

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012524\
 Data File : BF137154.D
 Acq On : 25 Jan 2024 18:33
 Operator : CG\JU
 Sample : P1240-03MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11985MS

Quant Time: Jan 26 10:17:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 25 23:14:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	74286	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	284041	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	165937	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	318894	20.000	ng	0.00
76) Chrysene-d12	13.992	240	165424	20.000	ng	0.00
86) Perylene-d12	15.474	264	191081	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	562686	112.220	ng	0.02
7) Phenol-d6	6.445	99	712513	108.077	ng	0.00
23) Nitrobenzene-d5	7.375	82	510818	84.306	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	230835	132.242	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	925542	77.651	ng	0.00
79) Terphenyl-d14	12.939	244	1059915	91.622	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.816	88	85808	35.418	ng	# 81
3) Pyridine	3.510	79	168838	28.876	ng	97
4) n-Nitrosodimethylamine	3.463	42	136306	40.006	ng	94
6) Aniline	6.475	93	88152	11.083	ng	96
8) 2-Chlorophenol	6.598	128	228709	44.439	ng	97
9) Benzaldehyde	6.369	77	114502	33.107	ng	98
10) Phenol	6.457	94	280474	37.240	ng	96
11) bis(2-Chloroethyl)ether	6.557	93	238645	43.462	ng	95
12) 1,3-Dichlorobenzene	6.751	146	236780	40.275	ng	98
13) 1,4-Dichlorobenzene	6.828	146	240829	40.500	ng	98
14) 1,2-Dichlorobenzene	6.981	146	231183	41.139	ng	98
15) Benzyl Alcohol	6.957	79	248908	46.571	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.087	45	383327	39.566	ng	97
17) 2-Methylphenol	7.063	107	191545	43.430	ng	99
18) Hexachloroethane	7.322	117	82091	40.898	ng	94
19) n-Nitroso-di-n-propyla...	7.228	70	195809	43.900	ng	97
20) 3+4-Methylphenols	7.216	107	243868	43.756	ng	91
22) Acetophenone	7.222	105	348692	43.182	ng	# 90
24) Nitrobenzene	7.392	77	285220	46.811	ng	97
25) Isophorone	7.634	82	531068	44.388	ng	98
26) 2-Nitrophenol	7.704	139	104494	49.780	ng	99
27) 2,4-Dimethylphenol	7.745	122	168085	46.461	ng	97
28) bis(2-Chloroethoxy)met...	7.845	93	298664	44.306	ng	99
29) 2,4-Dichlorophenol	7.945	162	198325	45.605	ng	98
30) 1,2,4-Trichlorobenzene	8.028	180	217014	42.380	ng	99
31) Naphthalene	8.110	128	666655	43.465	ng	99
32) Benzoic acid	7.863	122	108151	45.906	ng	92
33) 4-Chloroaniline	8.157	127	46216	7.982	ng	99
34) Hexachlorobutadiene	8.228	225	143357	42.296	ng	97
35) Caprolactam	8.528	113	34647	26.408	ng	92
36) 4-Chloro-3-methylphenol	8.639	107	236753	47.796	ng	98
37) 2-Methylnaphthalene	8.804	142	458284	44.365	ng	100
38) 1-Methylnaphthalene	8.904	142	431485	44.956	ng	100
40) 1,2,4,5-Tetrachloroben...	8.969	216	238826	42.340	ng	99
41) Hexachlorocyclopentadiene	8.957	237	233028	101.624	ng	99
43) 2,4,6-Trichlorophenol	9.081	196	156269	47.110	ng	98

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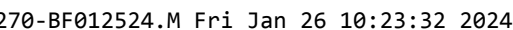
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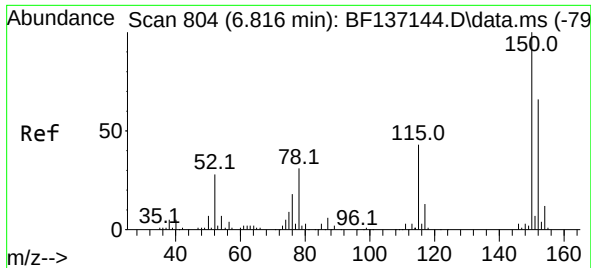
Quant Time: Jan 26 10:17:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	168638	47.371	ng	98
46) 1,1'-Biphenyl	9.269	154	591804	44.735	ng	99
47) 2-Chloronaphthalene	9.292	162	433373	44.505	ng	99
48) 2-Nitroaniline	9.386	65	157117	48.204	ng	92
49) Acenaphthylene	9.710	152	696238	44.485	ng	99
50) Dimethylphthalate	9.575	163	533217	47.449	ng	100
51) 2,6-Dinitrotoluene	9.633	165	114059	50.338	ng	95
52) Acenaphthene	9.880	154	434046	44.809	ng	97
53) 3-Nitroaniline	9.798	138	42989	20.948	ng	96
54) 2,4-Dinitrophenol	9.904	184	86844	83.233	ng	87
55) Dibenzofuran	10.057	168	656501	44.929	ng	100
56) 4-Nitrophenol	9.963	139	157750	96.631	ng	94
57) 2,4-Dinitrotoluene	10.039	165	152117	52.592	ng	89
58) Fluorene	10.398	166	503228	44.927	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.169	232	147976	47.658	ng	97
60) Diethylphthalate	10.280	149	532343	48.302	ng	99
61) 4-Chlorophenyl-phenyle...	10.392	204	252718	45.264	ng	99
62) 4-Nitroaniline	10.422	138	98211	47.961	ng	98
63) Azobenzene	10.551	77	573977	44.720	ng	98
65) 4,6-Dinitro-2-methylph...	10.445	198	62467	48.939	ng	80
66) n-Nitrosodiphenylamine	10.516	169	459823	47.033	ng	100
67) 4-Bromophenyl-phenylether	10.886	248	169133	46.030	ng	99
68) Hexachlorobenzene	10.945	284	178515	46.193	ng	97
69) Atrazine	11.045	200	159516	50.645	ng	99
70) Pentachlorophenol	11.139	266	212141	96.333	ng	97
71) Phenanthrene	11.363	178	767406	45.478	ng	99
72) Anthracene	11.416	178	781249	45.448	ng	99
73) Carbazole	11.569	167	651358	44.375	ng	99
74) Di-n-butylphthalate	11.916	149	829647	53.977	ng	99
75) Fluoranthene	12.557	202	752451	42.971	ng	98
77) Benzidine	12.680	184	21740	6.777	ng	96
78) Pyrene	12.786	202	744149	49.880	ng	100
80) Butylbenzylphthalate	13.421	149	221515	63.998	ng	95
81) Benzo(a)anthracene	13.980	228	588947	48.669	ng	99
82) 3,3'-Dichlorobenzidine	13.945	252	102878	34.387	ng	100
83) Chrysene	14.015	228	552475	48.169	ng	99
84) Bis(2-ethylhexyl)phtha...	13.992	149	351199	66.630	ng	98
85) Di-n-octyl phthalate	14.610	149	548846	66.672	ng	95
87) Indeno(1,2,3-cd)pyrene	16.986	276	548894	42.786	ng	100
88) Benzo(b)fluoranthene	15.045	252	569233	45.403	ng	98
89) Benzo(k)fluoranthene	15.074	252	535095	43.680	ng	97
90) Benzo(a)pyrene	15.415	252	500791	45.216	ng	100
91) Dibenzo(a,h)anthracene	17.015	278	459086	44.400	ng	98
92) Benzo(g,h,i)perylene	17.445	276	406634	40.835	ng	99

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

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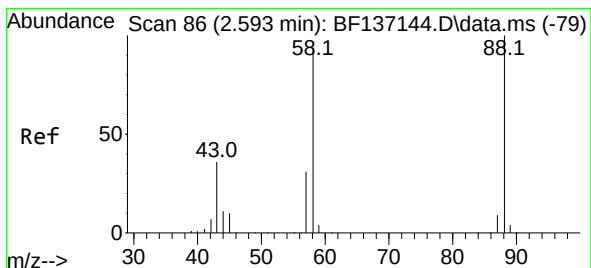
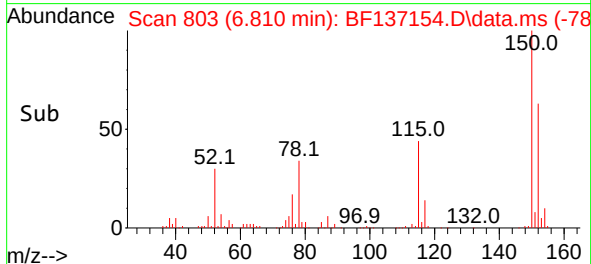
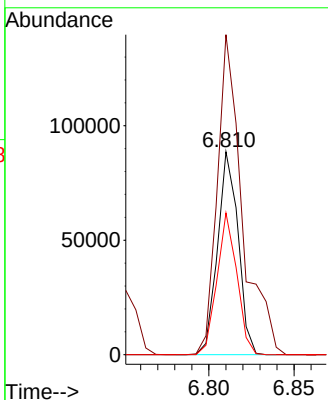
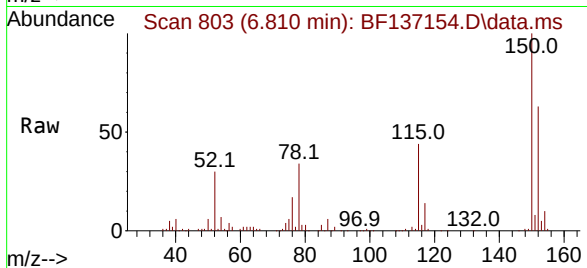




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.810 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF137154.D
 Acq: 25 Jan 2024 18:33

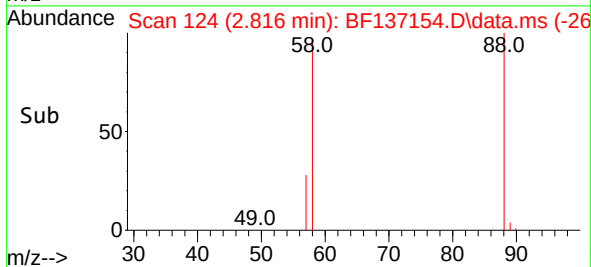
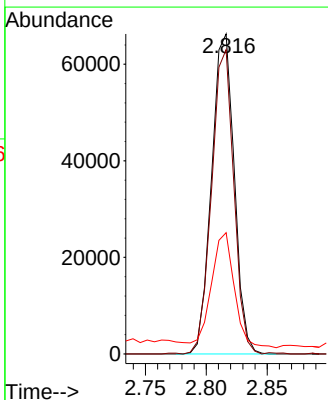
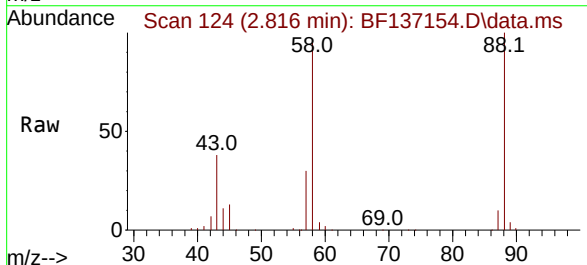
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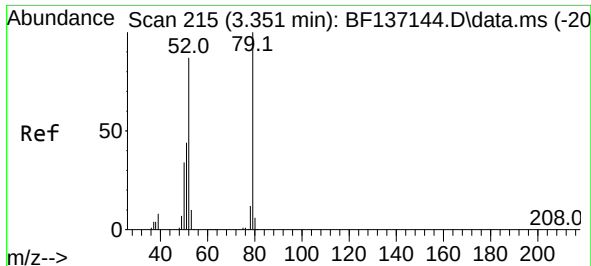
Tgt Ion:152 Resp: 74286
 Ion Ratio Lower Upper
 152 100
 150 157.7 121.2 181.8
 115 69.8 52.5 78.7



#2
 1,4-Dioxane
 Concen: 35.418 ng
 RT: 2.816 min Scan# 124
 Delta R.T. 0.224 min
 Lab File: BF137154.D
 Acq: 25 Jan 2024 18:33

Tgt Ion: 88 Resp: 85808
 Ion Ratio Lower Upper
 88 100
 58 93.3 76.9 115.3
 43 0.0 29.8 44.8#





#3

Pyridine

Concen: 28.876 ng

RT: 3.510 min Scan# 24

Delta R.T. 0.159 min

Lab File: BF137154.D

Acq: 25 Jan 2024 18:33

Instrument :

BNA_F

ClientSampleId :

72-11985MS

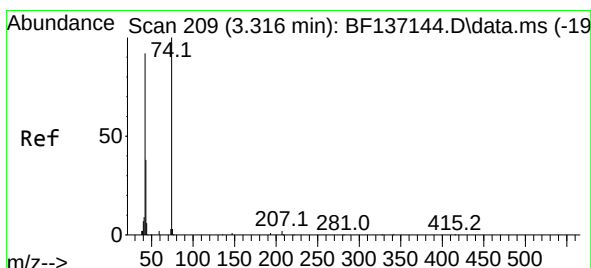
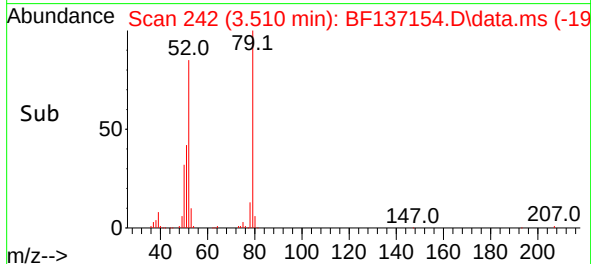
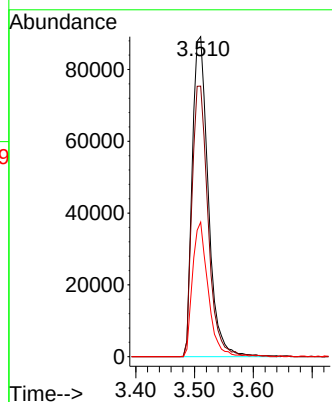
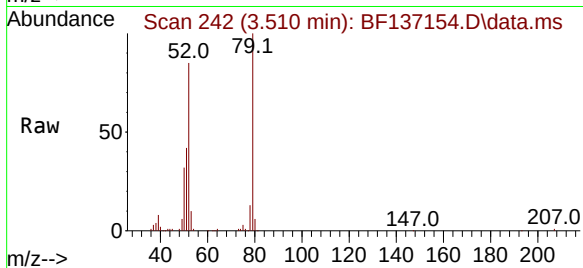
Tgt Ion: 79 Resp: 168838

Ion Ratio Lower Upper

79 100

52 84.6 69.8 104.8

51 42.1 35.1 52.7



#4

n-Nitrosodimethylamine

Concen: 40.006 ng

RT: 3.463 min Scan# 234

Delta R.T. 0.147 min

Lab File: BF137154.D

Acq: 25 Jan 2024 18:33

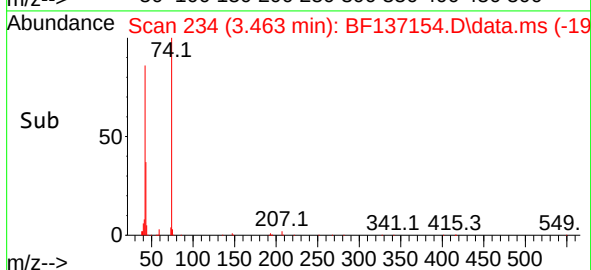
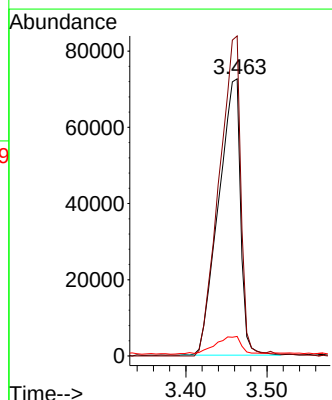
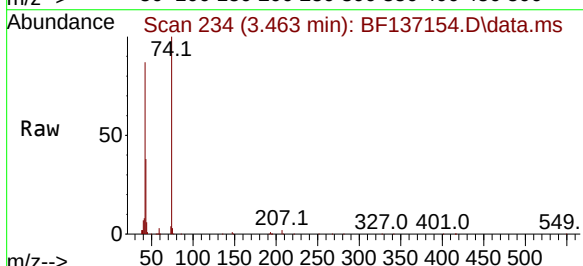
Tgt Ion: 42 Resp: 136306

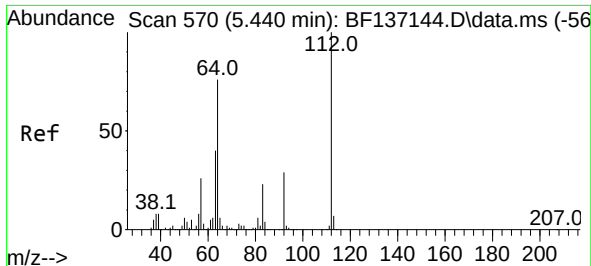
Ion Ratio Lower Upper

42 100

74 115.4 87.4 131.0

44 7.0 6.2 9.2

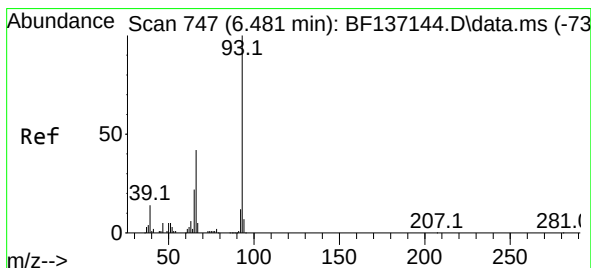
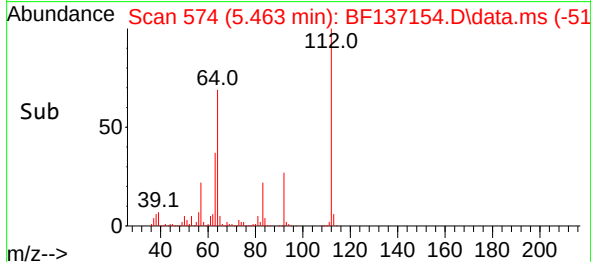
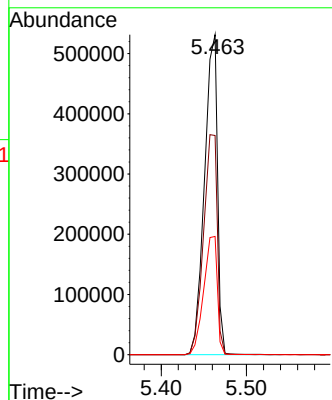
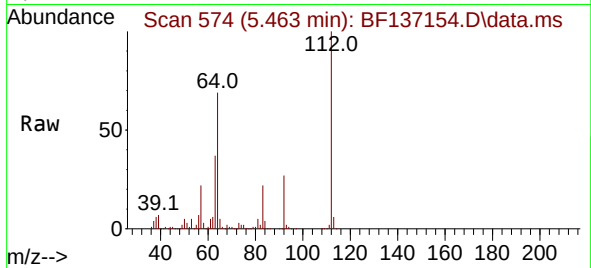




#5
2-Fluorophenol
Concen: 112.220 ng
RT: 5.463 min Scan# 51
Delta R.T. 0.024 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

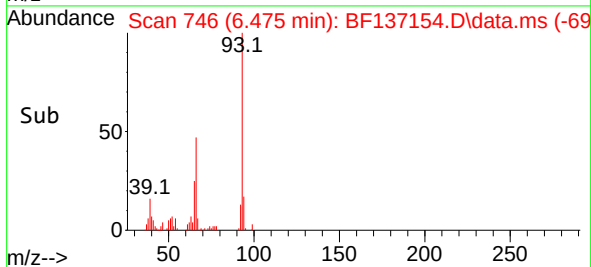
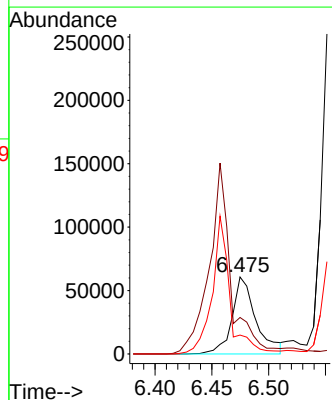
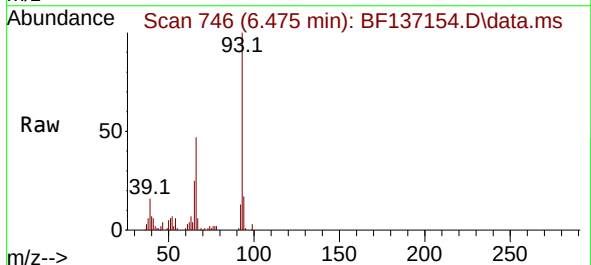
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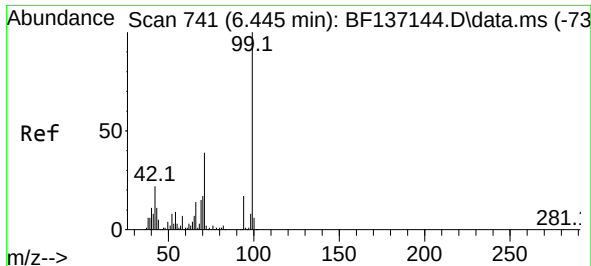
Tgt Ion:112 Resp: 562686
Ion Ratio Lower Upper
112 100
64 68.5 60.8 91.2
63 37.0 32.1 48.1



#6
Aniline
Concen: 11.083 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

Tgt Ion: 93 Resp: 88152
Ion Ratio Lower Upper
93 100
66 47.5 35.4 53.0
65 24.6 18.3 27.5

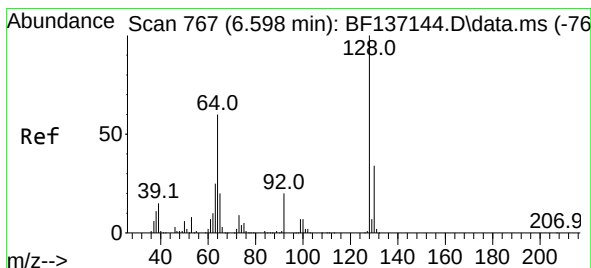
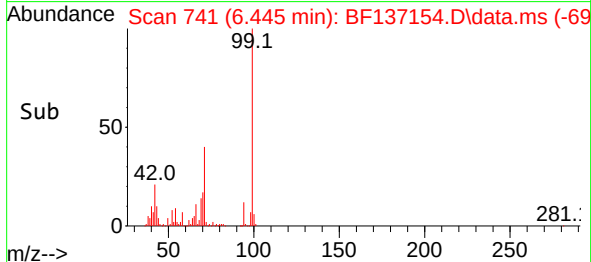
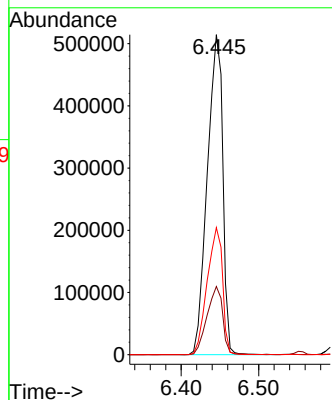
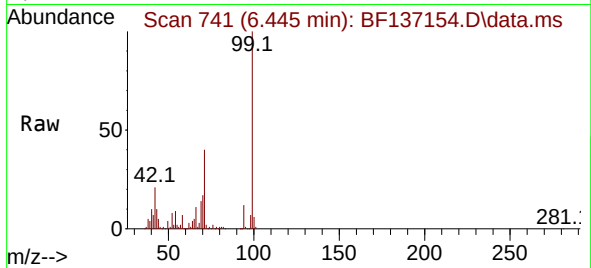




#7
Phenol-d6
Concen: 108.077 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

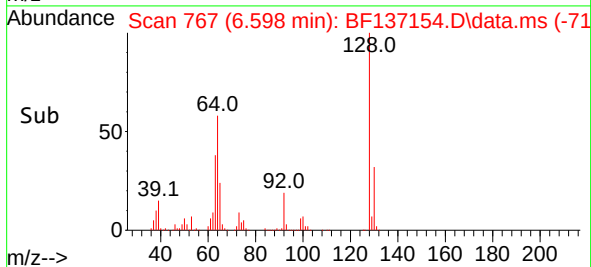
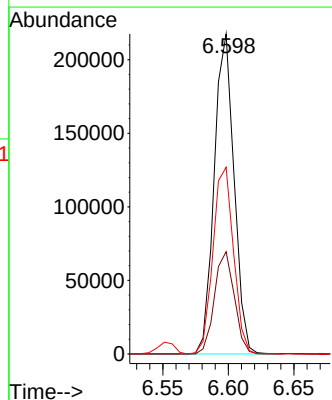
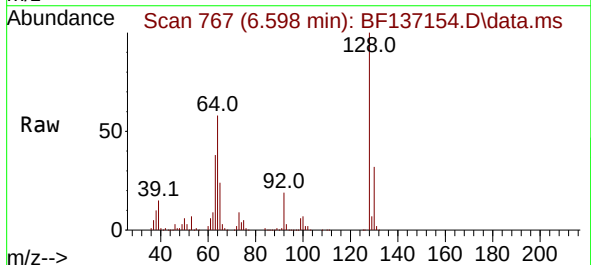
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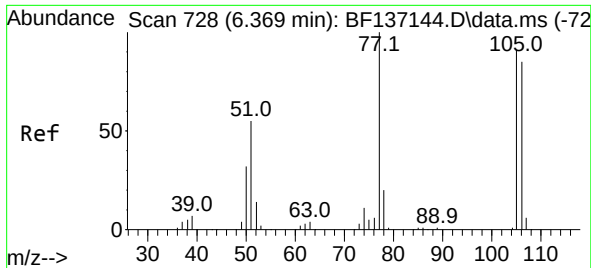
Tgt Ion: 99 Resp: 712513
Ion Ratio Lower Upper
99 100
42 21.3 17.5 26.3
71 39.7 31.2 46.8



#8
2-Chlorophenol
Concen: 44.439 ng
RT: 6.598 min Scan# 767
Delta R.T. 0.000 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

Tgt Ion:128 Resp: 228709
Ion Ratio Lower Upper
128 100
130 32.0 14.1 54.1
64 58.4 40.6 80.6



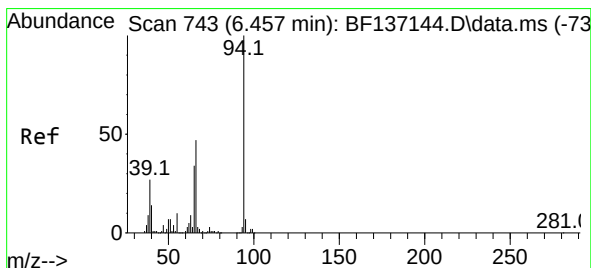
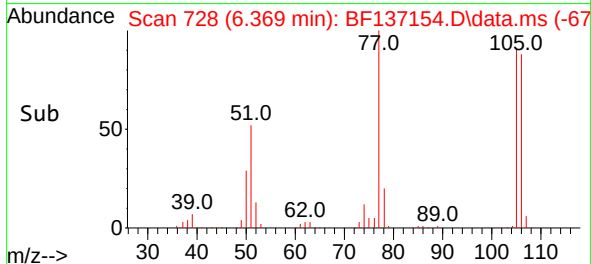
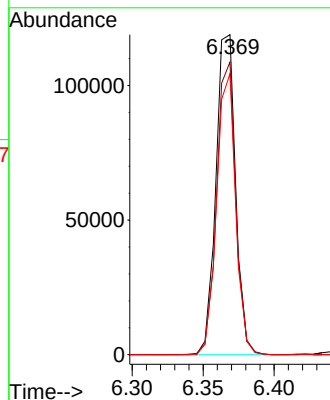
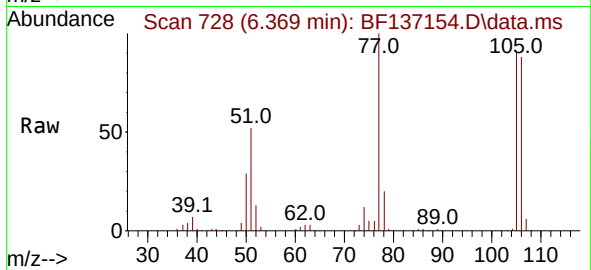


