

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032224\
 Data File : BF137682.D
 Acq On : 22 Mar 2024 15:26
 Operator : CG\JU
 Sample : P1827-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11933MS

Quant Time: Mar 22 15:52:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 14:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	193602	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	728839	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	390519	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	573985	20.000	ng	0.00
76) Chrysene-d12	13.880	240	336291	20.000	ng	0.00
86) Perylene-d12	15.304	264	372839	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1037123	81.134	ng	0.02
7) Phenol-d6	6.375	99	1403943	76.087	ng	0.00
23) Nitrobenzene-d5	7.298	82	874258	55.735	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	282409	82.349	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1268245	50.837	ng	0.00
79) Terphenyl-d14	12.827	244	936709	38.302	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.481	88	268991	38.485	ng	97
3) Pyridine	3.181	79	623691	36.999	ng	98
4) n-Nitrosodimethylamine	3.151	42	279045	41.431	ng	# 97
6) Aniline	6.392	93	419074	18.587	ng	# 37
8) 2-Chlorophenol	6.516	128	606068	44.952	ng	99
9) Benzaldehyde	6.275	77	114627	12.680	ng	98
10) Phenol	6.387	94	809855	40.778	ng	92
11) bis(2-Chloroethyl)ether	6.469	93	620556	42.640	ng	97
12) 1,3-Dichlorobenzene	6.669	146	633424	43.966	ng	97
13) 1,4-Dichlorobenzene	6.745	146	650831	44.152	ng	98
14) 1,2-Dichlorobenzene	6.898	146	615449	45.488	ng	98
15) Benzyl Alcohol	6.881	79	556758	48.468	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.004	45	900795	36.008	ng	89
17) 2-Methylphenol	6.992	107	481552	38.170	ng	96
18) Hexachloroethane	7.234	117	227049	46.778	ng	94
19) n-Nitroso-di-n-propyla...	7.151	70	448687	39.379	ng	98
20) 3+4-Methylphenols	7.151	107	575054	39.799	ng	# 78
22) Acetophenone	7.145	105	807281	45.778	ng	98
24) Nitrobenzene	7.316	77	677390	42.988	ng	99
25) Isophorone	7.557	82	1271409	42.664	ng	97
26) 2-Nitrophenol	7.634	139	313980	50.189	ng	94
27) 2,4-Dimethylphenol	7.675	122	422574	36.150	ng	99
28) bis(2-Chloroethoxy)met...	7.769	93	767475	43.893	ng	99
29) 2,4-Dichlorophenol	7.875	162	494651	46.107	ng	99
30) 1,2,4-Trichlorobenzene	7.951	180	526252	46.613	ng	99
31) Naphthalene	8.034	128	1689068	43.193	ng	100
32) Benzoic acid	7.828	122	308947	46.171	ng	96
33) 4-Chloroaniline	8.086	127	121730	7.939	ng	99
34) Hexachlorobutadiene	8.145	225	311022	46.663	ng	99
35) Caprolactam	8.469	113	121097	33.289	ng	96
36) 4-Chloro-3-methylphenol	8.581	107	537262	44.802	ng	98
37) 2-Methylnaphthalene	8.722	142	1061129	42.566	ng	100
38) 1-Methylnaphthalene	8.822	142	972047	41.405	ng	100
40) 1,2,4,5-Tetrachloroben...	8.892	216	522397	47.916	ng	99
41) Hexachlorocyclopentadiene	8.875	237	277677	64.223	ng	100
43) 2,4,6-Trichlorophenol	9.004	196	337489	47.536	ng	99

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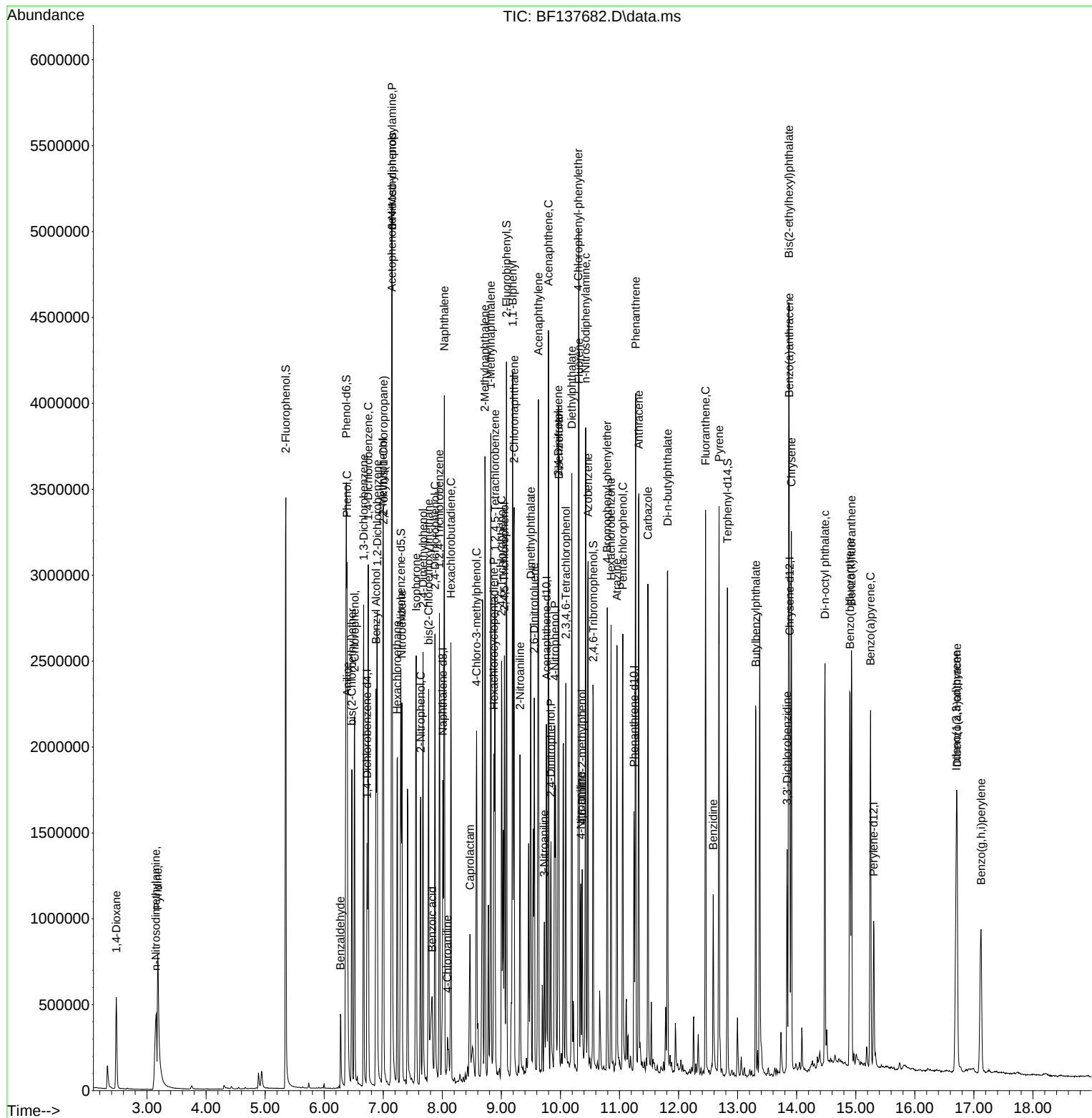
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.051	196	360311	44.056	ng	95
46) 1,1'-Biphenyl	9.192	154	1281220	44.825	ng	98
47) 2-Chloronaphthalene	9.216	162	996244	45.716	ng	99
48) 2-Nitroaniline	9.316	65	341417	46.095	ng	97
49) Acenaphthylene	9.628	152	1543405	44.256	ng	100
50) Dimethylphthalate	9.498	163	1200412	44.158	ng	100
51) 2,6-Dinitrotoluene	9.557	165	258384	45.443	ng	99
52) Acenaphthene	9.798	154	884418	42.479	ng	99
53) 3-Nitroaniline	9.727	138	144331	23.998	ng	97
54) 2,4-Dinitrophenol	9.839	184	194294	71.081	ng	93
55) Dibenzofuran	9.975	168	1307919	41.245	ng	98
56) 4-Nitrophenol	9.904	139	325978	76.400	ng	95
57) 2,4-Dinitrotoluene	9.963	165	309166	44.258	ng	92
58) Fluorene	10.316	166	1006533	41.330	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.092	232	283018	43.154	ng	95
60) Diethylphthalate	10.192	149	1108693	43.188	ng	100
61) 4-Chlorophenyl-phenyle...	10.304	204	502385	42.092	ng	99
62) 4-Nitroaniline	10.345	138	183363	35.473	ng	95
63) Azobenzene	10.469	77	1183630	40.041	ng	96
65) 4,6-Dinitro-2-methylph...	10.369	198	146447	45.778	ng	93
66) n-Nitrosodiphenylamine	10.427	169	899439	48.663	ng	98
67) 4-Bromophenyl-phenylether	10.792	248	318104	50.883	ng	96
68) Hexachlorobenzene	10.857	284	322737	51.112	ng	94
69) Atrazine	10.957	200	283420	50.441	ng	97
70) Pentachlorophenol	11.057	266	324274	84.952	ng	99
71) Phenanthrene	11.274	178	1428500	45.730	ng	100
72) Anthracene	11.327	178	1406779	43.849	ng	99
73) Carbazole	11.480	167	1174041	42.722	ng	99
74) Di-n-butylphthalate	11.816	149	1562579	47.791	ng	100
75) Fluoranthene	12.457	202	1306798	42.798	ng	98
77) Benzidine	12.586	184	442178	53.729	ng	98
78) Pyrene	12.686	202	1319063	39.974	ng	100
80) Butylbenzylphthalate	13.310	149	500672	59.412	ng	93
81) Benzo(a)anthracene	13.874	228	1092620	46.356	ng	100
82) 3,3'-Dichlorobenzidine	13.839	252	285778	45.529	ng	99
83) Chrysene	13.910	228	1093662	45.909	ng	99
84) Bis(2-ethylhexyl)phtha...	13.868	149	677697	63.270	ng	# 97
85) Di-n-octyl phthalate	14.480	149	1246831	58.950	ng	97
87) Indeno(1,2,3-cd)pyrene	16.704	276	901552	36.745	ng	95
88) Benzo(b)fluoranthene	14.904	252	1171880	53.135	ng	98
89) Benzo(k)fluoranthene	14.927	252	1006393	42.483	ng	99
90) Benzo(a)pyrene	15.251	252	995554	45.806	ng	98
91) Dibenzo(a,h)anthracene	16.715	278	716451	35.997	ng	97
92) Benzo(g,h,i)perylene	17.121	276	665009	32.534	ng	98

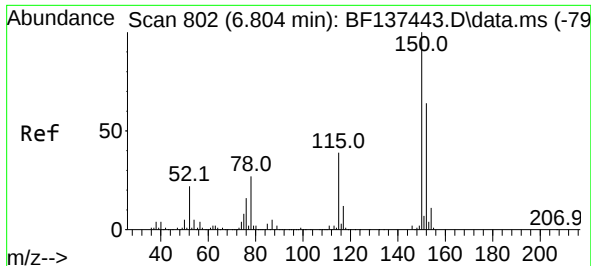
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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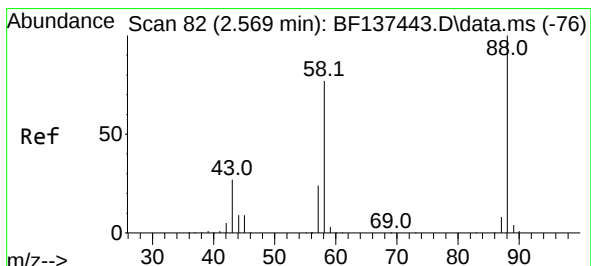
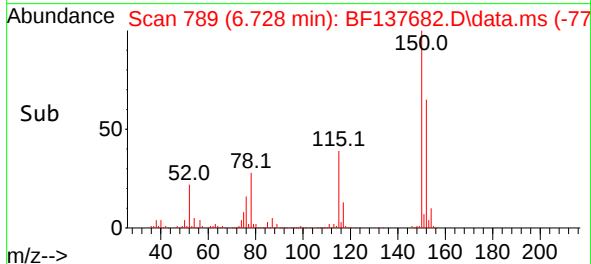
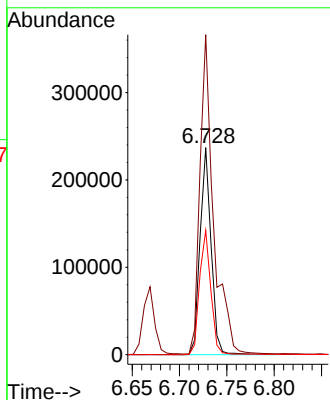
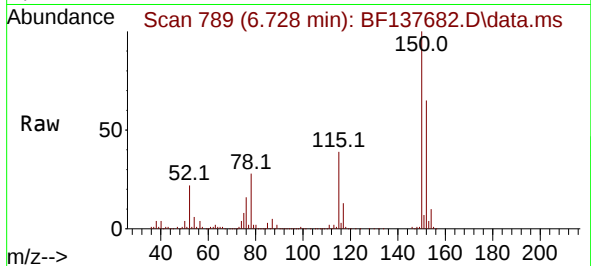




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.728 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF137682.D
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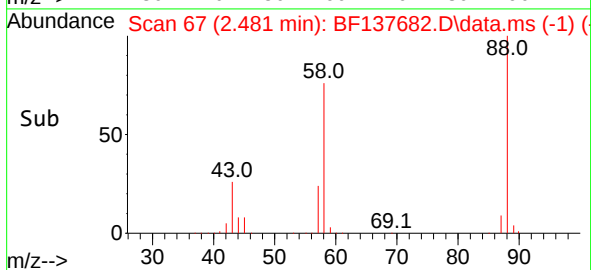
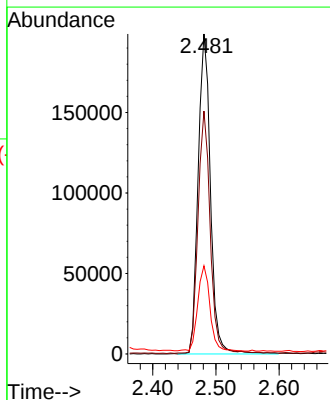
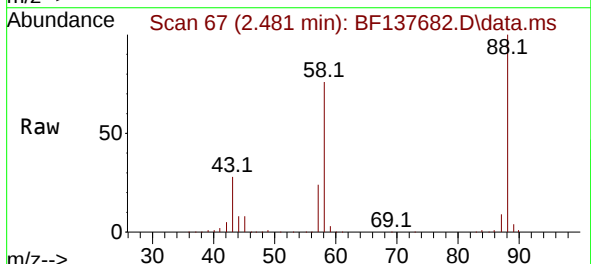
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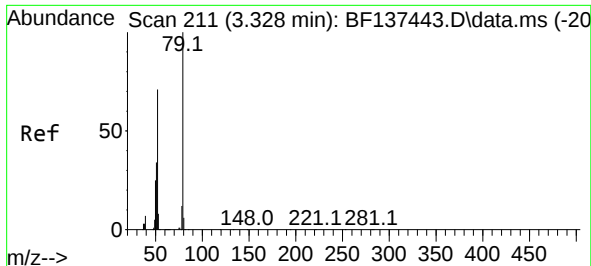
Tgt Ion:152 Resp: 193602
 Ion Ratio Lower Upper
 152 100
 150 154.6 125.8 188.6
 115 60.1 48.8 73.2



#2
 1,4-Dioxane
 Concen: 38.485 ng
 RT: 2.481 min Scan# 67
 Delta R.T. 0.112 min
 Lab File: BF137682.D
 Acq: 22 Mar 2024 15:26

Tgt Ion: 88 Resp: 268991
 Ion Ratio Lower Upper
 88 100
 58 75.1 61.8 92.8
 43 26.4 22.2 33.4

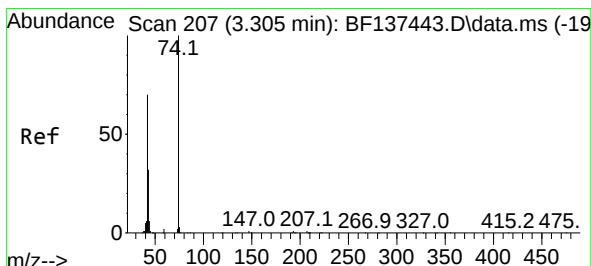
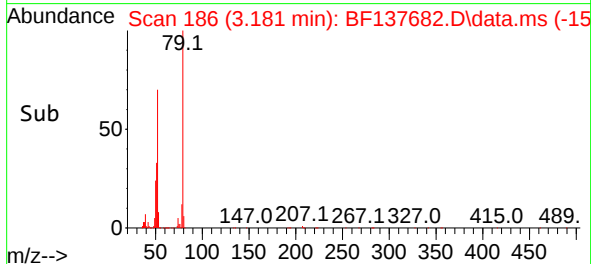
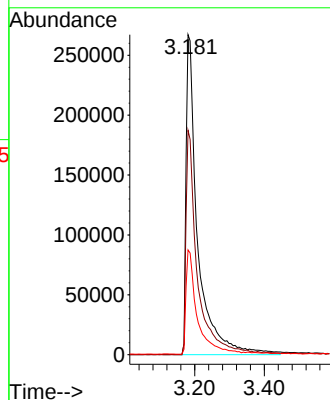
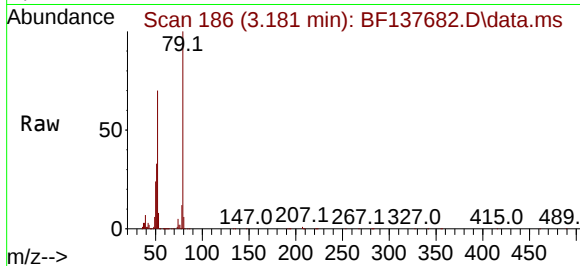




#3
 Pyridine
 Concen: 36.999 ng
 RT: 3.181 min Scan# 186
 Delta R.T. 0.112 min
 Lab File: BF137682.D
 Acq: 22 Mar 2024 15:26

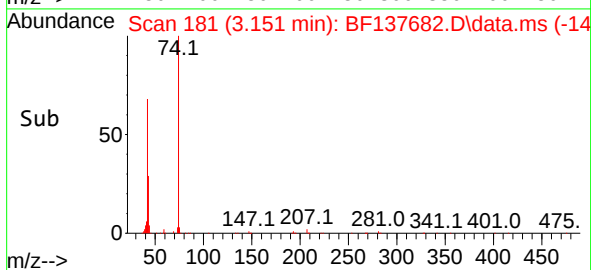
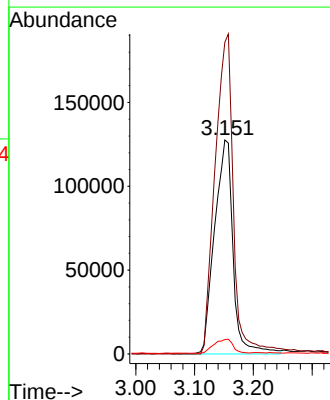
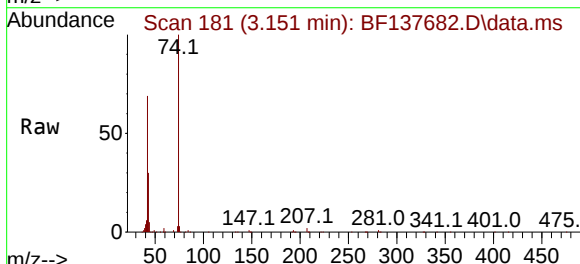
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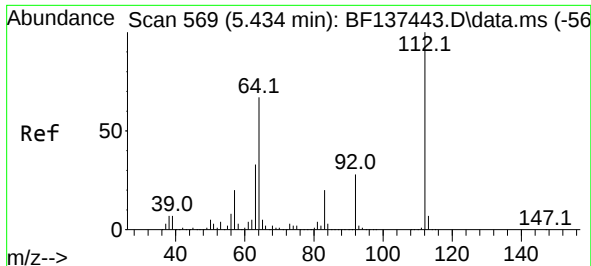
Tgt Ion: 79 Resp: 623691
 Ion Ratio Lower Upper
 79 100
 52 70.1 57.0 85.4
 51 32.7 27.5 41.3



#4
 n-Nitrosodimethylamine
 Concen: 41.431 ng
 RT: 3.151 min Scan# 181
 Delta R.T. 0.112 min
 Lab File: BF137682.D
 Acq: 22 Mar 2024 15:26

Tgt Ion: 42 Resp: 279045
 Ion Ratio Lower Upper
 42 100
 74 145.8 114.0 171.0
 44 6.8 7.0 10.4

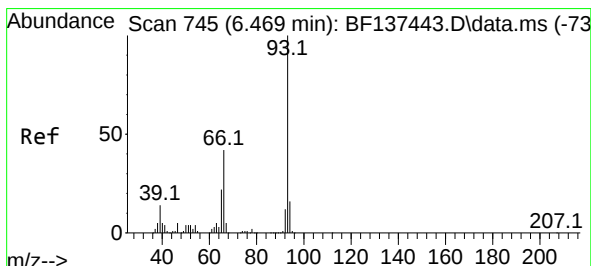
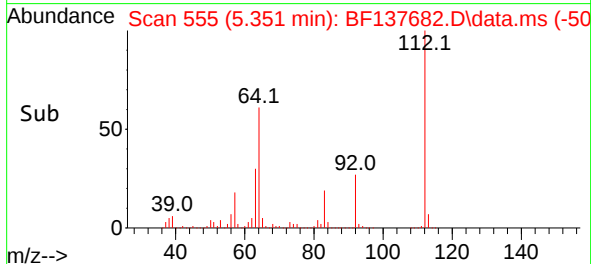
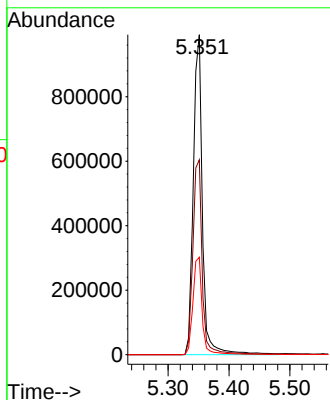
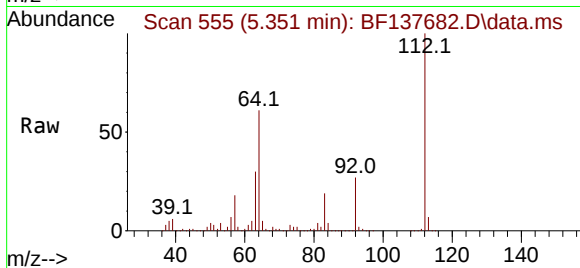




#5
2-Fluorophenol
Concen: 81.134 ng
RT: 5.351 min Scan# 51
Delta R.T. 0.017 min
Lab File: BF137682.D
Acq: 22 Mar 2024 15:26

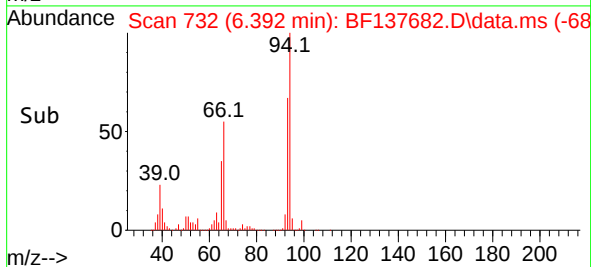
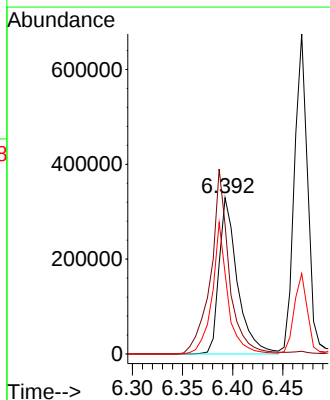
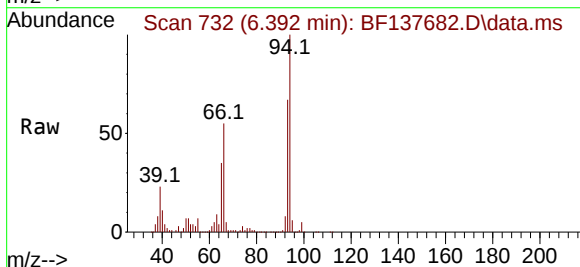
Instrument :
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ClientSampleId :
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Tgt Ion:112 Resp: 1037123
Ion Ratio Lower Upper
112 100
64 60.9 53.4 80.2
63 30.4 26.2 39.2



#6
Aniline
Concen: 18.587 ng
RT: 6.392 min Scan# 732
Delta R.T. -0.000 min
Lab File: BF137682.D
Acq: 22 Mar 2024 15:26

Tgt Ion: 93 Resp: 419074
Ion Ratio Lower Upper
93 100
66 82.7 34.0 51.0#
65 51.7 17.8 26.8#





#7

Phenol-d6

Concen: 76.087 ng

RT: 6.375 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF137682.D

Acq: 22 Mar 2024 15:26

Instrument :

BNA_F

ClientSampleId :

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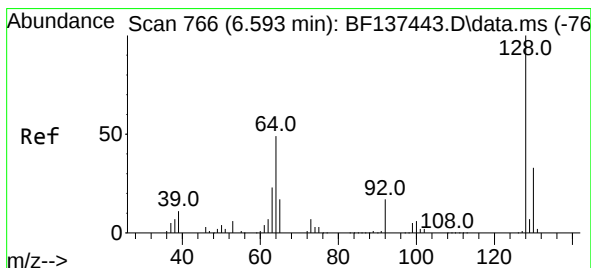
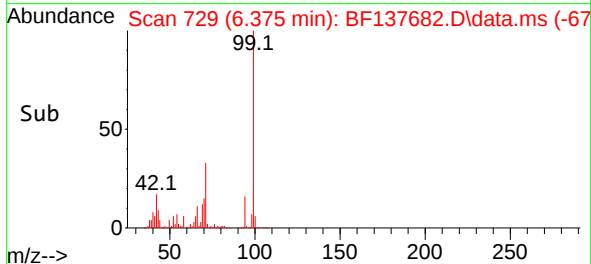
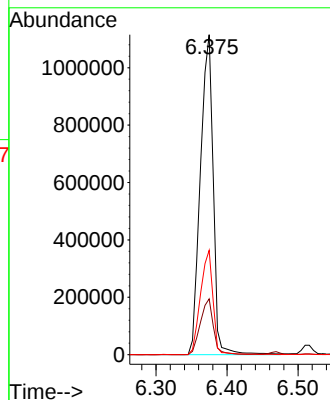
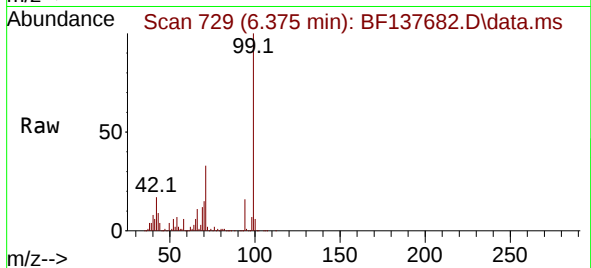
Tgt Ion: 99 Resp: 1403943

Ion Ratio Lower Upper

99 100

42 17.5 14.6 21.8

71 32.6 25.3 37.9



#8

2-Chlorophenol

Concen: 44.952 ng

RT: 6.516 min Scan# 753

Delta R.T. 0.006 min

Lab File: BF137682.D

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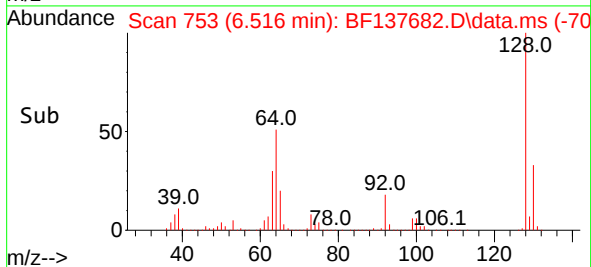
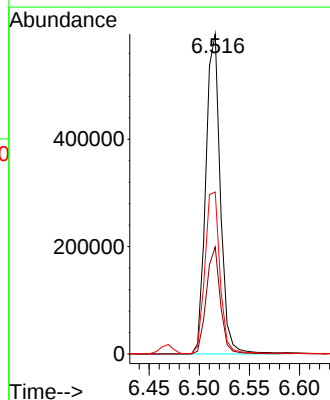
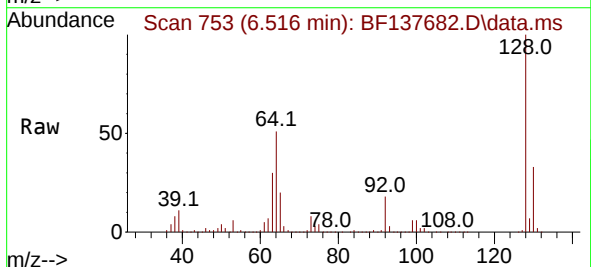
Tgt Ion:128 Resp: 606068

