

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010923\
 Data File : BF131970.D
 Acq On : 09 Jan 2023 18:57
 Operator : CG\JU
 Sample : 01043-01MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-203MSD

Quant Time: Jan 10 03:13:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 10 00:32:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	74648	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	275599	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	159353	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	304661	20.000	ng	0.00
76) Chrysene-d12	13.980	240	153407	20.000	ng	0.00
86) Perylene-d12	15.439	264	151318	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	548265	121.024	ng	0.02
7) Phenol-d6	6.434	99	710514	118.291	ng	0.00
23) Nitrobenzene-d5	7.363	82	501665	75.548	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	206125	112.501	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	856619	72.569	ng	0.00
79) Terphenyl-d14	12.921	244	904052	84.465	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.557	88	87440	44.194	ng	99
3) Pyridine	3.287	79	236968	42.674	ng	98
4) n-Nitrosodimethylamine	3.257	42	123058	47.153	ng	95
6) Aniline	6.451	93	283068	35.818	ng	91
8) 2-Chlorophenol	6.569	128	216785	47.695	ng	97
9) Benzaldehyde	6.334	77	136852	34.241	ng	98
10) Phenol	6.445	94	307888	45.950	ng	97
11) bis(2-Chloroethyl)ether	6.528	93	230404	45.615	ng	100
12) 1,3-Dichlorobenzene	6.728	146	237982	47.008	ng	98
13) 1,4-Dichlorobenzene	6.804	146	244133	47.660	ng	98
14) 1,2-Dichlorobenzene	6.957	146	230769	47.435	ng	98
15) Benzyl Alcohol	6.939	79	240142	45.911	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	289096	45.353	ng	90
17) 2-Methylphenol	7.051	107	192269	42.745	ng	99
18) Hexachloroethane	7.298	117	101473	47.902	ng	93
19) n-Nitroso-di-n-propyla...	7.210	70	187029	43.044	ng	98
20) 3+4-Methylphenols	7.210	107	248828	43.089	ng	90
22) Acetophenone	7.204	105	358616	44.692	ng	99
24) Nitrobenzene	7.381	77	290338	42.948	ng	99
25) Isophorone	7.622	82	517875	41.746	ng	99
26) 2-Nitrophenol	7.692	139	118960	44.723	ng	95
27) 2,4-Dimethylphenol	7.734	122	196230	44.197	ng	98
28) bis(2-Chloroethoxy)met...	7.834	93	292905	42.662	ng	100
29) 2,4-Dichlorophenol	7.939	162	201418	44.290	ng	97
30) 1,2,4-Trichlorobenzene	8.016	180	233973	44.923	ng	99
31) Naphthalene	8.098	128	629785	43.240	ng	100
32) Benzoic acid	7.881	122	94839	36.844	ng	93
33) 4-Chloroaniline	8.151	127	137202	22.828	ng	98
34) Hexachlorobutadiene	8.210	225	158372	43.857	ng	98
35) Caprolactam	8.539	113	31491	23.577	ng	94
36) 4-Chloro-3-methylphenol	8.645	107	232567	43.572	ng	98
37) 2-Methylnaphthalene	8.792	142	431123	41.214	ng	99
38) 1-Methylnaphthalene	8.892	142	397584	41.025	ng	99
40) 1,2,4,5-Tetrachloroben...	8.957	216	249125	44.366	ng	98
41) Hexachlorocyclopentadiene	8.939	237	225773	80.904	ng	99
43) 2,4,6-Trichlorophenol	9.075	196	153784	45.499	ng	98

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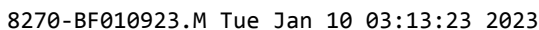
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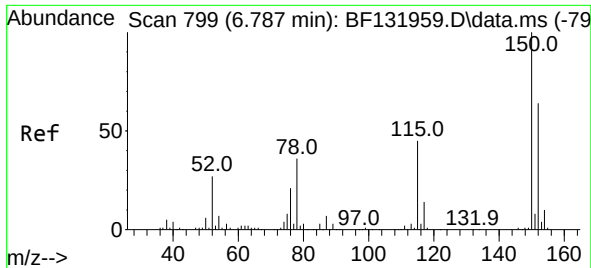
Quant Time: Jan 10 03:13:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 10 00:32:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	163035	41.433	ng	98
46) 1,1'-Biphenyl	9.263	154	546339	44.420	ng	99
47) 2-Chloronaphthalene	9.286	162	433729	45.435	ng	98
48) 2-Nitroaniline	9.392	65	153747	44.342	ng	94
49) Acenaphthylene	9.704	152	652172	44.025	ng	99
50) Dimethylphthalate	9.569	163	527250	42.447	ng	99
51) 2,6-Dinitrotoluene	9.633	165	112092	42.906	ng	87
52) Acenaphthene	9.875	154	382390	43.003	ng	98
53) 3-Nitroaniline	9.804	138	71182	28.084	ng	96
54) 2,4-Dinitrophenol	9.916	184	107809	82.189	ng	97
55) Dibenzofuran	10.045	168	594638	42.424	ng	97
56) 4-Nitrophenol	9.980	139	131856	92.359	ng	99
57) 2,4-Dinitrotoluene	10.039	165	154377	44.198	ng	95
58) Fluorene	10.392	166	480976	42.956	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.128	232	125058	42.653	ng	99
60) Diethylphthalate	10.269	149	511769	41.900	ng	100
61) 4-Chlorophenyl-phenyle...	10.380	204	266808	41.625	ng	94
62) 4-Nitroaniline	10.427	138	96008	42.126	ng	95
63) Azobenzene	10.545	77	567928	43.833	ng	99
65) 4,6-Dinitro-2-methylph...	10.451	198	80359	40.901	ng	86
66) n-Nitrosodiphenylamine	10.504	169	415143	43.433	ng	100
67) 4-Bromophenyl-phenylether	10.874	248	160612	42.142	ng	95
68) Hexachlorobenzene	10.939	284	176325	45.734	ng	97
69) Atrazine	11.039	200	153973	44.298	ng	97
70) Pentachlorophenol	11.139	266	149049	72.904	ng	98
71) Phenanthrene	11.357	178	695279	43.778	ng	100
72) Anthracene	11.410	178	712609	43.585	ng	99
73) Carbazole	11.569	167	585834	43.280	ng	100
74) Di-n-butylphthalate	11.892	149	776103	41.177	ng	100
75) Fluoranthene	12.545	202	731874	40.974	ng	99
77) Benzidine	12.674	184	250779	49.206	ng	97
78) Pyrene	12.780	202	731447	52.277	ng	100
80) Butylbenzylphthalate	13.398	149	256090	45.345	ng	97
81) Benzo(a)anthracene	13.968	228	480027	43.010	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	87127	25.013	ng	98
83) Chrysene	14.004	228	452779	43.409	ng	100
84) Bis(2-ethylhexyl)phtha...	13.951	149	316194	41.326	ng	100
85) Di-n-octyl phthalate	14.568	149	477350	45.592	ng	100
87) Indeno(1,2,3-cd)pyrene	16.909	276	524317	56.498	ng	99
88) Benzo(b)fluoranthene	15.015	252	446821	43.052	ng	100
89) Benzo(k)fluoranthene	15.045	252	403942	38.998	ng	98
90) Benzo(a)pyrene	15.380	252	389363	41.639	ng	99
91) Dibenzo(a,h)anthracene	16.921	278	443419	56.998	ng	98
92) Benzo(g,h,i)perylene	17.351	276	431476	51.519	ng	99

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

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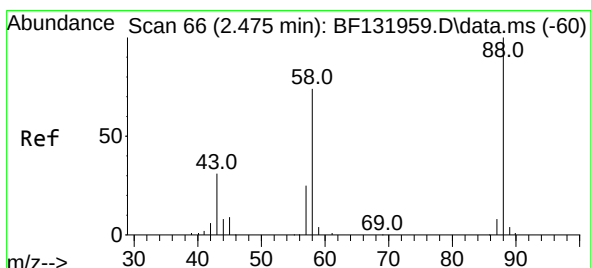
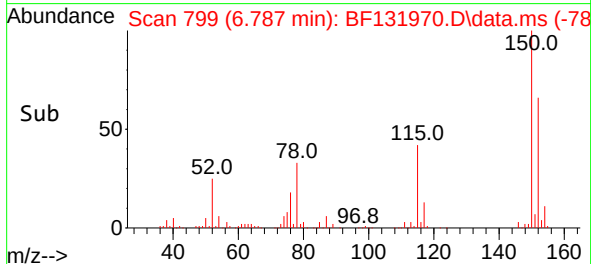
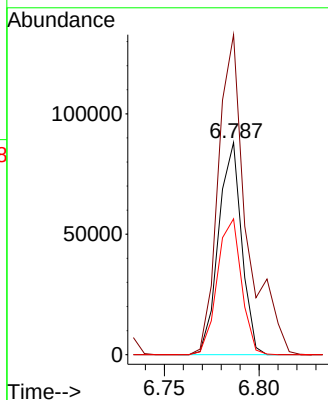
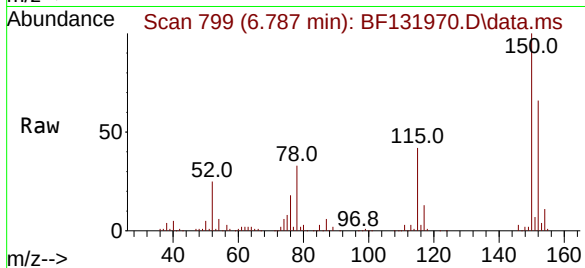




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BF131970.D
 Acq: 09 Jan 2023 18:57

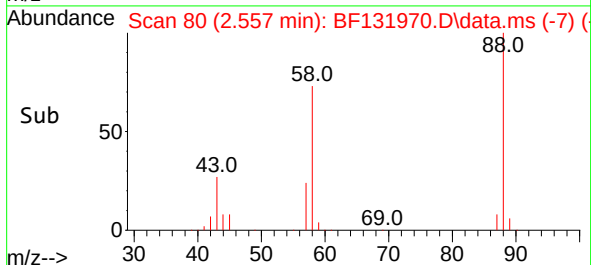
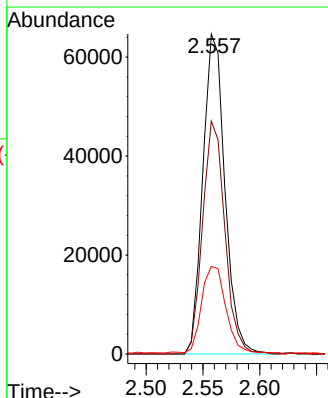
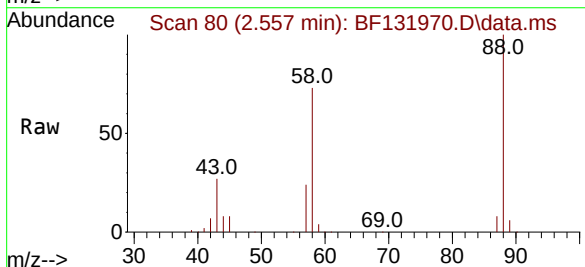
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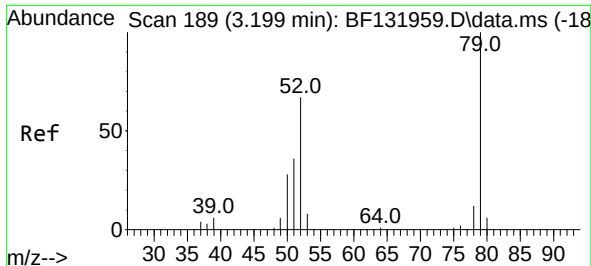
Tgt Ion:152 Resp: 74648
 Ion Ratio Lower Upper
 152 100
 150 150.8 124.6 186.8
 115 64.0 55.6 83.4



#2
 1,4-Dioxane
 Concen: 44.194 ng
 RT: 2.557 min Scan# 80
 Delta R.T. 0.082 min
 Lab File: BF131970.D
 Acq: 09 Jan 2023 18:57

Tgt Ion: 88 Resp: 87440
 Ion Ratio Lower Upper
 88 100
 58 73.1 59.0 88.4
 43 30.9 24.6 37.0

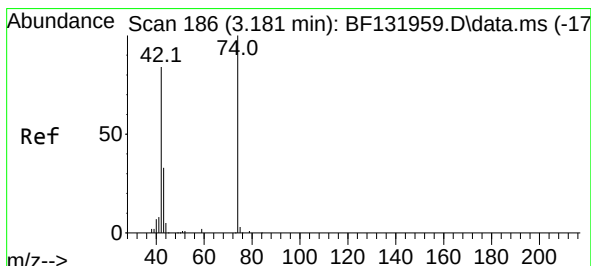
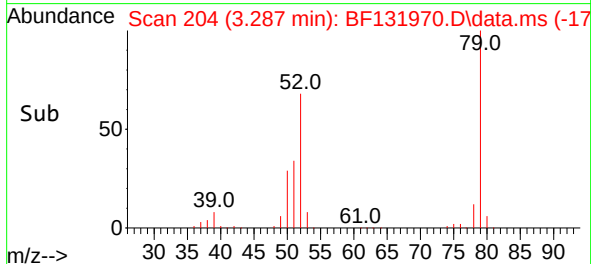
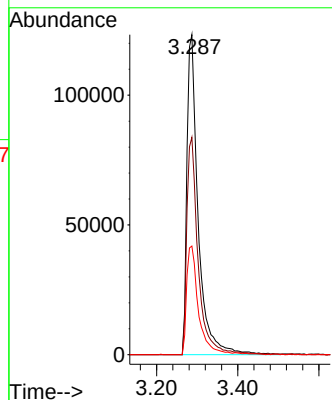
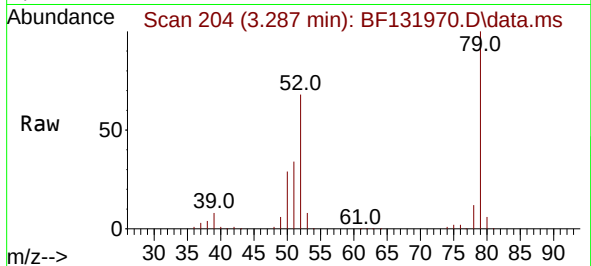




#3
Pyridine
Concen: 42.674 ng
RT: 3.287 min Scan# 20
Delta R.T. 0.088 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

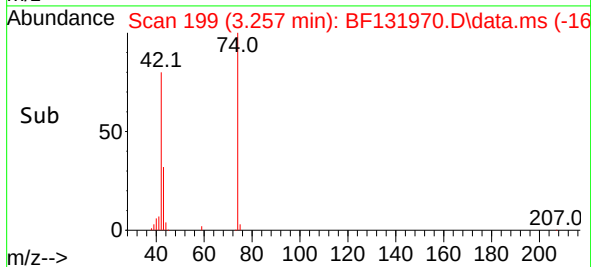
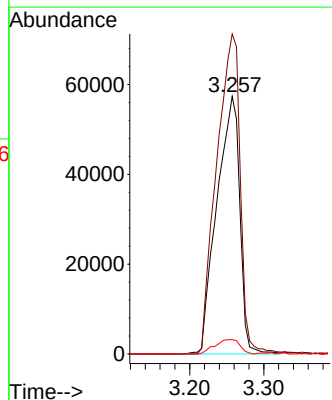
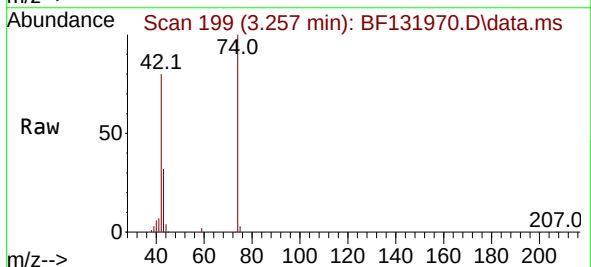
Instrument :
BNA_F
ClientSampleId :
TP-203MSD

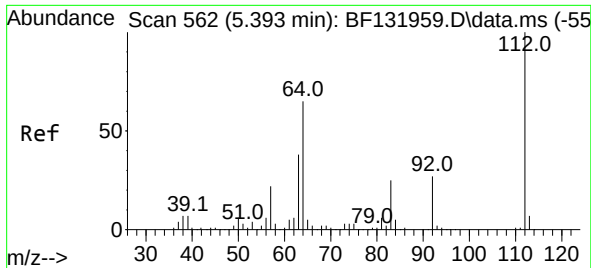
Tgt Ion: 79 Resp: 236968
Ion Ratio Lower Upper
79 100
52 67.9 53.7 80.5
51 33.9 28.6 43.0



#4
n-Nitrosodimethylamine
Concen: 47.153 ng
RT: 3.257 min Scan# 199
Delta R.T. 0.076 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

Tgt Ion: 42 Resp: 123058
Ion Ratio Lower Upper
42 100
74 124.3 94.8 142.2
44 5.5 4.5 6.7

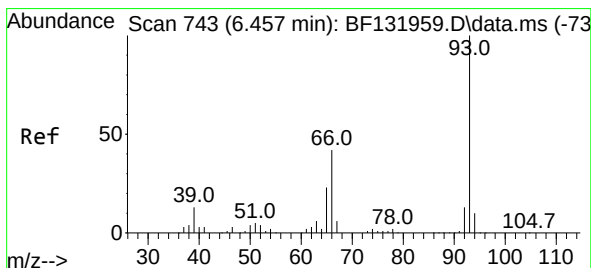
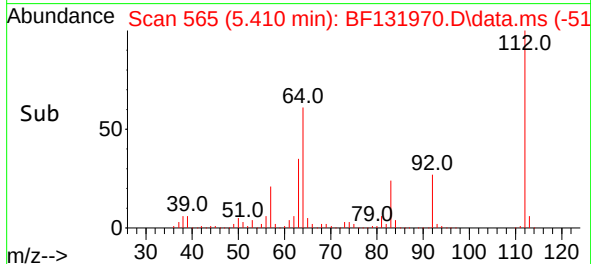
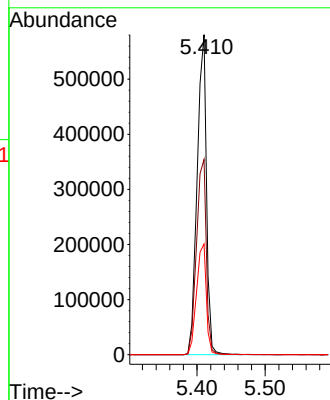
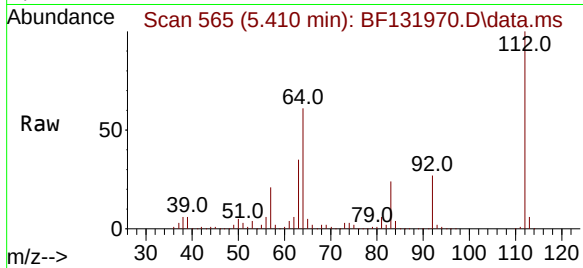




#5
2-Fluorophenol
Concen: 121.024 ng
RT: 5.410 min Scan# 50
Delta R.T. 0.017 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

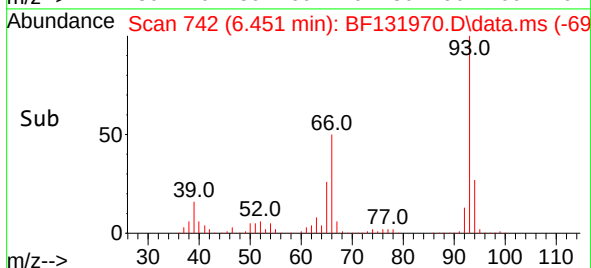
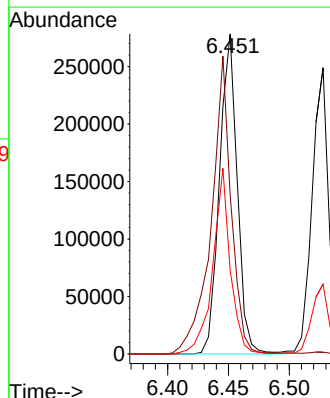
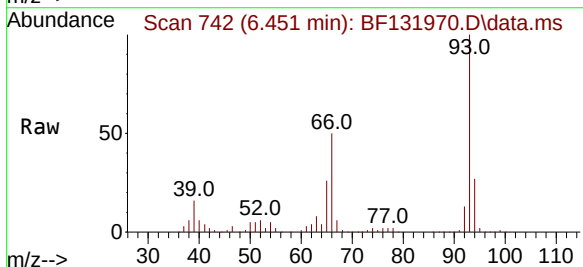
Instrument :
BNA_F
ClientSampleId :
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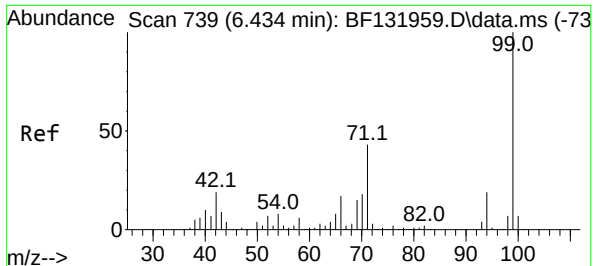
Tgt Ion:112 Resp: 548265
Ion Ratio Lower Upper
112 100
64 61.0 51.9 77.9
63 34.6 30.2 45.2



#6
Aniline
Concen: 35.818 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

Tgt Ion: 93 Resp: 283068
Ion Ratio Lower Upper
93 100
66 49.8 34.6 51.8
65 26.3 18.2 27.2



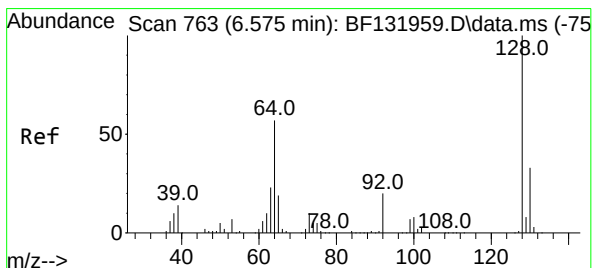
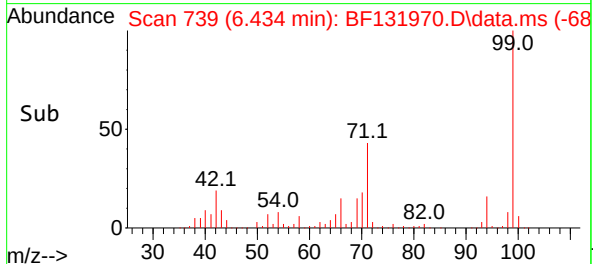
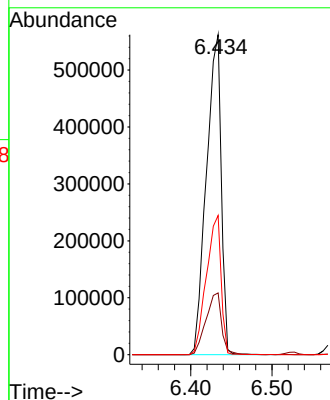
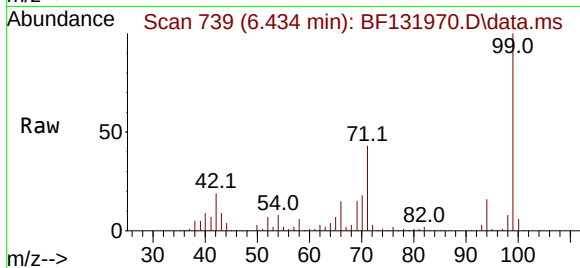


#7
Phenol-d6
Concen: 118.291 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

Instrument :
BNA_F
ClientSampleId :
TP-203MSD

Tgt Ion: 99 Resp: 710514

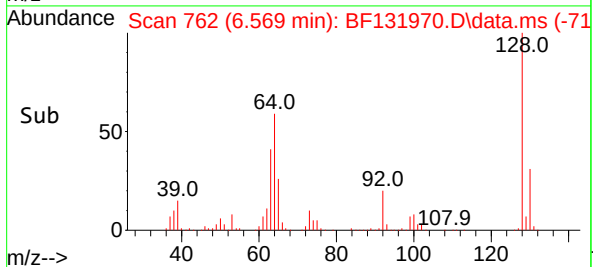
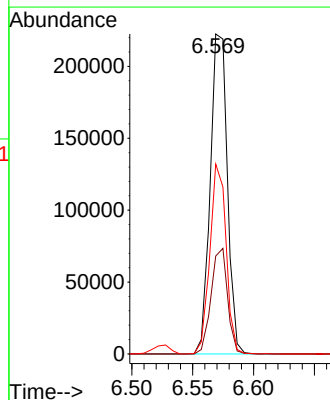
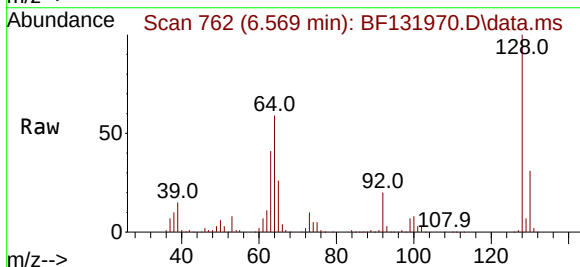
Ion	Ratio	Lower	Upper
99	100		
42	19.3	15.4	23.2
71	43.5	34.6	51.8

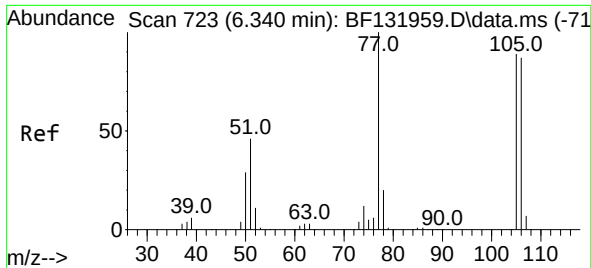


#8
2-Chlorophenol
Concen: 47.695 ng
RT: 6.569 min Scan# 762
Delta R.T. -0.006 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

Tgt Ion: 128 Resp: 216785

Ion	Ratio	Lower	Upper
128	100		
130	30.6	12.5	52.5
64	59.3	37.6	77.6





#9

Benzaldehyde

Concen: 34.241 ng

RT: 6.334 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF131970.D

Acq: 09 Jan 2023 18:57

Instrument :

BNA_F

ClientSampleId :

TP-203MSD

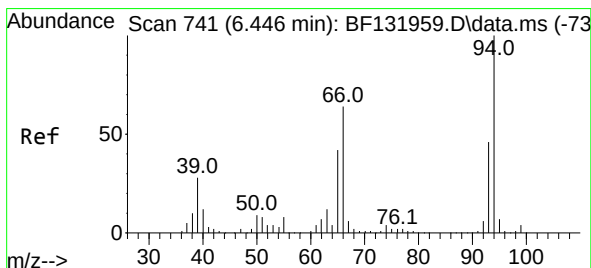
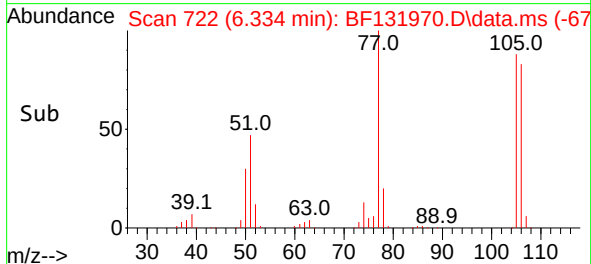
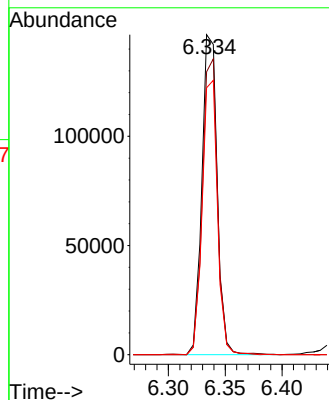
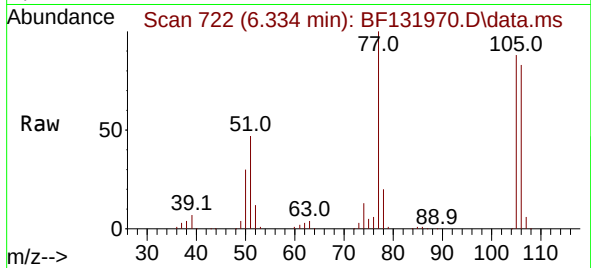
Tgt Ion: 77 Resp: 136852