#9
Benzaldehyde
Concen: 33.107 ng
RT: 6.369 min Scan# 712
Delta R.T. 0.000 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

Instrument :
BNA_F
ClientSampleId :
72-11985MS

Tgt Ion: 77 Resp: 114502

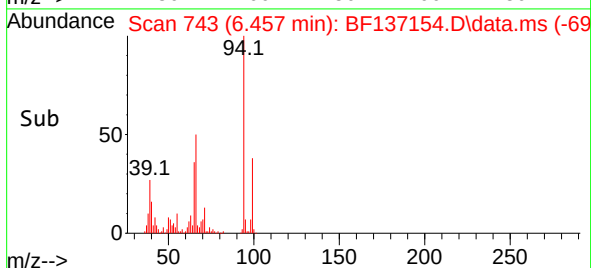
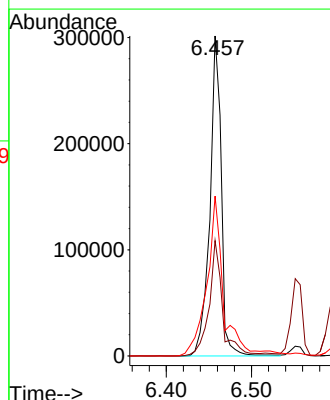
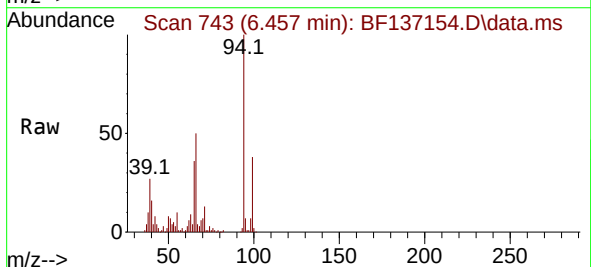
Ion	Ratio	Lower	Upper
77	100		
105	91.4	70.9	110.9
106	87.8	65.0	105.0

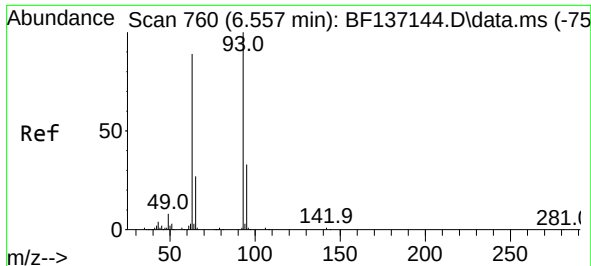


#10
Phenol
Concen: 37.240 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

Tgt Ion: 94 Resp: 280474

Ion	Ratio	Lower	Upper
94	100		
65	36.0	14.1	54.1
66	50.0	26.9	66.9

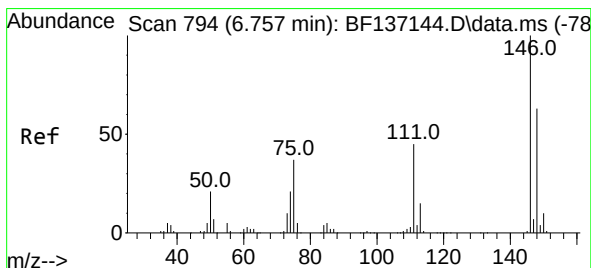
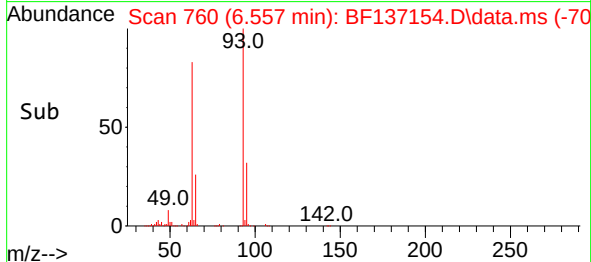
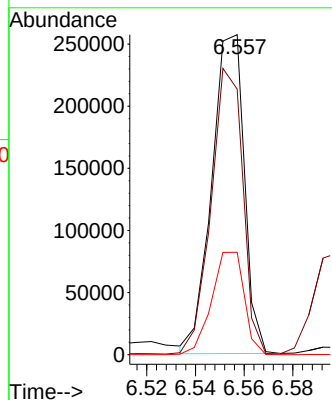
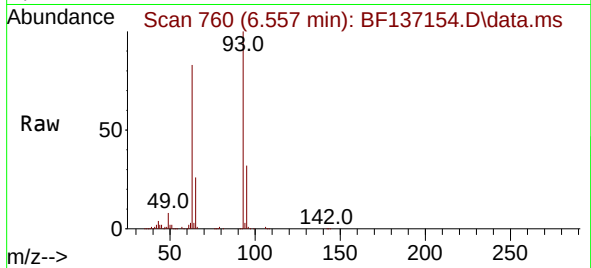




#11
bis(2-Chloroethyl)ether
Concen: 43.462 ng
RT: 6.557 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

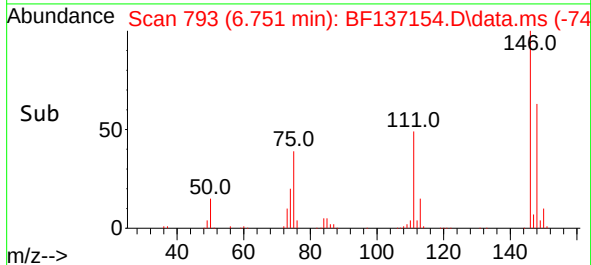
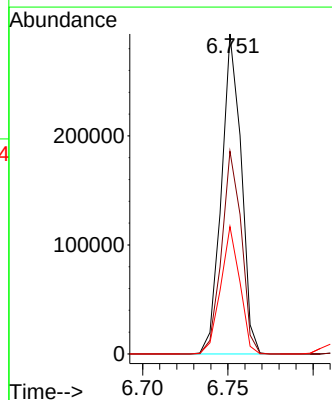
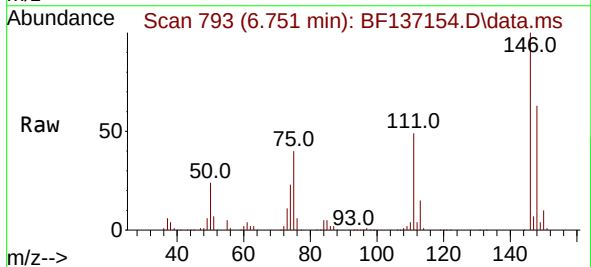
Instrument :
BNA_F
ClientSampleId :
72-11985MS

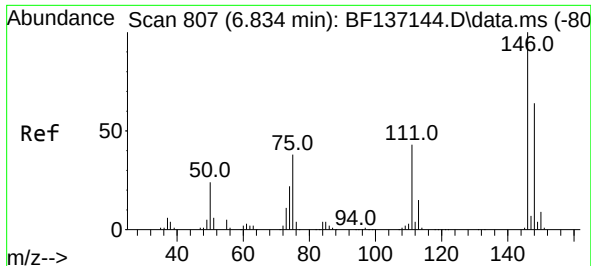
Tgt Ion: 93 Resp: 238645
Ion Ratio Lower Upper
93 100
63 83.0 69.3 109.3
95 32.0 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 40.275 ng
RT: 6.751 min Scan# 793
Delta R.T. -0.006 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

Tgt Ion:146 Resp: 236780
Ion Ratio Lower Upper
146 100
148 63.4 50.5 75.7
75 39.8 29.4 44.2





#13

1,4-Dichlorobenzene

Concen: 40.500 ng

RT: 6.828 min Scan# 807

Delta R.T. -0.006 min

Lab File: BF137154.D

Acq: 25 Jan 2024 18:33

Instrument :

BNA_F

ClientSampleId :

72-11985MS

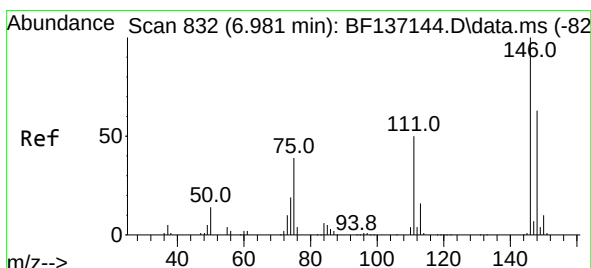
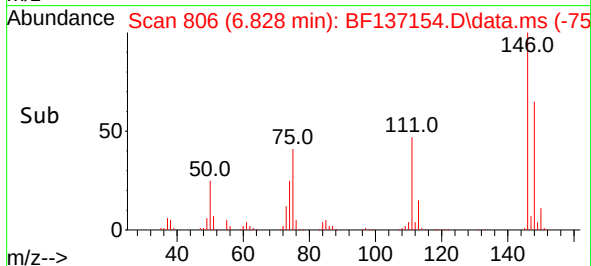
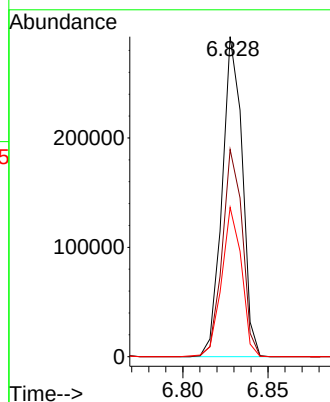
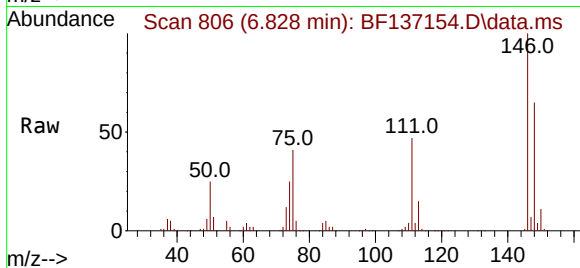
Tgt Ion:146 Resp: 240829

Ion Ratio Lower Upper

146 100

148 64.8 51.6 77.4

111 46.7 34.7 52.1



#14

1,2-Dichlorobenzene

Concen: 41.139 ng

RT: 6.981 min Scan# 832

Delta R.T. 0.000 min

Lab File: BF137154.D

Acq: 25 Jan 2024 18:33

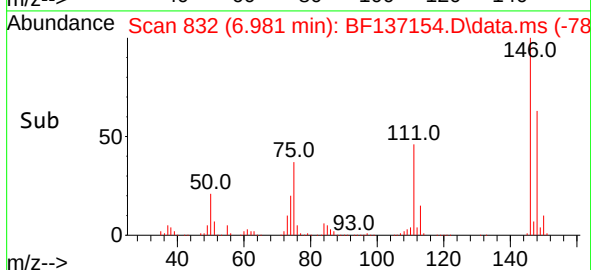
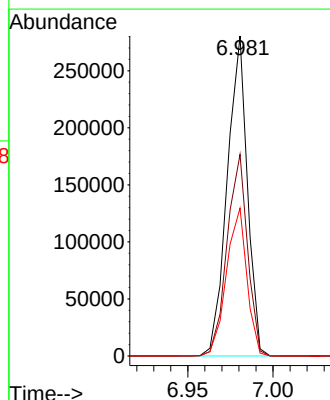
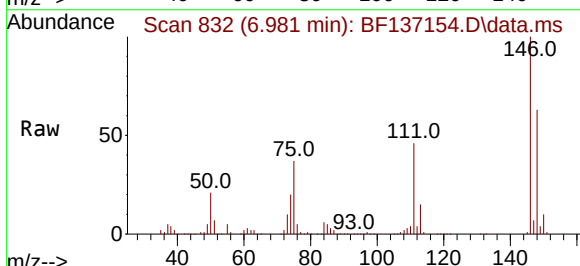
Tgt Ion:146 Resp: 231183

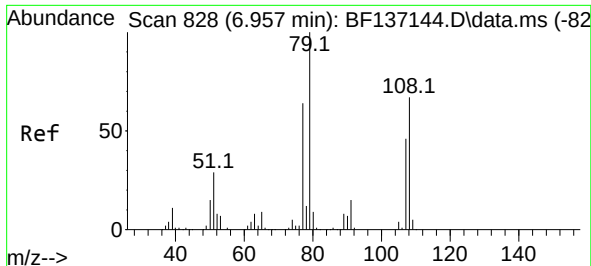
Ion Ratio Lower Upper

146 100

148 63.0 50.4 75.6

111 46.2 39.6 59.4

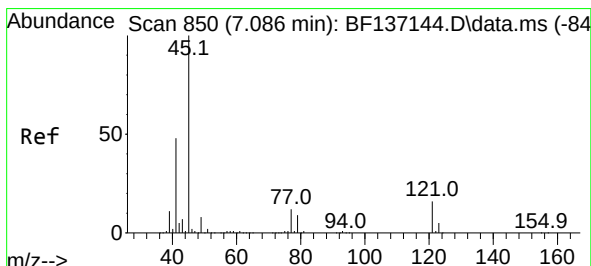
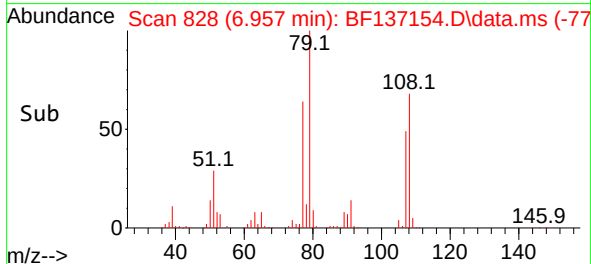
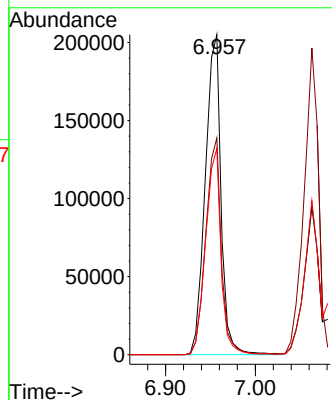
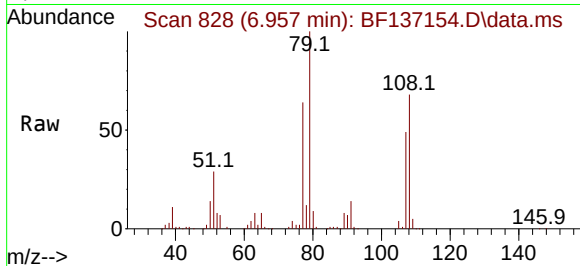




#15
Benzyl Alcohol
Concen: 46.571 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

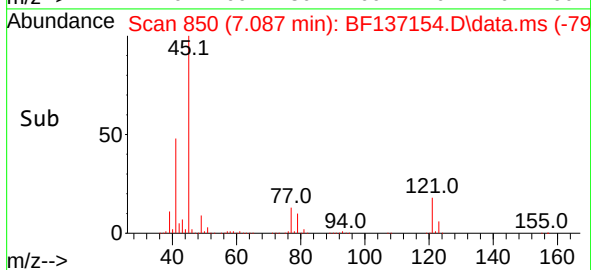
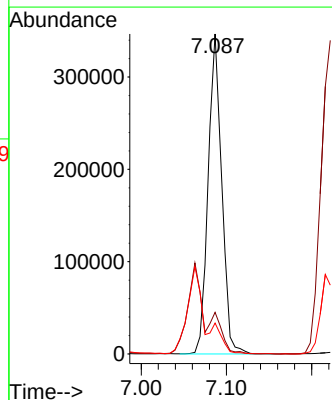
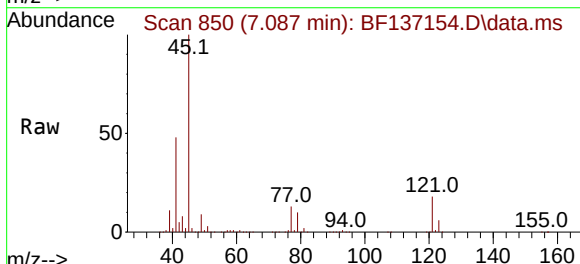
Instrument :
BNA_F
ClientSampleId :
72-11985MS

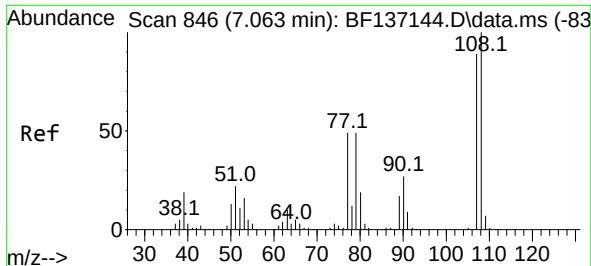
Tgt Ion: 79 Resp: 248908
Ion Ratio Lower Upper
79 100
108 67.7 53.3 79.9
77 64.4 51.1 76.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.566 ng
RT: 7.087 min Scan# 850
Delta R.T. 0.000 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

Tgt Ion: 45 Resp: 383327
Ion Ratio Lower Upper
45 100
77 13.0 0.0 31.9
79 9.6 0.0 28.9

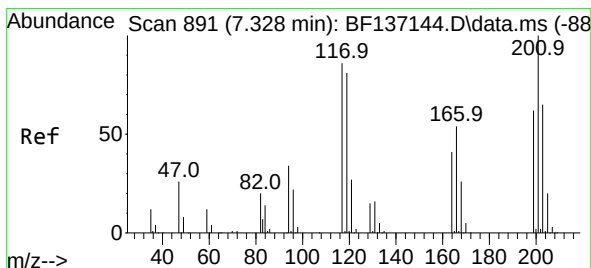
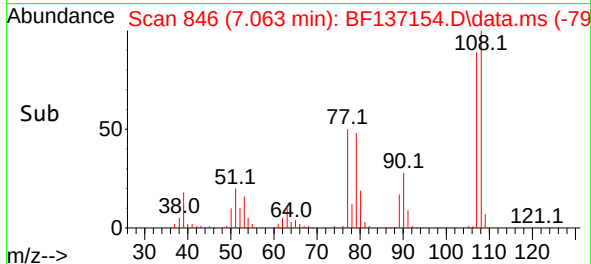
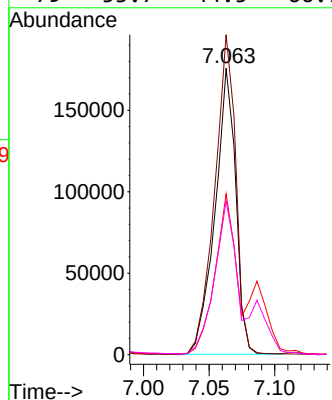
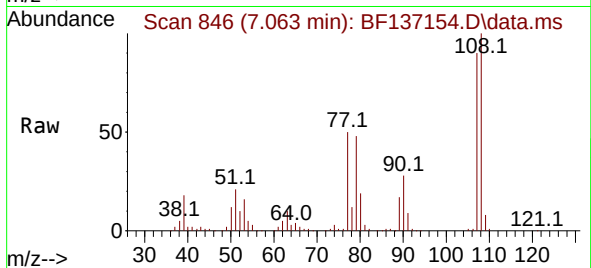




#17
2-Methylphenol
Concen: 43.430 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

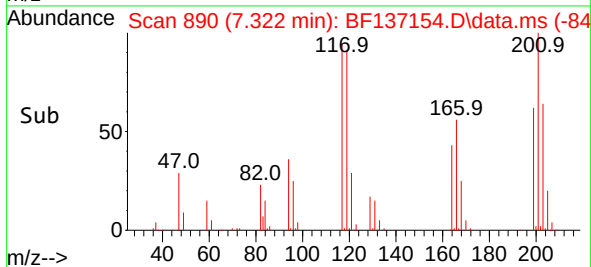
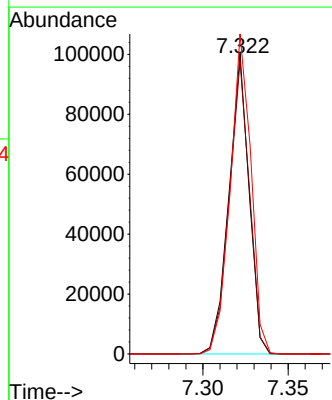
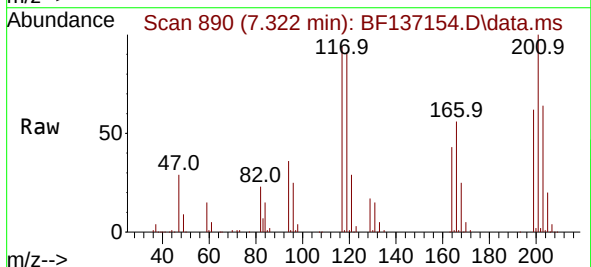
Instrument :
BNA_F
ClientSampleId :
72-11985MS

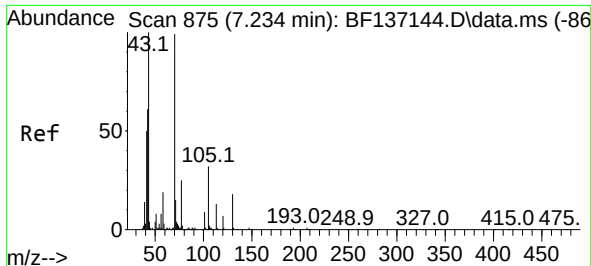
Tgt Ion:	107	Resp:	191545
Ion	Ratio	Lower	Upper
107	100		
108	111.7	89.8	134.6
77	56.1	44.2	66.4
79	53.7	44.5	66.7



#18
Hexachloroethane
Concen: 40.898 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.006 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

Tgt Ion:	117	Resp:	82091
Ion	Ratio	Lower	Upper
117	100		
119	97.4	75.8	113.6
201	106.4	93.0	139.6

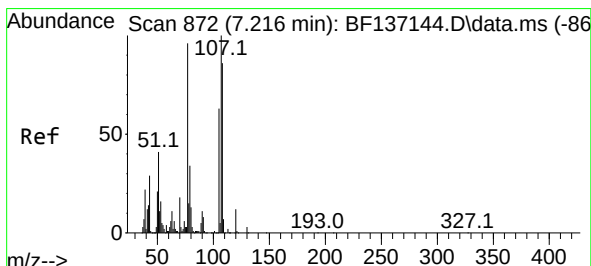
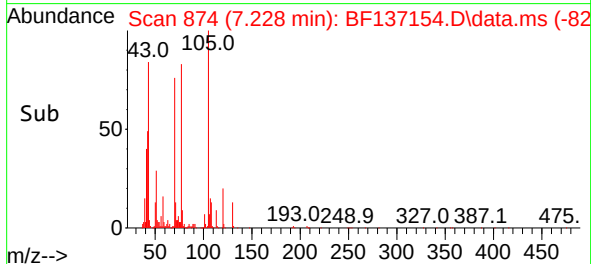
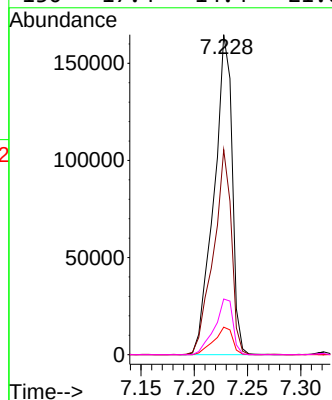
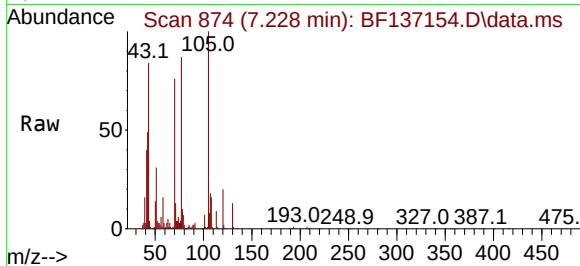




#19
n-Nitroso-di-n-propylamine
Concen: 43.900 ng
RT: 7.228 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

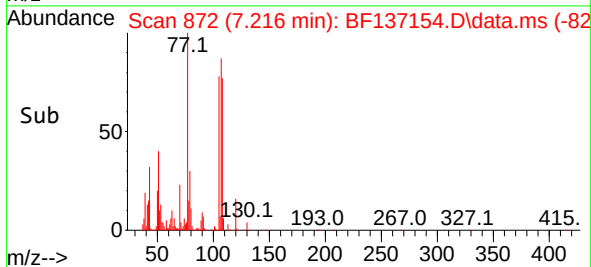
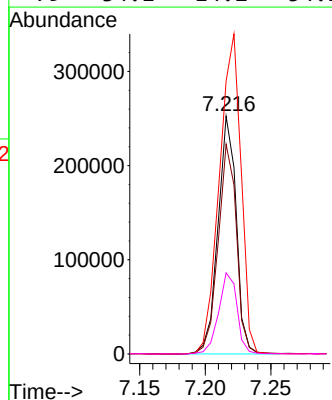
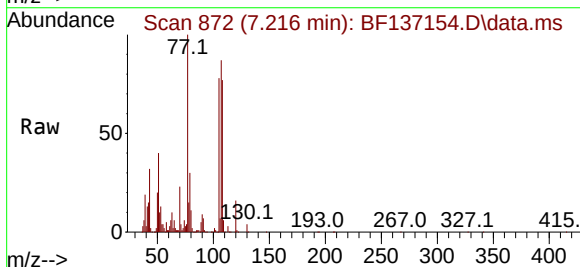
Instrument :
BNA_F
ClientSampleId :
72-11985MS

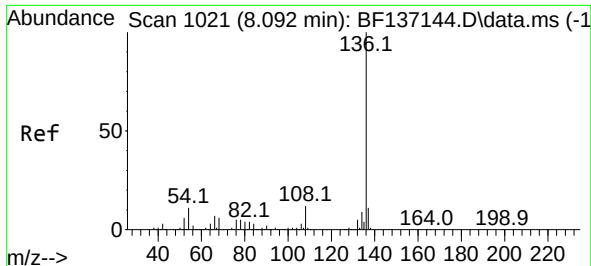
Tgt Ion: 70 Resp: 195809
Ion Ratio Lower Upper
70 100
42 64.1 49.3 73.9
101 8.6 7.4 11.0
130 17.4 14.4 21.6



#20
3+4-Methylphenols
Concen: 43.756 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

Tgt Ion: 107 Resp: 243868
Ion Ratio Lower Upper
107 100
108 88.2 66.0 106.0
77 114.8 76.4 116.4
79 34.1 14.2 54.2

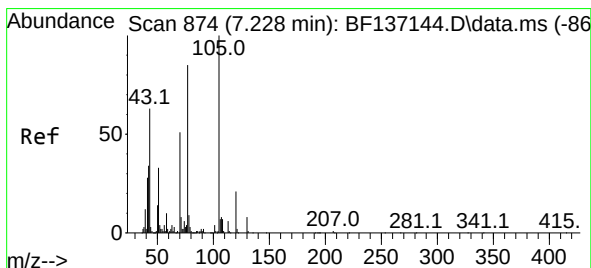
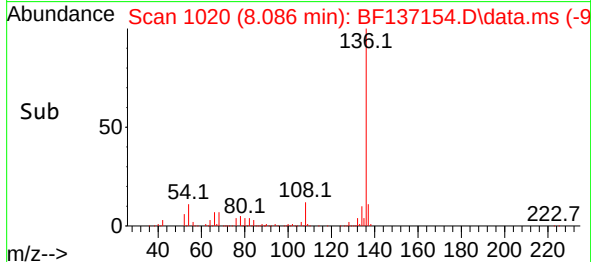
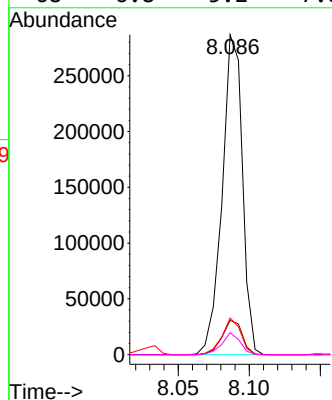
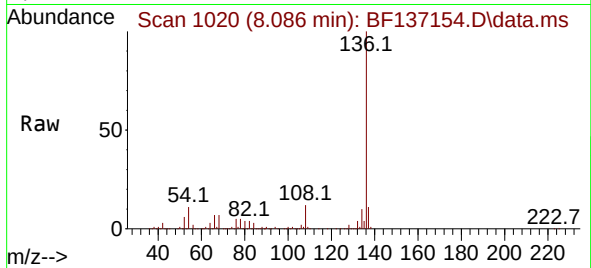




