

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
 Data File : BF133165.D
 Acq On : 01 May 2023 20:11
 Operator : CG\JU
 Sample : 02558-02MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS011-0006-01MS

Quant Time: May 02 05:22:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 01 15:02:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	204358	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	790892	20.000	ng	# 0.00
39) Acenaphthene-d10	9.775	164	397770	20.000	ng	0.00
64) Phenanthrene-d10	11.257	188	649297	20.000	ng	0.00
76) Chrysene-d12	13.892	240	271878	20.000	ng	# 0.00
86) Perylene-d12	15.321	264	356467	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	894634	66.131	ng	0.00
7) Phenol-d6	6.375	99	1100813	65.559	ng	0.00
23) Nitrobenzene-d5	7.298	82	605959	41.356	ng	0.00
42) 2,4,6-Tribromophenol	10.563	330	251358	62.834	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1095817	46.089	ng	0.00
79) Terphenyl-d14	12.839	244	772096	48.978	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.475	88	286676	45.686	ng	96
3) Pyridine	3.169	79	722743	43.366	ng	93
4) n-Nitrosodimethylamine	3.128	42	386229	44.742	ng	98
6) Aniline	6.392	93	616135	28.490	ng	# 44
8) 2-Chlorophenol	6.516	128	691157	50.319	ng	97
9) Benzaldehyde	6.275	77	393375	60.024	ng	99
10) Phenol	6.387	94	907890	49.012	ng	85
11) bis(2-Chloroethyl)ether	6.469	93	651729	46.885	ng	97
12) 1,3-Dichlorobenzene	6.675	146	727435	49.813	ng	97
13) 1,4-Dichlorobenzene	6.751	146	714883	48.845	ng	97
14) 1,2-Dichlorobenzene	6.904	146	697145	51.666	ng	99
15) Benzyl Alcohol	6.881	79	567570	48.933	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.016	45	1014940	42.038	ng	92
17) 2-Methylphenol	6.998	107	557962	44.363	ng	99
18) Hexachloroethane	7.245	117	263910	51.865	ng	96
19) n-Nitroso-di-n-propyla...	7.157	70	444378	42.510	ng	90
20) 3+4-Methylphenols	7.151	107	649261	43.834	ng	# 84
22) Acetophenone	7.145	105	983652	53.691	ng	97
24) Nitrobenzene	7.316	77	666308	44.876	ng	98
25) Isophorone	7.557	82	1303975	46.872	ng	98
26) 2-Nitrophenol	7.633	139	377716	52.743	ng	96
27) 2,4-Dimethylphenol	7.681	122	594365	48.401	ng	98
28) bis(2-Chloroethoxy)met...	7.775	93	757431	46.022	ng	98
29) 2,4-Dichlorophenol	7.881	162	546703	48.904	ng	99
30) 1,2,4-Trichlorobenzene	7.963	180	570259	49.239	ng	99
31) Naphthalene	8.039	128	2023223	51.166	ng	98
32) Benzoic acid	7.798	122	311222	41.030	ng	95
33) 4-Chloroaniline	8.086	127	210665	13.186	ng	99
34) Hexachlorobutadiene	8.163	225	310526	48.377	ng	98
35) Caprolactam	8.469	113	185919	49.507	ng	# 81
36) 4-Chloro-3-methylphenol	8.581	107	601928	49.931	ng	100
37) 2-Methylnaphthalene	8.733	142	1518692	56.177	ng	97
38) 1-Methylnaphthalene	8.833	142	1308901	51.756	ng	99
40) 1,2,4,5-Tetrachloroben...	8.904	216	500775	46.824	ng	98
41) Hexachlorocyclopentadiene	8.886	237	533199	85.485	ng	98
43) 2,4,6-Trichlorophenol	9.010	196	354845	47.976	ng	99

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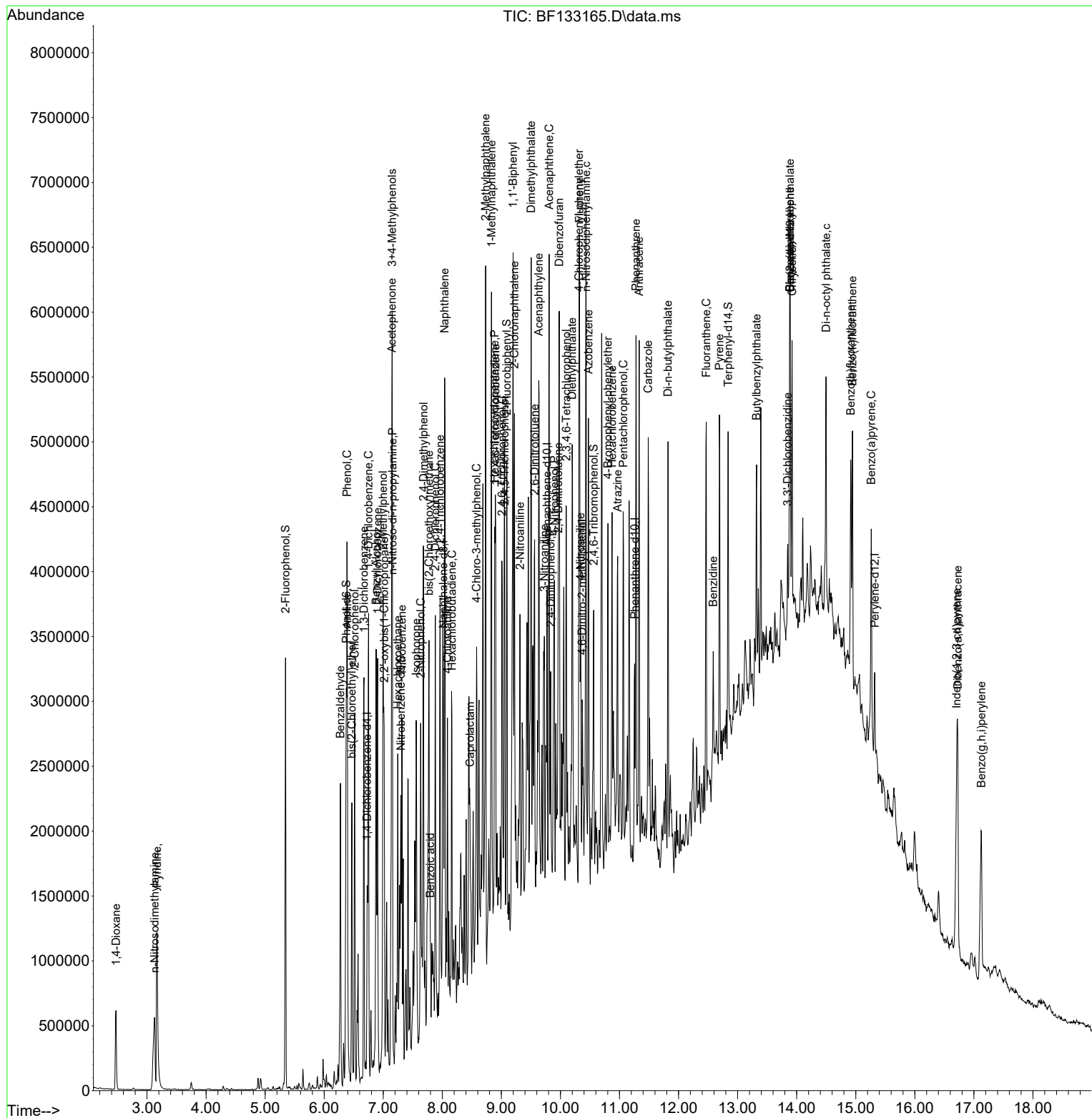
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.057	196	363367	42.479	ng	98
46) 1,1'-Biphenyl	9.198	154	1441680	45.708	ng	99
47) 2-Chloronaphthalene	9.222	162	1084279	46.966	ng	99
48) 2-Nitroaniline	9.316	65	355558	46.601	ng	96
49) Acenaphthylene	9.633	152	1655942	44.891	ng	99
50) Dimethylphthalate	9.504	163	1208230	43.562	ng	99
51) 2,6-Dinitrotoluene	9.563	165	302177	48.406	ng	87
52) Acenaphthene	9.810	154	1049884	42.495	ng	98
53) 3-Nitroaniline	9.727	138	283440	38.186	ng	96
54) 2,4-Dinitrophenol	9.833	184	162452	51.772	ng	98
55) Dibenzofuran	9.980	168	1427994	42.372	ng	96
56) 4-Nitrophenol	9.898	139	514976	89.578	ng	92
57) 2,4-Dinitrotoluene	9.963	165	401586	50.444	ng	# 95
58) Fluorene	10.322	166	1099790	44.542	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.098	232	291435	43.947	ng	# 97
60) Diethylphthalate	10.198	149	1177397	44.942	ng	99
61) 4-Chlorophenyl-phenyle...	10.316	204	519114	43.143	ng	97
62) 4-Nitroaniline	10.339	138	310700	45.543	ng	100
63) Azobenzene	10.475	77	1168758	42.113	ng	95
65) 4,6-Dinitro-2-methylph...	10.369	198	143451	36.450	ng	# 65
66) n-Nitrosodiphenylamine	10.433	169	1075911	51.084	ng	97
67) 4-Bromophenyl-phenylether	10.804	248	334048	47.437	ng	97
68) Hexachlorobenzene	10.874	284	353695	49.016	ng	99
69) Atrazine	10.969	200	352188	58.033	ng	98
70) Pentachlorophenol	11.063	266	371385	72.267	ng	97
71) Phenanthrene	11.280	178	1688734	48.391	ng	99
72) Anthracene	11.333	178	1597076	44.718	ng	99
73) Carbazole	11.486	167	1427603	44.892	ng	97
74) Di-n-butylphthalate	11.821	149	1638767	45.537	ng	100
75) Fluoranthene	12.468	202	1239689	35.396	ng	96
77) Benzidine	12.586	184	395511	86.026	ng	# 93
78) Pyrene	12.692	202	1278179	54.843	ng	99
80) Butylbenzylphthalate	13.321	149	480628	58.243	ng	100
81) Benzo(a)anthracene	13.886	228	877220	46.920	ng	99
82) 3,3'-Dichlorobenzidine	13.845	252	162299	31.424	ng	# 95
83) Chrysene	13.921	228	842904	45.095	ng	98
84) Bis(2-ethylhexyl)phtha...	13.886	149	570733	55.101	ng	97
85) Di-n-octyl phthalate	14.498	149	1012595	59.955	ng	# 94
87) Indeno(1,2,3-cd)pyrene	16.709	276	1140207	56.233	ng	97
88) Benzo(b)fluoranthene	14.915	252	953711	42.054	ng	# 95
89) Benzo(k)fluoranthene	14.945	252	949913	42.255	ng	# 96
90) Benzo(a)pyrene	15.262	252	893362	43.280	ng	# 97
91) Dibenzo(a,h)anthracene	16.727	278	939291	55.541	ng	99
92) Benzo(g,h,i)perylene	17.127	276	917053	54.926	ng	97

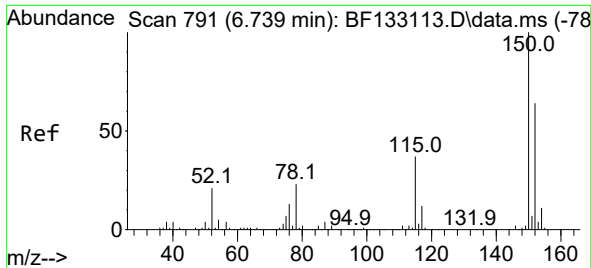
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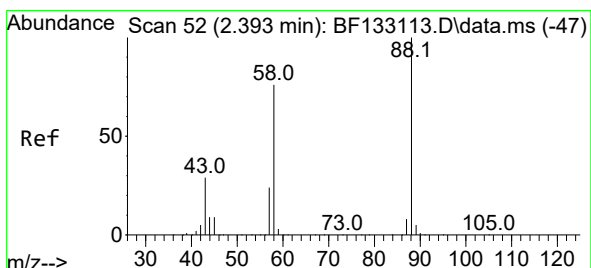
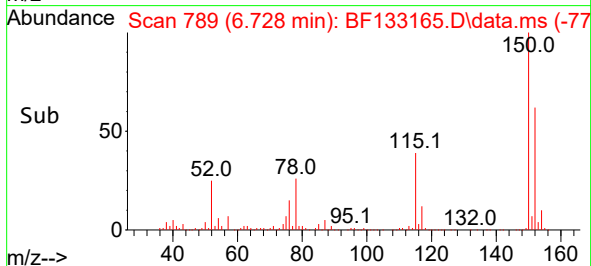
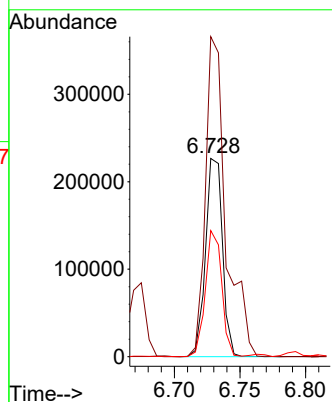
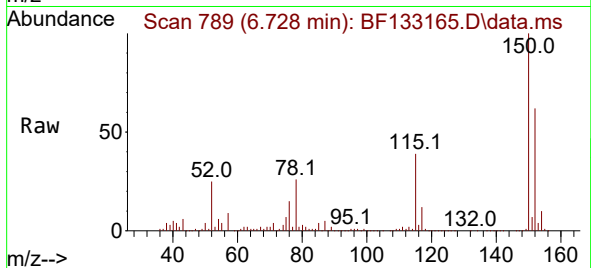




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

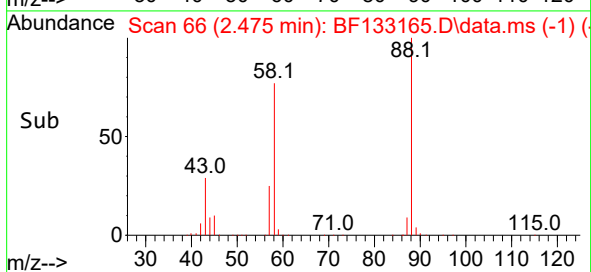
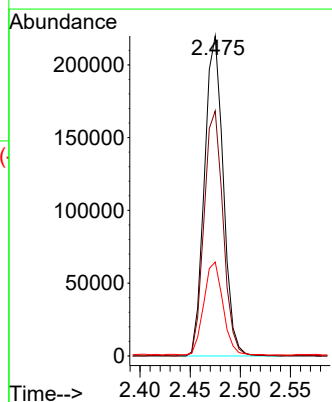
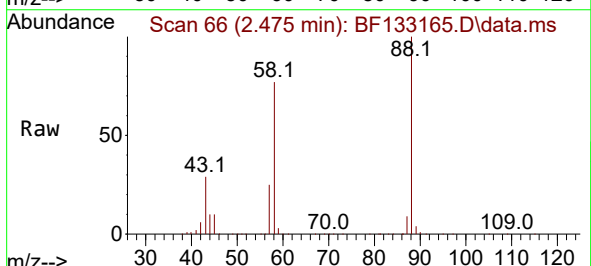
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BNA_F
ClientSampleId :
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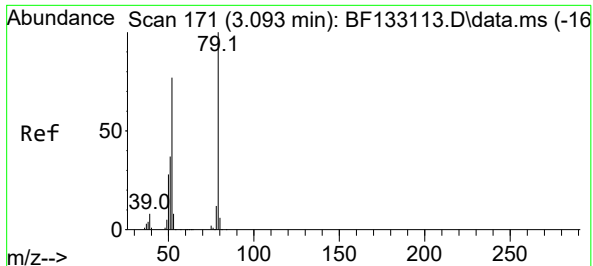
Tgt Ion:152 Resp: 204358
Ion Ratio Lower Upper
152 100
150 161.4 124.8 187.2
115 63.6 49.9 74.9



#2
1,4-Dioxane
Concen: 45.686 ng
RT: 2.475 min Scan# 66
Delta R.T. 0.088 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

Tgt Ion: 88 Resp: 286676
Ion Ratio Lower Upper
88 100
58 77.7 64.7 97.1
43 29.8 26.2 39.2

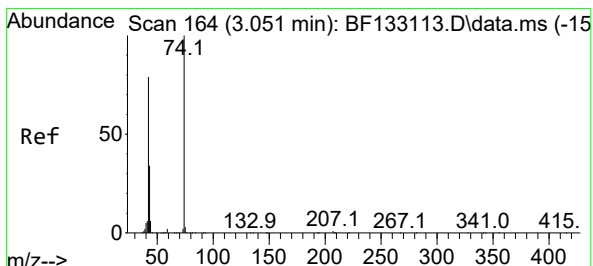
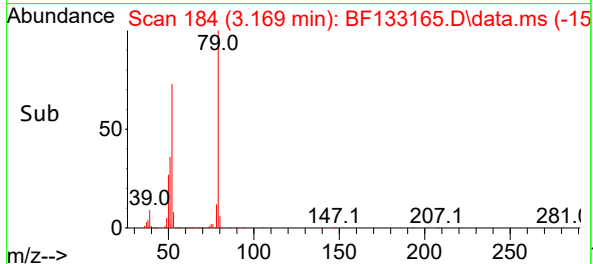
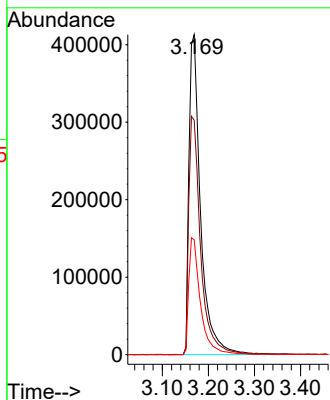
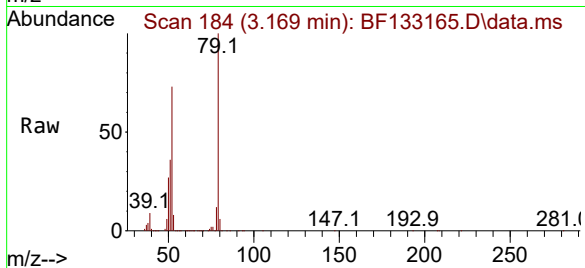




#3
Pyridine
Concen: 43.366 ng
RT: 3.169 min Scan# 11
Delta R.T. 0.082 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

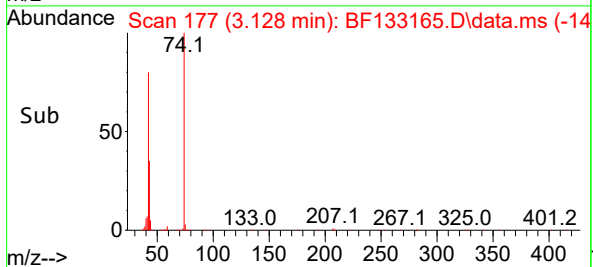
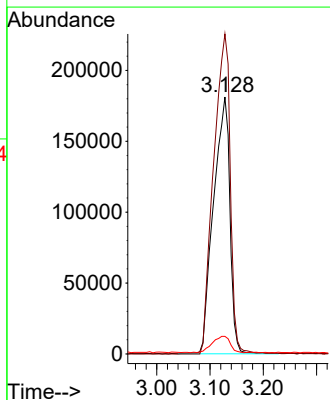
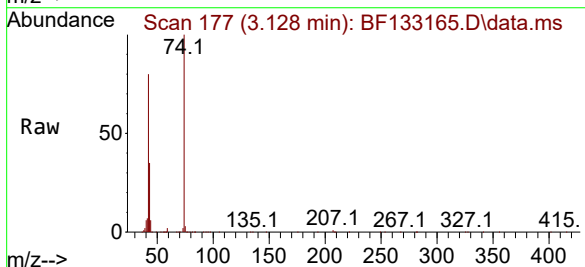
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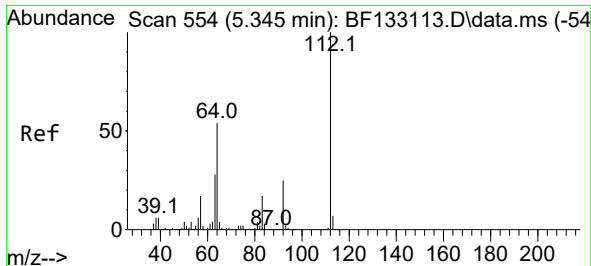
Tgt Ion: 79 Resp: 722743
Ion Ratio Lower Upper
79 100
52 73.3 64.6 96.8
51 35.9 30.0 45.0



#4
n-Nitrosodimethylamine
Concen: 44.742 ng
RT: 3.128 min Scan# 177
Delta R.T. 0.082 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

Tgt Ion: 42 Resp: 386229
Ion Ratio Lower Upper
42 100
74 124.5 98.0 147.0
44 6.9 5.8 8.8

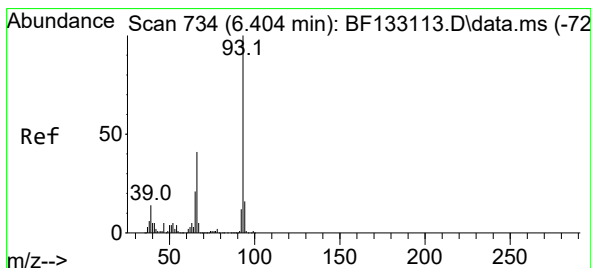
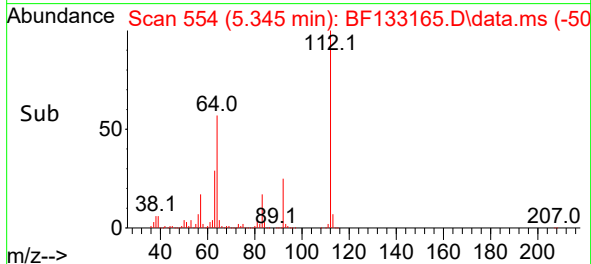
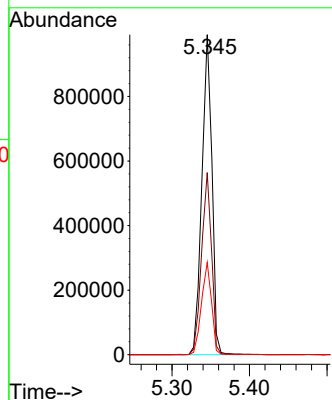
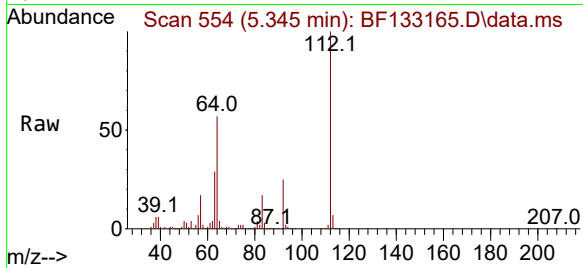




#5
2-Fluorophenol
Concen: 66.131 ng
RT: 5.345 min Scan# 511
Delta R.T. 0.006 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

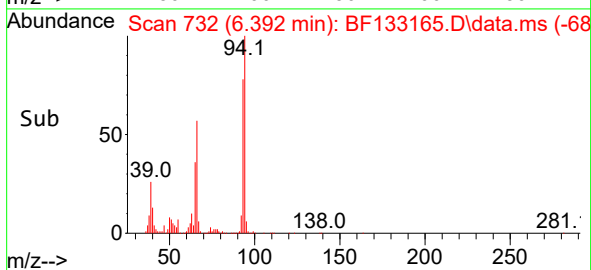
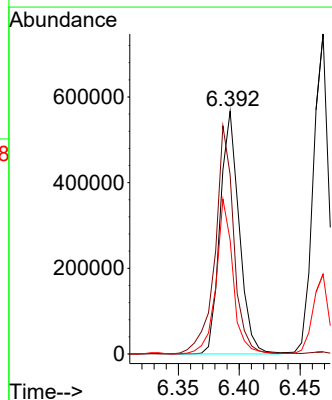
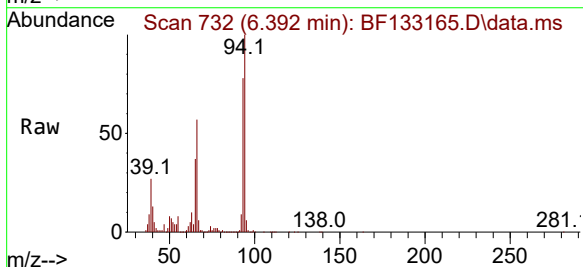
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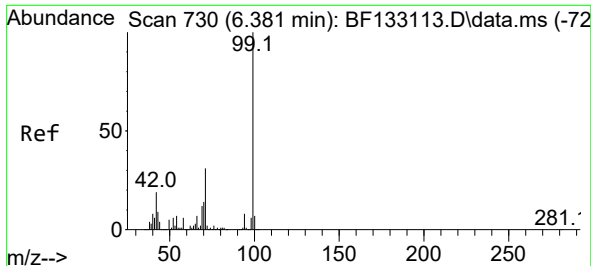
Tgt Ion:112 Resp: 894634
Ion Ratio Lower Upper
112 100
64 56.9 46.8 70.2
63 28.8 23.8 35.8



#6
Aniline
Concen: 28.490 ng
RT: 6.392 min Scan# 732
Delta R.T. -0.006 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

Tgt Ion: 93 Resp: 616135
Ion Ratio Lower Upper
93 100
66 73.8 31.5 47.3#
65 46.9 16.4 24.6#





#7

Phenol-d6

Concen: 65.559 ng

RT: 6.375 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF133165.D

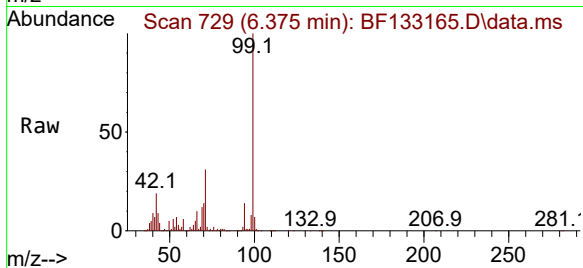
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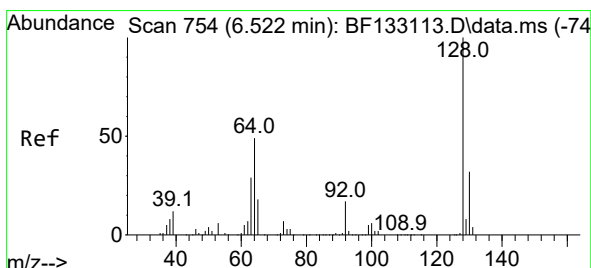
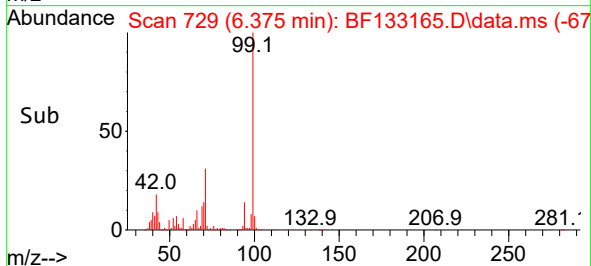
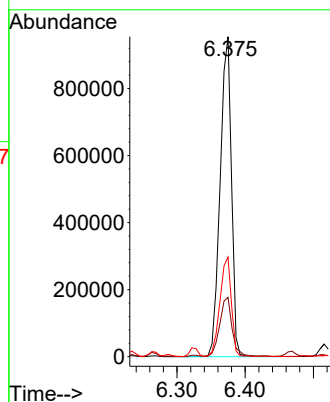
Tgt Ion: 99 Resp: 1100813

