

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011223\
 Data File : BF132046.D
 Acq On : 12 Jan 2023 17:42
 Operator : CG\JU
 Sample : 01084-02MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-2MSD

Quant Time: Jan 13 01:35:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 23:59:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	77503	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	291279	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	172159	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	322691	20.000	ng	0.00
76) Chrysene-d12	13.962	240	149817	20.000	ng	0.00
86) Perylene-d12	15.415	264	152786	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	570391	121.270	ng	0.03
7) Phenol-d6	6.428	99	688457	110.396	ng	0.00
23) Nitrobenzene-d5	7.351	82	575671	82.026	ng	0.00
42) 2,4,6-Tribromophenol	10.621	330	244945	123.744	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1051496	82.452	ng	0.00
79) Terphenyl-d14	12.904	244	1081348	103.451	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.663	88	79206	38.557	ng	# 83
3) Pyridine	3.387	79	101302	17.571	ng	98
4) n-Nitrosodimethylamine	3.304	42	117551	43.384	ng	97
6) Aniline	6.439	93	93871	11.440	ng	# 1
8) 2-Chlorophenol	6.563	128	209053	44.300	ng	99
9) Benzaldehyde	6.328	77	102542	24.712	ng	98
10) Phenol	6.439	94	251477	36.148	ng	91
11) bis(2-Chloroethyl)ether	6.516	93	232160	44.269	ng	98
12) 1,3-Dichlorobenzene	6.710	146	222709	42.371	ng	98
13) 1,4-Dichlorobenzene	6.792	146	226676	42.622	ng	97
14) 1,2-Dichlorobenzene	6.939	146	216361	42.835	ng	99
15) Benzyl Alcohol	6.928	79	239408	44.085	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.051	45	279927	42.296	ng	# 26
17) 2-Methylphenol	7.045	107	186444	39.923	ng	# 91
18) Hexachloroethane	7.281	117	93521	42.522	ng	96
19) n-Nitroso-di-n-propyla...	7.198	70	192475	42.666	ng	98
20) 3+4-Methylphenols	7.198	107	240417	40.099	ng	98
22) Acetophenone	7.192	105	361385	42.612	ng	93
24) Nitrobenzene	7.369	77	291248	40.763	ng	98
25) Isophorone	7.610	82	532125	40.586	ng	99
26) 2-Nitrophenol	7.681	139	118384	42.110	ng	98
27) 2,4-Dimethylphenol	7.728	122	198332	42.266	ng	100
28) bis(2-Chloroethoxy)met...	7.816	93	295130	40.672	ng	98
29) 2,4-Dichlorophenol	7.933	162	202876	42.209	ng	99
30) 1,2,4-Trichlorobenzene	8.004	180	231231	42.006	ng	99
31) Naphthalene	8.086	128	628242	40.812	ng	100
32) Benzoic acid	7.875	122	81860	30.090	ng	96
33) 4-Chloroaniline	8.139	127	45481	7.160	ng	97
34) Hexachlorobutadiene	8.192	225	154074	40.370	ng	98
35) Caprolactam	8.533	113	25406	17.997	ng	91
36) 4-Chloro-3-methylphenol	8.645	107	238206	42.226	ng	98
37) 2-Methylnaphthalene	8.780	142	444257	40.184	ng	100
38) 1-Methylnaphthalene	8.880	142	408568	39.889	ng	96
40) 1,2,4,5-Tetrachloroben...	8.945	216	253991	41.868	ng	98
41) Hexachlorocyclopentadiene	8.927	237	162860	56.578	ng	98
43) 2,4,6-Trichlorophenol	9.069	196	155401	42.557	ng	98

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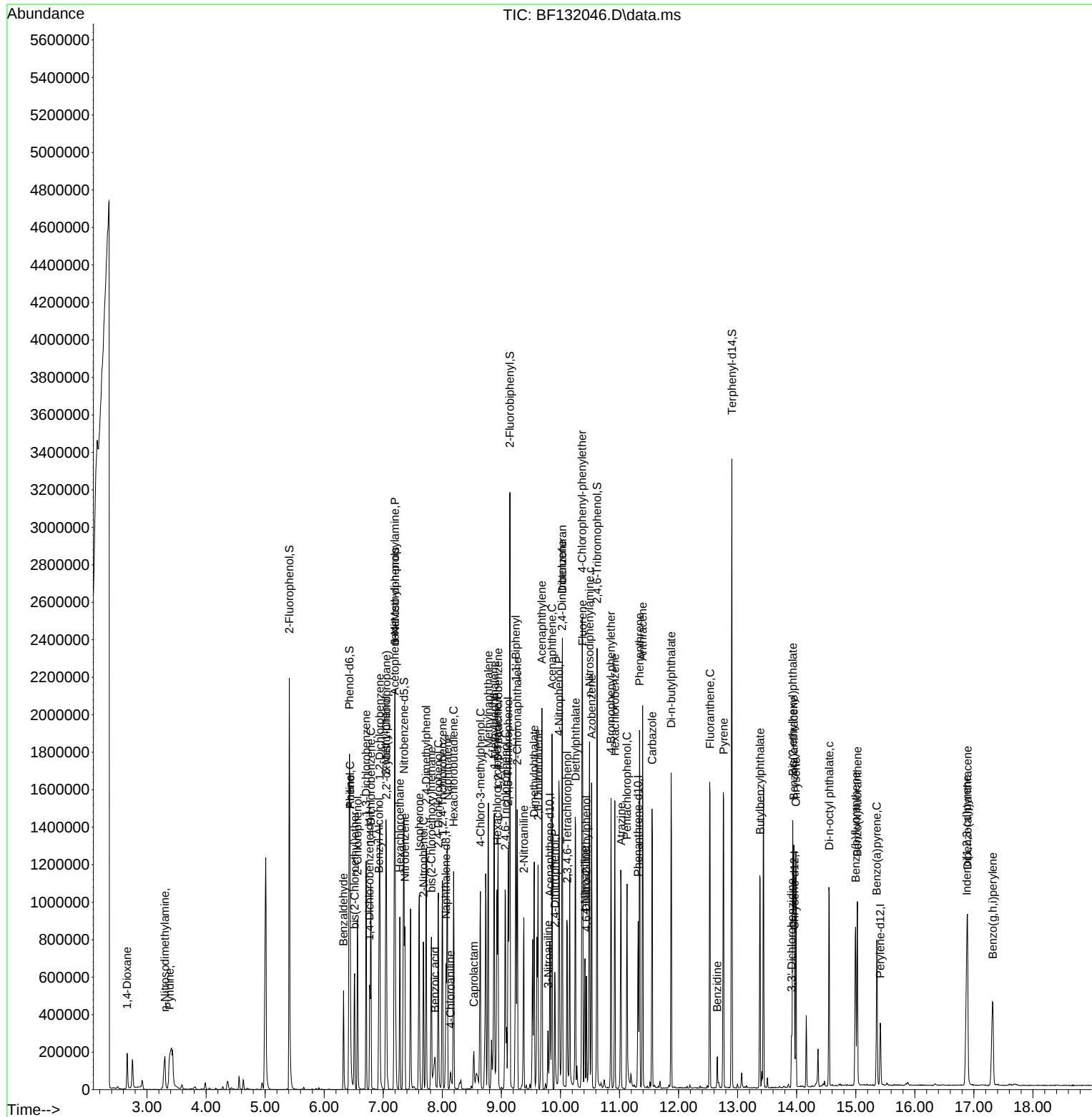
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	167086	39.304	ng	98
46) 1,1'-Biphenyl	9.245	154	563931	42.439	ng	98
47) 2-Chloronaphthalene	9.269	162	451222	43.751	ng	100
48) 2-Nitroaniline	9.380	65	158537	42.322	ng	93
49) Acenaphthylene	9.686	152	669128	41.810	ng	100
50) Dimethylphthalate	9.557	163	561070	41.810	ng	100
51) 2,6-Dinitrotoluene	9.622	165	118635	42.033	ng	90
52) Acenaphthene	9.857	154	403927	42.046	ng	99
53) 3-Nitroaniline	9.792	138	44720	16.331	ng	96
54) 2,4-Dinitrophenol	9.904	184	79292	55.952	ng	93
55) Dibenzofuran	10.033	168	620520	40.977	ng	99
56) 4-Nitrophenol	9.974	139	110476	71.627	ng	95
57) 2,4-Dinitrotoluene	10.027	165	156547	41.485	ng	86
58) Fluorene	10.374	166	506085	41.836	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.116	232	124221	39.216	ng	99
60) Diethylphthalate	10.257	149	542980	41.148	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	278507	40.218	ng	99
62) 4-Nitroaniline	10.416	138	91332	37.093	ng	94
63) Azobenzene	10.527	77	572310	40.885	ng	99
65) 4,6-Dinitro-2-methylph...	10.439	198	69388	33.344	ng	85
66) n-Nitrosodiphenylamine	10.492	169	428898	42.365	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	165903	41.098	ng	99
68) Hexachlorobenzene	10.921	284	180249	44.140	ng	96
69) Atrazine	11.027	200	161167	43.777	ng	97
70) Pentachlorophenol	11.127	266	134478	62.748	ng	96
71) Phenanthrene	11.339	178	705194	41.921	ng	99
72) Anthracene	11.392	178	717242	41.417	ng	99
73) Carbazole	11.551	167	596666	41.617	ng	99
74) Di-n-butylphthalate	11.874	149	794088	39.778	ng	99
75) Fluoranthene	12.533	202	695886	36.783	ng	99
77) Benzidine	12.657	184	60330	12.121	ng	97
78) Pyrene	12.763	202	680096	49.772	ng	99
80) Butylbenzylphthalate	13.380	149	252646	45.807	ng	92
81) Benzo(a)anthracene	13.951	228	455866	41.824	ng	99
82) 3,3'-Dichlorobenzidine	13.915	252	57162	16.804	ng	100
83) Chrysene	13.986	228	423070	41.533	ng	99
84) Bis(2-ethylhexyl)phtha...	13.933	149	336204	44.994	ng	100
85) Di-n-octyl phthalate	14.551	149	494510	48.362	ng	98
87) Indeno(1,2,3-cd)pyrene	16.880	276	491578	52.461	ng	99
88) Benzo(b)fluoranthene	14.998	252	426563	40.705	ng	99
89) Benzo(k)fluoranthene	15.027	252	405326	38.756	ng	99
90) Benzo(a)pyrene	15.356	252	371893	39.388	ng	99
91) Dibenzo(a,h)anthracene	16.892	278	414782	52.805	ng	97
92) Benzo(g,h,i)perylene	17.321	276	401264	47.729	ng	99

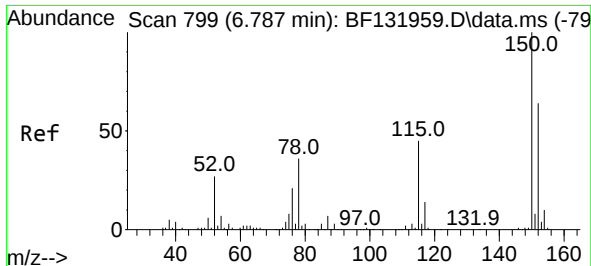
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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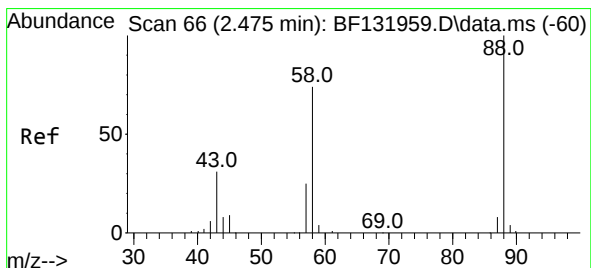
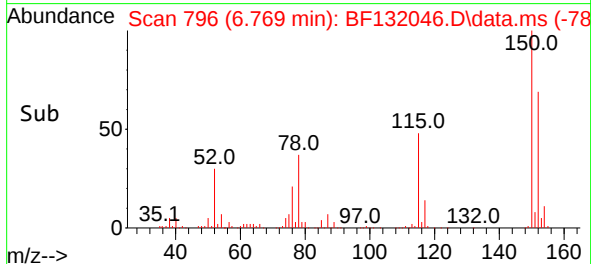
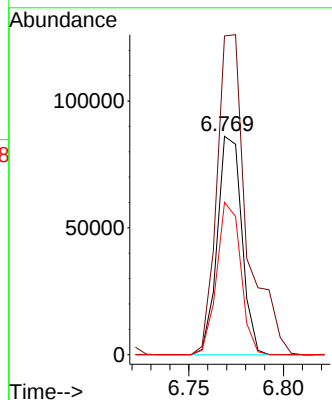
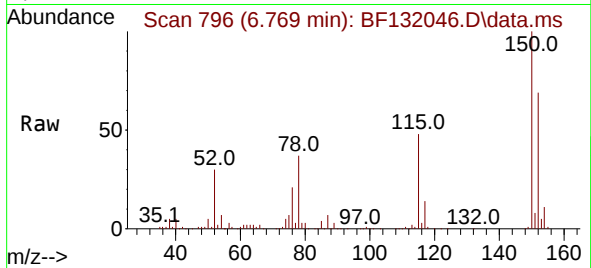




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.769 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: BF132046.D
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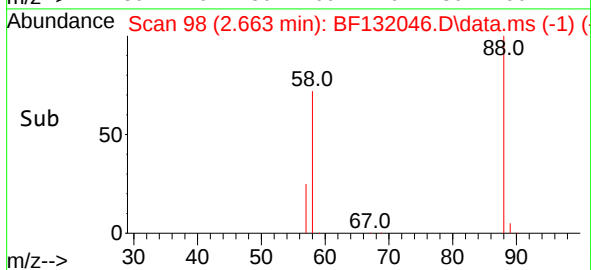
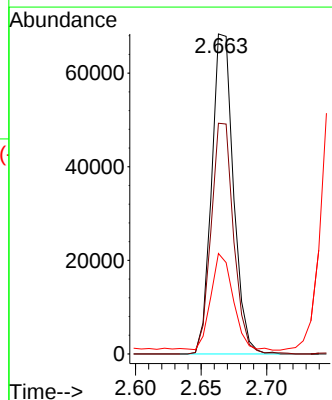
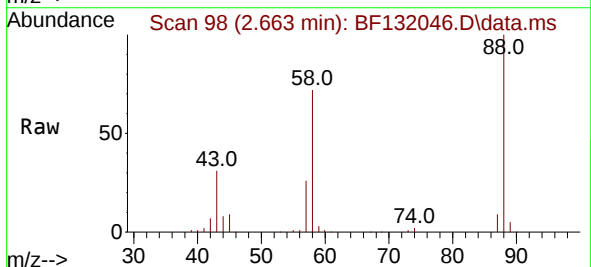
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 BNA_F
 ClientSampleId :
 MH-2MSD

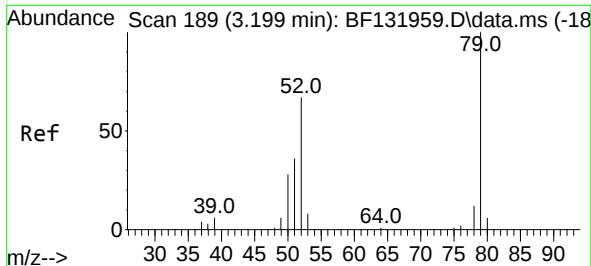
Tgt Ion:152 Resp: 77503
 Ion Ratio Lower Upper
 152 100
 150 145.9 124.6 186.8
 115 69.8 55.6 83.4



#2
 1,4-Dioxane
 Concen: 38.557 ng
 RT: 2.663 min Scan# 98
 Delta R.T. 0.229 min
 Lab File: BF132046.D
 Acq: 12 Jan 2023 17:42

Tgt Ion: 88 Resp: 79206
 Ion Ratio Lower Upper
 88 100
 58 74.1 59.0 88.4
 43 0.0 24.6 37.0#





#3

Pyridine

Concen: 17.571 ng

RT: 3.387 min Scan# 21

Delta R.T. 0.229 min

Lab File: BF132046.D

Acq: 12 Jan 2023 17:42

Instrument :

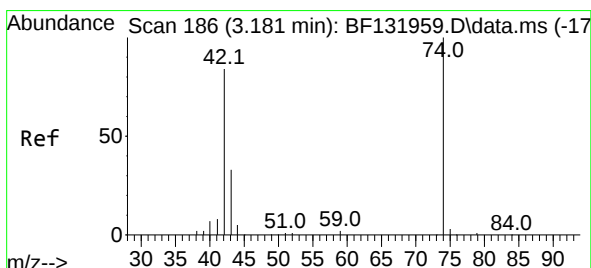
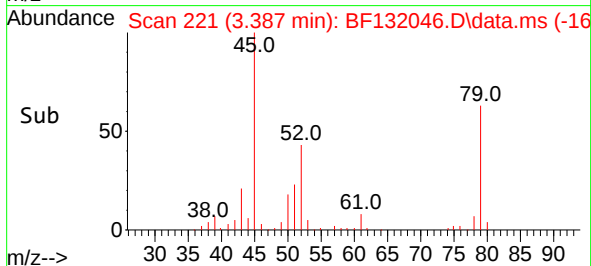
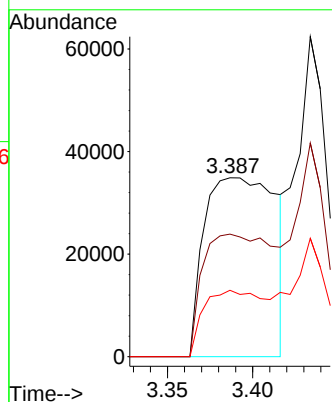
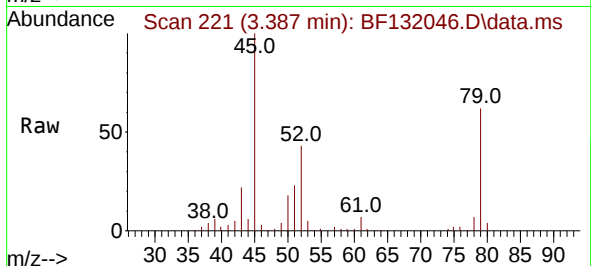
BNA_F

ClientSampleId :

MH-2MSD

Tgt Ion: 79 Resp: 101302

Ion	Ratio	Lower	Upper
79	100		
52	68.5	53.7	80.5
51	37.2	28.6	43.0



#4

n-Nitrosodimethylamine

Concen: 43.384 ng

RT: 3.304 min Scan# 207

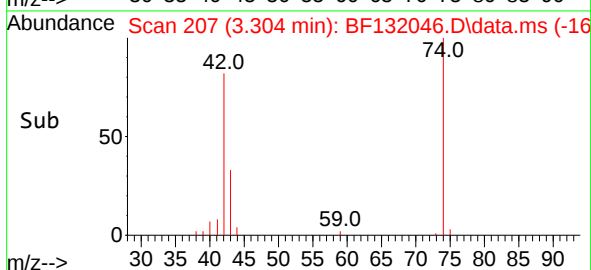
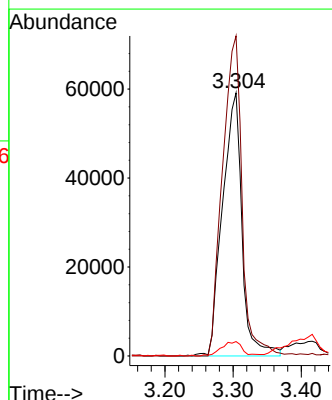
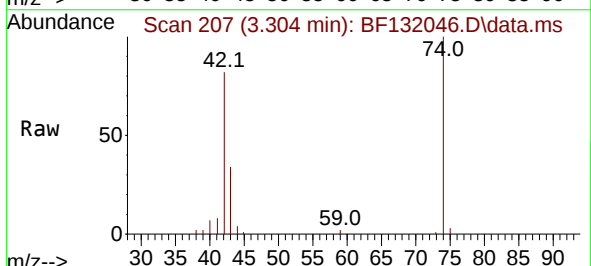
Delta R.T. 0.170 min