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

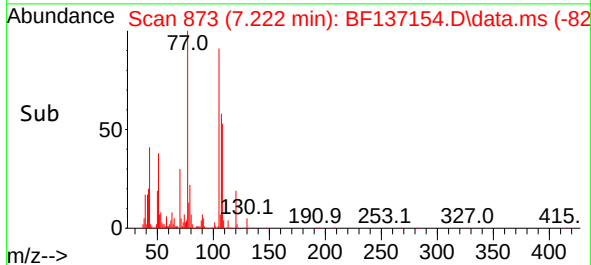
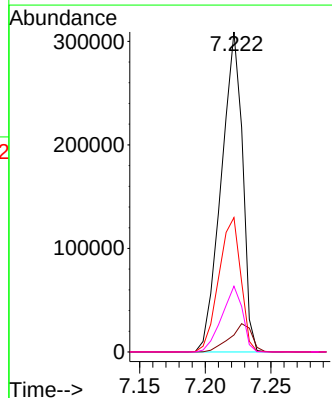
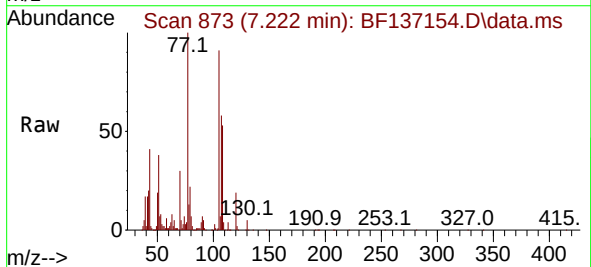
Instrument :
BNA_F
ClientSampleId :
72-11985MS

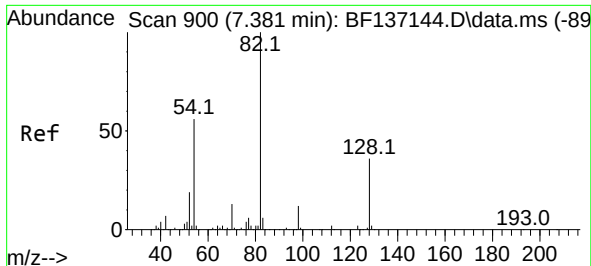
Tgt Ion:136 Resp: 284041
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 11.5 8.8 13.2
68 6.8 5.2 7.8



#22
Acetophenone
Concen: 43.182 ng
RT: 7.222 min Scan# 873
Delta R.T. -0.006 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

Tgt Ion:105 Resp: 348692
Ion Ratio Lower Upper
105 100
71 5.3 6.3 9.5#
51 42.0 26.1 39.1#
120 20.5 16.5 24.7





#23

Nitrobenzene-d5

Concen: 84.306 ng

RT: 7.375 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF137154.D

Acq: 25 Jan 2024 18:33

Instrument :

BNA_F

ClientSampleId :

72-11985MS

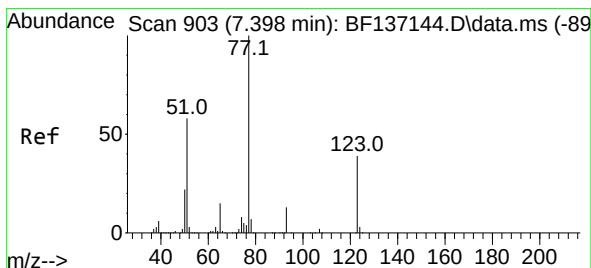
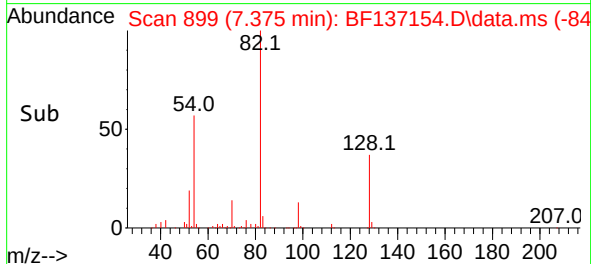
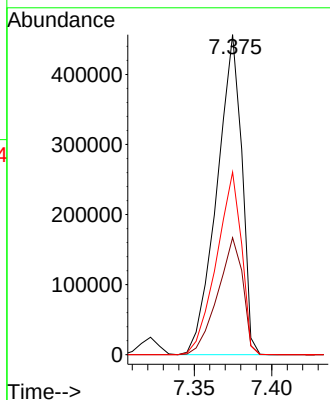
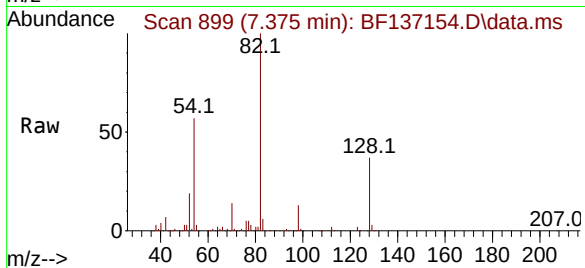
Tgt Ion: 82 Resp: 510818

Ion Ratio Lower Upper

82 100

128 36.6 29.0 43.6

54 57.0 44.6 67.0



#24

Nitrobenzene

Concen: 46.811 ng

RT: 7.392 min Scan# 902

Delta R.T. -0.006 min

Lab File: BF137154.D

Acq: 25 Jan 2024 18:33

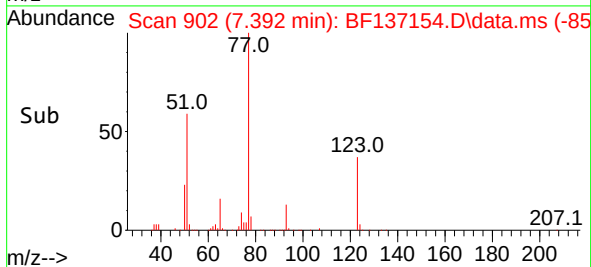
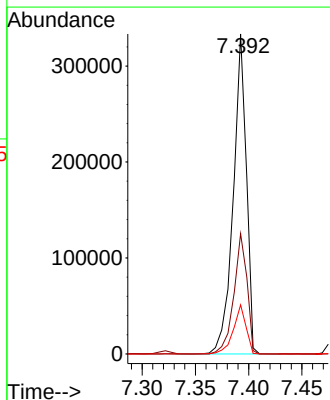
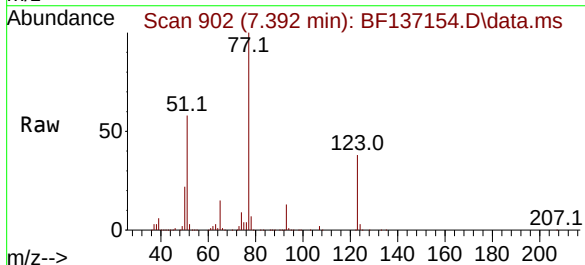
Tgt Ion: 77 Resp: 285220

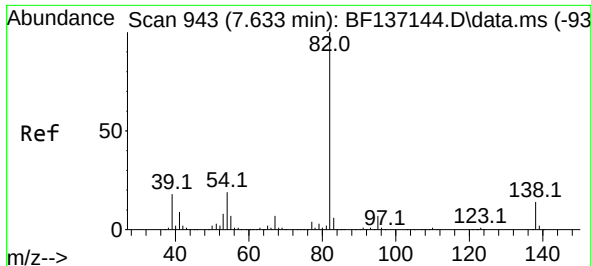
Ion Ratio Lower Upper

77 100

123 37.6 31.6 47.4

65 15.4 11.6 17.4

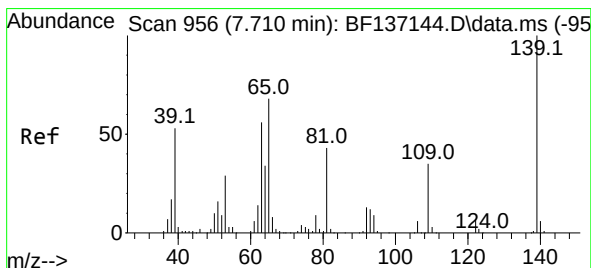
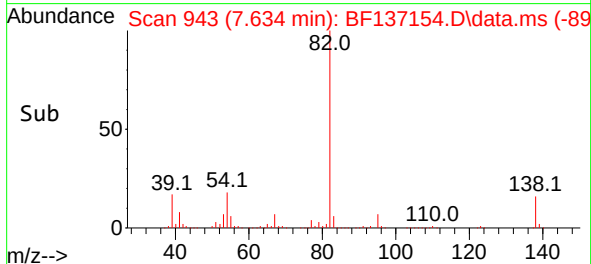
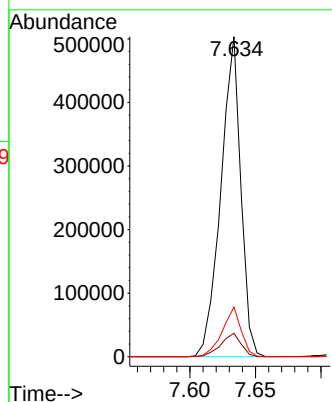
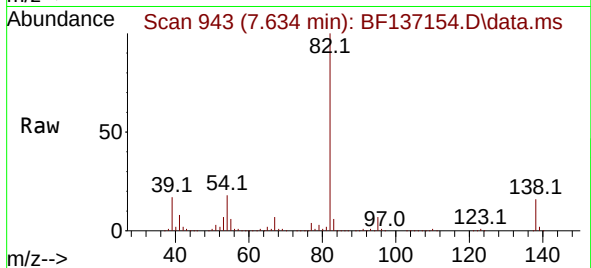




#25
Isophorone
Concen: 44.388 ng
RT: 7.634 min Scan# 943
Delta R.T. 0.001 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

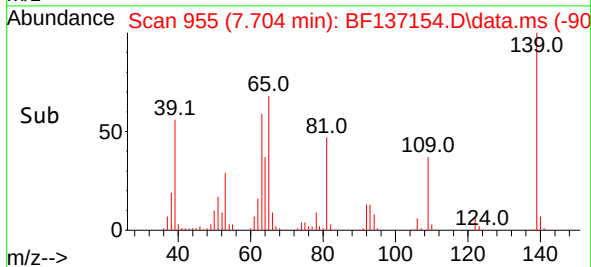
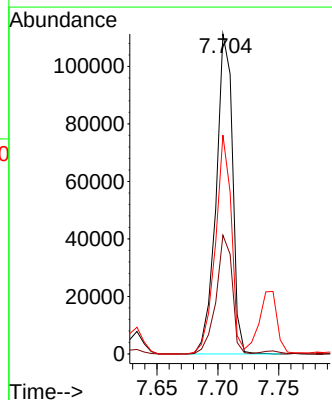
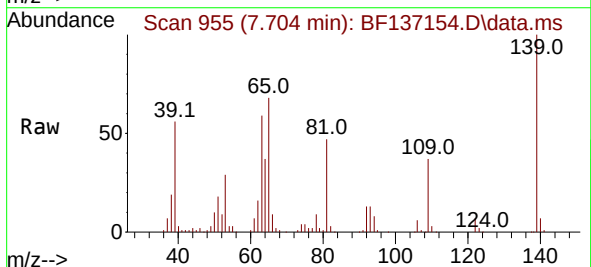
Instrument :
BNA_F
ClientSampleId :
72-11985MS

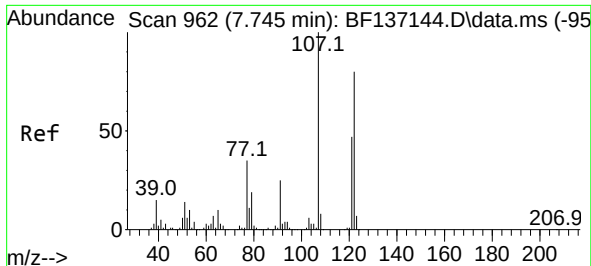
Tgt Ion: 82 Resp: 531068
Ion Ratio Lower Upper
82 100
95 7.3 5.7 8.5
138 15.5 11.5 17.3



#26
2-Nitrophenol
Concen: 49.780 ng
RT: 7.704 min Scan# 955
Delta R.T. -0.006 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

Tgt Ion: 139 Resp: 104494
Ion Ratio Lower Upper
139 100
109 37.1 27.8 41.8
65 68.4 54.6 82.0





#27

2,4-Dimethylphenol

Concen: 46.461 ng

RT: 7.745 min Scan# 962

Delta R.T. 0.000 min

Lab File: BF137154.D

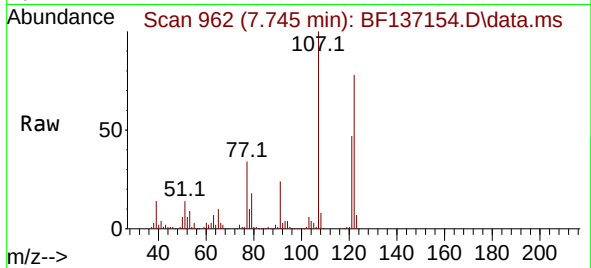
Acq: 25 Jan 2024 18:33

Instrument :

BNA_F

ClientSampleId :

72-11985MS



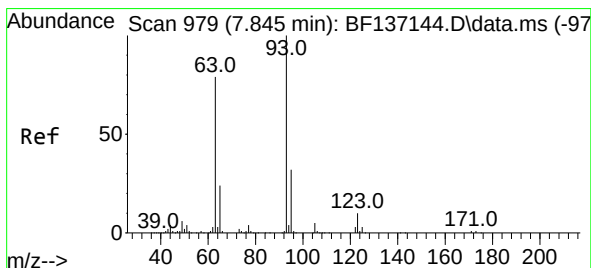
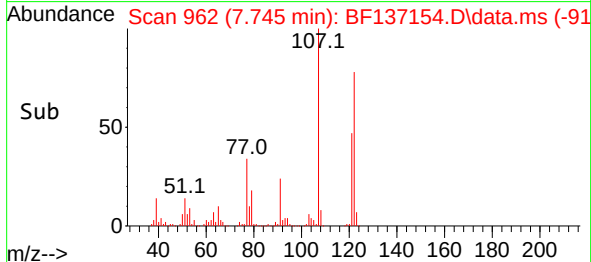
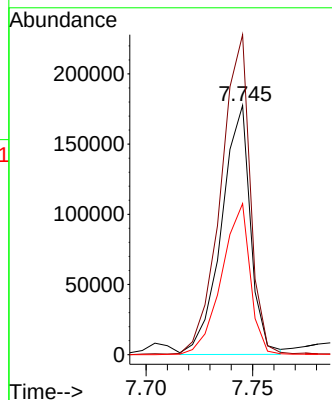
Tgt Ion:122 Resp: 168085

Ion Ratio Lower Upper

122 100

107 128.4 100.2 150.2

121 60.6 47.2 70.8



#28

bis(2-Chloroethoxy)methane

Concen: 44.306 ng

RT: 7.845 min Scan# 979

Delta R.T. 0.000 min

Lab File: BF137154.D

Acq: 25 Jan 2024 18:33

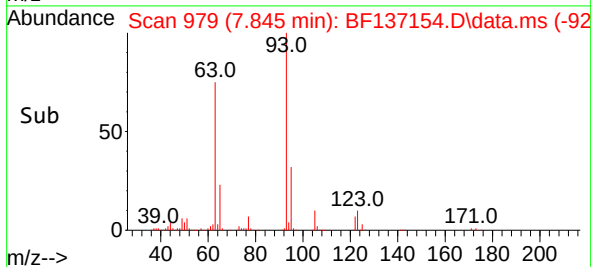
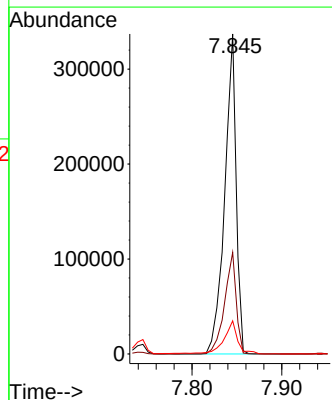
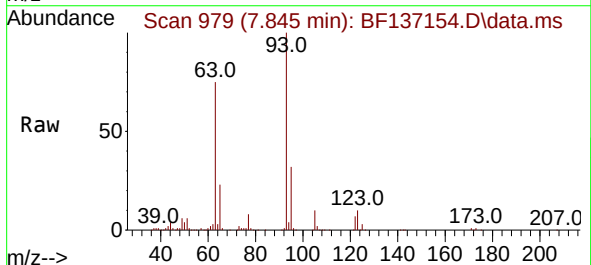
Tgt Ion: 93 Resp: 298664

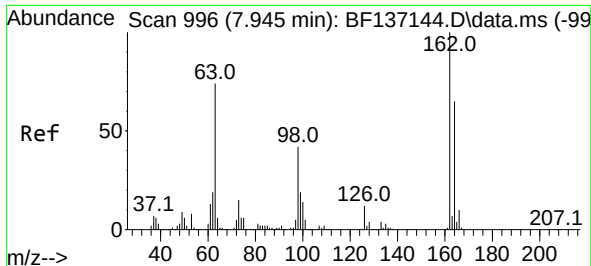
Ion Ratio Lower Upper

93 100

95 31.7 25.9 38.9

123 10.4 7.9 11.9

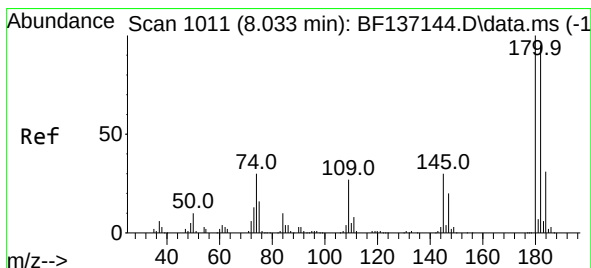
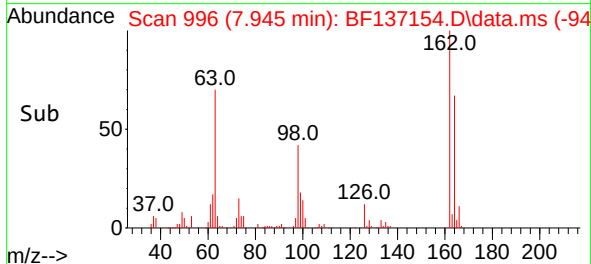
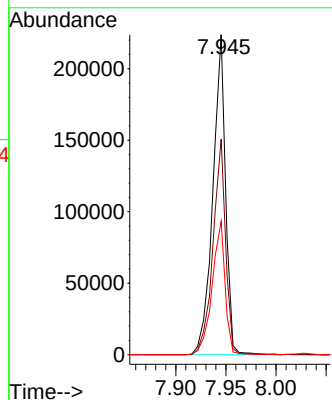
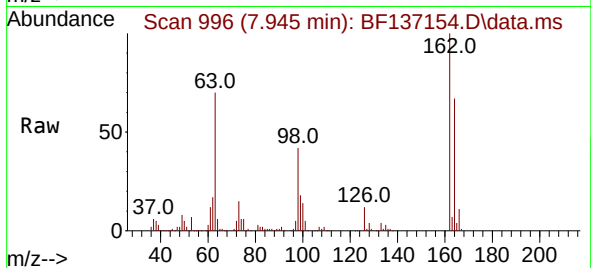




#29
2,4-Dichlorophenol
Concen: 45.605 ng
RT: 7.945 min Scan# 996
Delta R.T. 0.000 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

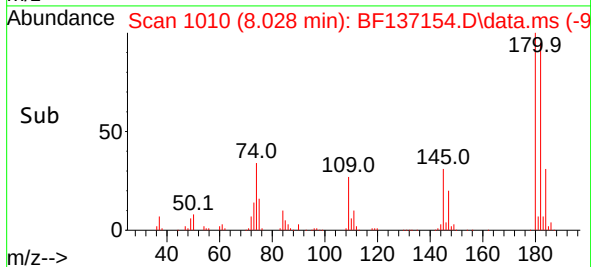
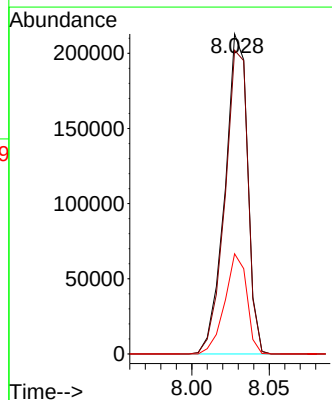
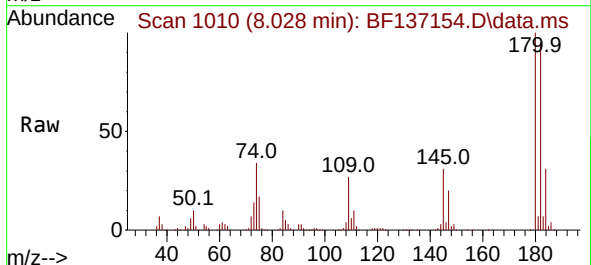
Instrument :
BNA_F
ClientSampleId :
72-11985MS

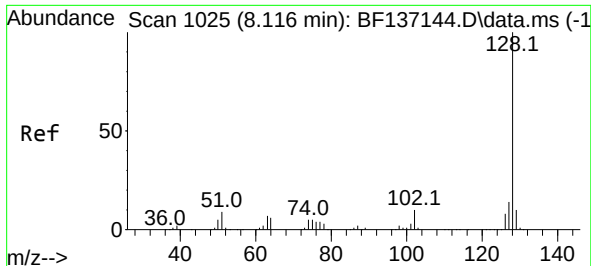
Tgt Ion:162 Resp: 198325
Ion Ratio Lower Upper
162 100
164 67.4 44.9 84.9
98 41.7 22.4 62.4



#30
1,2,4-Trichlorobenzene
Concen: 42.380 ng
RT: 8.028 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

Tgt Ion:180 Resp: 217014
Ion Ratio Lower Upper
180 100
182 94.9 76.2 114.4
145 31.3 24.4 36.6

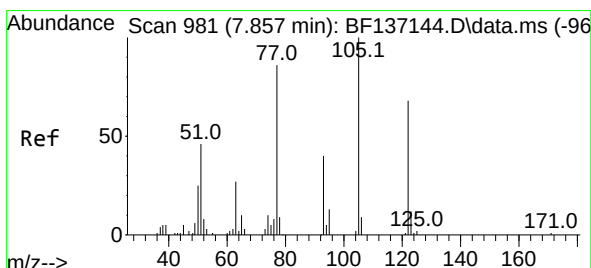
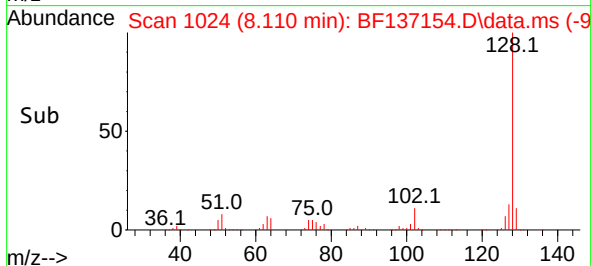
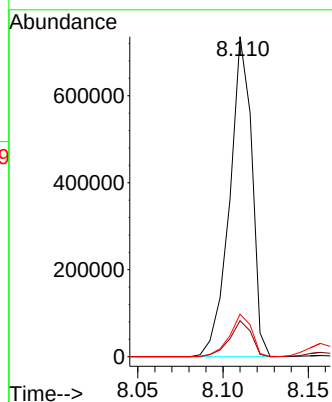
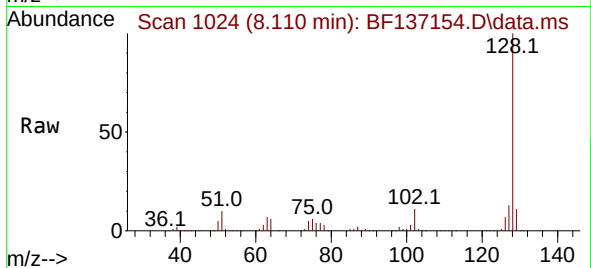




#31
Naphthalene
Concen: 43.465 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

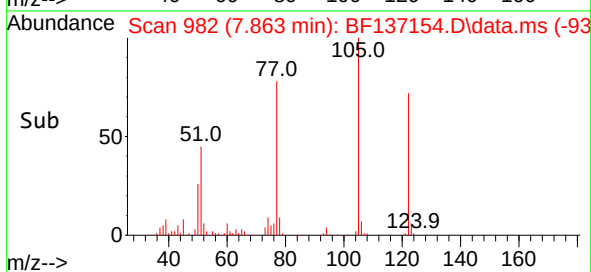
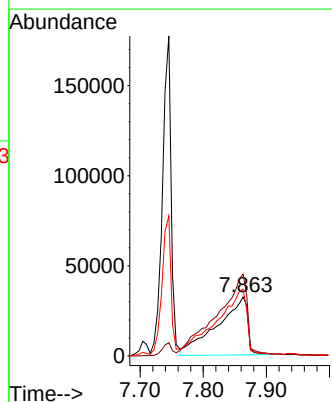
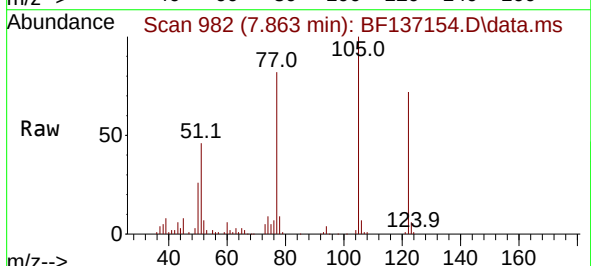
Instrument :
BNA_F
ClientSampleId :
72-11985MS

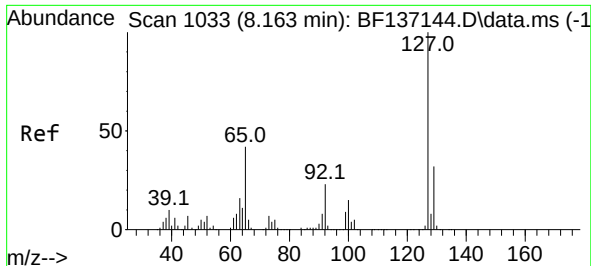
Tgt Ion:128 Resp: 666655
Ion Ratio Lower Upper
128 100
129 11.2 8.4 12.6
127 13.3 10.8 16.2



#32
Benzoic acid
Concen: 45.906 ng
RT: 7.863 min Scan# 982
Delta R.T. 0.006 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

Tgt Ion:122 Resp: 108151
Ion Ratio Lower Upper
122 100
105 138.5 123.2 163.2
77 113.0 107.6 147.6

