

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042623\
 Data File : BF133073.D
 Acq On : 26 Apr 2023 19:32
 Operator : CG\JU
 Sample : 02491-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S2S-TP3MS

Quant Time: Apr 27 02:00:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 27 01:56:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	178512	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	731024	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	377777	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	679026	20.000	ng	0.00
76) Chrysene-d12	13.892	240	401249	20.000	ng	0.00
86) Perylene-d12	15.304	264	368217	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1243956	105.266	ng	0.01
7) Phenol-d6	6.381	99	1569287	106.990	ng	0.00
23) Nitrobenzene-d5	7.304	82	957396	70.692	ng	0.00
42) 2,4,6-Tribromophenol	10.563	330	416516	109.631	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1647297	72.951	ng	0.00
79) Terphenyl-d14	12.839	244	1859039	79.906	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.463	88	243180	44.366	ng	97
3) Pyridine	3.157	79	616207	42.327	ng	95
4) n-Nitrosodimethylamine	3.116	42	322347	42.748	ng	94
6) Aniline	6.398	93	626689	33.173	ng	# 78
8) 2-Chlorophenol	6.522	128	599339	49.952	ng	95
9) Benzaldehyde	6.281	77	343483	59.976	ng	98
10) Phenol	6.393	94	723733	44.727	ng	79
11) bis(2-Chloroethyl)ether	6.475	93	565835	46.600	ng	97
12) 1,3-Dichlorobenzene	6.675	146	636576	49.902	ng	100
13) 1,4-Dichlorobenzene	6.751	146	634884	49.660	ng	99
14) 1,2-Dichlorobenzene	6.904	146	607030	51.501	ng	96
15) Benzyl Alcohol	6.887	79	492384	48.598	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.016	45	935087	44.338	ng	97
17) 2-Methylphenol	6.998	107	490432	44.639	ng	98
18) Hexachloroethane	7.251	117	218686	49.200	ng	99
19) n-Nitroso-di-n-propyla...	7.157	70	395486	43.311	ng	98
20) 3+4-Methylphenols	7.151	107	593026	45.834	ng	98
22) Acetophenone	7.145	105	797426	47.090	ng	# 97
24) Nitrobenzene	7.322	77	603066	43.943	ng	100
25) Isophorone	7.563	82	1129302	43.918	ng	100
26) 2-Nitrophenol	7.639	139	334505	50.534	ng	91
27) 2,4-Dimethylphenol	7.681	122	552253	48.655	ng	100
28) bis(2-Chloroethoxy)met...	7.775	93	677805	44.557	ng	100
29) 2,4-Dichlorophenol	7.881	162	494329	47.841	ng	100
30) 1,2,4-Trichlorobenzene	7.963	180	516432	48.244	ng	99
31) Naphthalene	8.045	128	1669896	45.689	ng	99
32) Benzoic acid	7.804	122	251569	35.882	ng	99
33) 4-Chloroaniline	8.092	127	209248	14.170	ng	98
34) Hexachlorobutadiene	8.163	225	277766	46.817	ng	99
35) Caprolactam	8.469	113	123209	35.495	ng	90
36) 4-Chloro-3-methylphenol	8.581	107	545947	48.996	ng	97
37) 2-Methylnaphthalene	8.734	142	1122028	44.903	ng	99
38) 1-Methylnaphthalene	8.834	142	1037023	44.364	ng	100
40) 1,2,4,5-Tetrachloroben...	8.904	216	462478	45.531	ng	99
41) Hexachlorocyclopentadiene	8.892	237	551599	93.116	ng	99
43) 2,4,6-Trichlorophenol	9.016	196	335933	47.823	ng	99

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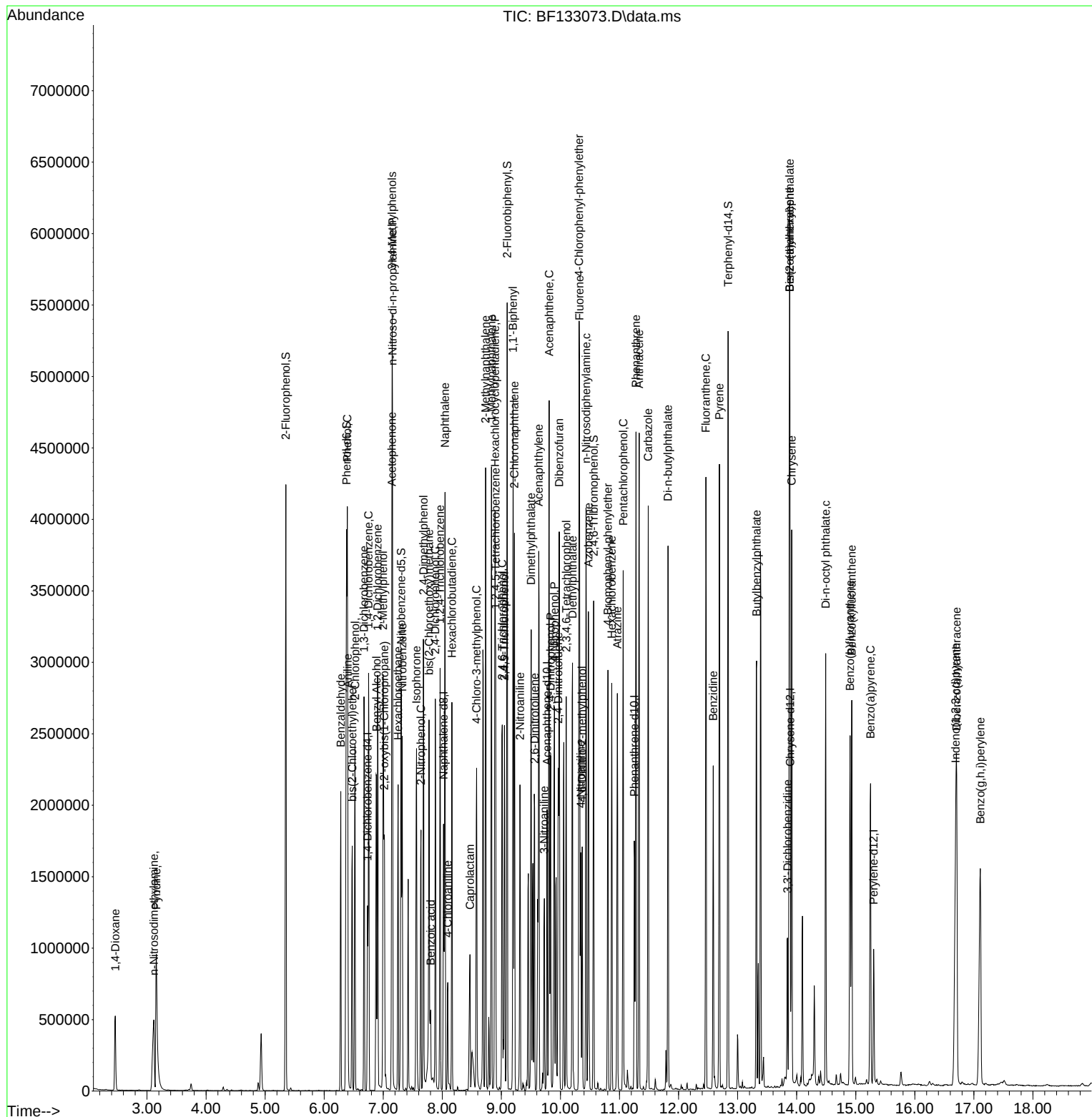
Instrument :
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 ClientSampleId :
 S2S-TP3MS

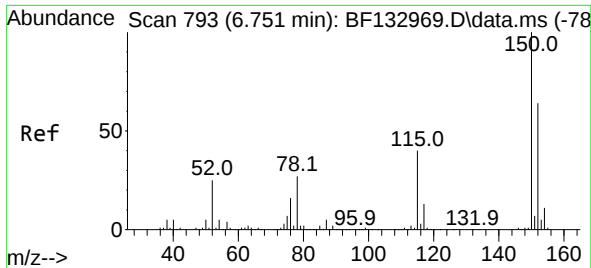
Quant Time: Apr 27 02:00:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 27 01:56:03 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.051	196	363603	44.756	ng	99
46) 1,1'-Biphenyl	9.198	154	1372610	45.821	ng	99
47) 2-Chloronaphthalene	9.222	162	1030264	46.989	ng	99
48) 2-Nitroaniline	9.316	65	337068	46.515	ng	94
49) Acenaphthylene	9.633	152	1612698	46.032	ng	99
50) Dimethylphthalate	9.504	163	1216370	46.177	ng	99
51) 2,6-Dinitrotoluene	9.563	165	293222	49.457	ng	# 83
52) Acenaphthene	9.810	154	1054254	44.930	ng	99
53) 3-Nitroaniline	9.728	138	209729	29.751	ng	96
54) 2,4-Dinitrophenol	9.833	184	307997	103.351	ng	95
55) Dibenzofuran	9.981	168	1467058	45.835	ng	99
56) 4-Nitrophenol	9.898	139	525895	96.318	ng	96
57) 2,4-Dinitrotoluene	9.963	165	384499	50.854	ng	95
58) Fluorene	10.322	166	1084238	46.236	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.098	232	300796	47.759	ng	98
60) Diethylphthalate	10.204	149	1167649	46.929	ng	99
61) 4-Chlorophenyl-phenyle...	10.316	204	520438	45.542	ng	97
62) 4-Nitroaniline	10.345	138	332972	51.391	ng	98
63) Azobenzene	10.475	77	1194209	45.308	ng	99
65) 4,6-Dinitro-2-methylph...	10.369	198	220400	53.551	ng	83
66) n-Nitrosodiphenylamine	10.433	169	998282	45.323	ng	99
67) 4-Bromophenyl-phenylether	10.804	248	341081	46.315	ng	98
68) Hexachlorobenzene	10.869	284	375654	49.780	ng	98
69) Atrazine	10.963	200	349893	55.131	ng	99
70) Pentachlorophenol	11.063	266	421649	78.455	ng	98
71) Phenanthrene	11.280	178	1695127	46.447	ng	99
72) Anthracene	11.333	178	1704284	45.631	ng	100
73) Carbazole	11.486	167	1574180	47.334	ng	99
74) Di-n-butylphthalate	11.822	149	1840986	48.916	ng	99
75) Fluoranthene	12.463	202	1721360	46.996	ng	100
77) Benzidine	12.586	184	779072	114.817	ng	# 93
78) Pyrene	12.692	202	1773506	51.561	ng	99
80) Butylbenzylphthalate	13.321	149	742327	60.952	ng	97
81) Benzo(a)anthracene	13.880	228	1297423	47.021	ng	99
82) 3,3'-Dichlorobenzidine	13.845	252	217573	28.544	ng	99
83) Chrysene	13.916	228	1272720	46.137	ng	99
84) Bis(2-ethylhexyl)phtha...	13.880	149	837017	54.755	ng	99
85) Di-n-octyl phthalate	14.492	149	1355762	54.392	ng	97
87) Indeno(1,2,3-cd)pyrene	16.692	276	1384381	66.096	ng	99
88) Benzo(b)fluoranthene	14.904	252	1100482	46.978	ng	98
89) Benzo(k)fluoranthene	14.933	252	1066508	45.928	ng	99
90) Benzo(a)pyrene	15.251	252	970215	45.503	ng	100
91) Dibenzo(a,h)anthracene	16.709	278	1138432	65.168	ng	98
92) Benzo(g,h,i)perylene	17.109	276	1157108	67.093	ng	98

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

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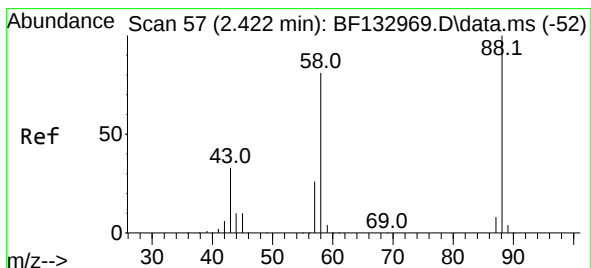
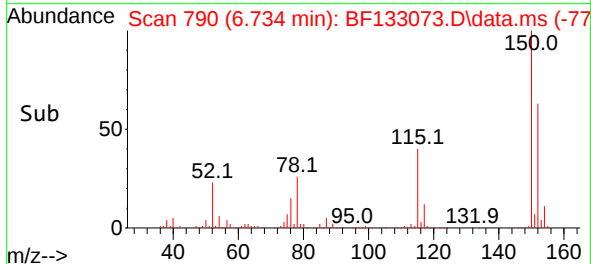
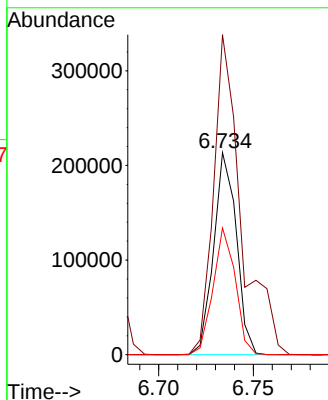
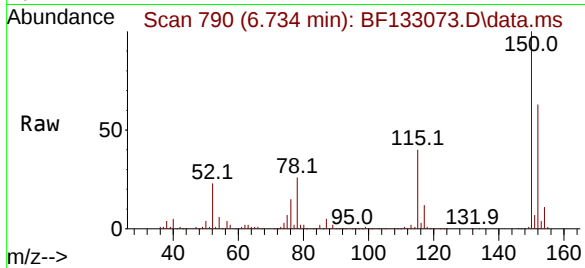




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.734 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF133073.D
 Acq: 26 Apr 2023 19:32

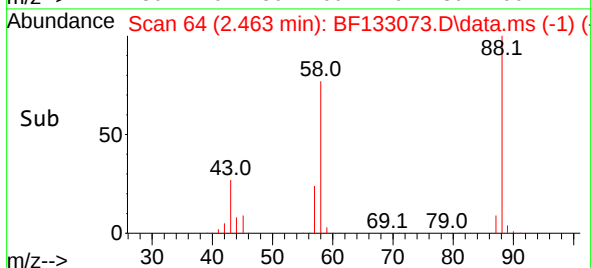
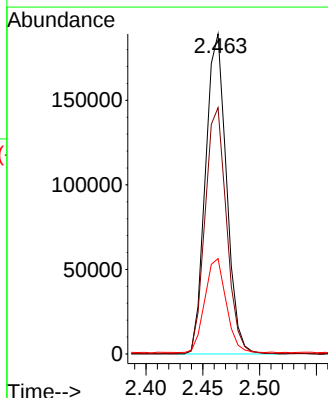
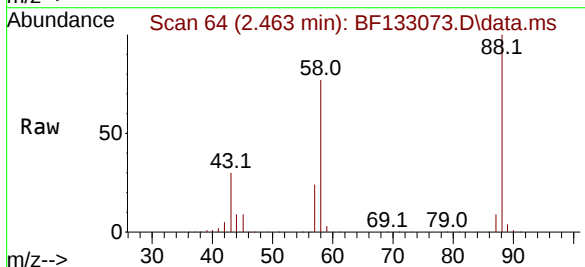
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 S2S-TP3MS

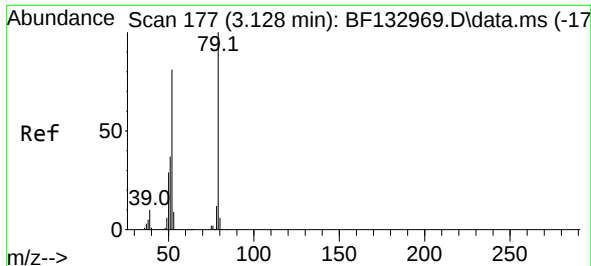
Tgt Ion:152 Resp: 178512
 Ion Ratio Lower Upper
 152 100
 150 158.4 124.8 187.2
 115 62.7 49.9 74.9



#2
 1,4-Dioxane
 Concen: 44.366 ng
 RT: 2.463 min Scan# 64
 Delta R.T. 0.077 min
 Lab File: BF133073.D
 Acq: 26 Apr 2023 19:32

Tgt Ion: 88 Resp: 243180
 Ion Ratio Lower Upper
 88 100
 58 78.4 64.7 97.1
 43 30.0 26.2 39.2



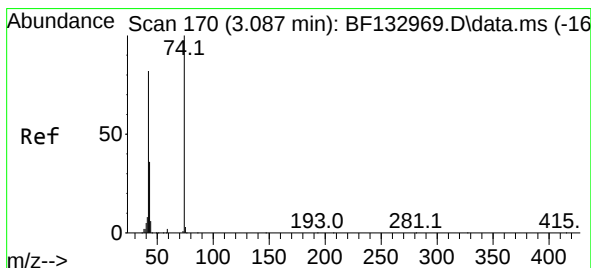
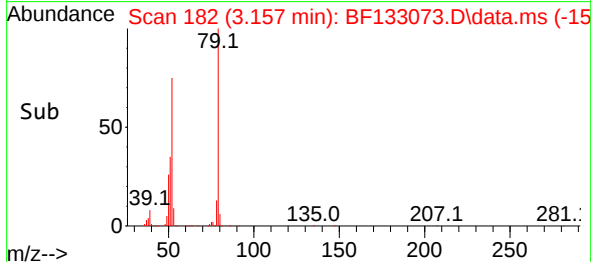
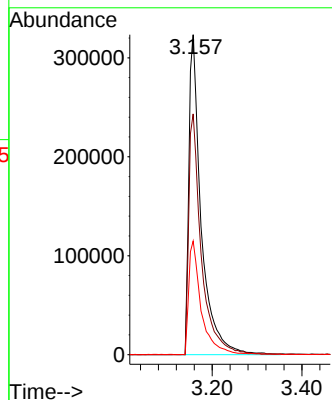
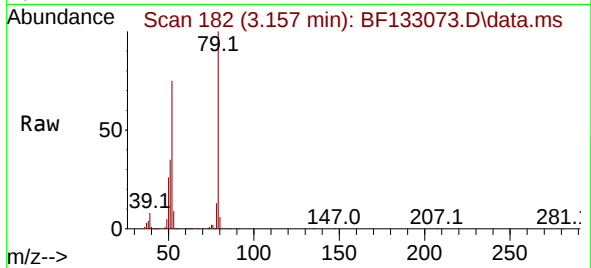


#3
 Pyridine
 Concen: 42.327 ng
 RT: 3.157 min Scan# 11
 Delta R.T. 0.077 min
 Lab File: BF133073.D
 Acq: 26 Apr 2023 19:32

Instrument :
 BNA_F
 ClientSampleId :
 S2S-TP3MS

Tgt Ion: 79 Resp: 616207

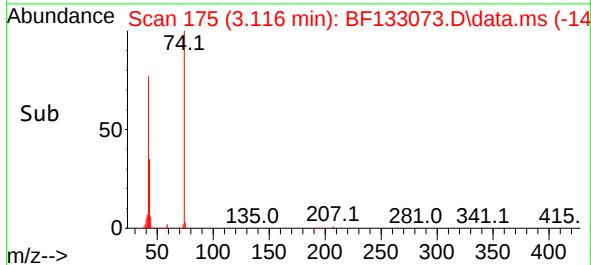
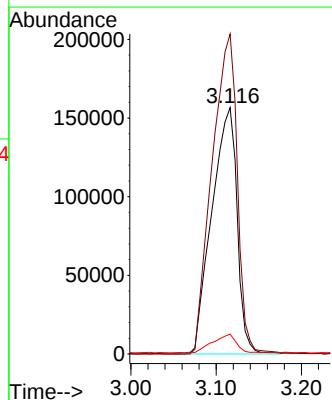
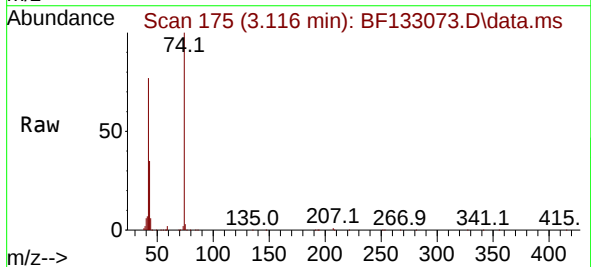
Ion	Ratio	Lower	Upper
79	100		
52	75.2	64.6	96.8
51	35.5	30.0	45.0

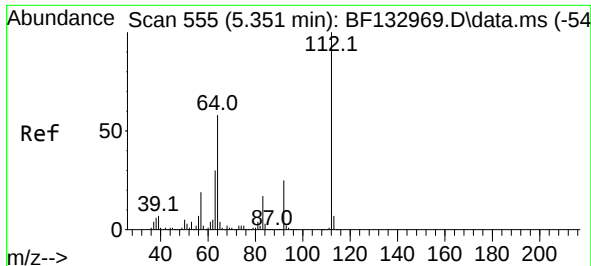


#4
 n-Nitrosodimethylamine
 Concen: 42.748 ng
 RT: 3.116 min Scan# 175
 Delta R.T. 0.077 min
 Lab File: BF133073.D
 Acq: 26 Apr 2023 19:32

Tgt Ion: 42 Resp: 322347

Ion	Ratio	Lower	Upper
42	100		
74	129.9	98.0	147.0
44	8.0	5.8	8.8

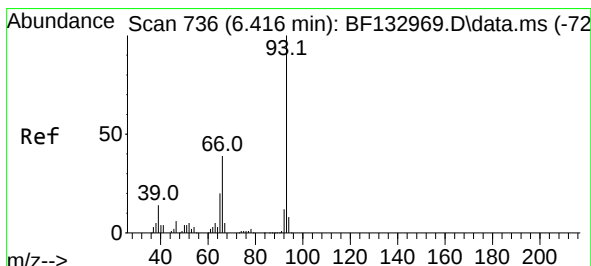
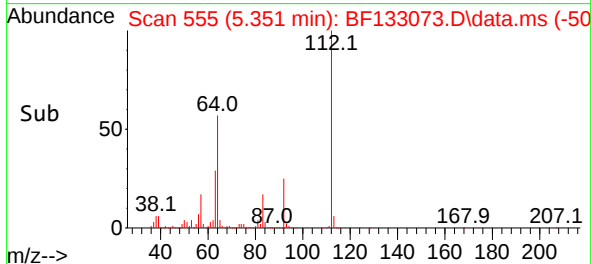
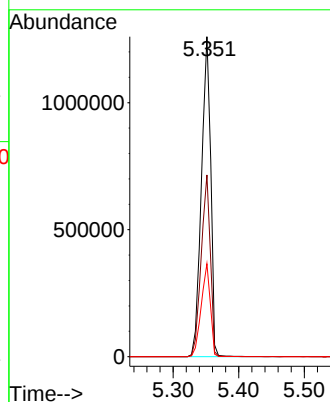
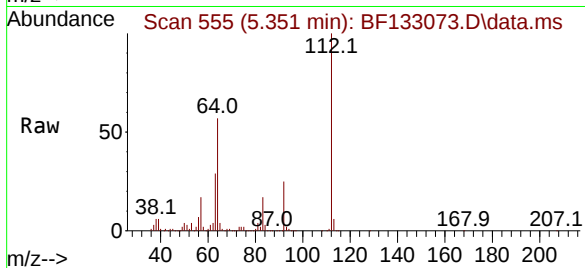




#5
2-Fluorophenol
Concen: 105.266 ng
RT: 5.351 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

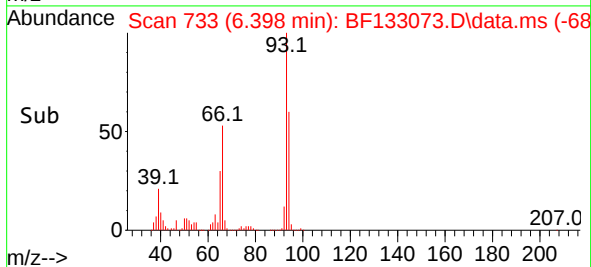
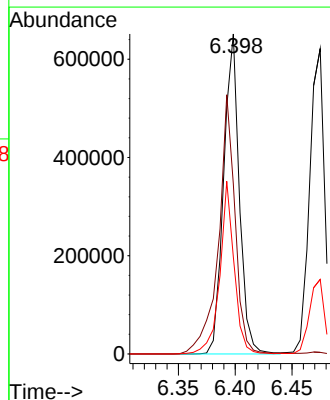
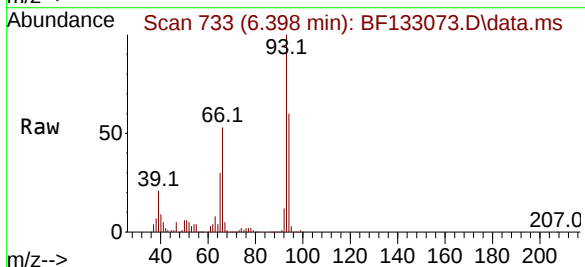
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ClientSampleId :
S2S-TP3MS

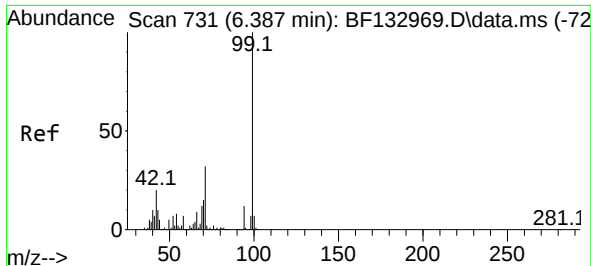
Tgt Ion:112 Resp: 1243956
Ion Ratio Lower Upper
112 100
64 56.8 46.8 70.2
63 29.1 23.8 35.8



#6
Aniline
Concen: 33.173 ng
RT: 6.398 min Scan# 733
Delta R.T. -0.006 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

Tgt Ion: 93 Resp: 626689
Ion Ratio Lower Upper
93 100
66 53.2 31.5 47.3#
65 30.4 16.4 24.6#





#7

Phenol-d6

Concen: 106.990 ng

RT: 6.381 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF133073.D

Acq: 26 Apr 2023 19:32

Instrument :

BNA_F

ClientSampleId :

S2S-TP3MS

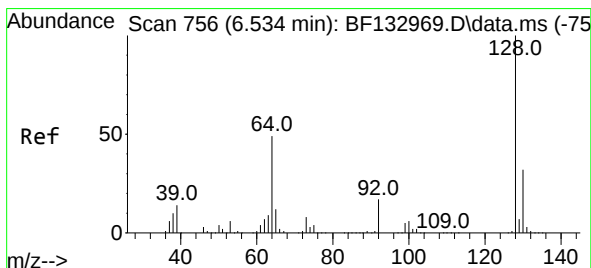
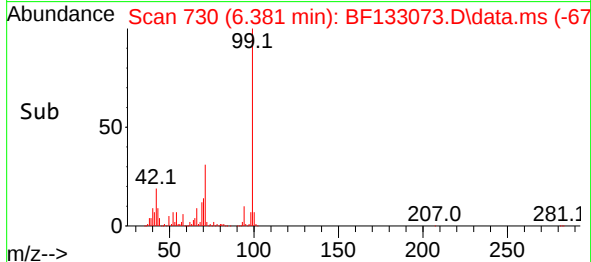
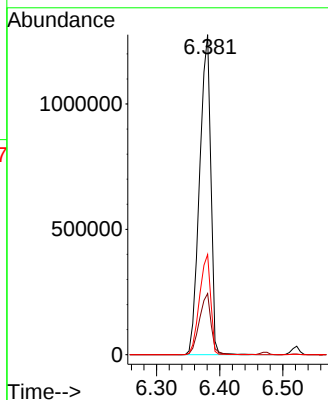
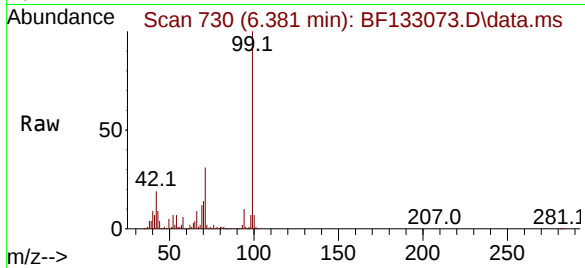
Tgt Ion: 99 Resp: 1569287