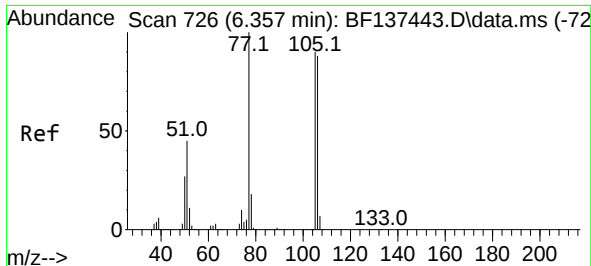
Ion Ratio Lower Upper

128 100

130 33.4 13.4 53.4

64 50.6 30.0 70.0

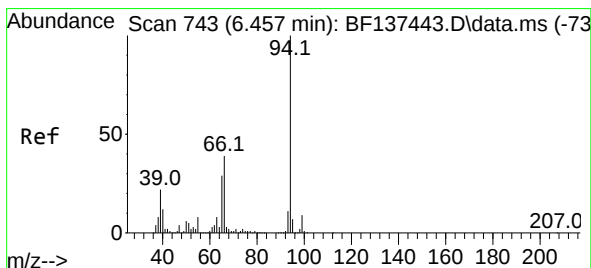
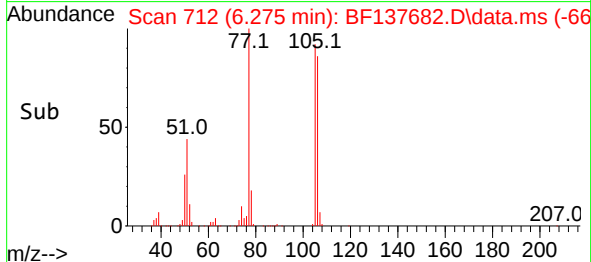
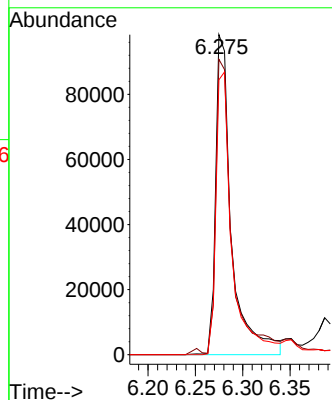
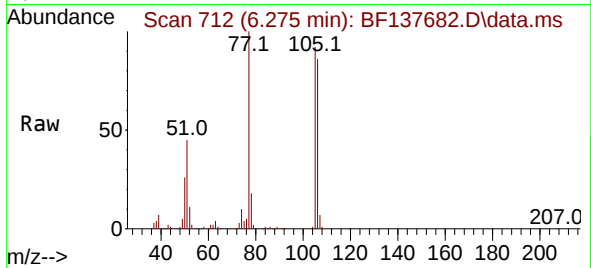




#9
Benzaldehyde
Concen: 12.680 ng
RT: 6.275 min Scan# 712
Delta R.T. -0.006 min
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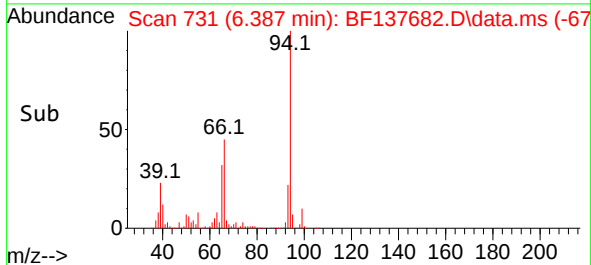
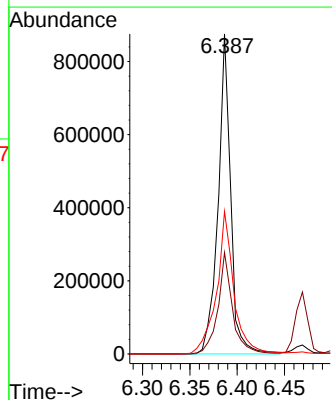
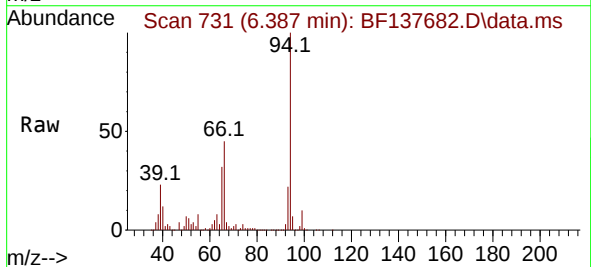
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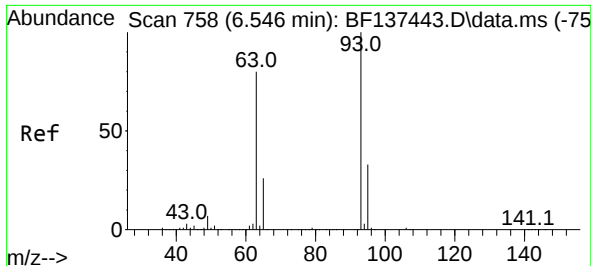
Tgt Ion: 77 Resp: 114627
Ion Ratio Lower Upper
77 100
105 92.3 69.8 109.8
106 85.9 67.8 107.8



#10
Phenol
Concen: 40.778 ng
RT: 6.387 min Scan# 731
Delta R.T. 0.006 min
Lab File: BF137682.D
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Tgt Ion: 94 Resp: 809855
Ion Ratio Lower Upper
94 100
65 31.7 8.7 48.7
66 44.6 18.6 58.6

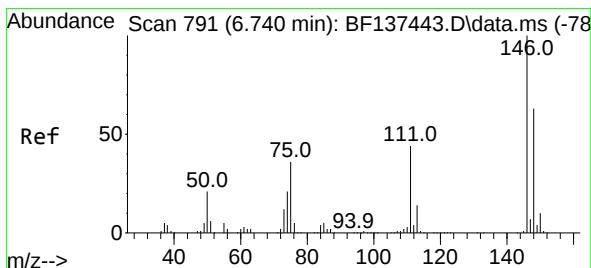
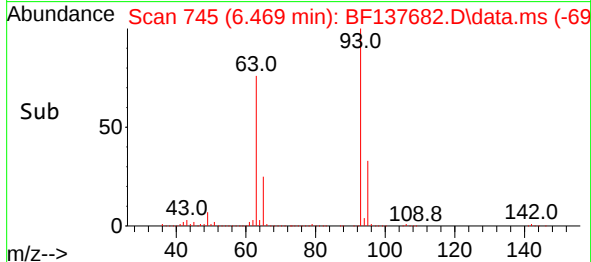
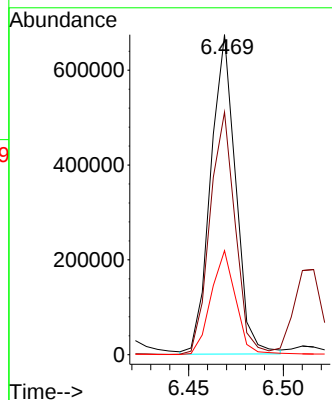
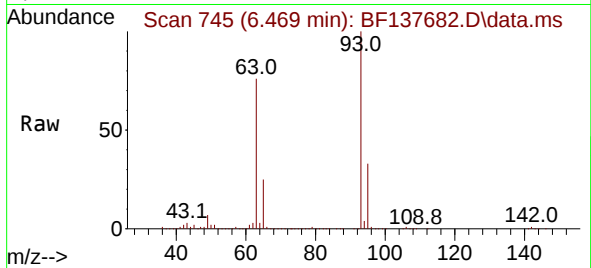




#11
bis(2-Chloroethyl)ether
Concen: 42.640 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF137682.D
Acq: 22 Mar 2024 15:26

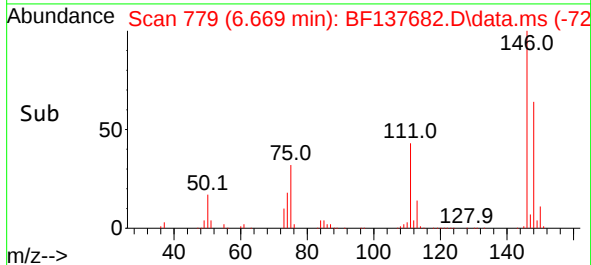
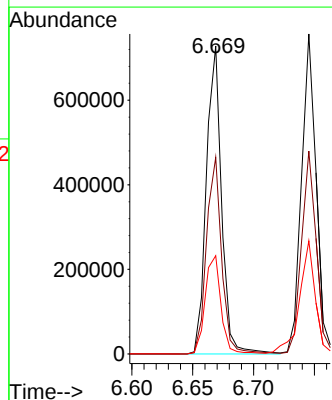
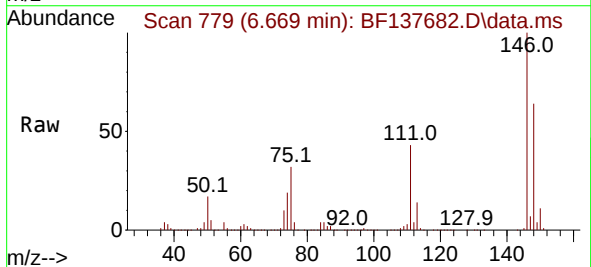
Instrument :
BNA_F
ClientSampleId :
72-11933MS

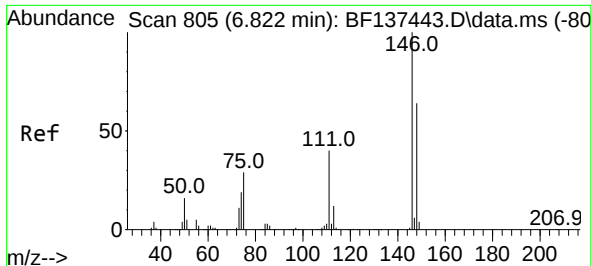
Tgt Ion: 93 Resp: 620556
Ion Ratio Lower Upper
93 100
63 75.8 58.9 98.9
95 32.5 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 43.966 ng
RT: 6.669 min Scan# 779
Delta R.T. -0.000 min
Lab File: BF137682.D
Acq: 22 Mar 2024 15:26

Tgt Ion: 146 Resp: 633424
Ion Ratio Lower Upper
146 100
148 63.8 50.3 75.5
75 31.9 29.0 43.4





#13

1,4-Dichlorobenzene

Concen: 44.152 ng

RT: 6.745 min Scan# 79

Delta R.T. -0.000 min

Lab File: BF137682.D

Acq: 22 Mar 2024 15:26

Instrument :

BNA_F

ClientSampleId :

72-11933MS

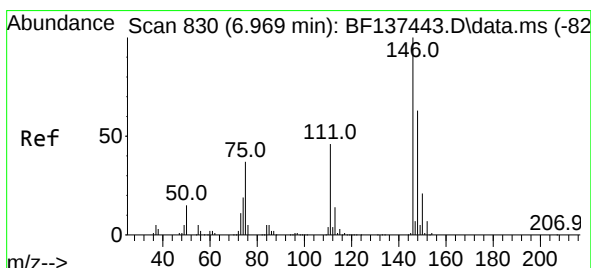
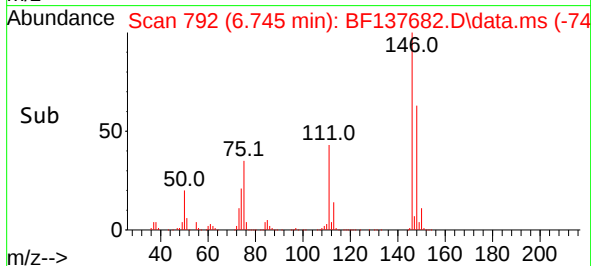
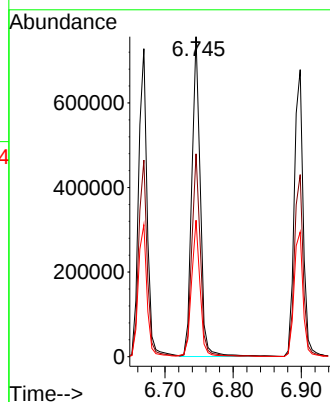
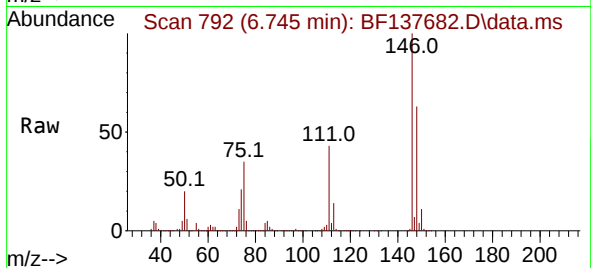
Tgt Ion:146 Resp: 650831

Ion Ratio Lower Upper

146 100

148 63.4 51.2 76.8

111 42.7 32.4 48.6



#14

1,2-Dichlorobenzene

Concen: 45.488 ng

RT: 6.898 min Scan# 818

Delta R.T. -0.000 min

Lab File: BF137682.D

Acq: 22 Mar 2024 15:26

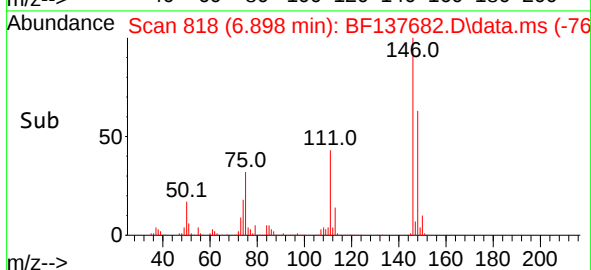
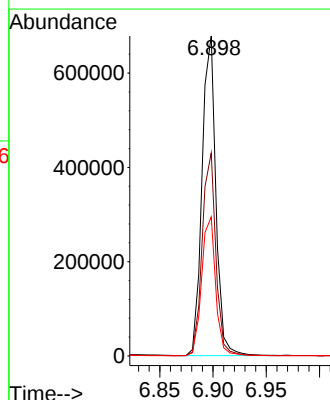
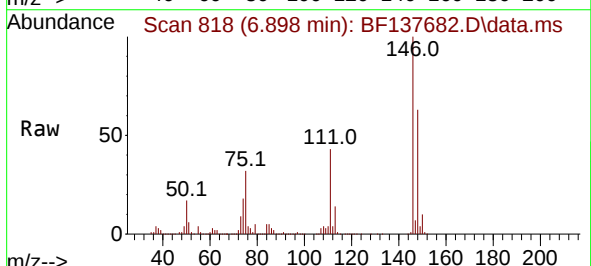
Tgt Ion:146 Resp: 615449

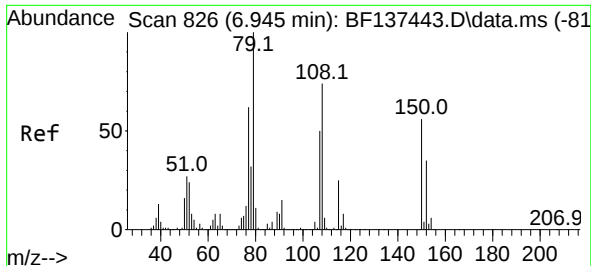
Ion Ratio Lower Upper

146 100

148 63.4 50.0 75.0

111 43.5 36.8 55.2

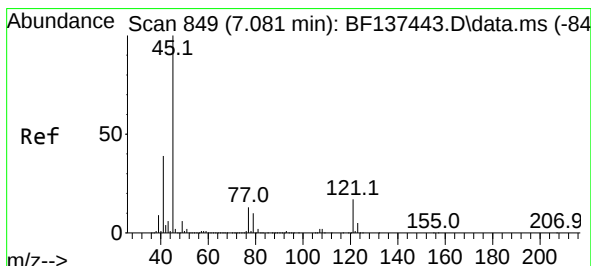
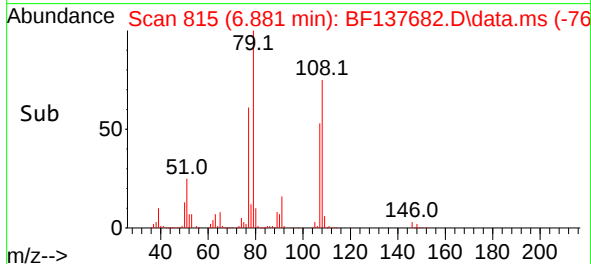
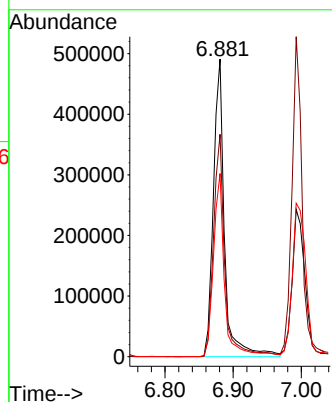
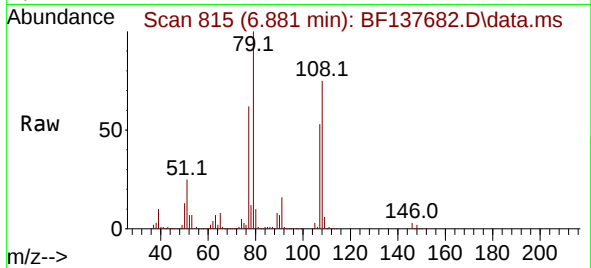




#15
Benzyl Alcohol
Concen: 48.468 ng
RT: 6.881 min Scan# 815
Delta R.T. 0.006 min
Lab File: BF137682.D
Acq: 22 Mar 2024 15:26

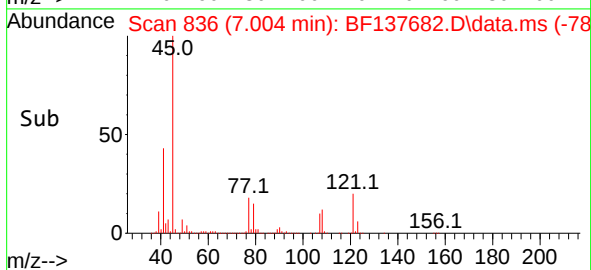
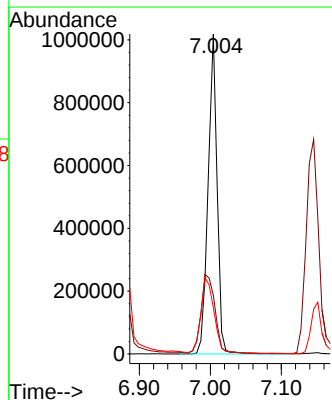
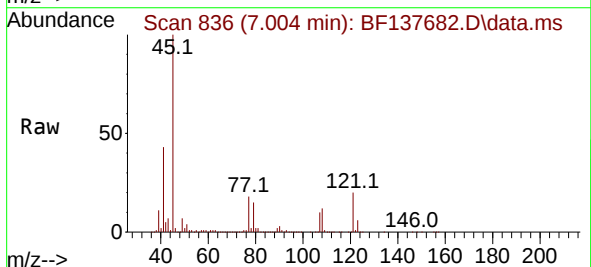
Instrument :
BNA_F
ClientSampleId :
72-11933MS

Tgt Ion: 79 Resp: 556758
Ion Ratio Lower Upper
79 100
108 74.8 59.5 89.3
77 61.5 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.008 ng
RT: 7.004 min Scan# 836
Delta R.T. -0.000 min
Lab File: BF137682.D
Acq: 22 Mar 2024 15:26

Tgt Ion: 45 Resp: 900795
Ion Ratio Lower Upper
45 100
77 18.4 0.0 33.4
79 14.5 0.0 30.9

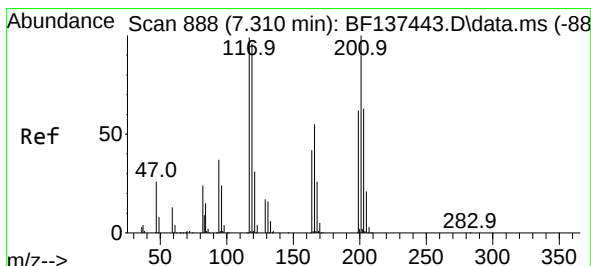
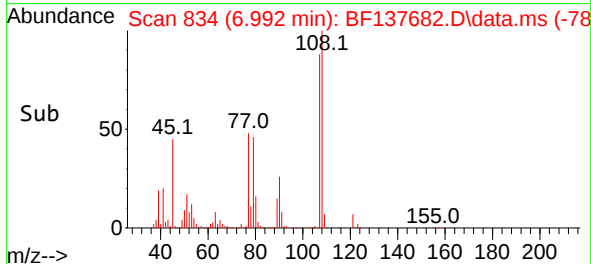
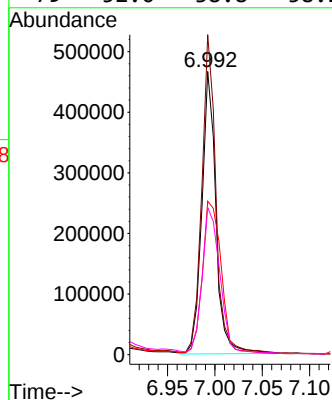
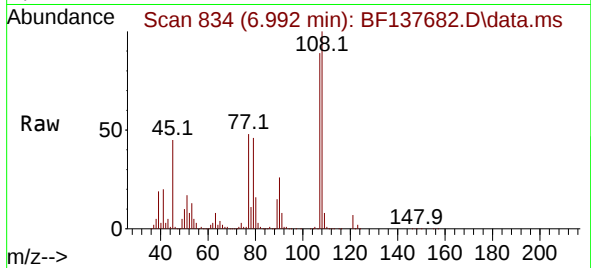




#17
2-Methylphenol
Concen: 38.170 ng
RT: 6.992 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF137682.D
Acq: 22 Mar 2024 15:26

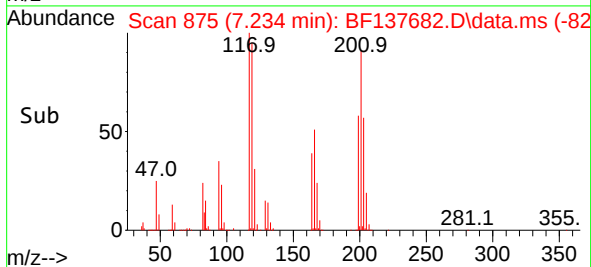
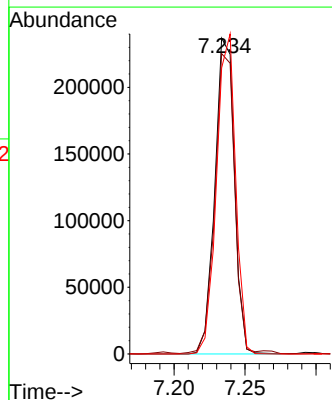
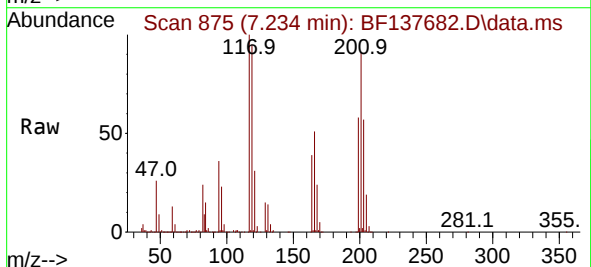
Instrument :
BNA_F
ClientSampleId :
72-11933MS

Tgt Ion:107 Resp: 481552
Ion Ratio Lower Upper
107 100
108 113.0 92.2 138.4
77 54.2 38.6 57.8
79 52.0 38.8 58.2



#18
Hexachloroethane
Concen: 46.778 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.000 min
Lab File: BF137682.D
Acq: 22 Mar 2024 15:26

Tgt Ion:117 Resp: 227049
Ion Ratio Lower Upper
117 100
119 95.1 77.5 116.3
201 90.5 80.6 121.0



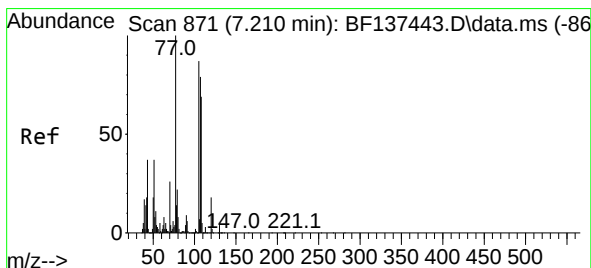
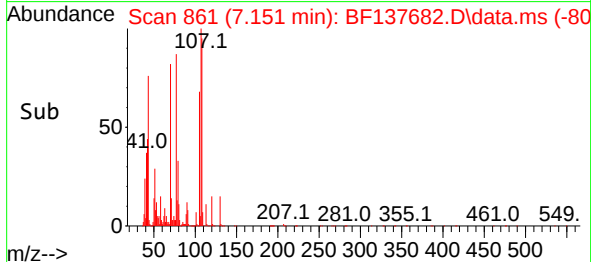
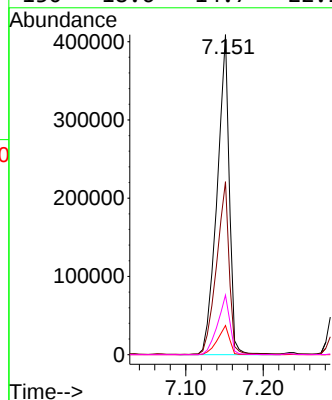
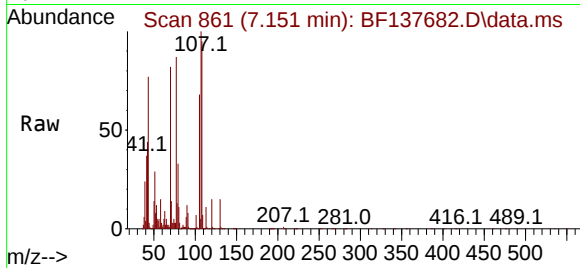


#19
n-Nitroso-di-n-propylamine
Concen: 39.379 ng
RT: 7.151 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF137682.D
Acq: 22 Mar 2024 15:26

Instrument :
BNA_F
ClientSampleId :
72-11933MS

Tgt Ion: 70 Resp: 448687

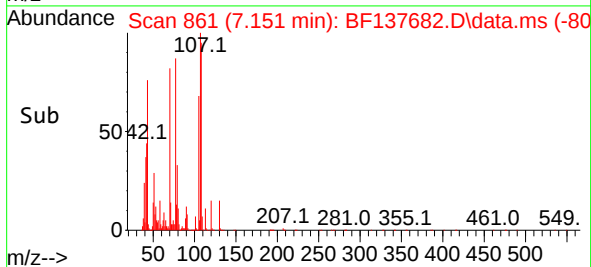
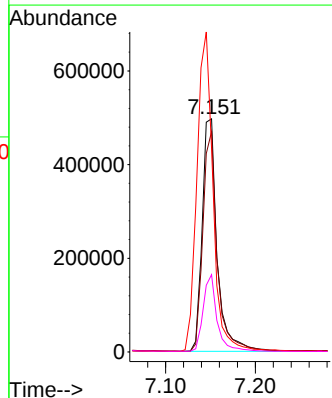
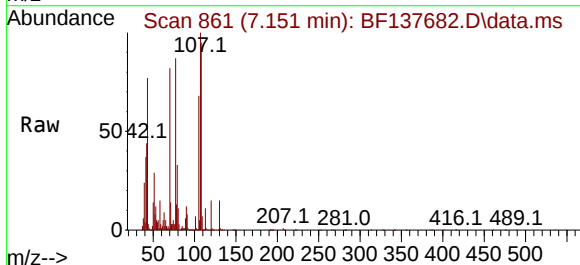
Ion	Ratio	Lower	Upper
70	100		
42	54.0	45.2	67.8
101	9.1	7.3	10.9
130	18.6	14.7	22.1

