

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031324\
 Data File : BF137573.D
 Acq On : 13 Mar 2024 10:28
 Operator : CG\JU
 Sample : PB159549BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159549BS

Quant Time: Mar 13 11:22:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 12 02:00:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	226722	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	900201	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	492149	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	872067	20.000	ng	0.00
76) Chrysene-d12	14.098	240	503230	20.000	ng	0.00
86) Perylene-d12	15.651	264	435106	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1880248	125.604	ng	0.02
7) Phenol-d6	6.557	99	2542420	117.659	ng	0.00
23) Nitrobenzene-d5	7.469	82	1642867	84.797	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	643412	148.872	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2571427	81.789	ng	0.00
79) Terphenyl-d14	13.039	244	2943386	80.430	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.887	88	294996	36.040	ng	97
3) Pyridine	3.663	79	667113	33.794	ng	99
4) n-Nitrosodimethylamine	3.646	42	336827	42.587	ng	96
6) Aniline	6.581	93	568890	21.546	ng	93
8) 2-Chlorophenol	6.698	128	745314	47.204	ng	98
9) Benzaldehyde	6.469	77	300761	28.411	ng	94
10) Phenol	6.569	94	986205	42.403	ng	95
11) bis(2-Chloroethyl)ether	6.651	93	782726	45.926	ng	99
12) 1,3-Dichlorobenzene	6.845	146	764791	45.329	ng	99
13) 1,4-Dichlorobenzene	6.922	146	780863	45.234	ng	98
14) 1,2-Dichlorobenzene	7.069	146	739847	46.694	ng	99
15) Benzyl Alcohol	7.051	79	684948	50.916	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	1216397	41.521	ng	91
17) 2-Methylphenol	7.163	107	620796	42.018	ng	97
18) Hexachloroethane	7.404	117	270302	47.554	ng	95
19) n-Nitroso-di-n-propyla...	7.322	70	566647	42.466	ng	100
20) 3+4-Methylphenols	7.316	107	708245	41.856	ng	93
22) Acetophenone	7.316	105	977433	44.876	ng	# 97
24) Nitrobenzene	7.487	77	846587	43.499	ng	97
25) Isophorone	7.722	82	1646274	44.727	ng	99
26) 2-Nitrophenol	7.798	139	389454	50.403	ng	95
27) 2,4-Dimethylphenol	7.839	122	564534	39.101	ng	98
28) bis(2-Chloroethoxy)met...	7.934	93	972194	45.017	ng	99
29) 2,4-Dichlorophenol	8.039	162	625074	47.173	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	643157	46.123	ng	99
31) Naphthalene	8.198	128	2085963	43.188	ng	100
32) Benzoic acid	7.992	122	390502	47.102	ng	96
33) 4-Chloroaniline	8.251	127	309203	16.326	ng	98
34) Hexachlorobutadiene	8.310	225	377721	45.883	ng	99
35) Caprolactam	8.634	113	110536	24.601	ng	96
36) 4-Chloro-3-methylphenol	8.745	107	683115	46.121	ng	98
37) 2-Methylnaphthalene	8.892	142	1285428	41.748	ng	99
38) 1-Methylnaphthalene	8.992	142	1211039	41.765	ng	100
40) 1,2,4,5-Tetrachloroben...	9.057	216	634938	46.212	ng	99
41) Hexachlorocyclopentadiene	9.039	237	519760	91.389	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	430205	48.082	ng	99

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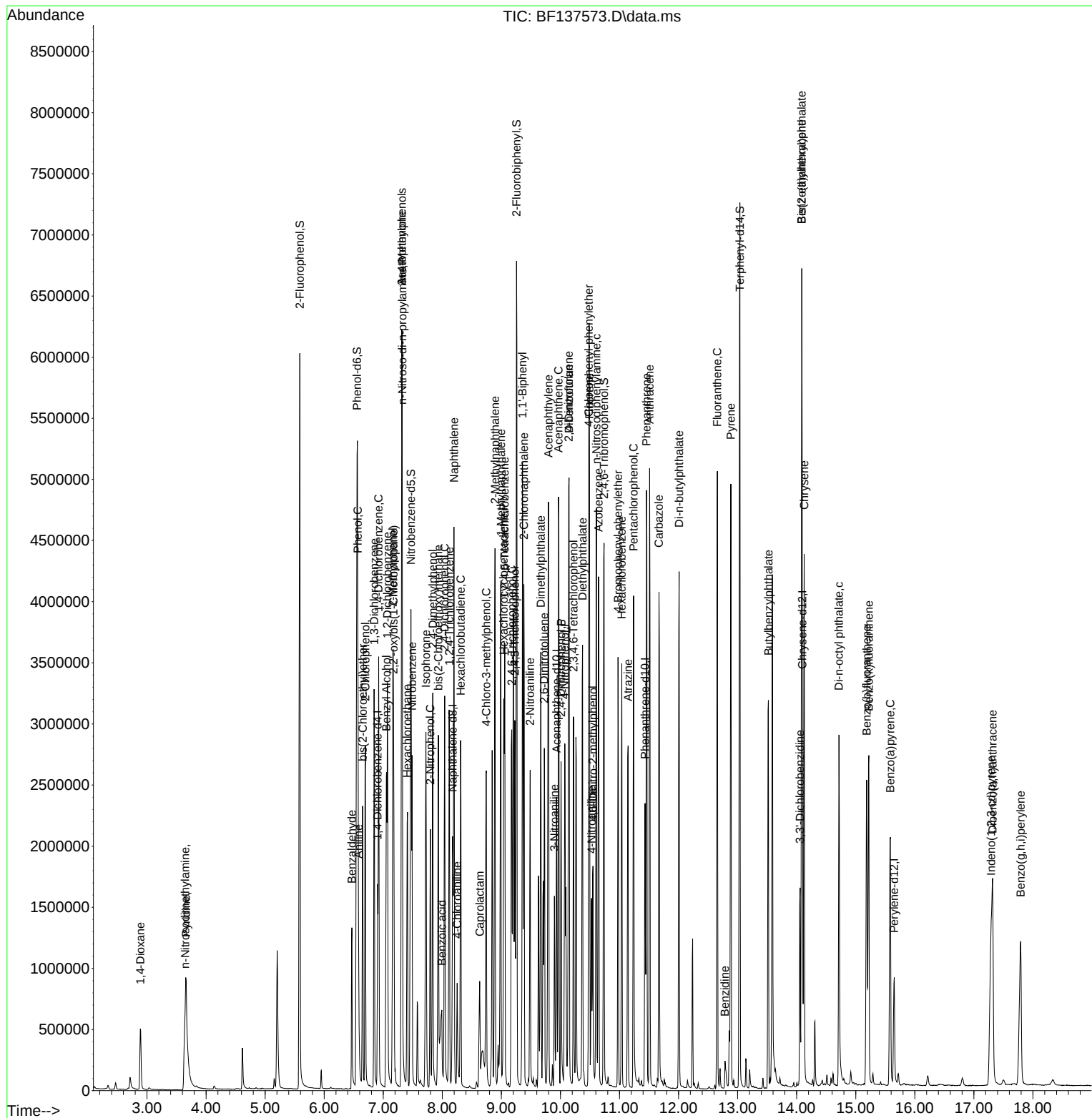
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.228	196	460006	44.631	ng	98
46) 1,1'-Biphenyl	9.357	154	1583841	43.970	ng	99
47) 2-Chloronaphthalene	9.381	162	1275501	46.444	ng	98
48) 2-Nitroaniline	9.486	65	458301	49.098	ng	98
49) Acenaphthylene	9.798	152	1971924	44.867	ng	100
50) Dimethylphthalate	9.669	163	1574726	45.965	ng	99
51) 2,6-Dinitrotoluene	9.728	165	345467	48.211	ng	99
52) Acenaphthene	9.969	154	1124465	42.855	ng	98
53) 3-Nitroaniline	9.898	138	253699	33.472	ng	100
54) 2,4-Dinitrophenol	10.010	184	354151	99.137	ng	96
55) Dibenzofuran	10.145	168	1674984	41.913	ng	100
56) 4-Nitrophenol	10.075	139	501978	92.349	ng	99
57) 2,4-Dinitrotoluene	10.139	165	421545	47.883	ng	92
58) Fluorene	10.492	166	1289067	42.001	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	381330	46.137	ng	99
60) Diethylphthalate	10.375	149	1466342	45.325	ng	100
61) 4-Chlorophenyl-phenyle...	10.480	204	634592	42.189	ng	99
62) 4-Nitroaniline	10.528	138	304673	46.769	ng	95
63) Azobenzene	10.645	77	1607689	43.156	ng	99
65) 4,6-Dinitro-2-methylph...	10.551	198	258296	53.143	ng	83
66) n-Nitrosodiphenylamine	10.610	169	1205240	42.919	ng	100
67) 4-Bromophenyl-phenylether	10.975	248	423844	44.623	ng	96
68) Hexachlorobenzene	11.039	284	465501	48.523	ng	# 92
69) Atrazine	11.145	200	361832	42.385	ng	99
70) Pentachlorophenol	11.239	266	508126	87.616	ng	99
71) Phenanthrene	11.457	178	2012671	42.408	ng	99
72) Anthracene	11.510	178	2046251	41.980	ng	100
73) Carbazole	11.669	167	1841715	44.110	ng	99
74) Di-n-butylphthalate	12.010	149	2254002	45.374	ng	99
75) Fluoranthene	12.657	202	2015828	43.453	ng	98
77) Benzidine	12.786	184	138012	11.207	ng	100
78) Pyrene	12.886	202	2043037	41.375	ng	99
80) Butylbenzylphthalate	13.521	149	772051	61.223	ng	95
81) Benzo(a)anthracene	14.086	228	1525709	43.257	ng	99
82) 3,3'-Dichlorobenzidine	14.057	252	367307	39.106	ng	99
83) Chrysene	14.127	228	1577287	44.246	ng	100
84) Bis(2-ethylhexyl)phtha...	14.086	149	963319	60.101	ng	# 98
85) Di-n-octyl phthalate	14.715	149	1711206	54.531	ng	97
87) Indeno(1,2,3-cd)pyrene	17.292	276	1328913	46.412	ng	98
88) Benzo(b)fluoranthene	15.186	252	1398550	54.337	ng	99
89) Benzo(k)fluoranthene	15.221	252	1238796	44.810	ng	98
90) Benzo(a)pyrene	15.586	252	1187847	46.833	ng	99
91) Dibenzo(a,h)anthracene	17.315	278	1081461	46.560	ng	98
92) Benzo(g,h,i)perylene	17.792	276	1074380	45.040	ng	98

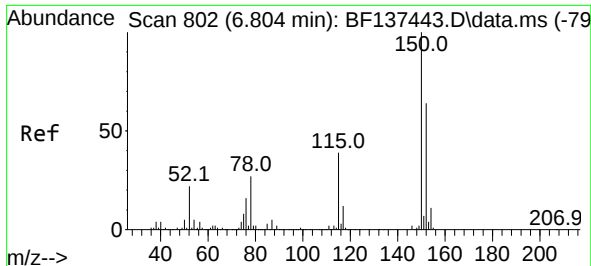
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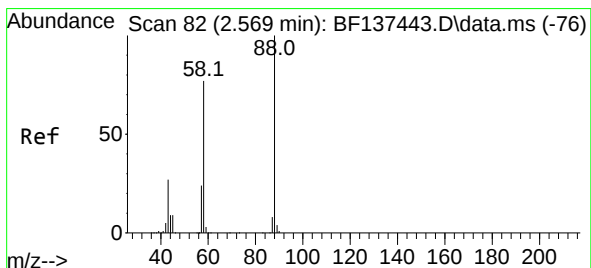
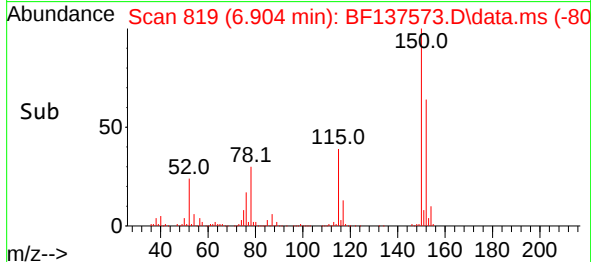
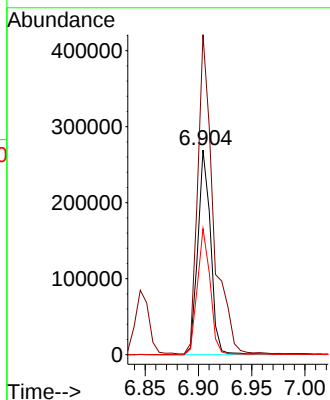
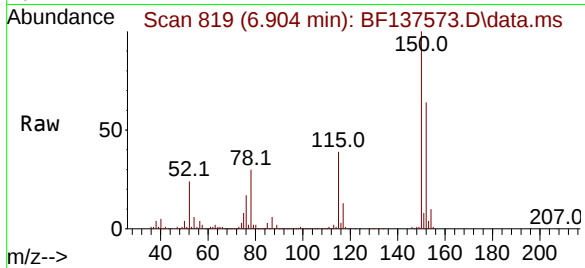




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF137573.D
 Acq: 13 Mar 2024 10:28

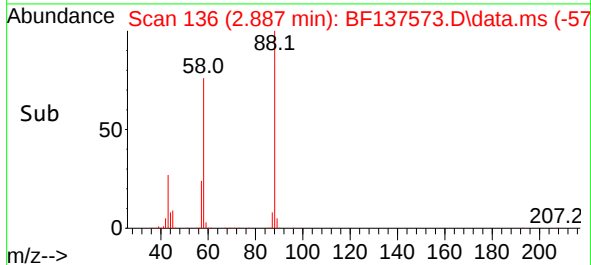
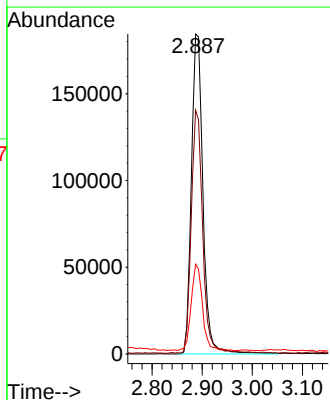
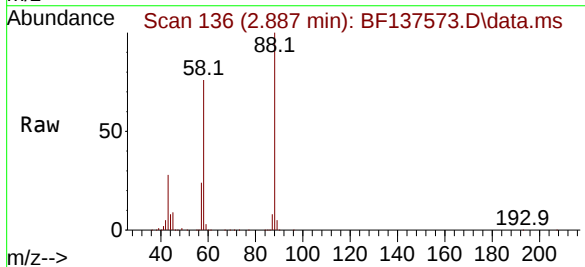
Instrument :
 BNA_F
 ClientSampleId :
 PB159549BS

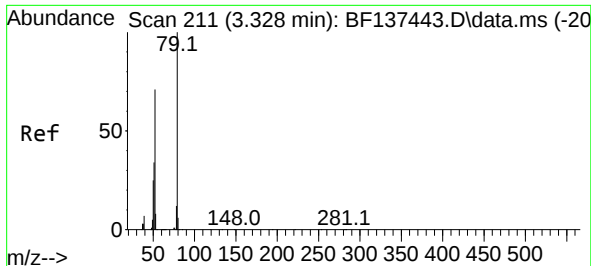
Tgt Ion:152 Resp: 226722
 Ion Ratio Lower Upper
 152 100
 150 156.4 125.8 188.6
 115 61.6 48.8 73.2



#2
 1,4-Dioxane
 Concen: 36.040 ng
 RT: 2.887 min Scan# 136
 Delta R.T. 0.112 min
 Lab File: BF137573.D
 Acq: 13 Mar 2024 10:28

Tgt Ion: 88 Resp: 294996
 Ion Ratio Lower Upper
 88 100
 58 74.6 61.8 92.8
 43 26.4 22.2 33.4

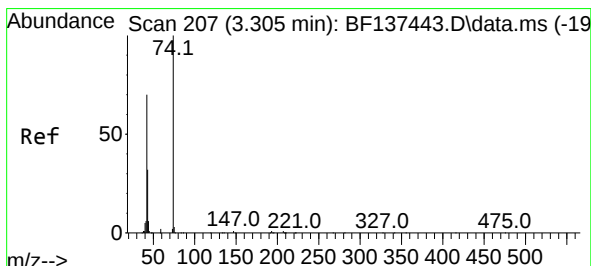
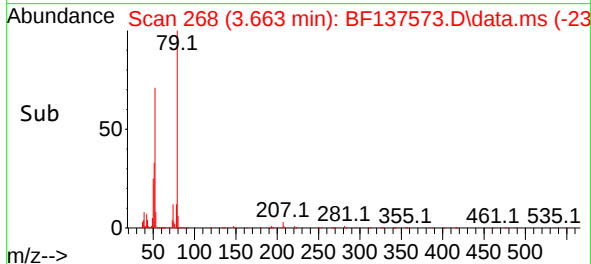
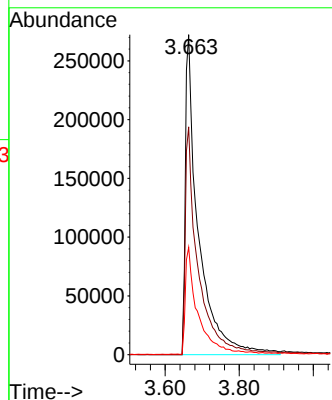
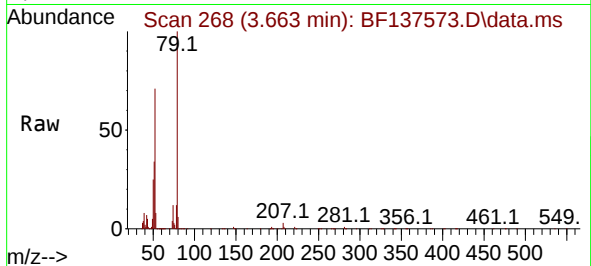




#3
Pyridine
Concen: 33.794 ng
RT: 3.663 min Scan# 20
Delta R.T. 0.088 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

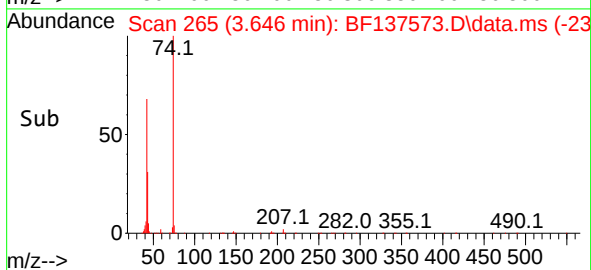
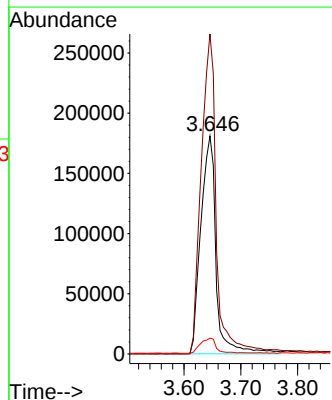
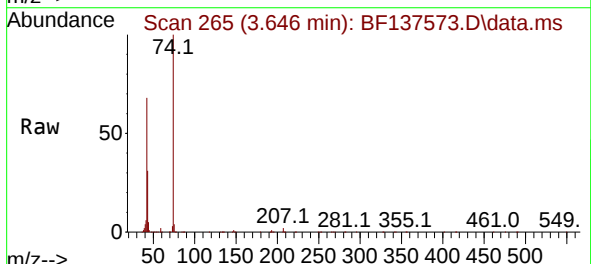
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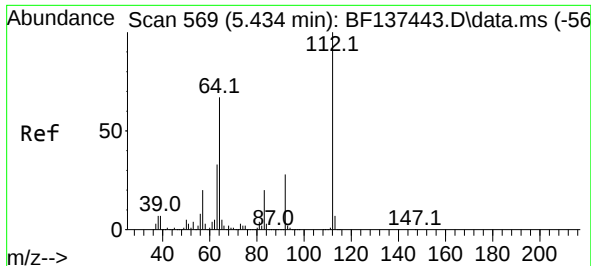
Tgt Ion: 79 Resp: 667113
Ion Ratio Lower Upper
79 100
52 71.2 57.0 85.4
51 33.6 27.5 41.3



#4
n-Nitrosodimethylamine
Concen: 42.587 ng
RT: 3.646 min Scan# 265
Delta R.T. 0.076 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

Tgt Ion: 42 Resp: 336827
Ion Ratio Lower Upper
42 100
74 146.8 114.0 171.0
44 7.3 7.0 10.4

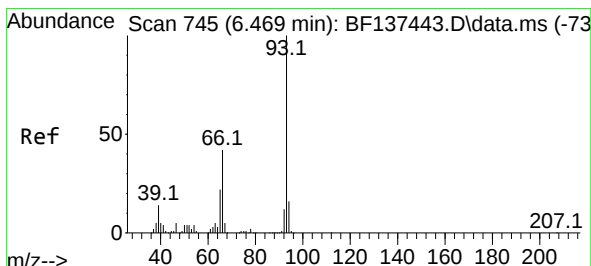
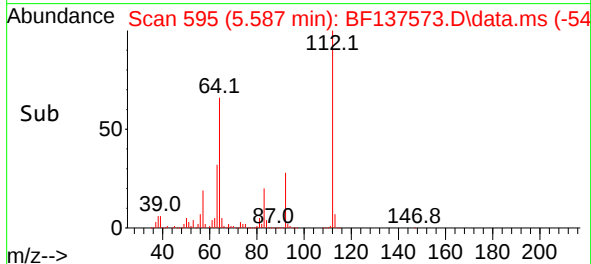
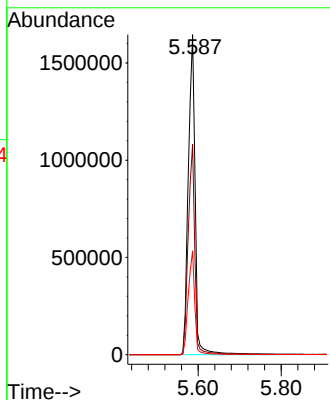
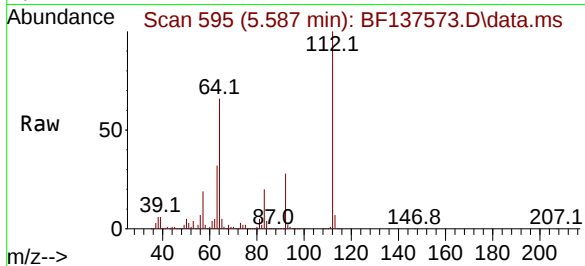




#5
2-Fluorophenol
Concen: 125.604 ng
RT: 5.587 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

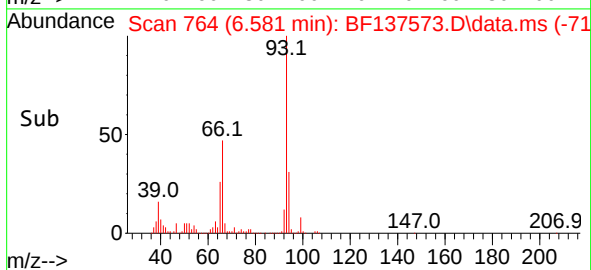
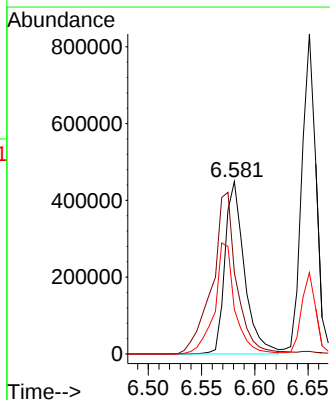
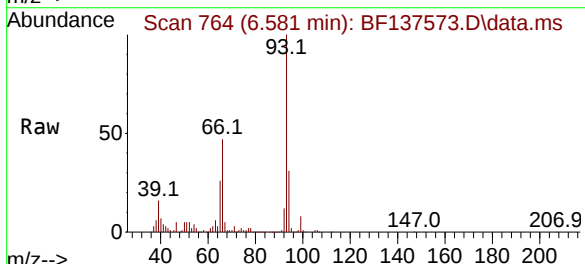
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Tgt Ion:112 Resp: 1880248
Ion Ratio Lower Upper
112 100
64 65.8 53.4 80.2
63 32.5 26.2 39.2



#6
Aniline
Concen: 21.546 ng
RT: 6.581 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

Tgt Ion: 93 Resp: 568890
Ion Ratio Lower Upper
93 100
66 47.1 34.0 51.0
65 25.7 17.8 26.8





#7

Phenol-d6

Concen: 117.659 ng

RT: 6.557 min Scan# 70

Delta R.T. 0.000 min

Lab File: BF137573.D

Acq: 13 Mar 2024 10:28

Instrument :

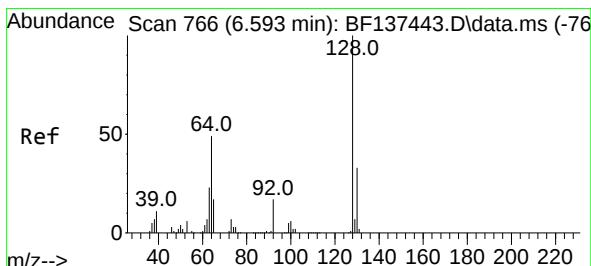
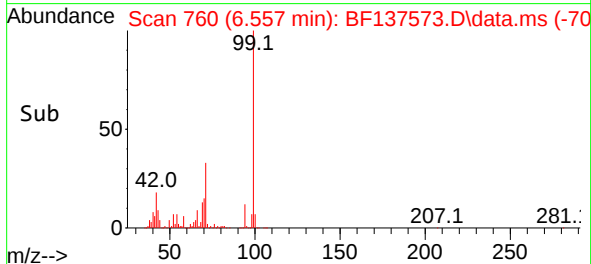
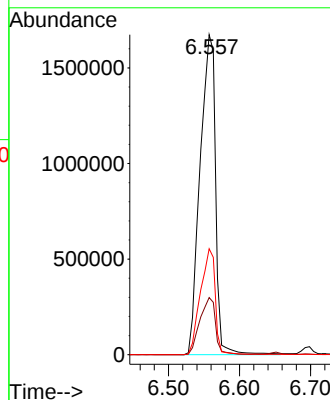
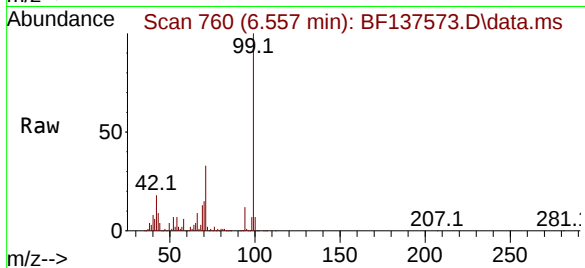
BNA_F

ClientSampleId :

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Tgt Ion: 99 Resp: 2542420

Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.6	21.8
71	33.1	25.3	37.9



#8

2-Chlorophenol

Concen: 47.204 ng

RT: 6.698 min Scan# 784

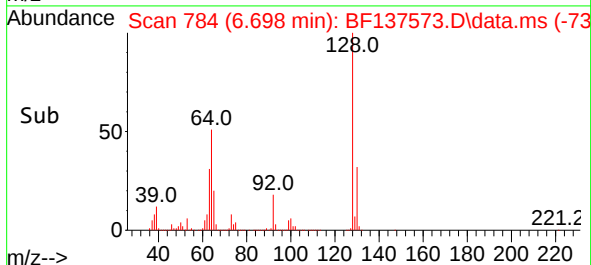
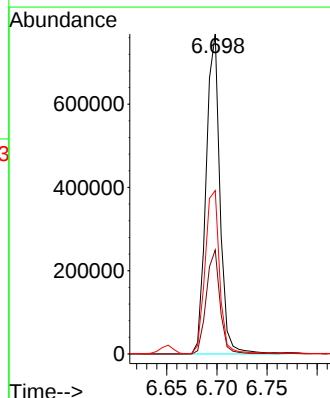
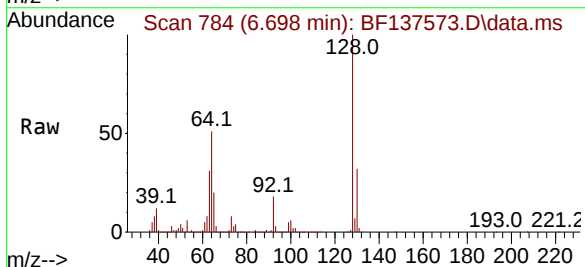
Delta R.T. 0.000 min