Ion Ratio Lower Upper

99 100

42 19.1 16.3 24.5

71 31.3 25.6 38.4



#8

2-Chlorophenol

Concen: 49.952 ng

RT: 6.522 min Scan# 754

Delta R.T. 0.000 min

Lab File: BF133073.D

Acq: 26 Apr 2023 19:32

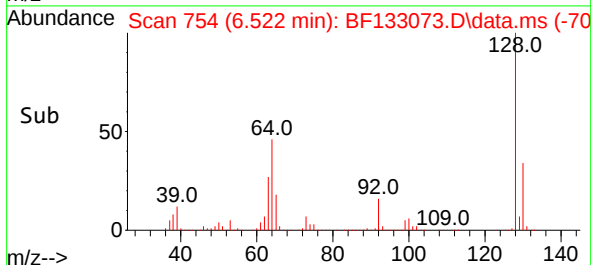
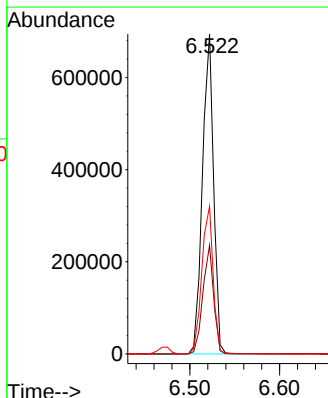
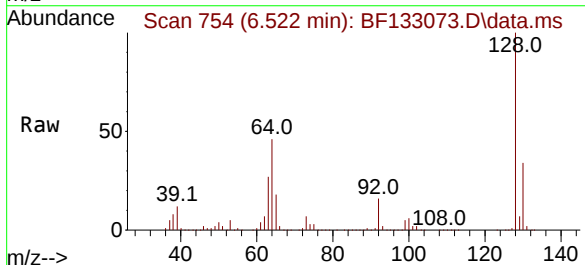
Tgt Ion:128 Resp: 599339

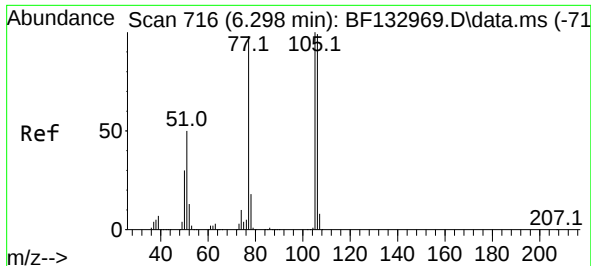
Ion Ratio Lower Upper

128 100

130 33.9 12.2 52.2

64 46.2 30.3 70.3

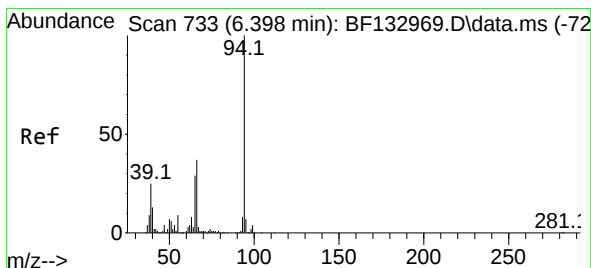
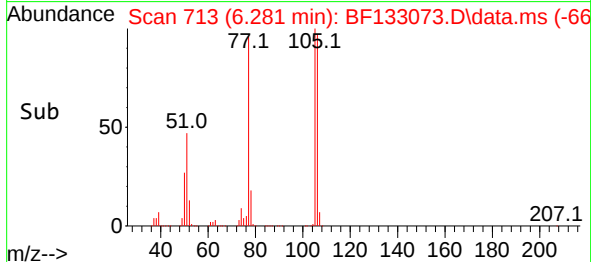
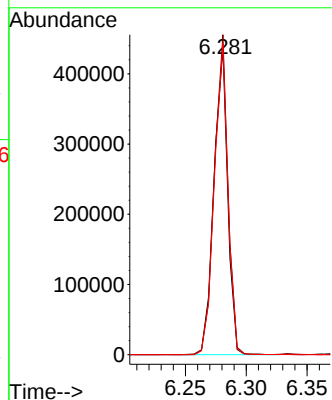
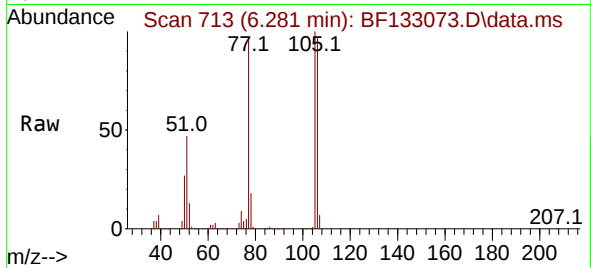




#9
Benzaldehyde
Concen: 59.976 ng
RT: 6.281 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

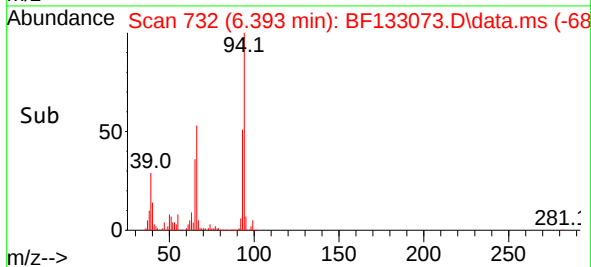
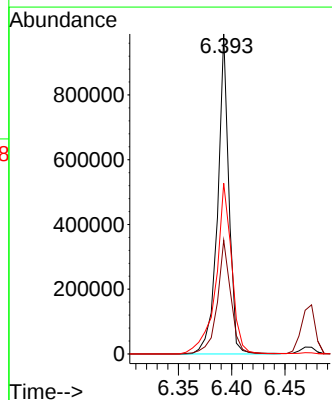
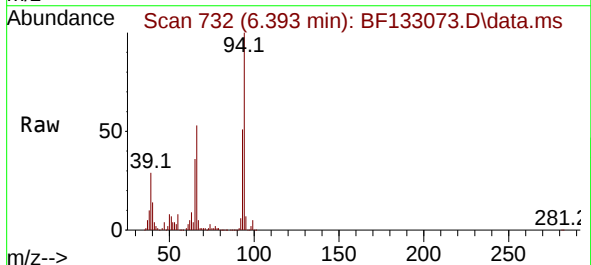
Instrument :
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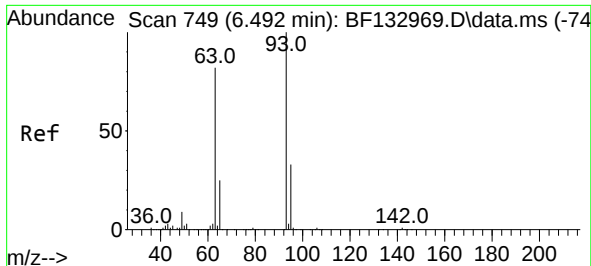
Tgt Ion: 77 Resp: 343483
Ion Ratio Lower Upper
77 100
105 104.6 82.3 122.3
106 101.7 80.8 120.8



#10
Phenol
Concen: 44.727 ng
RT: 6.393 min Scan# 732
Delta R.T. 0.000 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

Tgt Ion: 94 Resp: 723733
Ion Ratio Lower Upper
94 100
65 35.6 8.6 48.6
66 53.4 17.3 57.3

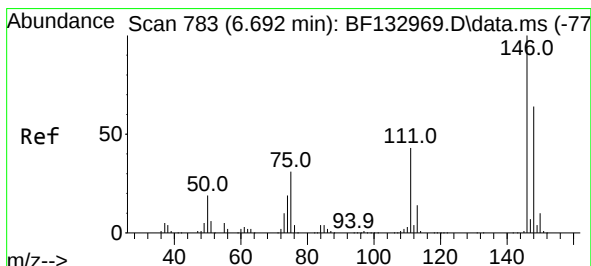
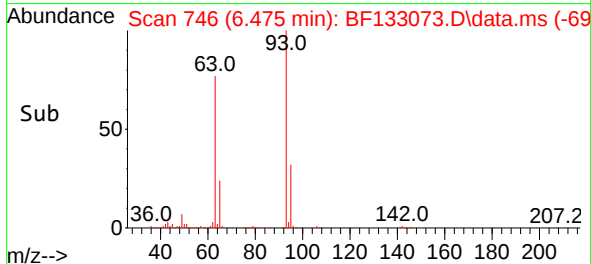
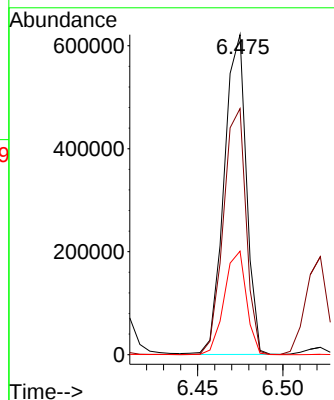
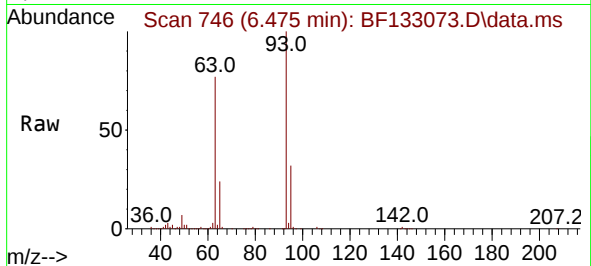




#11
bis(2-Chloroethyl)ether
Concen: 46.600 ng
RT: 6.475 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

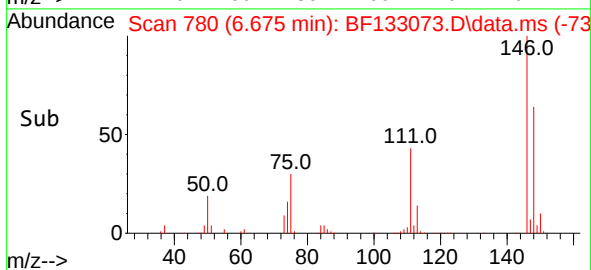
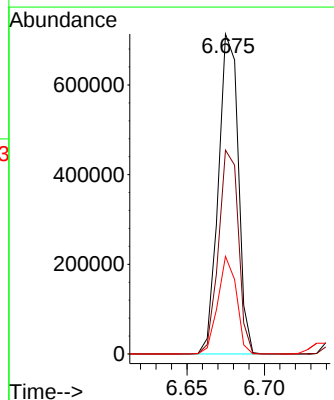
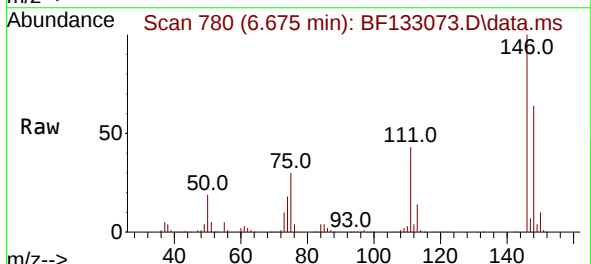
Instrument :
BNA_F
ClientSampleId :
S2S-TP3MS

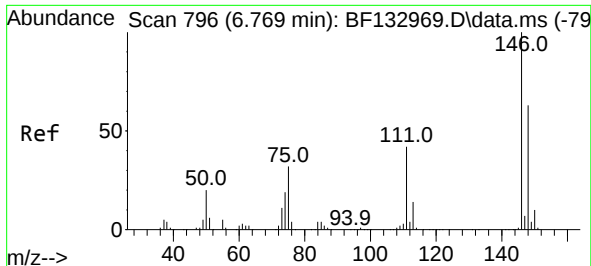
Tgt Ion: 93 Resp: 565835
Ion Ratio Lower Upper
93 100
63 76.9 60.6 100.6
95 32.4 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 49.902 ng
RT: 6.675 min Scan# 780
Delta R.T. -0.006 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

Tgt Ion:146 Resp: 636576
Ion Ratio Lower Upper
146 100
148 63.7 51.0 76.4
75 30.5 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 49.660 ng

RT: 6.751 min Scan# 796

Delta R.T. -0.006 min

Lab File: BF133073.D

Acq: 26 Apr 2023 19:32

Instrument :

BNA_F

ClientSampleId :

S2S-TP3MS

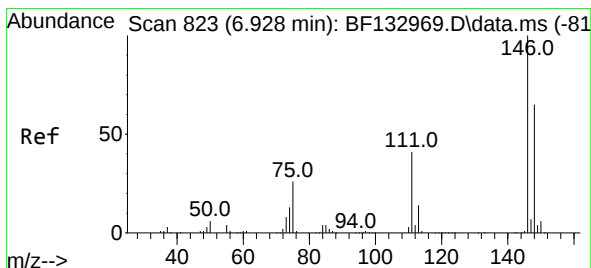
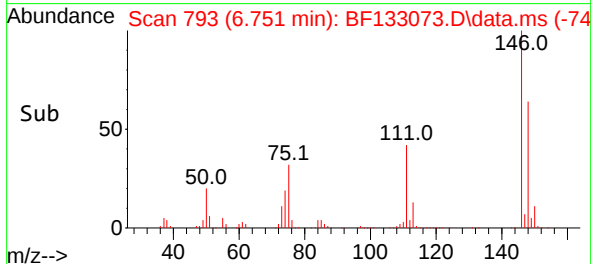
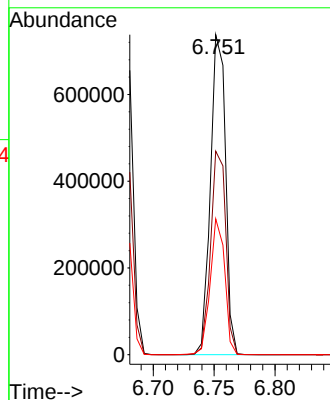
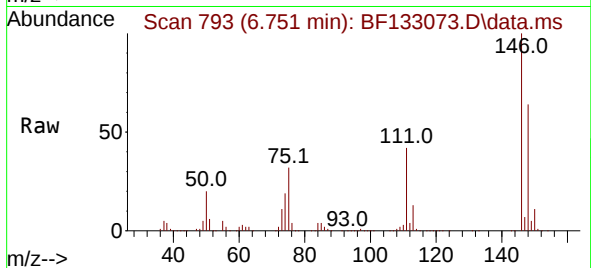
Tgt Ion:146 Resp: 634884

Ion Ratio Lower Upper

146 100

148 63.6 50.3 75.5

111 42.5 33.8 50.6



#14

1,2-Dichlorobenzene

Concen: 51.501 ng

RT: 6.904 min Scan# 819

Delta R.T. -0.006 min

Lab File: BF133073.D

Acq: 26 Apr 2023 19:32

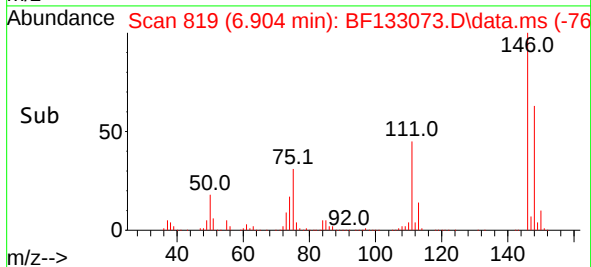
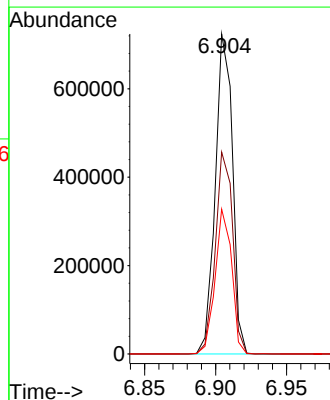
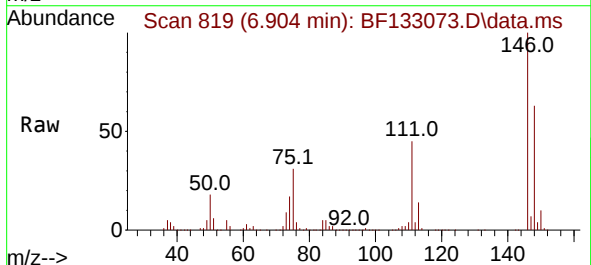
Tgt Ion:146 Resp: 607030

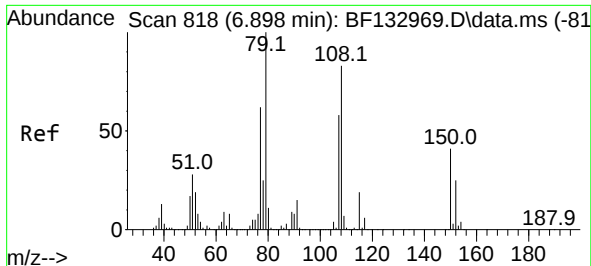
Ion Ratio Lower Upper

146 100

148 63.1 52.2 78.2

111 45.3 32.8 49.2

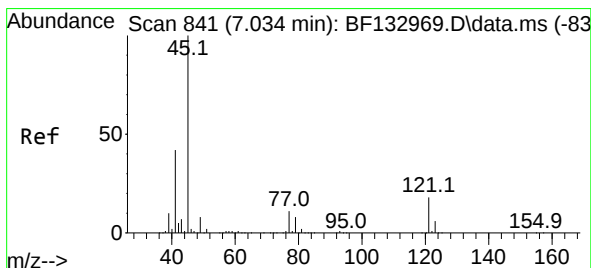
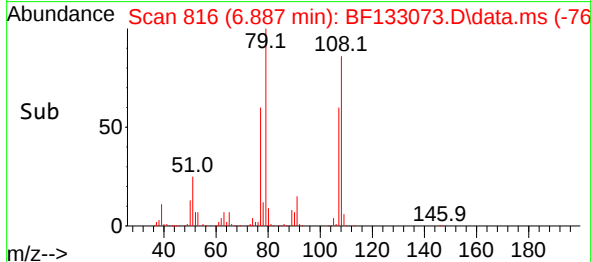
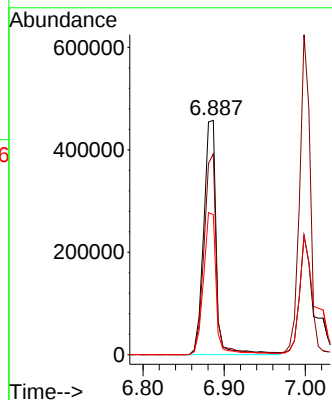
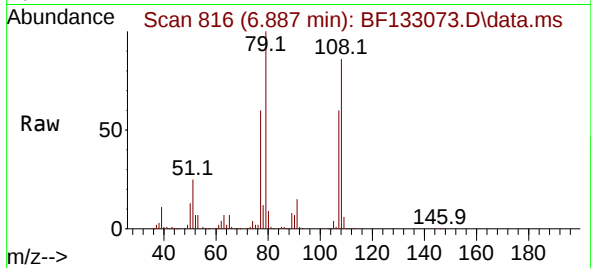




#15
Benzyl Alcohol
Concen: 48.598 ng
RT: 6.887 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

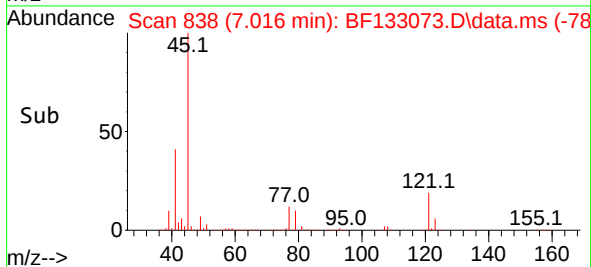
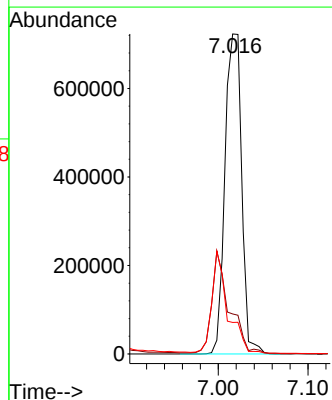
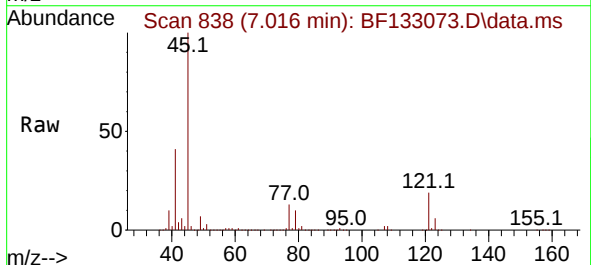
Instrument :
BNA_F
ClientSampleId :
S2S-TP3MS

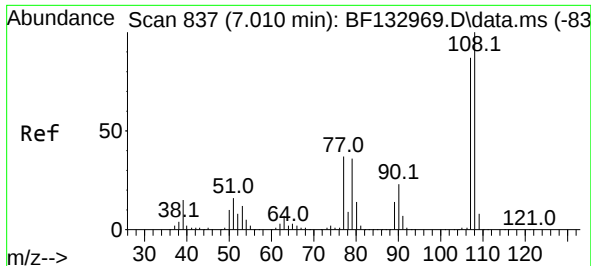
Tgt Ion: 79 Resp: 492384
Ion Ratio Lower Upper
79 100
108 85.7 66.6 99.8
77 59.7 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.338 ng
RT: 7.016 min Scan# 838
Delta R.T. -0.006 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

Tgt Ion: 45 Resp: 935087
Ion Ratio Lower Upper
45 100
77 12.5 0.0 31.5
79 9.9 0.0 28.7

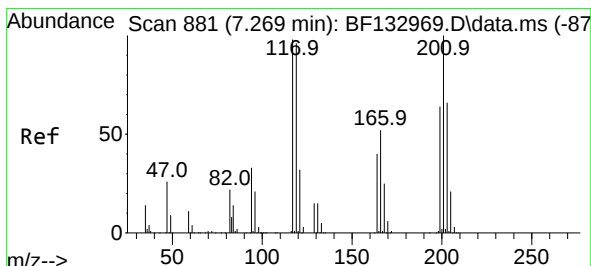
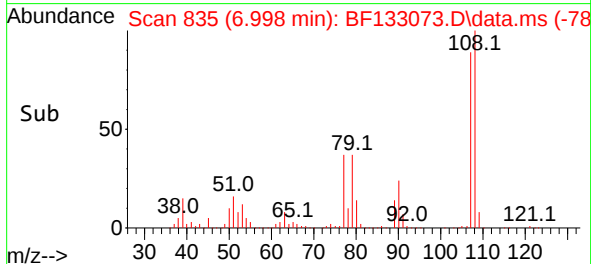
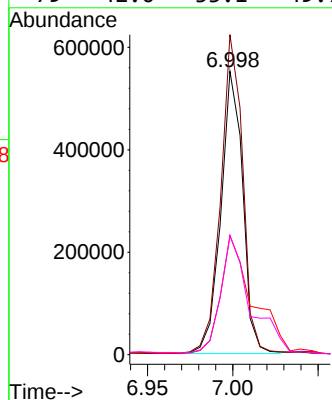
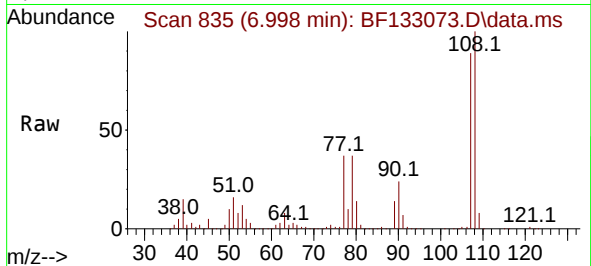




#17
2-Methylphenol
Concen: 44.639 ng
RT: 6.998 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

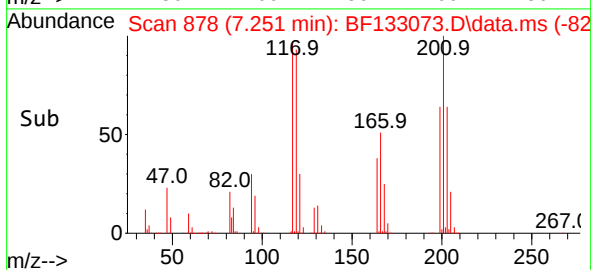
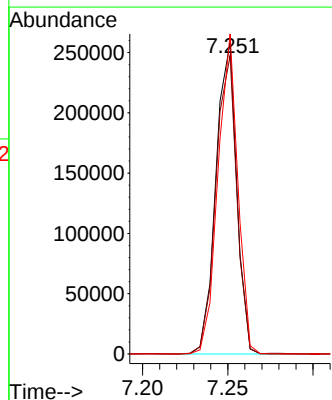
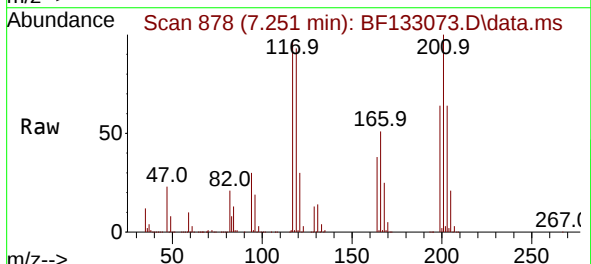
Instrument :
BNA_F
ClientSampleId :
S2S-TP3MS

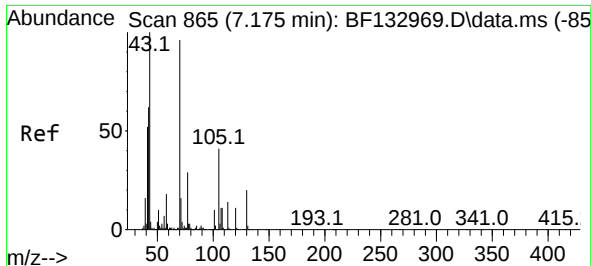
Tgt Ion:	107	Resp:	490432
Ion	Ratio	Lower	Upper
107	100		
108	112.9	92.4	138.6
77	42.0	33.8	50.8
79	42.0	33.1	49.7



#18
Hexachloroethane
Concen: 49.200 ng
RT: 7.251 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

Tgt Ion:	117	Resp:	218686
Ion	Ratio	Lower	Upper
117	100		
119	95.8	78.2	117.4
201	102.7	81.7	122.5

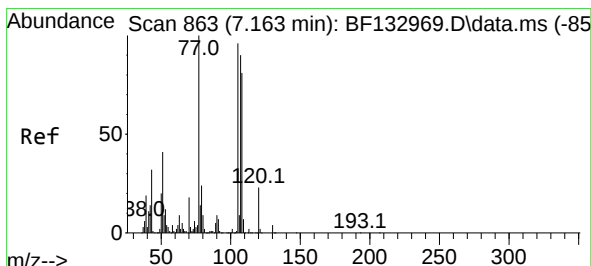
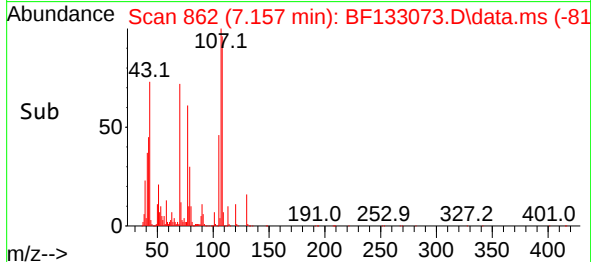
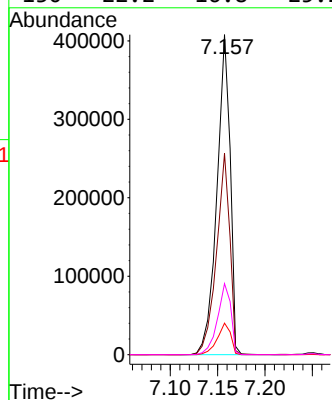
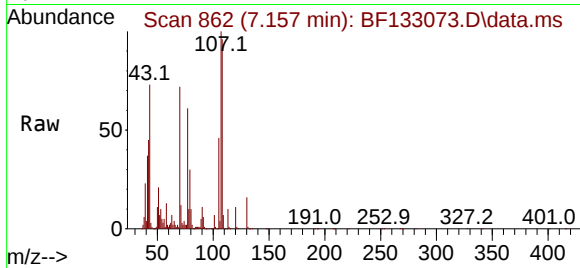




#19
n-Nitroso-di-n-propylamine
Concen: 43.311 ng
RT: 7.157 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