Ion Ratio Lower Upper

99 100

42 18.6 16.3 24.5

71 31.1 25.6 38.4



#8

2-Chlorophenol

Concen: 50.319 ng

RT: 6.516 min Scan# 753

Delta R.T. -0.006 min

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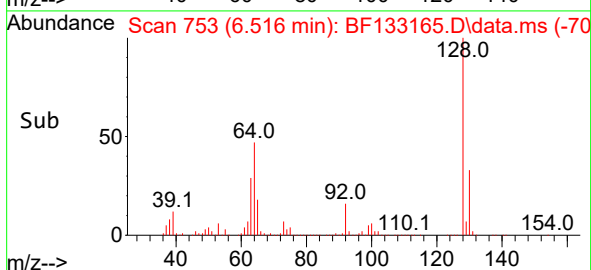
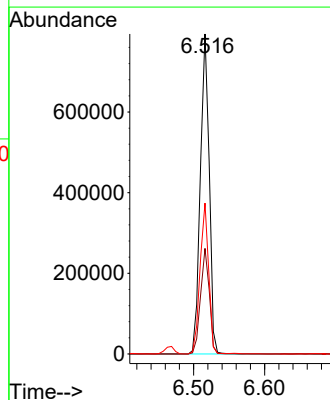
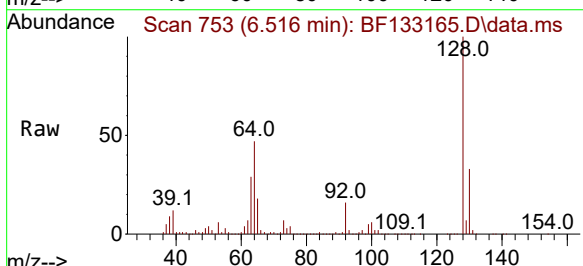
Tgt Ion:128 Resp: 691157

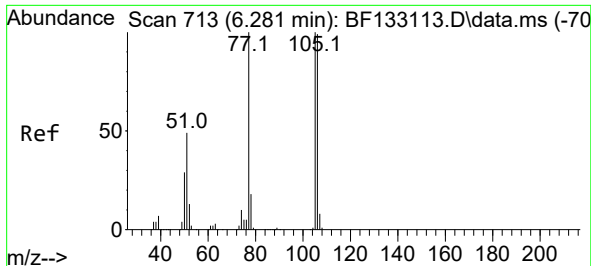
Ion Ratio Lower Upper

128 100

130 33.0 12.2 52.2

64 47.1 30.3 70.3

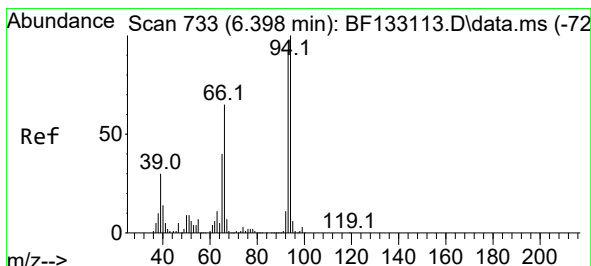
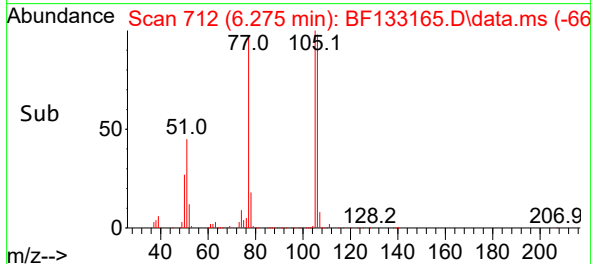
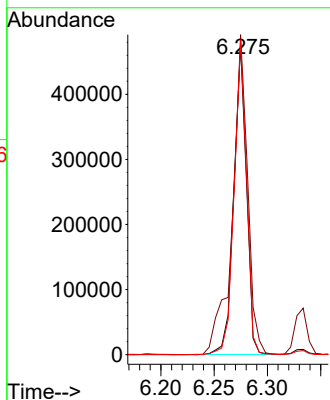
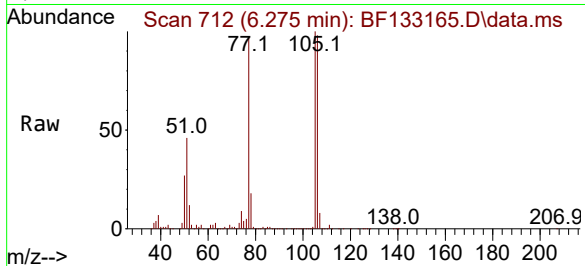




#9
Benzaldehyde
Concen: 60.024 ng
RT: 6.275 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

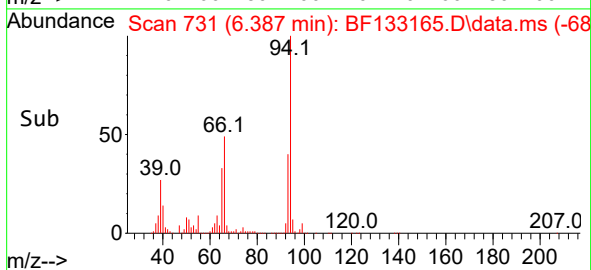
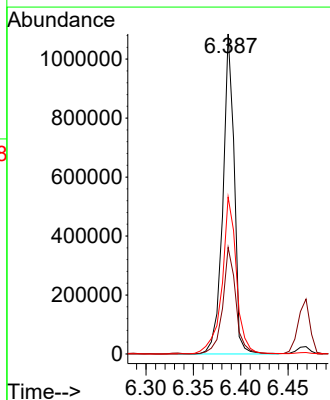
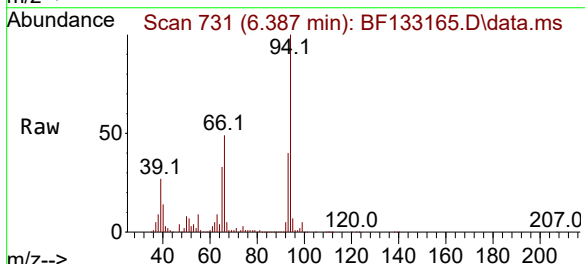
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P001-SS011-0006-01MS

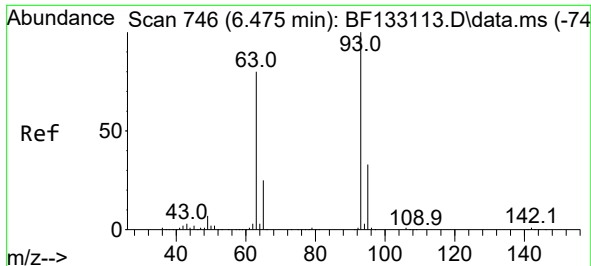
Tgt Ion: 77 Resp: 393375
Ion Ratio Lower Upper
77 100
105 103.5 82.3 122.3
106 101.5 80.8 120.8



#10
Phenol
Concen: 49.012 ng
RT: 6.387 min Scan# 731
Delta R.T. 0.000 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

Tgt Ion: 94 Resp: 907890
Ion Ratio Lower Upper
94 100
65 33.3 8.6 48.6
66 49.1 17.3 57.3





#11

bis(2-Chloroethyl)ether

Concen: 46.885 ng

RT: 6.469 min Scan# 74

Delta R.T. -0.006 min

Lab File: BF133165.D

Acq: 01 May 2023 20:11

Instrument :

BNA_F

ClientSampleId :

P001-SS011-0006-01MS

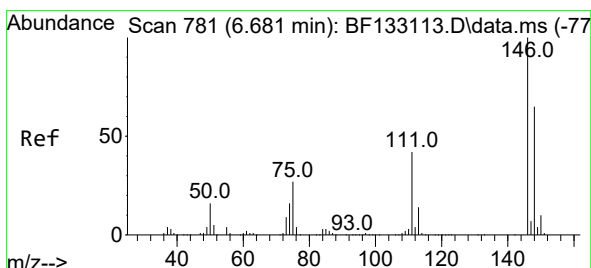
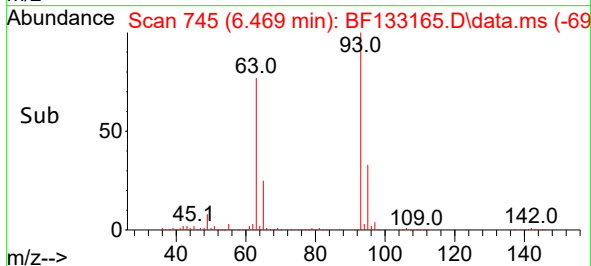
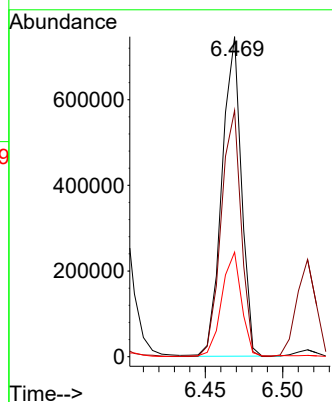
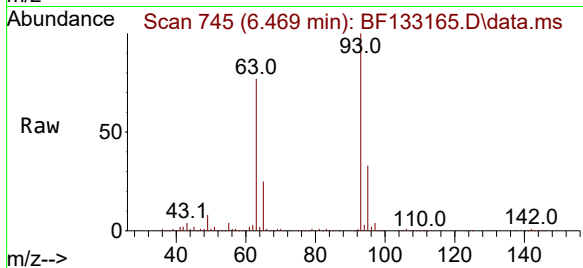
Tgt Ion: 93 Resp: 651729

Ion Ratio Lower Upper

93 100

63 76.9 60.6 100.6

95 32.7 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 49.813 ng

RT: 6.675 min Scan# 780

Delta R.T. 0.000 min

Lab File: BF133165.D

Acq: 01 May 2023 20:11

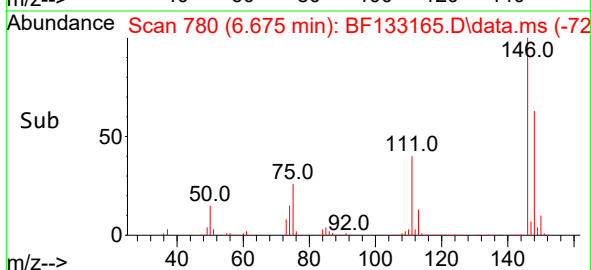
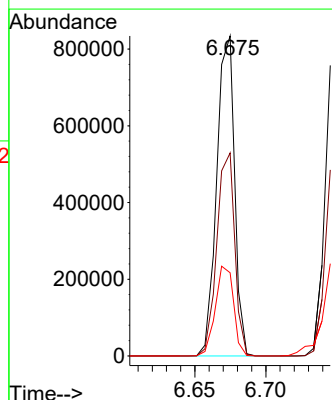
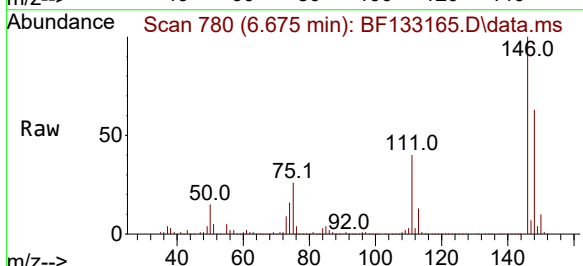
Tgt Ion:146 Resp: 727435

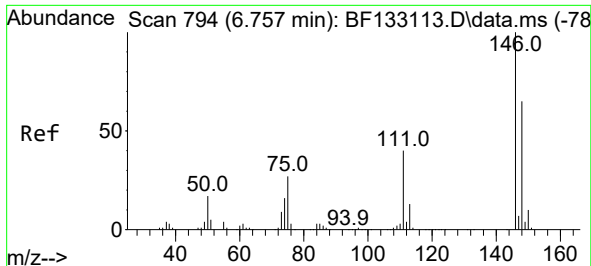
Ion Ratio Lower Upper

146 100

148 63.5 51.0 76.4

75 26.0 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 48.845 ng

RT: 6.751 min Scan# 794

Delta R.T. 0.000 min

Lab File: BF133165.D

Acq: 01 May 2023 20:11

Instrument :

BNA_F

ClientSampleId :

P001-SS011-0006-01MS

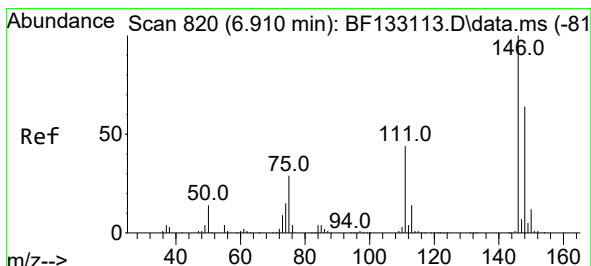
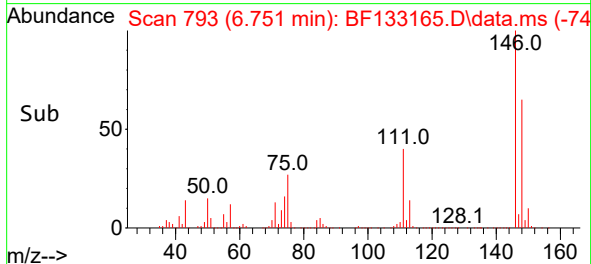
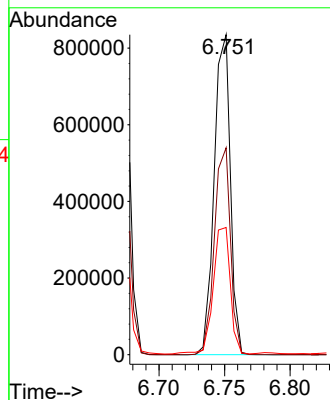
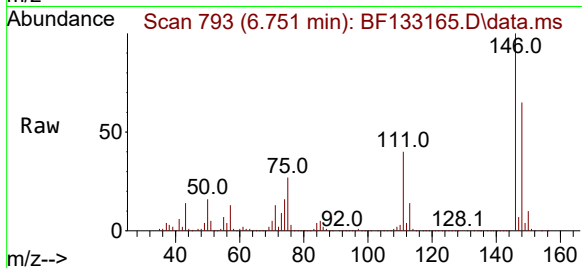
Tgt Ion:146 Resp: 714883

Ion Ratio Lower Upper

146 100

148 64.7 50.3 75.5

111 39.8 33.8 50.6



#14

1,2-Dichlorobenzene

Concen: 51.666 ng

RT: 6.904 min Scan# 819

Delta R.T. 0.000 min

Lab File: BF133165.D

Acq: 01 May 2023 20:11

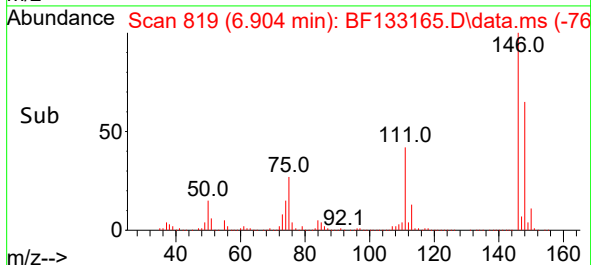
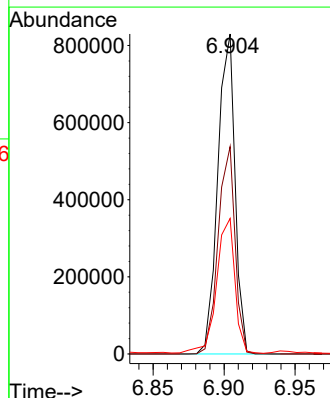
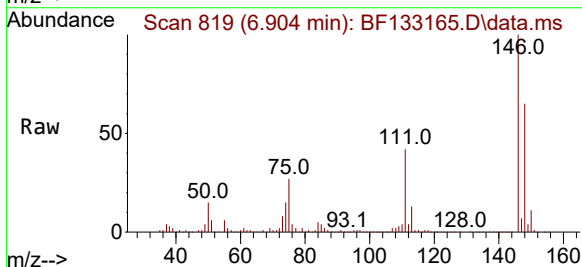
Tgt Ion:146 Resp: 697145

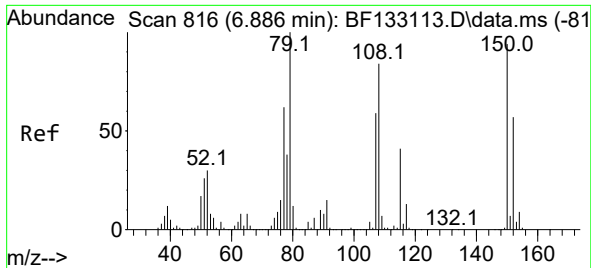
Ion Ratio Lower Upper

146 100

148 64.8 52.2 78.2

111 42.4 32.8 49.2

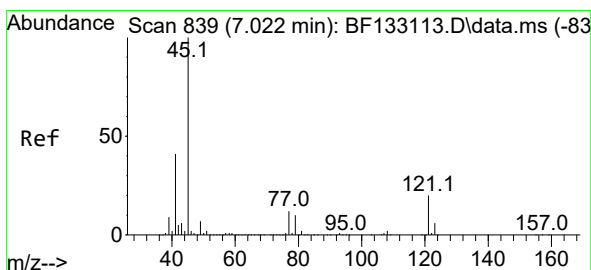
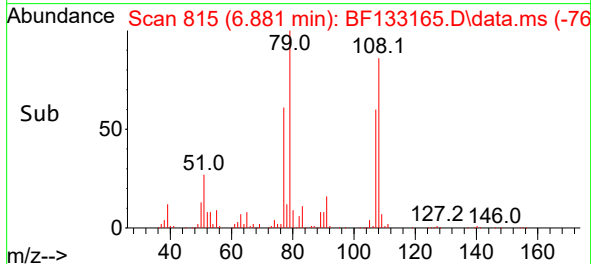
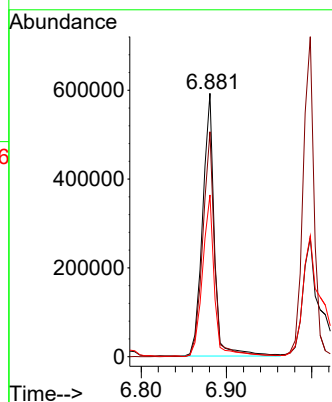
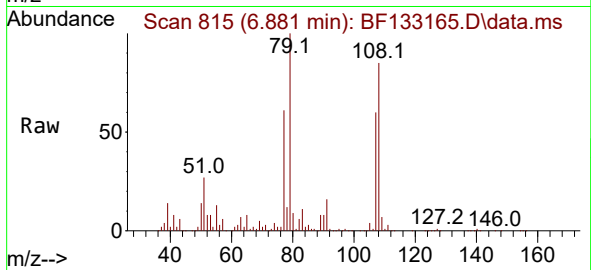




#15
Benzyl Alcohol
Concen: 48.933 ng
RT: 6.881 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

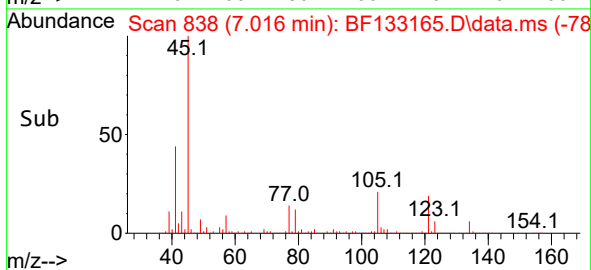
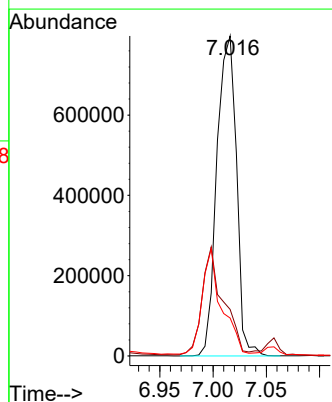
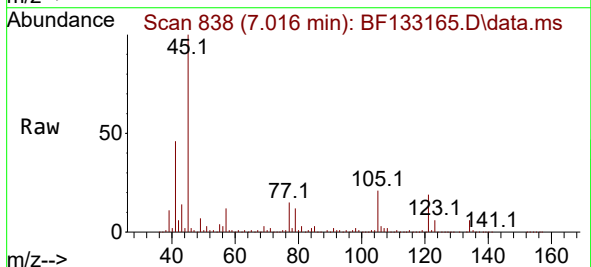
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MS

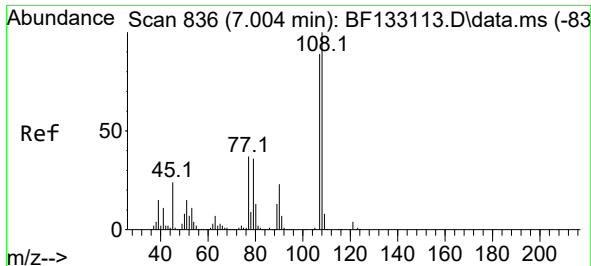
Tgt Ion: 79 Resp: 567570
Ion Ratio Lower Upper
79 100
108 85.4 66.6 99.8
77 61.4 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 42.038 ng
RT: 7.016 min Scan# 838
Delta R.T. 0.000 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

Tgt Ion: 45 Resp: 1014940
Ion Ratio Lower Upper
45 100
77 14.6 0.0 31.5
79 11.9 0.0 28.7

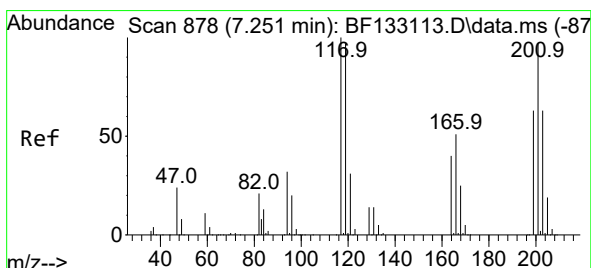
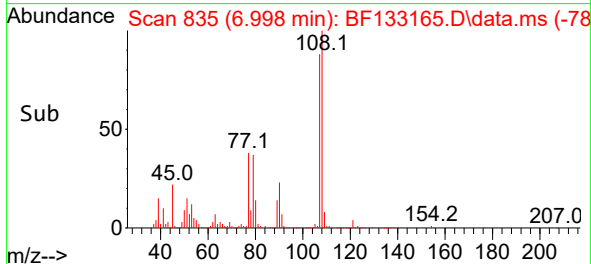
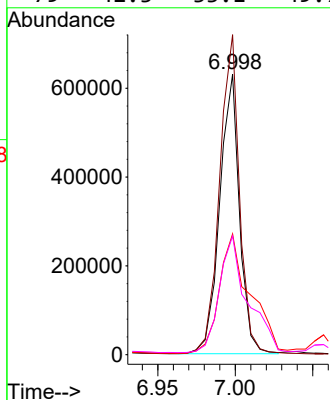
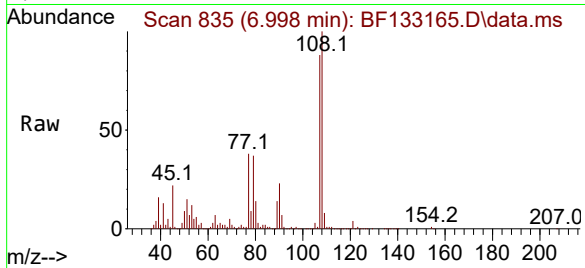




#17
2-Methylphenol
Concen: 44.363 ng
RT: 6.998 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

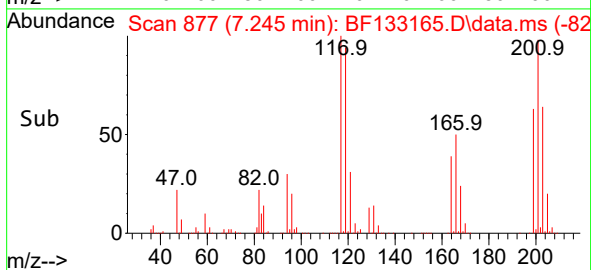
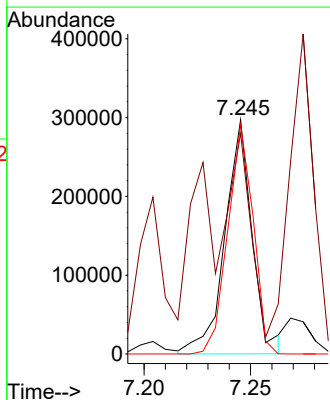
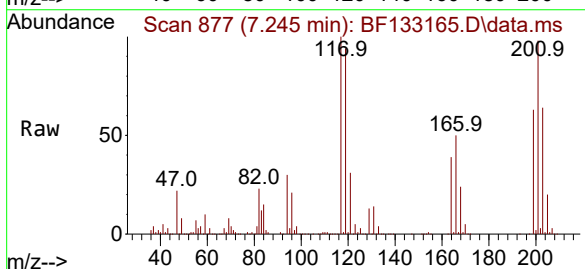
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MS

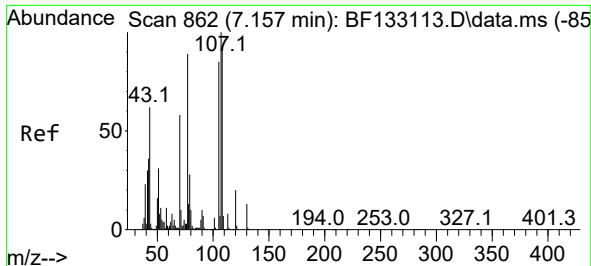
Tgt Ion:	107	Resp:	557962
Ion	Ratio	Lower	Upper
107	100		
108	114.1	92.4	138.6
77	43.1	33.8	50.8
79	42.3	33.1	49.7



#18
Hexachloroethane
Concen: 51.865 ng
RT: 7.245 min Scan# 877
Delta R.T. 0.000 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

Tgt Ion:	117	Resp:	263910
Ion	Ratio	Lower	Upper
117	100		
119	94.3	78.2	117.4
201	98.0	81.7	122.5

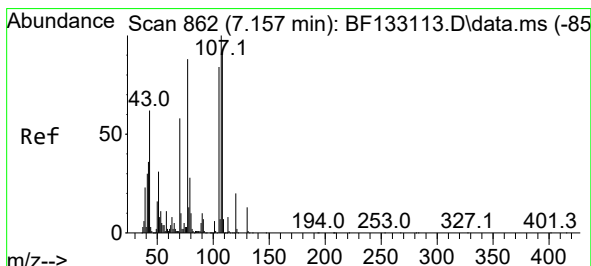
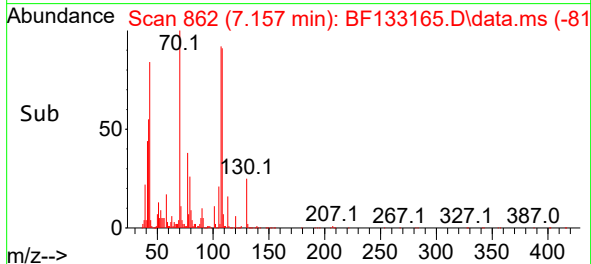
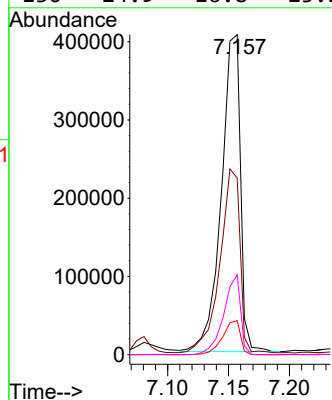
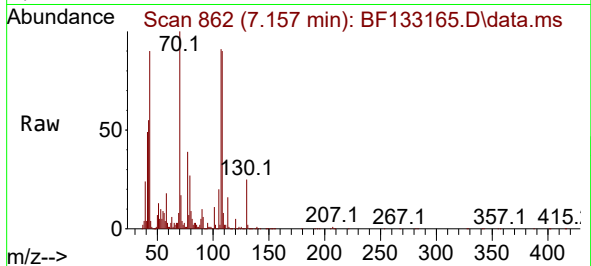




#19
n-Nitroso-di-n-propylamine
Concen: 42.510 ng
RT: 7.157 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

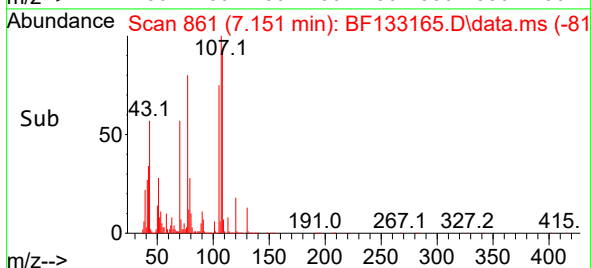
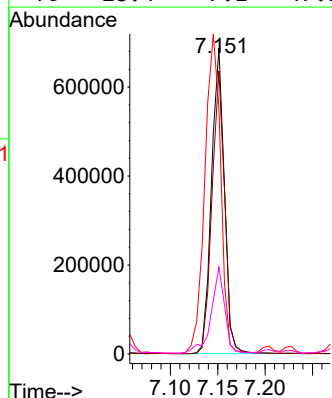
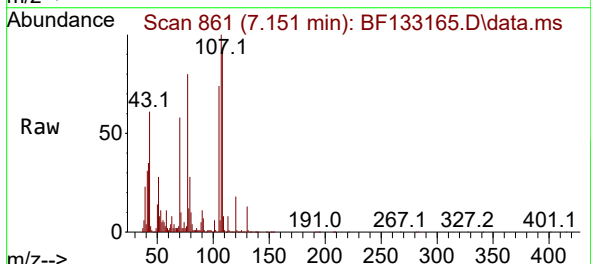
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MS

