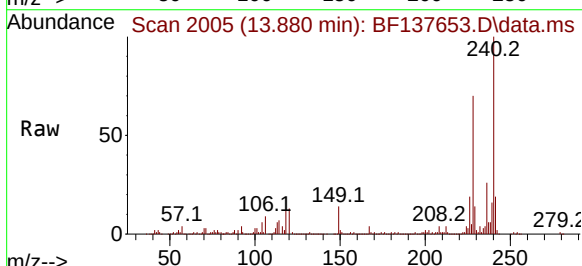
Tgt Ion:240 Resp: 358821

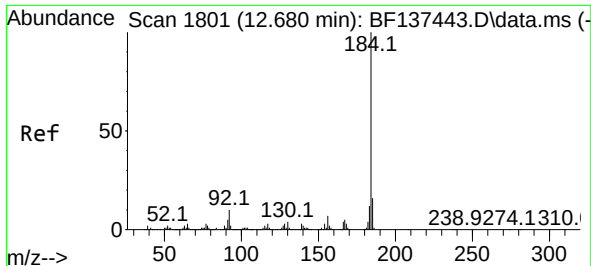
Ion Ratio Lower Upper

240 100

120 12.7 10.4 15.6

236 26.2 20.9 31.3

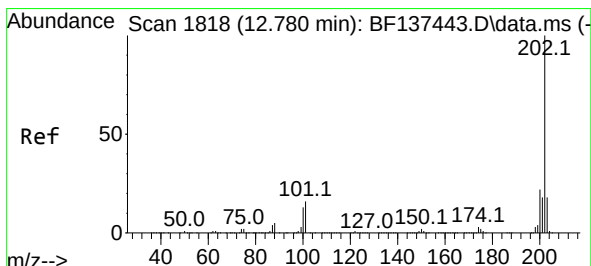
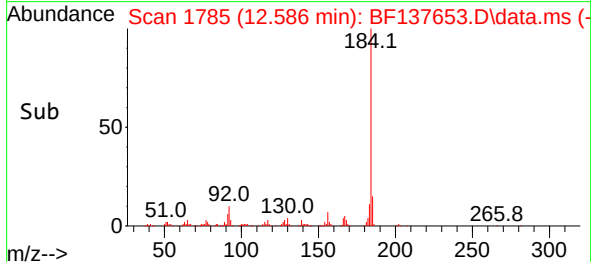
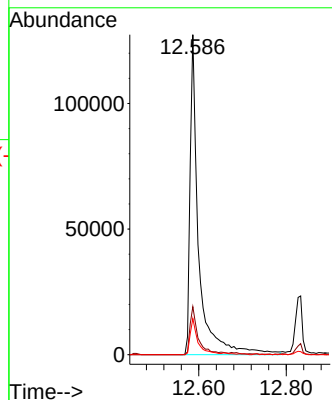
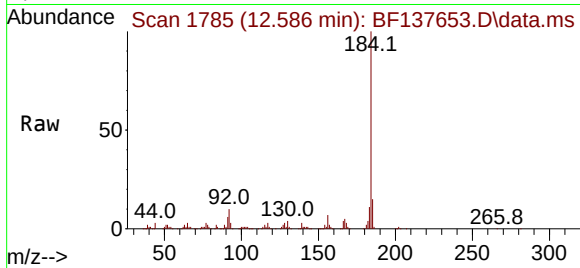




#77
Benzidine
Concen: 19.841 ng
RT: 12.586 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137653.D
Acq: 20 Mar 2024 14:09

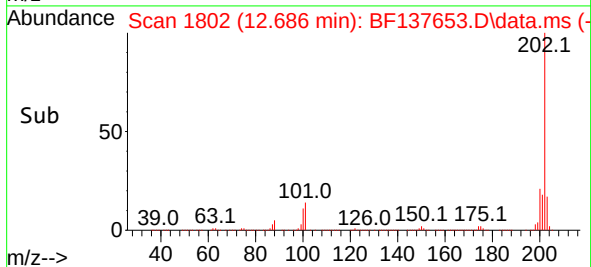
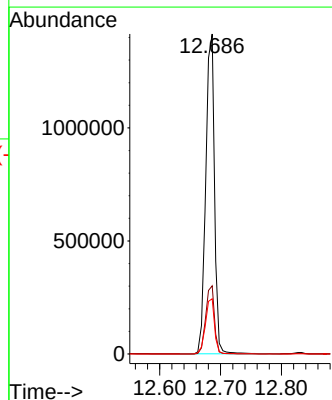
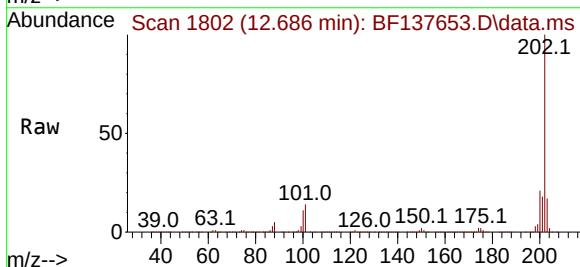
Instrument :
BNA_F
ClientSampleId :
PB159685BS