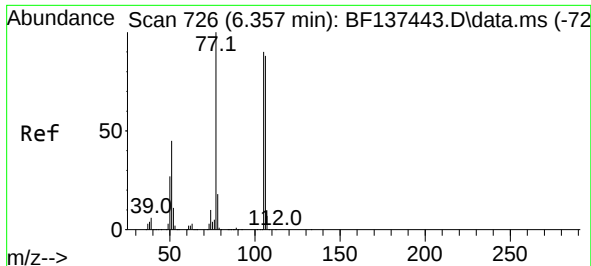
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Tgt Ion:128 Resp: 745314

Ion	Ratio	Lower	Upper
128	100		
130	32.5	13.4	53.4
64	51.1	30.0	70.0





#9

Benzaldehyde

Concen: 28.411 ng

RT: 6.469 min Scan# 745

Delta R.T. 0.000 min

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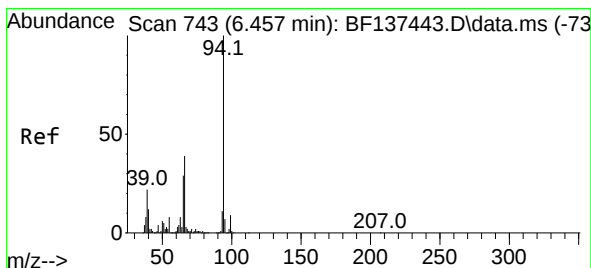
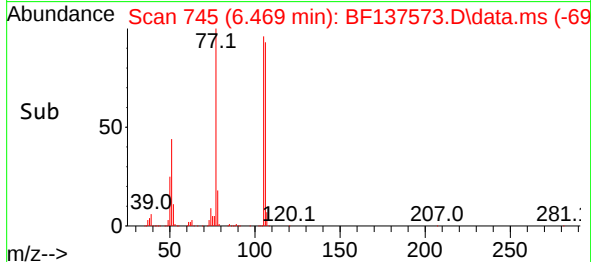
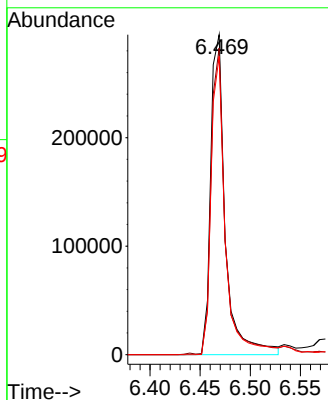
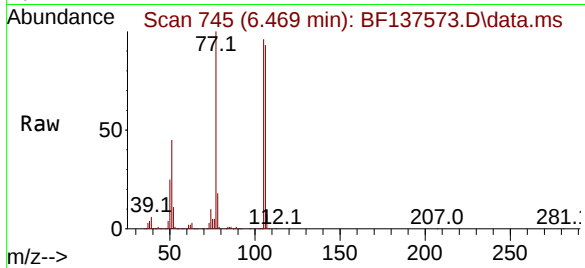
Tgt Ion: 77 Resp: 300761

Ion Ratio Lower Upper

77 100

105 95.9 69.8 109.8

106 93.3 67.8 107.8



#10

Phenol

Concen: 42.403 ng

RT: 6.569 min Scan# 762

Delta R.T. -0.000 min

Lab File: BF137573.D

Acq: 13 Mar 2024 10:28

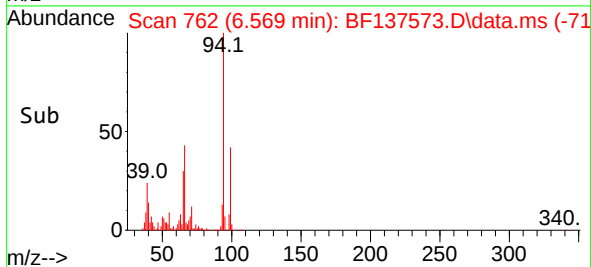
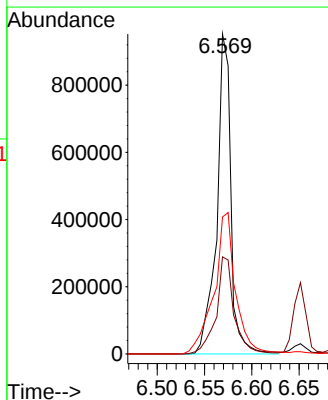
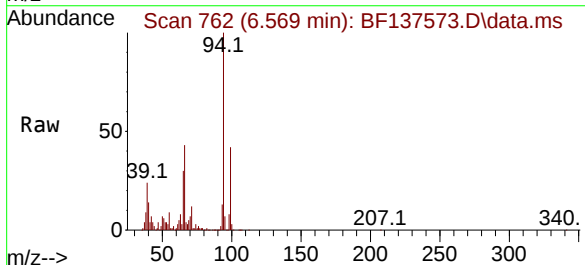
Tgt Ion: 94 Resp: 986205

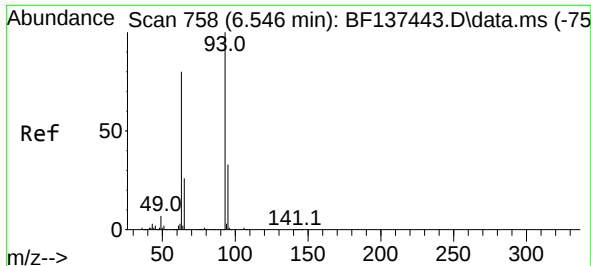
Ion Ratio Lower Upper

94 100

65 30.4 8.7 48.7

66 42.8 18.6 58.6



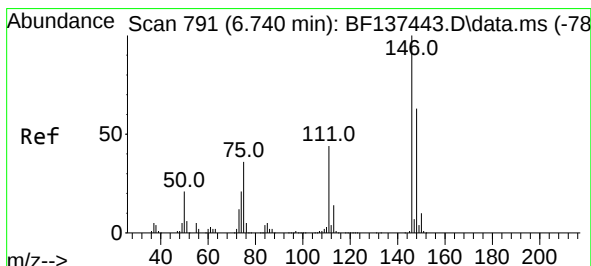
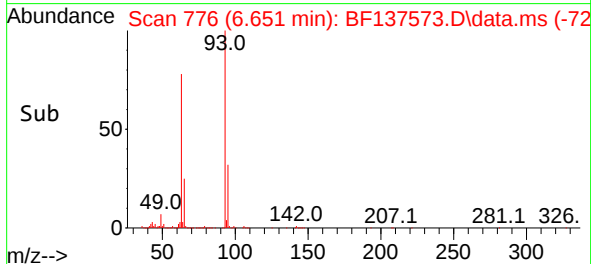
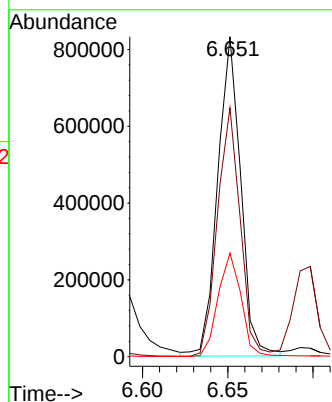
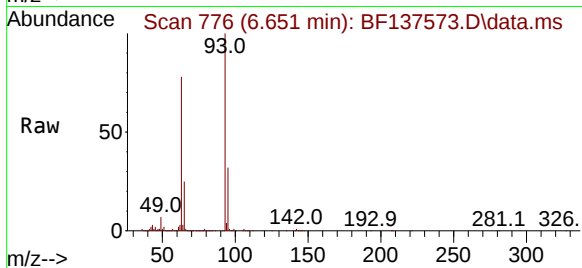


#11
 bis(2-Chloroethyl)ether
 Concen: 45.926 ng
 RT: 6.651 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF137573.D
 Acq: 13 Mar 2024 10:28

Instrument :
 BNA_F
 ClientSampleId :
 PB159549BS

Tgt Ion: 93 Resp: 782726

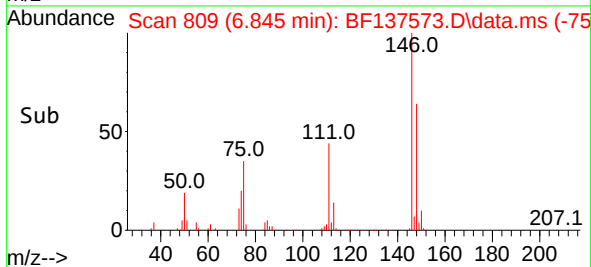
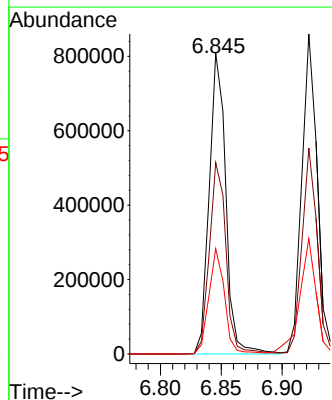
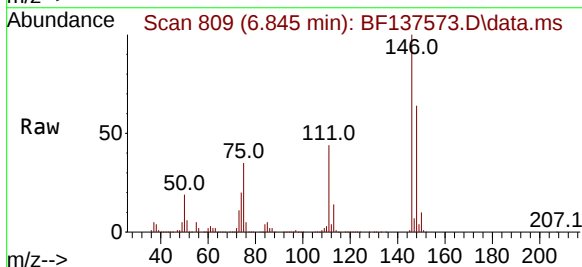
Ion	Ratio	Lower	Upper
93	100		
63	77.7	58.9	98.9
95	32.3	12.2	52.2

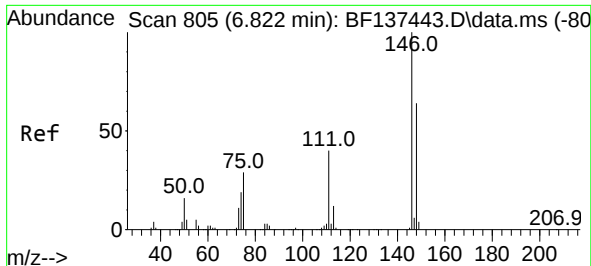


#12
 1,3-Dichlorobenzene
 Concen: 45.329 ng
 RT: 6.845 min Scan# 809
 Delta R.T. 0.000 min
 Lab File: BF137573.D
 Acq: 13 Mar 2024 10:28

Tgt Ion: 146 Resp: 764791

Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.3	75.5
75	35.0	29.0	43.4

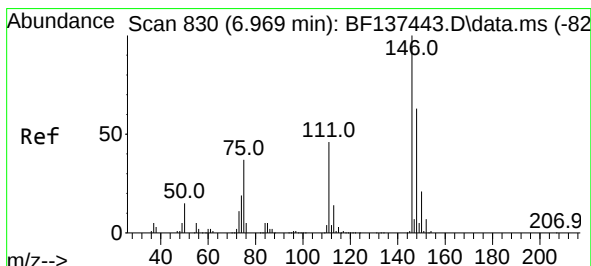
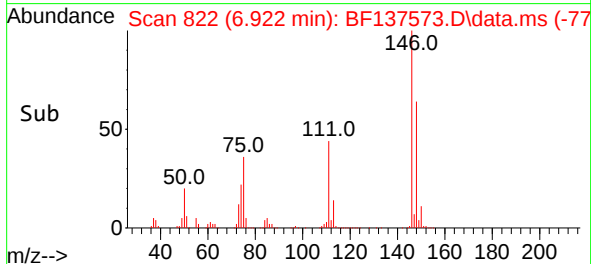
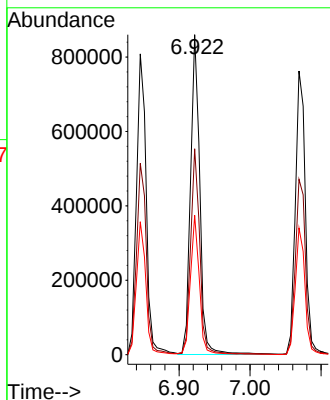
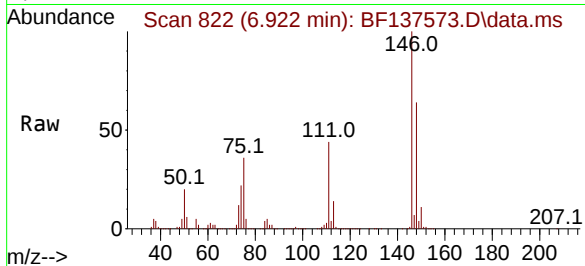




#13
1,4-Dichlorobenzene
Concen: 45.234 ng
RT: 6.922 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

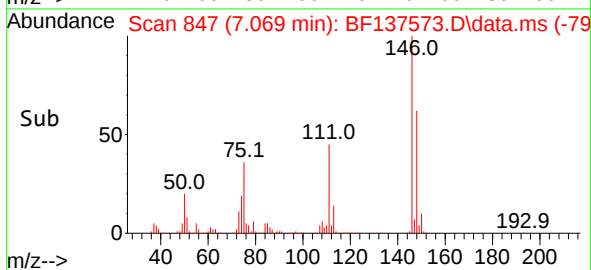
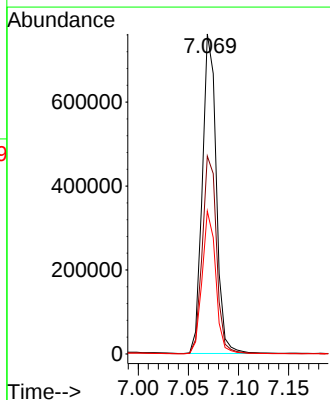
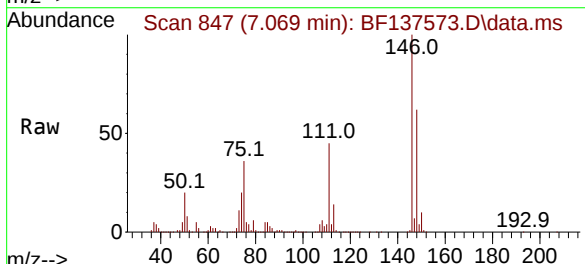
Instrument :
BNA_F
ClientSampleId :
PB159549BS

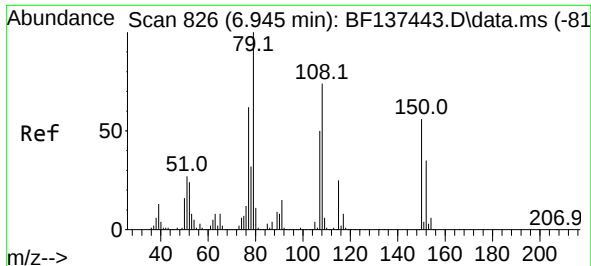
Tgt Ion:146 Resp: 780863
Ion Ratio Lower Upper
146 100
148 64.4 51.2 76.8
111 43.6 32.4 48.6



#14
1,2-Dichlorobenzene
Concen: 46.694 ng
RT: 7.069 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

Tgt Ion:146 Resp: 739847
Ion Ratio Lower Upper
146 100
148 61.8 50.0 75.0
111 44.7 36.8 55.2

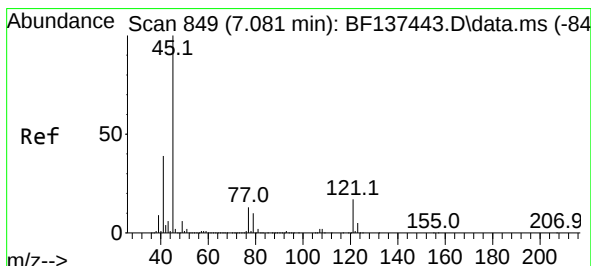
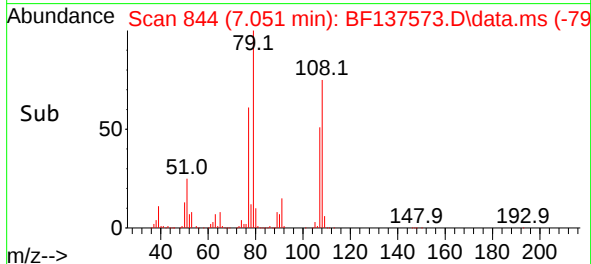
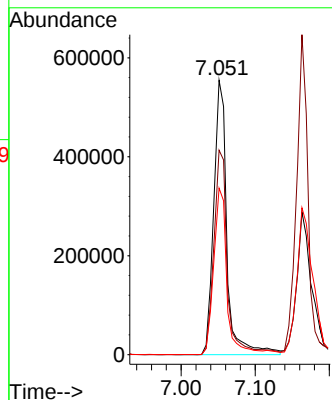
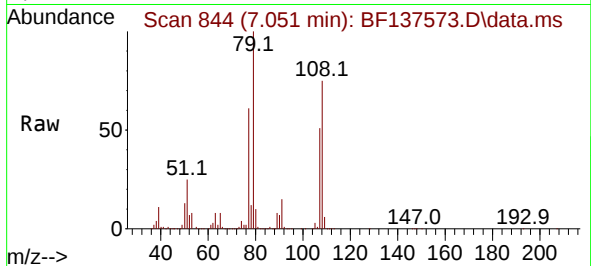




#15
Benzyl Alcohol
Concen: 50.916 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

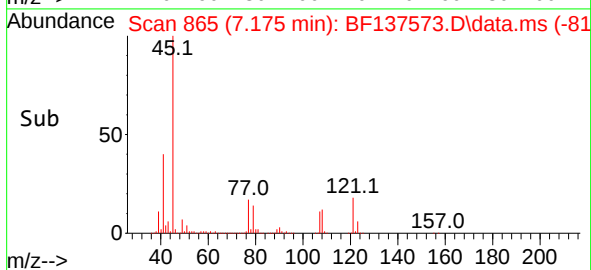
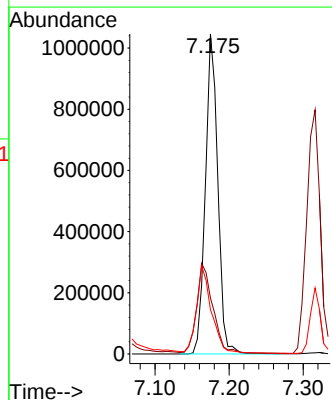
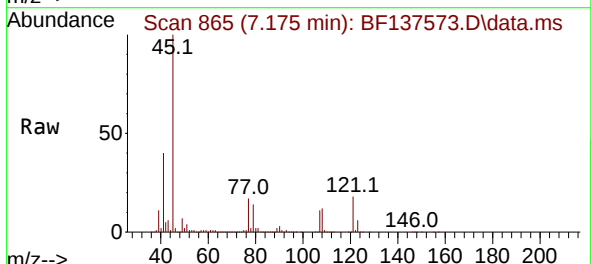
Instrument :
BNA_F
ClientSampleId :
PB159549BS

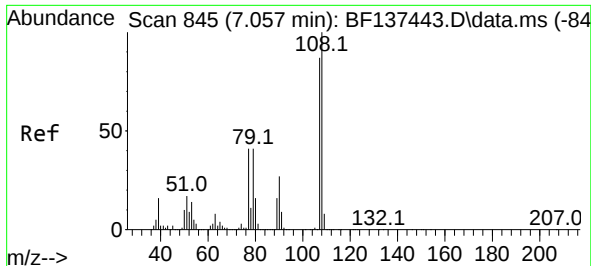
Tgt Ion: 79 Resp: 684948
Ion Ratio Lower Upper
79 100
108 74.5 59.5 89.3
77 60.7 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.521 ng
RT: 7.175 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

Tgt Ion: 45 Resp: 1216397
Ion Ratio Lower Upper
45 100
77 17.5 0.0 33.4
79 13.8 0.0 30.9

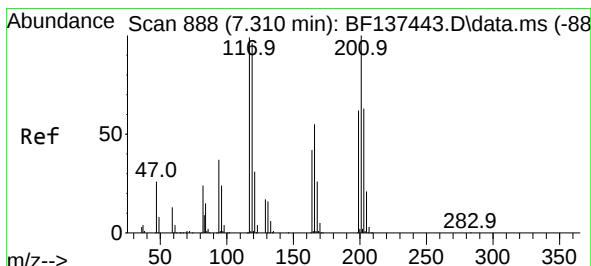
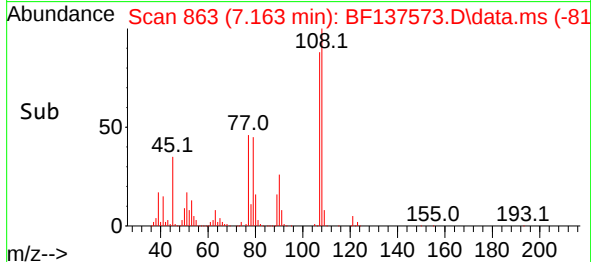
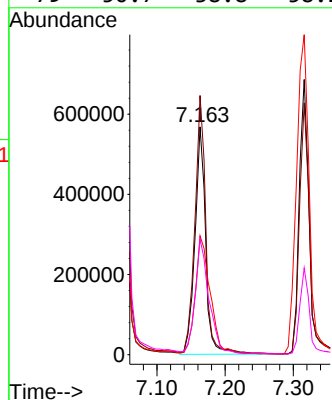
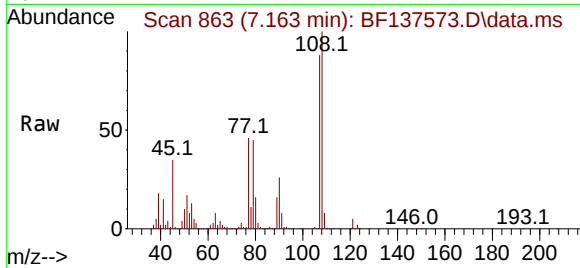




#17
2-Methylphenol
Concen: 42.018 ng
RT: 7.163 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

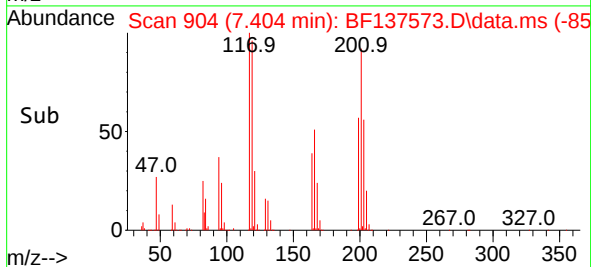
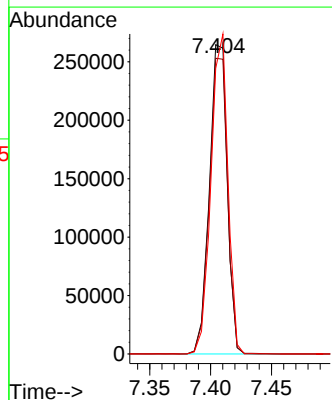
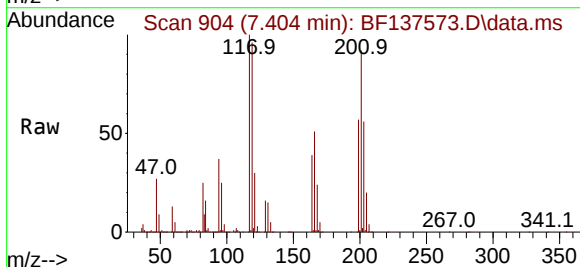
Instrument :
BNA_F
ClientSampleId :
PB159549BS

Tgt Ion:107 Resp: 620796
Ion Ratio Lower Upper
107 100
108 113.8 92.2 138.4
77 52.2 38.6 57.8
79 50.7 38.8 58.2



#18
Hexachloroethane
Concen: 47.554 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

Tgt Ion:117 Resp: 270302
Ion Ratio Lower Upper
117 100
119 95.6 77.5 116.3
201 92.4 80.6 121.0

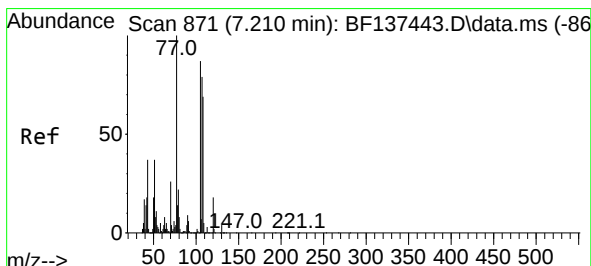
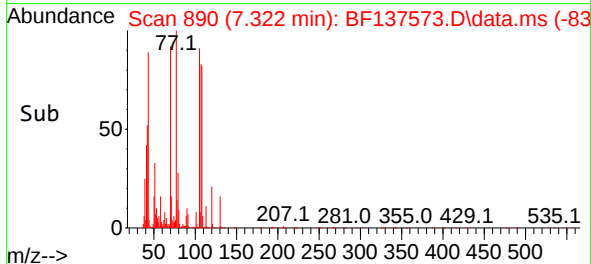
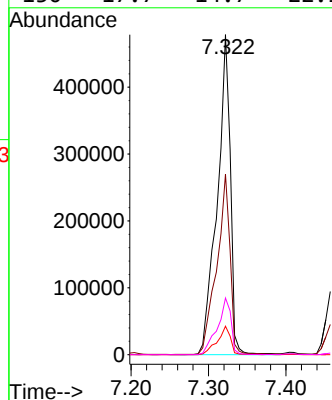
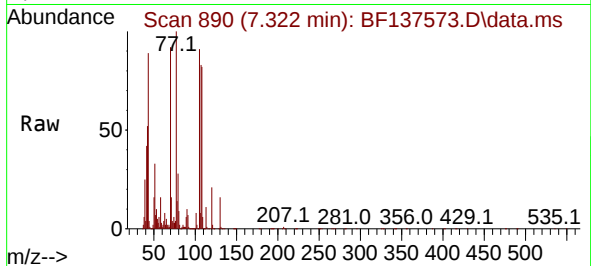




#19
n-Nitroso-di-n-propylamine
Concen: 42.466 ng
RT: 7.322 min Scan# 89
Delta R.T. 0.000 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

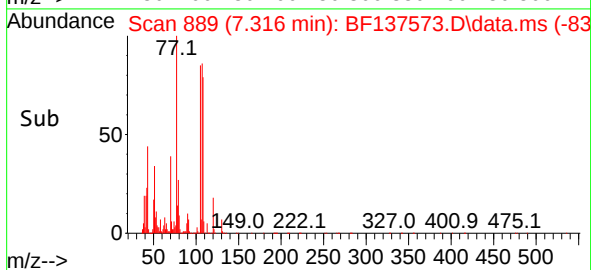
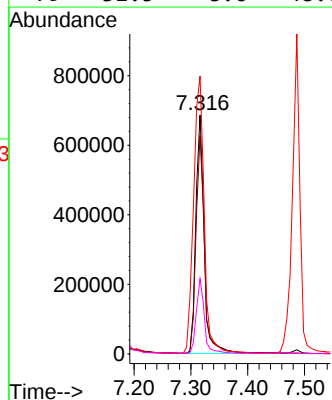
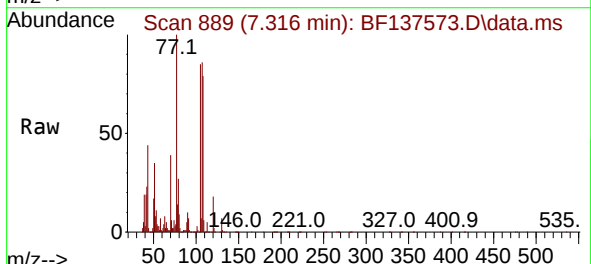
Instrument :
BNA_F
ClientSampleId :
PB159549BS