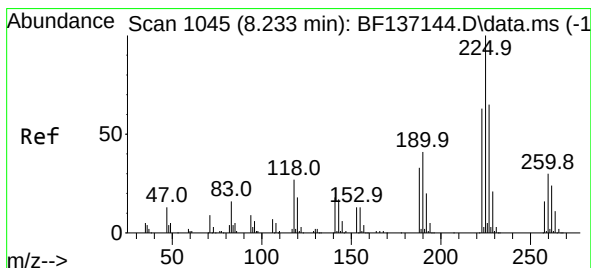
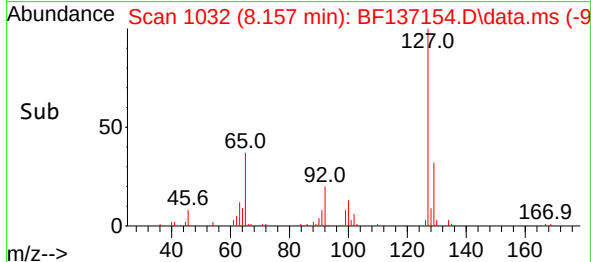
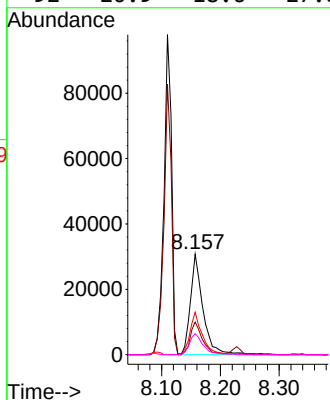
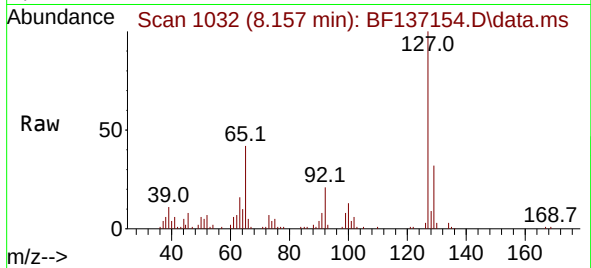




#33
4-Chloroaniline
Concen: 7.982 ng
RT: 8.157 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

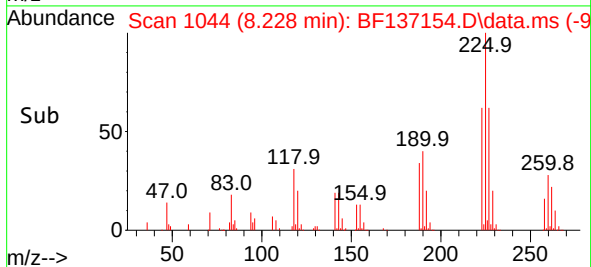
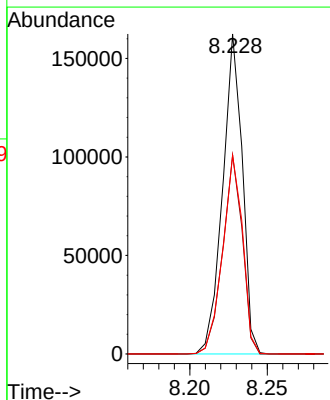
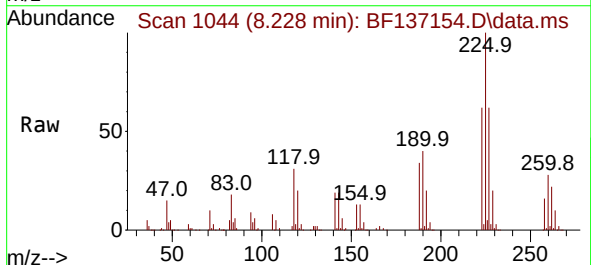
Instrument :
BNA_F
ClientSampleId :
72-11985MS

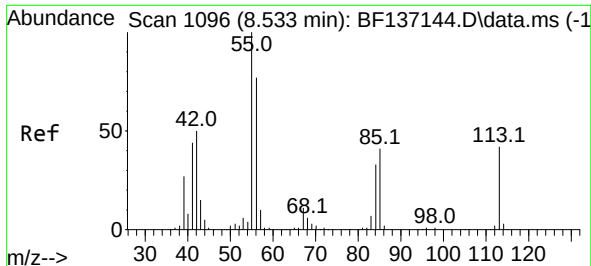
Tgt Ion:127	Resp:	46216
Ion Ratio	Lower	Upper
127	100	
129	32.4	25.6 38.4
65	42.3	33.8 50.6
92	20.9	18.6 27.8



#34
Hexachlorobutadiene
Concen: 42.296 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

Tgt Ion:225	Resp:	143357
Ion Ratio	Lower	Upper
225	100	
223	62.2	50.7 76.1
227	62.1	52.0 78.0

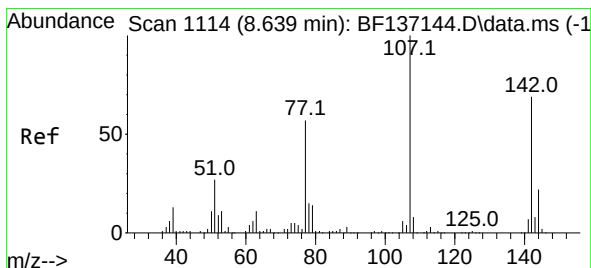
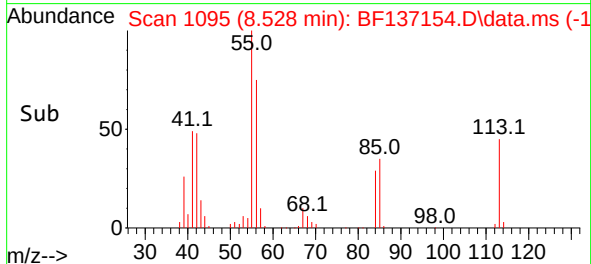
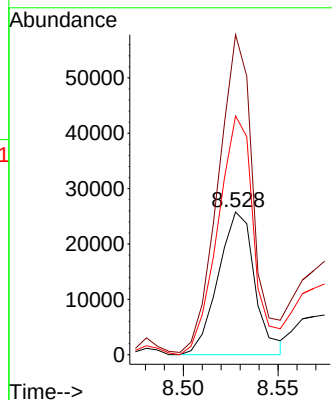
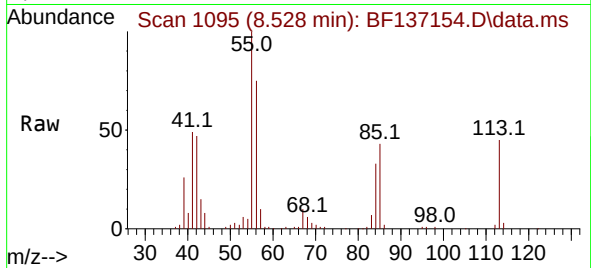




#35
Caprolactam
Concen: 26.408 ng
RT: 8.528 min Scan# 1096
Delta R.T. -0.006 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

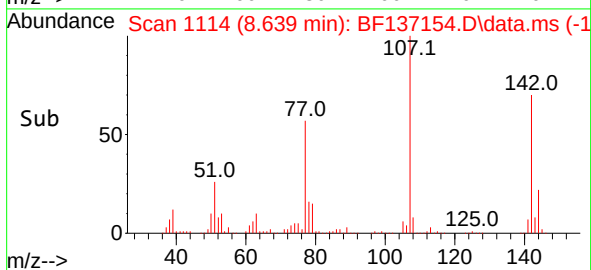
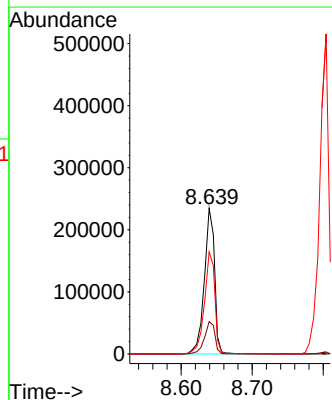
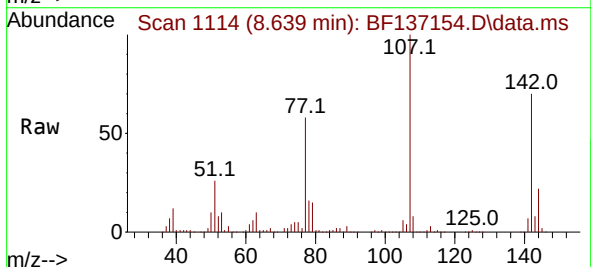
Instrument :
BNA_F
ClientSampleId :
72-11985MS

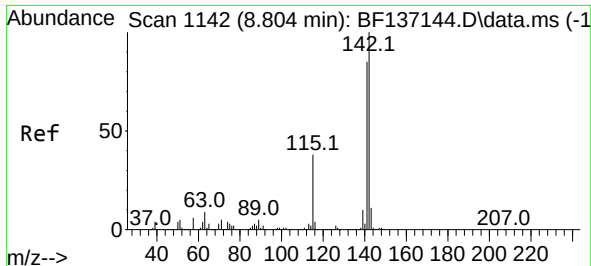
Tgt Ion:113 Resp: 34647
Ion Ratio Lower Upper
113 100
55 224.2 215.7 255.7
56 167.2 160.8 200.8



#36
4-Chloro-3-methylphenol
Concen: 47.796 ng
RT: 8.639 min Scan# 1114
Delta R.T. 0.000 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

Tgt Ion:107 Resp: 236753
Ion Ratio Lower Upper
107 100
144 22.2 17.8 26.6
142 70.1 54.8 82.2

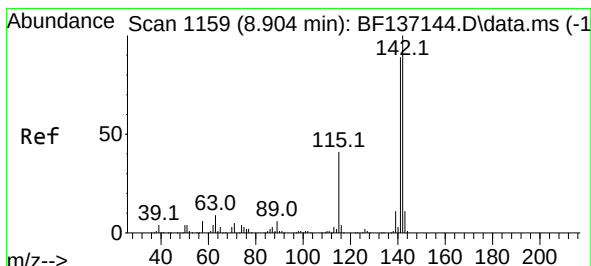
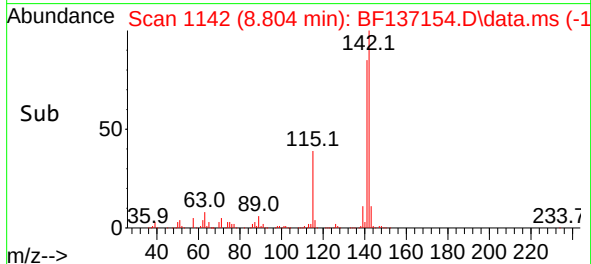
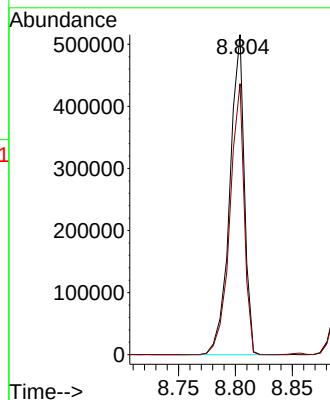
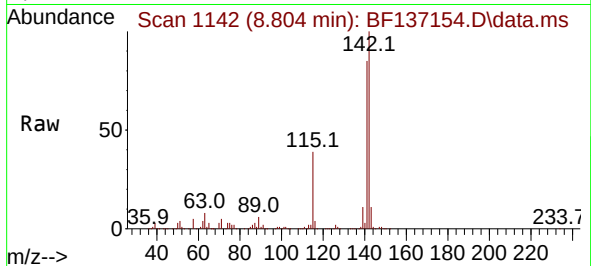




#37
2-Methylnaphthalene
Concen: 44.365 ng
RT: 8.804 min Scan# 1142
Delta R.T. 0.000 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

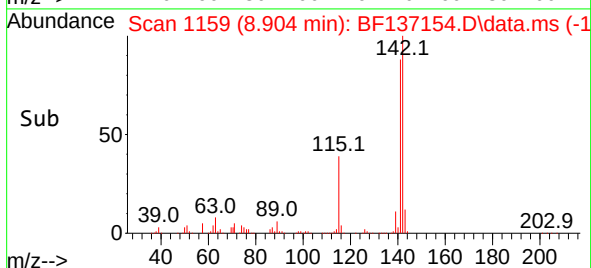
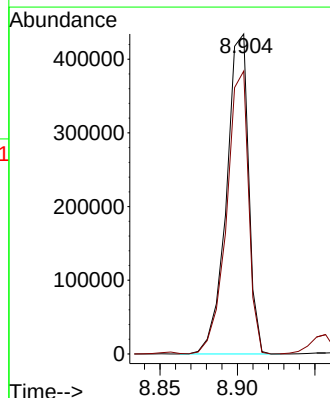
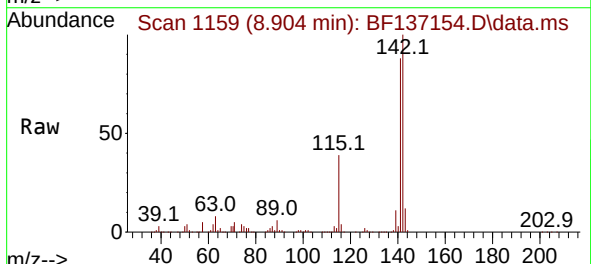
Instrument :
BNA_F
ClientSampleId :
72-11985MS

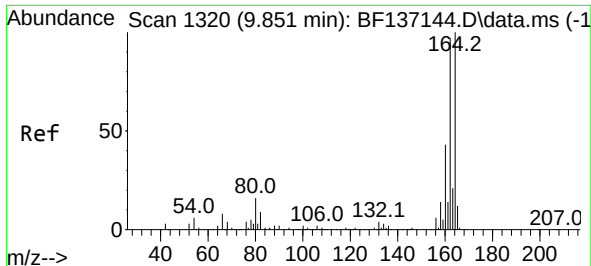
Tgt Ion:142 Resp: 458284
Ion Ratio Lower Upper
142 100
141 84.7 67.8 101.6



#38
1-Methylnaphthalene
Concen: 44.956 ng
RT: 8.904 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

Tgt Ion:142 Resp: 431485
Ion Ratio Lower Upper
142 100
141 88.4 71.0 106.6

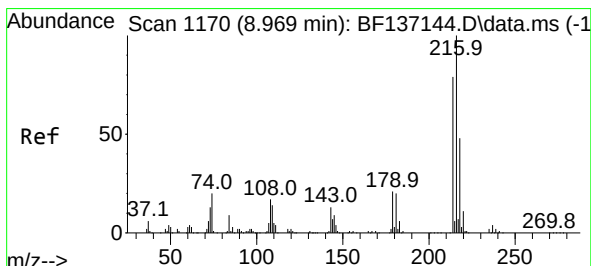
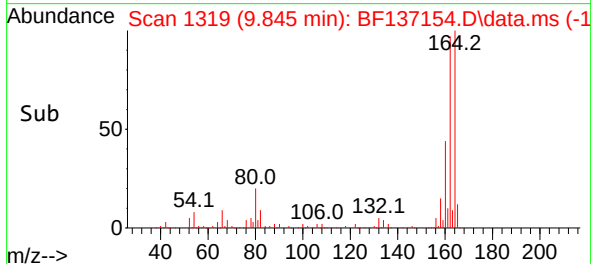
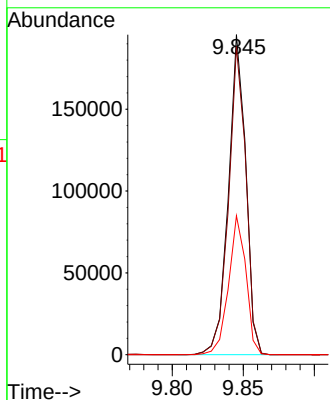
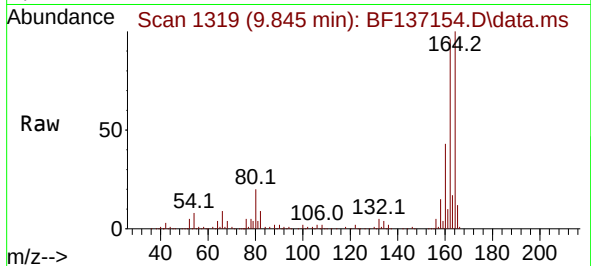




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

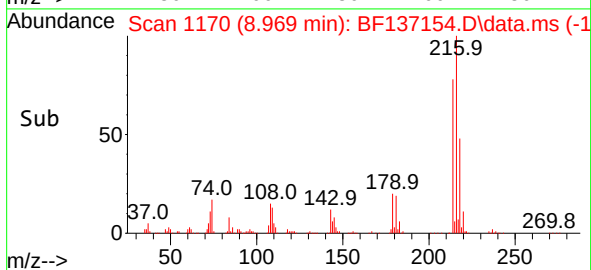
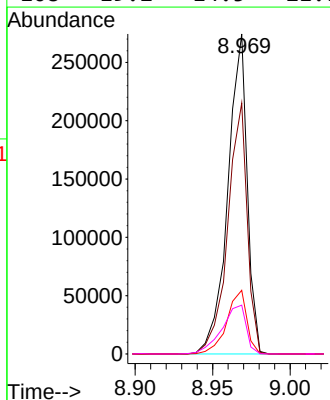
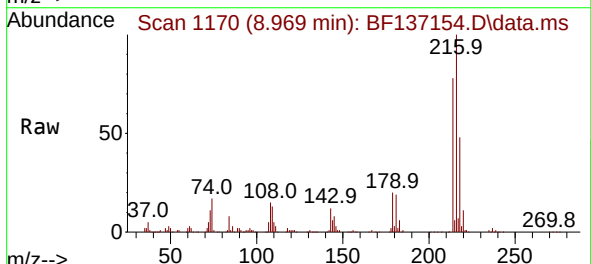
Instrument :
BNA_F
ClientSampleId :
72-11985MS

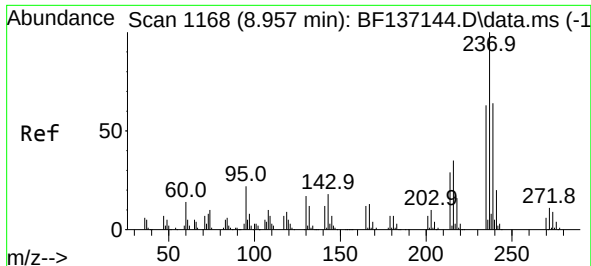
Tgt Ion:164 Resp: 165937
Ion Ratio Lower Upper
164 100
162 96.2 77.5 116.3
160 43.4 34.7 52.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.340 ng
RT: 8.969 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

Tgt Ion:216 Resp: 238826
Ion Ratio Lower Upper
216 100
214 78.7 63.1 94.7
179 20.5 16.2 24.4
108 19.2 14.5 21.7

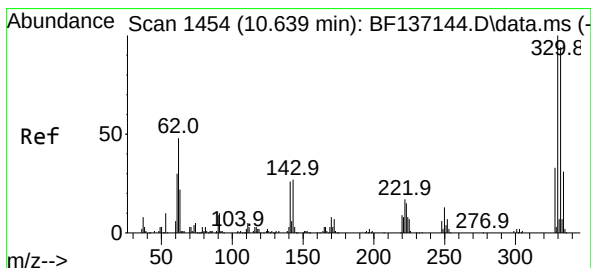
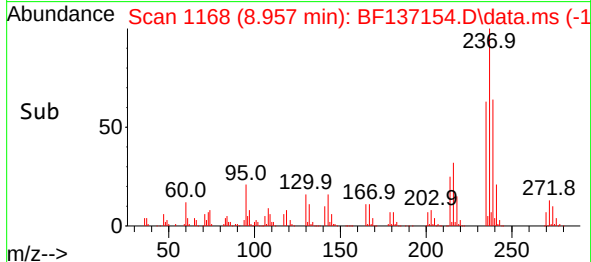
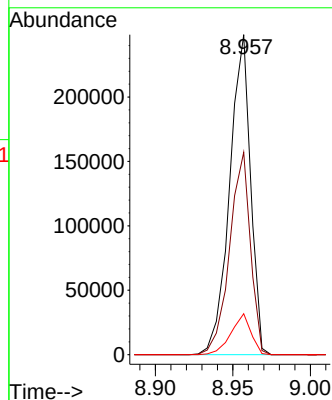
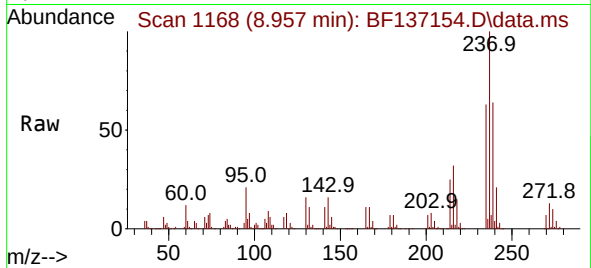




#41
Hexachlorocyclopentadiene
Concen: 101.624 ng
RT: 8.957 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

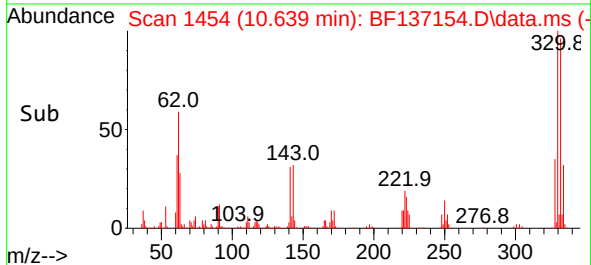
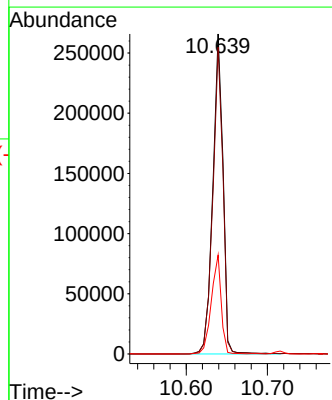
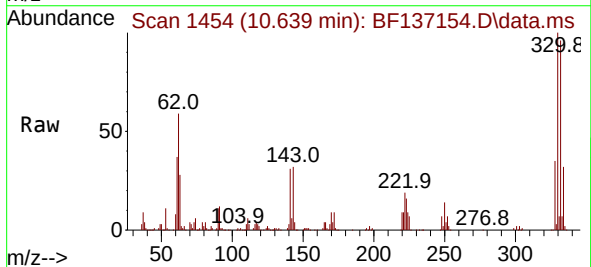
Instrument :
BNA_F
ClientSampleId :
72-11985MS

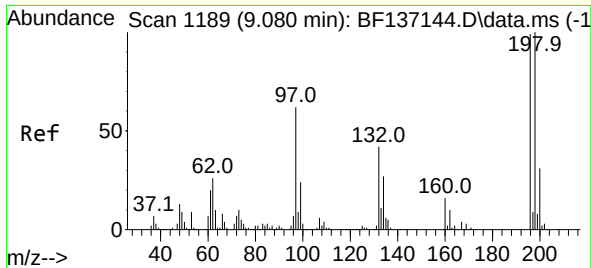
Tgt Ion:237 Resp: 233028
Ion Ratio Lower Upper
237 100
235 63.2 42.9 82.9
272 12.8 0.0 31.3



#42
2,4,6-Tribromophenol
Concen: 132.242 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

Tgt Ion:330 Resp: 230835
Ion Ratio Lower Upper
330 100
332 95.6 75.4 113.0
141 29.9 24.8 37.2

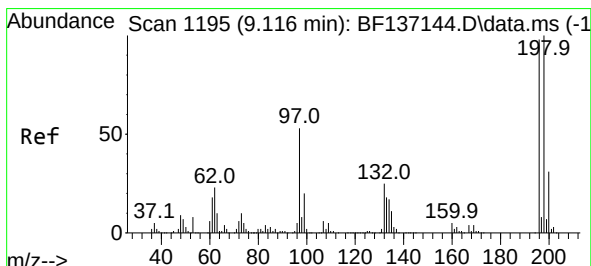
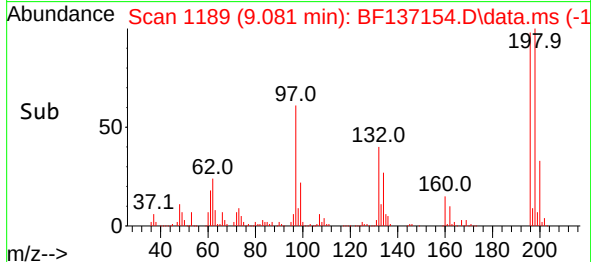
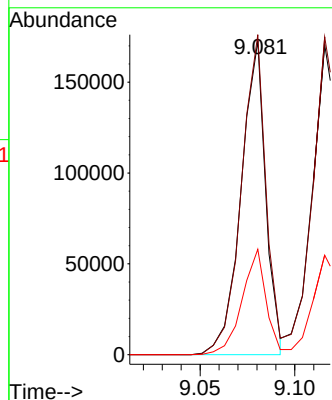
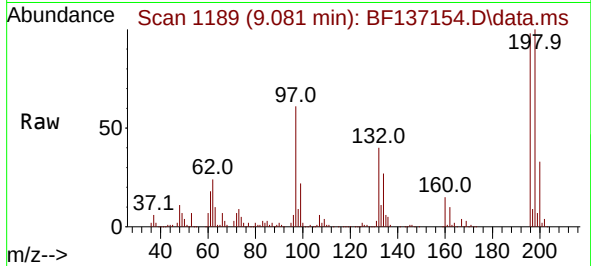




#43
2,4,6-Trichlorophenol
Concen: 47.110 ng
RT: 9.081 min Scan# 1189
Delta R.T. 0.000 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

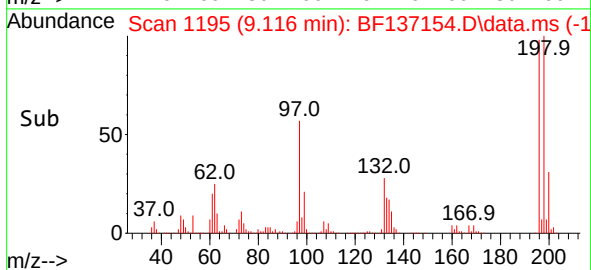
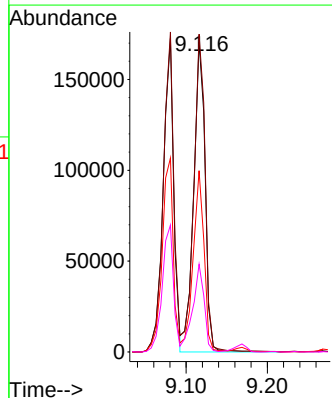
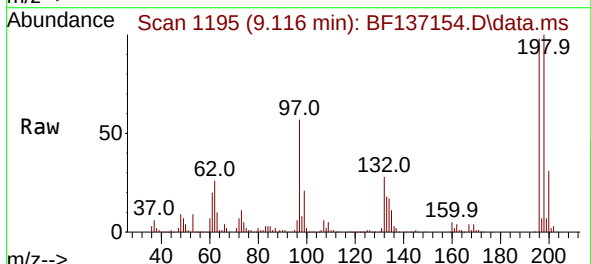
Instrument :
BNA_F
ClientSampleId :
72-11985MS

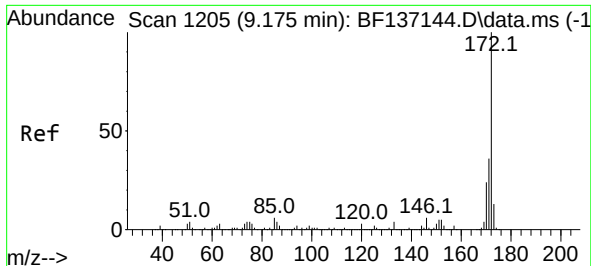
Tgt Ion:196 Resp: 156269
Ion Ratio Lower Upper
196 100
198 102.0 80.6 121.0
200 33.6 25.0 37.6



#44
2,4,5-Trichlorophenol
Concen: 47.371 ng
RT: 9.116 min Scan# 1195
Delta R.T. 0.000 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

Tgt Ion:196 Resp: 168638
Ion Ratio Lower Upper
196 100
198 102.5 81.7 122.5
97 58.5 43.9 65.9
132 28.3 20.7 31.1





#45

2-Fluorobiphenyl

Concen: 77.651 ng

RT: 9.169 min Scan# 1204

Delta R.T. -0.006 min

Lab File: BF137154.D

Acq: 25 Jan 2024 18:33

Instrument :

BNA_F

ClientSampleId :