Ion Ratio Lower Upper

77 100

105 88.4 69.0 109.0

106 83.4 67.0 107.0



#10

Phenol

Concen: 45.950 ng

RT: 6.445 min Scan# 741

Delta R.T. -0.000 min

Lab File: BF131970.D

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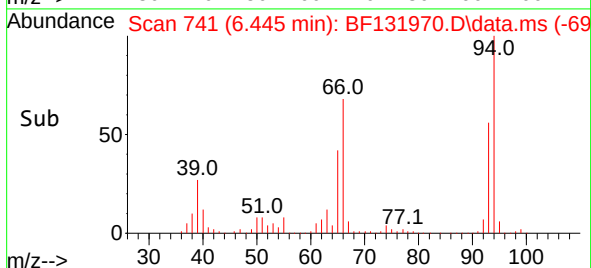
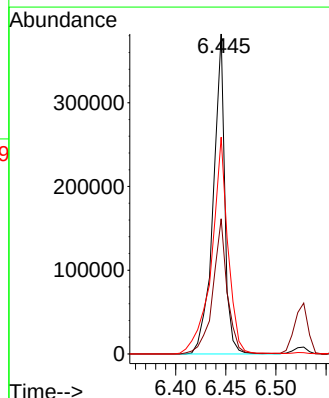
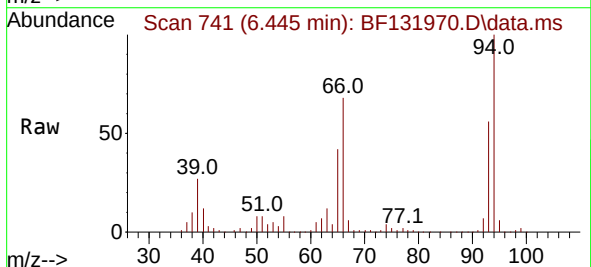
Tgt Ion: 94 Resp: 307888

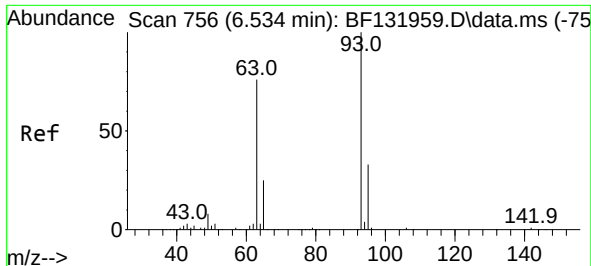
Ion Ratio Lower Upper

94 100

65 42.2 22.2 62.2

66 67.8 44.4 84.4

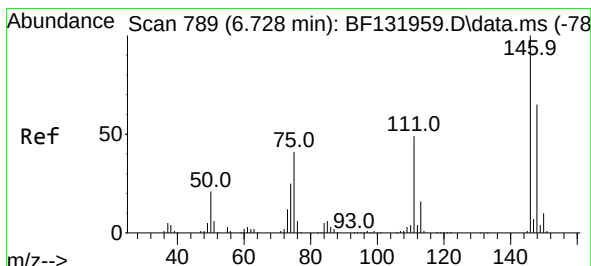
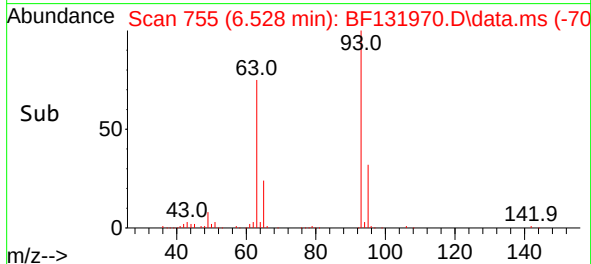
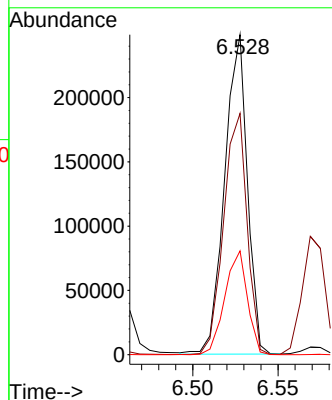
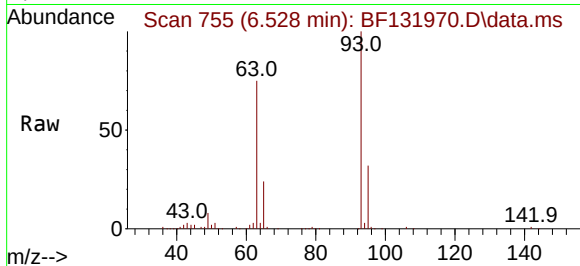




#11
bis(2-Chloroethyl)ether
Concen: 45.615 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

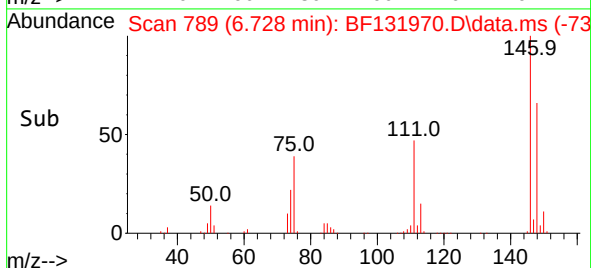
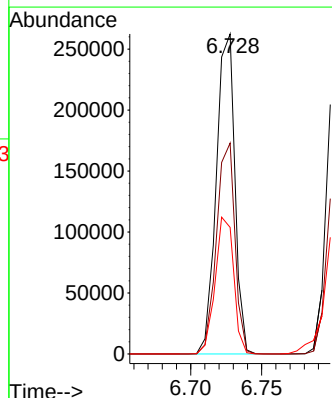
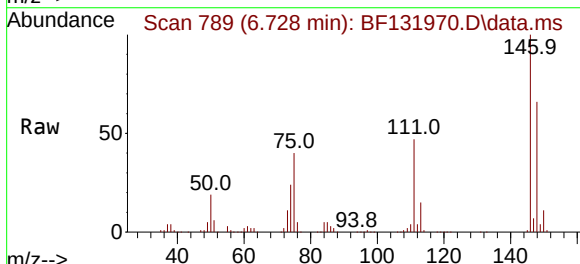
Instrument :
BNA_F
ClientSampleId :
TP-203MSD

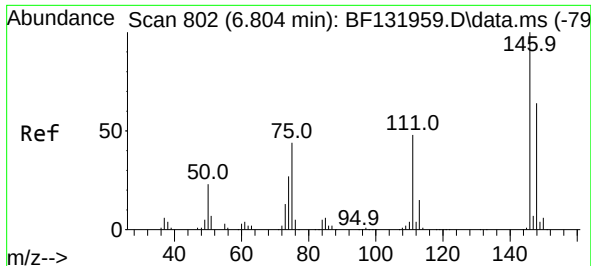
Tgt Ion: 93 Resp: 230404
Ion Ratio Lower Upper
93 100
63 75.4 55.5 95.5
95 32.5 13.1 53.1



#12
1,3-Dichlorobenzene
Concen: 47.008 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

Tgt Ion: 146 Resp: 237982
Ion Ratio Lower Upper
146 100
148 65.9 51.7 77.5
75 39.5 32.7 49.1

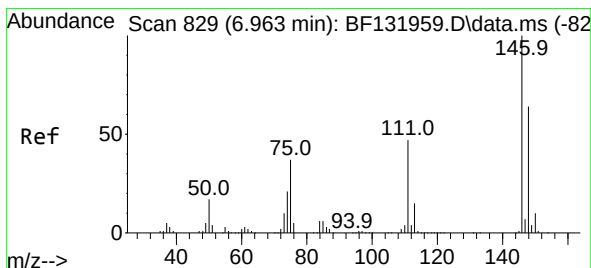
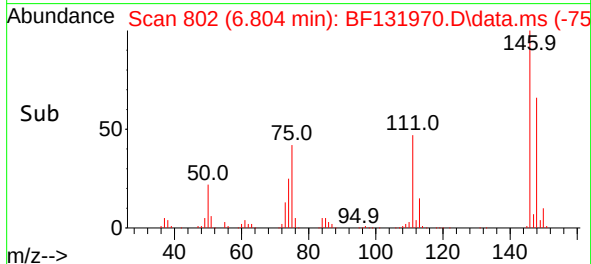
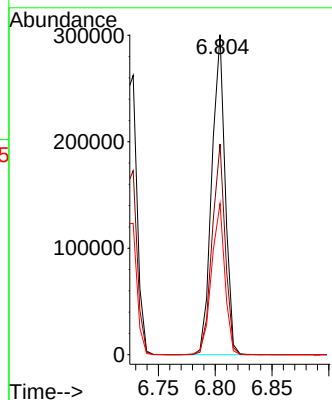
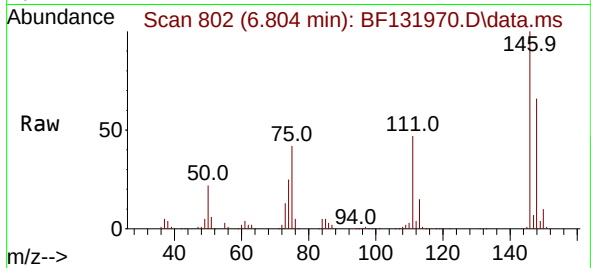




#13
1,4-Dichlorobenzene
Concen: 47.660 ng
RT: 6.804 min Scan# 801
Delta R.T. -0.000 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

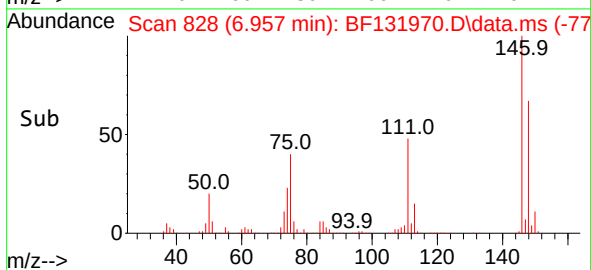
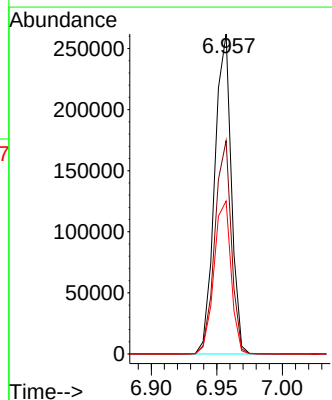
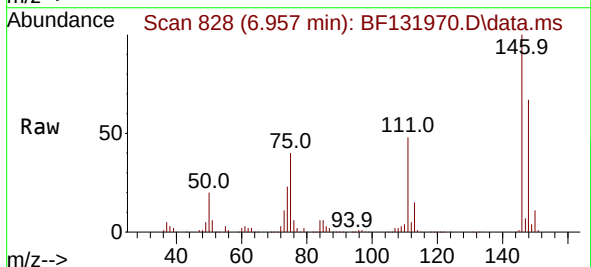
Instrument :
BNA_F
ClientSampleId :
TP-203MSD

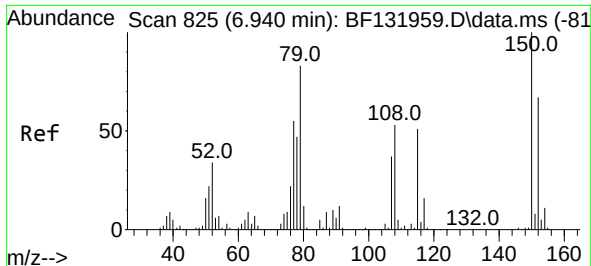
Tgt Ion:146 Resp: 244133
Ion Ratio Lower Upper
146 100
148 65.8 51.0 76.6
111 47.2 38.5 57.7



#14
1,2-Dichlorobenzene
Concen: 47.435 ng
RT: 6.957 min Scan# 828
Delta R.T. -0.006 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

Tgt Ion:146 Resp: 230769
Ion Ratio Lower Upper
146 100
148 66.6 51.4 77.0
111 47.8 37.7 56.5

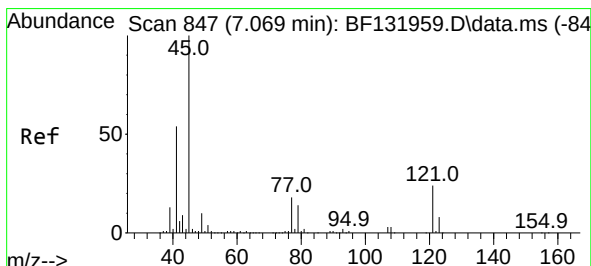
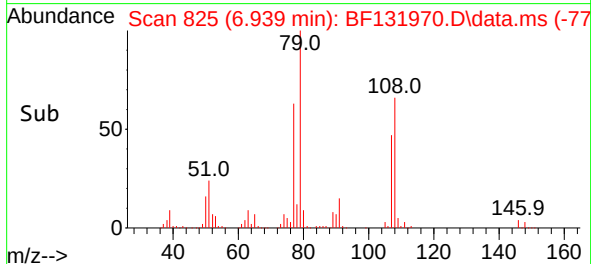
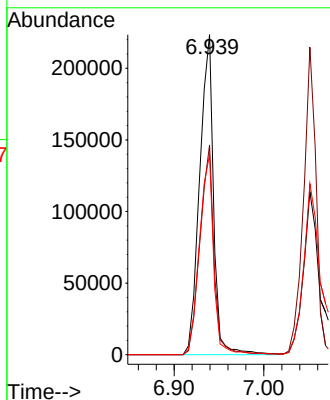
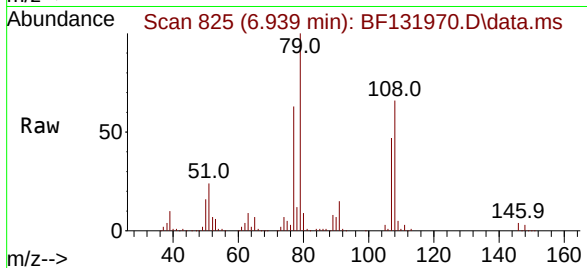




#15
Benzyl Alcohol
Concen: 45.911 ng
RT: 6.939 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

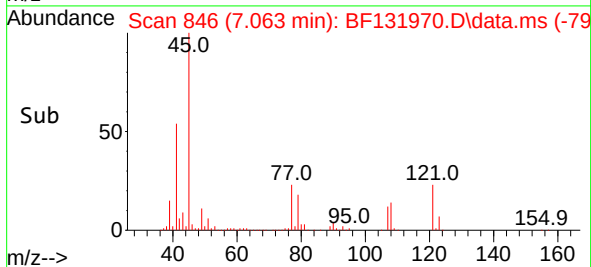
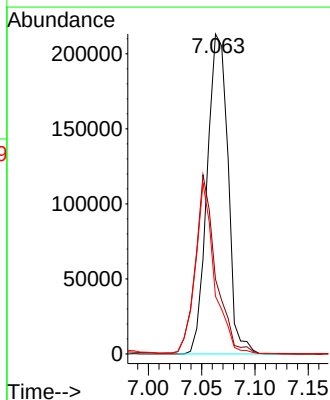
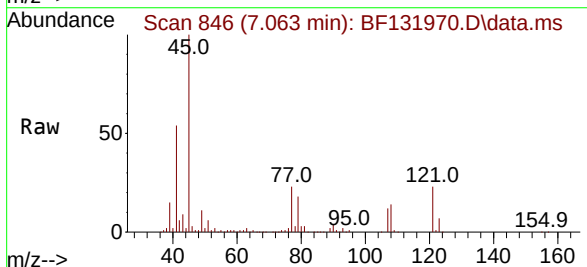
Instrument :
BNA_F
ClientSampleId :
TP-203MSD

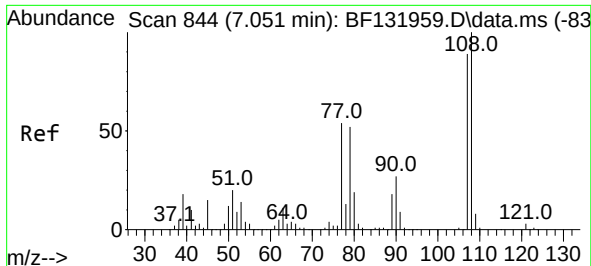
Tgt Ion: 79 Resp: 240142
Ion Ratio Lower Upper
79 100
108 65.5 51.7 77.5
77 62.5 52.9 79.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.353 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

Tgt Ion: 45 Resp: 289096
Ion Ratio Lower Upper
45 100
77 23.4 0.0 38.1
79 18.0 0.0 34.6

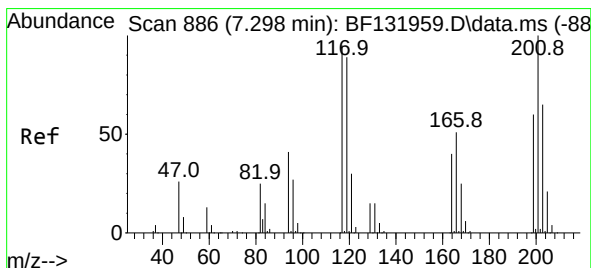
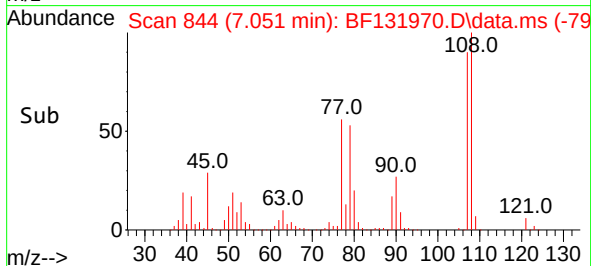
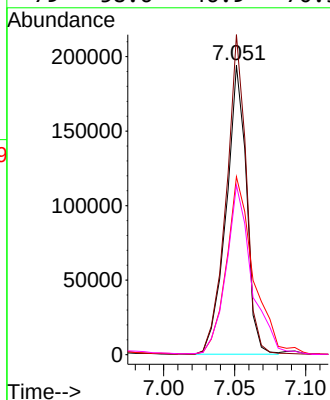
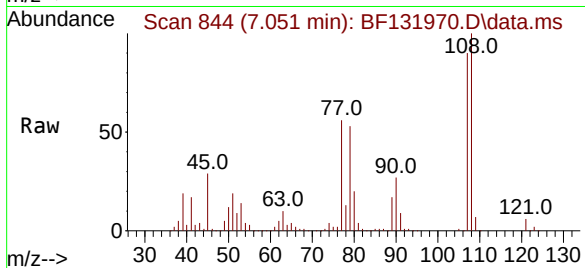




#17
2-Methylphenol
Concen: 42.745 ng
RT: 7.051 min Scan# 844
Delta R.T. -0.000 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

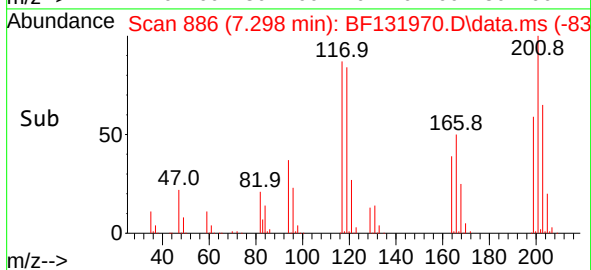
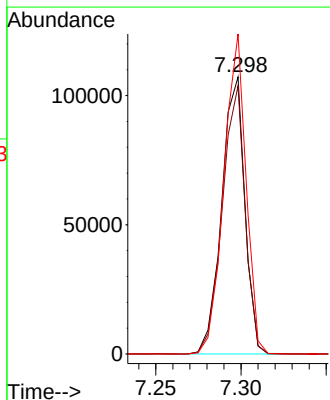
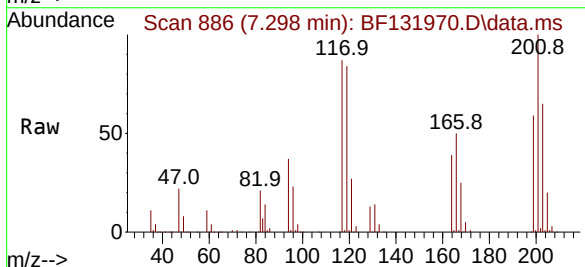
Instrument :
BNA_F
ClientSampleId :
TP-203MSD

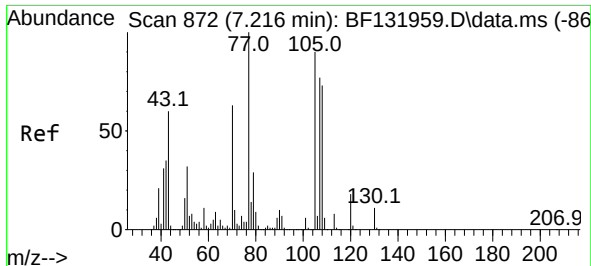
Tgt Ion:	107	Resp:	192269
Ion	Ratio	Lower	Upper
107	100		
108	110.5	90.0	135.0
77	61.5	48.8	73.2
79	58.6	46.9	70.3



#18
Hexachloroethane
Concen: 47.902 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

Tgt Ion:	117	Resp:	101473
Ion	Ratio	Lower	Upper
117	100		
119	96.8	75.4	113.0
201	115.6	84.2	126.4





#19

n-Nitroso-di-n-propylamine

Concen: 43.044 ng

RT: 7.210 min Scan# 871

Delta R.T. -0.006 min

Lab File: BF131970.D

Acq: 09 Jan 2023 18:57

Instrument :

BNA_F

ClientSampleId :

TP-203MSD

Tgt Ion: 70 Resp: 187029

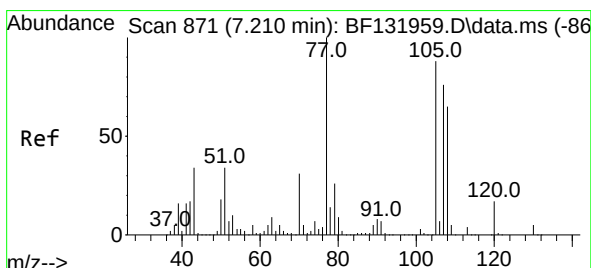
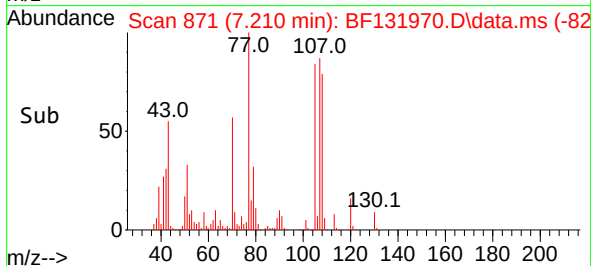
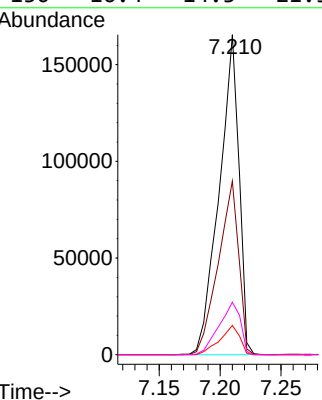
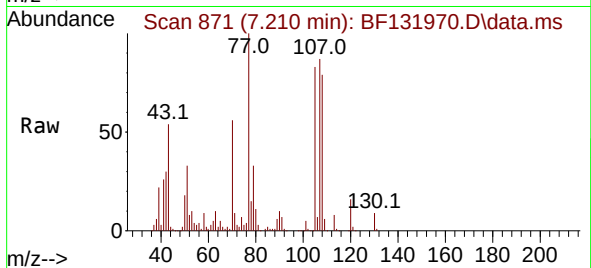
Ion Ratio Lower Upper

70 100

42 54.3 44.3 66.5

101 9.2 7.5 11.3

130 16.4 14.3 21.5



#20

3+4-Methylphenols

Concen: 43.089 ng

RT: 7.210 min Scan# 871

Delta R.T. -0.000 min

Lab File: BF131970.D

Acq: 09 Jan 2023 18:57

Tgt Ion:107 Resp: 248828

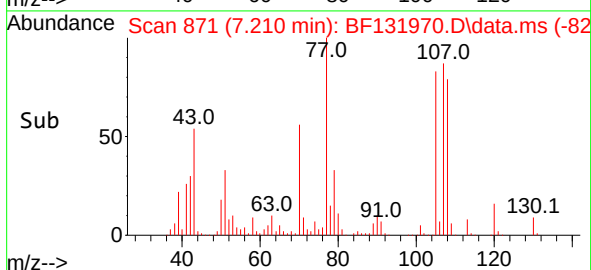
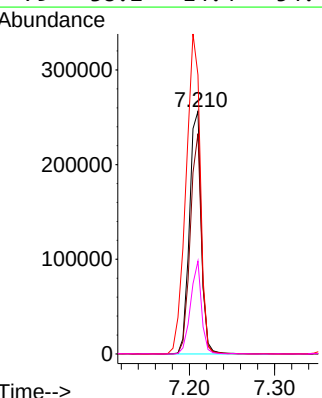
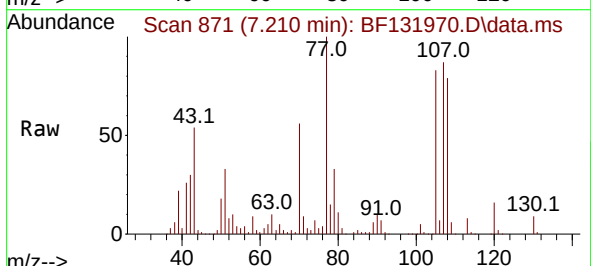
Ion Ratio Lower Upper

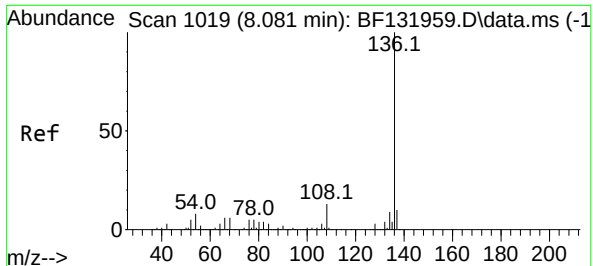
107 100

108 90.8 65.1 105.1

77 115.0 111.2 151.2

79 38.2 14.4 54.4

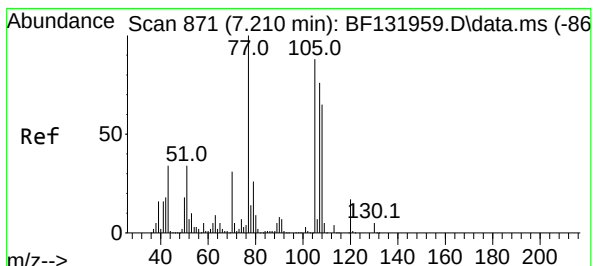
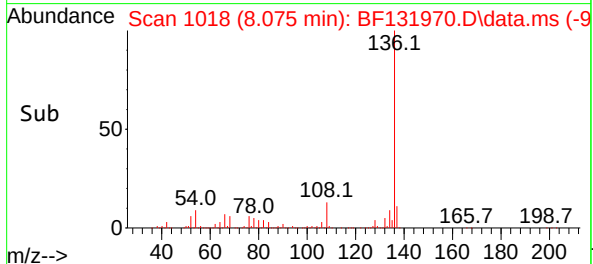
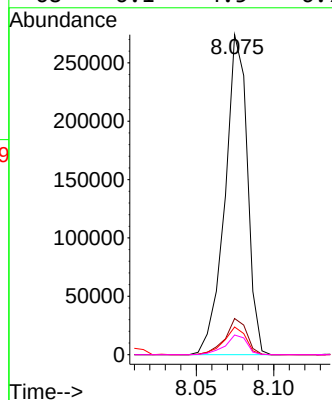
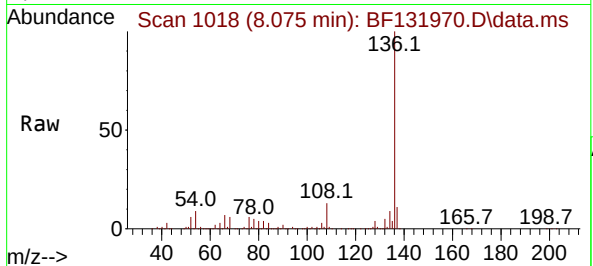