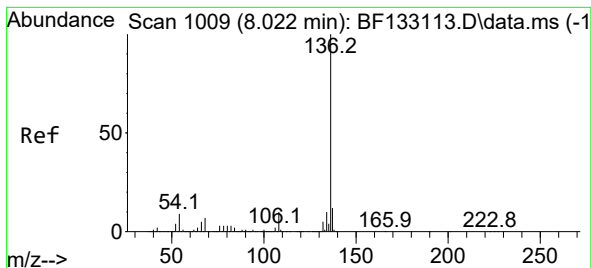
Tgt Ion: 70 Resp: 444378
Ion Ratio Lower Upper
70 100
42 55.2 51.8 77.6
101 10.7 8.0 12.0
130 24.9 16.8 25.2



#20
3+4-Methylphenols
Concen: 43.834 ng
RT: 7.151 min Scan# 861
Delta R.T. 0.000 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

Tgt Ion: 107 Resp: 649261
Ion Ratio Lower Upper
107 100
108 92.5 70.5 110.5
77 80.2 91.7 131.7#
79 28.4 7.1 47.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.016 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133165.D

Acq: 01 May 2023 20:11

Instrument :

BNA_F

ClientSampleId :

P001-SS011-0006-01MS

Tgt Ion:136 Resp: 790892

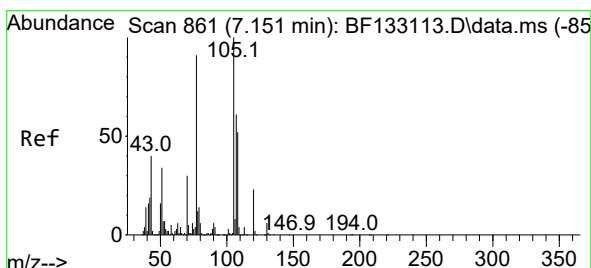
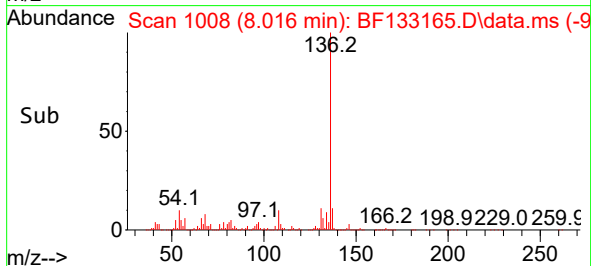
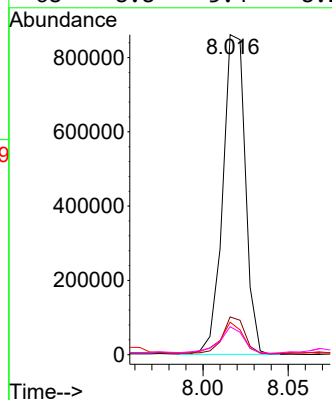
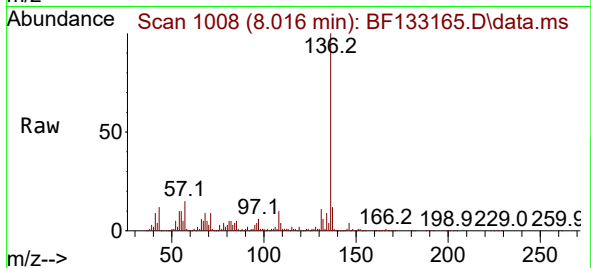
Ion Ratio Lower Upper

136 100

137 11.8 8.6 13.0

54 10.1 7.0 10.4

68 8.8 5.4 8.2#



#22

Acetophenone

Concen: 53.691 ng

RT: 7.145 min Scan# 860

Delta R.T. 0.000 min

Lab File: BF133165.D

Acq: 01 May 2023 20:11

Tgt Ion:105 Resp: 983652

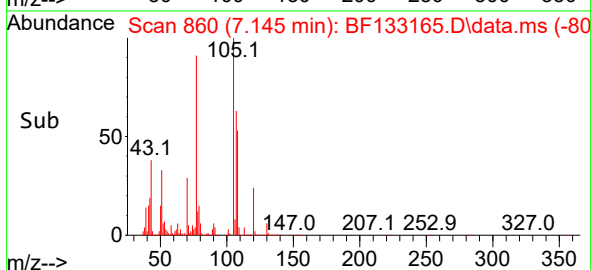
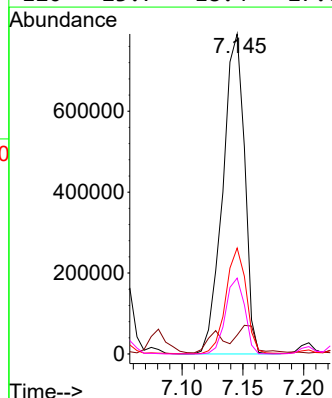
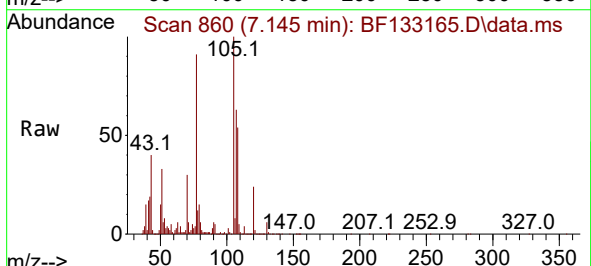
Ion Ratio Lower Upper

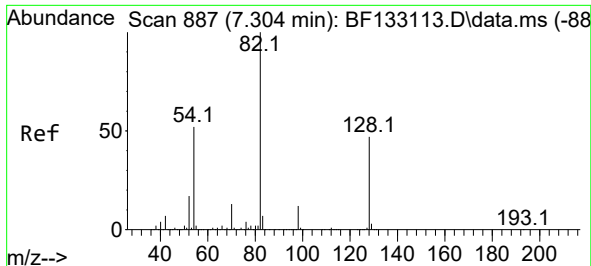
105 100

71 5.9 4.6 7.0

51 33.1 28.2 42.2

120 23.7 18.4 27.6





#23

Nitrobenzene-d5

Concen: 41.356 ng

RT: 7.298 min Scan# 886

Delta R.T. -0.006 min

Lab File: BF133165.D

Acq: 01 May 2023 20:11

Instrument :

BNA_F

ClientSampleId :

P001-SS011-0006-01MS

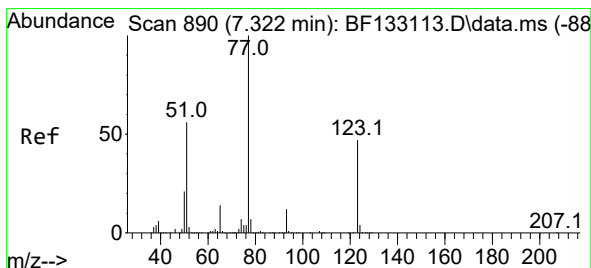
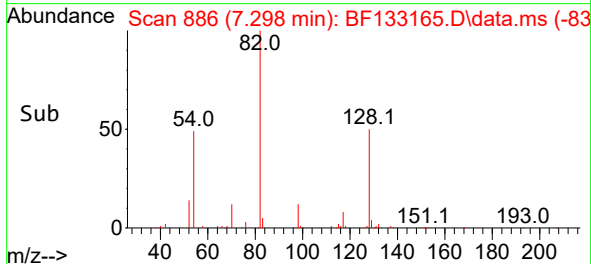
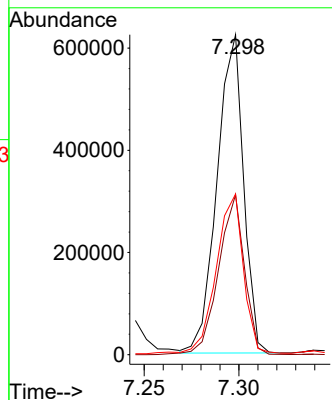
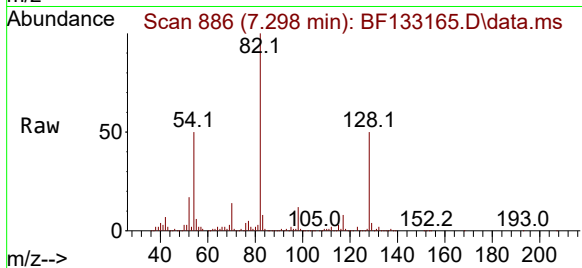
Tgt Ion: 82 Resp: 605959

Ion Ratio Lower Upper

82 100

128 50.0 37.7 56.5

54 50.2 43.0 64.4



#24

Nitrobenzene

Concen: 44.876 ng

RT: 7.316 min Scan# 889

Delta R.T. -0.006 min

Lab File: BF133165.D

Acq: 01 May 2023 20:11

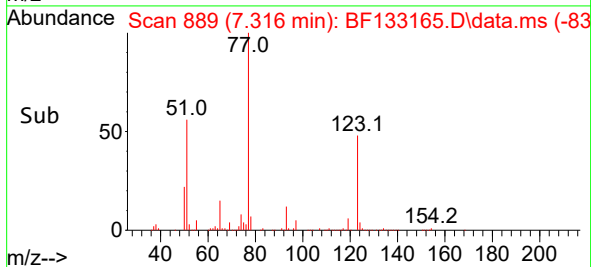
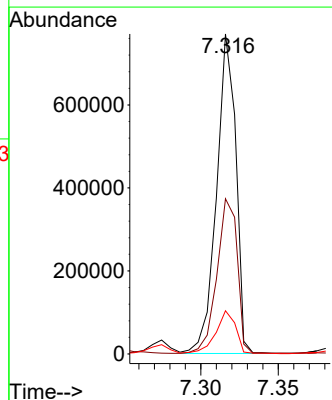
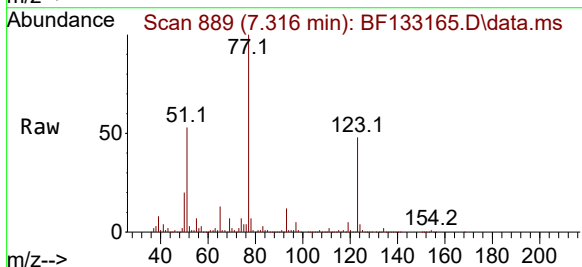
Tgt Ion: 77 Resp: 666308

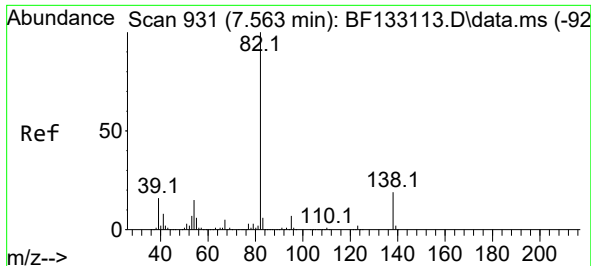
Ion Ratio Lower Upper

77 100

123 48.5 39.9 59.9

65 13.5 10.7 16.1

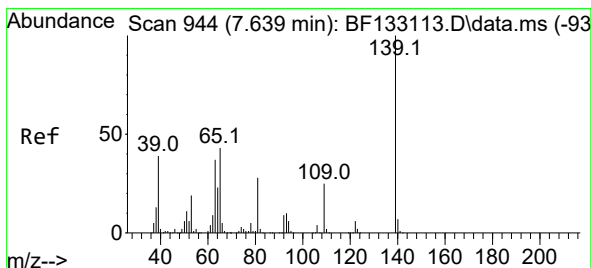
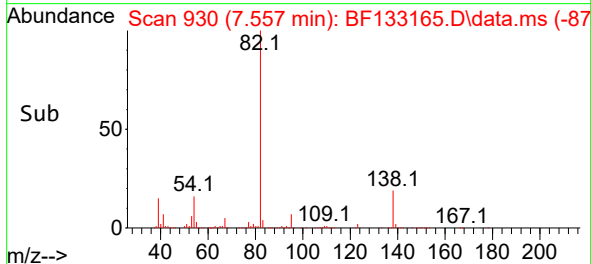
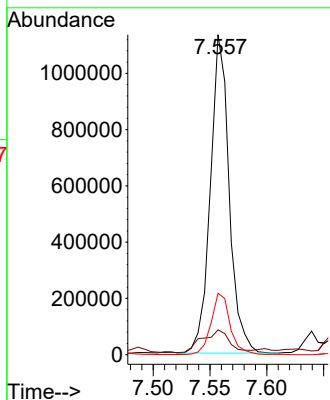
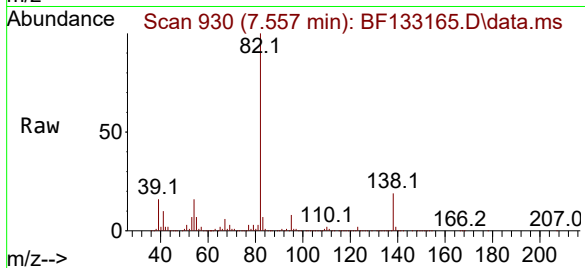




#25
Isophorone
Concen: 46.872 ng
RT: 7.557 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

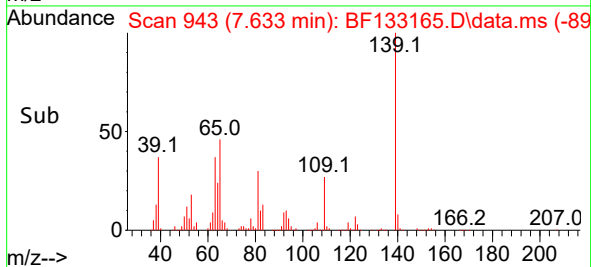
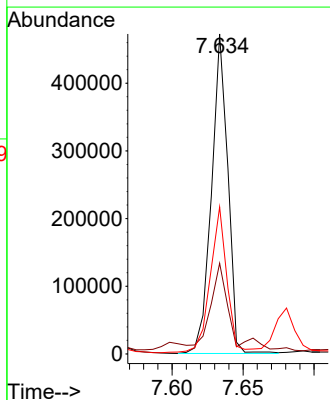
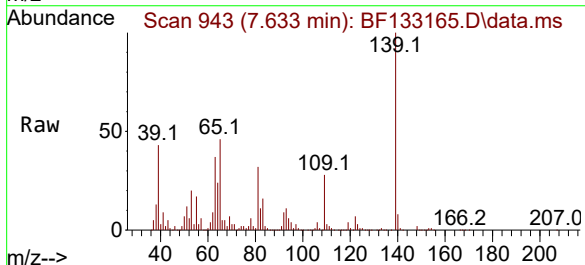
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MS

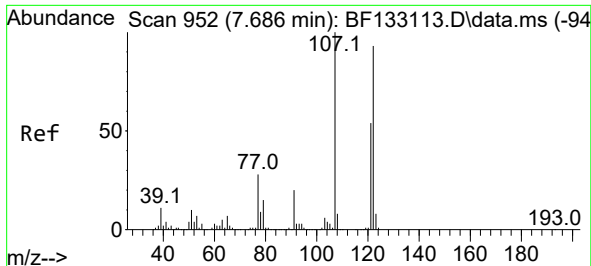
Tgt Ion: 82 Resp: 1303975
Ion Ratio Lower Upper
82 100
95 7.7 5.4 8.0
138 19.2 16.0 24.0



#26
2-Nitrophenol
Concen: 52.743 ng
RT: 7.633 min Scan# 943
Delta R.T. 0.000 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

Tgt Ion:139 Resp: 377716
Ion Ratio Lower Upper
139 100
109 28.3 21.6 32.4
65 46.0 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 48.401 ng

RT: 7.681 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF133165.D

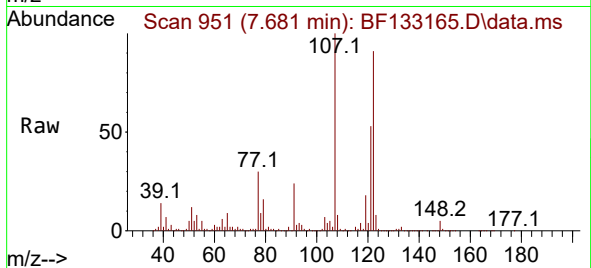
Acq: 01 May 2023 20:11

Instrument :

BNA_F

ClientSampleId :

P001-SS011-0006-01MS



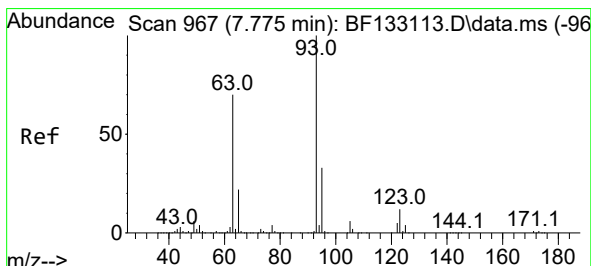
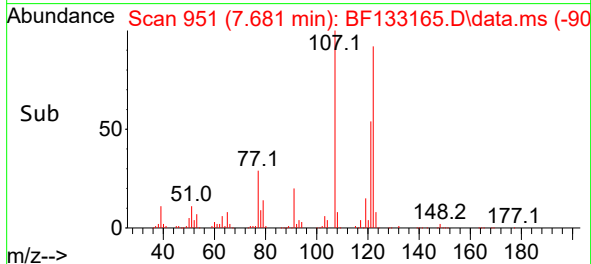
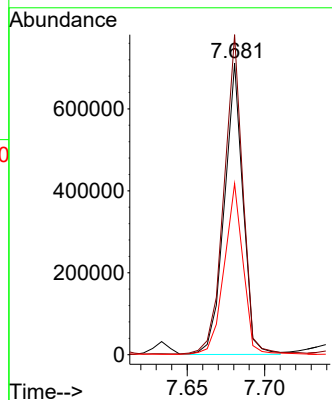
Tgt Ion:122 Resp: 594365

Ion Ratio Lower Upper

122 100

107 109.7 89.7 134.5

121 58.6 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 46.022 ng

RT: 7.775 min Scan# 967

Delta R.T. 0.000 min

Lab File: BF133165.D

Acq: 01 May 2023 20:11

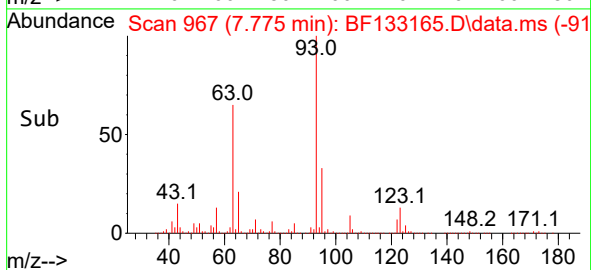
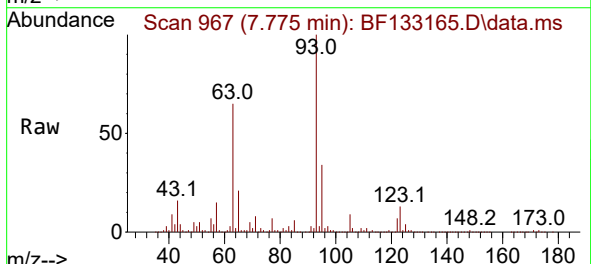
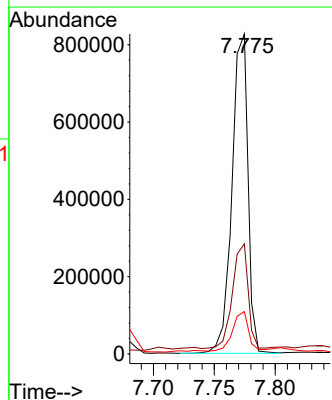
Tgt Ion: 93 Resp: 757431

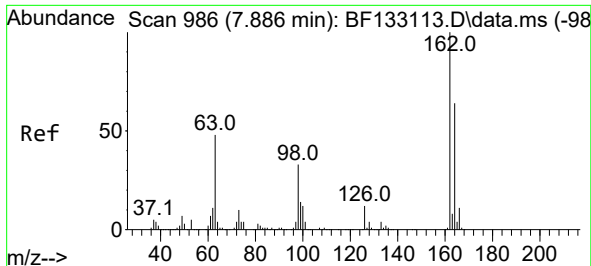
Ion Ratio Lower Upper

93 100

95 34.4 26.4 39.6

123 13.3 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 48.904 ng

RT: 7.881 min Scan# 986

Delta R.T. 0.000 min

Lab File: BF133165.D

Acq: 01 May 2023 20:11

Instrument :

BNA_F

ClientSampleId :

P001-SS011-0006-01MS

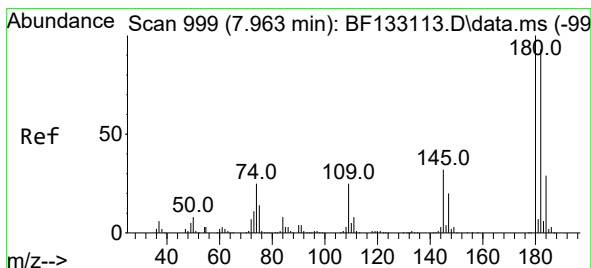
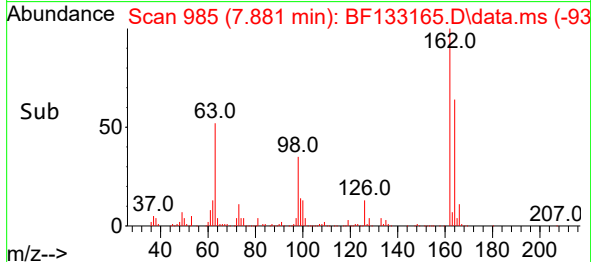
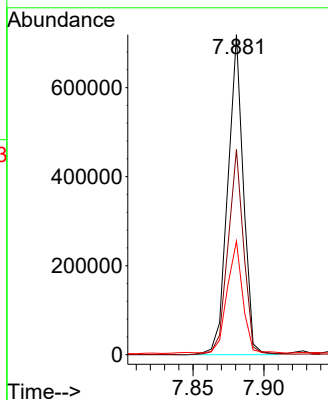
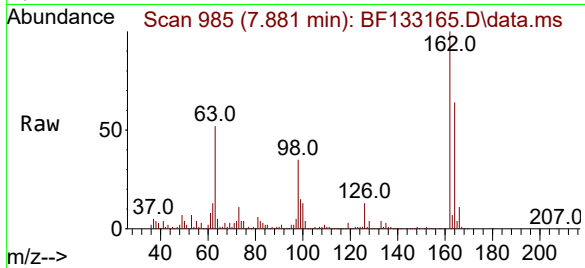
Tgt Ion:162 Resp: 546703

Ion Ratio Lower Upper

162 100

164 64.1 43.9 83.9

98 35.4 17.0 57.0



#30

1,2,4-Trichlorobenzene

Concen: 49.239 ng

RT: 7.963 min Scan# 999

Delta R.T. 0.000 min

Lab File: BF133165.D

Acq: 01 May 2023 20:11

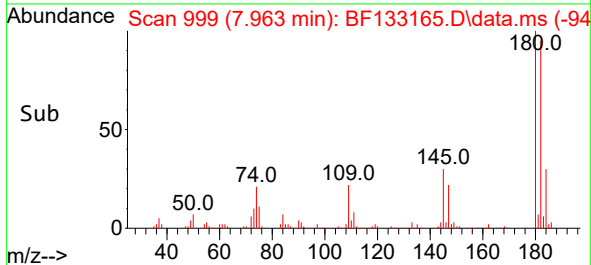
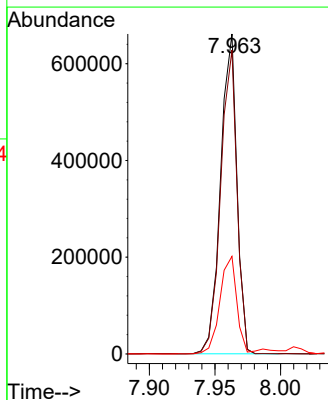
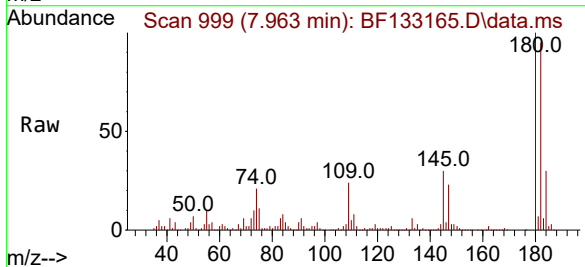
Tgt Ion:180 Resp: 570259

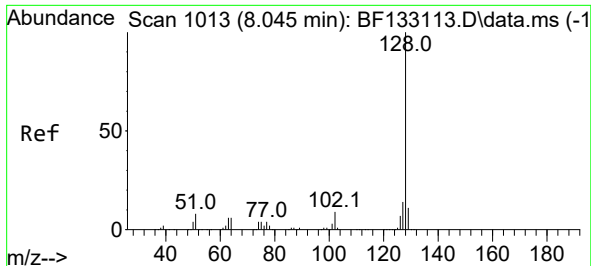
Ion Ratio Lower Upper

180 100

182 94.9 75.9 113.9

145 30.5 25.3 37.9

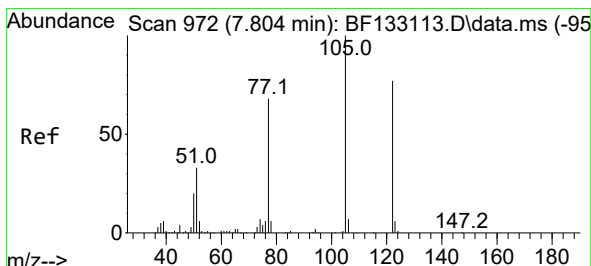
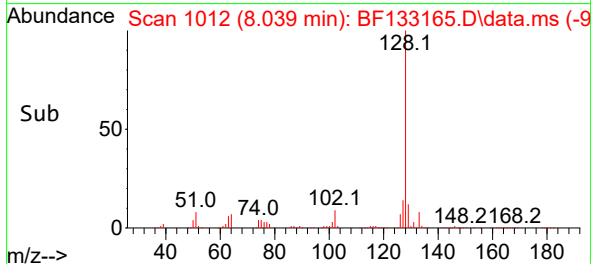
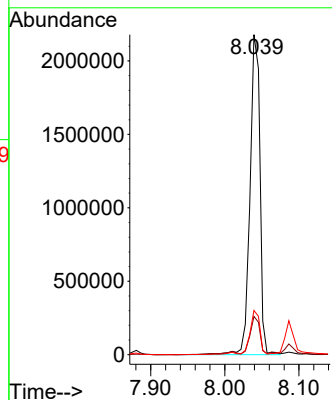
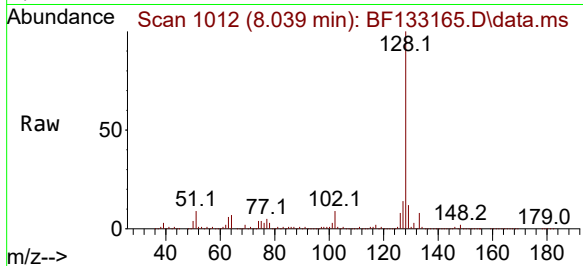




#31
Naphthalene
Concen: 51.166 ng
RT: 8.039 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