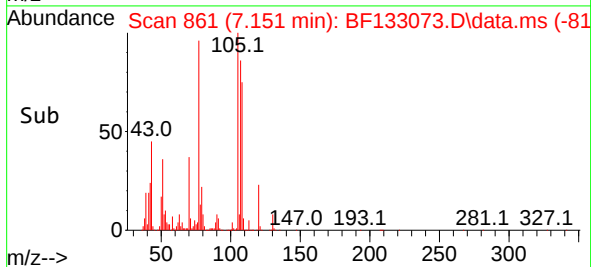
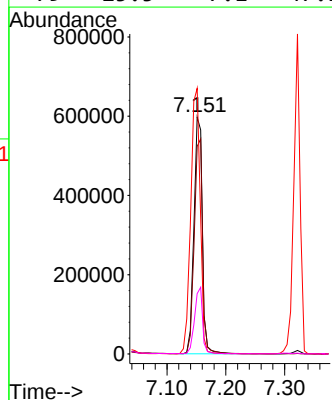
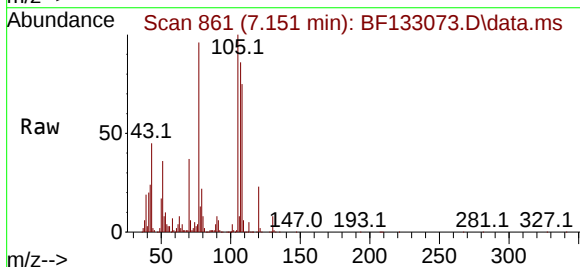
Instrument :
BNA_F
ClientSampleId :
S2S-TP3MS

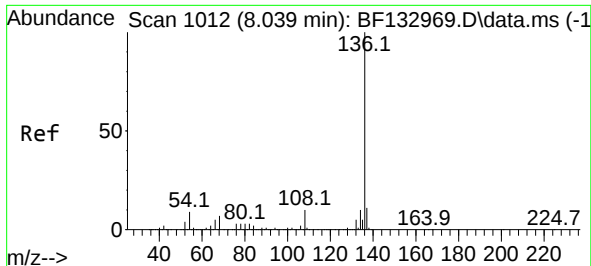
Tgt Ion: 70 Resp: 395486
Ion Ratio Lower Upper
70 100
42 62.9 51.8 77.6
101 9.8 8.0 12.0
130 22.2 16.8 25.2



#20
3+4-Methylphenols
Concen: 45.834 ng
RT: 7.151 min Scan# 861
Delta R.T. 0.000 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

Tgt Ion:107 Resp: 593026
Ion Ratio Lower Upper
107 100
108 87.6 70.5 110.5
77 112.2 91.7 131.7
79 25.5 7.1 47.1



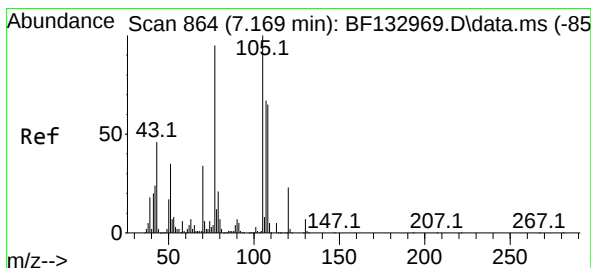
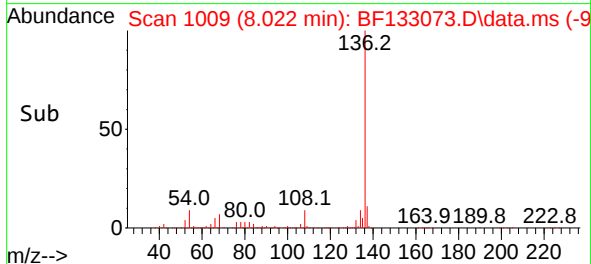
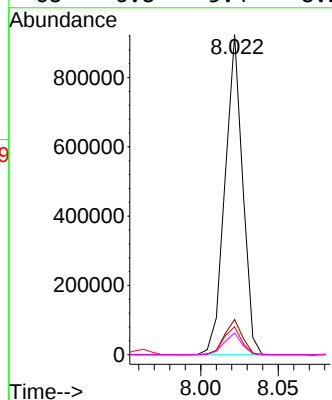
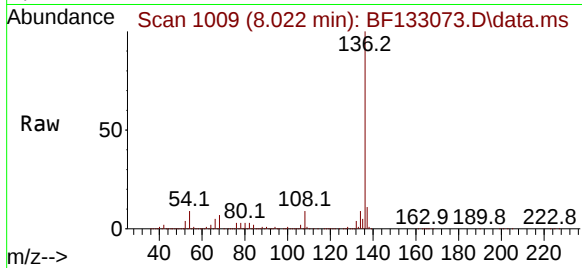


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

Instrument :
BNA_F
ClientSampleId :
S2S-TP3MS

Tgt Ion:136 Resp: 731024

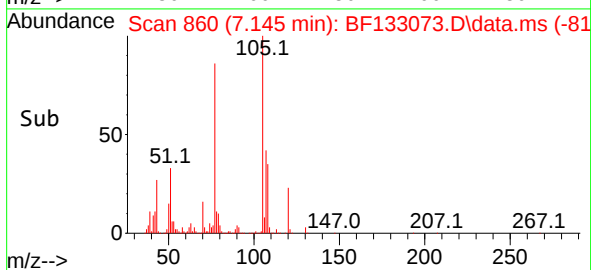
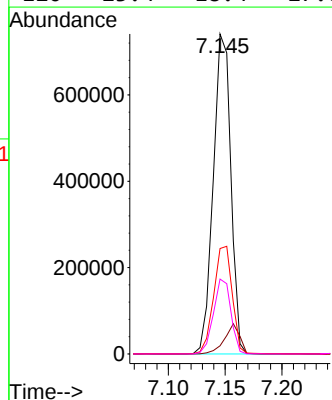
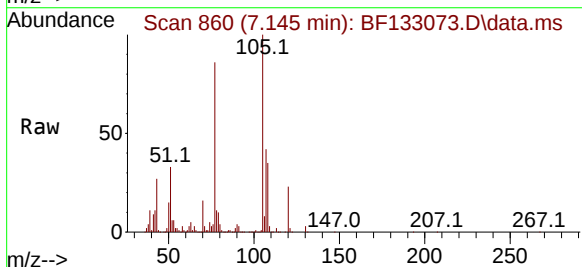
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	8.7	7.0	10.4
68	6.8	5.4	8.2

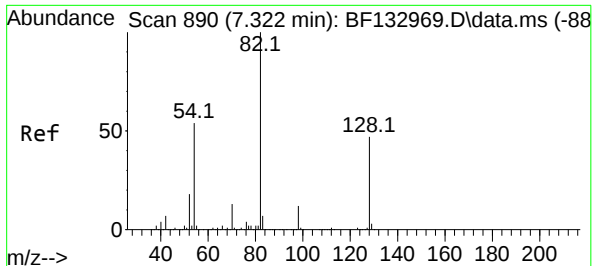


#22
Acetophenone
Concen: 47.090 ng
RT: 7.145 min Scan# 860
Delta R.T. -0.006 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

Tgt Ion:105 Resp: 797426

Ion	Ratio	Lower	Upper
105	100		
71	2.6	4.6	7.0#
51	32.9	28.2	42.2
120	23.4	18.4	27.6





#23

Nitrobenzene-d5

Concen: 70.692 ng

RT: 7.304 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF133073.D

Acq: 26 Apr 2023 19:32

Instrument :

BNA_F

ClientSampleId :

S2S-TP3MS

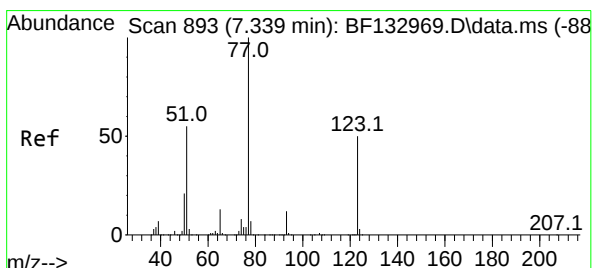
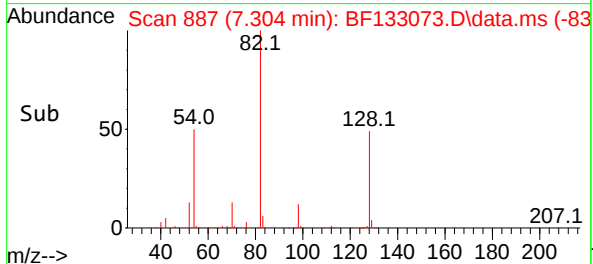
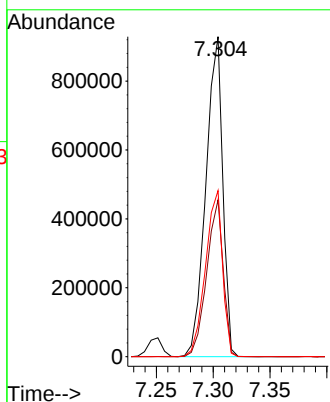
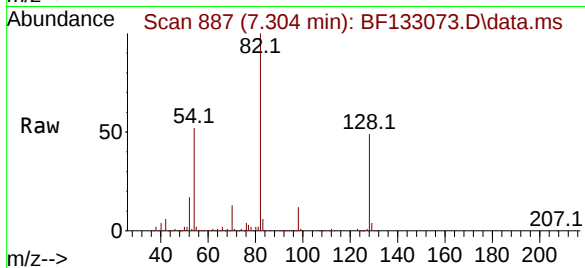
Tgt Ion: 82 Resp: 957396

Ion Ratio Lower Upper

82 100

128 49.0 37.7 56.5

54 51.9 43.0 64.4



#24

Nitrobenzene

Concen: 43.943 ng

RT: 7.322 min Scan# 890

Delta R.T. 0.000 min

Lab File: BF133073.D

Acq: 26 Apr 2023 19:32

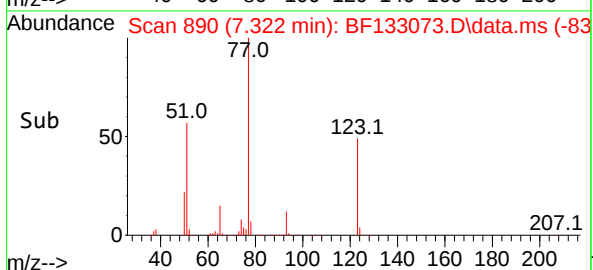
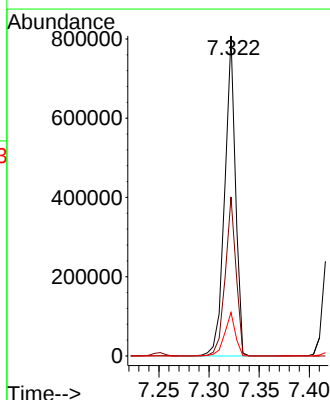
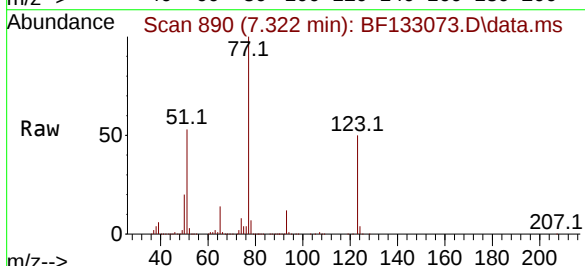
Tgt Ion: 77 Resp: 603066

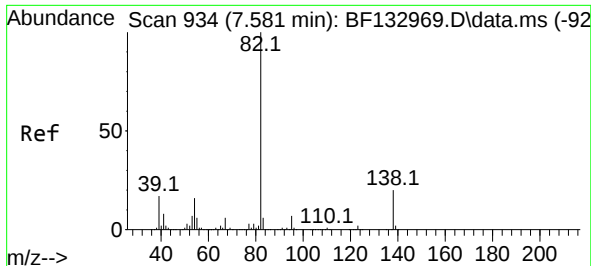
Ion Ratio Lower Upper

77 100

123 49.7 39.9 59.9

65 13.6 10.7 16.1

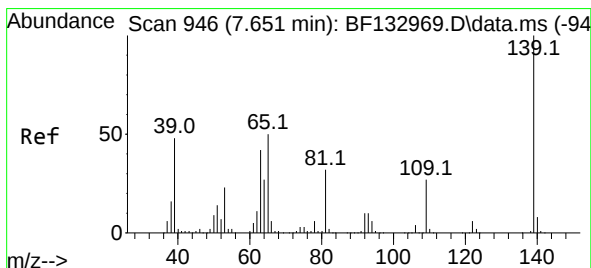
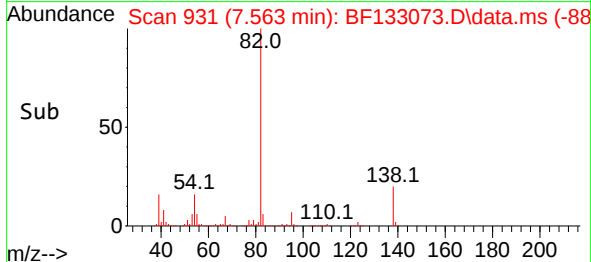
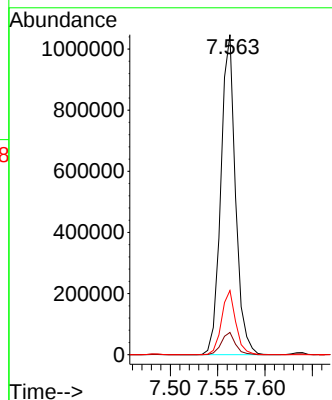
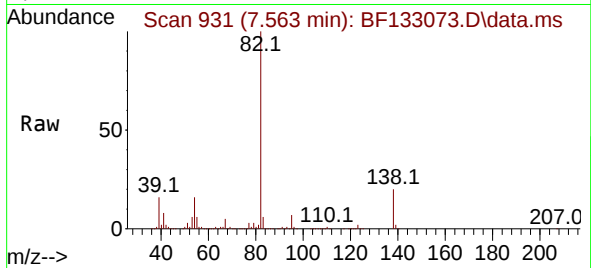




#25
Isophorone
Concen: 43.918 ng
RT: 7.563 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

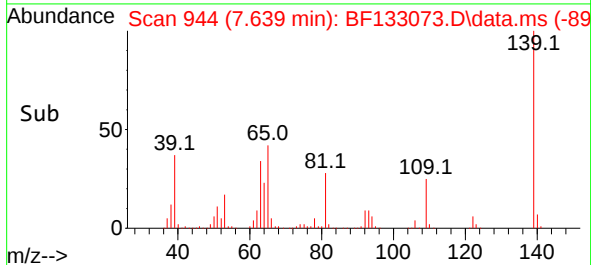
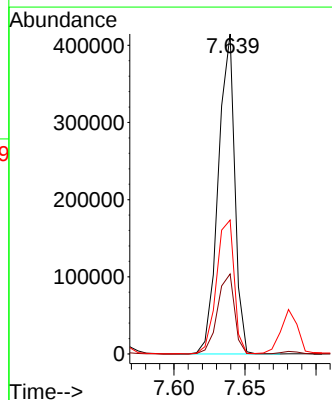
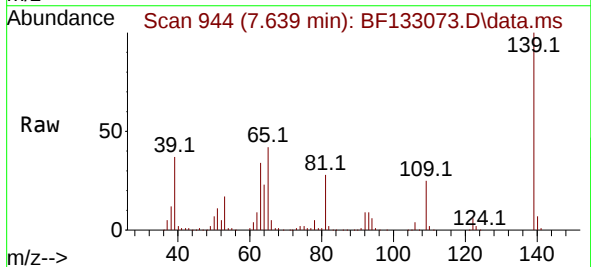
Instrument :
BNA_F
ClientSampleId :
S2S-TP3MS

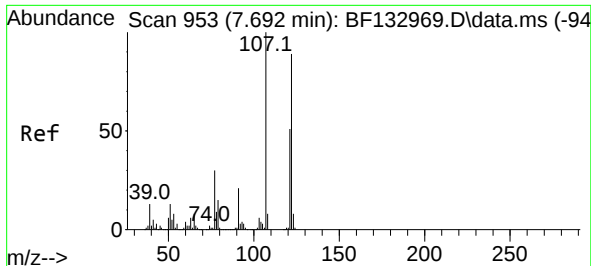
Tgt Ion: 82 Resp: 1129302
Ion Ratio Lower Upper
82 100
95 7.0 5.4 8.0
138 20.1 16.0 24.0



#26
2-Nitrophenol
Concen: 50.534 ng
RT: 7.639 min Scan# 944
Delta R.T. 0.000 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

Tgt Ion:139 Resp: 334505
Ion Ratio Lower Upper
139 100
109 25.0 21.6 32.4
65 41.8 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 48.655 ng

RT: 7.681 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF133073.D

Acq: 26 Apr 2023 19:32

Instrument :

BNA_F

ClientSampleId :

S2S-TP3MS

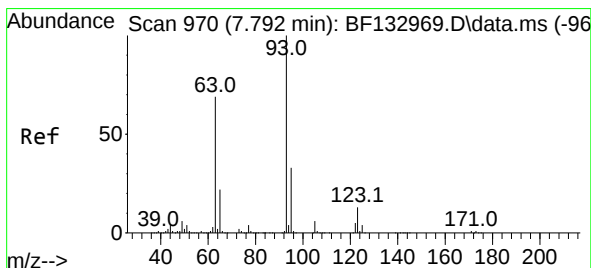
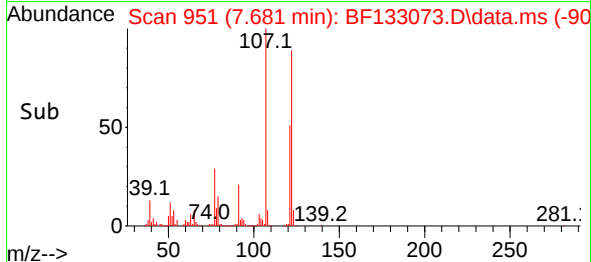
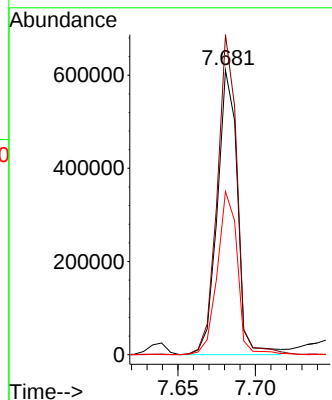
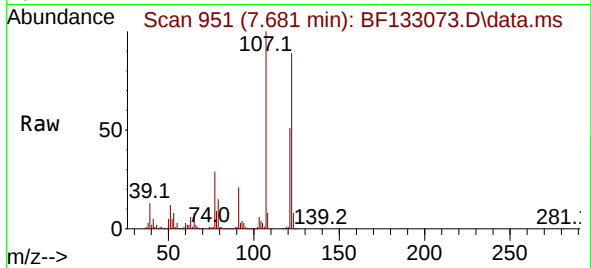
Tgt Ion:122 Resp: 552253

Ion Ratio Lower Upper

122 100

107 112.5 89.7 134.5

121 57.4 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 44.557 ng

RT: 7.775 min Scan# 967

Delta R.T. 0.000 min

Lab File: BF133073.D

Acq: 26 Apr 2023 19:32

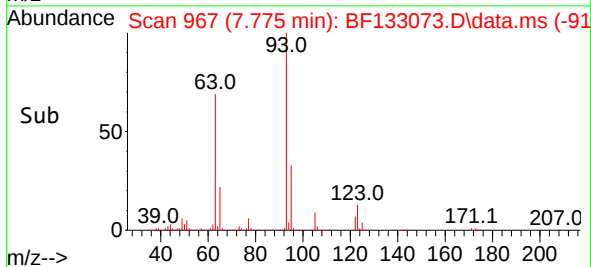
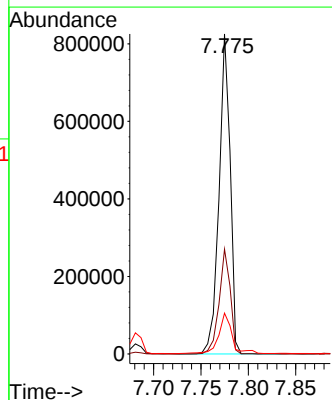
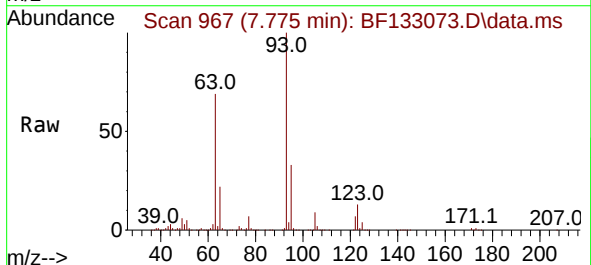
Tgt Ion: 93 Resp: 677805

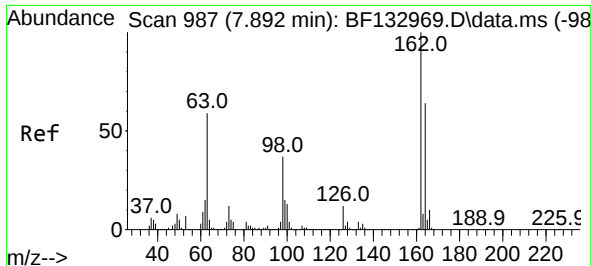
Ion Ratio Lower Upper

93 100

95 32.8 26.4 39.6

123 12.7 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 47.841 ng

RT: 7.881 min Scan# 999

Delta R.T. 0.000 min

Lab File: BF133073.D

Acq: 26 Apr 2023 19:32

Instrument :

BNA_F

ClientSampleId :

S2S-TP3MS

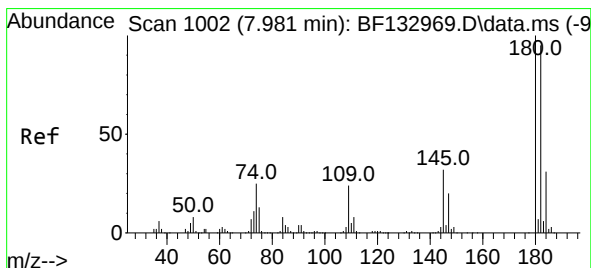
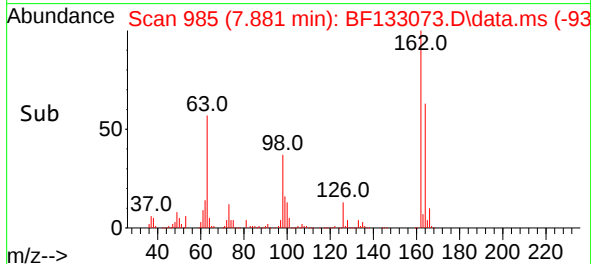
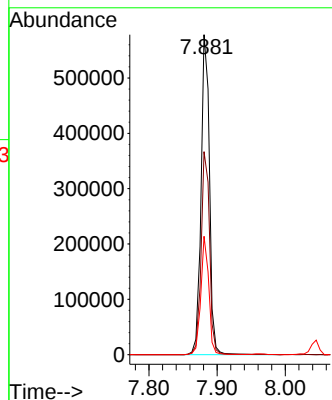
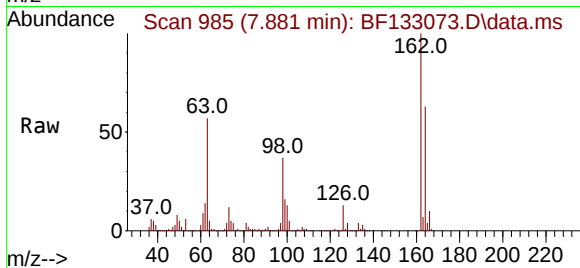
Tgt Ion:162 Resp: 494329

Ion Ratio Lower Upper

162 100

164 63.5 43.9 83.9

98 37.0 17.0 57.0



#30

1,2,4-Trichlorobenzene

Concen: 48.244 ng

RT: 7.963 min Scan# 999

Delta R.T. 0.000 min

Lab File: BF133073.D

Acq: 26 Apr 2023 19:32

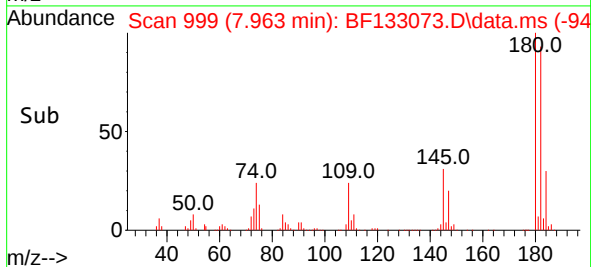
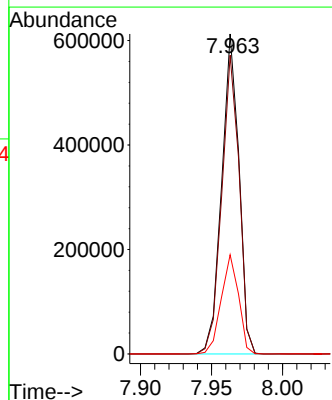
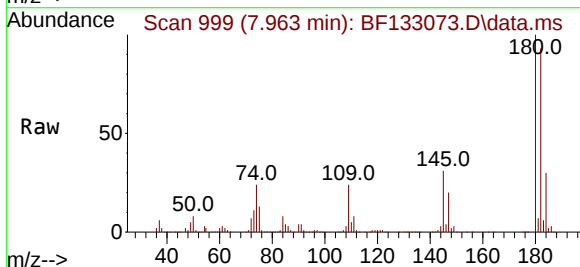
Tgt Ion:180 Resp: 516432

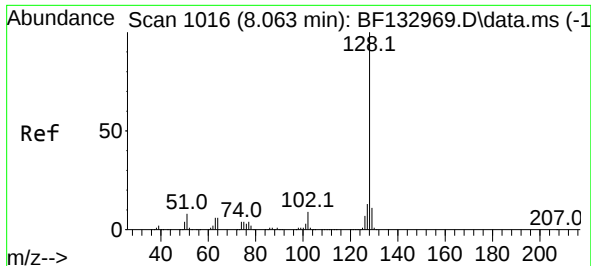
Ion Ratio Lower Upper

180 100

182 93.3 75.9 113.9

145 31.0 25.3 37.9

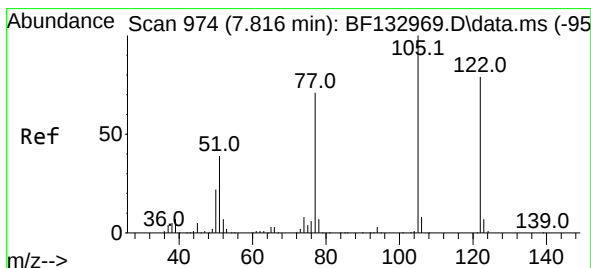
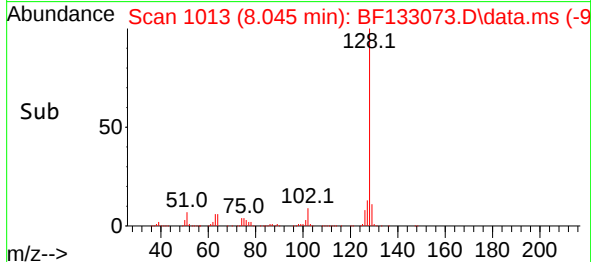
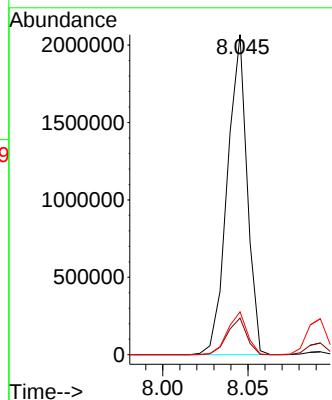
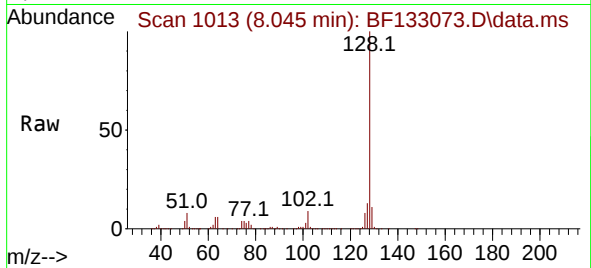




#31
Naphthalene
Concen: 45.689 ng
RT: 8.045 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