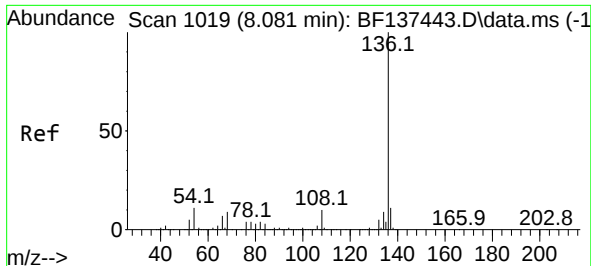


#20
3+4-Methylphenols
Concen: 39.799 ng
RT: 7.151 min Scan# 861
Delta R.T. 0.006 min
Lab File: BF137682.D
Acq: 22 Mar 2024 15:26

Tgt Ion: 107 Resp: 575054

Ion	Ratio	Lower	Upper
107	100		
108	94.5	67.6	107.6
77	87.3	107.1	147.1#
79	33.2	8.6	48.6



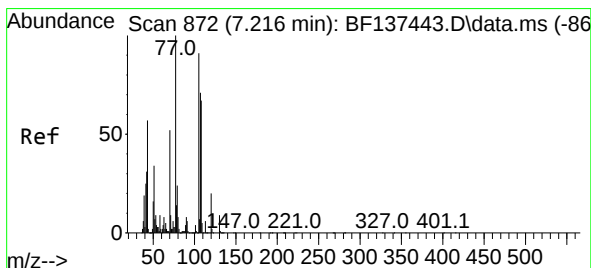
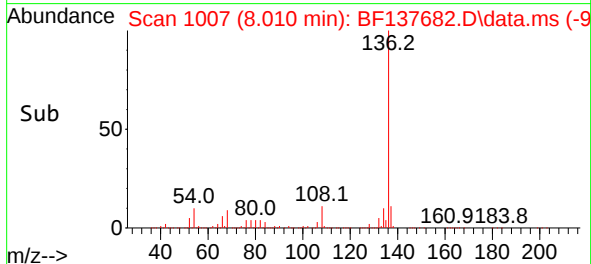
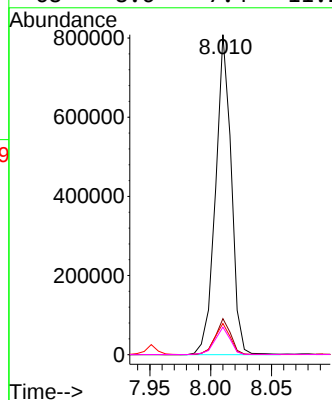
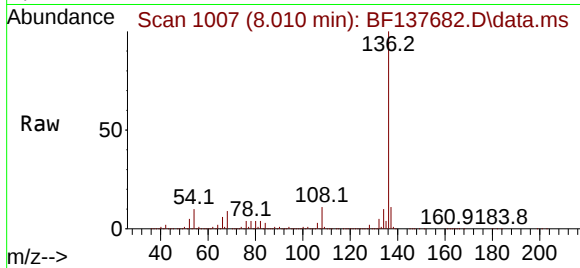


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF137682.D
Acq: 22 Mar 2024 15:26

Instrument :
BNA_F
ClientSampleId :
72-11933MS

Tgt Ion:136 Resp: 728839

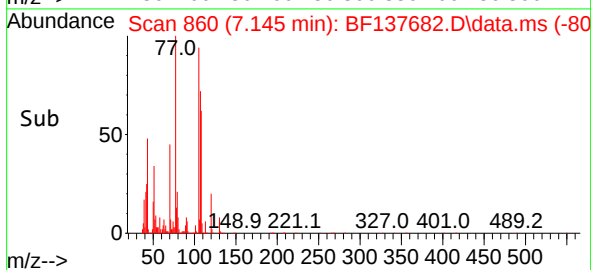
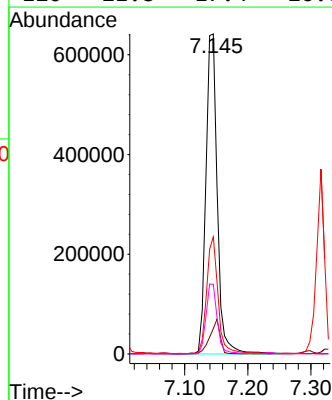
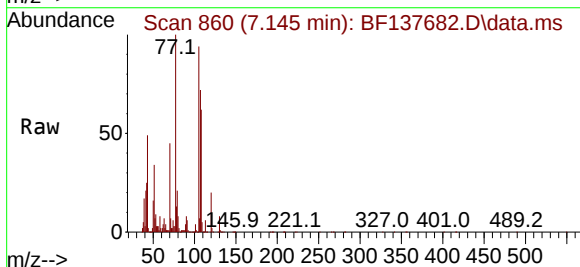
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	9.8	8.5	12.7
68	8.6	7.4	11.2

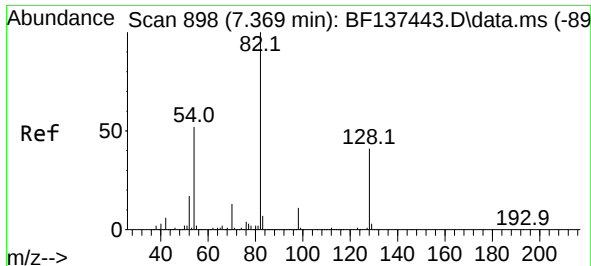


#22
Acetophenone
Concen: 45.778 ng
RT: 7.145 min Scan# 860
Delta R.T. 0.006 min
Lab File: BF137682.D
Acq: 22 Mar 2024 15:26

Tgt Ion:105 Resp: 807281

Ion	Ratio	Lower	Upper
105	100		
71	8.0	7.7	11.5
51	36.6	30.4	45.6
120	21.8	17.4	26.0





#23

Nitrobenzene-d5

Concen: 55.735 ng

RT: 7.298 min Scan# 886

Delta R.T. -0.000 min

Lab File: BF137682.D

Acq: 22 Mar 2024 15:26

Instrument :

BNA_F

ClientSampleId :

72-11933MS

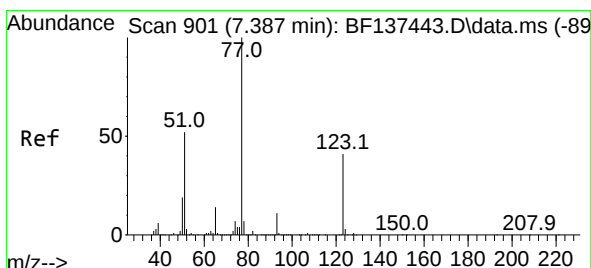
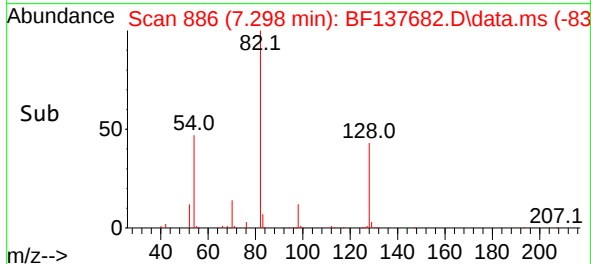
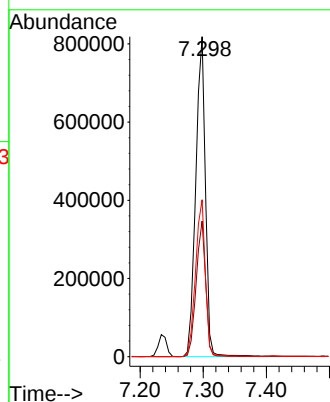
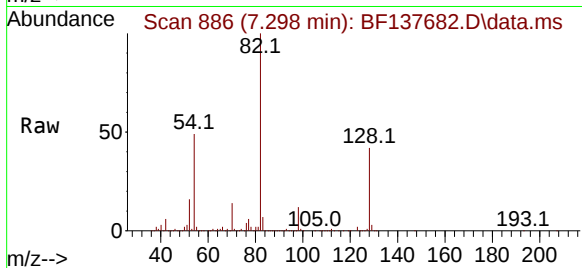
Tgt Ion: 82 Resp: 874258

Ion Ratio Lower Upper

82 100

128 42.4 32.5 48.7

54 49.1 41.5 62.3



#24

Nitrobenzene

Concen: 42.988 ng

RT: 7.316 min Scan# 889

Delta R.T. -0.000 min

Lab File: BF137682.D

Acq: 22 Mar 2024 15:26

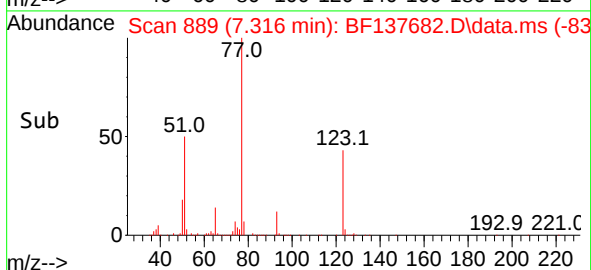
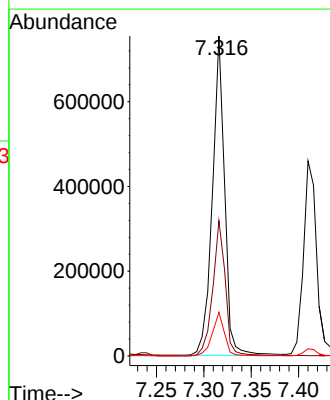
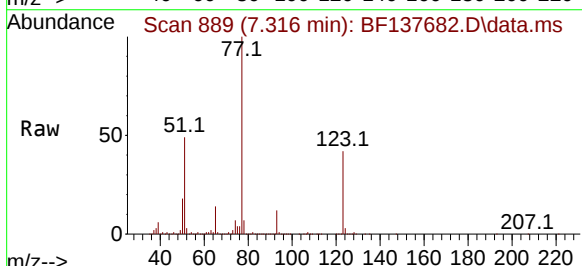
Tgt Ion: 77 Resp: 677390

Ion Ratio Lower Upper

77 100

123 42.3 33.0 49.6

65 13.7 10.9 16.3

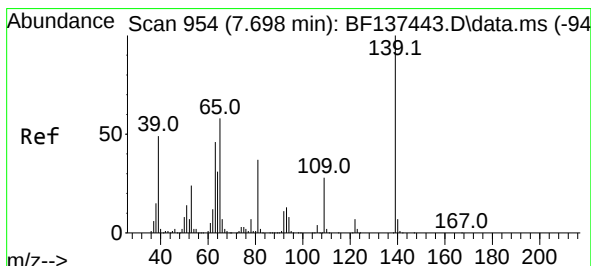
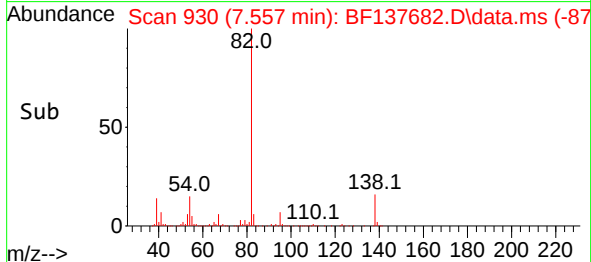
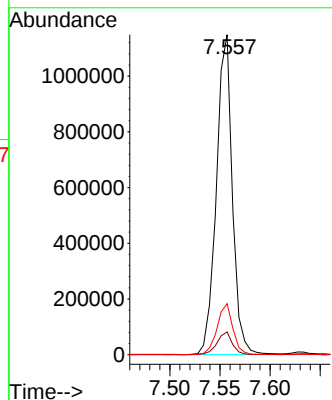
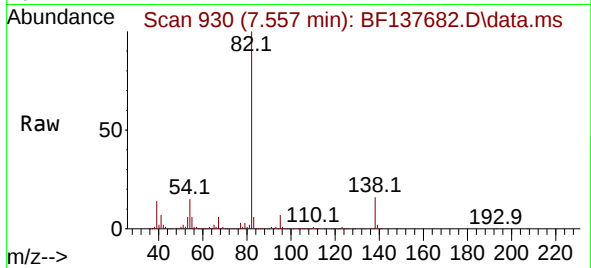




#25
Isophorone
Concen: 42.664 ng
RT: 7.557 min Scan# 911
Delta R.T. 0.006 min
Lab File: BF137682.D
Acq: 22 Mar 2024 15:26

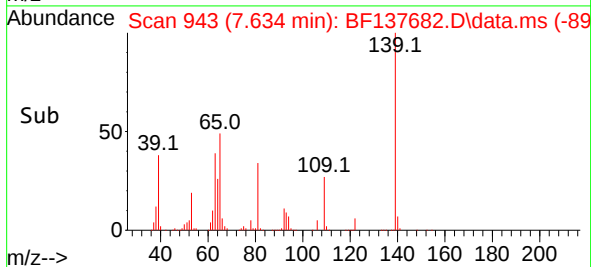
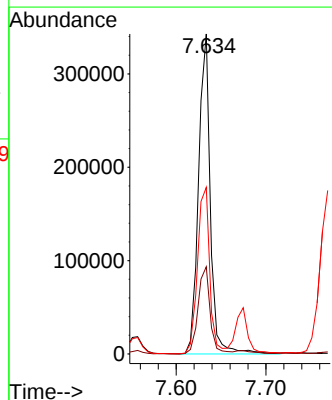
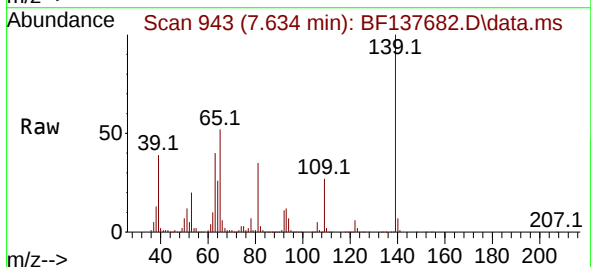
Instrument :
BNA_F
ClientSampleId :
72-11933MS

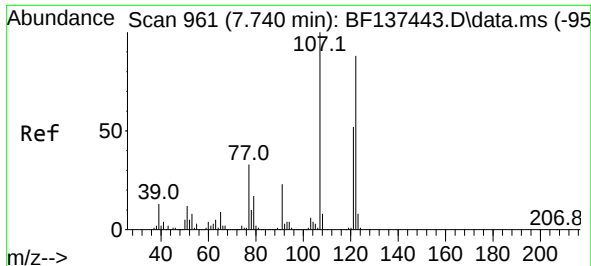
Tgt Ion: 82 Resp: 1271409
Ion Ratio Lower Upper
82 100
95 7.1 5.1 7.7
138 16.0 11.8 17.8



#26
2-Nitrophenol
Concen: 50.189 ng
RT: 7.634 min Scan# 943
Delta R.T. 0.006 min
Lab File: BF137682.D
Acq: 22 Mar 2024 15:26

Tgt Ion:139 Resp: 313980
Ion Ratio Lower Upper
139 100
109 27.2 22.2 33.4
65 52.0 46.2 69.2

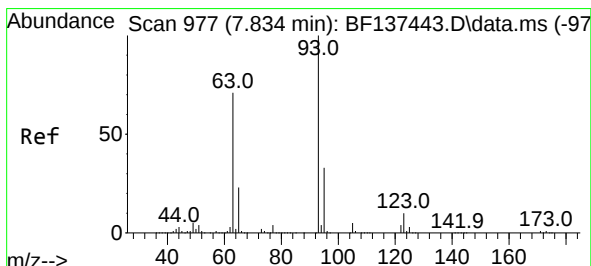
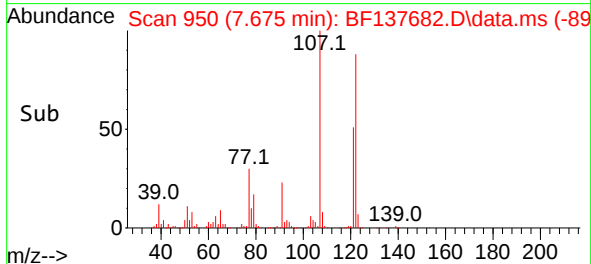
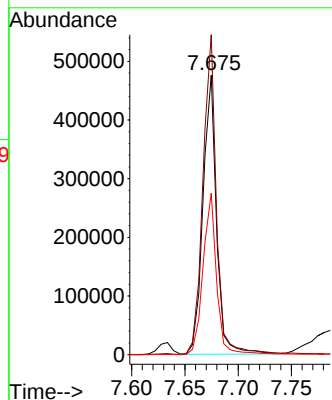
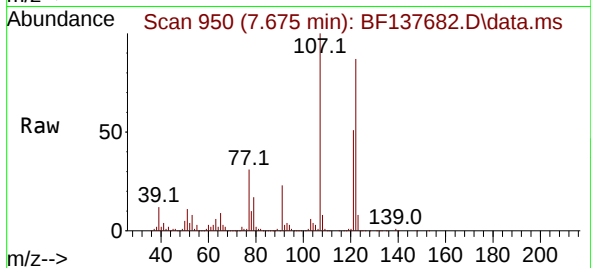




#27
2,4-Dimethylphenol
Concen: 36.150 ng
RT: 7.675 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF137682.D
Acq: 22 Mar 2024 15:26

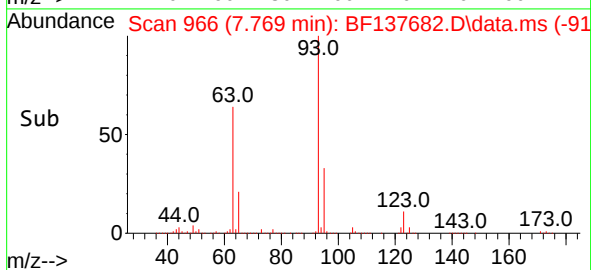
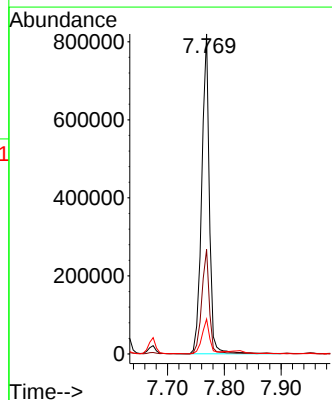
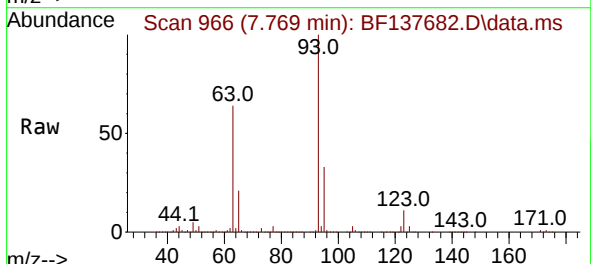
Instrument :
BNA_F
ClientSampleId :
72-11933MS

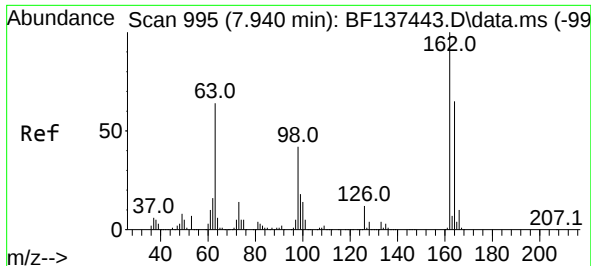
Tgt Ion:122 Resp: 422574
Ion Ratio Lower Upper
122 100
107 114.5 90.9 136.3
121 57.8 47.0 70.6



#28
bis(2-Chloroethoxy)methane
Concen: 43.893 ng
RT: 7.769 min Scan# 966
Delta R.T. 0.006 min
Lab File: BF137682.D
Acq: 22 Mar 2024 15:26

Tgt Ion: 93 Resp: 767475
Ion Ratio Lower Upper
93 100
95 32.7 26.5 39.7
123 10.9 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 46.107 ng

RT: 7.875 min Scan# 995

Delta R.T. 0.006 min

Lab File: BF137682.D

Acq: 22 Mar 2024 15:26

Instrument :

BNA_F

ClientSampleId :

72-11933MS

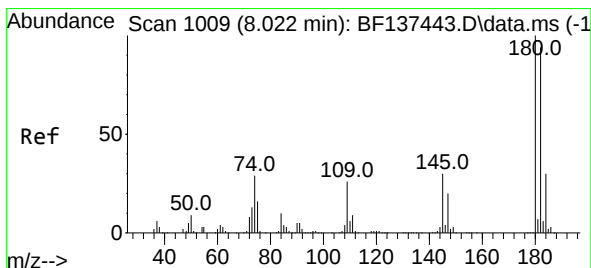
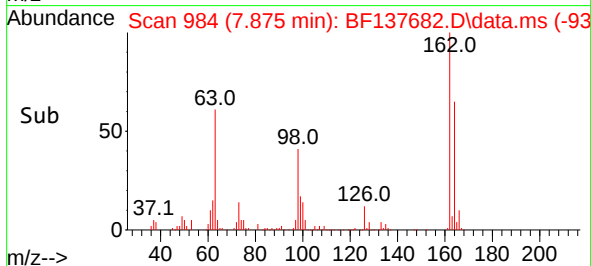
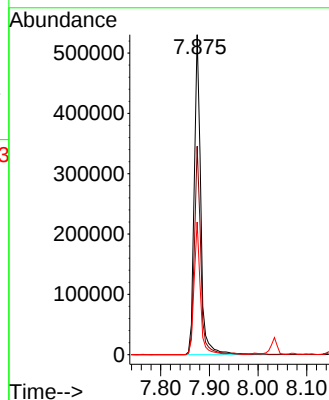
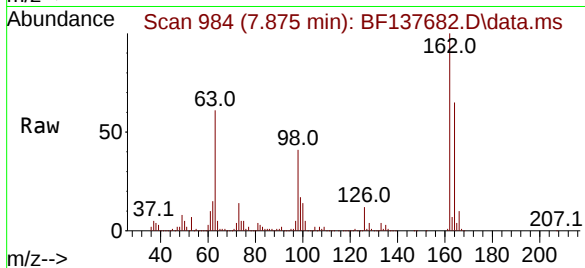
Tgt Ion:162 Resp: 494651

Ion Ratio Lower Upper

162 100

164 65.2 44.7 84.7

98 41.5 22.0 62.0



#30

1,2,4-Trichlorobenzene

Concen: 46.613 ng

RT: 7.951 min Scan# 997

Delta R.T. -0.000 min

Lab File: BF137682.D

Acq: 22 Mar 2024 15:26

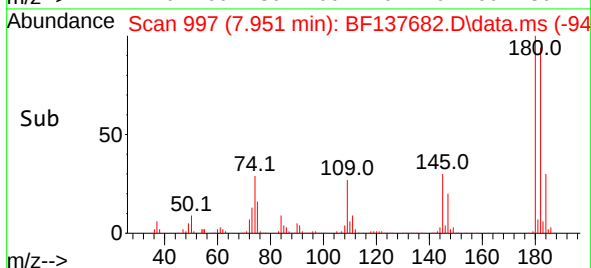
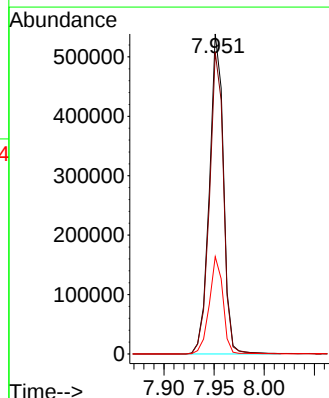
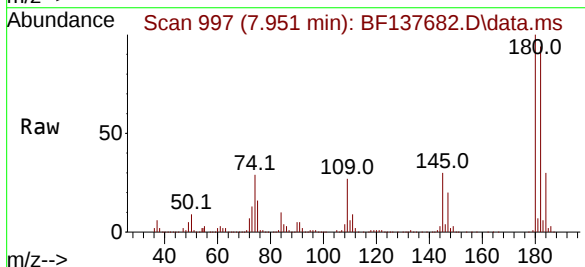
Tgt Ion:180 Resp: 526252

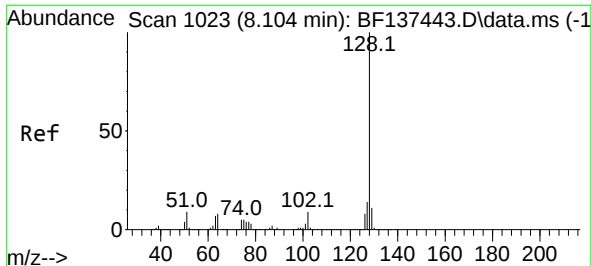
Ion Ratio Lower Upper

180 100

182 94.3 75.0 112.6

145 30.4 23.7 35.5

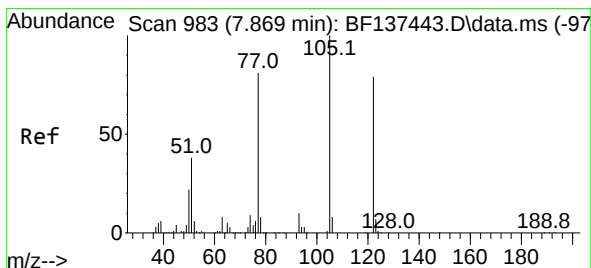
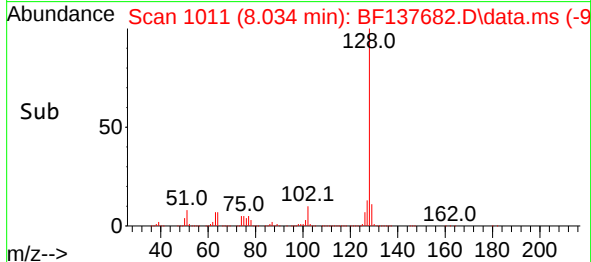
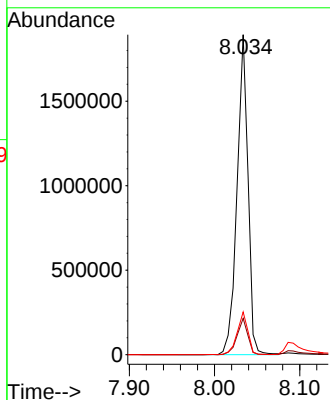
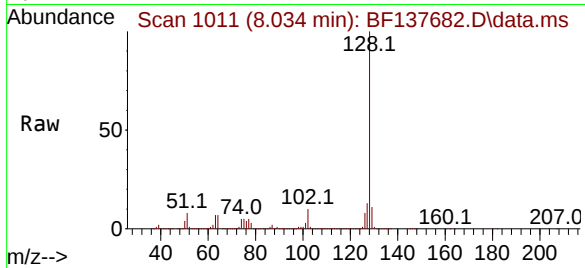




#31
Naphthalene
Concen: 43.193 ng
RT: 8.034 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF137682.D
Acq: 22 Mar 2024 15:26

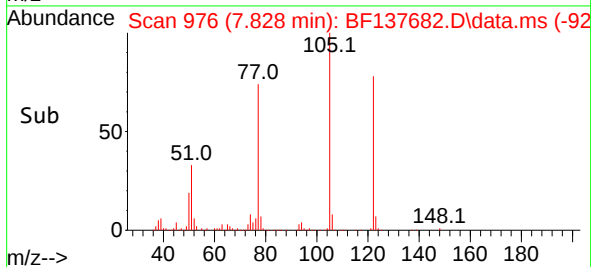
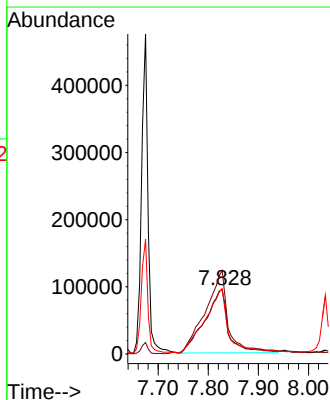
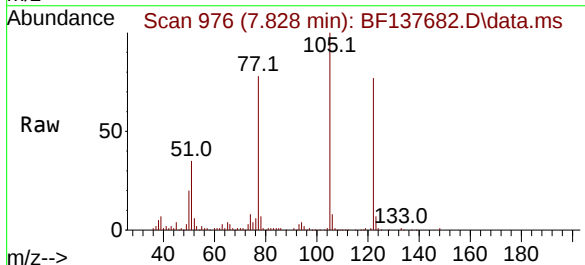
Instrument :
BNA_F
ClientSampleId :
72-11933MS