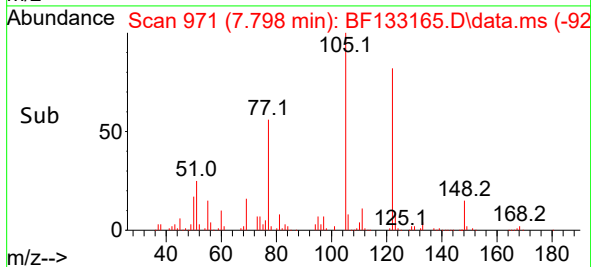
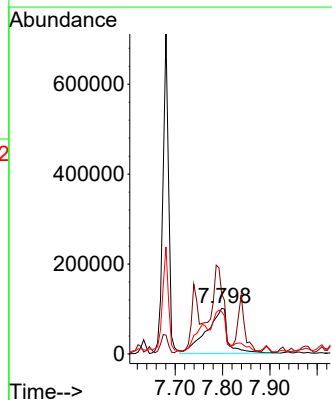
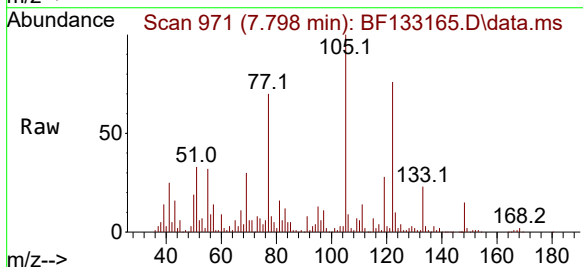
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MS

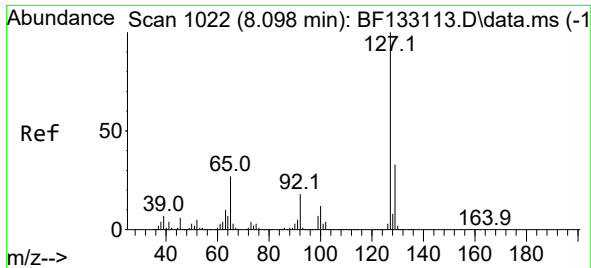
Tgt Ion:128 Resp: 2023223
Ion Ratio Lower Upper
128 100
129 11.9 8.8 13.2
127 13.8 10.7 16.1



#32
Benzoic acid
Concen: 41.030 ng
RT: 7.798 min Scan# 971
Delta R.T. -0.006 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

Tgt Ion:122 Resp: 311222
Ion Ratio Lower Upper
122 100
105 132.0 104.2 144.2
77 92.6 69.7 109.7

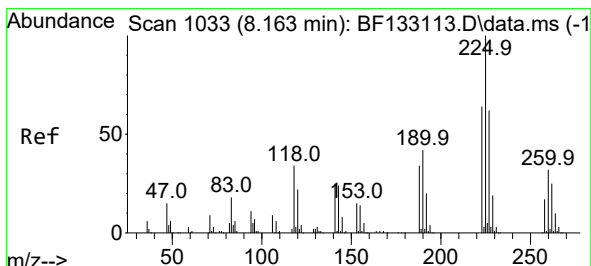
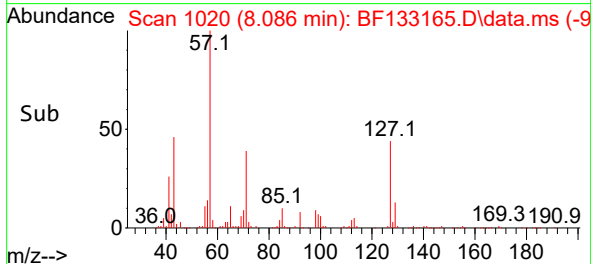
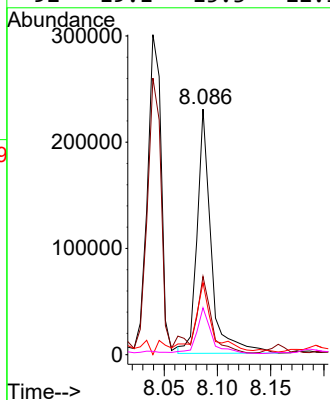
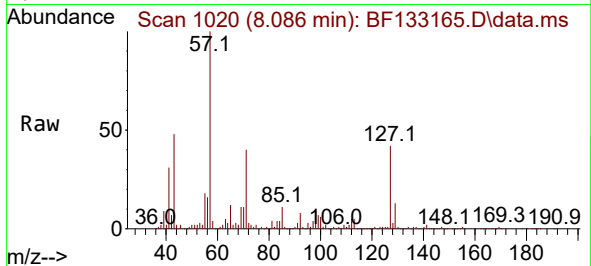




#33
4-Chloroaniline
Concen: 13.186 ng
RT: 8.086 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

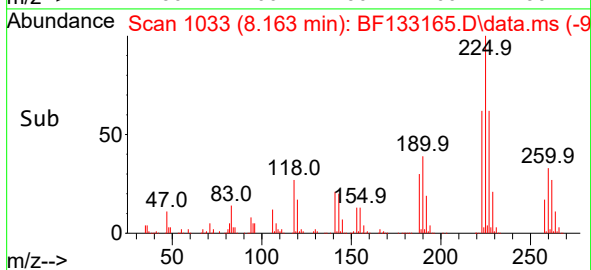
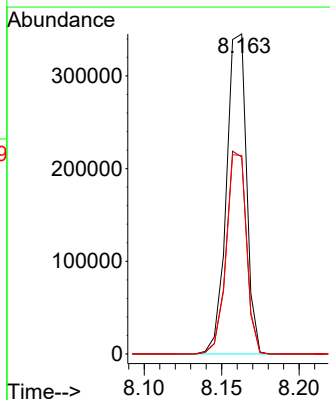
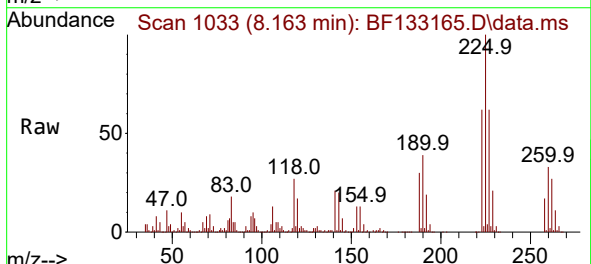
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MS

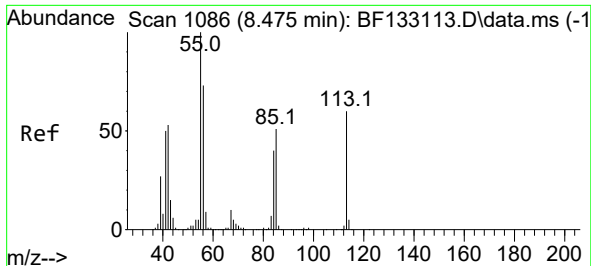
Tgt Ion:127	Resp: 210665
Ion Ratio	Lower Upper
127 100	
129 31.8	25.8 38.8
65 29.3	23.6 35.4
92 19.1	15.3 22.9



#34
Hexachlorobutadiene
Concen: 48.377 ng
RT: 8.163 min Scan# 1033
Delta R.T. 0.000 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

Tgt	Ion:225	Resp:	310526
Ion	Ratio	Lower	Upper
225	100		
223	61.6	50.9	76.3
227	62.1	50.3	75.5

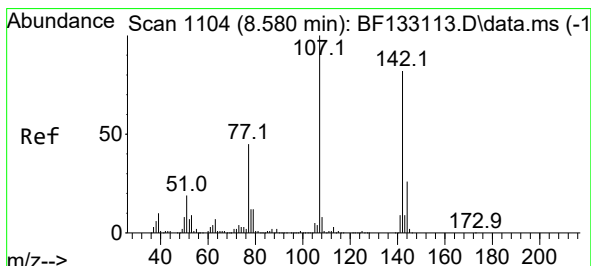
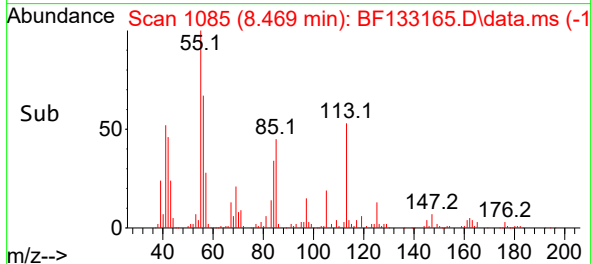
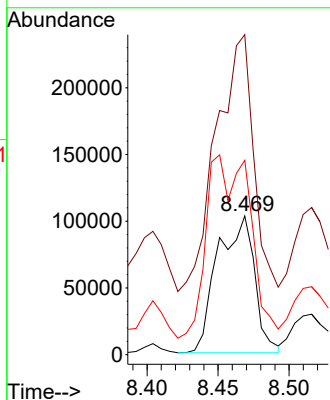
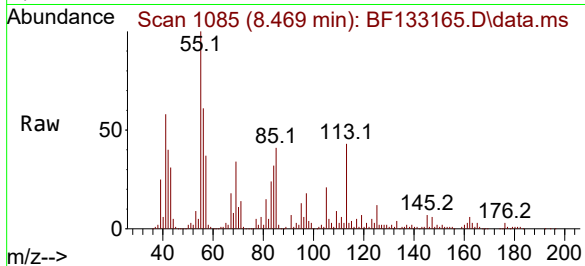




#35
Caprolactam
Concen: 49.507 ng
RT: 8.469 min Scan# 1085
Delta R.T. 0.000 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

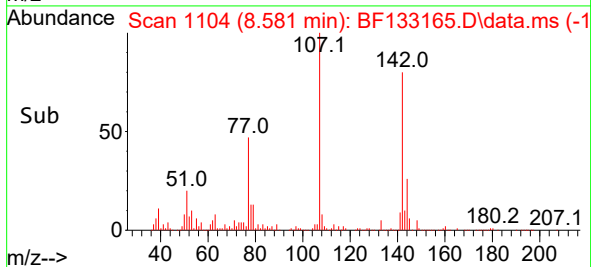
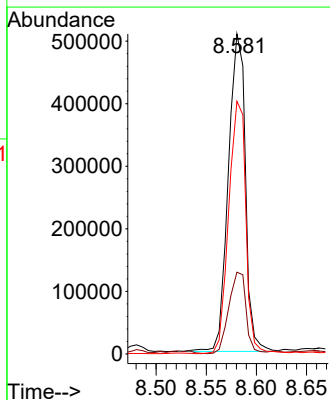
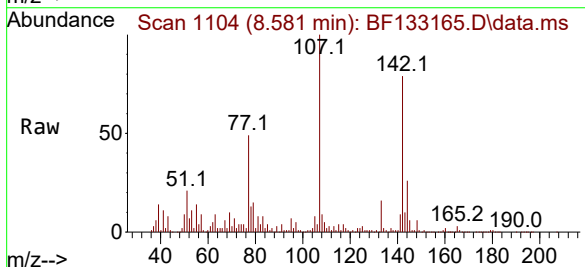
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MS

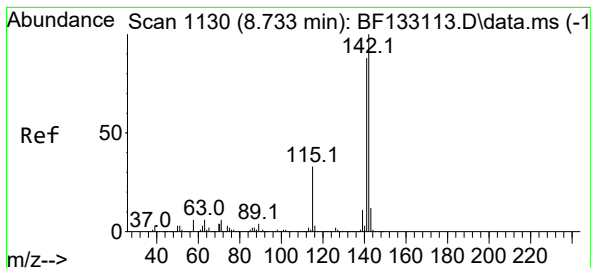
Tgt Ion:113 Resp: 185919
Ion Ratio Lower Upper
113 100
55 230.7 167.1 207.1#
56 140.2 114.5 154.5



#36
4-Chloro-3-methylphenol
Concen: 49.931 ng
RT: 8.581 min Scan# 1104
Delta R.T. 0.006 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

Tgt Ion:107 Resp: 601928
Ion Ratio Lower Upper
107 100
144 25.5 20.6 30.8
142 79.0 62.8 94.2





#37

2-Methylnaphthalene

Concen: 56.177 ng

RT: 8.733 min Scan# 1130

Delta R.T. 0.000 min

Lab File: BF133165.D

Acq: 01 May 2023 20:11

Instrument :

BNA_F

ClientSampleId :

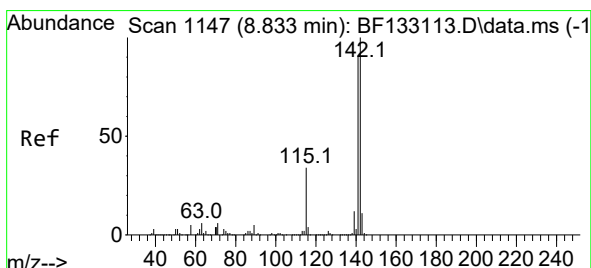
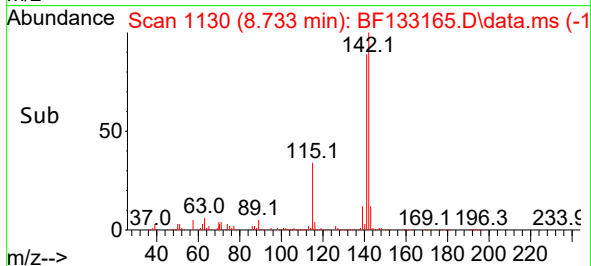
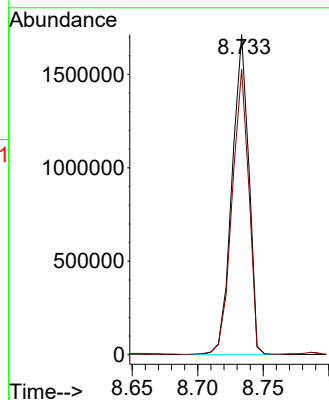
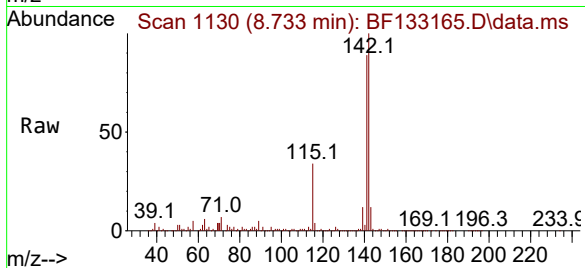
P001-SS011-0006-01MS

Tgt Ion:142 Resp: 1518692

Ion Ratio Lower Upper

142 100

141 89.2 69.4 104.0



#38

1-Methylnaphthalene

Concen: 51.756 ng

RT: 8.833 min Scan# 1147

Delta R.T. 0.006 min

Lab File: BF133165.D

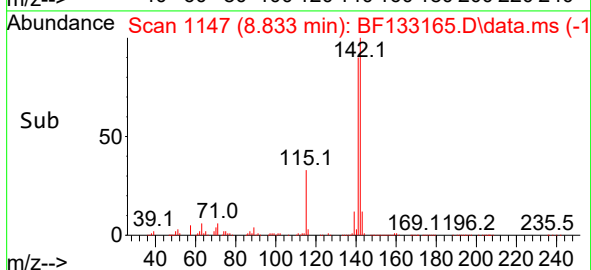
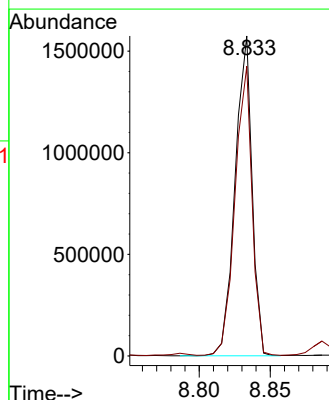
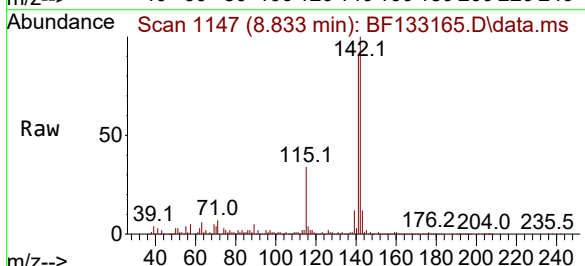
Acq: 01 May 2023 20:11

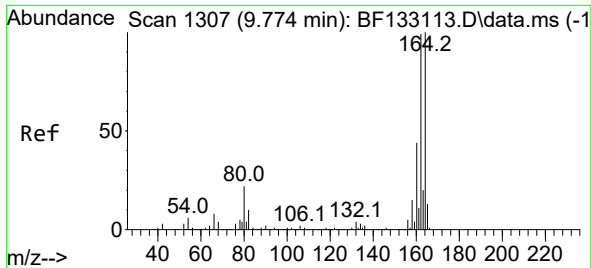
Tgt Ion:142 Resp: 1308901

Ion Ratio Lower Upper

142 100

141 90.5 73.1 109.7

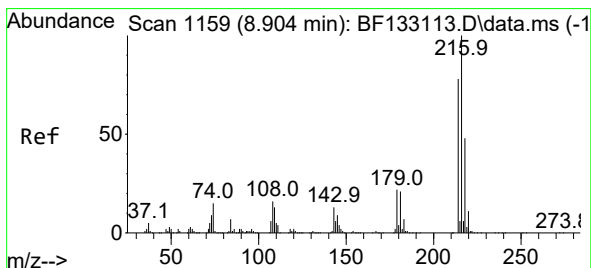
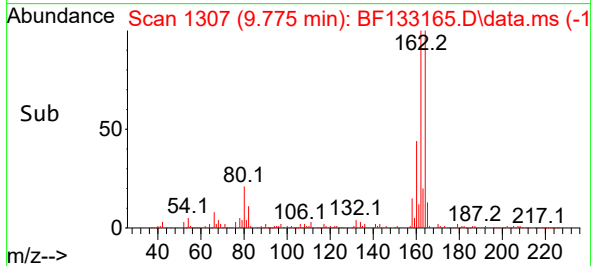
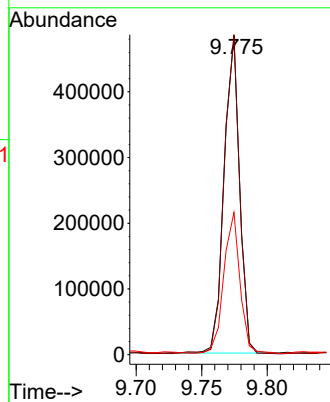
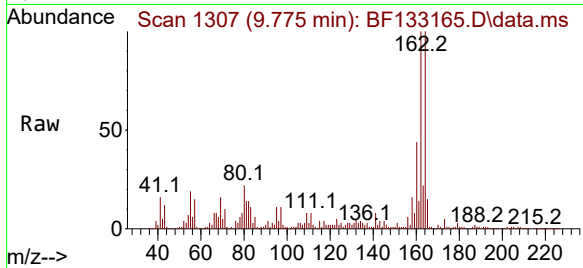




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1159
Delta R.T. 0.006 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

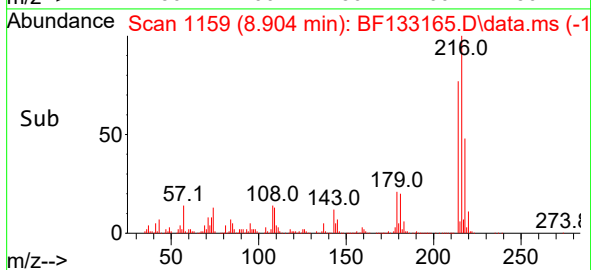
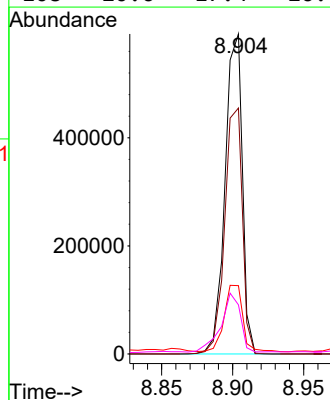
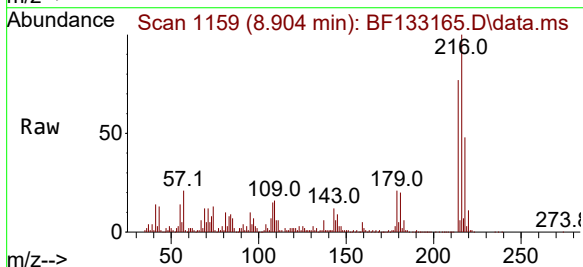
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MS

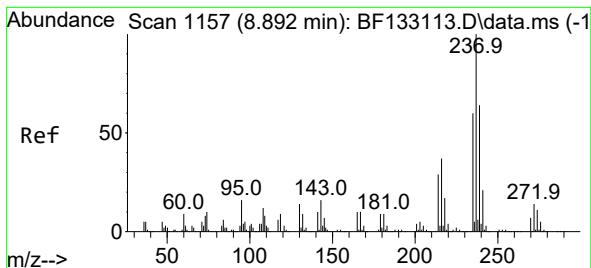
Tgt Ion:164 Resp: 397770
Ion Ratio Lower Upper
164 100
162 100.3 78.7 118.1
160 44.6 35.8 53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.824 ng
RT: 8.904 min Scan# 1159
Delta R.T. 0.006 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

Tgt Ion:216 Resp: 500775
Ion Ratio Lower Upper
216 100
214 78.6 63.5 95.3
179 23.3 17.4 26.2
108 20.6 17.4 26.0





#41

Hexachlorocyclopentadiene

Concen: 85.485 ng

RT: 8.886 min Scan# 1156

Delta R.T. 0.000 min

Lab File: BF133165.D

Acq: 01 May 2023 20:11

Instrument :

BNA_F

ClientSampleId :

P001-SS011-0006-01MS

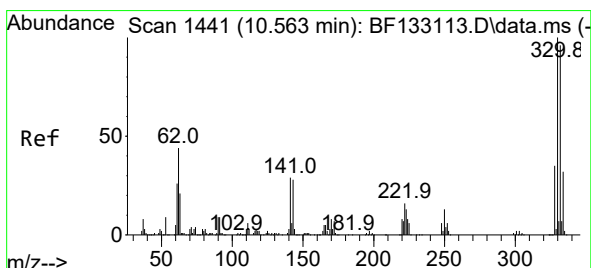
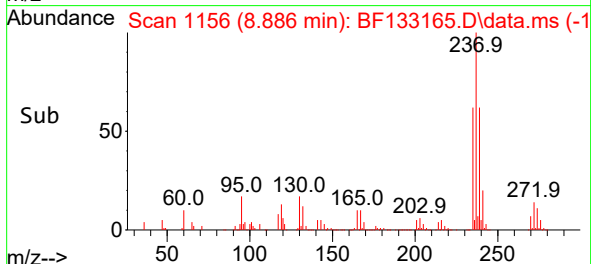
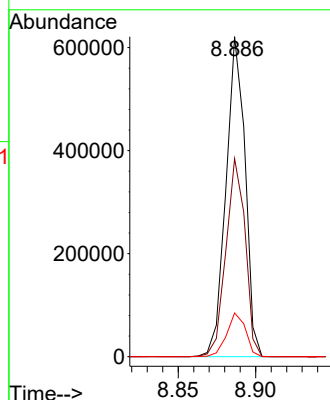
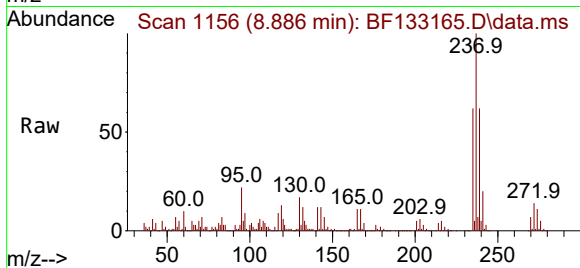
Tgt Ion:237 Resp: 533199

Ion Ratio Lower Upper

237 100

235 61.9 43.5 83.5

272 13.6 0.0 32.7



#42

2,4,6-Tribromophenol

Concen: 62.834 ng

RT: 10.563 min Scan# 1441

Delta R.T. 0.000 min

Lab File: BF133165.D

Acq: 01 May 2023 20:11

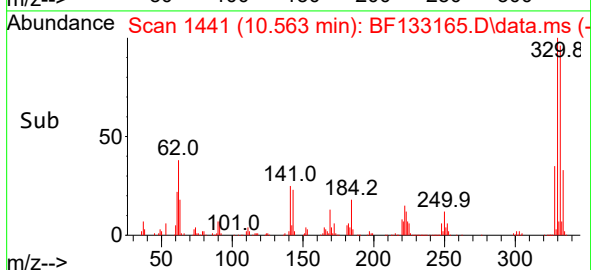
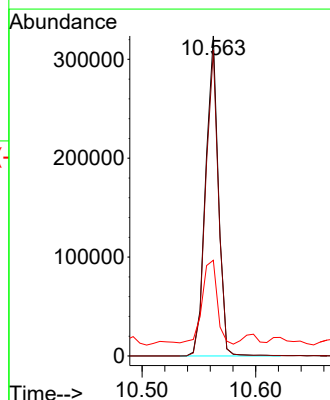
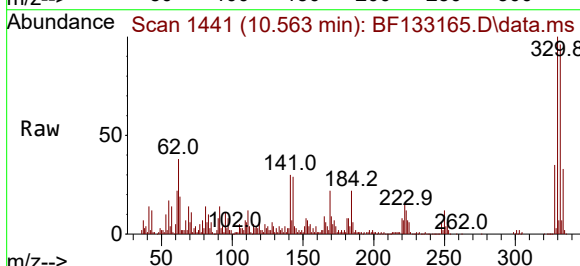
Tgt Ion:330 Resp: 251358

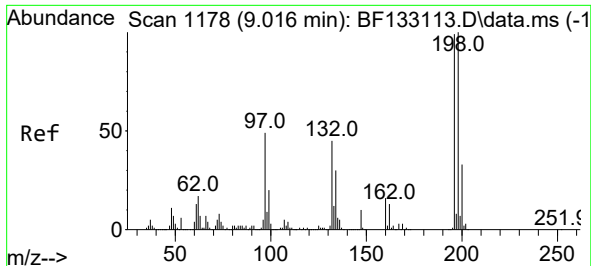
Ion Ratio Lower Upper

330 100

332 96.7 77.1 115.7

141 30.9 25.8 38.8

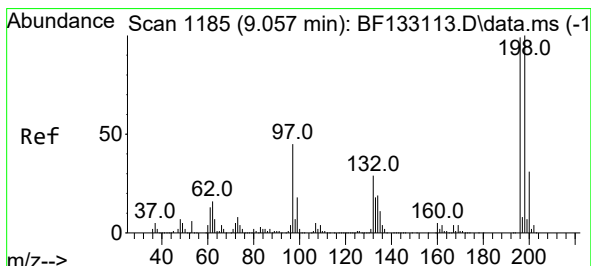
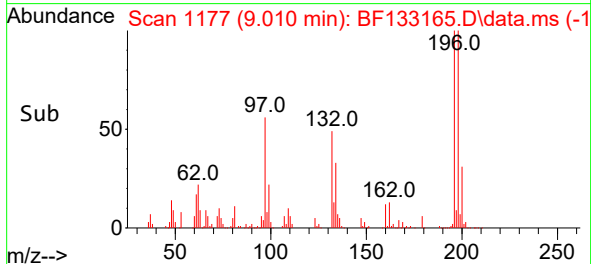
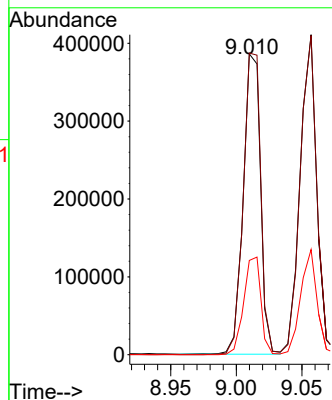
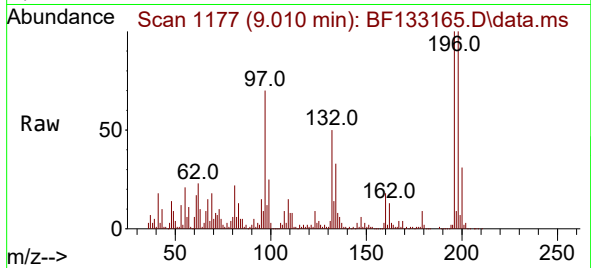




#43
2,4,6-Trichlorophenol
Concen: 47.976 ng
RT: 9.010 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