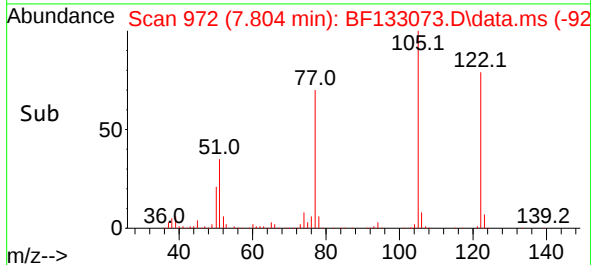
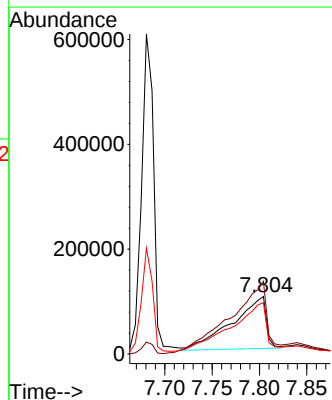
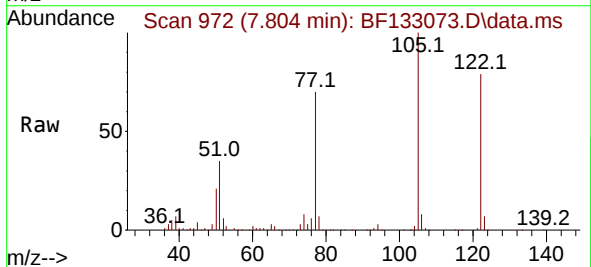
Instrument :
BNA_F
ClientSampleId :
S2S-TP3MS

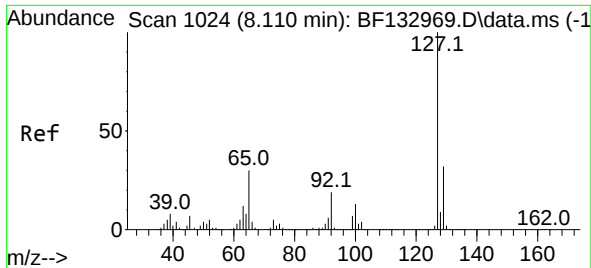
Tgt Ion:128 Resp: 1669896
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 35.882 ng
RT: 7.804 min Scan# 972
Delta R.T. 0.006 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

Tgt Ion:122 Resp: 251569
Ion Ratio Lower Upper
122 100
105 126.4 104.2 144.2
77 89.0 69.7 109.7

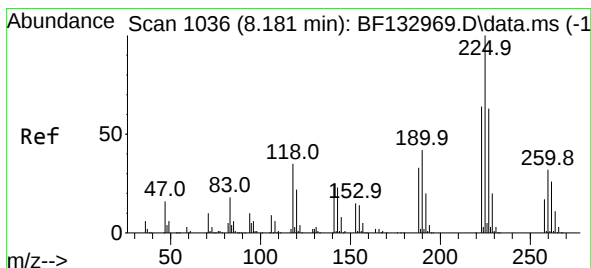
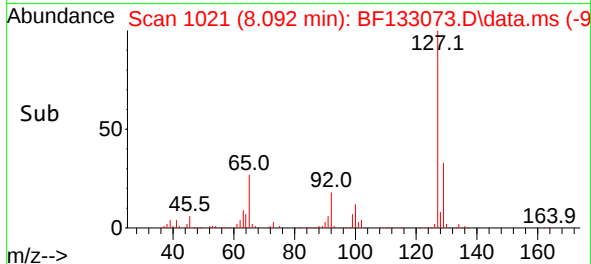
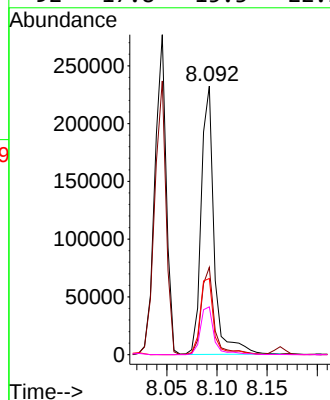
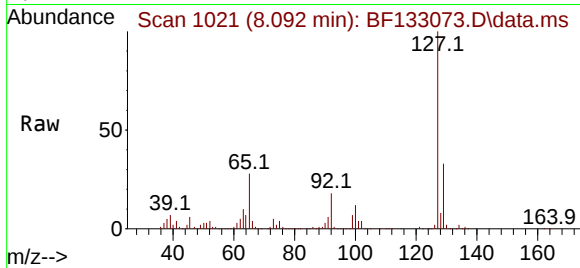




#33
4-Chloroaniline
Concen: 14.170 ng
RT: 8.092 min Scan# 1024
Delta R.T. 0.000 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

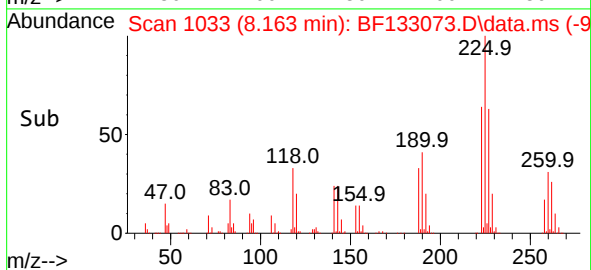
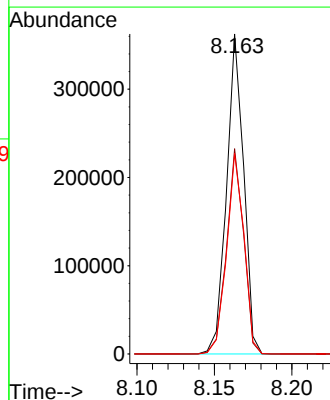
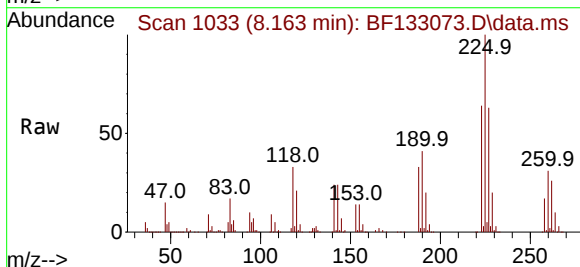
Instrument :
BNA_F
ClientSampleId :
S2S-TP3MS

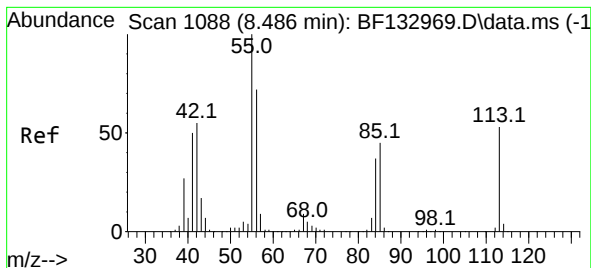
Tgt Ion:127	Resp:	209248
Ion Ratio	Lower	Upper
127	100	
129	32.5	25.8 38.8
65	28.4	23.6 35.4
92	17.8	15.3 22.9



#34
Hexachlorobutadiene
Concen: 46.817 ng
RT: 8.163 min Scan# 1033
Delta R.T. 0.000 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

Tgt Ion:225	Resp:	277766
Ion Ratio	Lower	Upper
225	100	
223	64.1	50.9 76.3
227	62.6	50.3 75.5





#35

Caprolactam

Concen: 35.495 ng

RT: 8.469 min Scan# 1104

Delta R.T. 0.000 min

Lab File: BF133073.D

Acq: 26 Apr 2023 19:32

Instrument :

BNA_F

ClientSampleId :

S2S-TP3MS

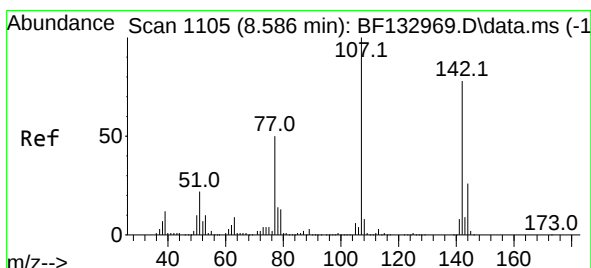
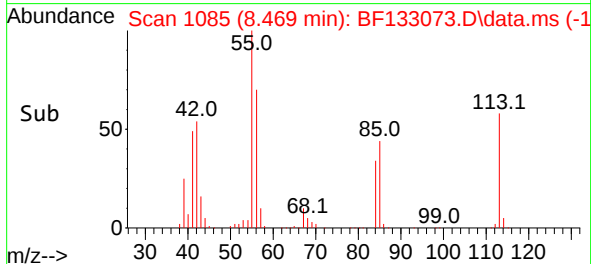
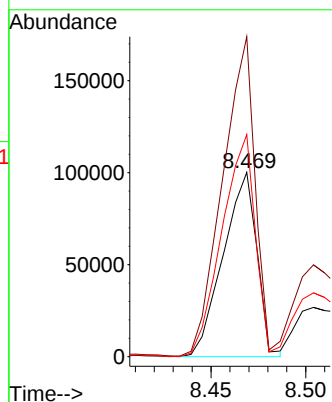
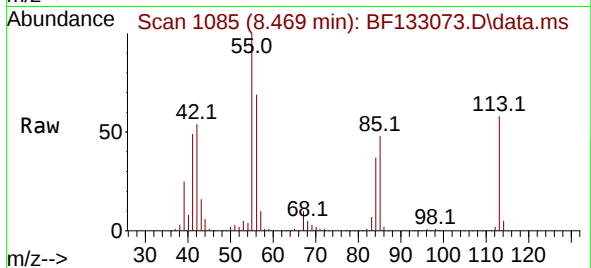
Tgt Ion:113 Resp: 123209

Ion Ratio Lower Upper

113 100

55 173.7 167.1 207.1

56 120.6 114.5 154.5



#36

4-Chloro-3-methylphenol

Concen: 48.996 ng

RT: 8.581 min Scan# 1104

Delta R.T. 0.006 min

Lab File: BF133073.D

Acq: 26 Apr 2023 19:32

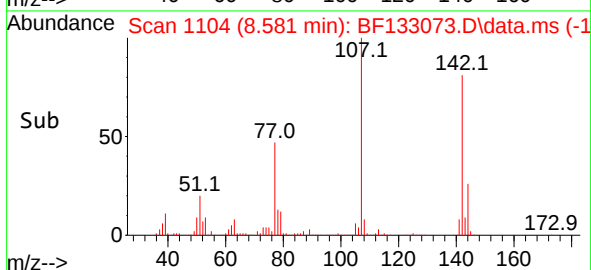
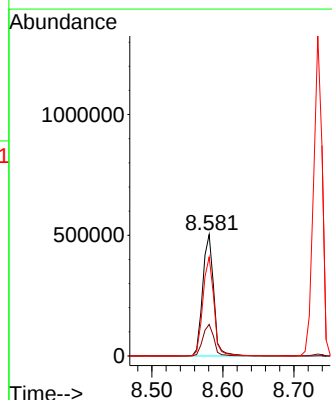
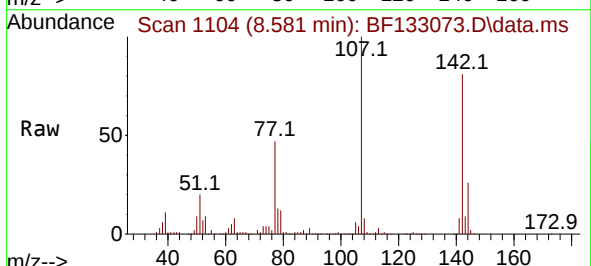
Tgt Ion:107 Resp: 545947

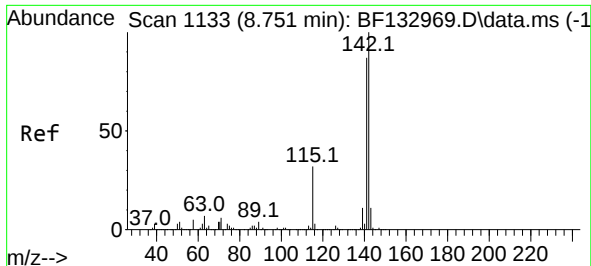
Ion Ratio Lower Upper

107 100

144 25.9 20.6 30.8

142 81.4 62.8 94.2





#37

2-Methylnaphthalene

Concen: 44.903 ng

RT: 8.734 min Scan# 1130

Delta R.T. 0.000 min

Lab File: BF133073.D

Acq: 26 Apr 2023 19:32

Instrument :

BNA_F

ClientSampleId :

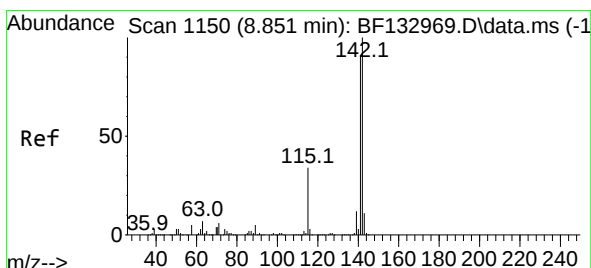
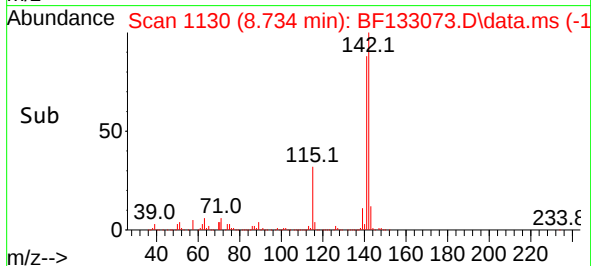
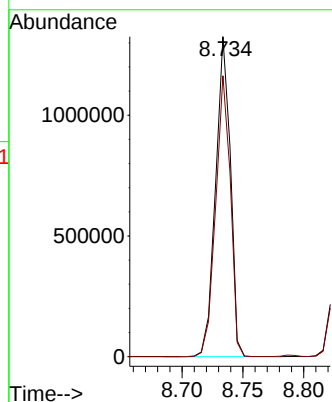
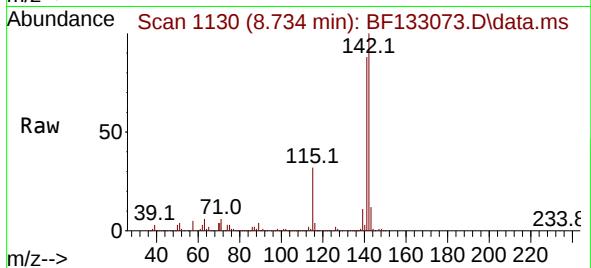
S2S-TP3MS

Tgt Ion:142 Resp: 1122028

Ion Ratio Lower Upper

142 100

141 87.8 69.4 104.0



#38

1-Methylnaphthalene

Concen: 44.364 ng

RT: 8.834 min Scan# 1147

Delta R.T. 0.000 min

Lab File: BF133073.D

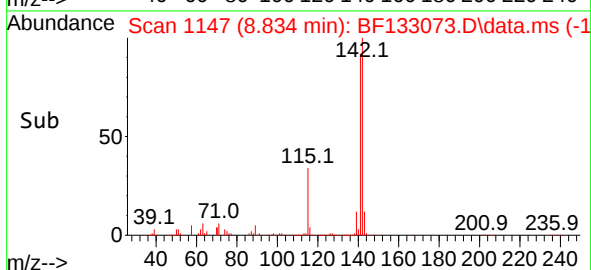
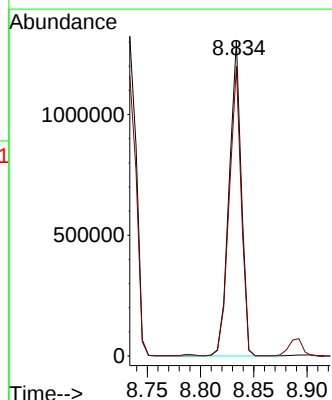
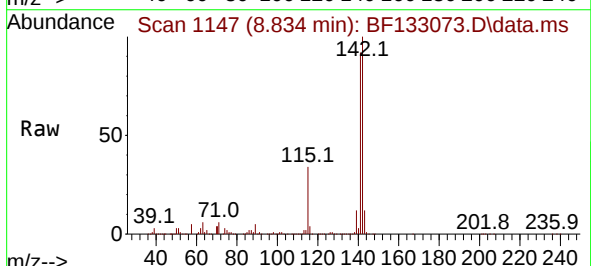
Acq: 26 Apr 2023 19:32

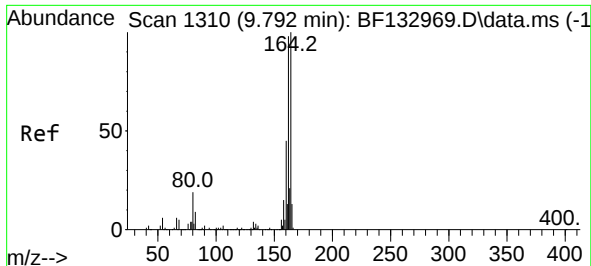
Tgt Ion:142 Resp: 1037023

Ion Ratio Lower Upper

142 100

141 91.7 73.1 109.7

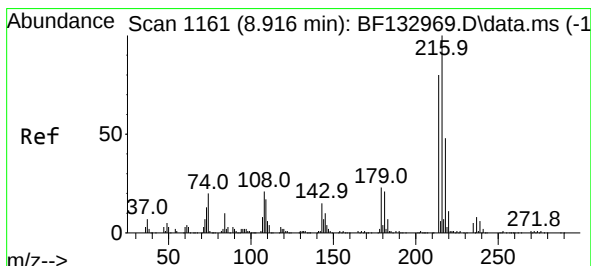
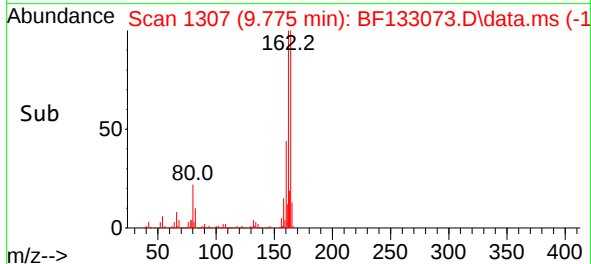
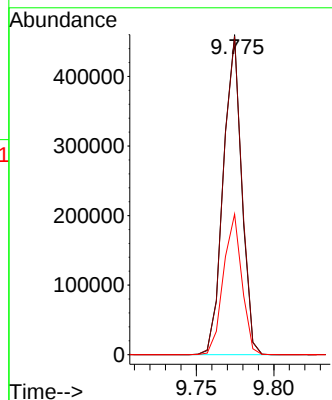
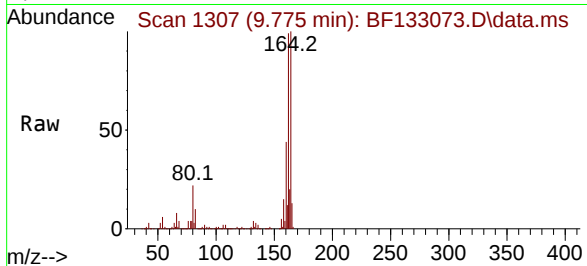




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

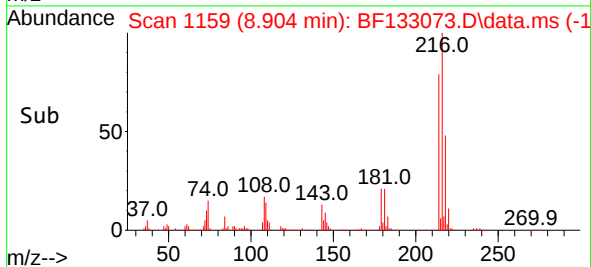
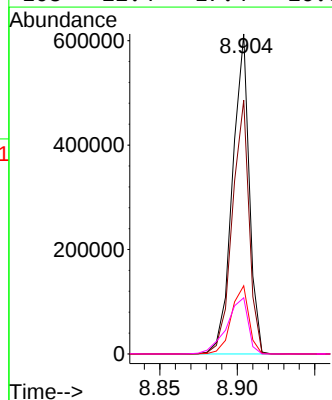
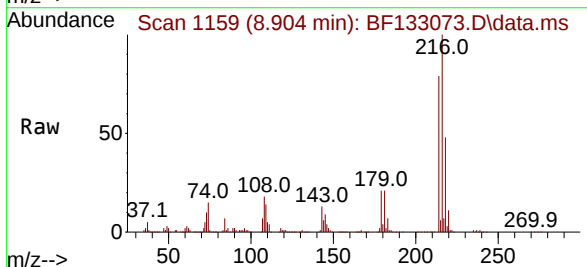
Instrument :
BNA_F
ClientSampleId :
S2S-TP3MS

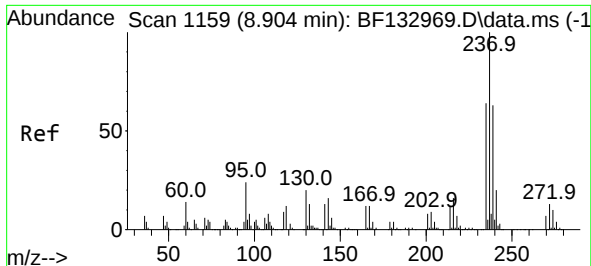
Tgt Ion:164 Resp: 377777
Ion Ratio Lower Upper
164 100
162 99.5 78.7 118.1
160 43.9 35.8 53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.531 ng
RT: 8.904 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

Tgt Ion:216 Resp: 462478
Ion Ratio Lower Upper
216 100
214 79.1 63.5 95.3
179 22.1 17.4 26.2
108 22.4 17.4 26.0

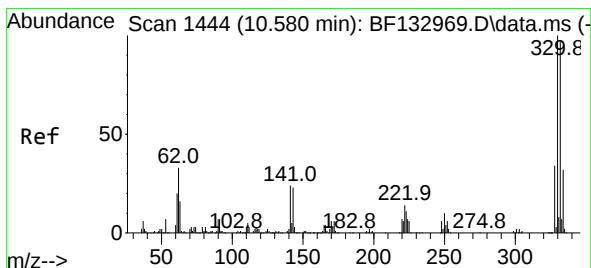
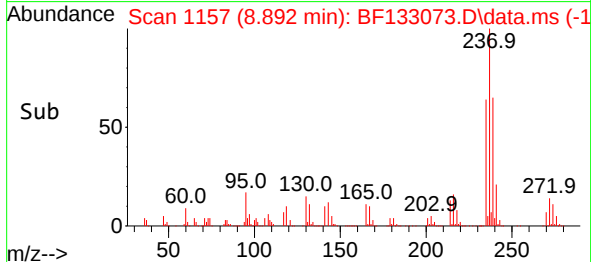
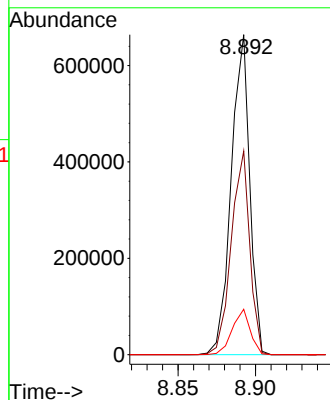
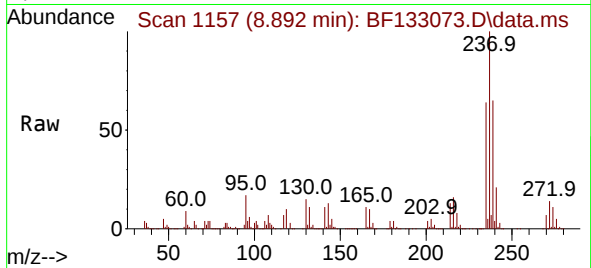




#41
Hexachlorocyclopentadiene
Concen: 93.116 ng
RT: 8.892 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

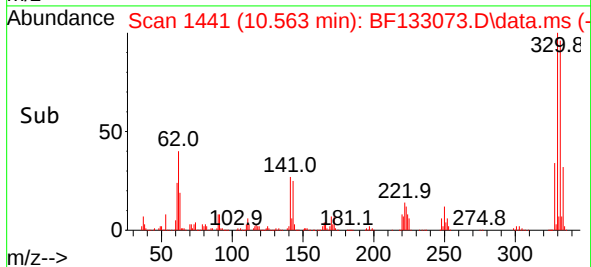
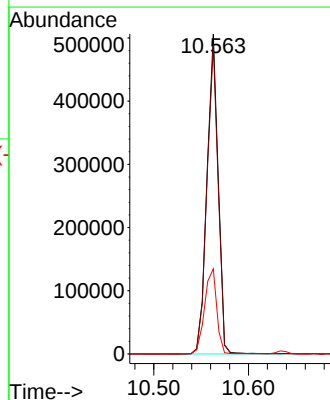
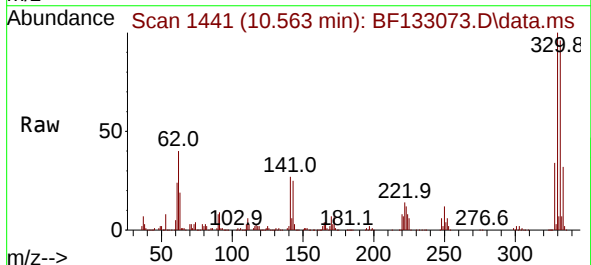
Instrument :
BNA_F
ClientSampleId :
S2S-TP3MS

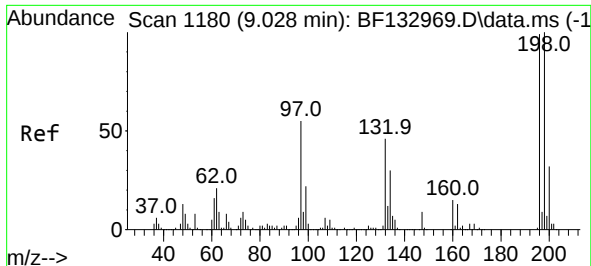
Tgt Ion:237 Resp: 551599
Ion Ratio Lower Upper
237 100
235 63.6 43.5 83.5
272 14.2 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 109.631 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

Tgt Ion:330 Resp: 416516
Ion Ratio Lower Upper
330 100
332 96.8 77.1 115.7
141 29.0 25.8 38.8

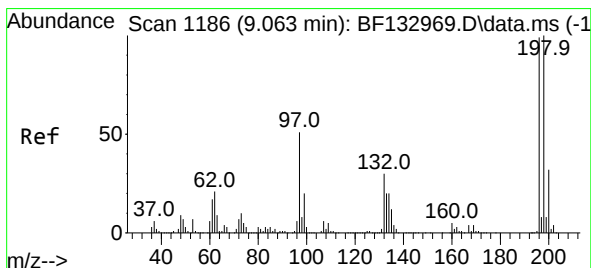
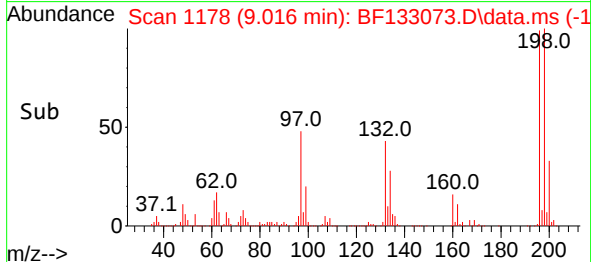
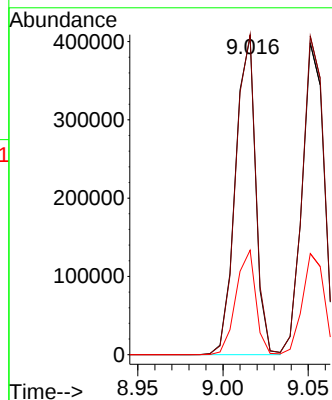
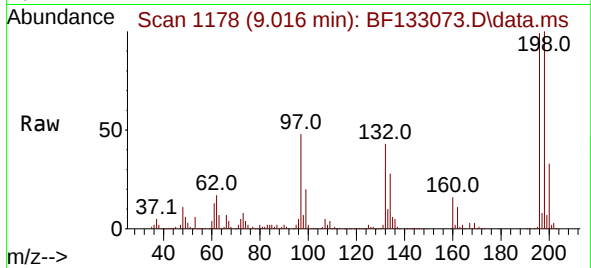




#43
2,4,6-Trichlorophenol
Concen: 47.823 ng
RT: 9.016 min Scan# 1178
Delta R.T. 0.006 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