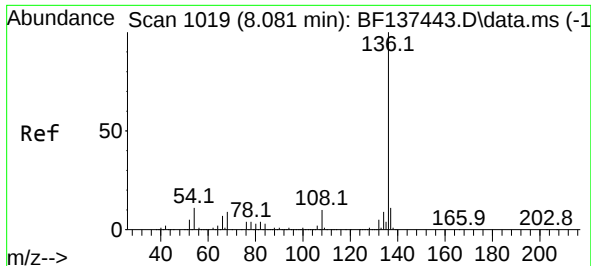
Tgt Ion: 70 Resp: 566647
Ion Ratio Lower Upper
70 100
42 56.5 45.2 67.8
101 8.9 7.3 10.9
130 17.7 14.7 22.1



#20
3+4-Methylphenols
Concen: 41.856 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

Tgt Ion:107 Resp: 708245
Ion Ratio Lower Upper
107 100
108 91.5 67.6 107.6
77 116.3 107.1 147.1
79 31.5 8.6 48.6



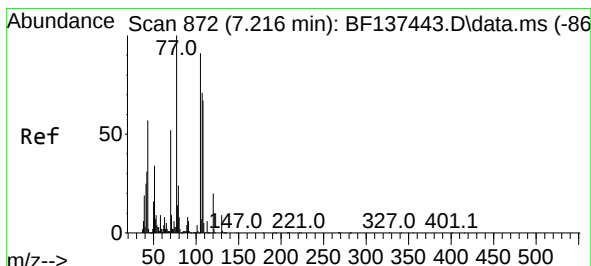
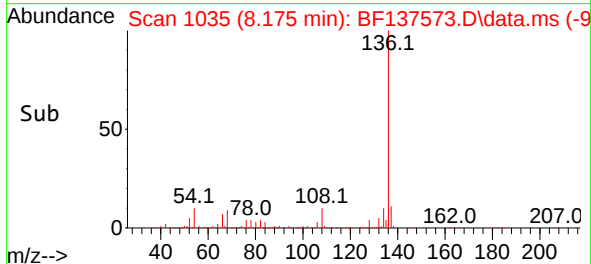
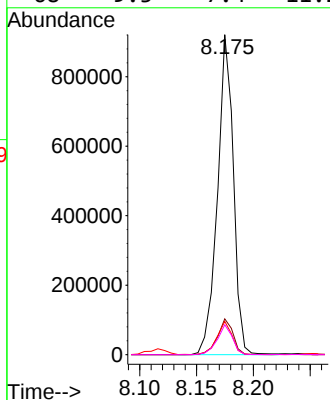
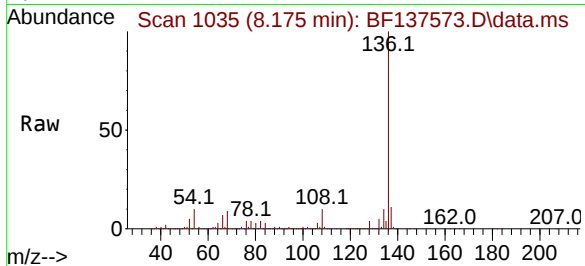


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

Instrument :
BNA_F
ClientSampleId :
PB159549BS

Tgt Ion:136 Resp: 900201

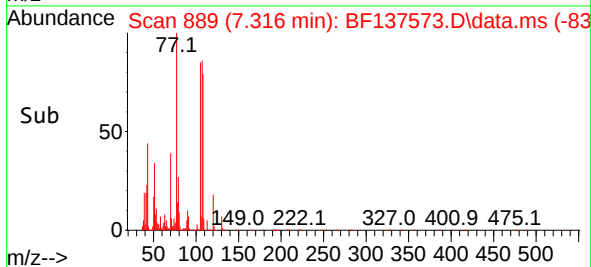
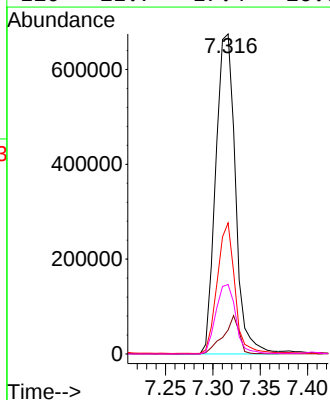
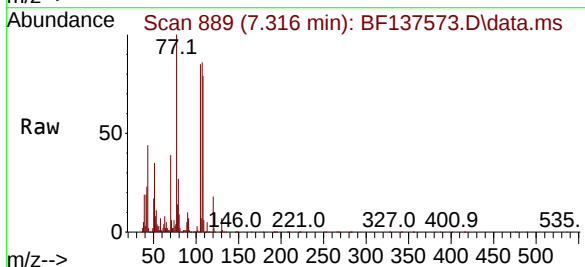
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	10.4	8.5	12.7
68	9.3	7.4	11.2

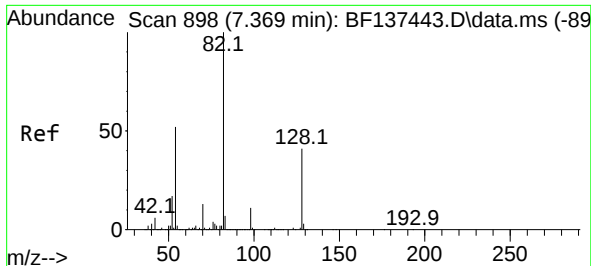


#22
Acetophenone
Concen: 44.876 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

Tgt Ion:105 Resp: 977433

Ion	Ratio	Lower	Upper
105	100		
71	7.5	7.7	11.5#
51	40.9	30.4	45.6
120	21.7	17.4	26.0





#23

Nitrobenzene-d5

Concen: 84.797 ng

RT: 7.469 min Scan# 915

Delta R.T. 0.000 min

Lab File: BF137573.D

Acq: 13 Mar 2024 10:28

Instrument :

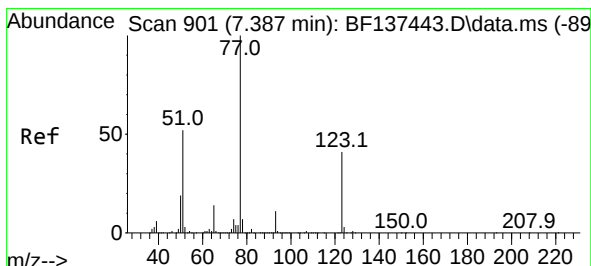
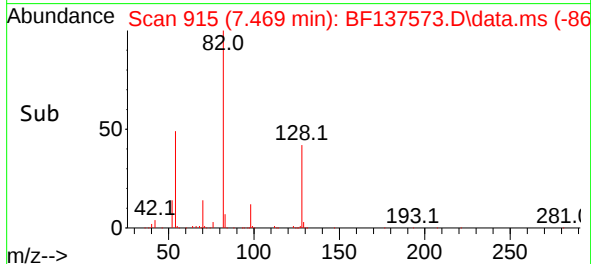
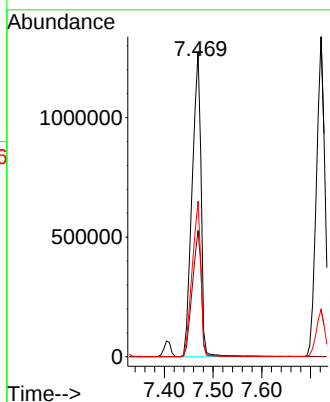
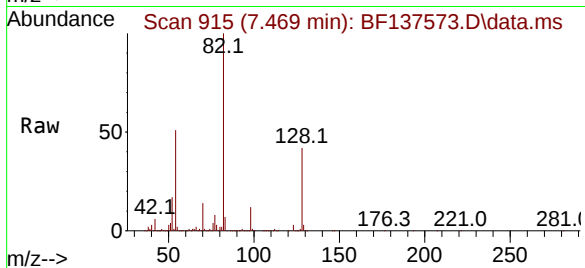
BNA_F

ClientSampleId :

PB159549BS

Tgt Ion: 82 Resp: 1642867

Ion	Ratio	Lower	Upper
82	100		
128	41.5	32.5	48.7
54	51.1	41.5	62.3



#24

Nitrobenzene

Concen: 43.499 ng

RT: 7.487 min Scan# 918

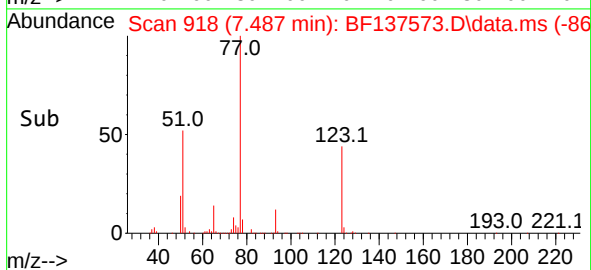
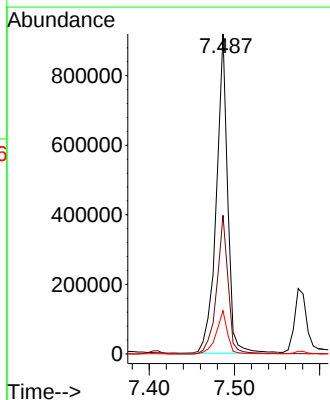
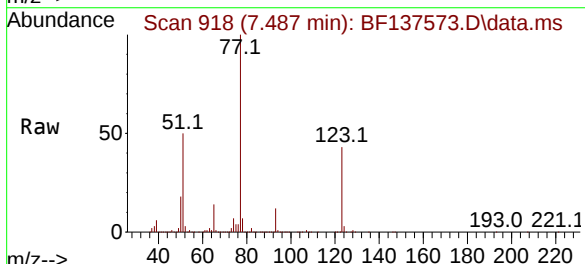
Delta R.T. 0.000 min

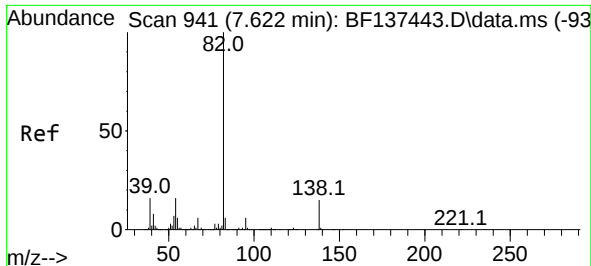
Lab File: BF137573.D

Acq: 13 Mar 2024 10:28

Tgt Ion: 77 Resp: 846587

Ion	Ratio	Lower	Upper
77	100		
123	43.4	33.0	49.6
65	13.5	10.9	16.3

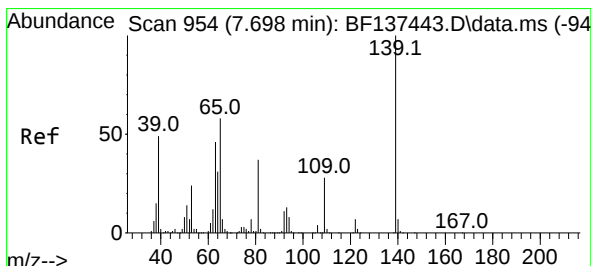
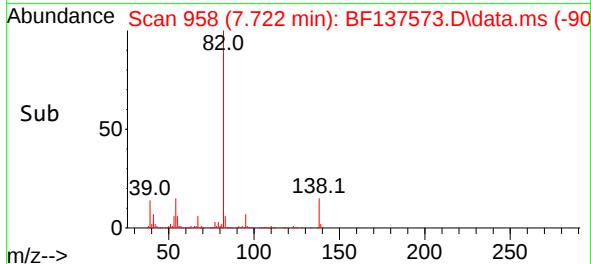
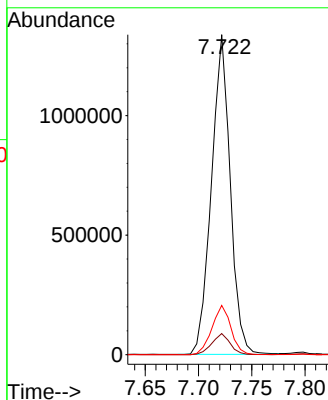
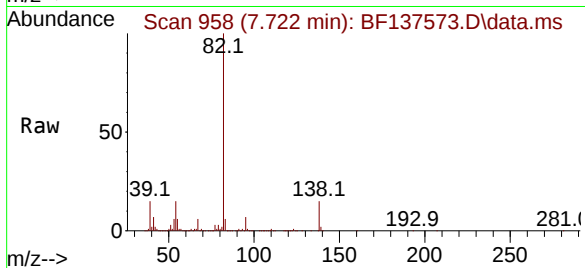




#25
Isophorone
Concen: 44.727 ng
RT: 7.722 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

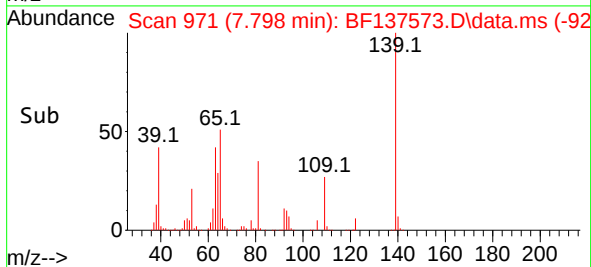
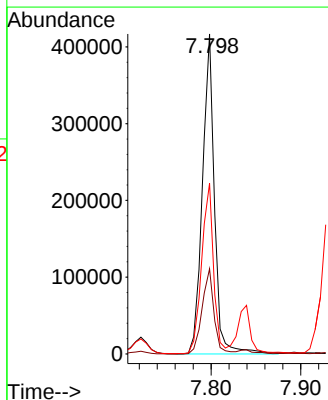
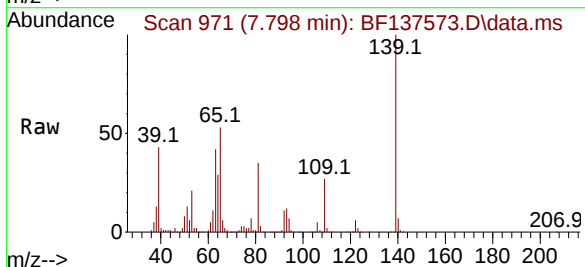
Instrument :
BNA_F
ClientSampleId :
PB159549BS

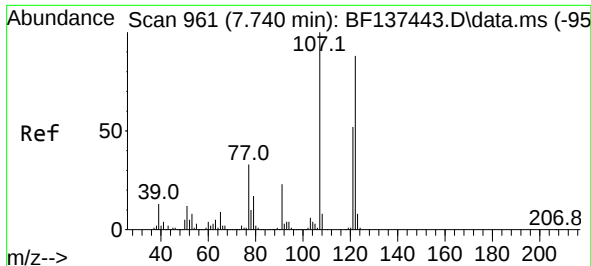
Tgt Ion: 82 Resp: 1646274
Ion Ratio Lower Upper
82 100
95 6.6 5.1 7.7
138 15.4 11.8 17.8



#26
2-Nitrophenol
Concen: 50.403 ng
RT: 7.798 min Scan# 971
Delta R.T. 0.000 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

Tgt Ion:139 Resp: 389454
Ion Ratio Lower Upper
139 100
109 26.6 22.2 33.4
65 53.4 46.2 69.2

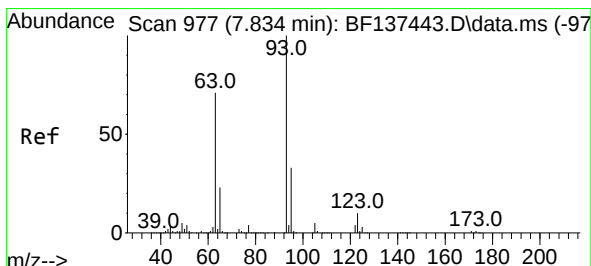
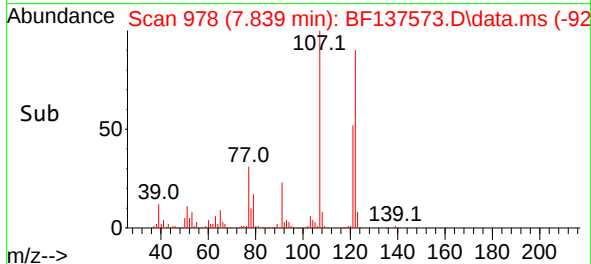
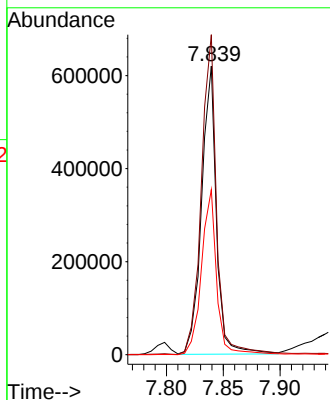
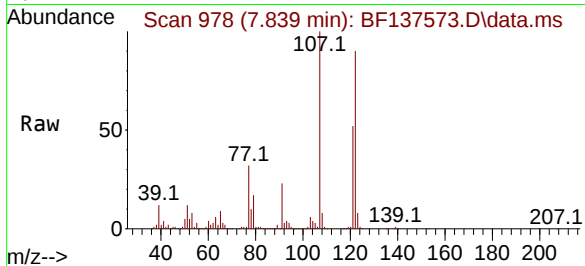




#27
2,4-Dimethylphenol
Concen: 39.101 ng
RT: 7.839 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

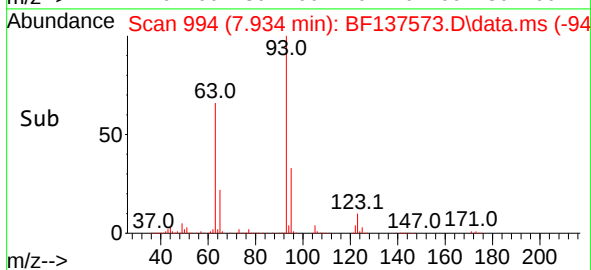
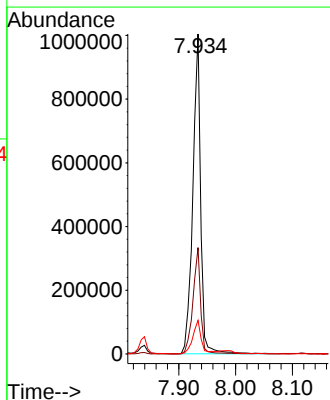
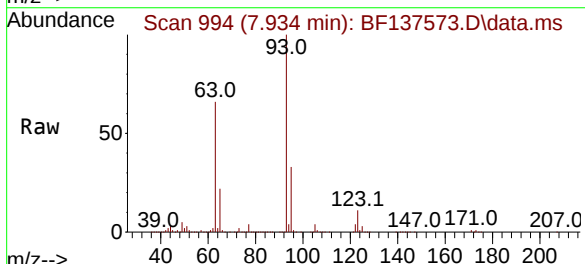
Instrument :
BNA_F
ClientSampleId :
PB159549BS

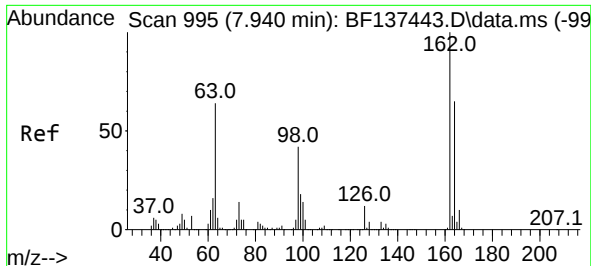
Tgt Ion:122 Resp: 564534
Ion Ratio Lower Upper
122 100
107 110.9 90.9 136.3
121 57.2 47.0 70.6



#28
bis(2-Chloroethoxy)methane
Concen: 45.017 ng
RT: 7.934 min Scan# 994
Delta R.T. -0.000 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

Tgt Ion: 93 Resp: 972194
Ion Ratio Lower Upper
93 100
95 33.3 26.5 39.7
123 10.5 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 47.173 ng

RT: 8.039 min Scan# 1012

Delta R.T. 0.000 min

Lab File: BF137573.D

Acq: 13 Mar 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB159549BS

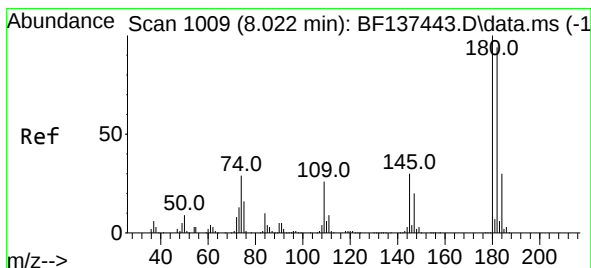
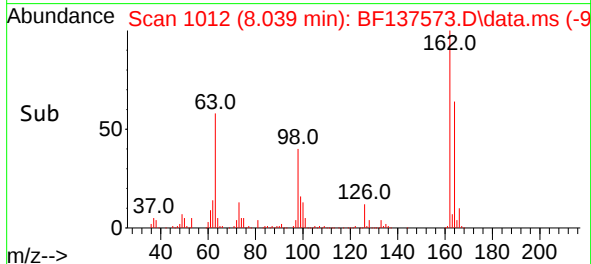
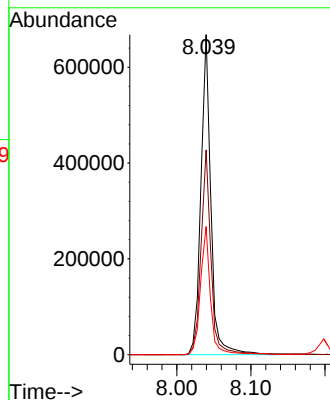
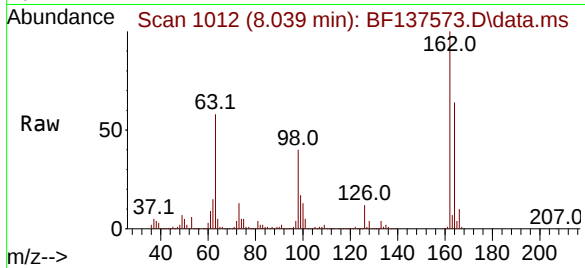
Tgt Ion:162 Resp: 625074

Ion Ratio Lower Upper

162 100

164 64.0 44.7 84.7

98 40.0 22.0 62.0



#30

1,2,4-Trichlorobenzene

Concen: 46.123 ng

RT: 8.116 min Scan# 1025

Delta R.T. 0.000 min

Lab File: BF137573.D

Acq: 13 Mar 2024 10:28

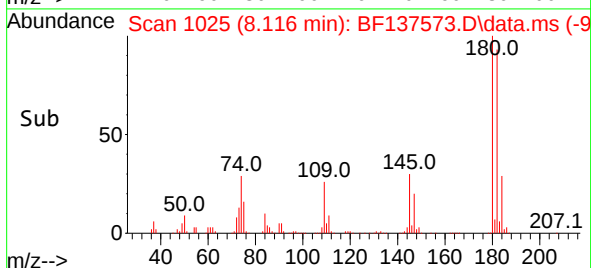
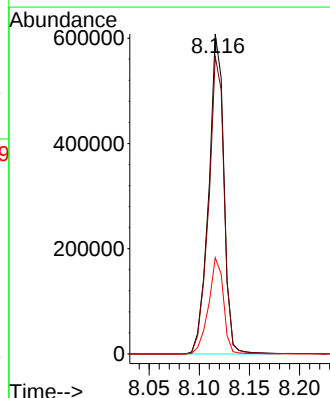
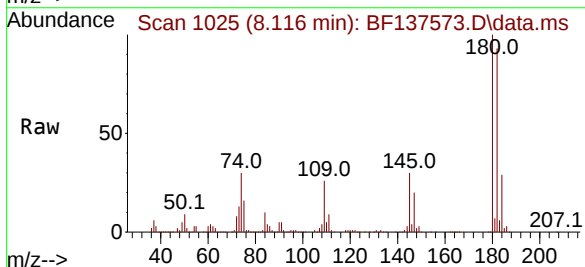
Tgt Ion:180 Resp: 643157

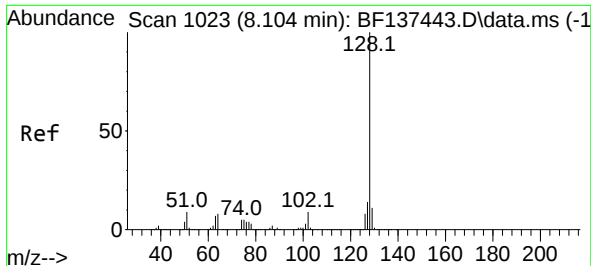
Ion Ratio Lower Upper

180 100

182 93.0 75.0 112.6

145 30.0 23.7 35.5

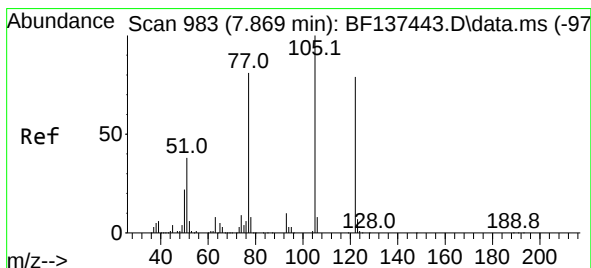
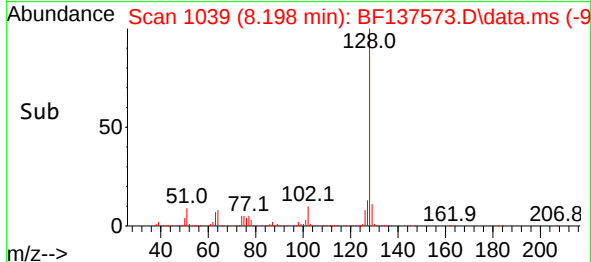
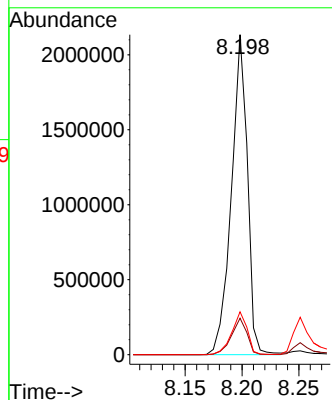
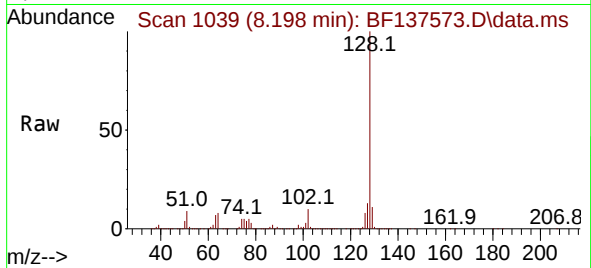




#31
Naphthalene
Concen: 43.188 ng
RT: 8.198 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

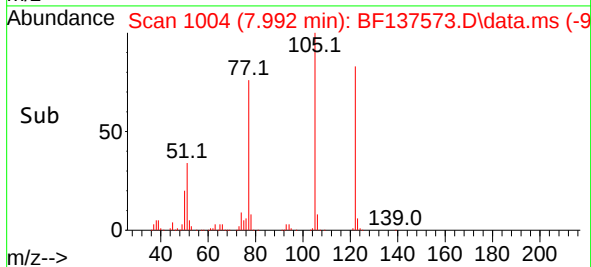
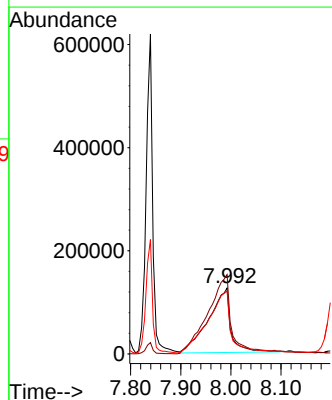
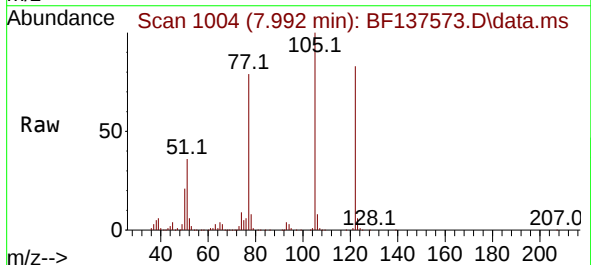
Instrument :
BNA_F
ClientSampleId :
PB159549BS