72-11985MS

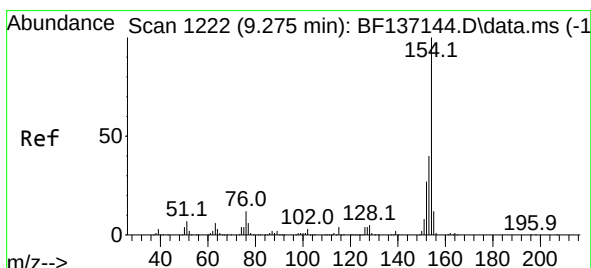
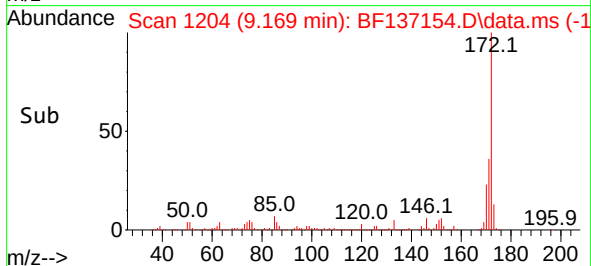
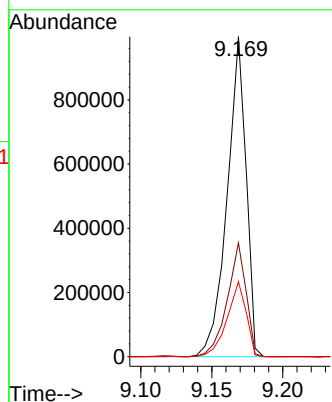
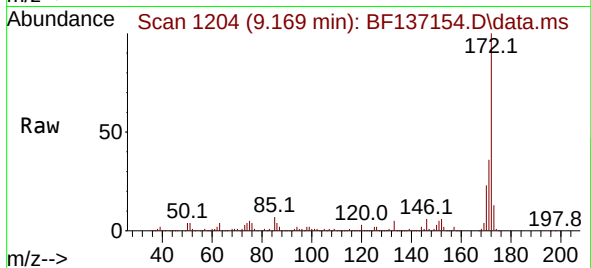
Tgt Ion:172 Resp: 925542

Ion Ratio Lower Upper

172 100

171 35.5 28.6 43.0

170 23.5 18.8 28.2



#46

1,1'-Biphenyl

Concen: 44.735 ng

RT: 9.269 min Scan# 1221

Delta R.T. -0.006 min

Lab File: BF137154.D

Acq: 25 Jan 2024 18:33

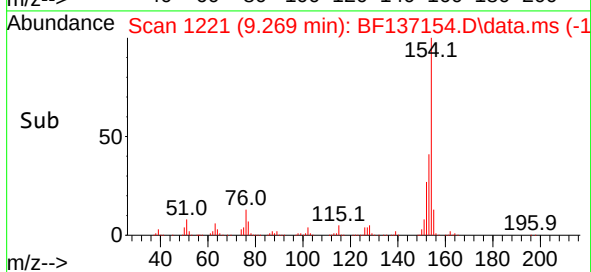
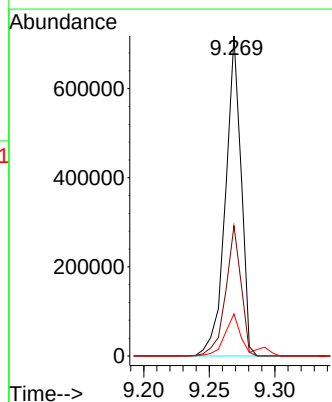
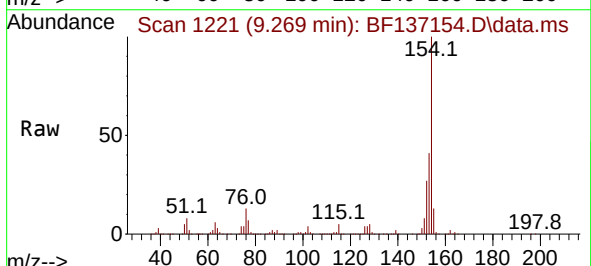
Tgt Ion:154 Resp: 591804

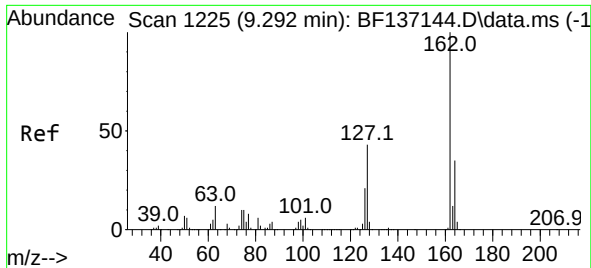
Ion Ratio Lower Upper

154 100

153 40.7 20.4 60.4

76 13.1 0.0 31.9

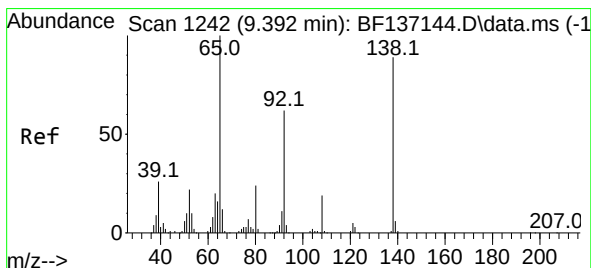
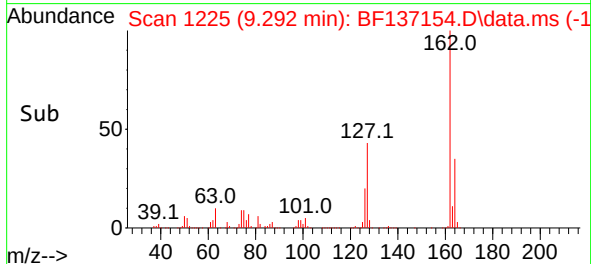
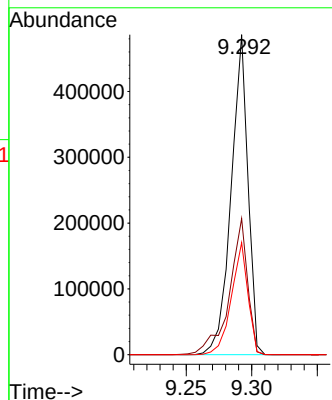
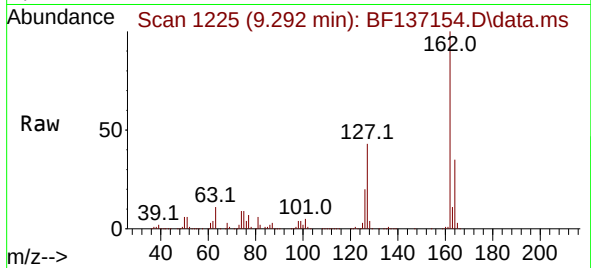




#47
2-Chloronaphthalene
Concen: 44.505 ng
RT: 9.292 min Scan# 1225
Delta R.T. 0.000 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

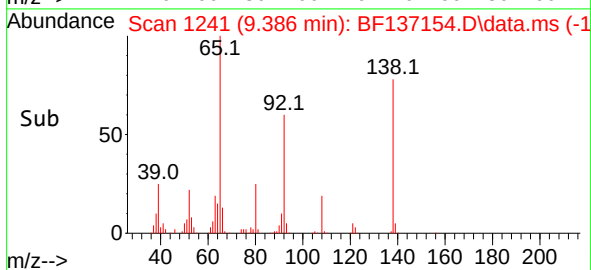
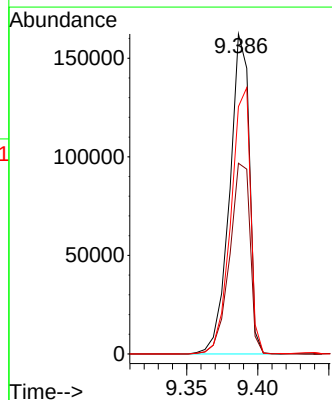
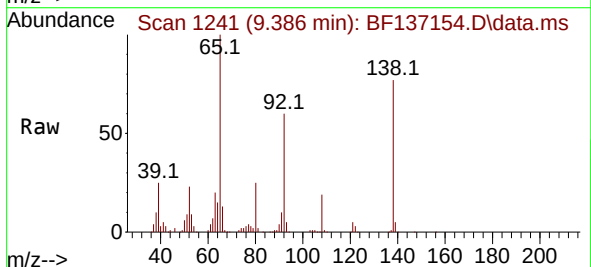
Instrument :
BNA_F
ClientSampleId :
72-11985MS

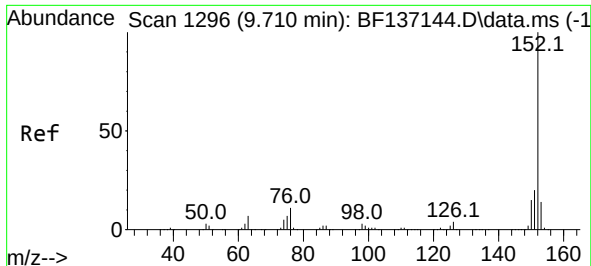
Tgt Ion:162 Resp: 433373
Ion Ratio Lower Upper
162 100
127 42.5 34.6 52.0
164 35.0 27.7 41.5



#48
2-Nitroaniline
Concen: 48.204 ng
RT: 9.386 min Scan# 1241
Delta R.T. -0.006 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

Tgt Ion: 65 Resp: 157117
Ion Ratio Lower Upper
65 100
92 59.6 49.4 74.2
138 77.3 70.8 106.2





#49

Acenaphthylene

Concen: 44.485 ng

RT: 9.710 min Scan# 1296

Delta R.T. -0.000 min

Lab File: BF137154.D

Acq: 25 Jan 2024 18:33

Instrument :

BNA_F

ClientSampleId :

72-11985MS

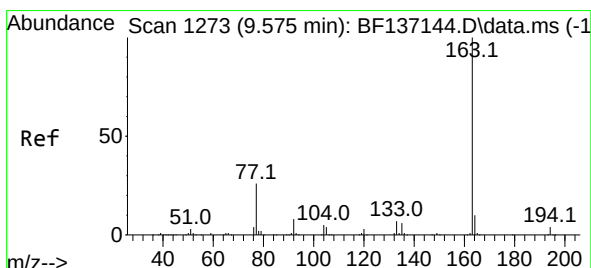
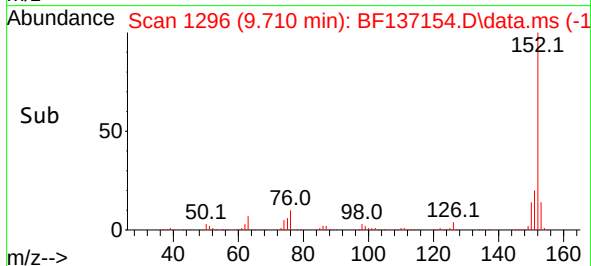
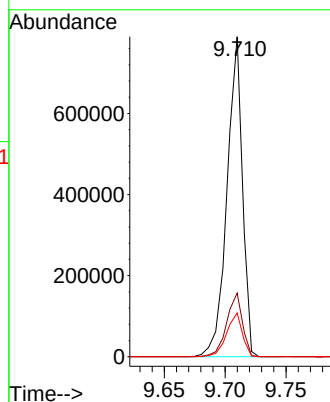
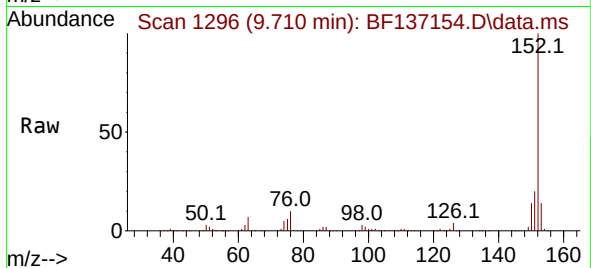
Tgt Ion:152 Resp: 696238

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

153 13.7 11.4 17.2



#50

Dimethylphthalate

Concen: 47.449 ng

RT: 9.575 min Scan# 1273

Delta R.T. -0.000 min

Lab File: BF137154.D

Acq: 25 Jan 2024 18:33

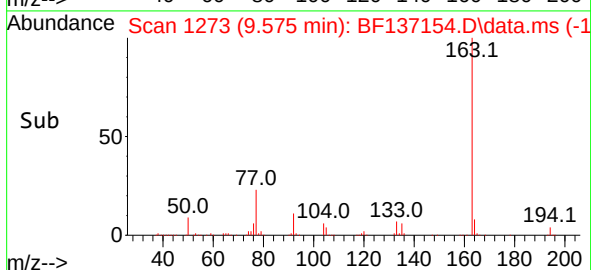
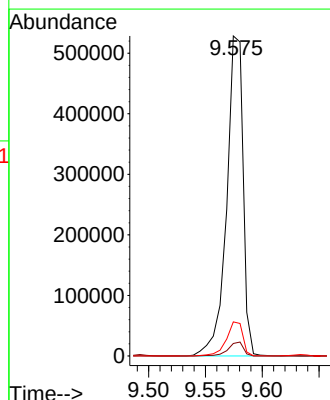
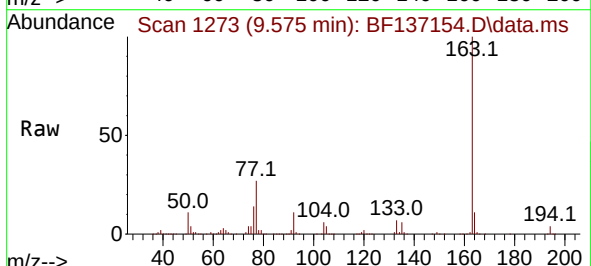
Tgt Ion:163 Resp: 533217

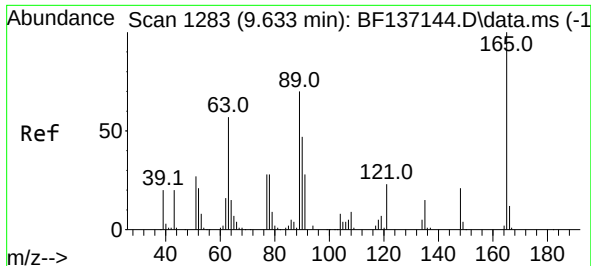
Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

164 10.7 8.4 12.6





#51

2,6-Dinitrotoluene

Concen: 50.338 ng

RT: 9.633 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF137154.D

Acq: 25 Jan 2024 18:33

Instrument :

BNA_F

ClientSampleId :

72-11985MS

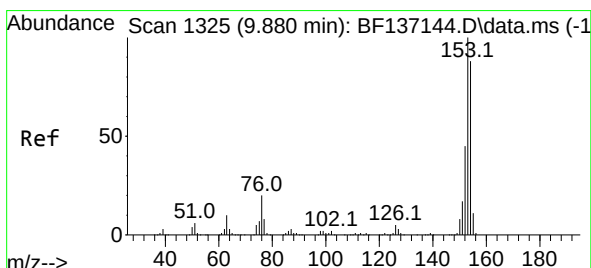
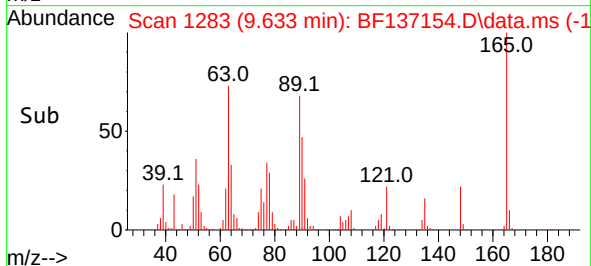
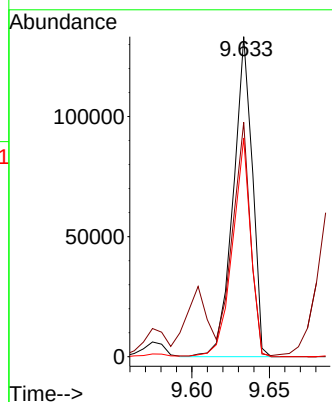
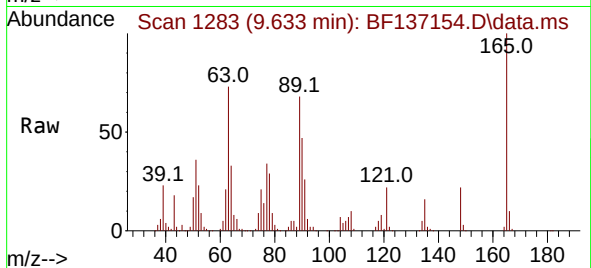
Tgt Ion:165 Resp: 114059

Ion Ratio Lower Upper

165 100

63 73.2 64.4 96.6

89 68.4 55.7 83.5



#52

Acenaphthene

Concen: 44.809 ng

RT: 9.880 min Scan# 1325

Delta R.T. 0.000 min

Lab File: BF137154.D

Acq: 25 Jan 2024 18:33

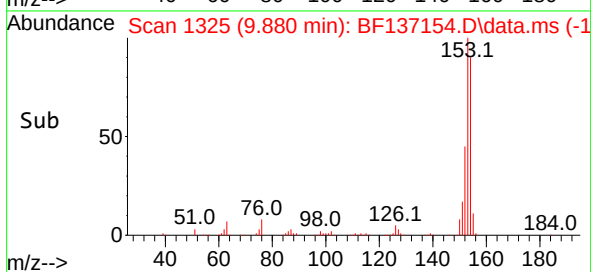
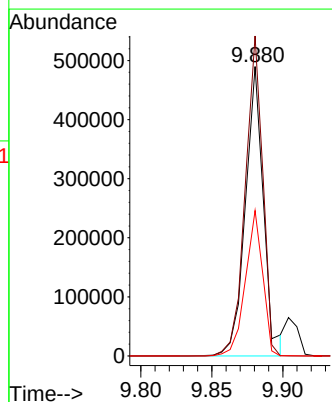
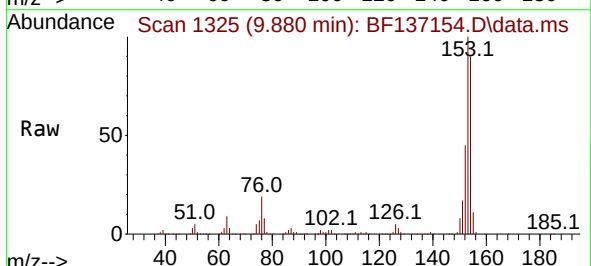
Tgt Ion:154 Resp: 434046

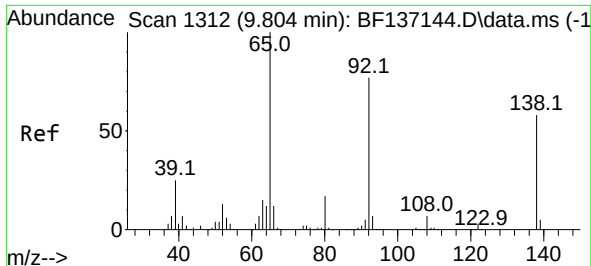
Ion Ratio Lower Upper

154 100

153 110.6 91.0 136.6

152 50.3 41.2 61.8

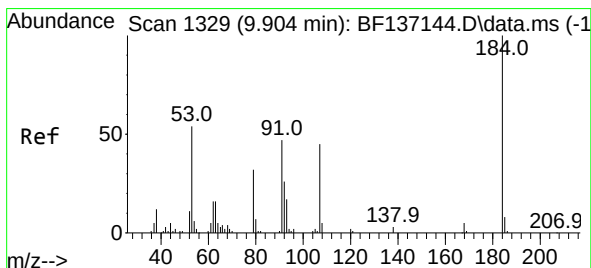
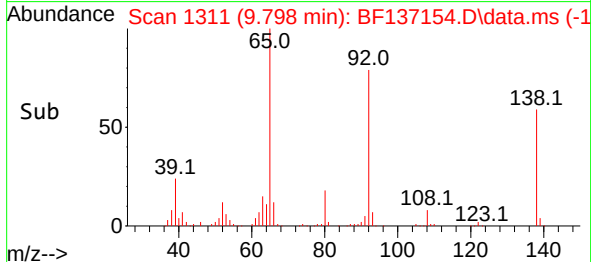
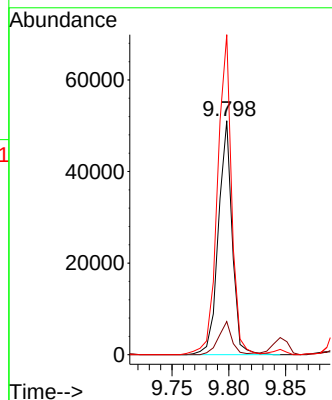
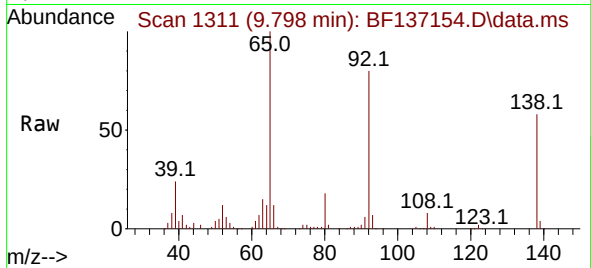




#53
3-Nitroaniline
Concen: 20.948 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

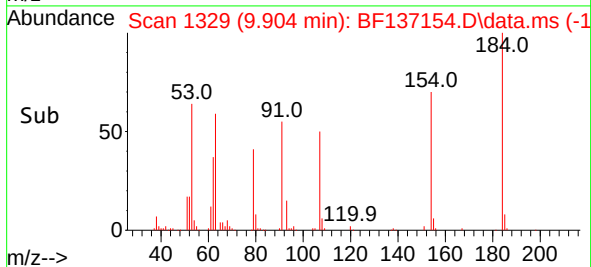
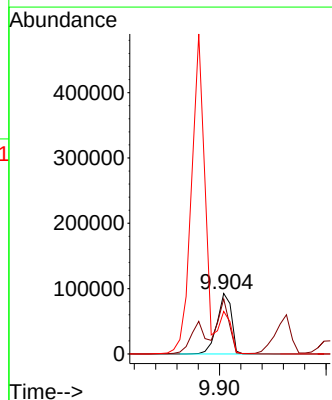
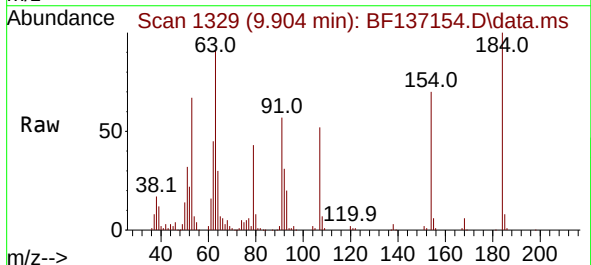
Instrument :
BNA_F
ClientSampleId :
72-11985MS

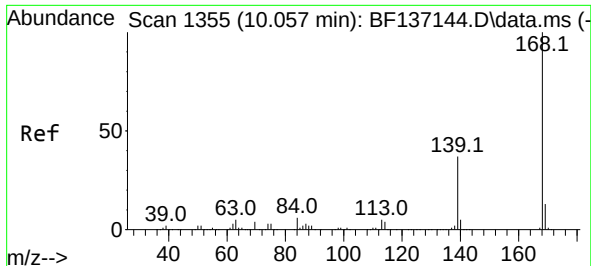
Tgt Ion:138 Resp: 42989
Ion Ratio Lower Upper
138 100
108 14.1 10.2 15.2
92 136.8 105.7 158.5



#54
2,4-Dinitrophenol
Concen: 83.233 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.000 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

Tgt Ion:184 Resp: 86844
Ion Ratio Lower Upper
184 100
63 91.0 61.2 91.8
154 70.3 51.6 77.4

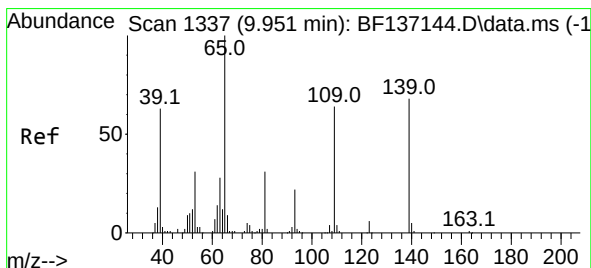
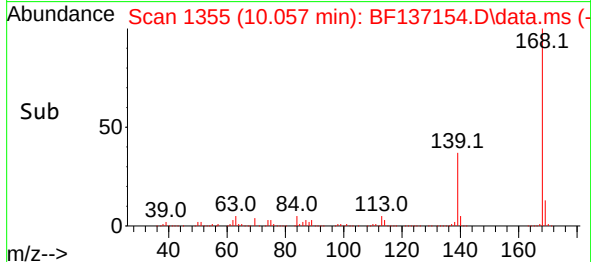
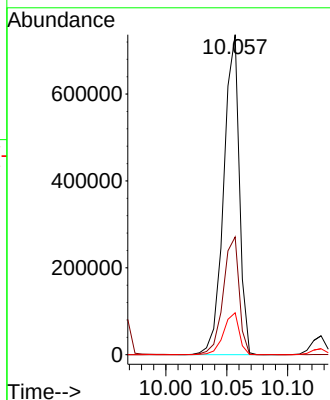
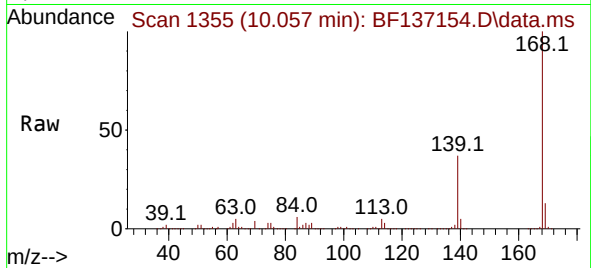




#55
Dibenzenofuran
Concen: 44.929 ng
RT: 10.057 min Scan# 1355
Delta R.T. -0.000 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

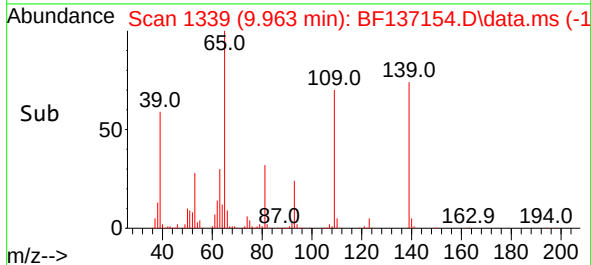
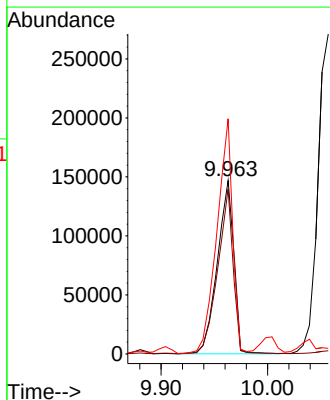
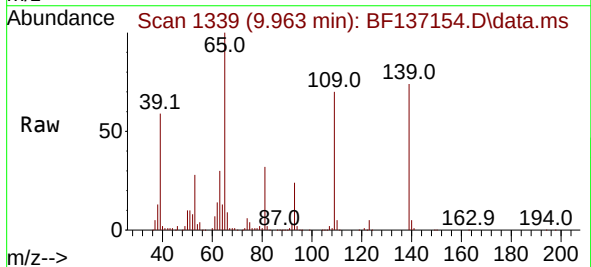
Instrument :
BNA_F
ClientSampleId :
72-11985MS

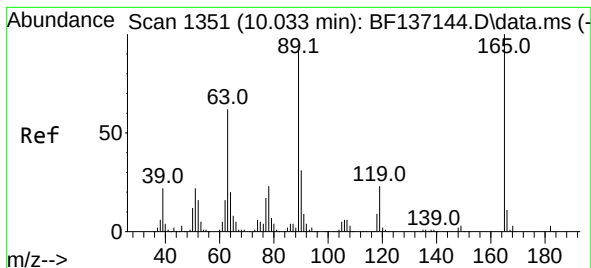
Tgt Ion:168 Resp: 656501
Ion Ratio Lower Upper
168 100
139 36.8 29.5 44.3
169 13.1 10.5 15.7