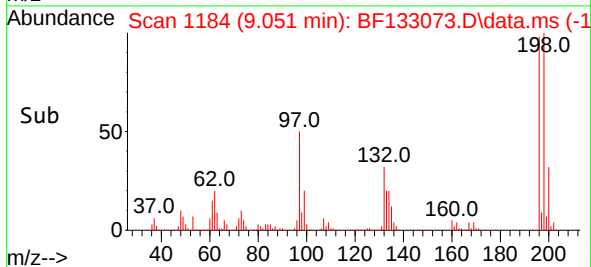
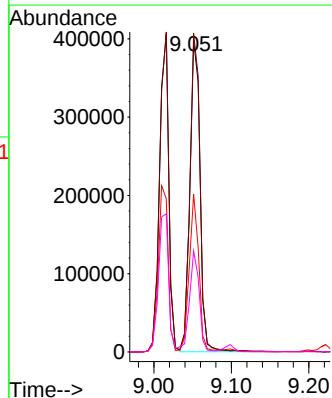
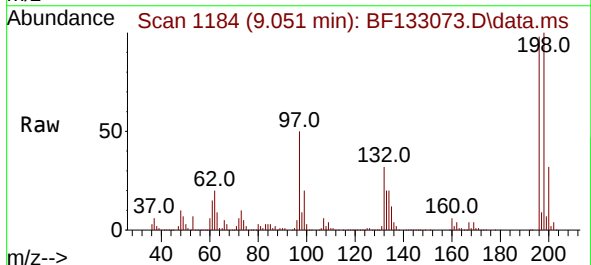
Instrument :
BNA_F
ClientSampleId :
S2S-TP3MS

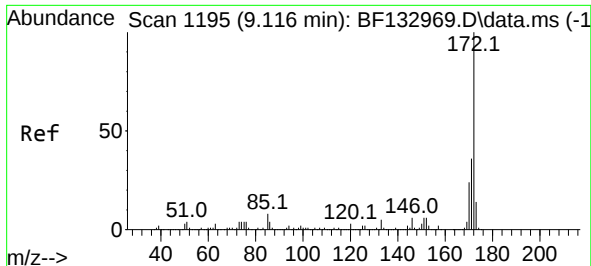
Tgt Ion:196 Resp: 335933
Ion Ratio Lower Upper
196 100
198 100.7 81.0 121.6
200 32.9 26.1 39.1



#44
2,4,5-Trichlorophenol
Concen: 44.756 ng
RT: 9.051 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

Tgt Ion:196 Resp: 363603
Ion Ratio Lower Upper
196 100
198 102.2 80.9 121.3
97 50.6 41.3 61.9
132 32.4 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 72.951 ng

RT: 9.098 min Scan# 1195

Delta R.T. 0.000 min

Lab File: BF133073.D

Acq: 26 Apr 2023 19:32

Instrument :

BNA_F

ClientSampleId :

S2S-TP3MS

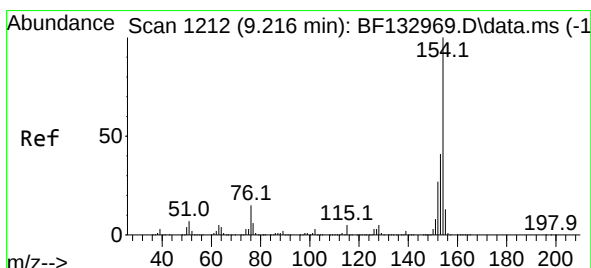
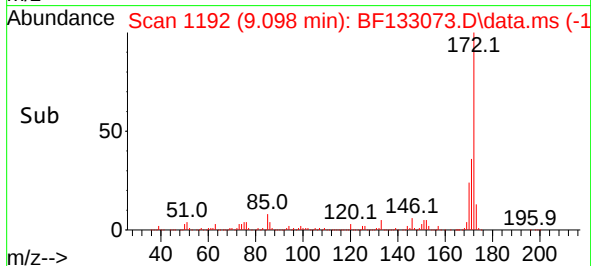
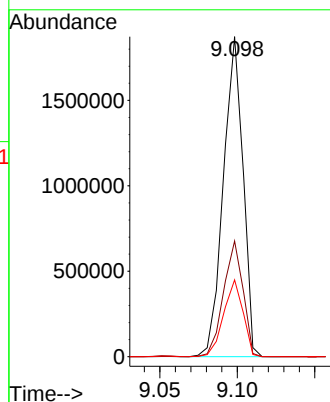
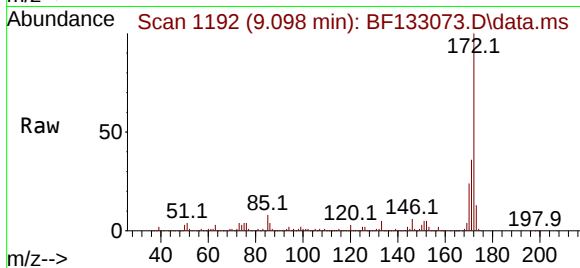
Tgt Ion:172 Resp: 1647297

Ion Ratio Lower Upper

172 100

171 36.1 28.8 43.2

170 24.0 19.4 29.2



#46

1,1'-Biphenyl

Concen: 45.821 ng

RT: 9.198 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BF133073.D

Acq: 26 Apr 2023 19:32

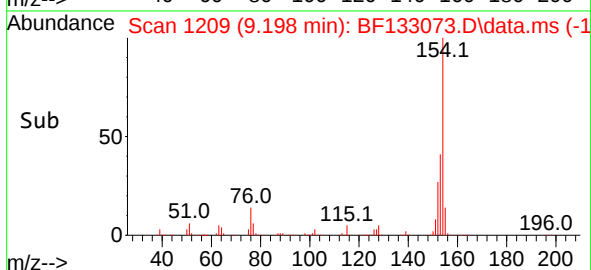
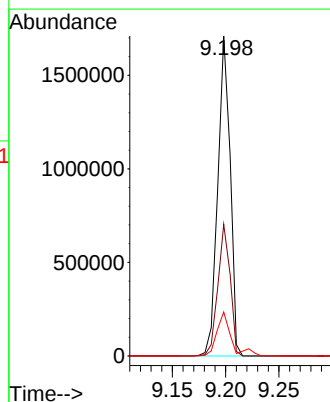
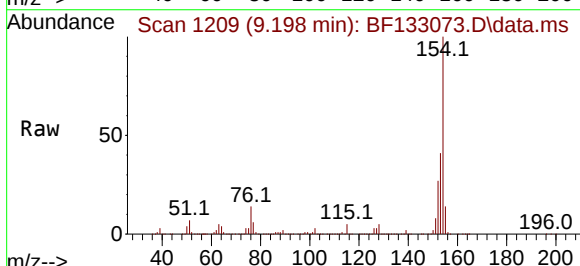
Tgt Ion:154 Resp: 1372610

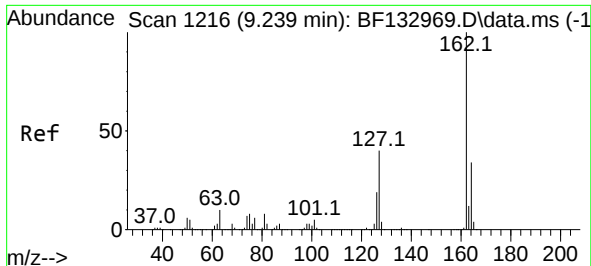
Ion Ratio Lower Upper

154 100

153 41.2 21.0 61.0

76 13.7 0.0 34.5





#47

2-Chloronaphthalene

Concen: 46.989 ng

RT: 9.222 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133073.D

Acq: 26 Apr 2023 19:32

Instrument :

BNA_F

ClientSampleId :

S2S-TP3MS

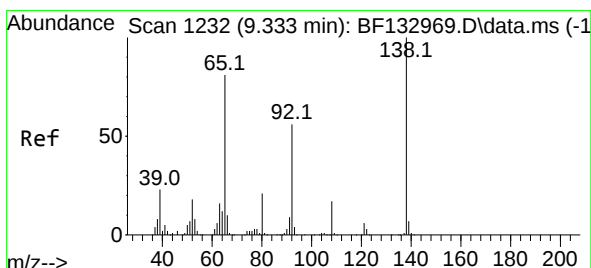
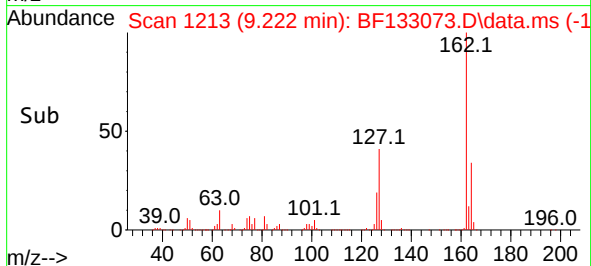
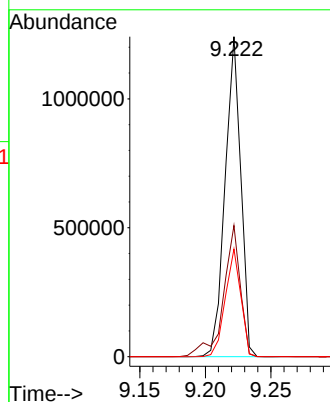
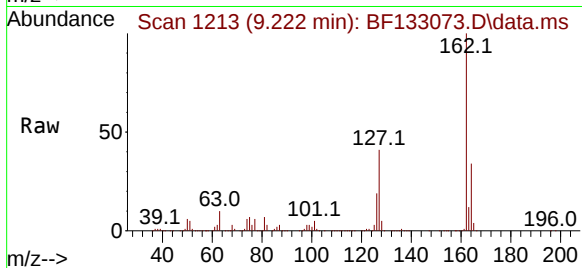
Tgt Ion:162 Resp: 1030264

Ion Ratio Lower Upper

162 100

127 41.0 32.3 48.5

164 33.6 26.8 40.2



#48

2-Nitroaniline

Concen: 46.515 ng

RT: 9.316 min Scan# 1229

Delta R.T. 0.000 min

Lab File: BF133073.D

Acq: 26 Apr 2023 19:32

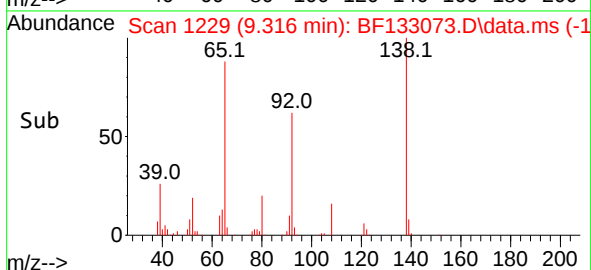
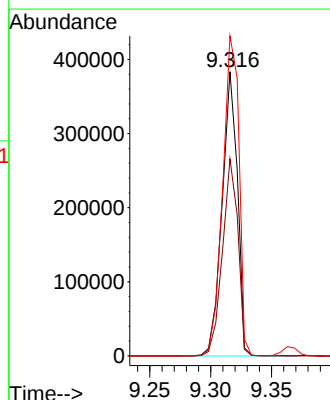
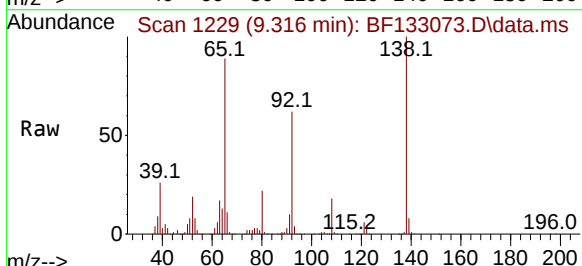
Tgt Ion: 65 Resp: 337068

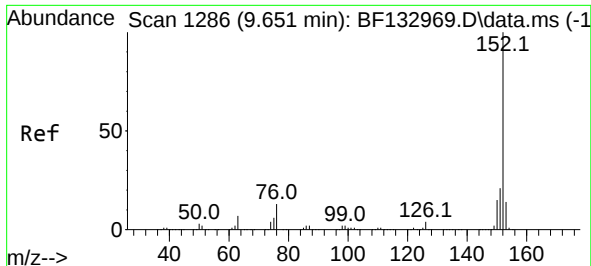
Ion Ratio Lower Upper

65 100

92 69.3 55.4 83.0

138 112.5 98.2 147.2

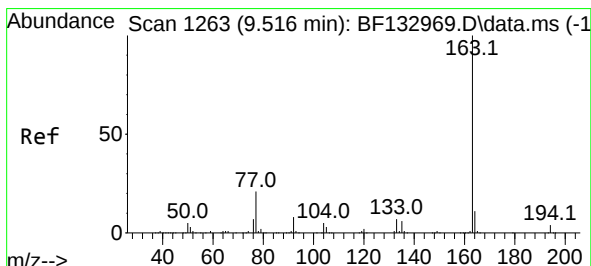
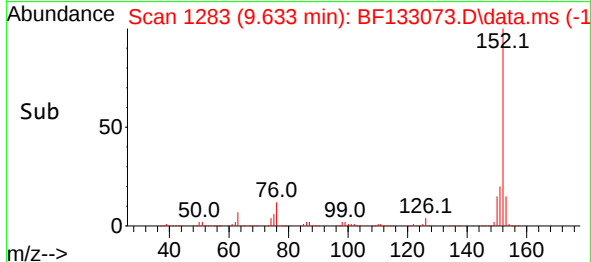
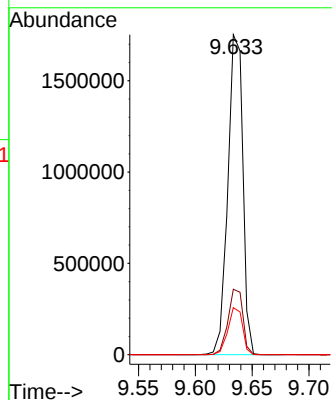
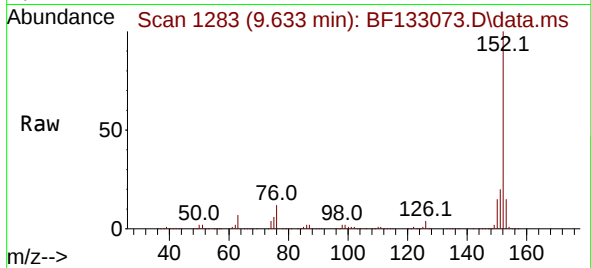




#49
Acenaphthylene
Concen: 46.032 ng
RT: 9.633 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

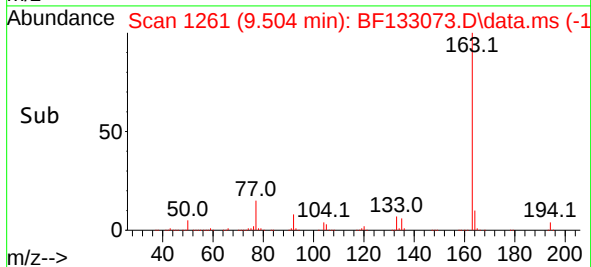
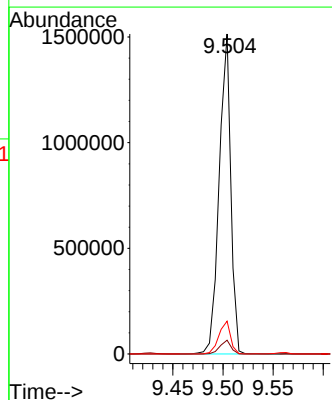
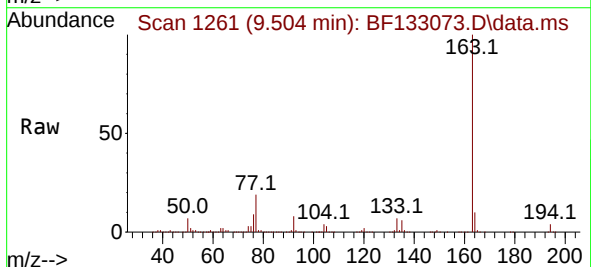
Instrument :
BNA_F
ClientSampleId :
S2S-TP3MS

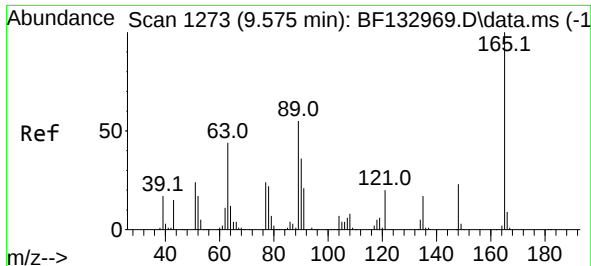
Tgt Ion:152 Resp: 1612698
Ion Ratio Lower Upper
152 100
151 20.5 16.6 24.8
153 14.7 11.5 17.3



#50
Dimethylphthalate
Concen: 46.177 ng
RT: 9.504 min Scan# 1261
Delta R.T. 0.000 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

Tgt Ion:163 Resp: 1216370
Ion Ratio Lower Upper
163 100
194 4.3 3.1 4.7
164 10.2 8.5 12.7

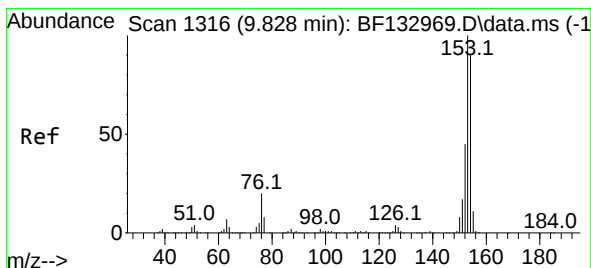
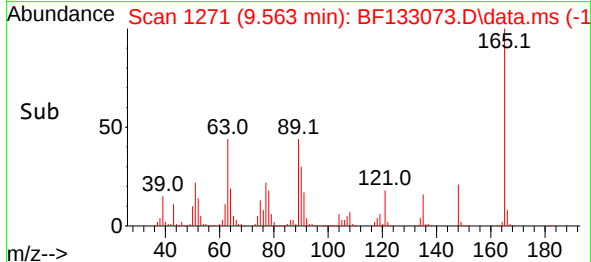
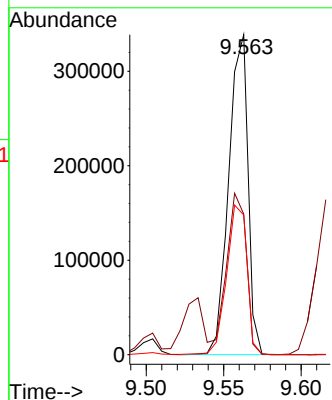
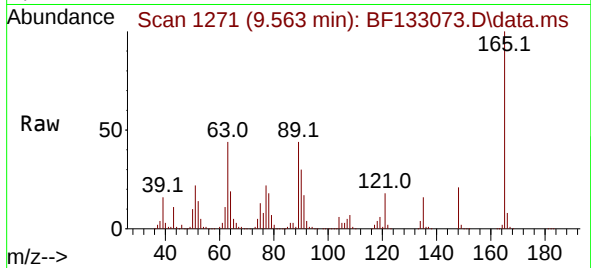




#51
2,6-Dinitrotoluene
Concen: 49.457 ng
RT: 9.563 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

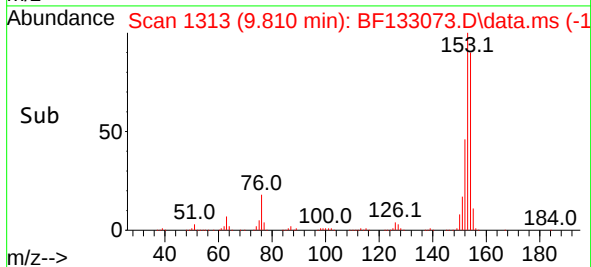
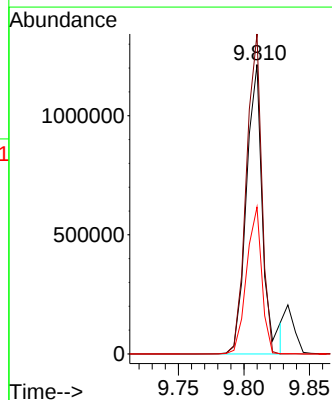
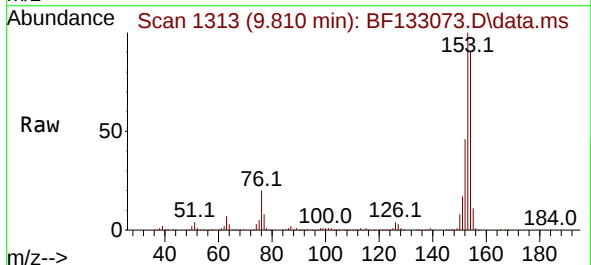
Instrument :
BNA_F
ClientSampleId :
S2S-TP3MS

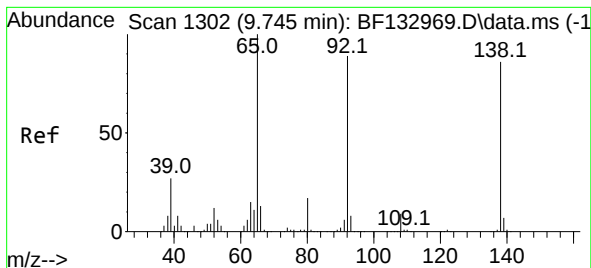
Tgt Ion:165 Resp: 293222
Ion Ratio Lower Upper
165 100
63 44.0 45.9 68.9#
89 43.7 44.0 66.0#



#52
Acenaphthene
Concen: 44.930 ng
RT: 9.810 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

Tgt Ion:154 Resp: 1054254
Ion Ratio Lower Upper
154 100
153 110.6 89.0 133.6
152 50.7 40.4 60.6





#53

3-Nitroaniline

Concen: 29.751 ng

RT: 9.728 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133073.D

Acq: 26 Apr 2023 19:32

Instrument :

BNA_F

ClientSampleId :

S2S-TP3MS

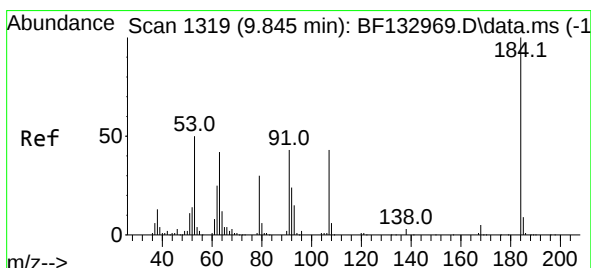
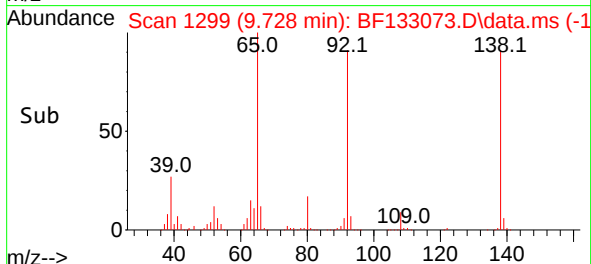
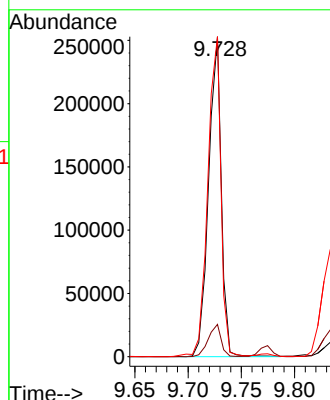
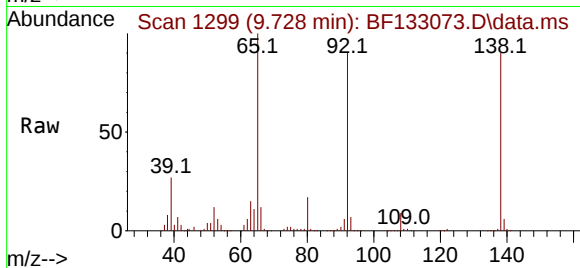
Tgt Ion:138 Resp: 209729

Ion Ratio Lower Upper

138 100

108 10.1 8.0 12.0

92 100.0 83.6 125.4



#54

2,4-Dinitrophenol

Concen: 103.351 ng

RT: 9.833 min Scan# 1317

Delta R.T. 0.006 min

Lab File: BF133073.D

Acq: 26 Apr 2023 19:32

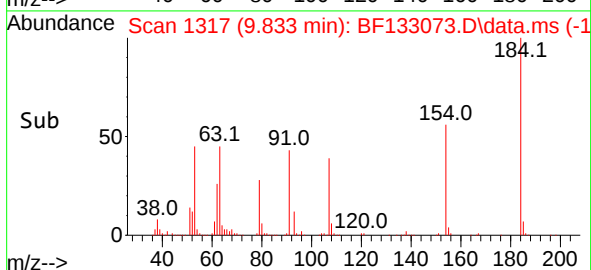
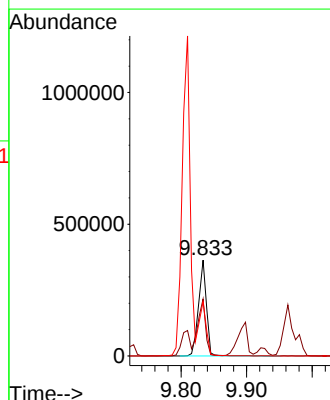
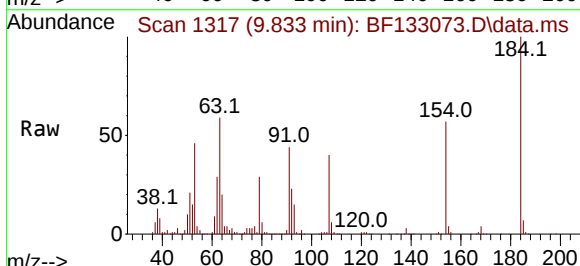
Tgt Ion:184 Resp: 307997

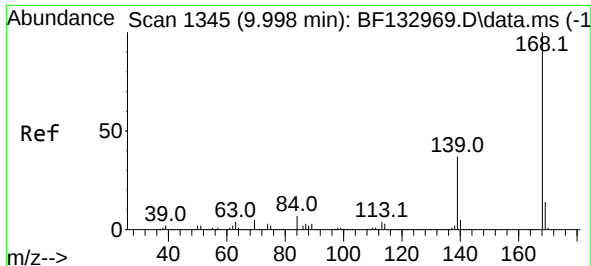
Ion Ratio Lower Upper

184 100

63 59.4 49.8 74.8

154 56.6 49.5 74.3





#55

Dibenzofuran

Concen: 45.835 ng

RT: 9.981 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133073.D

Acq: 26 Apr 2023 19:32

Instrument :

BNA_F

ClientSampleId :

S2S-TP3MS

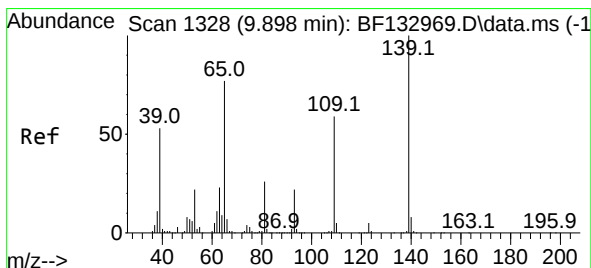
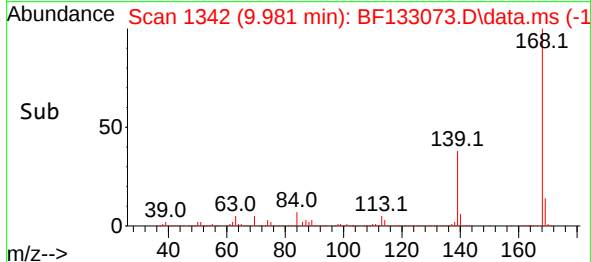
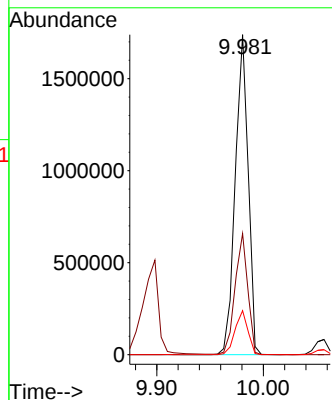
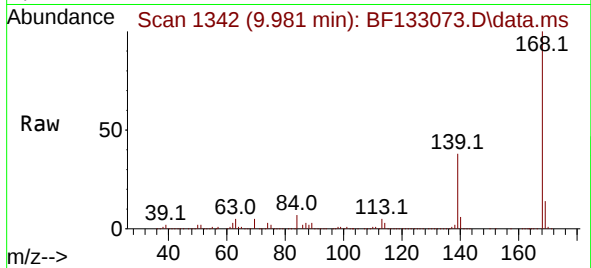
Tgt Ion:168 Resp: 1467058

