

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031324\
 Data File : BF137579.D
 Acq On : 13 Mar 2024 16:21
 Operator : CG\JU
 Sample : P1733-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

Quant Time: Mar 13 16:51:10 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	6.922	152	196309	20.000	ng	0.02
21) Naphthalene-d8	8.192	136	789766	20.000	ng	0.02
39) Acenaphthene-d10	9.945	164	436022	20.000	ng	0.01
64) Phenanthrene-d10	11.439	188	692186	20.000	ng	0.00
76) Chrysene-d12	14.110	240	395934	20.000	ng	0.01
86) Perylene-d12	15.668	264	455740	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.599	112	1015818	78.371	ng	0.03
7) Phenol-d6	6.569	99	1399614	74.807	ng	0.01
23) Nitrobenzene-d5	7.481	82	852766	50.171	ng	0.01
42) 2,4,6-Tribromophenol	10.745	330	300869	78.576	ng	0.01
45) 2-Fluorobiphenyl	9.269	172	1396074	50.120	ng	0.01
79) Terphenyl-d14	13.045	244	1281160	44.496	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.899	88	259209	36.574	ng	98
3) Pyridine	3.681	79	618412	36.180	ng	97
4) n-Nitrosodimethylamine	3.663	42	276650	40.594	ng	95
6) Aniline	6.593	93	546757	23.916	ng	97
8) 2-Chlorophenol	6.710	128	600233	43.905	ng	96
9) Benzaldehyde	6.481	77	196500	21.438	ng	98
10) Phenol	6.581	94	834728	41.451	ng	98
11) bis(2-Chloroethyl)ether	6.663	93	622122	42.158	ng	99
12) 1,3-Dichlorobenzene	6.863	146	627943	42.984	ng	97
13) 1,4-Dichlorobenzene	6.940	146	640246	42.835	ng	99
14) 1,2-Dichlorobenzene	7.087	146	607506	44.281	ng	98
15) Benzyl Alcohol	7.063	79	558440	47.944	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.187	45	978379	38.570	ng	92
17) 2-Methylphenol	7.175	107	486786	38.052	ng	99
18) Hexachloroethane	7.422	117	221144	44.933	ng	96
19) n-Nitroso-di-n-propyla...	7.334	70	446253	38.625	ng	98
20) 3+4-Methylphenols	7.328	107	575802	39.301	ng	96
22) Acetophenone	7.328	105	780523	40.847	ng	98
24) Nitrobenzene	7.498	77	683920	40.055	ng	97
25) Isophorone	7.734	82	1295748	40.126	ng	97
26) 2-Nitrophenol	7.810	139	315255	46.505	ng	96
27) 2,4-Dimethylphenol	7.851	122	430639	33.998	ng	97
28) bis(2-Chloroethoxy)met...	7.945	93	785107	41.438	ng	98
29) 2,4-Dichlorophenol	8.051	162	504703	43.415	ng	98
30) 1,2,4-Trichlorobenzene	8.134	180	526308	43.022	ng	99
31) Naphthalene	8.210	128	1703194	40.195	ng	99
32) Benzoic acid	7.987	122	289257	40.750	ng	98
33) 4-Chloroaniline	8.263	127	147465	8.875	ng	99
34) Hexachlorobutadiene	8.328	225	303832	42.068	ng	100
35) Caprolactam	8.669	113	61150	15.513	ng	95
36) 4-Chloro-3-methylphenol	8.751	107	544852	41.930	ng	99
37) 2-Methylnaphthalene	8.904	142	1070703	39.637	ng	99
38) 1-Methylnaphthalene	9.004	142	987530	38.819	ng	100
40) 1,2,4,5-Tetrachloroben...	9.069	216	517268	42.494	ng	99
41) Hexachlorocyclopentadiene	9.051	237	360865	73.402	ng	99
43) 2,4,6-Trichlorophenol	9.181	196	345752	43.618	ng	99

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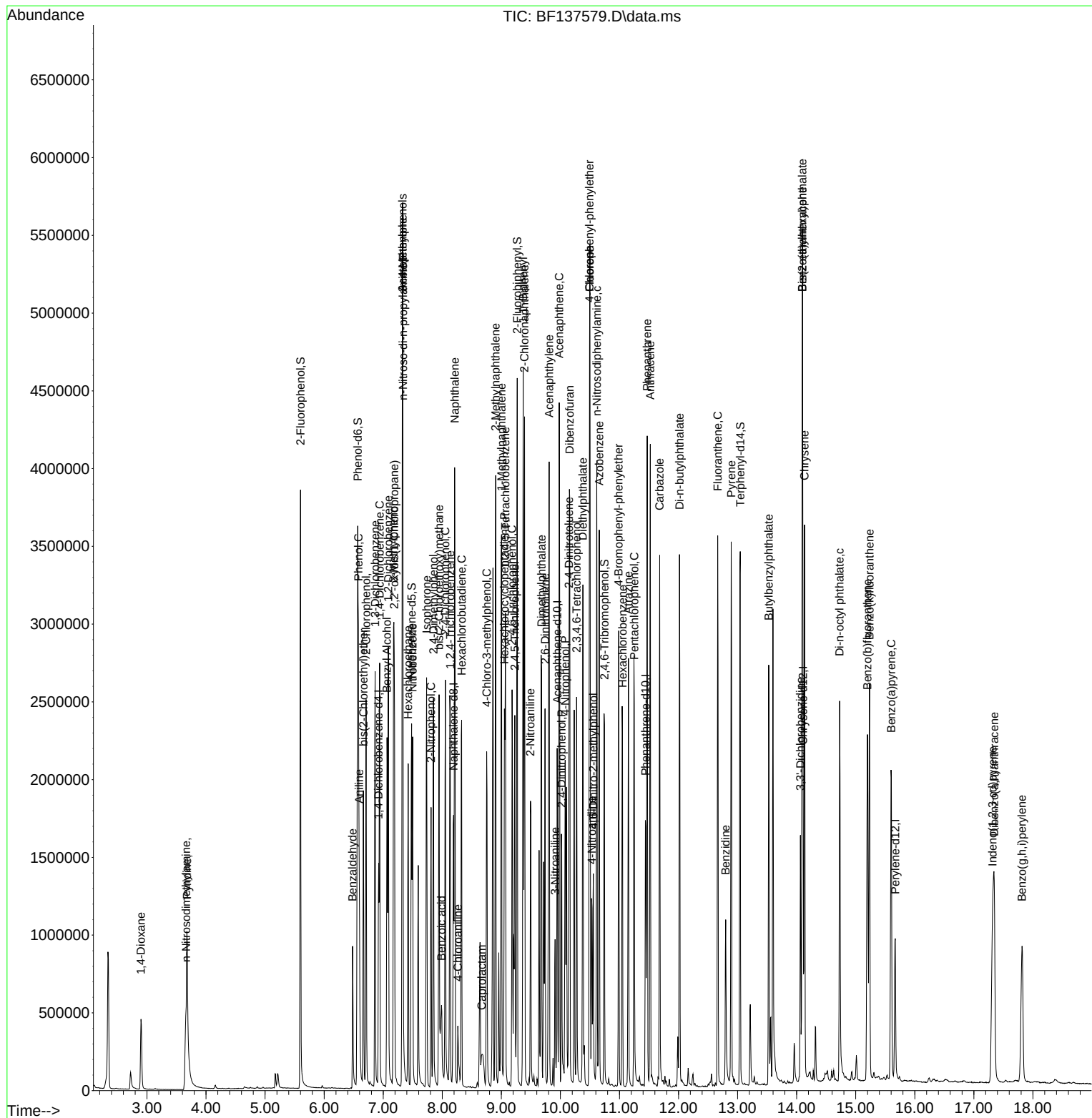
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.228	196	370328	40.556	ng	98
46) 1,1'-Biphenyl	9.369	154	1312238	41.119	ng	98
47) 2-Chloronaphthalene	9.392	162	993363	40.827	ng	99
48) 2-Nitroaniline	9.492	65	356350	43.090	ng	94
49) Acenaphthylene	9.810	152	1626701	41.777	ng	100
50) Dimethylphthalate	9.681	163	1258142	41.451	ng	99
51) 2,6-Dinitrotoluene	9.739	165	271230	42.724	ng	94
52) Acenaphthene	9.981	154	911468	39.209	ng	100
53) 3-Nitroaniline	9.910	138	157891	23.513	ng	93
54) 2,4-Dinitrophenol	10.022	184	232536	75.602	ng	92
55) Dibenzofuran	10.157	168	1381145	39.009	ng	99
56) 4-Nitrophenol	10.081	139	373051	78.195	ng	98
57) 2,4-Dinitrotoluene	10.145	165	332974	42.691	ng	93
58) Fluorene	10.498	166	1028156	37.812	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.275	232	299820	40.945	ng	95
60) Diethylphthalate	10.381	149	1176919	41.061	ng	100
61) 4-Chlorophenyl-phenyle...	10.492	204	518620	38.918	ng	99
62) 4-Nitroaniline	10.533	138	228066	39.516	ng	90
63) Azobenzene	10.657	77	1289317	39.065	ng	99
65) 4,6-Dinitro-2-methylph...	10.557	198	177485	46.006	ng	86
66) n-Nitrosodiphenylamine	10.616	169	960743	43.103	ng	99
67) 4-Bromophenyl-phenylether	10.986	248	336253	44.601	ng	99
68) Hexachlorobenzene	11.051	284	353516	46.426	ng	# 90
69) Atrazine	11.151	200	307736	45.416	ng	97
70) Pentachlorophenol	11.251	266	357684	77.703	ng	99
71) Phenanthrene	11.469	178	1514590	40.207	ng	99
72) Anthracene	11.522	178	1556513	40.231	ng	100
73) Carbazole	11.680	167	1317278	39.749	ng	99
74) Di-n-butylphthalate	12.016	149	1715724	43.514	ng	100
75) Fluoranthene	12.663	202	1411286	38.328	ng	99
77) Benzidine	12.798	184	506654	52.290	ng	98
78) Pyrene	12.892	202	1438351	37.023	ng	99
80) Butylbenzylphthalate	13.527	149	561325	56.575	ng	100
81) Benzo(a)anthracene	14.098	228	1165275	41.991	ng	99
82) 3,3'-Dichlorobenzidine	14.063	252	333785	45.167	ng	99
83) Chrysene	14.133	228	1192179	42.506	ng	100
84) Bis(2-ethylhexyl)phtha...	14.098	149	784914	62.241	ng	# 98
85) Di-n-octyl phthalate	14.727	149	1441797	58.000	ng	97
87) Indeno(1,2,3-cd)pyrene	17.315	276	1119333	37.322	ng	98
88) Benzo(b)fluoranthene	15.198	252	1214040	45.033	ng	100
89) Benzo(k)fluoranthene	15.233	252	1140934	39.402	ng	99
90) Benzo(a)pyrene	15.604	252	1117734	42.073	ng	99
91) Dibenzo(a,h)anthracene	17.345	278	904069	37.160	ng	98
92) Benzo(g,h,i)perylene	17.815	276	823035	32.941	ng	99

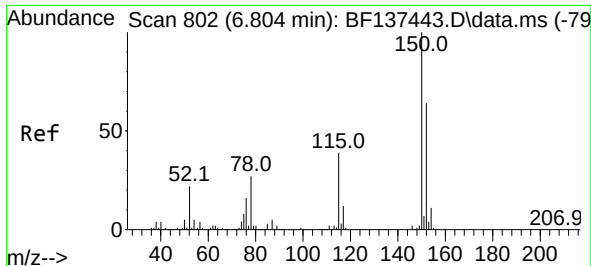
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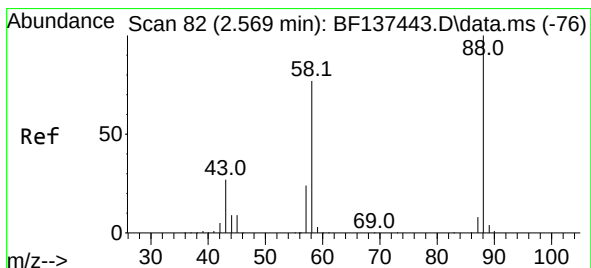
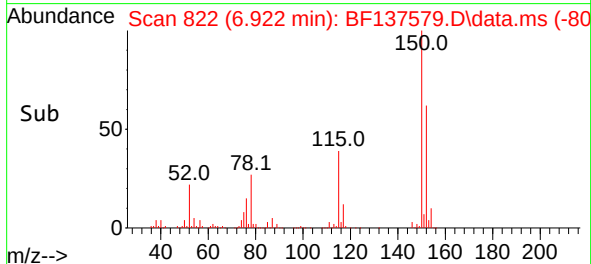
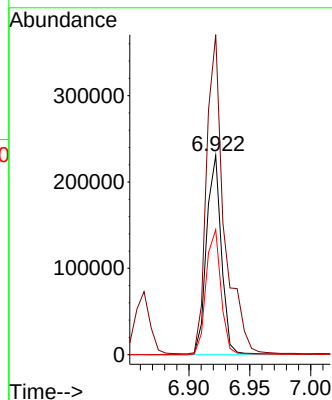
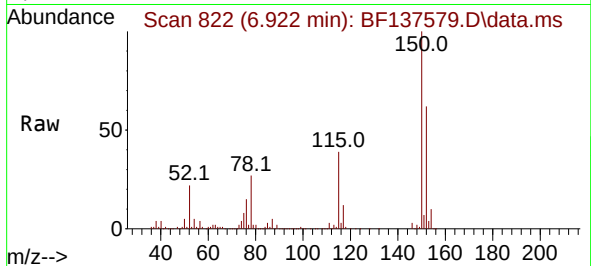




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.922 min Scan# 81
 Delta R.T. 0.018 min
 Lab File: BF137579.D
 Acq: 13 Mar 2024 16:21

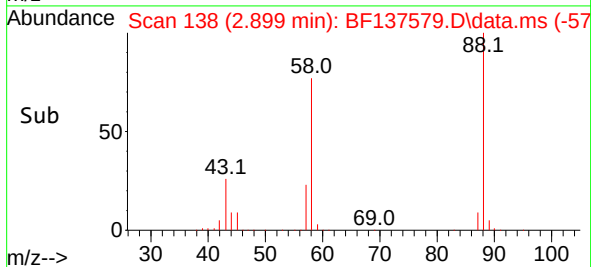
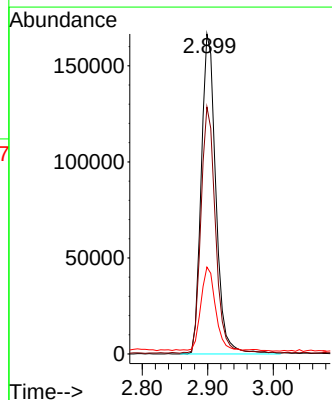
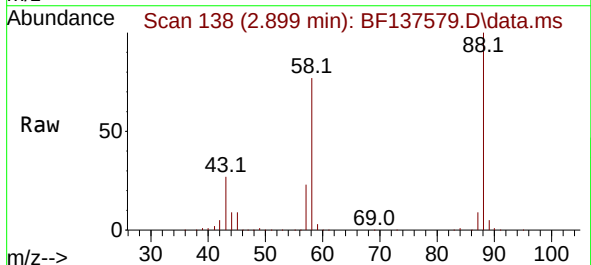
Instrument :
 BNA_F
 ClientSampleId :
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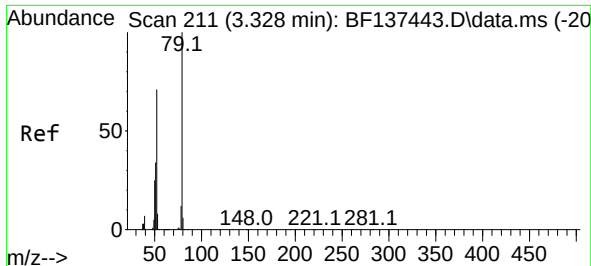
Tgt Ion:152 Resp: 196309
 Ion Ratio Lower Upper
 152 100
 150 160.6 125.8 188.6
 115 62.8 48.8 73.2



#2
 1,4-Dioxane
 Concen: 36.574 ng
 RT: 2.899 min Scan# 138
 Delta R.T. 0.124 min
 Lab File: BF137579.D
 Acq: 13 Mar 2024 16:21

Tgt Ion: 88 Resp: 259209
 Ion Ratio Lower Upper
 88 100
 58 76.7 61.8 92.8
 43 25.5 22.2 33.4

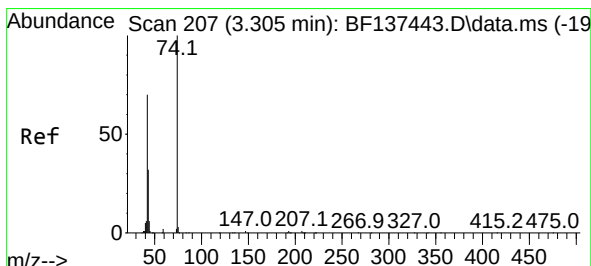
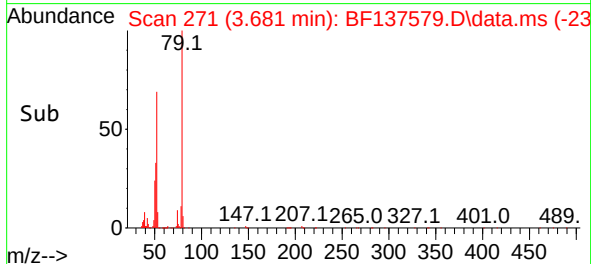
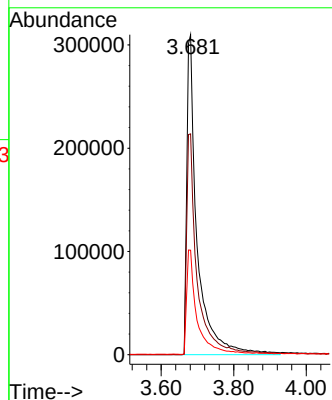
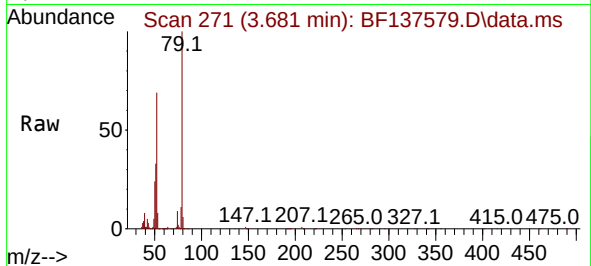




#3
Pyridine
Concen: 36.180 ng
RT: 3.681 min Scan# 211
Delta R.T. 0.106 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

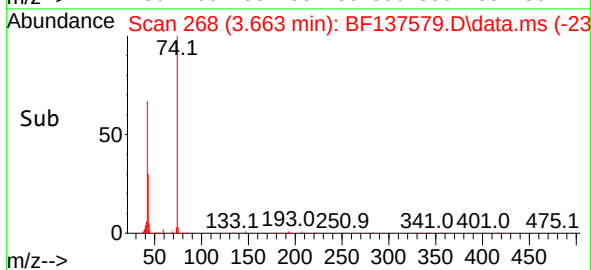
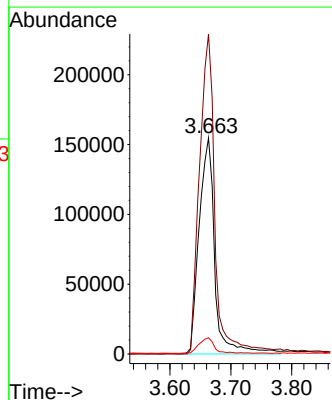
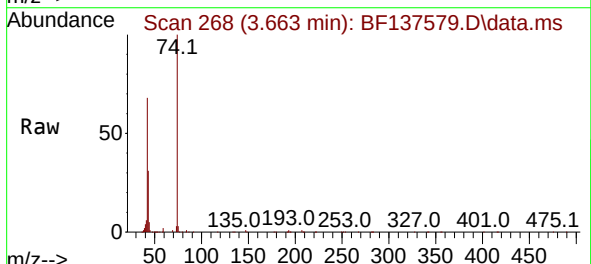
Instrument :
BNA_F
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WC-1MSD

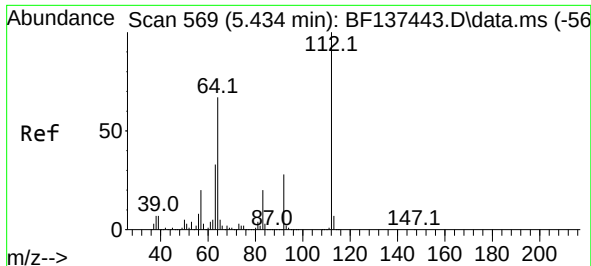
Tgt Ion: 79 Resp: 618412
Ion Ratio Lower Upper
79 100
52 69.0 57.0 85.4
51 32.7 27.5 41.3



#4
n-Nitrosodimethylamine
Concen: 40.594 ng
RT: 3.663 min Scan# 268
Delta R.T. 0.094 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

Tgt Ion: 42 Resp: 276650
Ion Ratio Lower Upper
42 100
74 148.1 114.0 171.0
44 7.5 7.0 10.4

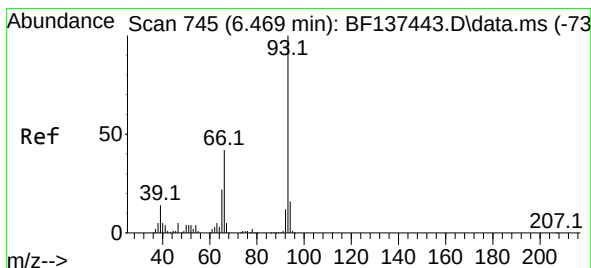
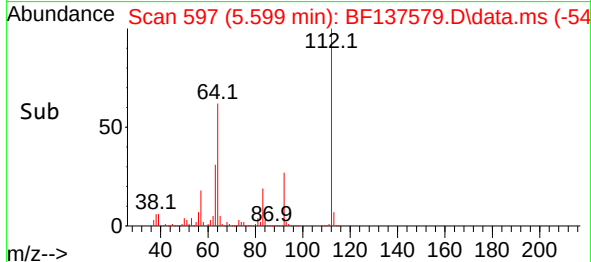
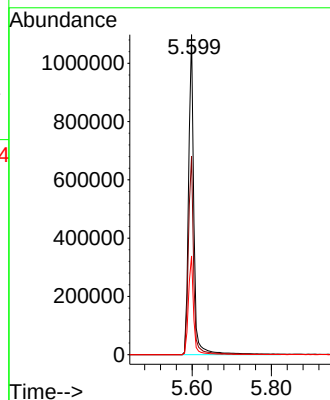
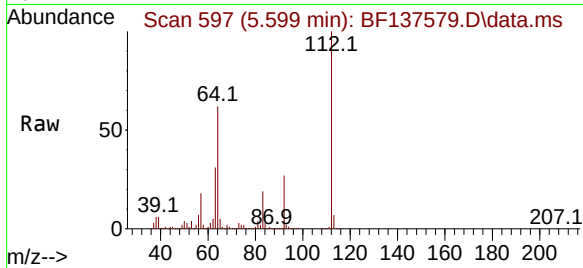




#5
2-Fluorophenol
Concen: 78.371 ng
RT: 5.599 min Scan# 51
Delta R.T. 0.030 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

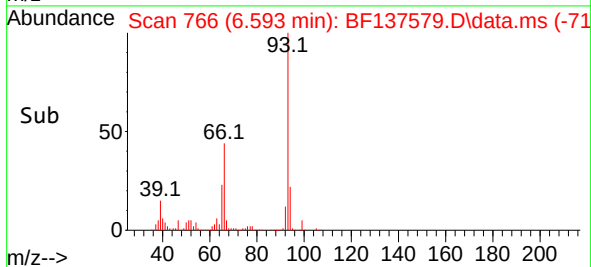
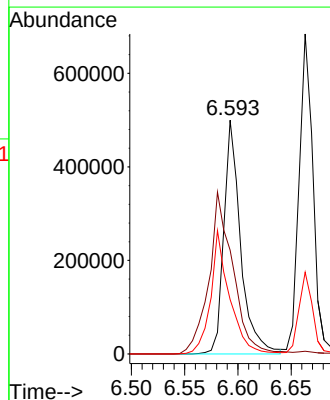
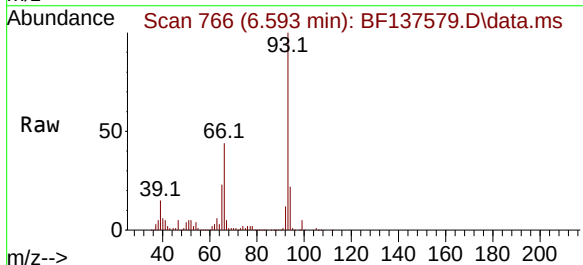
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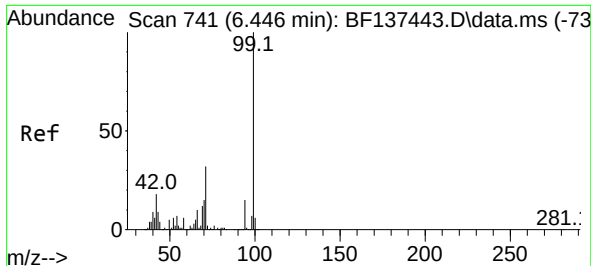
Tgt Ion:112 Resp: 1015818
Ion Ratio Lower Upper
112 100
64 62.0 53.4 80.2
63 30.9 26.2 39.2



#6
Aniline
Concen: 23.916 ng
RT: 6.593 min Scan# 766
Delta R.T. 0.012 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

Tgt Ion: 93 Resp: 546757
Ion Ratio Lower Upper
93 100
66 44.4 34.0 51.0
65 23.3 17.8 26.8

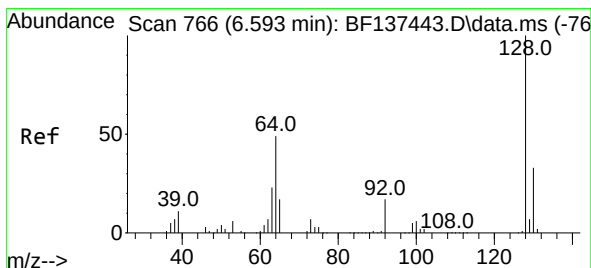
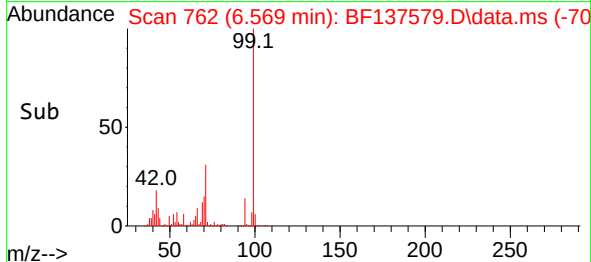
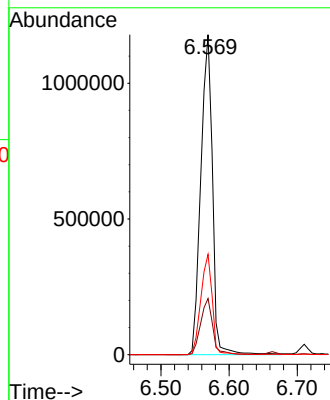
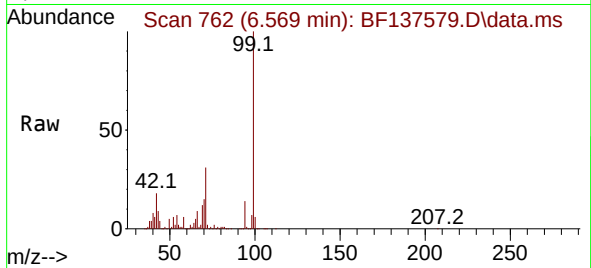




#7
Phenol-d6
Concen: 74.807 ng
RT: 6.569 min Scan# 741
Delta R.T. 0.012 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