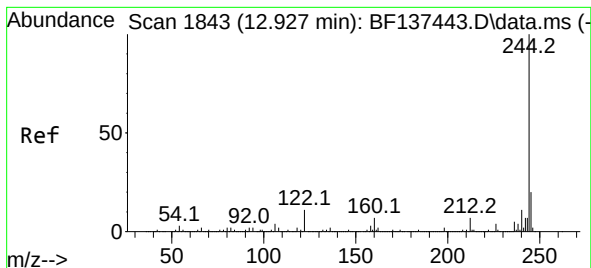
Tgt Ion:184 Resp: 174225
Ion Ratio Lower Upper
184 100
185 15.0 13.2 19.8
183 11.3 9.3 13.9



#78
Pyrene
Concen: 40.066 ng
RT: 12.686 min Scan# 1802
Delta R.T. 0.006 min
Lab File: BF137653.D
Acq: 20 Mar 2024 14:09

Tgt Ion:202 Resp: 1410676
Ion Ratio Lower Upper
202 100
200 21.3 17.4 26.2
203 17.3 14.1 21.1





#79

Terphenyl-d14

Concen: 79.087 ng

RT: 12.833 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF137653.D

Acq: 20 Mar 2024 14:09

Instrument :

BNA_F

ClientSampleId :

PB159685BS

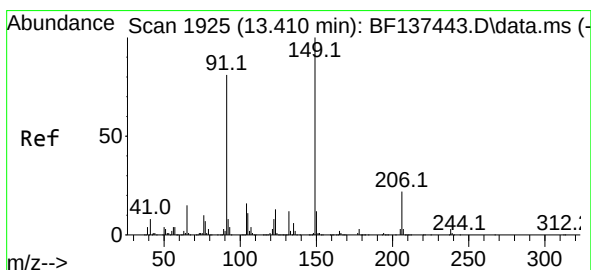
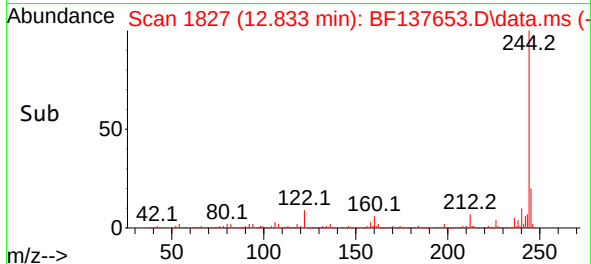
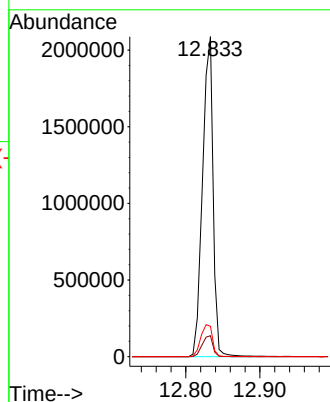
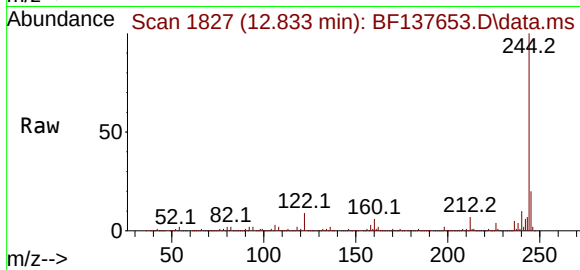
Tgt Ion:244 Resp: 2063712