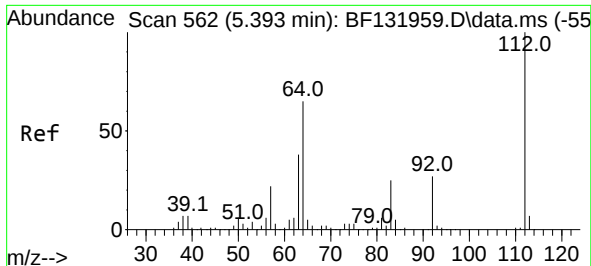
Lab File: BF132046.D

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Tgt Ion: 42 Resp: 117551

Ion	Ratio	Lower	Upper
42	100		
74	121.7	94.8	142.2
44	5.5	4.5	6.7

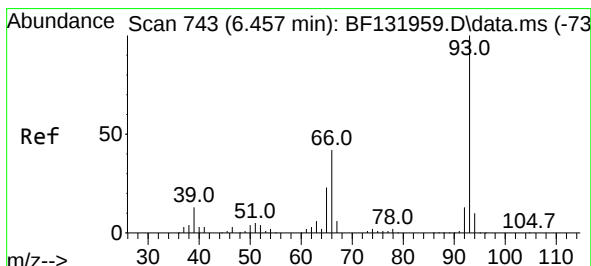
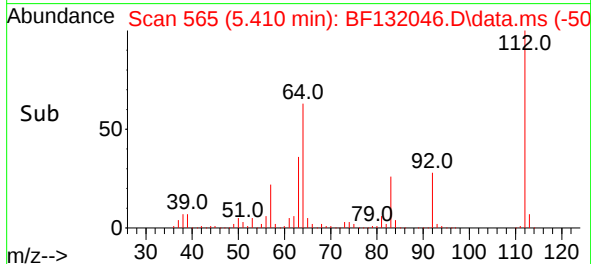
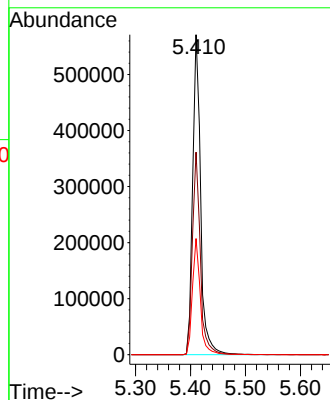
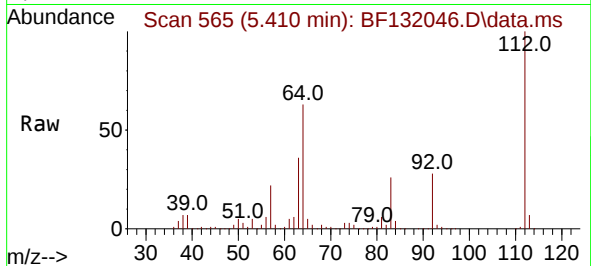




#5
2-Fluorophenol
Concen: 121.270 ng
RT: 5.410 min Scan# 50
Delta R.T. 0.029 min
Lab File: BF132046.D
Acq: 12 Jan 2023 17:42

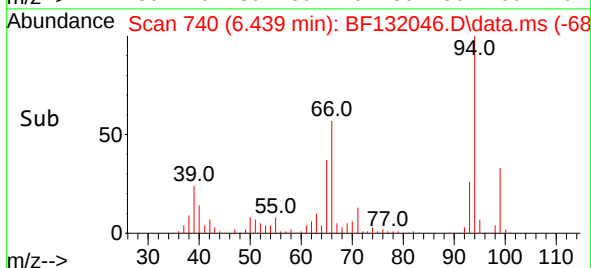
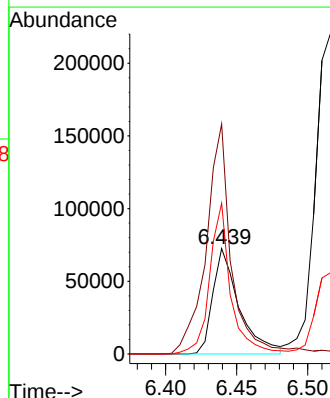
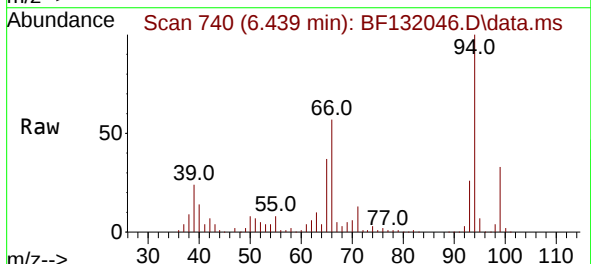
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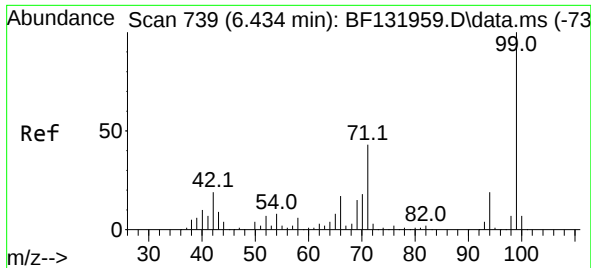
Tgt Ion:112 Resp: 570391
Ion Ratio Lower Upper
112 100
64 63.3 51.9 77.9
63 36.3 30.2 45.2



#6
Aniline
Concen: 11.440 ng
RT: 6.439 min Scan# 740
Delta R.T. -0.000 min
Lab File: BF132046.D
Acq: 12 Jan 2023 17:42

Tgt Ion: 93 Resp: 93871
Ion Ratio Lower Upper
93 100
66 218.1 34.6 51.8#
65 143.1 18.2 27.2#

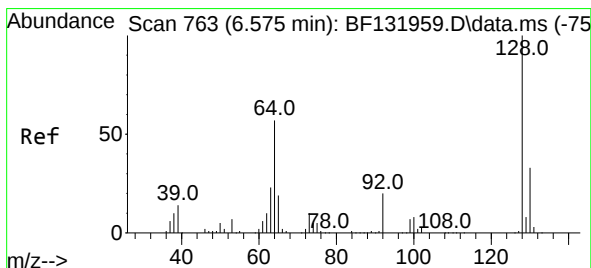
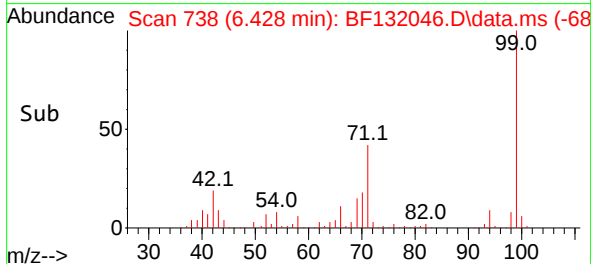
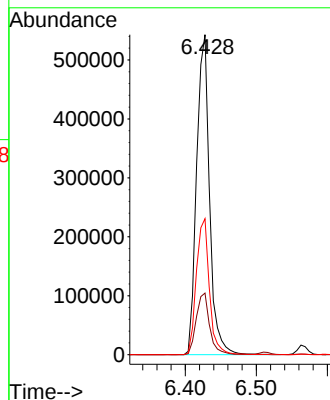
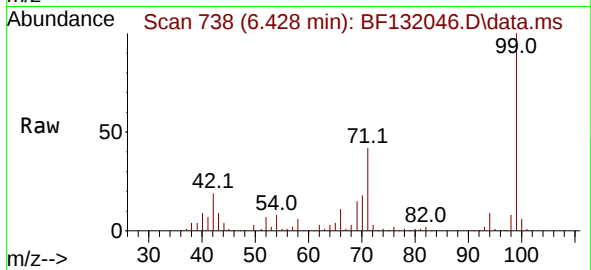




#7
Phenol-d6
Concen: 110.396 ng
RT: 6.428 min Scan# 711
Delta R.T. 0.006 min
Lab File: BF132046.D
Acq: 12 Jan 2023 17:42

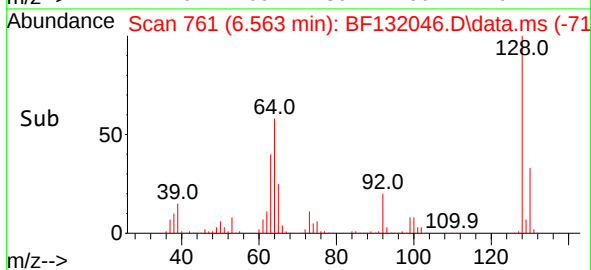
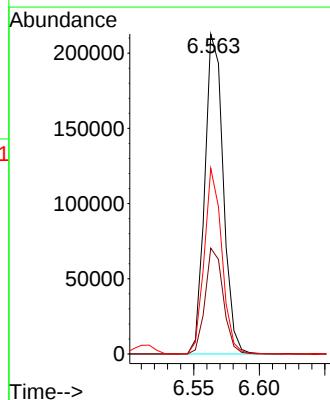
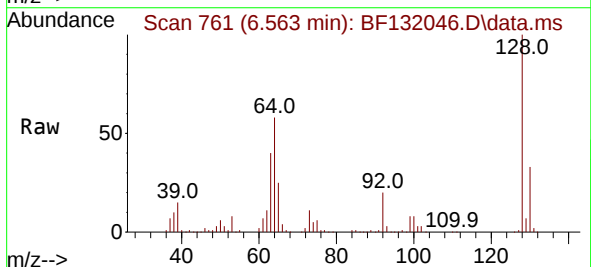
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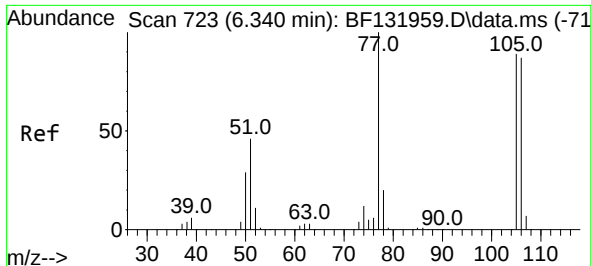
Tgt Ion: 99 Resp: 688457
Ion Ratio Lower Upper
99 100
42 19.2 15.4 23.2
71 42.5 34.6 51.8



#8
2-Chlorophenol
Concen: 44.300 ng
RT: 6.563 min Scan# 761
Delta R.T. -0.000 min
Lab File: BF132046.D
Acq: 12 Jan 2023 17:42

Tgt Ion:128 Resp: 209053
Ion Ratio Lower Upper
128 100
130 33.0 12.5 52.5
64 58.0 37.6 77.6

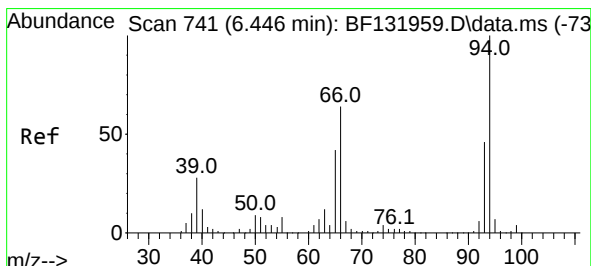
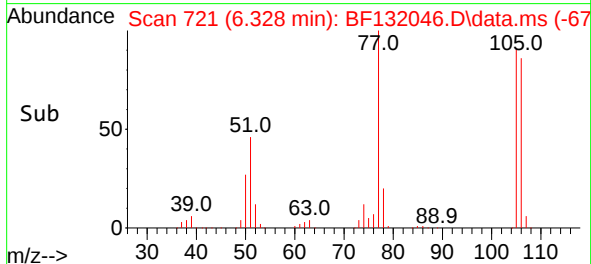
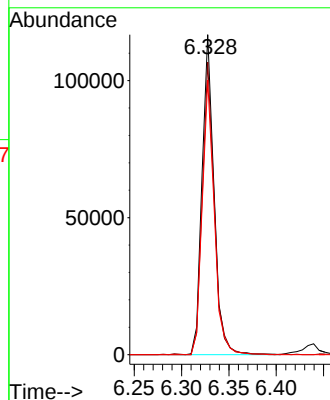
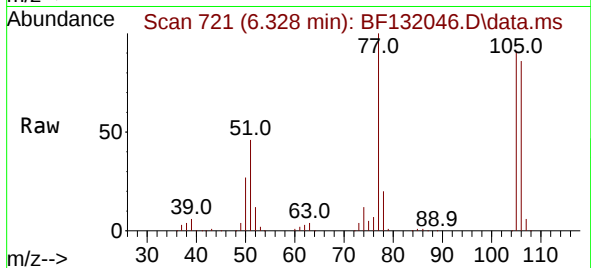




#9
Benzaldehyde
Concen: 24.712 ng
RT: 6.328 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF132046.D
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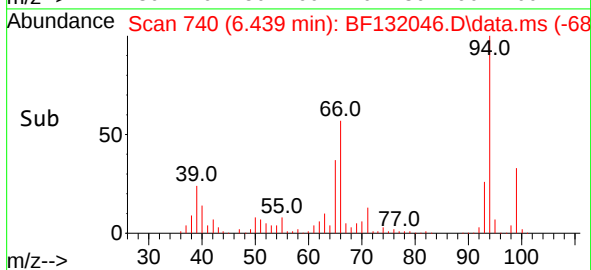
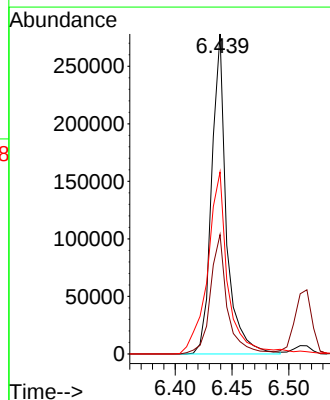
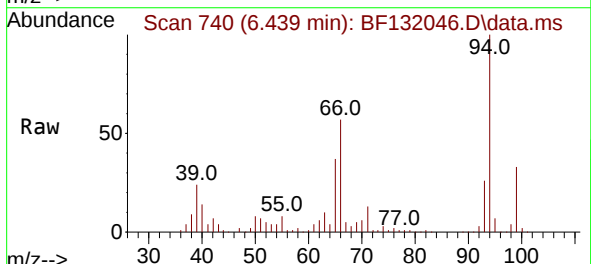
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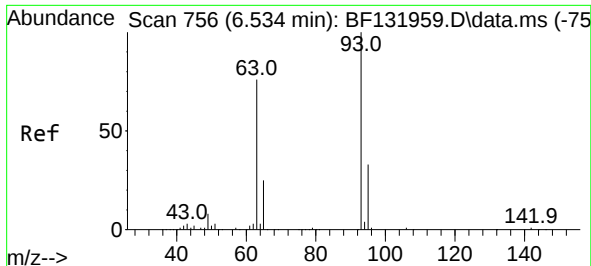
Tgt Ion: 77 Resp: 102542
Ion Ratio Lower Upper
77 100
105 91.4 69.0 109.0
106 85.7 67.0 107.0



#10
Phenol
Concen: 36.148 ng
RT: 6.439 min Scan# 740
Delta R.T. 0.006 min
Lab File: BF132046.D
Acq: 12 Jan 2023 17:42

Tgt Ion: 94 Resp: 251477
Ion Ratio Lower Upper
94 100
65 37.3 22.2 62.2
66 56.9 44.4 84.4

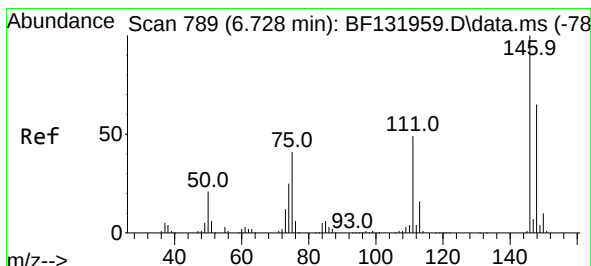
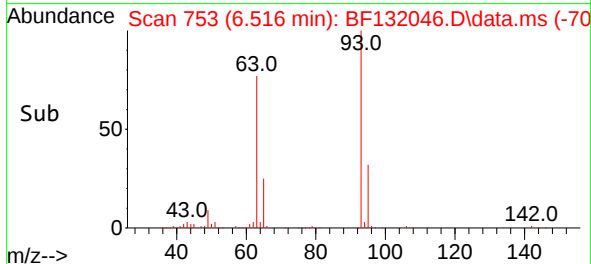
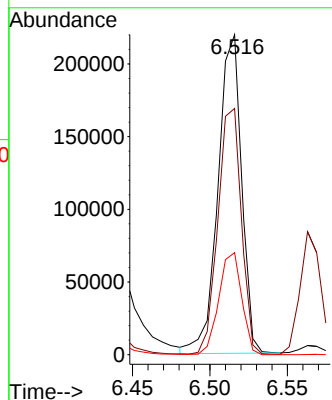
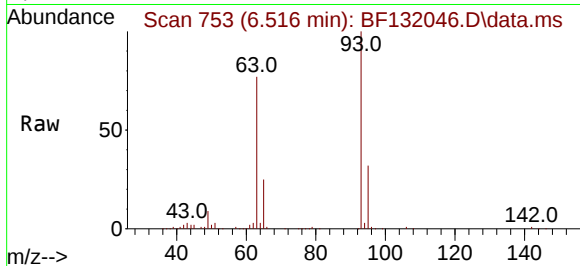




#11
bis(2-Chloroethyl)ether
Concen: 44.269 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF132046.D
Acq: 12 Jan 2023 17:42

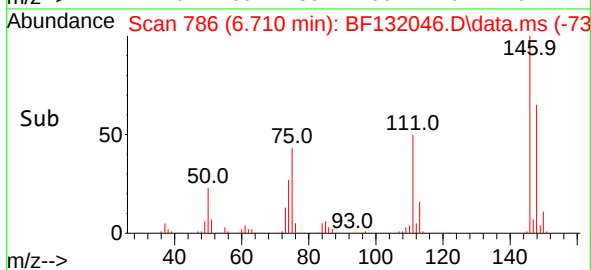
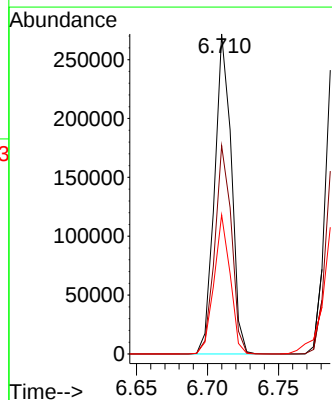
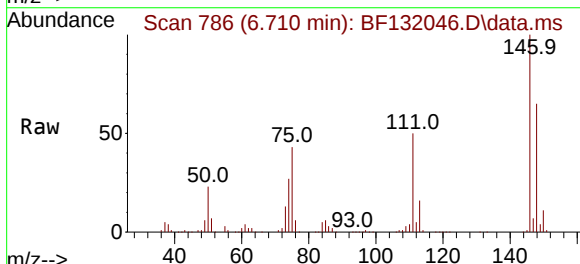
Instrument :
BNA_F
ClientSampleId :
MH-2MSD

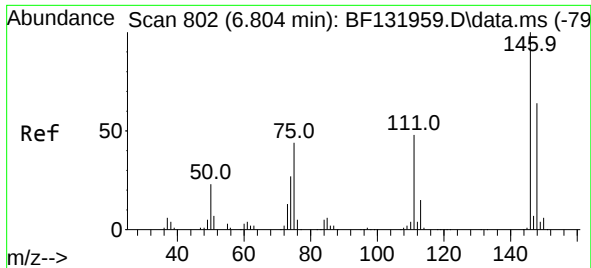
Tgt Ion: 93 Resp: 232160
Ion Ratio Lower Upper
93 100
63 76.9 55.5 95.5
95 31.9 13.1 53.1



#12
1,3-Dichlorobenzene
Concen: 42.371 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.000 min
Lab File: BF132046.D
Acq: 12 Jan 2023 17:42

Tgt Ion: 146 Resp: 222709
Ion Ratio Lower Upper
146 100
148 65.1 51.7 77.5
75 43.5 32.7 49.1