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

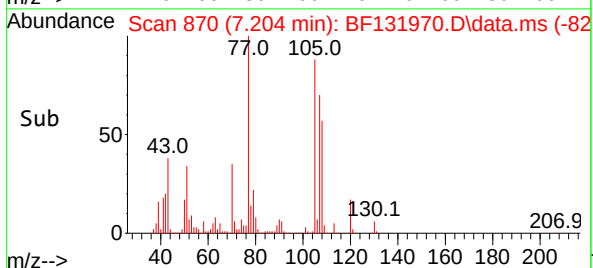
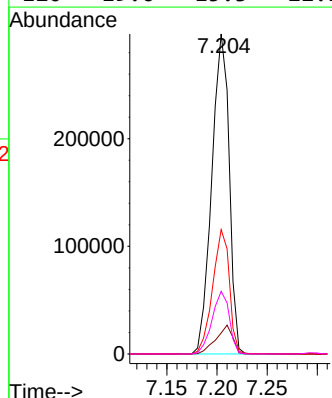
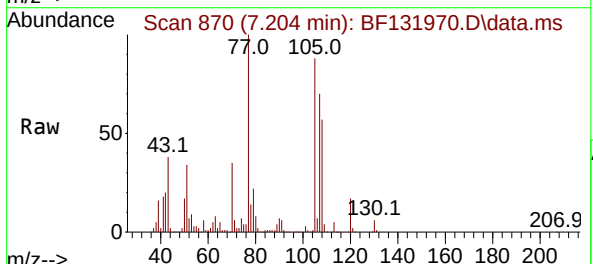
Instrument :
BNA_F
ClientSampleId :
TP-203MSD

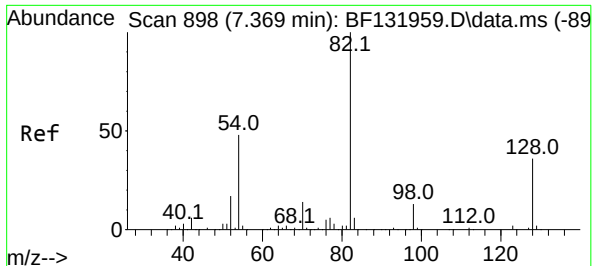
Tgt Ion:136	Resp: 275599
Ion Ratio	Lower Upper
136 100	
137 11.3	8.2 12.2
54 8.7	6.6 9.8
68 6.1	4.5 6.7



#22
Acetophenone
Concen: 44.692 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

Tgt	Ion:105	Resp:	358616
Ion	Ratio	Lower	Upper
105	100		
71	6.6	4.6	7.0
51	38.9	30.6	46.0
120	19.6	15.3	22.9





#23

Nitrobenzene-d5

Concen: 75.548 ng

RT: 7.363 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF131970.D

Acq: 09 Jan 2023 18:57

Instrument :

BNA_F

ClientSampleId :

TP-203MSD

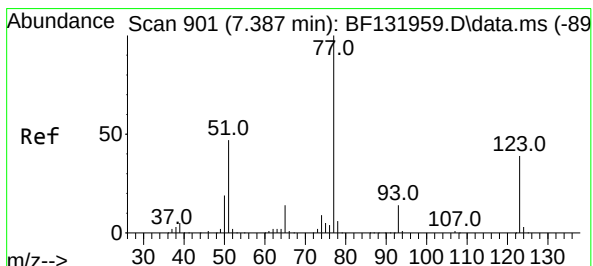
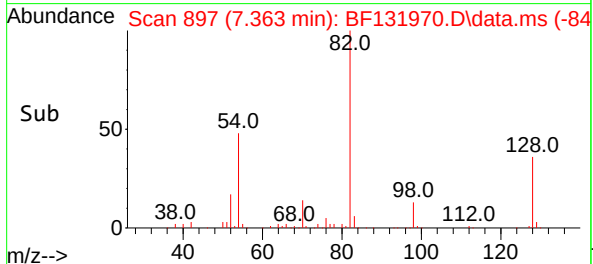
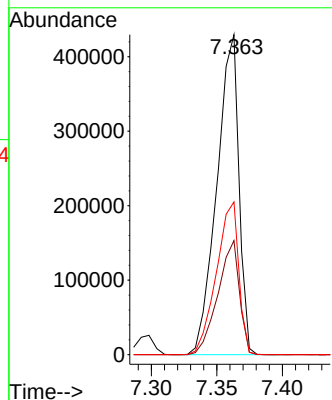
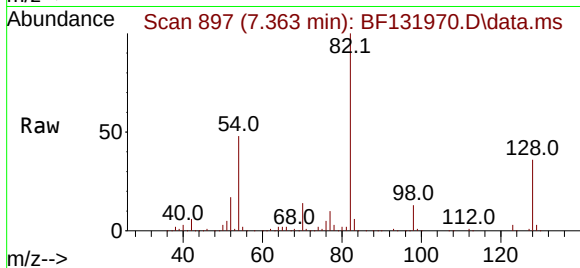
Tgt Ion: 82 Resp: 501665

Ion Ratio Lower Upper

82 100

128 35.7 28.7 43.1

54 47.7 38.1 57.1



#24

Nitrobenzene

Concen: 42.948 ng

RT: 7.381 min Scan# 900

Delta R.T. -0.006 min

Lab File: BF131970.D

Acq: 09 Jan 2023 18:57

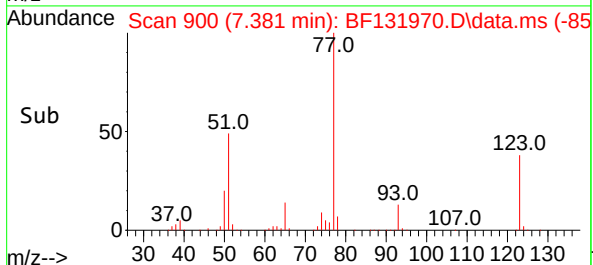
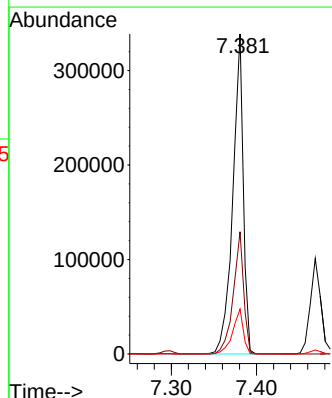
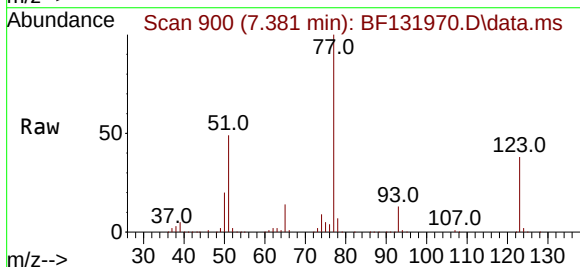
Tgt Ion: 77 Resp: 290338

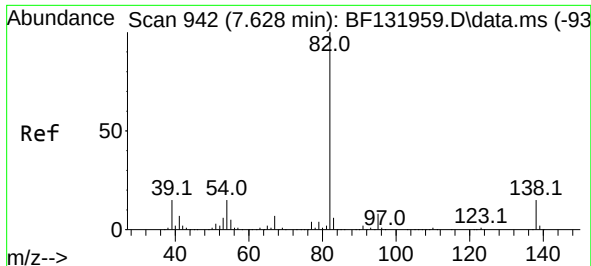
Ion Ratio Lower Upper

77 100

123 38.2 30.9 46.3

65 14.1 10.8 16.2

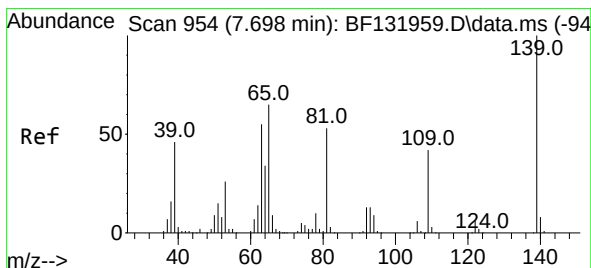
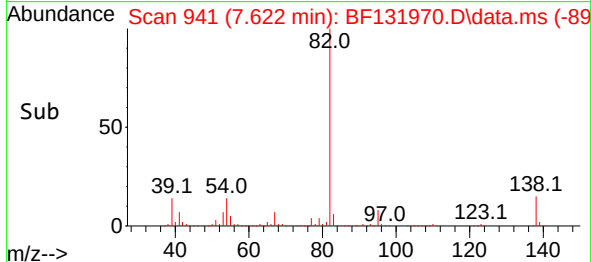
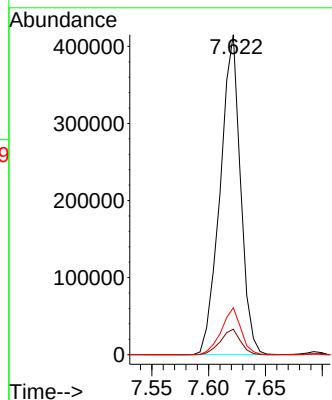
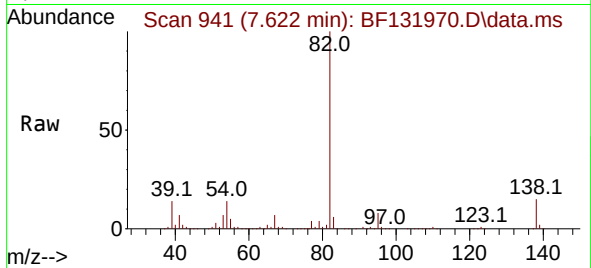




#25
Isophorone
Concen: 41.746 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

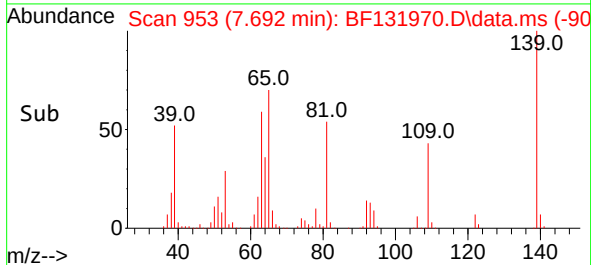
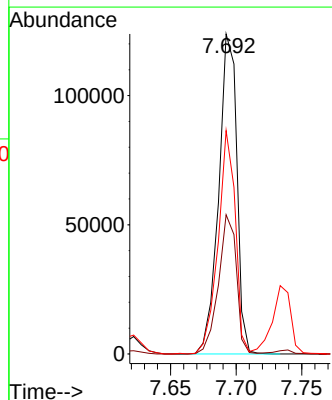
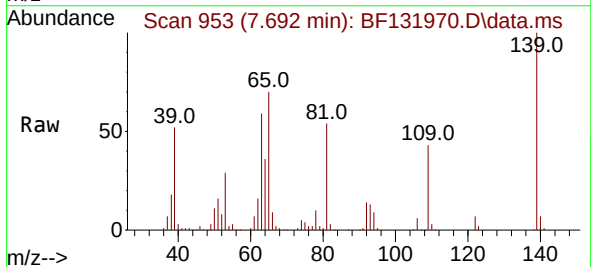
Instrument :
BNA_F
ClientSampleId :
TP-203MSD

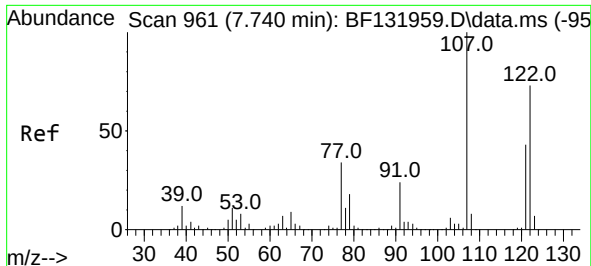
Tgt Ion: 82 Resp: 517875
Ion Ratio Lower Upper
82 100
95 7.9 6.5 9.7
138 14.7 11.9 17.9



#26
2-Nitrophenol
Concen: 44.723 ng
RT: 7.692 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

Tgt Ion:139 Resp: 118960
Ion Ratio Lower Upper
139 100
109 43.5 33.9 50.9
65 69.8 51.6 77.4





#27

2,4-Dimethylphenol

Concen: 44.197 ng

RT: 7.734 min Scan# 961

Delta R.T. -0.006 min

Lab File: BF131970.D

Acq: 09 Jan 2023 18:57

Instrument :

BNA_F

ClientSampleId :

TP-203MSD

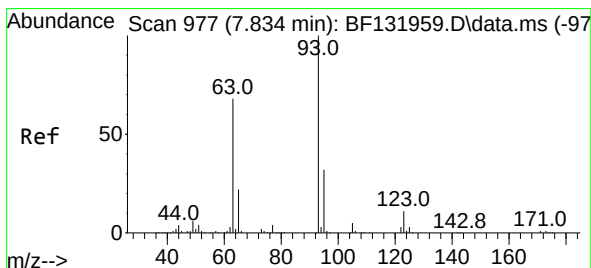
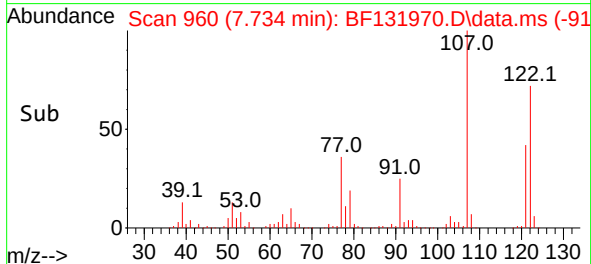
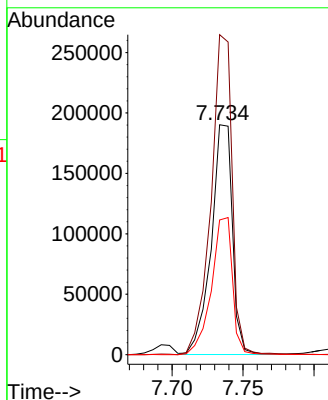
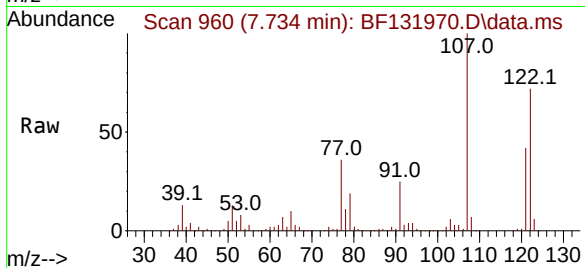
Tgt Ion:122 Resp: 196230

Ion Ratio Lower Upper

122 100

107 139.2 109.4 164.0

121 58.6 47.2 70.8



#28

bis(2-Chloroethoxy)methane

Concen: 42.662 ng

RT: 7.834 min Scan# 977

Delta R.T. -0.000 min

Lab File: BF131970.D

Acq: 09 Jan 2023 18:57

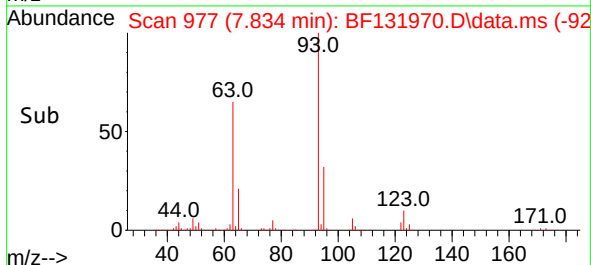
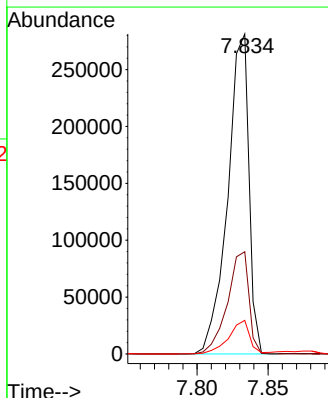
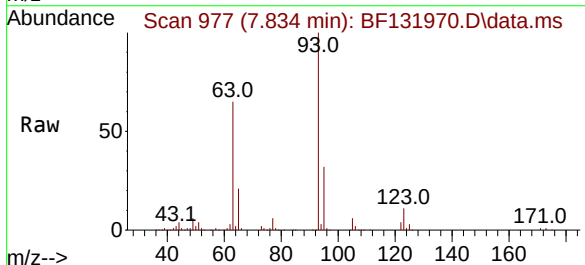
Tgt Ion: 93 Resp: 292905

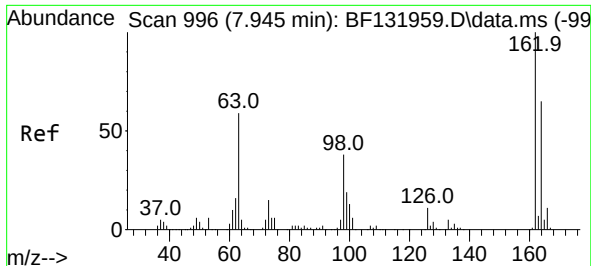
Ion Ratio Lower Upper

93 100

95 32.0 25.8 38.6

123 10.5 8.4 12.6

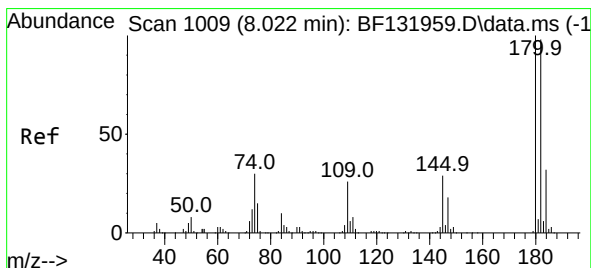
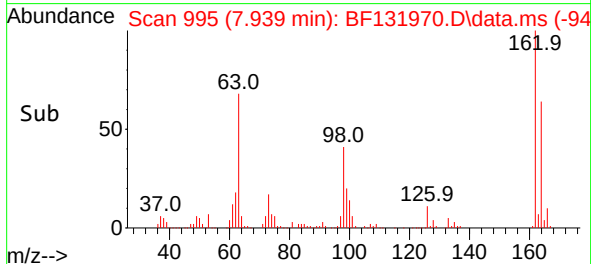
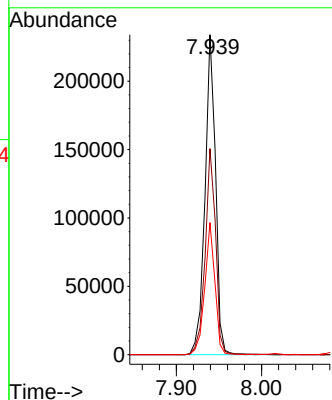
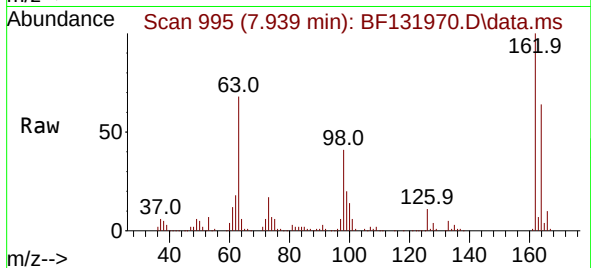




#29
2,4-Dichlorophenol
Concen: 44.290 ng
RT: 7.939 min Scan# 996
Delta R.T. -0.006 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

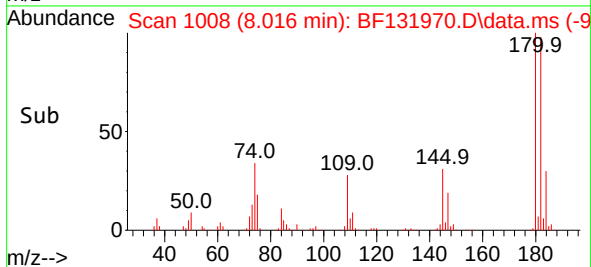
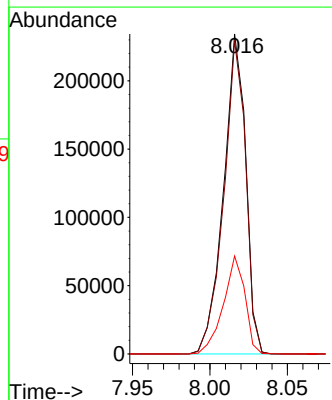
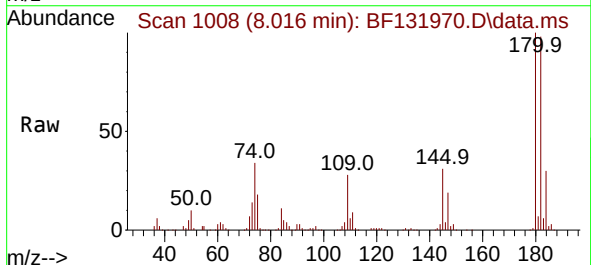
Instrument :
BNA_F
ClientSampleId :
TP-203MSD

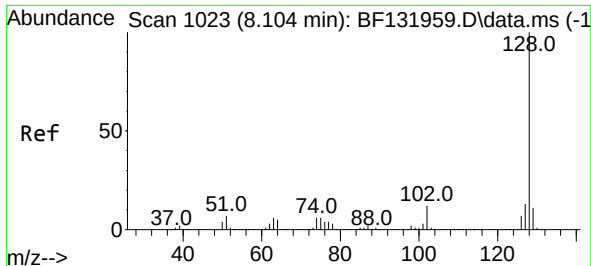
Tgt Ion:162 Resp: 201418
Ion Ratio Lower Upper
162 100
164 64.4 45.2 85.2
98 41.3 17.5 57.5



#30
1,2,4-Trichlorobenzene
Concen: 44.923 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

Tgt Ion:180 Resp: 233973
Ion Ratio Lower Upper
180 100
182 97.9 78.4 117.6
145 30.6 23.2 34.8

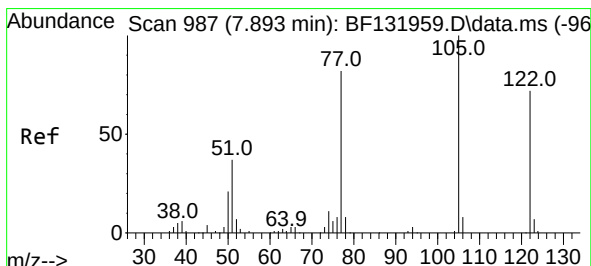
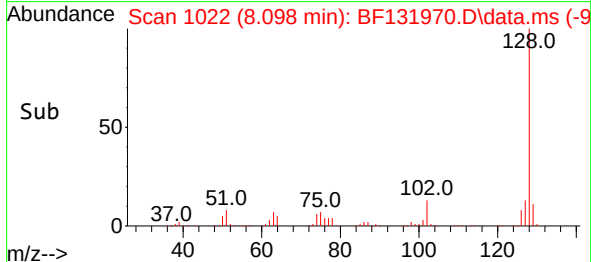
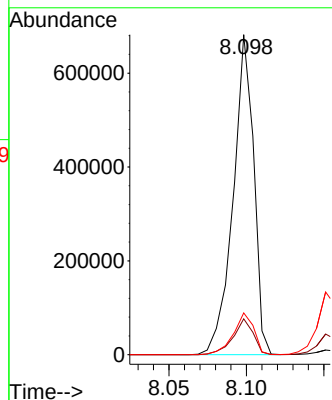
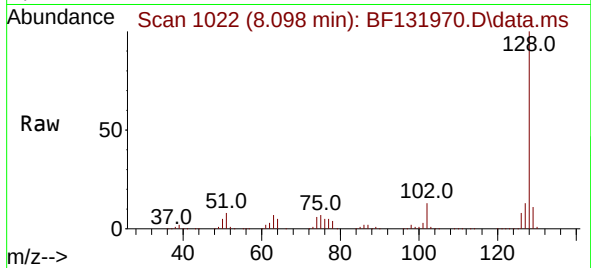




#31
Naphthalene
Concen: 43.240 ng
RT: 8.098 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

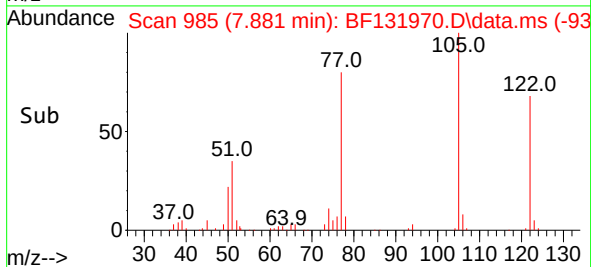
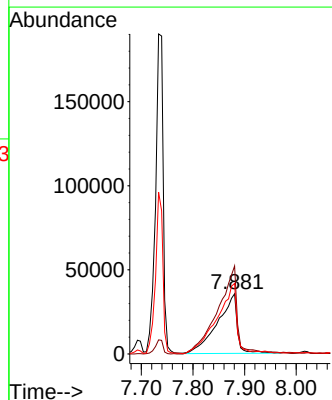
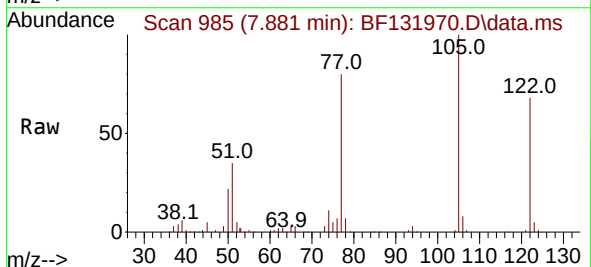
Instrument :
BNA_F
ClientSampleId :
TP-203MSD

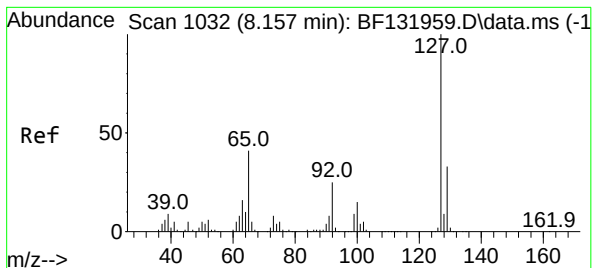
Tgt Ion:128 Resp: 629785
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.1 10.5 15.7



#32
Benzoic acid
Concen: 36.844 ng
RT: 7.881 min Scan# 985
Delta R.T. -0.012 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

Tgt Ion:122 Resp: 94839
Ion Ratio Lower Upper
122 100
105 146.4 116.3 156.3
77 117.3 92.7 132.7





#33

4-Chloroaniline

Concen: 22.828 ng

RT: 8.151 min Scan# 1032

Delta R.T. -0.006 min

Lab File: BF131970.D

Acq: 09 Jan 2023 18:57

Instrument :

BNA_F

ClientSampleId :