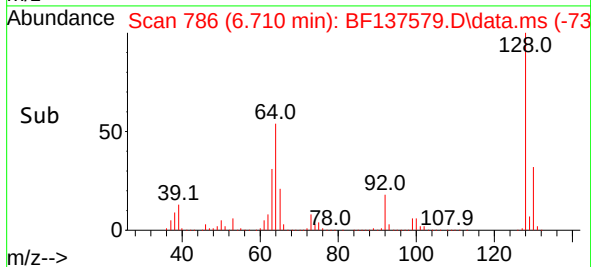
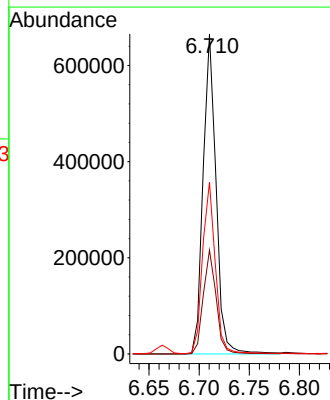
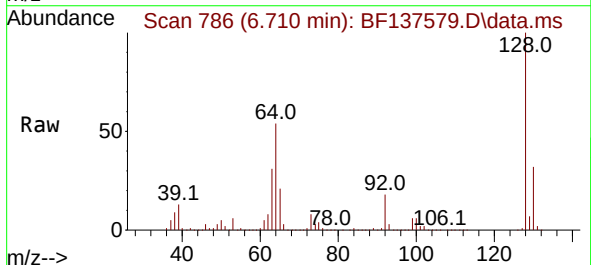
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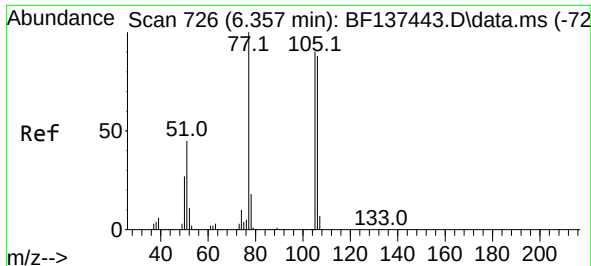
Tgt Ion: 99 Resp: 1399614
Ion Ratio Lower Upper
99 100
42 17.6 14.6 21.8
71 31.4 25.3 37.9



#8
2-Chlorophenol
Concen: 43.905 ng
RT: 6.710 min Scan# 786
Delta R.T. 0.012 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

Tgt Ion:128 Resp: 600233
Ion Ratio Lower Upper
128 100
130 32.5 13.4 53.4
64 53.7 30.0 70.0





#9

Benzaldehyde

Concen: 21.438 ng

RT: 6.481 min Scan# 741

Delta R.T. 0.012 min

Lab File: BF137579.D

Acq: 13 Mar 2024 16:21

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

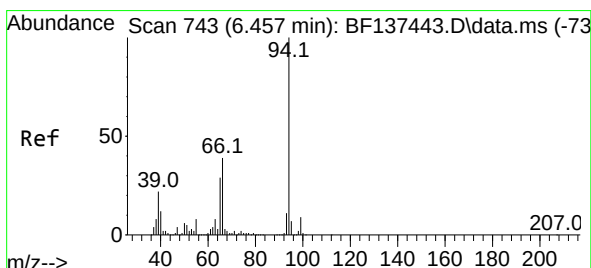
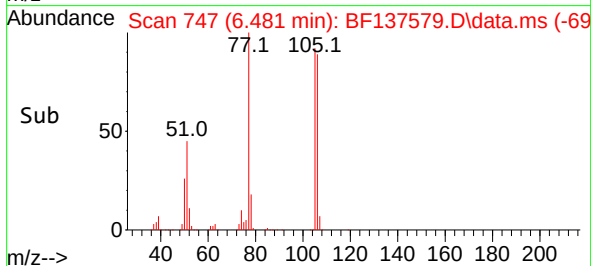
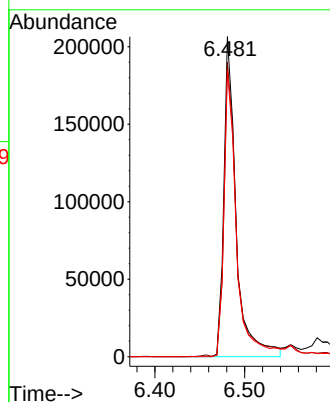
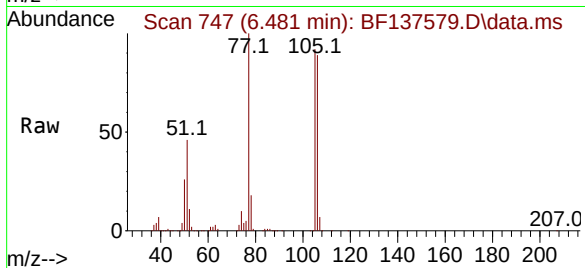
Tgt Ion: 77 Resp: 196500

Ion Ratio Lower Upper

77 100

105 92.0 69.8 109.8

106 89.5 67.8 107.8



#10

Phenol

Concen: 41.451 ng

RT: 6.581 min Scan# 764

Delta R.T. 0.012 min

Lab File: BF137579.D

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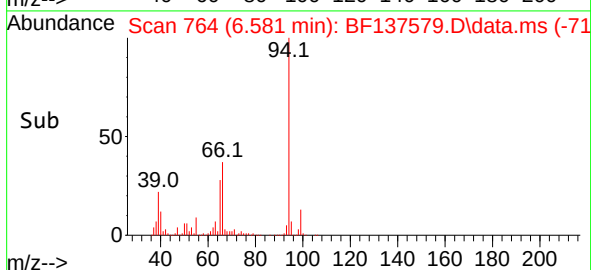
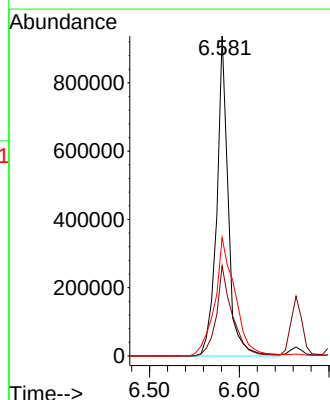
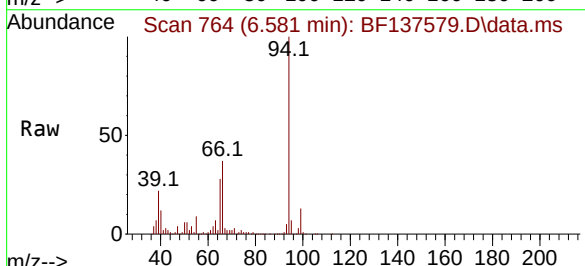
Tgt Ion: 94 Resp: 834728

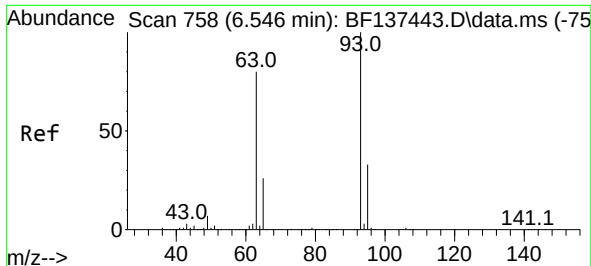
Ion Ratio Lower Upper

94 100

65 28.2 8.7 48.7

66 36.9 18.6 58.6





#11

bis(2-Chloroethyl)ether

Concen: 42.158 ng

RT: 6.663 min Scan# 71

Delta R.T. 0.012 min

Lab File: BF137579.D

Acq: 13 Mar 2024 16:21

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

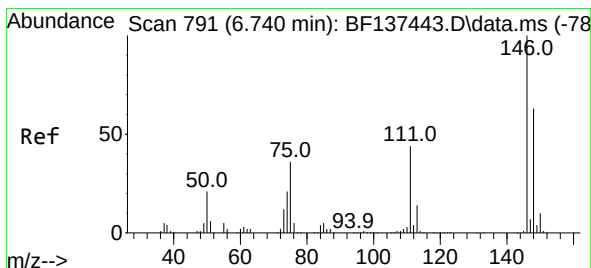
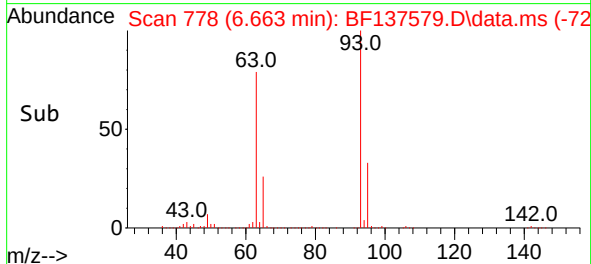
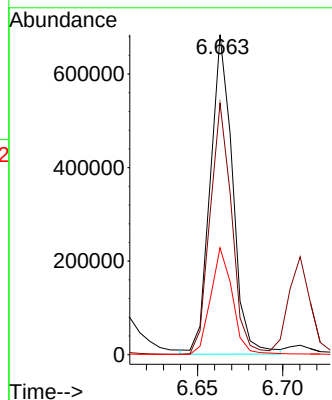
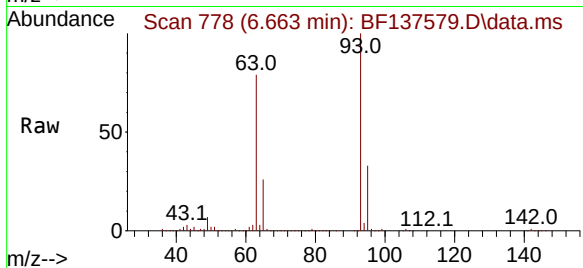
Tgt Ion: 93 Resp: 622122

Ion Ratio Lower Upper

93 100

63 78.6 58.9 98.9

95 33.4 12.2 52.2



#12

1,3-Dichlorobenzene

Concen: 42.984 ng

RT: 6.863 min Scan# 812

Delta R.T. 0.018 min

Lab File: BF137579.D

Acq: 13 Mar 2024 16:21

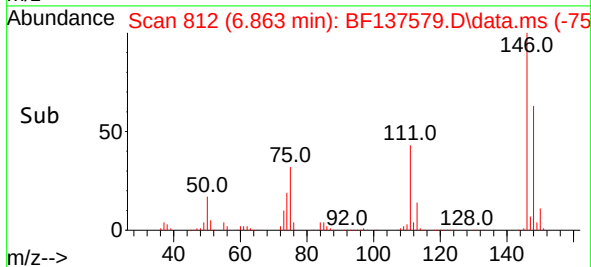
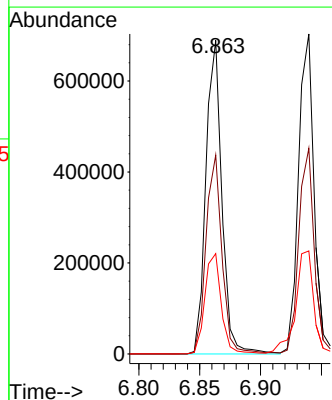
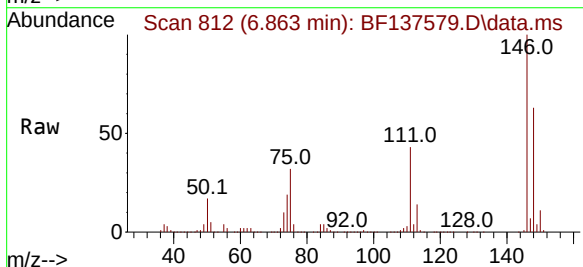
Tgt Ion:146 Resp: 627943

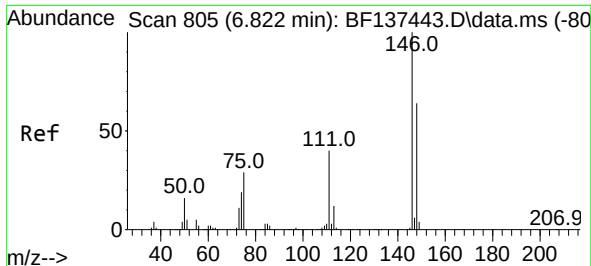
Ion Ratio Lower Upper

146 100

148 63.4 50.3 75.5

75 32.0 29.0 43.4





#13

1,4-Dichlorobenzene

Concen: 42.835 ng

RT: 6.940 min Scan# 81

Delta R.T. 0.018 min

Lab File: BF137579.D

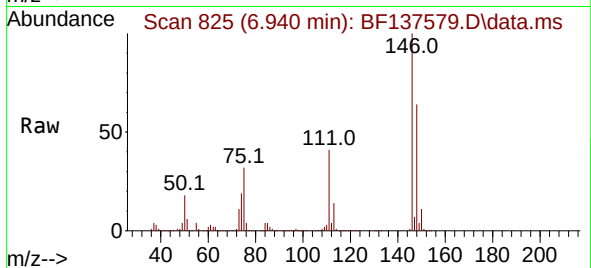
Acq: 13 Mar 2024 16:21

Instrument :

BNA_F

ClientSampleId :

WC-1MSD



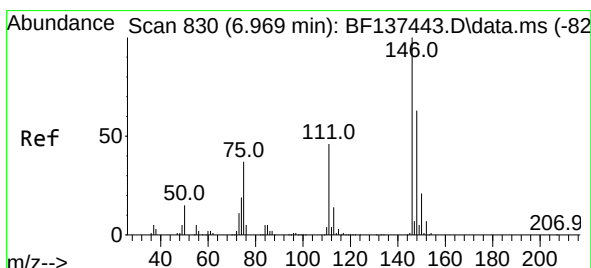
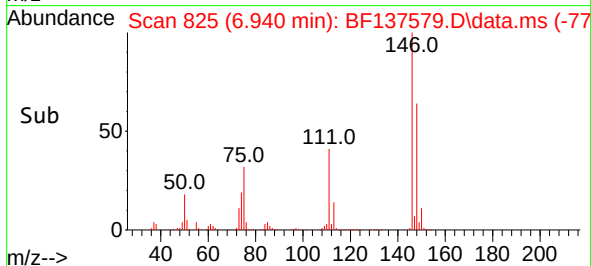
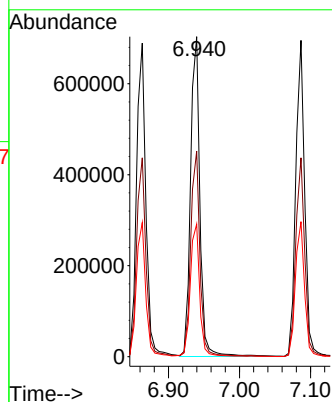
Tgt Ion:146 Resp: 640246

Ion Ratio Lower Upper

146 100

148 64.2 51.2 76.8

111 41.5 32.4 48.6



#14

1,2-Dichlorobenzene

Concen: 44.281 ng

RT: 7.087 min Scan# 850

Delta R.T. 0.012 min

Lab File: BF137579.D

Acq: 13 Mar 2024 16:21

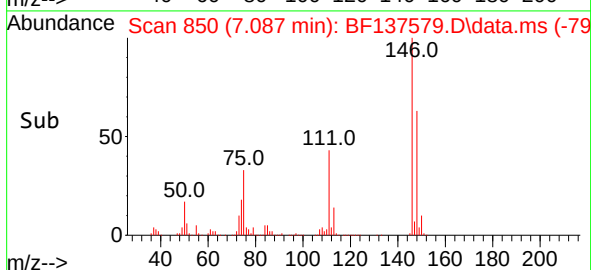
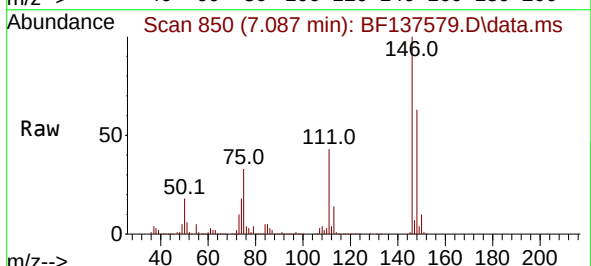
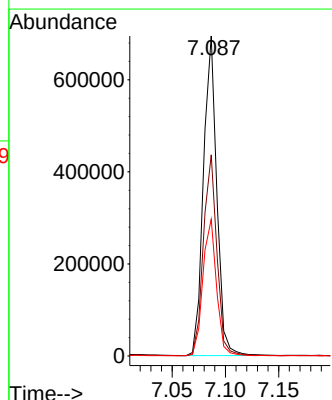
Tgt Ion:146 Resp: 607506

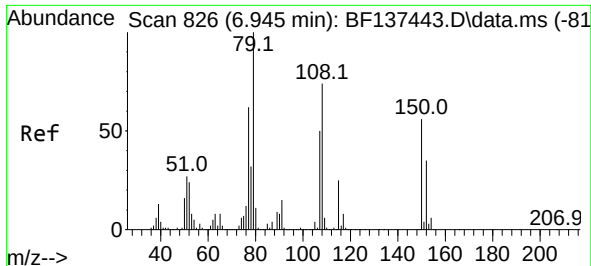
Ion Ratio Lower Upper

146 100

148 62.9 50.0 75.0

111 42.7 36.8 55.2

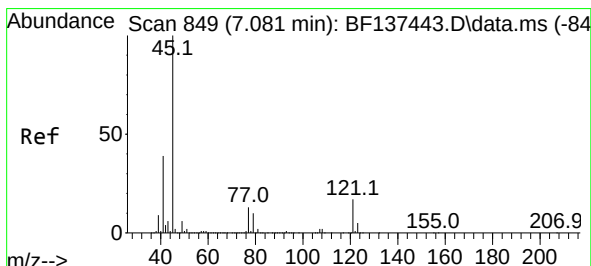
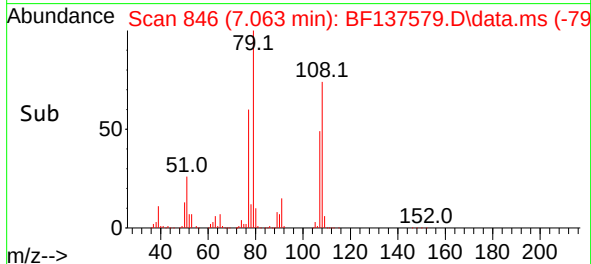
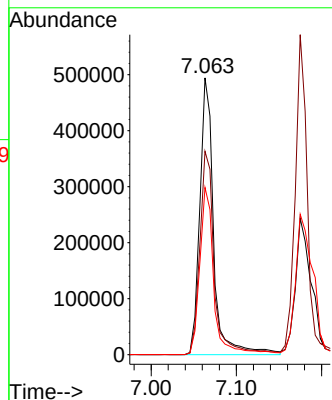
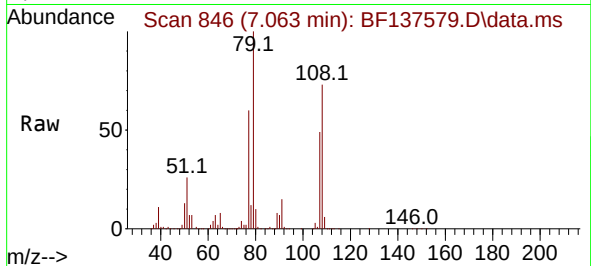




#15
Benzyl Alcohol
Concen: 47.944 ng
RT: 7.063 min Scan# 846
Delta R.T. 0.012 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

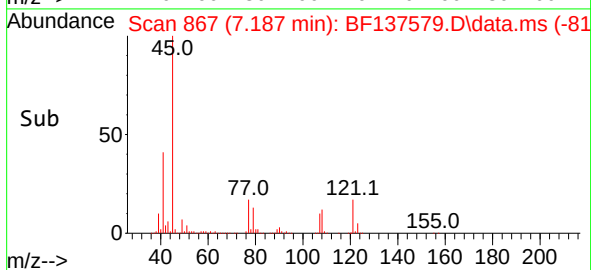
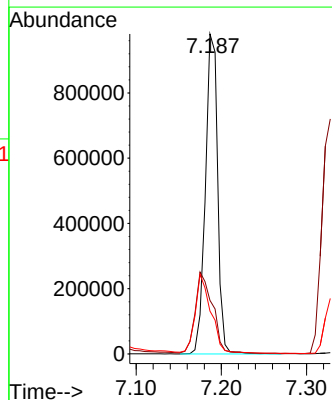
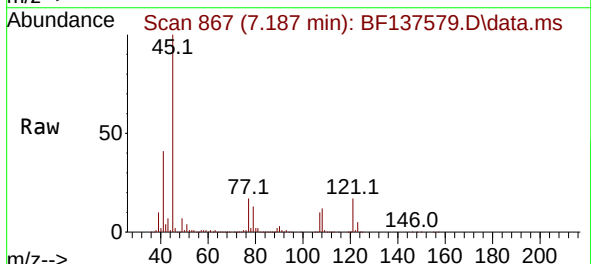
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

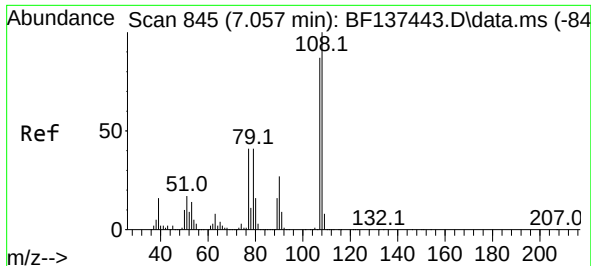
Tgt Ion: 79 Resp: 558440
Ion Ratio Lower Upper
79 100
108 73.5 59.5 89.3
77 60.4 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.570 ng
RT: 7.187 min Scan# 867
Delta R.T. 0.006 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

Tgt Ion: 45 Resp: 978379
Ion Ratio Lower Upper
45 100
77 16.8 0.0 33.4
79 13.4 0.0 30.9

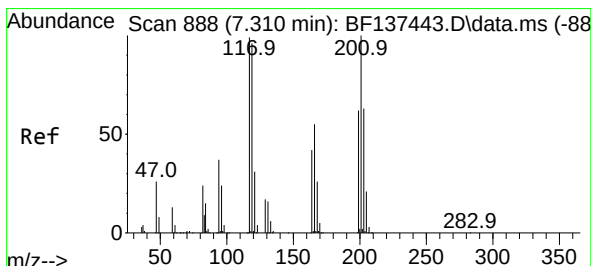
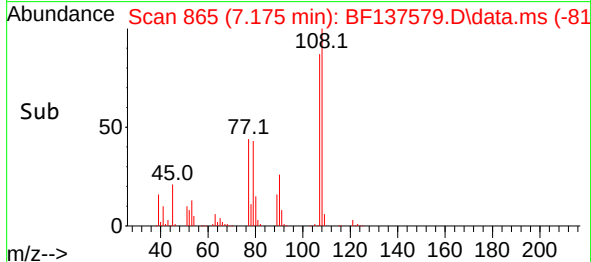
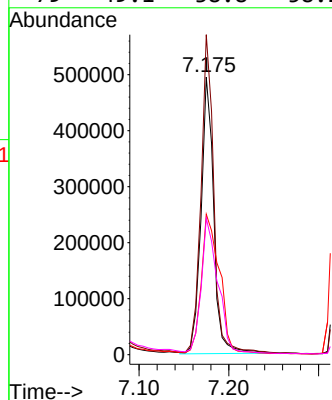
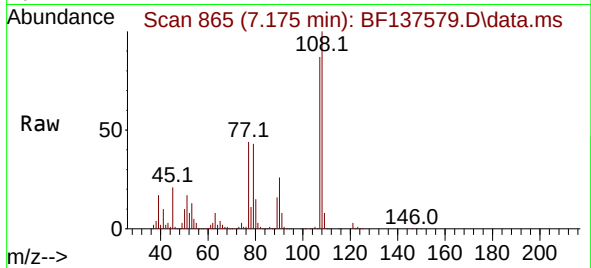




#17
2-Methylphenol
Concen: 38.052 ng
RT: 7.175 min Scan# 80
Delta R.T. 0.012 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

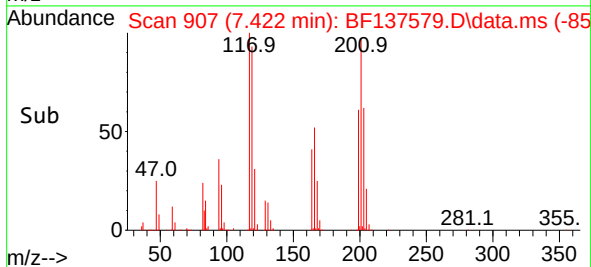
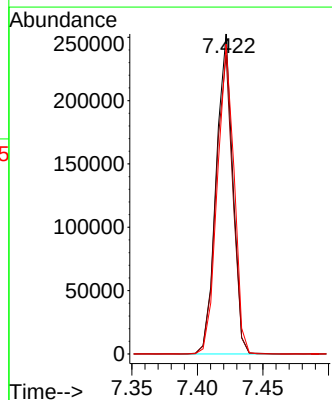
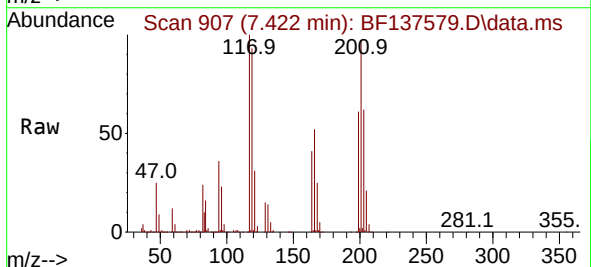
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

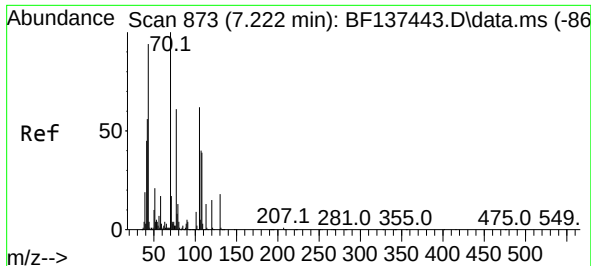
Tgt Ion:107 Resp: 486786
Ion Ratio Lower Upper
107 100
108 115.2 92.2 138.4
77 50.6 38.6 57.8
79 49.1 38.8 58.2



#18
Hexachloroethane
Concen: 44.933 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.012 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

Tgt Ion:117 Resp: 221144
Ion Ratio Lower Upper
117 100
119 93.3 77.5 116.3
201 96.8 80.6 121.0

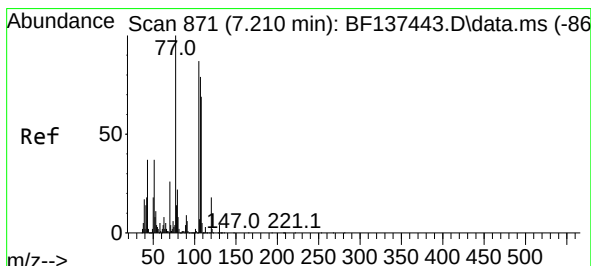
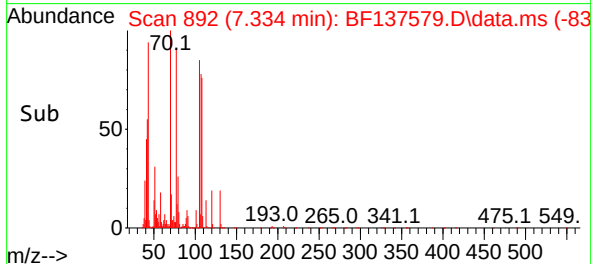
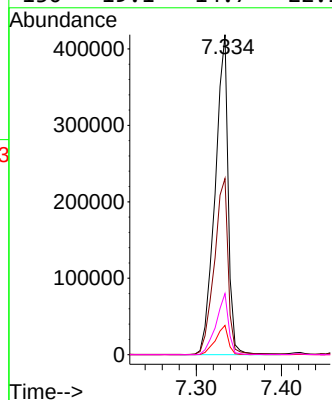
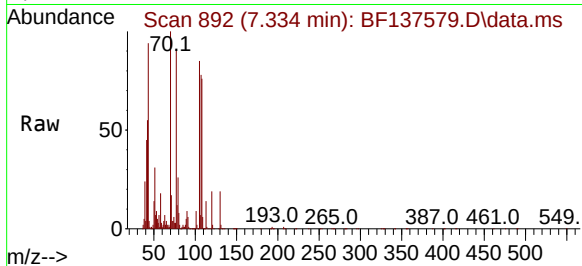




#19
n-Nitroso-di-n-propylamine
Concen: 38.625 ng
RT: 7.334 min Scan# 890
Delta R.T. 0.012 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