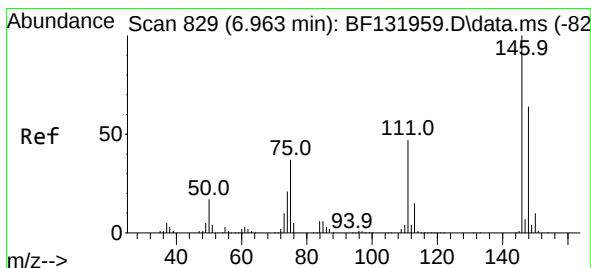
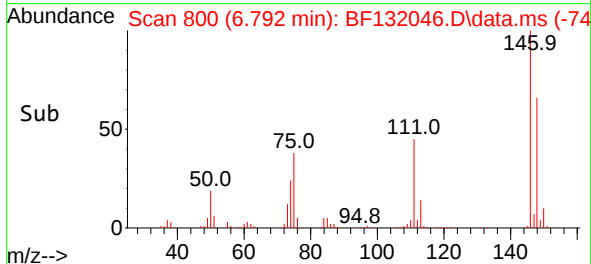
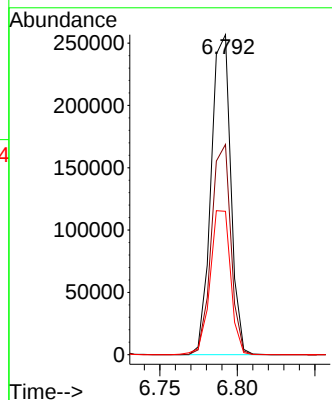
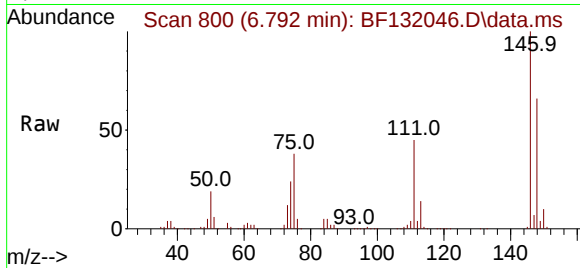




#13
1,4-Dichlorobenzene
Concen: 42.622 ng
RT: 6.792 min Scan# 800
Delta R.T. -0.000 min
Lab File: BF132046.D
Acq: 12 Jan 2023 17:42

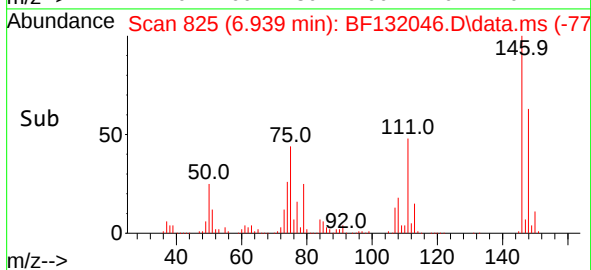
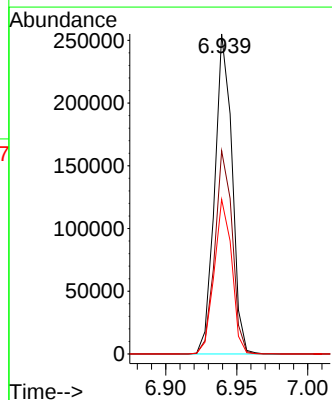
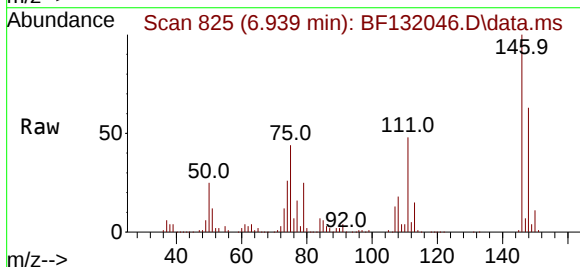
Instrument :
BNA_F
ClientSampleId :
MH-2MSD

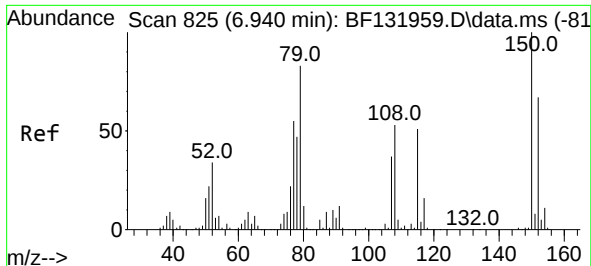
Tgt Ion:146 Resp: 226676
Ion Ratio Lower Upper
146 100
148 65.7 51.0 76.6
111 44.8 38.5 57.7



#14
1,2-Dichlorobenzene
Concen: 42.835 ng
RT: 6.939 min Scan# 825
Delta R.T. -0.006 min
Lab File: BF132046.D
Acq: 12 Jan 2023 17:42

Tgt Ion:146 Resp: 216361
Ion Ratio Lower Upper
146 100
148 63.5 51.4 77.0
111 48.3 37.7 56.5

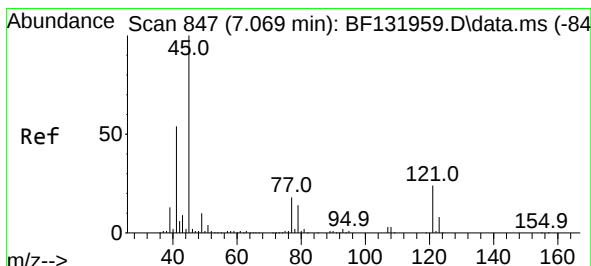
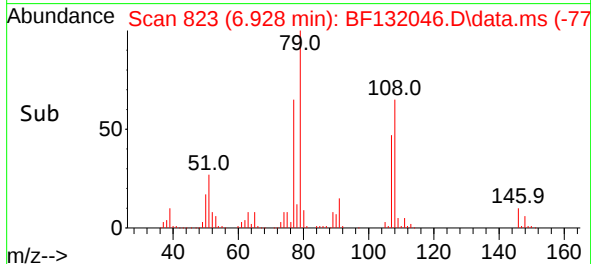
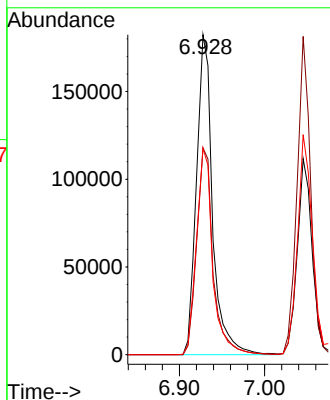
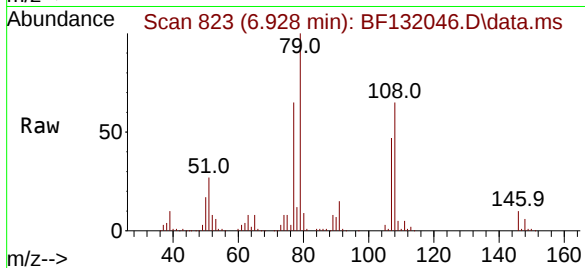




#15
Benzyl Alcohol
Concen: 44.085 ng
RT: 6.928 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF132046.D
Acq: 12 Jan 2023 17:42

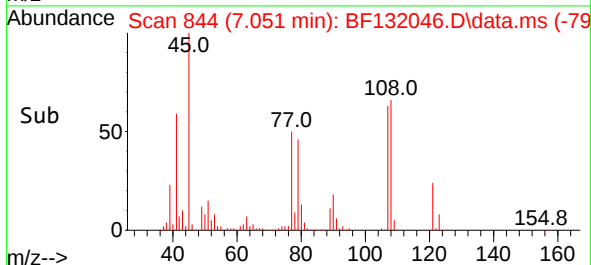
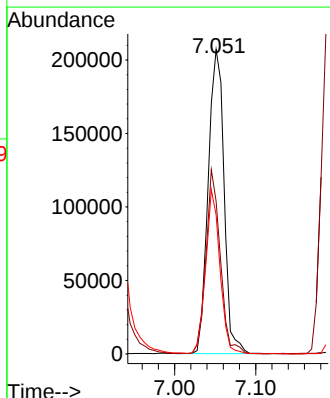
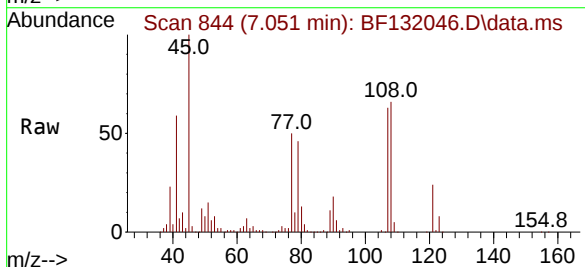
Instrument :
BNA_F
ClientSampleId :
MH-2MSD

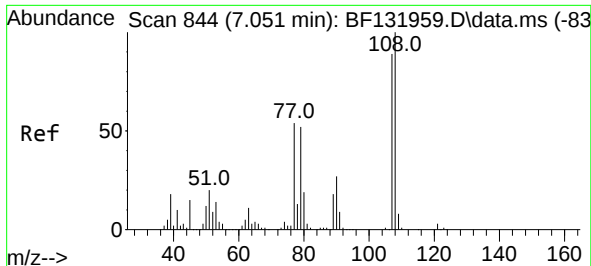
Tgt Ion: 79 Resp: 239408
Ion Ratio Lower Upper
79 100
108 64.6 51.7 77.5
77 64.6 52.9 79.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.296 ng
RT: 7.051 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF132046.D
Acq: 12 Jan 2023 17:42

Tgt Ion: 45 Resp: 279927
Ion Ratio Lower Upper
45 100
77 50.1 0.0 38.1#
79 45.7 0.0 34.6#

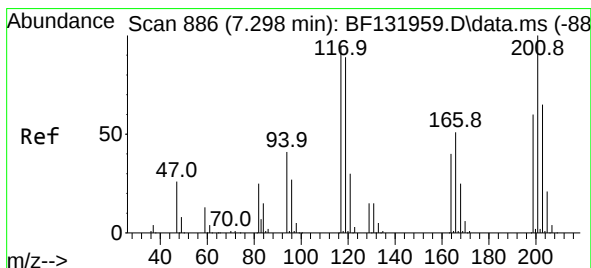
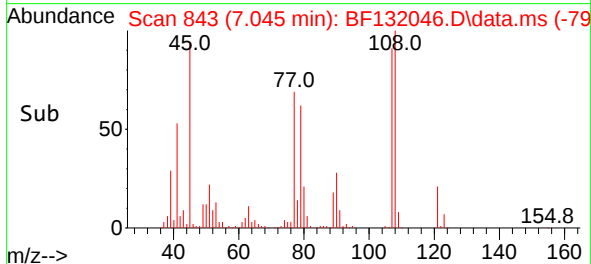
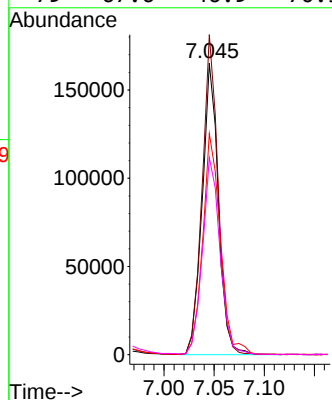
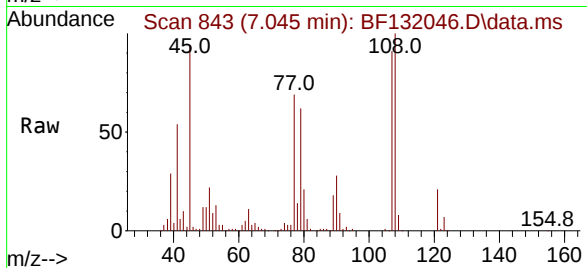




#17
2-Methylphenol
Concen: 39.923 ng
RT: 7.045 min Scan# 844
Delta R.T. -0.000 min
Lab File: BF132046.D
Acq: 12 Jan 2023 17:42

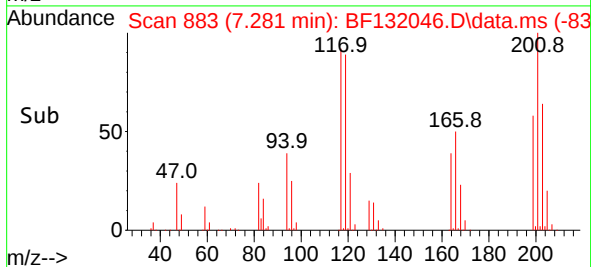
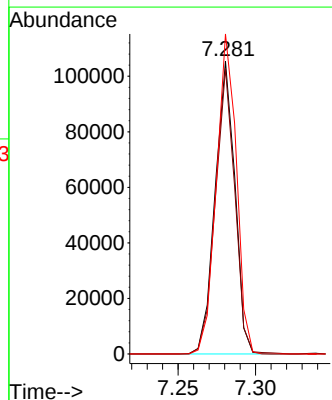
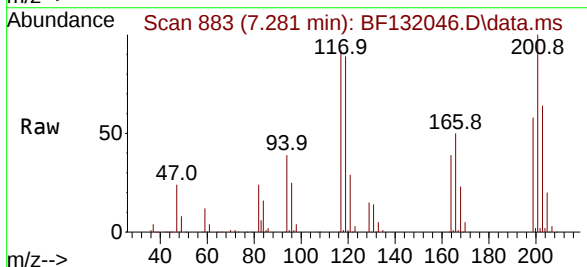
Instrument :
BNA_F
ClientSampleId :
MH-2MSD

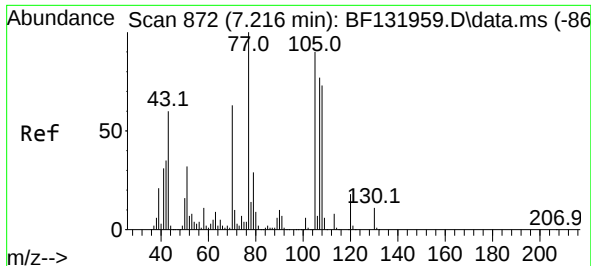
Tgt Ion:107 Resp: 186444
Ion Ratio Lower Upper
107 100
108 109.8 90.0 135.0
77 75.9 48.8 73.2#
79 67.6 46.9 70.3



#18
Hexachloroethane
Concen: 42.522 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF132046.D
Acq: 12 Jan 2023 17:42

Tgt Ion:117 Resp: 93521
Ion Ratio Lower Upper
117 100
119 97.5 75.4 113.0
201 109.3 84.2 126.4



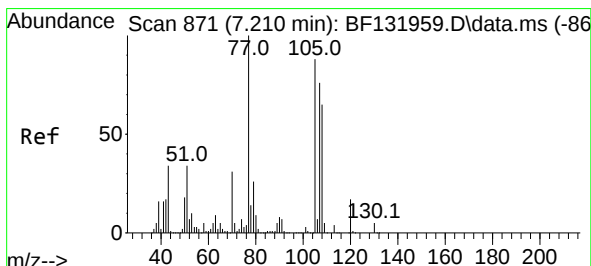
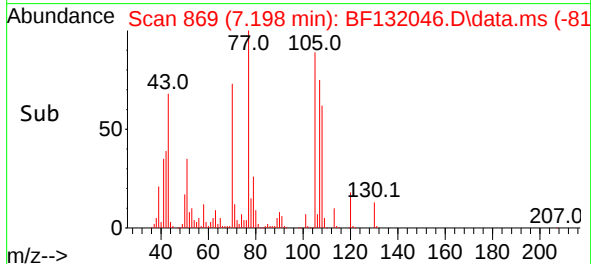
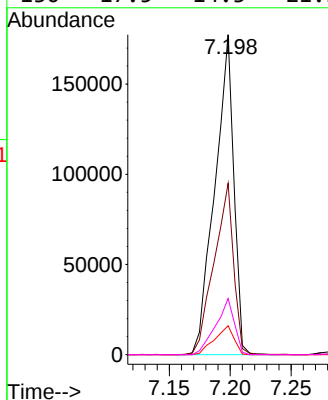
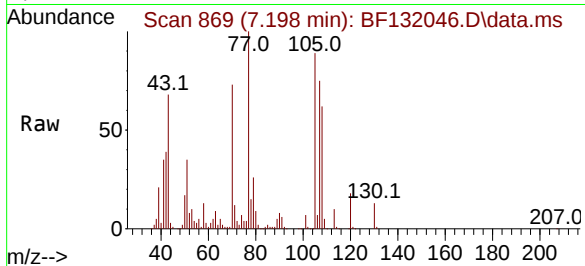


#19
n-Nitroso-di-n-propylamine
Concen: 42.666 ng
RT: 7.198 min Scan# 809
Delta R.T. -0.000 min
Lab File: BF132046.D
Acq: 12 Jan 2023 17:42

Instrument :
BNA_F
ClientSampleId :
MH-2MSD

Tgt Ion: 70 Resp: 192475

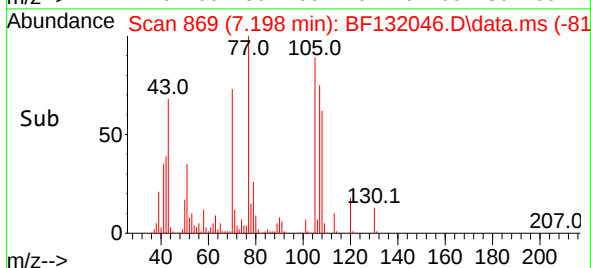
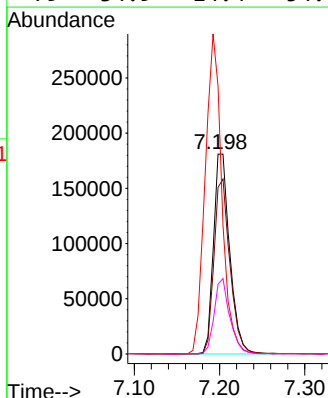
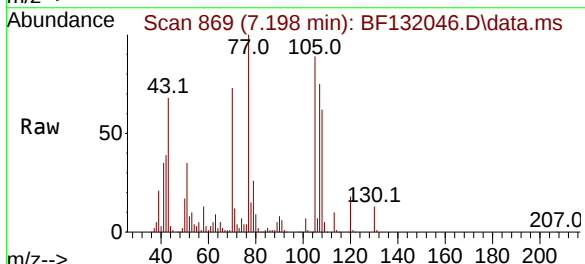
Ion	Ratio	Lower	Upper
70	100		
42	53.6	44.3	66.5
101	9.0	7.5	11.3
130	17.5	14.3	21.5

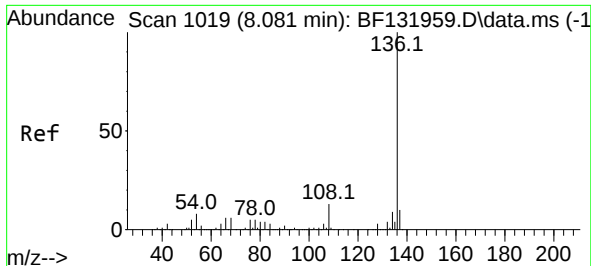


#20
3+4-Methylphenols
Concen: 40.099 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF132046.D
Acq: 12 Jan 2023 17:42

Tgt Ion: 107 Resp: 240417

Ion	Ratio	Lower	Upper
107	100		
108	83.3	65.1	105.1
77	133.9	111.2	151.2
79	34.9	14.4	54.4



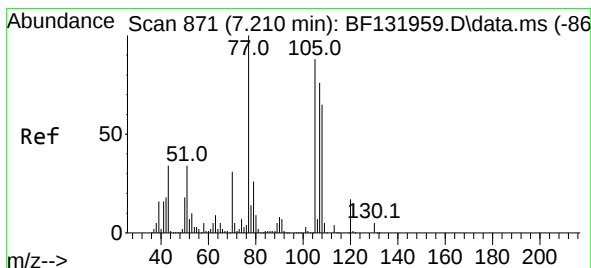
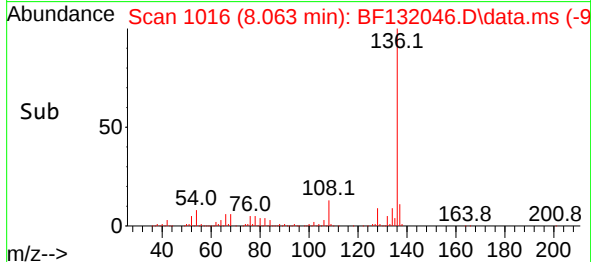
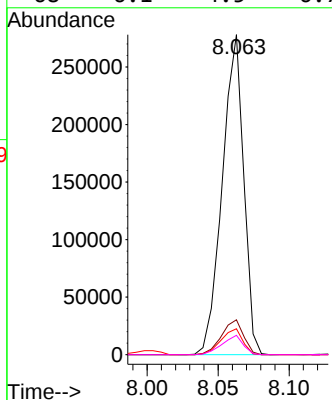
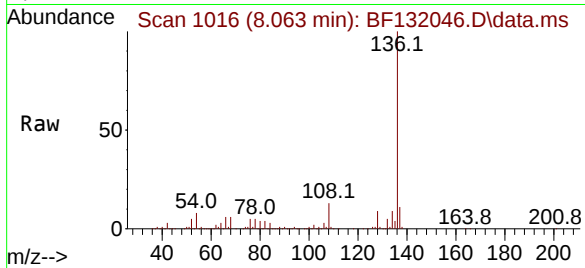