TP-203MSD

Tgt Ion:127 Resp: 137202

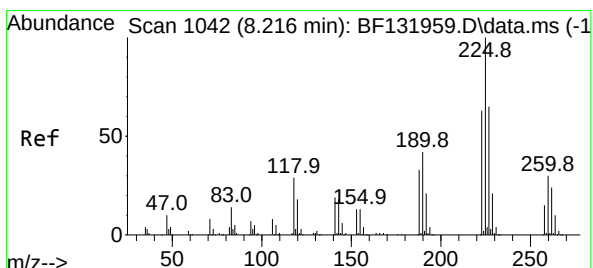
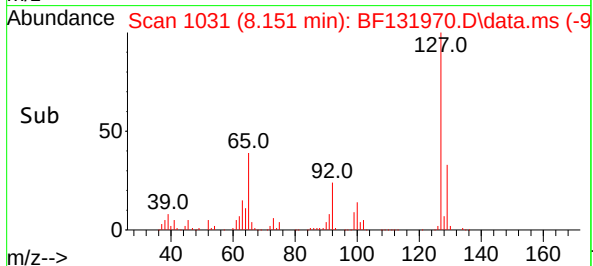
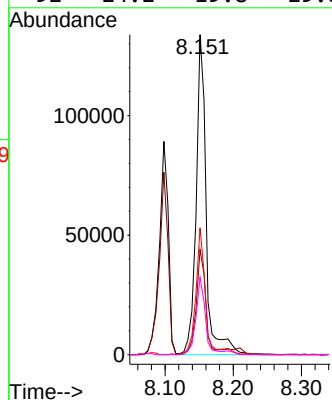
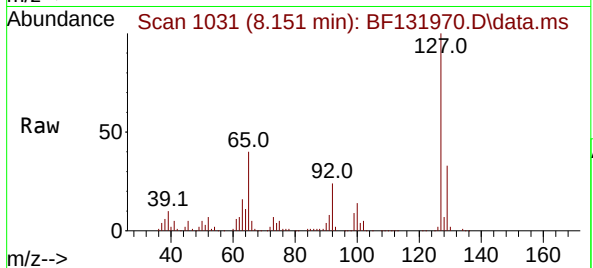
Ion Ratio Lower Upper

127 100

129 32.8 26.5 39.7

65 39.7 33.1 49.7

92 24.2 19.8 29.8



#34

Hexachlorobutadiene

Concen: 43.857 ng

RT: 8.210 min Scan# 1041

Delta R.T. -0.006 min

Lab File: BF131970.D

Acq: 09 Jan 2023 18:57

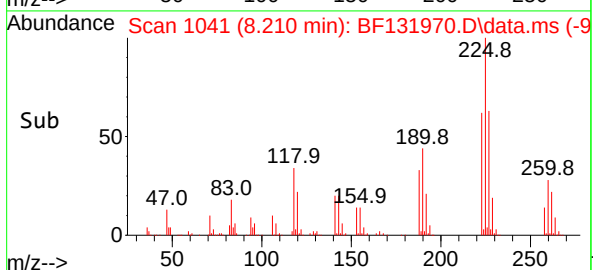
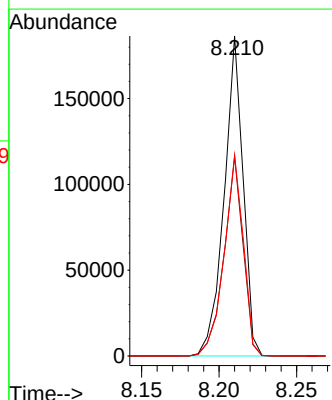
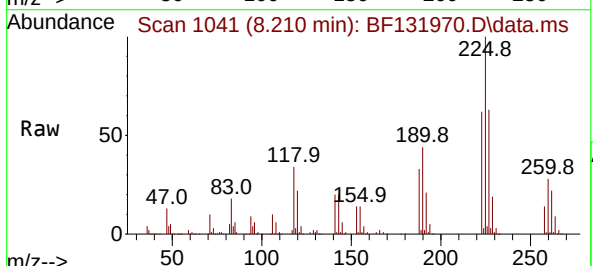
Tgt Ion:225 Resp: 158372

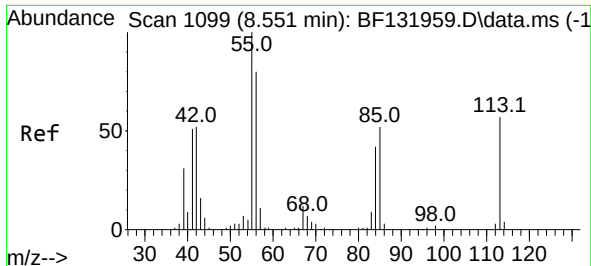
Ion Ratio Lower Upper

225 100

223 62.3 50.6 75.8

227 62.8 51.6 77.4





#35

Caprolactam

Concen: 23.577 ng

RT: 8.539 min Scan# 1097

Delta R.T. -0.012 min

Lab File: BF131970.D

Acq: 09 Jan 2023 18:57

Instrument :

BNA_F

ClientSampleId :

TP-203MSD

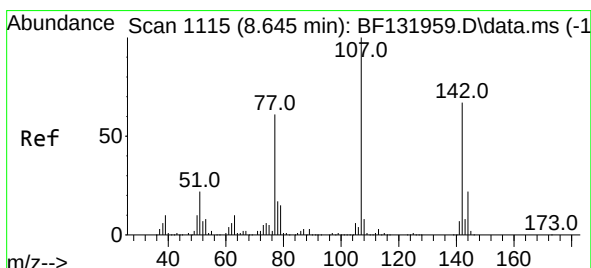
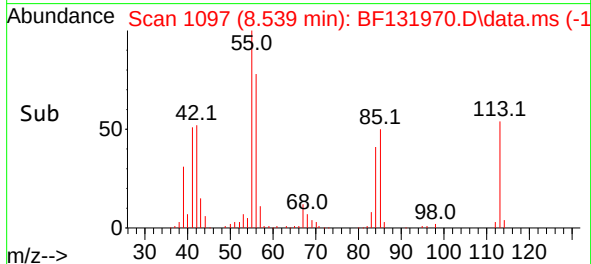
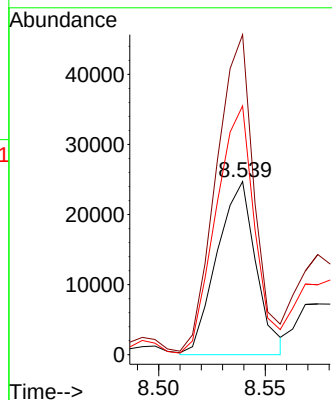
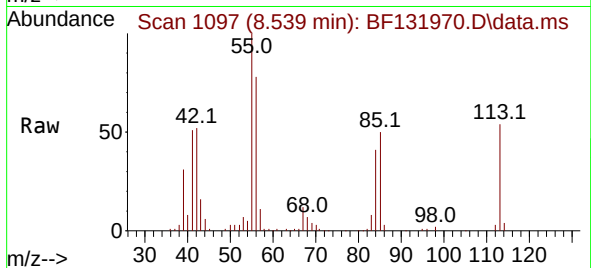
Tgt Ion:113 Resp: 31491

Ion Ratio Lower Upper

113 100

55 184.8 154.4 194.4

56 143.7 119.6 159.6



#36

4-Chloro-3-methylphenol

Concen: 43.572 ng

RT: 8.645 min Scan# 1115

Delta R.T. -0.000 min

Lab File: BF131970.D

Acq: 09 Jan 2023 18:57

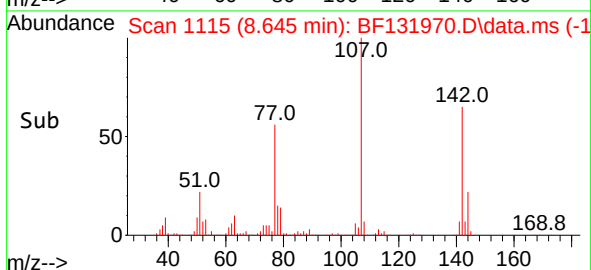
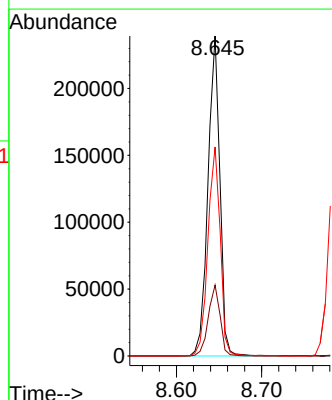
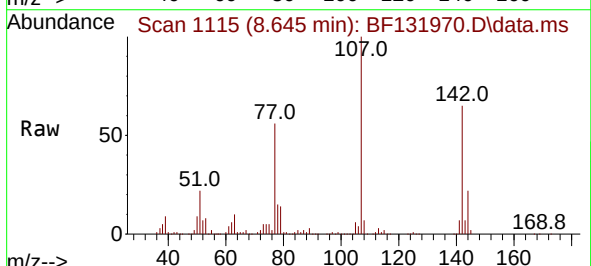
Tgt Ion:107 Resp: 232567

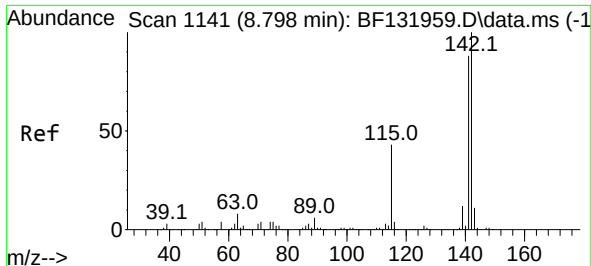
Ion Ratio Lower Upper

107 100

144 22.1 17.4 26.2

142 65.3 53.7 80.5

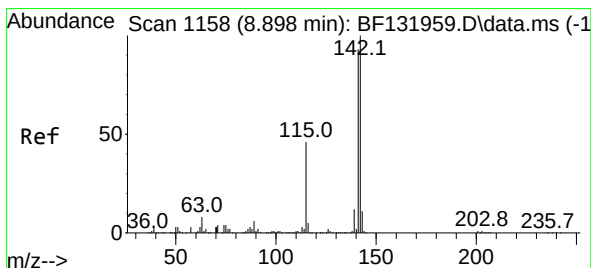
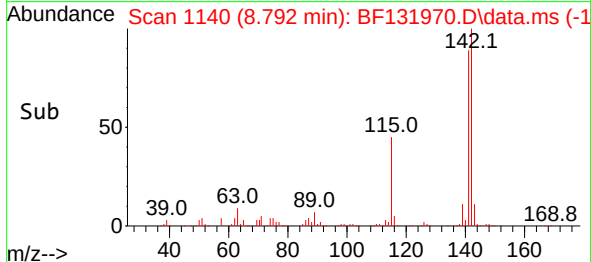
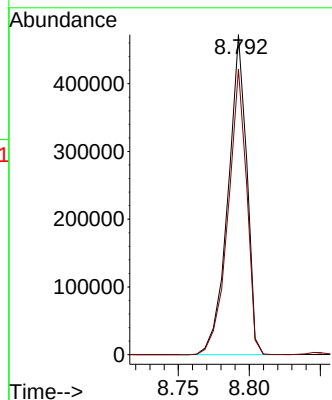
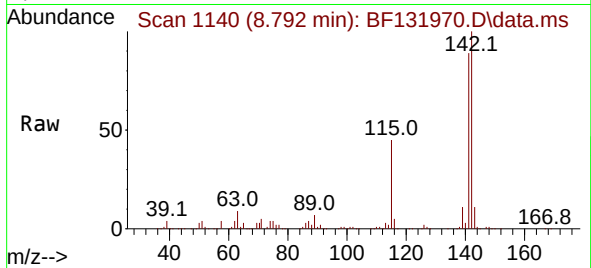




#37
2-Methylnaphthalene
Concen: 41.214 ng
RT: 8.792 min Scan# 1141
Delta R.T. -0.006 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

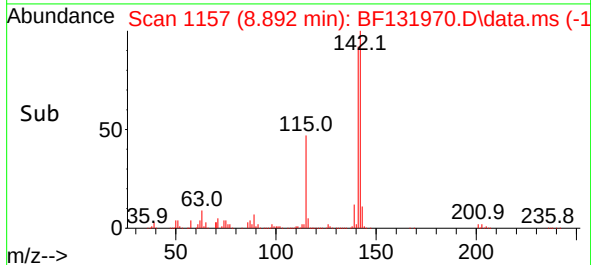
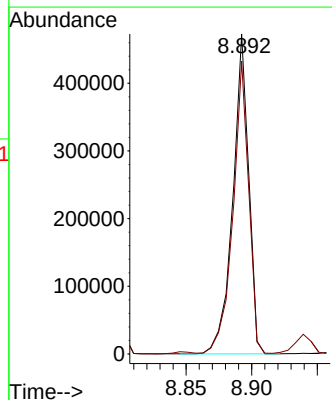
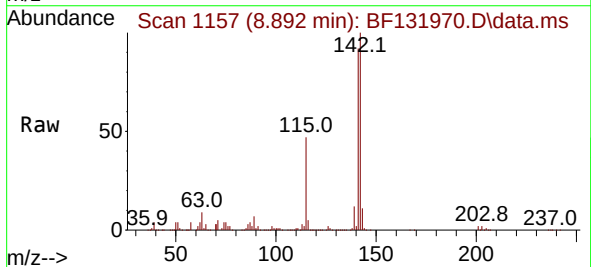
Instrument :
BNA_F
ClientSampleId :
TP-203MSD

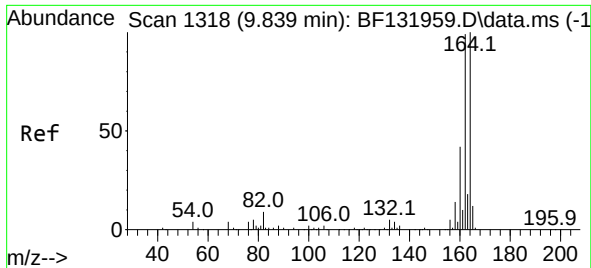
Tgt Ion:142 Resp: 431123
Ion Ratio Lower Upper
142 100
141 89.3 70.6 106.0



#38
1-Methylnaphthalene
Concen: 41.025 ng
RT: 8.892 min Scan# 1157
Delta R.T. -0.006 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

Tgt Ion:142 Resp: 397584
Ion Ratio Lower Upper
142 100
141 91.6 74.3 111.5

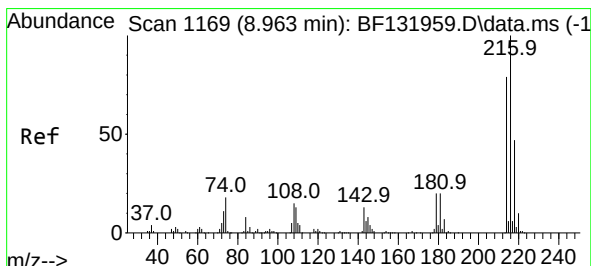
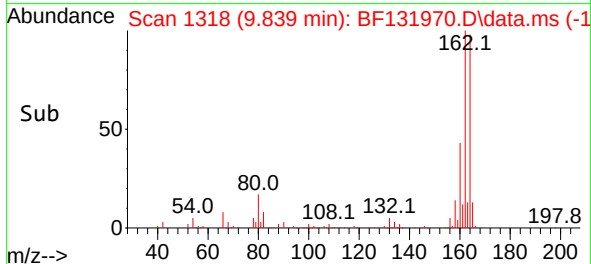
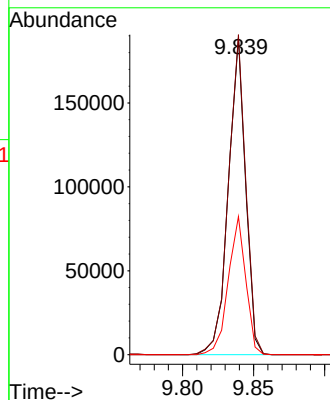
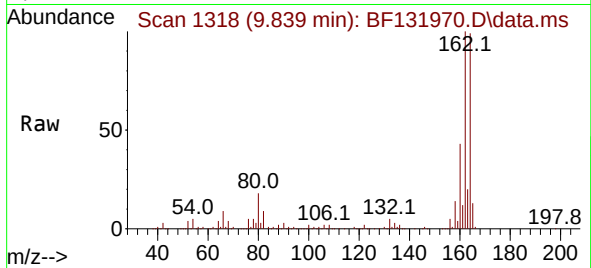




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

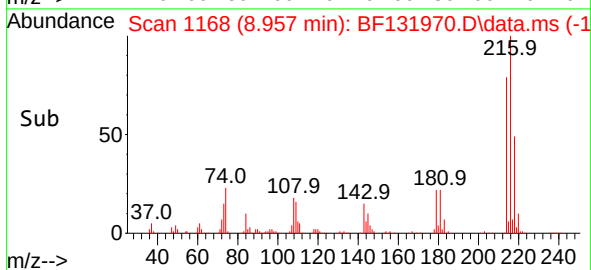
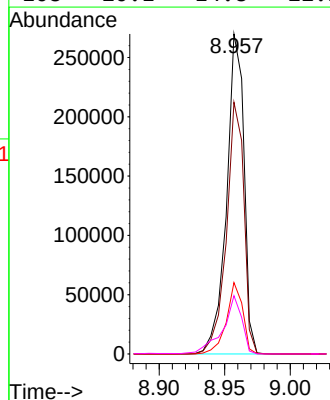
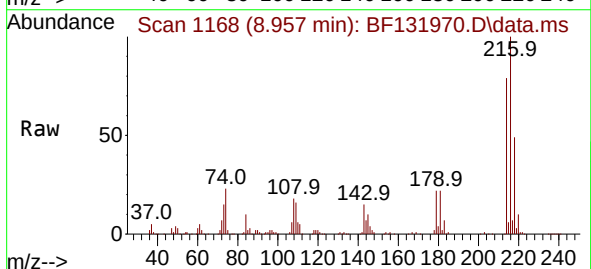
Instrument :
BNA_F
ClientSampleId :
TP-203MSD

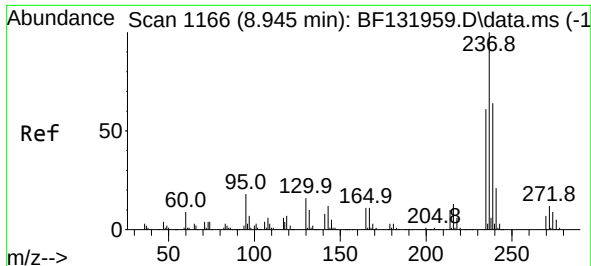
Tgt Ion:164 Resp: 159353
Ion Ratio Lower Upper
164 100
162 101.1 79.4 119.0
160 43.6 33.9 50.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.366 ng
RT: 8.957 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

Tgt Ion:216 Resp: 249125
Ion Ratio Lower Upper
216 100
214 78.6 63.9 95.9
179 20.9 16.4 24.6
108 20.1 14.8 22.2

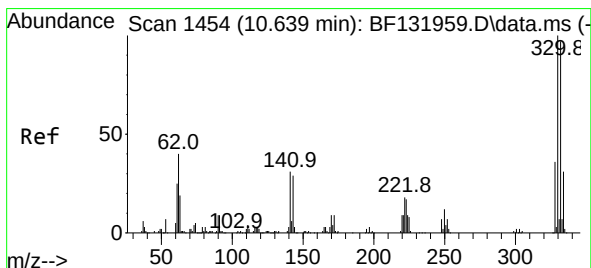
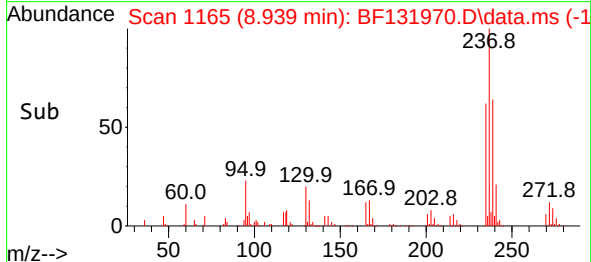
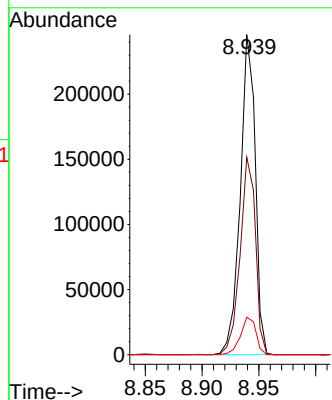
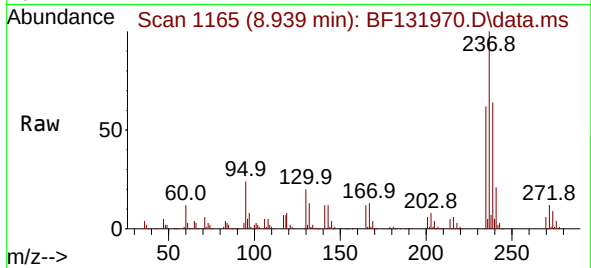




#41
Hexachlorocyclopentadiene
Concen: 80.904 ng
RT: 8.939 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

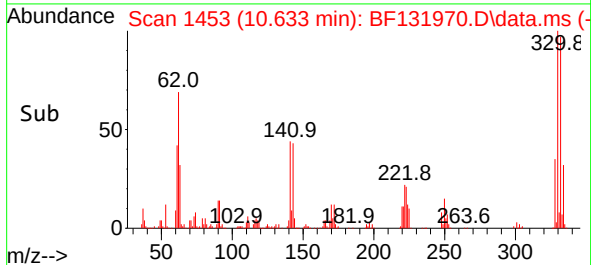
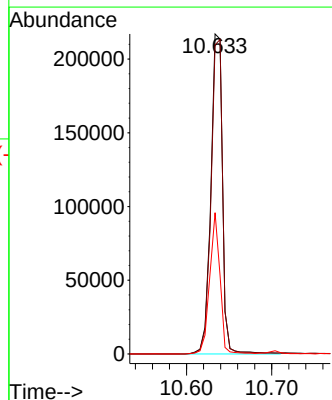
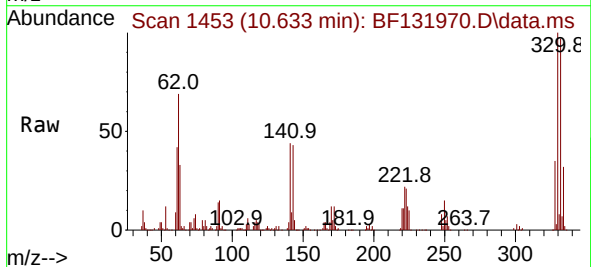
Instrument :
BNA_F
ClientSampleId :
TP-203MSD

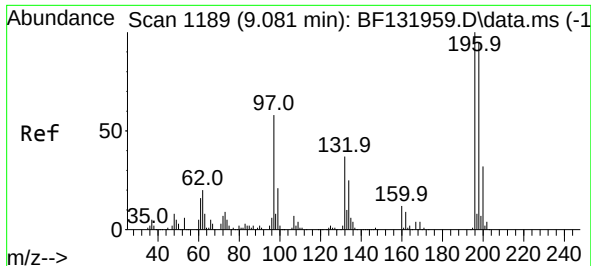
Tgt Ion:237 Resp: 225773
Ion Ratio Lower Upper
237 100
235 61.7 41.2 81.2
272 11.7 0.0 31.7



#42
2,4,6-Tribromophenol
Concen: 112.501 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

Tgt Ion:330 Resp: 206125
Ion Ratio Lower Upper
330 100
332 97.6 76.9 115.3
141 39.0 31.3 46.9

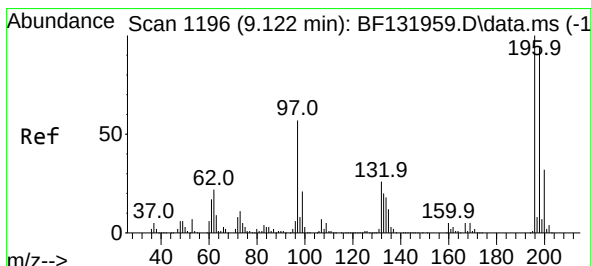
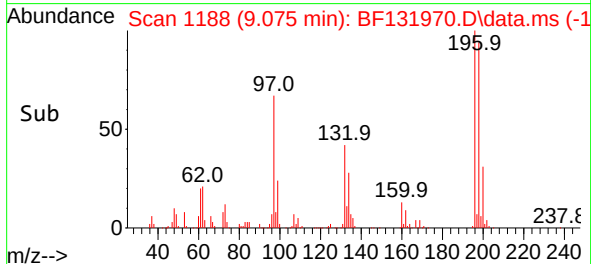
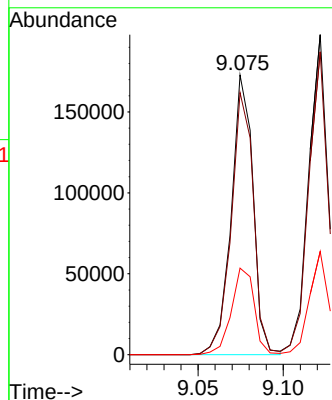
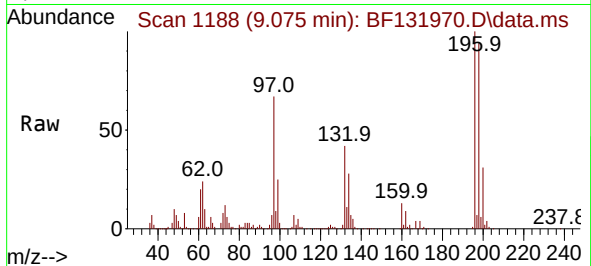




#43
2,4,6-Trichlorophenol
Concen: 45.499 ng
RT: 9.075 min Scan# 1188
Delta R.T. -0.006 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

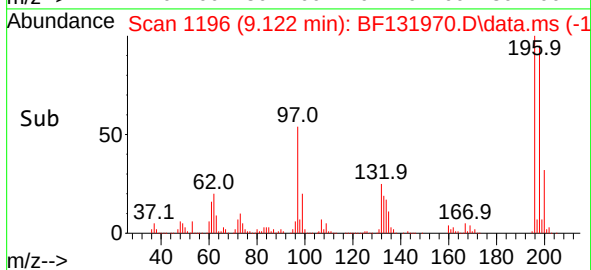
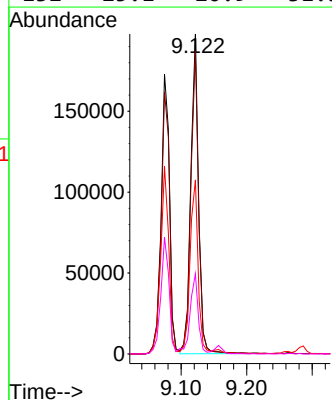
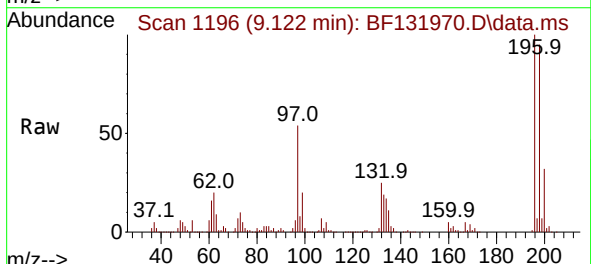
Instrument :
BNA_F
ClientSampleId :
TP-203MSD

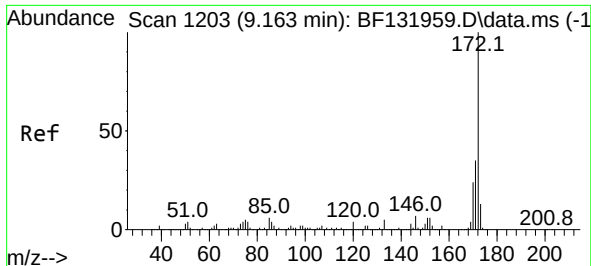
Tgt Ion:196 Resp: 153784
Ion Ratio Lower Upper
196 100
198 93.7 76.3 114.5
200 30.9 25.8 38.6



#44
2,4,5-Trichlorophenol
Concen: 41.433 ng
RT: 9.122 min Scan# 1196
Delta R.T. -0.000 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