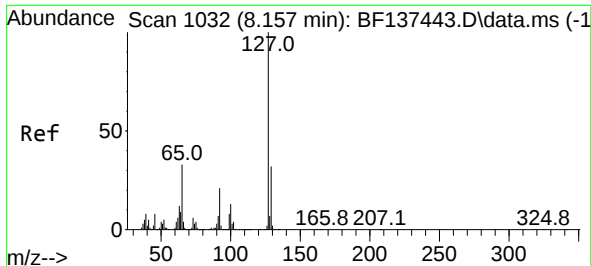
Tgt Ion:128 Resp: 1689068
Ion Ratio Lower Upper
128 100
129 11.3 9.2 13.8
127 13.3 10.8 16.2



#32
Benzoic acid
Concen: 46.171 ng
RT: 7.828 min Scan# 976
Delta R.T. 0.029 min
Lab File: BF137682.D
Acq: 22 Mar 2024 15:26

Tgt Ion:122 Resp: 308947
Ion Ratio Lower Upper
122 100
105 129.5 102.4 142.4
77 101.5 81.1 121.1



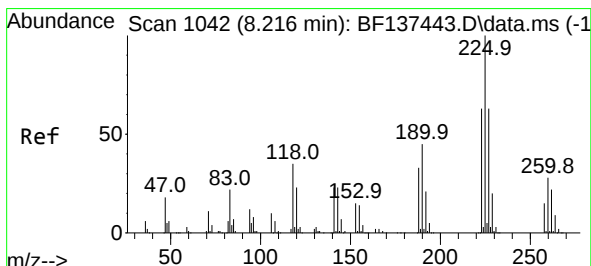
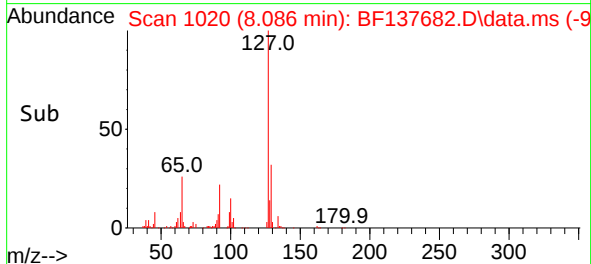
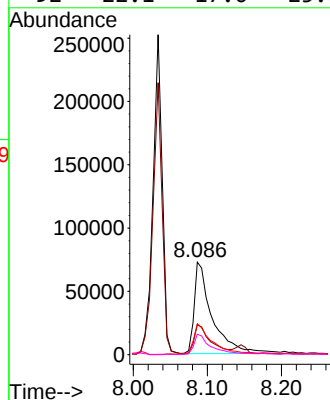
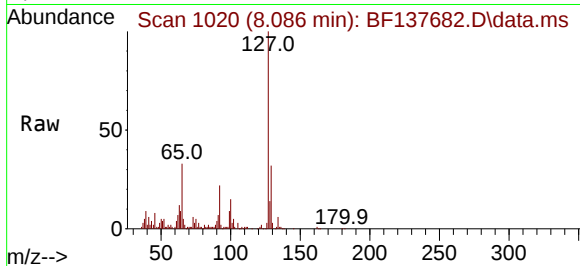


#33
4-Chloroaniline
Concen: 7.939 ng
RT: 8.086 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF137682.D
Acq: 22 Mar 2024 15:26

Instrument :
BNA_F
ClientSampleId :
72-11933MS

Tgt Ion:127 Resp: 121730

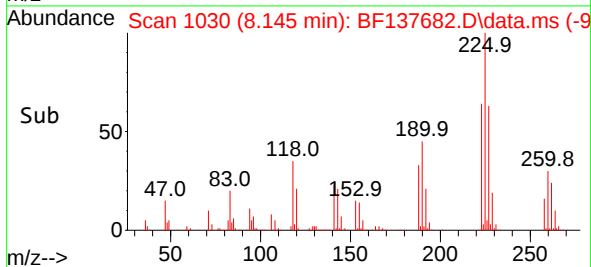
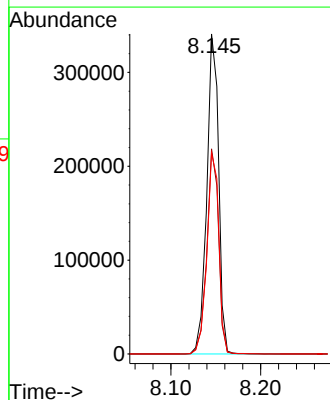
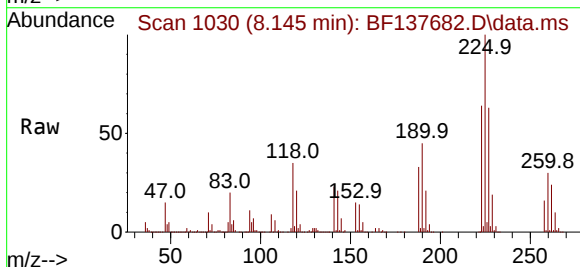
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.0	39.0
65	33.5	26.8	40.2
92	22.1	17.0	25.6

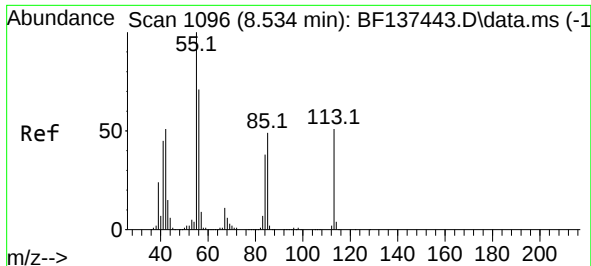


#34
Hexachlorobutadiene
Concen: 46.663 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF137682.D
Acq: 22 Mar 2024 15:26

Tgt Ion:225 Resp: 311022

Ion	Ratio	Lower	Upper
225	100		
223	64.1	50.7	76.1
227	62.9	50.6	75.8

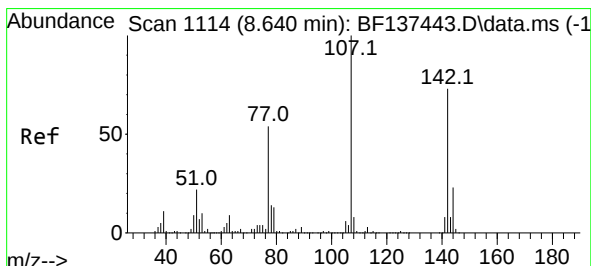
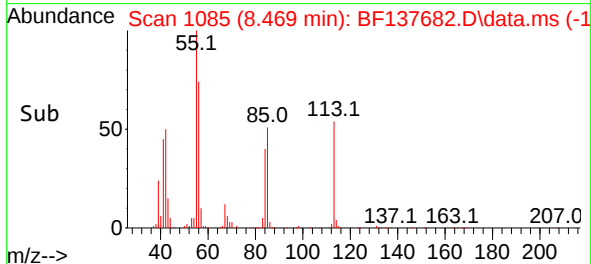
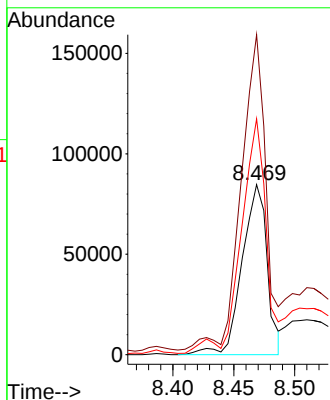
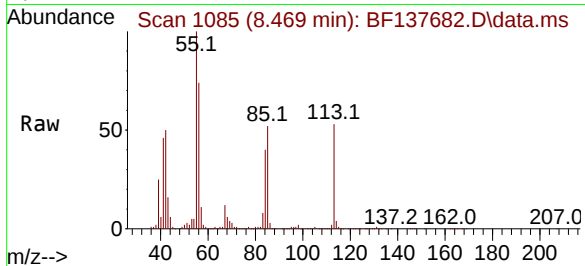




#35
 Caprolactam
 Concen: 33.289 ng
 RT: 8.469 min Scan# 1104
 Delta R.T. 0.012 min
 Lab File: BF137682.D
 Acq: 22 Mar 2024 15:26

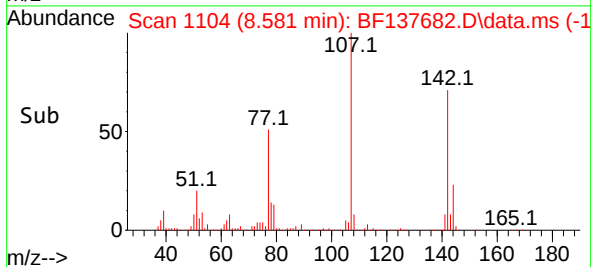
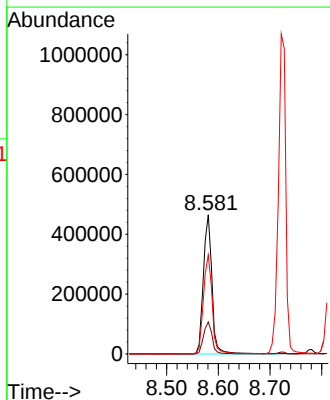
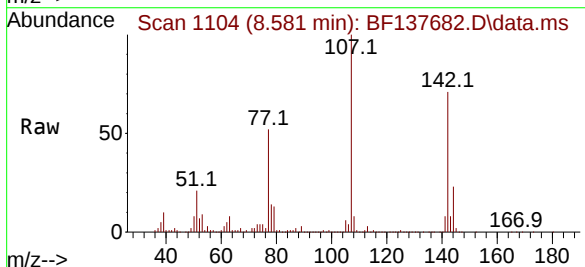
Instrument :
 BNA_F
 ClientSampleId :
 72-11933MS

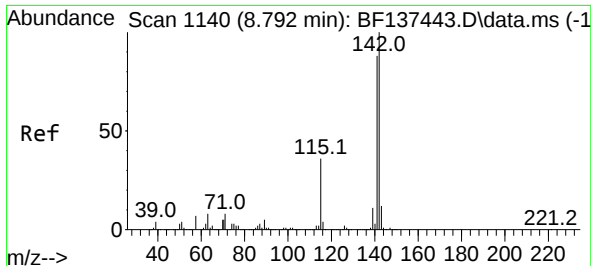
Tgt Ion:113 Resp: 121097
 Ion Ratio Lower Upper
 113 100
 55 188.1 176.7 216.7
 56 138.6 120.6 160.6



#36
 4-Chloro-3-methylphenol
 Concen: 44.802 ng
 RT: 8.581 min Scan# 1104
 Delta R.T. 0.012 min
 Lab File: BF137682.D
 Acq: 22 Mar 2024 15:26

Tgt Ion:107 Resp: 537262
 Ion Ratio Lower Upper
 107 100
 144 23.0 18.7 28.1
 142 71.1 58.2 87.2





#37

2-Methylnaphthalene

Concen: 42.566 ng

RT: 8.722 min Scan# 1140

Delta R.T. -0.000 min

Lab File: BF137682.D

Acq: 22 Mar 2024 15:26

Instrument :

BNA_F

ClientSampleId :

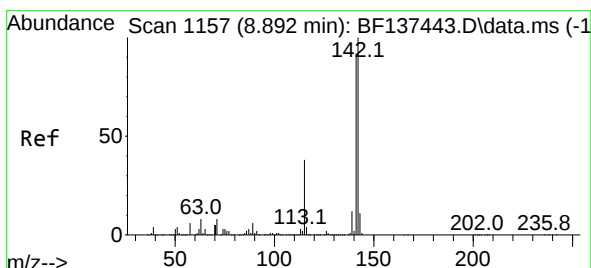
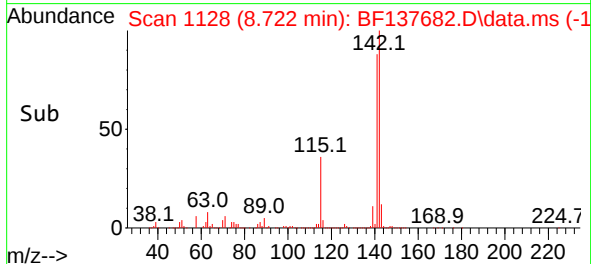
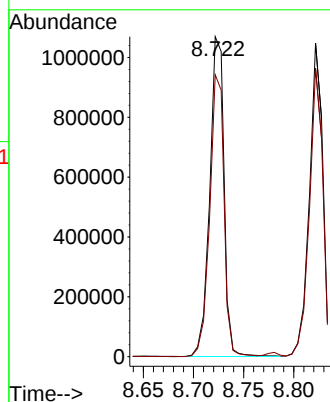
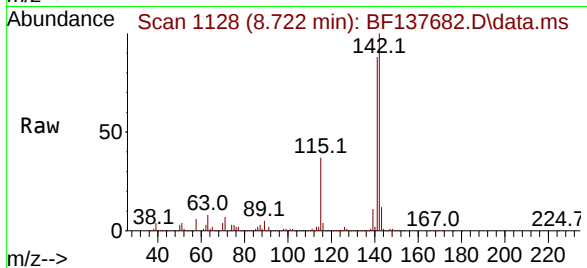
72-11933MS

Tgt Ion:142 Resp: 1061129

Ion Ratio Lower Upper

142 100

141 88.1 70.4 105.6



#38

1-Methylnaphthalene

Concen: 41.405 ng

RT: 8.822 min Scan# 1145

Delta R.T. -0.000 min

Lab File: BF137682.D

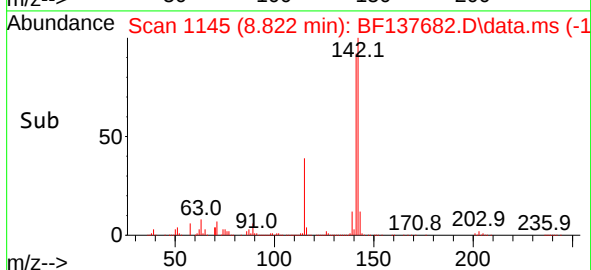
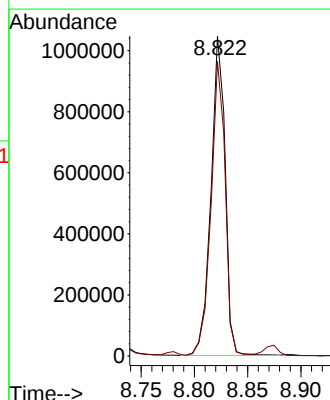
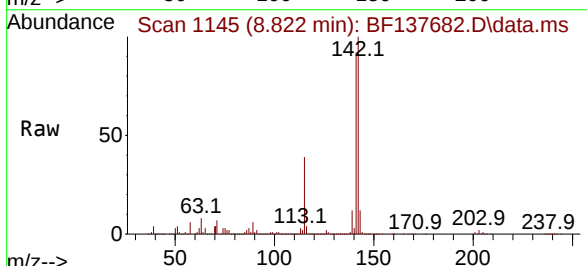
Acq: 22 Mar 2024 15:26

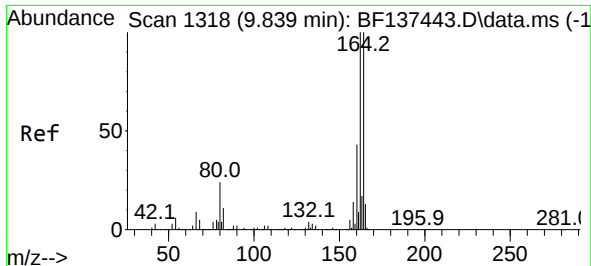
Tgt Ion:142 Resp: 972047

Ion Ratio Lower Upper

142 100

141 92.0 73.4 110.2

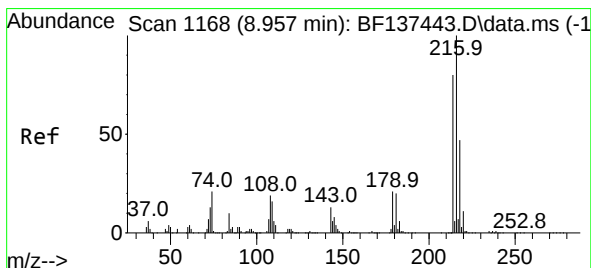
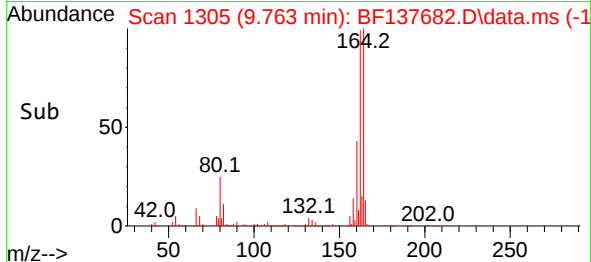
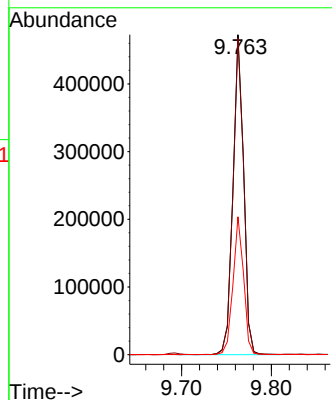
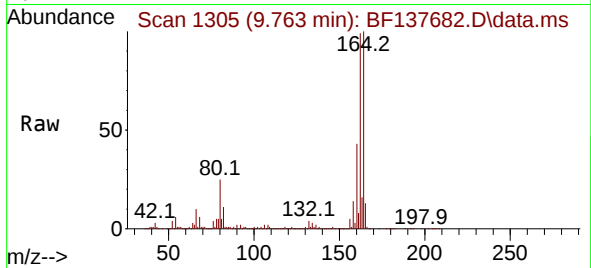




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.763 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BF137682.D
Acq: 22 Mar 2024 15:26

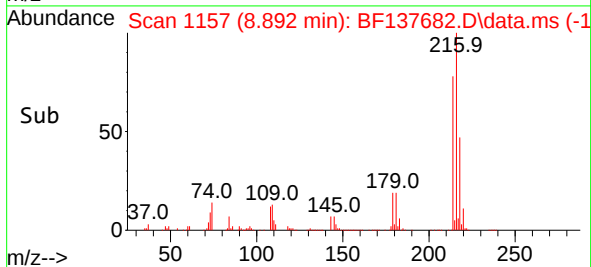
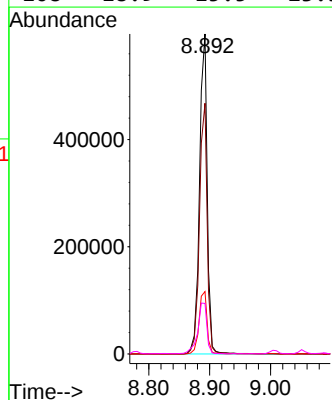
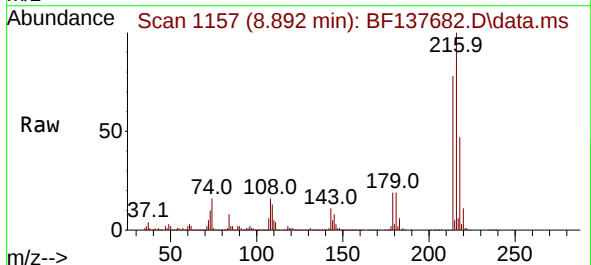
Instrument :
BNA_F
ClientSampleId :
72-11933MS

Tgt Ion:164 Resp: 390519
Ion Ratio Lower Upper
164 100
162 98.9 79.8 119.8
160 43.1 34.4 51.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.916 ng
RT: 8.892 min Scan# 1157
Delta R.T. 0.006 min
Lab File: BF137682.D
Acq: 22 Mar 2024 15:26

Tgt Ion:216 Resp: 522397
Ion Ratio Lower Upper
216 100
214 78.8 63.5 95.3
179 20.4 16.6 25.0
108 18.9 15.5 23.3

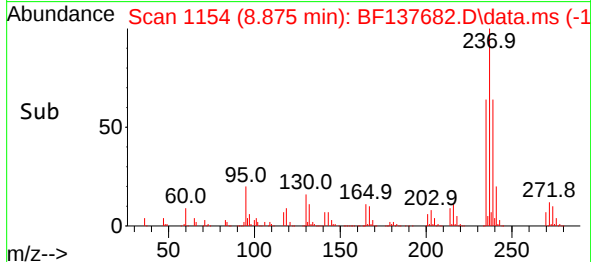
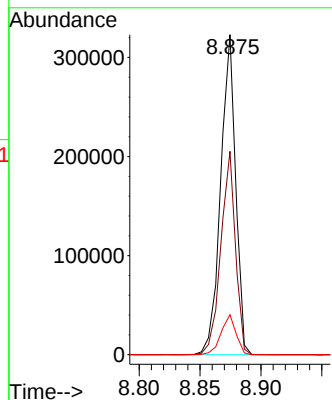
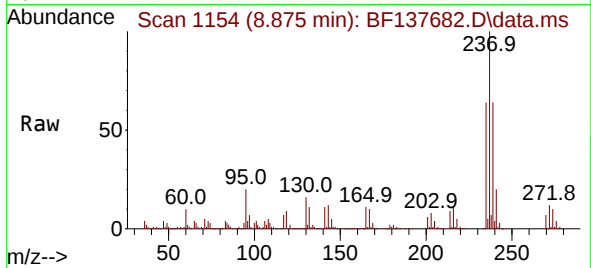




#41
Hexachlorocyclopentadiene
Concen: 64.223 ng
RT: 8.875 min Scan# 1166
Delta R.T. 0.006 min
Lab File: BF137682.D
Acq: 22 Mar 2024 15:26

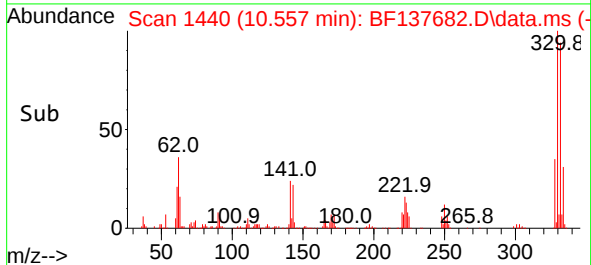
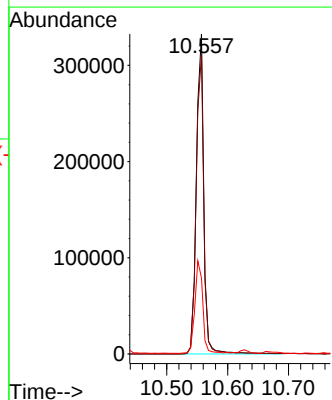
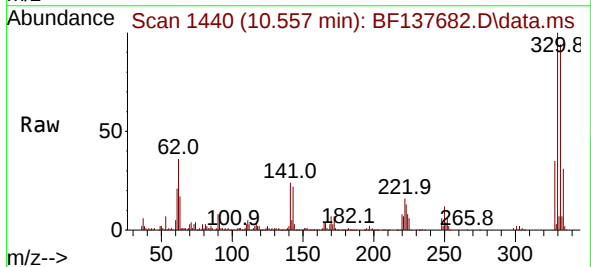
Instrument :
BNA_F
ClientSampleId :
72-11933MS

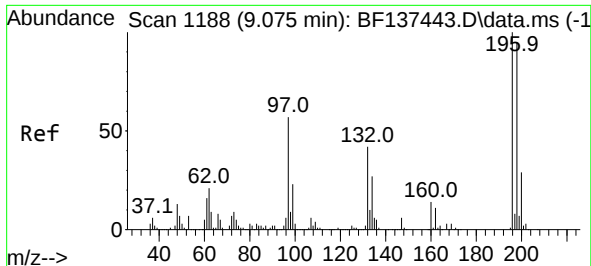
Tgt Ion:237 Resp: 277677
Ion Ratio Lower Upper
237 100
235 63.5 43.6 83.6
272 12.5 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 82.349 ng
RT: 10.557 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF137682.D
Acq: 22 Mar 2024 15:26

Tgt Ion:330 Resp: 282409
Ion Ratio Lower Upper
330 100
332 95.4 78.0 117.0
141 30.6 27.3 40.9





#43

2,4,6-Trichlorophenol

Concen: 47.536 ng

RT: 9.004 min Scan# 1188

Delta R.T. 0.006 min

Lab File: BF137682.D

Acq: 22 Mar 2024 15:26

Instrument :

BNA_F

ClientSampleId :

72-11933MS

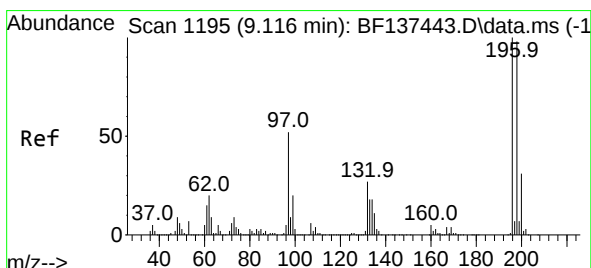
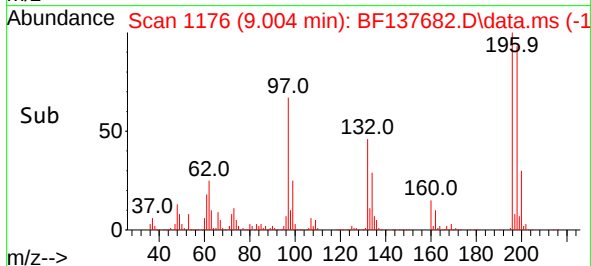
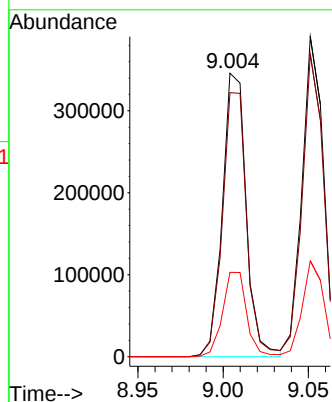
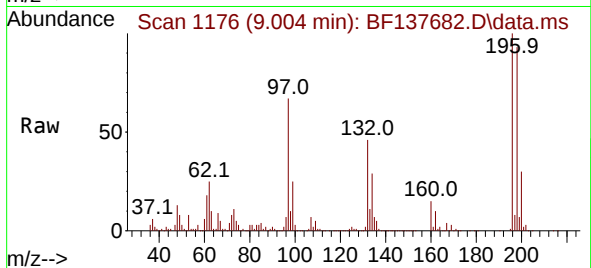
Tgt Ion:196 Resp: 337489

Ion Ratio Lower Upper

196 100

198 93.1 75.8 113.8

200 29.7 23.5 35.3



#44

2,4,5-Trichlorophenol

Concen: 44.056 ng

RT: 9.051 min Scan# 1184

Delta R.T. 0.012 min

Lab File: BF137682.D

Acq: 22 Mar 2024 15:26

Tgt Ion:196 Resp: 360311

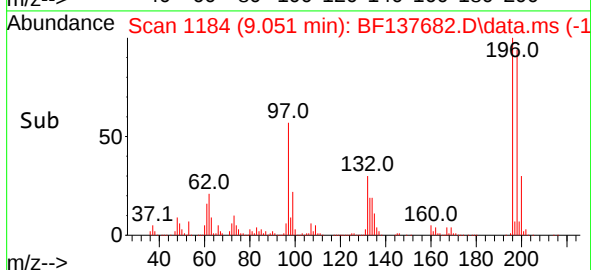
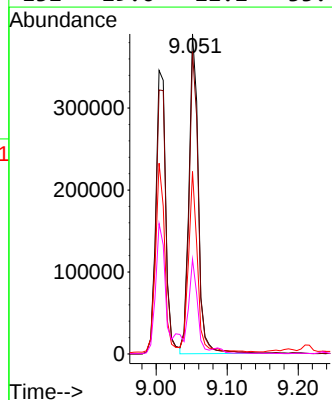
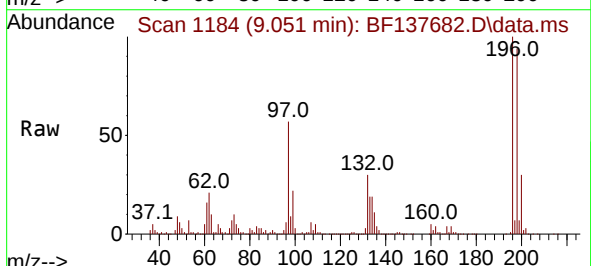
Ion Ratio Lower Upper