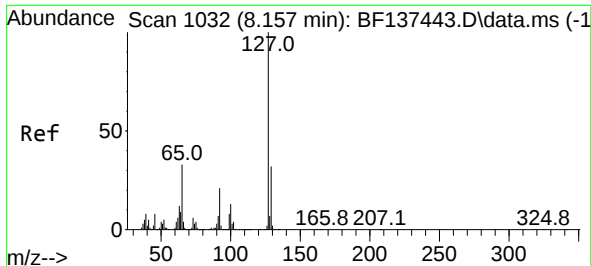
Tgt Ion:128 Resp: 2085963
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 47.102 ng
RT: 7.992 min Scan# 1004
Delta R.T. 0.012 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

Tgt Ion:122 Resp: 390502
Ion Ratio Lower Upper
122 100
105 120.3 102.4 142.4
77 95.5 81.1 121.1

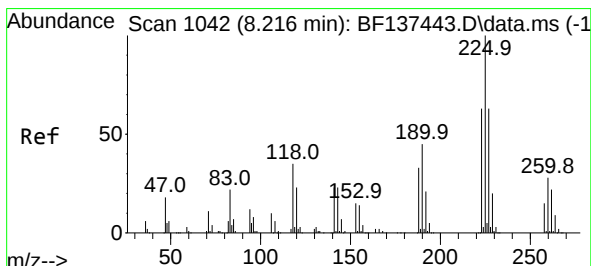
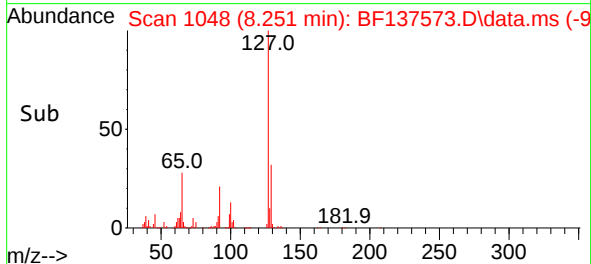
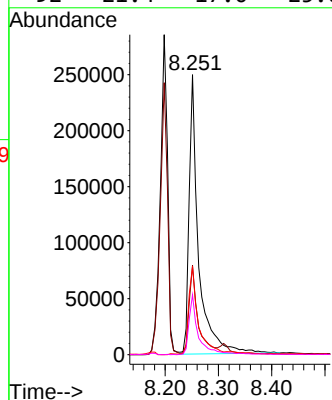
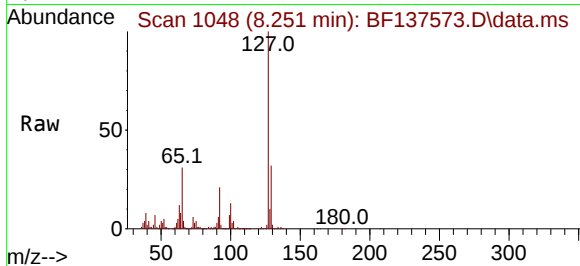




#33
4-Chloroaniline
Concen: 16.326 ng
RT: 8.251 min Scan# 1048
Delta R.T. 0.000 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

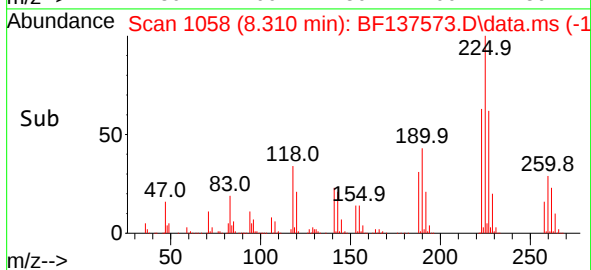
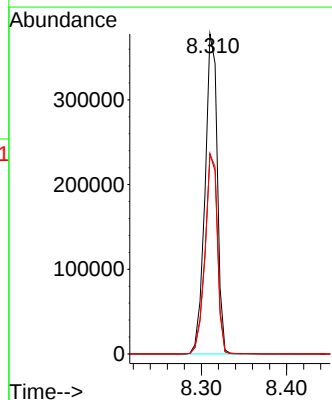
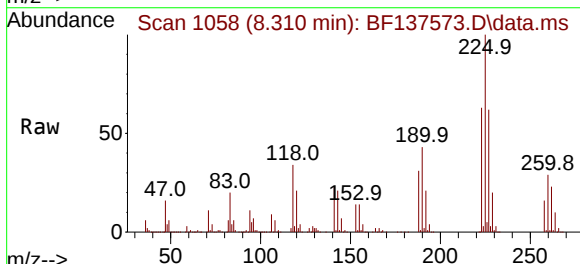
Instrument :
BNA_F
ClientSampleId :
PB159549BS

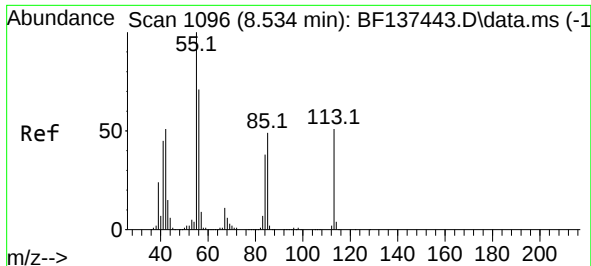
Tgt	Ion:127	Resp:	309203
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.0	39.0
65	31.5	26.8	40.2
92	21.4	17.0	25.6



#34
Hexachlorobutadiene
Concen: 45.883 ng
RT: 8.310 min Scan# 1058
Delta R.T. 0.000 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

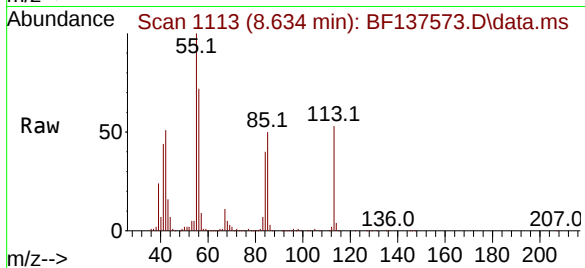
Tgt Ion:225	Resp: 377721
Ion Ratio	Lower Upper
225 100	
223 62.5	50.7 76.1
227 62.4	50.6 75.8



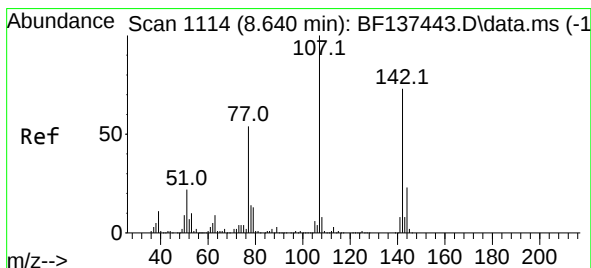
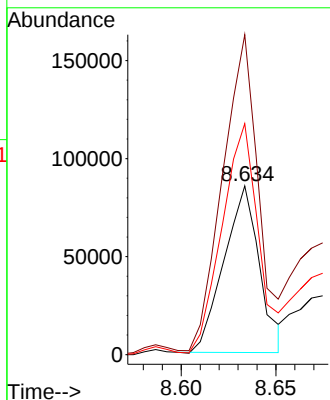
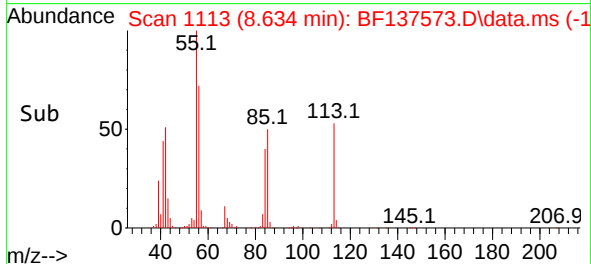


#35
Caprolactam
Concen: 24.601 ng
RT: 8.634 min Scan# 1113
Delta R.T. -0.006 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

Instrument :
BNA_F
ClientSampleId :
PB159549BS

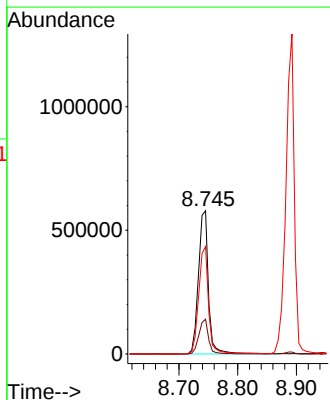
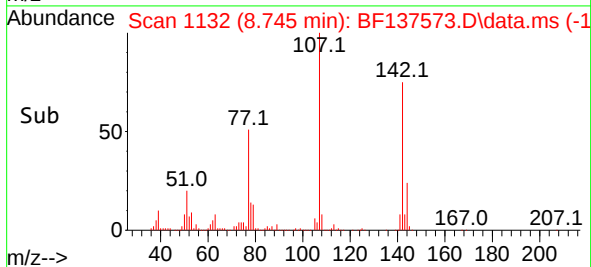
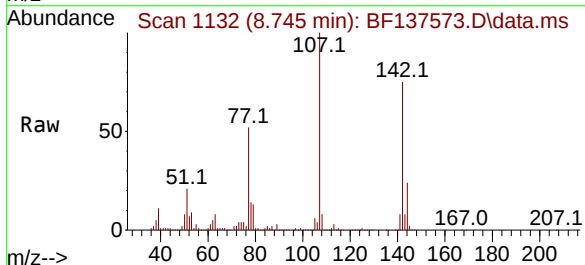


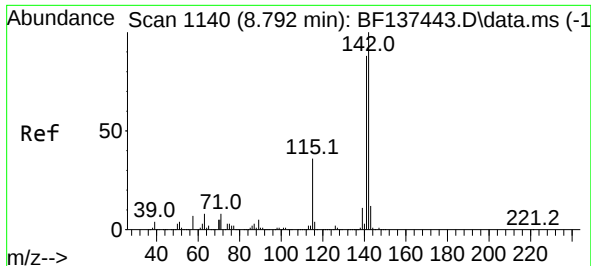
Tgt Ion:113 Resp: 110536
Ion Ratio Lower Upper
113 100
55 189.5 176.7 216.7
56 136.9 120.6 160.6



#36
4-Chloro-3-methylphenol
Concen: 46.121 ng
RT: 8.745 min Scan# 1132
Delta R.T. 0.006 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

Tgt Ion:107 Resp: 683115
Ion Ratio Lower Upper
107 100
144 24.3 18.7 28.1
142 74.9 58.2 87.2

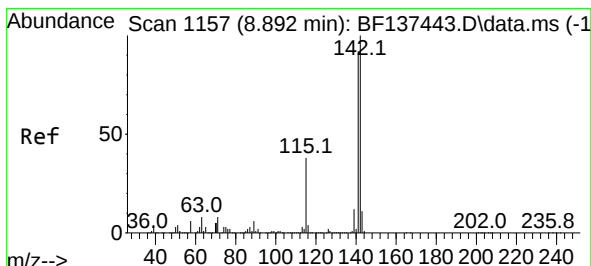
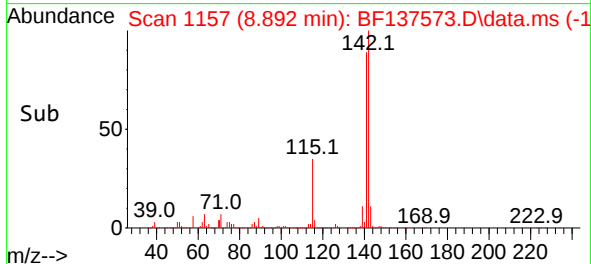
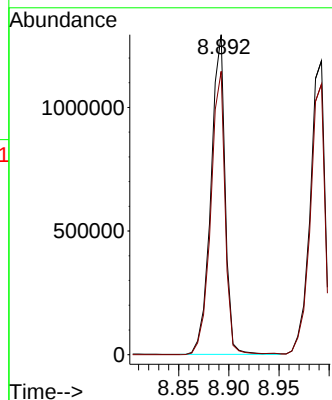
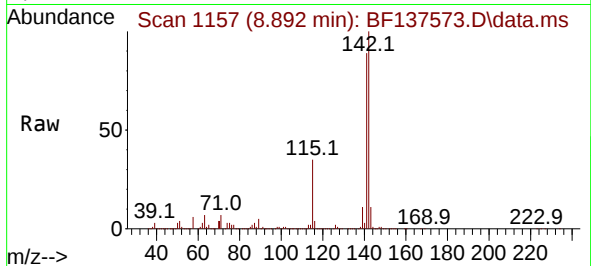




#37
2-Methylnaphthalene
Concen: 41.748 ng
RT: 8.892 min Scan# 1117
Delta R.T. 0.000 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

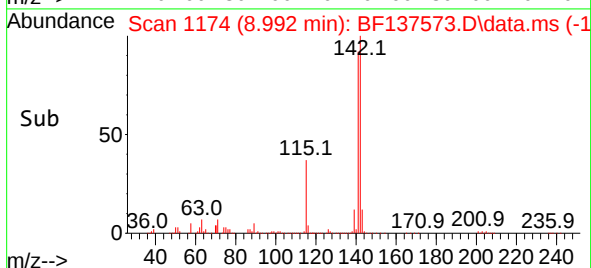
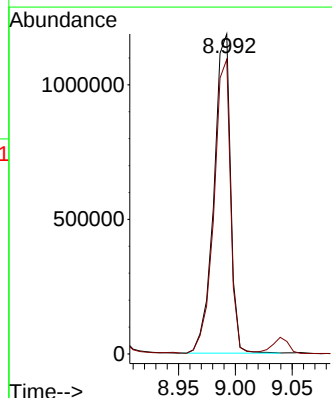
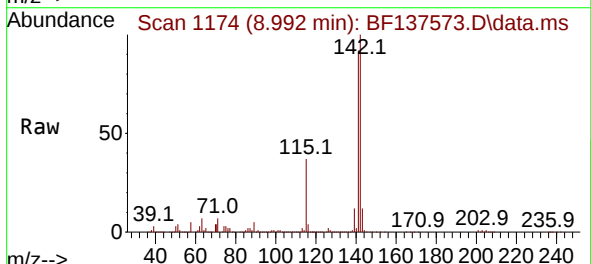
Instrument :
BNA_F
ClientSampleId :
PB159549BS

Tgt Ion:142 Resp: 1285428
Ion Ratio Lower Upper
142 100
141 88.6 70.4 105.6



#38
1-Methylnaphthalene
Concen: 41.765 ng
RT: 8.992 min Scan# 1174
Delta R.T. 0.006 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

Tgt Ion:142 Resp: 1211039
Ion Ratio Lower Upper
142 100
141 92.0 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1185

Delta R.T. 0.000 min

Lab File: BF137573.D

Acq: 13 Mar 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB159549BS

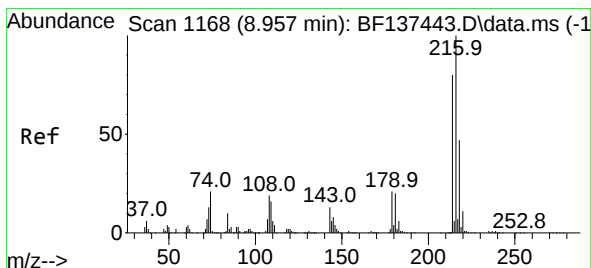
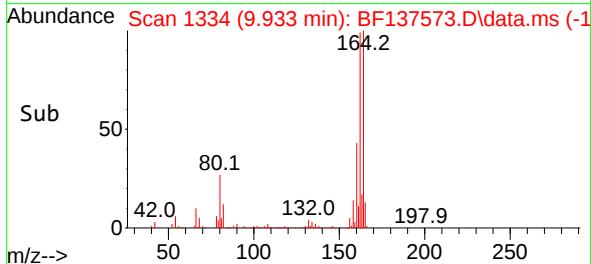
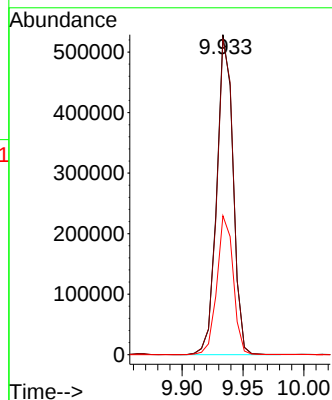
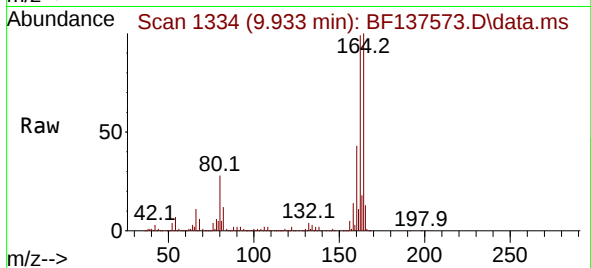
Tgt Ion:164 Resp: 492149

Ion Ratio Lower Upper

164 100

162 98.6 79.8 119.8

160 43.4 34.4 51.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.212 ng

RT: 9.057 min Scan# 1185

Delta R.T. 0.000 min

Lab File: BF137573.D

Acq: 13 Mar 2024 10:28

Tgt Ion:216 Resp: 634938

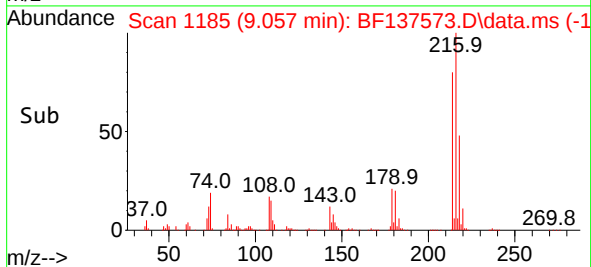
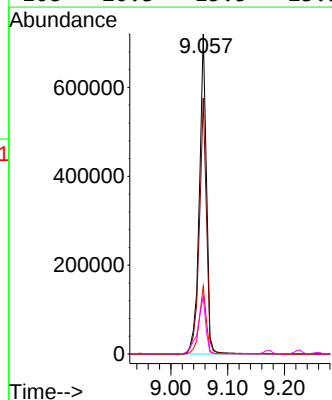
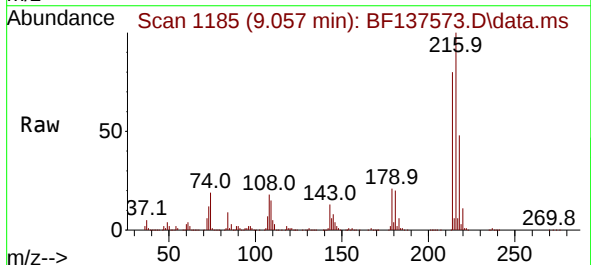
Ion Ratio Lower Upper

216 100

214 79.9 63.5 95.3

179 20.7 16.6 25.0

108 20.3 15.5 23.3

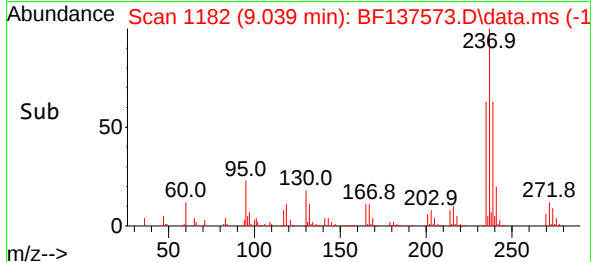
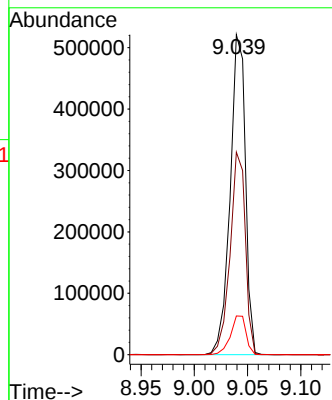
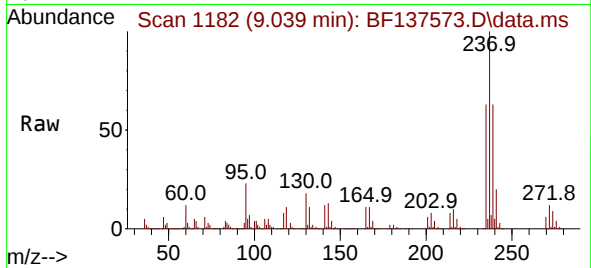




#41
Hexachlorocyclopentadiene
Concen: 91.389 ng
RT: 9.039 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

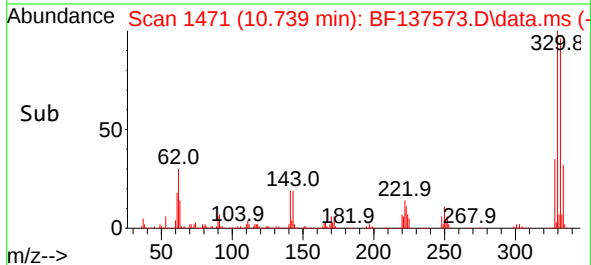
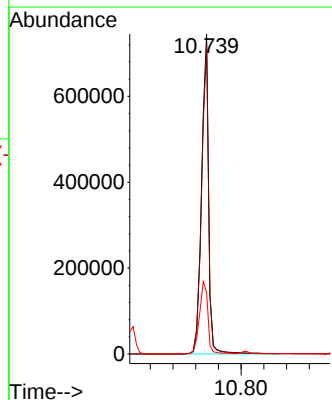
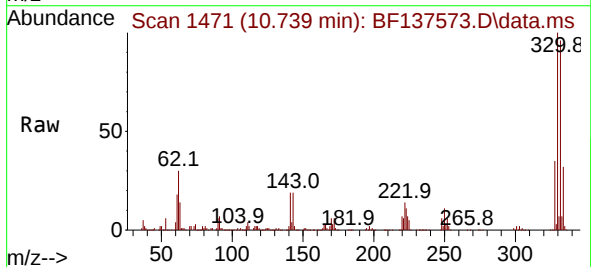
Instrument :
BNA_F
ClientSampleId :
PB159549BS

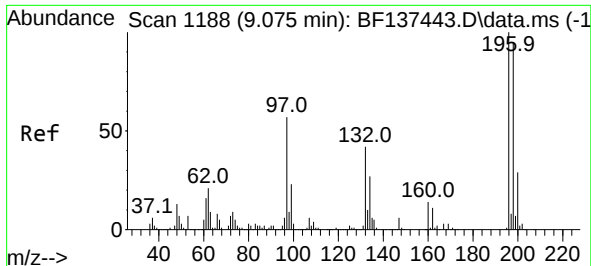
Tgt Ion:237 Resp: 519760
Ion Ratio Lower Upper
237 100
235 63.3 43.6 83.6
272 12.1 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 148.872 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.006 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

Tgt Ion:330 Resp: 643412
Ion Ratio Lower Upper
330 100
332 96.6 78.0 117.0
141 27.0 27.3 40.9#





#43

2,4,6-Trichlorophenol

Concen: 48.082 ng

RT: 9.175 min Scan# 1188

Delta R.T. 0.006 min

Lab File: BF137573.D

Acq: 13 Mar 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB159549BS

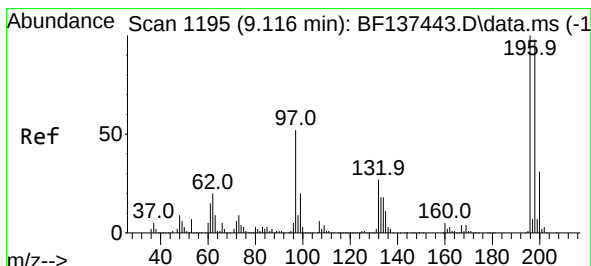
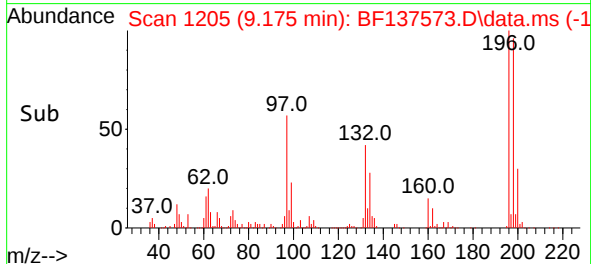
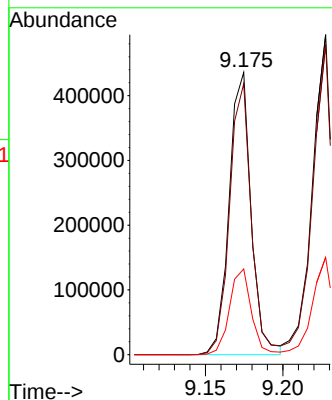
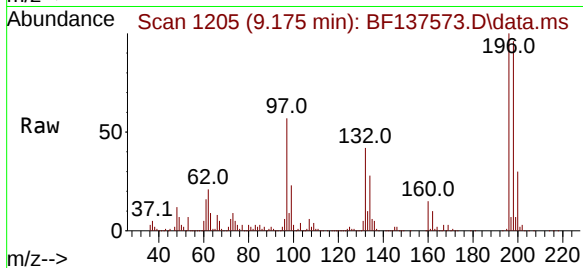
Tgt Ion:196 Resp: 430205

Ion Ratio Lower Upper

196 100

198 96.0 75.8 113.8

200 30.4 23.5 35.3



#44

2,4,5-Trichlorophenol

Concen: 44.631 ng

RT: 9.228 min Scan# 1214

Delta R.T. 0.018 min

Lab File: BF137573.D

Acq: 13 Mar 2024 10:28

Tgt Ion:196 Resp: 460006

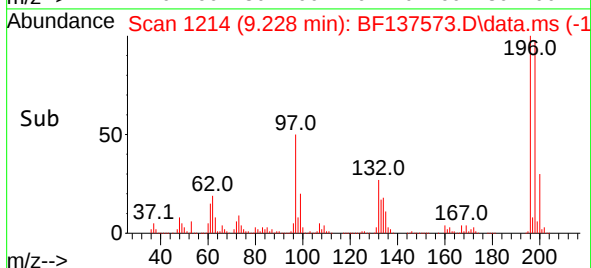
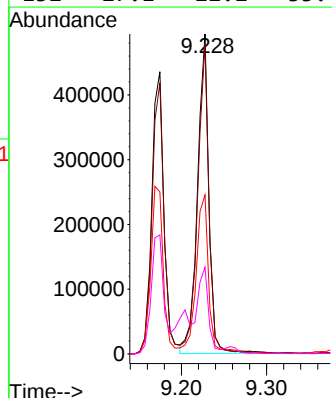
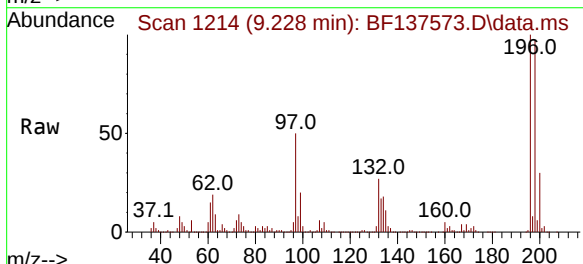
Ion Ratio Lower Upper