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF132046.D
Acq: 12 Jan 2023 17:42

Instrument :
BNA_F
ClientSampleId :
MH-2MSD

Tgt Ion:136 Resp: 291279

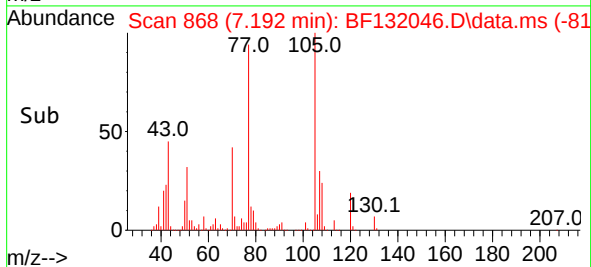
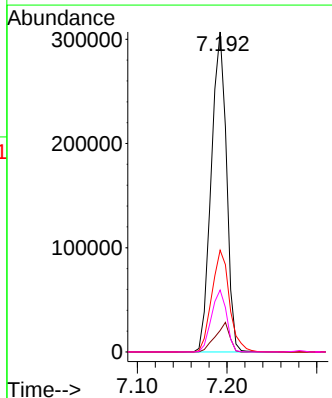
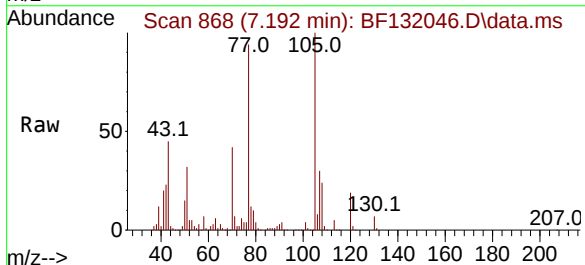
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.2	12.2
54	8.1	6.6	9.8
68	6.1	4.5	6.7

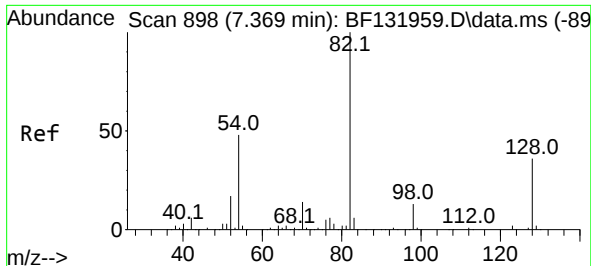


#22
Acetophenone
Concen: 42.612 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.000 min
Lab File: BF132046.D
Acq: 12 Jan 2023 17:42

Tgt Ion:105 Resp: 361385

Ion	Ratio	Lower	Upper
105	100		
71	6.7	4.6	7.0
51	31.8	30.6	46.0
120	19.3	15.3	22.9





#23

Nitrobenzene-d5

Concen: 82.026 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.000 min

Lab File: BF132046.D

Acq: 12 Jan 2023 17:42

Instrument :

BNA_F

ClientSampleId :

MH-2MSD

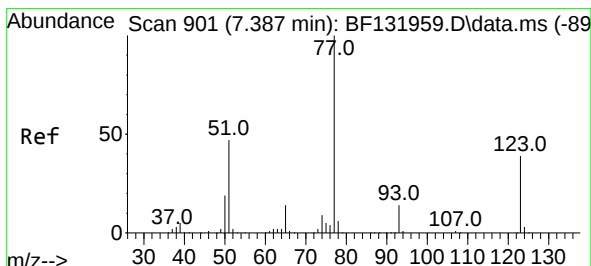
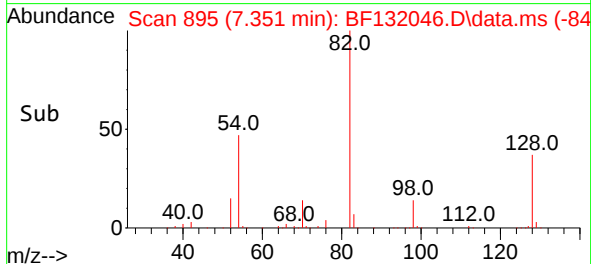
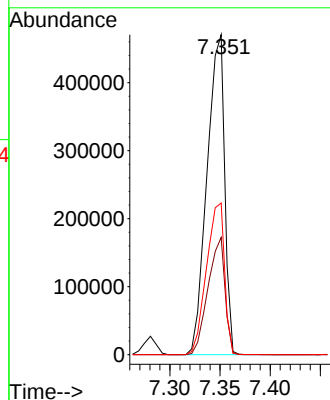
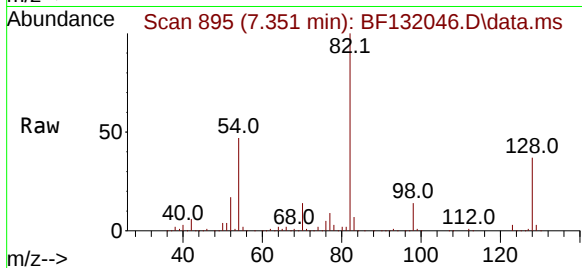
Tgt Ion: 82 Resp: 575671

Ion Ratio Lower Upper

82 100

128 36.6 28.7 43.1

54 47.4 38.1 57.1



#24

Nitrobenzene

Concen: 40.763 ng

RT: 7.369 min Scan# 898

Delta R.T. -0.000 min

Lab File: BF132046.D

Acq: 12 Jan 2023 17:42

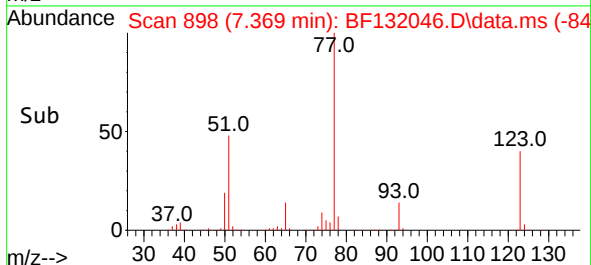
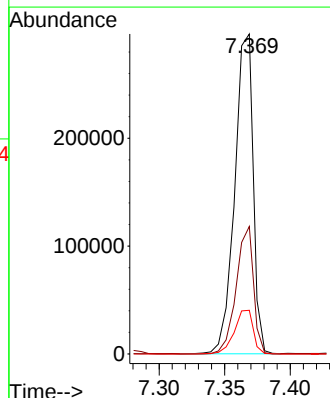
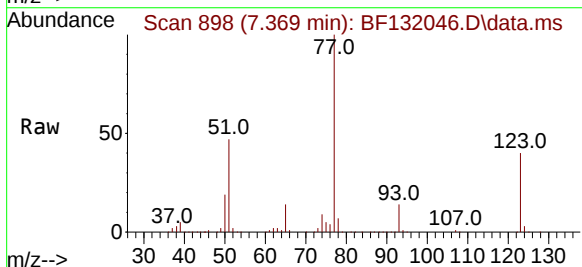
Tgt Ion: 77 Resp: 291248

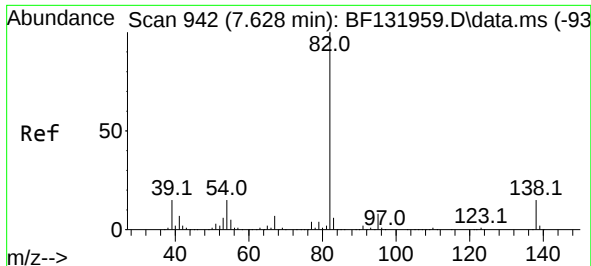
Ion Ratio Lower Upper

77 100

123 39.9 30.9 46.3

65 13.7 10.8 16.2

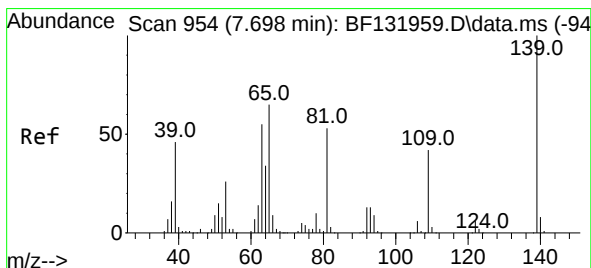
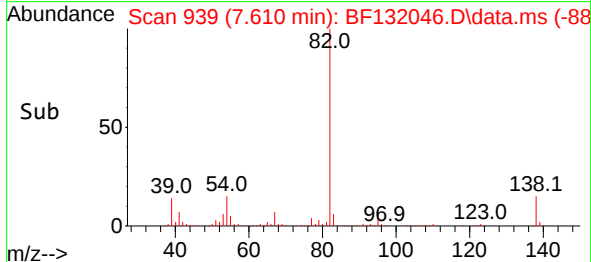
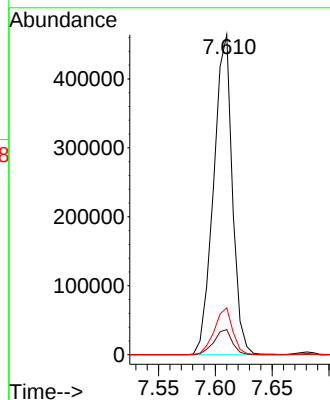
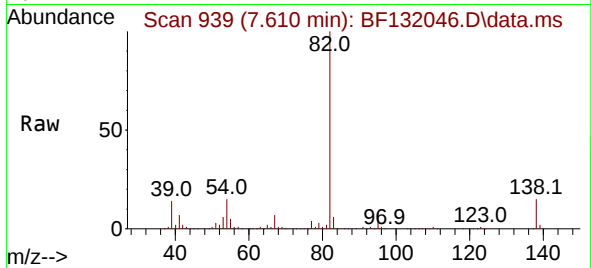




#25
Isophorone
Concen: 40.586 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.000 min
Lab File: BF132046.D
Acq: 12 Jan 2023 17:42

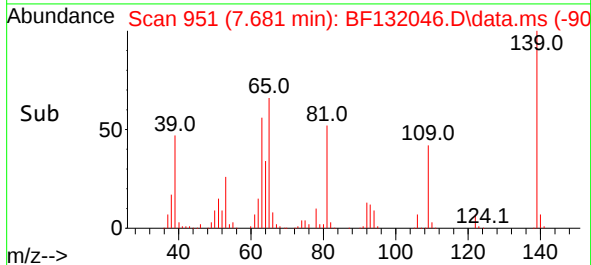
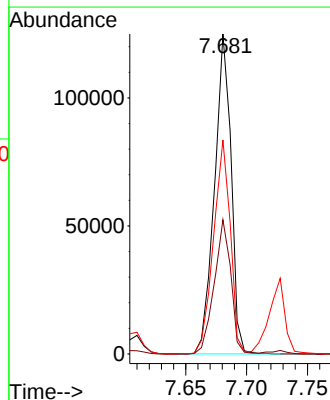
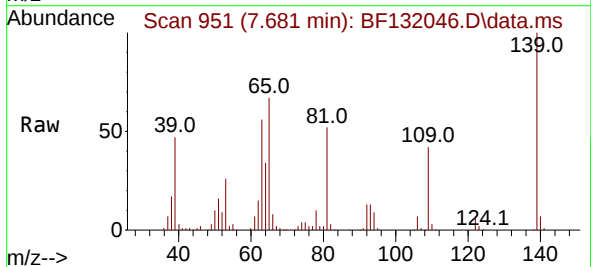
Instrument :
BNA_F
ClientSampleId :
MH-2MSD

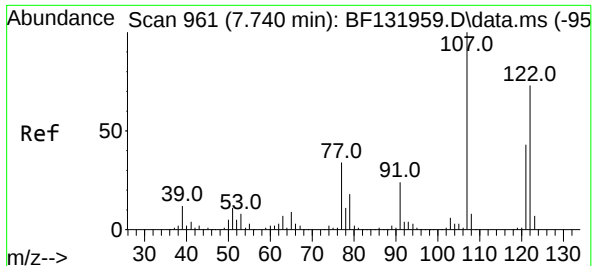
Tgt Ion: 82 Resp: 532125
Ion Ratio Lower Upper
82 100
95 7.9 6.5 9.7
138 14.7 11.9 17.9



#26
2-Nitrophenol
Concen: 42.110 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.000 min
Lab File: BF132046.D
Acq: 12 Jan 2023 17:42

Tgt Ion:139 Resp: 118384
Ion Ratio Lower Upper
139 100
109 42.0 33.9 50.9
65 66.8 51.6 77.4





#27

2,4-Dimethylphenol

Concen: 42.266 ng

RT: 7.728 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF132046.D

Acq: 12 Jan 2023 17:42

Instrument :

BNA_F

ClientSampleId :

MH-2MSD

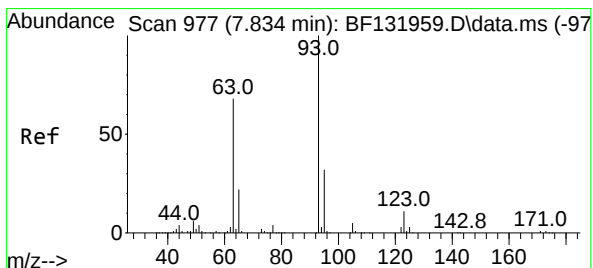
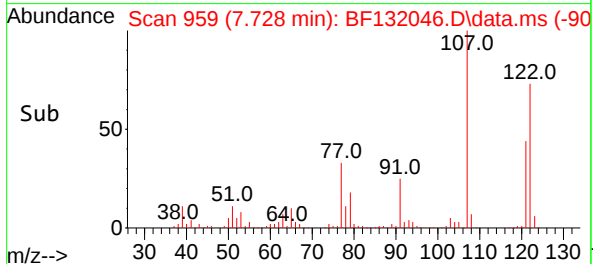
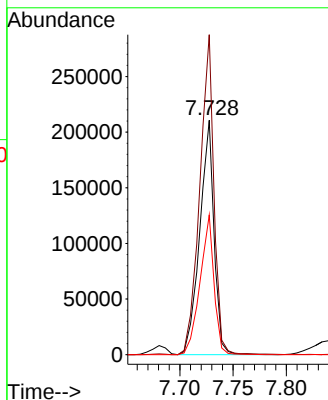
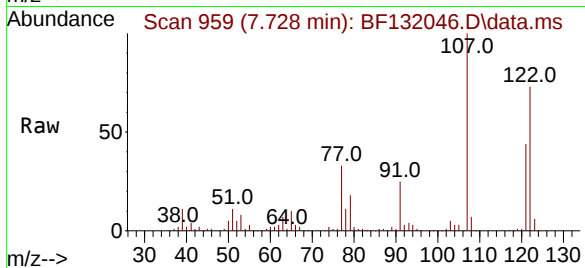
Tgt Ion:122 Resp: 198332

Ion Ratio Lower Upper

122 100

107 136.6 109.4 164.0

121 59.6 47.2 70.8



#28

bis(2-Chloroethoxy)methane

Concen: 40.672 ng

RT: 7.816 min Scan# 974

Delta R.T. -0.000 min

Lab File: BF132046.D

Acq: 12 Jan 2023 17:42

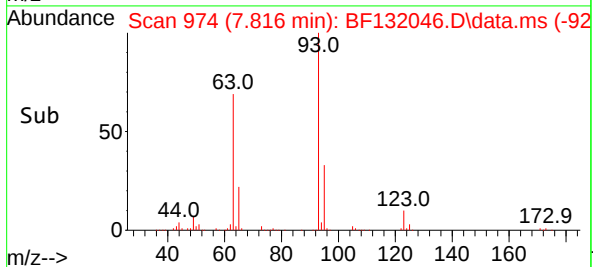
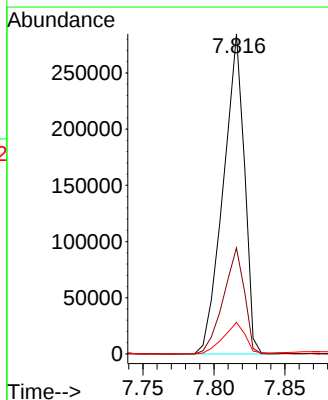
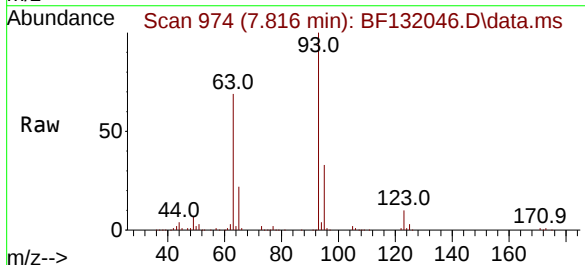
Tgt Ion: 93 Resp: 295130

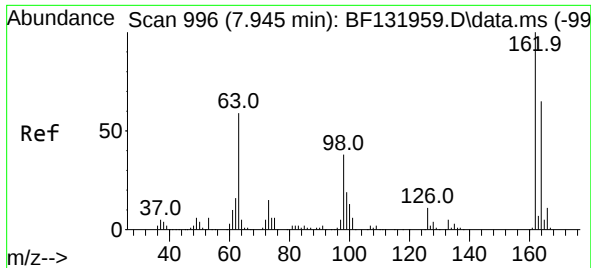
Ion Ratio Lower Upper

93 100

95 33.1 25.8 38.6

123 9.8 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 42.209 ng

RT: 7.933 min Scan# 994

Delta R.T. -0.000 min

Lab File: BF132046.D

Acq: 12 Jan 2023 17:42

Instrument :

BNA_F

ClientSampleId :

MH-2MSD

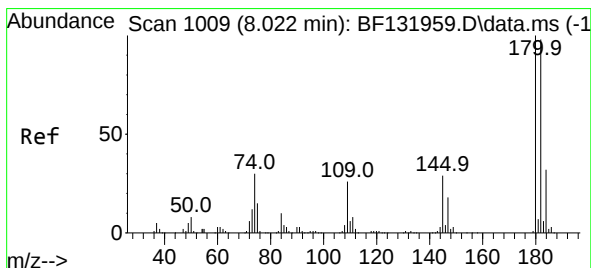
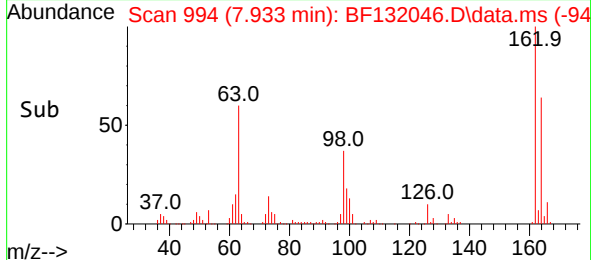
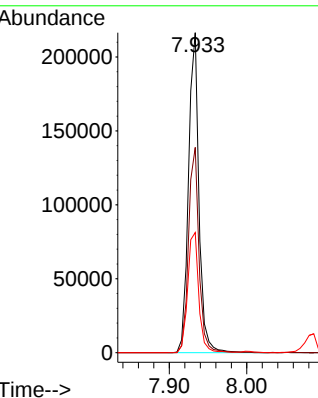
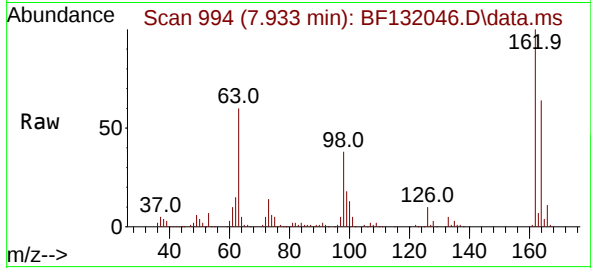
Tgt Ion:162 Resp: 202876