#56
4-Nitrophenol
Concen: 96.631 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.012 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

Tgt Ion:139 Resp: 157750
Ion Ratio Lower Upper
139 100
109 95.2 73.7 113.7
65 135.5 126.0 166.0

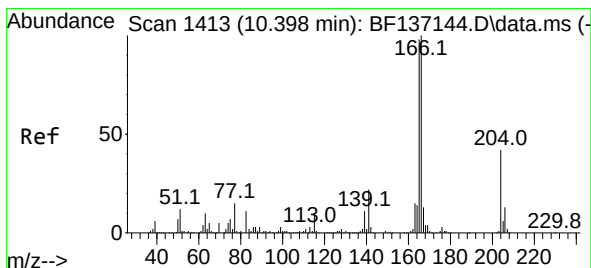
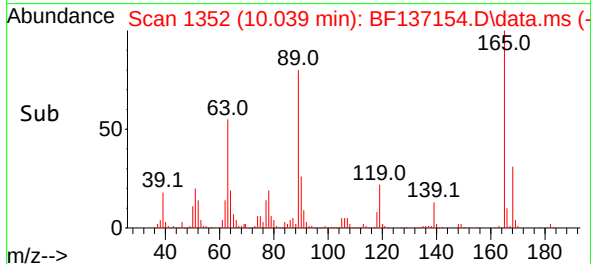
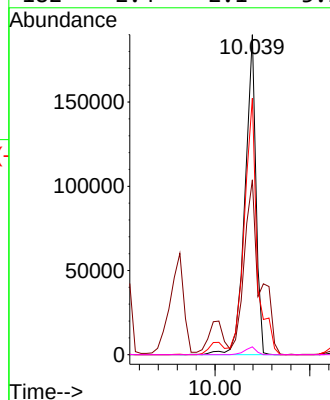
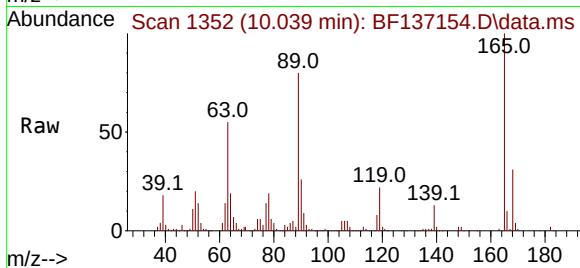




#57
2,4-Dinitrotoluene
Concen: 52.592 ng
RT: 10.039 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

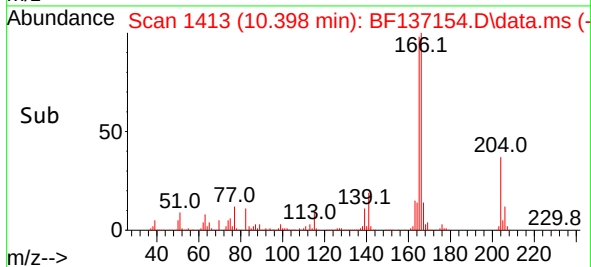
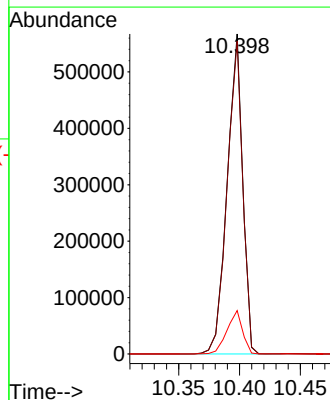
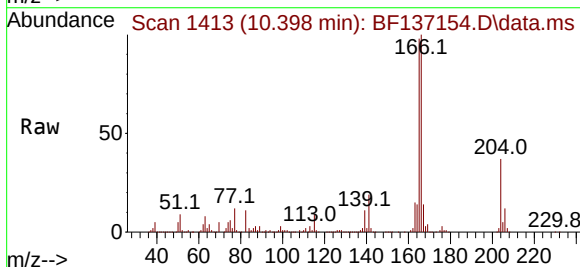
Instrument :
BNA_F
ClientSampleId :
72-11985MS

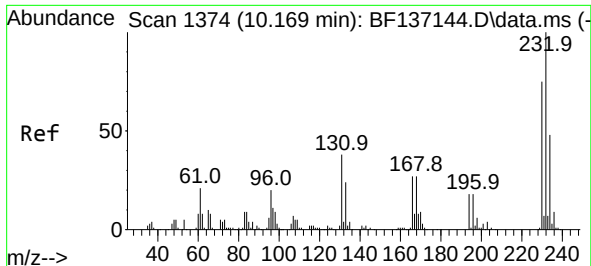
Tgt Ion:165 Resp: 152117
Ion Ratio Lower Upper
165 100
63 54.7 49.4 74.2
89 80.1 73.5 110.3
182 2.4 2.1 3.1



#58
Fluorene
Concen: 44.927 ng
RT: 10.398 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

Tgt Ion:166 Resp: 503228
Ion Ratio Lower Upper
166 100
165 97.8 78.6 118.0
167 13.6 10.7 16.1



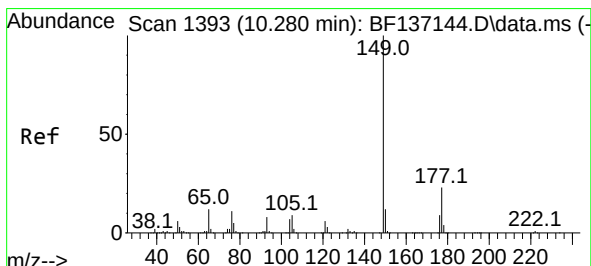
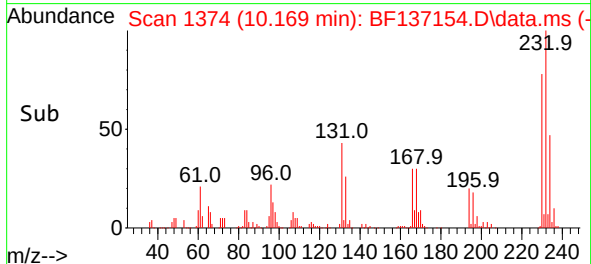
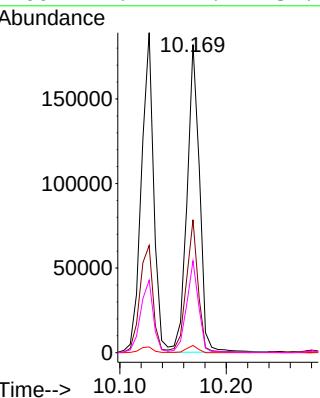
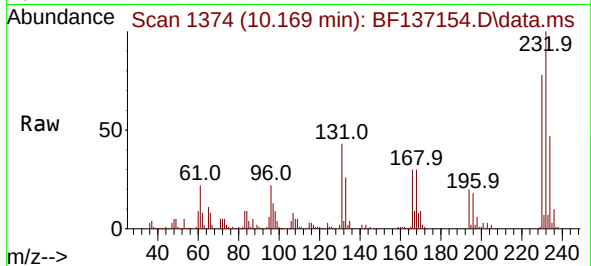


#59
2,3,4,6-Tetrachlorophenol
Concen: 47.658 ng
RT: 10.169 min Scan# 1374
Delta R.T. 0.000 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

Instrument :
BNA_F
ClientSampleId :
72-11985MS

Tgt Ion:232 Resp: 147976

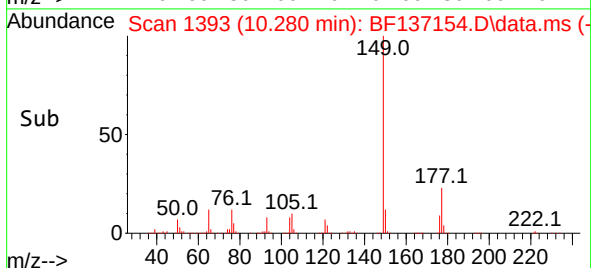
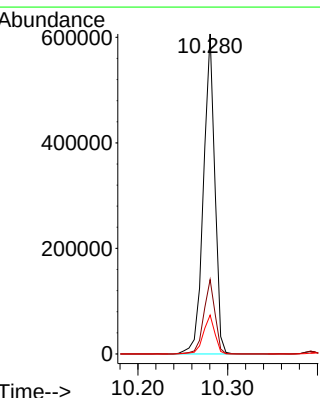
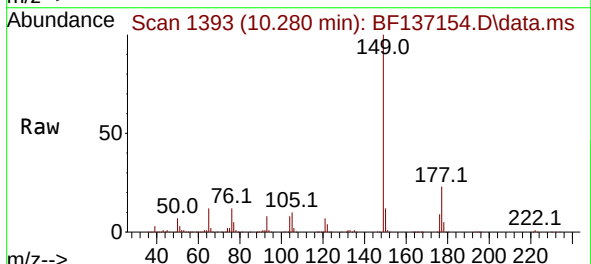
Ion	Ratio	Lower	Upper
232	100		
131	41.1	31.4	47.0
130	2.2	1.8	2.6
166	29.1	21.9	32.9

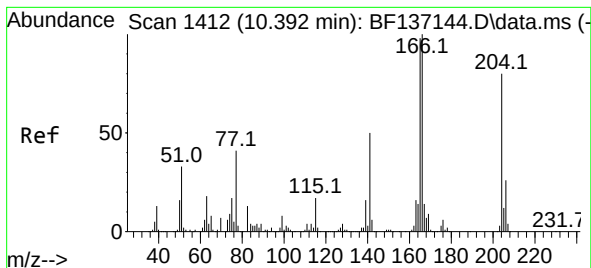


#60
Diethylphthalate
Concen: 48.302 ng
RT: 10.280 min Scan# 1393
Delta R.T. 0.000 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

Tgt Ion:149 Resp: 532343

Ion	Ratio	Lower	Upper
149	100		
177	23.3	18.7	28.1
150	12.2	9.4	14.2

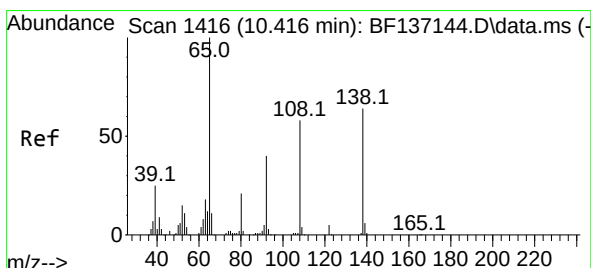
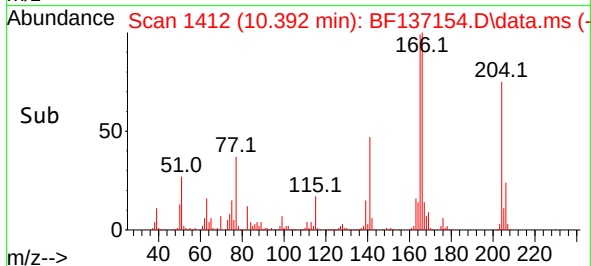
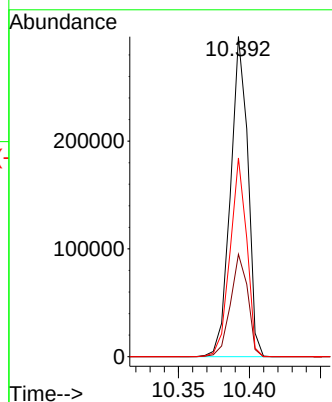
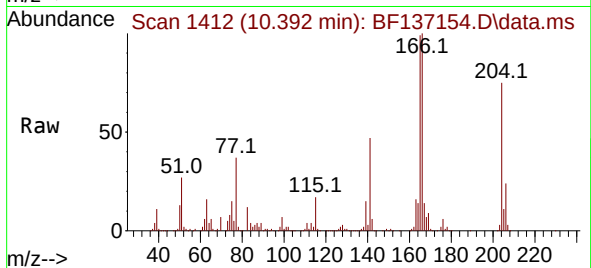




#61
4-Chlorophenyl-phenylether
Concen: 45.264 ng
RT: 10.392 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

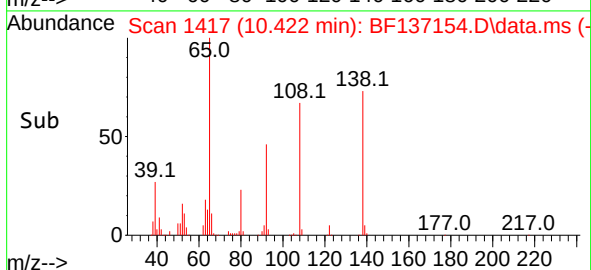
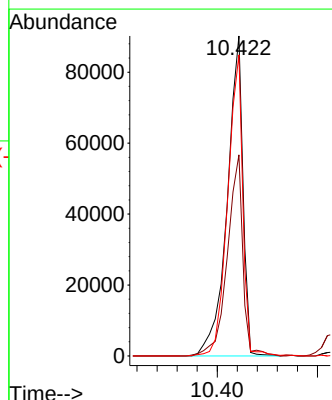
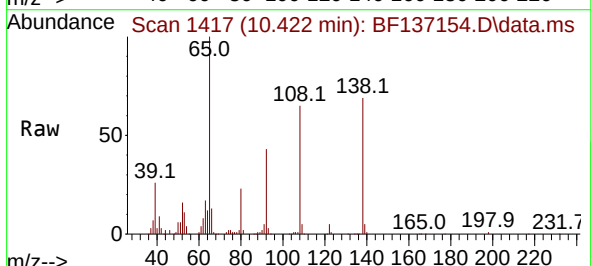
Instrument :
BNA_F
ClientSampleId :
72-11985MS

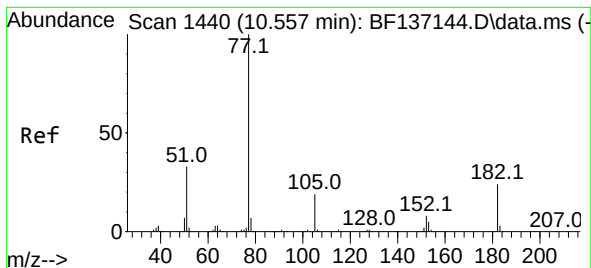
Tgt Ion:204 Resp: 252718
Ion Ratio Lower Upper
204 100
206 32.0 25.6 38.4
141 62.1 50.3 75.5



#62
4-Nitroaniline
Concen: 47.961 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

Tgt Ion:138 Resp: 98211
Ion Ratio Lower Upper
138 100
92 62.8 42.7 82.7
108 94.1 70.8 110.8





#63

Azobenzene

Concen: 44.720 ng

RT: 10.551 min Scan# 1440

Delta R.T. -0.006 min

Lab File: BF137154.D

Acq: 25 Jan 2024 18:33

Instrument :

BNA_F

ClientSampleId :

72-11985MS

Tgt Ion: 77 Resp: 573977

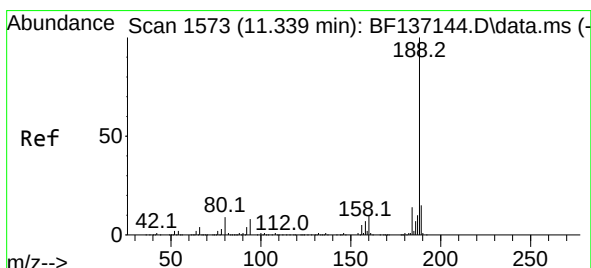
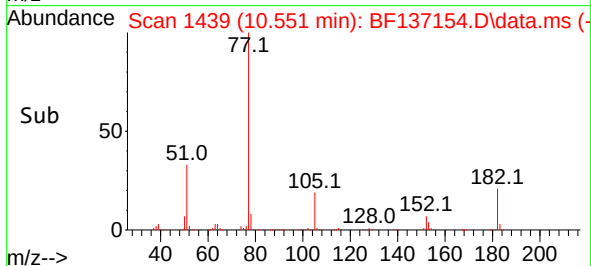
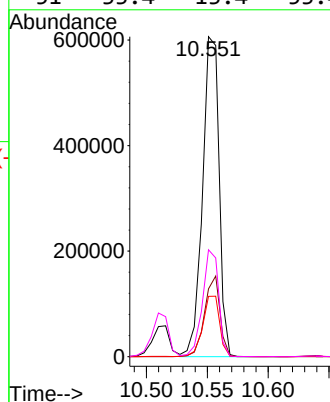
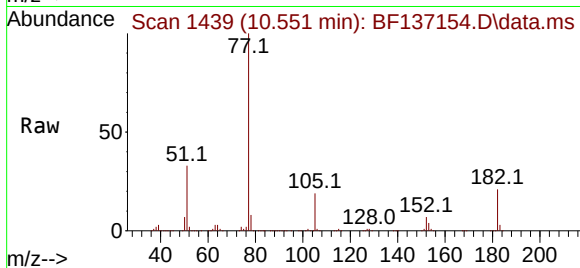
Ion Ratio Lower Upper

77 100

182 21.2 4.4 44.4

105 18.8 0.0 39.3

51 33.4 13.4 53.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.339 min Scan# 1573

Delta R.T. 0.000 min

Lab File: BF137154.D

Acq: 25 Jan 2024 18:33

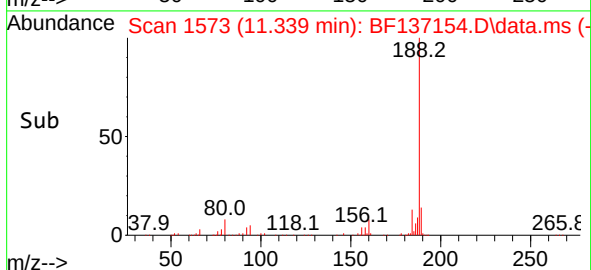
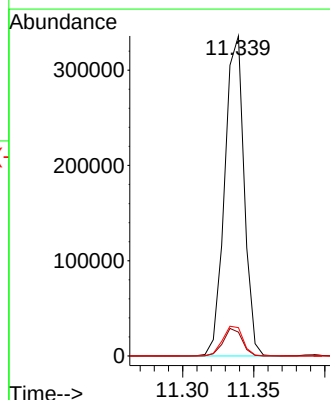
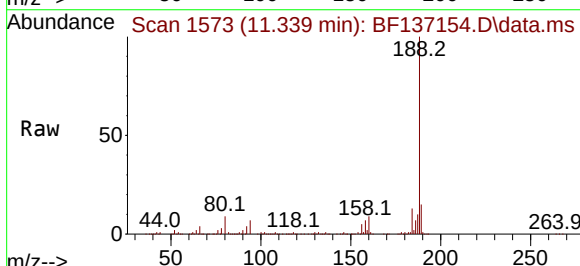
Tgt Ion: 188 Resp: 318894

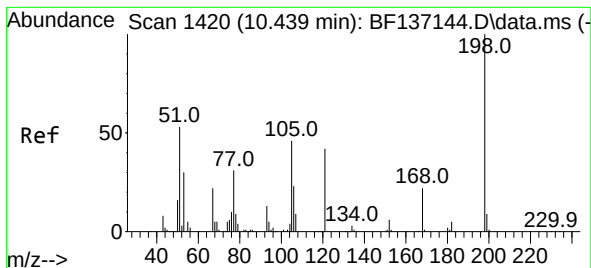
Ion Ratio Lower Upper

188 100

94 7.4 6.4 9.6

80 8.9 7.4 11.0

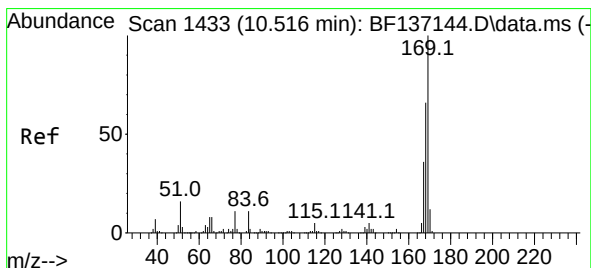
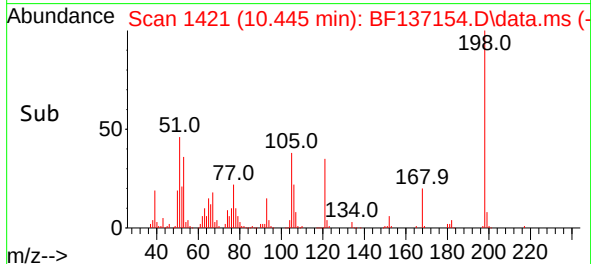
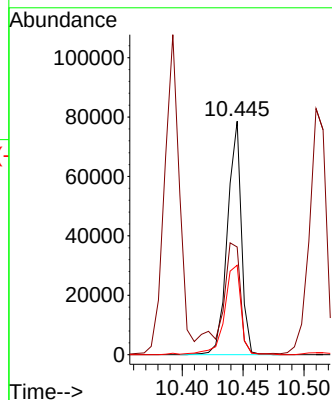
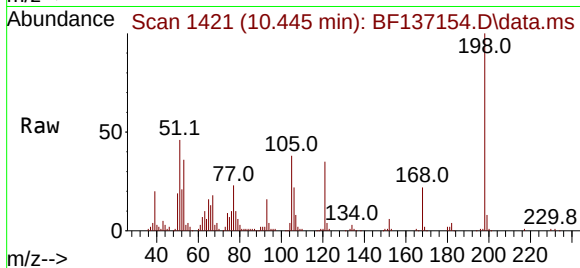




#65
4,6-Dinitro-2-methylphenol
Concen: 48.939 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

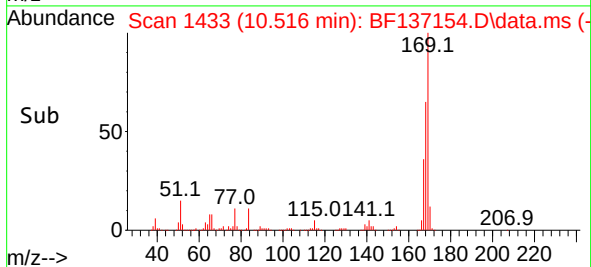
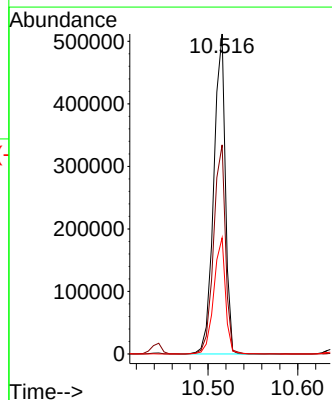
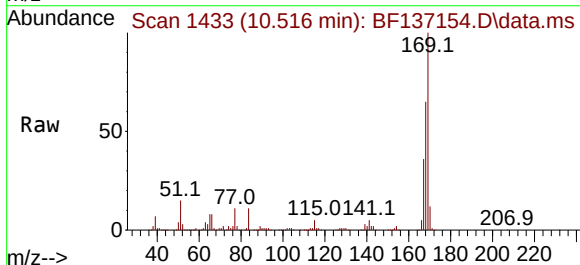
Instrument :
BNA_F
ClientSampleId :
72-11985MS

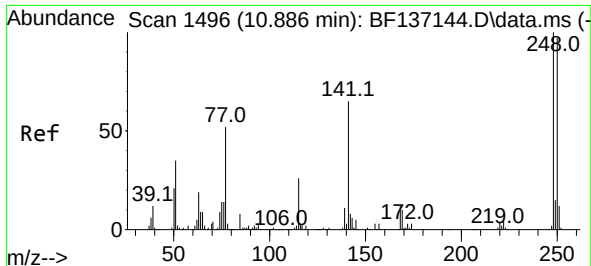
Tgt Ion:198 Resp: 62467
Ion Ratio Lower Upper
198 100
51 46.1 44.7 84.7
105 38.3 28.2 68.2



#66
n-Nitrosodiphenylamine
Concen: 47.033 ng
RT: 10.516 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

Tgt Ion:169 Resp: 459823
Ion Ratio Lower Upper
169 100
168 65.4 52.6 78.8
167 36.3 28.9 43.3

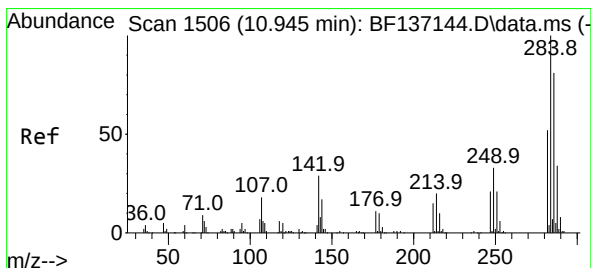
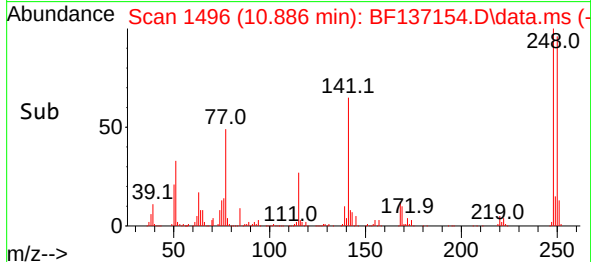
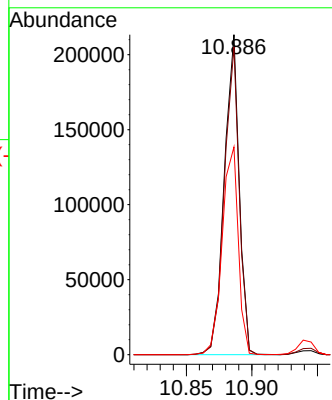
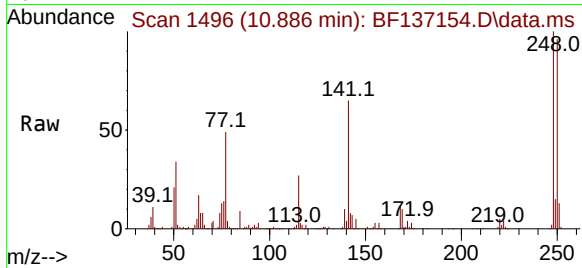




#67
4-Bromophenyl-phenylether
Concen: 46.030 ng
RT: 10.886 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

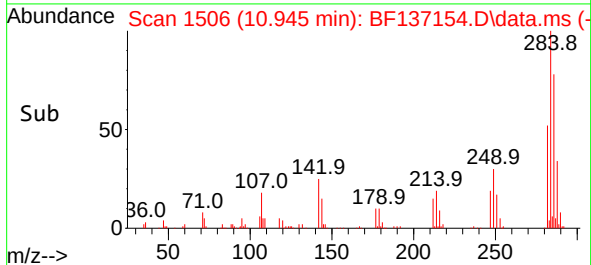
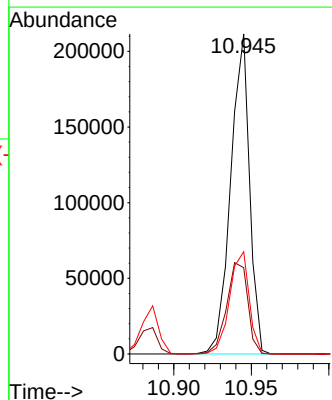
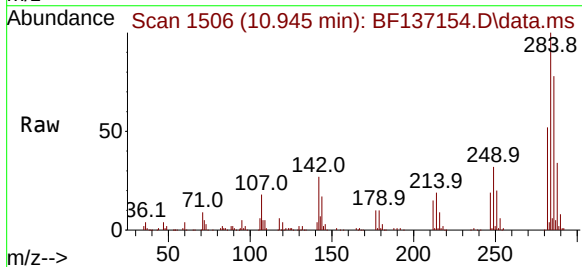
Instrument :
BNA_F
ClientSampleId :
72-11985MS