Tgt Ion:196 Resp: 163035
Ion Ratio Lower Upper
196 100
198 94.7 75.3 112.9
97 54.4 45.6 68.4
132 25.1 20.9 31.3





#45

2-Fluorobiphenyl

Concen: 72.569 ng

RT: 9.157 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131970.D

Acq: 09 Jan 2023 18:57

Instrument :

BNA_F

ClientSampleId :

TP-203MSD

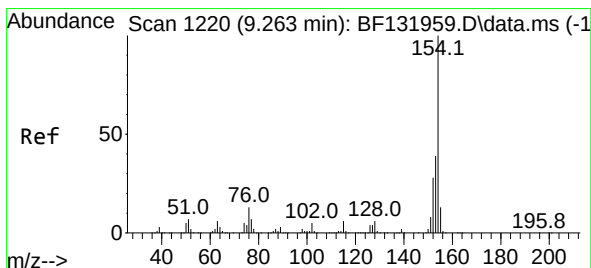
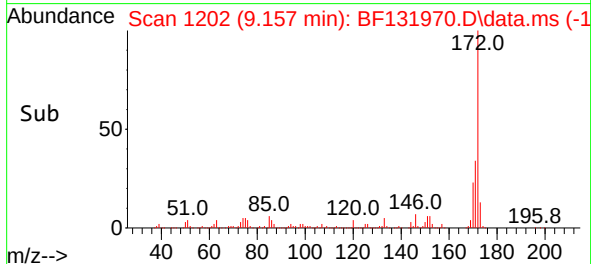
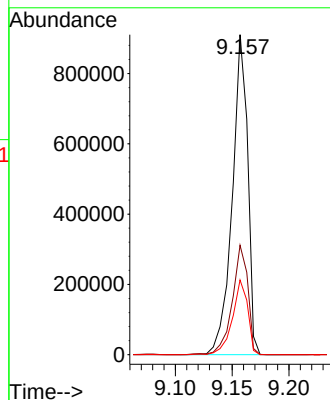
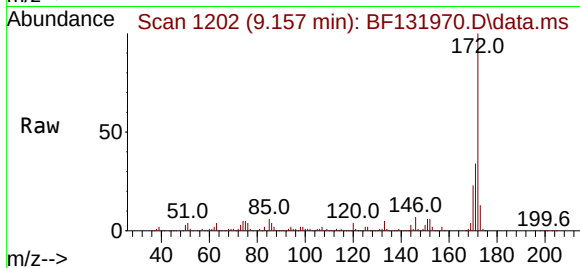
Tgt Ion:172 Resp: 856619

Ion Ratio Lower Upper

172 100

171 34.2 28.0 42.0

170 23.3 18.9 28.3



#46

1,1'-Biphenyl

Concen: 44.420 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.000 min

Lab File: BF131970.D

Acq: 09 Jan 2023 18:57

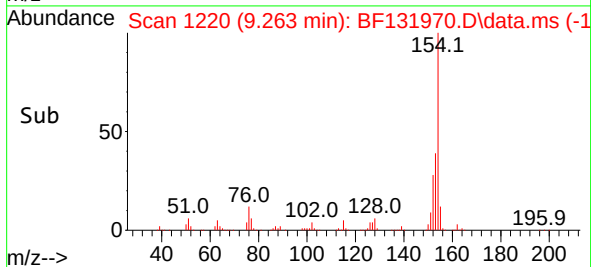
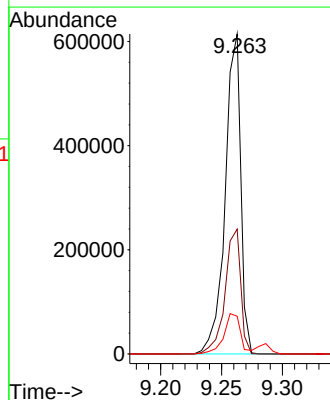
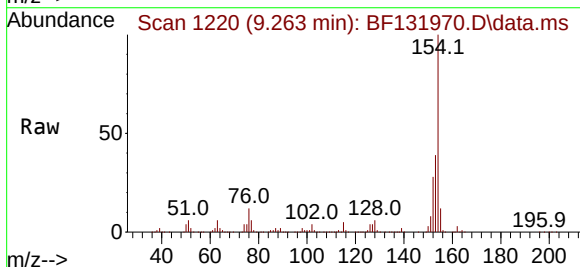
Tgt Ion:154 Resp: 546339

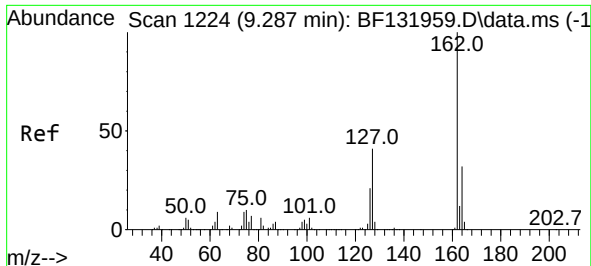
Ion Ratio Lower Upper

154 100

153 39.0 18.9 58.9

76 11.8 0.0 33.2





#47

2-Chloronaphthalene

Concen: 45.435 ng

RT: 9.286 min Scan# 1

Delta R.T. -0.001 min

Lab File: BF131970.D

Acq: 09 Jan 2023 18:57

Instrument :

BNA_F

ClientSampleId :

TP-203MSD

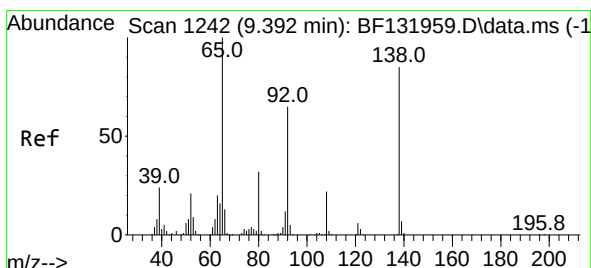
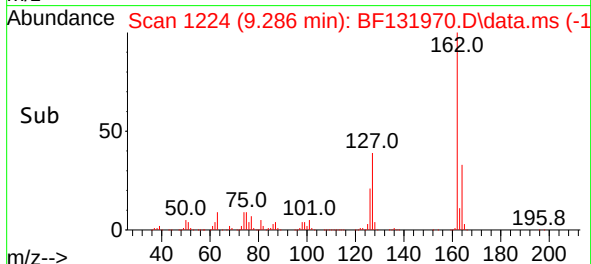
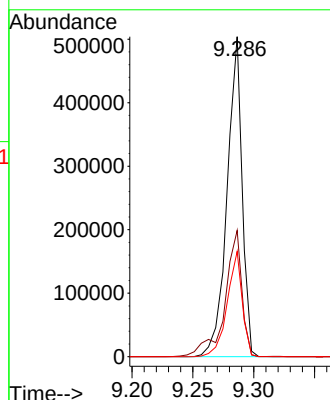
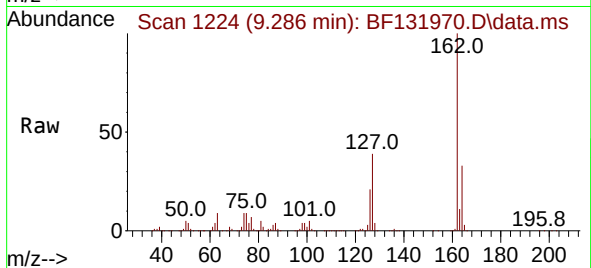
Tgt Ion:162 Resp: 433729

Ion Ratio Lower Upper

162 100

127 39.5 33.0 49.4

164 32.9 25.8 38.8



#48

2-Nitroaniline

Concen: 44.342 ng

RT: 9.392 min Scan# 1242

Delta R.T. -0.000 min

Lab File: BF131970.D

Acq: 09 Jan 2023 18:57

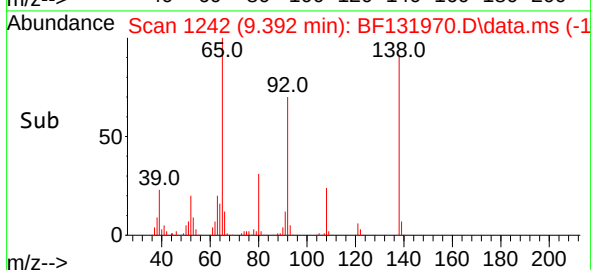
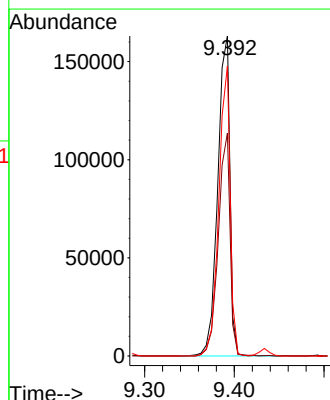
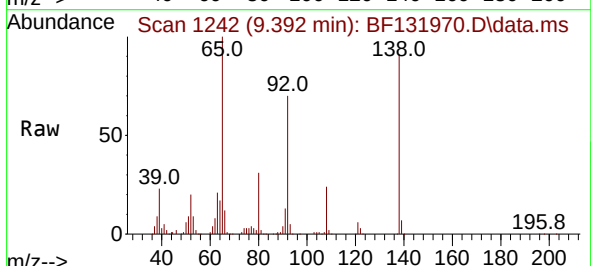
Tgt Ion: 65 Resp: 153747

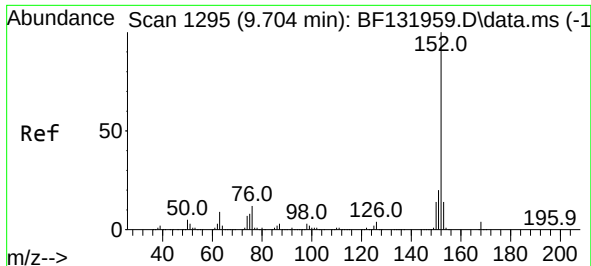
Ion Ratio Lower Upper

65 100

92 69.6 52.2 78.2

138 90.6 67.8 101.8

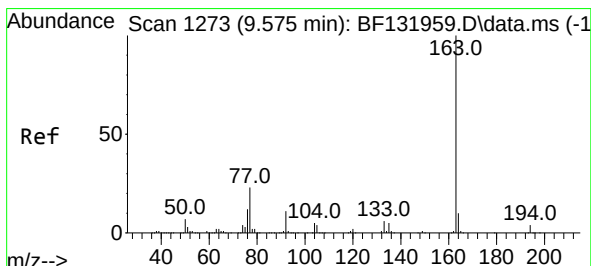
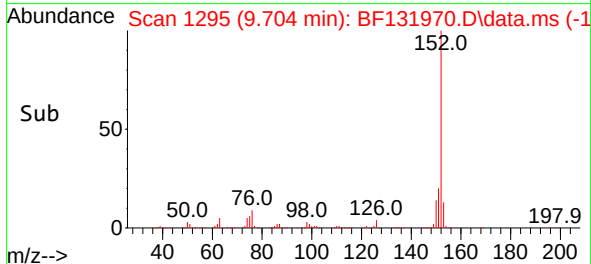
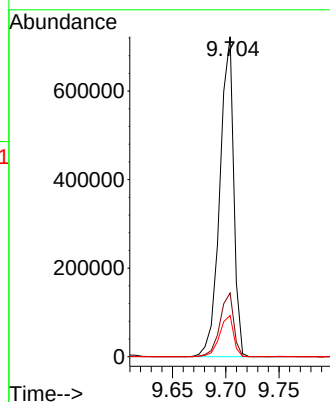
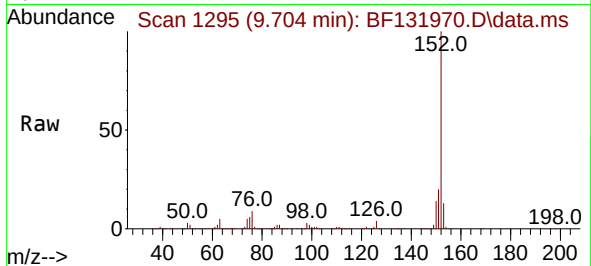




#49
Acenaphthylene
Concen: 44.025 ng
RT: 9.704 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

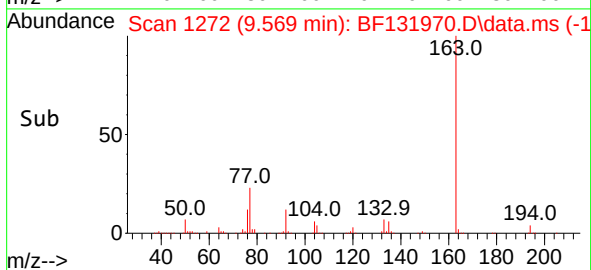
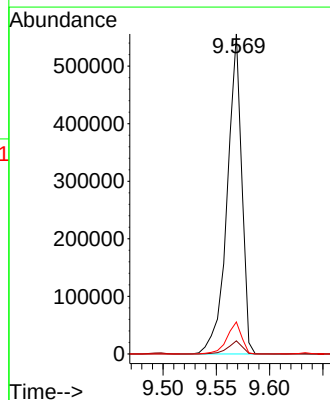
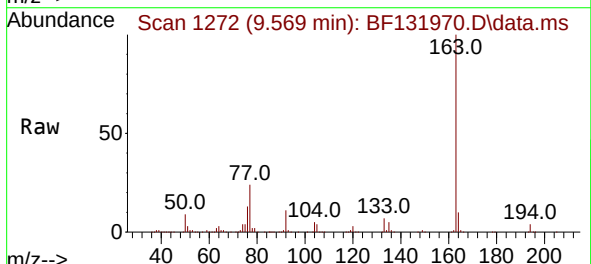
Instrument :
BNA_F
ClientSampleId :
TP-203MSD

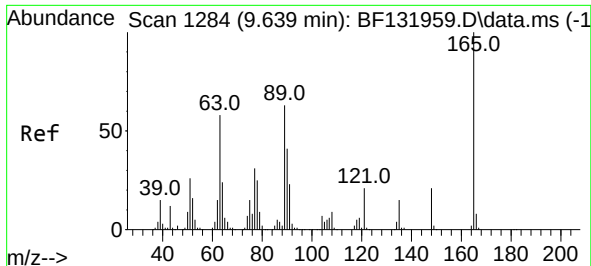
Tgt Ion:152 Resp: 652172
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.2
153 12.9 10.8 16.2



#50
Dimethylphthalate
Concen: 42.447 ng
RT: 9.569 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

Tgt Ion:163 Resp: 527250
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.0 7.8 11.6

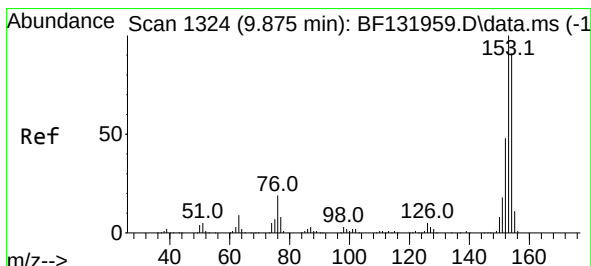
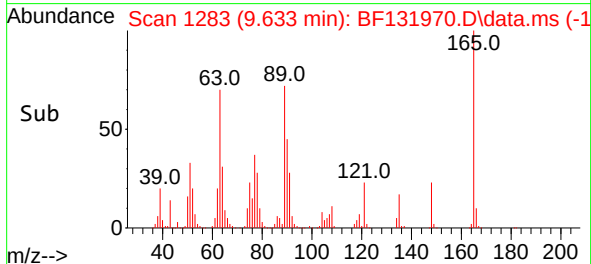
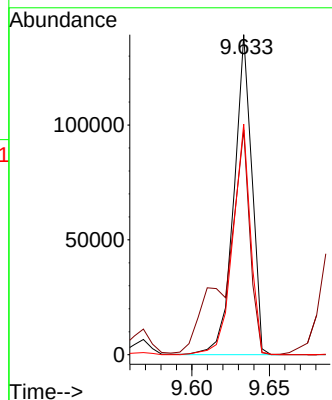
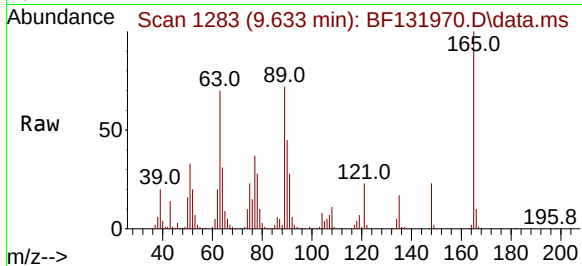




#51
2,6-Dinitrotoluene
Concen: 42.906 ng
RT: 9.633 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

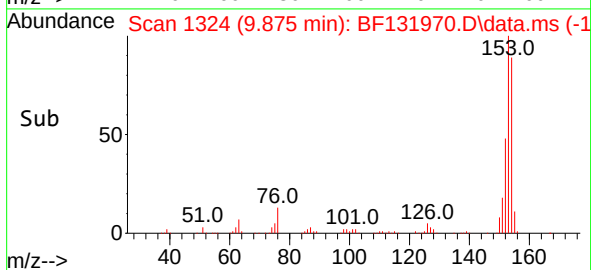
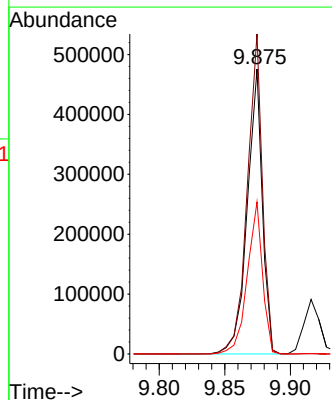
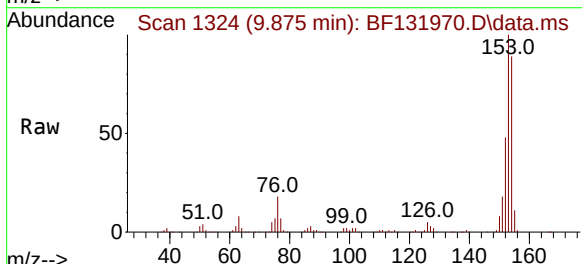
Instrument :
BNA_F
ClientSampleId :
TP-203MSD

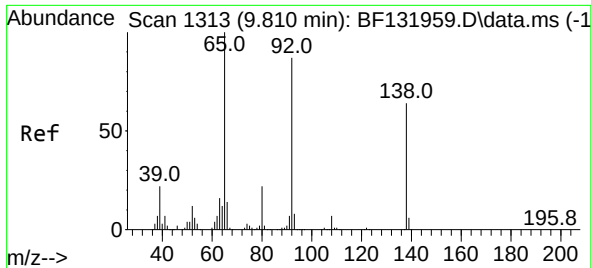
Tgt Ion:165 Resp: 112092
Ion Ratio Lower Upper
165 100
63 70.3 47.4 71.0
89 72.1 50.2 75.2



#52
Acenaphthene
Concen: 43.003 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

Tgt Ion:154 Resp: 382390
Ion Ratio Lower Upper
154 100
153 112.3 87.7 131.5
152 53.4 42.2 63.2

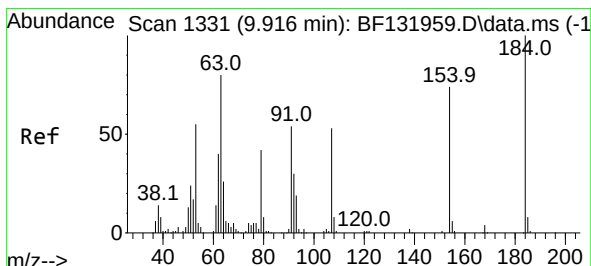
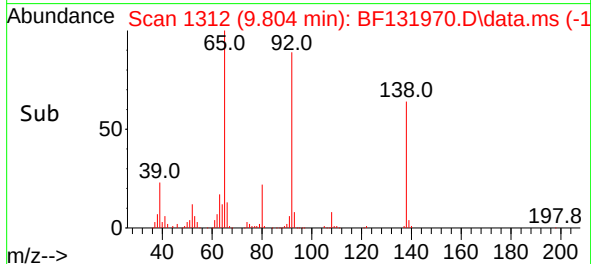
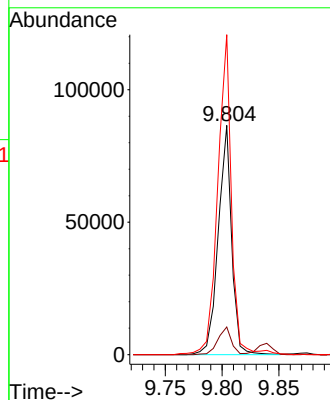
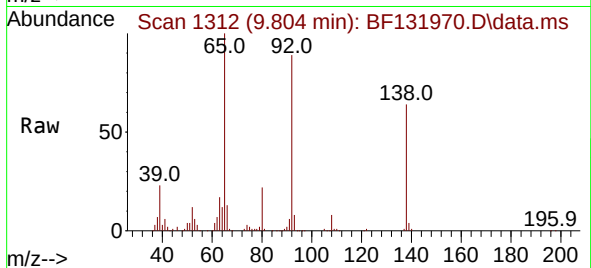




#53
3-Nitroaniline
Concen: 28.084 ng
RT: 9.804 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

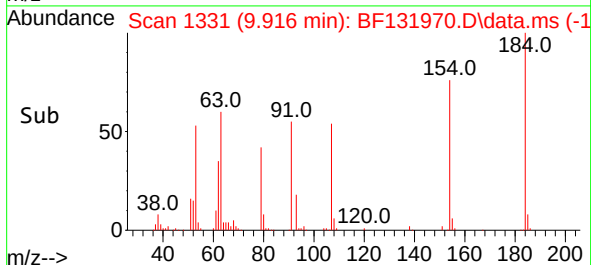
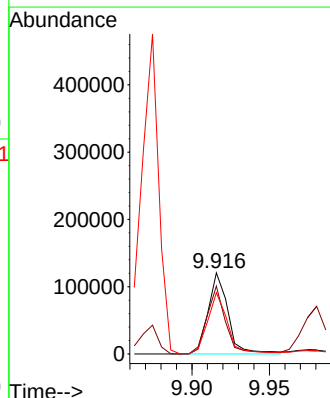
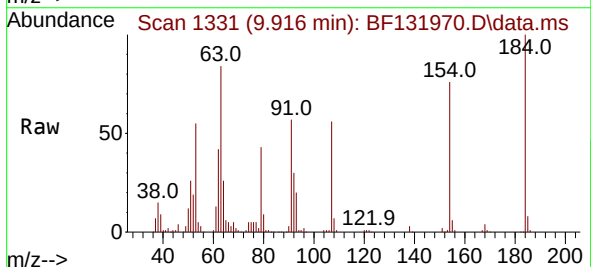
Instrument :
BNA_F
ClientSampleId :
TP-203MSD

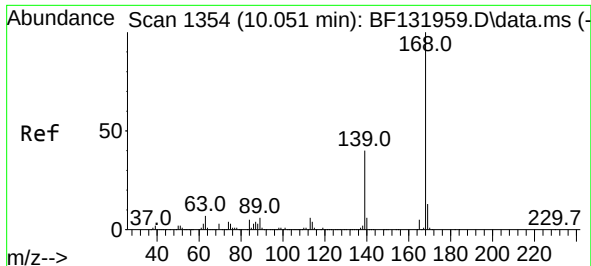
Tgt Ion:138 Resp: 71182
Ion Ratio Lower Upper
138 100
108 12.1 8.8 13.2
92 139.6 108.1 162.1



#54
2,4-Dinitrophenol
Concen: 82.189 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

Tgt Ion:184 Resp: 107809
Ion Ratio Lower Upper
184 100
63 83.6 63.7 95.5
154 75.6 60.1 90.1

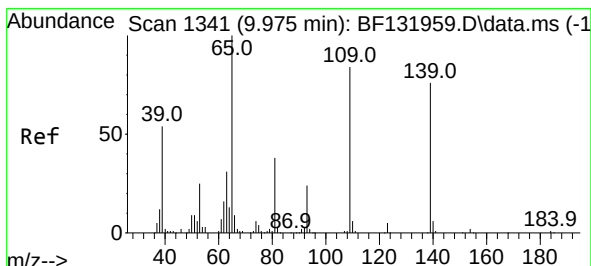
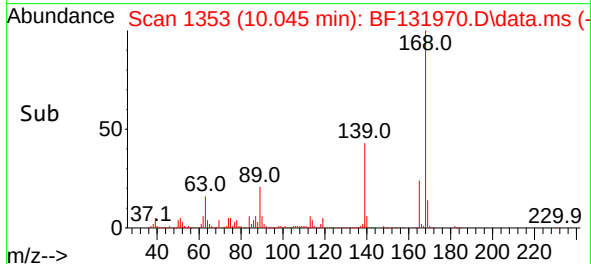
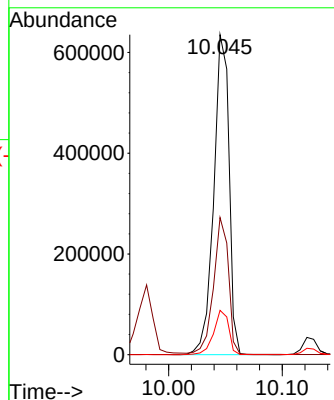
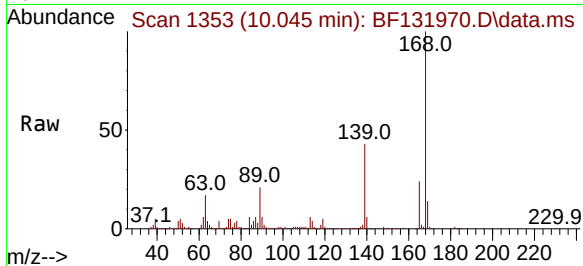




#55
Dibenzenofuran
Concen: 42.424 ng
RT: 10.045 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

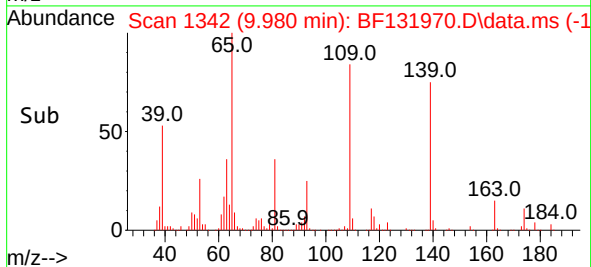
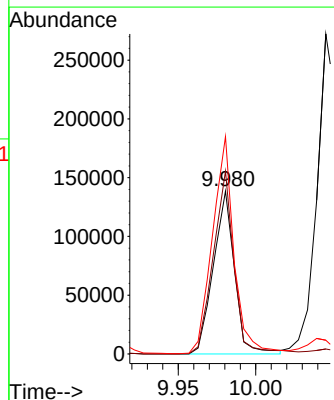
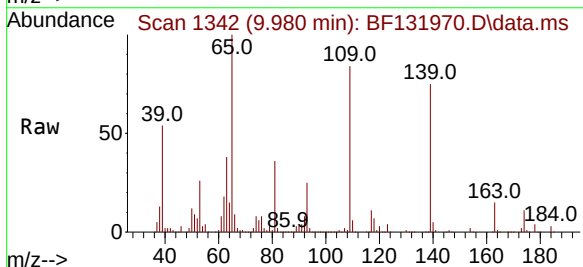
Instrument :
BNA_F
ClientSampleId :
TP-203MSD

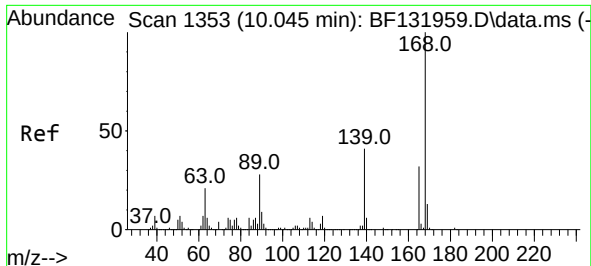
Tgt Ion:168 Resp: 594638
Ion Ratio Lower Upper
168 100
139 42.8 32.4 48.6
169 13.8 10.7 16.1