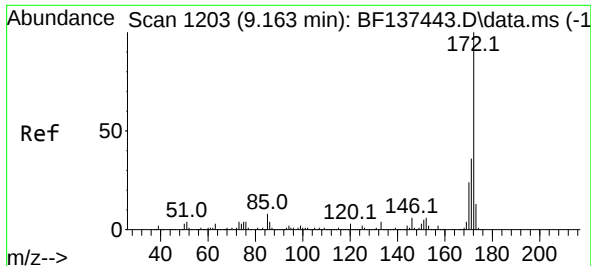
196 100

198 94.4 78.6 117.8

97 57.0 41.8 62.8

132 29.6 22.2 33.4

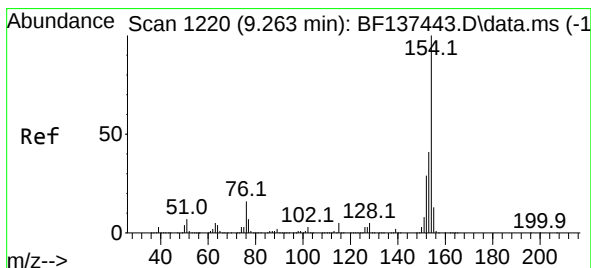
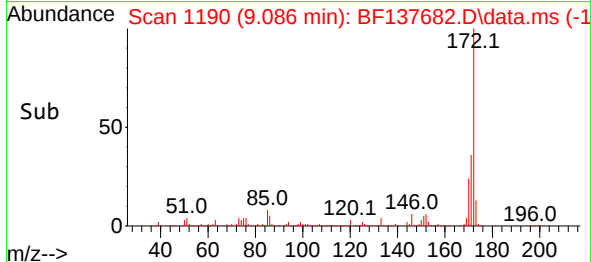
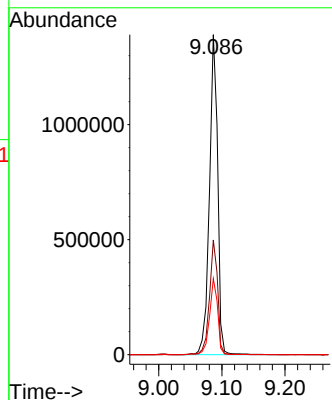
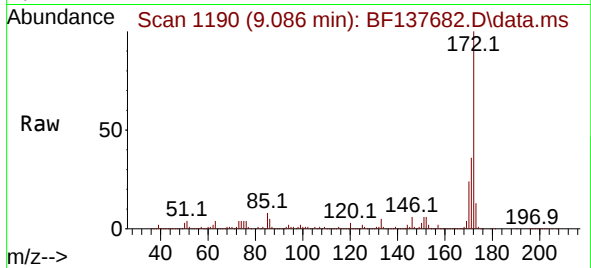




#45
2-Fluorobiphenyl
Concen: 50.837 ng
RT: 9.086 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137682.D
Acq: 22 Mar 2024 15:26

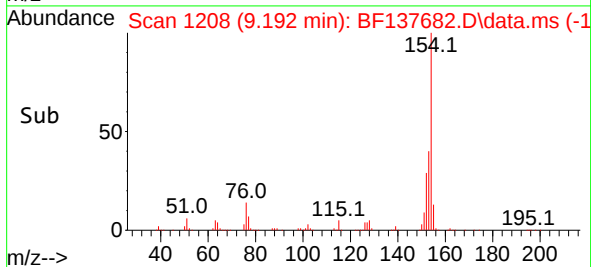
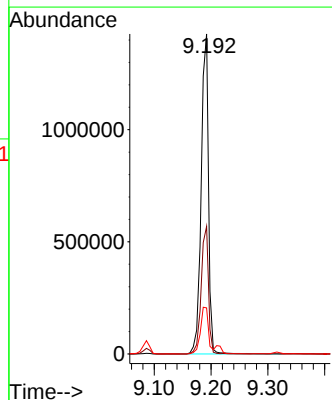
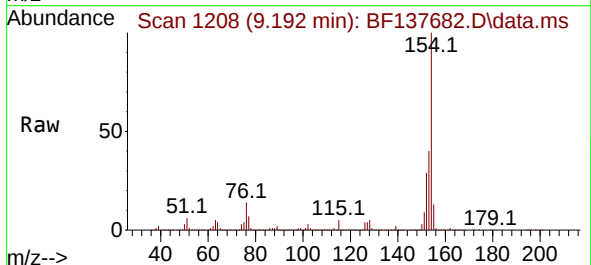
Instrument :
BNA_F
ClientSampleId :
72-11933MS

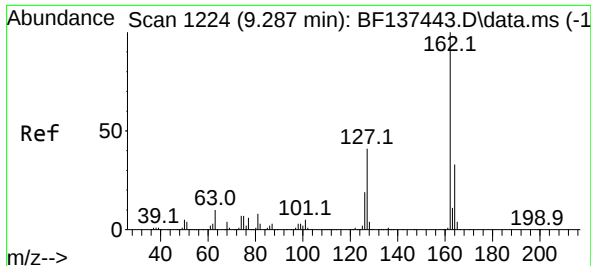
Tgt Ion:172 Resp: 1268245
Ion Ratio Lower Upper
172 100
171 35.9 28.5 42.7
170 23.8 19.0 28.6



#46
1,1'-Biphenyl
Concen: 44.825 ng
RT: 9.192 min Scan# 1208
Delta R.T. 0.006 min
Lab File: BF137682.D
Acq: 22 Mar 2024 15:26

Tgt Ion:154 Resp: 1281220
Ion Ratio Lower Upper
154 100
153 39.9 21.0 61.0
76 14.4 0.0 35.8

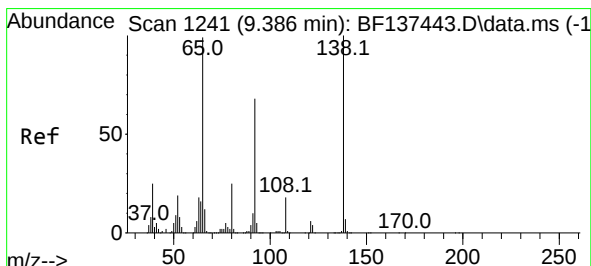
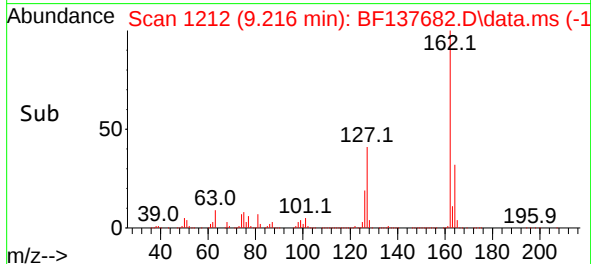
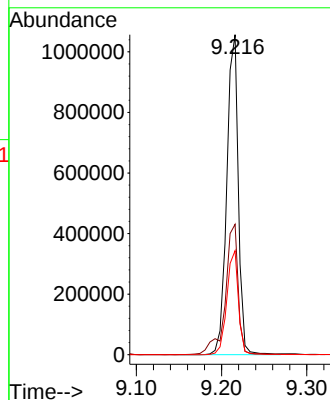
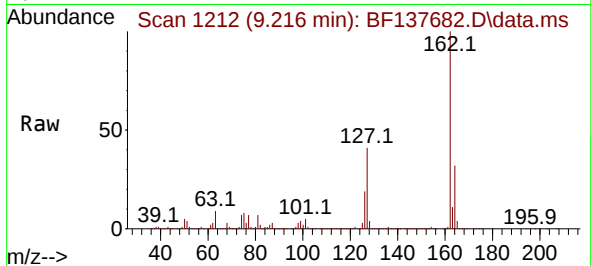




#47
2-Chloronaphthalene
Concen: 45.716 ng
RT: 9.216 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137682.D
Acq: 22 Mar 2024 15:26

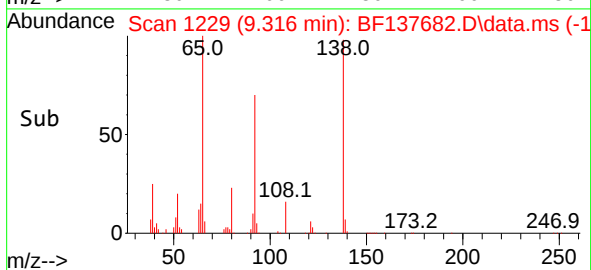
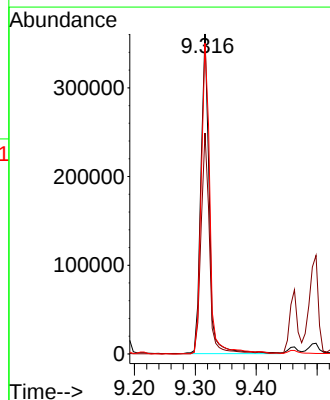
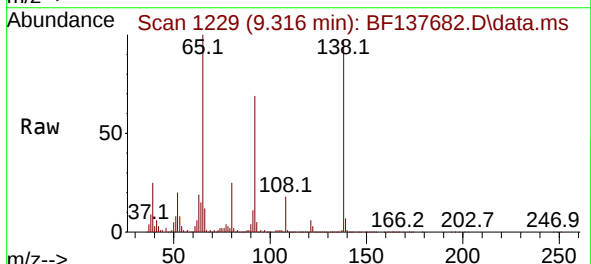
Instrument :
BNA_F
ClientSampleId :
72-11933MS

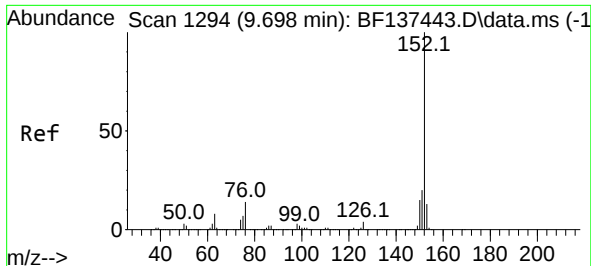
Tgt Ion:162 Resp: 996244
Ion Ratio Lower Upper
162 100
127 40.7 32.6 49.0
164 32.5 26.5 39.7



#48
2-Nitroaniline
Concen: 46.095 ng
RT: 9.316 min Scan# 1229
Delta R.T. 0.006 min
Lab File: BF137682.D
Acq: 22 Mar 2024 15:26

Tgt Ion: 65 Resp: 341417
Ion Ratio Lower Upper
65 100
92 69.0 55.4 83.2
138 97.1 81.0 121.6





#49

Acenaphthylene

Concen: 44.256 ng

RT: 9.628 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF137682.D

Acq: 22 Mar 2024 15:26

Instrument :

BNA_F

ClientSampleId :

72-11933MS

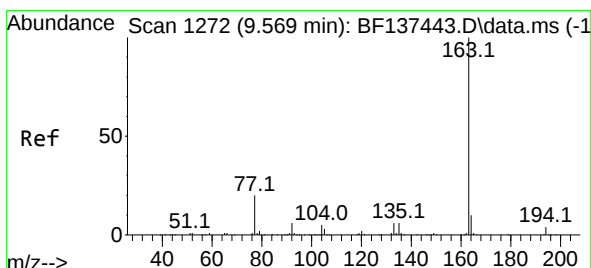
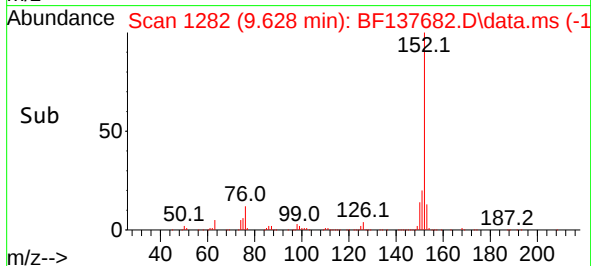
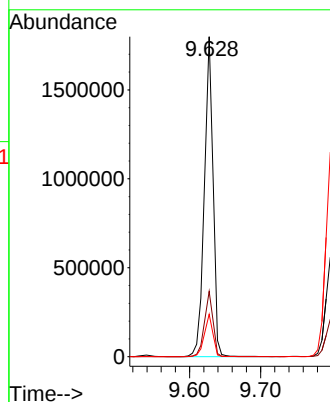
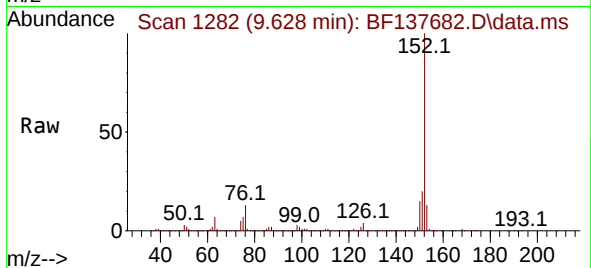
Tgt Ion:152 Resp: 1543405

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.4

153 13.3 10.8 16.2



#50

Dimethylphthalate

Concen: 44.158 ng

RT: 9.498 min Scan# 1260

Delta R.T. 0.006 min

Lab File: BF137682.D

Acq: 22 Mar 2024 15:26

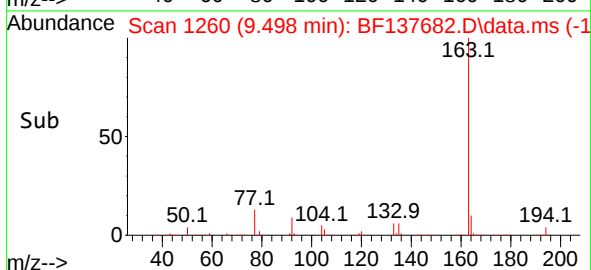
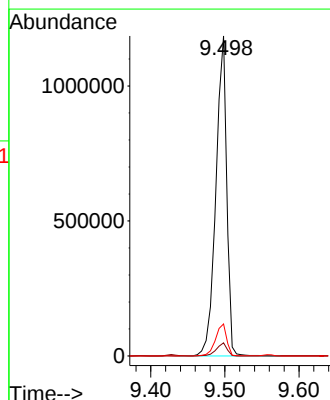
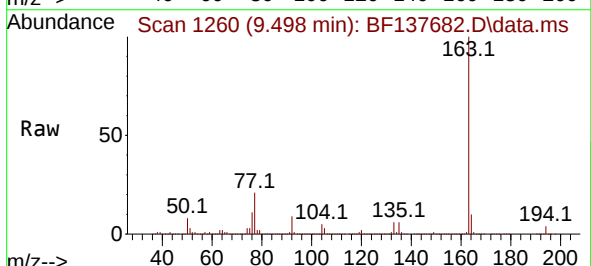
Tgt Ion:163 Resp: 1200412

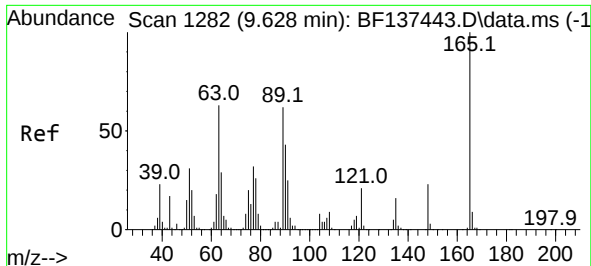
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.0 8.1 12.1

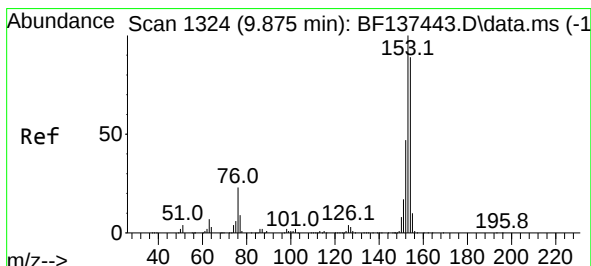
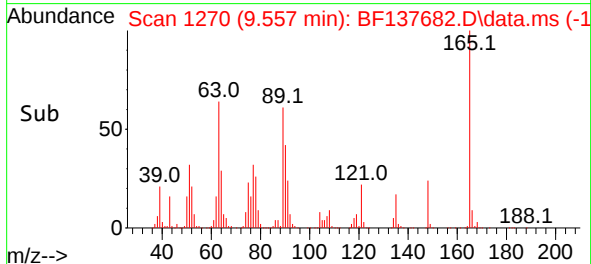
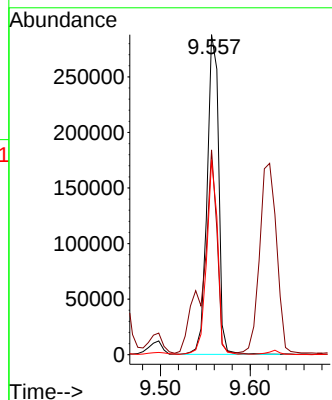
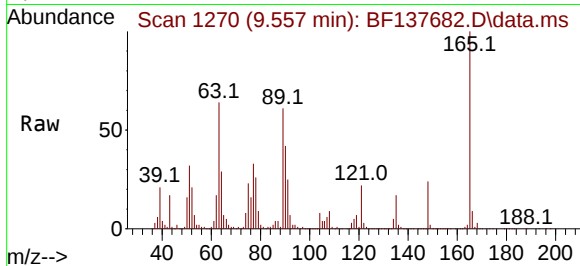




#51
2,6-Dinitrotoluene
Concen: 45.443 ng
RT: 9.557 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137682.D
Acq: 22 Mar 2024 15:26

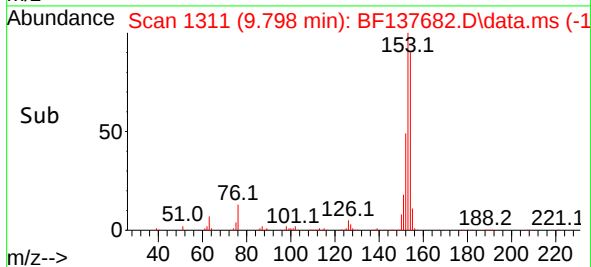
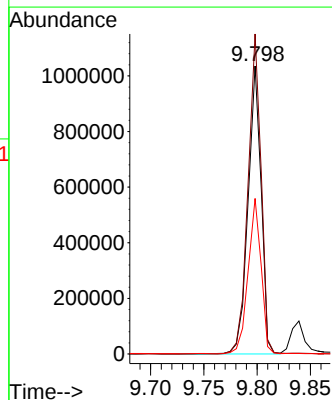
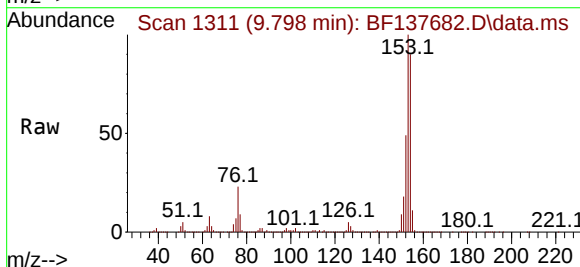
Instrument :
BNA_F
ClientSampleId :
72-11933MS

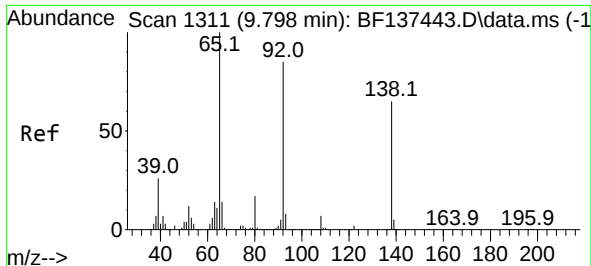
Tgt Ion:165 Resp: 258384
Ion Ratio Lower Upper
165 100
63 64.0 50.7 76.1
89 60.9 50.0 75.0



#52
Acenaphthene
Concen: 42.479 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.006 min
Lab File: BF137682.D
Acq: 22 Mar 2024 15:26

Tgt Ion:154 Resp: 884418
Ion Ratio Lower Upper
154 100
153 111.1 90.3 135.5
152 54.0 42.7 64.1

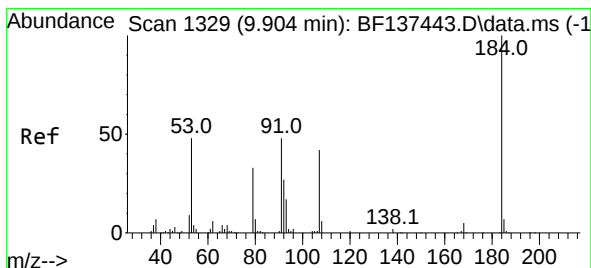
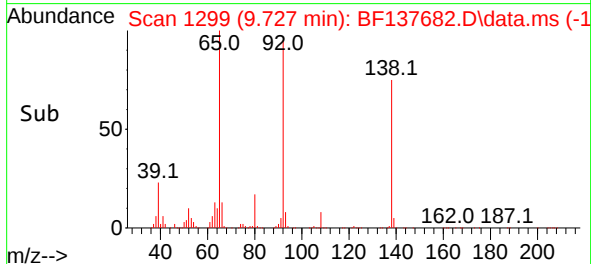
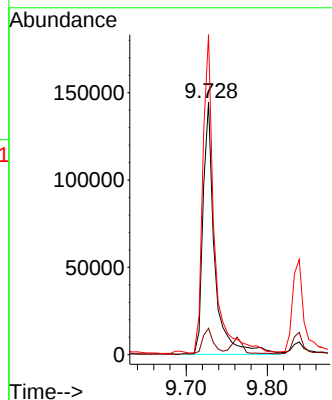
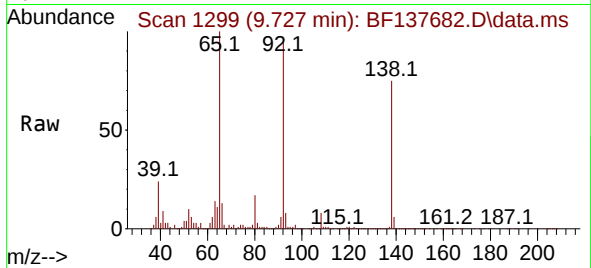




#53
3-Nitroaniline
Concen: 23.998 ng
RT: 9.727 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137682.D
Acq: 22 Mar 2024 15:26

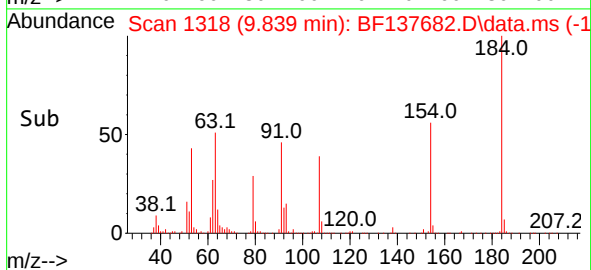
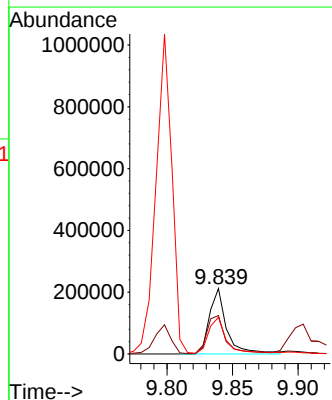
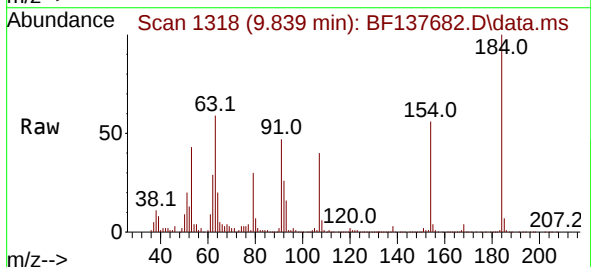
Instrument :
BNA_F
ClientSampleId :
72-11933MS

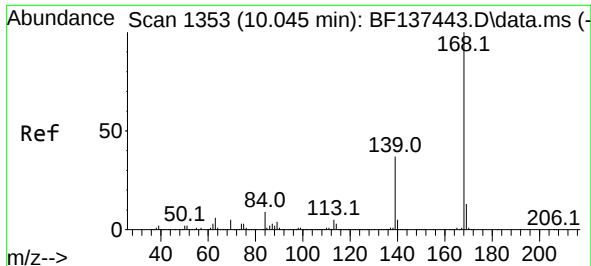
Tgt Ion:138 Resp: 144331
Ion Ratio Lower Upper
138 100
108 10.5 9.1 13.7
92 126.9 104.6 157.0



#54
2,4-Dinitrophenol
Concen: 71.081 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.012 min
Lab File: BF137682.D
Acq: 22 Mar 2024 15:26

Tgt Ion:184 Resp: 194294
Ion Ratio Lower Upper
184 100
63 58.7 53.3 79.9
154 55.9 47.4 71.0

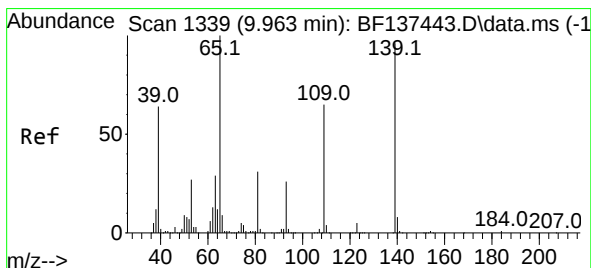
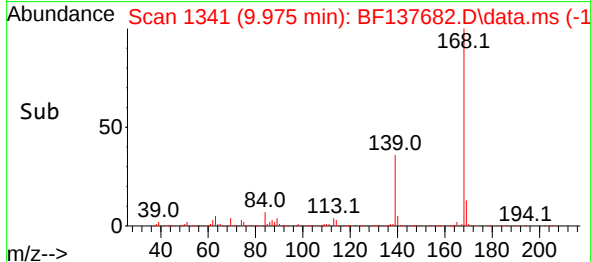
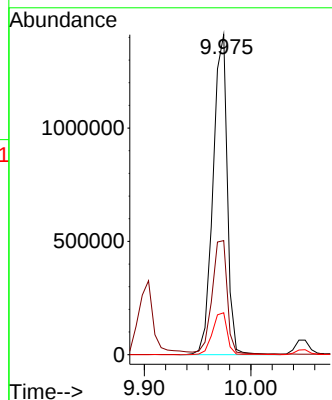
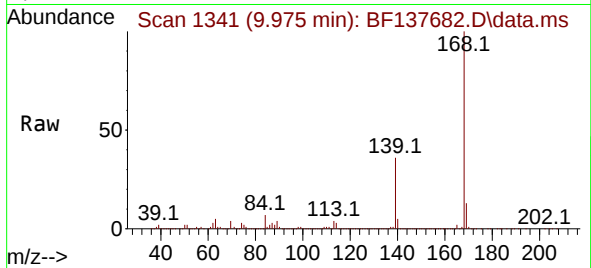




#55
Dibenzofuran
Concen: 41.245 ng
RT: 9.975 min Scan# 1353
Delta R.T. 0.006 min
Lab File: BF137682.D
Acq: 22 Mar 2024 15:26

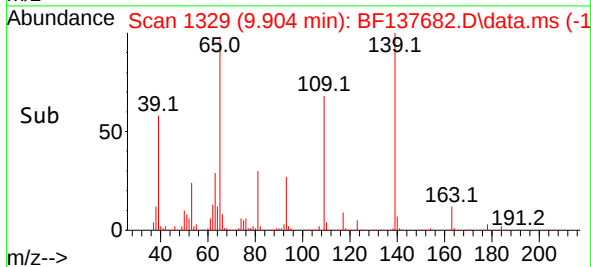
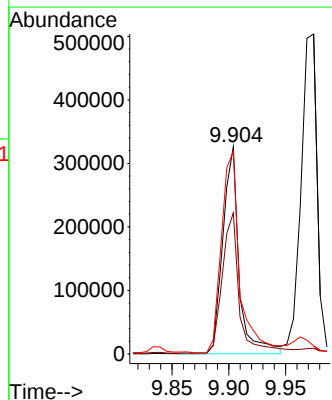
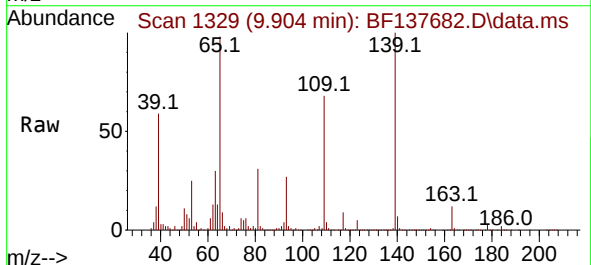
Instrument :
BNA_F
ClientSampleId :
72-11933MS