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.2

122 9.5 9.1 13.7



#80

Butylbenzylphthalate

Concen: 57.949 ng

RT: 13.304 min Scan# 1907

Delta R.T. -0.000 min

Lab File: BF137653.D

Acq: 20 Mar 2024 14:09

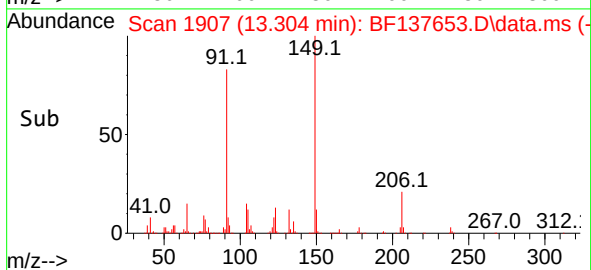
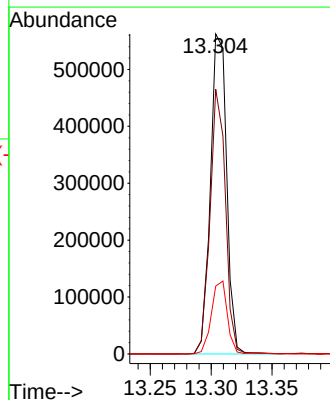
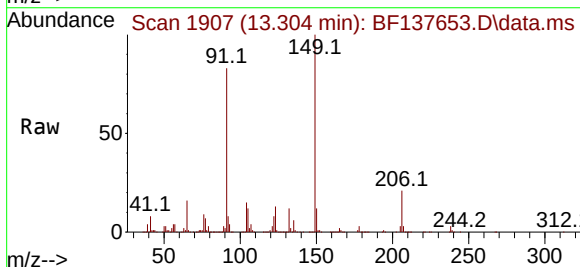
Tgt Ion:149 Resp: 521061

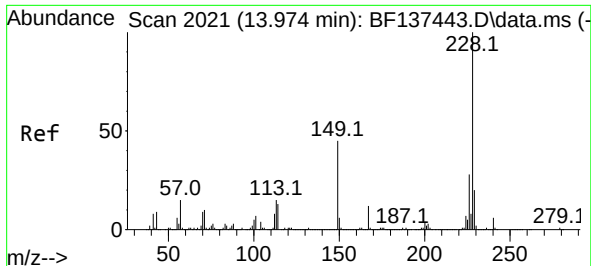
Ion Ratio Lower Upper

149 100

91 82.7 64.7 97.1

206 21.2 17.5 26.3

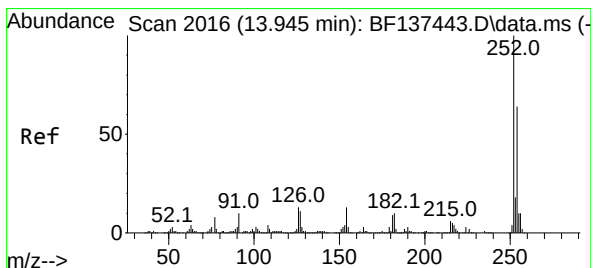
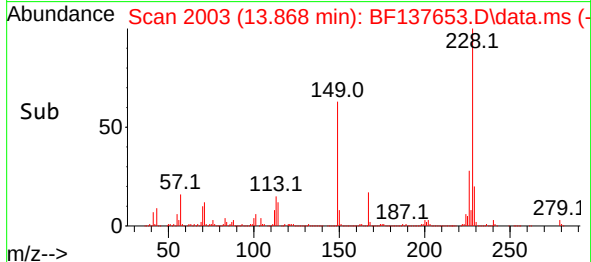
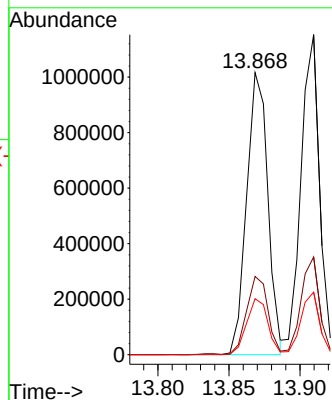
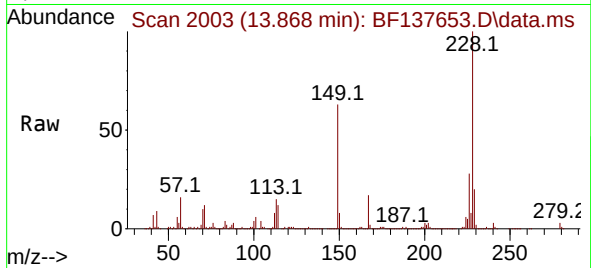




#81
Benzo(a)anthracene
Concen: 41.948 ng
RT: 13.868 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF137653.D
Acq: 20 Mar 2024 14:09

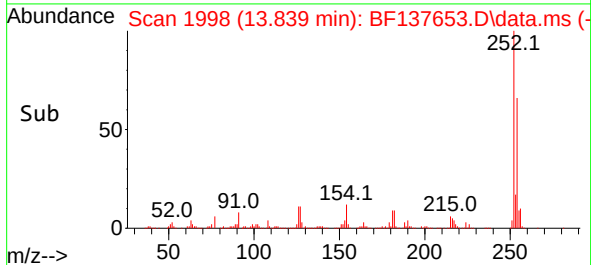
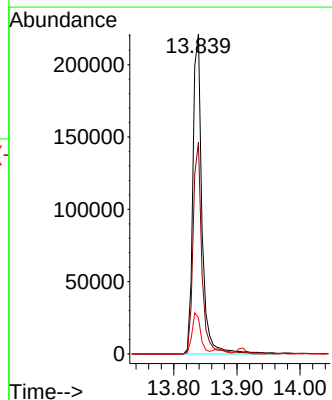
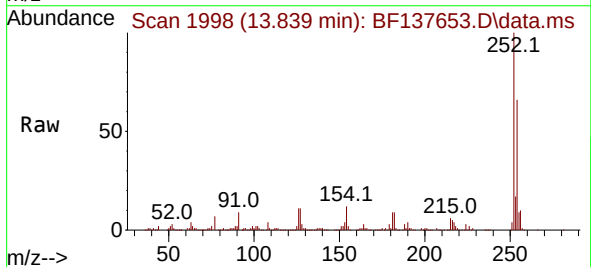
Instrument :
BNA_F
ClientSampleId :
PB159685BS