#56
4-Nitrophenol
Concen: 92.359 ng
RT: 9.980 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

Tgt Ion:139 Resp: 131856
Ion Ratio Lower Upper
139 100
109 112.3 90.5 130.5
65 133.4 112.6 152.6

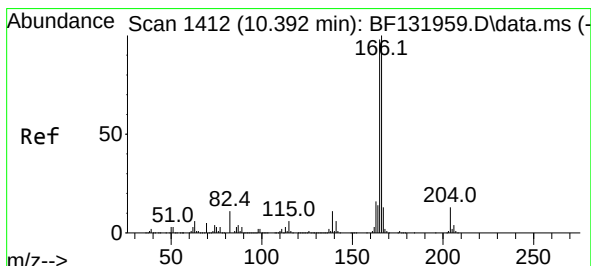
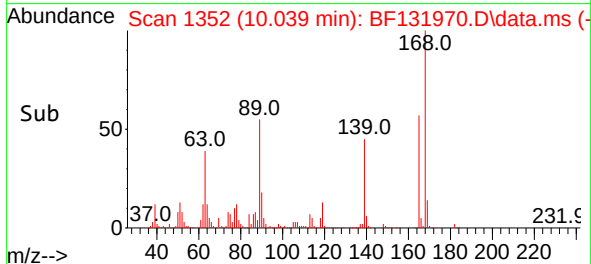
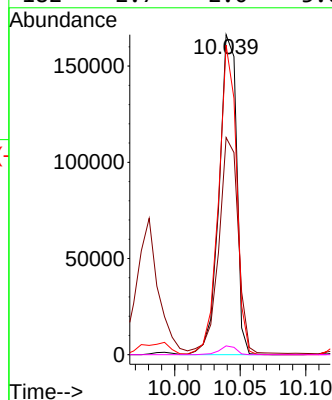
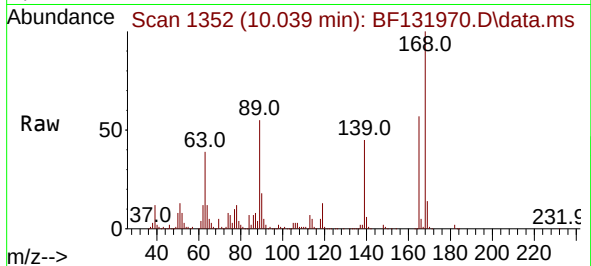




#57
2,4-Dinitrotoluene
Concen: 44.198 ng
RT: 10.039 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

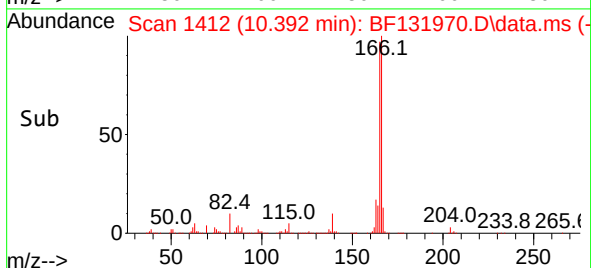
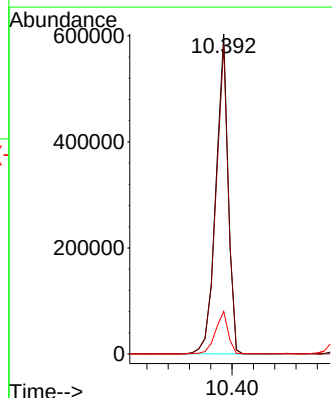
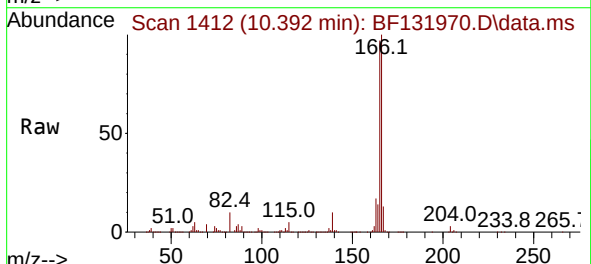
Instrument :
BNA_F
ClientSampleId :
TP-203MSD

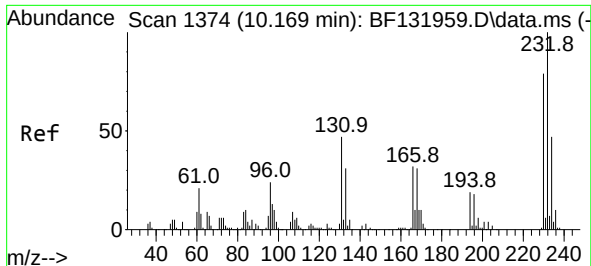
Tgt Ion:165 Resp: 154377
Ion Ratio Lower Upper
165 100
63 67.9 53.2 79.8
89 96.7 71.2 106.8
182 2.7 2.0 3.0



#58
Fluorene
Concen: 42.956 ng
RT: 10.392 min Scan# 1412
Delta R.T. -0.000 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

Tgt Ion:166 Resp: 480976
Ion Ratio Lower Upper
166 100
165 96.6 78.3 117.5
167 13.3 10.7 16.1

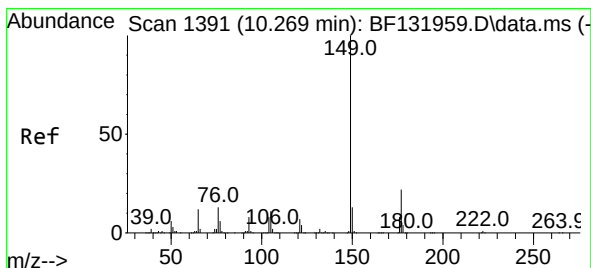
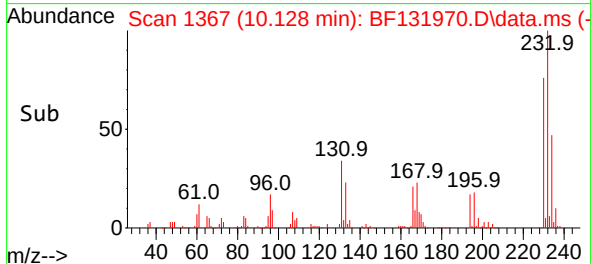
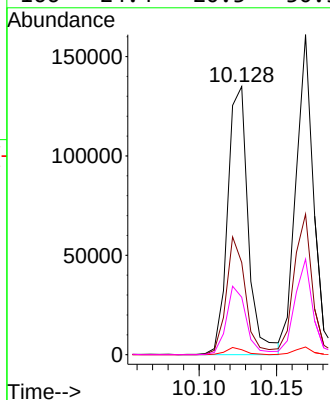
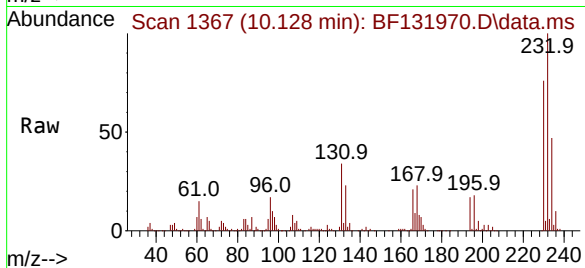




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.653 ng
RT: 10.128 min Scan# 1367
Delta R.T. -0.041 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

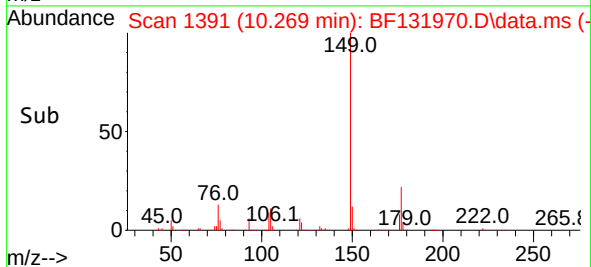
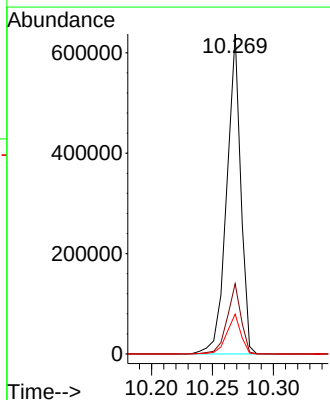
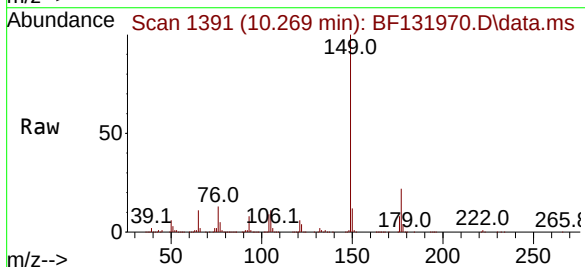
Instrument :
BNA_F
ClientSampleId :
TP-203MSD

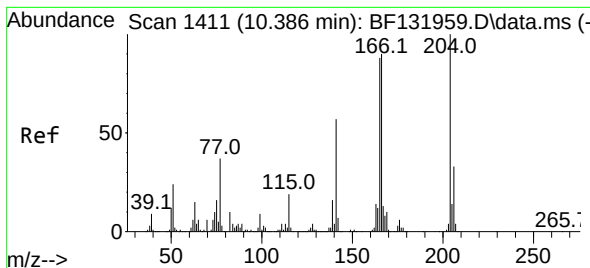
Tgt Ion:232 Resp: 125058
Ion Ratio Lower Upper
232 100
131 40.8 33.0 49.4
130 2.4 1.8 2.8
166 24.4 20.3 30.5



#60
Diethylphthalate
Concen: 41.900 ng
RT: 10.269 min Scan# 1391
Delta R.T. -0.000 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

Tgt Ion:149 Resp: 511769
Ion Ratio Lower Upper
149 100
177 22.0 17.7 26.5
150 12.4 10.2 15.2

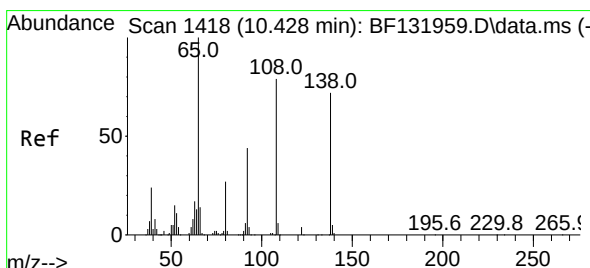
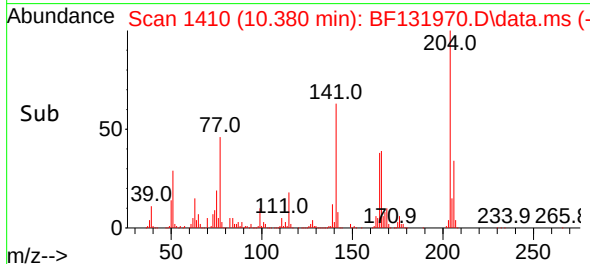
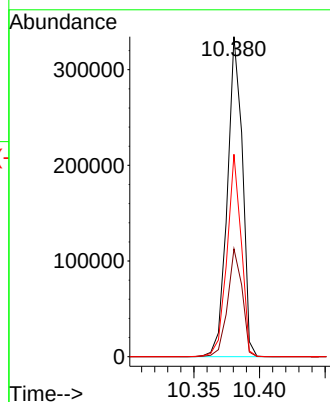
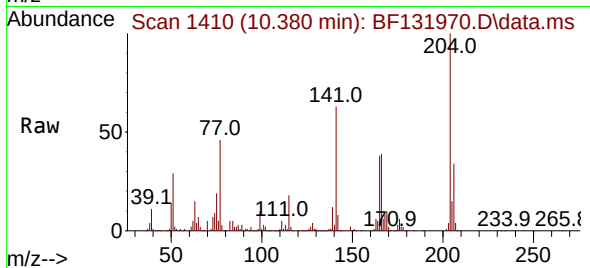




#61
4-Chlorophenyl-phenylether
Concen: 41.625 ng
RT: 10.380 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

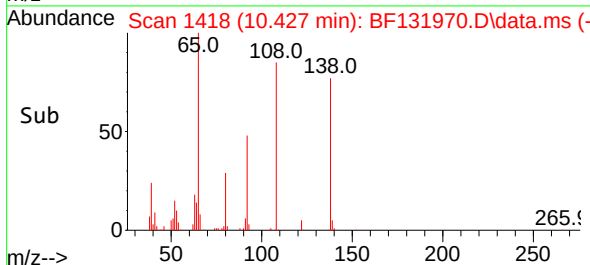
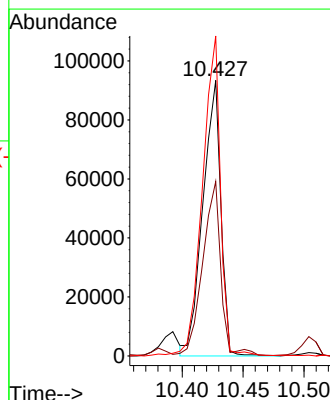
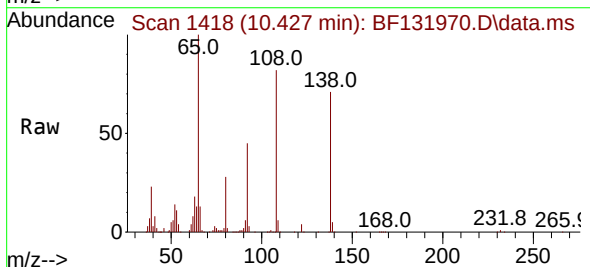
Instrument :
BNA_F
ClientSampleId :
TP-203MSD

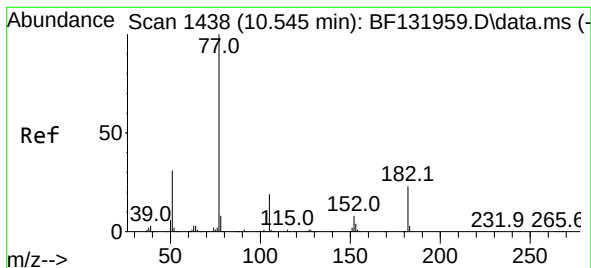
Tgt Ion:204 Resp: 266808
Ion Ratio Lower Upper
204 100
206 33.7 26.3 39.5
141 63.3 45.6 68.4



#62
4-Nitroaniline
Concen: 42.126 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.001 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

Tgt Ion:138 Resp: 96008
Ion Ratio Lower Upper
138 100
92 63.3 41.3 81.3
108 116.2 89.8 129.8





#63

Azobenzene

Concen: 43.833 ng

RT: 10.545 min Scan# 1438

Delta R.T. -0.000 min

Lab File: BF131970.D

Acq: 09 Jan 2023 18:57

Instrument :

BNA_F

ClientSampleId :

TP-203MSD

Tgt Ion: 77 Resp: 567928

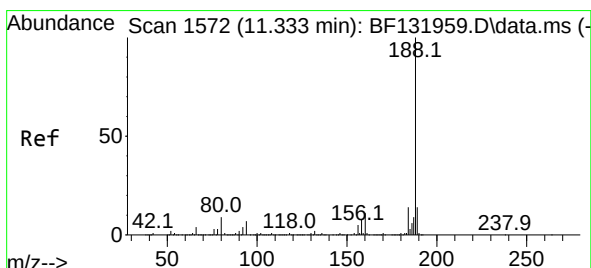
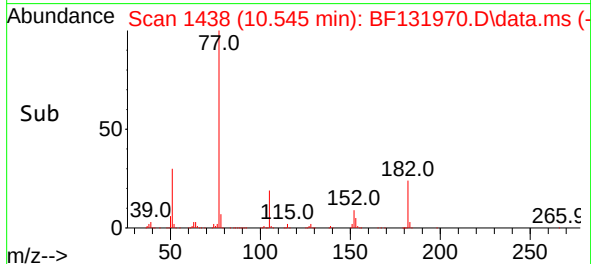
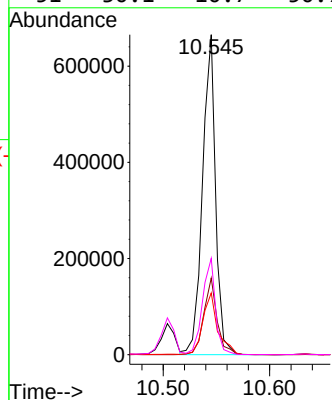
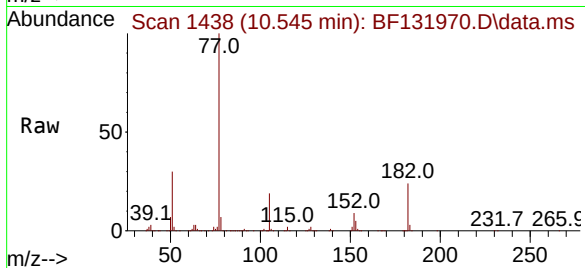
Ion Ratio Lower Upper

77 100

182 24.0 2.9 42.9

105 19.3 0.0 39.3

51 30.1 10.7 50.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.333 min Scan# 1572

Delta R.T. -0.000 min

Lab File: BF131970.D

Acq: 09 Jan 2023 18:57

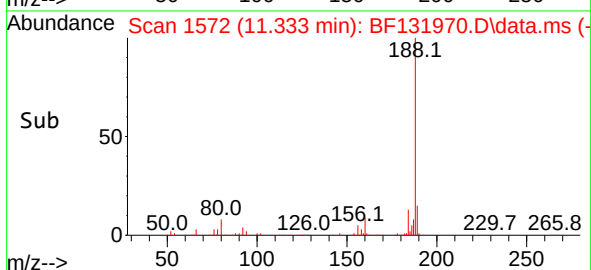
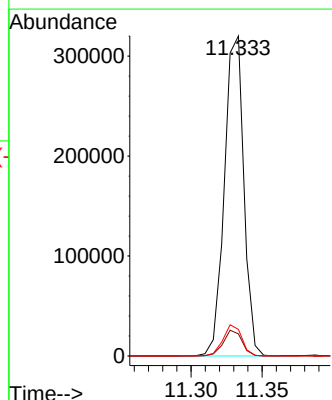
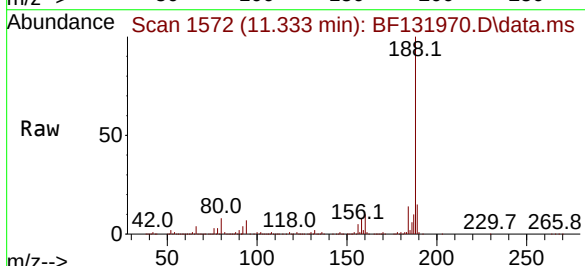
Tgt Ion: 188 Resp: 304661

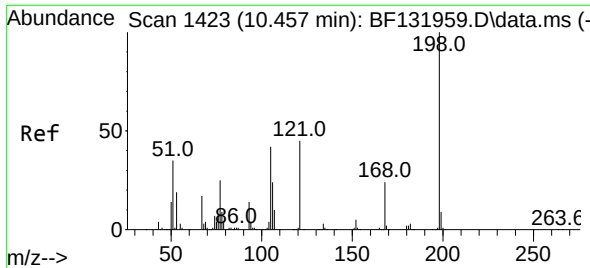
Ion Ratio Lower Upper

188 100

94 6.9 5.8 8.6

80 8.3 7.4 11.0

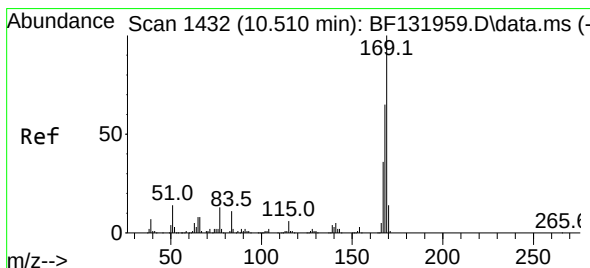
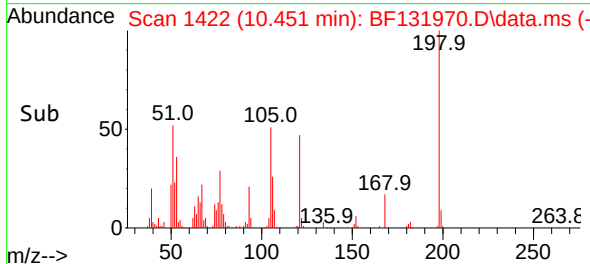
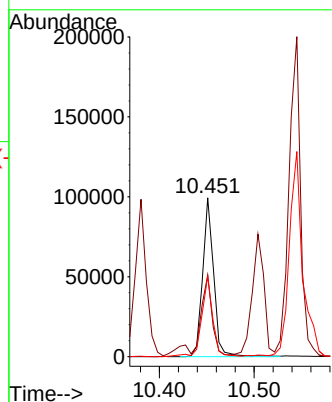
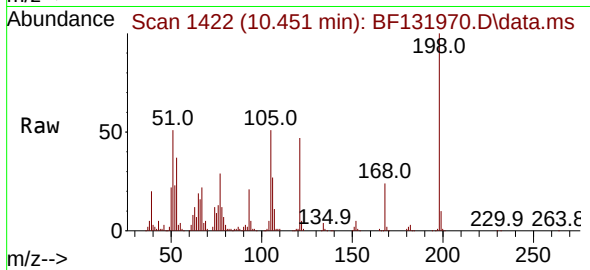




#65
4,6-Dinitro-2-methylphenol
Concen: 40.901 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

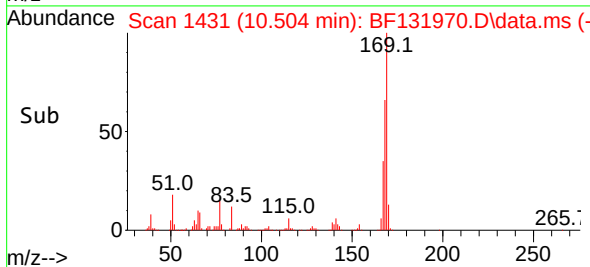
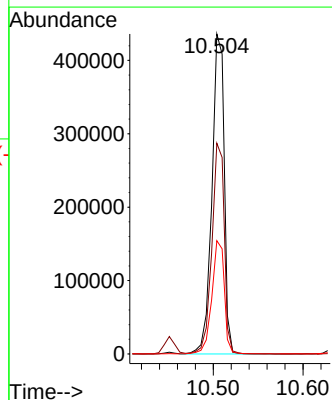
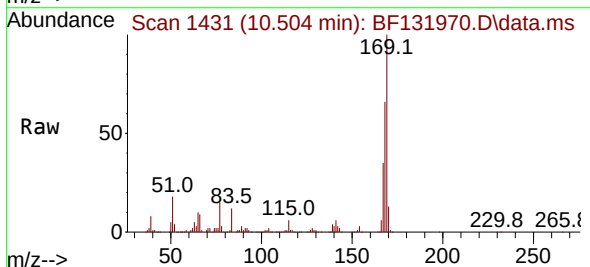
Instrument :
BNA_F
ClientSampleId :
TP-203MSD

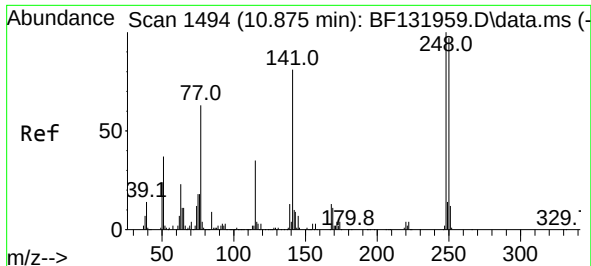
Tgt Ion:198 Resp: 80359
Ion Ratio Lower Upper
198 100
51 51.4 21.4 61.4
105 50.6 23.0 63.0



#66
n-Nitrosodiphenylamine
Concen: 43.433 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

Tgt Ion:169 Resp: 415143
Ion Ratio Lower Upper
169 100
168 65.9 52.5 78.7
167 35.4 28.6 43.0

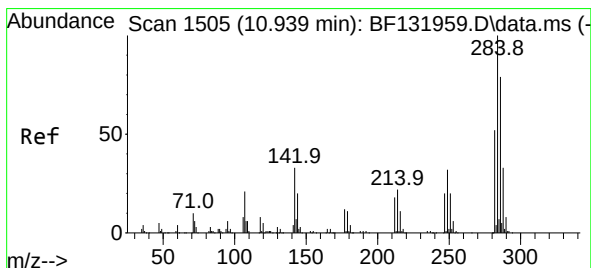
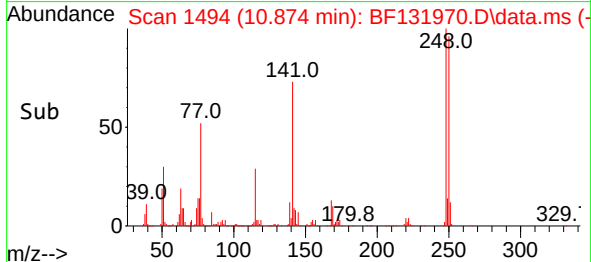
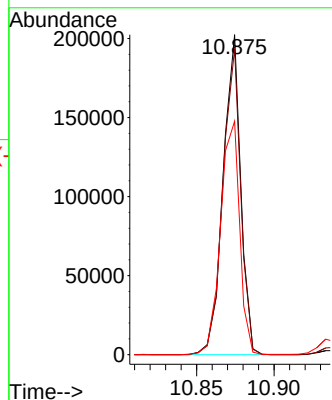
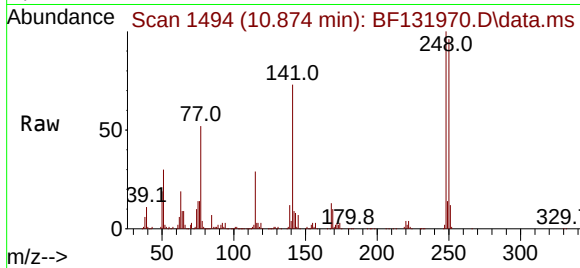




#67
4-Bromophenyl-phenylether
Concen: 42.142 ng
RT: 10.874 min Scan# 1494
Delta R.T. -0.000 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

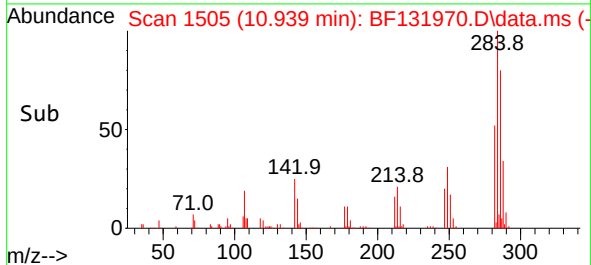
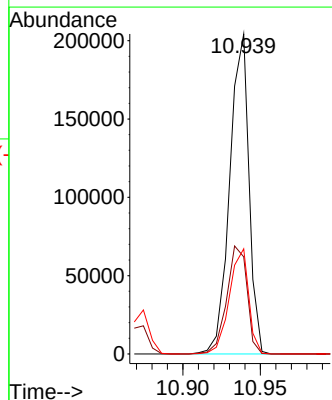
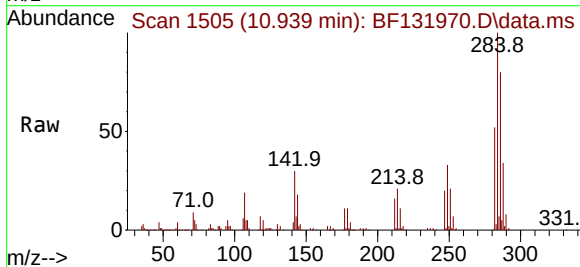
Instrument :
BNA_F
ClientSampleId :
TP-203MSD