Ion Ratio Lower Upper

168 100

139 37.9 29.8 44.8

169 13.7 10.8 16.2



#56

4-Nitrophenol

Concen: 96.318 ng

RT: 9.898 min Scan# 1328

Delta R.T. 0.012 min

Lab File: BF133073.D

Acq: 26 Apr 2023 19:32

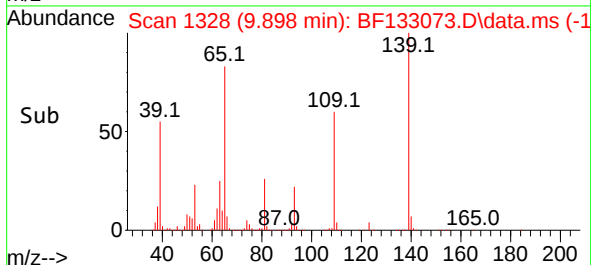
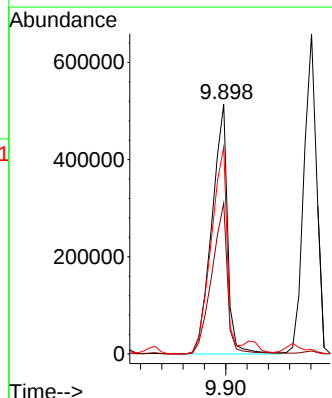
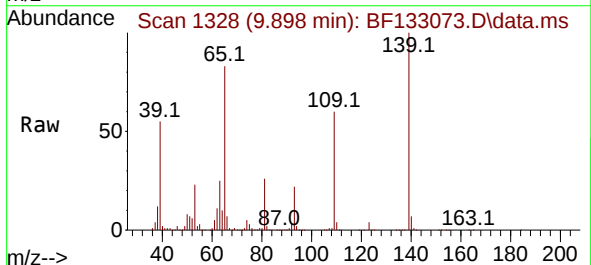
Tgt Ion:139 Resp: 525895

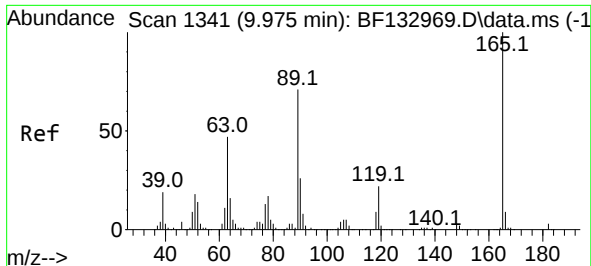
Ion Ratio Lower Upper

139 100

109 60.5 39.4 79.4

65 82.9 57.5 97.5





#57

2,4-Dinitrotoluene

Concen: 50.854 ng

RT: 9.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133073.D

Acq: 26 Apr 2023 19:32

Instrument :

BNA_F

ClientSampleId :

S2S-TP3MS

Tgt Ion:165 Resp: 384499

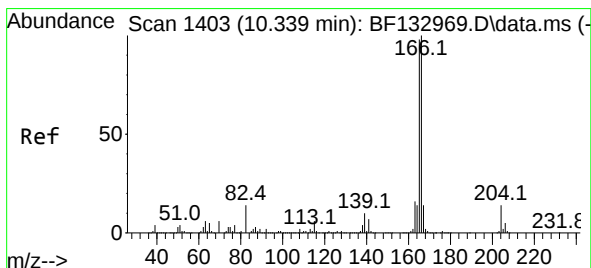
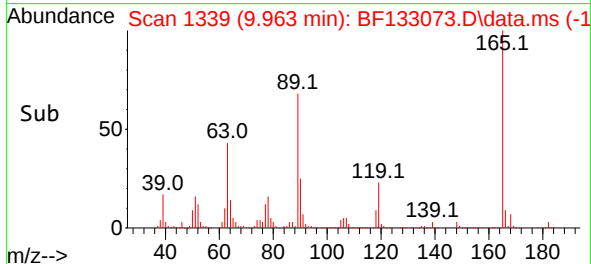
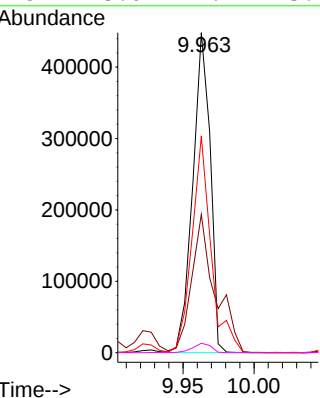
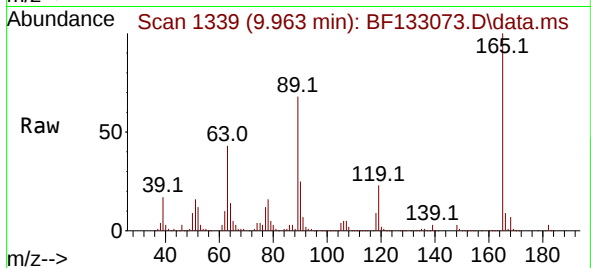
Ion Ratio Lower Upper

165 100

63 43.2 37.7 56.5

89 67.7 57.0 85.4

182 3.0 2.1 3.1



#58

Fluorene

Concen: 46.236 ng

RT: 10.322 min Scan# 1400

Delta R.T. 0.000 min

Lab File: BF133073.D

Acq: 26 Apr 2023 19:32

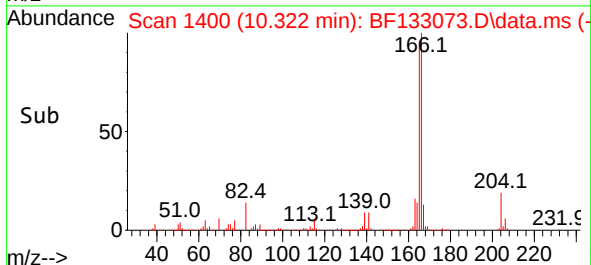
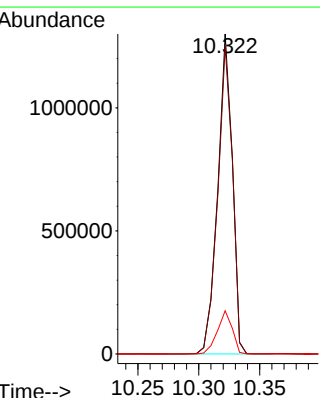
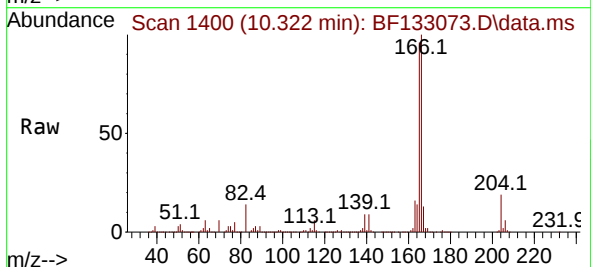
Tgt Ion:166 Resp: 1084238

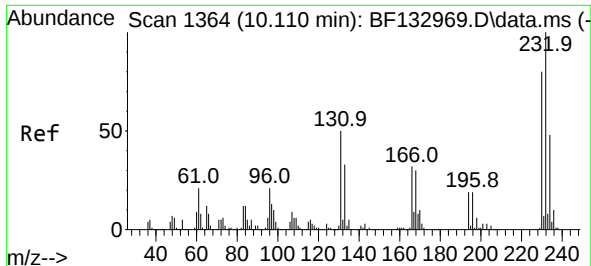
Ion Ratio Lower Upper

166 100

165 96.1 78.6 117.8

167 13.5 11.0 16.4

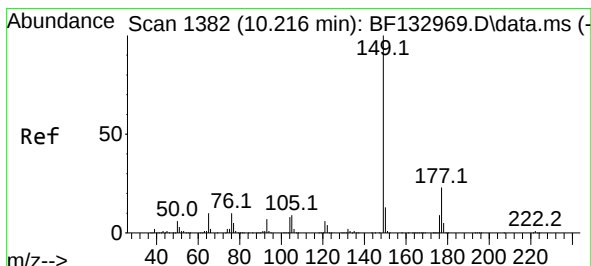
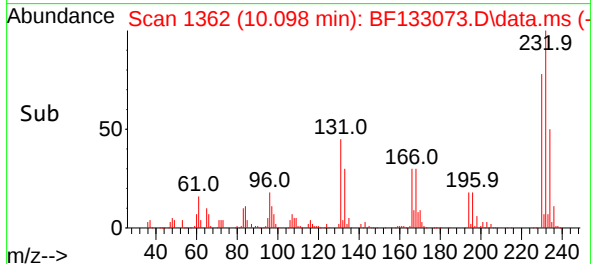
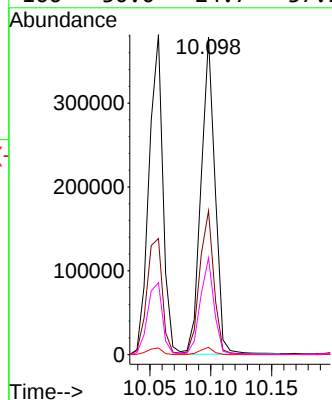
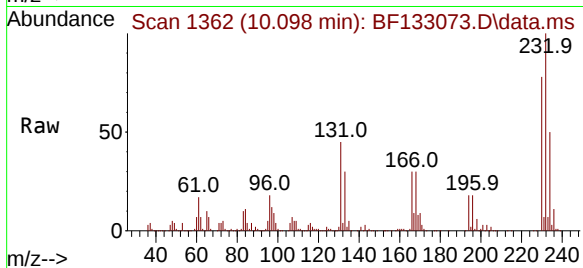




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.759 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

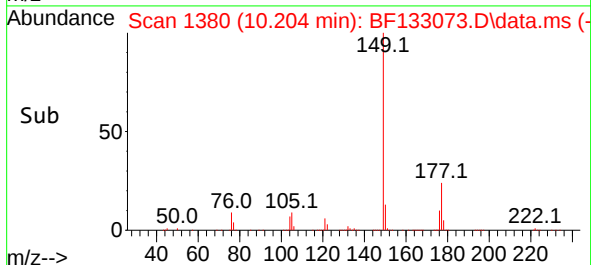
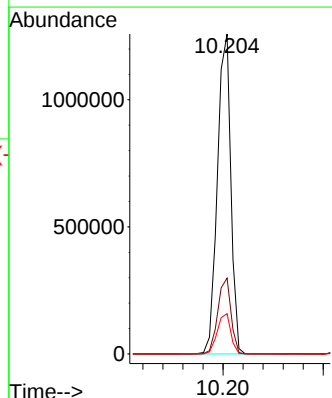
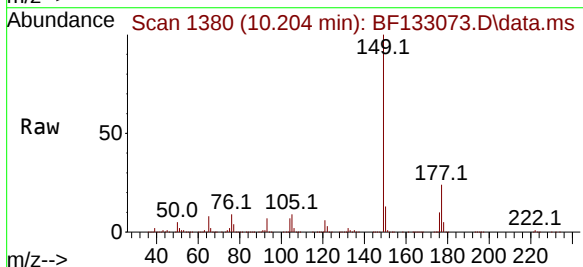
Instrument :
BNA_F
ClientSampleId :
S2S-TP3MS

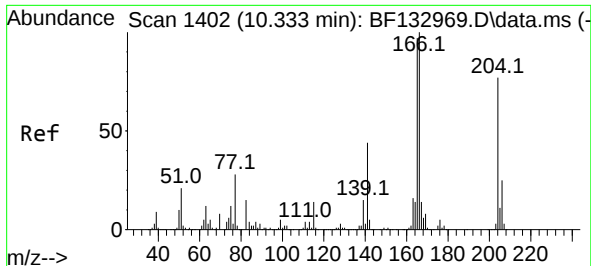
Tgt Ion:232 Resp: 300796
Ion Ratio Lower Upper
232 100
131 46.3 38.0 57.0
130 2.2 1.8 2.8
166 30.0 24.7 37.1



#60
Diethylphthalate
Concen: 46.929 ng
RT: 10.204 min Scan# 1380
Delta R.T. 0.006 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

Tgt Ion:149 Resp: 1167649
Ion Ratio Lower Upper
149 100
177 23.7 18.2 27.4
150 12.6 10.2 15.4

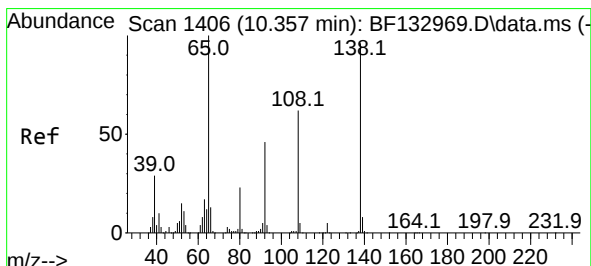
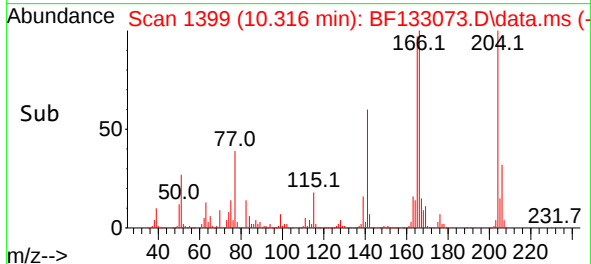
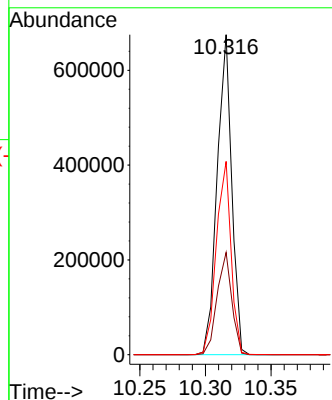
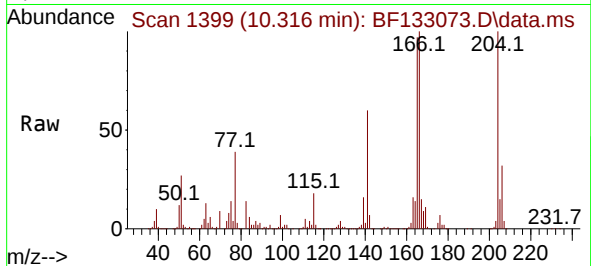




#61
4-Chlorophenyl-phenylether
Concen: 45.542 ng
RT: 10.316 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

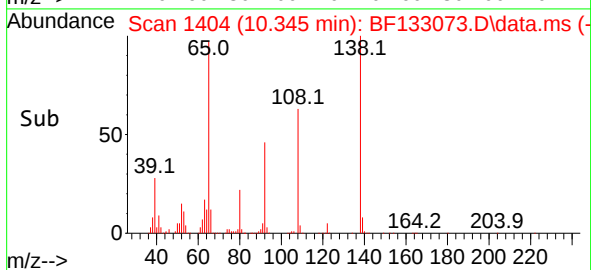
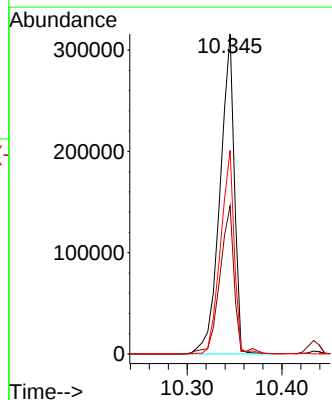
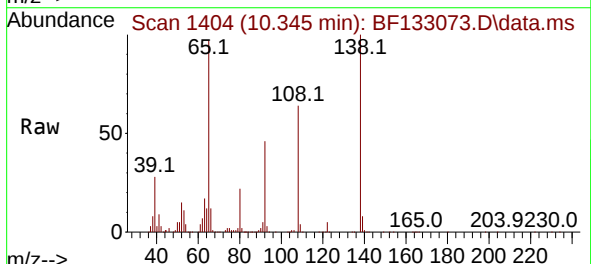
Instrument :
BNA_F
ClientSampleId :
S2S-TP3MS

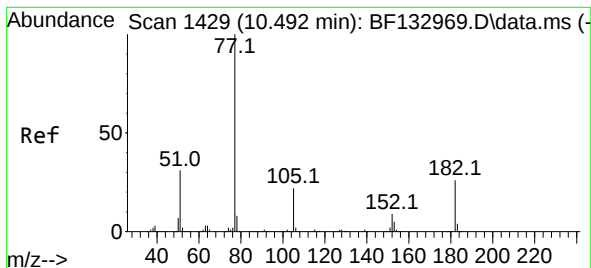
Tgt Ion:204 Resp: 520438
Ion Ratio Lower Upper
204 100
206 32.0 26.1 39.1
141 60.4 46.1 69.1



#62
4-Nitroaniline
Concen: 51.391 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.006 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

Tgt Ion:138 Resp: 332972
Ion Ratio Lower Upper
138 100
92 46.3 27.7 67.7
108 63.6 45.2 85.2





#63

Azobenzene

Concen: 45.308 ng

RT: 10.475 min Scan# 14

Delta R.T. 0.000 min

Lab File: BF133073.D

Acq: 26 Apr 2023 19:32

Instrument :

BNA_F

ClientSampleId :

S2S-TP3MS

Tgt Ion: 77 Resp: 1194209

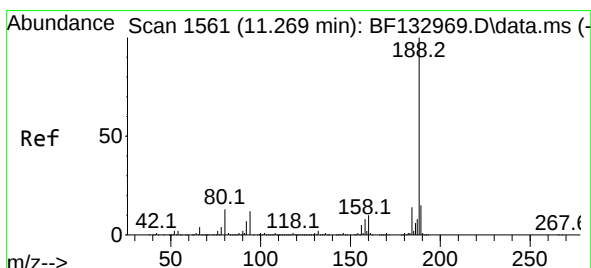
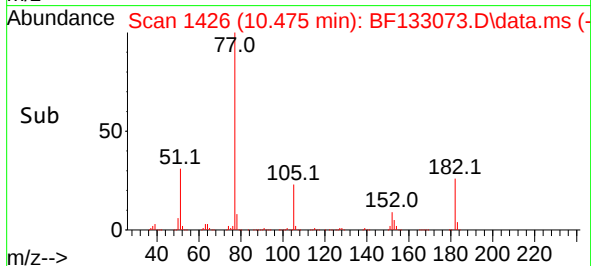
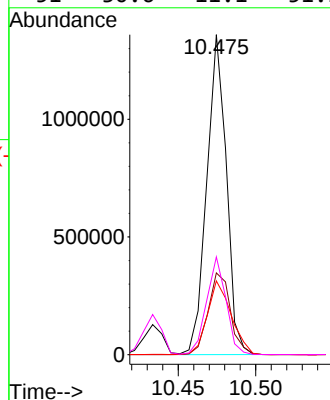
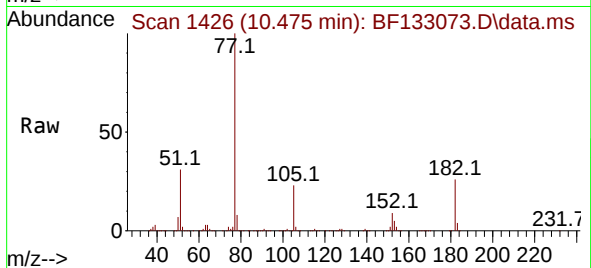
Ion Ratio Lower Upper

77 100

182 25.6 5.9 45.9

105 23.1 2.3 42.3

51 30.6 11.1 51.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.251 min Scan# 1558

Delta R.T. -0.006 min

Lab File: BF133073.D

Acq: 26 Apr 2023 19:32

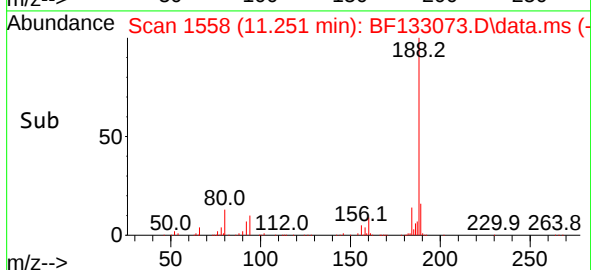
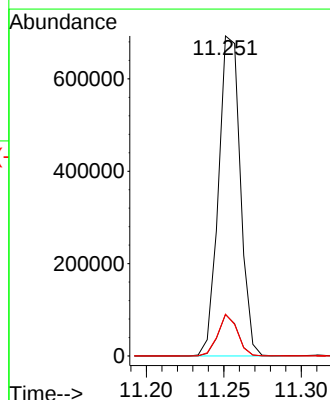
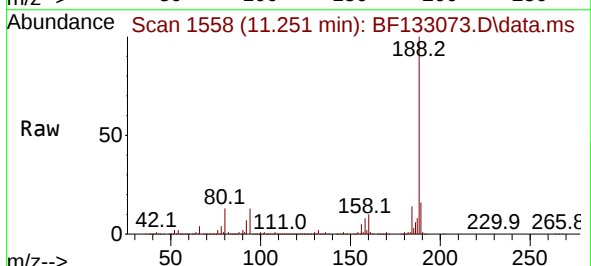
Tgt Ion: 188 Resp: 679026

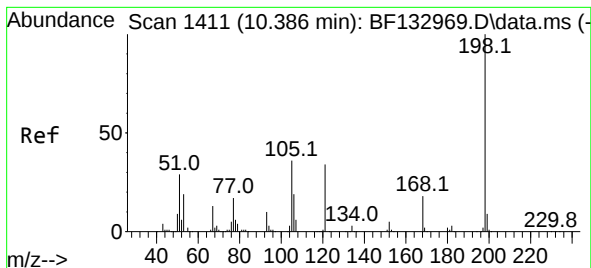
Ion Ratio Lower Upper

188 100

94 13.0 9.7 14.5

80 13.0 10.4 15.6

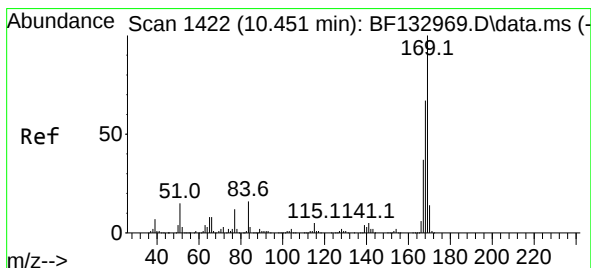
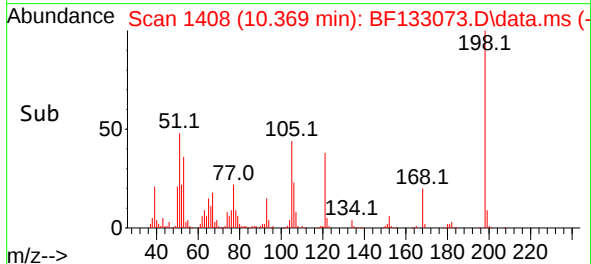
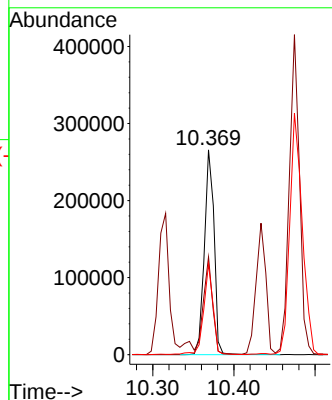
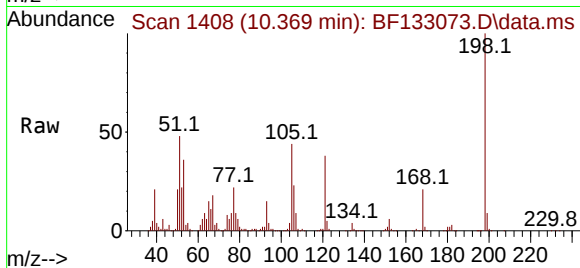




#65
4,6-Dinitro-2-methylphenol
Concen: 53.551 ng
RT: 10.369 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

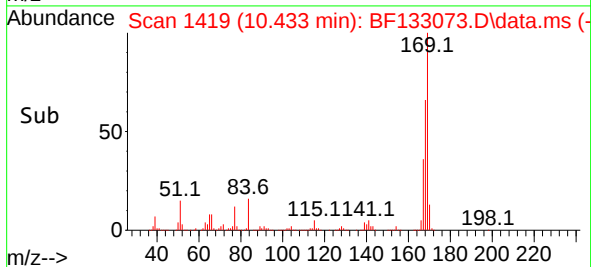
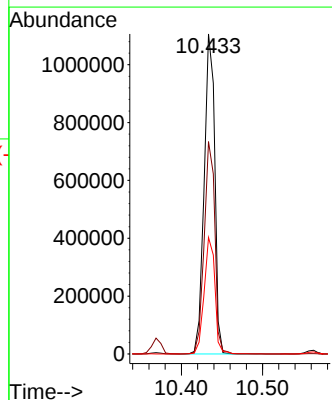
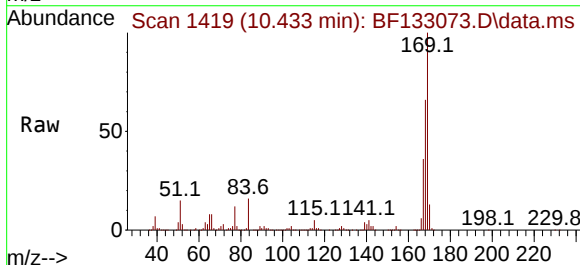
Instrument :
BNA_F
ClientSampleId :
S2S-TP3MS

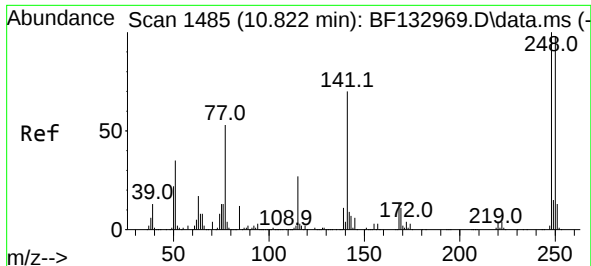
Tgt Ion:198 Resp: 220400
Ion Ratio Lower Upper
198 100
51 47.7 15.5 55.5
105 44.4 16.7 56.7



#66
n-Nitrosodiphenylamine
Concen: 45.323 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

Tgt Ion:169 Resp: 998282
Ion Ratio Lower Upper
169 100
168 66.3 53.8 80.8
167 36.4 29.7 44.5

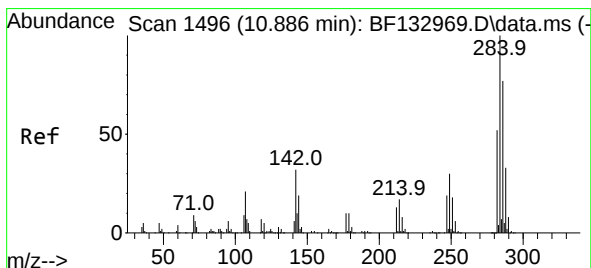
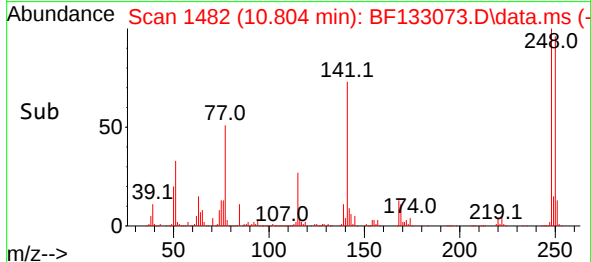
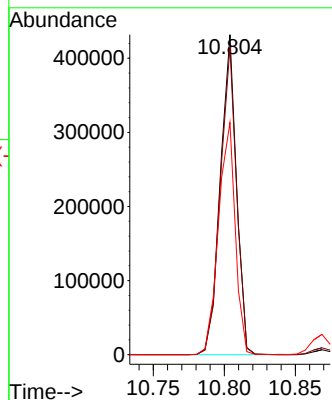
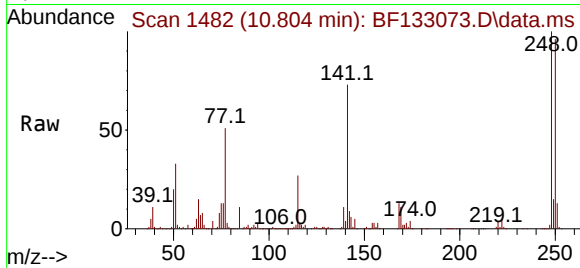




#67
4-Bromophenyl-phenylether
Concen: 46.315 ng
RT: 10.804 min Scan# 1482
Delta R.T. 0.000 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