Ion Ratio Lower Upper

162 100

164 64.2 45.2 85.2

98 37.6 17.5 57.5



#30

1,2,4-Trichlorobenzene

Concen: 42.006 ng

RT: 8.004 min Scan# 1006

Delta R.T. -0.000 min

Lab File: BF132046.D

Acq: 12 Jan 2023 17:42

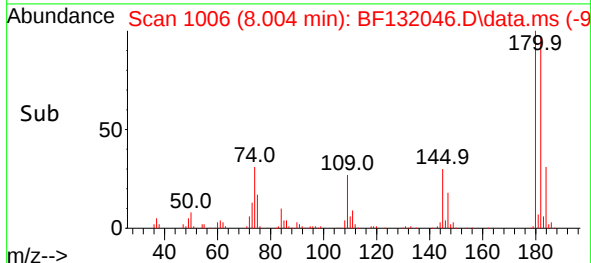
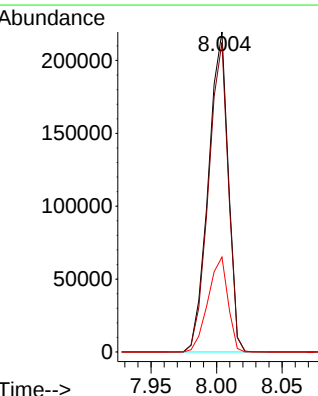
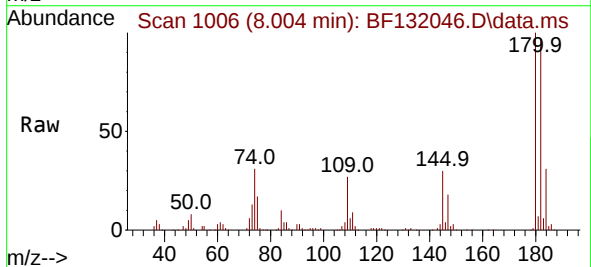
Tgt Ion:180 Resp: 231231

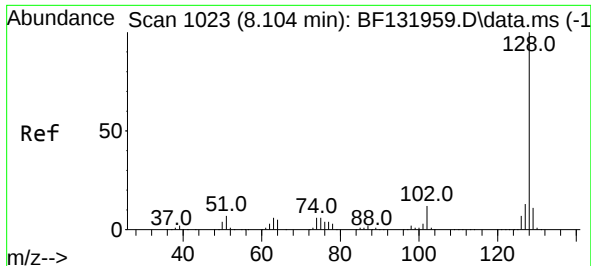
Ion Ratio Lower Upper

180 100

182 96.7 78.4 117.6

145 29.7 23.2 34.8

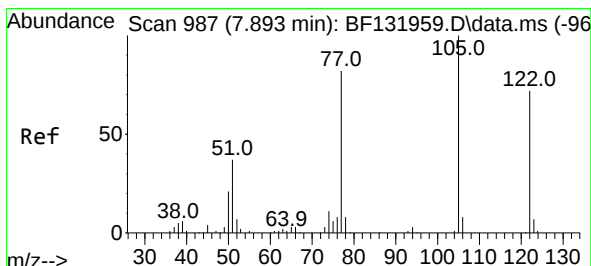
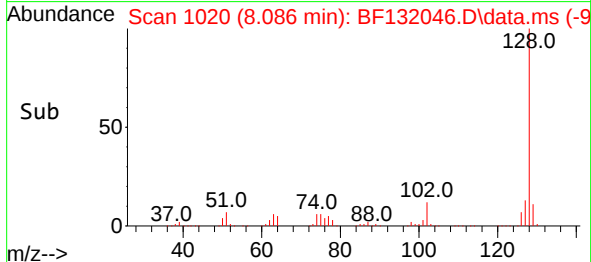
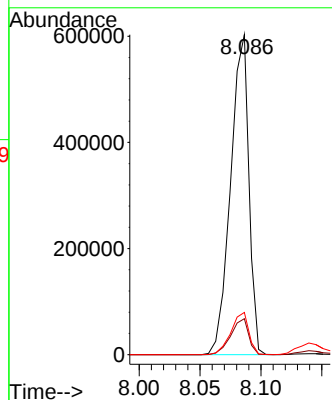
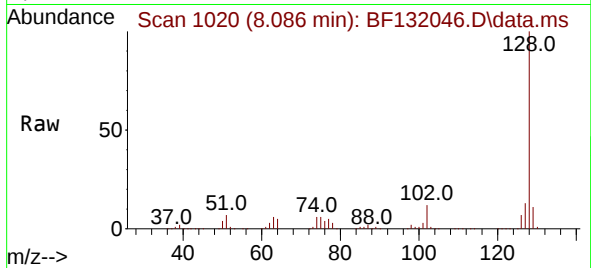




#31
Naphthalene
Concen: 40.812 ng
RT: 8.086 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF132046.D
Acq: 12 Jan 2023 17:42

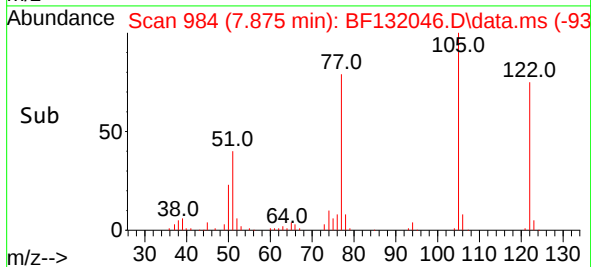
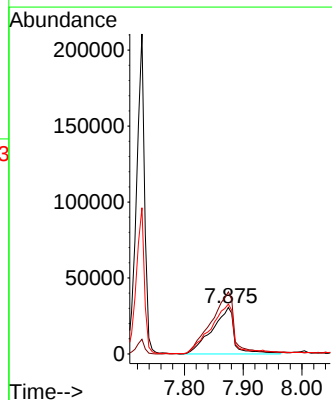
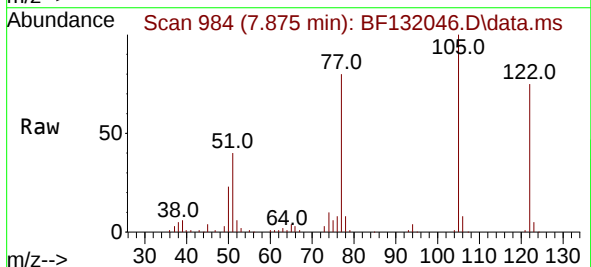
Instrument :
BNA_F
ClientSampleId :
MH-2MSD

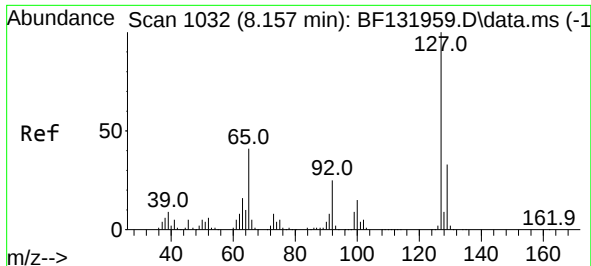
Tgt Ion:128 Resp: 628242
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.2 10.5 15.7



#32
Benzoic acid
Concen: 30.090 ng
RT: 7.875 min Scan# 984
Delta R.T. -0.000 min
Lab File: BF132046.D
Acq: 12 Jan 2023 17:42

Tgt Ion:122 Resp: 81860
Ion Ratio Lower Upper
122 100
105 133.4 116.3 156.3
77 107.2 92.7 132.7

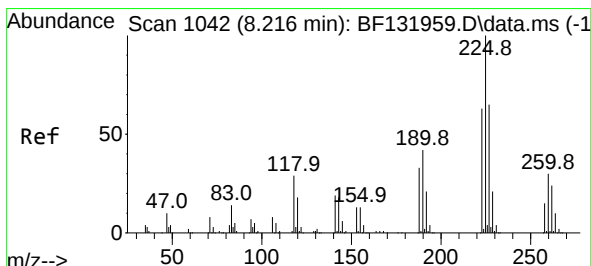
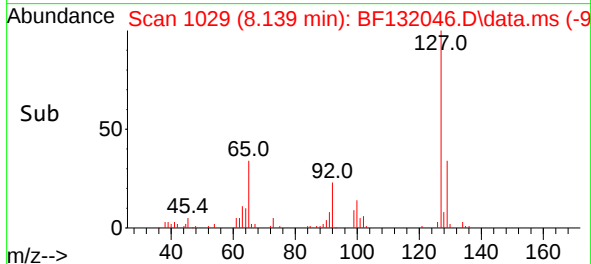
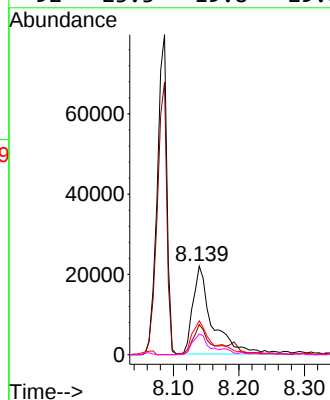
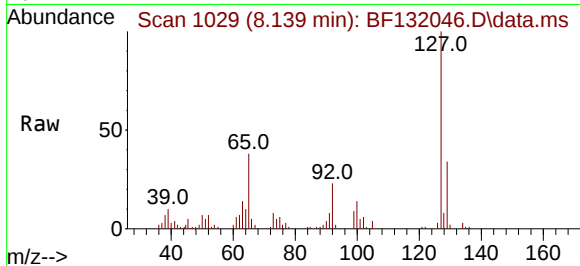




#33
4-Chloroaniline
Concen: 7.160 ng
RT: 8.139 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF132046.D
Acq: 12 Jan 2023 17:42

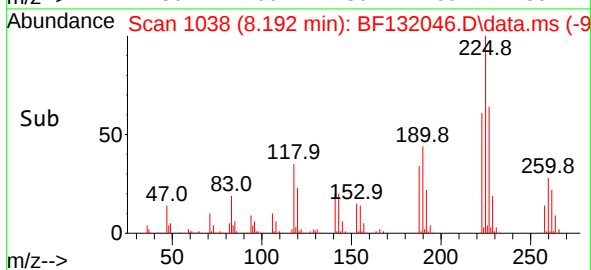
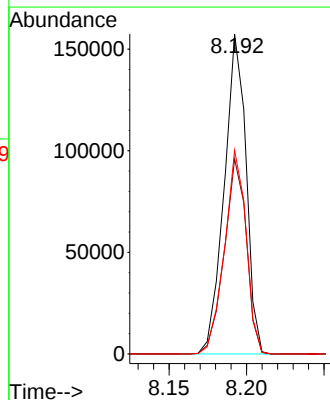
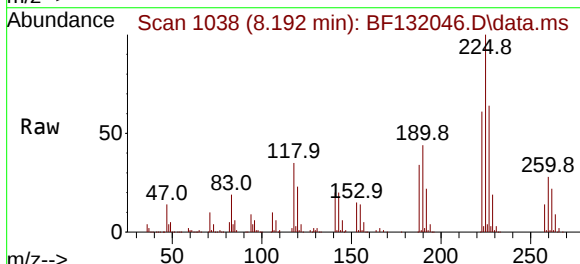
Instrument :
BNA_F
ClientSampleId :
MH-2MSD

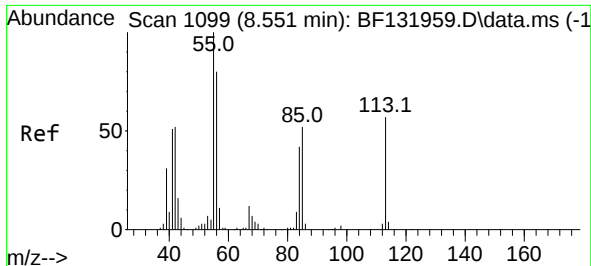
Tgt Ion:127	Resp:	45481
Ion Ratio	Lower	Upper
127	100	
129	34.1	26.5 39.7
65	38.3	33.1 49.7
92	23.3	19.8 29.8



#34
Hexachlorobutadiene
Concen: 40.370 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF132046.D
Acq: 12 Jan 2023 17:42

Tgt Ion:225	Resp:	154074
Ion Ratio	Lower	Upper
225	100	
223	60.9	50.6 75.8
227	63.7	51.6 77.4

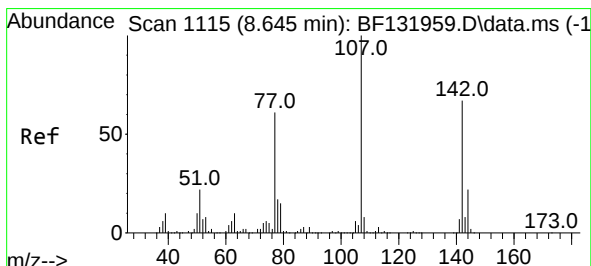
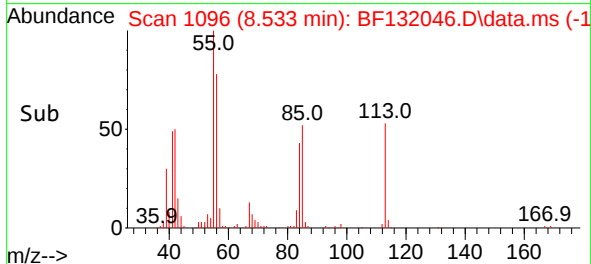
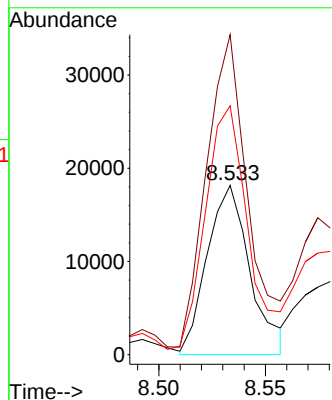
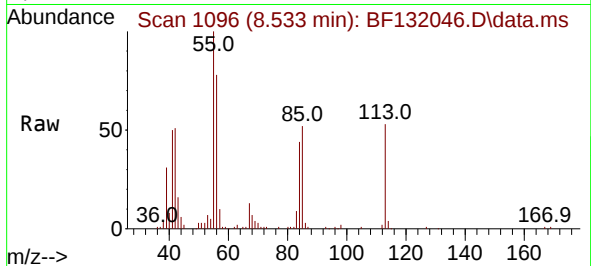




#35
Caprolactam
Concen: 17.997 ng
RT: 8.533 min Scan# 1096
Delta R.T. 0.006 min
Lab File: BF132046.D
Acq: 12 Jan 2023 17:42

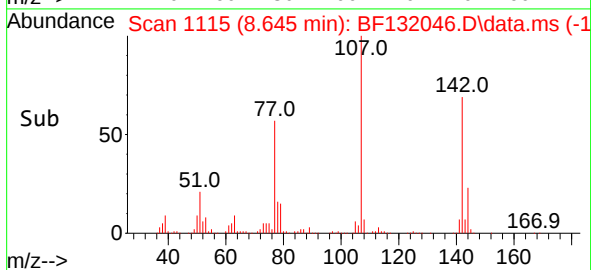
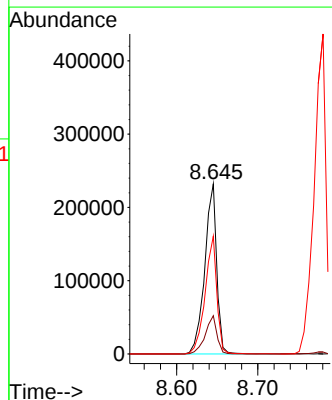
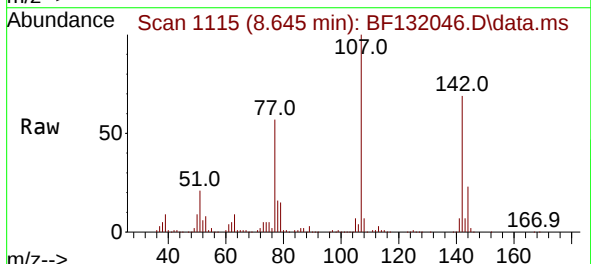
Instrument :
BNA_F
ClientSampleId :
MH-2MSD

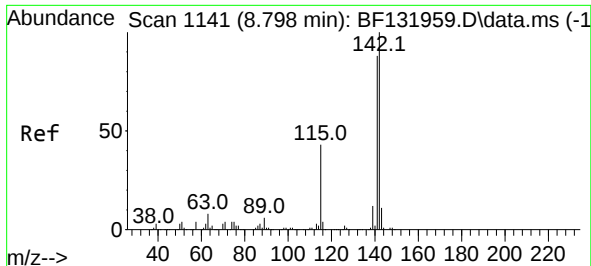
Tgt Ion:113 Resp: 25406
Ion Ratio Lower Upper
113 100
55 189.0 154.4 194.4
56 147.0 119.6 159.6



#36
4-Chloro-3-methylphenol
Concen: 42.226 ng
RT: 8.645 min Scan# 1115
Delta R.T. 0.012 min
Lab File: BF132046.D
Acq: 12 Jan 2023 17:42

Tgt Ion:107 Resp: 238206
Ion Ratio Lower Upper
107 100
144 22.5 17.4 26.2
142 69.2 53.7 80.5





#37

2-Methylnaphthalene

Concen: 40.184 ng

RT: 8.780 min Scan# 1141

Delta R.T. -0.000 min

Lab File: BF132046.D

Acq: 12 Jan 2023 17:42

Instrument :

BNA_F

ClientSampleId :

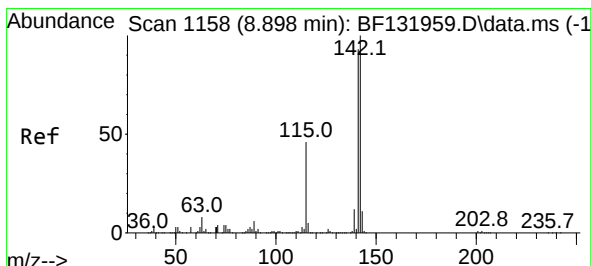
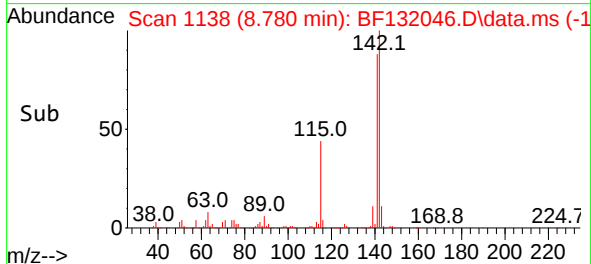
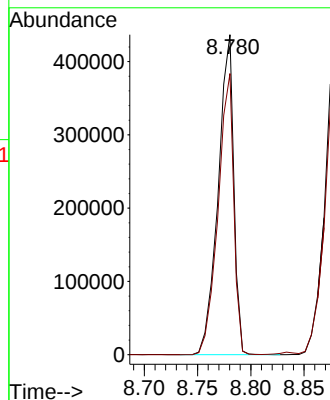
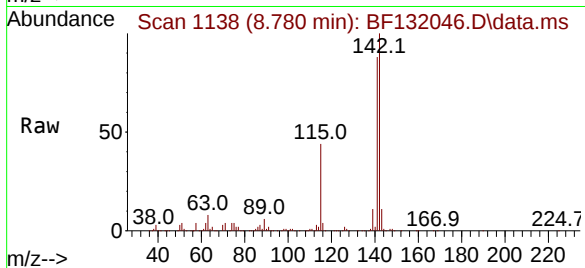
MH-2MSD