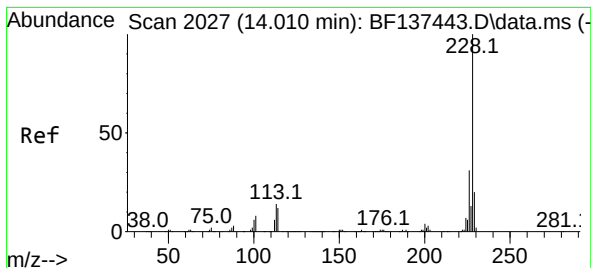
Tgt Ion:228 Resp: 1054962
Ion Ratio Lower Upper
228 100
226 27.7 22.3 33.5
229 19.9 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 33.399 ng
RT: 13.839 min Scan# 1998
Delta R.T. 0.006 min
Lab File: BF137653.D
Acq: 20 Mar 2024 14:09

Tgt Ion:252 Resp: 223681
Ion Ratio Lower Upper
252 100
254 66.1 51.4 77.2
126 11.3 10.4 15.6





#83

Chrysene

Concen: 42.095 ng

RT: 13.910 min Scan# 2003

Delta R.T. 0.006 min

Lab File: BF137653.D

Acq: 20 Mar 2024 14:09

Instrument :

BNA_F

ClientSampleId :

PB159685BS

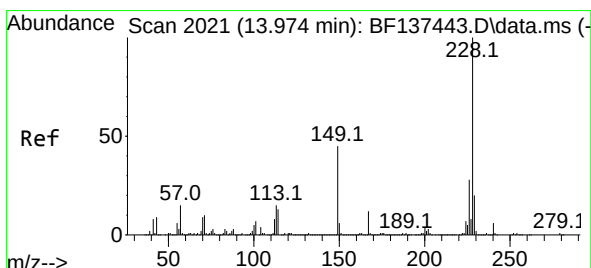
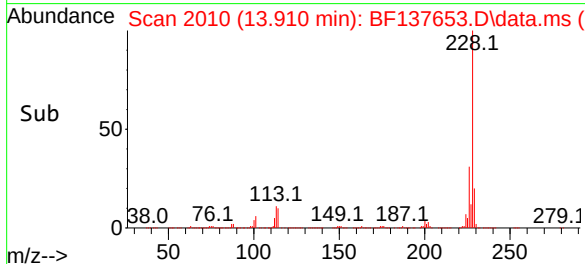
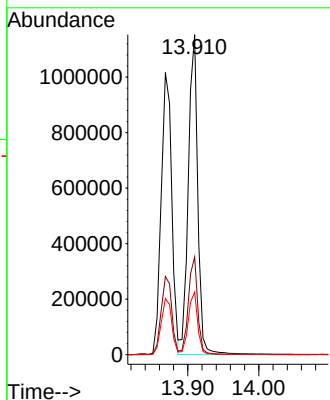
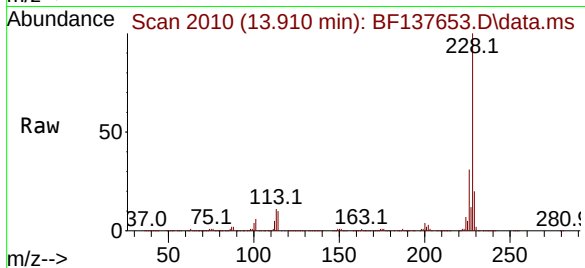
Tgt Ion:228 Resp: 1069975