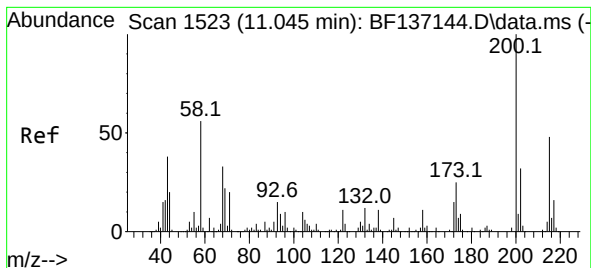
Tgt Ion:248 Resp: 169133
Ion Ratio Lower Upper
248 100
250 96.2 77.7 116.5
141 64.9 52.3 78.5



#68
Hexachlorobenzene
Concen: 46.193 ng
RT: 10.945 min Scan# 1506
Delta R.T. 0.000 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

Tgt Ion:284 Resp: 178515
Ion Ratio Lower Upper
284 100
142 26.9 23.2 34.8
249 32.0 26.2 39.2





#69

Atrazine

Concen: 50.645 ng

RT: 11.045 min Scan# 1523

Delta R.T. 0.000 min

Lab File: BF137154.D

Acq: 25 Jan 2024 18:33

Instrument :

BNA_F

ClientSampleId :

72-11985MS

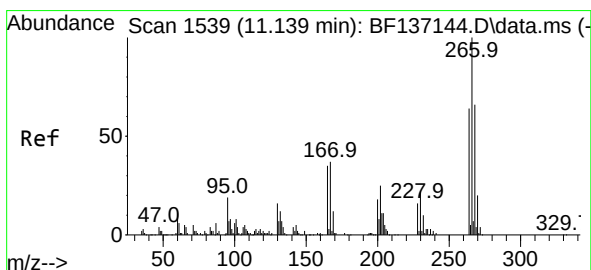
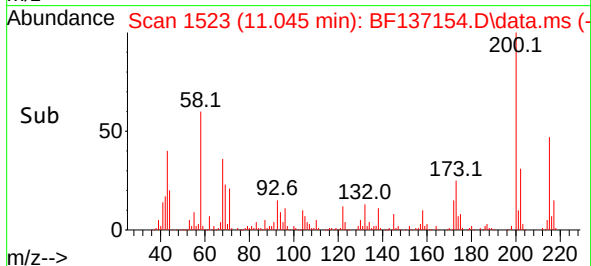
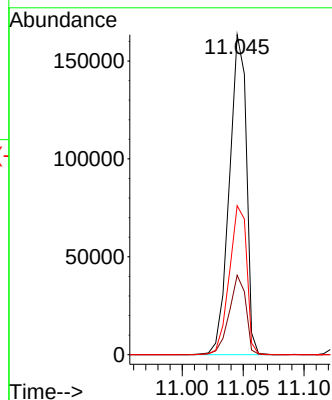
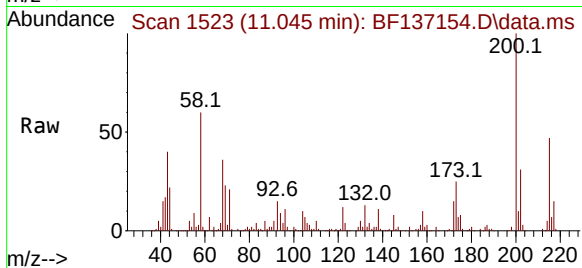
Tgt Ion:200 Resp: 159516

Ion Ratio Lower Upper

200 100

173 24.8 5.1 45.1

215 46.6 27.7 67.7



#70

Pentachlorophenol

Concen: 96.333 ng

RT: 11.139 min Scan# 1539

Delta R.T. 0.000 min

Lab File: BF137154.D

Acq: 25 Jan 2024 18:33

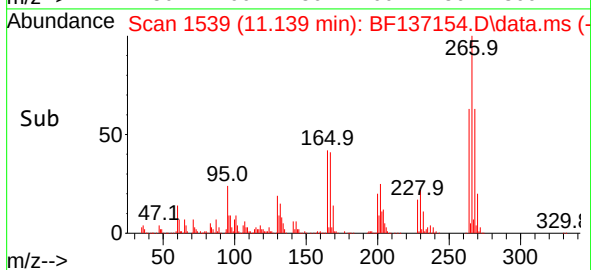
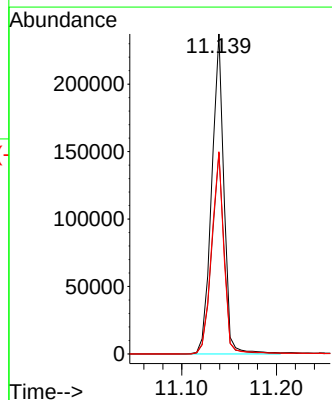
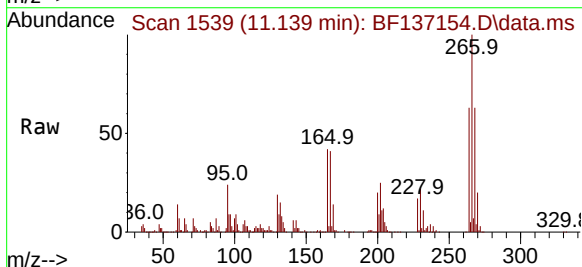
Tgt Ion:266 Resp: 212141

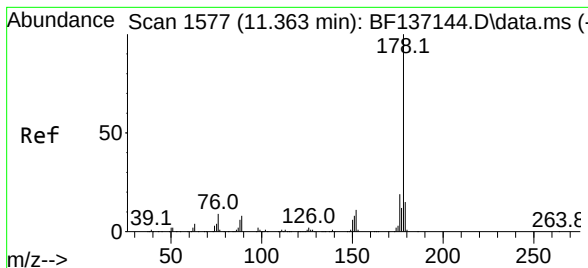
Ion Ratio Lower Upper

266 100

268 62.8 53.0 79.6

264 63.2 51.6 77.4





#71

Phenanthrene

Concen: 45.478 ng

RT: 11.363 min Scan# 1577

Delta R.T. 0.000 min

Lab File: BF137154.D

Acq: 25 Jan 2024 18:33

Instrument :

BNA_F

ClientSampleId :

72-11985MS

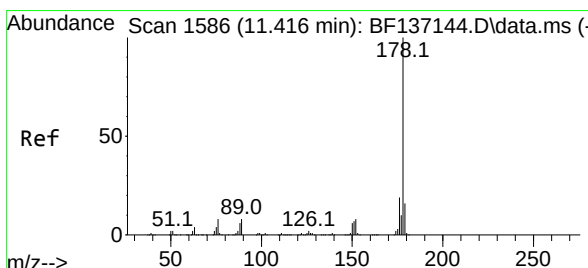
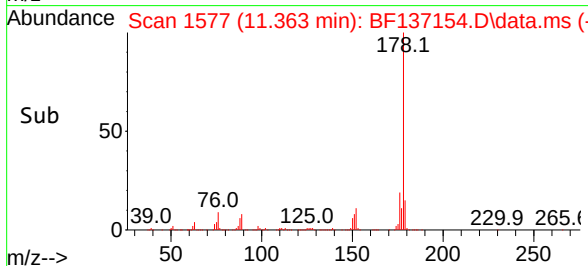
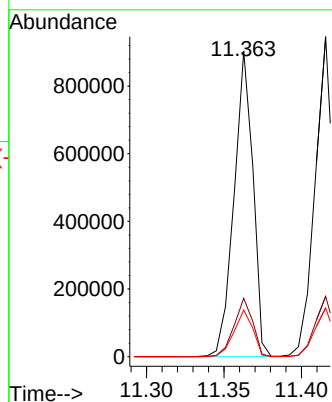
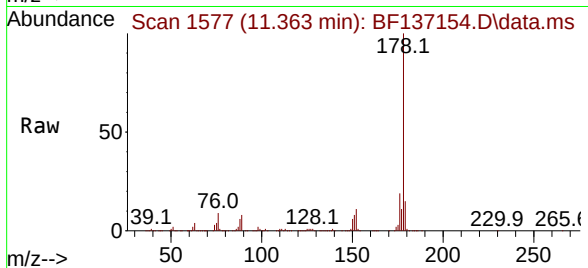
Tgt Ion:178 Resp: 767406

Ion Ratio Lower Upper

178 100

176 19.1 15.5 23.3

179 15.3 12.3 18.5



#72

Anthracene

Concen: 45.448 ng

RT: 11.416 min Scan# 1586

Delta R.T. 0.000 min

Lab File: BF137154.D

Acq: 25 Jan 2024 18:33

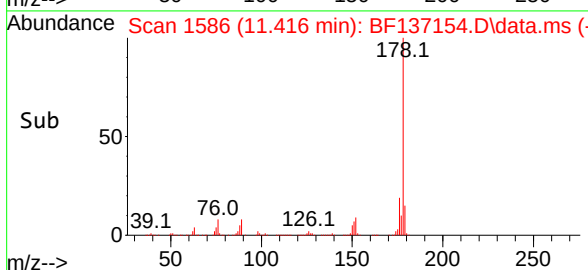
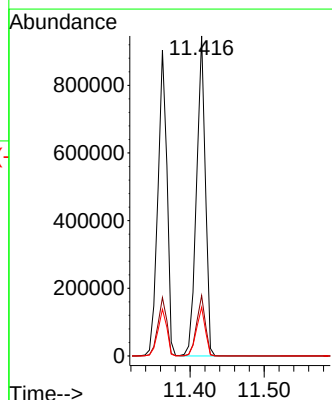
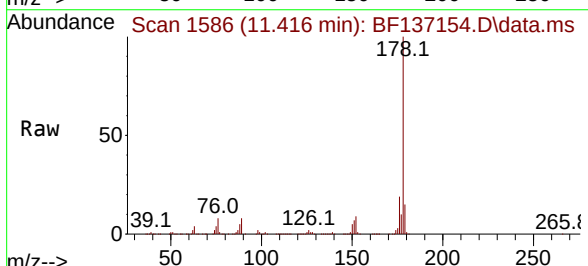
Tgt Ion:178 Resp: 781249

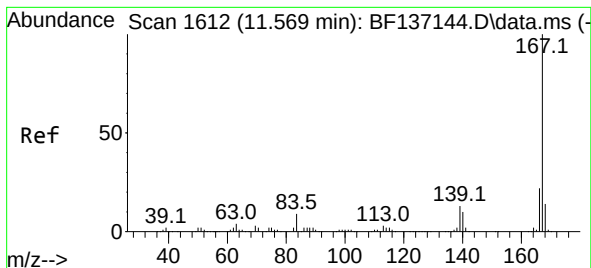
Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

179 15.2 12.6 18.8





#73

Carbazole

Concen: 44.375 ng

RT: 11.569 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137154.D

Acq: 25 Jan 2024 18:33

Instrument :

BNA_F

ClientSampleId :

72-11985MS

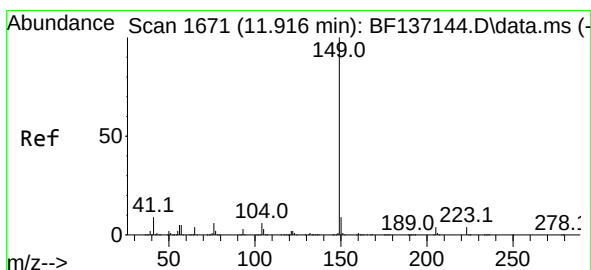
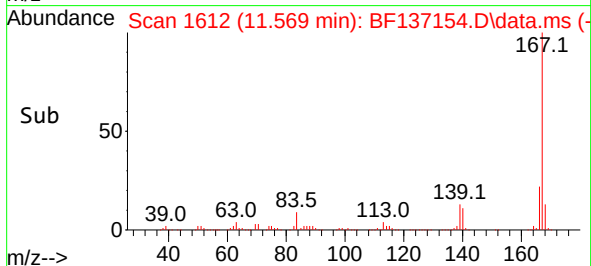
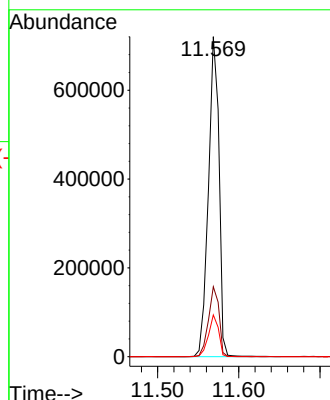
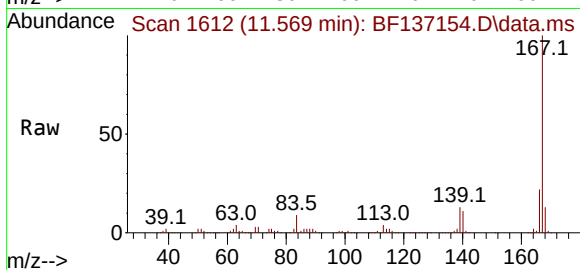
Tgt Ion:167 Resp: 651358

Ion Ratio Lower Upper

167 100

166 21.8 17.2 25.8

139 13.1 10.3 15.5



#74

Di-n-butylphthalate

Concen: 53.977 ng

RT: 11.916 min Scan# 1671

Delta R.T. 0.000 min

Lab File: BF137154.D

Acq: 25 Jan 2024 18:33

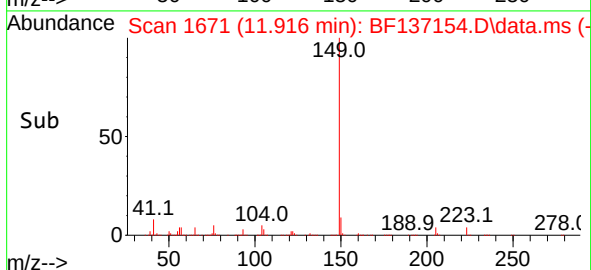
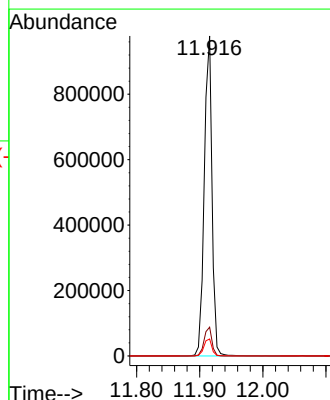
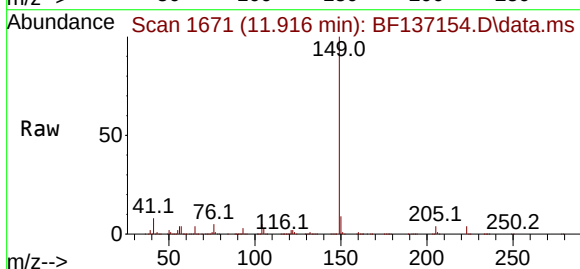
Tgt Ion:149 Resp: 829647

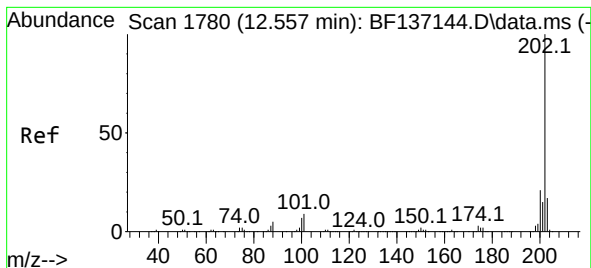
Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.0

104 5.3 4.4 6.6





#75

Fluoranthene

Concen: 42.971 ng

RT: 12.557 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF137154.D

Acq: 25 Jan 2024 18:33

Instrument :

BNA_F

ClientSampleId :

72-11985MS

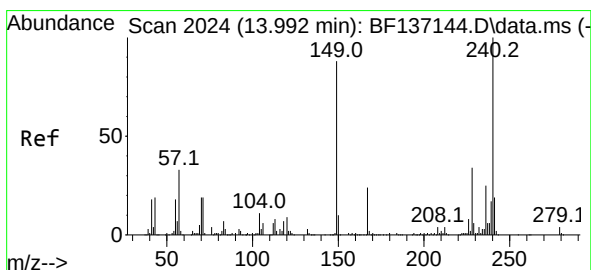
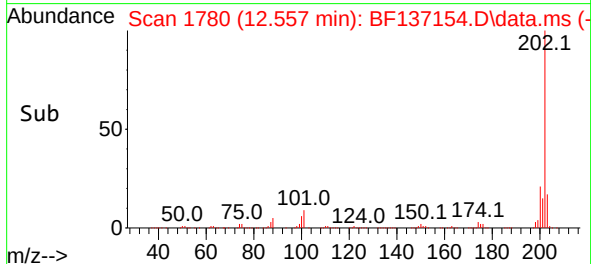
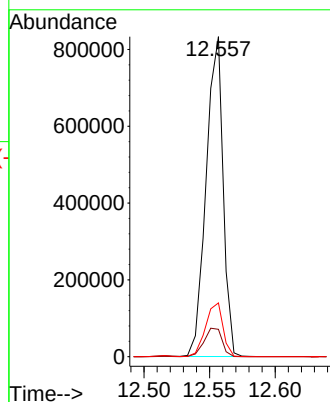
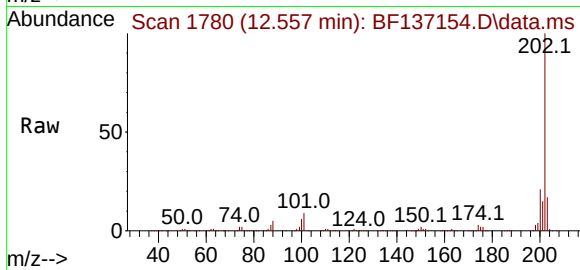
Tgt Ion:202 Resp: 752451

Ion Ratio Lower Upper

202 100

101 8.6 0.0 29.3

203 16.8 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.992 min Scan# 2024

Delta R.T. 0.000 min

Lab File: BF137154.D

Acq: 25 Jan 2024 18:33

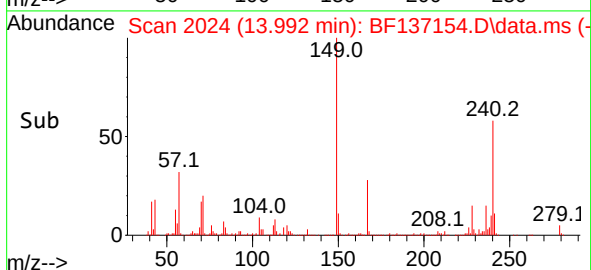
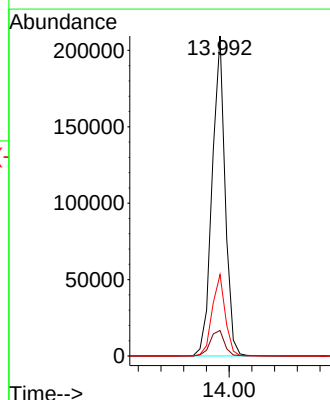
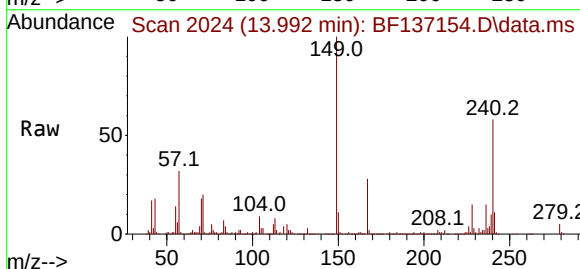
Tgt Ion:240 Resp: 165424

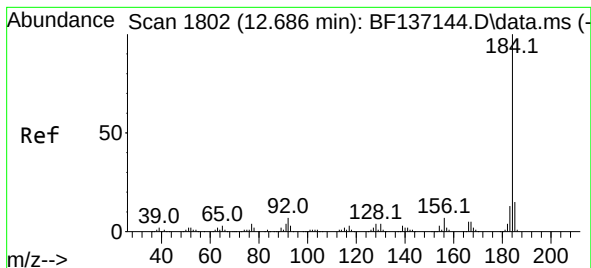
Ion Ratio Lower Upper

240 100

120 7.9 6.9 10.3

236 25.5 20.4 30.6





#77

Benzidine

Concen: 6.777 ng

RT: 12.680 min Scan# 1801

Delta R.T. -0.006 min

Lab File: BF137154.D

Acq: 25 Jan 2024 18:33

Instrument :

BNA_F

ClientSampleId :

72-11985MS

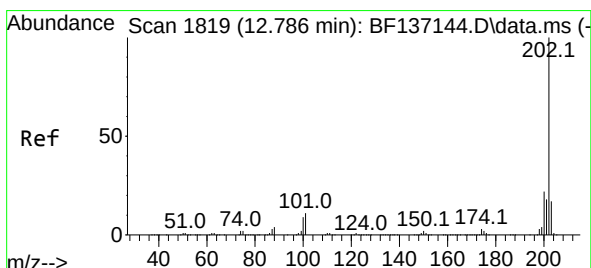
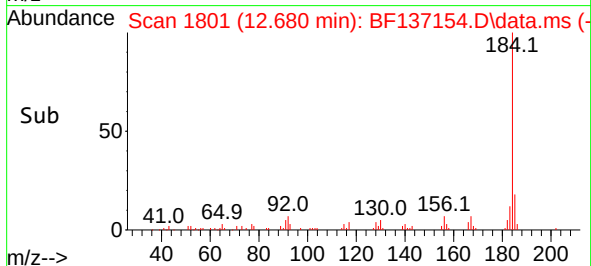
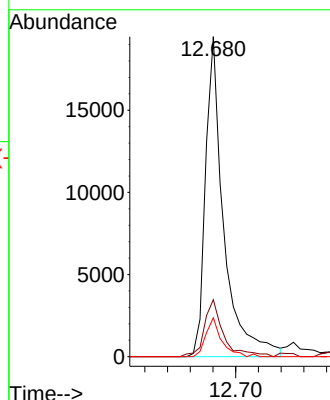
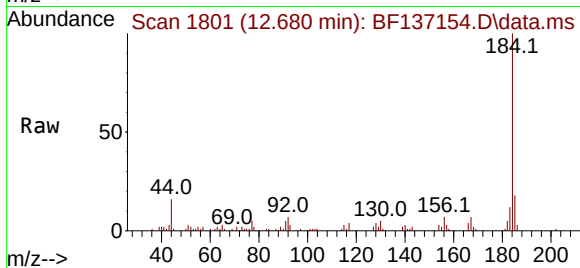
Tgt Ion:184 Resp: 21740

Ion Ratio Lower Upper

184 100

185 17.8 12.2 18.4

183 12.2 10.0 15.0



#78

Pyrene

Concen: 49.880 ng

RT: 12.786 min Scan# 1819

Delta R.T. 0.000 min

Lab File: BF137154.D

Acq: 25 Jan 2024 18:33

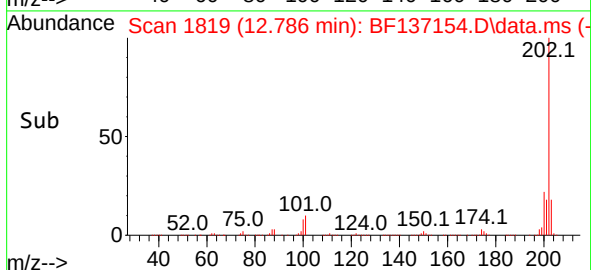
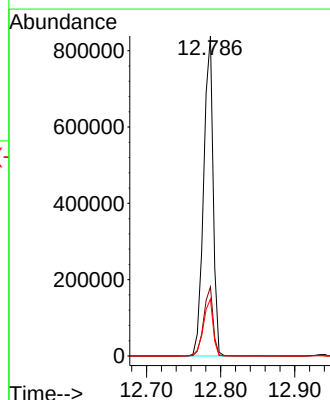
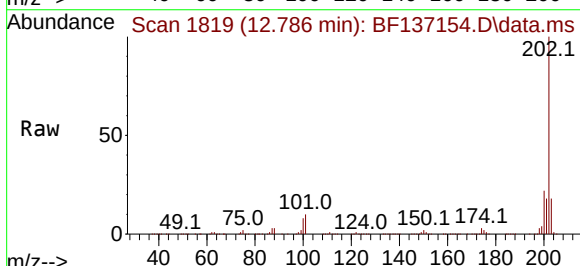
Tgt Ion:202 Resp: 744149

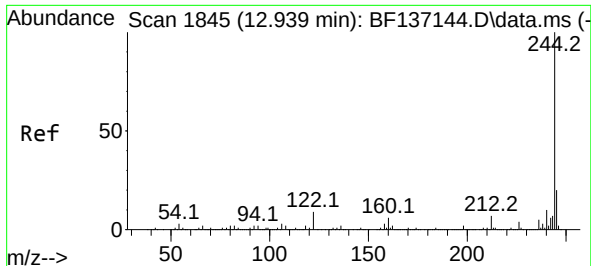
Ion Ratio Lower Upper

202 100

200 21.6 17.3 25.9

203 17.7 13.8 20.8

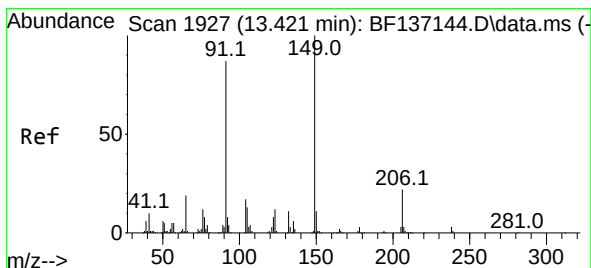
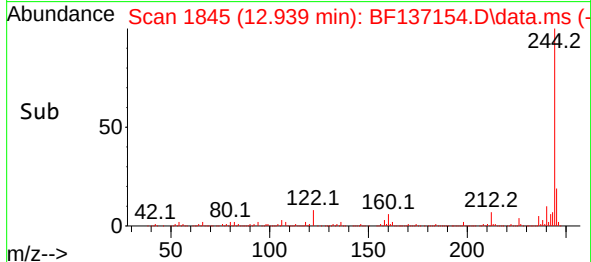
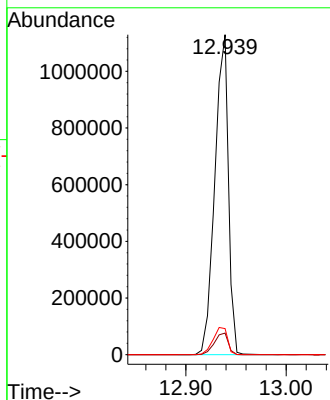
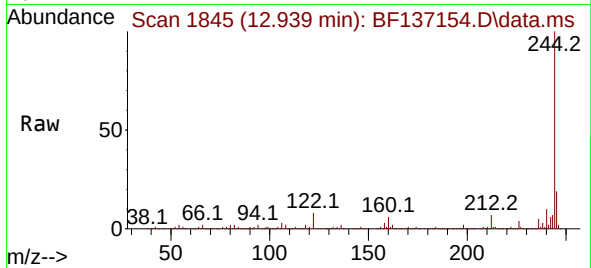




#79
 Terphenyl-d14
 Concen: 91.622 ng
 RT: 12.939 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: BF137154.D
 Acq: 25 Jan 2024 18:33

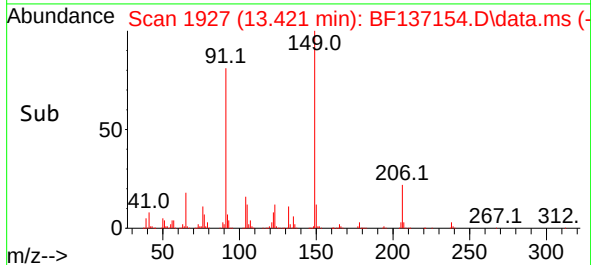
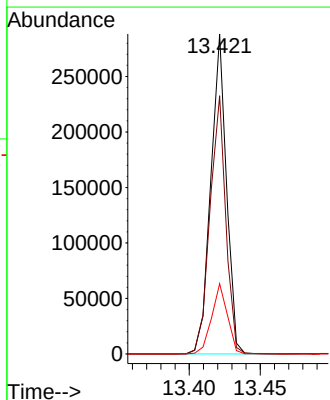
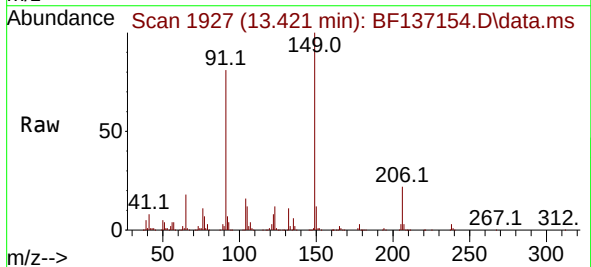
Instrument :
 BNA_F
 ClientSampleId :
 72-11985MS