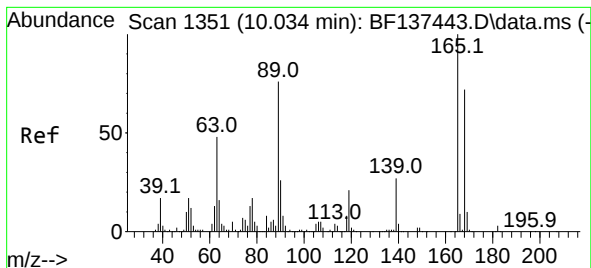
Tgt Ion:168 Resp: 1307919
Ion Ratio Lower Upper
168 100
139 35.7 29.8 44.6
169 13.1 10.8 16.2



#56
4-Nitrophenol
Concen: 76.400 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.018 min
Lab File: BF137682.D
Acq: 22 Mar 2024 15:26

Tgt Ion:139 Resp: 325978
Ion Ratio Lower Upper
139 100
109 68.1 47.1 87.1
65 97.8 85.1 125.1

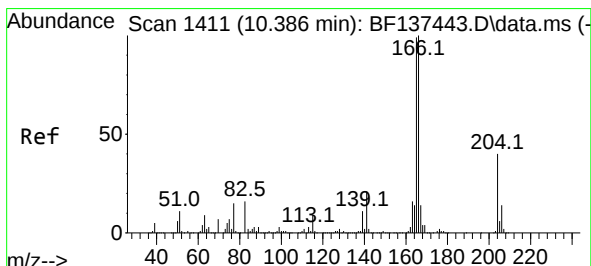
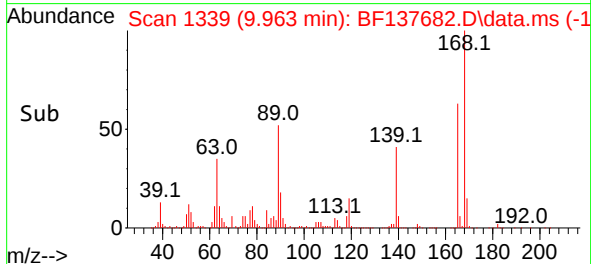
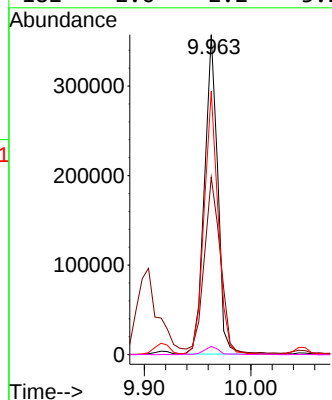
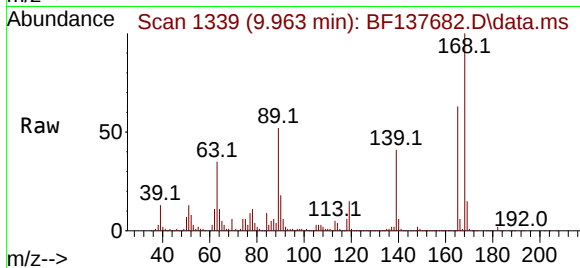




#57
2,4-Dinitrotoluene
Concen: 44.258 ng
RT: 9.963 min Scan# 1399
Delta R.T. 0.006 min
Lab File: BF137682.D
Acq: 22 Mar 2024 15:26

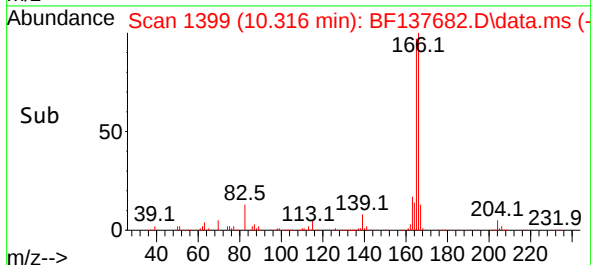
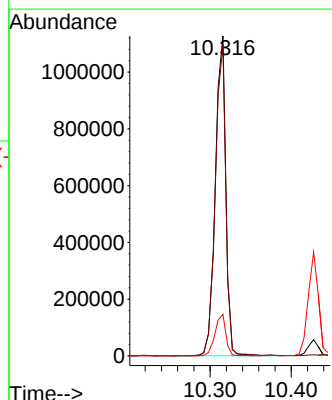
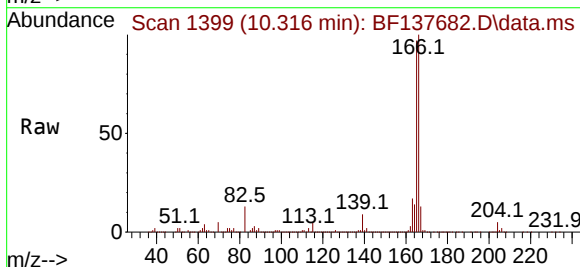
Instrument :
BNA_F
ClientSampleId :
72-11933MS

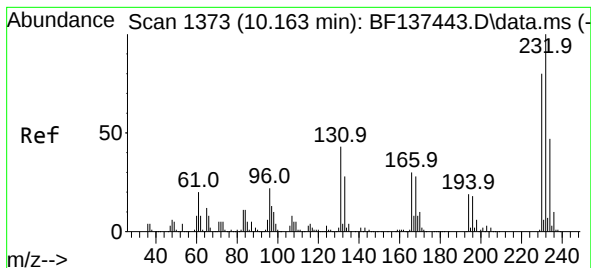
Tgt Ion:165 Resp: 309166
Ion Ratio Lower Upper
165 100
63 55.4 39.0 58.6
89 82.3 60.9 91.3
182 2.6 2.2 3.2



#58
Fluorene
Concen: 41.330 ng
RT: 10.316 min Scan# 1399
Delta R.T. 0.006 min
Lab File: BF137682.D
Acq: 22 Mar 2024 15:26

Tgt Ion:166 Resp: 1006533
Ion Ratio Lower Upper
166 100
165 97.2 79.2 118.8
167 13.0 11.0 16.6

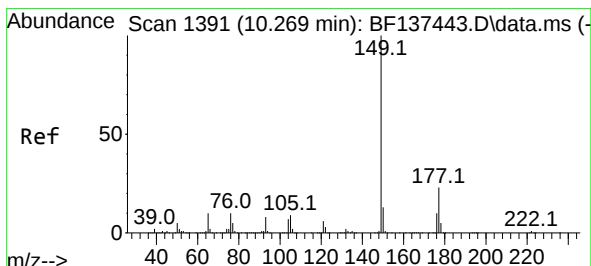
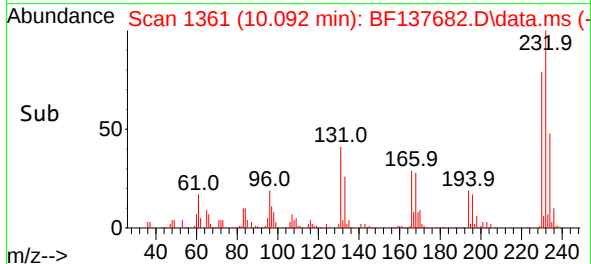
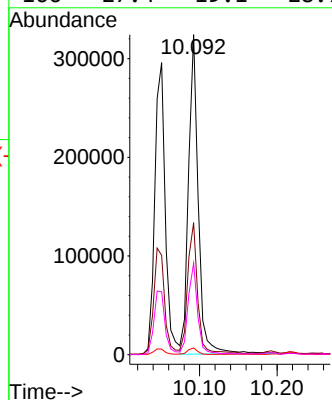
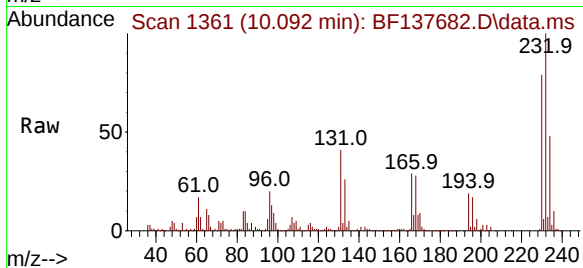




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.154 ng
RT: 10.092 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137682.D
Acq: 22 Mar 2024 15:26

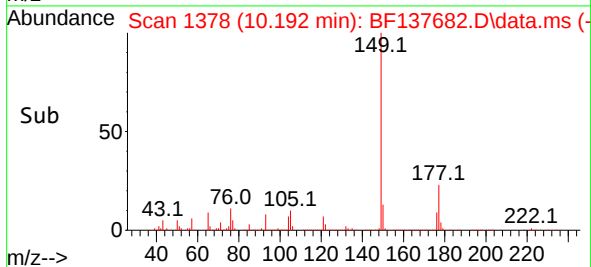
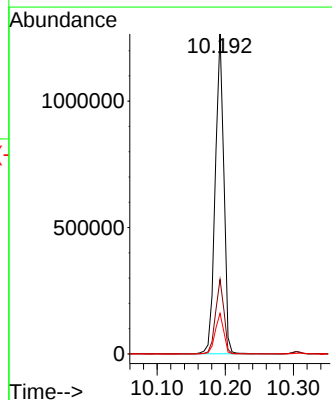
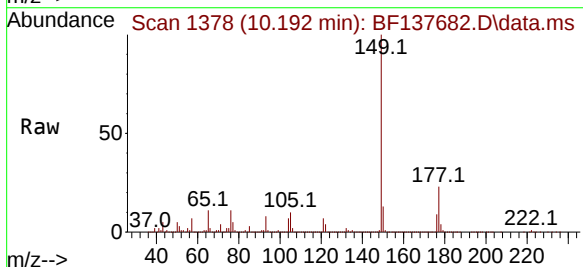
Instrument :
BNA_F
ClientSampleId :
72-11933MS

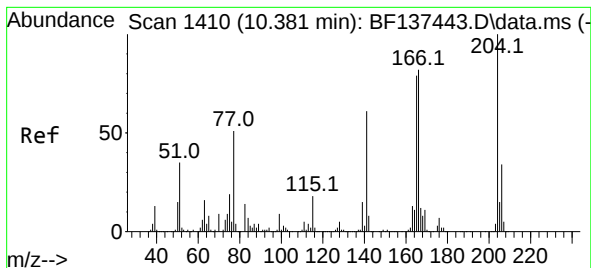
Tgt Ion:232 Resp: 283018
Ion Ratio Lower Upper
232 100
131 41.1 31.2 46.8
130 2.0 1.8 2.6
166 27.4 19.1 28.7



#60
Diethylphthalate
Concen: 43.188 ng
RT: 10.192 min Scan# 1378
Delta R.T. 0.006 min
Lab File: BF137682.D
Acq: 22 Mar 2024 15:26

Tgt Ion:149 Resp: 1108693
Ion Ratio Lower Upper
149 100
177 23.3 18.7 28.1
150 12.7 10.2 15.4

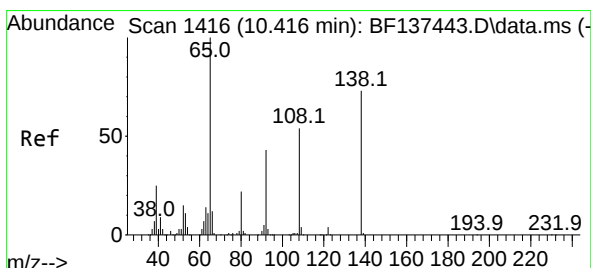
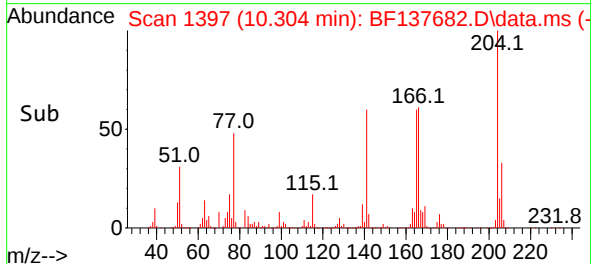
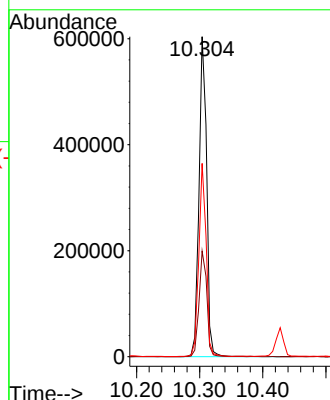
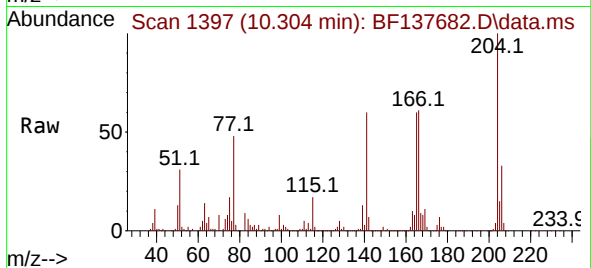




#61
4-Chlorophenyl-phenylether
Concen: 42.092 ng
RT: 10.304 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137682.D
Acq: 22 Mar 2024 15:26

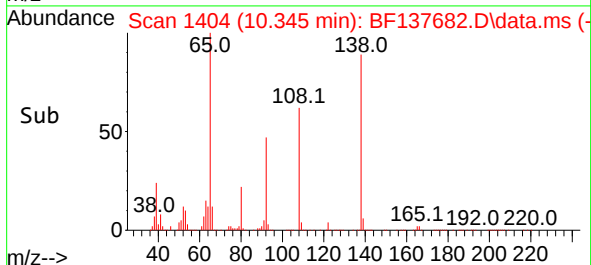
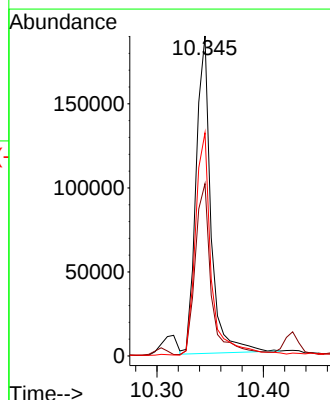
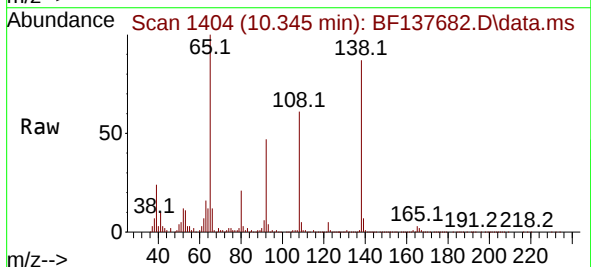
Instrument :
BNA_F
ClientSampleId :
72-11933MS

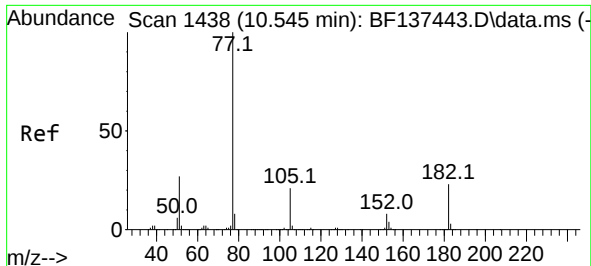
Tgt Ion:204 Resp: 502385
Ion Ratio Lower Upper
204 100
206 33.0 27.4 41.0
141 60.4 48.4 72.6



#62
4-Nitroaniline
Concen: 35.473 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.012 min
Lab File: BF137682.D
Acq: 22 Mar 2024 15:26

Tgt Ion:138 Resp: 183363
Ion Ratio Lower Upper
138 100
92 53.9 37.9 77.9
108 69.7 53.2 93.2

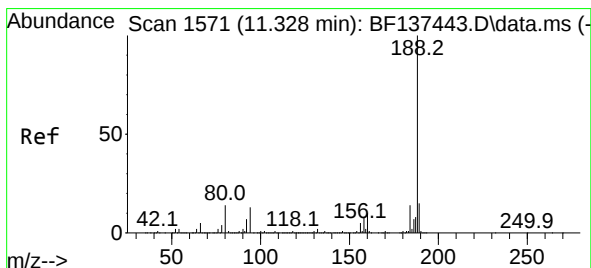
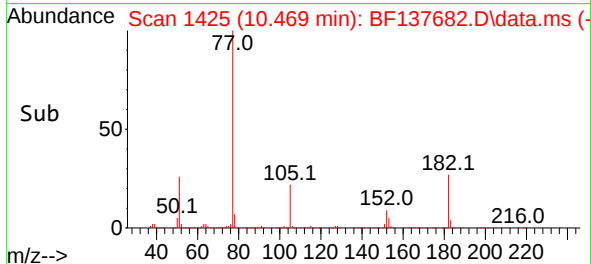
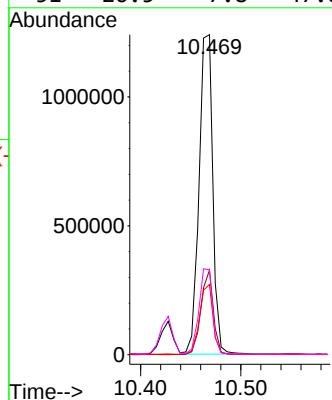
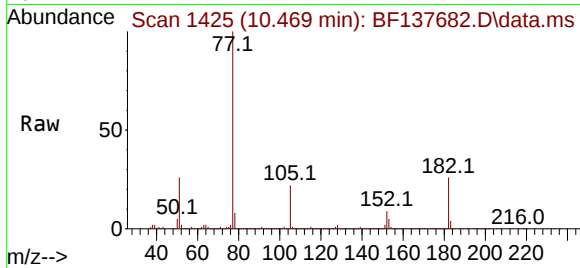




#63
Azobenzene
Concen: 40.041 ng
RT: 10.469 min Scan# 1438
Delta R.T. 0.006 min
Lab File: BF137682.D
Acq: 22 Mar 2024 15:26

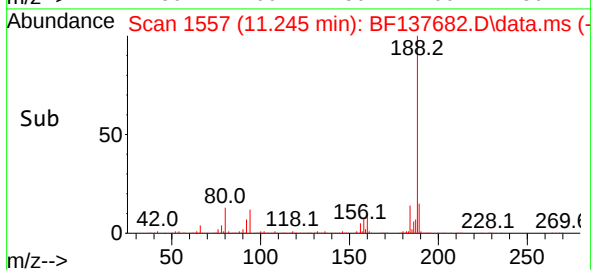
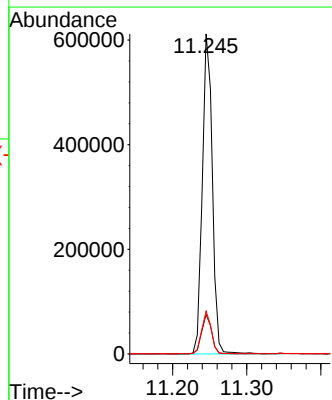
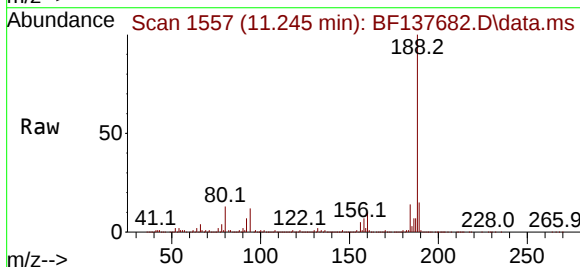
Instrument :
BNA_F
ClientSampleId :
72-11933MS

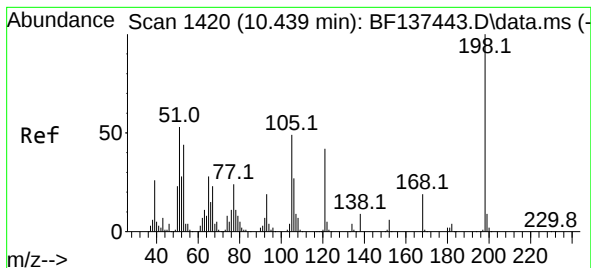
Tgt Ion: 77 Resp: 1183630
Ion Ratio Lower Upper
77 100
182 26.5 3.2 43.2
105 21.9 1.2 41.2
51 26.5 7.8 47.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.245 min Scan# 1557
Delta R.T. 0.006 min
Lab File: BF137682.D
Acq: 22 Mar 2024 15:26

Tgt Ion: 188 Resp: 573985
Ion Ratio Lower Upper
188 100
94 12.3 10.6 15.8
80 13.4 11.5 17.3

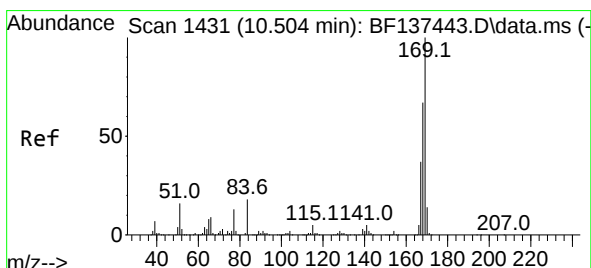
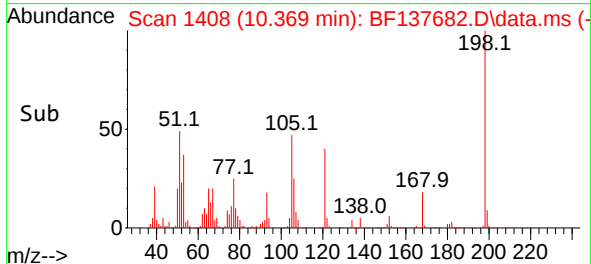
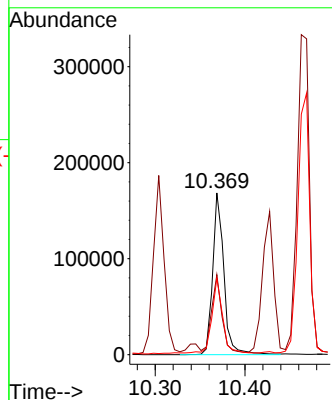
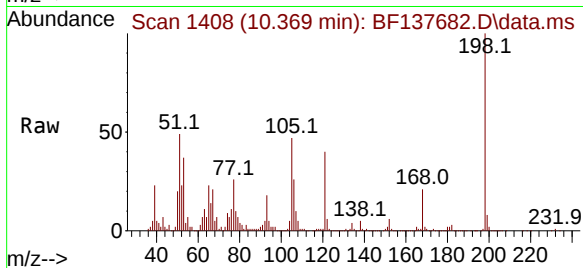




#65
4,6-Dinitro-2-methylphenol
Concen: 45.778 ng
RT: 10.369 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF137682.D
Acq: 22 Mar 2024 15:26

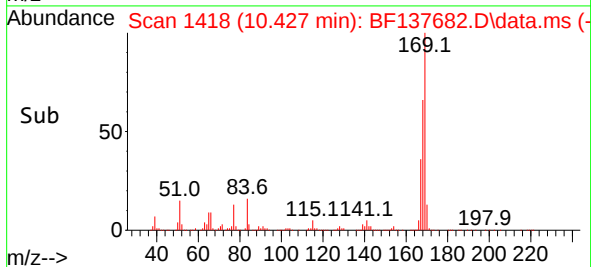
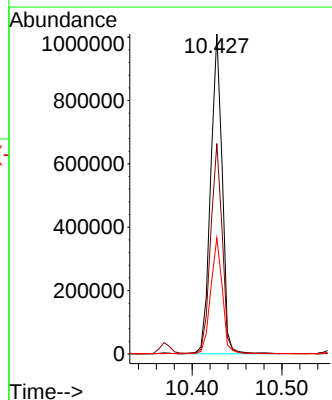
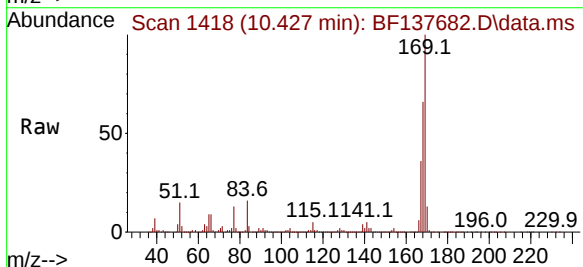
Instrument :
BNA_F
ClientSampleId :
72-11933MS

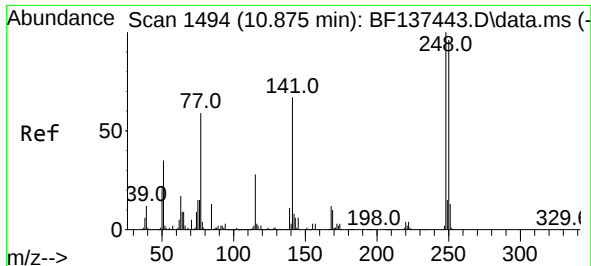
Tgt Ion:198 Resp: 146447
Ion Ratio Lower Upper
198 100
51 49.4 37.2 77.2
105 47.3 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 48.663 ng
RT: 10.427 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF137682.D
Acq: 22 Mar 2024 15:26

Tgt Ion:169 Resp: 899439
Ion Ratio Lower Upper
169 100
168 65.8 53.8 80.6
167 36.3 29.6 44.4

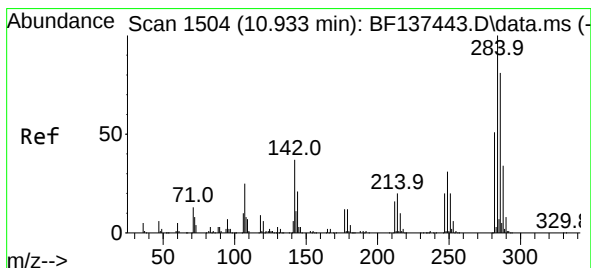
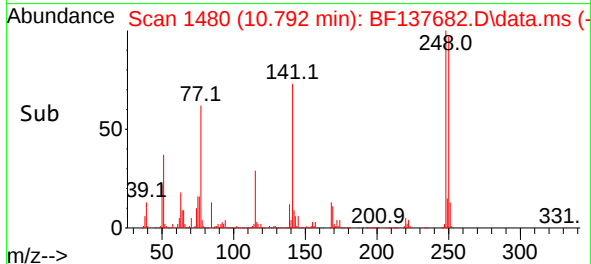
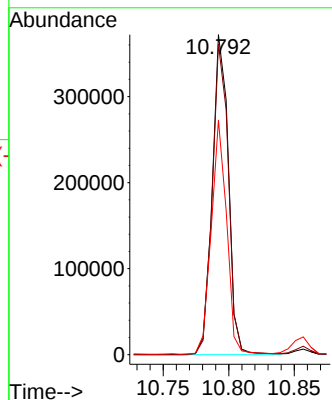
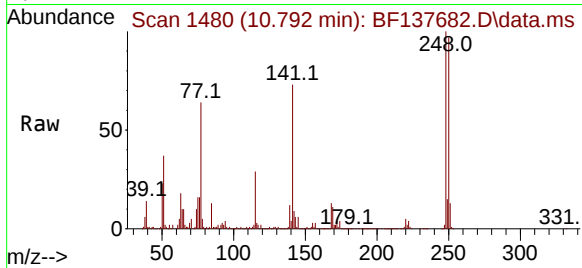




#67
4-Bromophenyl-phenylether
Concen: 50.883 ng
RT: 10.792 min Scan# 1490
Delta R.T. -0.000 min
Lab File: BF137682.D
Acq: 22 Mar 2024 15:26

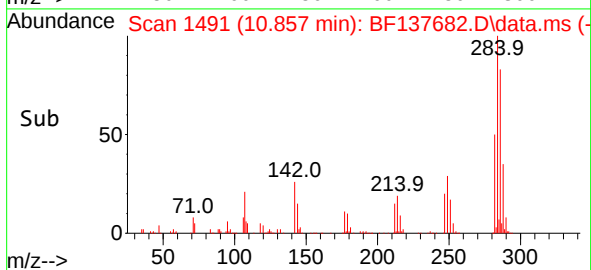
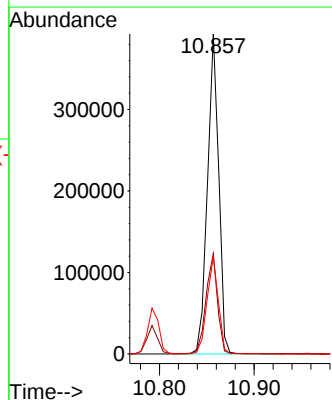
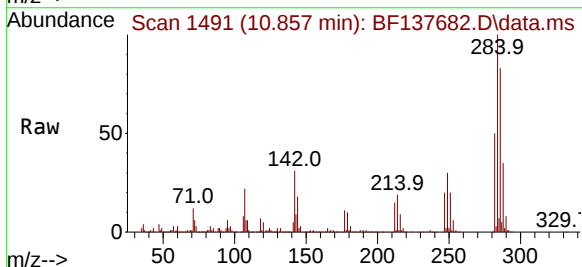
Instrument :
BNA_F
ClientSampleId :
72-11933MS