Ion Ratio Lower Upper

228 100

226 30.5 24.7 37.1

229 19.5 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.319 ng

RT: 13.868 min Scan# 2003

Delta R.T. 0.006 min

Lab File: BF137653.D

Acq: 20 Mar 2024 14:09

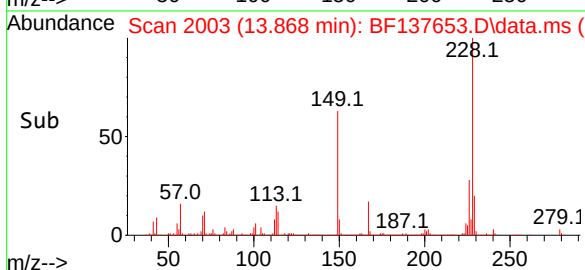
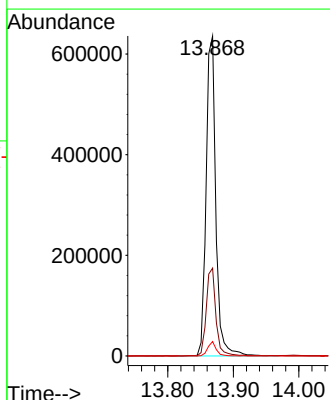
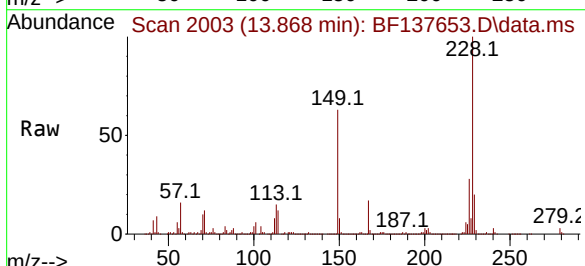
Tgt Ion:149 Resp: 655083

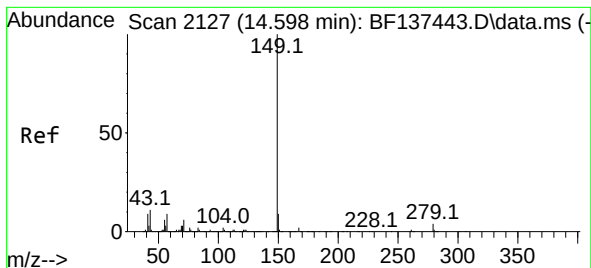
Ion Ratio Lower Upper

149 100

167 27.5 21.3 31.9

279 4.5 2.6 4.0#





#85

Di-n-octyl phthalate

Concen: 48.460 ng

RT: 14.480 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF137653.D

Acq: 20 Mar 2024 14:09

Instrument :

BNA_F

ClientSampleId :

PB159685BS

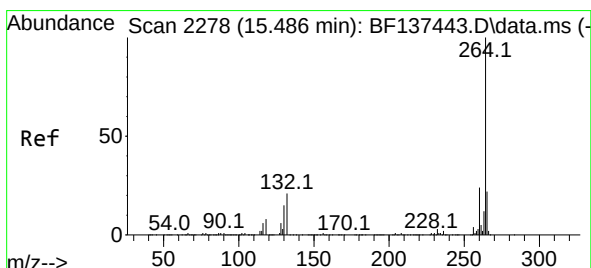
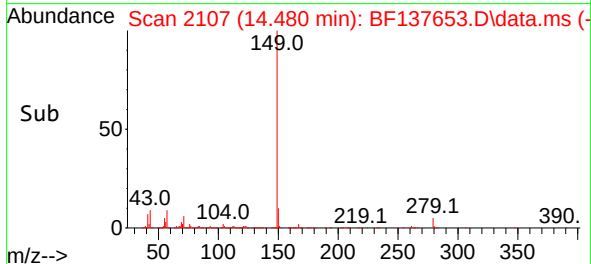
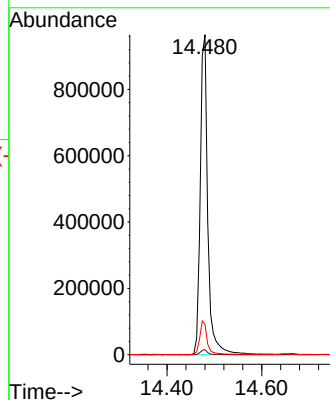
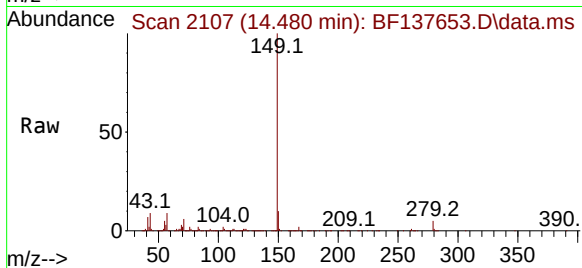
Tgt Ion:149 Resp: 1068729

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.4 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.304 min Scan# 2247