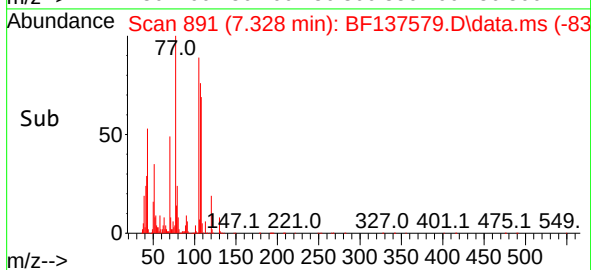
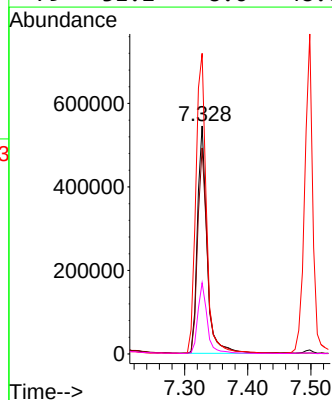
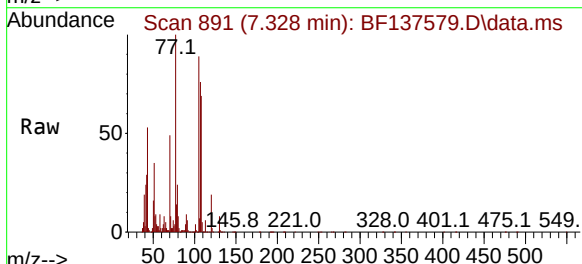
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

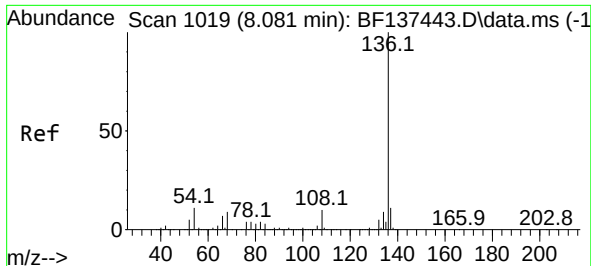
Tgt Ion:	70	Resp:	446253
Ion	Ratio	Lower	Upper
70	100		
42	55.0	45.2	67.8
101	9.2	7.3	10.9
130	19.1	14.7	22.1



#20
3+4-Methylphenols
Concen: 39.301 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.012 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

Tgt Ion:	107	Resp:	575802
Ion	Ratio	Lower	Upper
107	100		
108	90.4	67.6	107.6
77	131.9	107.1	147.1
79	31.2	8.6	48.6

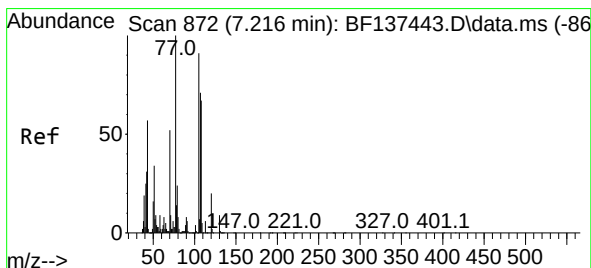
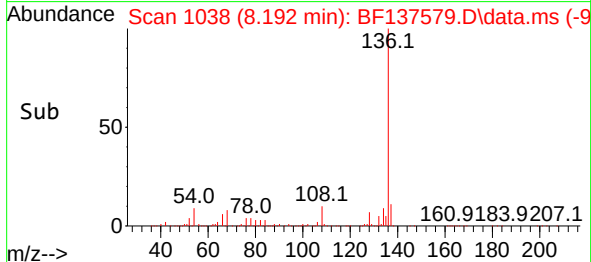
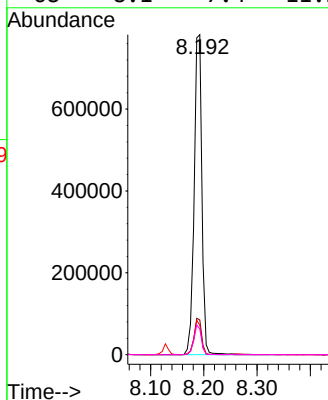
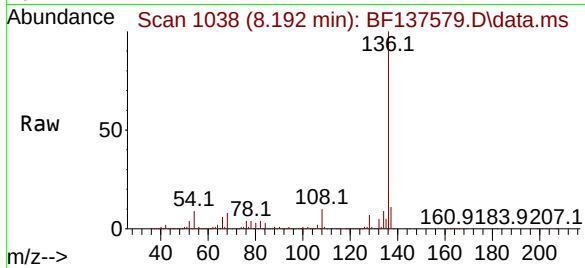




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1019
Delta R.T. 0.018 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

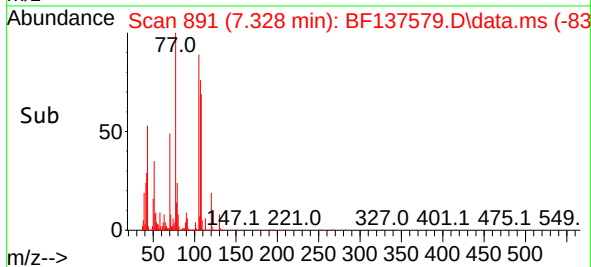
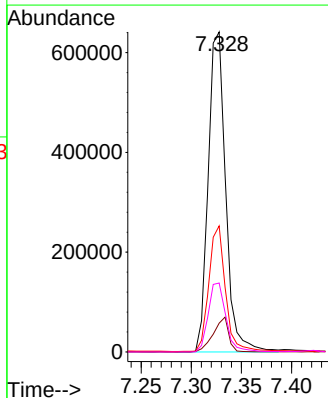
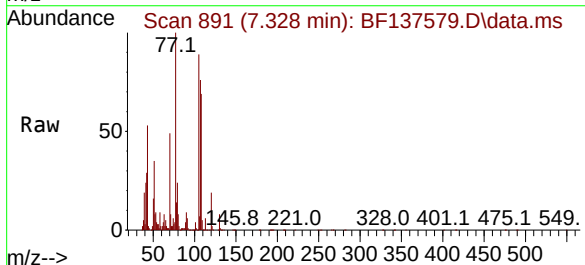
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

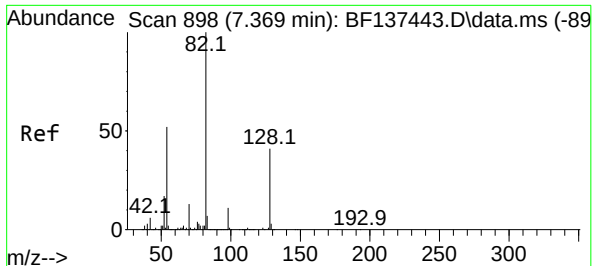
Tgt Ion:	136	Resp:	789766
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	9.2	8.5	12.7
68	8.1	7.4	11.2



#22
Acetophenone
Concen: 40.847 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.012 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

Tgt Ion:	105	Resp:	780523
Ion	Ratio	Lower	Upper
105	100		
71	9.0	7.7	11.5
51	39.4	30.4	45.6
120	21.5	17.4	26.0





#23

Nitrobenzene-d5

Concen: 50.171 ng

RT: 7.481 min Scan# 917

Delta R.T. 0.012 min

Lab File: BF137579.D

Acq: 13 Mar 2024 16:21

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

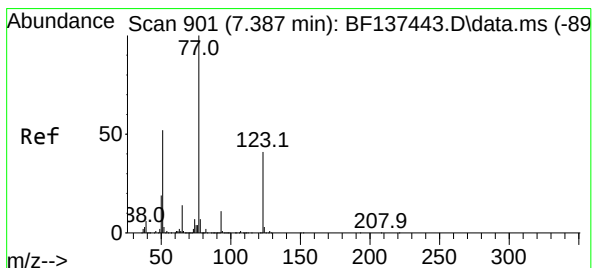
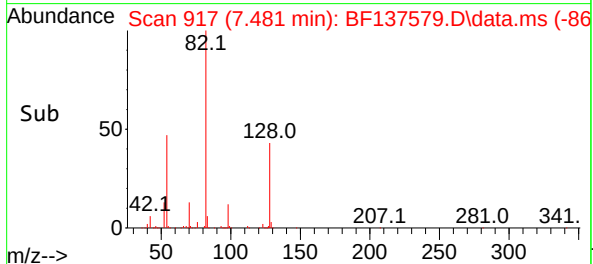
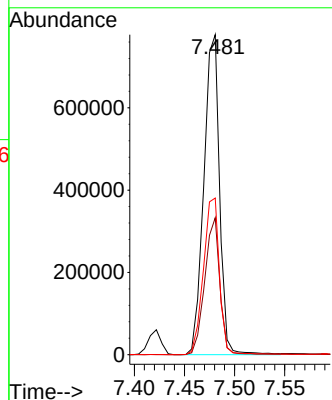
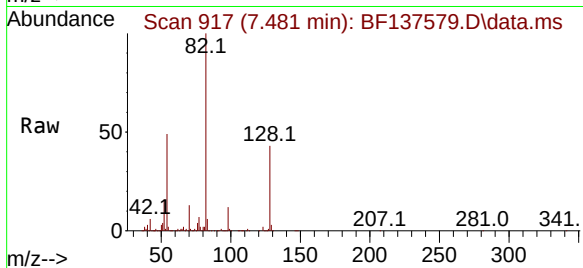
Tgt Ion: 82 Resp: 852766

Ion Ratio Lower Upper

82 100

128 42.8 32.5 48.7

54 49.0 41.5 62.3



#24

Nitrobenzene

Concen: 40.055 ng

RT: 7.498 min Scan# 920

Delta R.T. 0.012 min

Lab File: BF137579.D

Acq: 13 Mar 2024 16:21

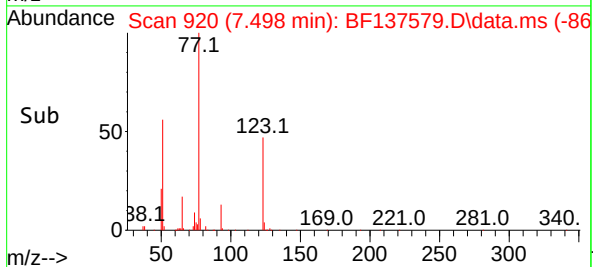
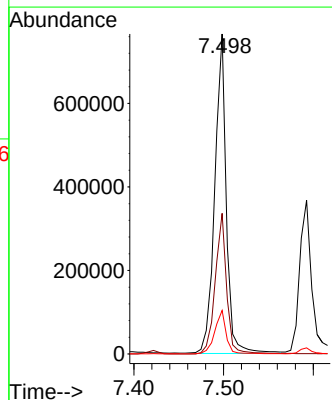
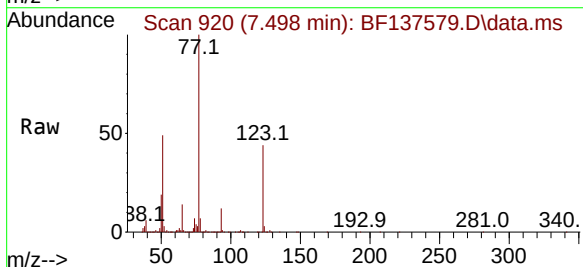
Tgt Ion: 77 Resp: 683920

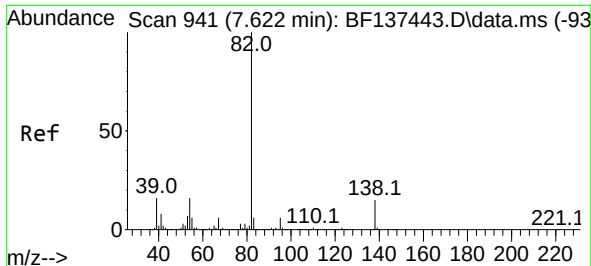
Ion Ratio Lower Upper

77 100

123 43.9 33.0 49.6

65 13.6 10.9 16.3

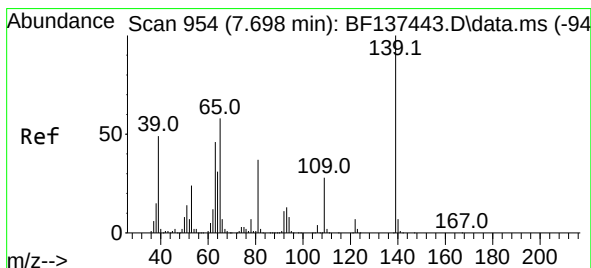
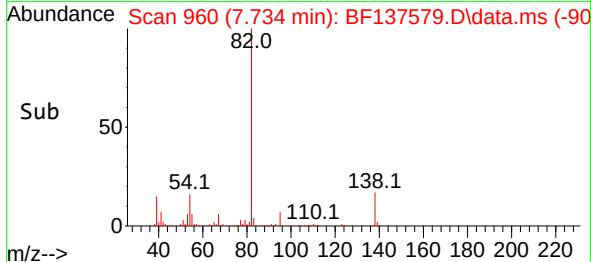
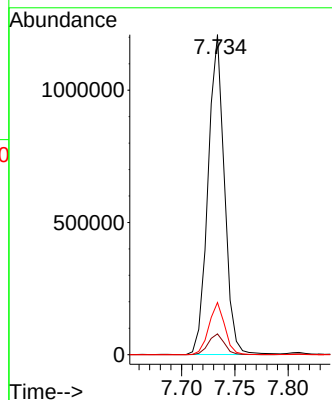
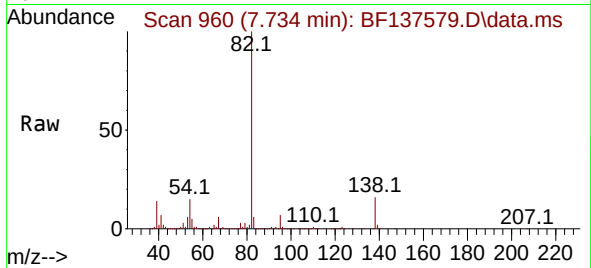




#25
Isophorone
Concen: 40.126 ng
RT: 7.734 min Scan# 90
Delta R.T. 0.012 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

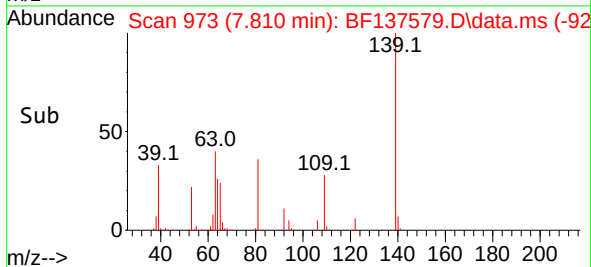
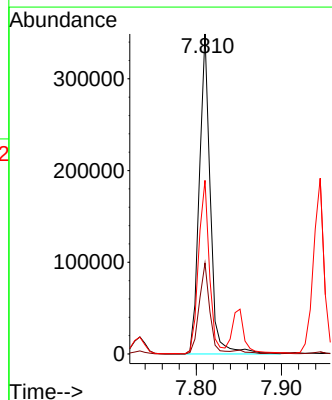
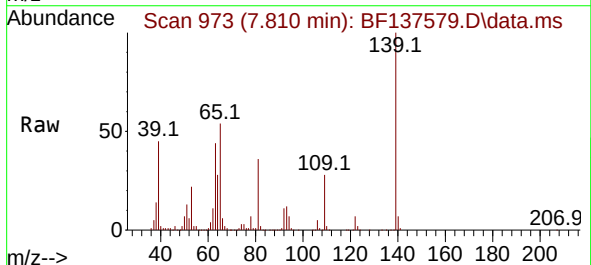
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

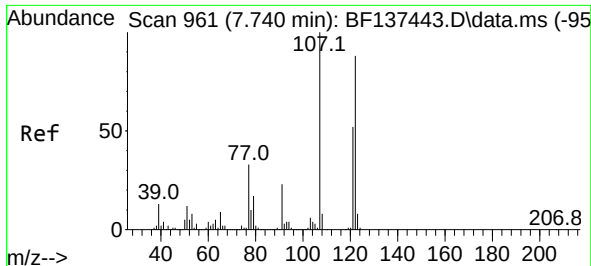
Tgt Ion: 82 Resp: 1295748
Ion Ratio Lower Upper
82 100
95 6.5 5.1 7.7
138 16.3 11.8 17.8



#26
2-Nitrophenol
Concen: 46.505 ng
RT: 7.810 min Scan# 973
Delta R.T. 0.012 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

Tgt Ion:139 Resp: 315255
Ion Ratio Lower Upper
139 100
109 28.4 22.2 33.4
65 54.2 46.2 69.2





#27

2,4-Dimethylphenol

Concen: 33.998 ng

RT: 7.851 min Scan# 991

Delta R.T. 0.012 min

Lab File: BF137579.D

Acq: 13 Mar 2024 16:21

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

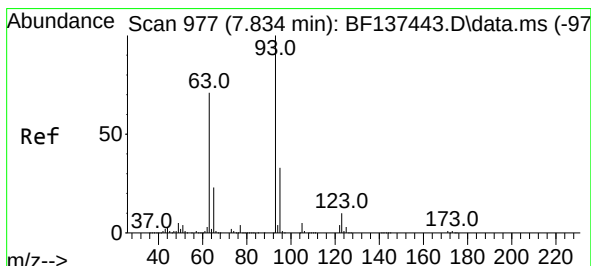
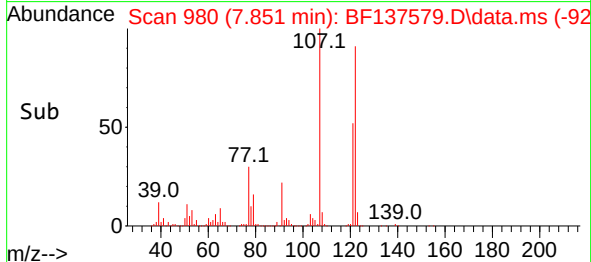
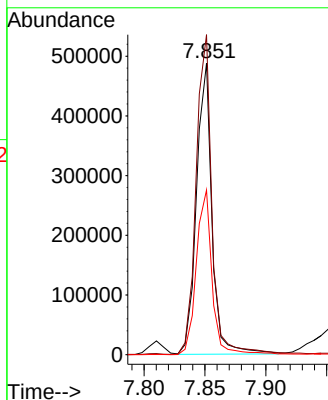
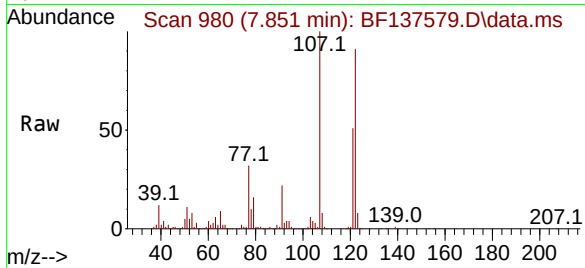
Tgt Ion:122 Resp: 430639

Ion Ratio Lower Upper

122 100

107 109.8 90.9 136.3

121 56.5 47.0 70.6



#28

bis(2-Chloroethoxy)methane

Concen: 41.438 ng

RT: 7.945 min Scan# 996

Delta R.T. 0.012 min

Lab File: BF137579.D

Acq: 13 Mar 2024 16:21

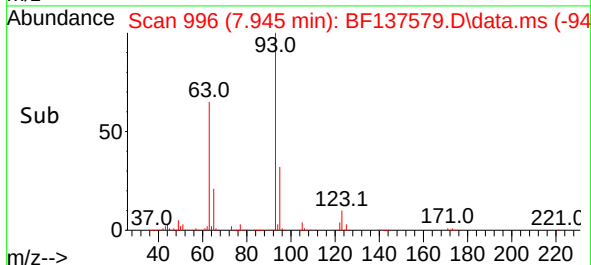
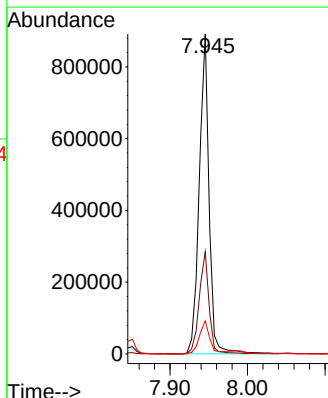
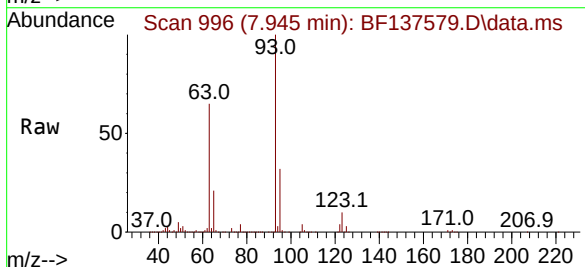
Tgt Ion: 93 Resp: 785107

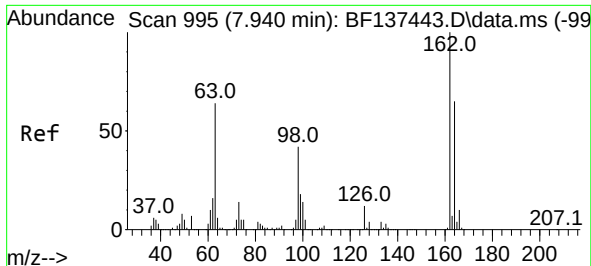
Ion Ratio Lower Upper

93 100

95 32.0 26.5 39.7

123 10.4 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 43.415 ng

RT: 8.051 min Scan# 1014

Delta R.T. 0.012 min

Lab File: BF137579.D

Acq: 13 Mar 2024 16:21

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

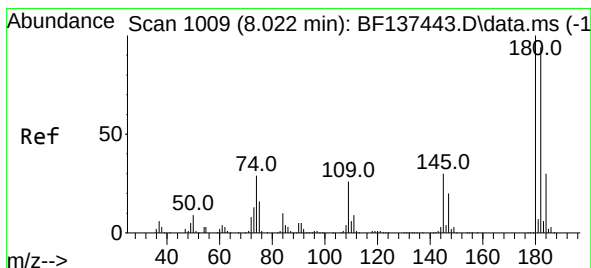
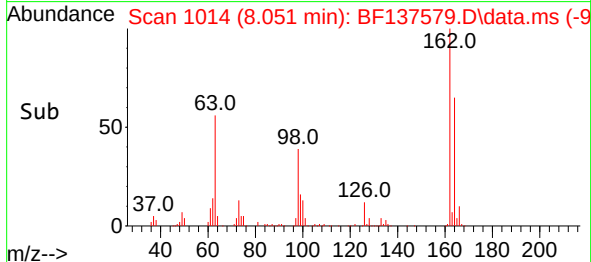
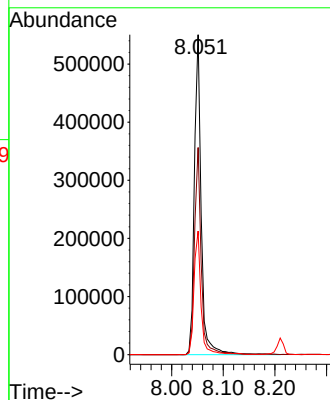
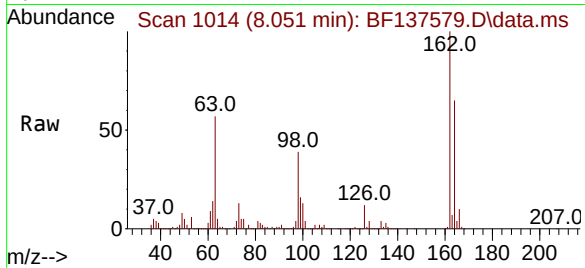
Tgt Ion:162 Resp: 504703

Ion Ratio Lower Upper

162 100

164 64.8 44.7 84.7

98 38.6 22.0 62.0



#30

1,2,4-Trichlorobenzene

Concen: 43.022 ng

RT: 8.134 min Scan# 1028

Delta R.T. 0.018 min

Lab File: BF137579.D

Acq: 13 Mar 2024 16:21

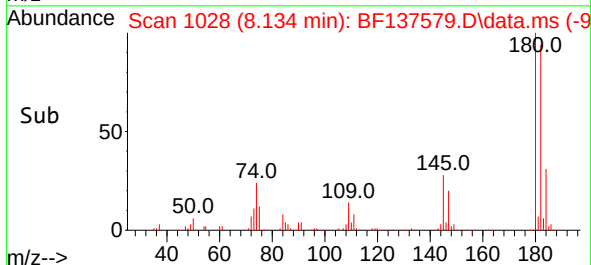
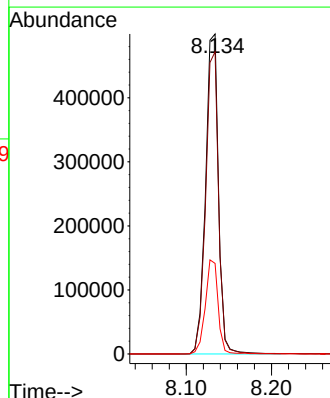
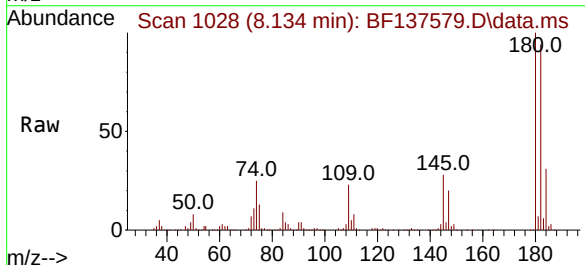
Tgt Ion:180 Resp: 526308

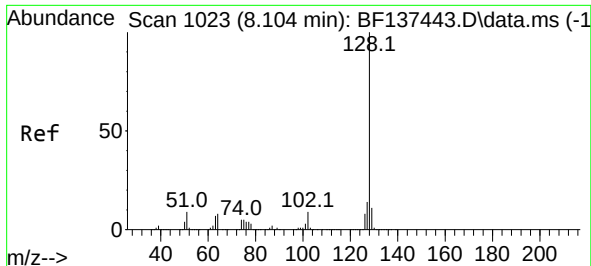
Ion Ratio Lower Upper

180 100

182 94.5 75.0 112.6

145 28.3 23.7 35.5

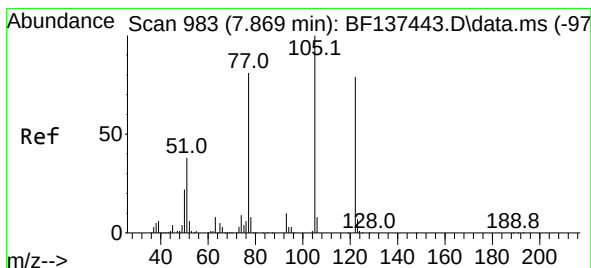
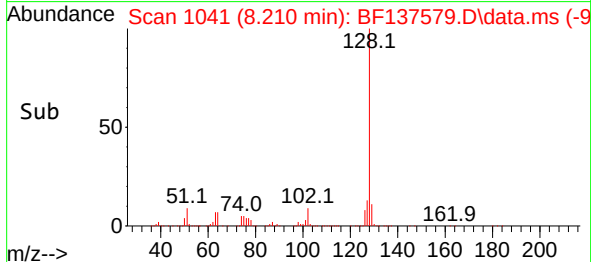
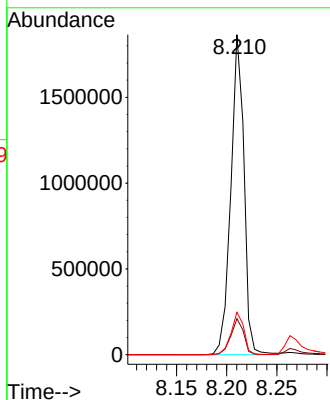
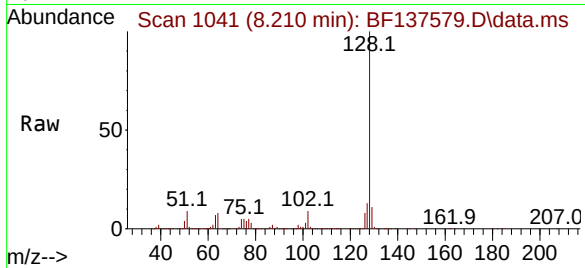




#31
Naphthalene
Concen: 40.195 ng
RT: 8.210 min Scan# 10
Delta R.T. 0.012 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