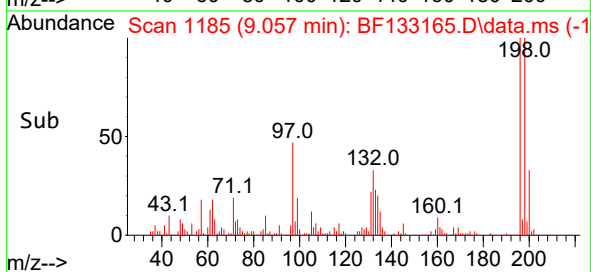
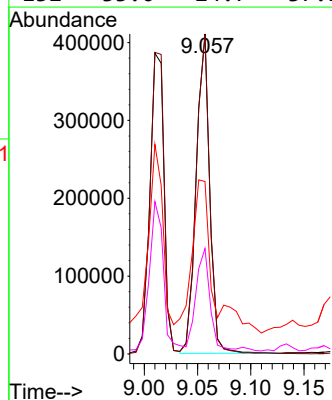
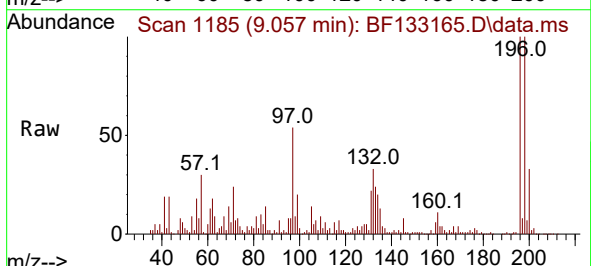
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MS

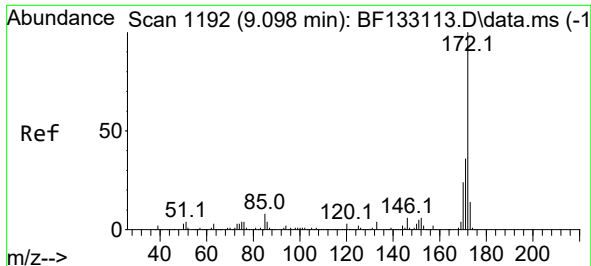
Tgt Ion:196 Resp: 354845
Ion Ratio Lower Upper
196 100
198 100.2 81.0 121.6
200 31.3 26.1 39.1



#44
2,4,5-Trichlorophenol
Concen: 42.479 ng
RT: 9.057 min Scan# 1185
Delta R.T. 0.006 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

Tgt Ion:196 Resp: 363367
Ion Ratio Lower Upper
196 100
198 99.8 80.9 121.3
97 53.9 41.3 61.9
132 33.0 24.7 37.1

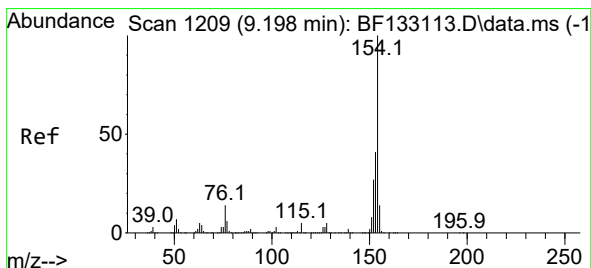
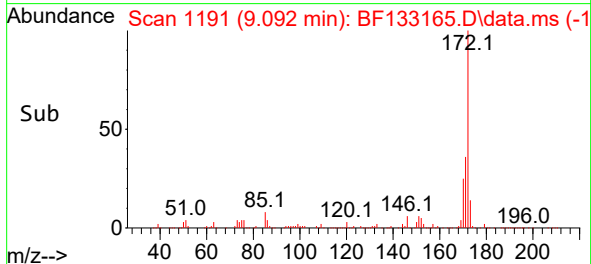
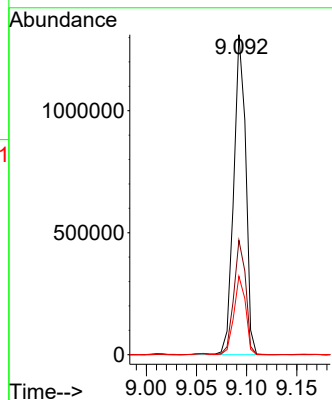
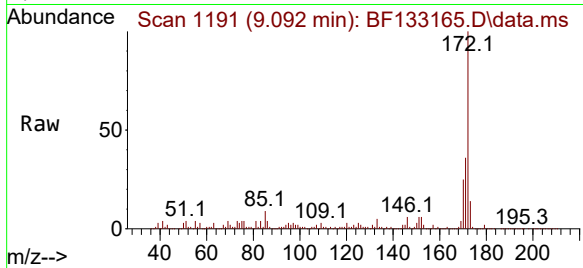




#45
2-Fluorobiphenyl
Concen: 46.089 ng
RT: 9.092 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

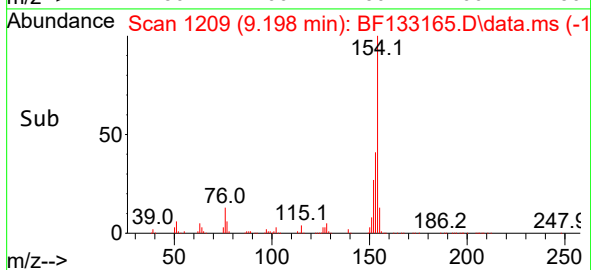
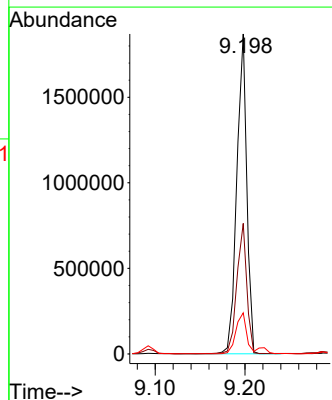
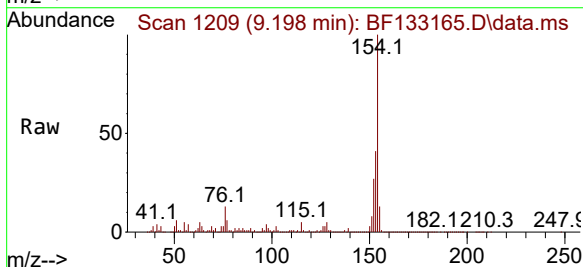
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MS

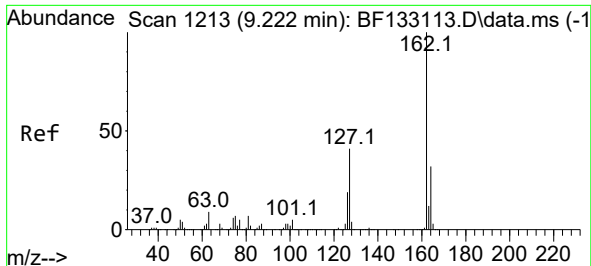
Tgt Ion:172 Resp: 1095817
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 24.5 19.4 29.2



#46
1,1'-Biphenyl
Concen: 45.708 ng
RT: 9.198 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

Tgt Ion:154 Resp: 1441680
Ion Ratio Lower Upper
154 100
153 40.8 21.0 61.0
76 12.8 0.0 34.5

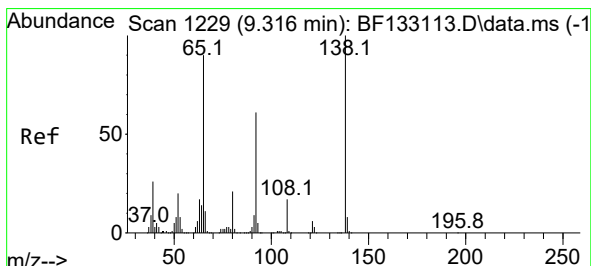
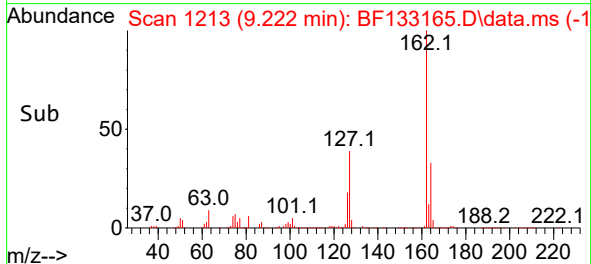
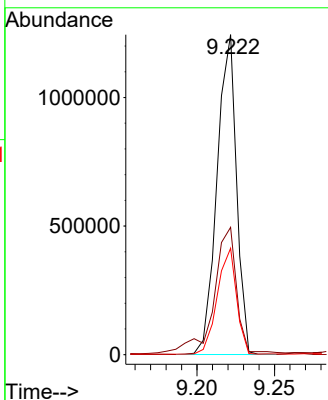
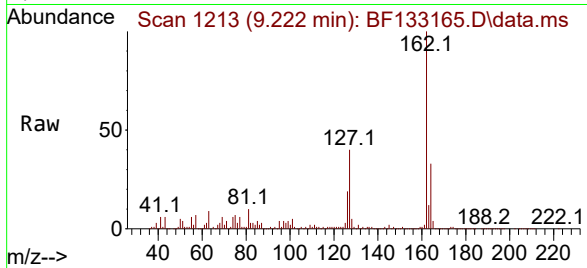




#47
2-Chloronaphthalene
Concen: 46.966 ng
RT: 9.222 min Scan# 1213
Delta R.T. 0.000 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

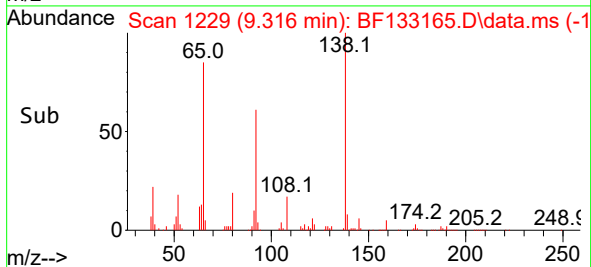
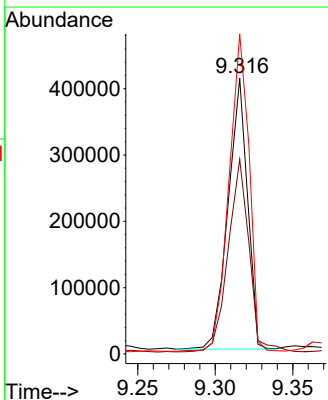
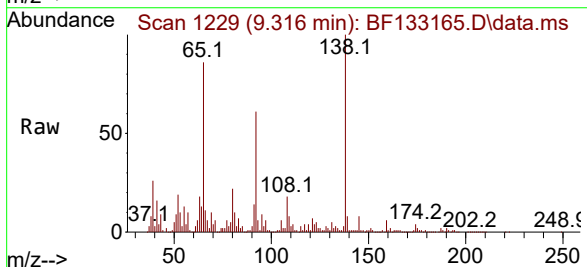
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MS

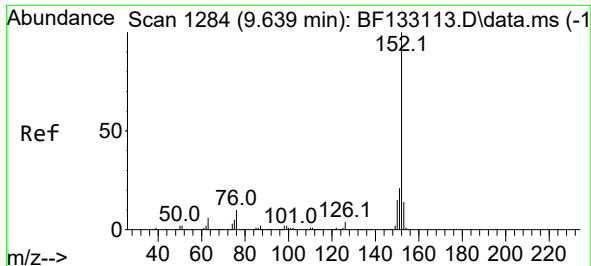
Tgt Ion:162 Resp: 1084279
Ion Ratio Lower Upper
162 100
127 39.8 32.3 48.5
164 33.3 26.8 40.2



#48
2-Nitroaniline
Concen: 46.601 ng
RT: 9.316 min Scan# 1229
Delta R.T. 0.000 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

Tgt Ion: 65 Resp: 355558
Ion Ratio Lower Upper
65 100
92 70.6 55.4 83.0
138 116.1 98.2 147.2

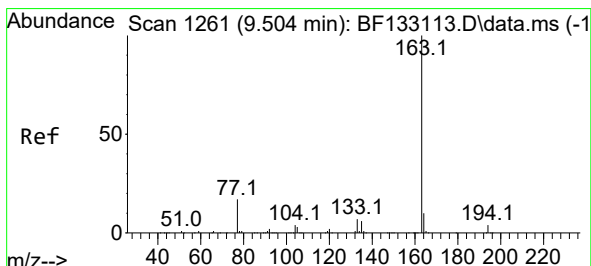
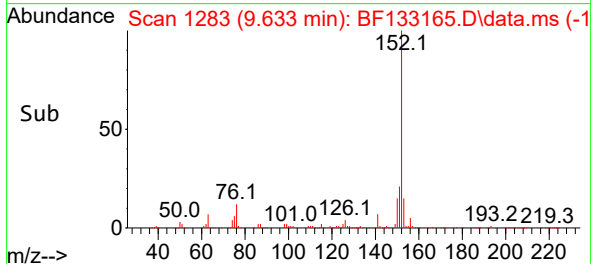
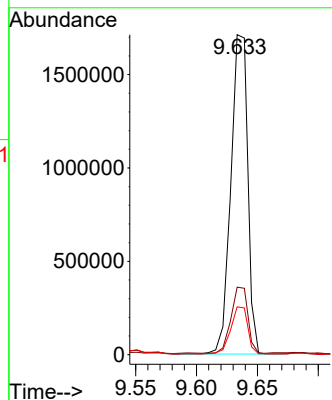
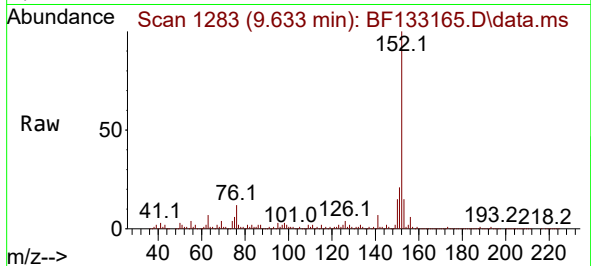




#49
Acenaphthylene
Concen: 44.891 ng
RT: 9.633 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

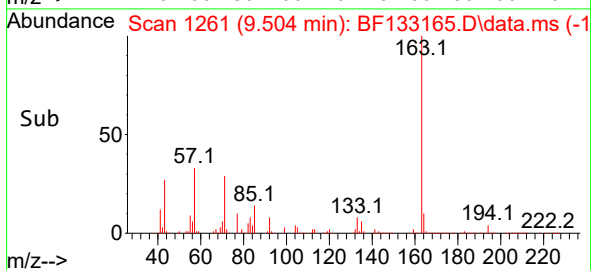
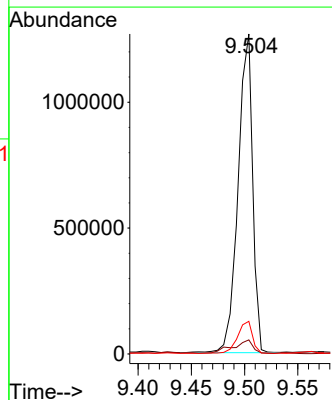
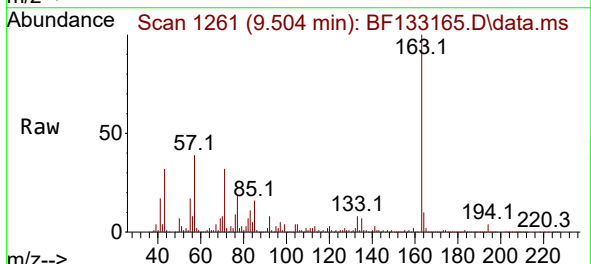
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MS

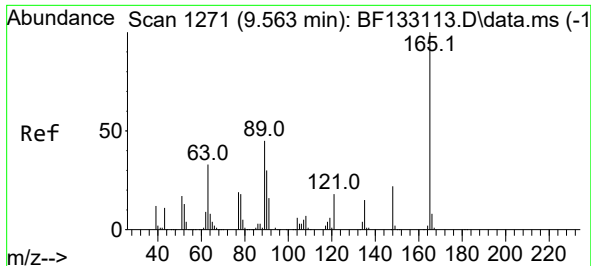
Tgt Ion:152 Resp: 1655942
Ion Ratio Lower Upper
152 100
151 21.1 16.6 24.8
153 15.0 11.5 17.3



#50
Dimethylphthalate
Concen: 43.562 ng
RT: 9.504 min Scan# 1261
Delta R.T. 0.006 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

Tgt Ion:163 Resp: 1208230
Ion Ratio Lower Upper
163 100
194 4.4 3.1 4.7
164 10.2 8.5 12.7

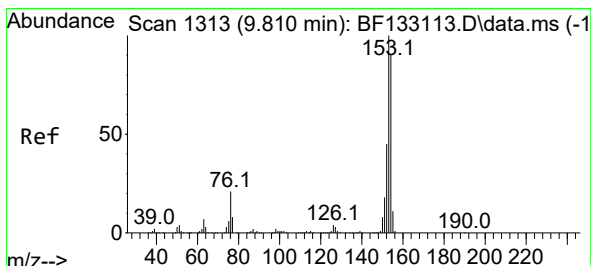
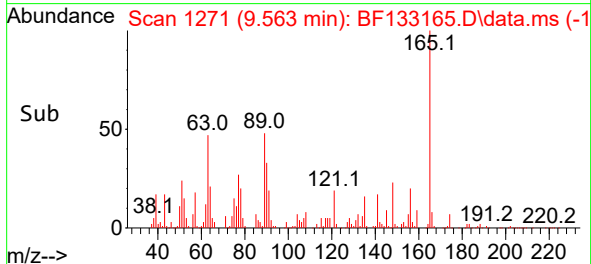
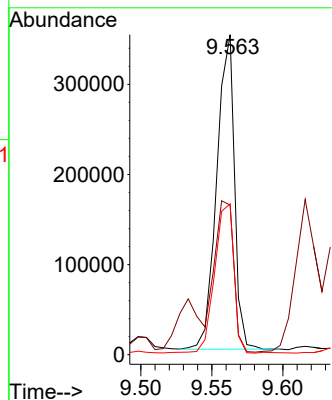
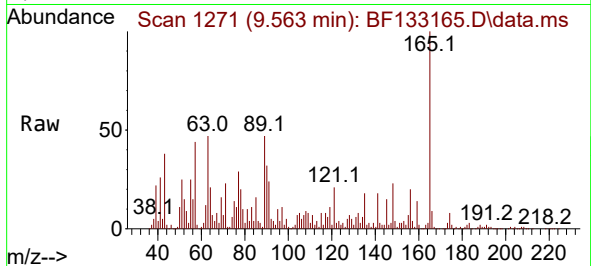




#51
2,6-Dinitrotoluene
Concen: 48.406 ng
RT: 9.563 min Scan# 1271
Delta R.T. 0.006 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

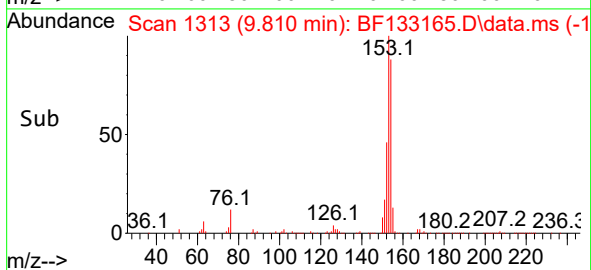
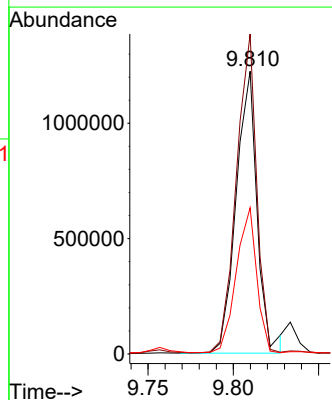
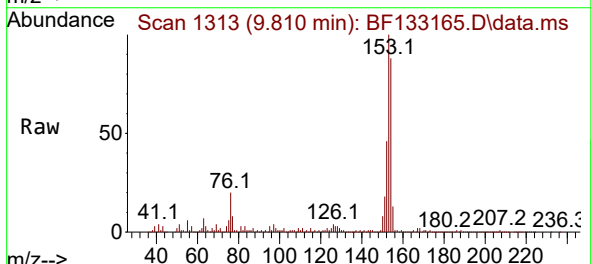
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MS

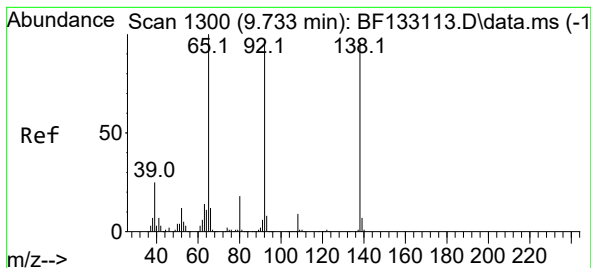
Tgt Ion:165 Resp: 302177
Ion Ratio Lower Upper
165 100
63 46.7 45.9 68.9
89 47.1 44.0 66.0



#52
Acenaphthene
Concen: 42.495 ng
RT: 9.810 min Scan# 1313
Delta R.T. 0.006 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

Tgt Ion:154 Resp: 1049884
Ion Ratio Lower Upper
154 100
153 113.2 89.0 133.6
152 51.7 40.4 60.6





#53

3-Nitroaniline

Concen: 38.186 ng

RT: 9.727 min Scan# 1299

Delta R.T. 0.000 min

Lab File: BF133165.D

Acq: 01 May 2023 20:11

Instrument :

BNA_F

ClientSampleId :

P001-SS011-0006-01MS

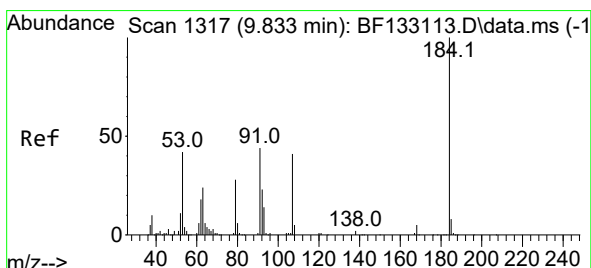
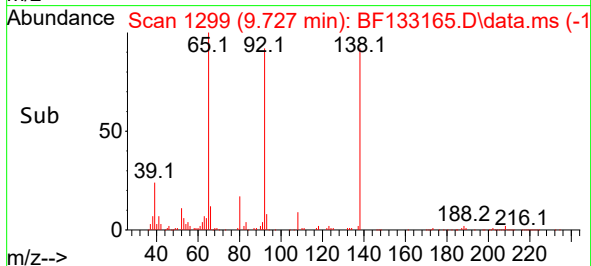
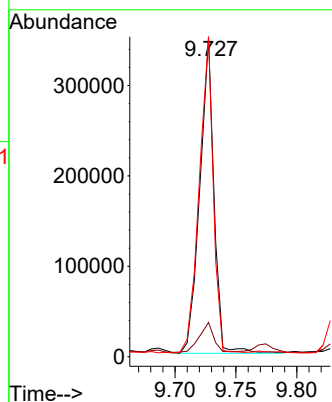
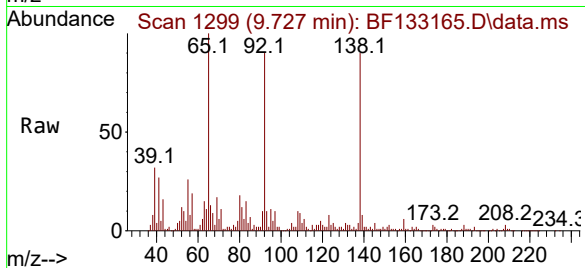
Tgt Ion:138 Resp: 283440

Ion Ratio Lower Upper

138 100

108 10.7 8.0 12.0

92 100.2 83.6 125.4



#54

2,4-Dinitrophenol

Concen: 51.772 ng

RT: 9.833 min Scan# 1317

Delta R.T. 0.006 min

Lab File: BF133165.D

Acq: 01 May 2023 20:11

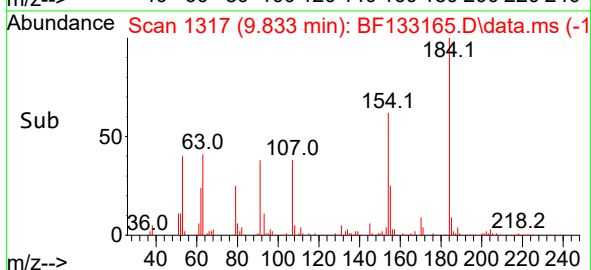
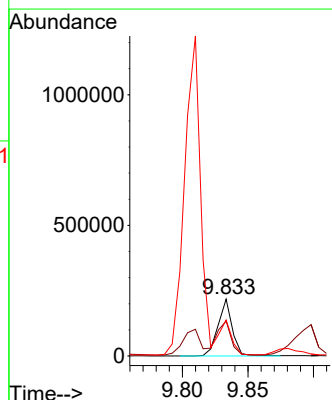
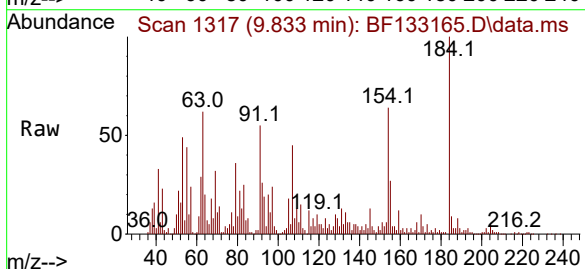
Tgt Ion:184 Resp: 162452

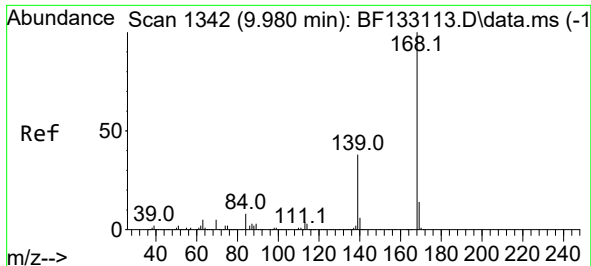
Ion Ratio Lower Upper

184 100

63 61.5 49.8 74.8

154 63.5 49.5 74.3

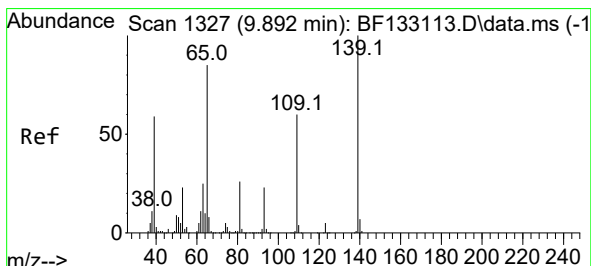
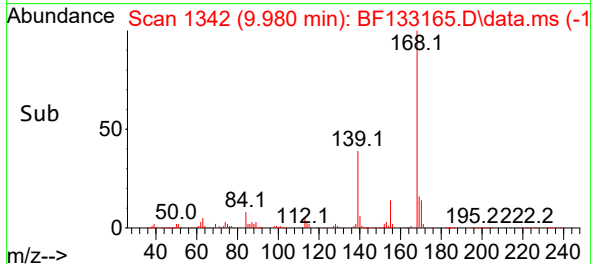
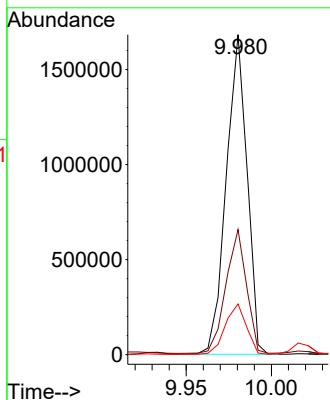
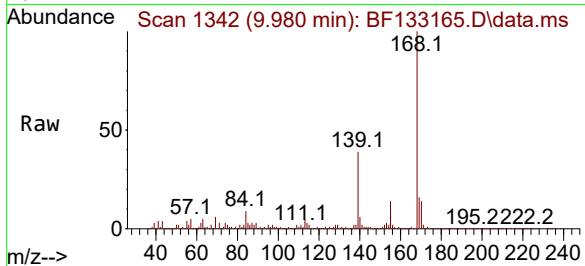




#55
Dibenzenofuran
Concen: 42.372 ng
RT: 9.980 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