Tgt Ion:142 Resp: 444257

Ion Ratio Lower Upper

142 100

141 87.8 70.6 106.0



#38

1-Methylnaphthalene

Concen: 39.889 ng

RT: 8.880 min Scan# 1155

Delta R.T. -0.000 min

Lab File: BF132046.D

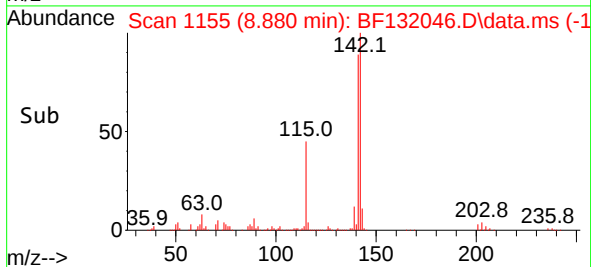
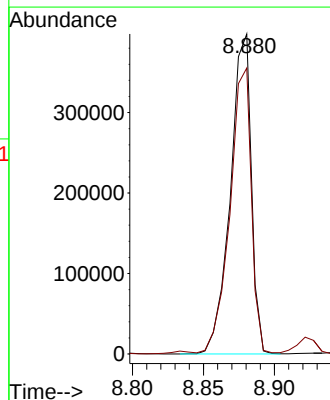
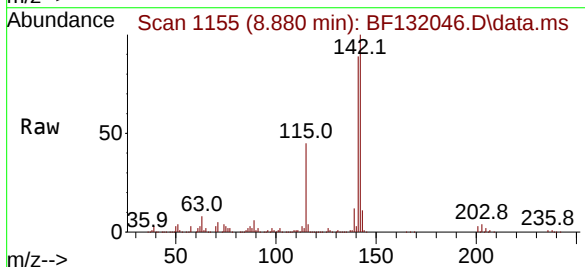
Acq: 12 Jan 2023 17:42

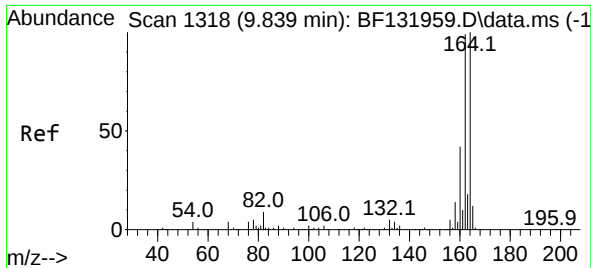
Tgt Ion:142 Resp: 408568

Ion Ratio Lower Upper

142 100

141 89.3 74.3 111.5

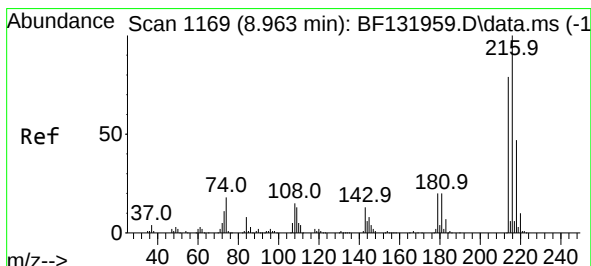
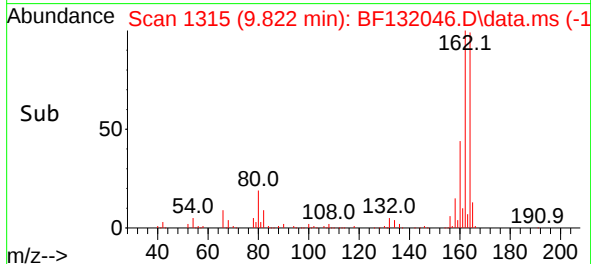
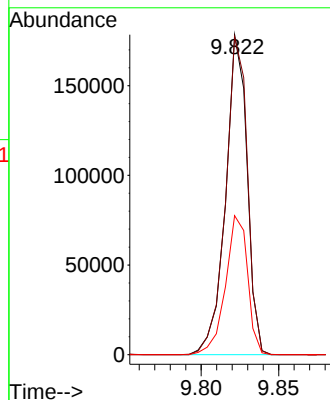
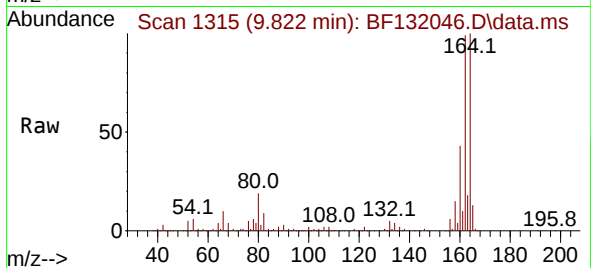




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF132046.D
Acq: 12 Jan 2023 17:42

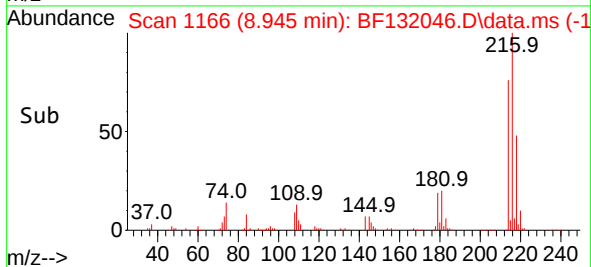
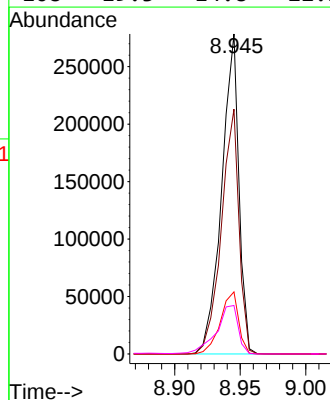
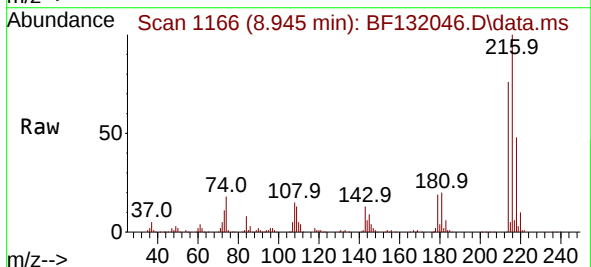
Instrument :
BNA_F
ClientSampleId :
MH-2MSD

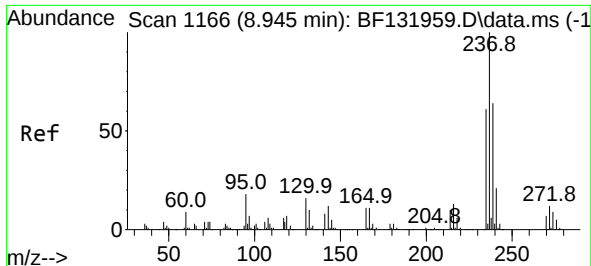
Tgt Ion:164 Resp: 172159
Ion Ratio Lower Upper
164 100
162 99.4 79.4 119.0
160 43.5 33.9 50.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.868 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BF132046.D
Acq: 12 Jan 2023 17:42

Tgt Ion:216 Resp: 253991
Ion Ratio Lower Upper
216 100
214 78.0 63.9 95.9
179 20.5 16.4 24.6
108 19.3 14.8 22.2

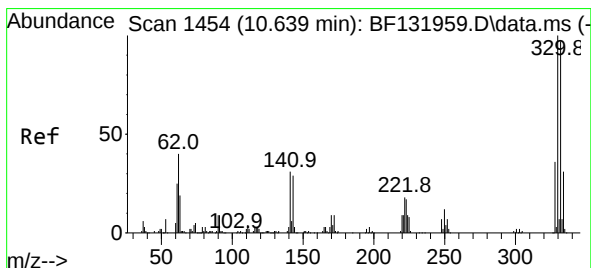
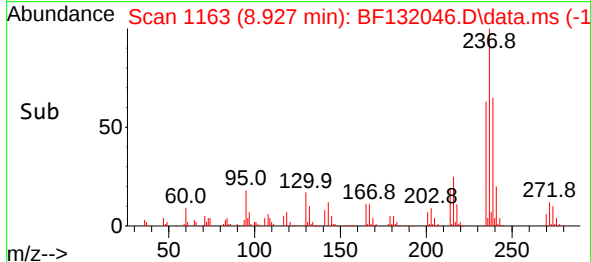
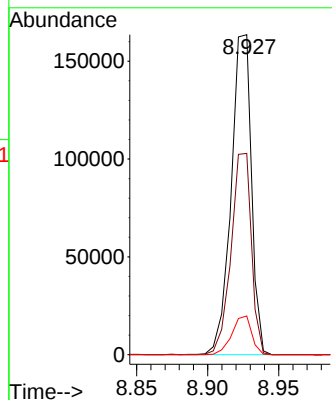
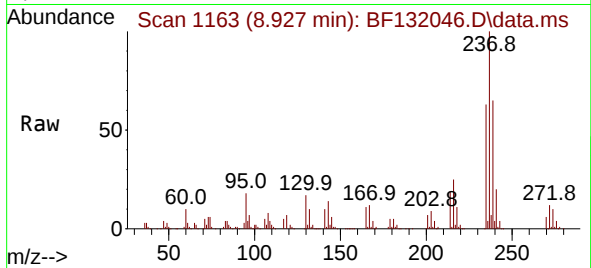




#41
Hexachlorocyclopentadiene
Concen: 56.578 ng
RT: 8.927 min Scan# 1163
Delta R.T. -0.000 min
Lab File: BF132046.D
Acq: 12 Jan 2023 17:42

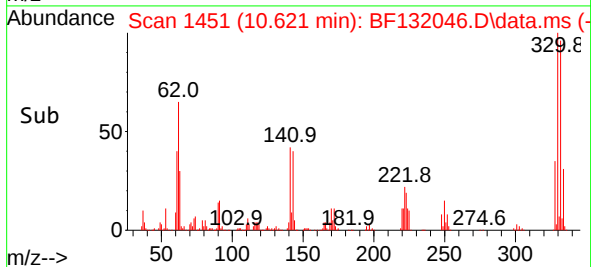
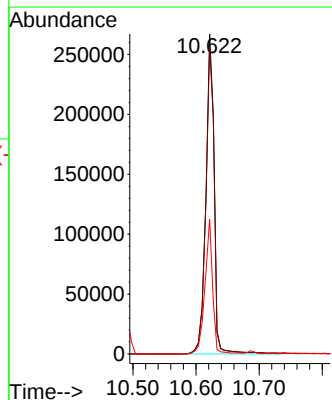
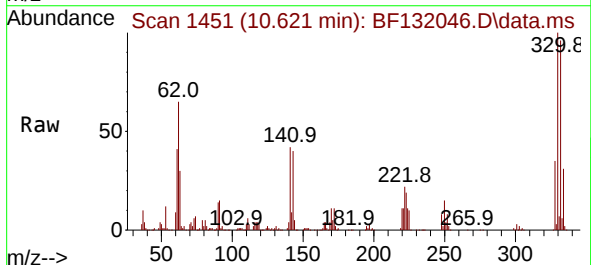
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BNA_F
ClientSampleId :
MH-2MSD

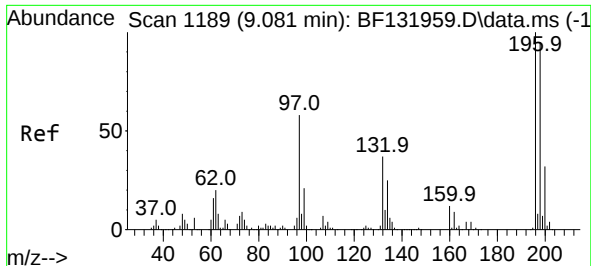
Tgt Ion:237 Resp: 162860
Ion Ratio Lower Upper
237 100
235 62.9 41.2 81.2
272 12.1 0.0 31.7



#42
2,4,6-Tribromophenol
Concen: 123.744 ng
RT: 10.621 min Scan# 1451
Delta R.T. -0.000 min
Lab File: BF132046.D
Acq: 12 Jan 2023 17:42

Tgt Ion:330 Resp: 244945
Ion Ratio Lower Upper
330 100
332 97.3 76.9 115.3
141 39.3 31.3 46.9





#43

2,4,6-Trichlorophenol

Concen: 42.557 ng

RT: 9.069 min Scan# 1189

Delta R.T. 0.006 min

Lab File: BF132046.D

Acq: 12 Jan 2023 17:42

Instrument :

BNA_F

ClientSampleId :

MH-2MSD

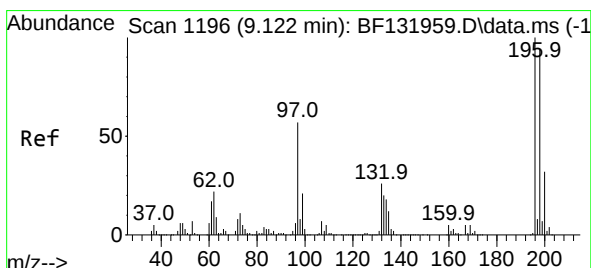
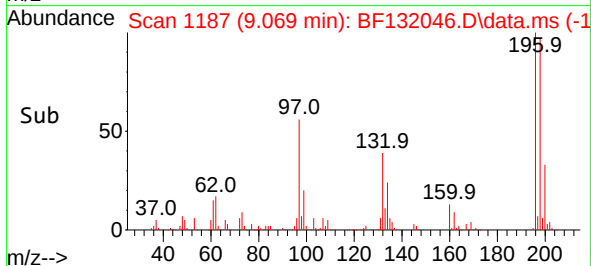
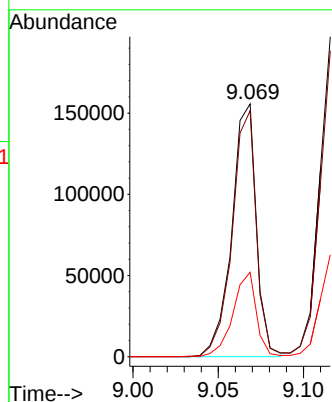
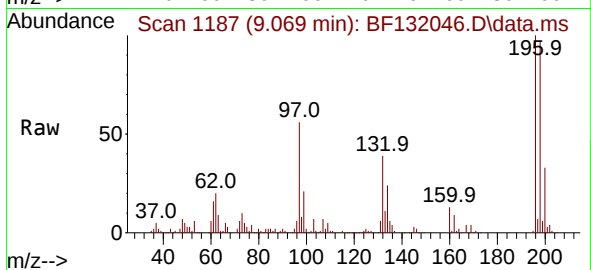
Tgt Ion:196 Resp: 155401

Ion Ratio Lower Upper

196 100

198 97.3 76.3 114.5

200 33.3 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 39.304 ng

RT: 9.116 min Scan# 1195

Delta R.T. 0.006 min

Lab File: BF132046.D

Acq: 12 Jan 2023 17:42

Tgt Ion:196 Resp: 167086

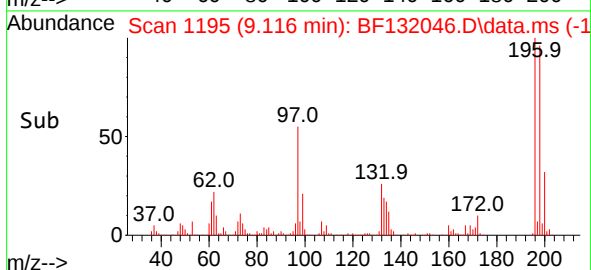
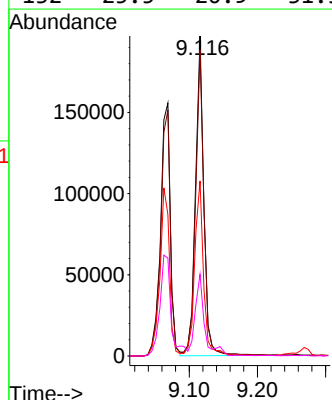
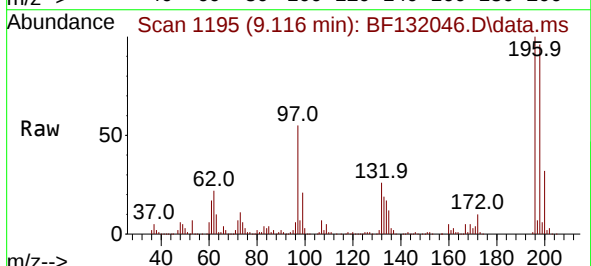
Ion Ratio Lower Upper

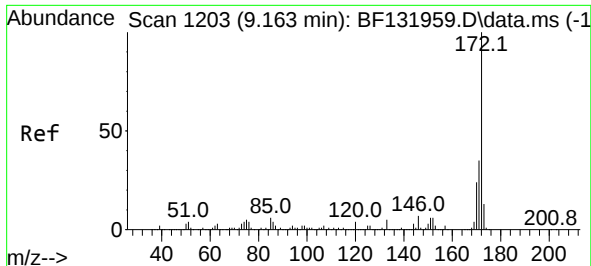
196 100

198 95.6 75.3 112.9

97 54.7 45.6 68.4

132 25.5 20.9 31.3





#45

2-Fluorobiphenyl

Concen: 82.452 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.000 min

Lab File: BF132046.D

Acq: 12 Jan 2023 17:42

Instrument :

BNA_F

ClientSampleId :

MH-2MSD

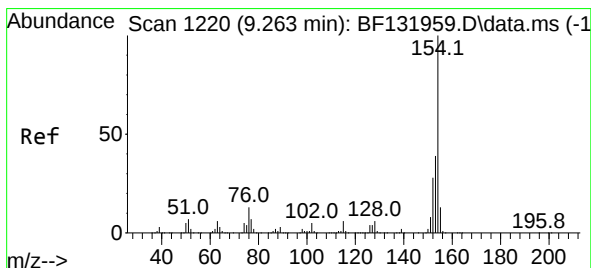
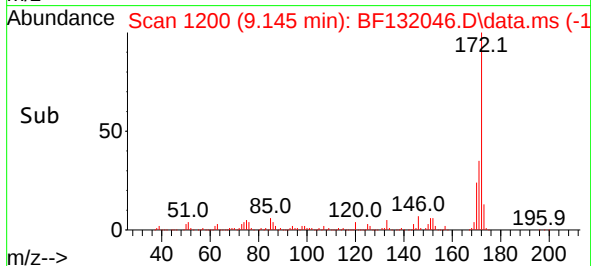
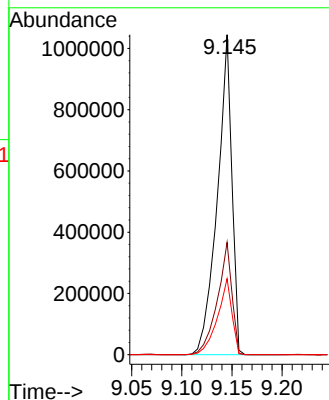
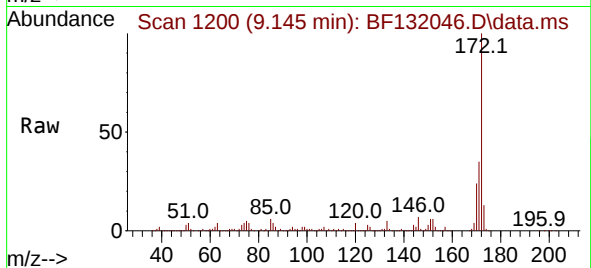
Tgt Ion:172 Resp: 1051496

Ion Ratio Lower Upper

172 100

171 35.1 28.0 42.0

170 23.8 18.9 28.3



#46

1,1'-Biphenyl

Concen: 42.439 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.000 min

Lab File: BF132046.D

Acq: 12 Jan 2023 17:42

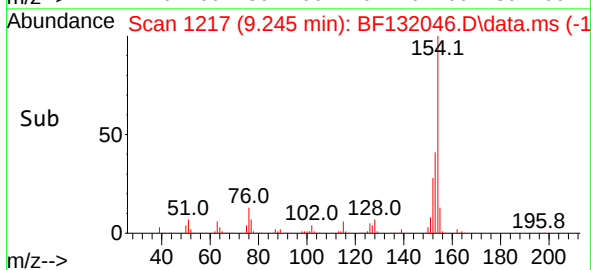
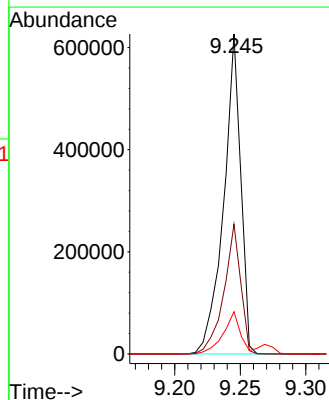
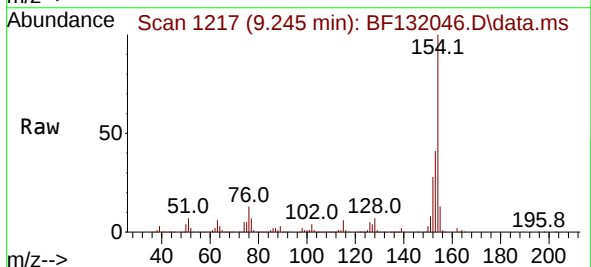
Tgt Ion:154 Resp: 563931