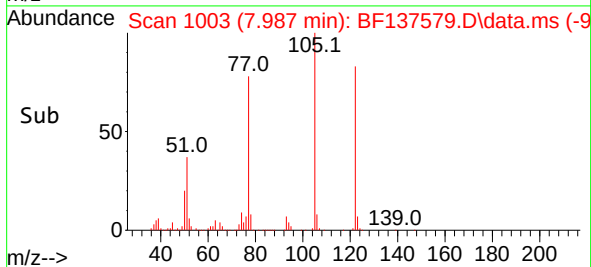
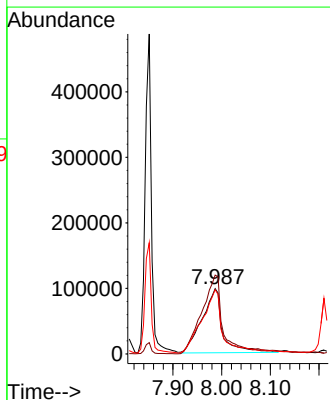
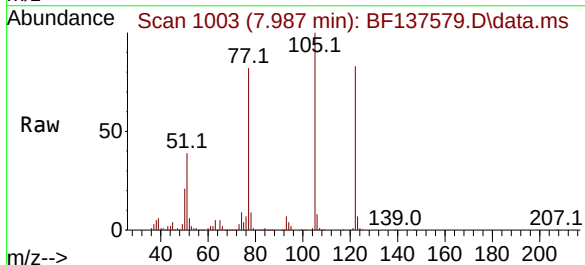
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

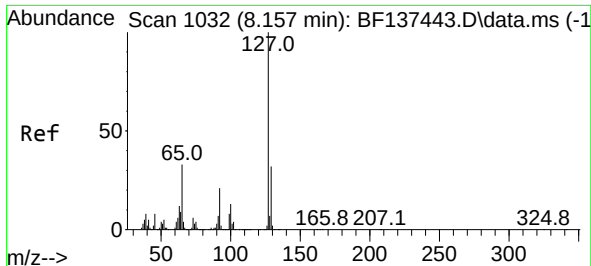
Tgt Ion:128 Resp: 1703194
Ion Ratio Lower Upper
128 100
129 11.2 9.2 13.8
127 13.3 10.8 16.2



#32
Benzoic acid
Concen: 40.750 ng
RT: 7.987 min Scan# 1003
Delta R.T. 0.006 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

Tgt Ion:122 Resp: 289257
Ion Ratio Lower Upper
122 100
105 120.7 102.4 142.4
77 98.5 81.1 121.1

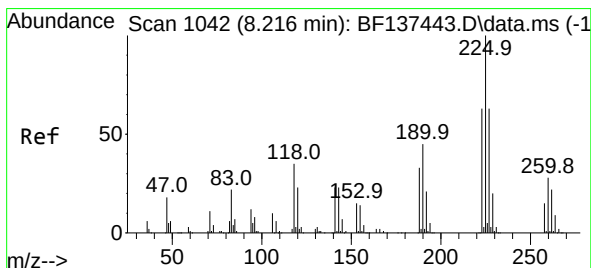
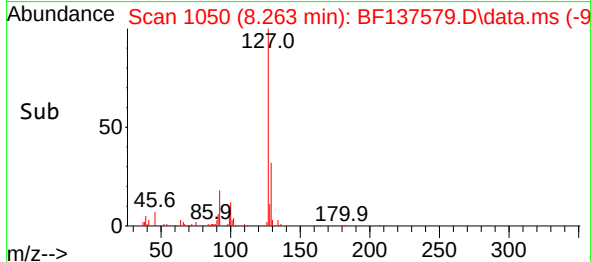
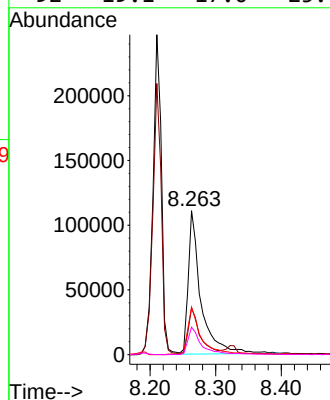
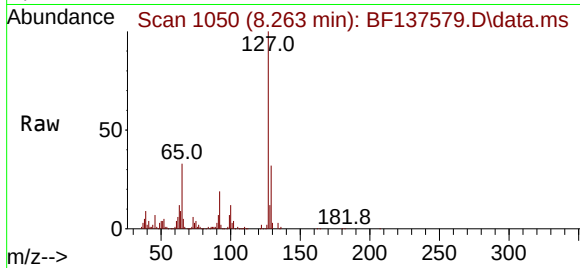




#33
4-Chloroaniline
Concen: 8.875 ng
RT: 8.263 min Scan# 1050
Delta R.T. 0.012 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

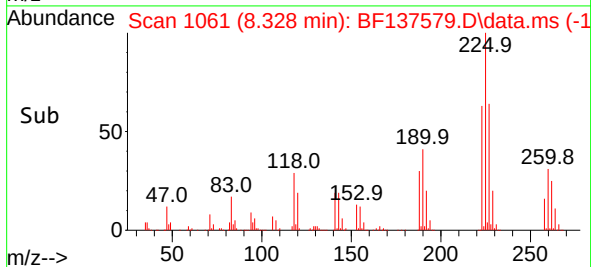
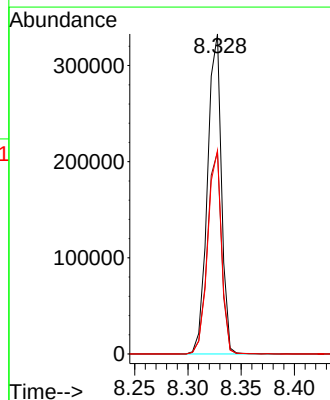
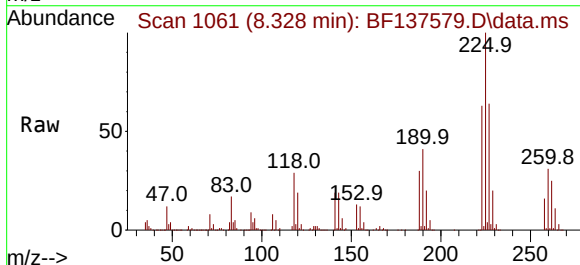
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

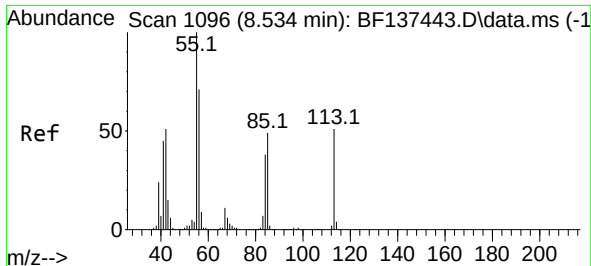
Tgt Ion:127	Resp: 147465
Ion Ratio	Lower Upper
127 100	
129 32.4	26.0 39.0
65 33.0	26.8 40.2
92 19.1	17.0 25.6



#34
Hexachlorobutadiene
Concen: 42.068 ng
RT: 8.328 min Scan# 1061
Delta R.T. 0.018 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

Tgt	Ion:225	Resp:	303832
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.7	76.1
227	63.6	50.6	75.8

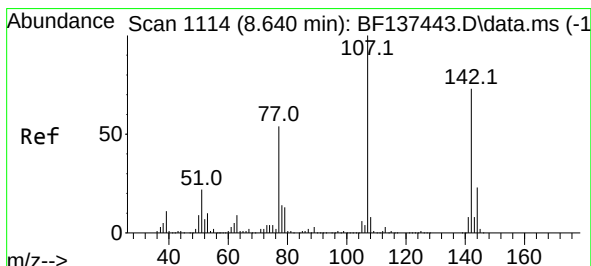
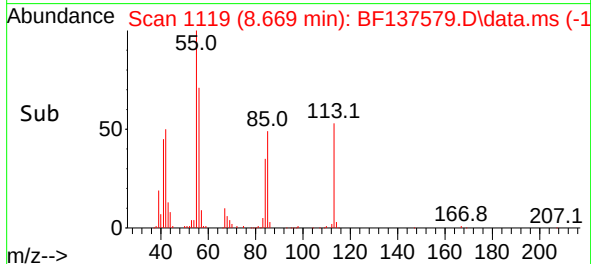
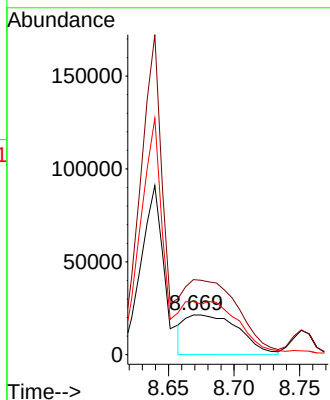
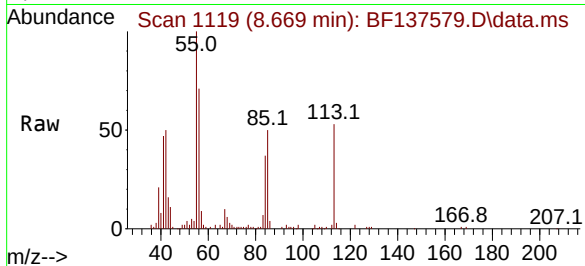




#35
 Caprolactam
 Concen: 15.513 ng
 RT: 8.669 min Scan# 1119
 Delta R.T. 0.029 min
 Lab File: BF137579.D
 Acq: 13 Mar 2024 16:21

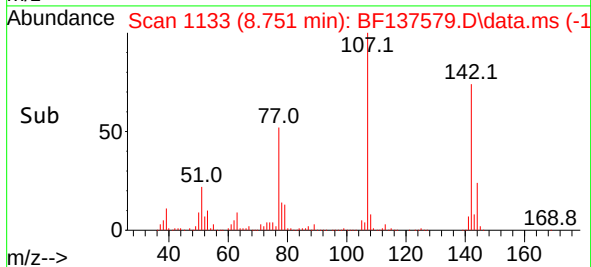
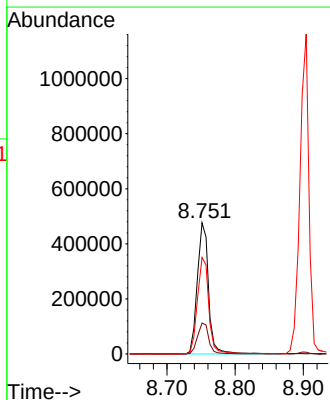
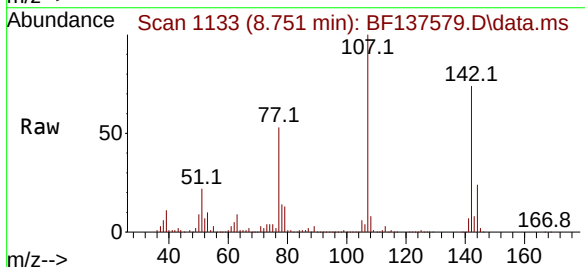
Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

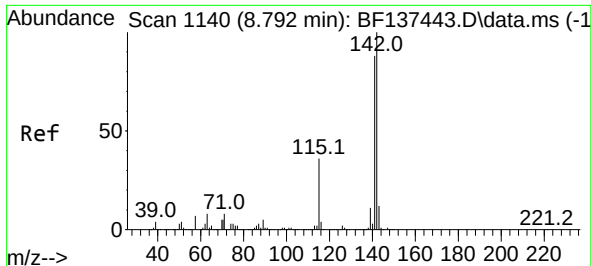
Tgt Ion:113 Resp: 61150
 Ion Ratio Lower Upper
 113 100
 55 188.8 176.7 216.7
 56 133.7 120.6 160.6



#36
 4-Chloro-3-methylphenol
 Concen: 41.930 ng
 RT: 8.751 min Scan# 1133
 Delta R.T. 0.012 min
 Lab File: BF137579.D
 Acq: 13 Mar 2024 16:21

Tgt Ion:107 Resp: 544852
 Ion Ratio Lower Upper
 107 100
 144 23.6 18.7 28.1
 142 73.6 58.2 87.2





#37

2-Methylnaphthalene

Concen: 39.637 ng

RT: 8.904 min Scan# 1140

Delta R.T. 0.012 min

Lab File: BF137579.D

Acq: 13 Mar 2024 16:21

Instrument :

BNA_F

ClientSampleId :

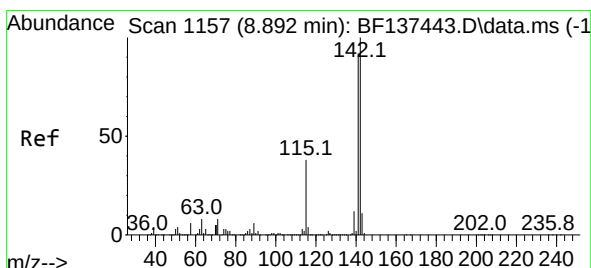
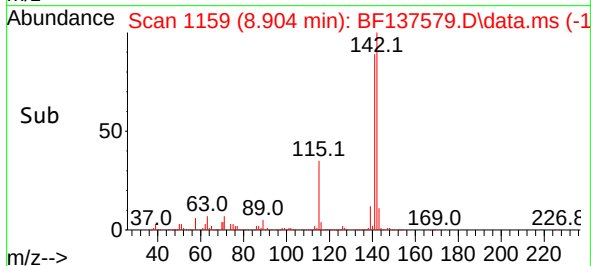
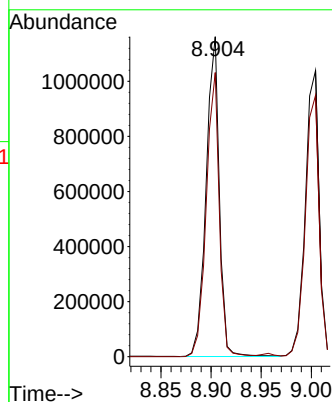
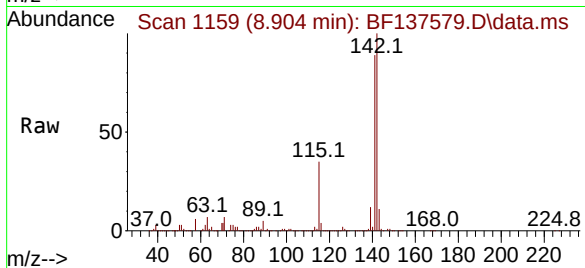
WC-1MSD

Tgt Ion:142 Resp: 1070703

Ion Ratio Lower Upper

142 100

141 88.8 70.4 105.6



#38

1-Methylnaphthalene

Concen: 38.819 ng

RT: 9.004 min Scan# 1176

Delta R.T. 0.018 min

Lab File: BF137579.D

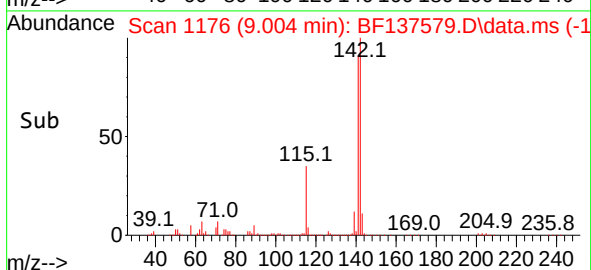
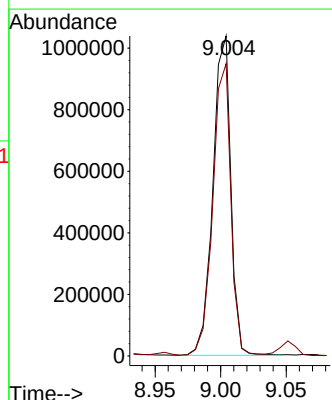
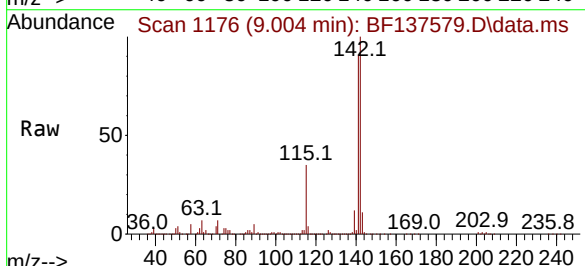
Acq: 13 Mar 2024 16:21

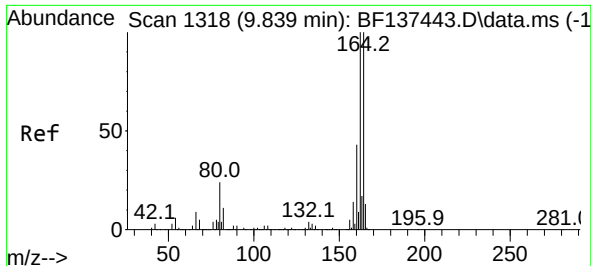
Tgt Ion:142 Resp: 987530

Ion Ratio Lower Upper

142 100

141 91.4 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.945 min Scan# 1187

Delta R.T. 0.012 min

Lab File: BF137579.D

Acq: 13 Mar 2024 16:21

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

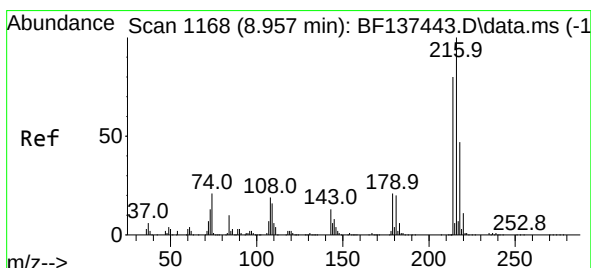
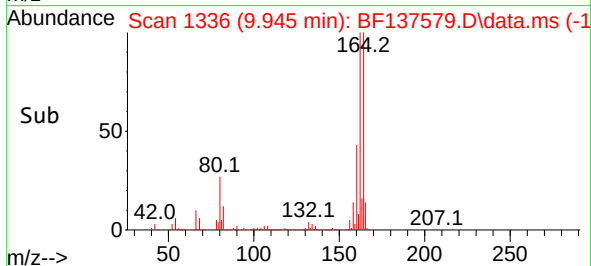
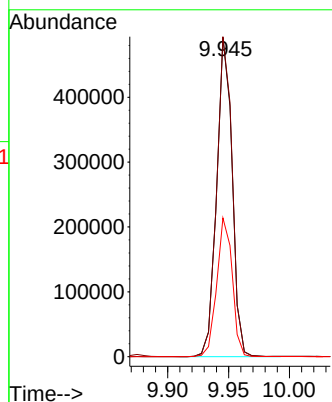
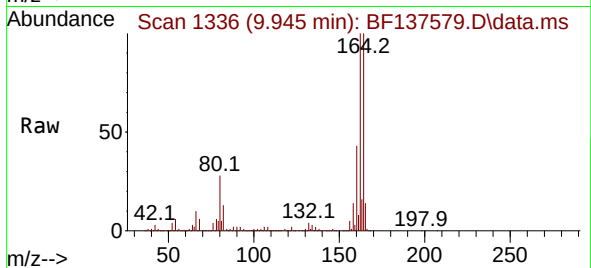
Tgt Ion:164 Resp: 436022

Ion Ratio Lower Upper

164 100

162 100.3 79.8 119.8

160 43.5 34.4 51.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.494 ng

RT: 9.069 min Scan# 1187

Delta R.T. 0.012 min

Lab File: BF137579.D

Acq: 13 Mar 2024 16:21

Tgt Ion:216 Resp: 517268

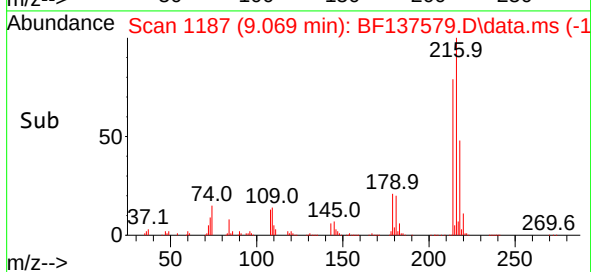
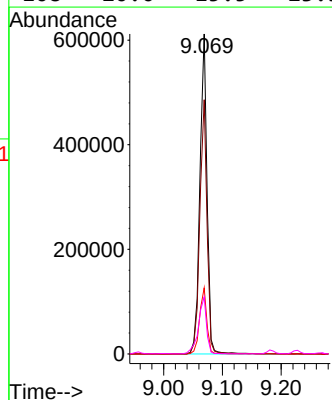
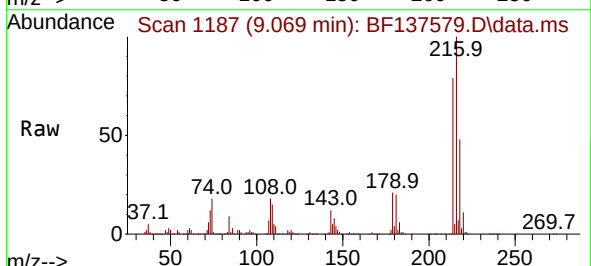
Ion Ratio Lower Upper

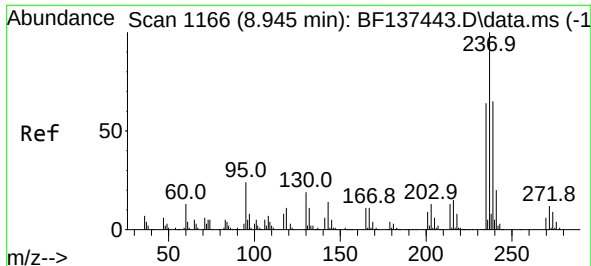
216 100

214 79.9 63.5 95.3

179 21.0 16.6 25.0

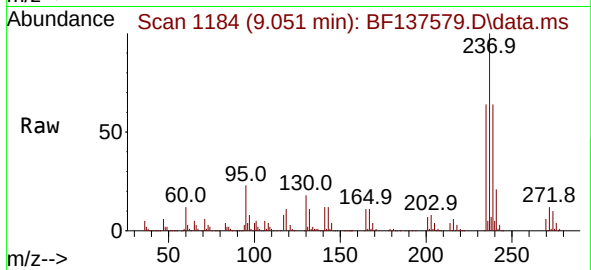
108 20.0 15.5 23.3



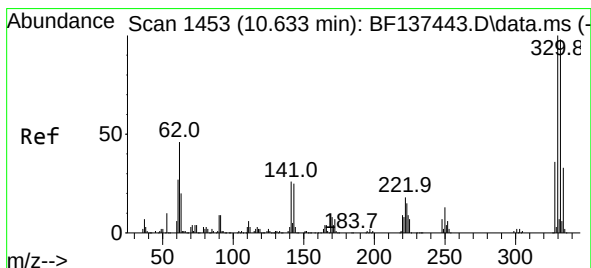
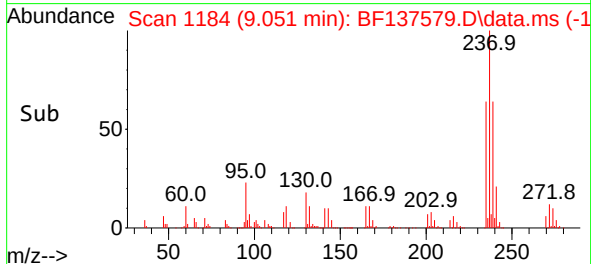
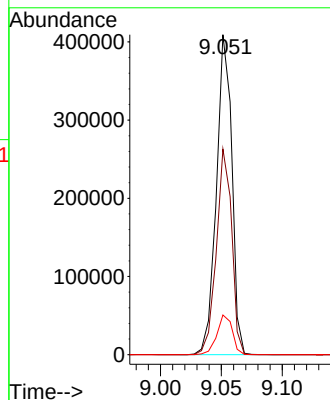


#41
Hexachlorocyclopentadiene
Concen: 73.402 ng
RT: 9.051 min Scan# 1166
Delta R.T. 0.012 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

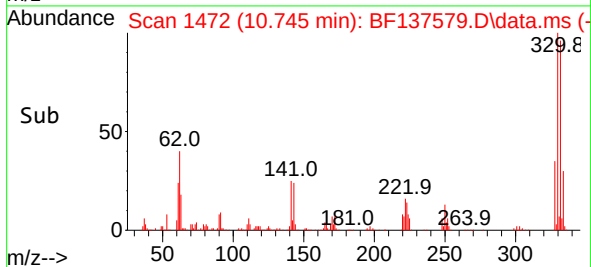
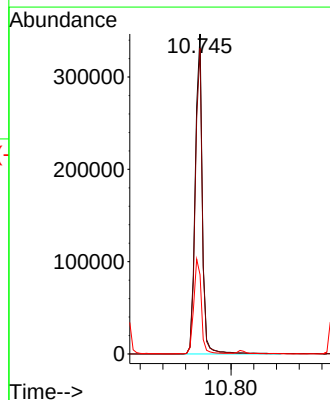
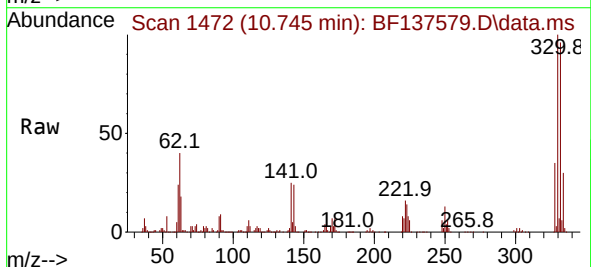


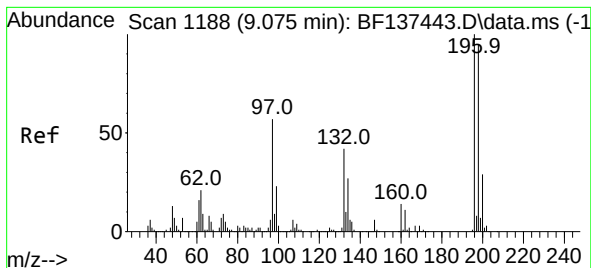
Tgt Ion:237 Resp: 360865
Ion Ratio Lower Upper
237 100
235 64.3 43.6 83.6
272 12.4 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 78.576 ng
RT: 10.745 min Scan# 1472
Delta R.T. 0.012 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

Tgt Ion:330 Resp: 300869
Ion Ratio Lower Upper
330 100
332 94.3 78.0 117.0
141 31.4 27.3 40.9





#43

2,4,6-Trichlorophenol

Concen: 43.618 ng

RT: 9.181 min Scan# 1188

Delta R.T. 0.012 min

Lab File: BF137579.D

Acq: 13 Mar 2024 16:21

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

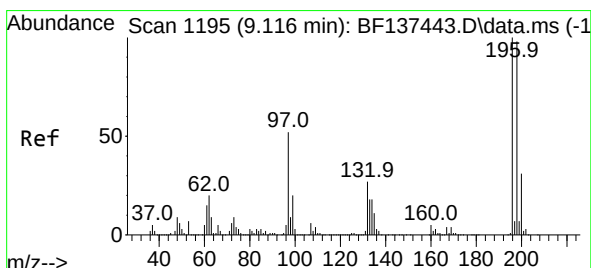
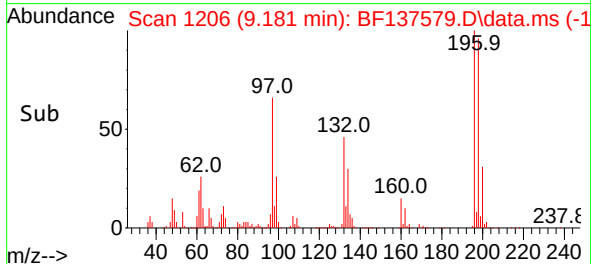
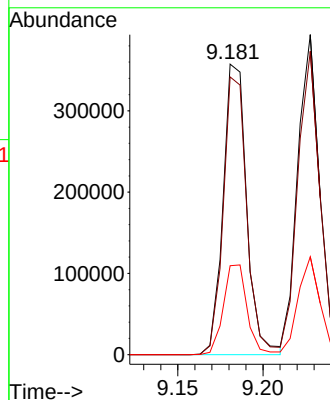
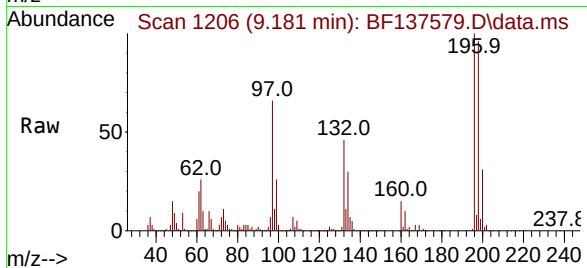
Tgt Ion:196 Resp: 345752