Delta R.T. 0.006 min

Lab File: BF137653.D

Acq: 20 Mar 2024 14:09

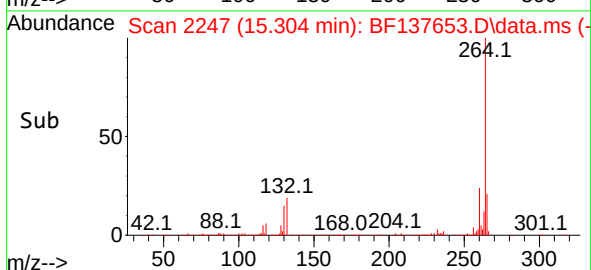
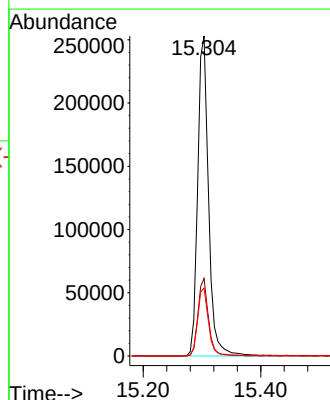
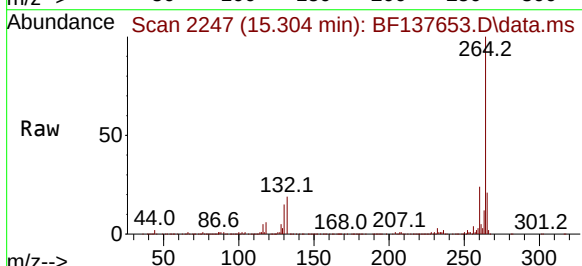
Tgt Ion:264 Resp: 324676

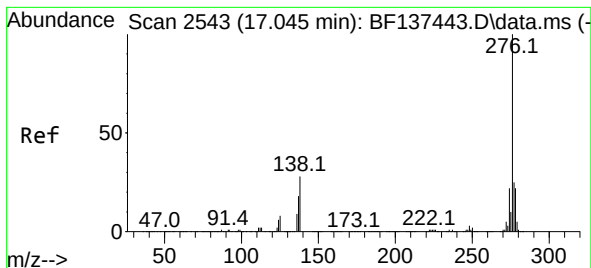
Ion Ratio Lower Upper

264 100

260 24.3 19.3 28.9

265 21.2 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.341 ng

RT: 16.698 min Scan# 2178

Delta R.T. 0.012 min

Lab File: BF137653.D

Acq: 20 Mar 2024 14:09

Instrument :

BNA_F

ClientSampleId :

PB159685BS

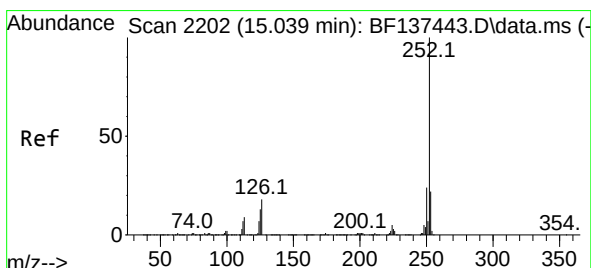
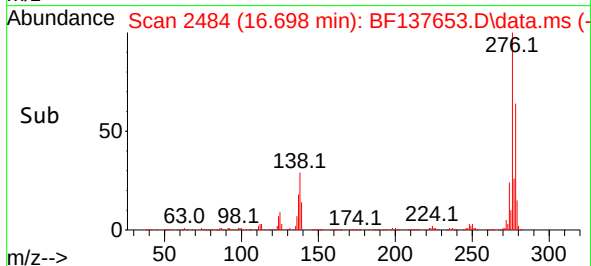
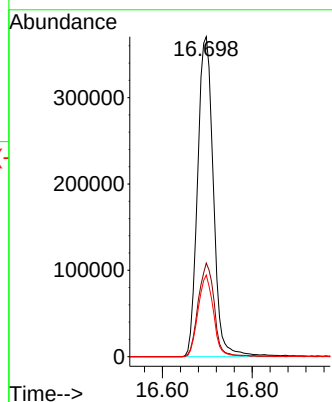
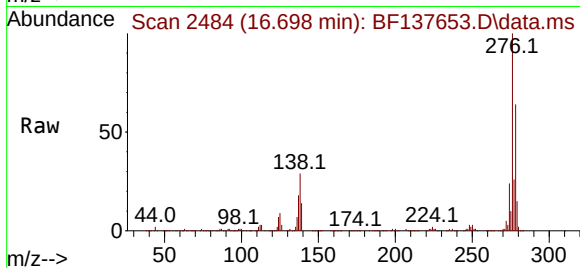
Tgt Ion:276 Resp: 904658