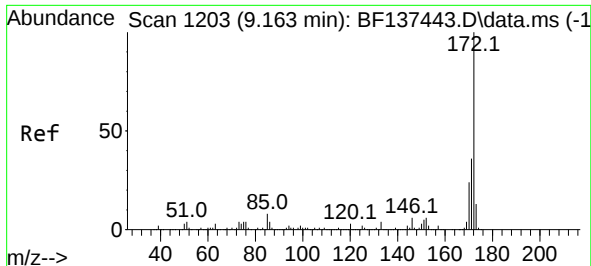
196 100

198 96.9 78.6 117.8

97 49.7 41.8 62.8

132 27.1 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 81.789 ng

RT: 9.257 min Scan# 1219

Delta R.T. 0.000 min

Lab File: BF137573.D

Acq: 13 Mar 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB159549BS

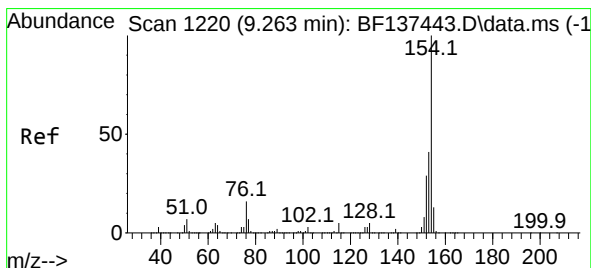
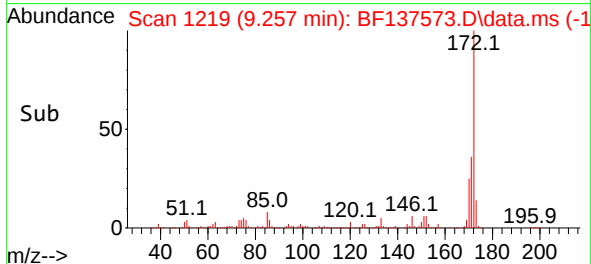
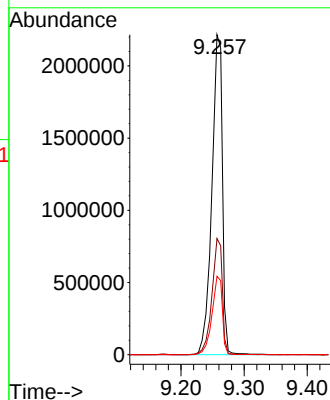
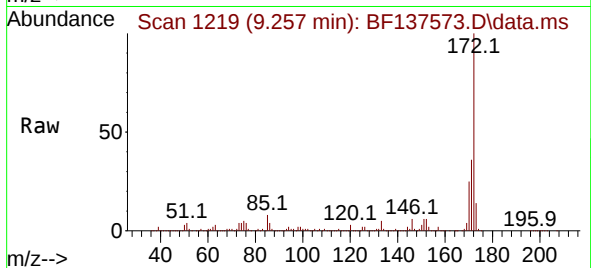
Tgt Ion:172 Resp: 2571427

Ion Ratio Lower Upper

172 100

171 36.3 28.5 42.7

170 24.5 19.0 28.6



#46

1,1'-Biphenyl

Concen: 43.970 ng

RT: 9.357 min Scan# 1236

Delta R.T. 0.000 min

Lab File: BF137573.D

Acq: 13 Mar 2024 10:28

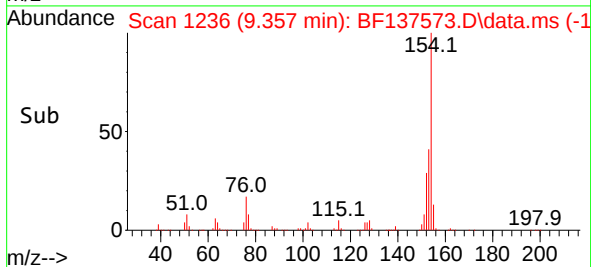
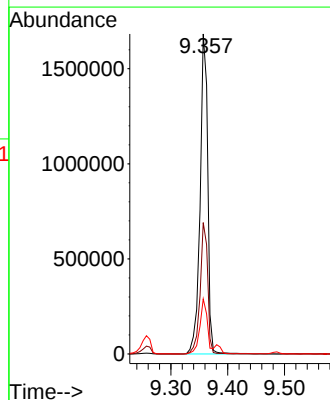
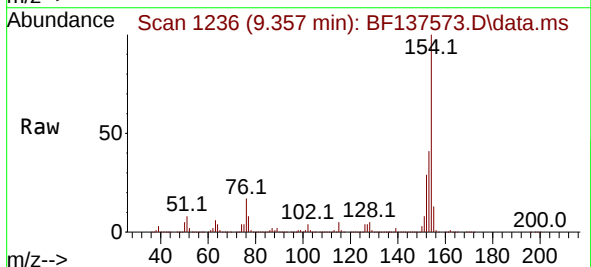
Tgt Ion:154 Resp: 1583841

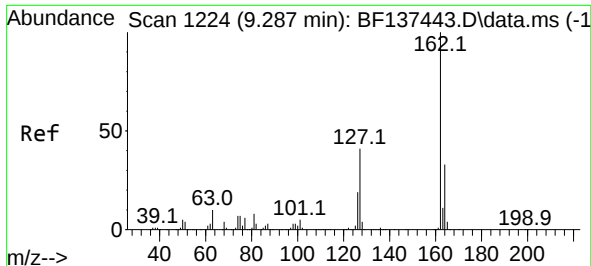
Ion Ratio Lower Upper

154 100

153 41.0 21.0 61.0

76 17.2 0.0 35.8

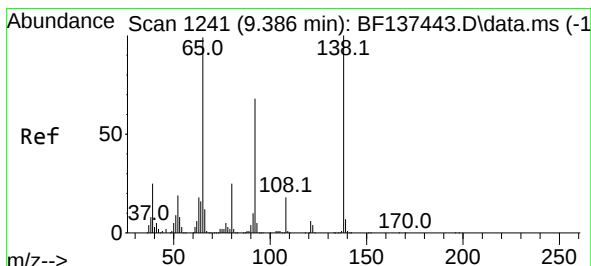
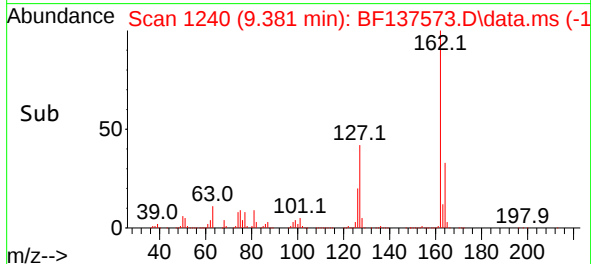
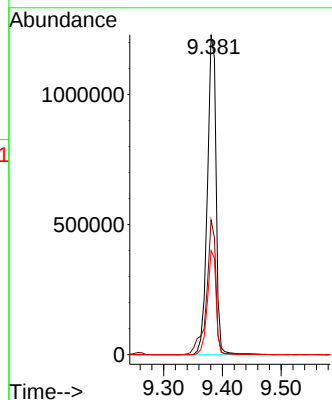
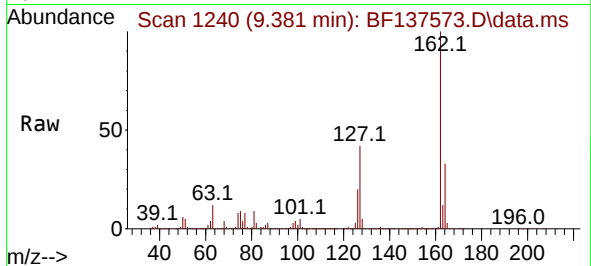




#47
2-Chloronaphthalene
Concen: 46.444 ng
RT: 9.381 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

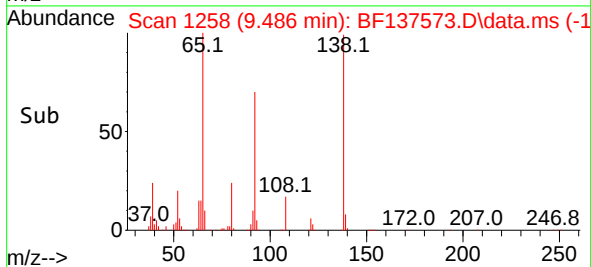
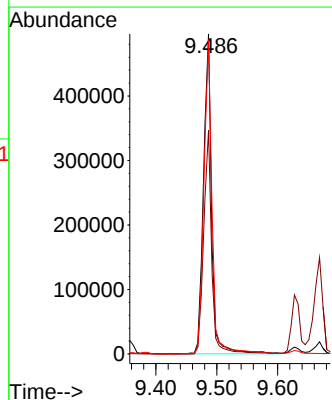
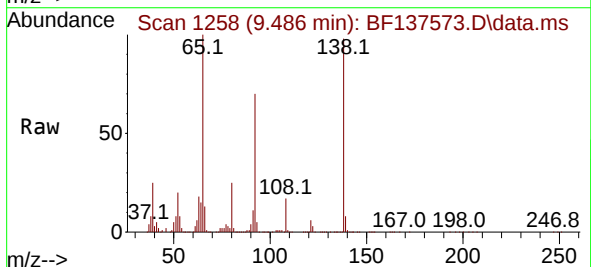
Instrument :
BNA_F
ClientSampleId :
PB159549BS

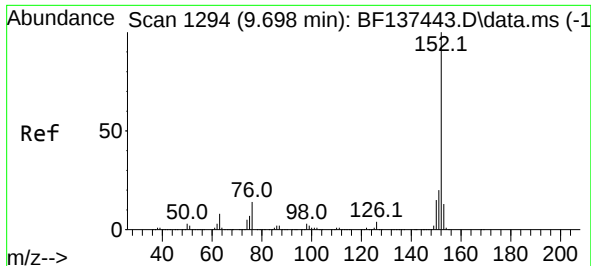
Tgt Ion:162 Resp: 1275501
Ion Ratio Lower Upper
162 100
127 42.1 32.6 49.0
164 32.5 26.5 39.7



#48
2-Nitroaniline
Concen: 49.098 ng
RT: 9.486 min Scan# 1258
Delta R.T. 0.006 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

Tgt Ion: 65 Resp: 458301
Ion Ratio Lower Upper
65 100
92 69.8 55.4 83.2
138 98.2 81.0 121.6





#49

Acenaphthylene

Concen: 44.867 ng

RT: 9.798 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137573.D

Acq: 13 Mar 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB159549BS

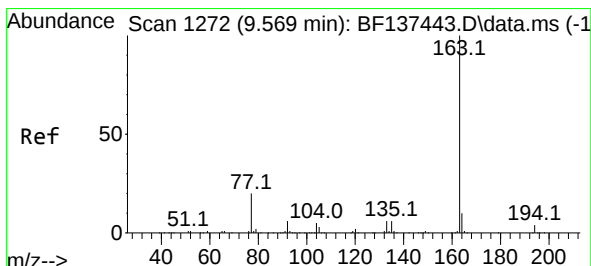
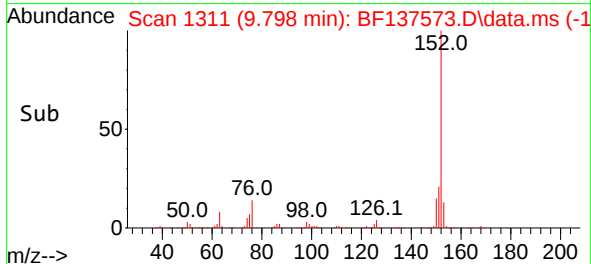
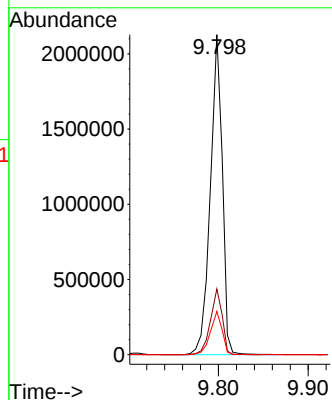
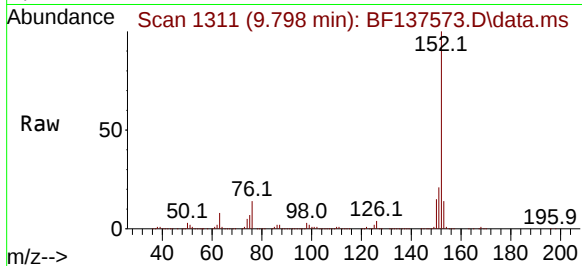
Tgt Ion:152 Resp: 1971924

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.4

153 13.5 10.8 16.2



#50

Dimethylphthalate

Concen: 45.965 ng

RT: 9.669 min Scan# 1289

Delta R.T. 0.000 min

Lab File: BF137573.D

Acq: 13 Mar 2024 10:28

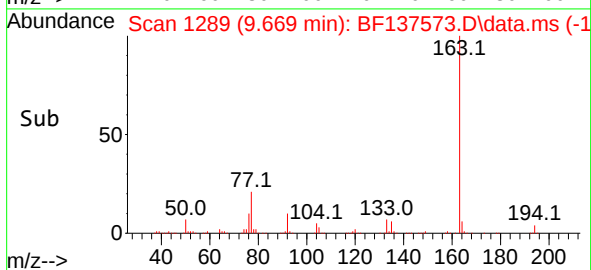
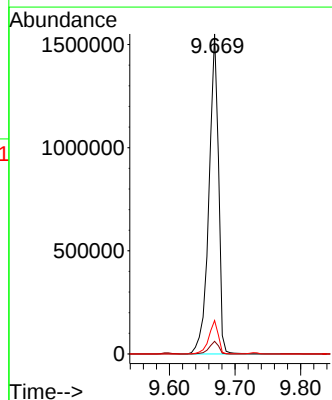
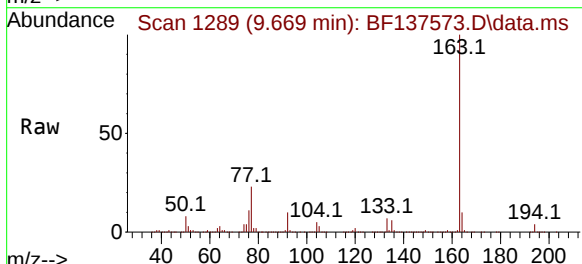
Tgt Ion:163 Resp: 1574726

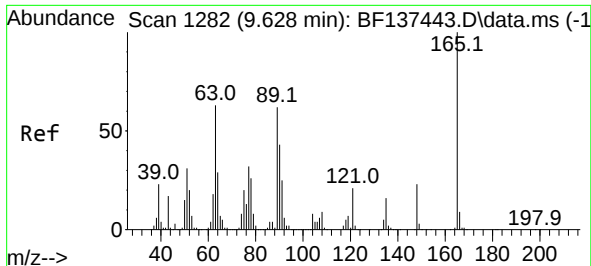
Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

164 10.5 8.1 12.1

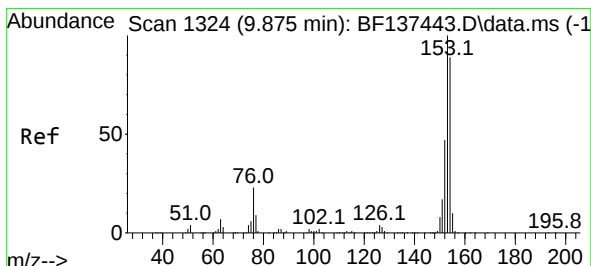
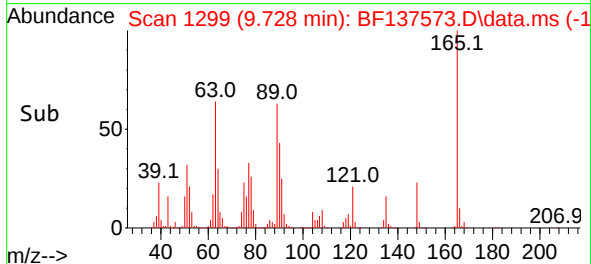
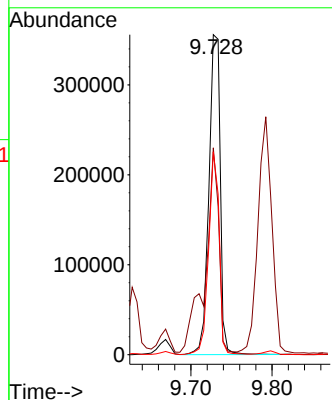
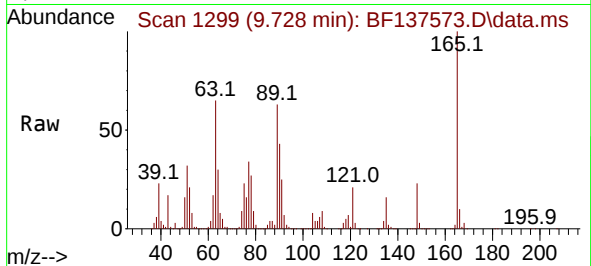




#51
2,6-Dinitrotoluene
Concen: 48.211 ng
RT: 9.728 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

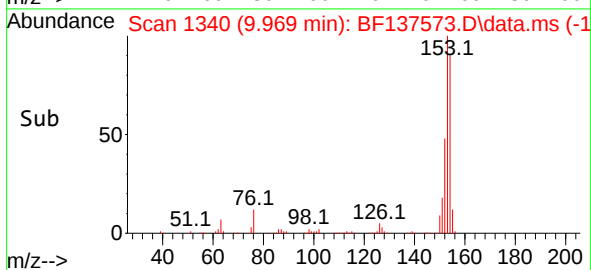
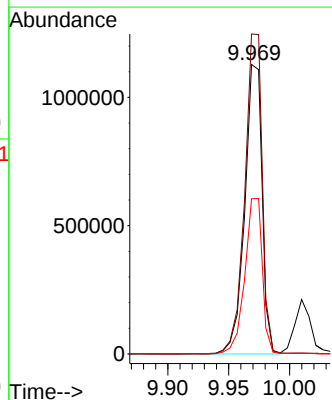
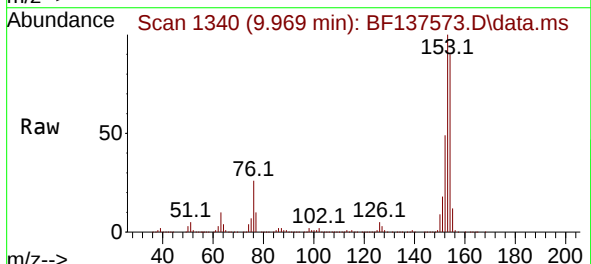
Instrument :
BNA_F
ClientSampleId :
PB159549BS

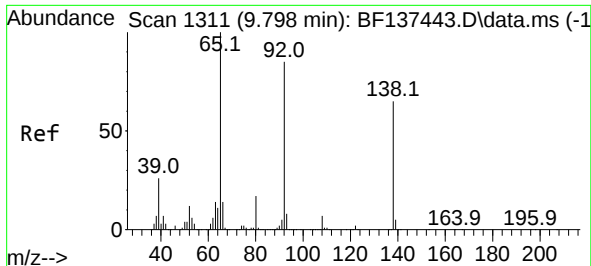
Tgt Ion:165 Resp: 345467
Ion Ratio Lower Upper
165 100
63 64.7 50.7 76.1
89 63.4 50.0 75.0



#52
Acenaphthene
Concen: 42.855 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.000 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

Tgt Ion:154 Resp: 1124465
Ion Ratio Lower Upper
154 100
153 110.5 90.3 135.5
152 53.6 42.7 64.1

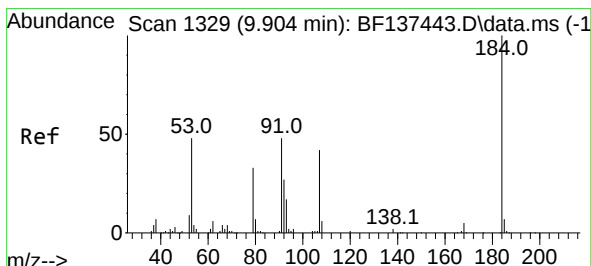
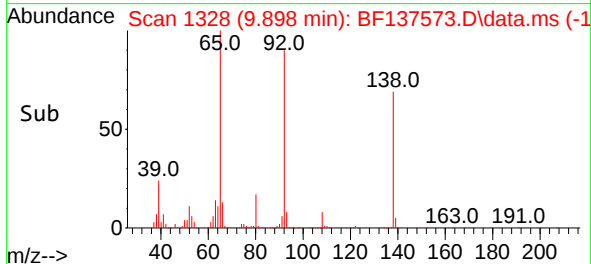
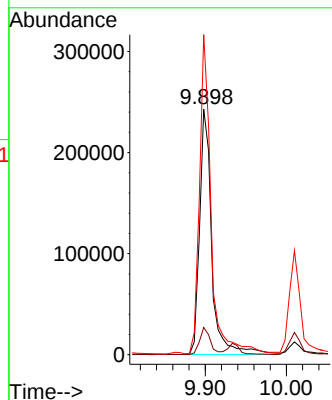
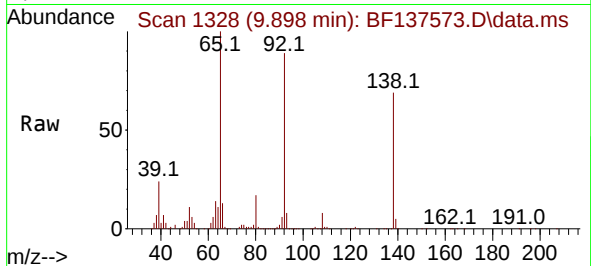




#53
3-Nitroaniline
Concen: 33.472 ng
RT: 9.898 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

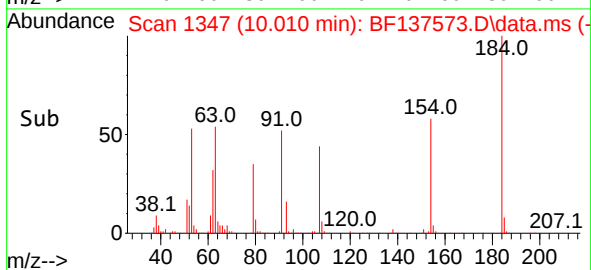
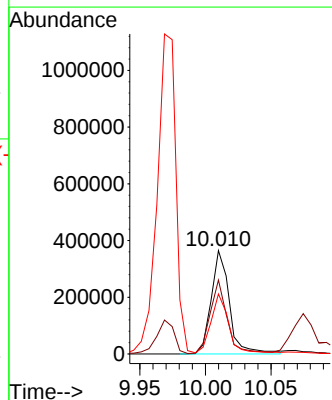
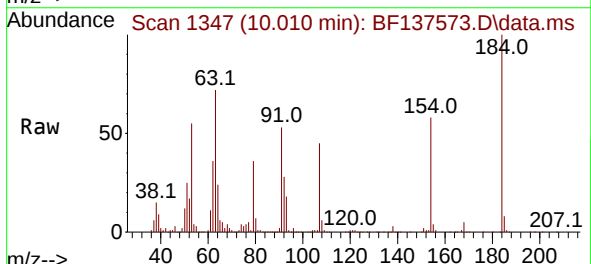
Instrument :
BNA_F
ClientSampleId :
PB159549BS

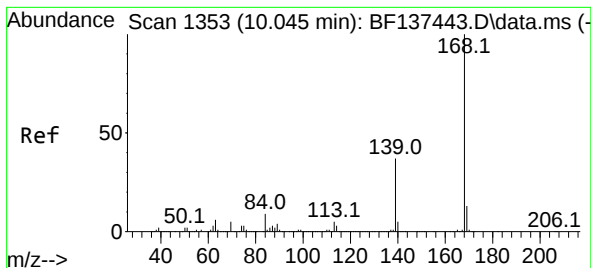
Tgt Ion:138 Resp: 253699
Ion Ratio Lower Upper
138 100
108 11.1 9.1 13.7
92 130.4 104.6 157.0



#54
2,4-Dinitrophenol
Concen: 99.137 ng
RT: 10.010 min Scan# 1347
Delta R.T. 0.006 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

Tgt Ion:184 Resp: 354151
Ion Ratio Lower Upper
184 100
63 71.6 53.3 79.9
154 58.1 47.4 71.0





#55

Dibenzenofuran

Concen: 41.913 ng

RT: 10.145 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF137573.D

Acq: 13 Mar 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB159549BS

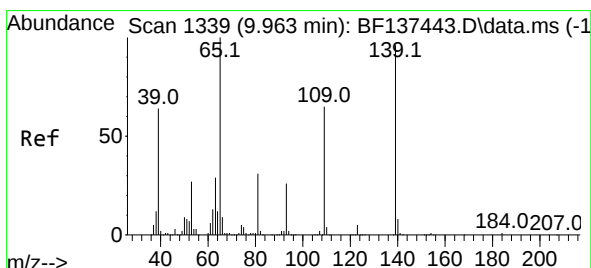
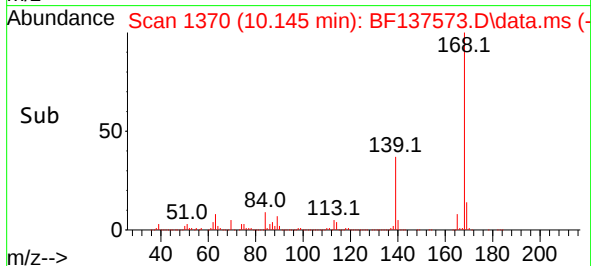
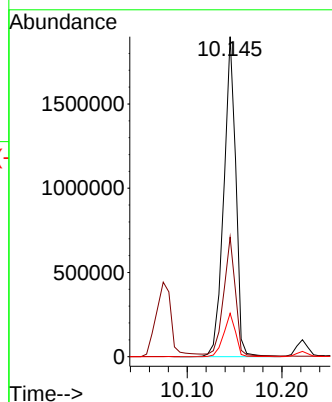
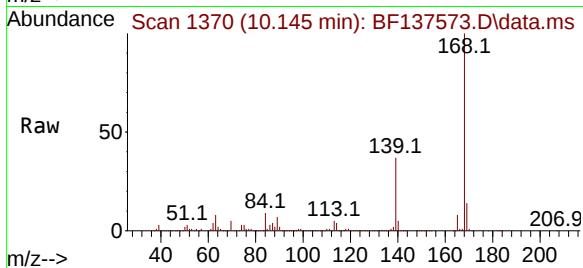
Tgt Ion:168 Resp: 1674984

Ion Ratio Lower Upper

168 100

139 37.4 29.8 44.6

169 13.5 10.8 16.2



#56

4-Nitrophenol

Concen: 92.349 ng

RT: 10.075 min Scan# 1358

Delta R.T. 0.012 min

Lab File: BF137573.D

Acq: 13 Mar 2024 10:28

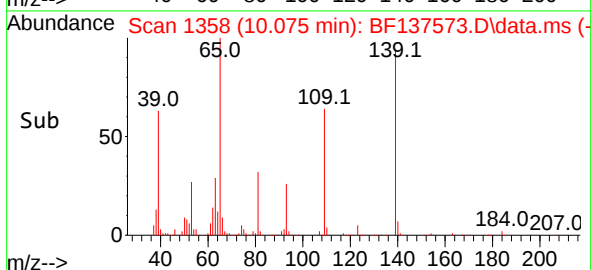
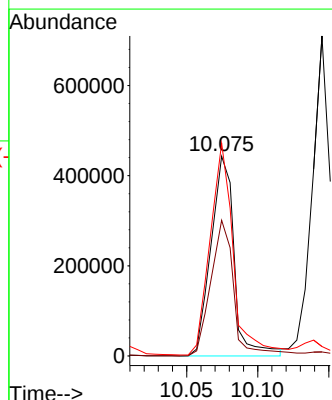
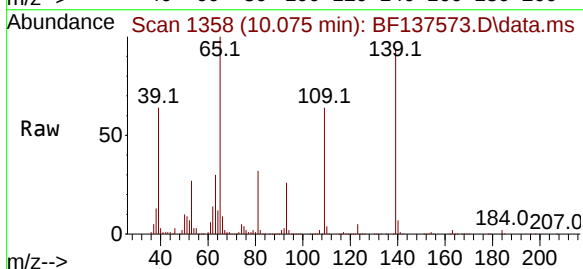
Tgt Ion:139 Resp: 501978