Ion Ratio Lower Upper

196 100

198 95.6 75.8 113.8

200 30.6 23.5 35.3



#44

2,4,5-Trichlorophenol

Concen: 40.556 ng

RT: 9.228 min Scan# 1214

Delta R.T. 0.018 min

Lab File: BF137579.D

Acq: 13 Mar 2024 16:21

Tgt Ion:196 Resp: 370328

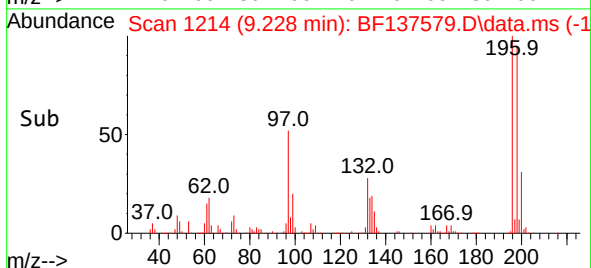
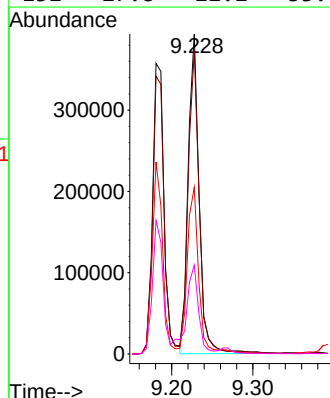
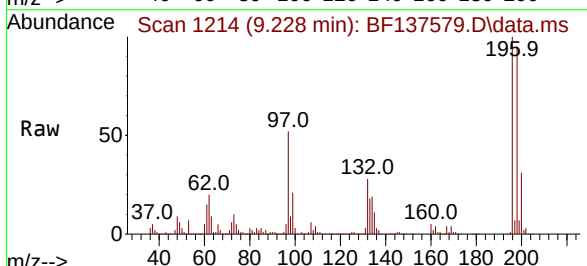
Ion Ratio Lower Upper

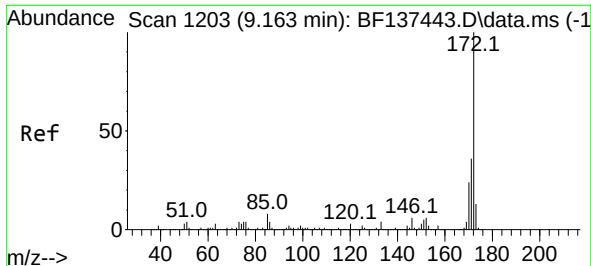
196 100

198 94.8 78.6 117.8

97 52.1 41.8 62.8

132 27.8 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 50.120 ng

RT: 9.269 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF137579.D

Acq: 13 Mar 2024 16:21

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

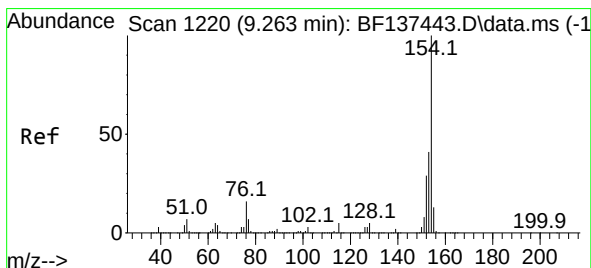
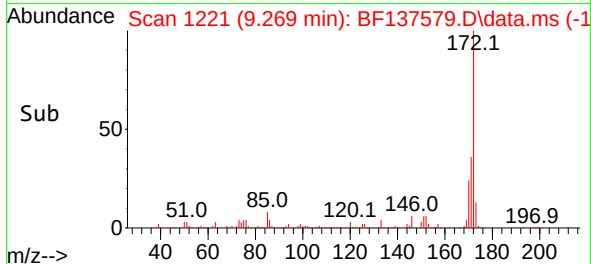
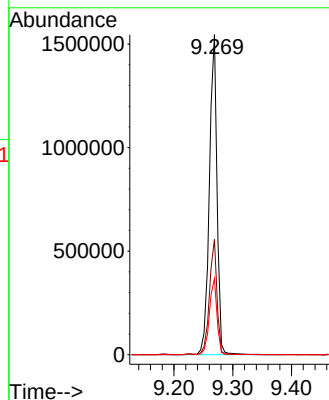
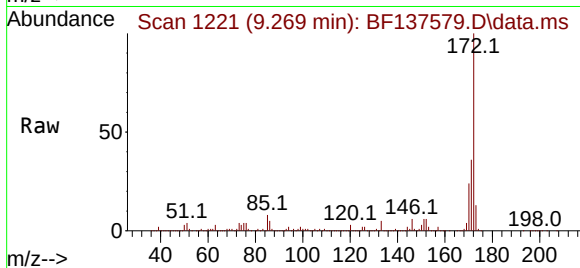
Tgt Ion:172 Resp: 1396074

Ion Ratio Lower Upper

172 100

171 36.1 28.5 42.7

170 23.8 19.0 28.6



#46

1,1'-Biphenyl

Concen: 41.119 ng

RT: 9.369 min Scan# 1238

Delta R.T. 0.012 min

Lab File: BF137579.D

Acq: 13 Mar 2024 16:21

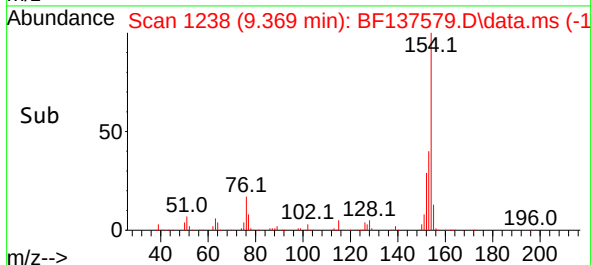
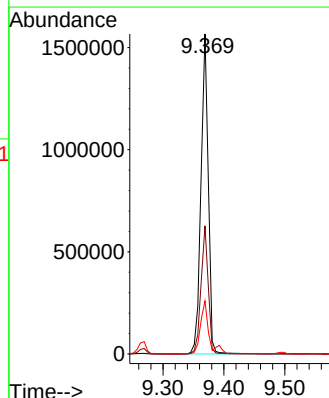
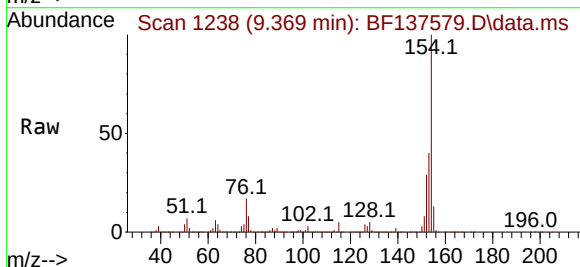
Tgt Ion:154 Resp: 1312238

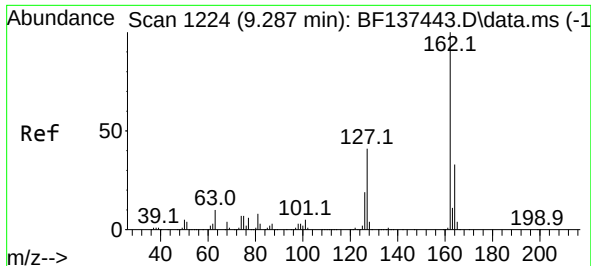
Ion Ratio Lower Upper

154 100

153 40.1 21.0 61.0

76 16.6 0.0 35.8





#47

2-Chloronaphthalene

Concen: 40.827 ng

RT: 9.392 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF137579.D

Acq: 13 Mar 2024 16:21

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

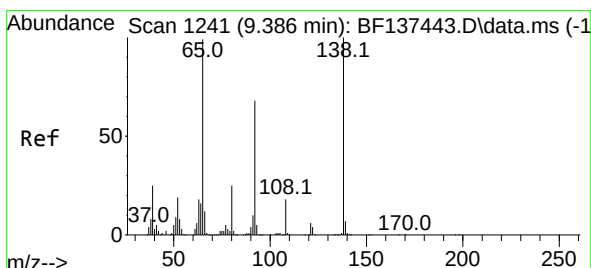
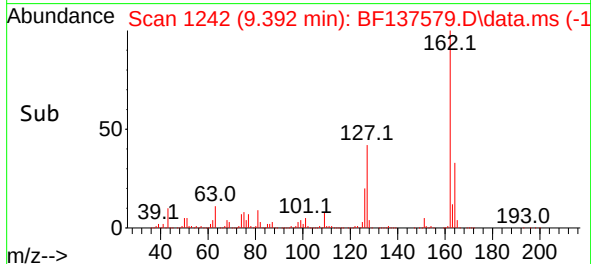
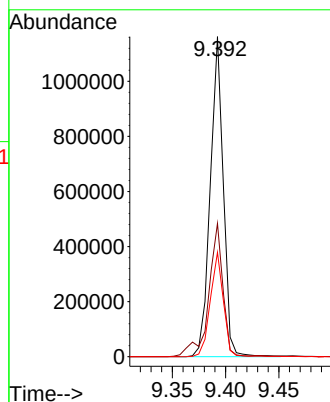
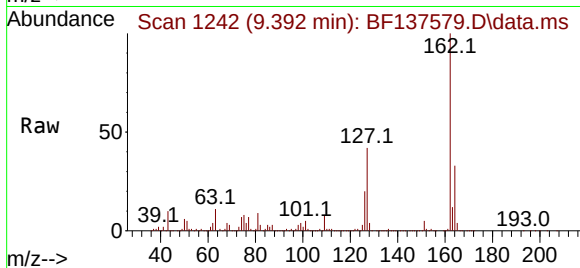
Tgt Ion:162 Resp: 993363

Ion Ratio Lower Upper

162 100

127 41.6 32.6 49.0

164 32.6 26.5 39.7



#48

2-Nitroaniline

Concen: 43.090 ng

RT: 9.492 min Scan# 1259

Delta R.T. 0.012 min

Lab File: BF137579.D

Acq: 13 Mar 2024 16:21

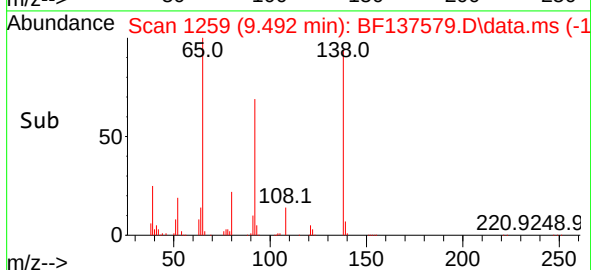
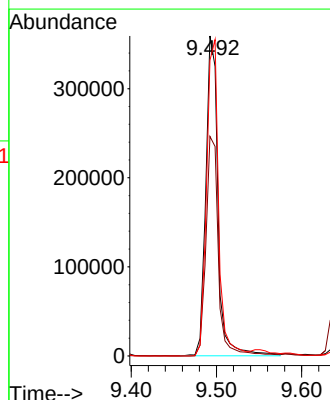
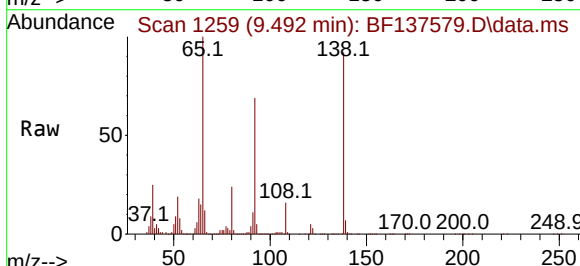
Tgt Ion: 65 Resp: 356350

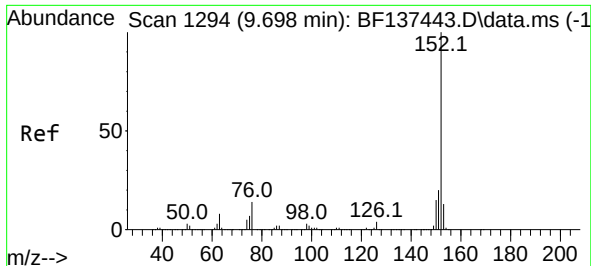
Ion Ratio Lower Upper

65 100

92 68.6 55.4 83.2

138 92.4 81.0 121.6





#49

Acenaphthylene

Concen: 41.777 ng

RT: 9.810 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF137579.D

Acq: 13 Mar 2024 16:21

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

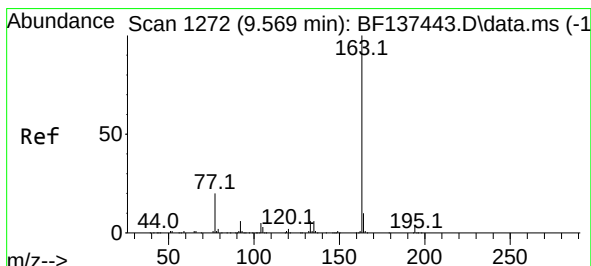
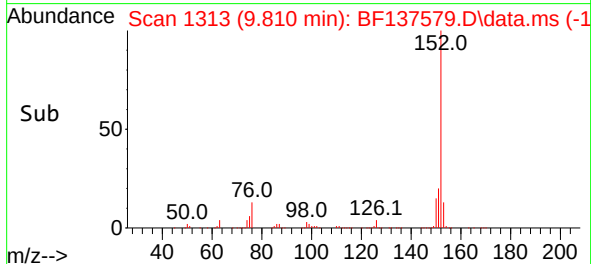
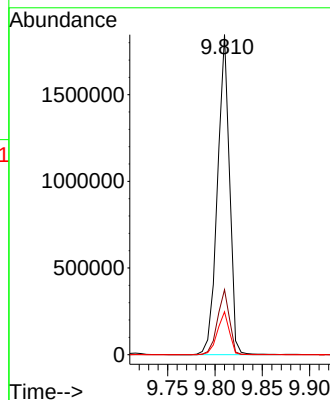
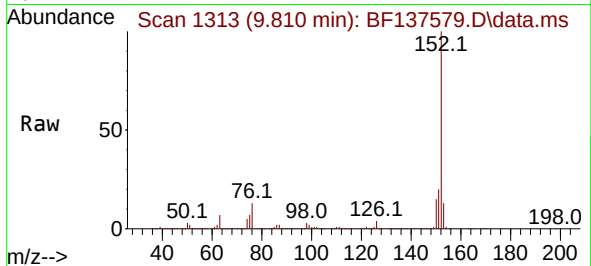
Tgt Ion:152 Resp: 1626701

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.4

153 13.4 10.8 16.2



#50

Dimethylphthalate

Concen: 41.451 ng

RT: 9.681 min Scan# 1291

Delta R.T. 0.012 min

Lab File: BF137579.D

Acq: 13 Mar 2024 16:21

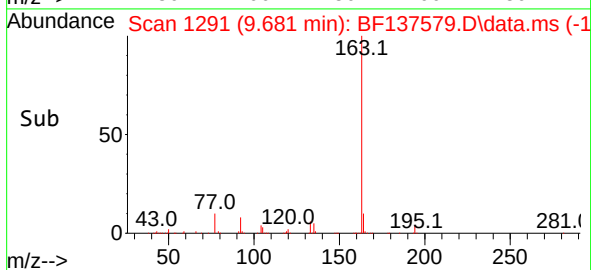
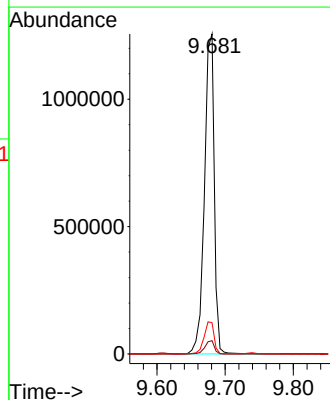
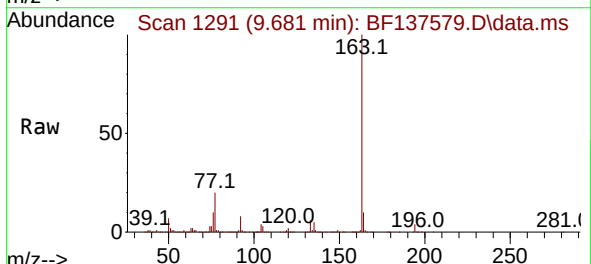
Tgt Ion:163 Resp: 1258142

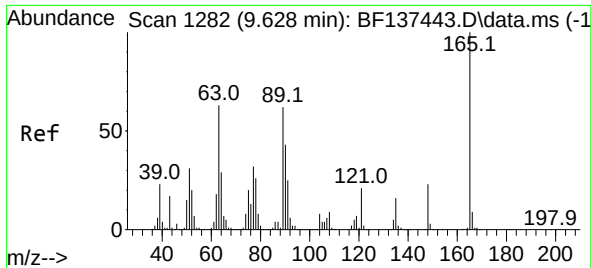
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 9.7 8.1 12.1

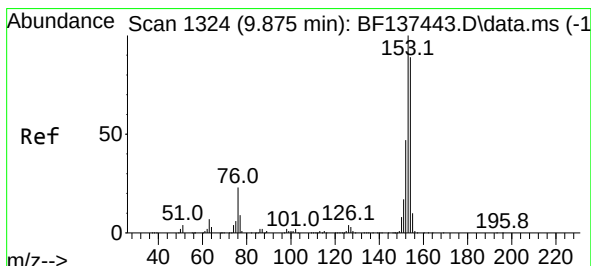
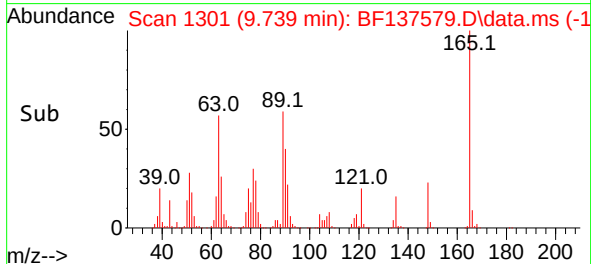
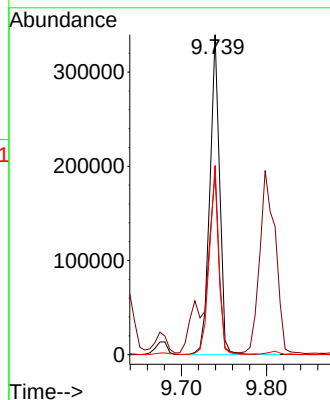
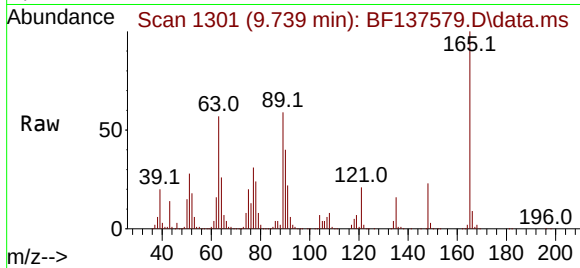




#51
2,6-Dinitrotoluene
Concen: 42.724 ng
RT: 9.739 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

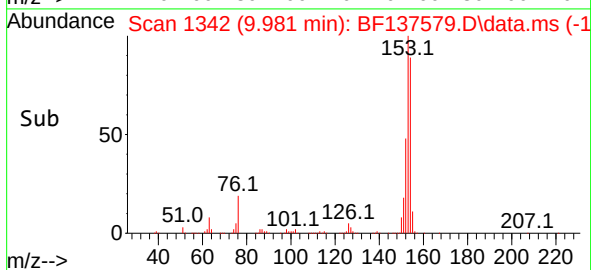
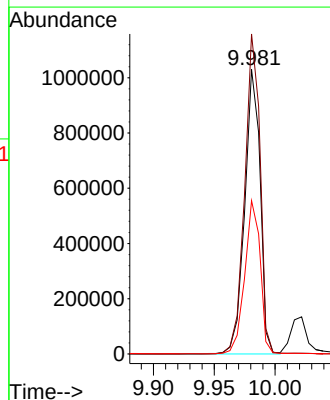
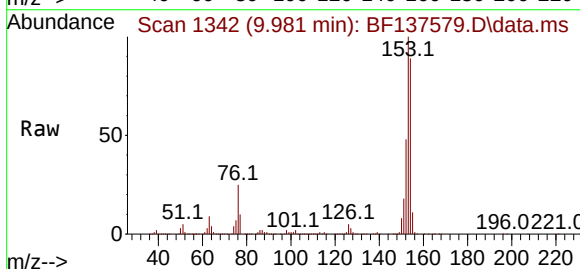
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

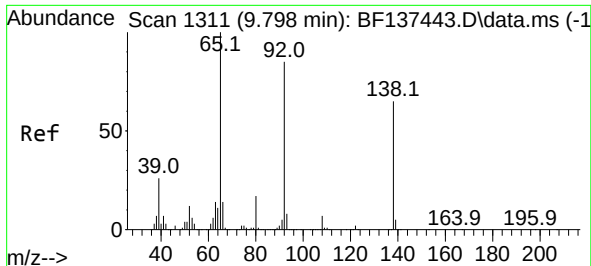
Tgt Ion:165 Resp: 271230
Ion Ratio Lower Upper
165 100
63 56.8 50.7 76.1
89 59.1 50.0 75.0



#52
Acenaphthene
Concen: 39.209 ng
RT: 9.981 min Scan# 1342
Delta R.T. 0.012 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

Tgt Ion:154 Resp: 911468
Ion Ratio Lower Upper
154 100
153 112.5 90.3 135.5
152 53.9 42.7 64.1

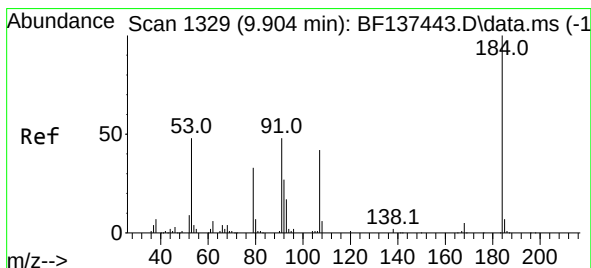
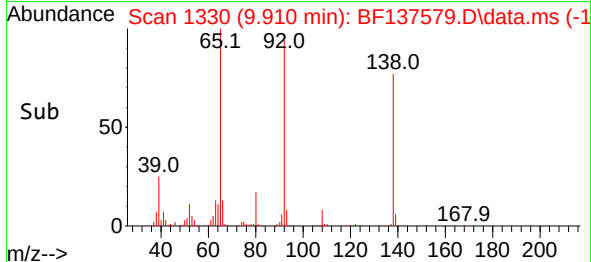
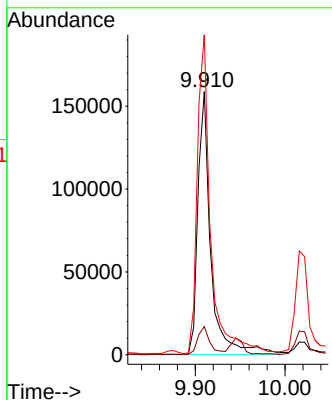
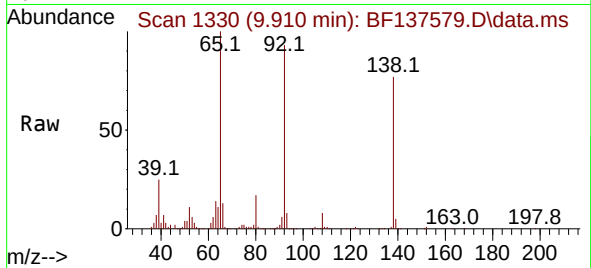




#53
3-Nitroaniline
Concen: 23.513 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

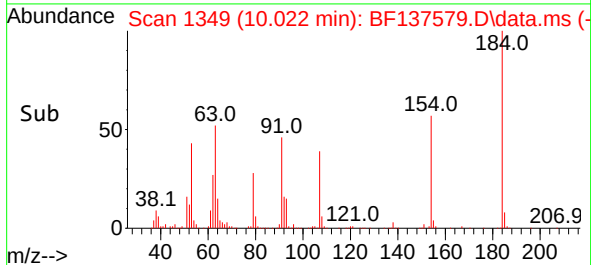
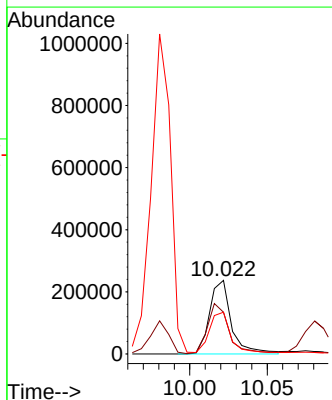
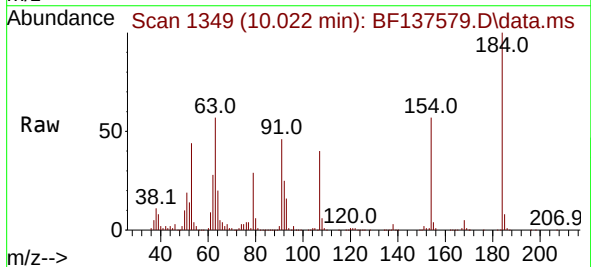
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

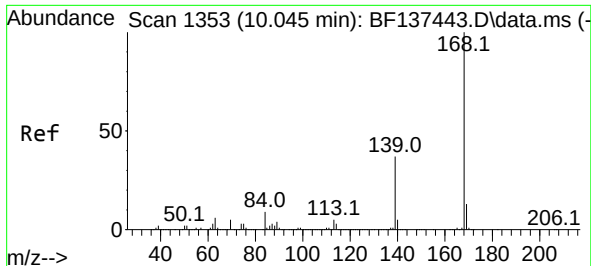
Tgt Ion:138 Resp: 157891
Ion Ratio Lower Upper
138 100
108 10.7 9.1 13.7
92 121.6 104.6 157.0



#54
2,4-Dinitrophenol
Concen: 75.602 ng
RT: 10.022 min Scan# 1349
Delta R.T. 0.018 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

Tgt Ion:184 Resp: 232536
Ion Ratio Lower Upper
184 100
63 56.8 53.3 79.9
154 56.8 47.4 71.0

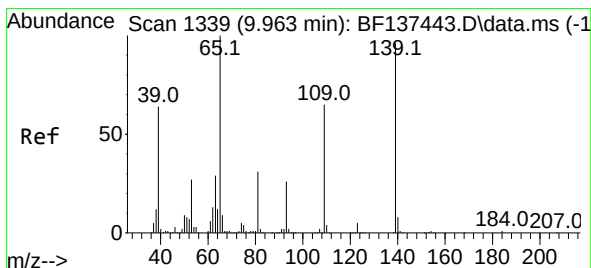
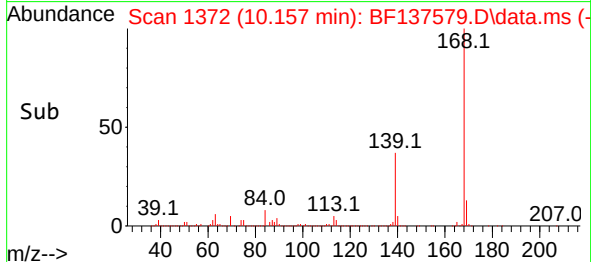
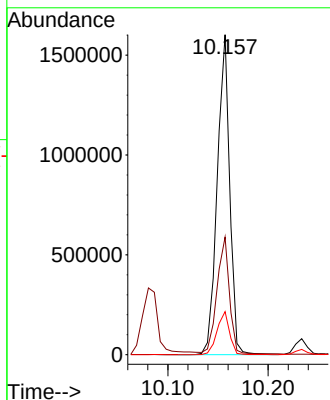
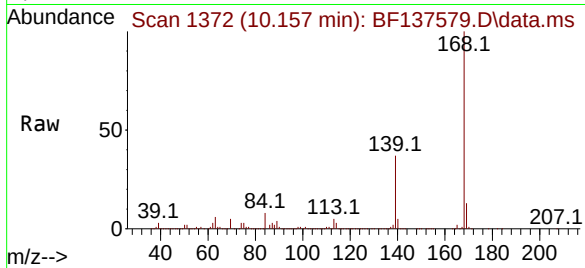