Ion Ratio Lower Upper

276 100

138 29.7 25.8 38.8

277 24.9 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 48.139 ng

RT: 14.898 min Scan# 2178

Delta R.T. 0.006 min

Lab File: BF137653.D

Acq: 20 Mar 2024 14:09

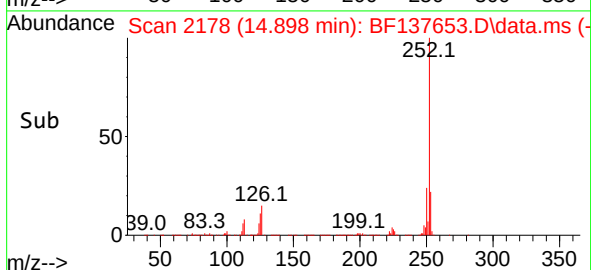
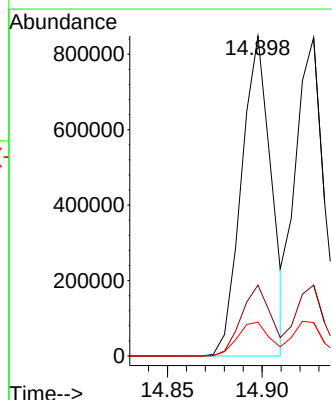
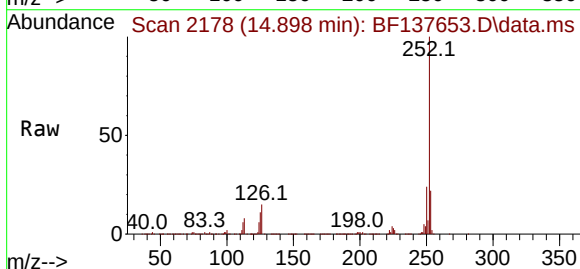
Tgt Ion:252 Resp: 924549

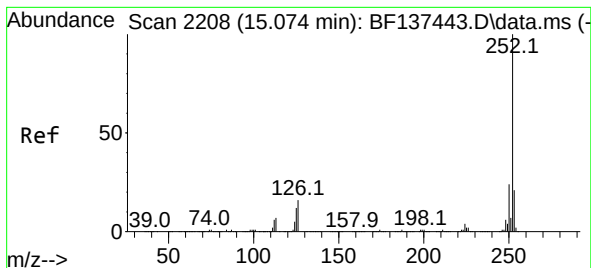
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

125 10.5 10.1 15.1





#89

Benzo(k)fluoranthene

Concen: 43.700 ng

RT: 14.927 min Scan# 2183

Delta R.T. 0.006 min

Lab File: BF137653.D

Acq: 20 Mar 2024 14:09

Instrument :

BNA_F

ClientSampleId :

PB159685BS

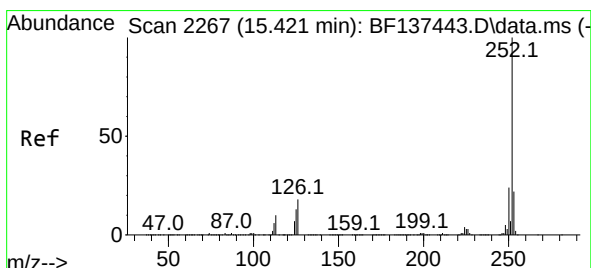
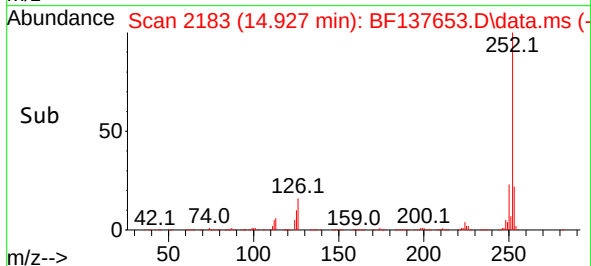
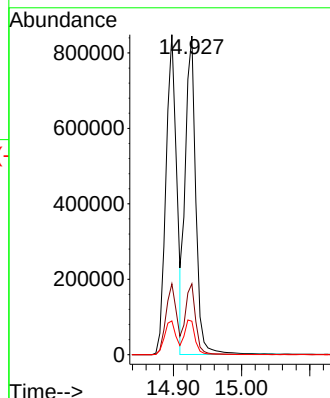
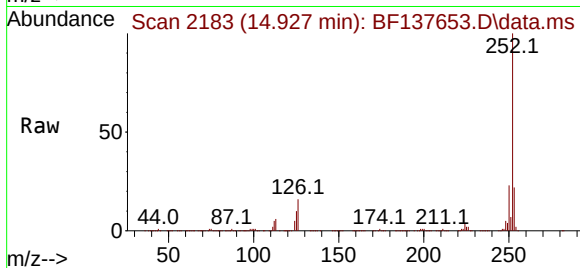
Tgt Ion:252 Resp: 901473