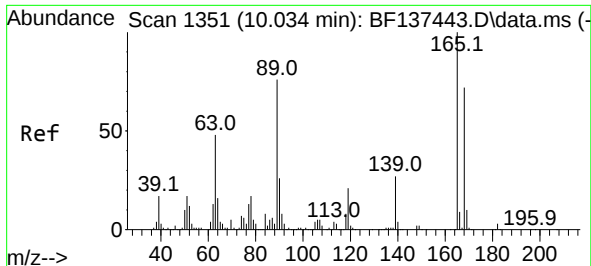
Ion Ratio Lower Upper

139 100

109 67.9 47.1 87.1

65 106.5 85.1 125.1

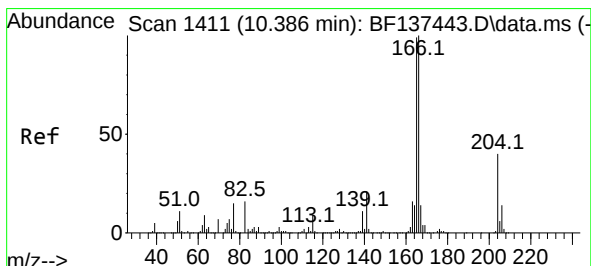
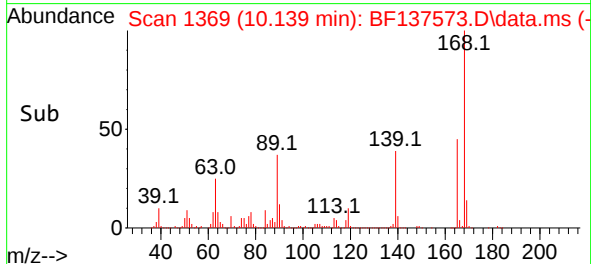
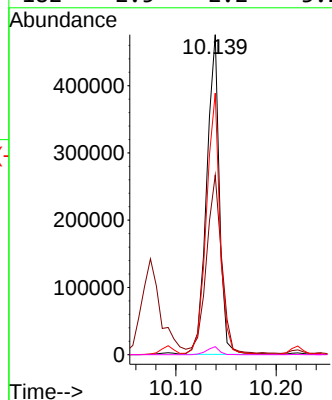
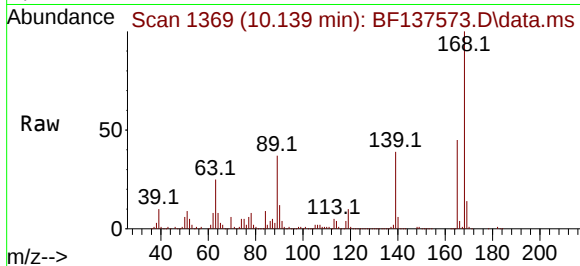




#57
2,4-Dinitrotoluene
Concen: 47.883 ng
RT: 10.139 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

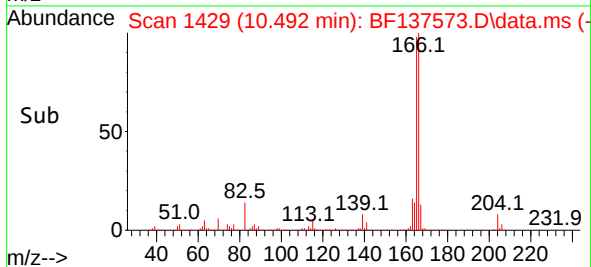
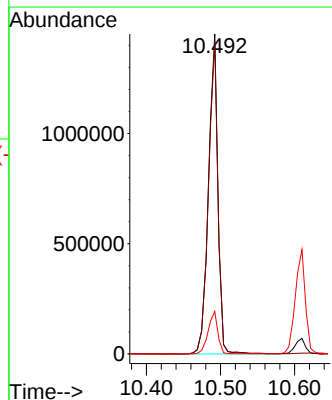
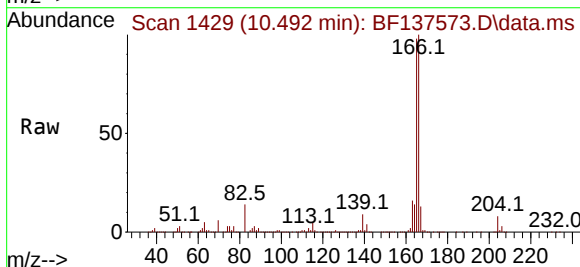
Instrument :
BNA_F
ClientSampleId :
PB159549BS

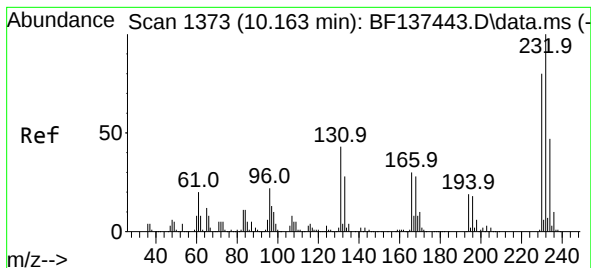
Tgt Ion:165 Resp: 421545
Ion Ratio Lower Upper
165 100
63 56.1 39.0 58.6
89 81.7 60.9 91.3
182 2.5 2.2 3.2



#58
Fluorene
Concen: 42.001 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

Tgt Ion:166 Resp: 1289067
Ion Ratio Lower Upper
166 100
165 97.7 79.2 118.8
167 13.2 11.0 16.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 46.137 ng

RT: 10.222 min Scan# 11

Delta R.T. -0.041 min

Lab File: BF137573.D

Acq: 13 Mar 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB159549BS

Tgt Ion:232 Resp: 381330

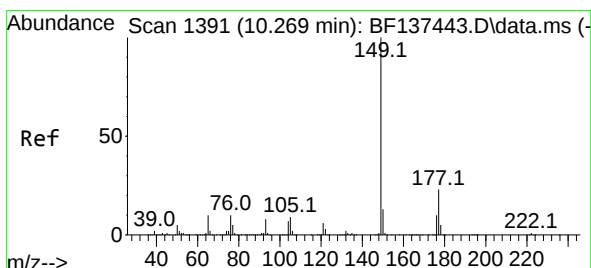
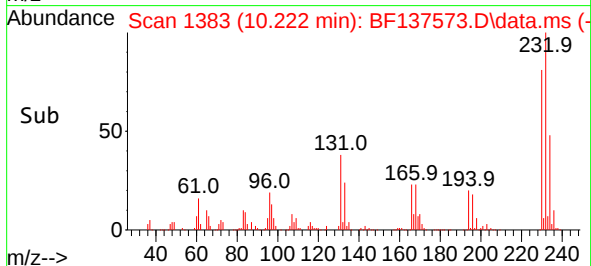
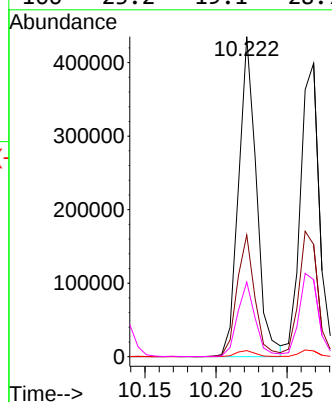
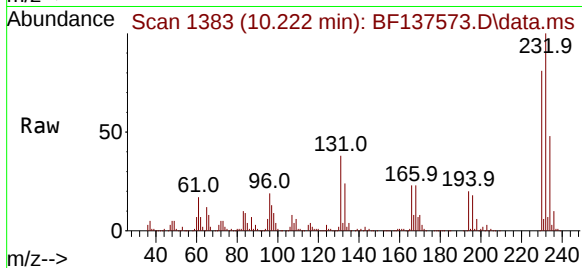
Ion Ratio Lower Upper

232 100

131 38.1 31.2 46.8

130 2.1 1.8 2.6

166 23.2 19.1 28.7



#60

Diethylphthalate

Concen: 45.325 ng

RT: 10.375 min Scan# 1409

Delta R.T. 0.006 min

Lab File: BF137573.D

Acq: 13 Mar 2024 10:28

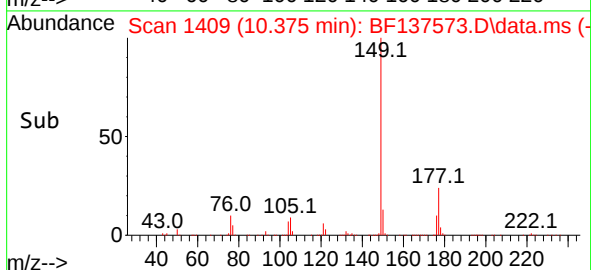
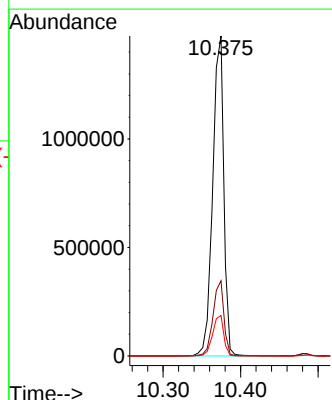
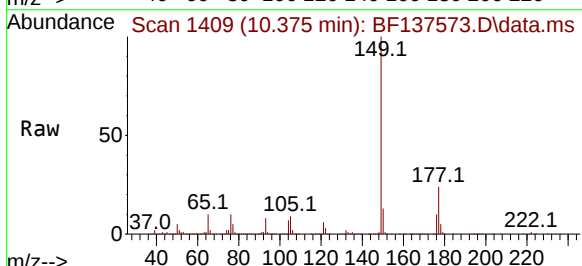
Tgt Ion:149 Resp: 1466342

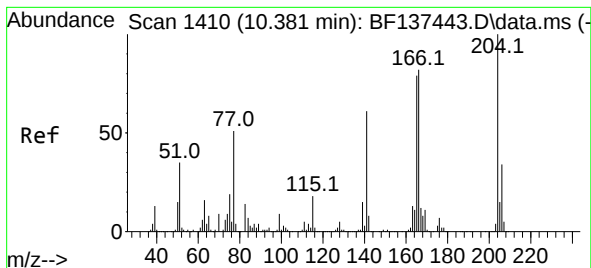
Ion Ratio Lower Upper

149 100

177 23.5 18.7 28.1

150 12.7 10.2 15.4

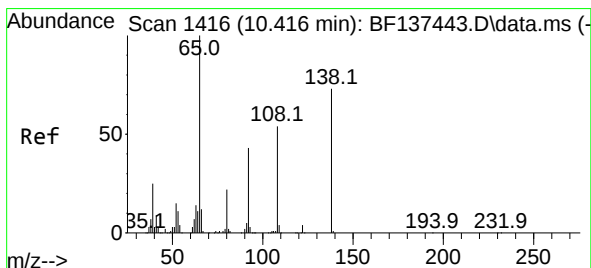
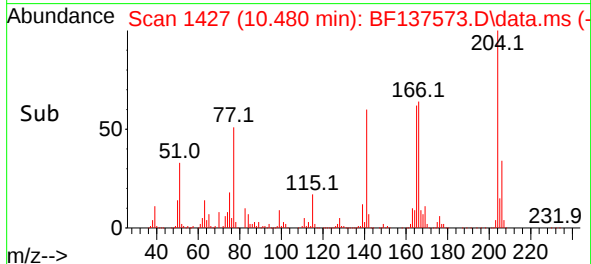
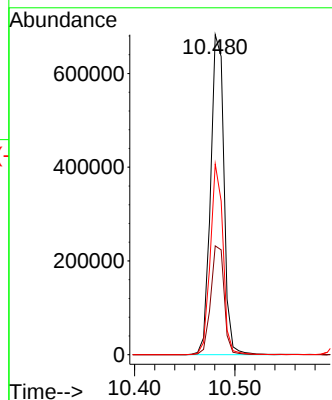
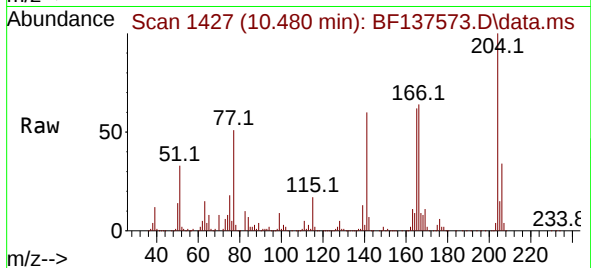




#61
4-Chlorophenyl-phenylether
Concen: 42.189 ng
RT: 10.480 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

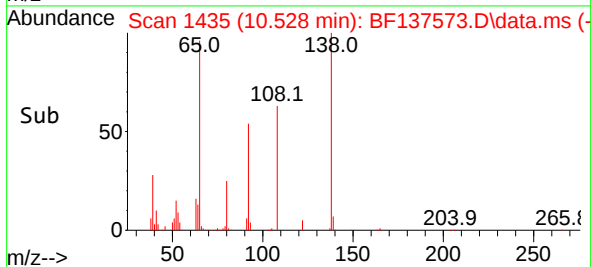
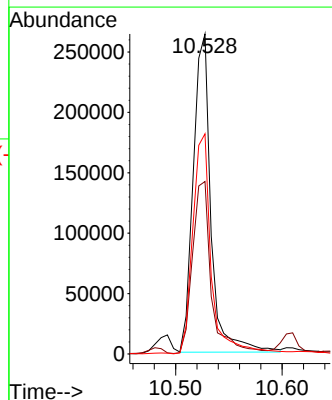
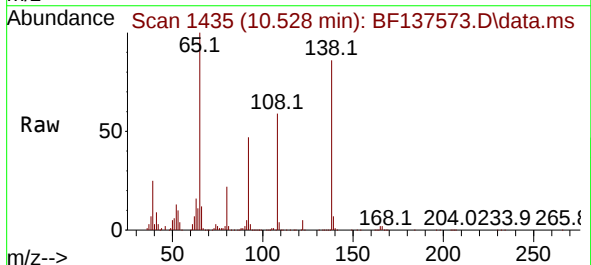
Instrument :
BNA_F
ClientSampleId :
PB159549BS

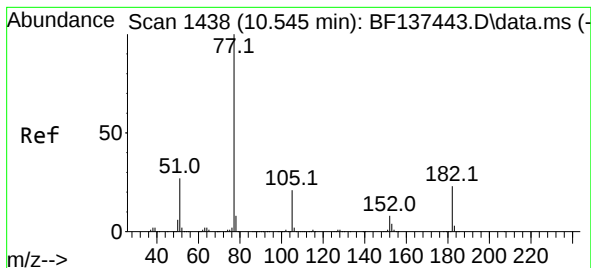
Tgt Ion:204 Resp: 634592
Ion Ratio Lower Upper
204 100
206 34.0 27.4 41.0
141 59.6 48.4 72.6



#62
4-Nitroaniline
Concen: 46.769 ng
RT: 10.528 min Scan# 1435
Delta R.T. 0.006 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

Tgt Ion:138 Resp: 304673
Ion Ratio Lower Upper
138 100
92 53.9 37.9 77.9
108 68.8 53.2 93.2





#63

Azobenzene

Concen: 43.156 ng

RT: 10.645 min Scan# 1438

Delta R.T. 0.000 min

Lab File: BF137573.D

Acq: 13 Mar 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB159549BS

Tgt Ion: 77 Resp: 1607689

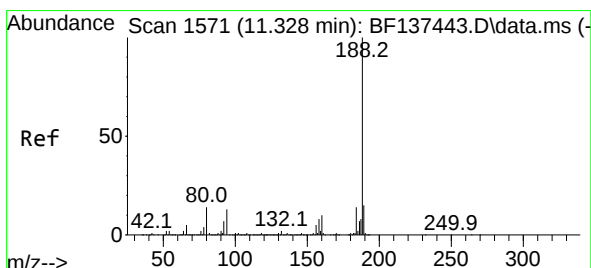
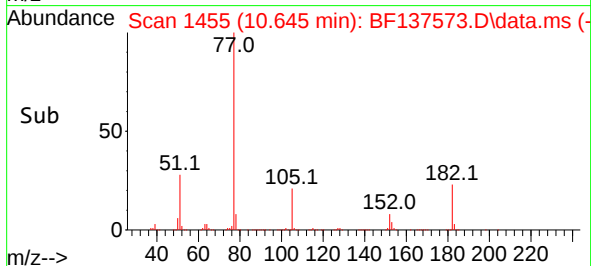
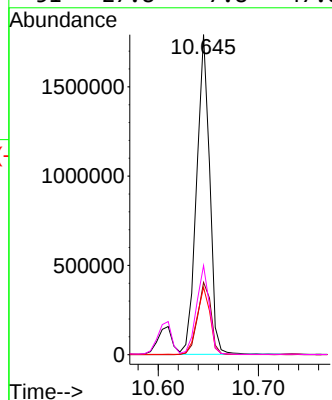
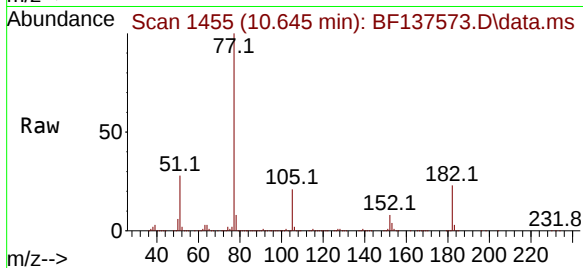
Ion Ratio Lower Upper

77 100

182 22.6 3.2 43.2

105 21.0 1.2 41.2

51 27.8 7.8 47.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.433 min Scan# 1589

Delta R.T. 0.000 min

Lab File: BF137573.D

Acq: 13 Mar 2024 10:28

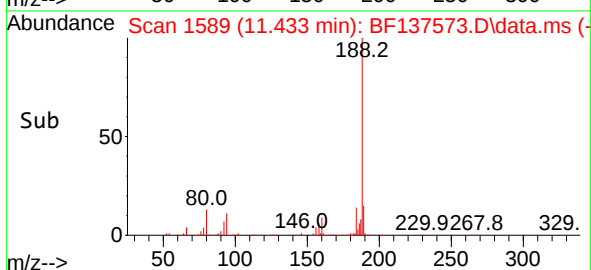
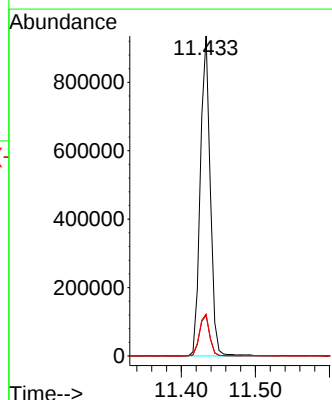
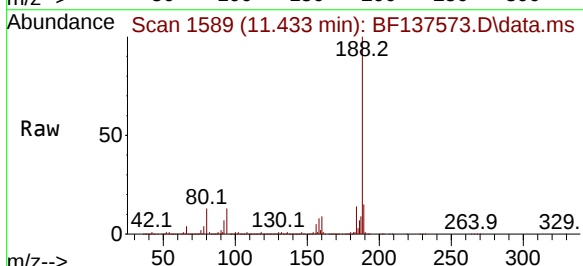
Tgt Ion:188 Resp: 872067

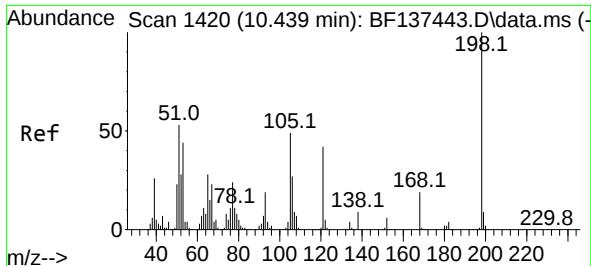
Ion Ratio Lower Upper

188 100

94 12.6 10.6 15.8

80 13.1 11.5 17.3

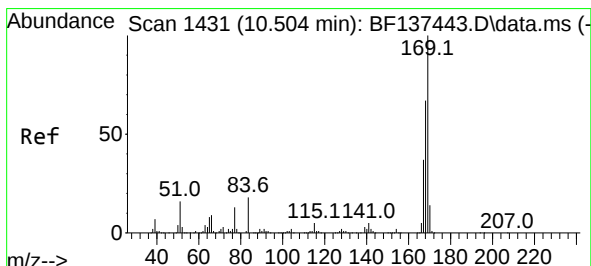
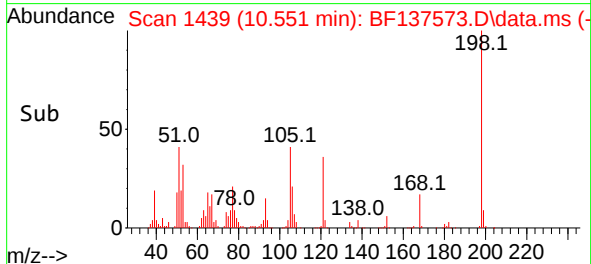
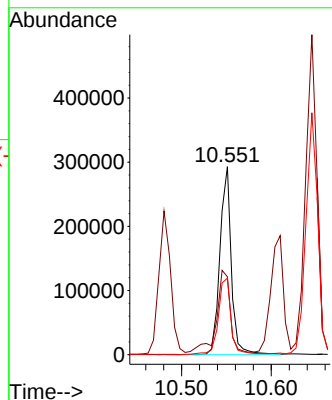
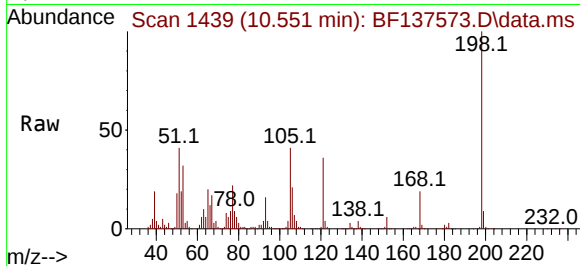




#65
4,6-Dinitro-2-methylphenol
Concen: 53.143 ng
RT: 10.551 min Scan# 1449
Delta R.T. 0.006 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

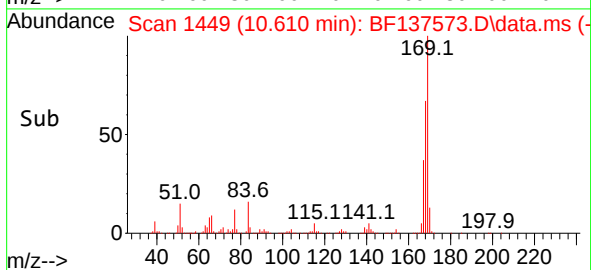
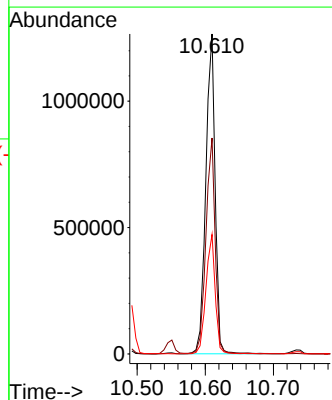
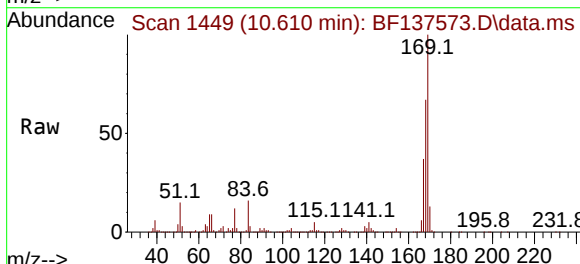
Instrument :
BNA_F
ClientSampleId :
PB159549BS

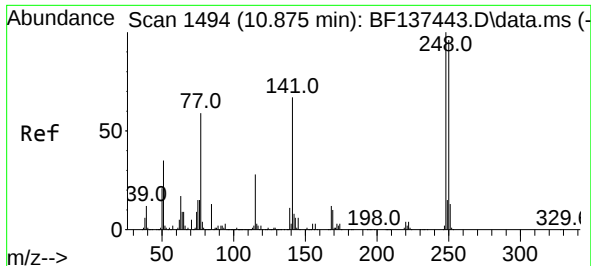
Tgt Ion:198 Resp: 258296
Ion Ratio Lower Upper
198 100
51 41.5 37.2 77.2
105 40.7 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 42.919 ng
RT: 10.610 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

Tgt Ion:169 Resp: 1205240
Ion Ratio Lower Upper
169 100
168 67.5 53.8 80.6
167 37.4 29.6 44.4

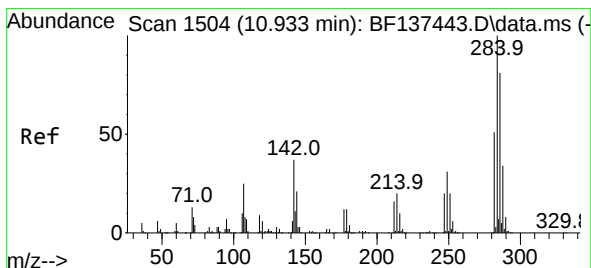
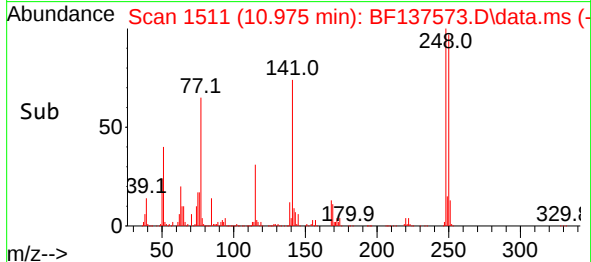
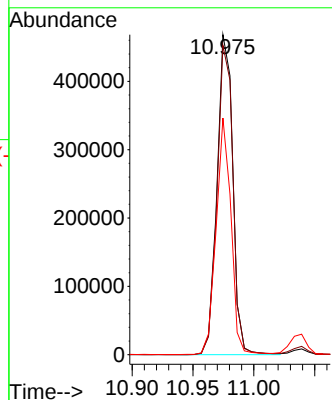
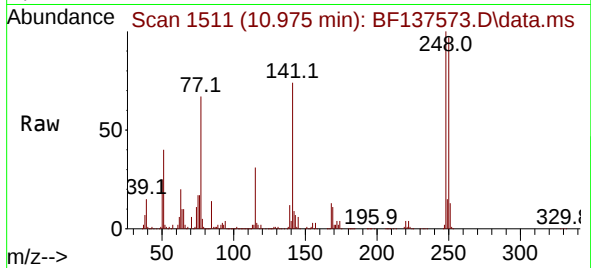




#67
4-Bromophenyl-phenylether
Concen: 44.623 ng
RT: 10.975 min Scan# 1511
Delta R.T. 0.000 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

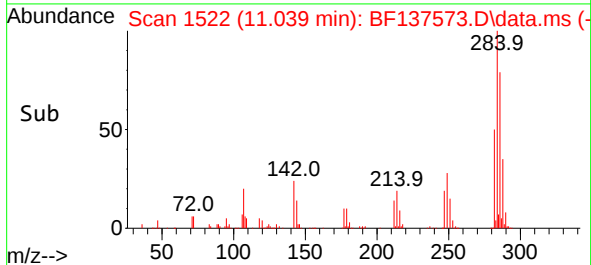
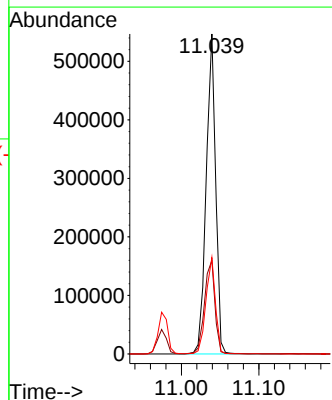
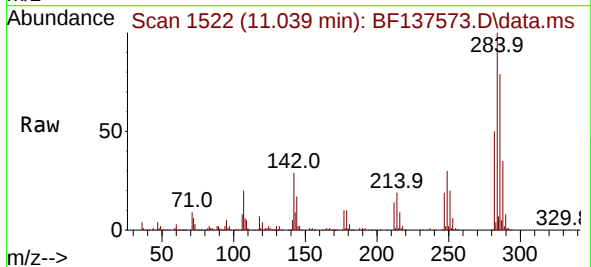
Instrument :
BNA_F
ClientSampleId :
PB159549BS