#55
Dibenzenofuran
Concen: 39.009 ng
RT: 10.157 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

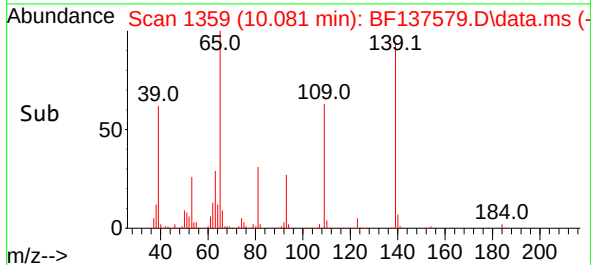
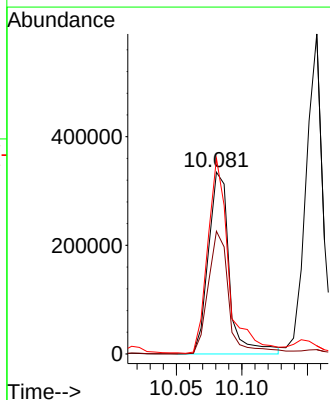
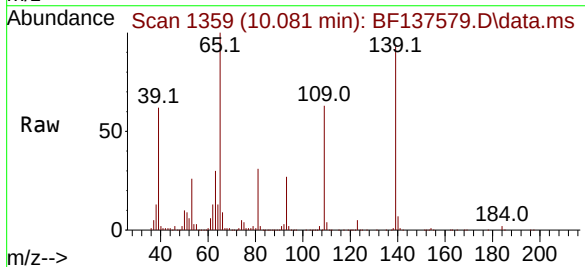
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

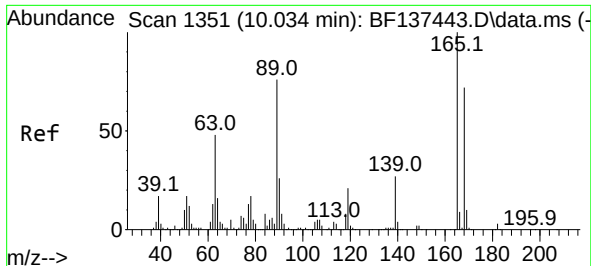
Tgt Ion:168 Resp: 1381145
Ion Ratio Lower Upper
168 100
139 36.8 29.8 44.6
169 13.4 10.8 16.2



#56
4-Nitrophenol
Concen: 78.195 ng
RT: 10.081 min Scan# 1359
Delta R.T. 0.018 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

Tgt Ion:139 Resp: 373051
Ion Ratio Lower Upper
139 100
109 67.6 47.1 87.1
65 107.6 85.1 125.1

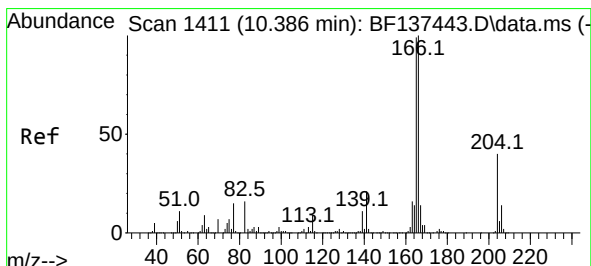
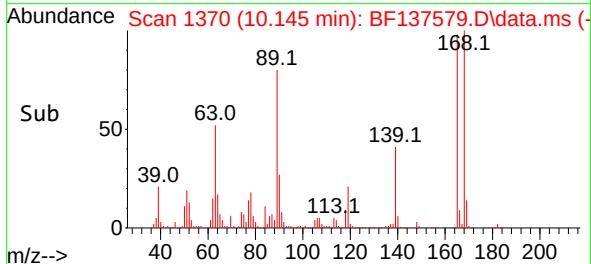
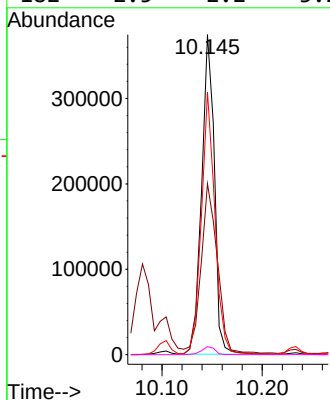
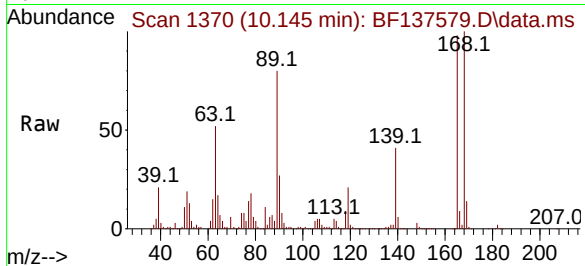




#57
2,4-Dinitrotoluene
Concen: 42.691 ng
RT: 10.145 min Scan# 1430
Delta R.T. 0.012 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

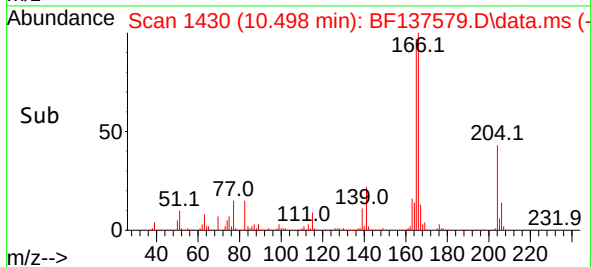
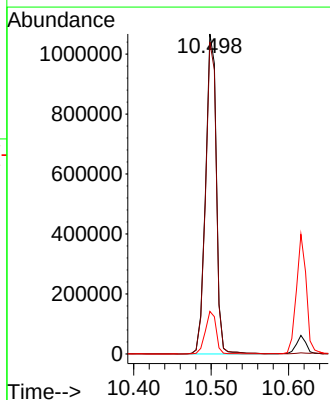
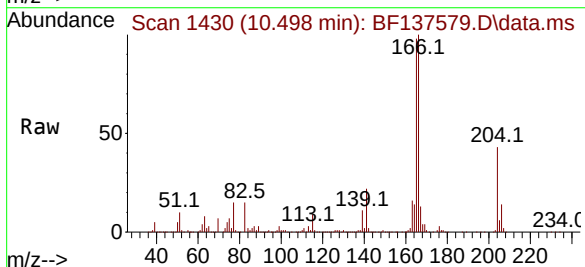
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

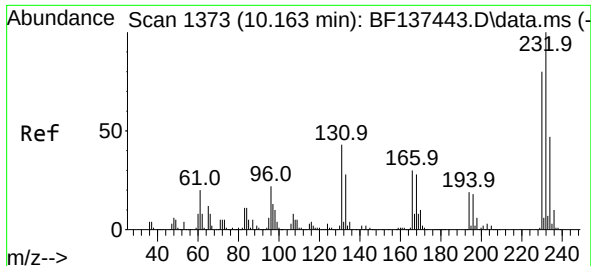
Tgt Ion:165 Resp: 332974
Ion Ratio Lower Upper
165 100
63 53.5 39.0 58.6
89 82.1 60.9 91.3
182 2.5 2.2 3.2



#58
Fluorene
Concen: 37.812 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

Tgt Ion:166 Resp: 1028156
Ion Ratio Lower Upper
166 100
165 97.5 79.2 118.8
167 13.3 11.0 16.6

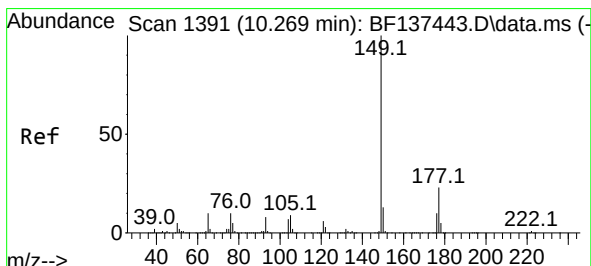
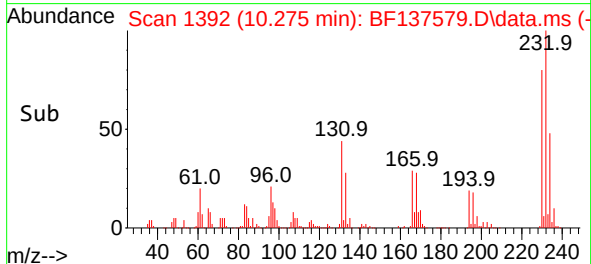
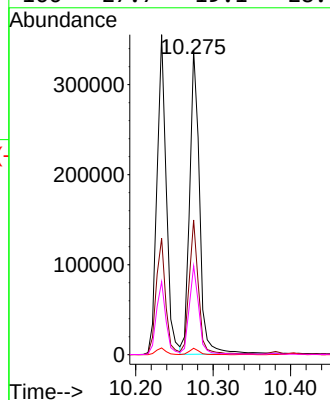
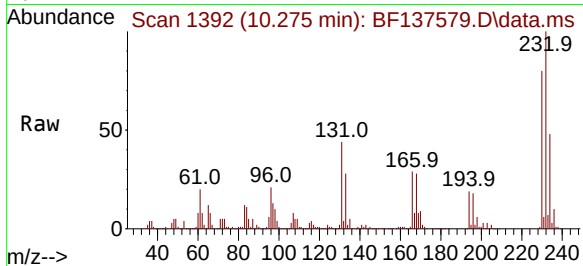




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.945 ng
RT: 10.275 min Scan# 1410
Delta R.T. 0.012 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

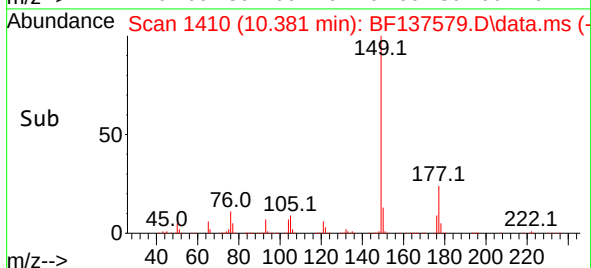
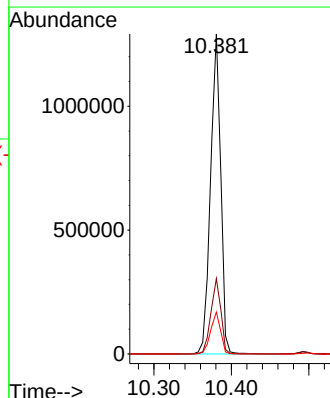
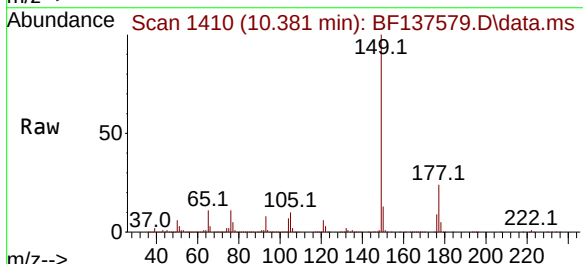
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

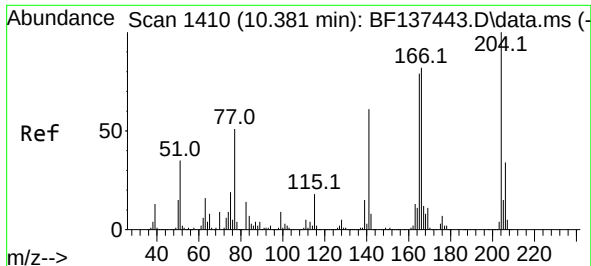
Tgt Ion:232 Resp: 299820
Ion Ratio Lower Upper
232 100
131 41.5 31.2 46.8
130 2.1 1.8 2.6
166 27.7 19.1 28.7



#60
Diethylphthalate
Concen: 41.061 ng
RT: 10.381 min Scan# 1410
Delta R.T. 0.012 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

Tgt Ion:149 Resp: 1176919
Ion Ratio Lower Upper
149 100
177 23.5 18.7 28.1
150 13.1 10.2 15.4

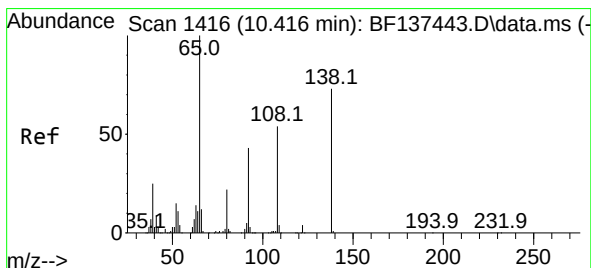
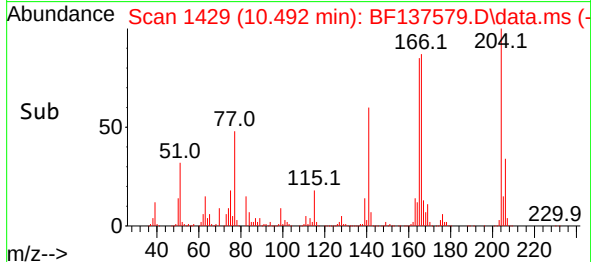
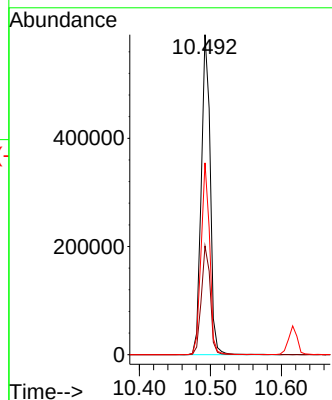
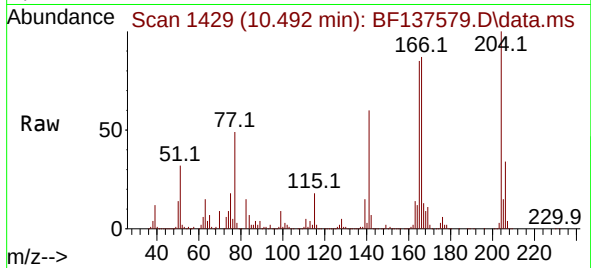




#61
4-Chlorophenyl-phenylether
Concen: 38.918 ng
RT: 10.492 min Scan# 1410
Delta R.T. 0.012 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

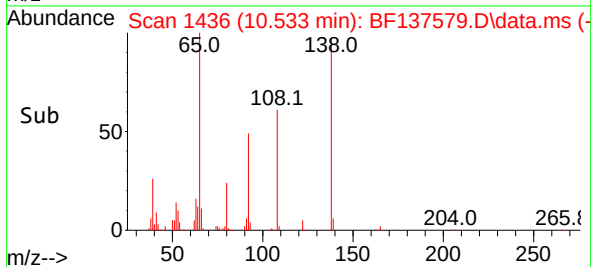
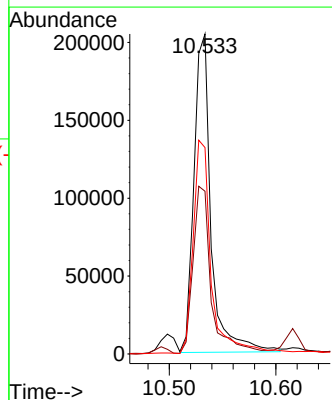
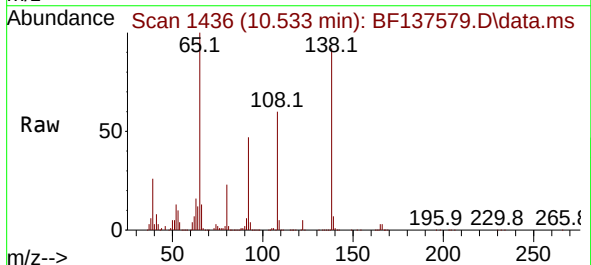
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

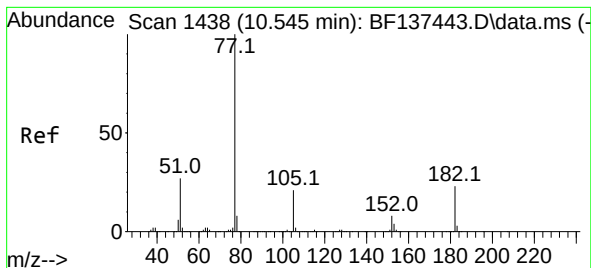
Tgt Ion:204 Resp: 518620
Ion Ratio Lower Upper
204 100
206 34.0 27.4 41.0
141 59.9 48.4 72.6



#62
4-Nitroaniline
Concen: 39.516 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.012 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

Tgt Ion:138 Resp: 228066
Ion Ratio Lower Upper
138 100
92 50.9 37.9 77.9
108 64.5 53.2 93.2





#63

Azobenzene

Concen: 39.065 ng

RT: 10.657 min Scan# 14

Delta R.T. 0.012 min

Lab File: BF137579.D

Acq: 13 Mar 2024 16:21

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

Tgt Ion: 77 Resp: 1289317

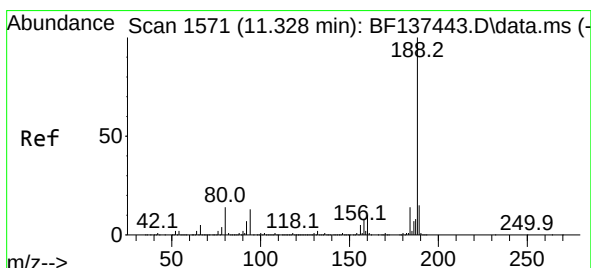
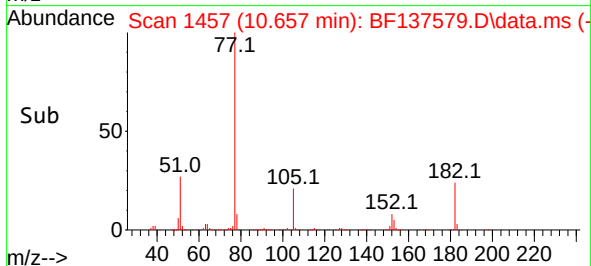
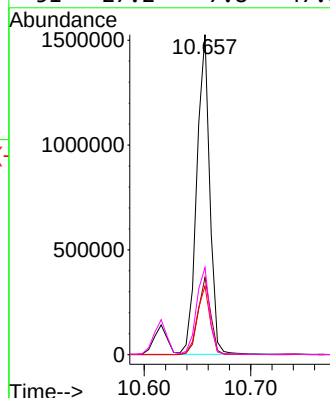
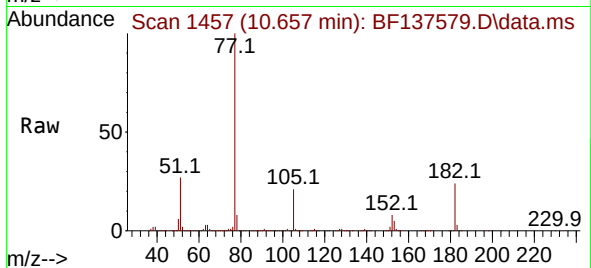
Ion Ratio Lower Upper

77 100

182 24.1 3.2 43.2

105 21.5 1.2 41.2

51 27.2 7.8 47.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.439 min Scan# 1590

Delta R.T. 0.006 min

Lab File: BF137579.D

Acq: 13 Mar 2024 16:21

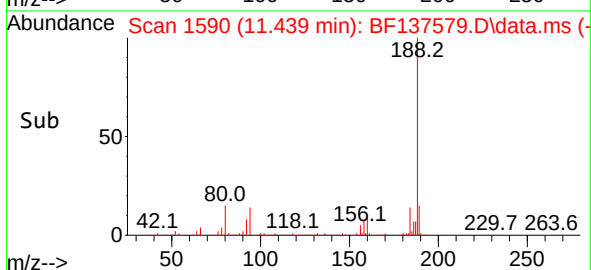
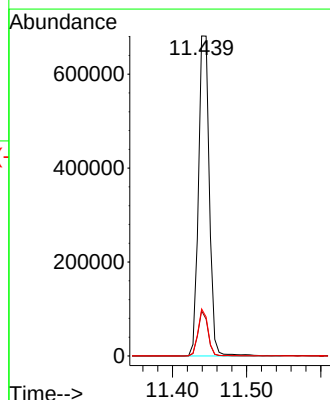
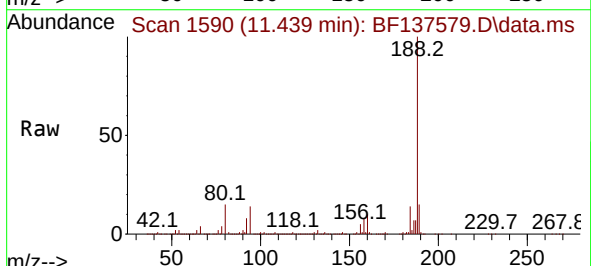
Tgt Ion: 188 Resp: 692186

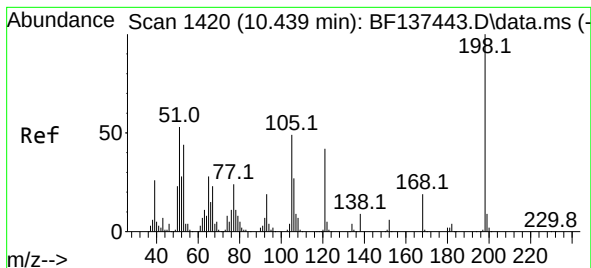
Ion Ratio Lower Upper

188 100

94 14.1 10.6 15.8

80 14.7 11.5 17.3

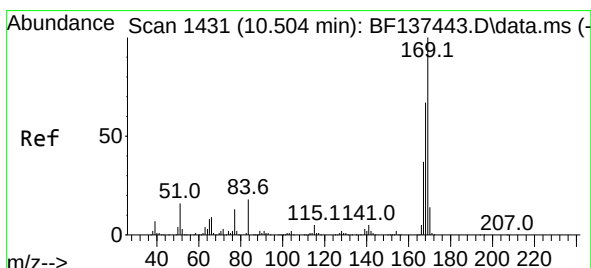
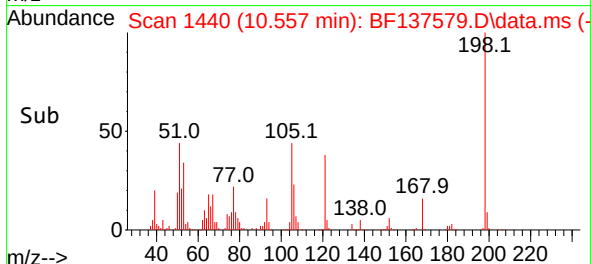
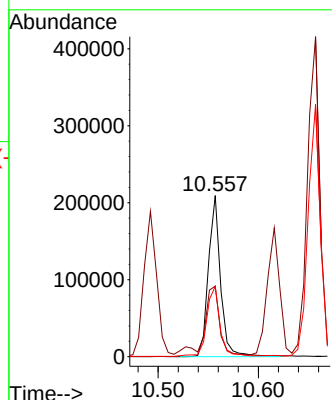
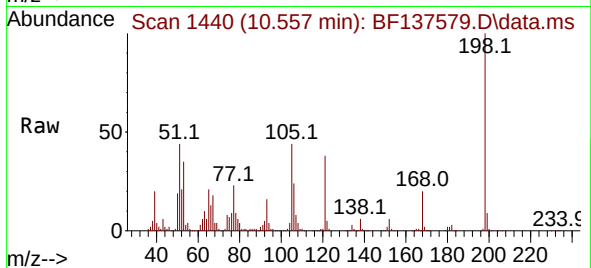




#65
4,6-Dinitro-2-methylphenol
Concen: 46.006 ng
RT: 10.557 min Scan# 1414
Delta R.T. 0.012 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

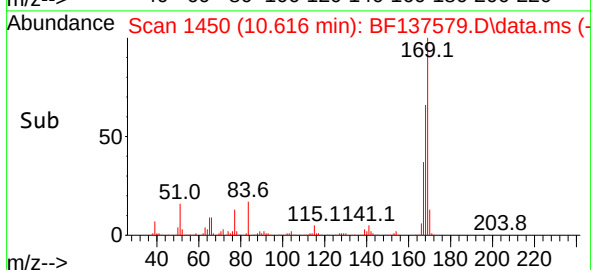
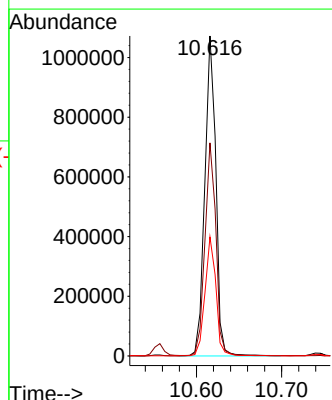
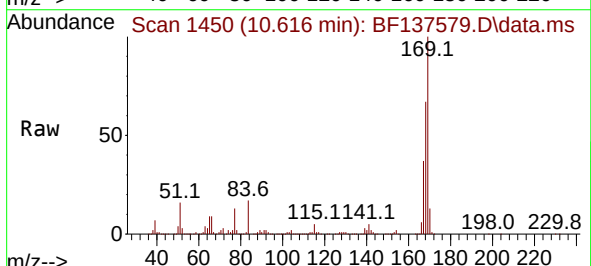
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

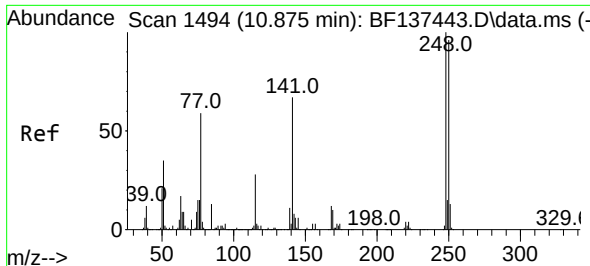
Tgt Ion:198 Resp: 177485
Ion Ratio Lower Upper
198 100
51 43.8 37.2 77.2
105 43.6 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 43.103 ng
RT: 10.616 min Scan# 1450
Delta R.T. 0.006 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

Tgt Ion:169 Resp: 960743
Ion Ratio Lower Upper
169 100
168 66.6 53.8 80.6
167 37.2 29.6 44.4

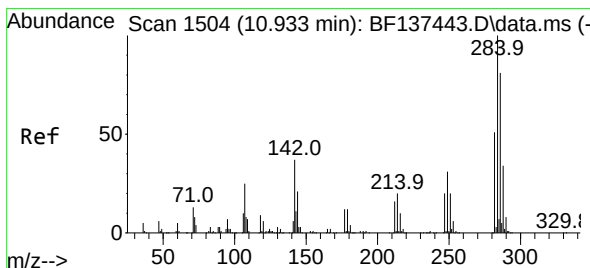
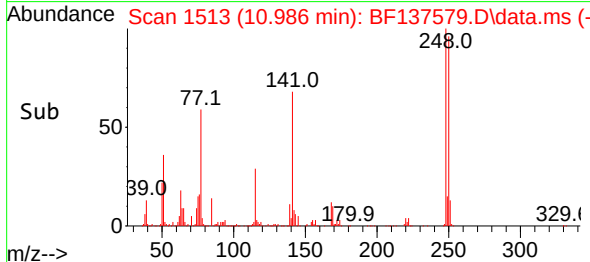
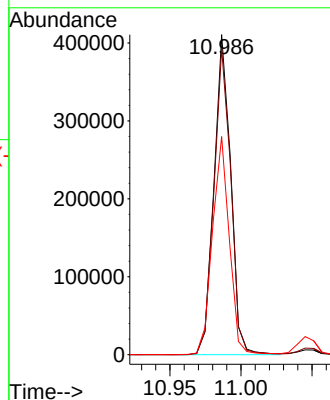
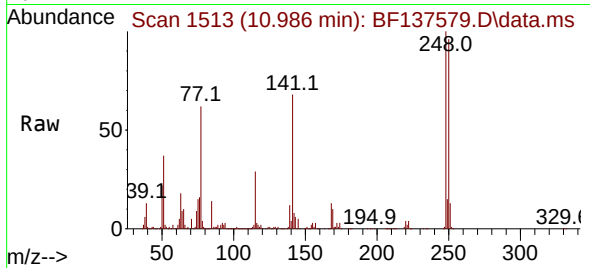




#67
4-Bromophenyl-phenylether
Concen: 44.601 ng
RT: 10.986 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