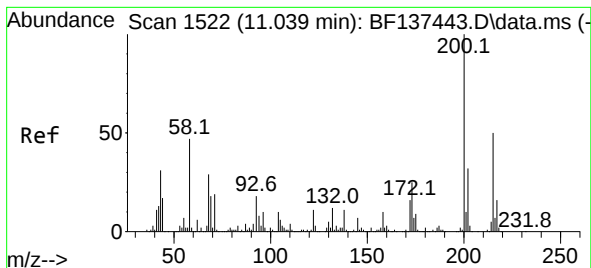
Tgt Ion:248 Resp: 318104
Ion Ratio Lower Upper
248 100
250 97.0 76.8 115.2
141 73.3 53.4 80.0



#68
Hexachlorobenzene
Concen: 51.112 ng
RT: 10.857 min Scan# 1491
Delta R.T. 0.006 min
Lab File: BF137682.D
Acq: 22 Mar 2024 15:26

Tgt Ion:284 Resp: 322737
Ion Ratio Lower Upper
284 100
142 31.4 29.4 44.0
249 30.4 25.0 37.4





#69

Atrazine

Concen: 50.441 ng

RT: 10.957 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF137682.D

Acq: 22 Mar 2024 15:26

Instrument :

BNA_F

ClientSampleId :

72-11933MS

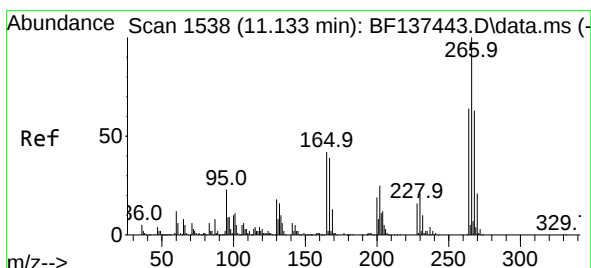
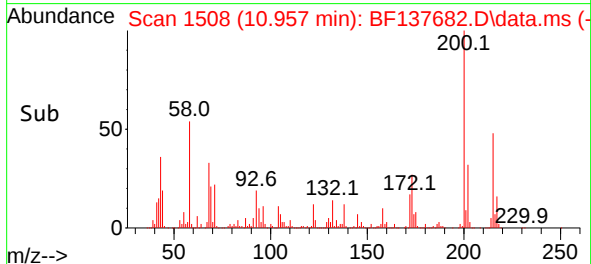
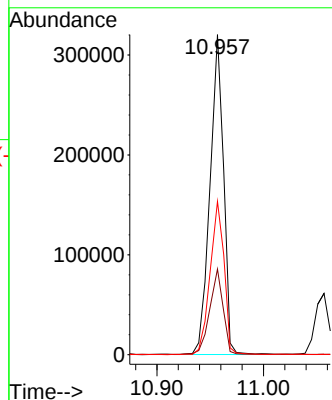
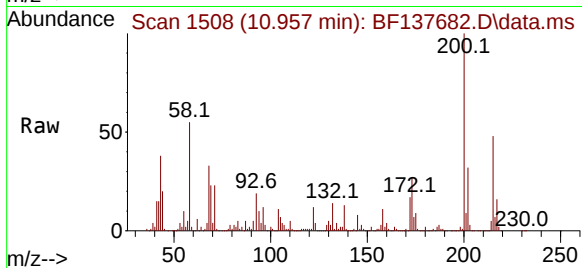
Tgt Ion:200 Resp: 283420

Ion Ratio Lower Upper

200 100

173 26.7 5.1 45.1

215 47.9 30.4 70.4



#70

Pentachlorophenol

Concen: 84.952 ng

RT: 11.057 min Scan# 1525

Delta R.T. 0.012 min

Lab File: BF137682.D

Acq: 22 Mar 2024 15:26

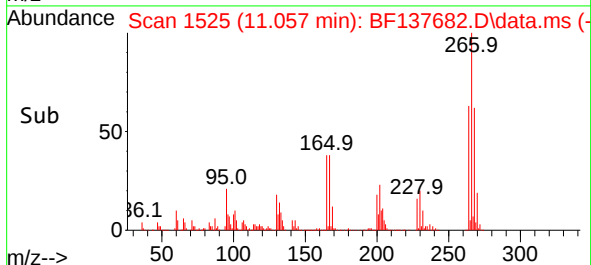
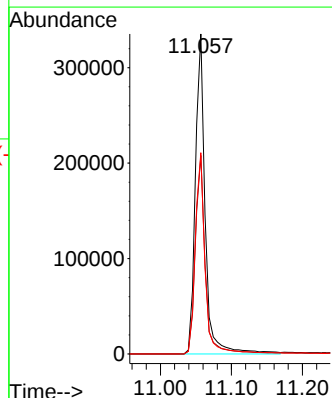
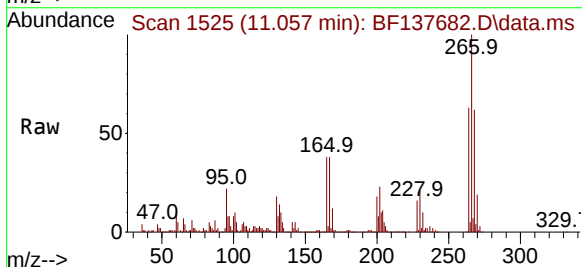
Tgt Ion:266 Resp: 324274

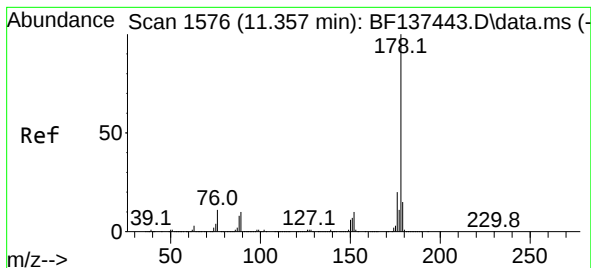
Ion Ratio Lower Upper

266 100

268 62.1 50.2 75.2

264 62.9 50.9 76.3





#71

Phenanthrene

Concen: 45.730 ng

RT: 11.274 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF137682.D

Acq: 22 Mar 2024 15:26

Instrument :

BNA_F

ClientSampleId :

72-11933MS

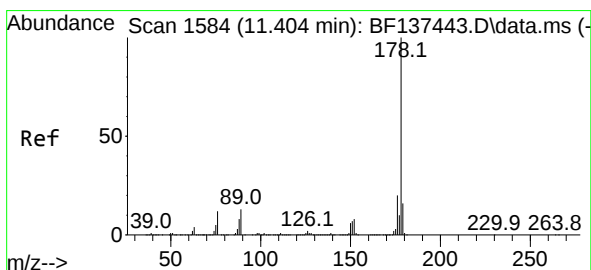
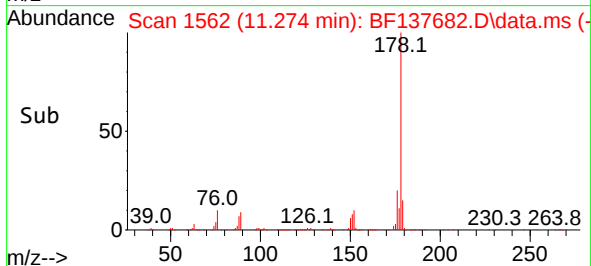
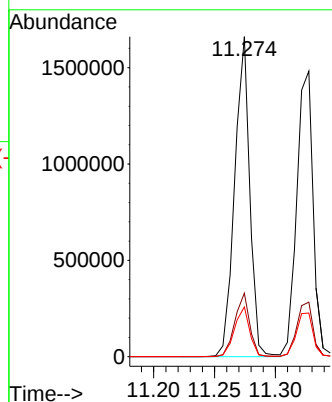
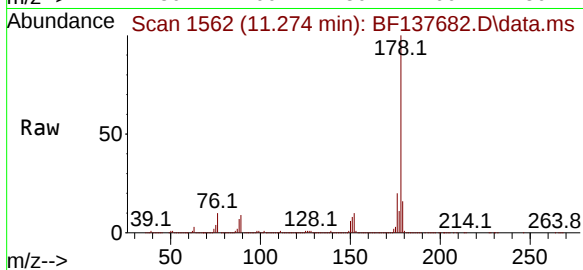
Tgt Ion:178 Resp: 1428500

Ion Ratio Lower Upper

178 100

176 19.9 15.8 23.8

179 15.6 12.2 18.2



#72

Anthracene

Concen: 43.849 ng

RT: 11.327 min Scan# 1571

Delta R.T. 0.012 min

Lab File: BF137682.D

Acq: 22 Mar 2024 15:26

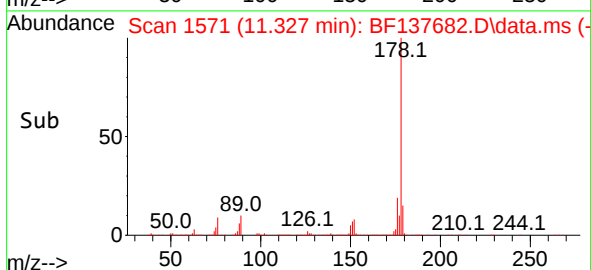
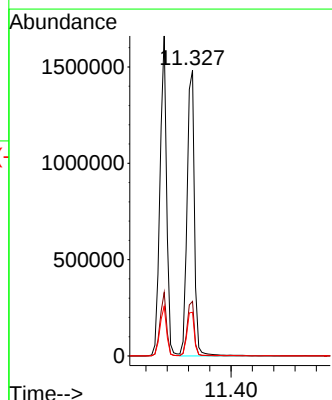
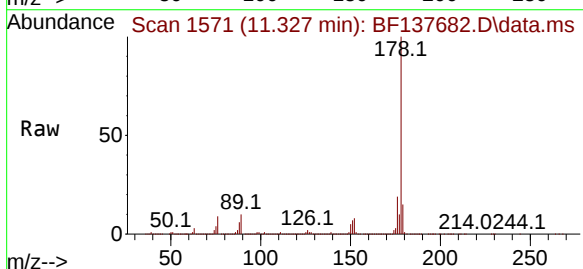
Tgt Ion:178 Resp: 1406779

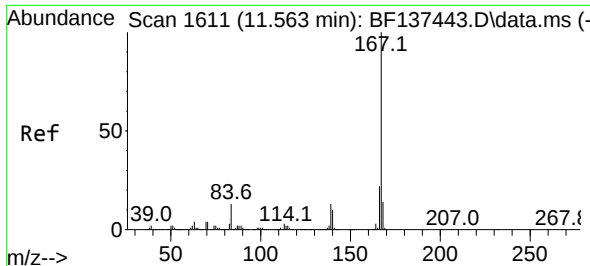
Ion Ratio Lower Upper

178 100

176 19.1 15.7 23.5

179 15.3 12.7 19.1

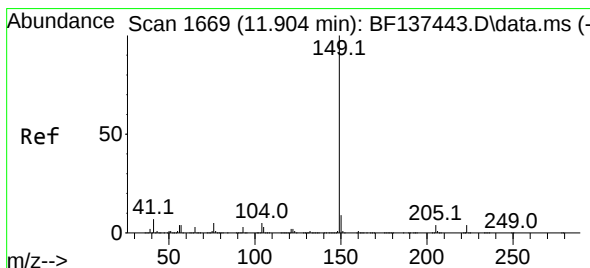
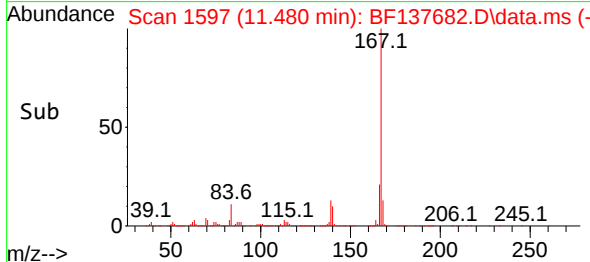
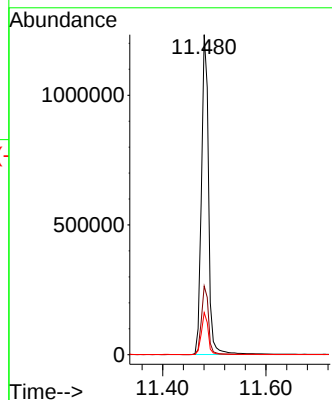
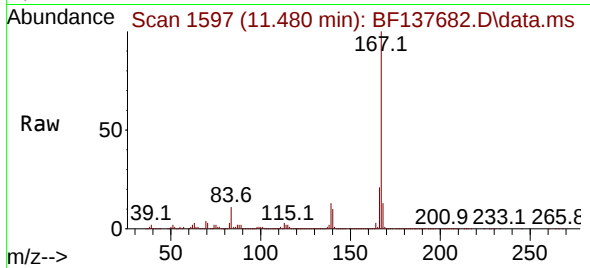




#73
Carbazole
Concen: 42.722 ng
RT: 11.480 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137682.D
Acq: 22 Mar 2024 15:26

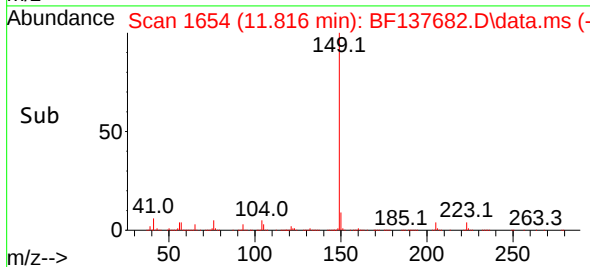
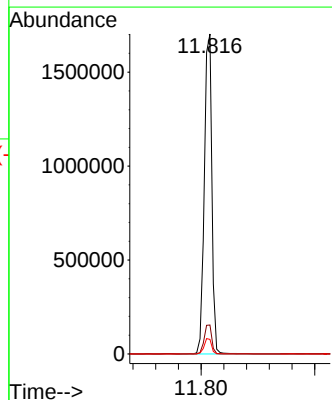
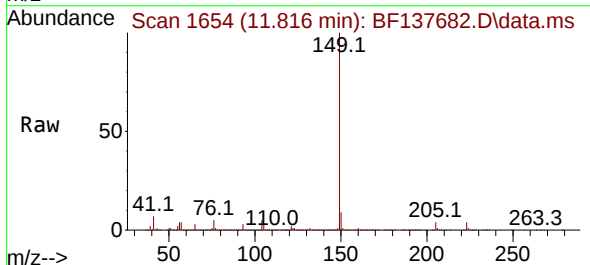
Instrument :
BNA_F
ClientSampleId :
72-11933MS

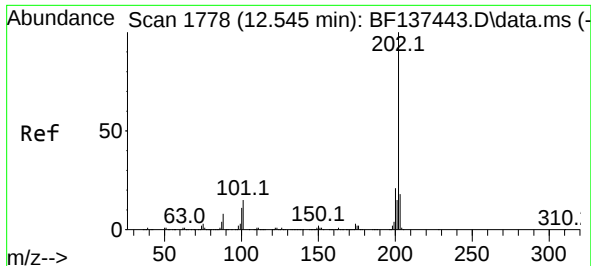
Tgt Ion:167 Resp: 1174041
Ion Ratio Lower Upper
167 100
166 21.5 17.8 26.8
139 13.2 10.5 15.7



#74
Di-n-butylphthalate
Concen: 47.791 ng
RT: 11.816 min Scan# 1654
Delta R.T. 0.006 min
Lab File: BF137682.D
Acq: 22 Mar 2024 15:26

Tgt Ion:149 Resp: 1562579
Ion Ratio Lower Upper
149 100
150 9.0 7.4 11.0
104 4.6 3.8 5.6

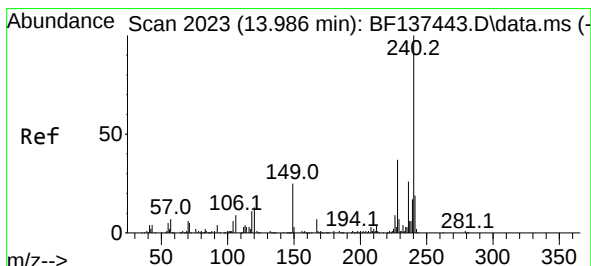
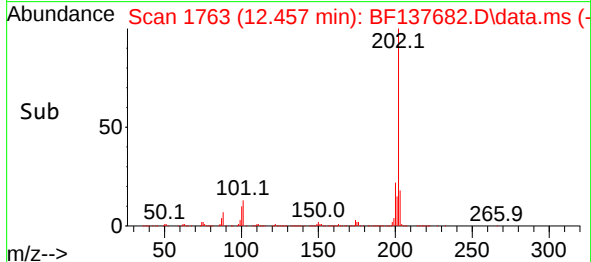
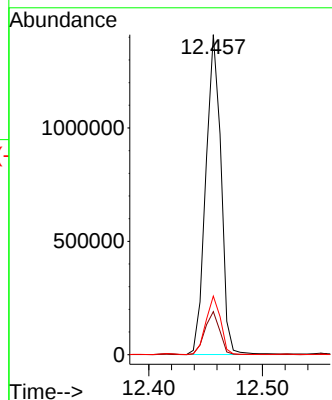
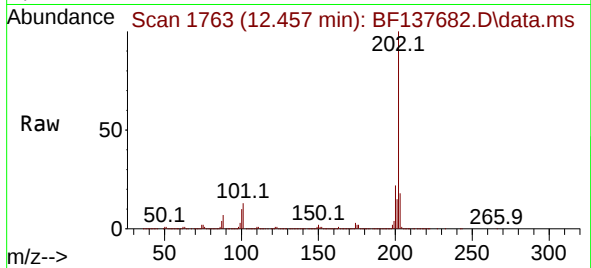




#75
Fluoranthene
Concen: 42.798 ng
RT: 12.457 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF137682.D
Acq: 22 Mar 2024 15:26

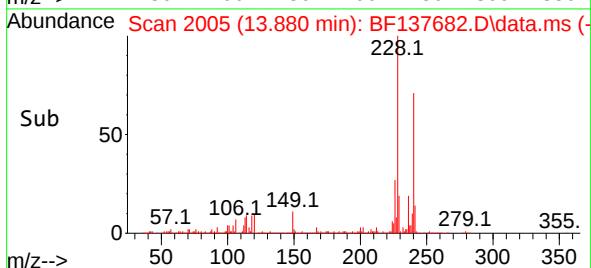
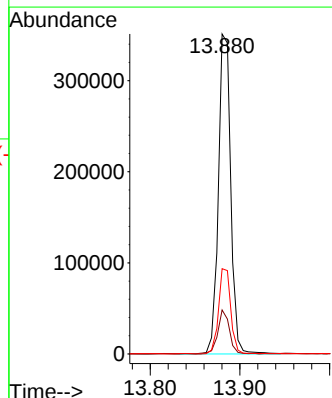
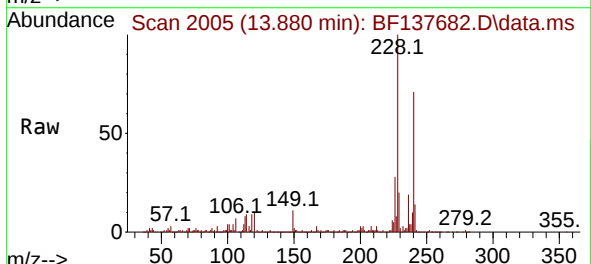
Instrument :
BNA_F
ClientSampleId :
72-11933MS

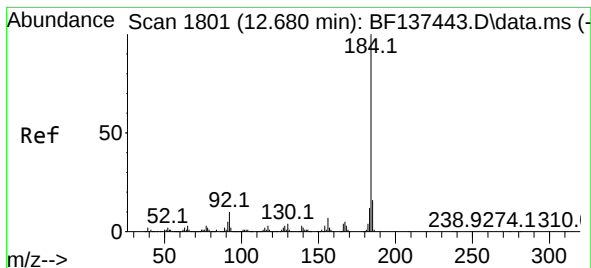
Tgt Ion:202 Resp: 1306798
Ion Ratio Lower Upper
202 100
101 13.4 0.0 35.0
203 18.3 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. 0.006 min
Lab File: BF137682.D
Acq: 22 Mar 2024 15:26

Tgt Ion:240 Resp: 336291
Ion Ratio Lower Upper
240 100
120 13.8 10.4 15.6
236 26.6 20.9 31.3





#77

Benzidine

Concen: 53.729 ng

RT: 12.586 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF137682.D

Acq: 22 Mar 2024 15:26

Instrument :

BNA_F

ClientSampleId :

72-11933MS

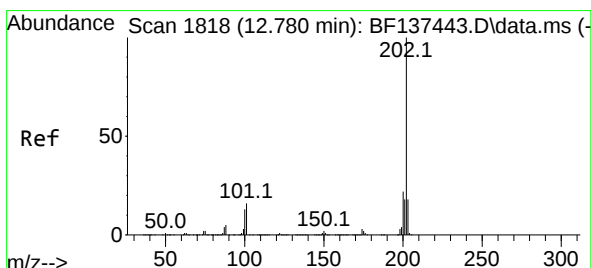
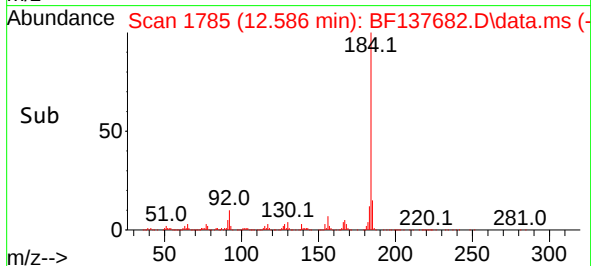
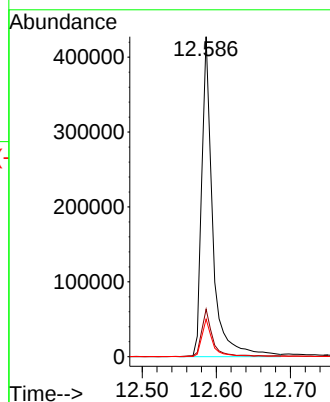
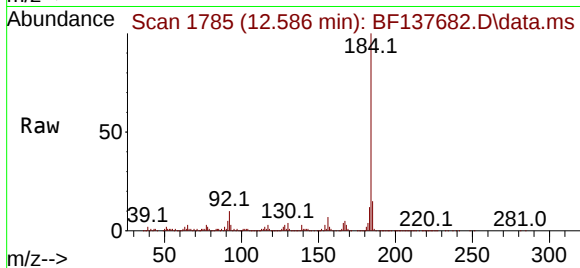
Tgt Ion:184 Resp: 442178

Ion Ratio Lower Upper

184 100

185 14.9 13.2 19.8

183 11.7 9.3 13.9



#78

Pyrene

Concen: 39.974 ng

RT: 12.686 min Scan# 1802

Delta R.T. 0.006 min

Lab File: BF137682.D

Acq: 22 Mar 2024 15:26

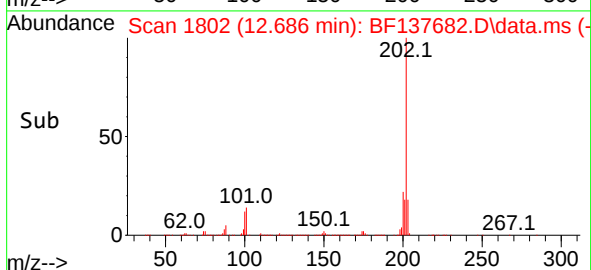
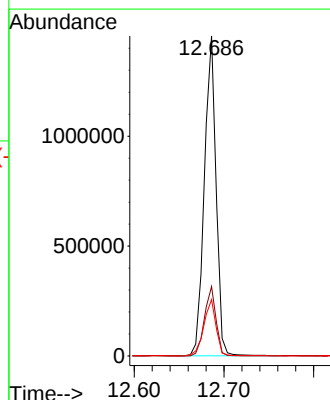
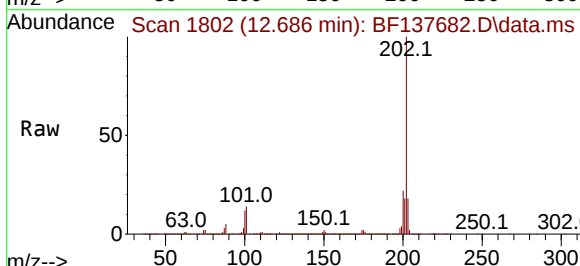
Tgt Ion:202 Resp: 1319063

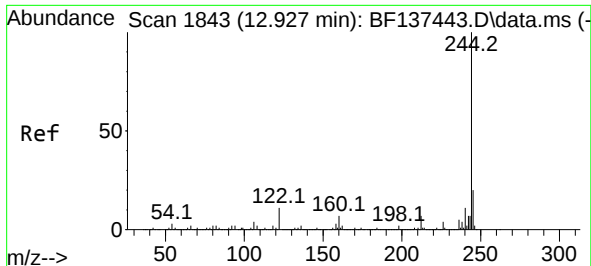
Ion Ratio Lower Upper

202 100

200 21.7 17.4 26.2

203 17.6 14.1 21.1

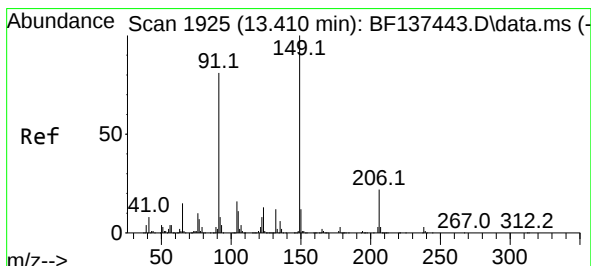
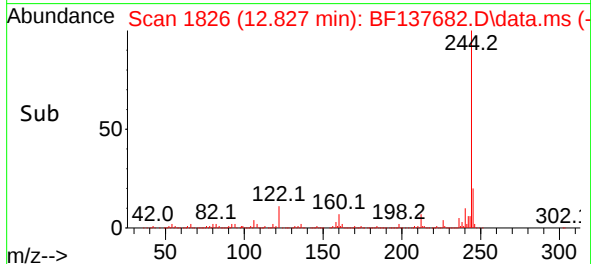
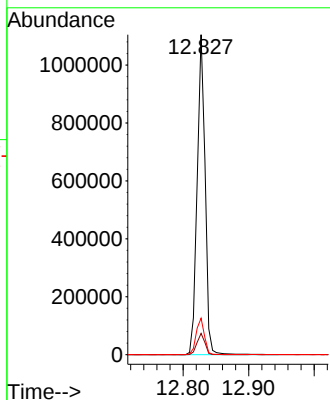
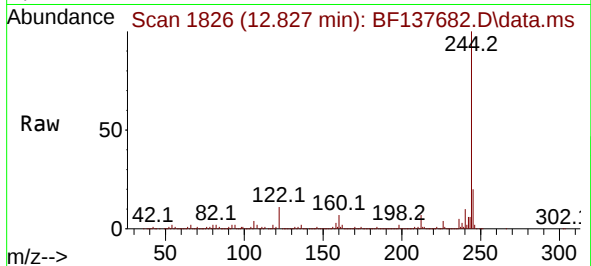




#79
 Terphenyl-d14
 Concen: 38.302 ng
 RT: 12.827 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF137682.D
 Acq: 22 Mar 2024 15:26