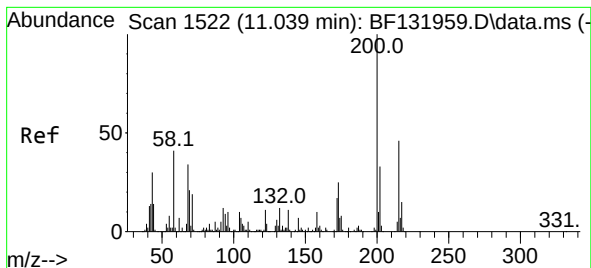
Tgt Ion:248 Resp: 160612
Ion Ratio Lower Upper
248 100
250 95.7 77.4 116.2
141 72.9 65.0 97.6



#68
Hexachlorobenzene
Concen: 45.734 ng
RT: 10.939 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

Tgt Ion:284 Resp: 176325
Ion Ratio Lower Upper
284 100
142 30.3 26.4 39.6
249 32.8 25.4 38.2





#69

Atrazine

Concen: 44.298 ng

RT: 11.039 min Scan# 1522

Delta R.T. 0.000 min

Lab File: BF131970.D

Acq: 09 Jan 2023 18:57

Instrument :

BNA_F

ClientSampleId :

TP-203MSD

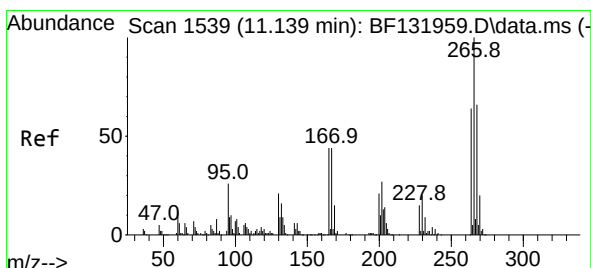
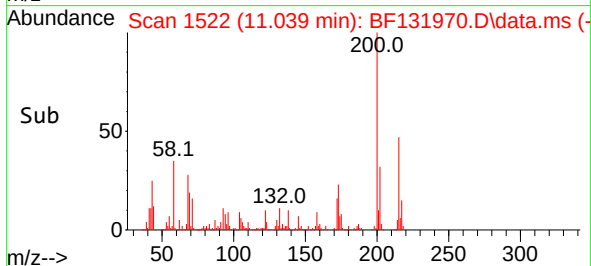
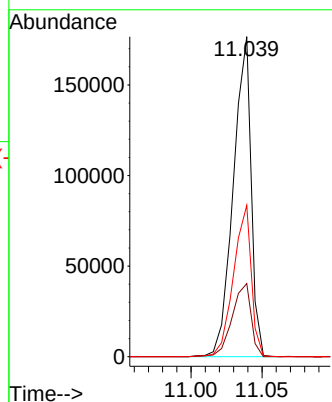
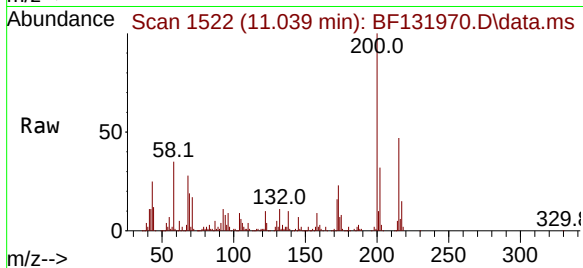
Tgt Ion:200 Resp: 153973

Ion Ratio Lower Upper

200 100

173 22.8 5.1 45.1

215 47.3 25.6 65.6



#70

Pentachlorophenol

Concen: 72.904 ng

RT: 11.139 min Scan# 1539

Delta R.T. 0.000 min

Lab File: BF131970.D

Acq: 09 Jan 2023 18:57

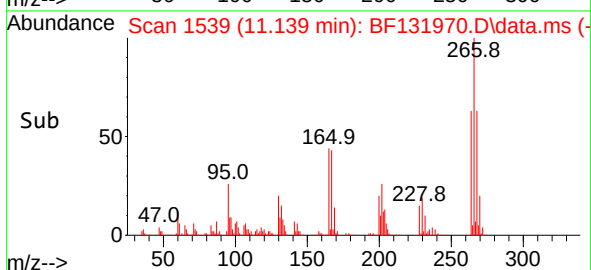
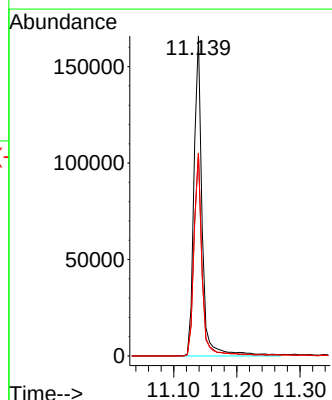
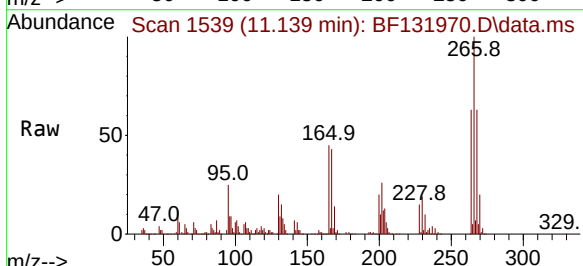
Tgt Ion:266 Resp: 149049

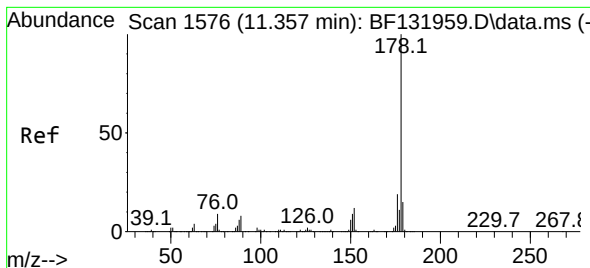
Ion Ratio Lower Upper

266 100

268 63.4 52.7 79.1

264 63.4 51.6 77.4





#71

Phenanthrene

Concen: 43.778 ng

RT: 11.357 min Scan# 1576

Delta R.T. -0.000 min

Lab File: BF131970.D

Acq: 09 Jan 2023 18:57

Instrument :

BNA_F

ClientSampleId :

TP-203MSD

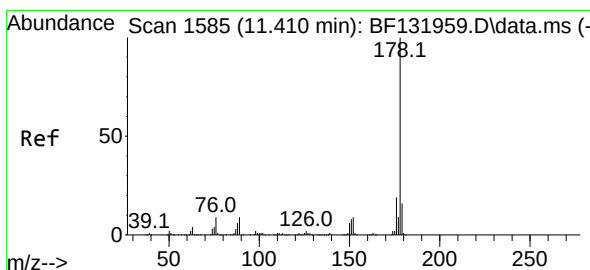
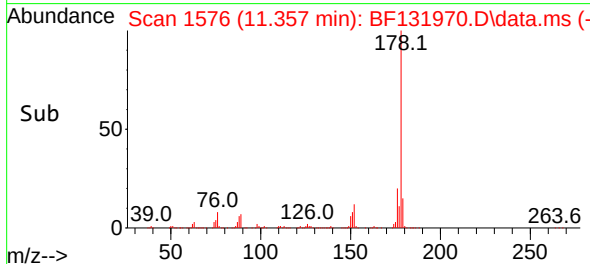
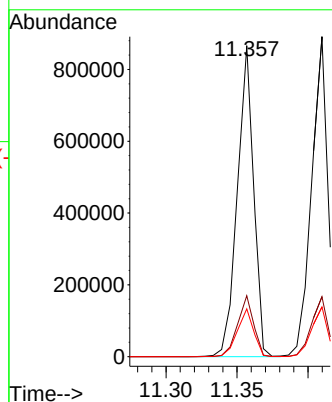
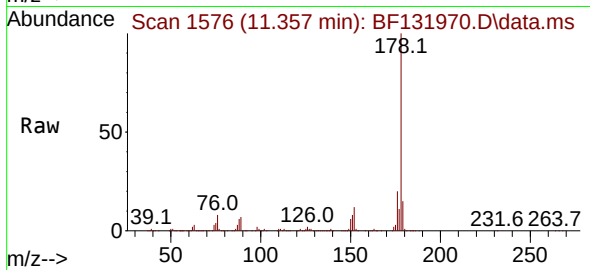
Tgt Ion:178 Resp: 695279

Ion Ratio Lower Upper

178 100

176 19.6 15.5 23.3

179 15.4 12.4 18.6



#72

Anthracene

Concen: 43.585 ng

RT: 11.410 min Scan# 1585

Delta R.T. -0.000 min

Lab File: BF131970.D

Acq: 09 Jan 2023 18:57

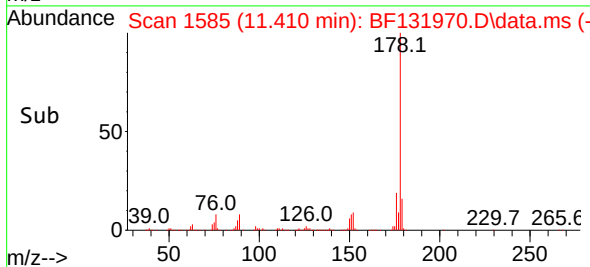
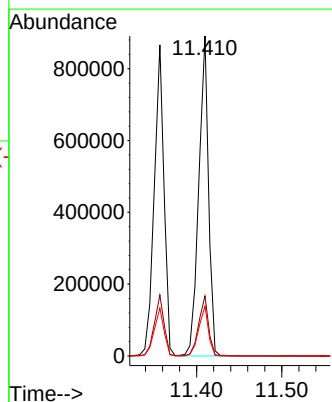
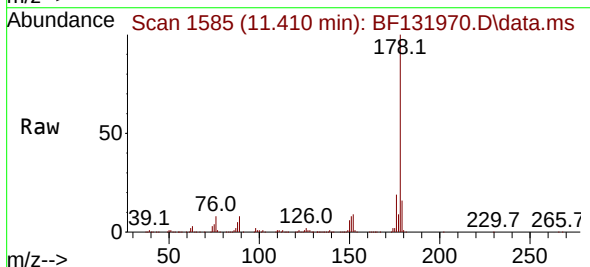
Tgt Ion:178 Resp: 712609

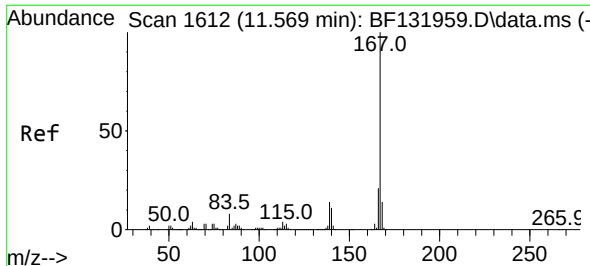
Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

179 15.6 12.6 19.0

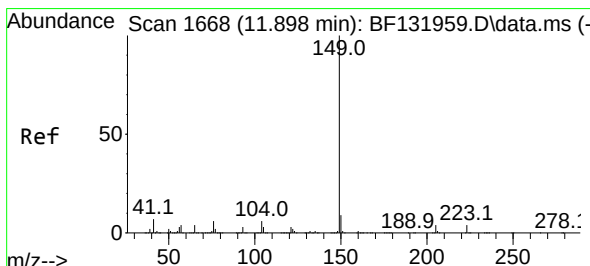
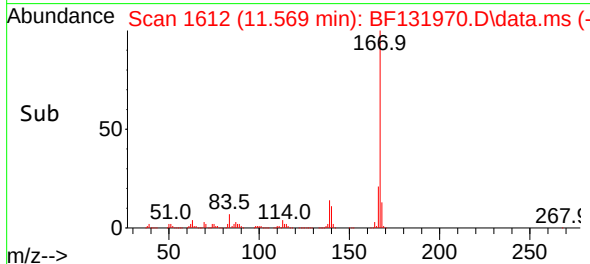
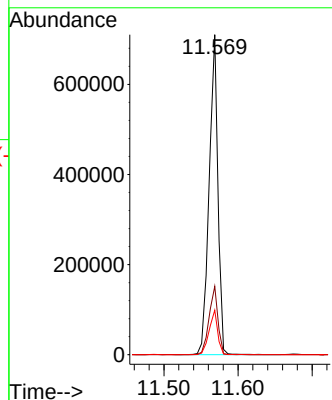
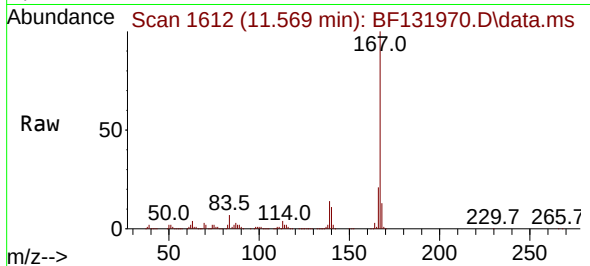




#73
 Carbazole
 Concen: 43.280 ng
 RT: 11.569 min Scan# 1612
 Delta R.T. -0.000 min
 Lab File: BF131970.D
 Acq: 09 Jan 2023 18:57

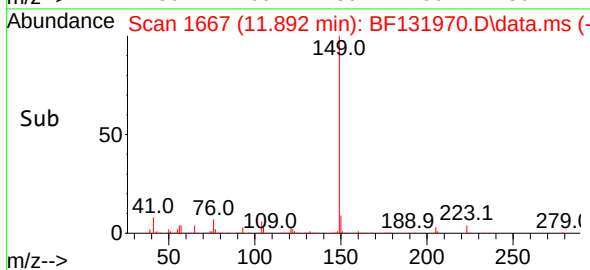
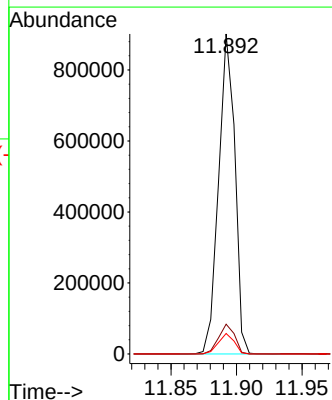
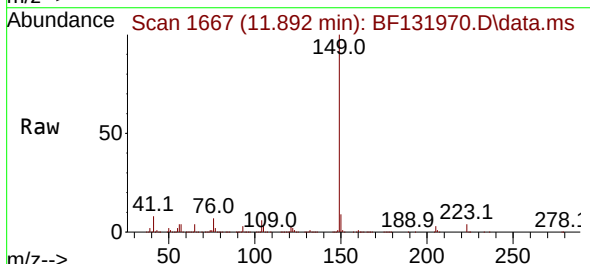
Instrument :
 BNA_F
 ClientSampleId :
 TP-203MSD

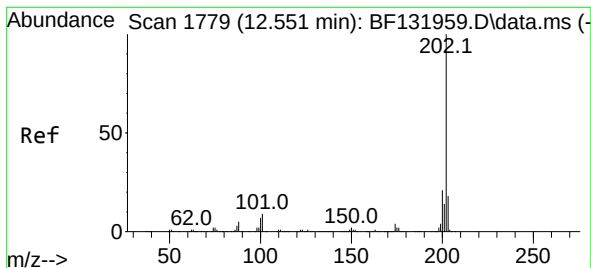
Tgt Ion:167 Resp: 585834
 Ion Ratio Lower Upper
 167 100
 166 21.3 16.8 25.2
 139 13.9 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 41.177 ng
 RT: 11.892 min Scan# 1667
 Delta R.T. -0.006 min
 Lab File: BF131970.D
 Acq: 09 Jan 2023 18:57

Tgt Ion:149 Resp: 776103
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.3 10.9
 104 6.4 5.0 7.6





#75

Fluoranthene

Concen: 40.974 ng

RT: 12.545 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131970.D

Acq: 09 Jan 2023 18:57

Instrument :

BNA_F

ClientSampleId :

TP-203MSD

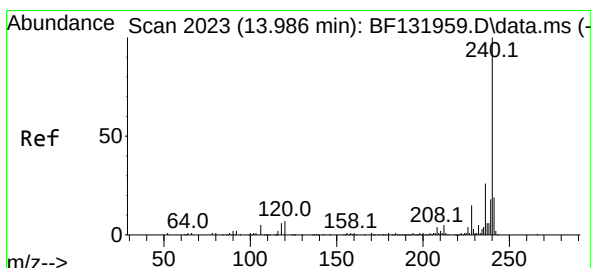
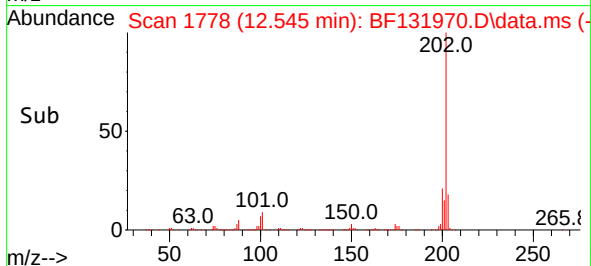
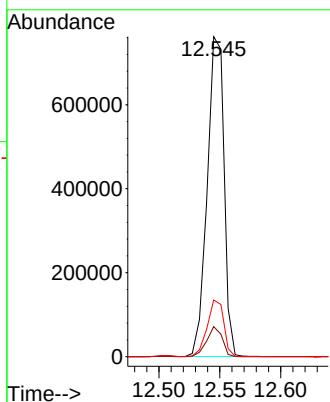
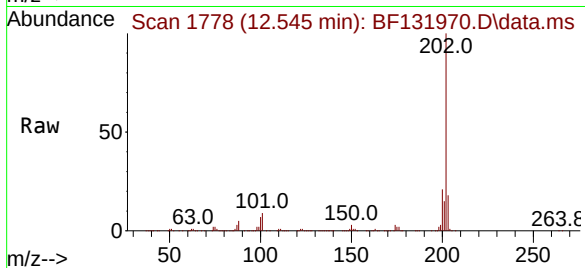
Tgt Ion:202 Resp: 731874

Ion Ratio Lower Upper

202 100

101 9.4 0.0 28.8

203 17.7 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF131970.D

Acq: 09 Jan 2023 18:57

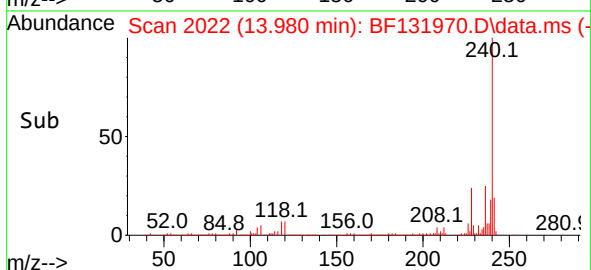
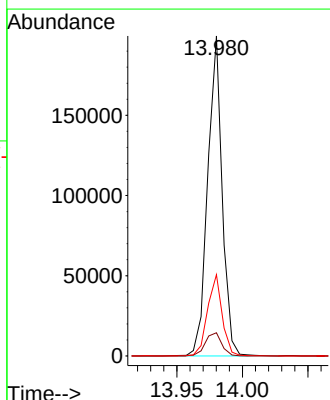
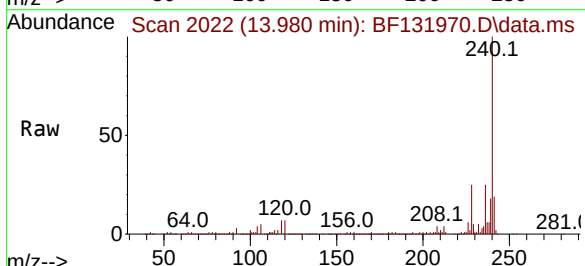
Tgt Ion:240 Resp: 153407

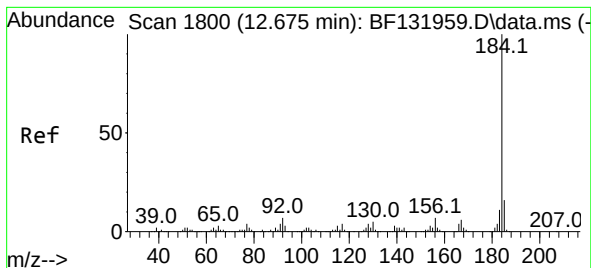
Ion Ratio Lower Upper

240 100

120 7.3 5.4 8.0

236 25.4 21.1 31.7





#77

Benzidine

Concen: 49.206 ng

RT: 12.674 min Scan# 1800

Delta R.T. -0.001 min

Lab File: BF131970.D

Acq: 09 Jan 2023 18:57

Instrument :

BNA_F

ClientSampleId :

TP-203MSD

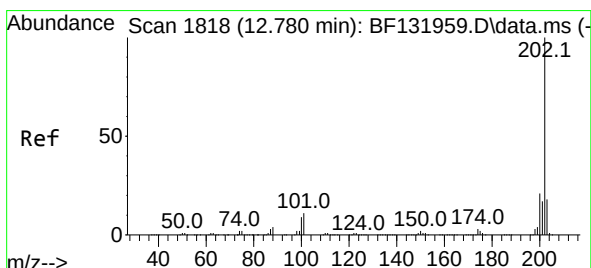
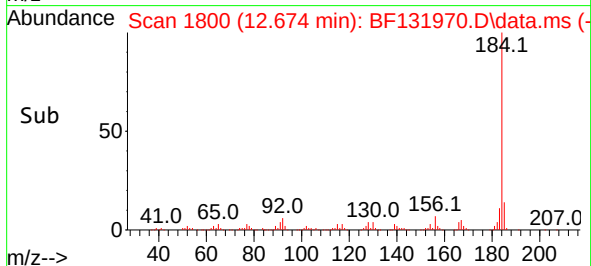
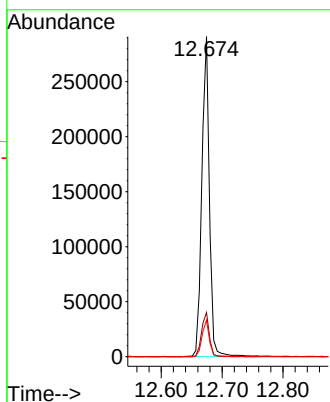
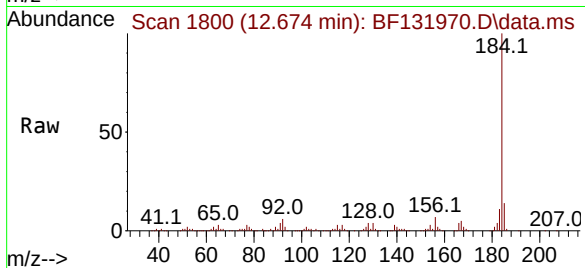
Tgt Ion:184 Resp: 250779

Ion Ratio Lower Upper

184 100

185 13.8 12.8 19.2

183 11.4 9.0 13.4



#78

Pyrene

Concen: 52.277 ng

RT: 12.780 min Scan# 1818

Delta R.T. -0.000 min

Lab File: BF131970.D

Acq: 09 Jan 2023 18:57

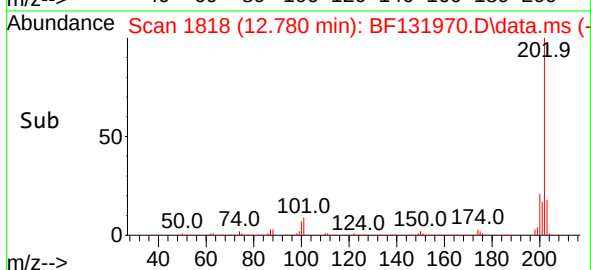
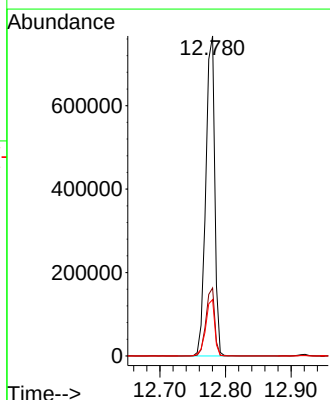
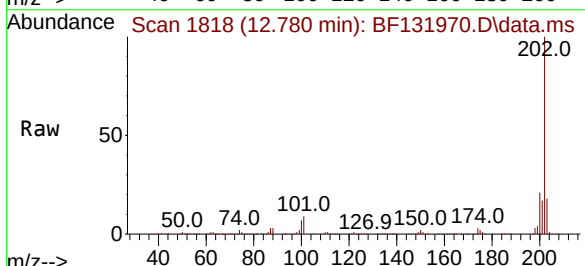
Tgt Ion:202 Resp: 731447

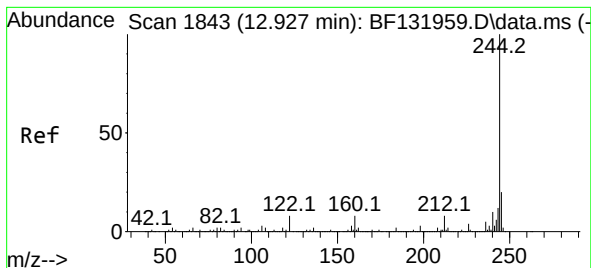
Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.6

203 17.6 14.1 21.1





#79

Terphenyl-d14

Concen: 84.465 ng

RT: 12.921 min Scan# 1842

Delta R.T. -0.006 min

Lab File: BF131970.D

Acq: 09 Jan 2023 18:57

Instrument :

BNA_F

ClientSampleId :

TP-203MSD

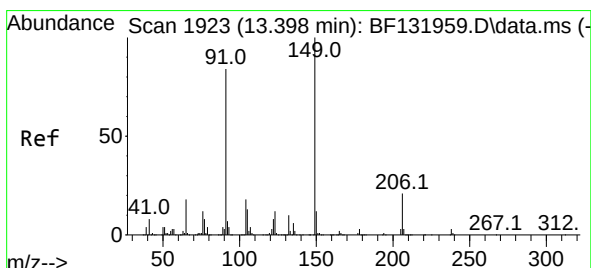
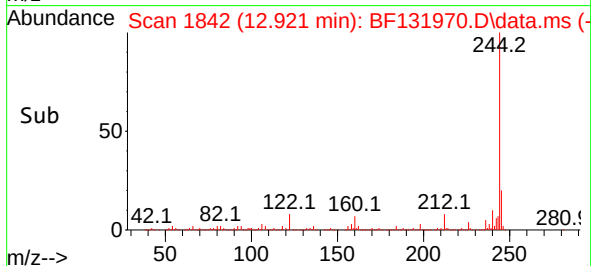
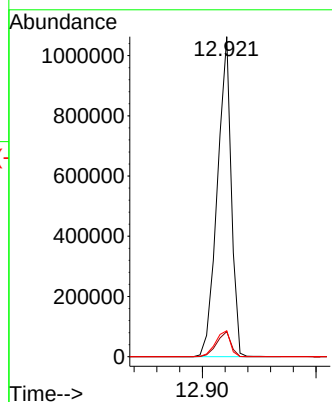
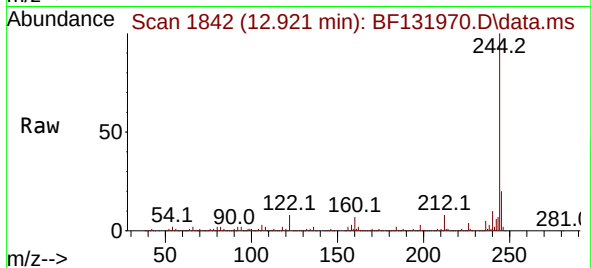
Tgt Ion:244 Resp: 904052