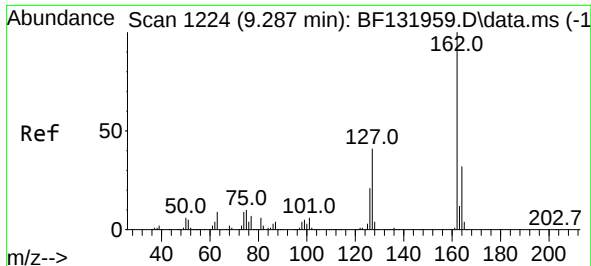
Ion Ratio Lower Upper

154 100

153 40.6 18.9 58.9

76 13.2 0.0 33.2

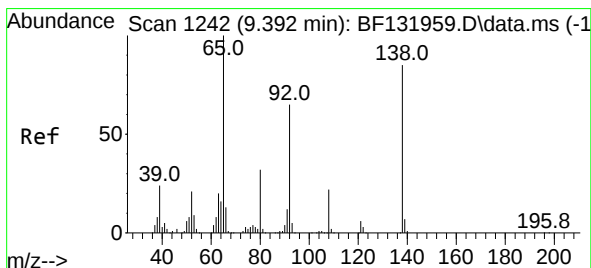
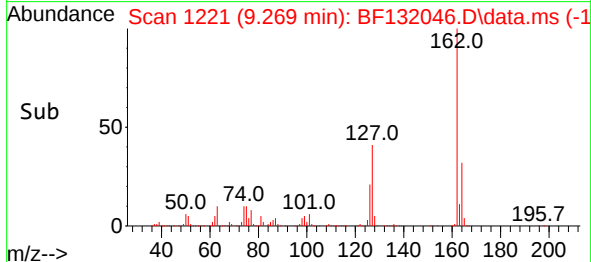
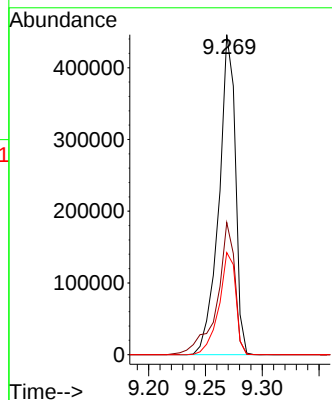
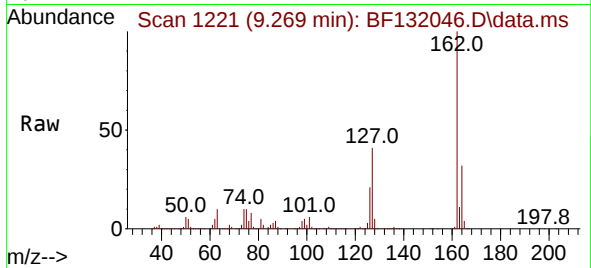




#47
2-Chloronaphthalene
Concen: 43.751 ng
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132046.D
Acq: 12 Jan 2023 17:42

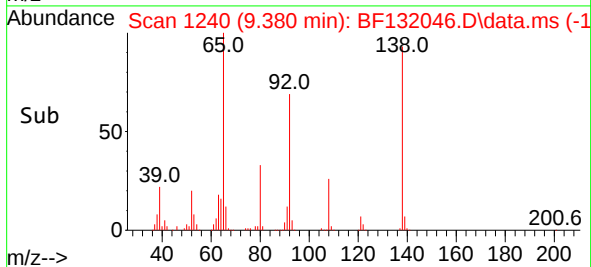
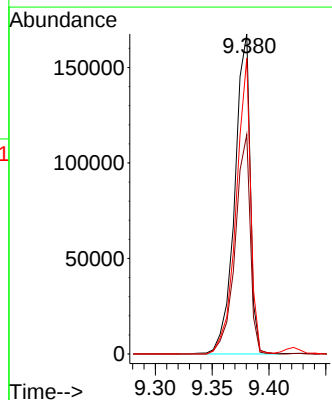
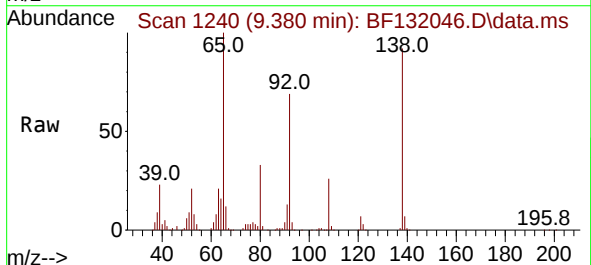
Instrument :
BNA_F
ClientSampleId :
MH-2MSD

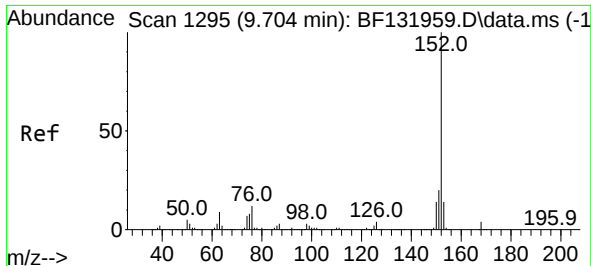
Tgt Ion:162 Resp: 451222
Ion Ratio Lower Upper
162 100
127 41.3 33.0 49.4
164 31.9 25.8 38.8



#48
2-Nitroaniline
Concen: 42.322 ng
RT: 9.380 min Scan# 1240
Delta R.T. -0.000 min
Lab File: BF132046.D
Acq: 12 Jan 2023 17:42

Tgt Ion: 65 Resp: 158537
Ion Ratio Lower Upper
65 100
92 68.6 52.2 78.2
138 92.4 67.8 101.8

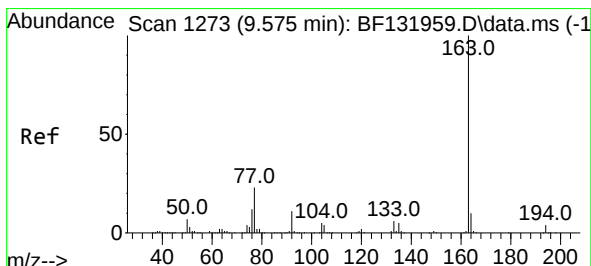
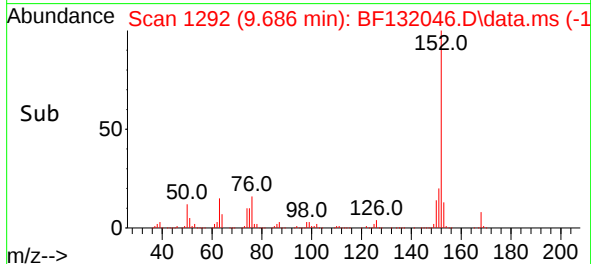
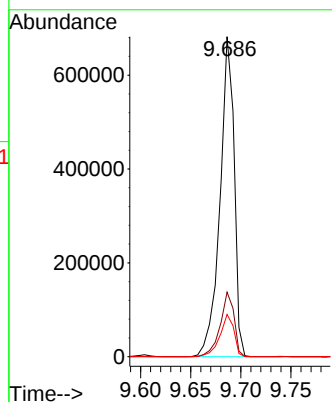
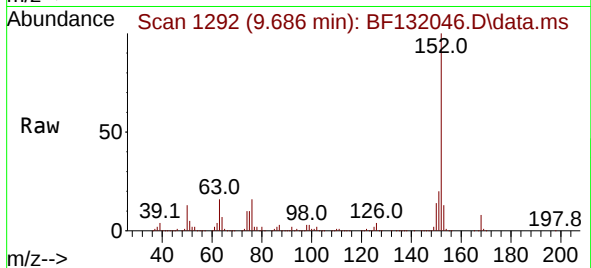




#49
Acenaphthylene
Concen: 41.810 ng
RT: 9.686 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132046.D
Acq: 12 Jan 2023 17:42

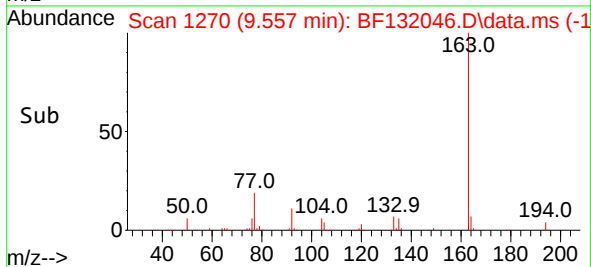
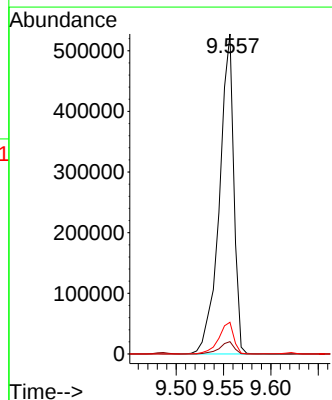
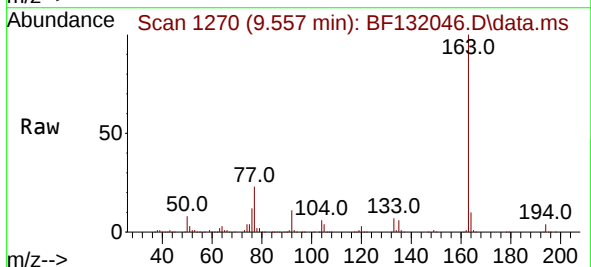
Instrument :
BNA_F
ClientSampleId :
MH-2MSD

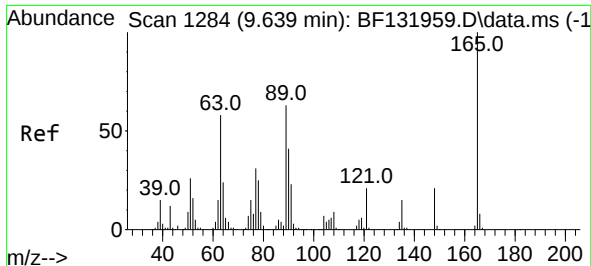
Tgt Ion:152 Resp: 669128
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 13.2 10.8 16.2



#50
Dimethylphthalate
Concen: 41.810 ng
RT: 9.557 min Scan# 1270
Delta R.T. 0.006 min
Lab File: BF132046.D
Acq: 12 Jan 2023 17:42

Tgt Ion:163 Resp: 561070
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 9.9 7.8 11.6

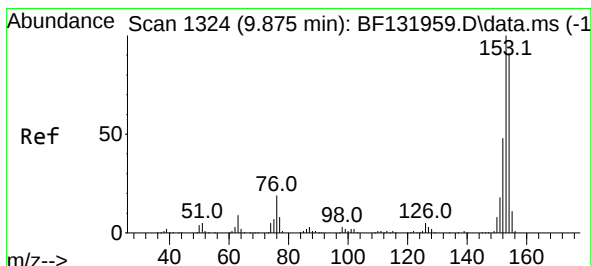
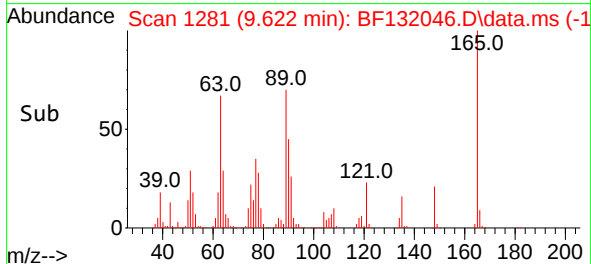
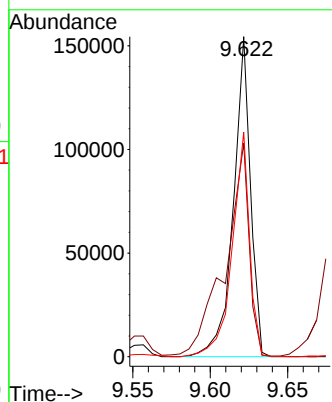
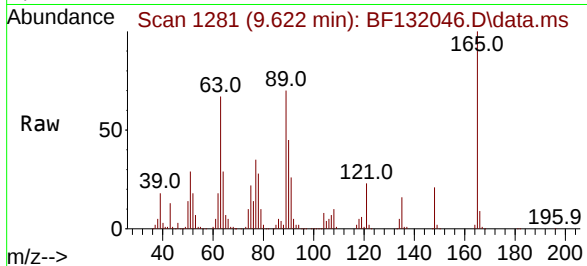




#51
2,6-Dinitrotoluene
Concen: 42.033 ng
RT: 9.622 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132046.D
Acq: 12 Jan 2023 17:42

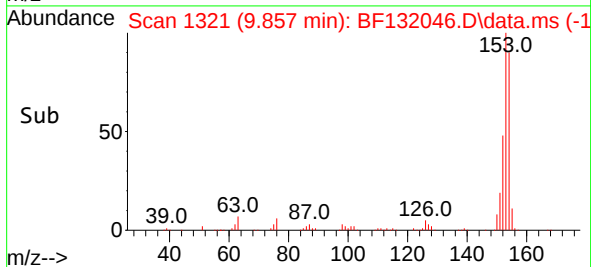
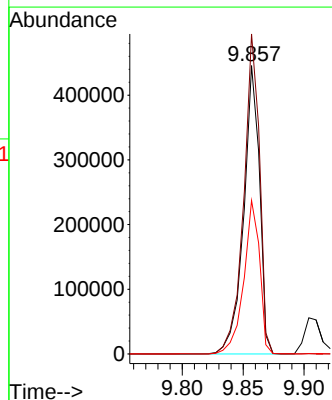
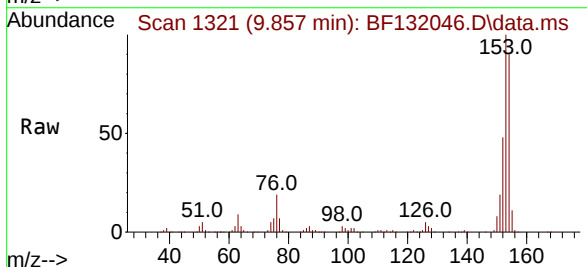
Instrument :
BNA_F
ClientSampleId :
MH-2MSD

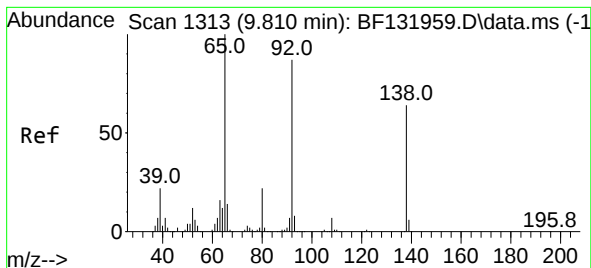
Tgt Ion:165 Resp: 118635
Ion Ratio Lower Upper
165 100
63 66.7 47.4 71.0
89 70.2 50.2 75.2



#52
Acenaphthene
Concen: 42.046 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.000 min
Lab File: BF132046.D
Acq: 12 Jan 2023 17:42

Tgt Ion:154 Resp: 403927
Ion Ratio Lower Upper
154 100
153 111.0 87.7 131.5
152 53.2 42.2 63.2





#53

3-Nitroaniline

Concen: 16.331 ng

RT: 9.792 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF132046.D

Acq: 12 Jan 2023 17:42

Instrument :

BNA_F

ClientSampleId :

MH-2MSD

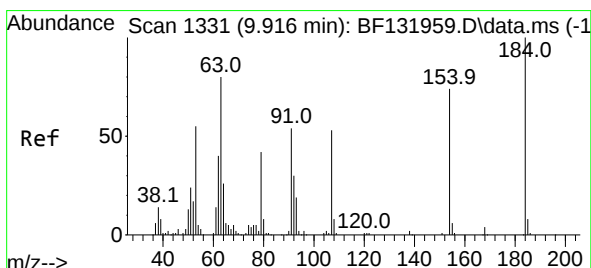
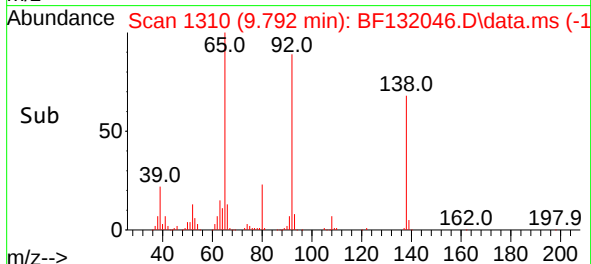
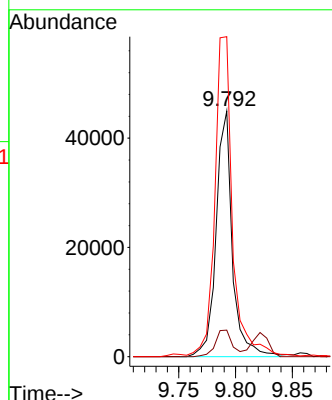
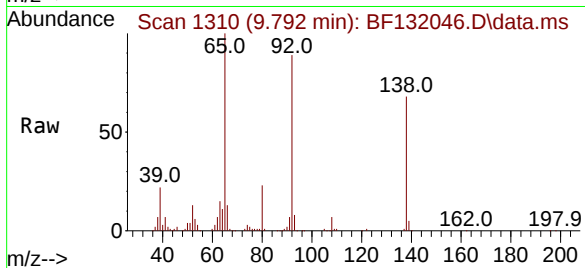
Tgt Ion:138 Resp: 44720

Ion Ratio Lower Upper

138 100

108 10.8 8.8 13.2

92 130.3 108.1 162.1



#54

2,4-Dinitrophenol

Concen: 55.952 ng

RT: 9.904 min Scan# 1329

Delta R.T. -0.000 min

Lab File: BF132046.D

Acq: 12 Jan 2023 17:42

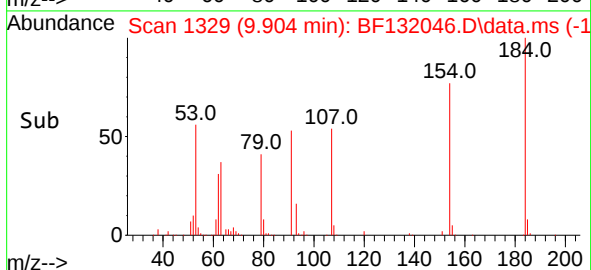
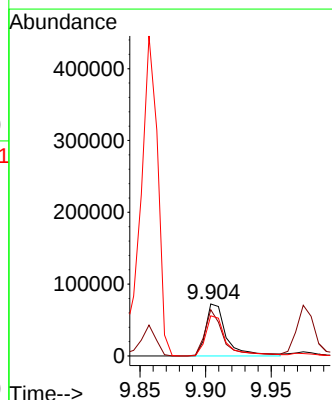
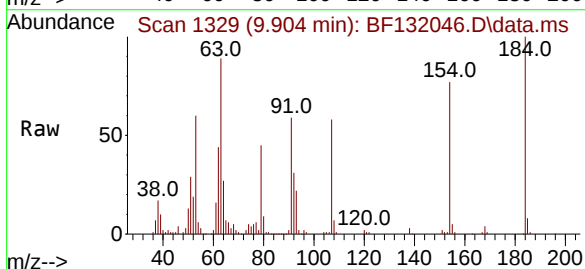
Tgt Ion:184 Resp: 79292