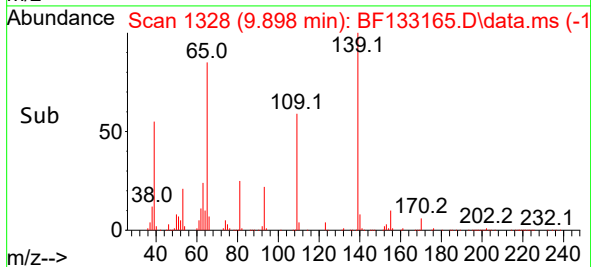
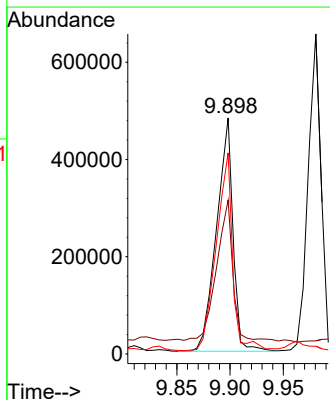
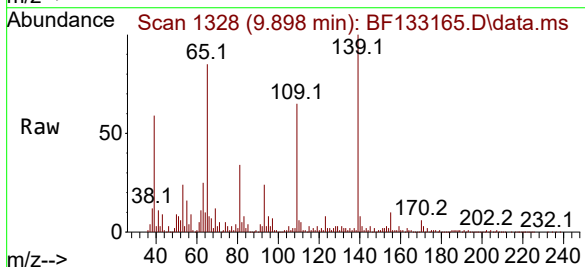
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MS

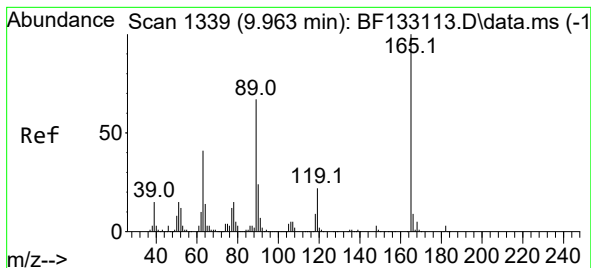
Tgt Ion:168 Resp: 1427994
Ion Ratio Lower Upper
168 100
139 39.1 29.8 44.8
169 15.9 10.8 16.2



#56
4-Nitrophenol
Concen: 89.578 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.012 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

Tgt Ion:139 Resp: 514976
Ion Ratio Lower Upper
139 100
109 65.2 39.4 79.4
65 85.2 57.5 97.5

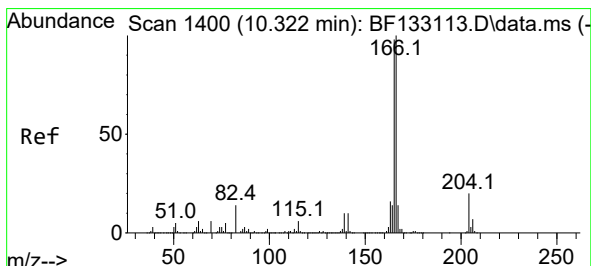
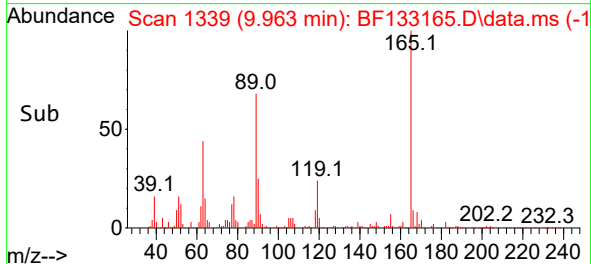
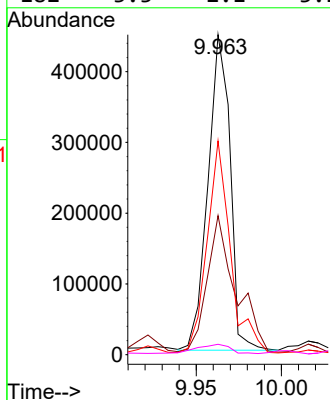
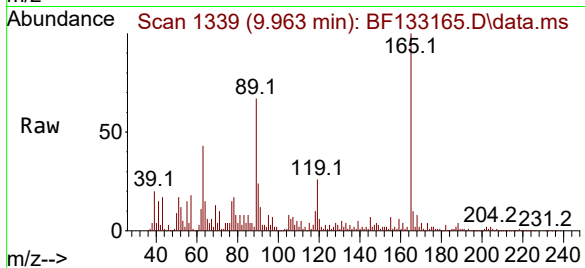




#57
2,4-Dinitrotoluene
Concen: 50.444 ng
RT: 9.963 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

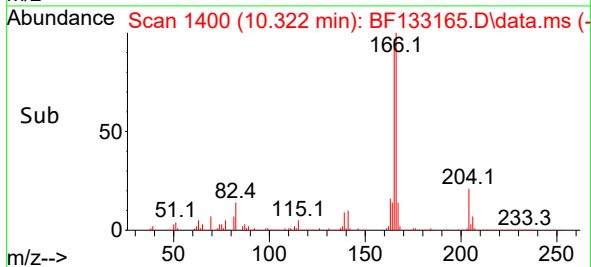
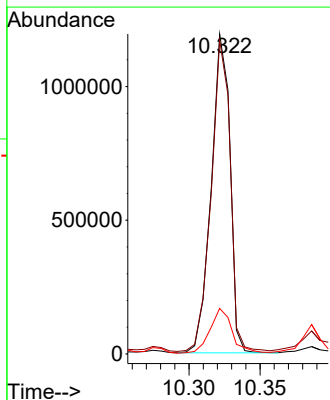
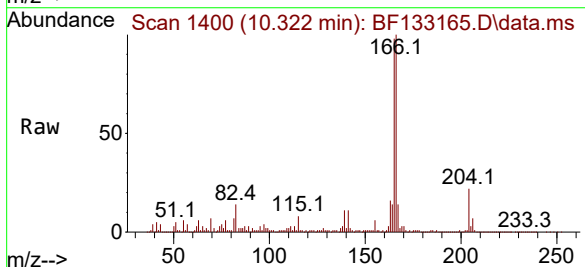
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MS

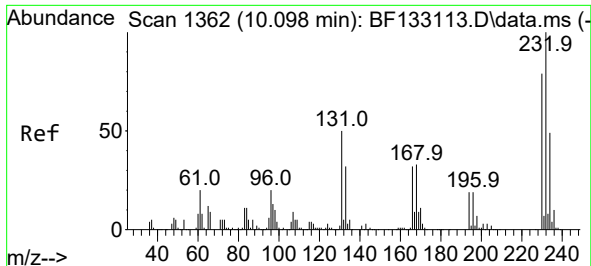
Tgt Ion:165 Resp: 401586
Ion Ratio Lower Upper
165 100
63 43.4 37.7 56.5
89 66.8 57.0 85.4
182 3.3 2.1 3.1#



#58
Fluorene
Concen: 44.542 ng
RT: 10.322 min Scan# 1400
Delta R.T. 0.000 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

Tgt Ion:166 Resp: 1099790
Ion Ratio Lower Upper
166 100
165 98.0 78.6 117.8
167 14.3 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 43.947 ng

RT: 10.098 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133165.D

Acq: 01 May 2023 20:11

Instrument :

BNA_F

ClientSampleId :

P001-SS011-0006-01MS

Tgt Ion:232 Resp: 291435

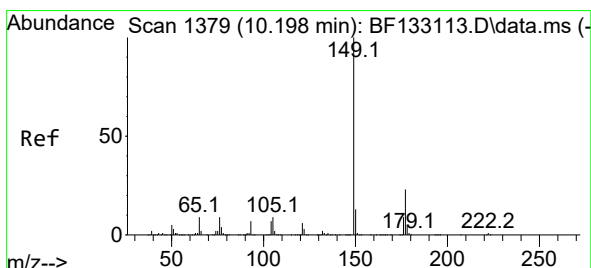
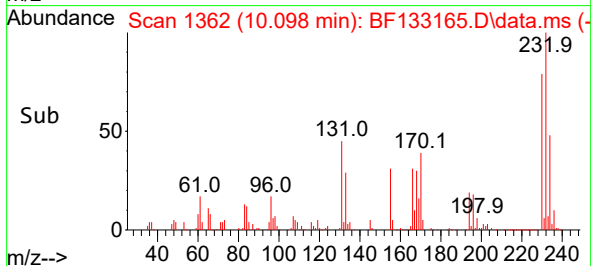
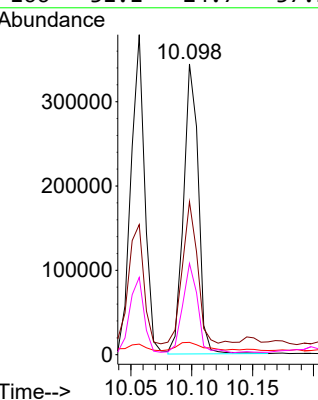
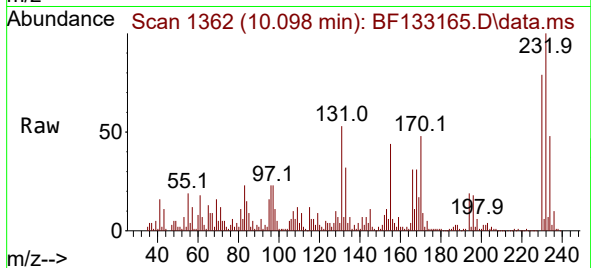
Ion Ratio Lower Upper

232 100

131 50.2 38.0 57.0

130 4.9 1.8 2.8#

166 31.1 24.7 37.1



#60

Diethylphthalate

Concen: 44.942 ng

RT: 10.198 min Scan# 1379

Delta R.T. 0.000 min

Lab File: BF133165.D

Acq: 01 May 2023 20:11

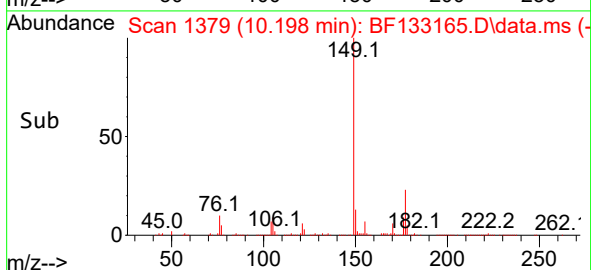
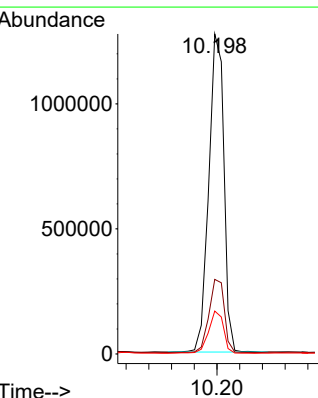
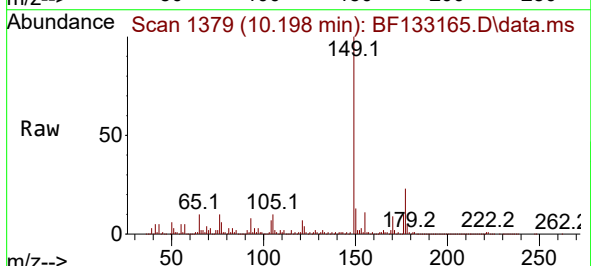
Tgt Ion:149 Resp: 1177397

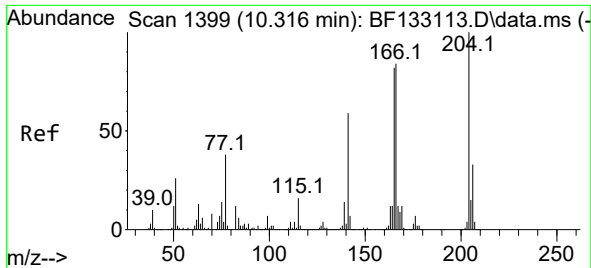
Ion Ratio Lower Upper

149 100

177 23.3 18.2 27.4

150 13.4 10.2 15.4

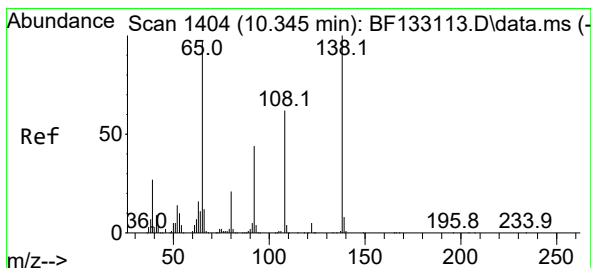
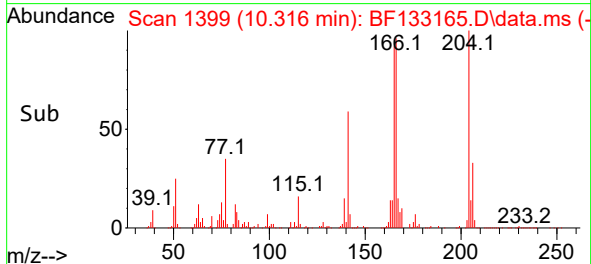
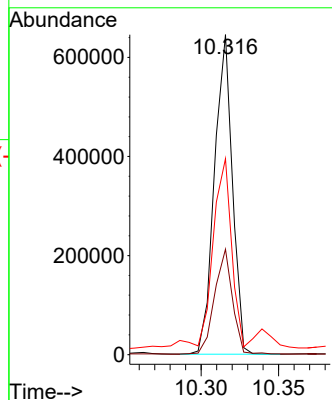
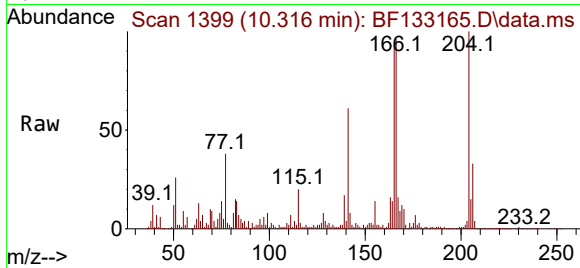




#61
4-Chlorophenyl-phenylether
Concen: 43.143 ng
RT: 10.316 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

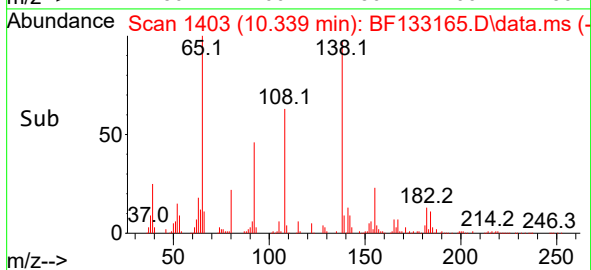
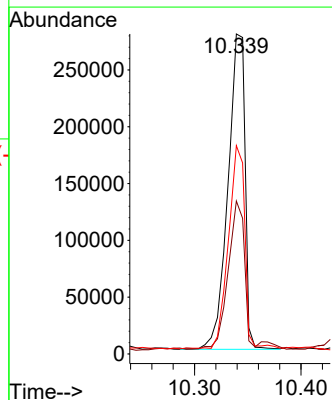
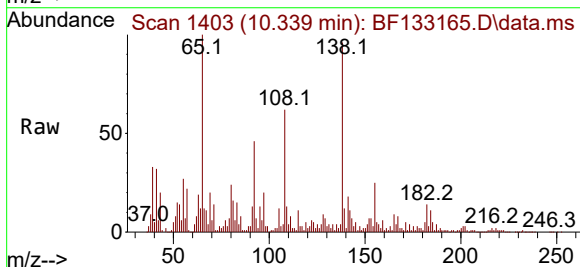
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MS

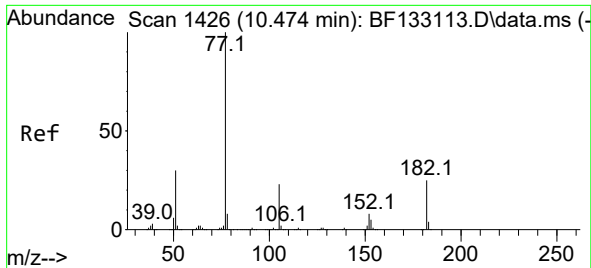
Tgt Ion:204 Resp: 519114
Ion Ratio Lower Upper
204 100
206 32.9 26.1 39.1
141 61.3 46.1 69.1



#62
4-Nitroaniline
Concen: 45.543 ng
RT: 10.339 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

Tgt Ion:138 Resp: 310700
Ion Ratio Lower Upper
138 100
92 47.8 27.7 67.7
108 65.1 45.2 85.2



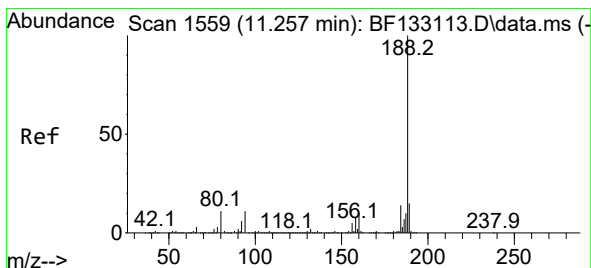
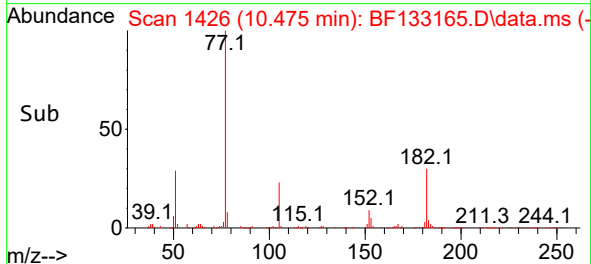
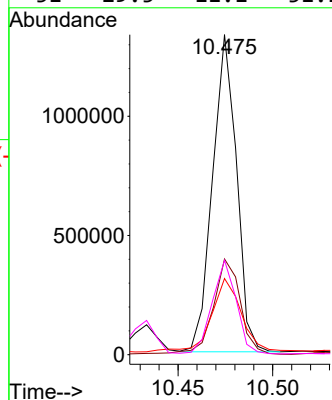
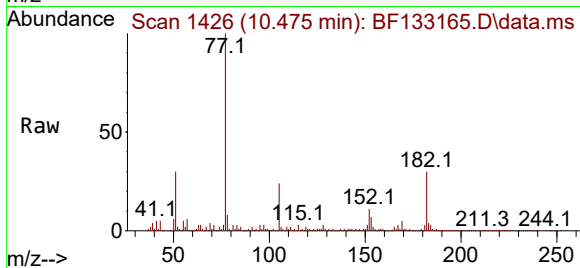


#63
Azobenzene
Concen: 42.113 ng
RT: 10.475 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MS

Tgt Ion: 77 Resp: 1168758

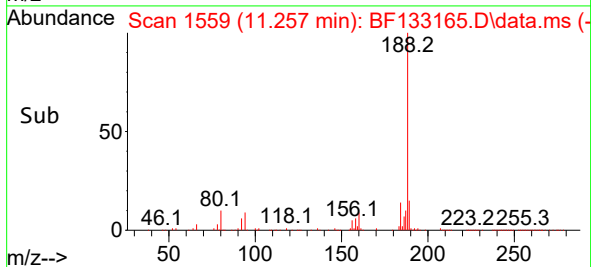
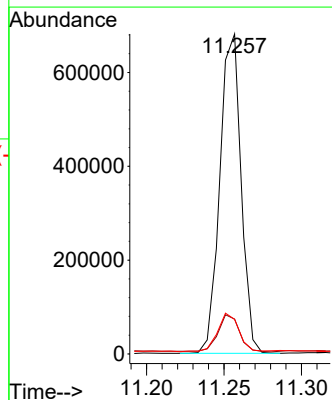
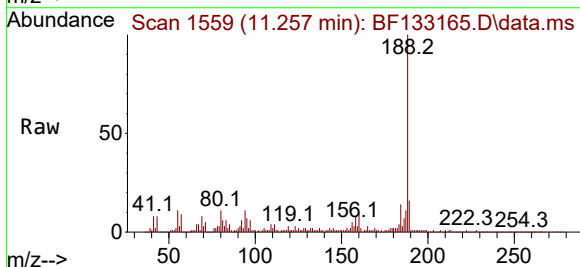
Ion	Ratio	Lower	Upper
77	100		
182	29.9	5.9	45.9
105	23.8	2.3	42.3
51	29.5	11.1	51.1

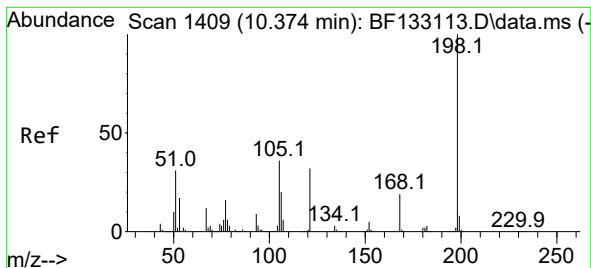


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.257 min Scan# 1559
Delta R.T. 0.006 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

Tgt Ion: 188 Resp: 649297

Ion	Ratio	Lower	Upper
188	100		
94	10.9	9.7	14.5
80	10.8	10.4	15.6

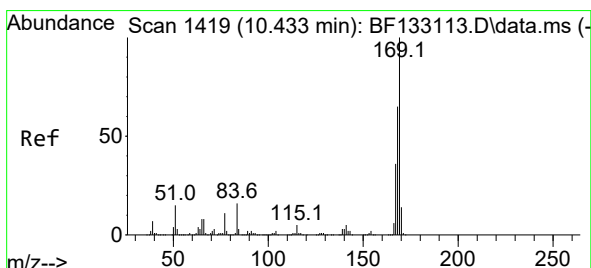
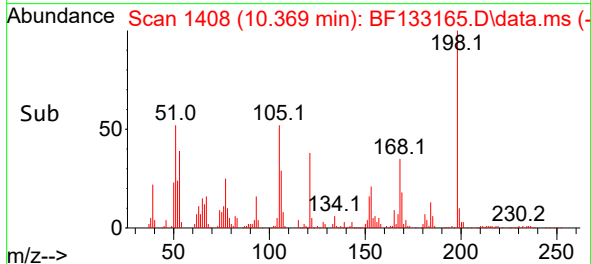
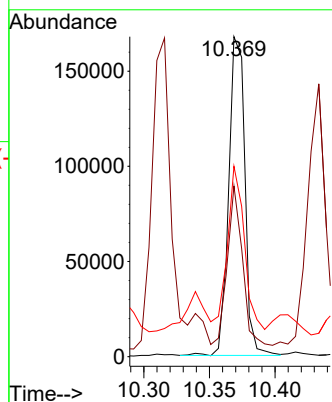
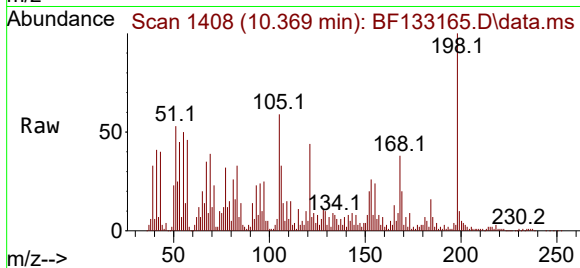




#65
4,6-Dinitro-2-methylphenol
Concen: 36.450 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

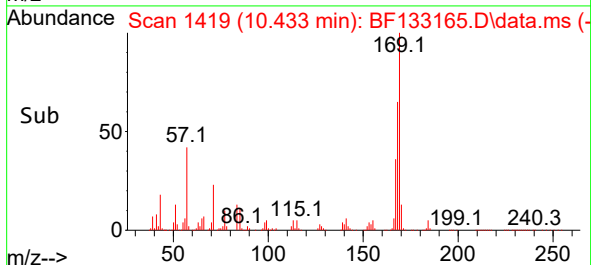
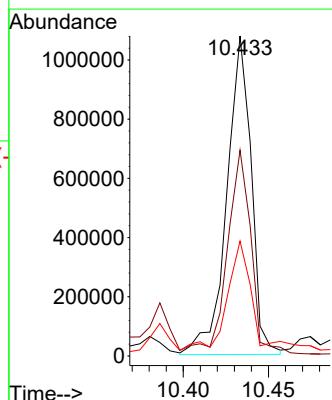
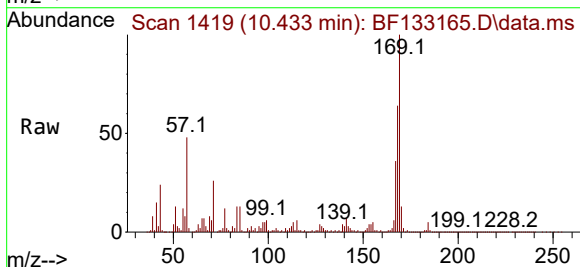
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MS

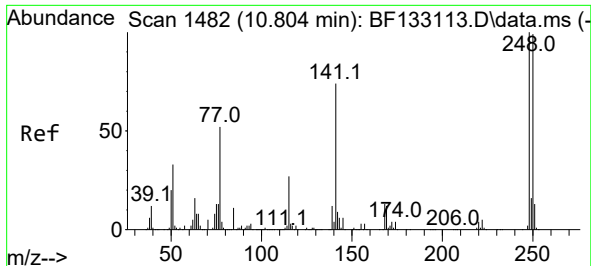
Tgt Ion:198 Resp: 143451
Ion Ratio Lower Upper
198 100
51 53.4 15.5 55.5
105 59.5 16.7 56.7#



#66
n-Nitrosodiphenylamine
Concen: 51.084 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

Tgt Ion:169 Resp: 1075911
Ion Ratio Lower Upper
169 100
168 64.3 53.8 80.8
167 35.9 29.7 44.5

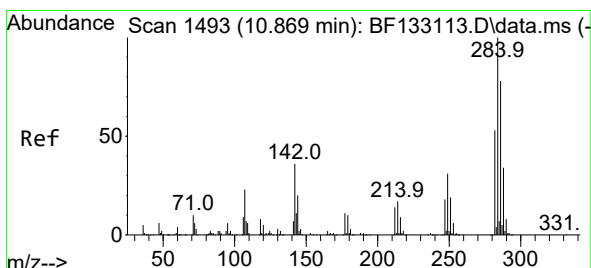
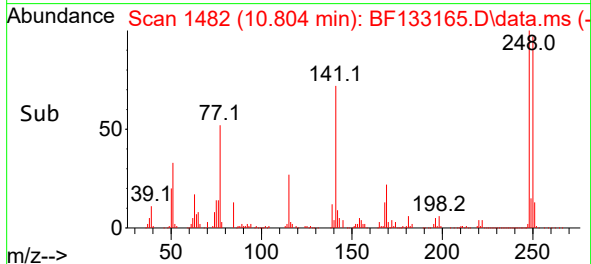
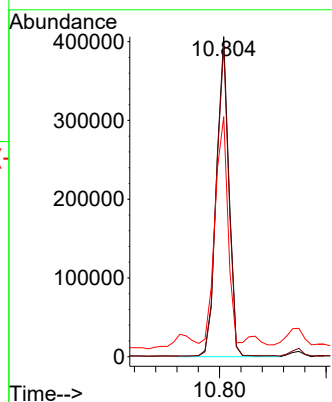
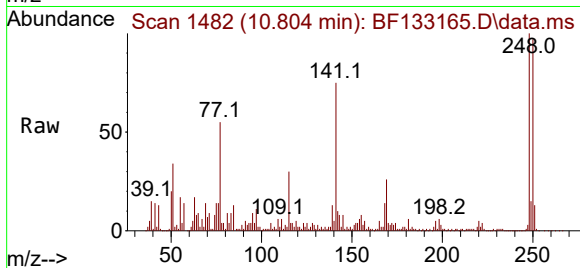




#67
4-Bromophenyl-phenylether
Concen: 47.437 ng
RT: 10.804 min Scan# 1482
Delta R.T. 0.000 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

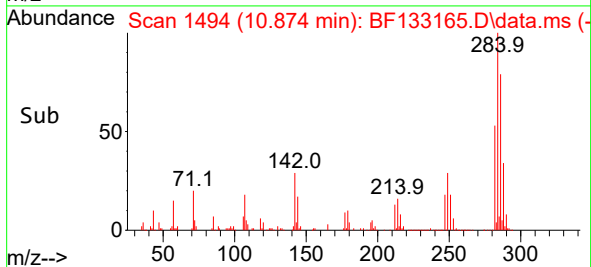
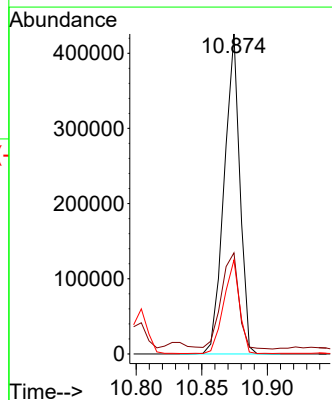
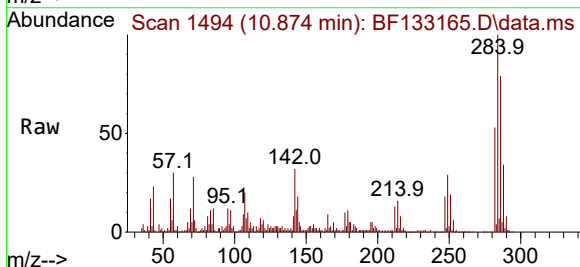
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MS