Ion Ratio Lower Upper

244 100

212 7.9 6.3 9.5

122 8.1 6.8 10.2



#80

Butylbenzylphthalate

Concen: 45.345 ng

RT: 13.398 min Scan# 1923

Delta R.T. -0.000 min

Lab File: BF131970.D

Acq: 09 Jan 2023 18:57

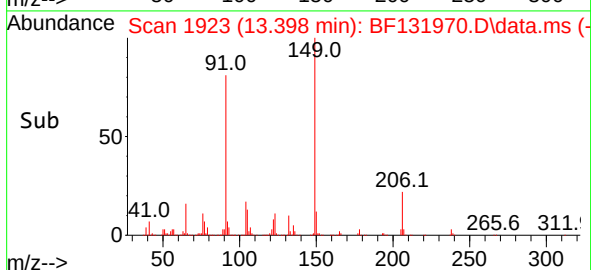
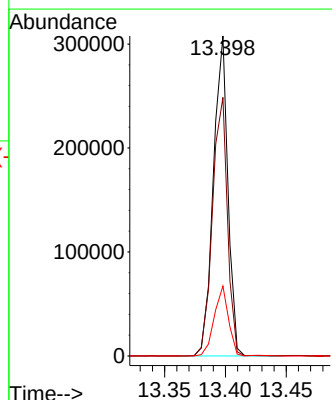
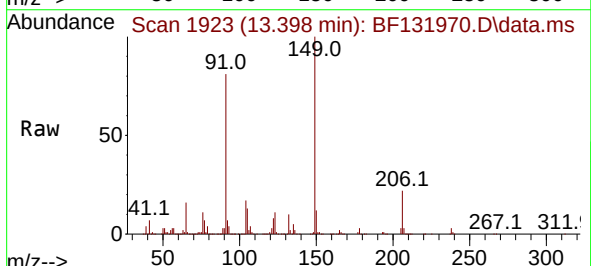
Tgt Ion:149 Resp: 256090

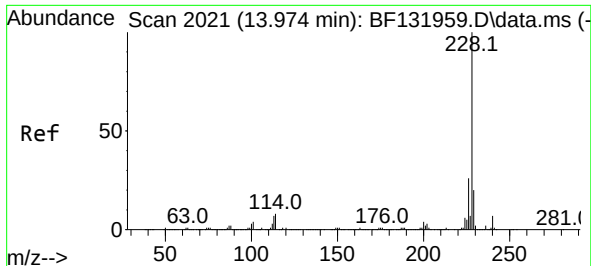
Ion Ratio Lower Upper

149 100

91 80.8 67.0 100.4

206 21.8 16.9 25.3

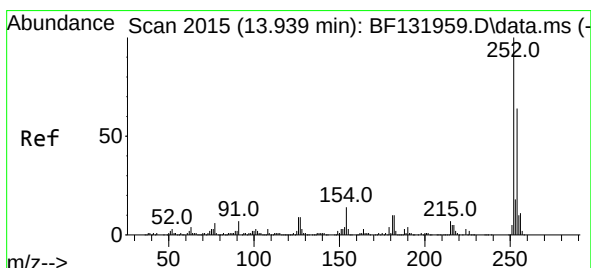
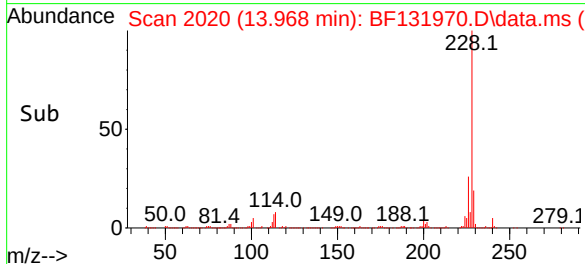
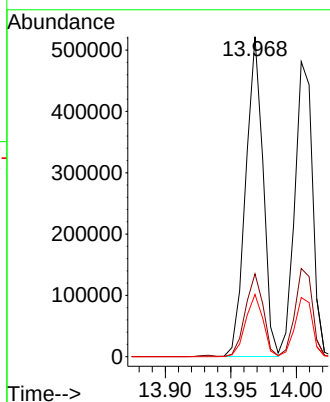
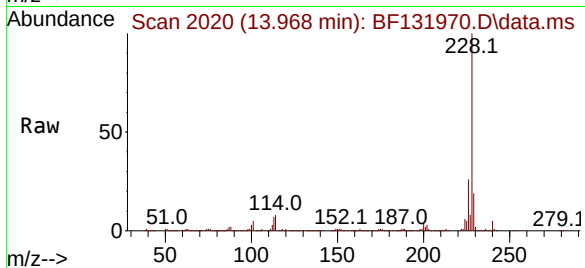




#81
Benzo(a)anthracene
Concen: 43.010 ng
RT: 13.968 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

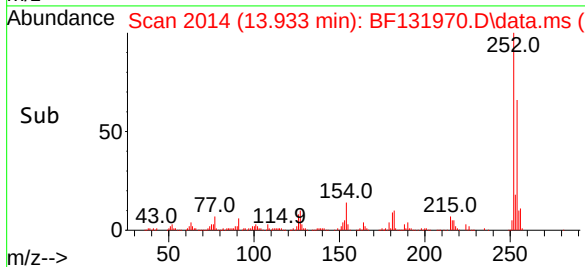
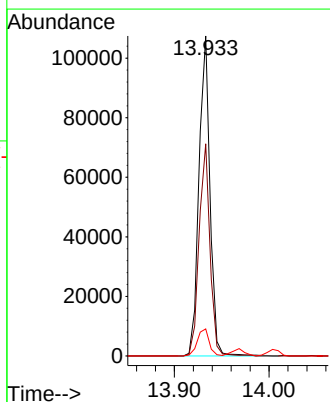
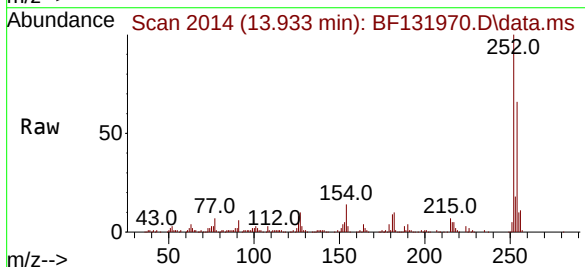
Instrument :
BNA_F
ClientSampleId :
TP-203MSD

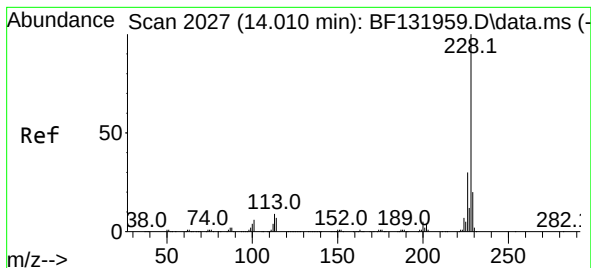
Tgt Ion:228 Resp: 480027
Ion Ratio Lower Upper
228 100
226 25.9 21.0 31.4
229 19.4 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 25.013 ng
RT: 13.933 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

Tgt Ion:252 Resp: 87127
Ion Ratio Lower Upper
252 100
254 66.3 51.5 77.3
126 8.4 6.9 10.3





#83

Chrysene

Concen: 43.409 ng

RT: 14.004 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF131970.D

Acq: 09 Jan 2023 18:57

Instrument :

BNA_F

ClientSampleId :

TP-203MSD

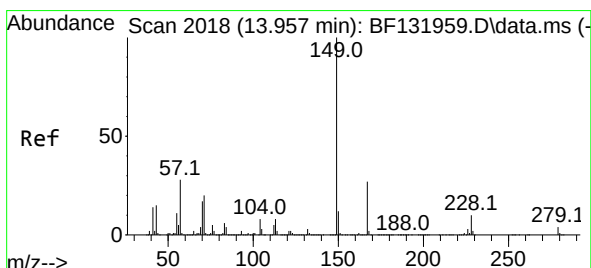
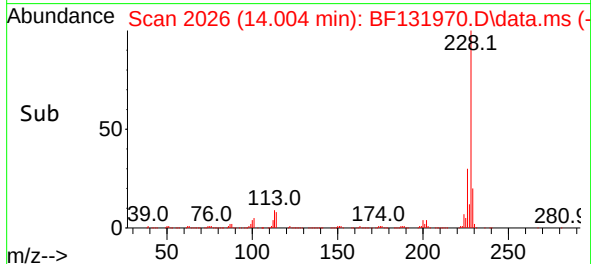
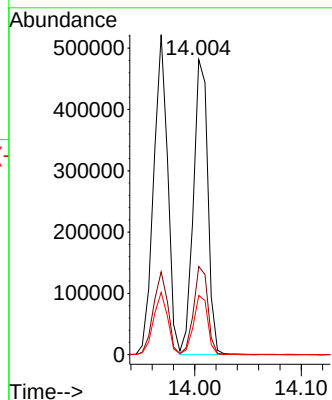
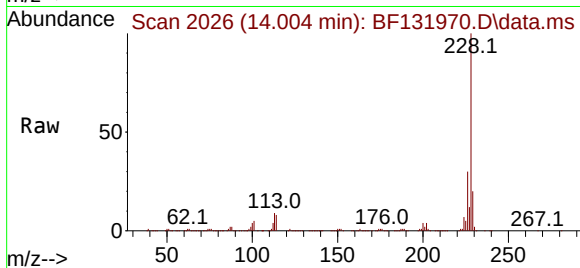
Tgt Ion:228 Resp: 452779

Ion Ratio Lower Upper

228 100

226 29.9 24.0 36.0

229 20.1 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.326 ng

RT: 13.951 min Scan# 2017

Delta R.T. -0.006 min

Lab File: BF131970.D

Acq: 09 Jan 2023 18:57

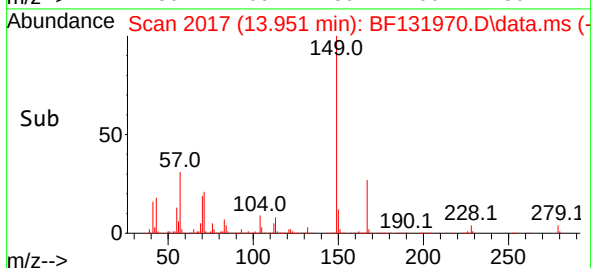
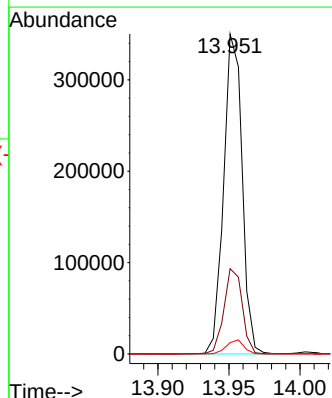
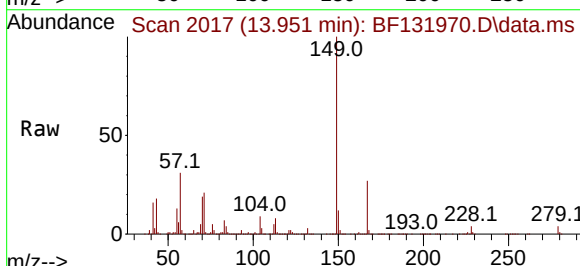
Tgt Ion:149 Resp: 316194

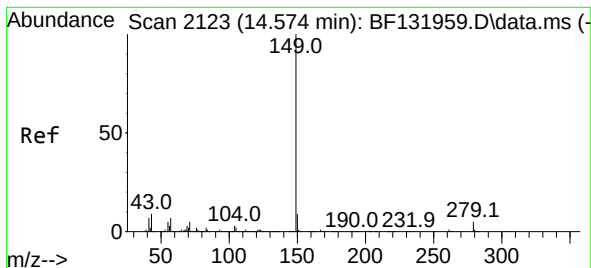
Ion Ratio Lower Upper

149 100

167 26.7 21.3 31.9

279 3.6 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 45.592 ng

RT: 14.568 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF131970.D

Acq: 09 Jan 2023 18:57

Instrument :

BNA_F

ClientSampleId :

TP-203MSD

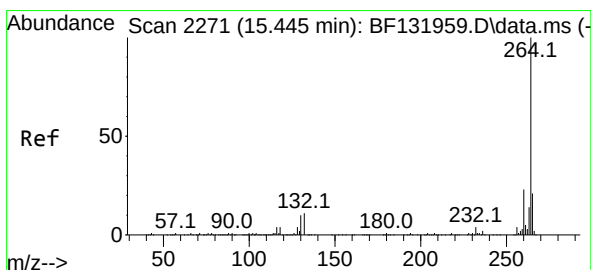
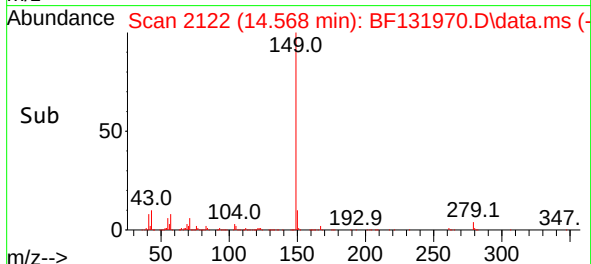
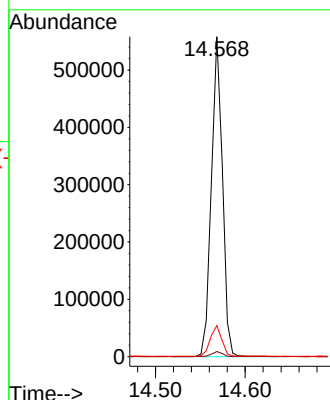
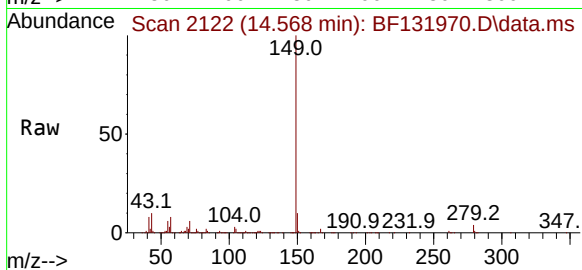
Tgt Ion:149 Resp: 477350

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.9 7.8 11.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 2270

Delta R.T. -0.006 min

Lab File: BF131970.D

Acq: 09 Jan 2023 18:57

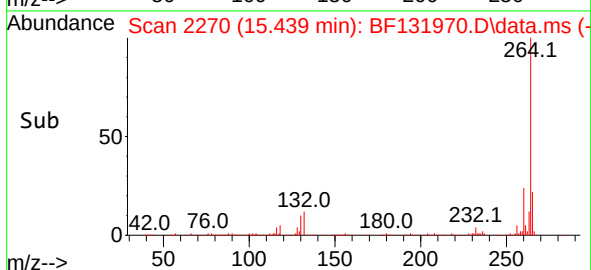
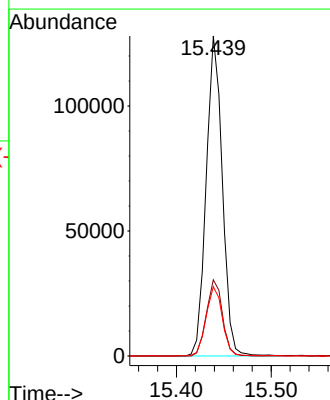
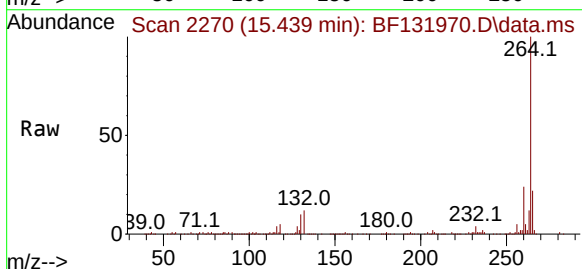
Tgt Ion:264 Resp: 151318

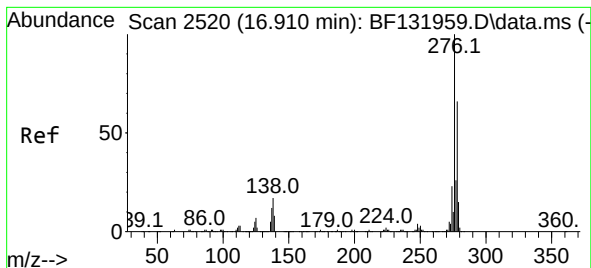
Ion Ratio Lower Upper

264 100

260 23.8 18.3 27.5

265 21.7 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 56.498 ng

RT: 16.909 min Scan# 2198

Delta R.T. -0.000 min

Lab File: BF131970.D

Acq: 09 Jan 2023 18:57

Instrument :

BNA_F

ClientSampleId :

TP-203MSD

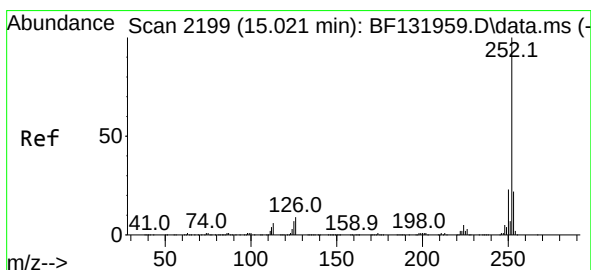
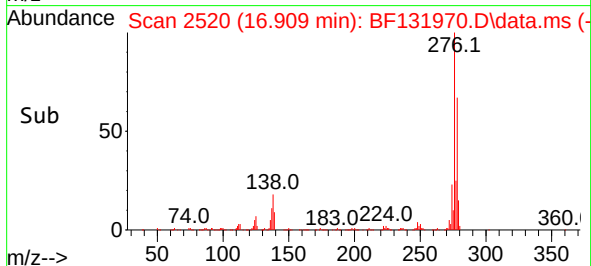
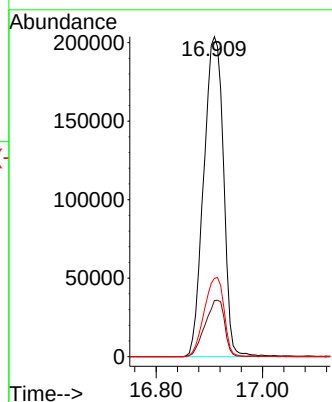
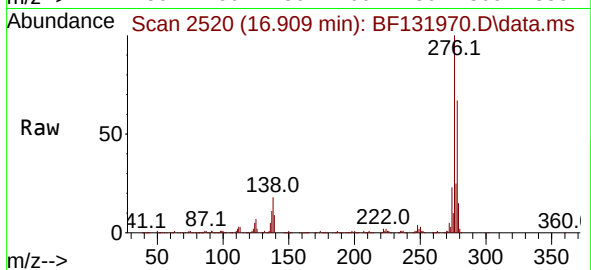
Tgt Ion:276 Resp: 524317

Ion Ratio Lower Upper

276 100

138 17.5 14.2 21.2

277 24.8 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 43.052 ng

RT: 15.015 min Scan# 2198

Delta R.T. -0.006 min

Lab File: BF131970.D

Acq: 09 Jan 2023 18:57

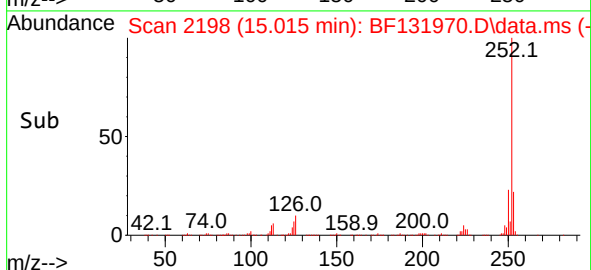
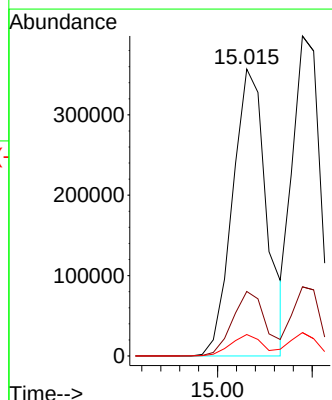
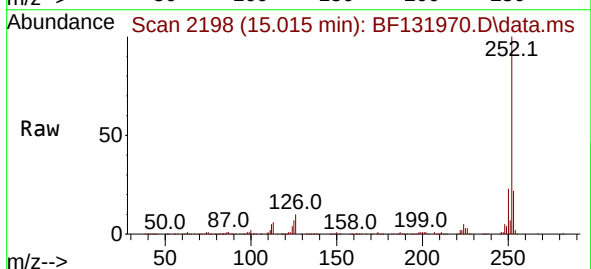
Tgt Ion:252 Resp: 446821

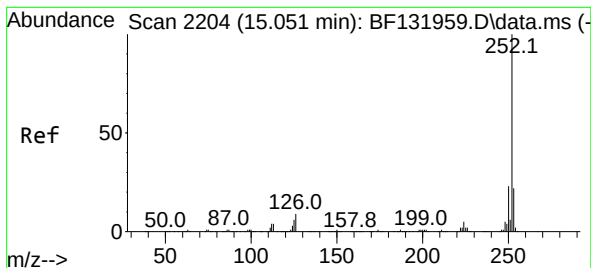
Ion Ratio Lower Upper

252 100

253 22.5 18.0 27.0

125 7.5 5.8 8.6





#89

Benzo(k)fluoranthene

Concen: 38.998 ng

RT: 15.045 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF131970.D

Acq: 09 Jan 2023 18:57

Instrument :

BNA_F

ClientSampleId :

TP-203MSD

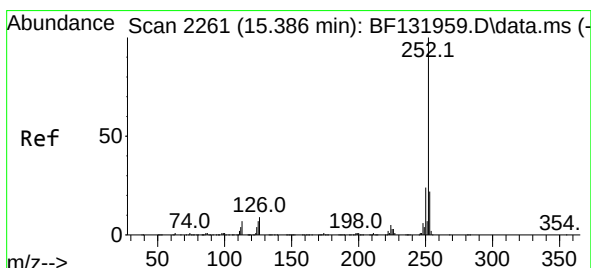
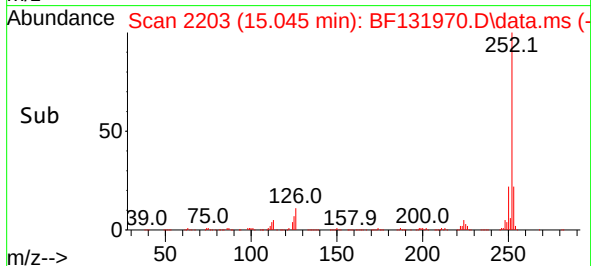
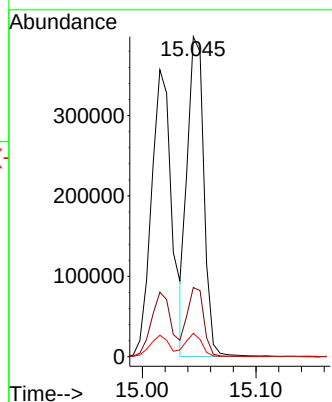
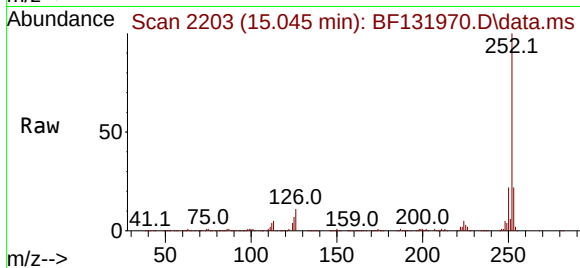
Tgt Ion:252 Resp: 403942

Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.6

125 7.3 5.2 7.8



#90

Benzo(a)pyrene

Concen: 41.639 ng

RT: 15.380 min Scan# 2260

Delta R.T. -0.006 min

Lab File: BF131970.D

Acq: 09 Jan 2023 18:57

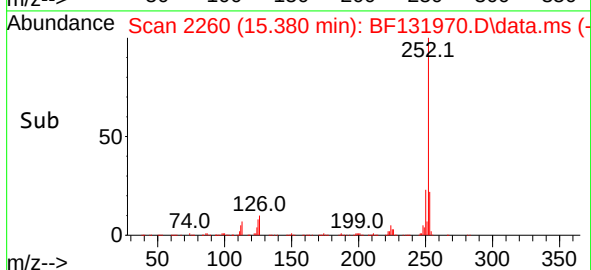
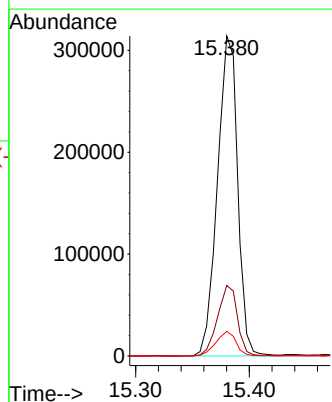
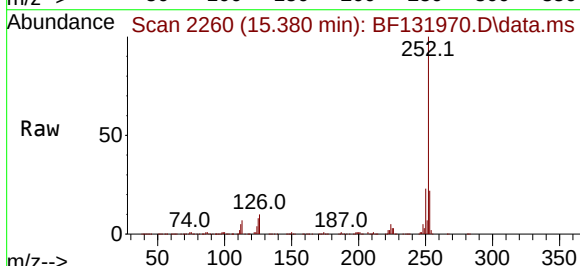
Tgt Ion:252 Resp: 389363

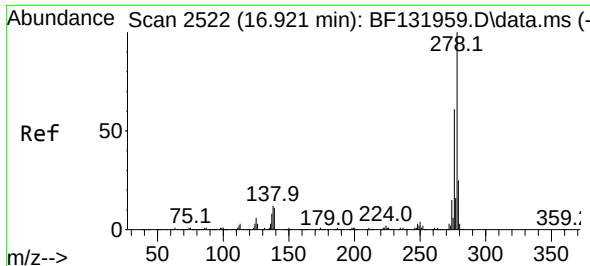
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 7.7 5.7 8.5

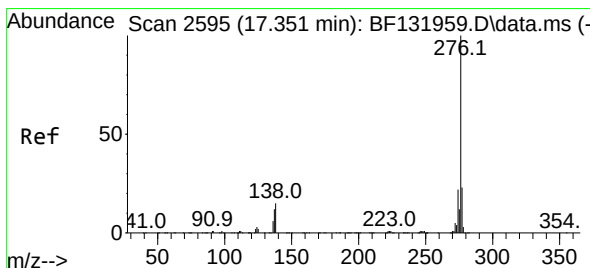
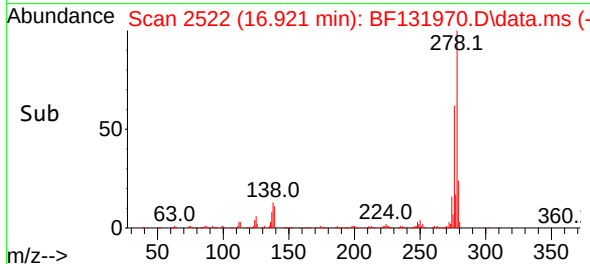
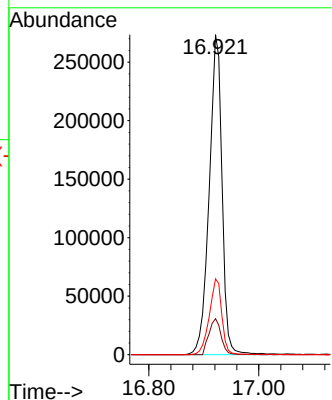
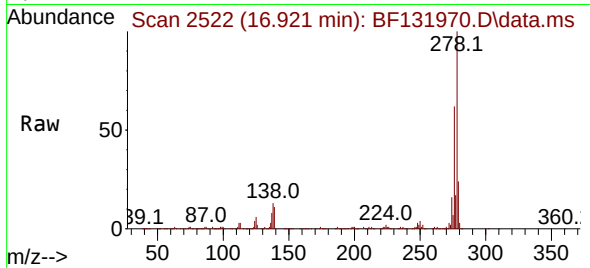




#91
Dibenzo(a,h)anthracene
Concen: 56.998 ng
RT: 16.921 min Scan# 2522
Delta R.T. -0.000 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

Instrument :
BNA_F
ClientSampleId :
TP-203MSD

Tgt Ion:278 Resp: 443419
Ion Ratio Lower Upper
278 100
139 11.3 8.8 13.2
279 23.7 19.8 29.6



#92
Benzo(g,h,i)perylene
Concen: 51.519 ng
RT: 17.351 min Scan# 2595
Delta R.T. -0.000 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

Tgt Ion:276 Resp: 431476
Ion Ratio Lower Upper
276 100
277 23.5 18.2 27.2
138 15.1 11.7 17.5