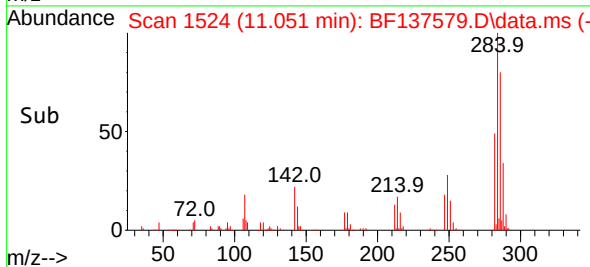
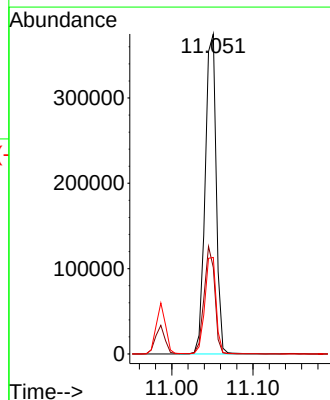
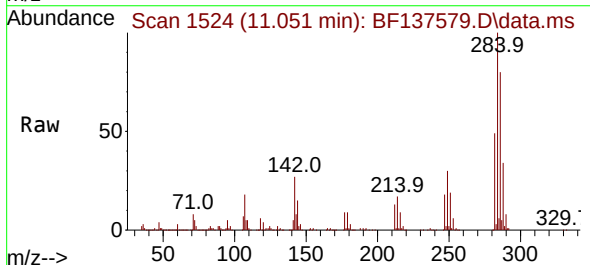
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

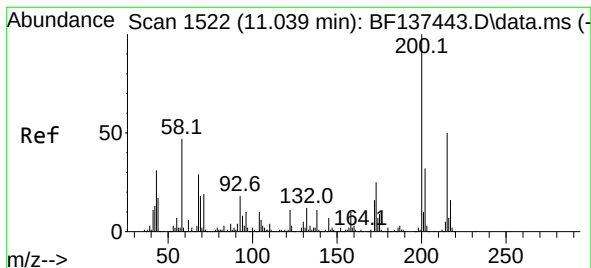
Tgt Ion:248 Resp: 336253
Ion Ratio Lower Upper
248 100
250 95.8 76.8 115.2
141 68.2 53.4 80.0



#68
Hexachlorobenzene
Concen: 46.426 ng
RT: 11.051 min Scan# 1524
Delta R.T. 0.012 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

Tgt Ion:284 Resp: 353516
Ion Ratio Lower Upper
284 100
142 27.0 29.4 44.0#
249 30.2 25.0 37.4





#69

Atrazine

Concen: 45.416 ng

RT: 11.151 min Scan# 1541

Delta R.T. 0.012 min

Lab File: BF137579.D

Acq: 13 Mar 2024 16:21

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

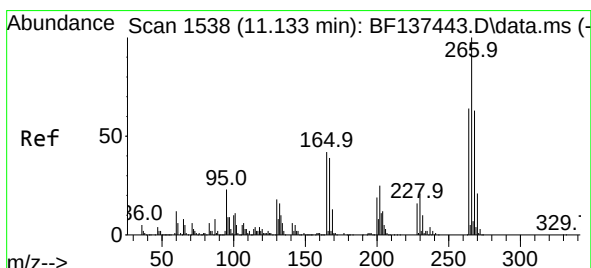
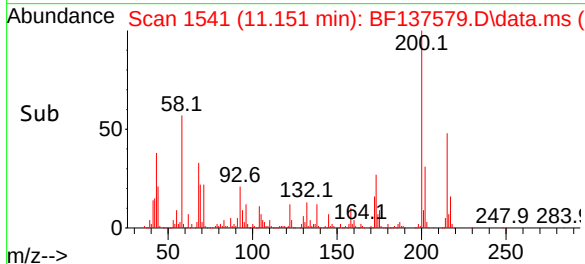
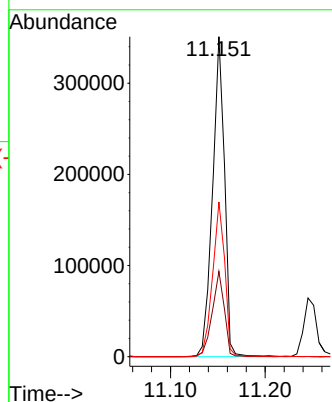
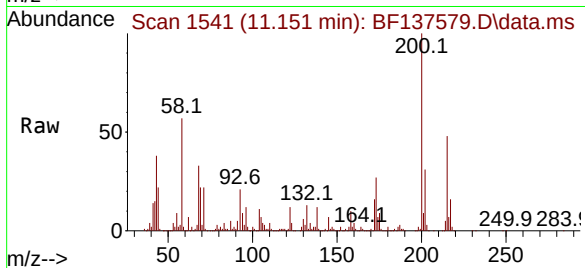
Tgt Ion:200 Resp: 307736

Ion Ratio Lower Upper

200 100

173 26.6 5.1 45.1

215 48.4 30.4 70.4



#70

Pentachlorophenol

Concen: 77.703 ng

RT: 11.251 min Scan# 1558

Delta R.T. 0.018 min

Lab File: BF137579.D

Acq: 13 Mar 2024 16:21

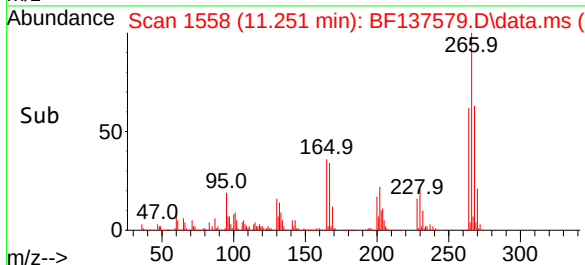
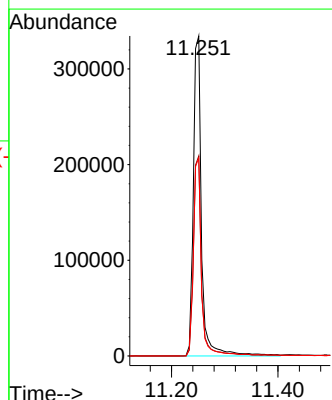
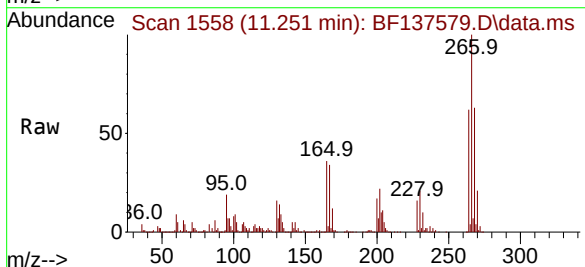
Tgt Ion:266 Resp: 357684

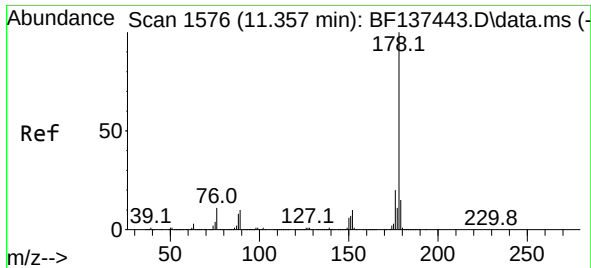
Ion Ratio Lower Upper

266 100

268 62.5 50.2 75.2

264 61.9 50.9 76.3

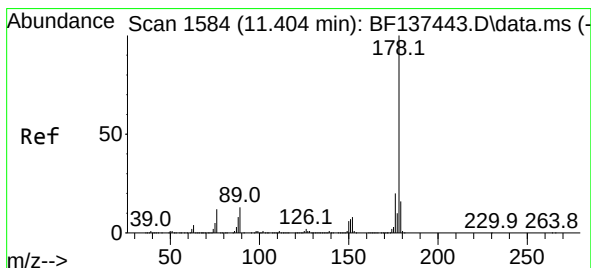
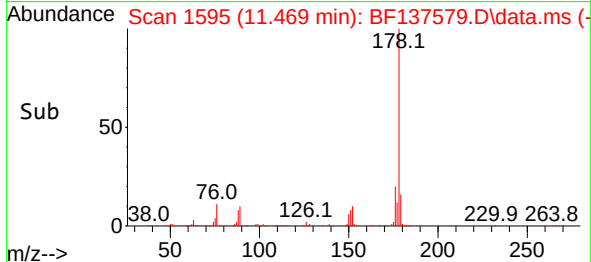
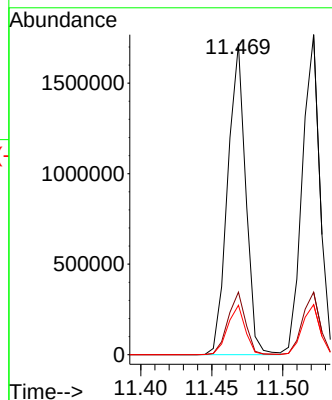
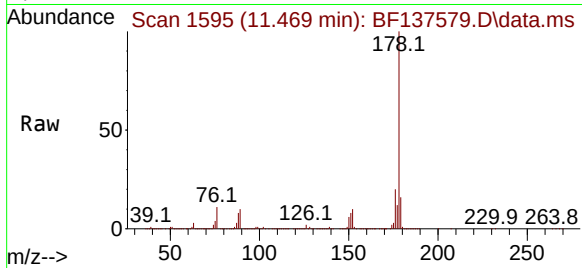




#71
Phenanthrene
Concen: 40.207 ng
RT: 11.469 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

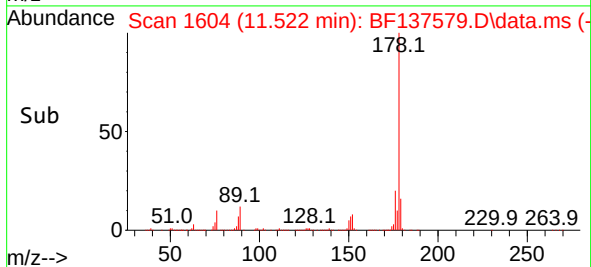
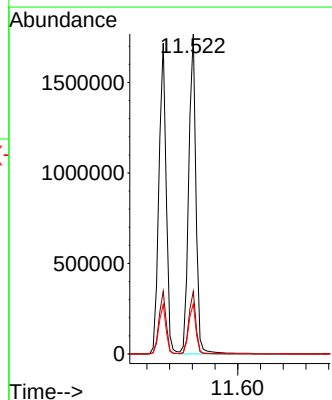
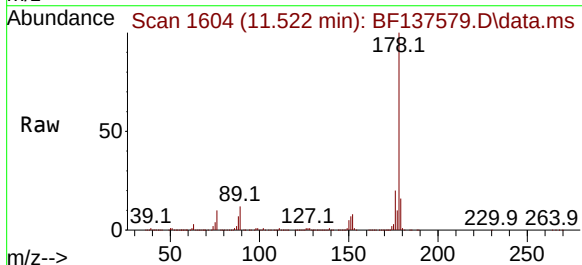
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

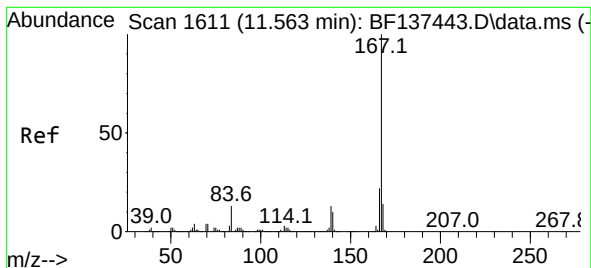
Tgt Ion:178 Resp: 1514590
Ion Ratio Lower Upper
178 100
176 20.1 15.8 23.8
179 15.9 12.2 18.2



#72
Anthracene
Concen: 40.231 ng
RT: 11.522 min Scan# 1604
Delta R.T. 0.012 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

Tgt Ion:178 Resp: 1556513
Ion Ratio Lower Upper
178 100
176 19.5 15.7 23.5
179 15.7 12.7 19.1





#73

Carbazole

Concen: 39.749 ng

RT: 11.680 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF137579.D

Acq: 13 Mar 2024 16:21

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

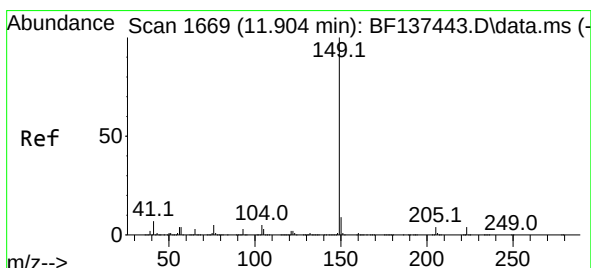
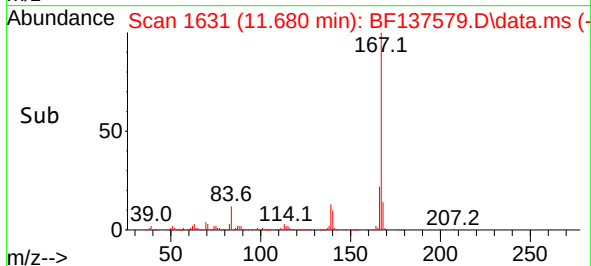
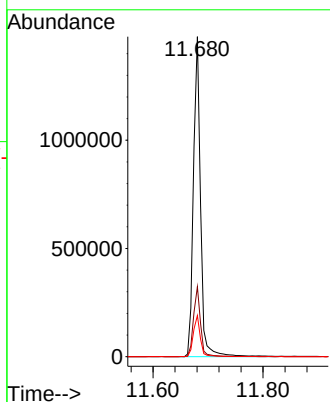
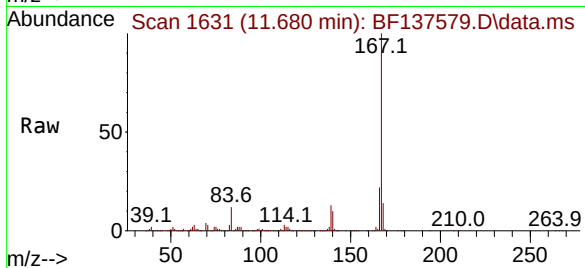
Tgt Ion:167 Resp: 1317278

Ion Ratio Lower Upper

167 100

166 21.9 17.8 26.8

139 12.9 10.5 15.7



#74

Di-n-butylphthalate

Concen: 43.514 ng

RT: 12.016 min Scan# 1688

Delta R.T. 0.012 min

Lab File: BF137579.D

Acq: 13 Mar 2024 16:21

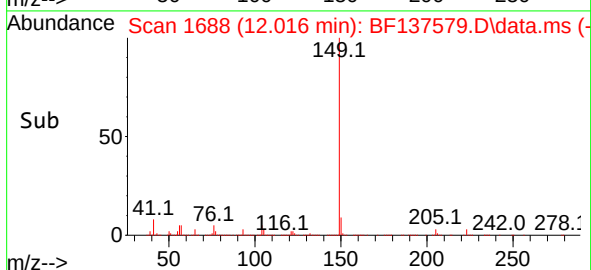
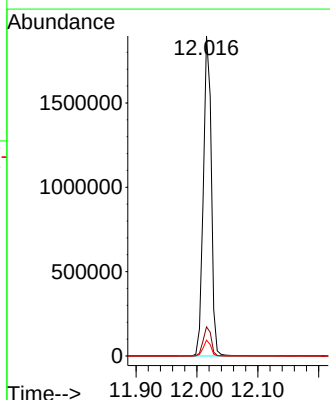
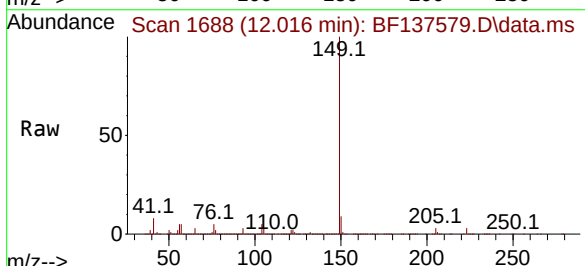
Tgt Ion:149 Resp: 1715724

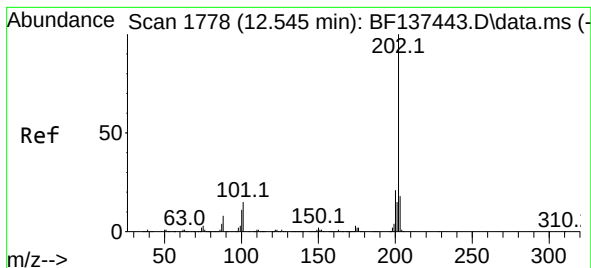
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.0

104 4.9 3.8 5.6

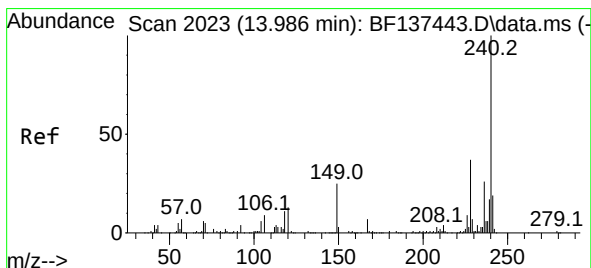
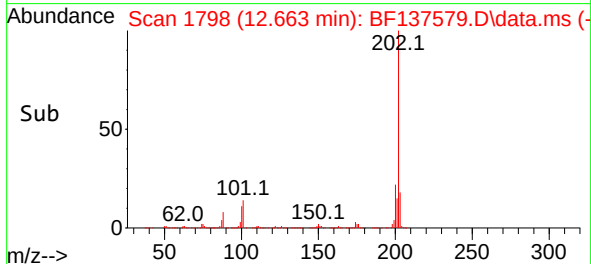
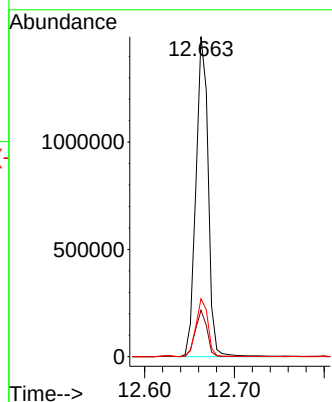
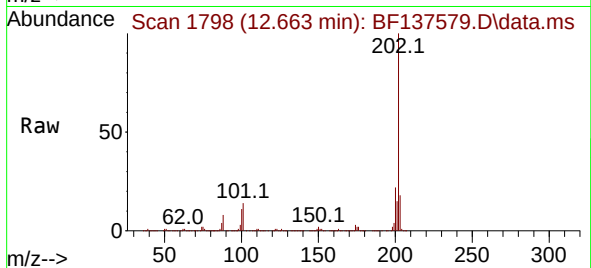




#75
Fluoranthene
Concen: 38.328 ng
RT: 12.663 min Scan# 1778
Delta R.T. 0.006 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

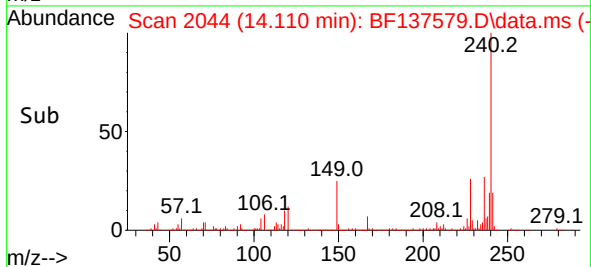
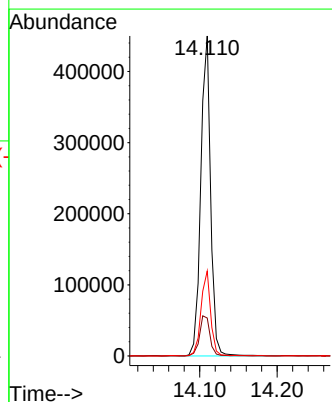
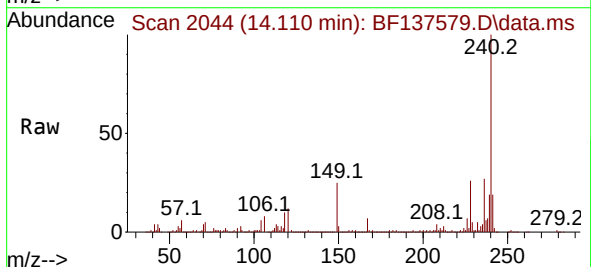
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

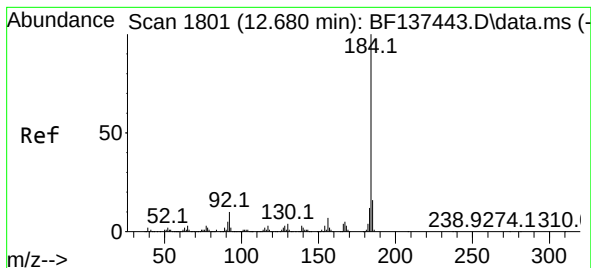
Tgt Ion:202 Resp: 1411286
Ion Ratio Lower Upper
202 100
101 14.5 0.0 35.0
203 18.1 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 2044
Delta R.T. 0.012 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

Tgt Ion:240 Resp: 395934
Ion Ratio Lower Upper
240 100
120 11.9 10.4 15.6
236 26.6 20.9 31.3





#77

Benzidine

Concen: 52.290 ng

RT: 12.798 min Scan# 1821

Delta R.T. 0.012 min

Lab File: BF137579.D

Acq: 13 Mar 2024 16:21

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

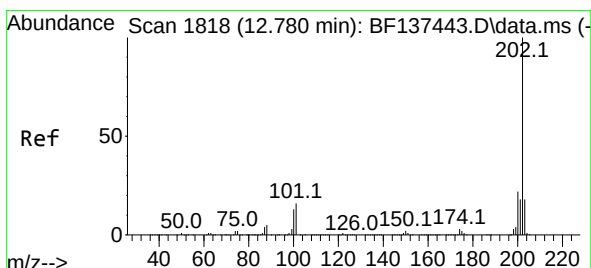
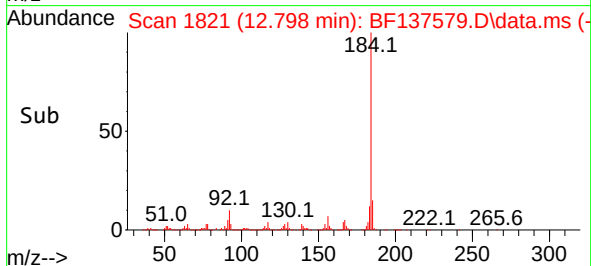
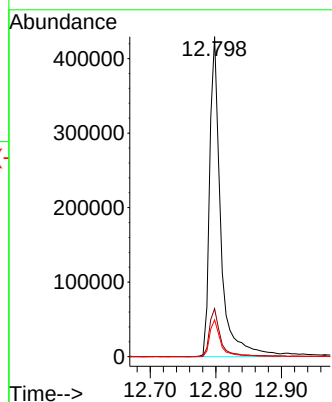
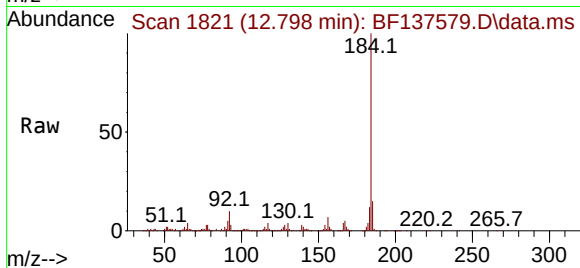
Tgt Ion:184 Resp: 506654

Ion Ratio Lower Upper

184 100

185 15.0 13.2 19.8

183 11.5 9.3 13.9



#78

Pyrene

Concen: 37.023 ng

RT: 12.892 min Scan# 1837

Delta R.T. 0.006 min

Lab File: BF137579.D

Acq: 13 Mar 2024 16:21

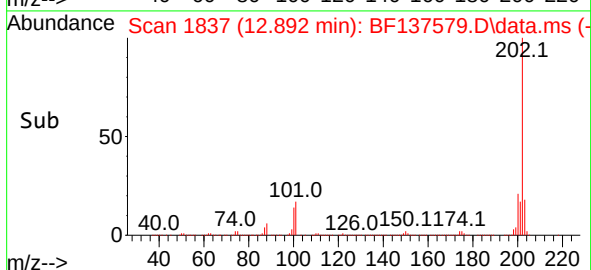
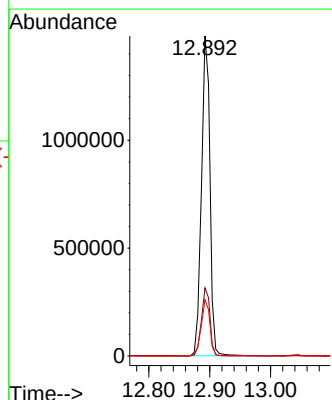
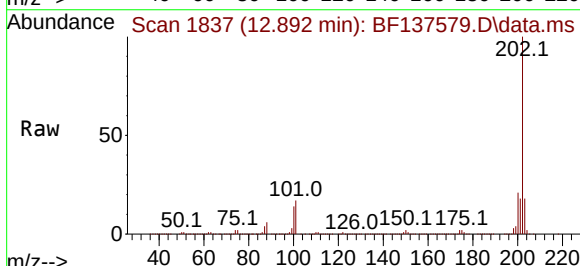
Tgt Ion:202 Resp: 1438351

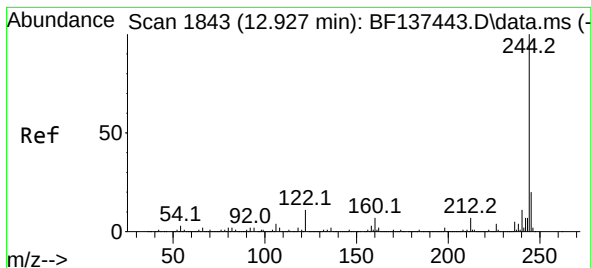
Ion Ratio Lower Upper

202 100

200 21.3 17.4 26.2

203 17.6 14.1 21.1





#79

Terphenyl-d14

Concen: 44.496 ng

RT: 13.045 min Scan# 1863

Delta R.T. 0.006 min

Lab File: BF137579.D

Acq: 13 Mar 2024 16:21

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

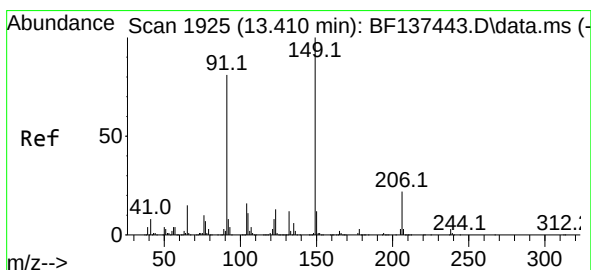
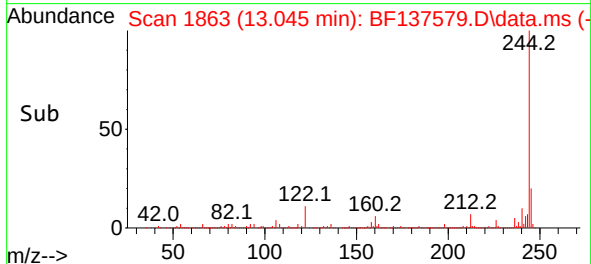
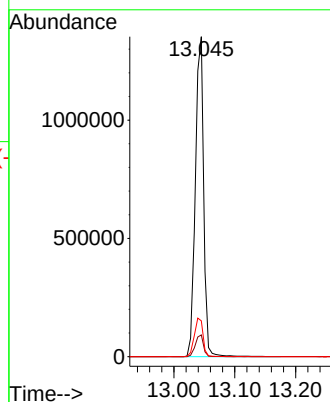
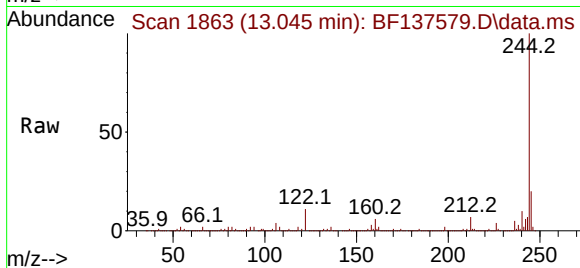
Tgt Ion:244 Resp: 1281160