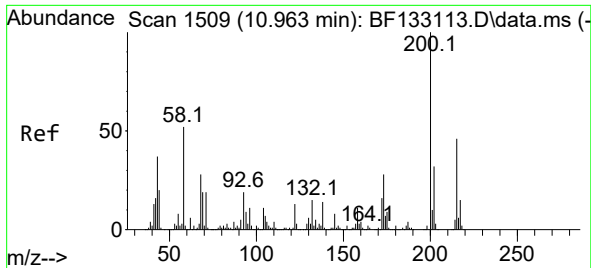
Tgt Ion:248 Resp: 334048
Ion Ratio Lower Upper
248 100
250 97.2 78.7 118.1
141 75.0 56.3 84.5



#68
Hexachlorobenzene
Concen: 49.016 ng
RT: 10.874 min Scan# 1494
Delta R.T. 0.006 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

Tgt Ion:284 Resp: 353695
Ion Ratio Lower Upper
284 100
142 31.6 26.0 39.0
249 29.4 23.7 35.5

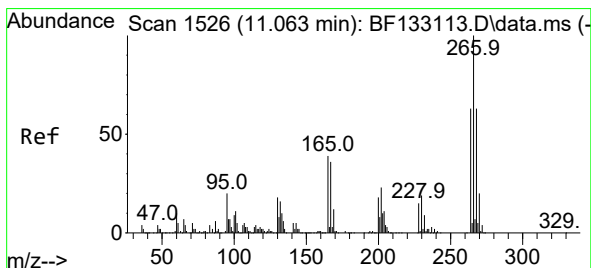
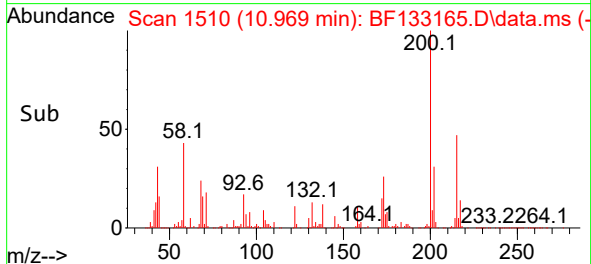
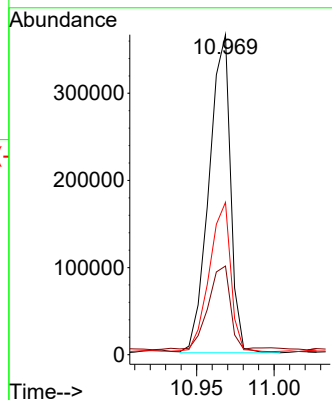
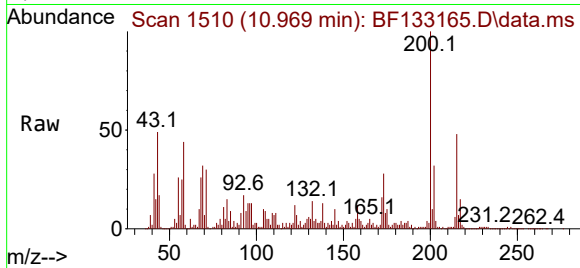




#69
 Atrazine
 Concen: 58.033 ng
 RT: 10.969 min Scan# 1510
 Delta R.T. 0.006 min
 Lab File: BF133165.D
 Acq: 01 May 2023 20:11

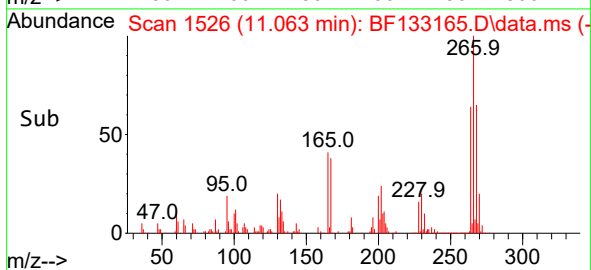
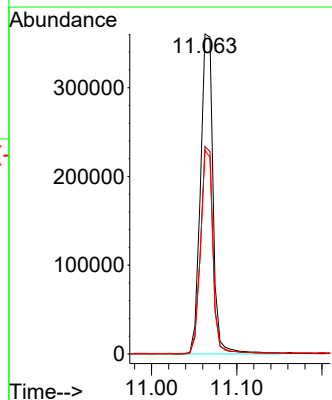
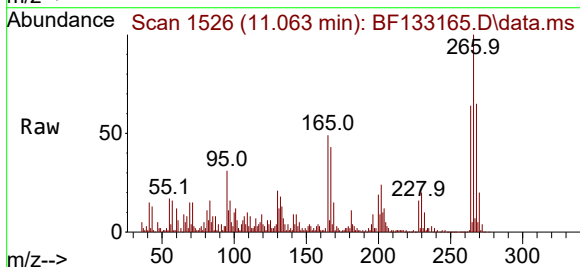
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS011-0006-01MS

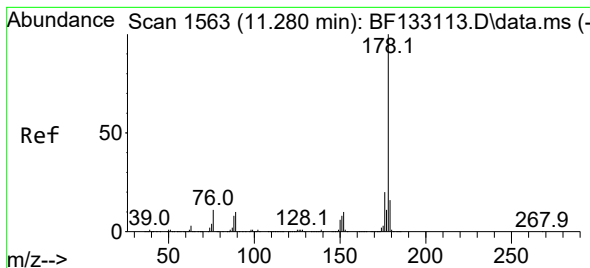
Tgt Ion:200 Resp: 352188
 Ion Ratio Lower Upper
 200 100
 173 27.7 6.2 46.2
 215 47.6 26.3 66.3



#70
 Pentachlorophenol
 Concen: 72.267 ng
 RT: 11.063 min Scan# 1526
 Delta R.T. 0.000 min
 Lab File: BF133165.D
 Acq: 01 May 2023 20:11

Tgt Ion:266 Resp: 371385
 Ion Ratio Lower Upper
 266 100
 268 64.8 48.8 73.2
 264 63.7 50.6 76.0





#71

Phenanthrene

Concen: 48.391 ng

RT: 11.280 min Scan# 1563

Delta R.T. 0.000 min

Lab File: BF133165.D

Acq: 01 May 2023 20:11

Instrument :

BNA_F

ClientSampleId :

P001-SS011-0006-01MS

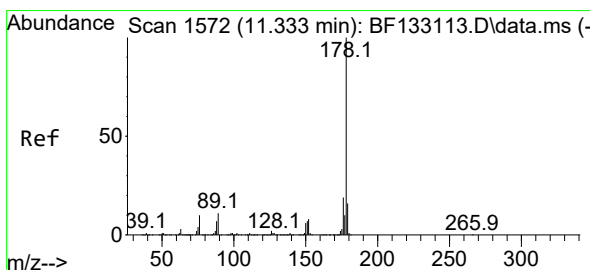
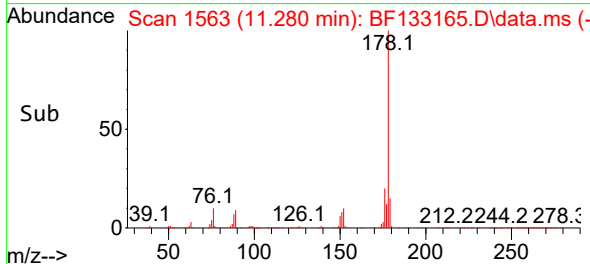
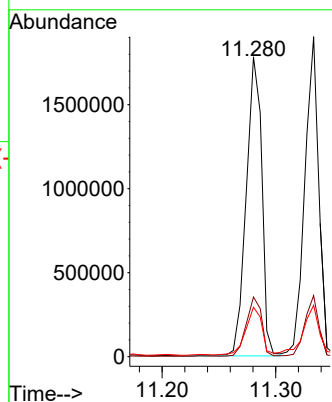
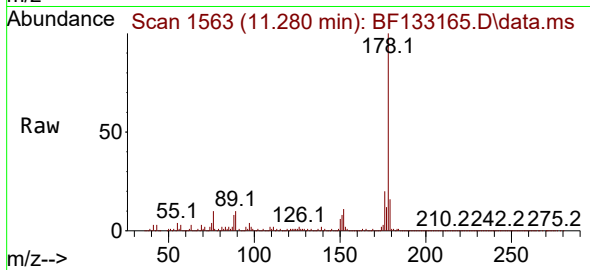
Tgt Ion:178 Resp: 1688734

Ion Ratio Lower Upper

178 100

176 19.9 15.9 23.9

179 16.5 12.5 18.7



#72

Anthracene

Concen: 44.718 ng

RT: 11.333 min Scan# 1572

Delta R.T. 0.006 min

Lab File: BF133165.D

Acq: 01 May 2023 20:11

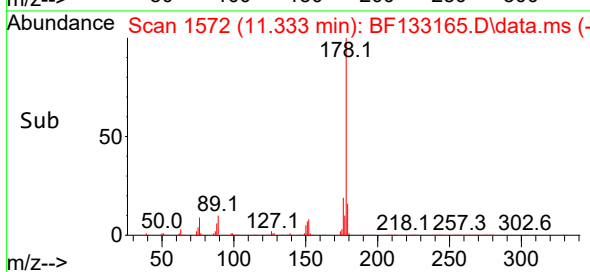
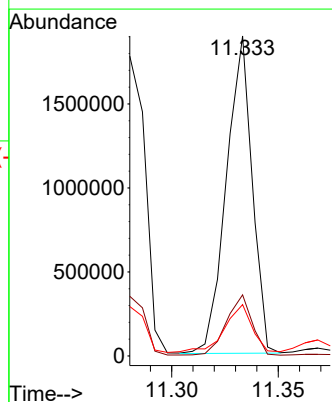
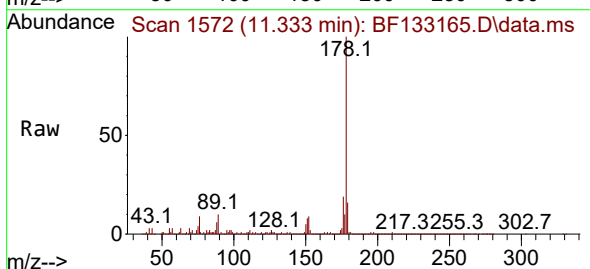
Tgt Ion:178 Resp: 1597076

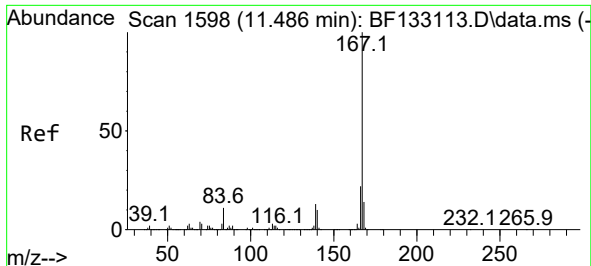
Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.0

179 16.0 12.4 18.6

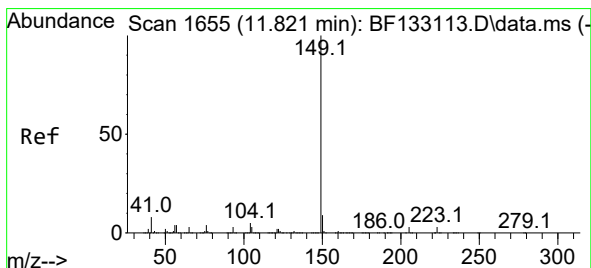
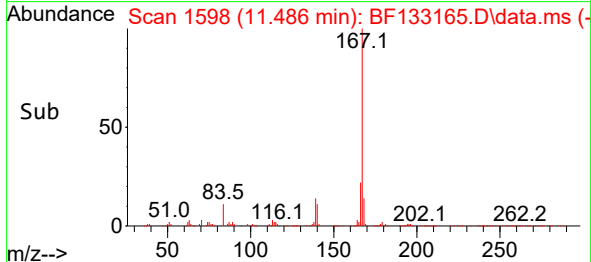
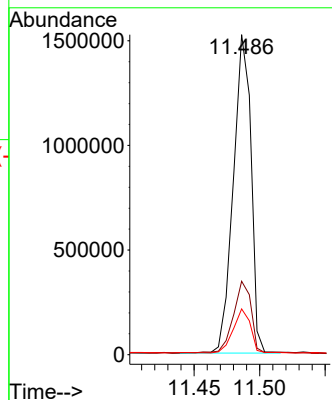
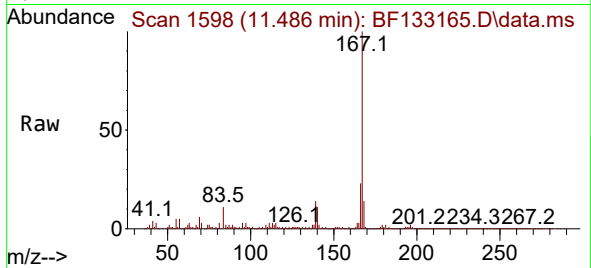




#73
 Carbazole
 Concen: 44.892 ng
 RT: 11.486 min Scan# 1598
 Delta R.T. 0.000 min
 Lab File: BF133165.D
 Acq: 01 May 2023 20:11

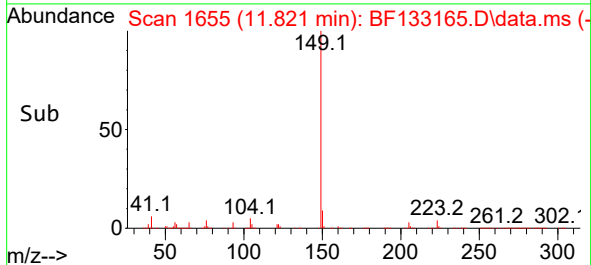
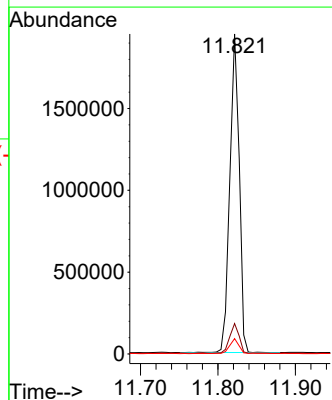
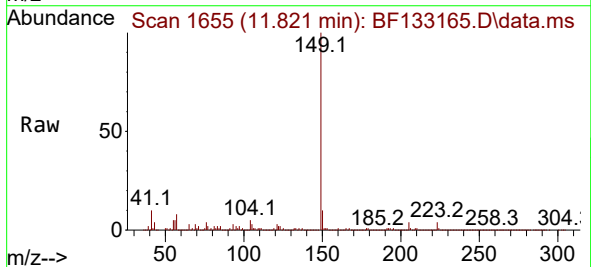
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS011-0006-01MS

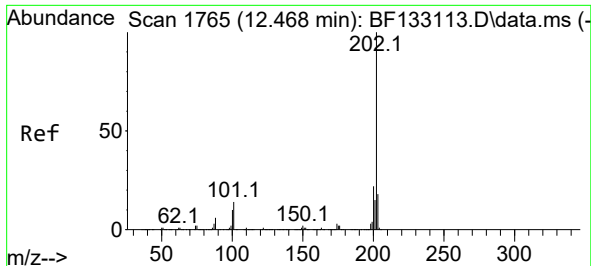
Tgt Ion:167 Resp: 1427603
 Ion Ratio Lower Upper
 167 100
 166 22.9 17.4 26.0
 139 14.3 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 45.537 ng
 RT: 11.821 min Scan# 1655
 Delta R.T. 0.000 min
 Lab File: BF133165.D
 Acq: 01 May 2023 20:11

Tgt Ion:149 Resp: 1638767
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.6 11.4
 104 4.8 4.0 6.0

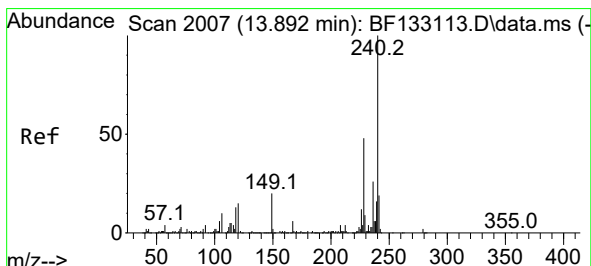
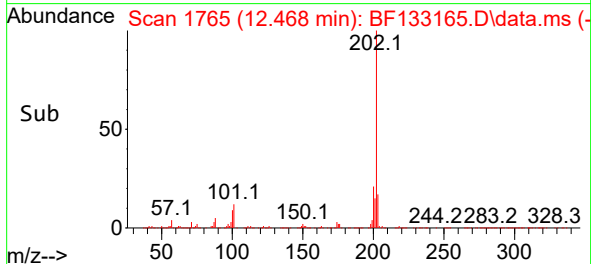
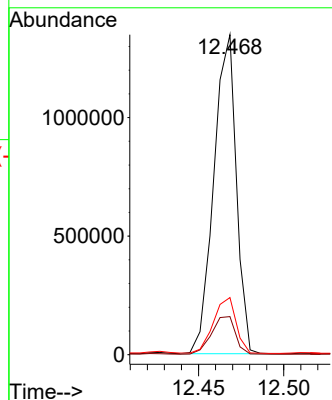
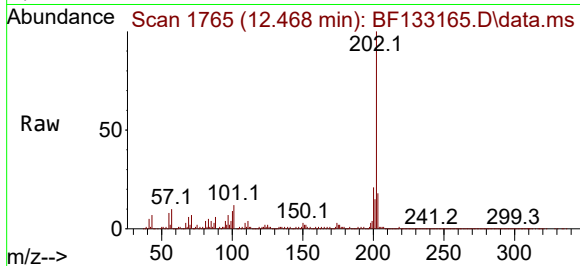




#75
Fluoranthene
Concen: 35.396 ng
RT: 12.468 min Scan# 1765
Delta R.T. 0.006 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

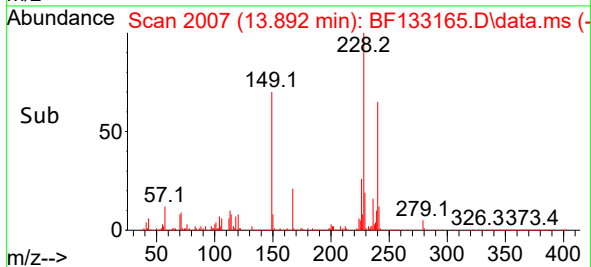
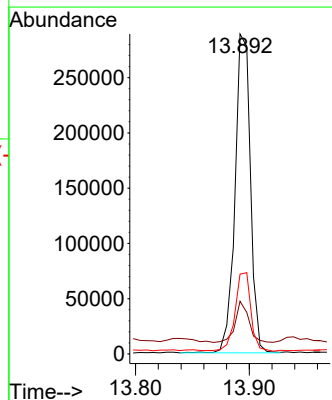
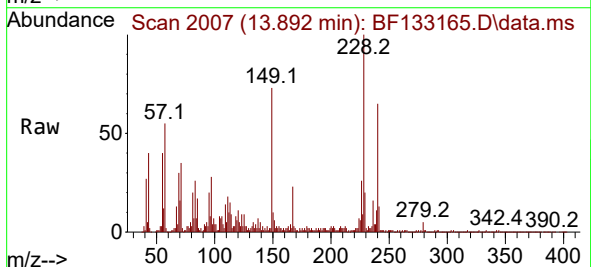
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MS

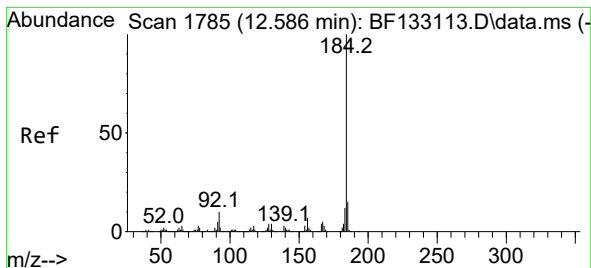
Tgt Ion:202 Resp: 1239689
Ion Ratio Lower Upper
202 100
101 11.9 0.0 35.3
203 17.8 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.892 min Scan# 2007
Delta R.T. 0.000 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

Tgt Ion:240 Resp: 271878
Ion Ratio Lower Upper
240 100
120 16.4 10.5 15.7#
236 25.0 21.5 32.3





#77

Benzidine

Concen: 86.026 ng

RT: 12.586 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133165.D

Acq: 01 May 2023 20:11

Instrument :

BNA_F

ClientSampleId :

P001-SS011-0006-01MS

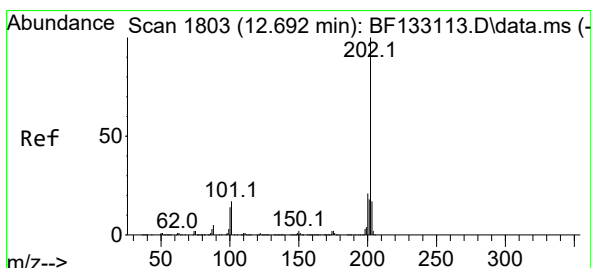
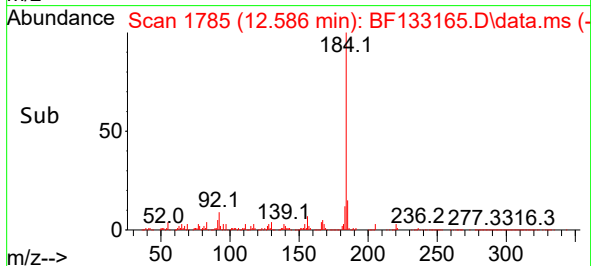
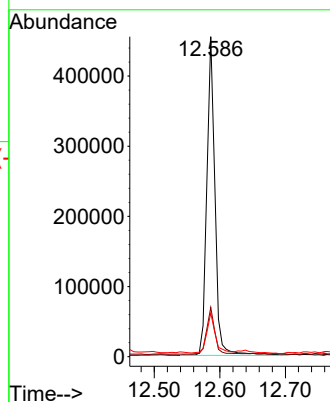
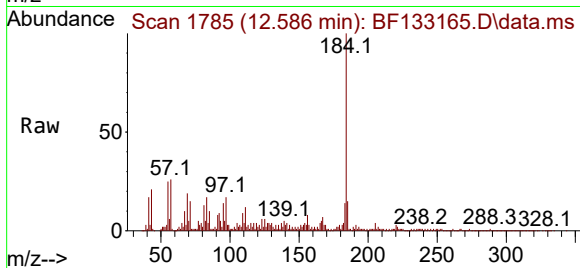
Tgt Ion:184 Resp: 395511

Ion Ratio Lower Upper

184 100

185 15.4 15.4 23.2#

183 13.7 9.4 14.0



#78

Pyrene

Concen: 54.843 ng

RT: 12.692 min Scan# 1803

Delta R.T. 0.000 min

Lab File: BF133165.D

Acq: 01 May 2023 20:11

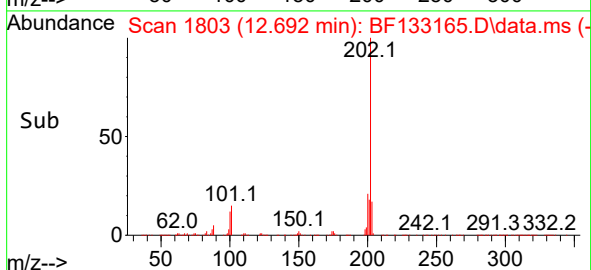
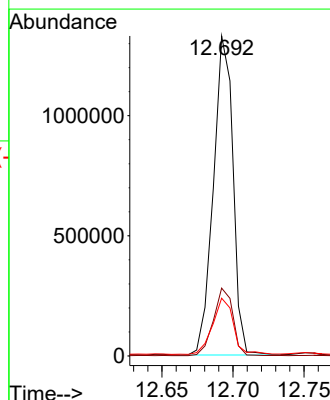
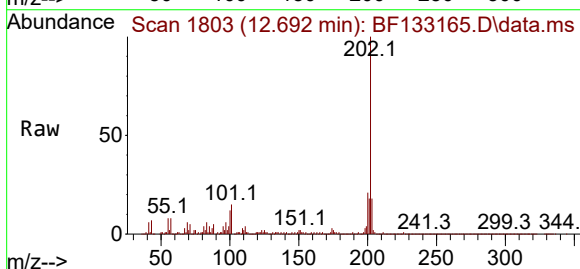
Tgt Ion:202 Resp: 1278179

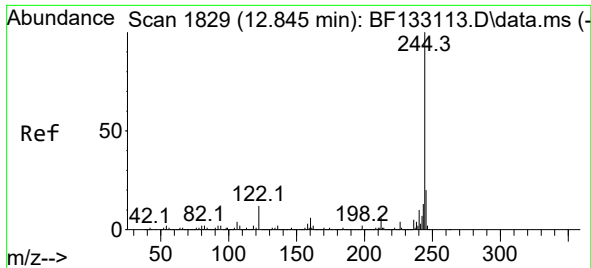
Ion Ratio Lower Upper

202 100

200 21.2 17.1 25.7

203 18.1 14.1 21.1

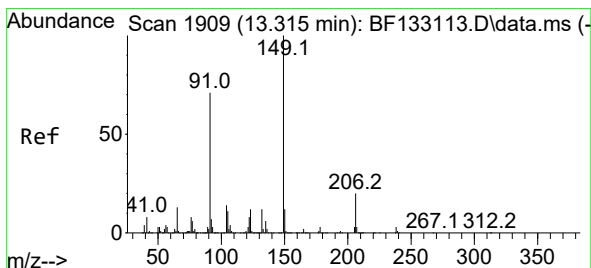
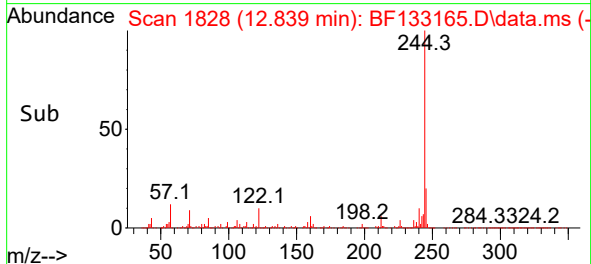
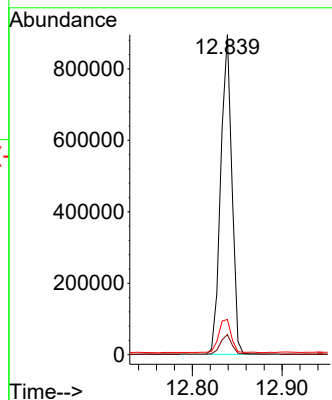
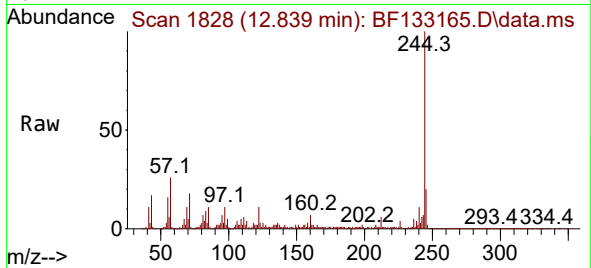




#79
 Terphenyl-d14
 Concen: 48.978 ng
 RT: 12.839 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF133165.D
 Acq: 01 May 2023 20:11