Ion Ratio Lower Upper

252 100

253 22.3 17.3 25.9

125 10.5 9.6 14.4



#90

Benzo(a)pyrene

Concen: 43.020 ng

RT: 15.245 min Scan# 2237

Delta R.T. 0.006 min

Lab File: BF137653.D

Acq: 20 Mar 2024 14:09

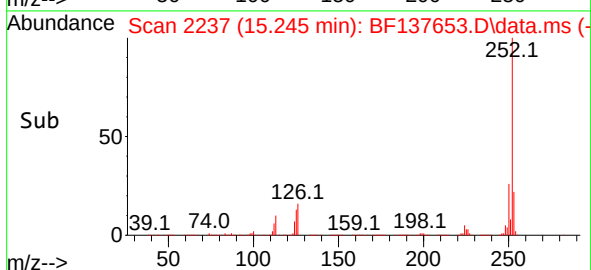
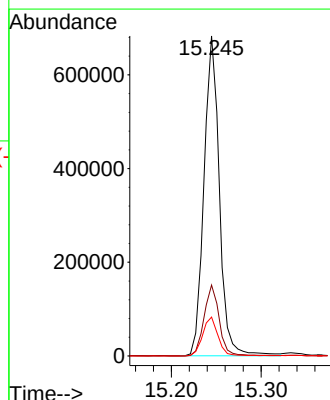
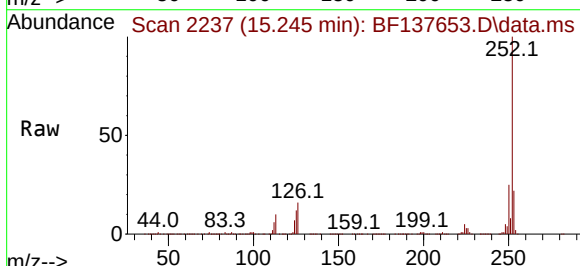
Tgt Ion:252 Resp: 814216

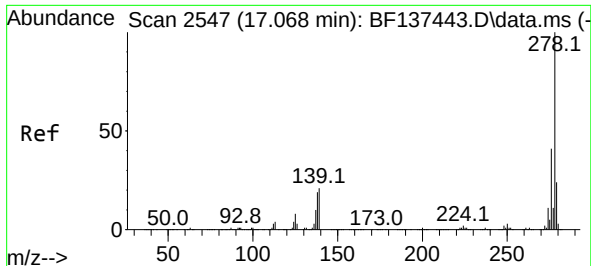
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

125 12.2 10.4 15.6

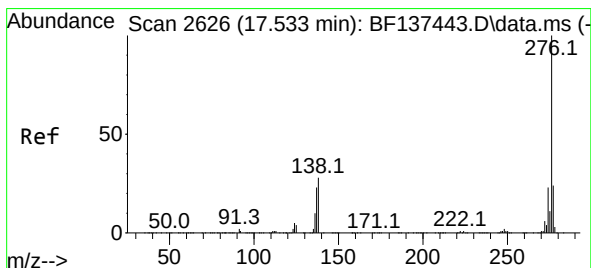
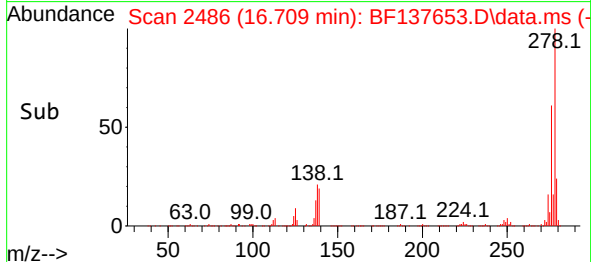
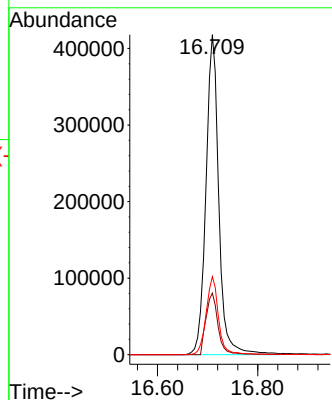
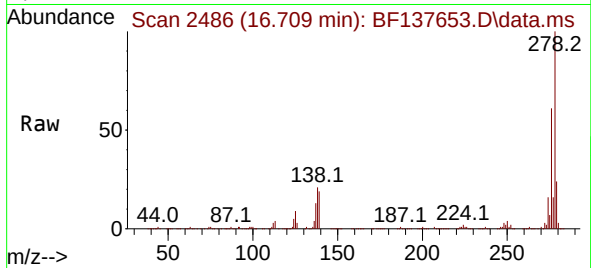




#91
Dibenzo(a,h)anthracene
Concen: 42.930 ng
RT: 16.709 min Scan# 24
Delta R.T. 0.012 min
Lab File: BF137653.D
Acq: 20 Mar 2024 14:09

Instrument :
BNA_F
ClientSampleId :
PB159685BS

Tgt Ion:278 Resp: 744071
Ion Ratio Lower Upper
278 100
139 19.3 17.0 25.6
279 24.4 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 41.026 ng
RT: 17.115 min Scan# 2555
Delta R.T. 0.012 min
Lab File: BF137653.D
Acq: 20 Mar 2024 14:09

Tgt Ion:276 Resp: 730263
Ion Ratio Lower Upper
276 100
277 23.8 19.0 28.4
138 25.4 22.2 33.2