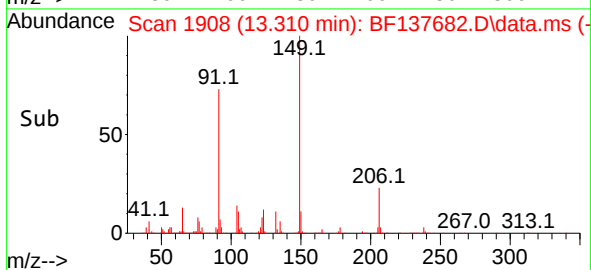
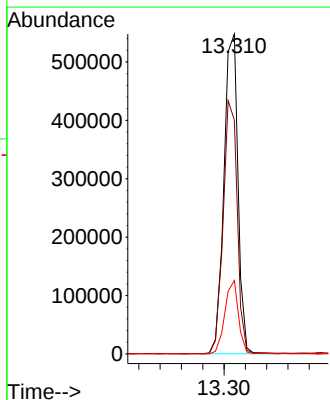
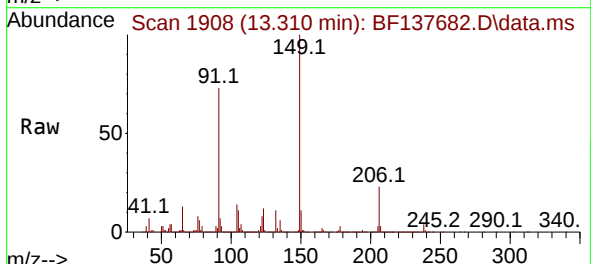
Instrument :
 BNA_F
 ClientSampleId :
 72-11933MS

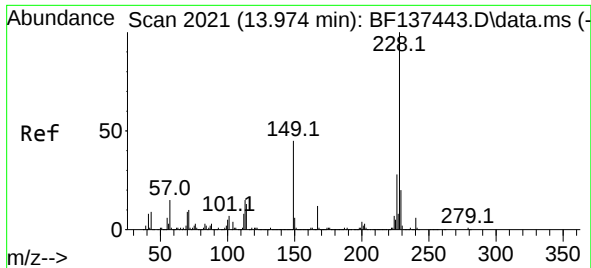
Tgt Ion:244 Resp: 936709
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.2
 122 11.4 9.1 13.7



#80
 Butylbenzylphthalate
 Concen: 59.412 ng
 RT: 13.310 min Scan# 1908
 Delta R.T. 0.006 min
 Lab File: BF137682.D
 Acq: 22 Mar 2024 15:26

Tgt Ion:149 Resp: 500672
 Ion Ratio Lower Upper
 149 100
 91 73.1 64.7 97.1
 206 23.0 17.5 26.3

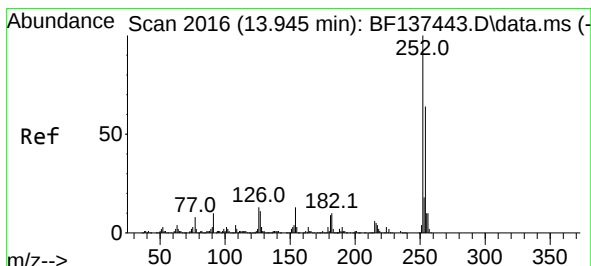
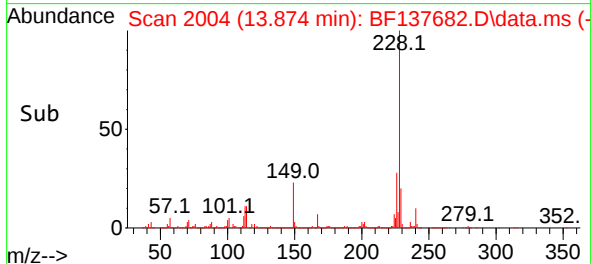
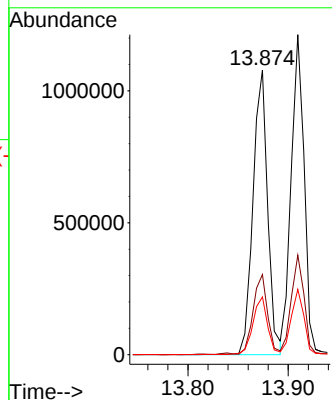
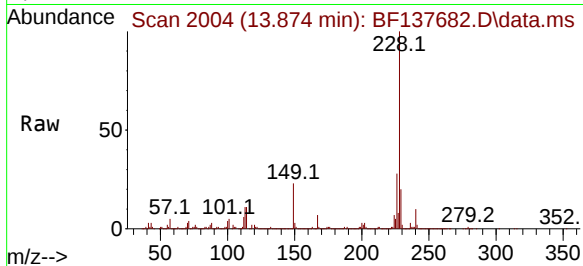




#81
Benzo(a)anthracene
Concen: 46.356 ng
RT: 13.874 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF137682.D
Acq: 22 Mar 2024 15:26

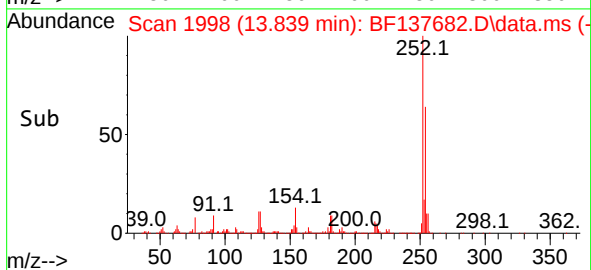
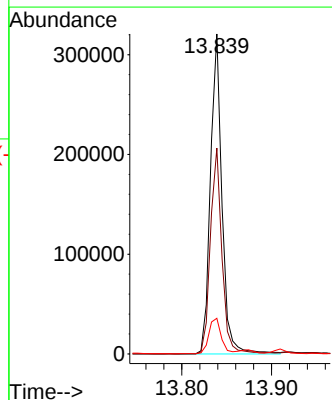
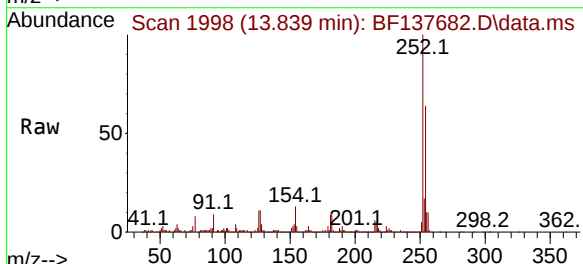
Instrument :
BNA_F
ClientSampleId :
72-11933MS

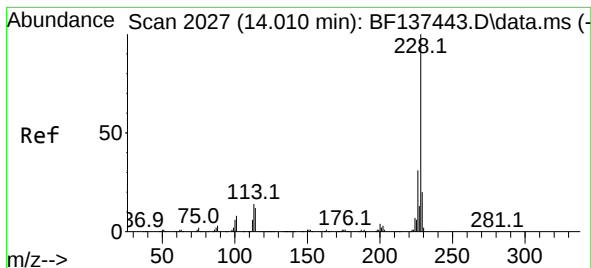
Tgt Ion:228 Resp: 1092620
Ion Ratio Lower Upper
228 100
226 28.2 22.3 33.5
229 20.3 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 45.529 ng
RT: 13.839 min Scan# 1998
Delta R.T. 0.006 min
Lab File: BF137682.D
Acq: 22 Mar 2024 15:26

Tgt Ion:252 Resp: 285778
Ion Ratio Lower Upper
252 100
254 64.4 51.4 77.2
126 11.1 10.4 15.6





#83

Chrysene

Concen: 45.909 ng

RT: 13.910 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF137682.D

Acq: 22 Mar 2024 15:26

Instrument :

BNA_F

ClientSampleId :

72-11933MS

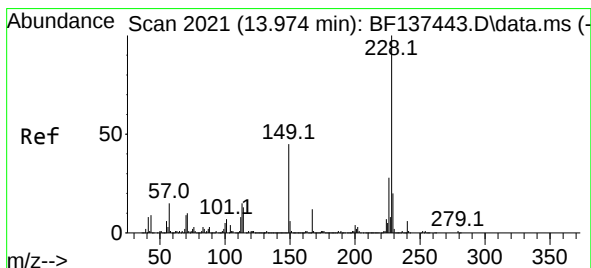
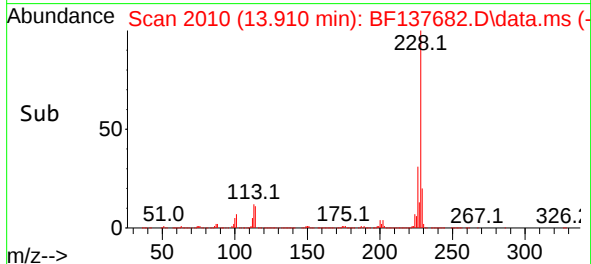
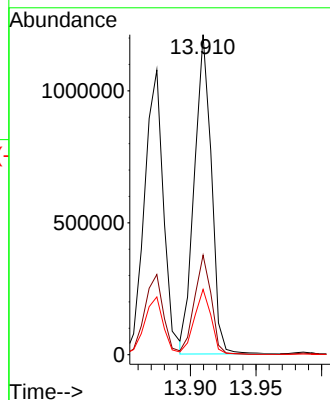
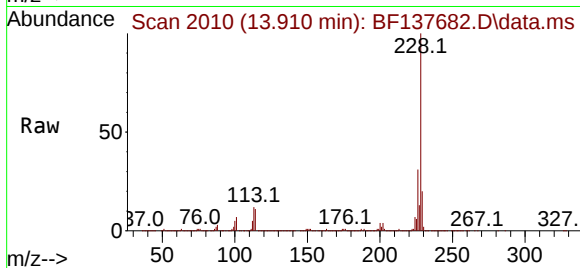
Tgt Ion:228 Resp: 1093662

Ion Ratio Lower Upper

228 100

226 31.1 24.7 37.1

229 20.4 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 63.270 ng

RT: 13.868 min Scan# 2003

Delta R.T. 0.006 min

Lab File: BF137682.D

Acq: 22 Mar 2024 15:26

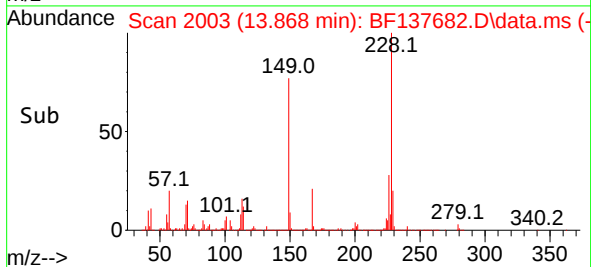
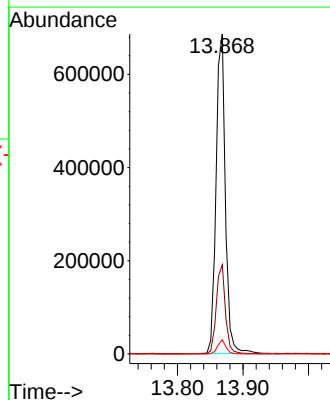
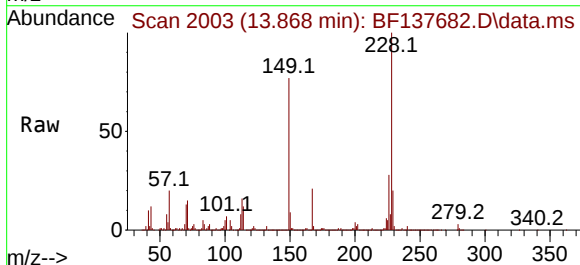
Tgt Ion:149 Resp: 677697

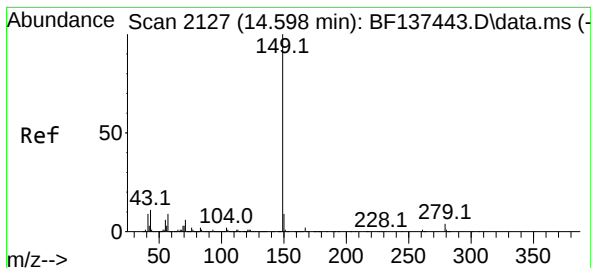
Ion Ratio Lower Upper

149 100

167 27.9 21.3 31.9

279 4.5 2.6 4.0#





#85

Di-n-octyl phthalate

Concen: 58.950 ng

RT: 14.480 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF137682.D

Acq: 22 Mar 2024 15:26

Instrument :

BNA_F

ClientSampleId :

72-11933MS

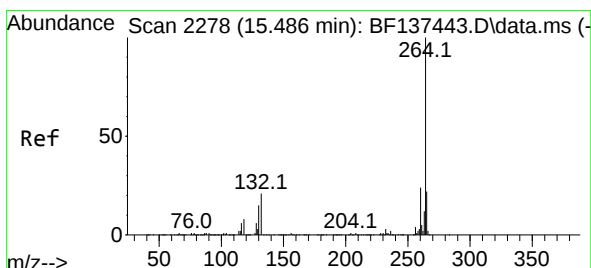
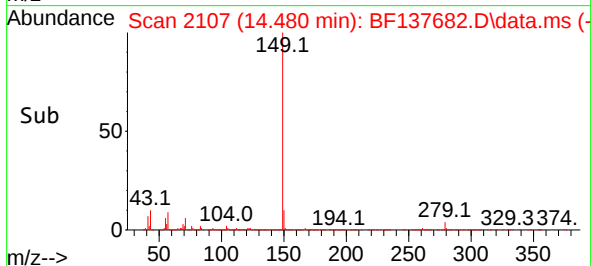
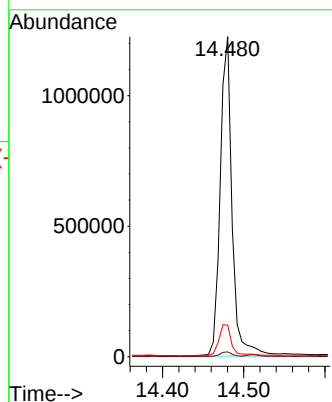
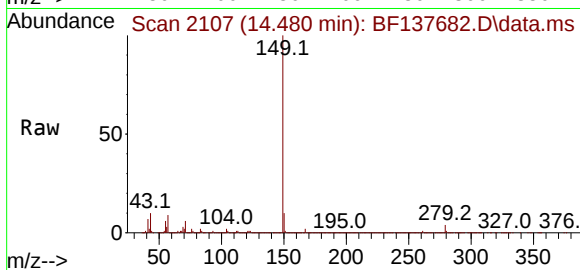
Tgt Ion:149 Resp: 1246831

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 10.8 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.304 min Scan# 2247

Delta R.T. 0.006 min

Lab File: BF137682.D

Acq: 22 Mar 2024 15:26

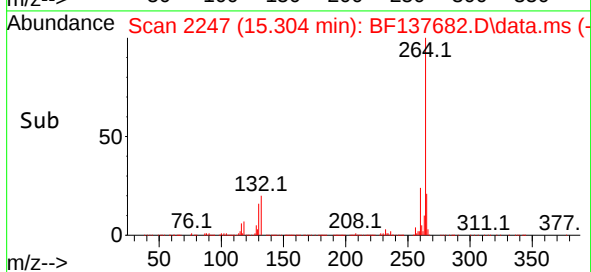
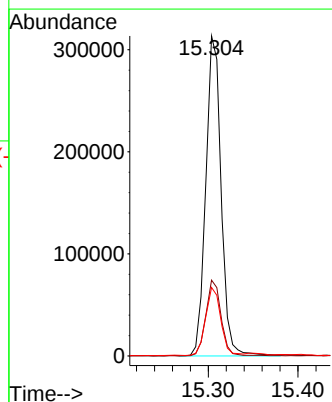
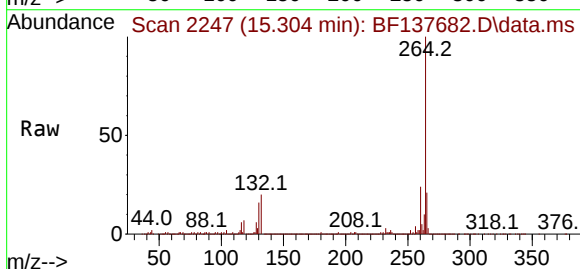
Tgt Ion:264 Resp: 372839

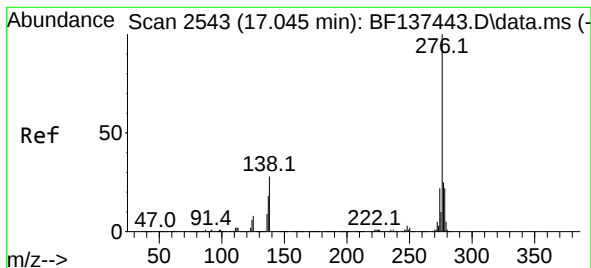
Ion Ratio Lower Upper

264 100

260 23.7 19.3 28.9

265 21.4 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 36.745 ng

RT: 16.704 min Scan# 24

Delta R.T. 0.017 min

Lab File: BF137682.D

Acq: 22 Mar 2024 15:26

Instrument :

BNA_F

ClientSampleId :

72-11933MS

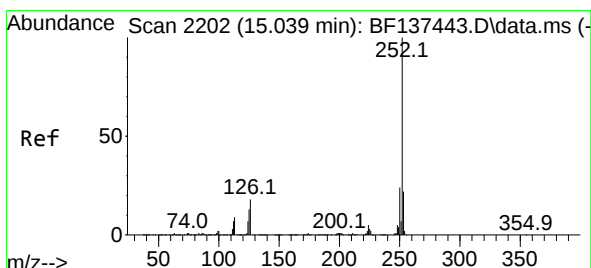
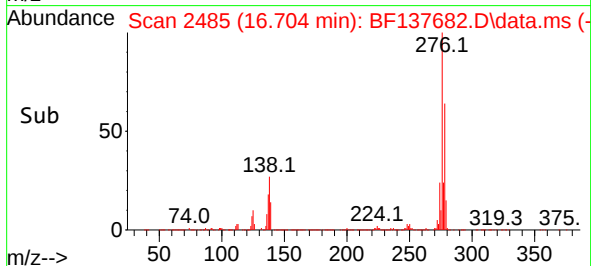
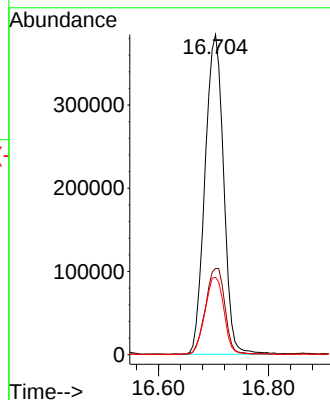
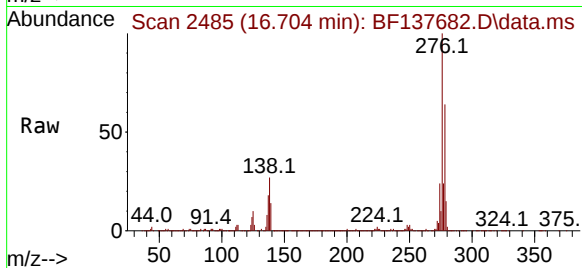
Tgt Ion:276 Resp: 901552

Ion Ratio Lower Upper

276 100

138 28.1 25.8 38.8

277 24.8 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 53.135 ng

RT: 14.904 min Scan# 2179

Delta R.T. 0.012 min

Lab File: BF137682.D

Acq: 22 Mar 2024 15:26

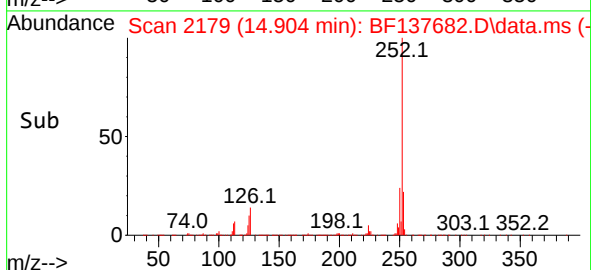
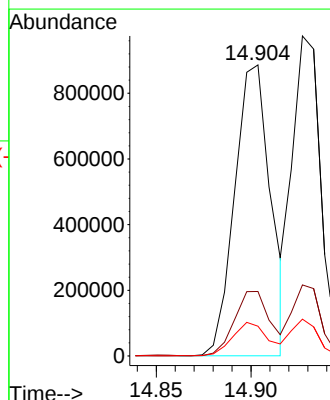
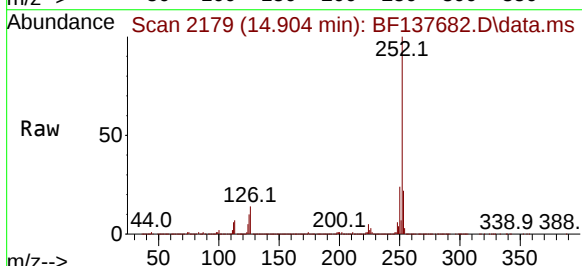
Tgt Ion:252 Resp: 1171880

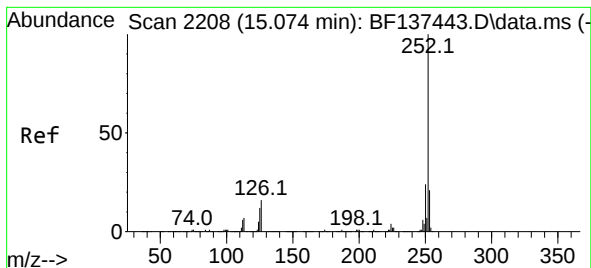
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 10.2 10.1 15.1





#89

Benzo(k)fluoranthene

Concen: 42.483 ng

RT: 14.927 min Scan# 2183

Delta R.T. 0.006 min

Lab File: BF137682.D

Acq: 22 Mar 2024 15:26

Instrument :

BNA_F

ClientSampleId :

72-11933MS

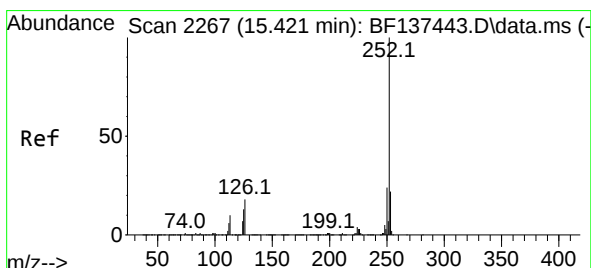
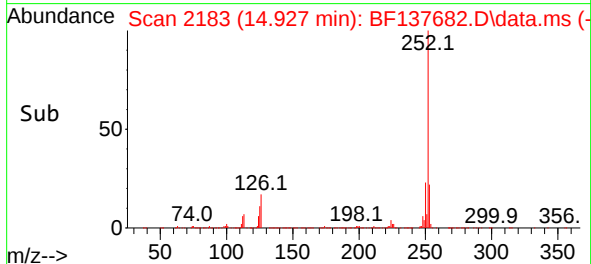
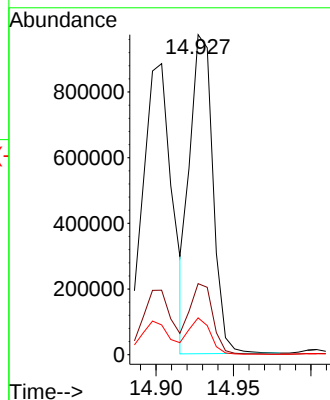
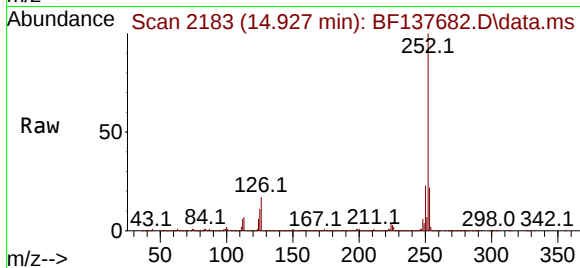
Tgt Ion:252 Resp: 1006393

Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

125 11.5 9.6 14.4



#90

Benzo(a)pyrene

Concen: 45.806 ng

RT: 15.251 min Scan# 2238

Delta R.T. 0.012 min

Lab File: BF137682.D

Acq: 22 Mar 2024 15:26

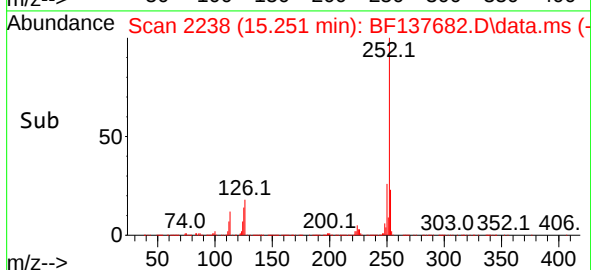
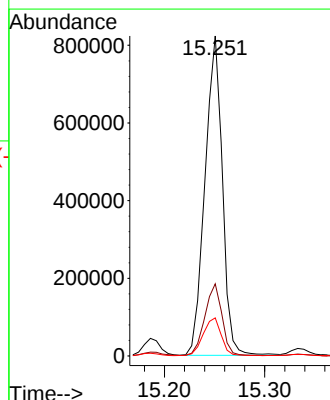
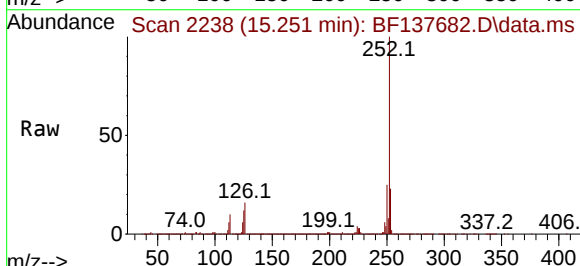
Tgt Ion:252 Resp: 995554

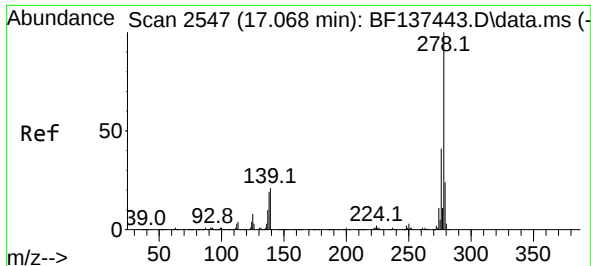
Ion Ratio Lower Upper

252 100

253 22.6 17.4 26.2

125 11.9 10.4 15.6

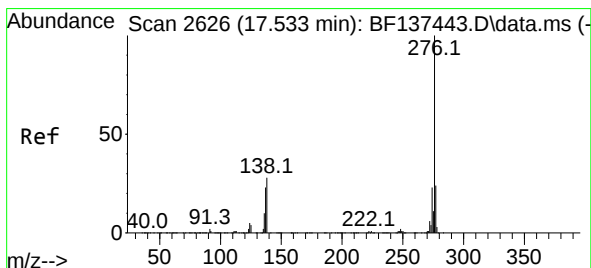
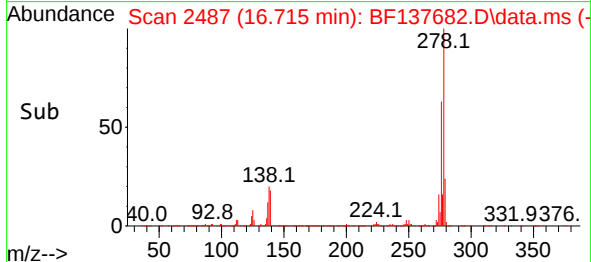
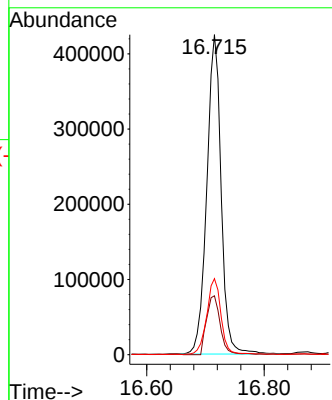
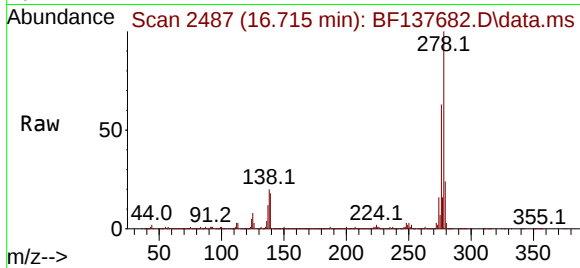




#91
Dibenzo(a,h)anthracene
Concen: 35.997 ng
RT: 16.715 min Scan# 24
Delta R.T. 0.017 min
Lab File: BF137682.D
Acq: 22 Mar 2024 15:26

Instrument :
BNA_F
ClientSampleId :
72-11933MS

Tgt Ion:278 Resp: 716451
Ion Ratio Lower Upper
278 100
139 18.4 17.0 25.6
279 23.8 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 32.534 ng
RT: 17.121 min Scan# 2556
Delta R.T. 0.018 min
Lab File: BF137682.D
Acq: 22 Mar 2024 15:26

Tgt Ion:276 Resp: 665009
Ion Ratio Lower Upper
276 100
277 23.8 19.0 28.4
138 25.6 22.2 33.2