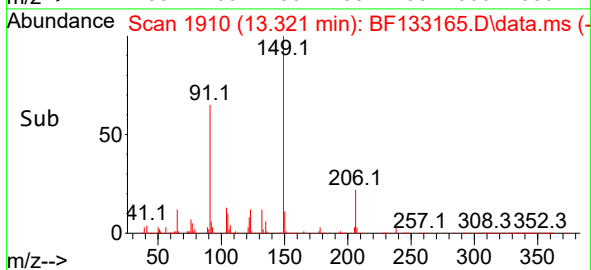
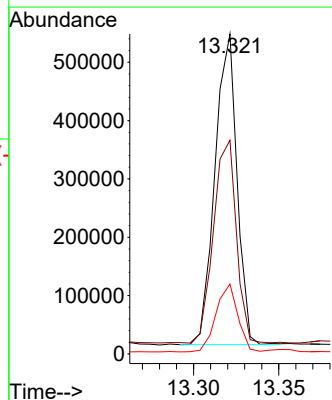
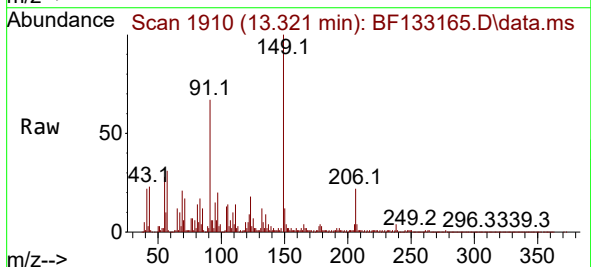
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS011-0006-01MS

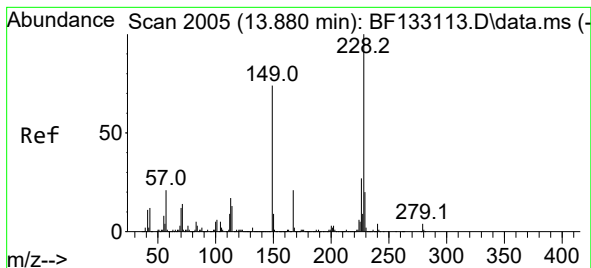
Tgt Ion:244 Resp: 772096
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.1 7.7
 122 11.0 8.6 13.0



#80
 Butylbenzylphthalate
 Concen: 58.243 ng
 RT: 13.321 min Scan# 1910
 Delta R.T. 0.006 min
 Lab File: BF133165.D
 Acq: 01 May 2023 20:11

Tgt Ion:149 Resp: 480628
 Ion Ratio Lower Upper
 149 100
 91 66.8 53.8 80.6
 206 21.8 17.5 26.3





#81

Benzo(a)anthracene

Concen: 46.920 ng

RT: 13.886 min Scan# 2005

Delta R.T. 0.006 min

Lab File: BF133165.D

Acq: 01 May 2023 20:11

Instrument :

BNA_F

ClientSampleId :

P001-SS011-0006-01MS

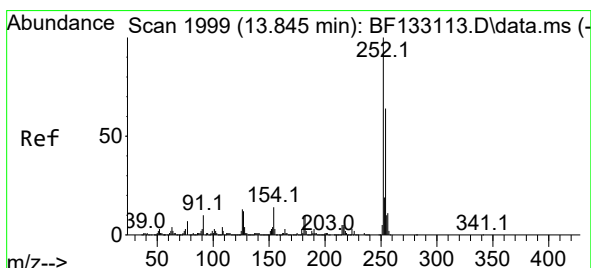
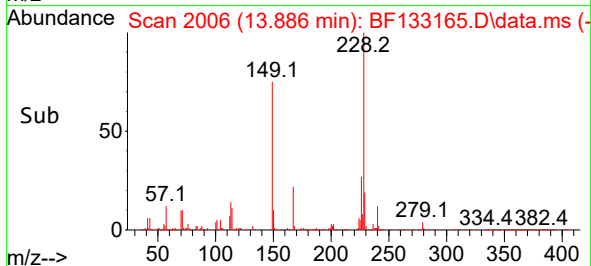
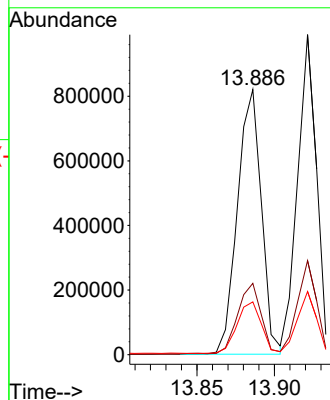
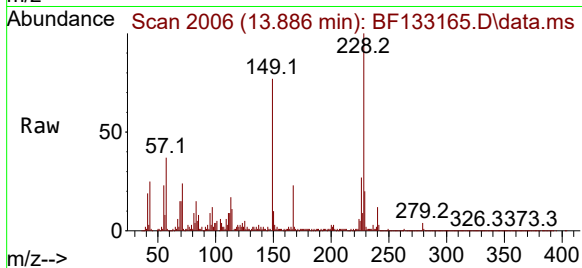
Tgt Ion:228 Resp: 877220

Ion Ratio Lower Upper

228 100

226 26.9 22.2 33.4

229 19.9 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 31.424 ng

RT: 13.845 min Scan# 1999

Delta R.T. 0.000 min

Lab File: BF133165.D

Acq: 01 May 2023 20:11

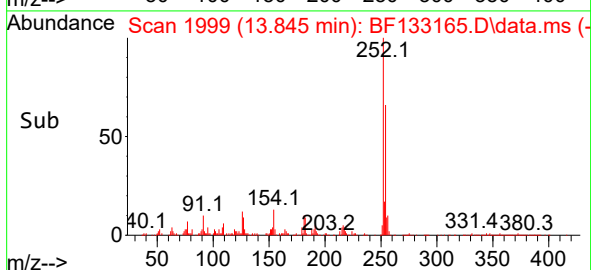
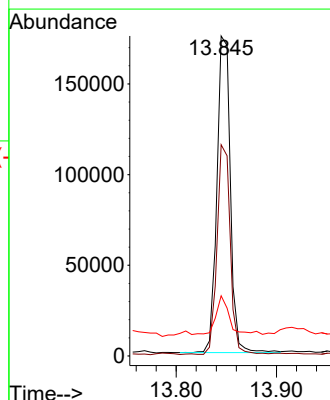
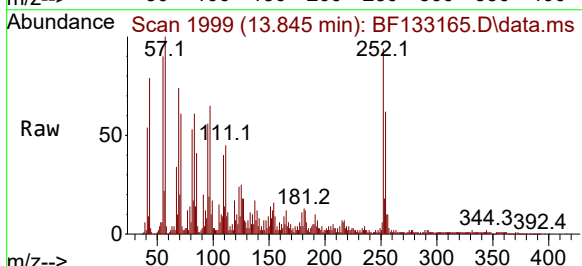
Tgt Ion:252 Resp: 162299

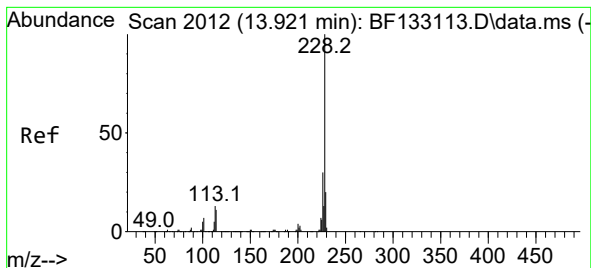
Ion Ratio Lower Upper

252 100

254 66.0 51.5 77.3

126 18.8 9.5 14.3#





#83

Chrysene

Concen: 45.095 ng

RT: 13.921 min Scan# 2012

Delta R.T. 0.006 min

Lab File: BF133165.D

Acq: 01 May 2023 20:11

Instrument :

BNA_F

ClientSampleId :

P001-SS011-0006-01MS

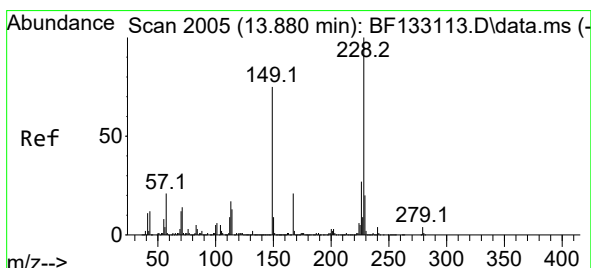
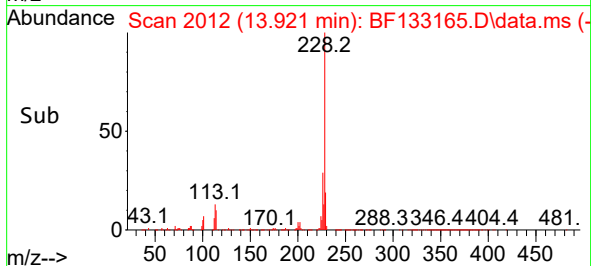
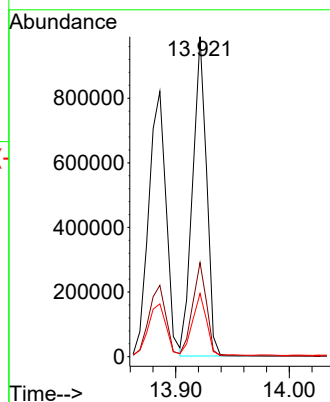
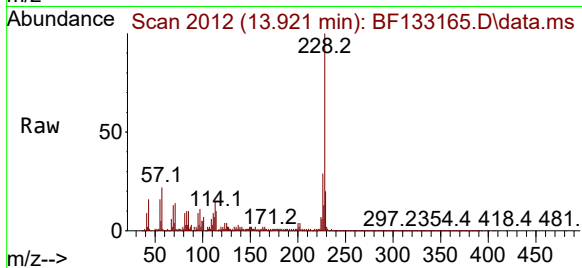
Tgt Ion:228 Resp: 842904

Ion Ratio Lower Upper

228 100

226 29.4 24.7 37.1

229 19.7 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.101 ng

RT: 13.886 min Scan# 2006

Delta R.T. 0.006 min

Lab File: BF133165.D

Acq: 01 May 2023 20:11

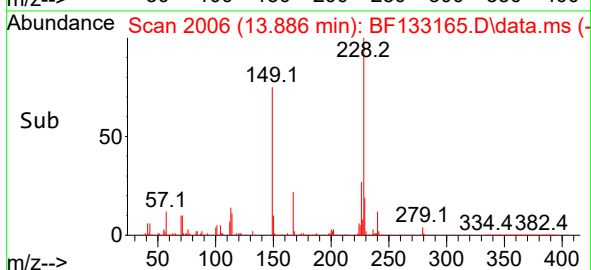
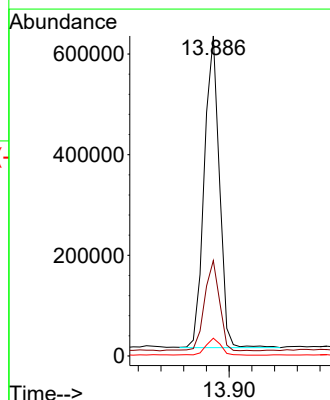
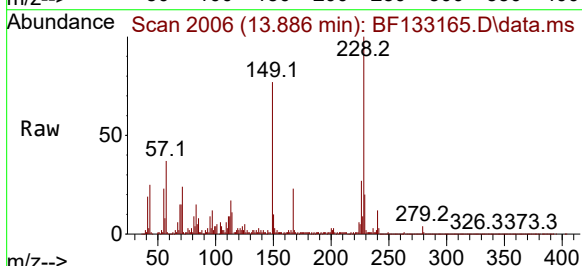
Tgt Ion:149 Resp: 570733

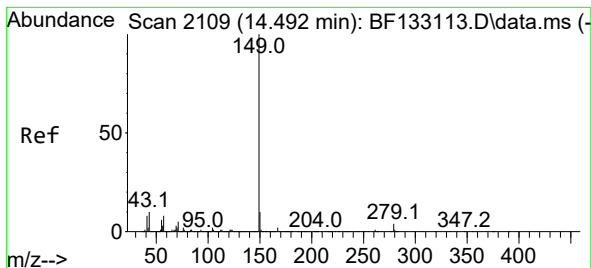
Ion Ratio Lower Upper

149 100

167 29.8 22.5 33.7

279 5.6 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 59.955 ng

RT: 14.498 min Scan# 2109

Delta R.T. 0.006 min

Lab File: BF133165.D

Acq: 01 May 2023 20:11

Instrument :

BNA_F

ClientSampleId :

P001-SS011-0006-01MS

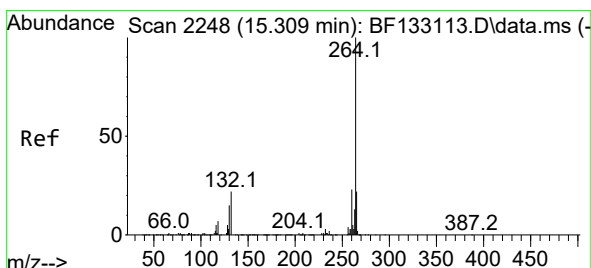
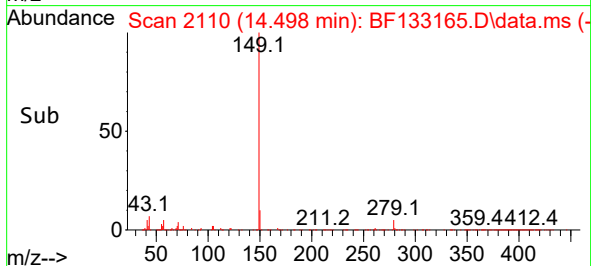
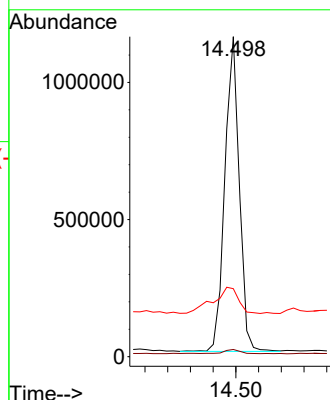
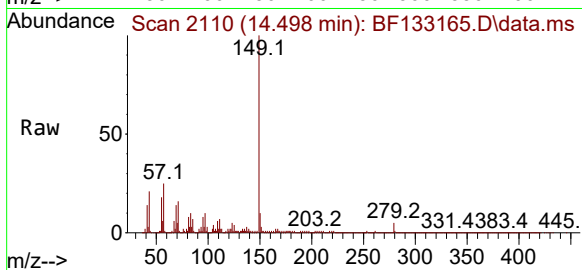
Tgt Ion:149 Resp: 1012595

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 14.4 9.5 14.3#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.321 min Scan# 2250

Delta R.T. 0.018 min

Lab File: BF133165.D

Acq: 01 May 2023 20:11

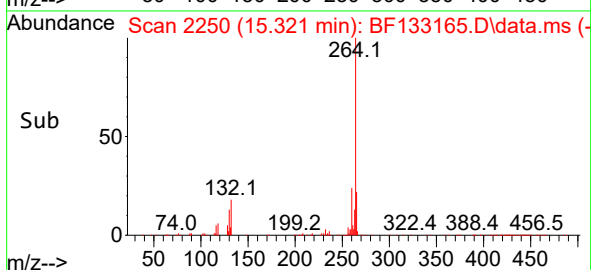
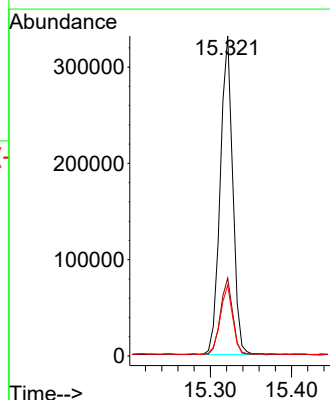
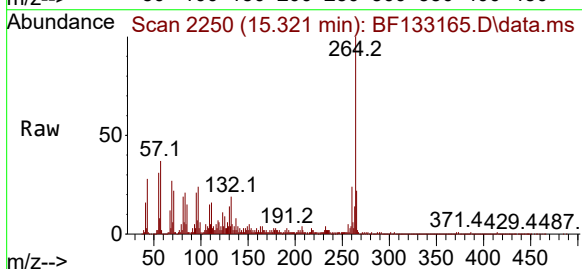
Tgt Ion:264 Resp: 356467

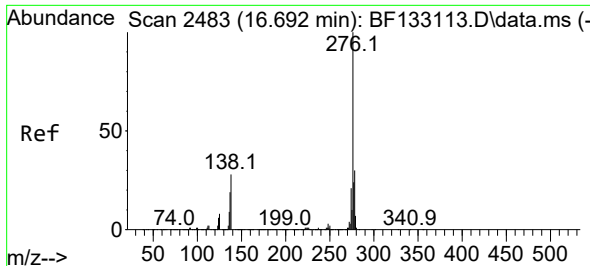
Ion Ratio Lower Upper

264 100

260 24.3 18.8 28.2

265 22.1 17.0 25.4

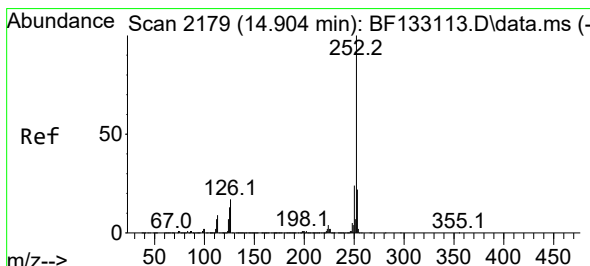
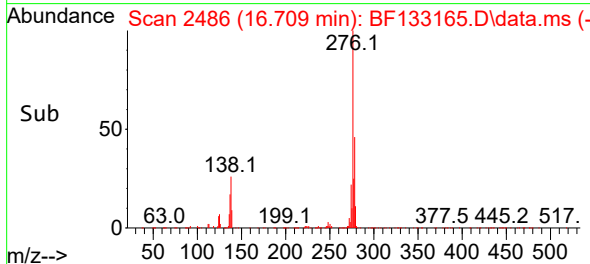
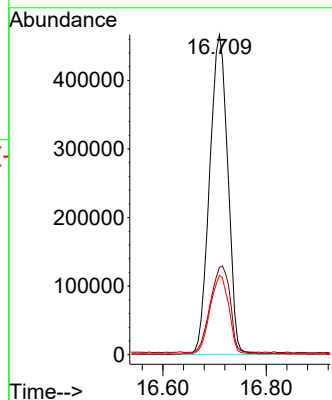
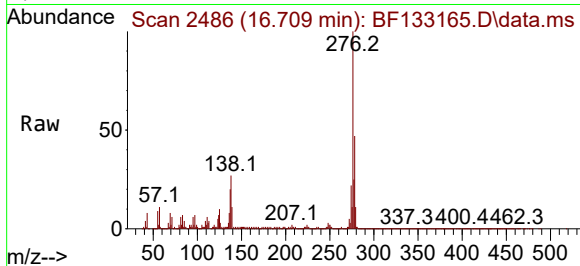




#87
Indeno(1,2,3-cd)pyrene
Concen: 56.233 ng
RT: 16.709 min Scan# 2181
Delta R.T. 0.024 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

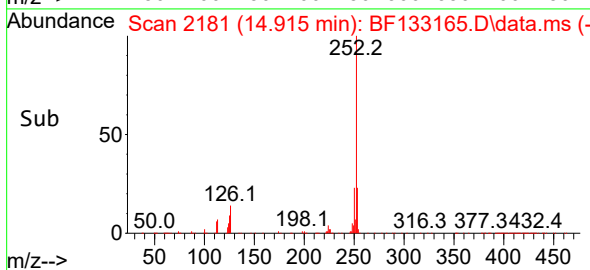
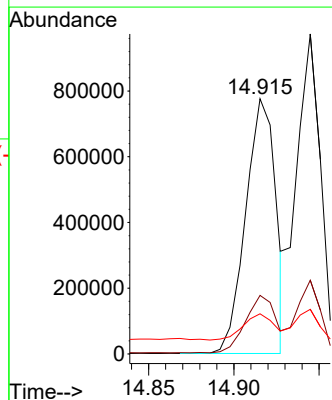
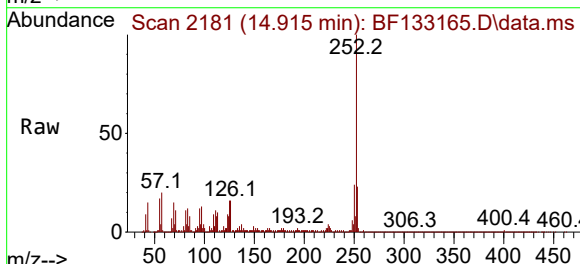
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MS

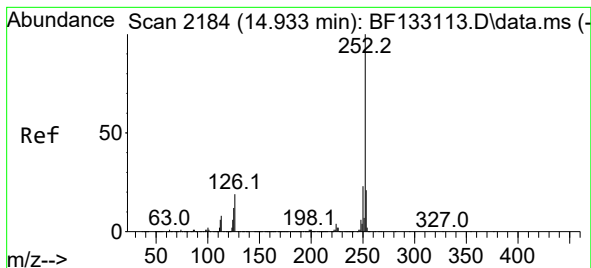
Tgt Ion:276 Resp: 1140207
Ion Ratio Lower Upper
276 100
138 29.0 25.5 38.3
277 25.5 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 42.054 ng
RT: 14.915 min Scan# 2181
Delta R.T. 0.012 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

Tgt Ion:252 Resp: 953711
Ion Ratio Lower Upper
252 100
253 23.0 17.6 26.4
125 15.7 8.9 13.3#





#89

Benzo(k)fluoranthene

Concen: 42.255 ng

RT: 14.945 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF133165.D

Acq: 01 May 2023 20:11

Instrument :

BNA_F

ClientSampleId :

P001-SS011-0006-01MS

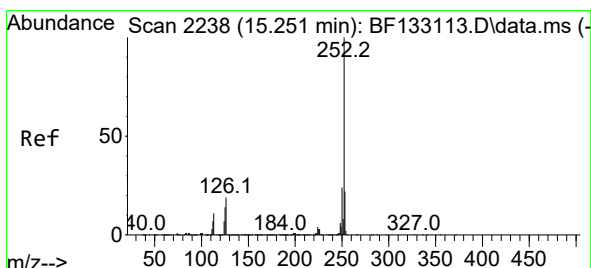
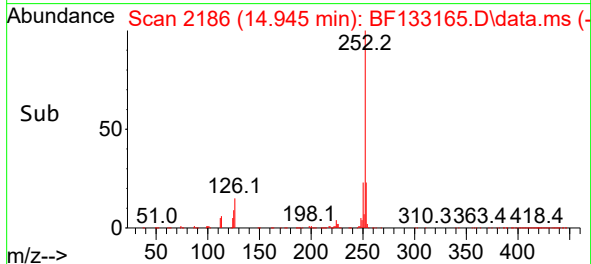
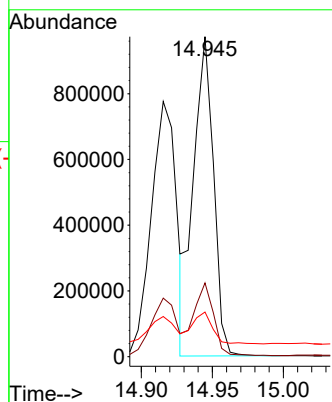
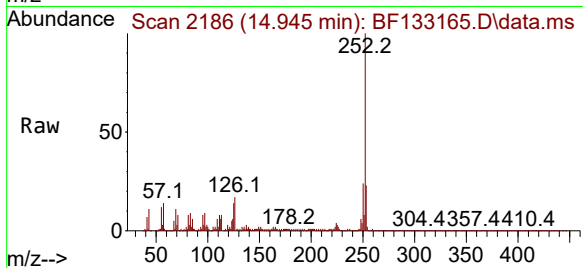
Tgt Ion:252 Resp: 949913

Ion Ratio Lower Upper

252 100

253 23.0 17.7 26.5

125 14.0 9.0 13.4#



#90

Benzo(a)pyrene

Concen: 43.280 ng

RT: 15.262 min Scan# 2240

Delta R.T. 0.012 min

Lab File: BF133165.D

Acq: 01 May 2023 20:11

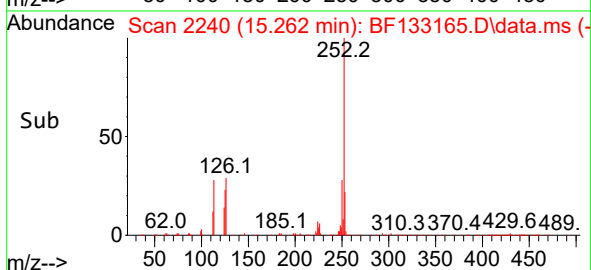
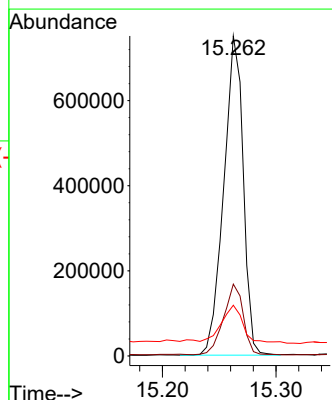
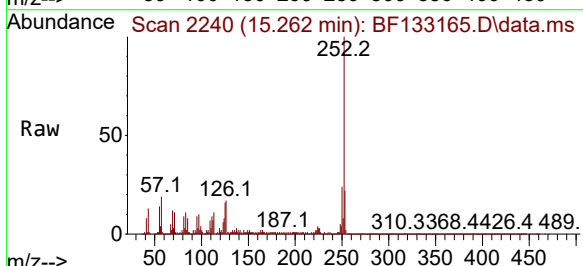
Tgt Ion:252 Resp: 893362

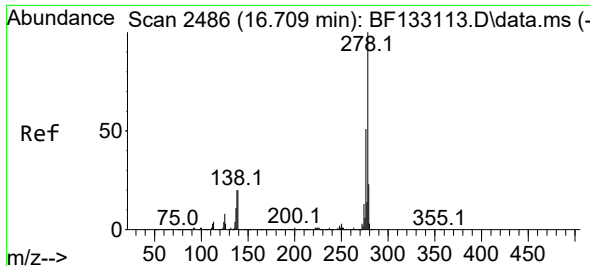
Ion Ratio Lower Upper

252 100

253 22.5 17.7 26.5

125 15.9 10.5 15.7#

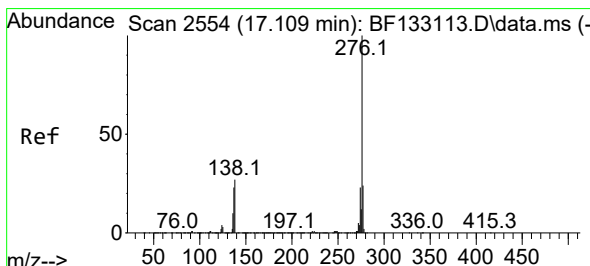
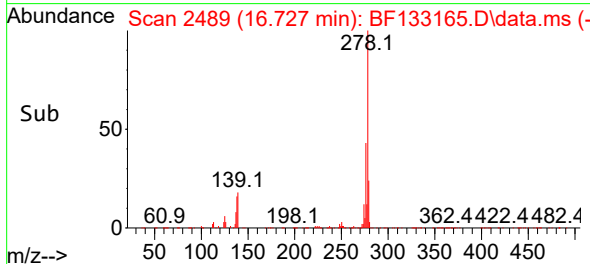
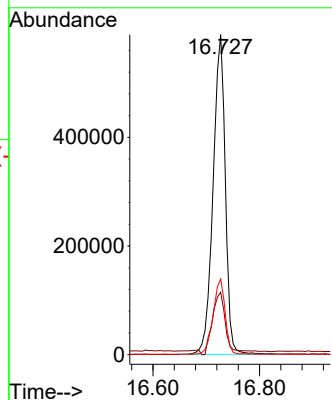
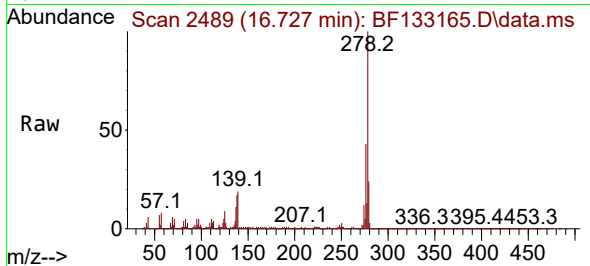




#91
Dibenzo(a,h)anthracene
Concen: 55.541 ng
RT: 16.727 min Scan# 2486
Delta R.T. 0.024 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MS

Tgt Ion:278 Resp: 939291
Ion Ratio Lower Upper
278 100
139 19.5 16.6 24.8
279 23.7 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 54.926 ng
RT: 17.127 min Scan# 2557
Delta R.T. 0.024 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

Tgt Ion:276 Resp: 917053
Ion Ratio Lower Upper
276 100
277 24.0 19.4 29.0
138 25.7 22.7 34.1