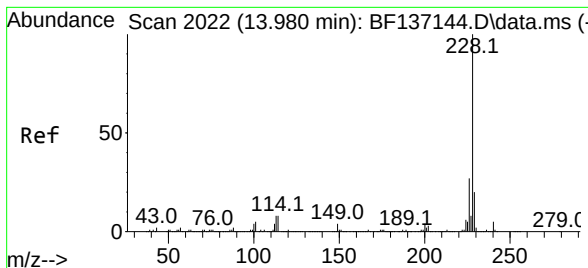
Tgt Ion:244 Resp: 1059915
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 8.2 7.3 10.9



#80
 Butylbenzylphthalate
 Concen: 63.998 ng
 RT: 13.421 min Scan# 1927
 Delta R.T. 0.000 min
 Lab File: BF137154.D
 Acq: 25 Jan 2024 18:33

Tgt Ion:149 Resp: 221515
 Ion Ratio Lower Upper
 149 100
 91 80.7 69.4 104.0
 206 22.0 17.4 26.0

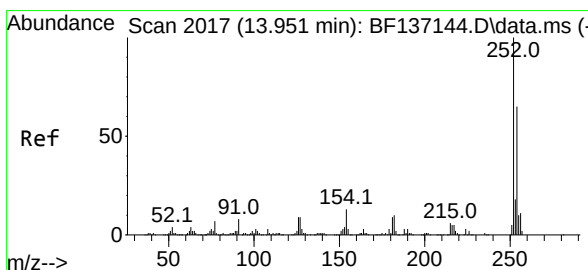
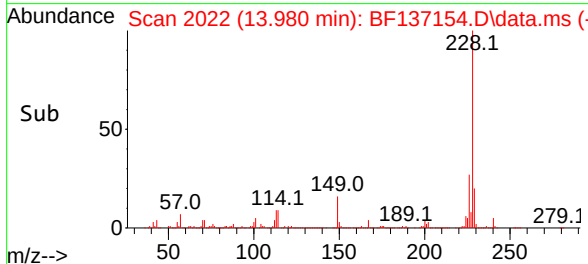
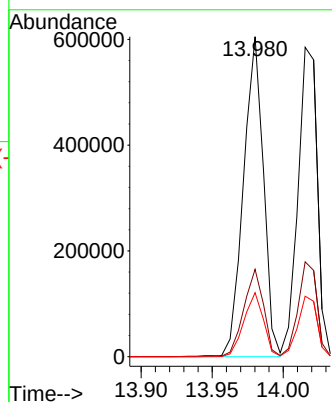
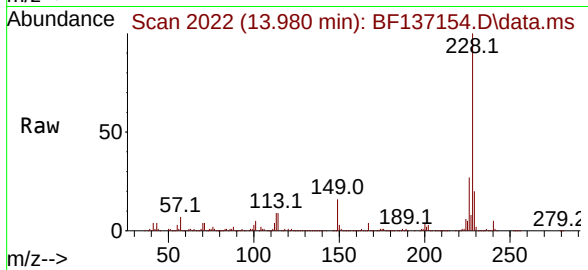




#81
Benzo(a)anthracene
Concen: 48.669 ng
RT: 13.980 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

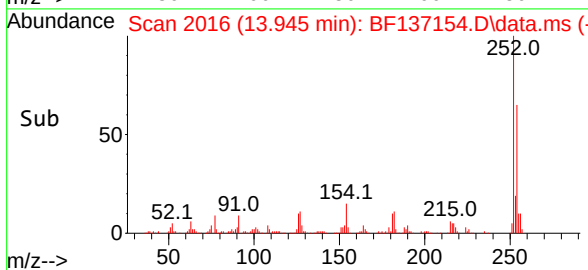
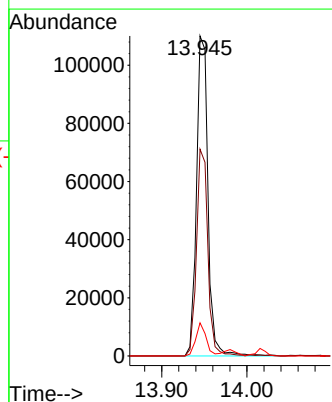
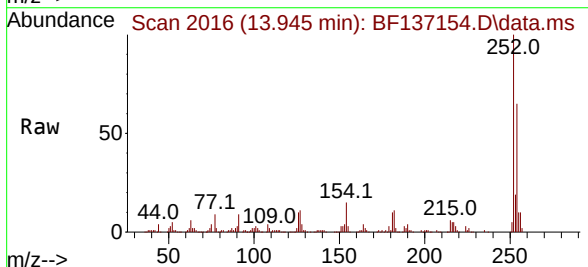
Instrument :
BNA_F
ClientSampleId :
72-11985MS

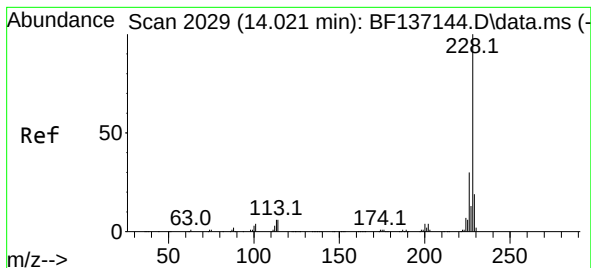
Tgt Ion:228 Resp: 588947
Ion Ratio Lower Upper
228 100
226 27.3 21.4 32.2
229 20.0 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 34.387 ng
RT: 13.945 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

Tgt Ion:252 Resp: 102878
Ion Ratio Lower Upper
252 100
254 64.6 51.7 77.5
126 10.4 7.4 11.0





#83

Chrysene

Concen: 48.169 ng

RT: 14.015 min Scan# 2028

Delta R.T. -0.006 min

Lab File: BF137154.D

Acq: 25 Jan 2024 18:33

Instrument :

BNA_F

ClientSampleId :

72-11985MS

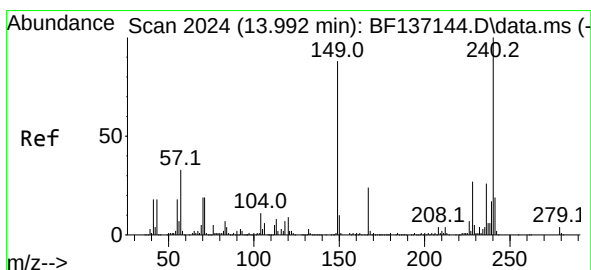
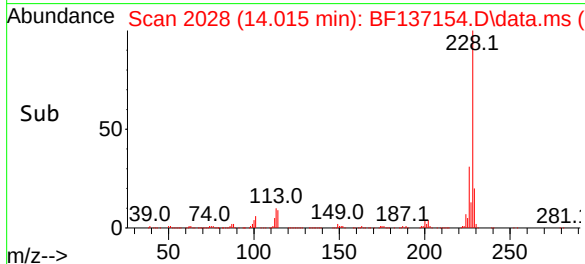
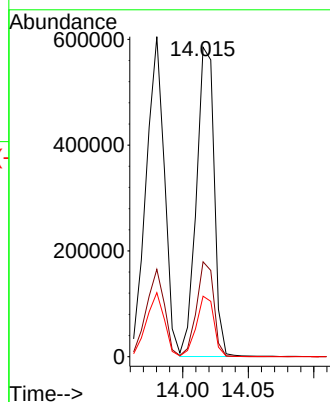
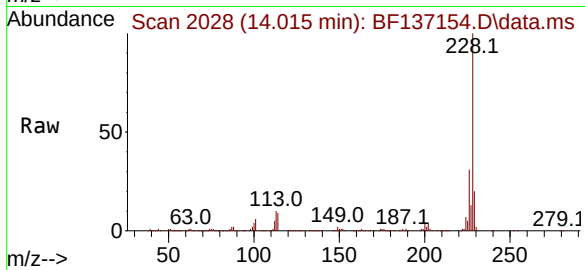
Tgt Ion:228 Resp: 552475

Ion Ratio Lower Upper

228 100

226 30.7 23.8 35.6

229 19.6 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 66.630 ng

RT: 13.992 min Scan# 2024

Delta R.T. -0.000 min

Lab File: BF137154.D

Acq: 25 Jan 2024 18:33

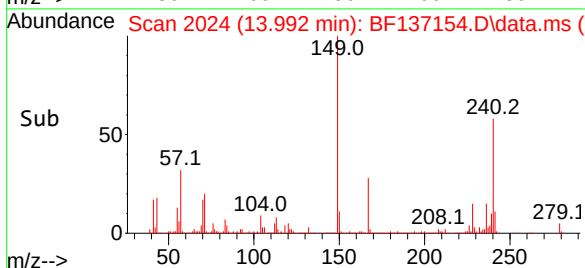
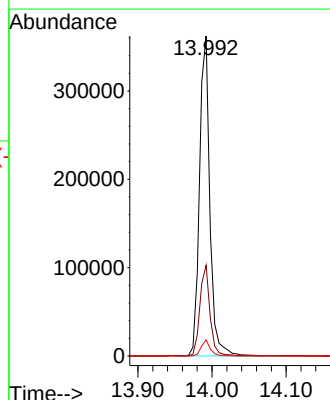
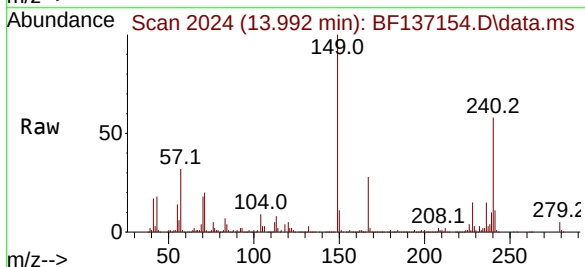
Tgt Ion:149 Resp: 351199

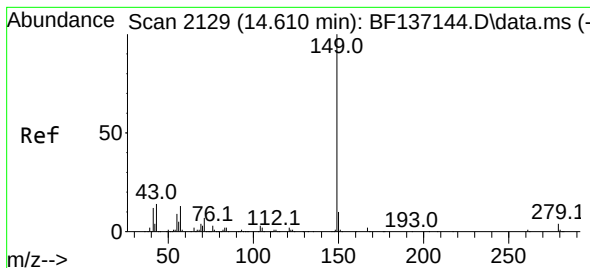
Ion Ratio Lower Upper

149 100

167 28.3 21.7 32.5

279 5.0 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 66.672 ng

RT: 14.610 min Scan# 2129

Delta R.T. -0.000 min

Lab File: BF137154.D

Acq: 25 Jan 2024 18:33

Instrument :

BNA_F

ClientSampleId :

72-11985MS

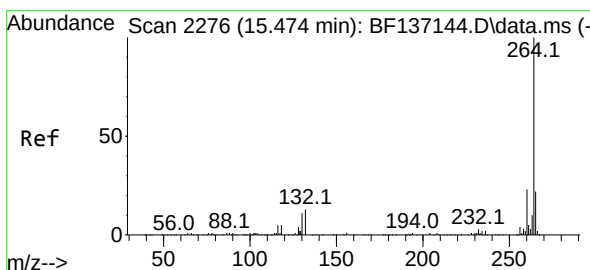
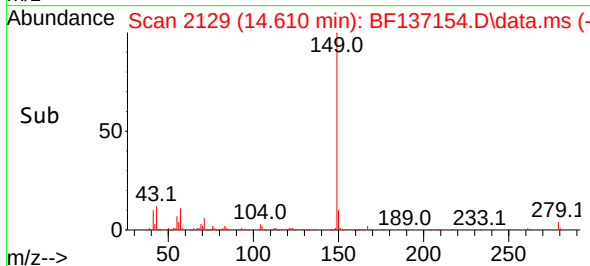
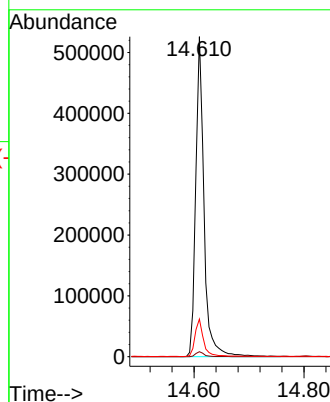
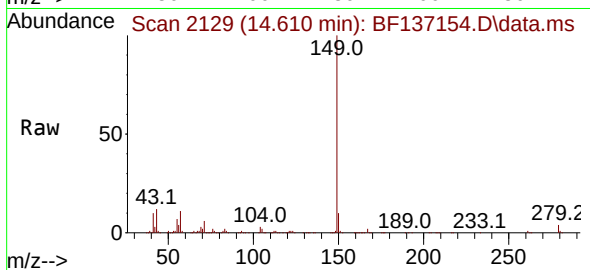
Tgt Ion:149 Resp: 548846

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 12.0 11.2 16.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.474 min Scan# 2276

Delta R.T. 0.000 min

Lab File: BF137154.D

Acq: 25 Jan 2024 18:33

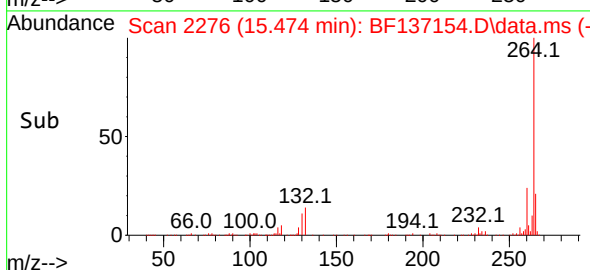
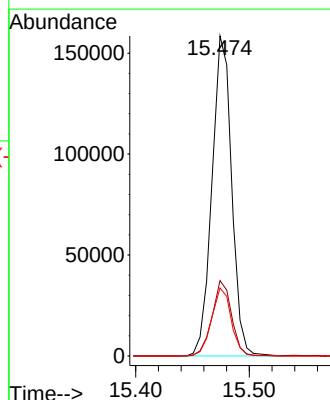
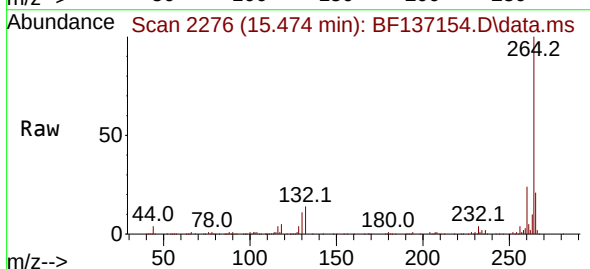
Tgt Ion:264 Resp: 191081

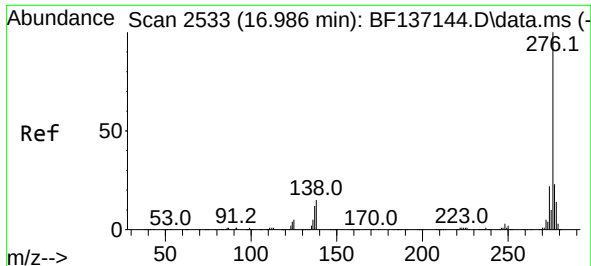
Ion Ratio Lower Upper

264 100

260 23.6 18.5 27.7

265 21.3 17.2 25.8

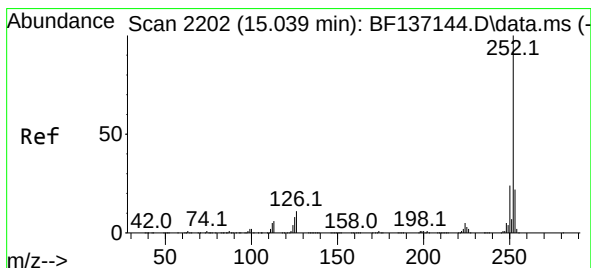
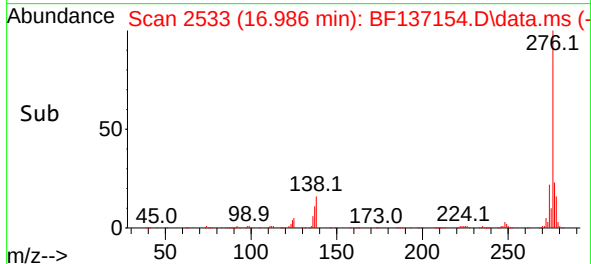
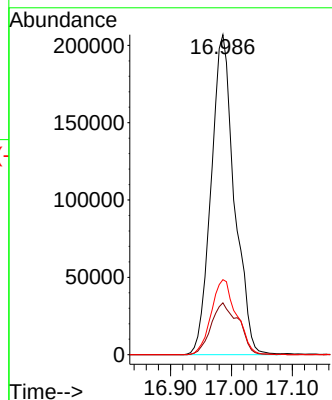
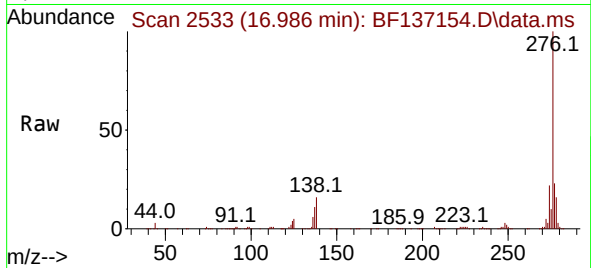




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.786 ng
 RT: 16.986 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF137154.D
 Acq: 25 Jan 2024 18:33

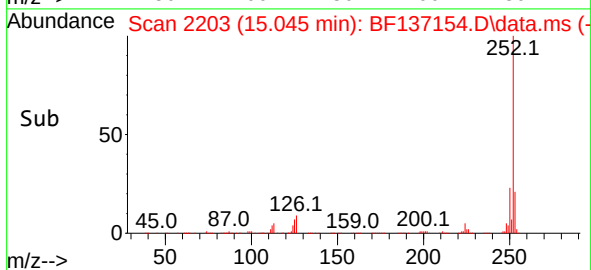
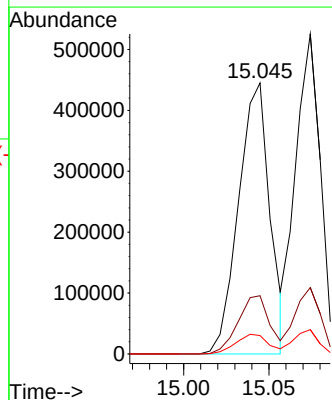
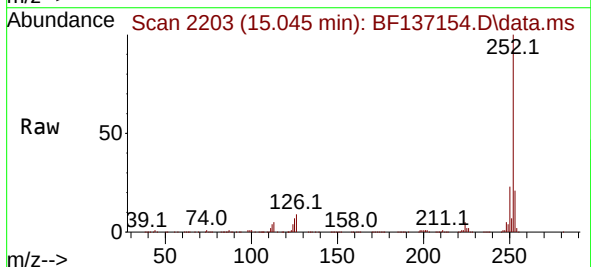
Instrument :
 BNA_F
 ClientSampleId :
 72-11985MS

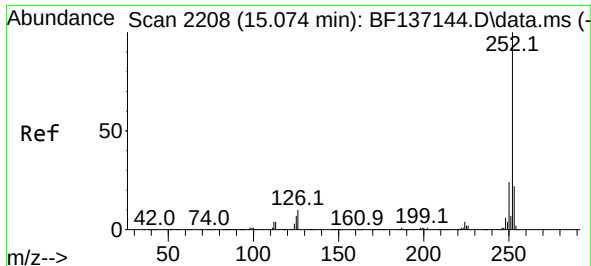
Tgt Ion:276 Resp: 548894
 Ion Ratio Lower Upper
 276 100
 138 19.1 15.4 23.2
 277 25.5 20.5 30.7



#88
 Benzo(b)fluoranthene
 Concen: 45.403 ng
 RT: 15.045 min Scan# 2203
 Delta R.T. 0.006 min
 Lab File: BF137154.D
 Acq: 25 Jan 2024 18:33

Tgt Ion:252 Resp: 569233
 Ion Ratio Lower Upper
 252 100
 253 21.5 17.7 26.5
 125 6.8 6.4 9.6

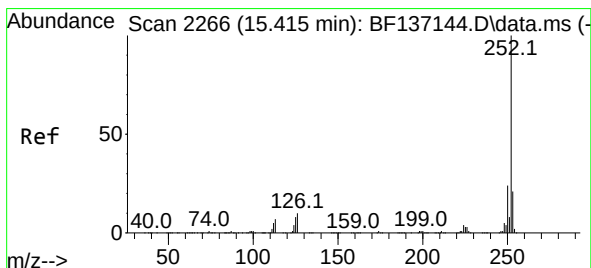
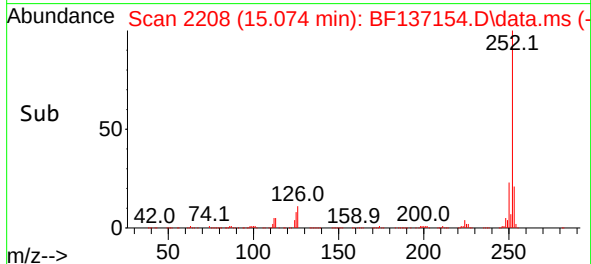
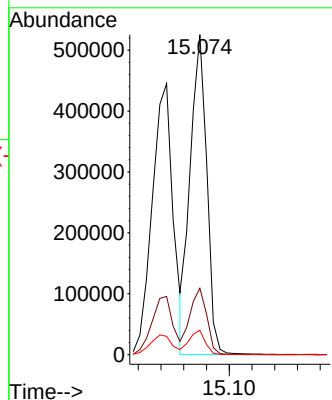
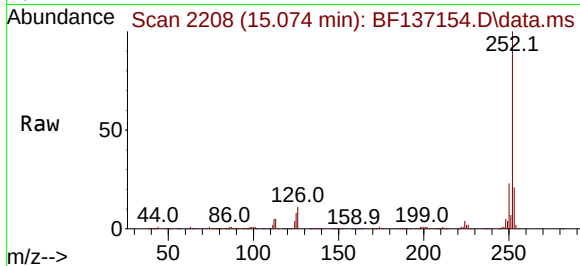




#89
Benzo(k)fluoranthene
Concen: 43.680 ng
RT: 15.074 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

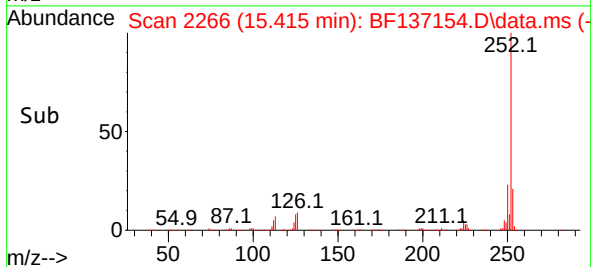
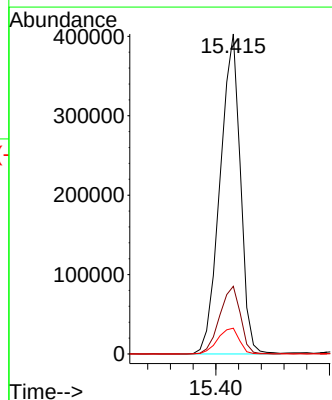
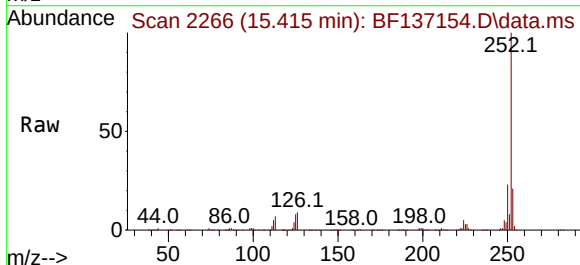
Instrument :
BNA_F
ClientSampleId :
72-11985MS

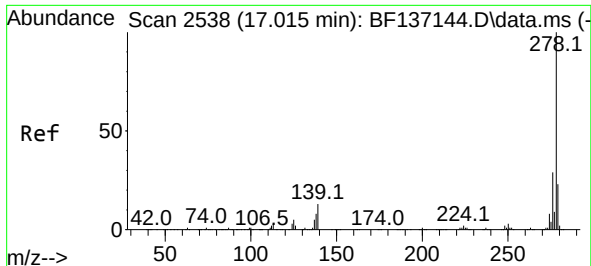
Tgt Ion:252 Resp: 535095
Ion Ratio Lower Upper
252 100
253 20.7 17.9 26.9
125 7.6 5.8 8.8



#90
Benzo(a)pyrene
Concen: 45.216 ng
RT: 15.415 min Scan# 2266
Delta R.T. 0.000 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

Tgt Ion:252 Resp: 500791
Ion Ratio Lower Upper
252 100
253 21.2 16.8 25.2
125 8.0 6.3 9.5



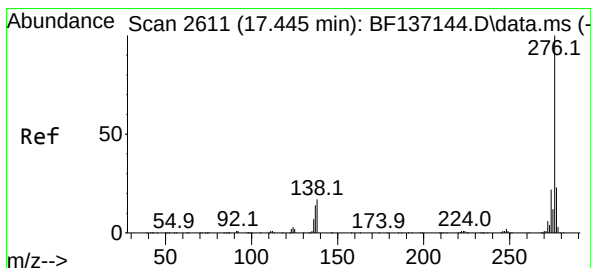
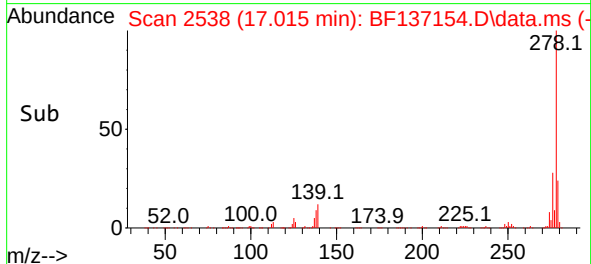
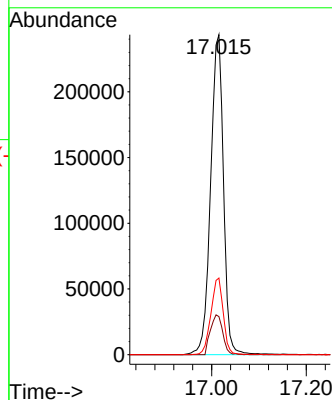
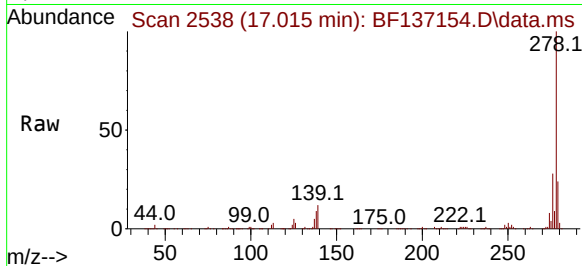


#91
Dibenzo(a,h)anthracene
Concen: 44.400 ng
RT: 17.015 min Scan# 2538
Delta R.T. 0.000 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

Instrument :
BNA_F
ClientSampleId :
72-11985MS

Tgt Ion:278 Resp: 459086

Ion	Ratio	Lower	Upper
278	100		
139	11.9	10.1	15.1
279	24.0	18.5	27.7



#92
Benzo(g,h,i)perylene
Concen: 40.835 ng
RT: 17.445 min Scan# 2611
Delta R.T. 0.000 min
Lab File: BF137154.D
Acq: 25 Jan 2024 18:33

Tgt Ion:276 Resp: 406634

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.6	27.8
138	15.9	13.2	19.8