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 11.2 9.1 13.7



#80

Butylbenzylphthalate

Concen: 56.575 ng

RT: 13.527 min Scan# 1945

Delta R.T. 0.006 min

Lab File: BF137579.D

Acq: 13 Mar 2024 16:21

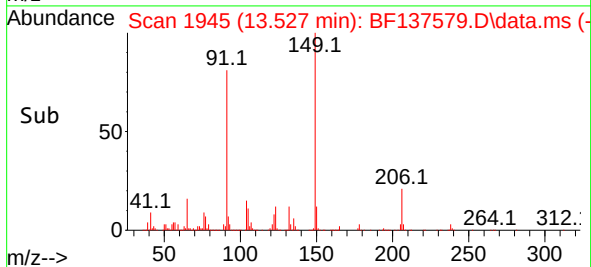
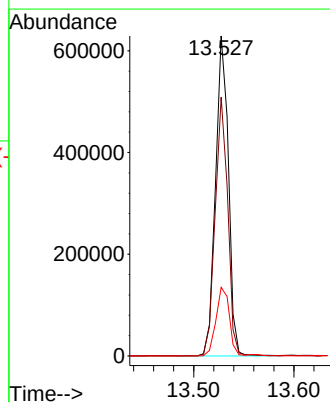
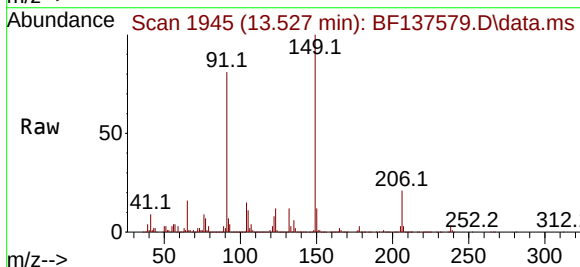
Tgt Ion:149 Resp: 561325

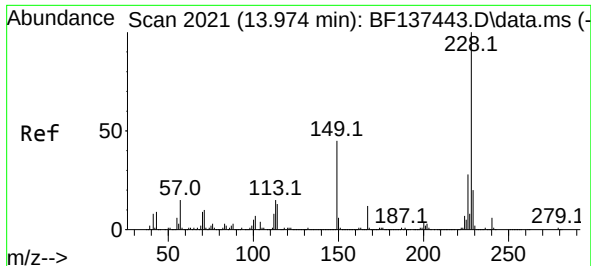
Ion Ratio Lower Upper

149 100

91 80.8 64.7 97.1

206 21.4 17.5 26.3

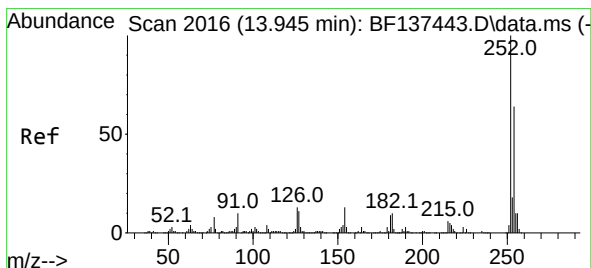
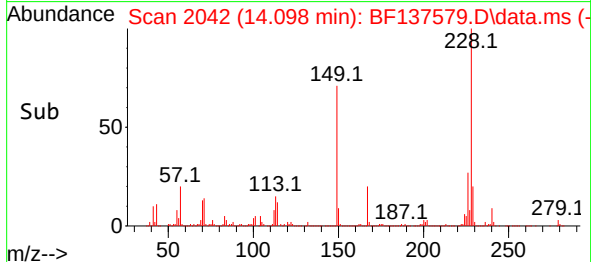
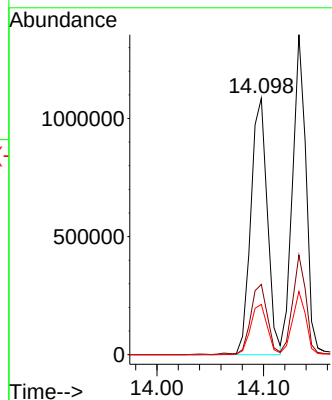
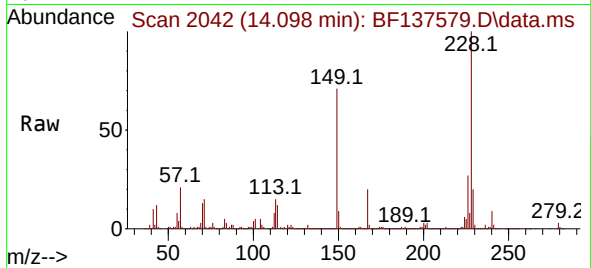




#81
Benzo(a)anthracene
Concen: 41.991 ng
RT: 14.098 min Scan# 2036
Delta R.T. 0.012 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

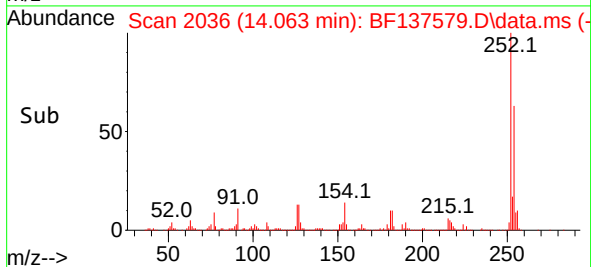
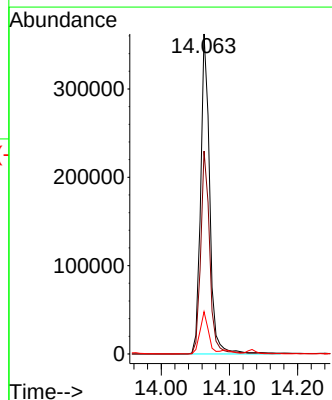
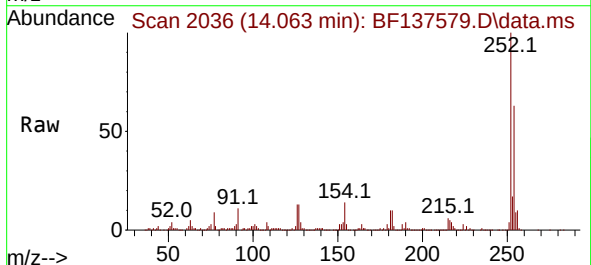
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

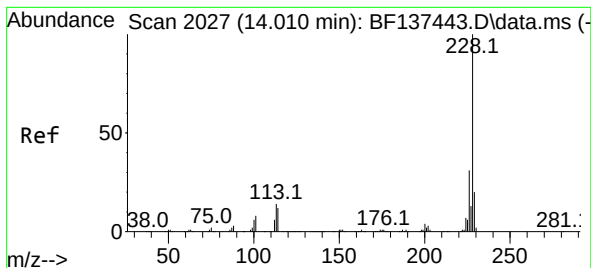
Tgt Ion:228 Resp: 1165275
Ion Ratio Lower Upper
228 100
226 27.4 22.3 33.5
229 19.6 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 45.167 ng
RT: 14.063 min Scan# 2036
Delta R.T. 0.006 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

Tgt Ion:252 Resp: 333785
Ion Ratio Lower Upper
252 100
254 63.4 51.4 77.2
126 13.2 10.4 15.6





#83

Chrysene

Concen: 42.506 ng

RT: 14.133 min Scan# 2048

Delta R.T. 0.006 min

Lab File: BF137579.D

Acq: 13 Mar 2024 16:21

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

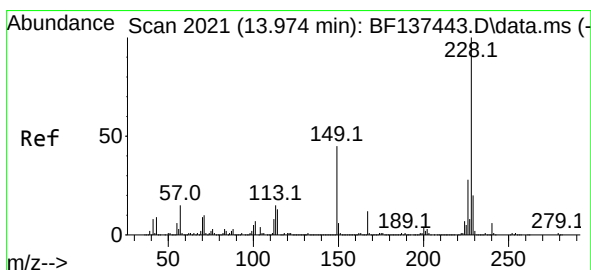
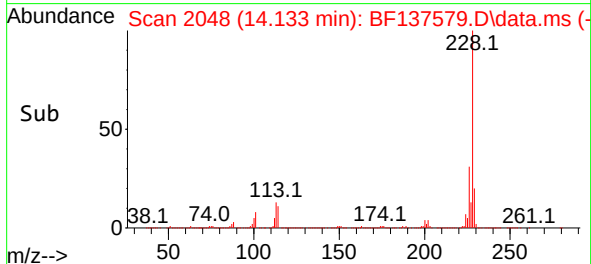
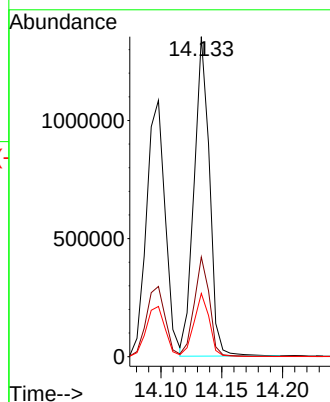
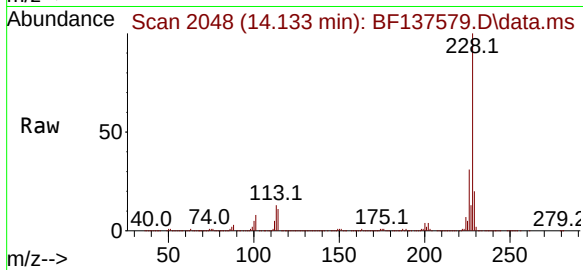
Tgt Ion:228 Resp: 1192179

Ion Ratio Lower Upper

228 100

226 31.1 24.7 37.1

229 19.8 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 62.241 ng

RT: 14.098 min Scan# 2042

Delta R.T. 0.012 min

Lab File: BF137579.D

Acq: 13 Mar 2024 16:21

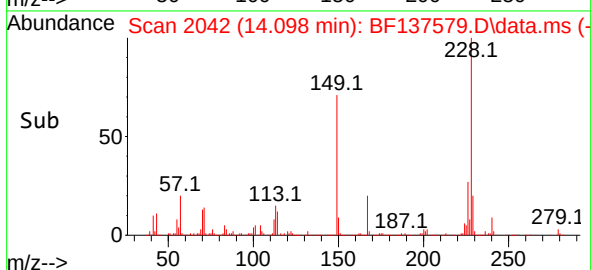
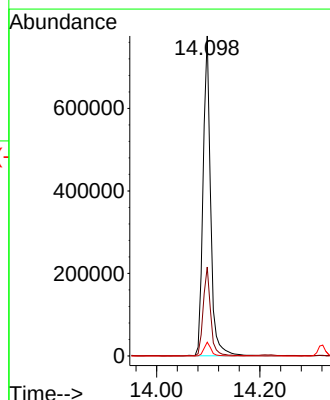
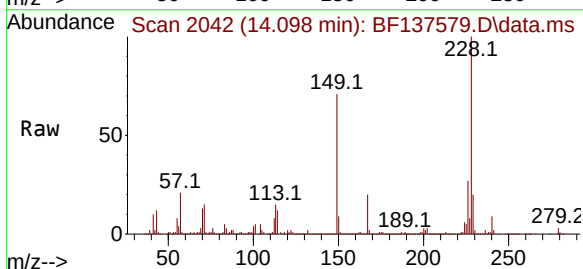
Tgt Ion:149 Resp: 784914

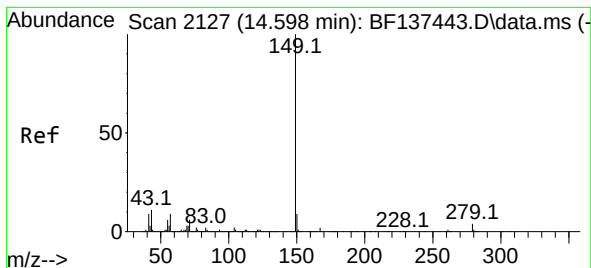
Ion Ratio Lower Upper

149 100

167 27.8 21.3 31.9

279 4.3 2.6 4.0#





#85

Di-n-octyl phthalate

Concen: 58.000 ng

RT: 14.727 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF137579.D

Acq: 13 Mar 2024 16:21

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

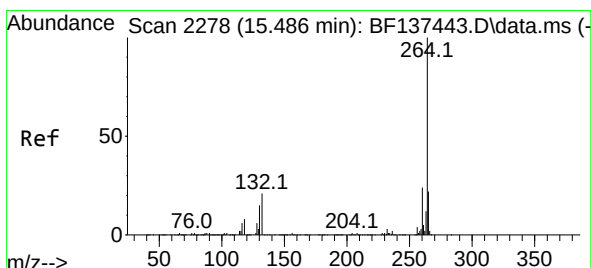
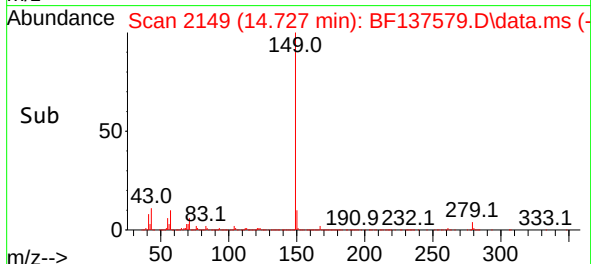
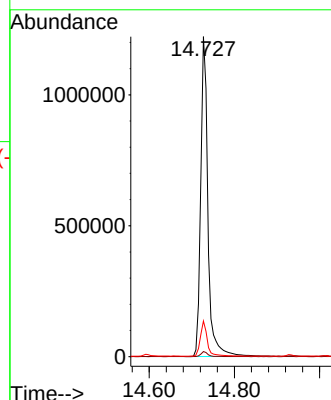
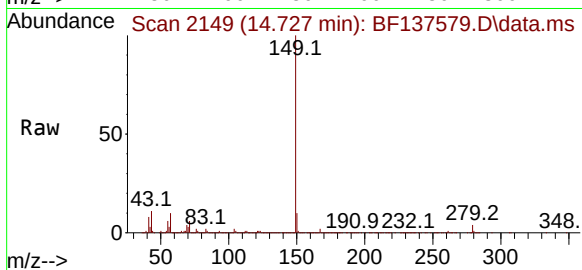
Tgt Ion:149 Resp: 1441797

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 10.6 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.668 min Scan# 2309

Delta R.T. 0.018 min

Lab File: BF137579.D

Acq: 13 Mar 2024 16:21

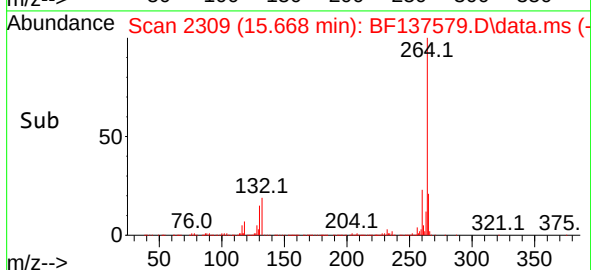
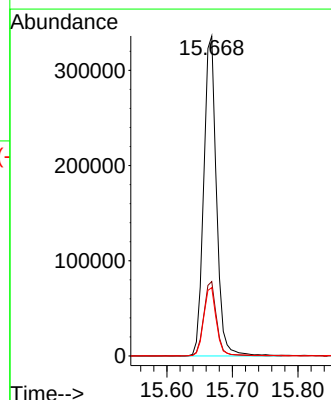
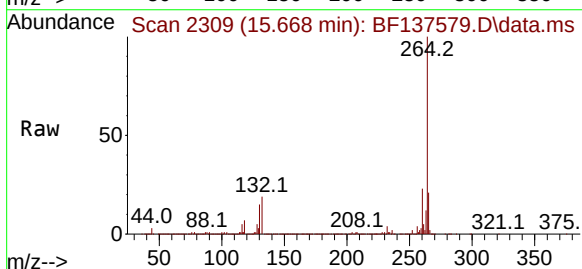
Tgt Ion:264 Resp: 455740

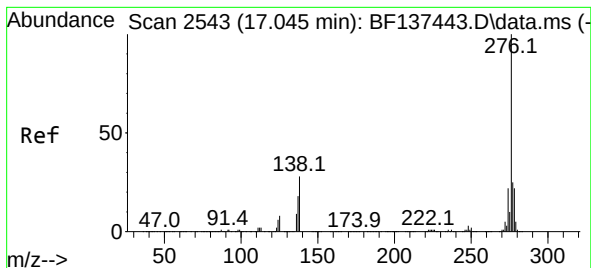
Ion Ratio Lower Upper

264 100

260 23.2 19.3 28.9

265 21.4 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 37.322 ng

RT: 17.315 min Scan# 21

Delta R.T. 0.024 min

Lab File: BF137579.D

Acq: 13 Mar 2024 16:21

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

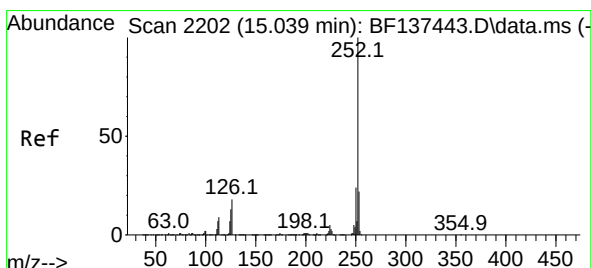
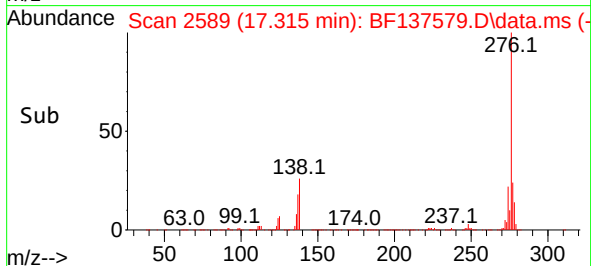
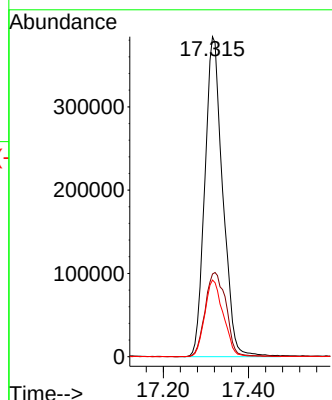
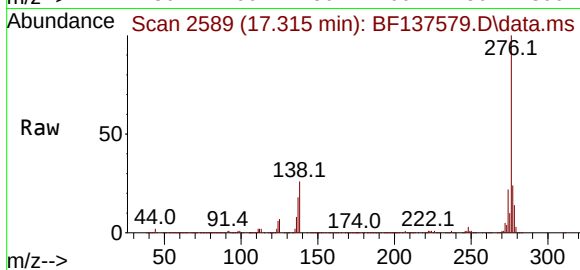
Tgt Ion:276 Resp: 1119333

Ion Ratio Lower Upper

276 100

138 30.8 25.8 38.8

277 25.0 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 45.033 ng

RT: 15.198 min Scan# 2229

Delta R.T. 0.012 min

Lab File: BF137579.D

Acq: 13 Mar 2024 16:21

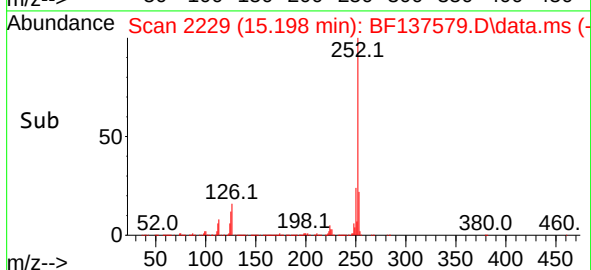
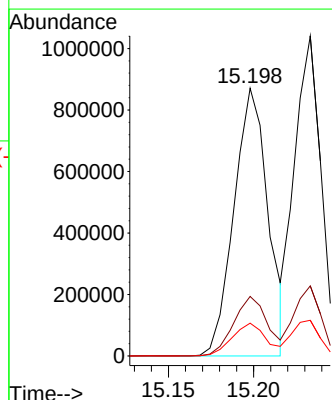
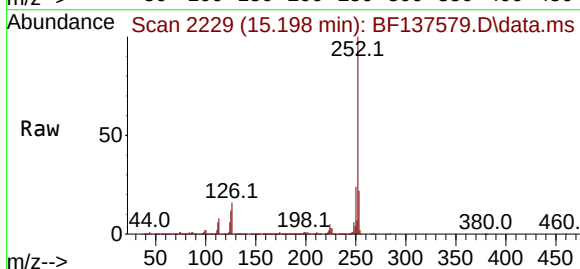
Tgt Ion:252 Resp: 1214040

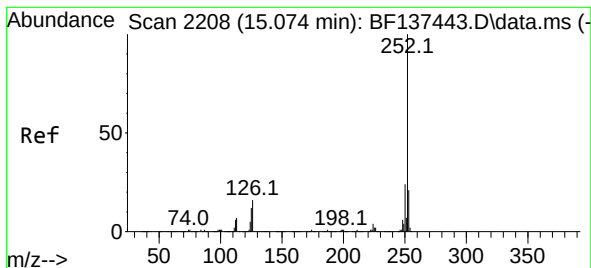
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 12.3 10.1 15.1





#89

Benzo(k)fluoranthene

Concen: 39.402 ng

RT: 15.233 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF137579.D

Acq: 13 Mar 2024 16:21

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

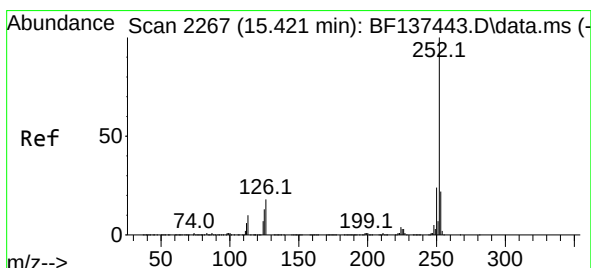
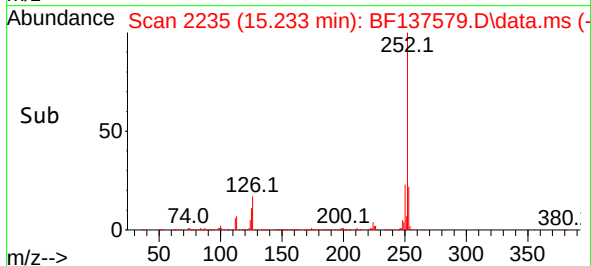
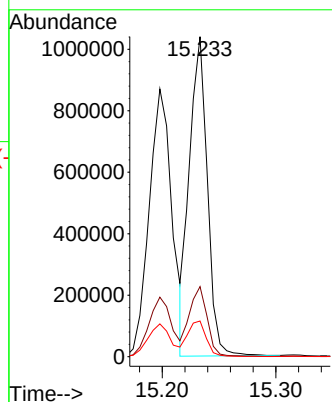
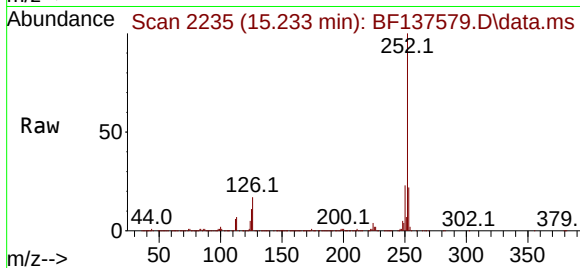
Tgt Ion:252 Resp: 1140934

Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 11.2 9.6 14.4



#90

Benzo(a)pyrene

Concen: 42.073 ng

RT: 15.604 min Scan# 2298

Delta R.T. 0.018 min

Lab File: BF137579.D

Acq: 13 Mar 2024 16:21

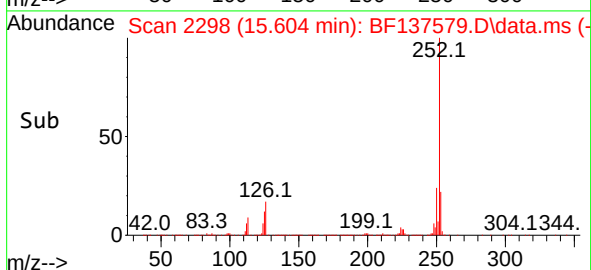
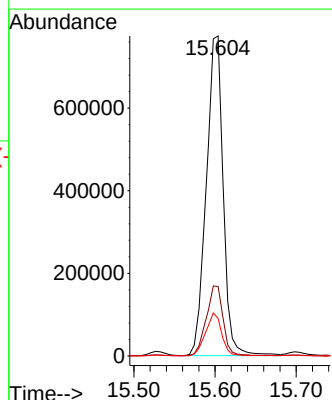
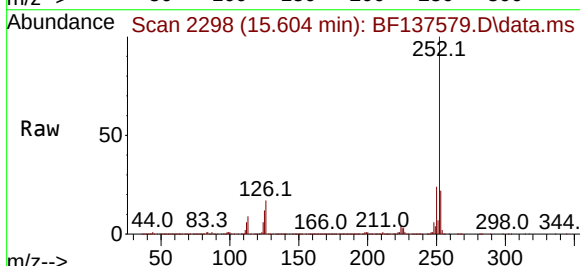
Tgt Ion:252 Resp: 1117734

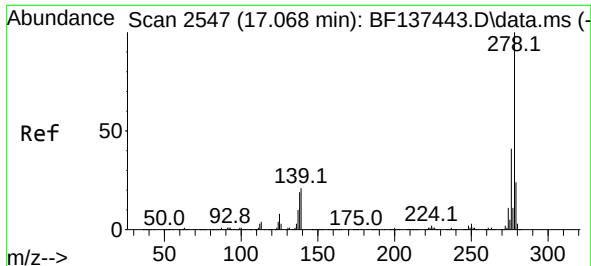
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

125 11.7 10.4 15.6

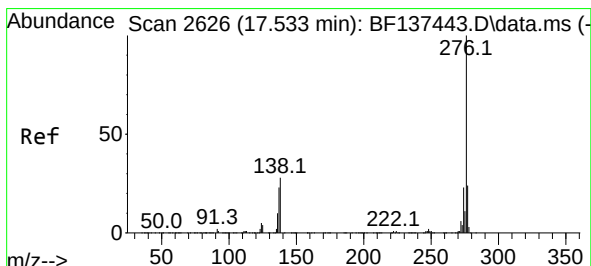
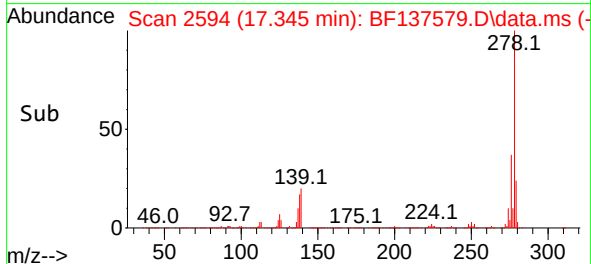
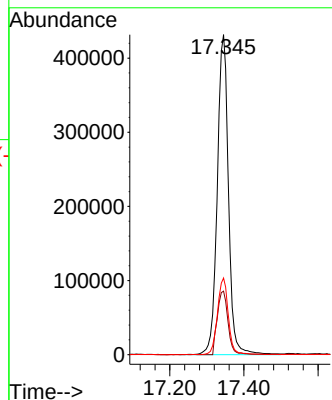
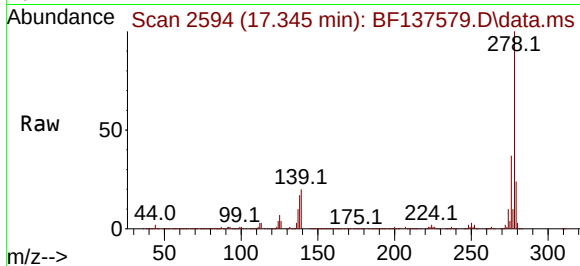




#91
Dibenzo(a,h)anthracene
Concen: 37.160 ng
RT: 17.345 min Scan# 21
Delta R.T. 0.029 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tgt Ion:278 Resp: 904069
Ion Ratio Lower Upper
278 100
139 19.8 17.0 25.6
279 24.0 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 32.941 ng
RT: 17.815 min Scan# 2674
Delta R.T. 0.024 min
Lab File: BF137579.D
Acq: 13 Mar 2024 16:21

Tgt Ion:276 Resp: 823035
Ion Ratio Lower Upper
276 100
277 23.7 19.0 28.4
138 26.8 22.2 33.2