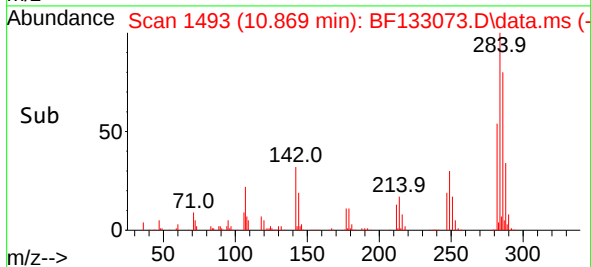
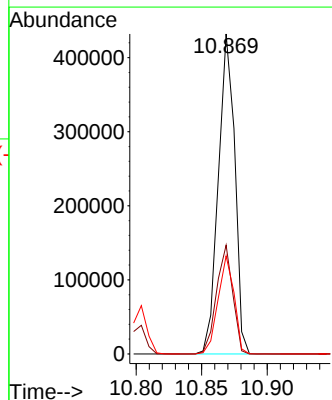
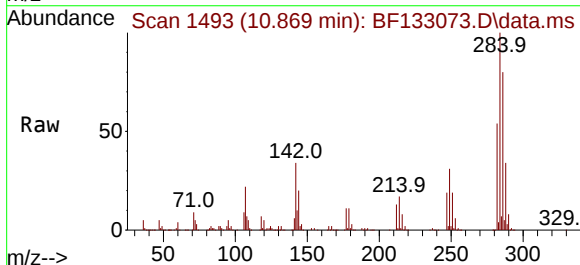
Instrument :
BNA_F
ClientSampleId :
S2S-TP3MS

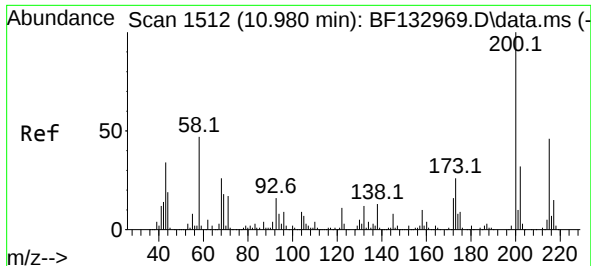
Tgt Ion:248 Resp: 341081
Ion Ratio Lower Upper
248 100
250 96.1 78.7 118.1
141 72.6 56.3 84.5



#68
Hexachlorobenzene
Concen: 49.780 ng
RT: 10.869 min Scan# 1493
Delta R.T. 0.000 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

Tgt Ion:284 Resp: 375654
Ion Ratio Lower Upper
284 100
142 34.0 26.0 39.0
249 30.7 23.7 35.5

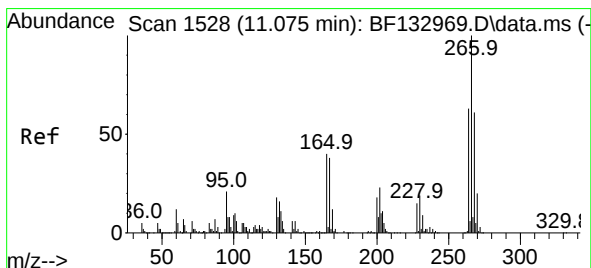
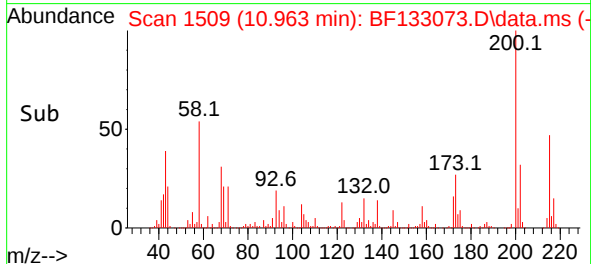
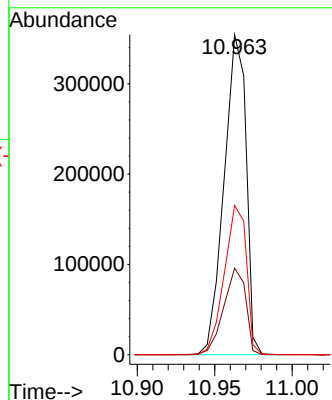
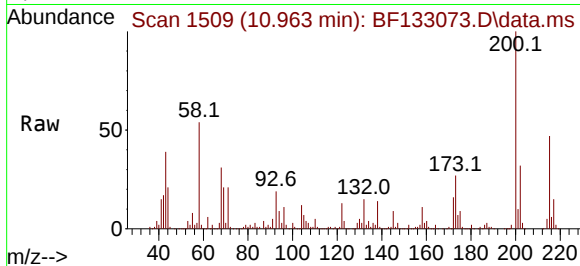




#69
Atrazine
Concen: 55.131 ng
RT: 10.963 min Scan# 1509
Delta R.T. 0.000 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

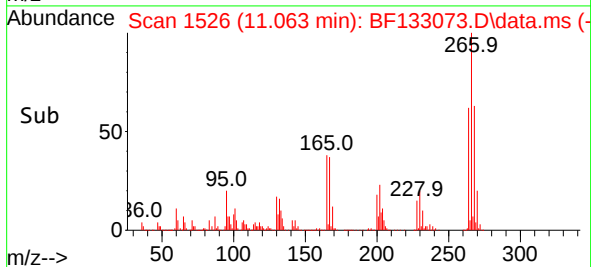
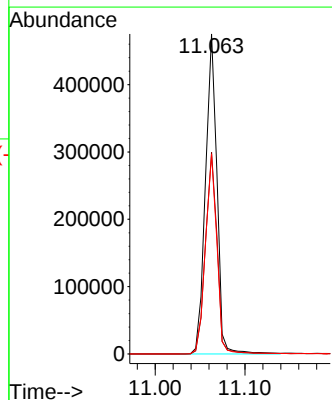
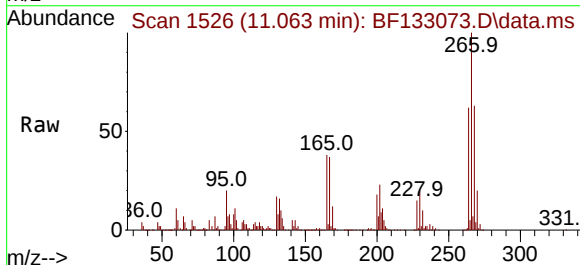
Instrument :
BNA_F
ClientSampleId :
S2S-TP3MS

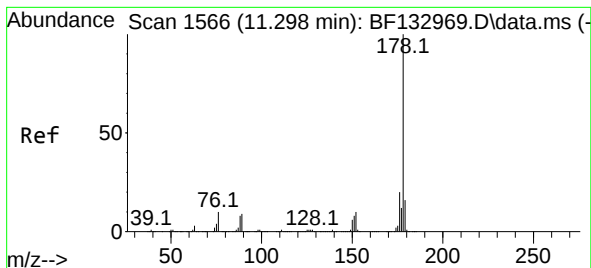
Tgt Ion:200 Resp: 349893
Ion Ratio Lower Upper
200 100
173 27.1 6.2 46.2
215 46.7 26.3 66.3



#70
Pentachlorophenol
Concen: 78.455 ng
RT: 11.063 min Scan# 1526
Delta R.T. 0.000 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

Tgt Ion:266 Resp: 421649
Ion Ratio Lower Upper
266 100
268 63.1 48.8 73.2
264 62.4 50.6 76.0





#71

Phenanthrene

Concen: 46.447 ng

RT: 11.280 min Scan# 1563

Delta R.T. 0.000 min

Lab File: BF133073.D

Acq: 26 Apr 2023 19:32

Instrument :

BNA_F

ClientSampleId :

S2S-TP3MS

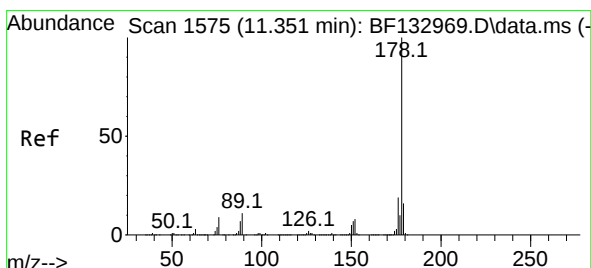
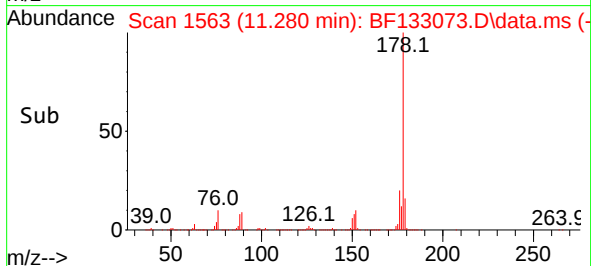
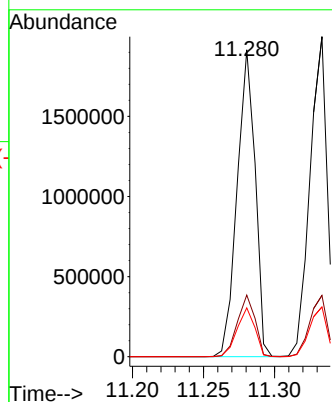
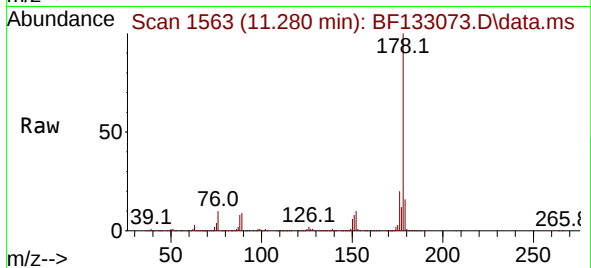
Tgt Ion:178 Resp: 1695127

Ion Ratio Lower Upper

178 100

176 20.1 15.9 23.9

179 15.9 12.5 18.7



#72

Anthracene

Concen: 45.631 ng

RT: 11.333 min Scan# 1572

Delta R.T. 0.000 min

Lab File: BF133073.D

Acq: 26 Apr 2023 19:32

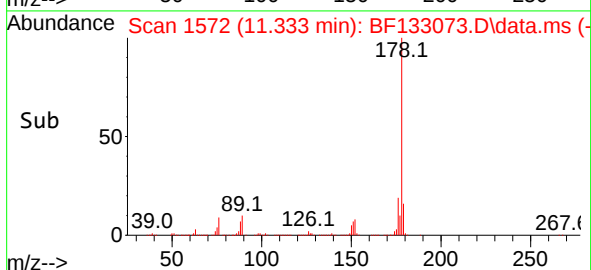
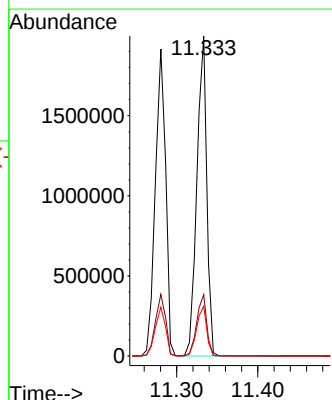
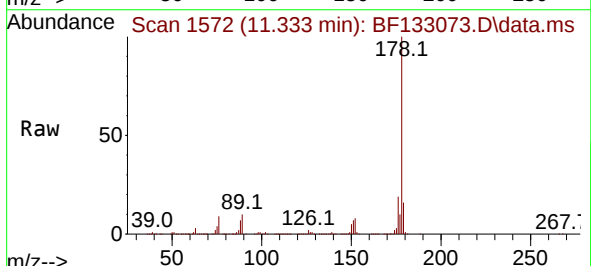
Tgt Ion:178 Resp: 1704284

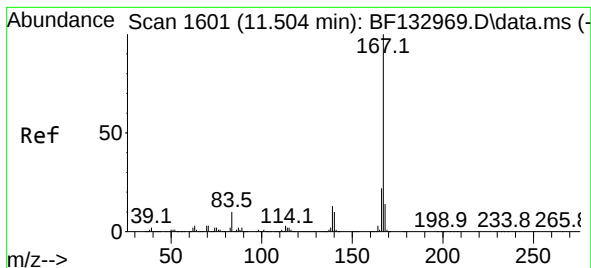
Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.0

179 15.6 12.4 18.6





#73

Carbazole

Concen: 47.334 ng

RT: 11.486 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133073.D

Acq: 26 Apr 2023 19:32

Instrument :

BNA_F

ClientSampleId :

S2S-TP3MS

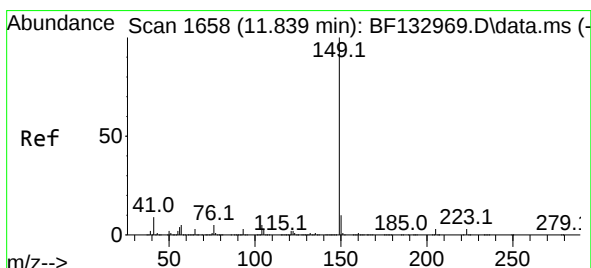
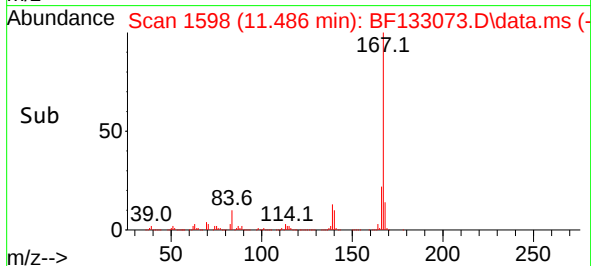
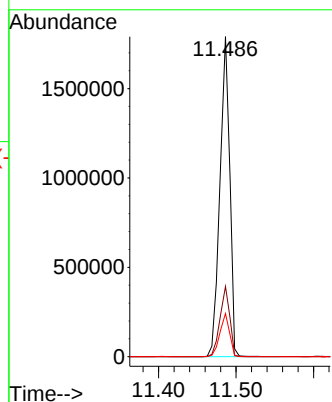
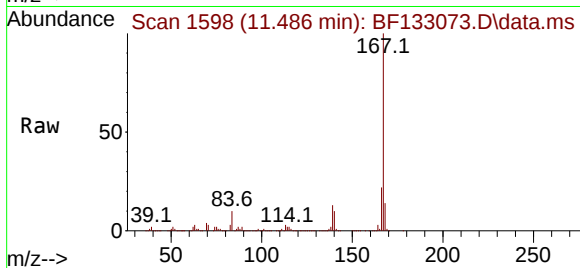
Tgt Ion:167 Resp: 1574180

Ion Ratio Lower Upper

167 100

166 22.0 17.4 26.0

139 13.5 10.6 16.0



#74

Di-n-butylphthalate

Concen: 48.916 ng

RT: 11.822 min Scan# 1655

Delta R.T. 0.000 min

Lab File: BF133073.D

Acq: 26 Apr 2023 19:32

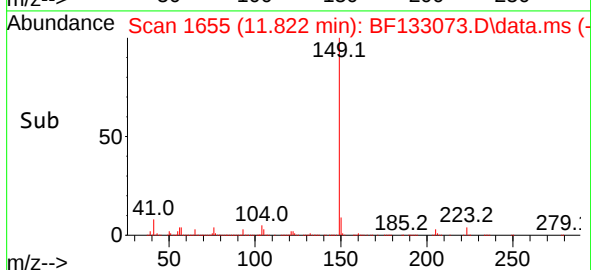
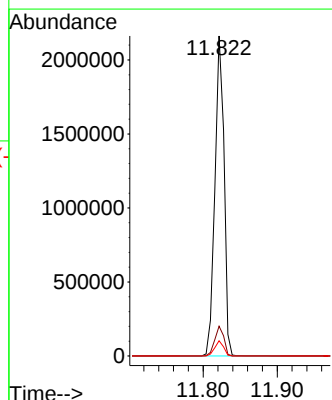
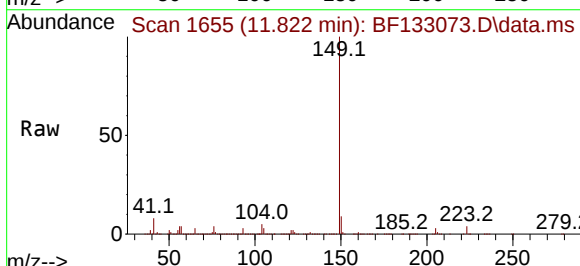
Tgt Ion:149 Resp: 1840986

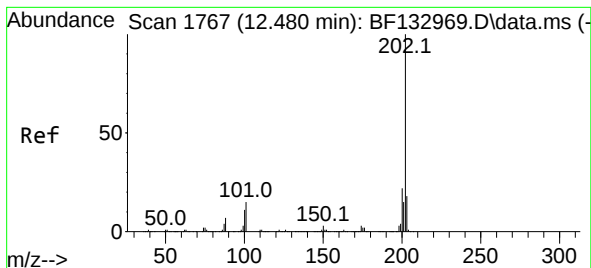
Ion Ratio Lower Upper

149 100

150 9.3 7.6 11.4

104 4.8 4.0 6.0





#75

Fluoranthene

Concen: 46.996 ng

RT: 12.463 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133073.D

Acq: 26 Apr 2023 19:32

Instrument :

BNA_F

ClientSampleId :

S2S-TP3MS

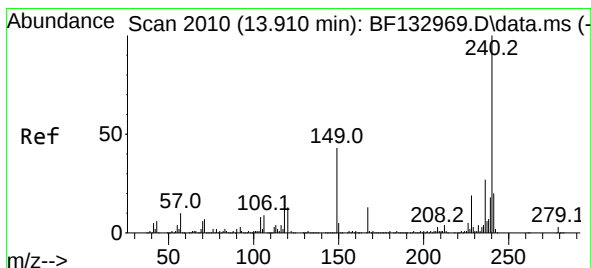
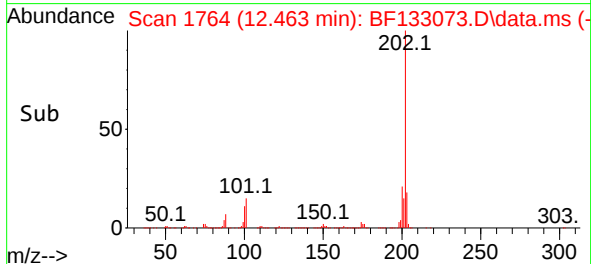
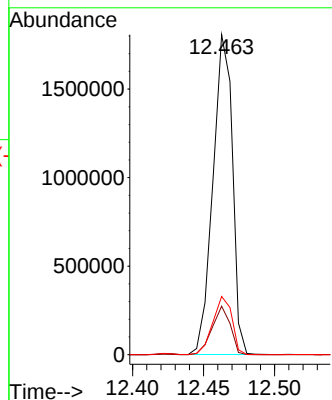
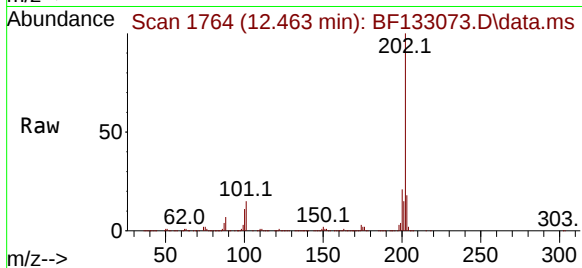
Tgt Ion:202 Resp: 1721360

Ion Ratio Lower Upper

202 100

101 15.2 0.0 35.3

203 18.2 0.0 38.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.892 min Scan# 2007

Delta R.T. 0.000 min

Lab File: BF133073.D

Acq: 26 Apr 2023 19:32

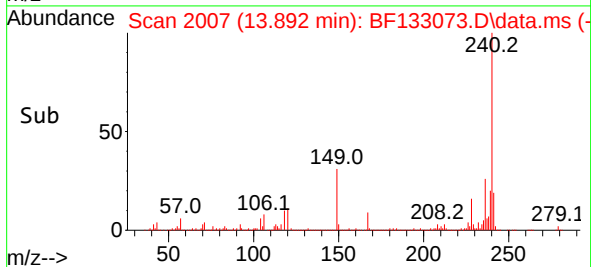
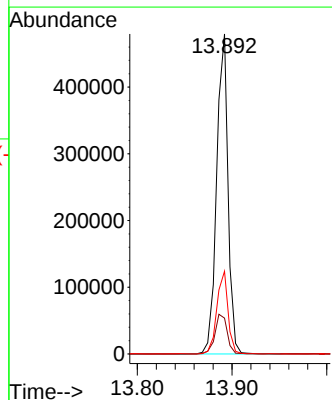
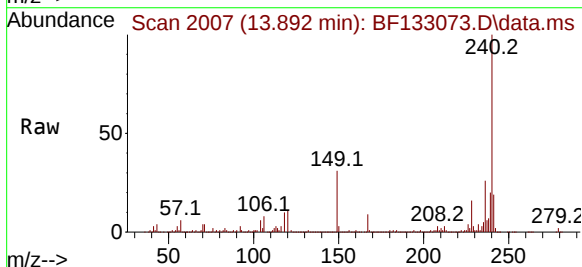
Tgt Ion:240 Resp: 401249

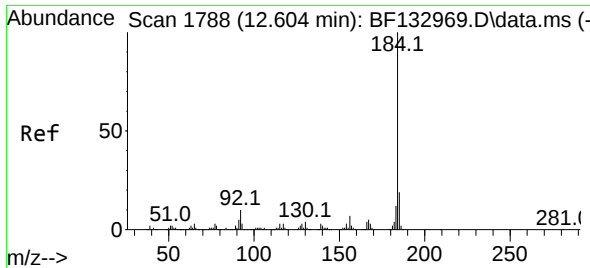
Ion Ratio Lower Upper

240 100

120 11.2 10.5 15.7

236 25.9 21.5 32.3

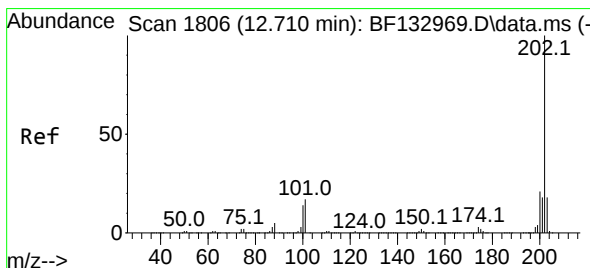
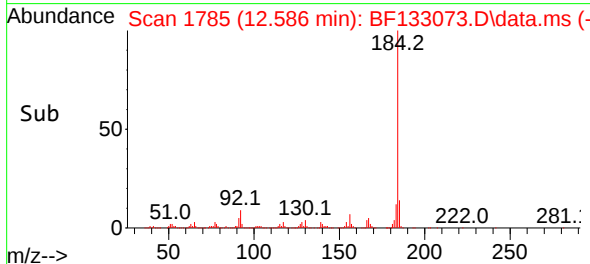
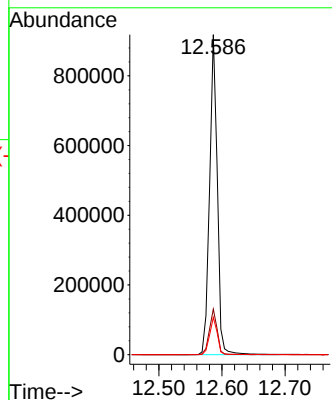
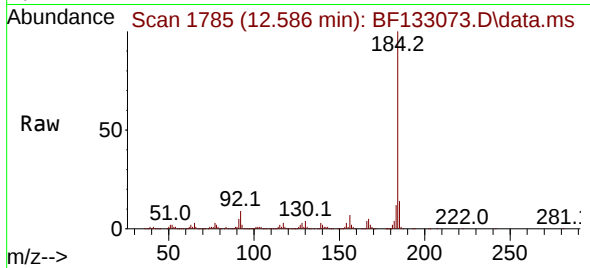




#77
Benzidine
Concen: 114.817 ng
RT: 12.586 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

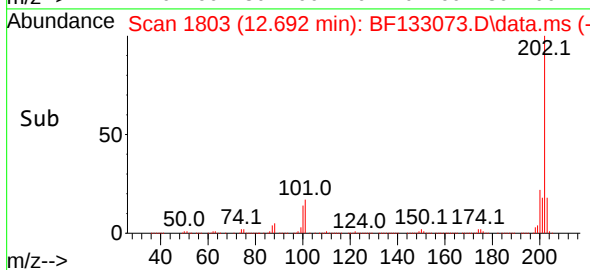
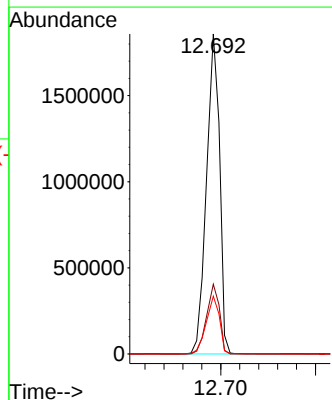
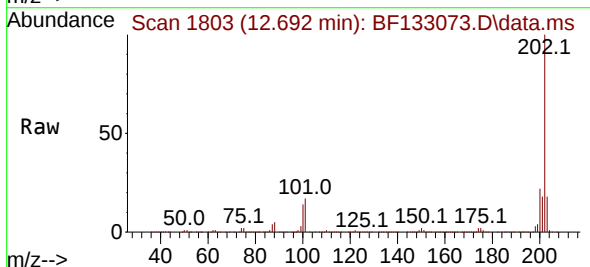
Instrument :
BNA_F
ClientSampleId :
S2S-TP3MS

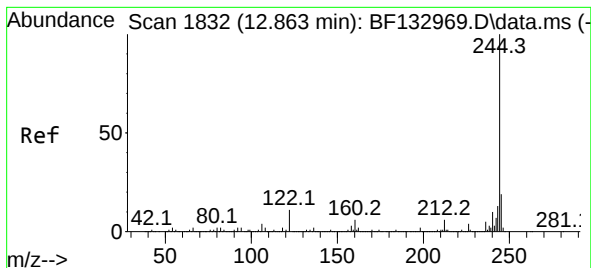
Tgt Ion:184 Resp: 779072
Ion Ratio Lower Upper
184 100
185 14.3 15.4 23.2#
183 11.7 9.4 14.0



#78
Pyrene
Concen: 51.561 ng
RT: 12.692 min Scan# 1803
Delta R.T. 0.000 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

Tgt Ion:202 Resp: 1773506
Ion Ratio Lower Upper
202 100
200 21.8 17.1 25.7
203 18.0 14.1 21.1





#79

Terphenyl-d14

Concen: 79.906 ng

RT: 12.839 min Scan# 1828

Delta R.T. 0.000 min

Lab File: BF133073.D

Acq: 26 Apr 2023 19:32

Instrument :

BNA_F

ClientSampleId :

S2S-TP3MS

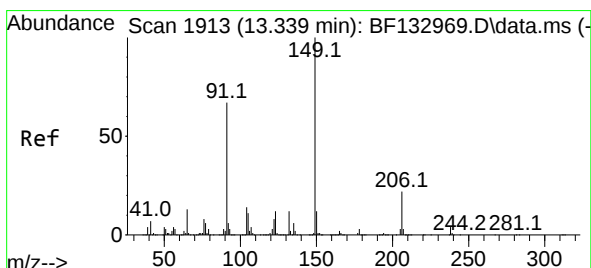
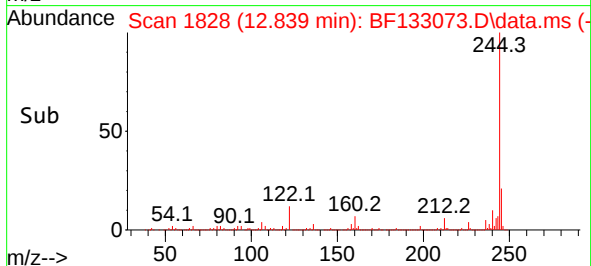
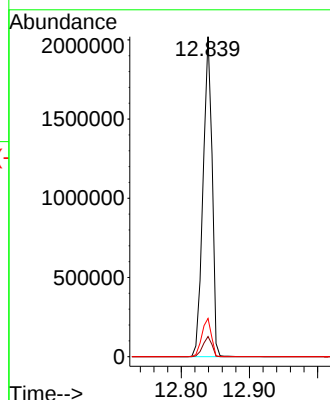
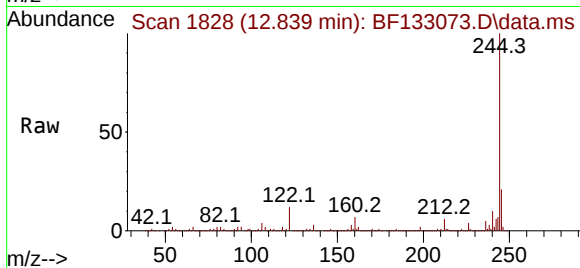
Tgt Ion:244 Resp: 1859039