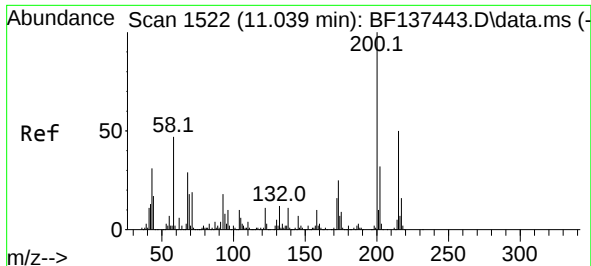
Tgt Ion:248 Resp: 423844
Ion Ratio Lower Upper
248 100
250 96.7 76.8 115.2
141 74.0 53.4 80.0



#68
Hexachlorobenzene
Concen: 48.523 ng
RT: 11.039 min Scan# 1522
Delta R.T. 0.000 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

Tgt Ion:284 Resp: 465501
Ion Ratio Lower Upper
284 100
142 29.3 29.4 44.0#
249 30.1 25.0 37.4

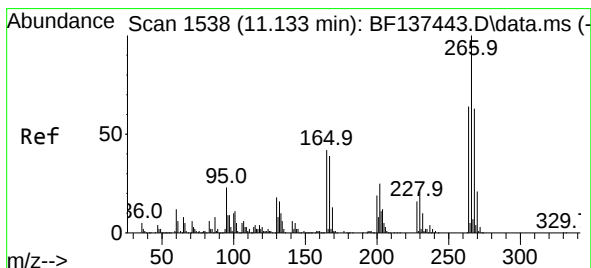
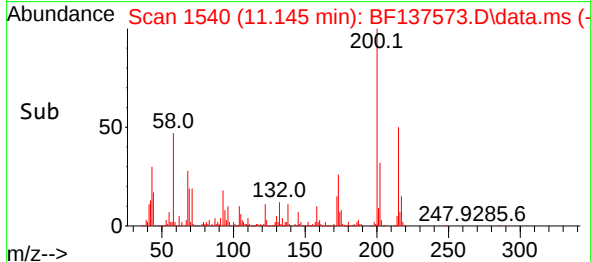
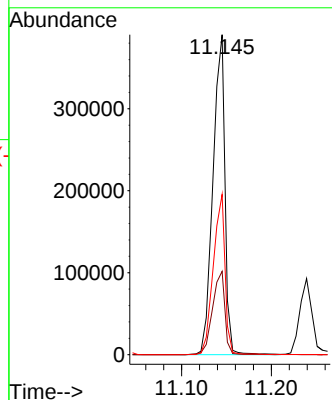
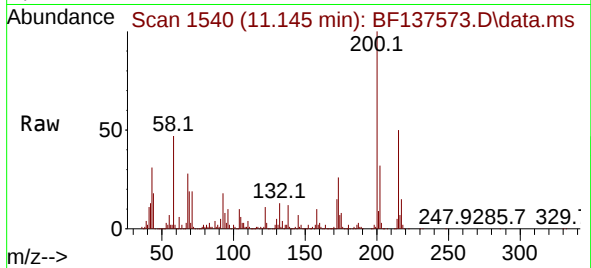




#69
Atrazine
Concen: 42.385 ng
RT: 11.145 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

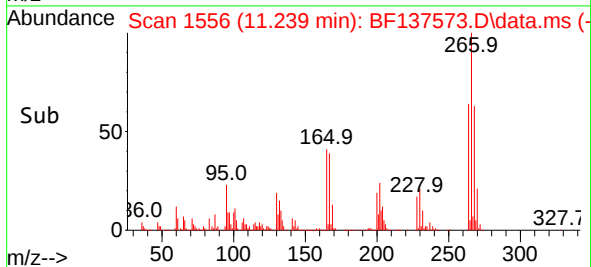
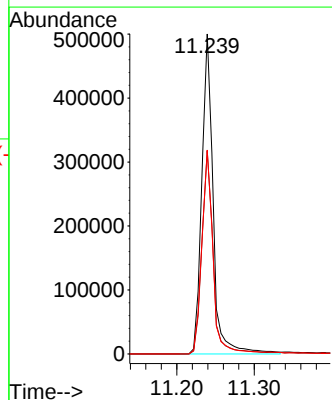
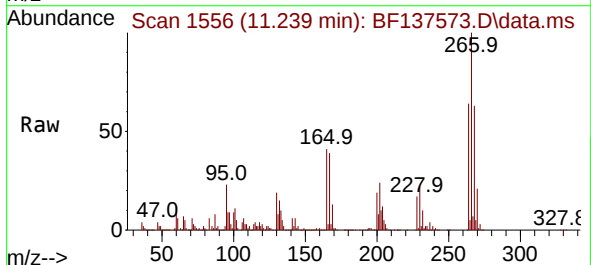
Instrument :
BNA_F
ClientSampleId :
PB159549BS

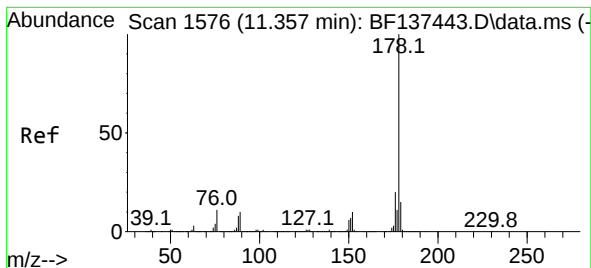
Tgt Ion:200 Resp: 361832
Ion Ratio Lower Upper
200 100
173 26.1 5.1 45.1
215 50.1 30.4 70.4



#70
Pentachlorophenol
Concen: 87.616 ng
RT: 11.239 min Scan# 1556
Delta R.T. 0.006 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

Tgt Ion:266 Resp: 508126
Ion Ratio Lower Upper
266 100
268 63.5 50.2 75.2
264 63.8 50.9 76.3





#71

Phenanthrene

Concen: 42.408 ng

RT: 11.457 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF137573.D

Acq: 13 Mar 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB159549BS

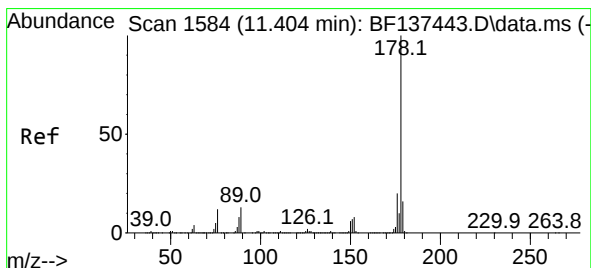
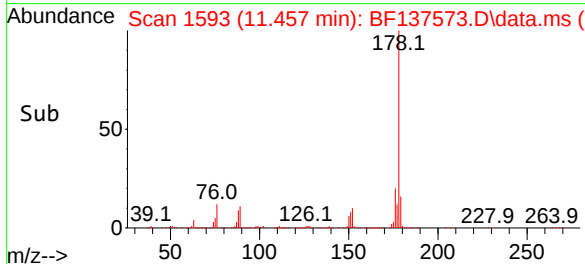
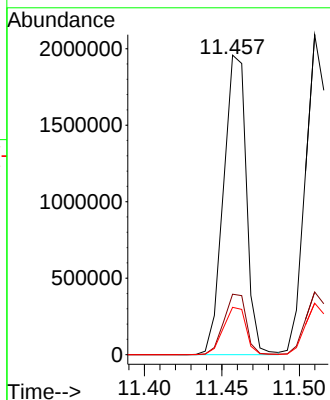
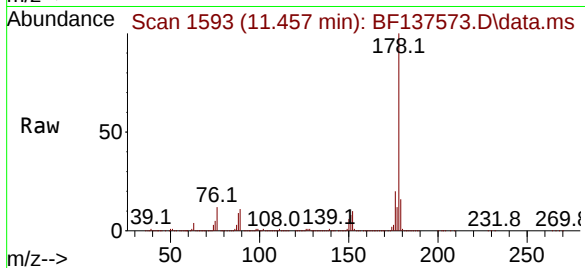
Tgt Ion:178 Resp: 2012671

Ion Ratio Lower Upper

178 100

176 20.2 15.8 23.8

179 15.8 12.2 18.2



#72

Anthracene

Concen: 41.980 ng

RT: 11.510 min Scan# 1602

Delta R.T. 0.000 min

Lab File: BF137573.D

Acq: 13 Mar 2024 10:28

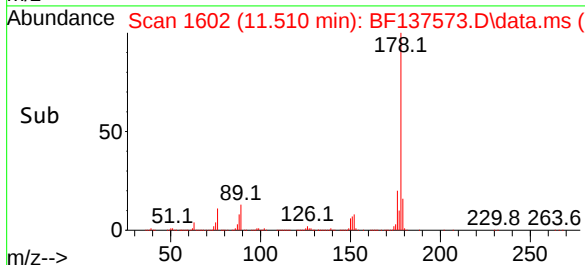
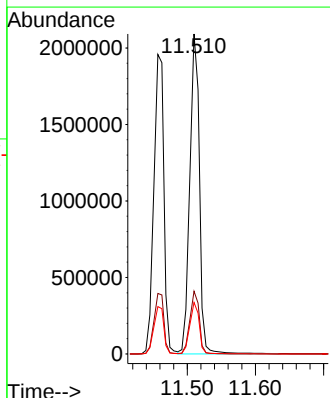
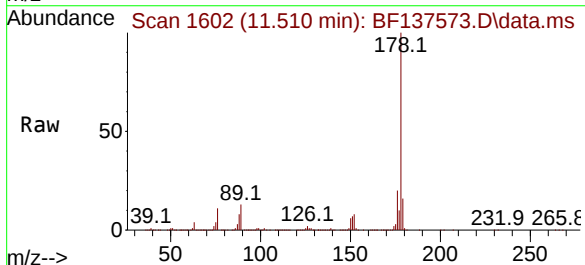
Tgt Ion:178 Resp: 2046251

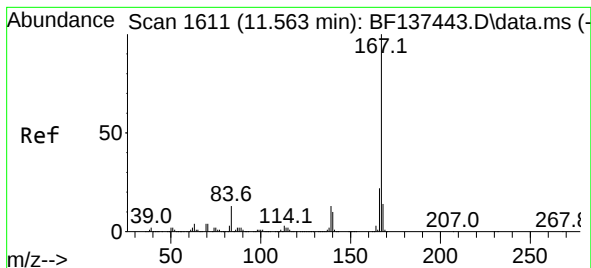
Ion Ratio Lower Upper

178 100

176 19.6 15.7 23.5

179 16.1 12.7 19.1





#73

Carbazole

Concen: 44.110 ng

RT: 11.669 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137573.D

Acq: 13 Mar 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB159549BS

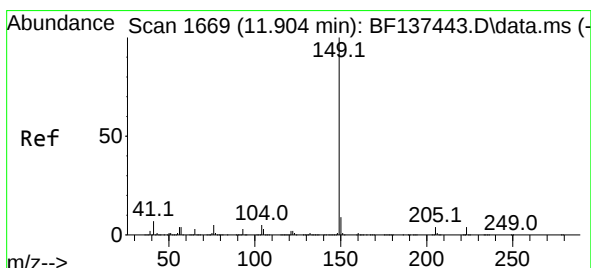
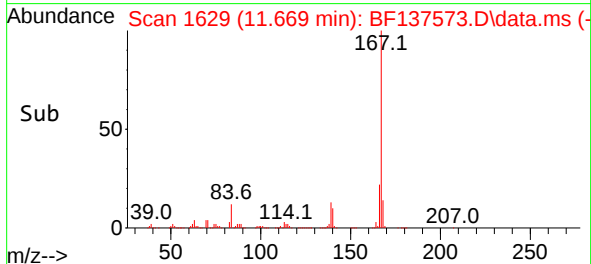
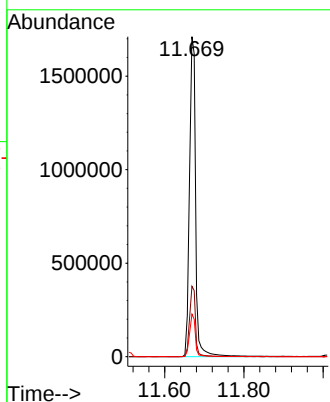
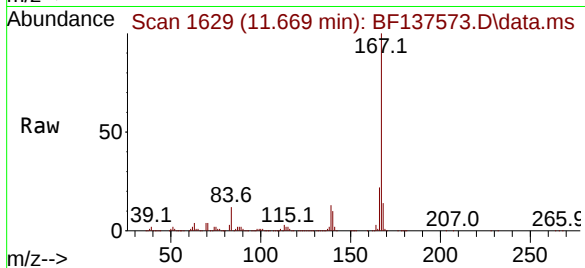
Tgt Ion:167 Resp: 1841715

Ion Ratio Lower Upper

167 100

166 22.0 17.8 26.8

139 13.3 10.5 15.7



#74

Di-n-butylphthalate

Concen: 45.374 ng

RT: 12.010 min Scan# 1687

Delta R.T. 0.006 min

Lab File: BF137573.D

Acq: 13 Mar 2024 10:28

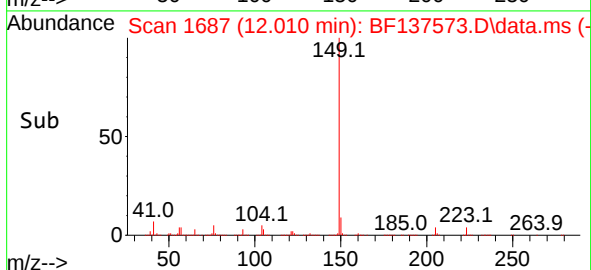
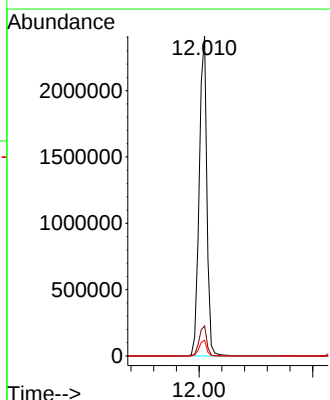
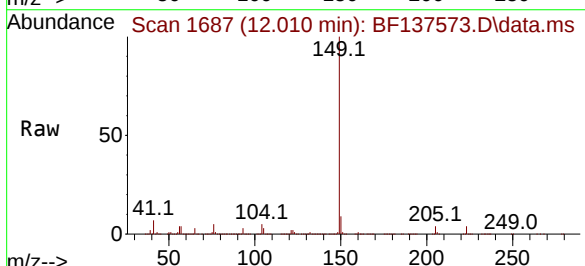
Tgt Ion:149 Resp: 2254002

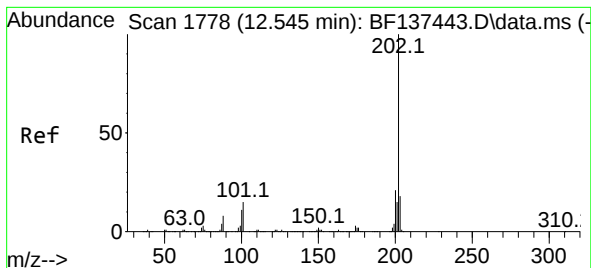
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.0

104 4.9 3.8 5.6





#75

Fluoranthene

Concen: 43.453 ng

RT: 12.657 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137573.D

Acq: 13 Mar 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB159549BS

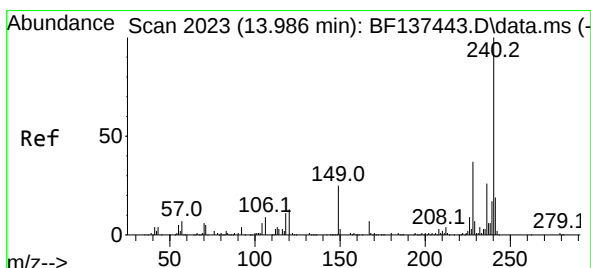
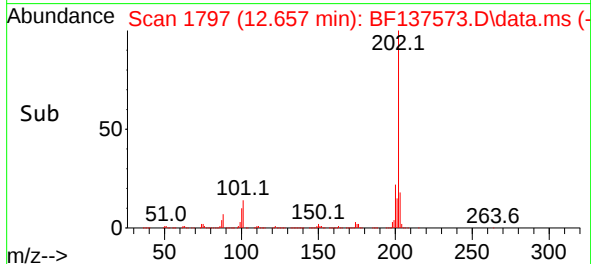
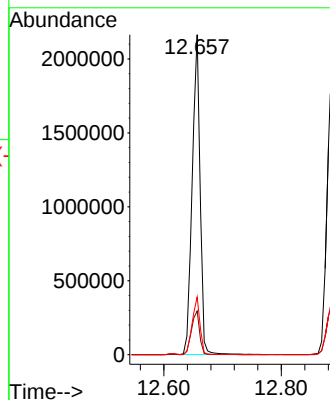
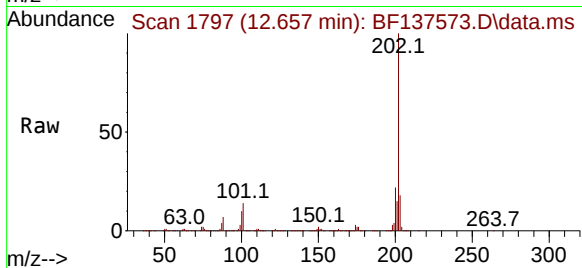
Tgt Ion:202 Resp: 2015828

Ion Ratio Lower Upper

202 100

101 13.7 0.0 35.0

203 18.1 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.098 min Scan# 2042

Delta R.T. 0.000 min

Lab File: BF137573.D

Acq: 13 Mar 2024 10:28

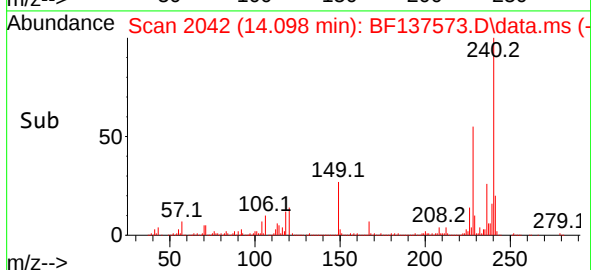
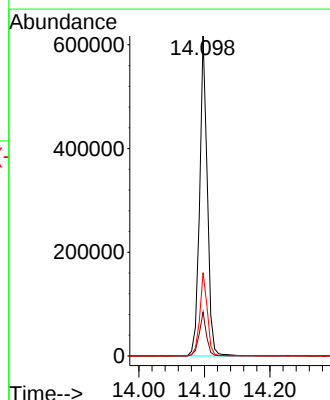
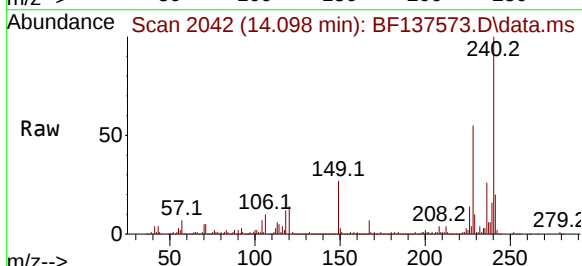
Tgt Ion:240 Resp: 503230

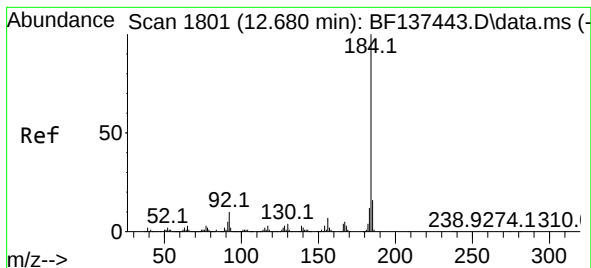
Ion Ratio Lower Upper

240 100

120 13.7 10.4 15.6

236 26.1 20.9 31.3





#77

Benzidine

Concen: 11.207 ng

RT: 12.786 min Scan# 1836

Delta R.T. 0.000 min

Lab File: BF137573.D

Acq: 13 Mar 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB159549BS

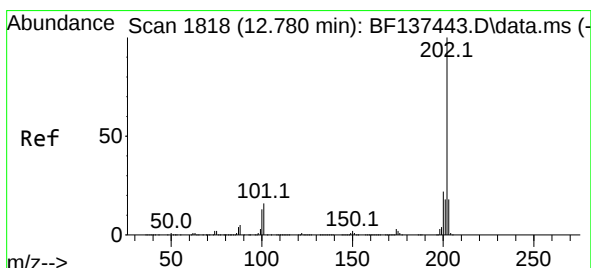
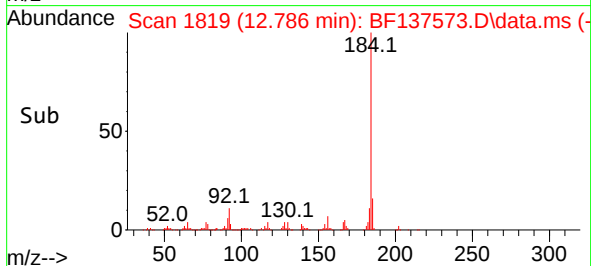
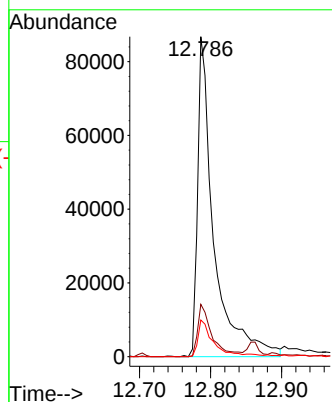
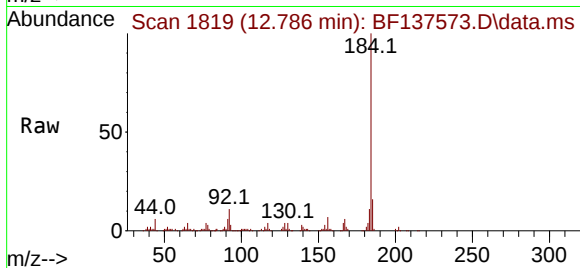
Tgt Ion:184 Resp: 138012

Ion Ratio Lower Upper

184 100

185 16.3 13.2 19.8

183 11.5 9.3 13.9



#78

Pyrene

Concen: 41.375 ng

RT: 12.886 min Scan# 1836

Delta R.T. 0.000 min

Lab File: BF137573.D

Acq: 13 Mar 2024 10:28

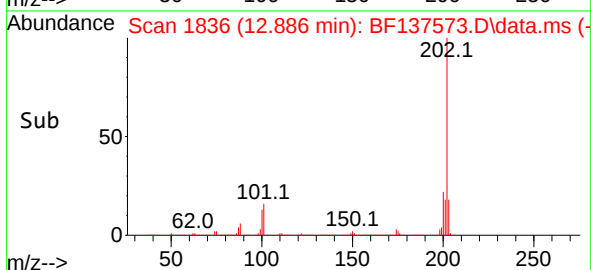
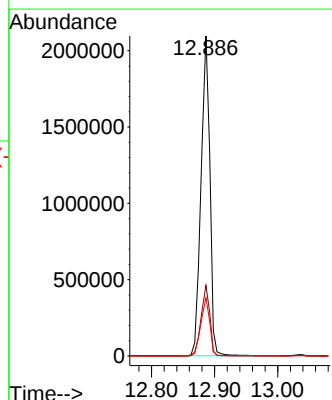
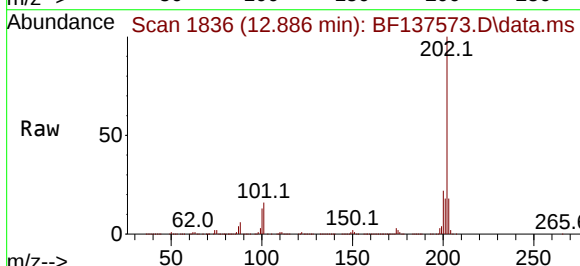
Tgt Ion:202 Resp: 2043037

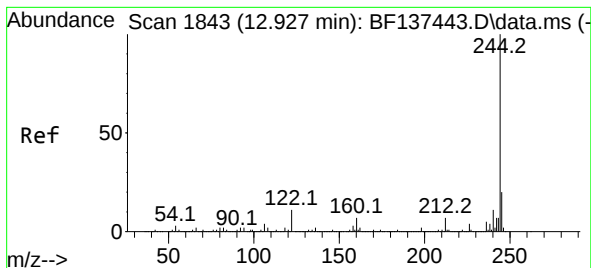
Ion Ratio Lower Upper

202 100

200 22.0 17.4 26.2

203 18.2 14.1 21.1





#79

Terphenyl-d14

Concen: 80.430 ng

RT: 13.039 min Scan# 1862

Delta R.T. 0.000 min

Lab File: BF137573.D

Acq: 13 Mar 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB159549BS

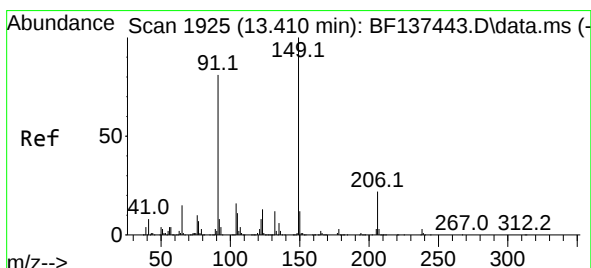
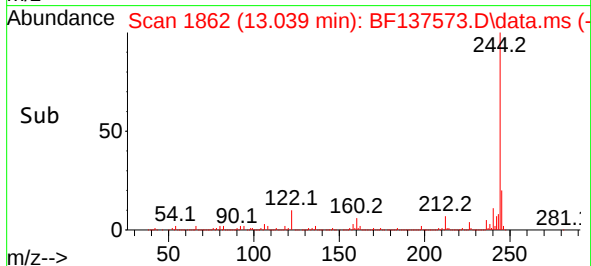
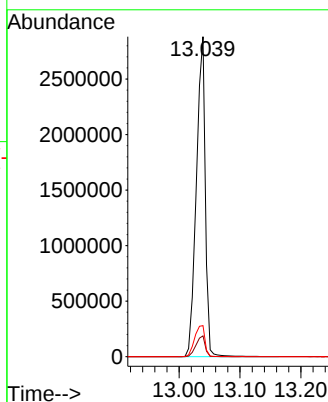
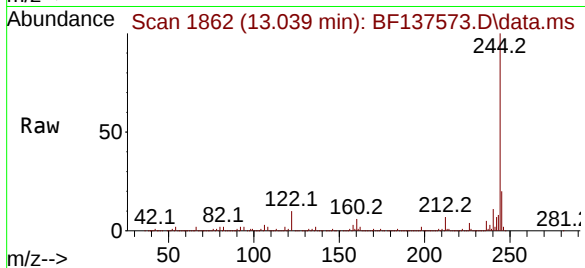
Tgt Ion:244 Resp: 2943386