Ion Ratio Lower Upper

244 100

212 6.3 5.1 7.7

122 12.0 8.6 13.0



#80

Butylbenzylphthalate

Concen: 60.952 ng

RT: 13.321 min Scan# 1910

Delta R.T. 0.006 min

Lab File: BF133073.D

Acq: 26 Apr 2023 19:32

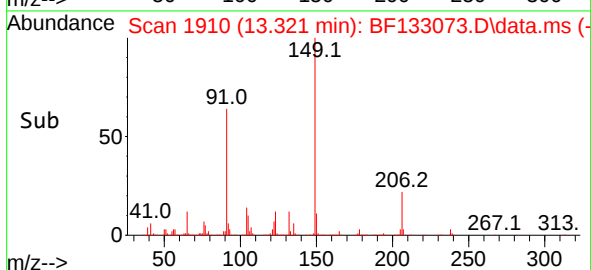
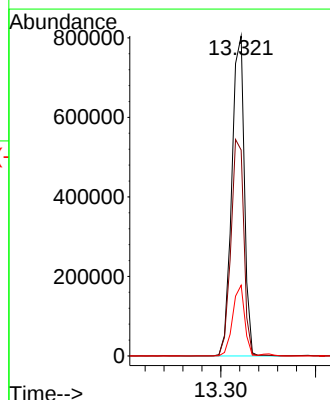
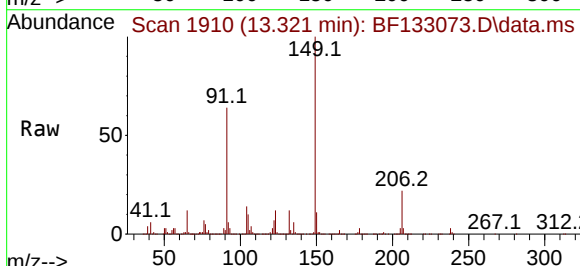
Tgt Ion:149 Resp: 742327

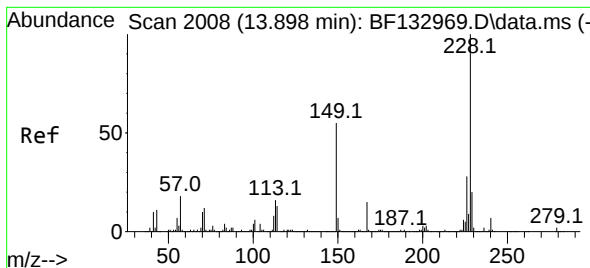
Ion Ratio Lower Upper

149 100

91 64.4 53.8 80.6

206 22.1 17.5 26.3





#81

Benzo(a)anthracene

Concen: 47.021 ng

RT: 13.880 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF133073.D

Acq: 26 Apr 2023 19:32

Instrument :

BNA_F

ClientSampleId :

S2S-TP3MS

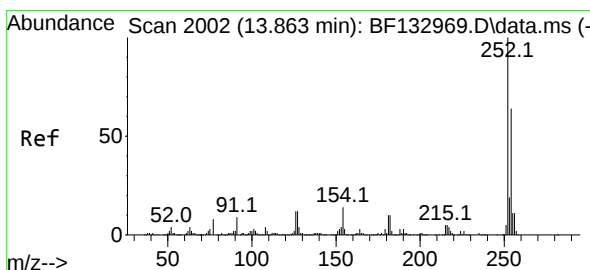
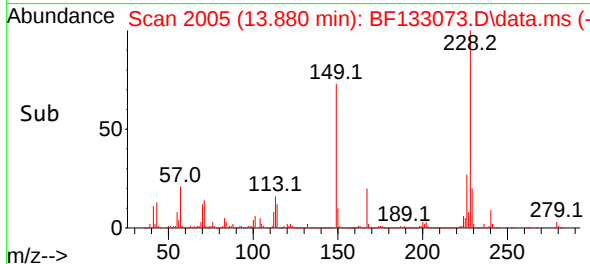
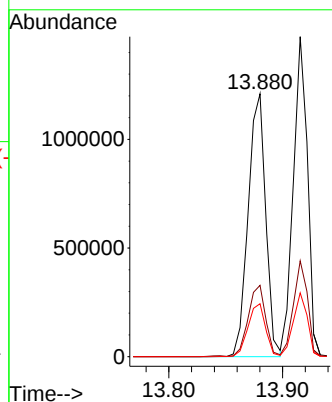
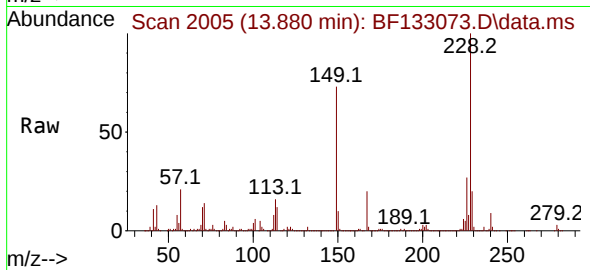
Tgt Ion:228 Resp: 1297423

Ion Ratio Lower Upper

228 100

226 27.1 22.2 33.4

229 20.2 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 28.544 ng

RT: 13.845 min Scan# 1999

Delta R.T. 0.000 min

Lab File: BF133073.D

Acq: 26 Apr 2023 19:32

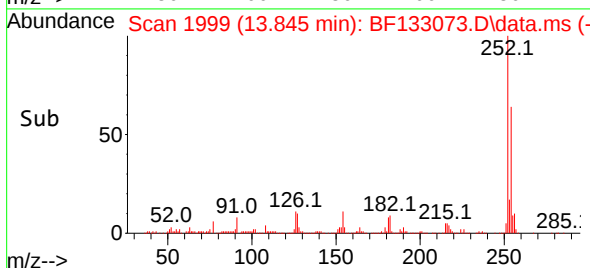
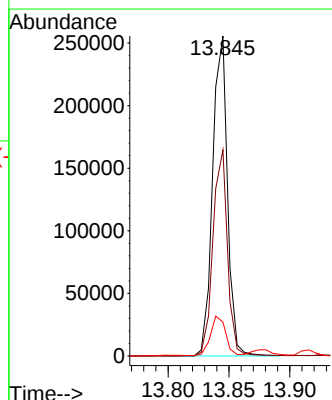
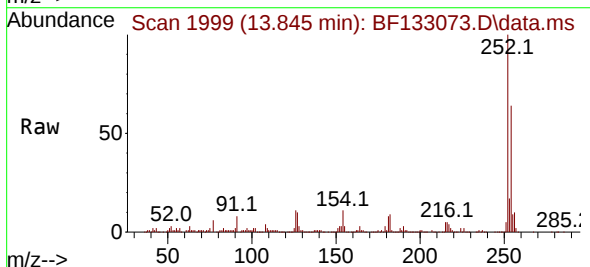
Tgt Ion:252 Resp: 217573

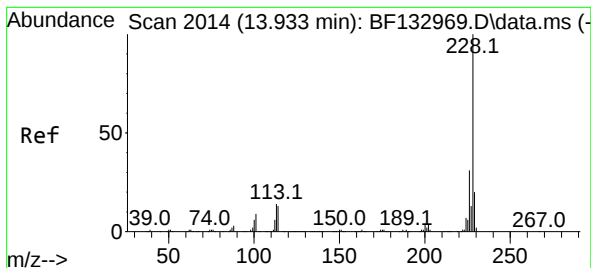
Ion Ratio Lower Upper

252 100

254 64.4 51.5 77.3

126 10.6 9.5 14.3





#83

Chrysene

Concen: 46.137 ng

RT: 13.916 min Scan# 2011

Delta R.T. 0.000 min

Lab File: BF133073.D

Acq: 26 Apr 2023 19:32

Instrument :

BNA_F

ClientSampleId :

S2S-TP3MS

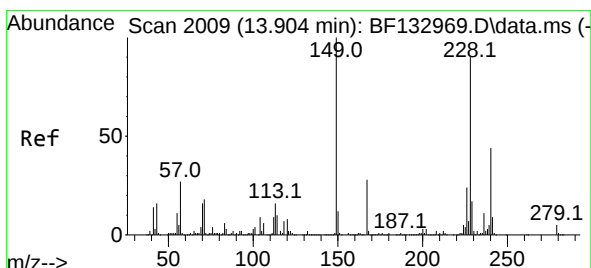
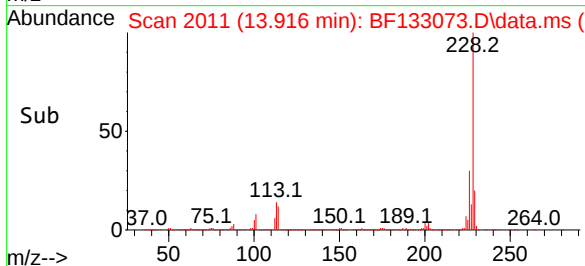
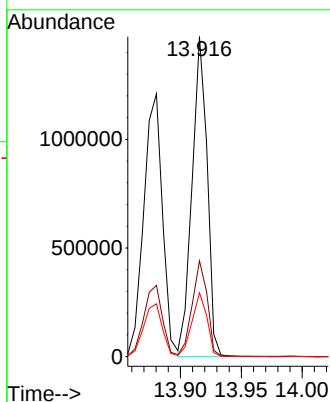
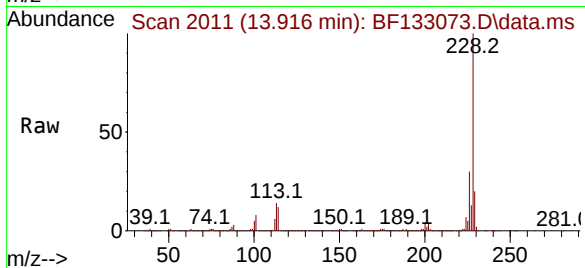
Tgt Ion:228 Resp: 1272720

Ion Ratio Lower Upper

228 100

226 30.0 24.7 37.1

229 19.9 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.755 ng

RT: 13.880 min Scan# 2005

Delta R.T. 0.000 min

Lab File: BF133073.D

Acq: 26 Apr 2023 19:32

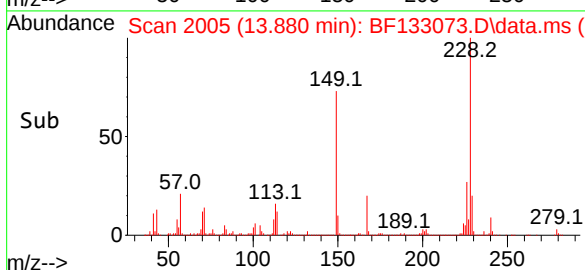
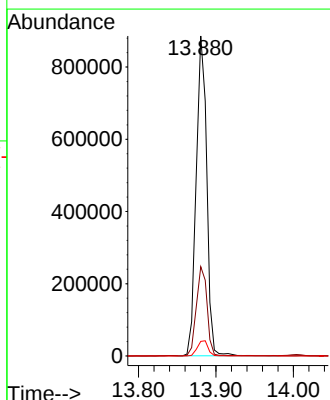
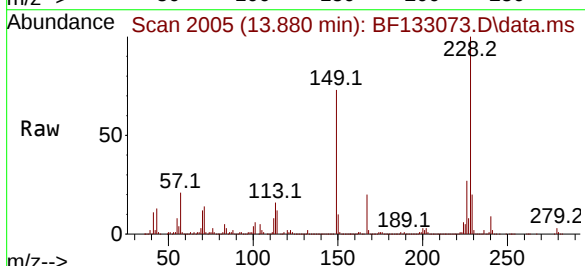
Tgt Ion:149 Resp: 837017

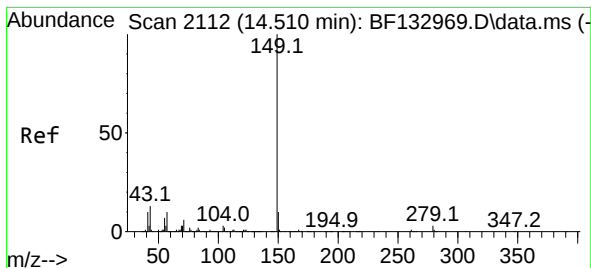
Ion Ratio Lower Upper

149 100

167 27.9 22.5 33.7

279 4.5 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 54.392 ng

RT: 14.492 min Scan# 2112

Delta R.T. 0.000 min

Lab File: BF133073.D

Acq: 26 Apr 2023 19:32

Instrument :

BNA_F

ClientSampleId :

S2S-TP3MS

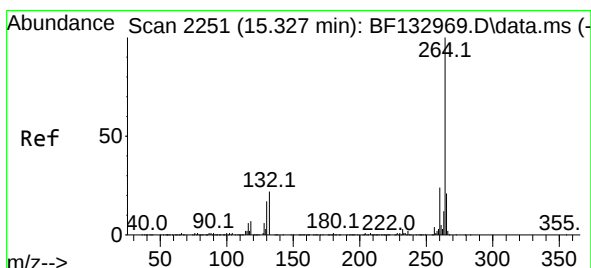
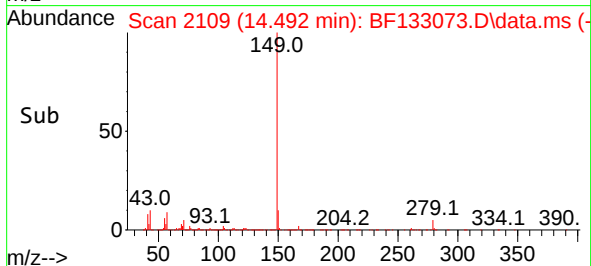
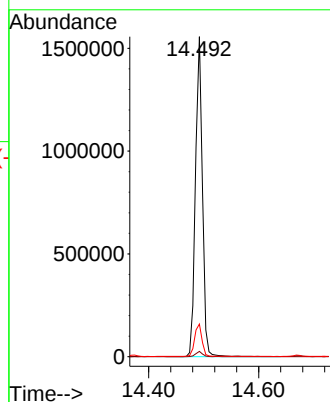
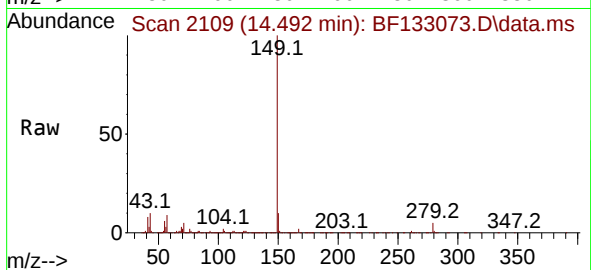
Tgt Ion:149 Resp: 1355762

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.8 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.304 min Scan# 2247

Delta R.T. 0.000 min

Lab File: BF133073.D

Acq: 26 Apr 2023 19:32

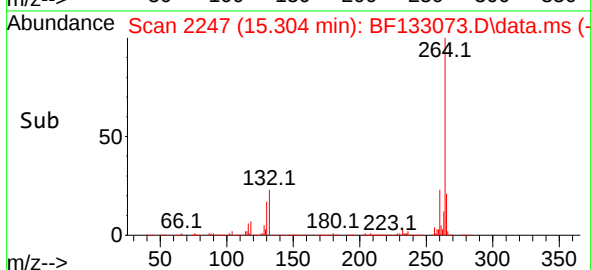
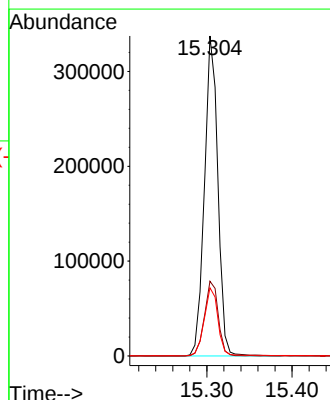
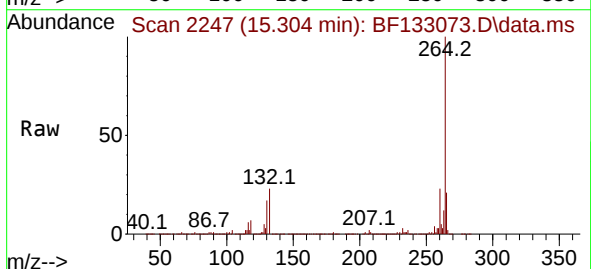
Tgt Ion:264 Resp: 368217

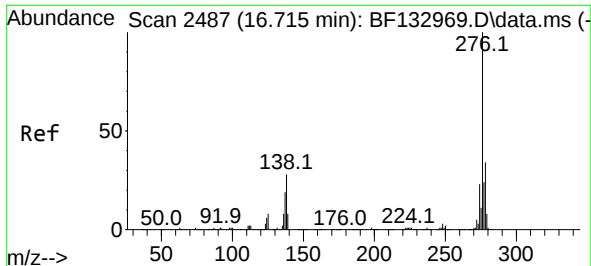
Ion Ratio Lower Upper

264 100

260 23.3 18.8 28.2

265 21.3 17.0 25.4

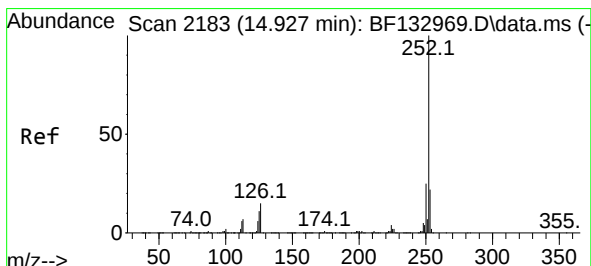
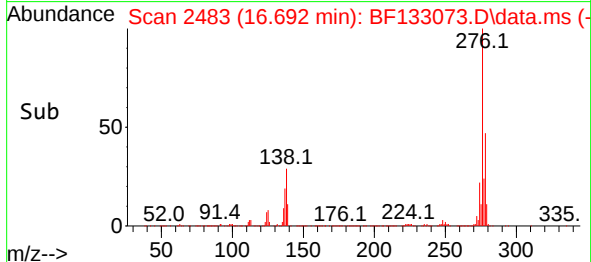
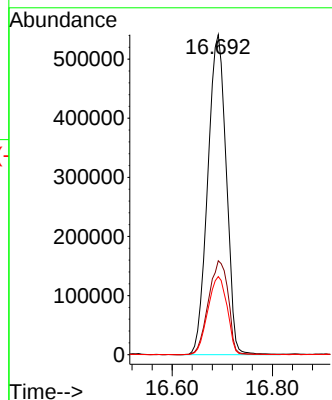
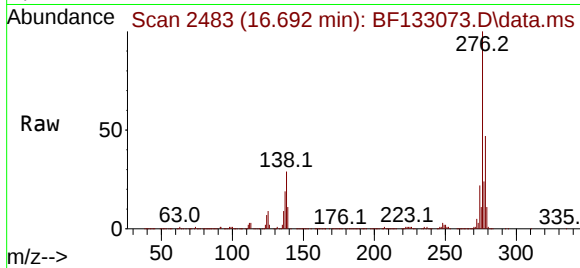




#87
Indeno(1,2,3-cd)pyrene
Concen: 66.096 ng
RT: 16.692 min Scan# 2487
Delta R.T. 0.006 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

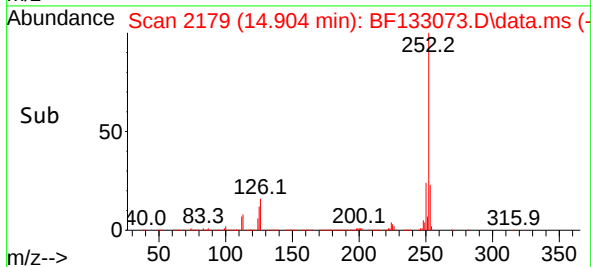
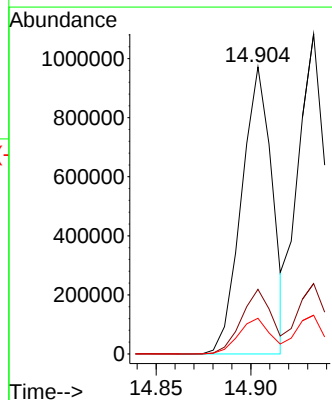
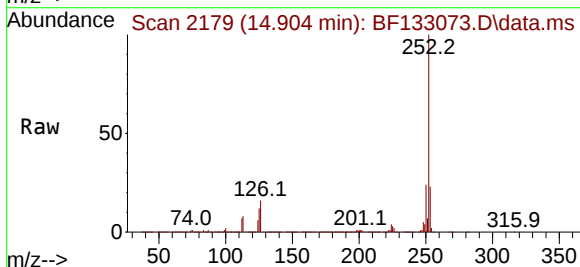
Instrument :
BNA_F
ClientSampleId :
S2S-TP3MS

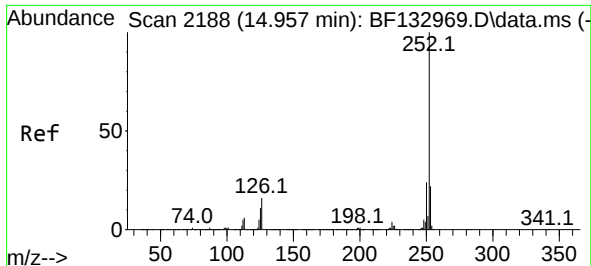
Tgt Ion:276 Resp: 1384381
Ion Ratio Lower Upper
276 100
138 31.4 25.5 38.3
277 25.5 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 46.978 ng
RT: 14.904 min Scan# 2179
Delta R.T. 0.000 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

Tgt Ion:252 Resp: 1100482
Ion Ratio Lower Upper
252 100
253 22.5 17.6 26.4
125 12.5 8.9 13.3

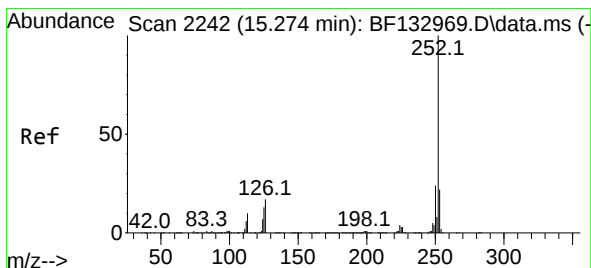
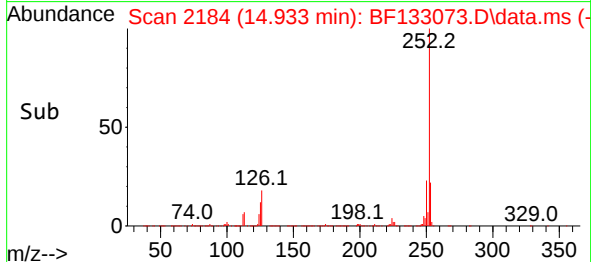
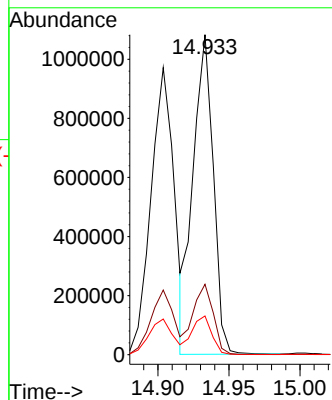
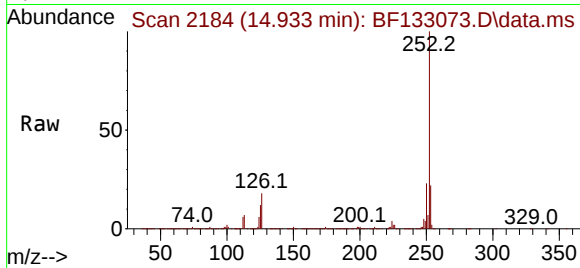




#89
Benzo(k)fluoranthene
Concen: 45.928 ng
RT: 14.933 min Scan# 2188
Delta R.T. 0.000 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

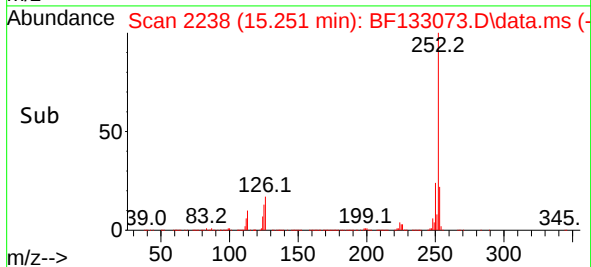
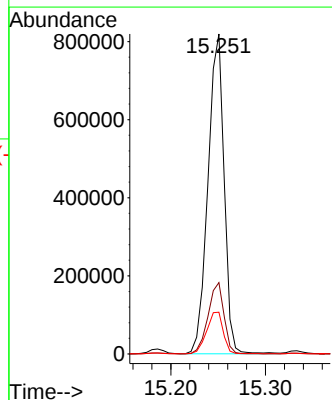
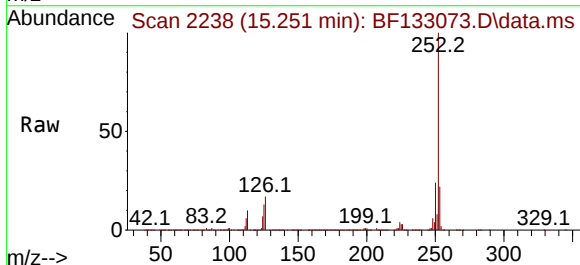
Instrument :
BNA_F
ClientSampleId :
S2S-TP3MS

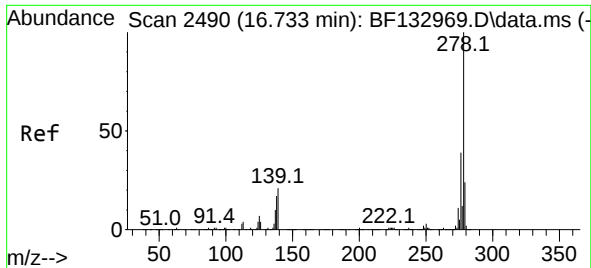
Tgt Ion:252 Resp: 1066508
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 12.1 9.0 13.4



#90
Benzo(a)pyrene
Concen: 45.503 ng
RT: 15.251 min Scan# 2238
Delta R.T. 0.000 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

Tgt Ion:252 Resp: 970215
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 13.1 10.5 15.7

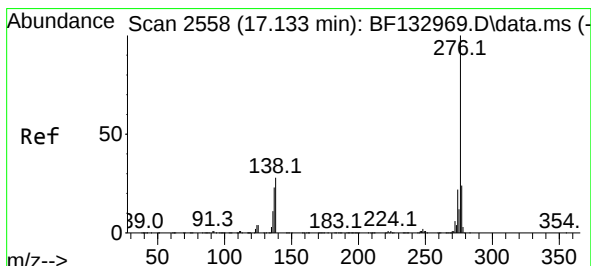
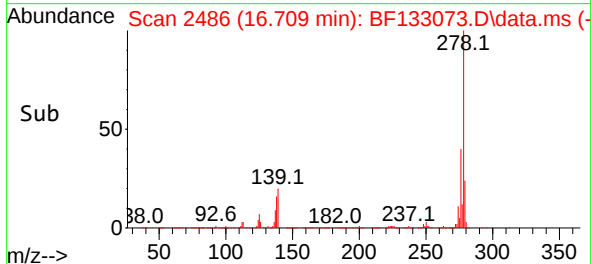
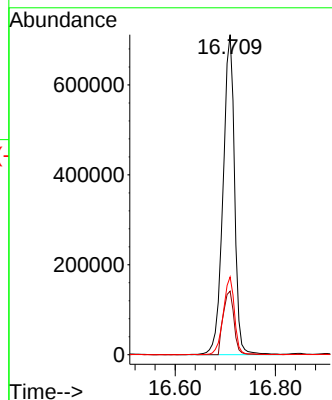
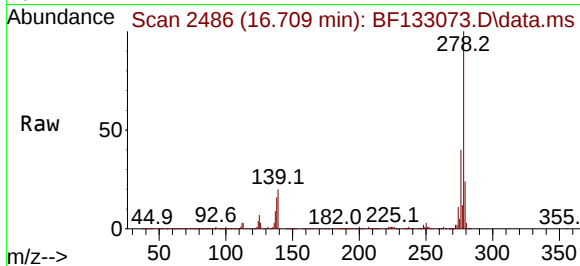




#91
Dibenzo(a,h)anthracene
Concen: 65.168 ng
RT: 16.709 min Scan# 2490
Delta R.T. 0.006 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

Instrument :
BNA_F
ClientSampleId :
S2S-TP3MS

Tgt Ion:278 Resp: 1138432
Ion Ratio Lower Upper
278 100
139 19.9 16.6 24.8
279 24.3 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 67.093 ng
RT: 17.109 min Scan# 2554
Delta R.T. 0.012 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

Tgt Ion:276 Resp: 1157108
Ion Ratio Lower Upper
276 100
277 23.7 19.4 29.0
138 27.0 22.7 34.1