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.2

122 9.7 9.1 13.7



#80

Butylbenzylphthalate

Concen: 61.223 ng

RT: 13.521 min Scan# 1944

Delta R.T. 0.000 min

Lab File: BF137573.D

Acq: 13 Mar 2024 10:28

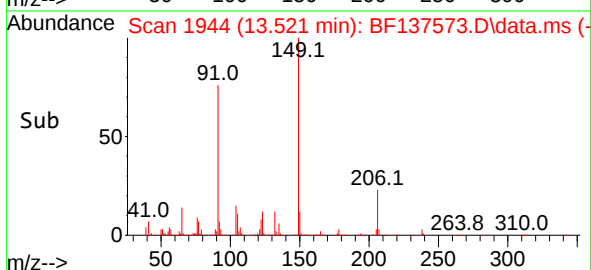
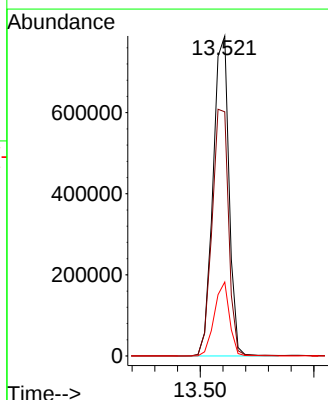
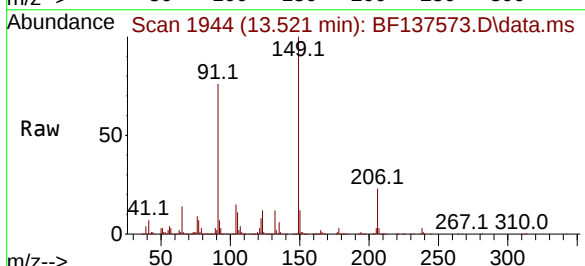
Tgt Ion:149 Resp: 772051

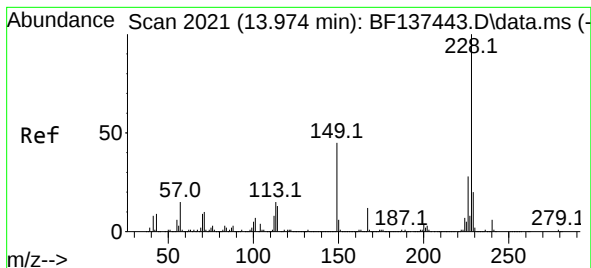
Ion Ratio Lower Upper

149 100

91 76.3 64.7 97.1

206 23.1 17.5 26.3





#81

Benzo(a)anthracene

Concen: 43.257 ng

RT: 14.086 min Scan# 2040

Delta R.T. 0.000 min

Lab File: BF137573.D

Acq: 13 Mar 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB159549BS

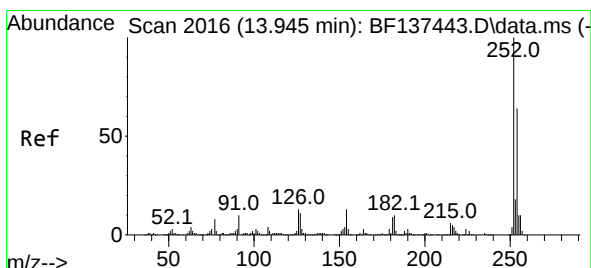
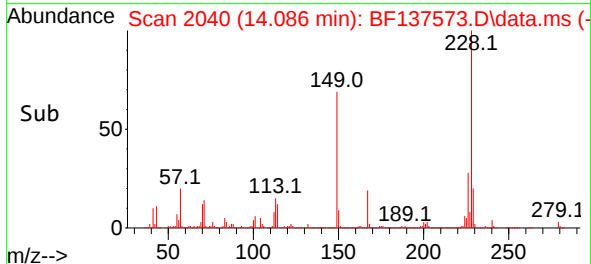
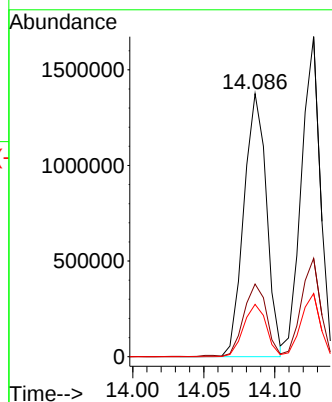
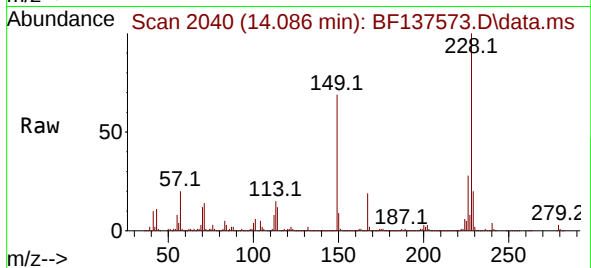
Tgt Ion:228 Resp: 1525709

Ion Ratio Lower Upper

228 100

226 27.6 22.3 33.5

229 19.9 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 39.106 ng

RT: 14.057 min Scan# 2035

Delta R.T. 0.000 min

Lab File: BF137573.D

Acq: 13 Mar 2024 10:28

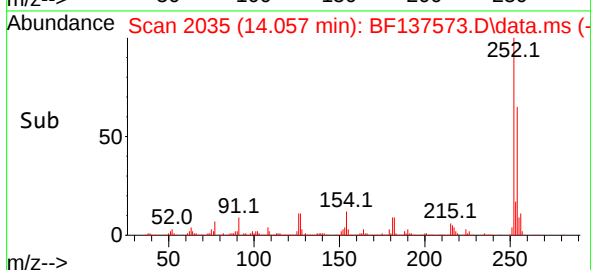
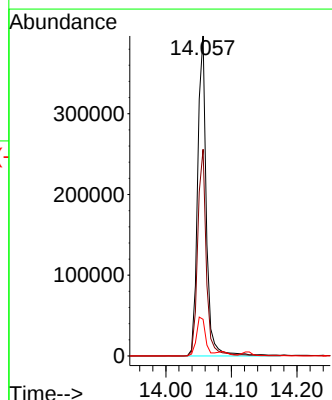
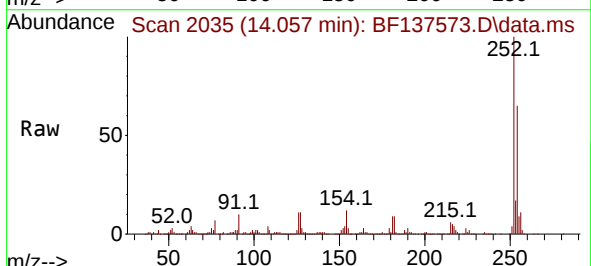
Tgt Ion:252 Resp: 367307

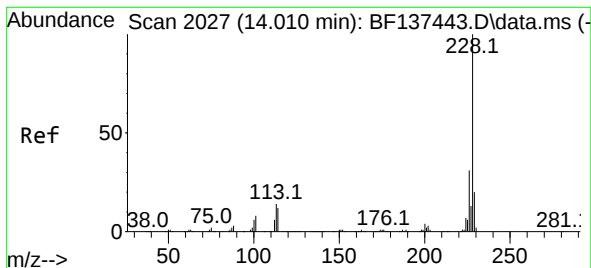
Ion Ratio Lower Upper

252 100

254 64.6 51.4 77.2

126 11.4 10.4 15.6





#83

Chrysene

Concen: 44.246 ng

RT: 14.127 min Scan# 2047

Delta R.T. 0.000 min

Lab File: BF137573.D

Acq: 13 Mar 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB159549BS

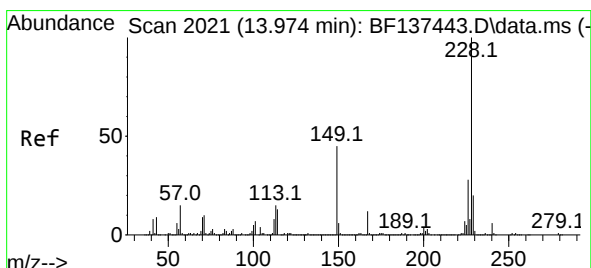
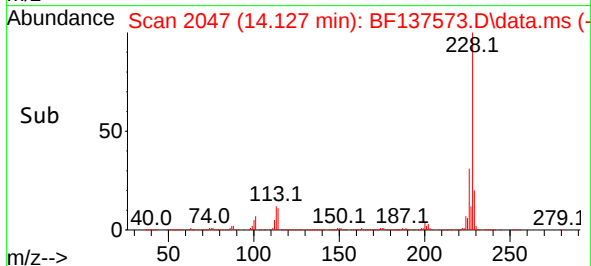
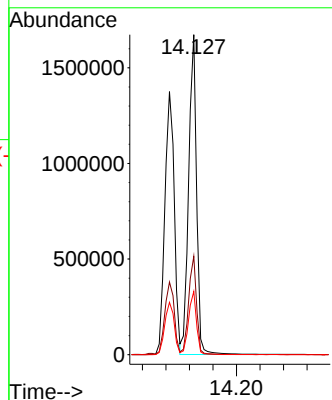
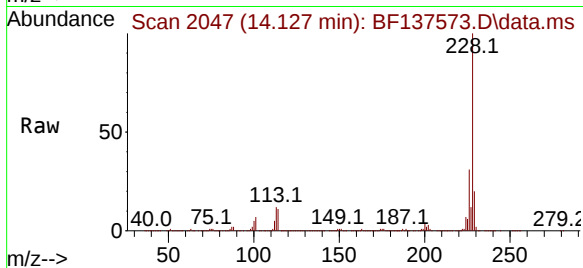
Tgt Ion:228 Resp: 1577287

Ion Ratio Lower Upper

228 100

226 30.7 24.7 37.1

229 19.7 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 60.101 ng

RT: 14.086 min Scan# 2040

Delta R.T. 0.000 min

Lab File: BF137573.D

Acq: 13 Mar 2024 10:28

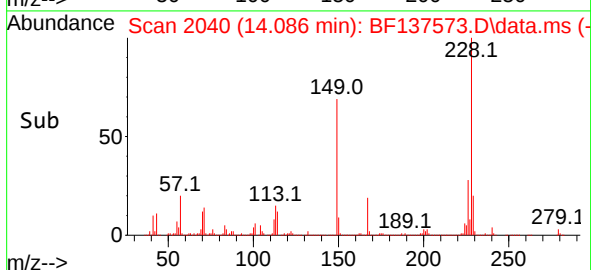
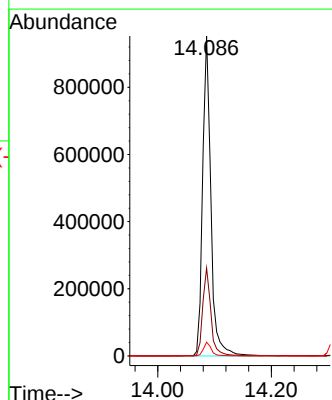
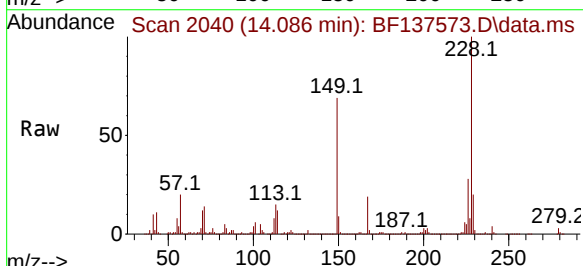
Tgt Ion:149 Resp: 963319

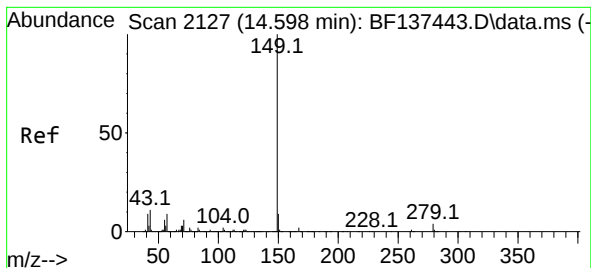
Ion Ratio Lower Upper

149 100

167 27.5 21.3 31.9

279 4.3 2.6 4.0#





#85

Di-n-octyl phthalate

Concen: 54.531 ng

RT: 14.715 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF137573.D

Acq: 13 Mar 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB159549BS

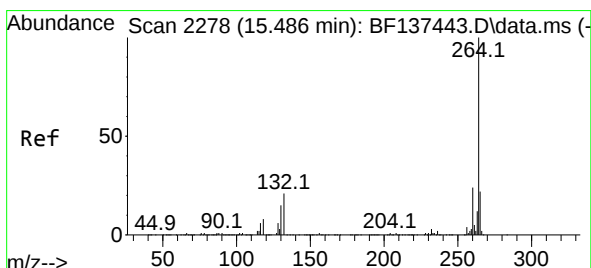
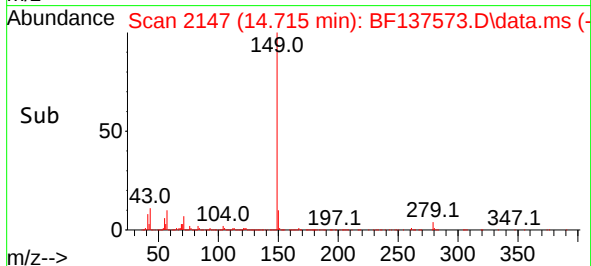
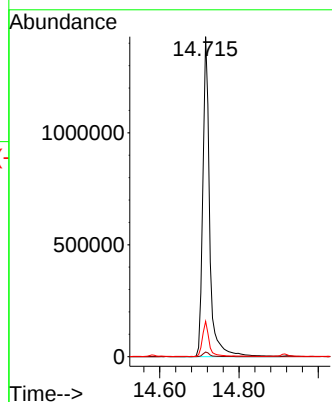
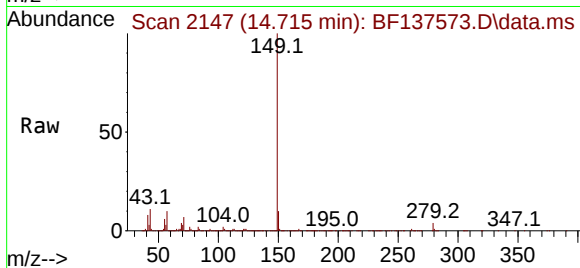
Tgt Ion:149 Resp: 1711206

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 10.8 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.651 min Scan# 2306

Delta R.T. 0.000 min

Lab File: BF137573.D

Acq: 13 Mar 2024 10:28

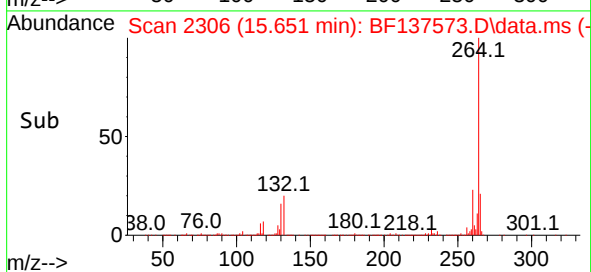
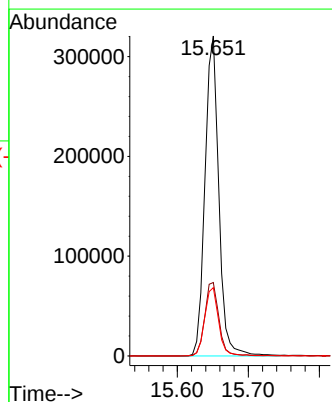
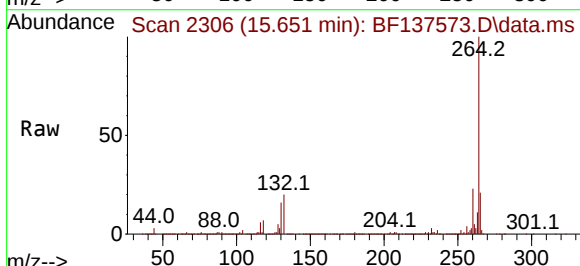
Tgt Ion:264 Resp: 435106

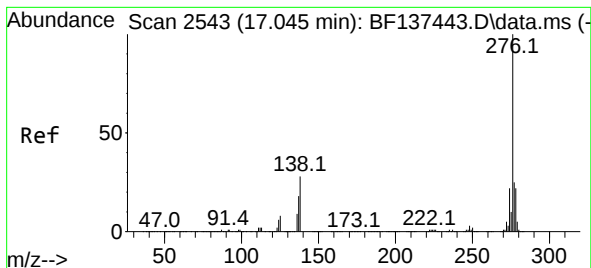
Ion Ratio Lower Upper

264 100

260 23.0 19.3 28.9

265 21.4 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.412 ng

RT: 17.292 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF137573.D

Acq: 13 Mar 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB159549BS

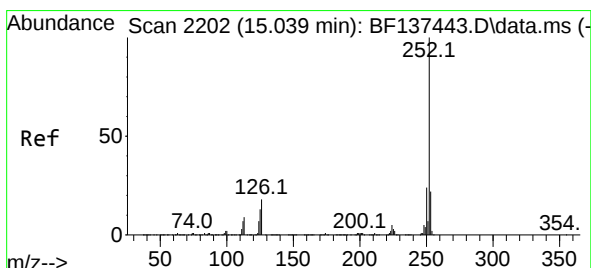
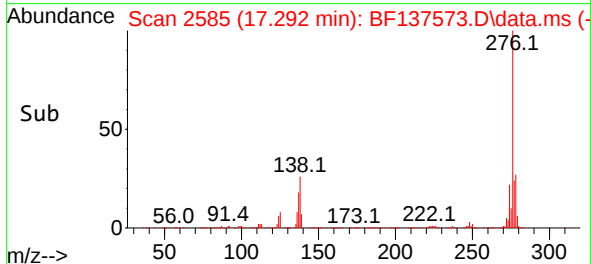
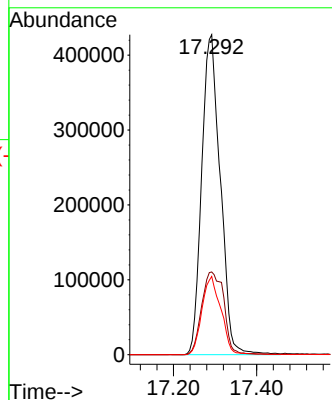
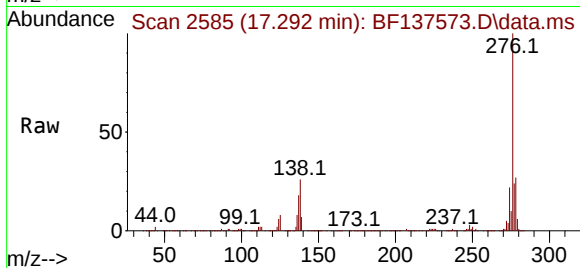
Tgt Ion:276 Resp: 1328913

Ion Ratio Lower Upper

276 100

138 30.6 25.8 38.8

277 24.9 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 54.337 ng

RT: 15.186 min Scan# 2227

Delta R.T. 0.000 min

Lab File: BF137573.D

Acq: 13 Mar 2024 10:28

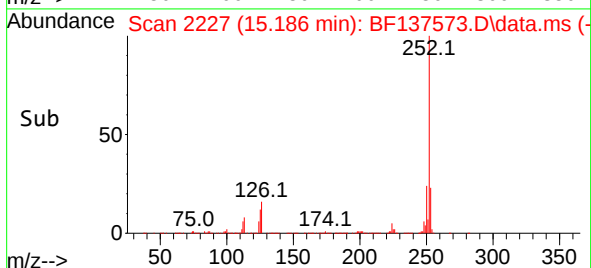
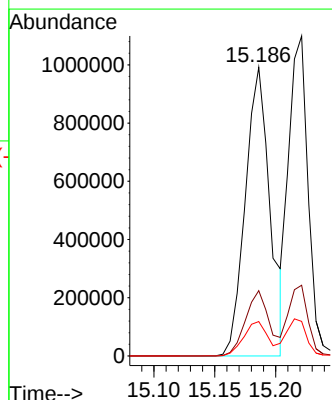
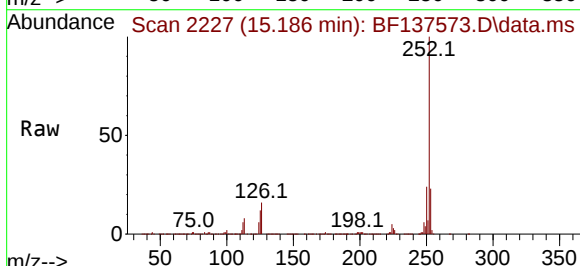
Tgt Ion:252 Resp: 1398550

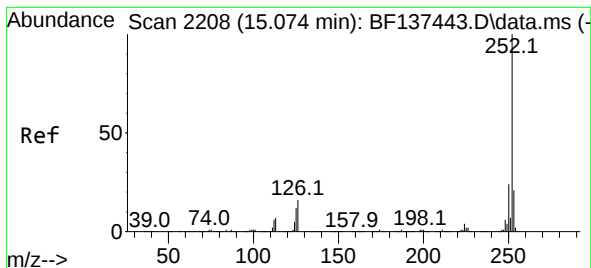
Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.8

125 11.9 10.1 15.1





#89

Benzo(k)fluoranthene

Concen: 44.810 ng

RT: 15.221 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF137573.D

Acq: 13 Mar 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB159549BS

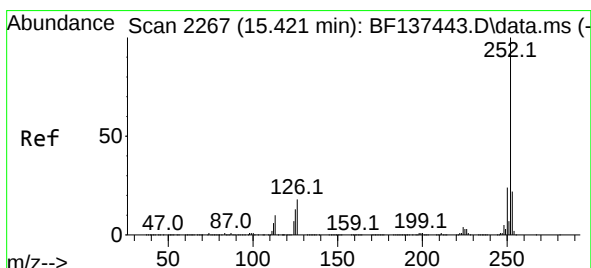
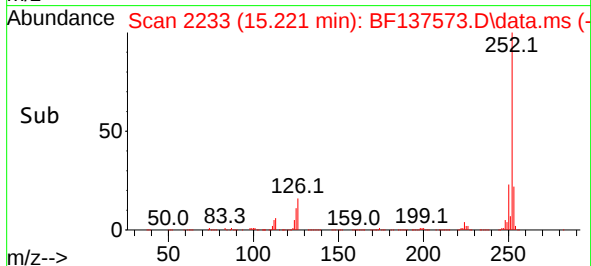
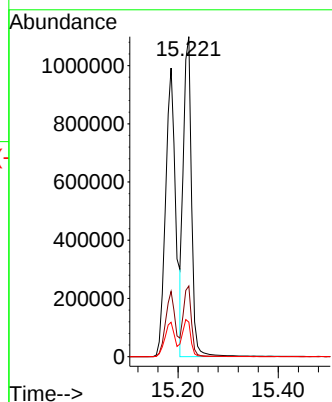
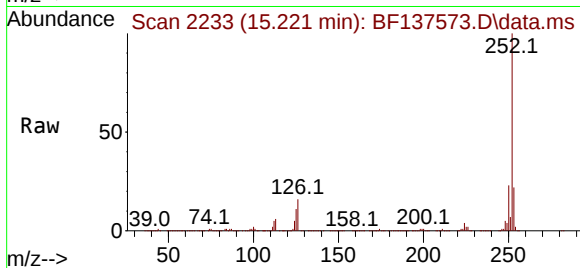
Tgt Ion:252 Resp: 1238796

Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

125 10.8 9.6 14.4



#90

Benzo(a)pyrene

Concen: 46.833 ng

RT: 15.586 min Scan# 2295

Delta R.T. 0.000 min

Lab File: BF137573.D

Acq: 13 Mar 2024 10:28

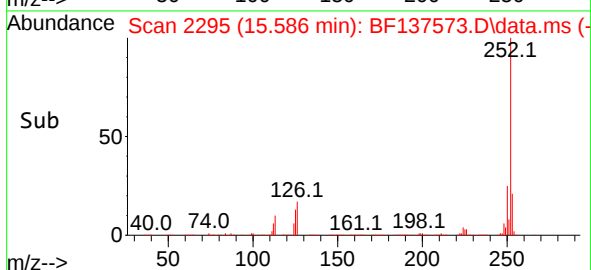
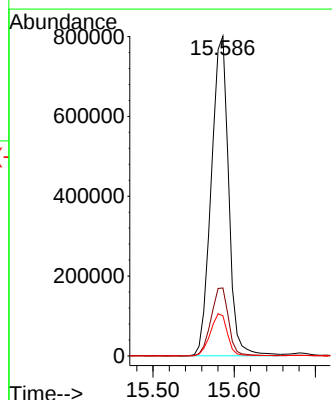
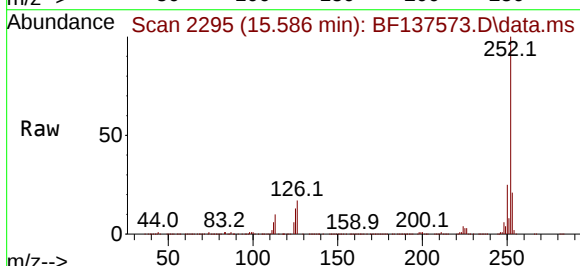
Tgt Ion:252 Resp: 1187847

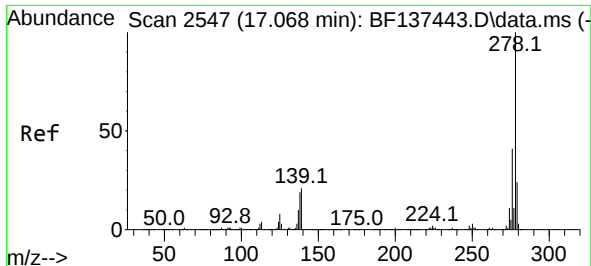
Ion Ratio Lower Upper

252 100

253 21.3 17.4 26.2

125 12.6 10.4 15.6

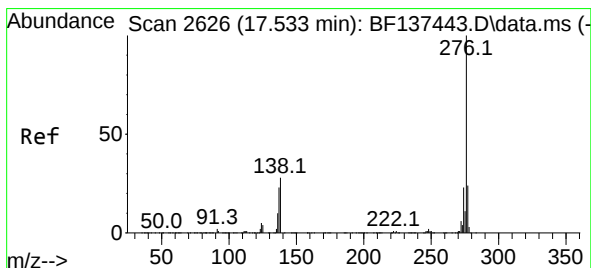
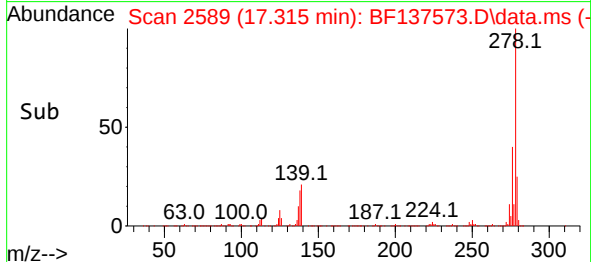
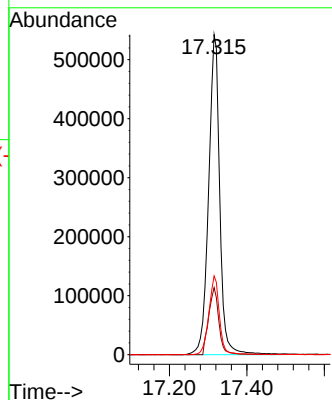
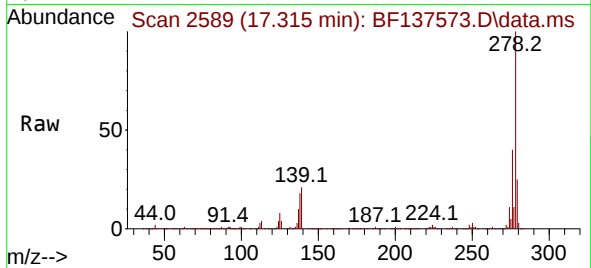




#91
Dibenzo(a,h)anthracene
Concen: 46.560 ng
RT: 17.315 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

Instrument :
BNA_F
ClientSampleId :
PB159549BS

Tgt Ion:278 Resp: 1081461
Ion Ratio Lower Upper
278 100
139 21.0 17.0 25.6
279 24.6 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 45.040 ng
RT: 17.792 min Scan# 2670
Delta R.T. -0.000 min
Lab File: BF137573.D
Acq: 13 Mar 2024 10:28

Tgt Ion:276 Resp: 1074380
Ion Ratio Lower Upper
276 100
277 23.6 19.0 28.4
138 26.0 22.2 33.2