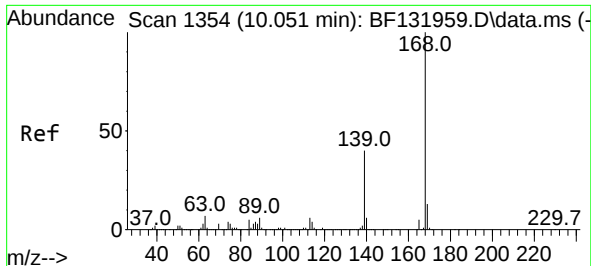
Ion Ratio Lower Upper

184 100

63 89.1 63.7 95.5

154 77.3 60.1 90.1

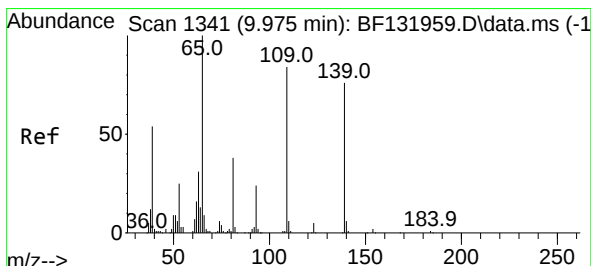
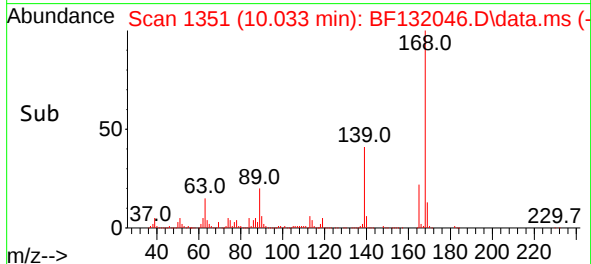
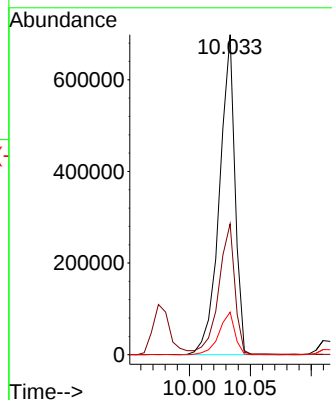
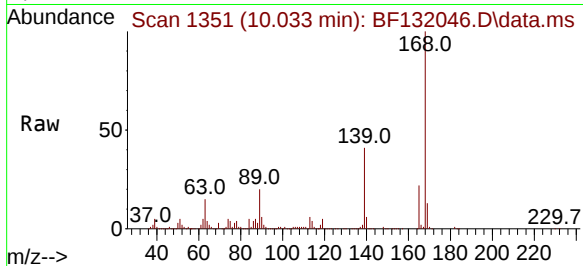




#55
Dibenzenofuran
Concen: 40.977 ng
RT: 10.033 min Scan# 1351
Delta R.T. -0.000 min
Lab File: BF132046.D
Acq: 12 Jan 2023 17:42

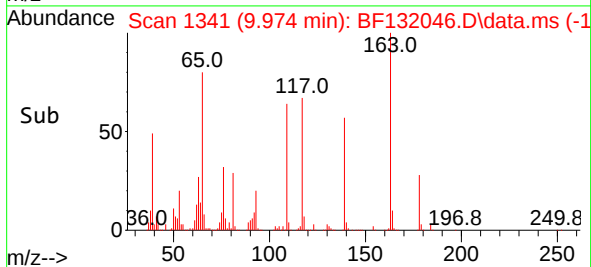
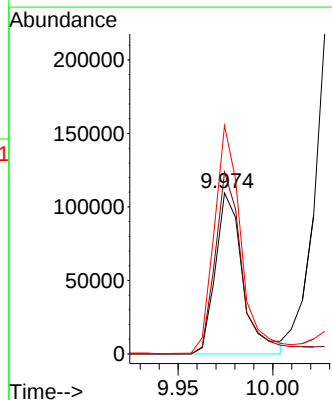
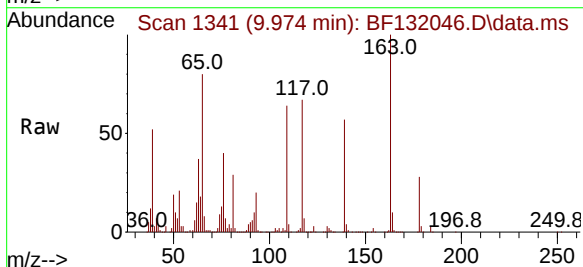
Instrument :
BNA_F
ClientSampleId :
MH-2MSD

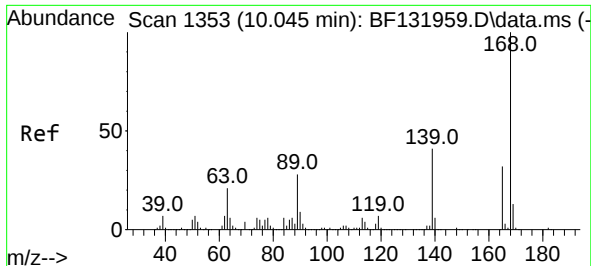
Tgt Ion:168 Resp: 620520
Ion Ratio Lower Upper
168 100
139 40.9 32.4 48.6
169 13.3 10.7 16.1



#56
4-Nitrophenol
Concen: 71.627 ng
RT: 9.974 min Scan# 1341
Delta R.T. 0.006 min
Lab File: BF132046.D
Acq: 12 Jan 2023 17:42

Tgt Ion:139 Resp: 110476
Ion Ratio Lower Upper
139 100
109 113.0 90.5 130.5
65 141.8 112.6 152.6

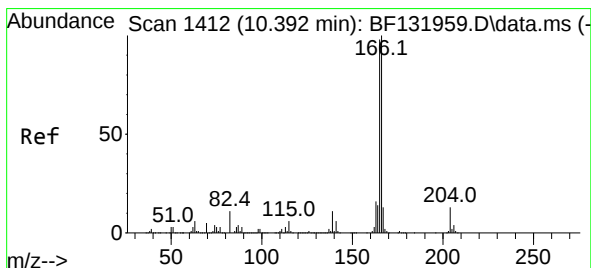
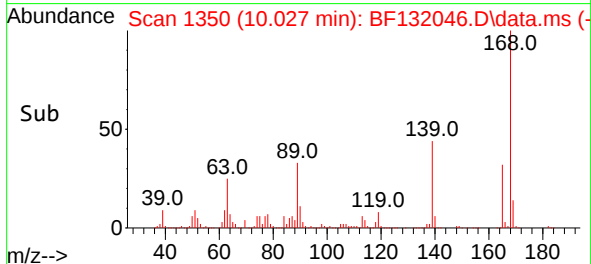
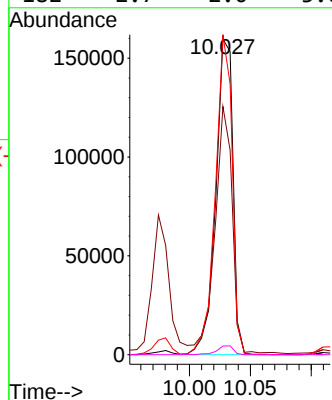
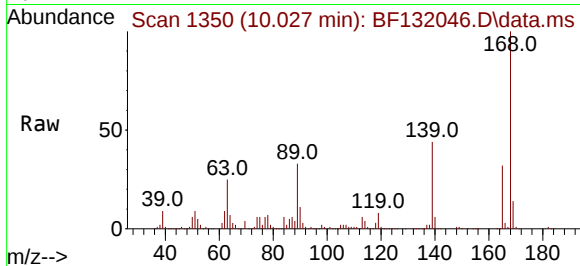




#57
2,4-Dinitrotoluene
Concen: 41.485 ng
RT: 10.027 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132046.D
Acq: 12 Jan 2023 17:42

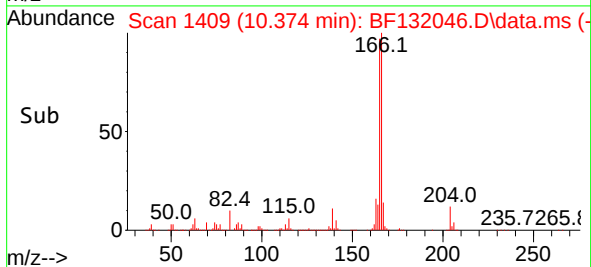
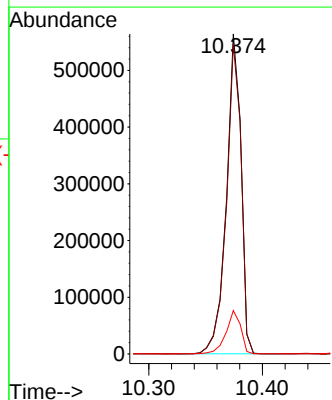
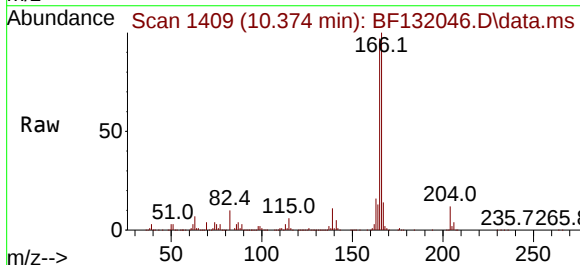
Instrument :
BNA_F
ClientSampleId :
MH-2MSD

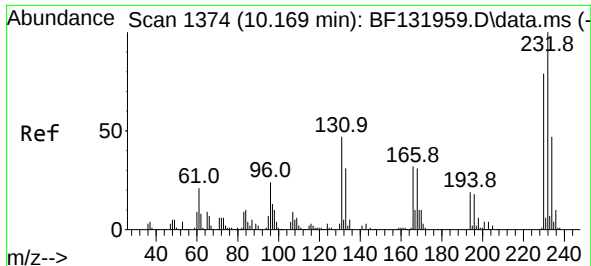
Tgt Ion:165 Resp: 156547
Ion Ratio Lower Upper
165 100
63 78.6 53.2 79.8
89 101.4 71.2 106.8
182 2.7 2.0 3.0



#58
Fluorene
Concen: 41.836 ng
RT: 10.374 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BF132046.D
Acq: 12 Jan 2023 17:42

Tgt Ion:166 Resp: 506085
Ion Ratio Lower Upper
166 100
165 96.9 78.3 117.5
167 13.6 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 39.216 ng

RT: 10.116 min Scan# 11

Delta R.T. -0.041 min

Lab File: BF132046.D

Acq: 12 Jan 2023 17:42

Instrument :

BNA_F

ClientSampleId :

MH-2MSD

Tgt Ion:232 Resp: 124221

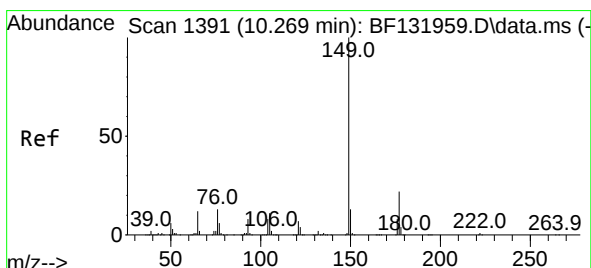
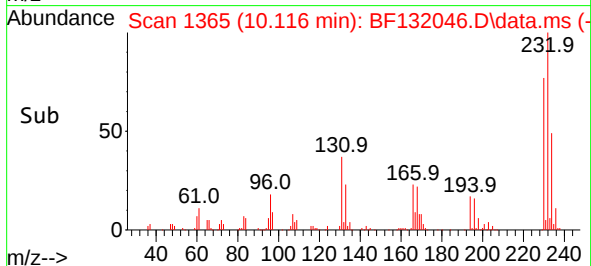
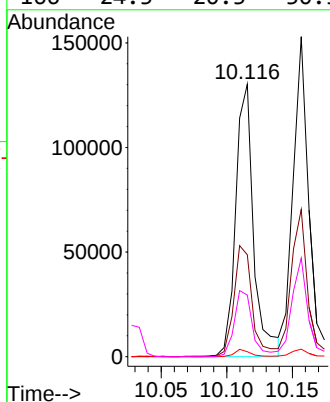
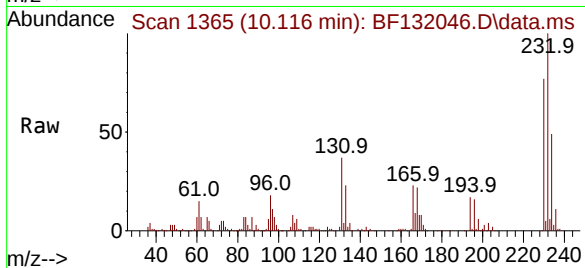
Ion Ratio Lower Upper

232 100

131 41.3 33.0 49.4

130 2.4 1.8 2.8

166 24.3 20.3 30.5



#60

Diethylphthalate

Concen: 41.148 ng

RT: 10.257 min Scan# 1389

Delta R.T. 0.006 min

Lab File: BF132046.D

Acq: 12 Jan 2023 17:42

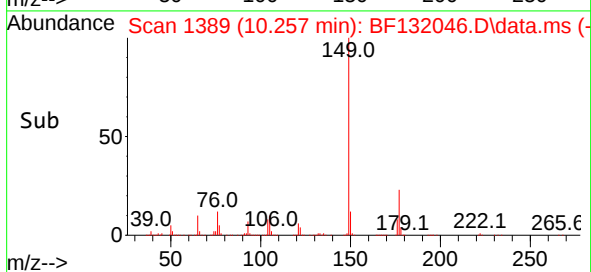
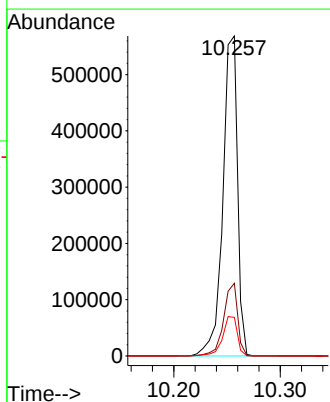
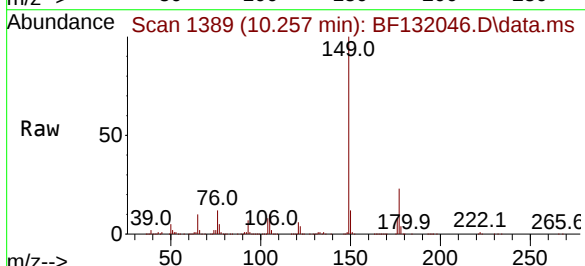
Tgt Ion:149 Resp: 542980

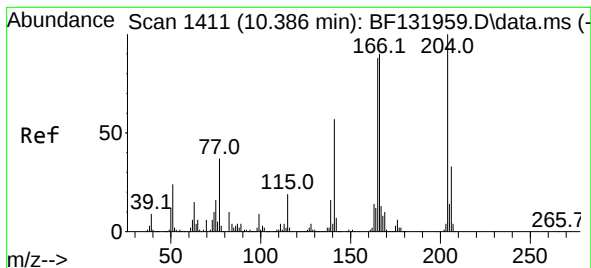
Ion Ratio Lower Upper

149 100

177 22.7 17.7 26.5

150 12.0 10.2 15.2

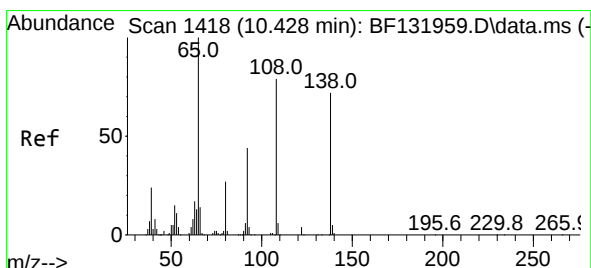
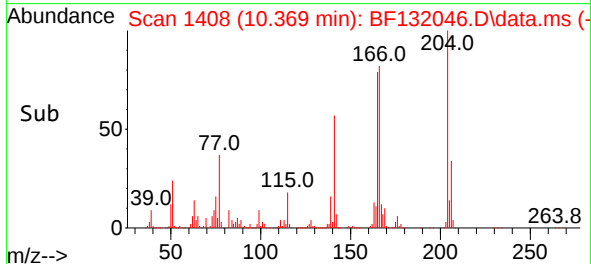
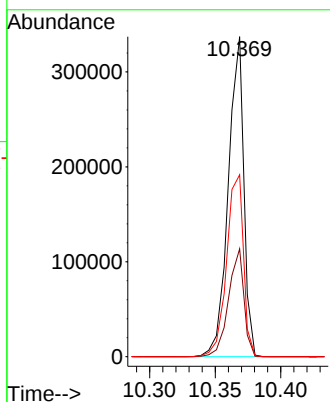
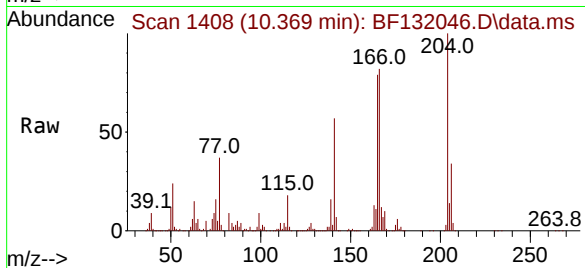




#61
4-Chlorophenyl-phenylether
Concen: 40.218 ng
RT: 10.369 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF132046.D
Acq: 12 Jan 2023 17:42

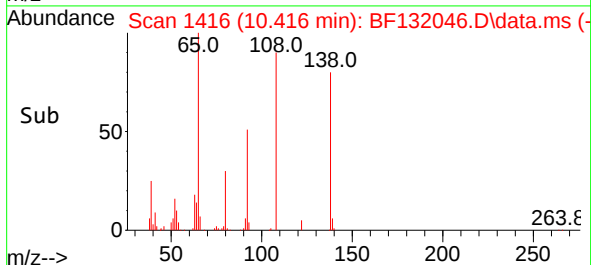
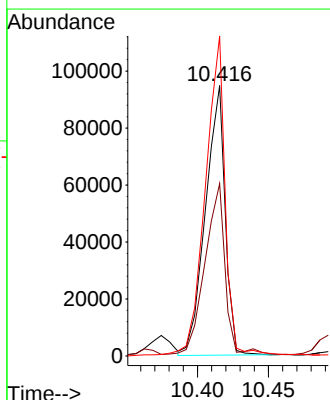
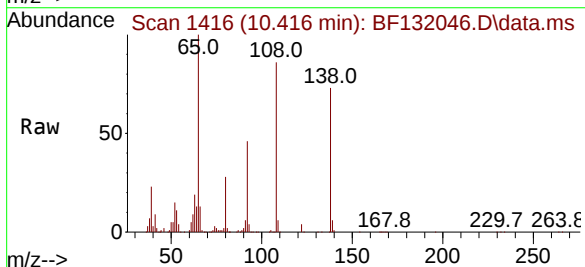
Instrument :
BNA_F
ClientSampleId :
MH-2MSD

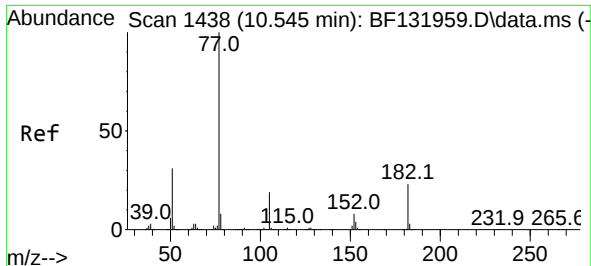
Tgt Ion:204 Resp: 278507
Ion Ratio Lower Upper
204 100
206 33.7 26.3 39.5
141 56.8 45.6 68.4



#62
4-Nitroaniline
Concen: 37.093 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF132046.D
Acq: 12 Jan 2023 17:42

Tgt Ion:138 Resp: 91332
Ion Ratio Lower Upper
138 100
92 63.8 41.3 81.3
108 118.4 89.8 129.8

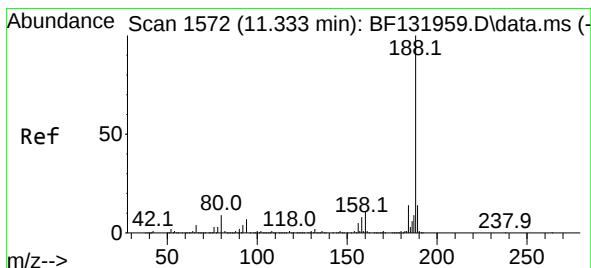
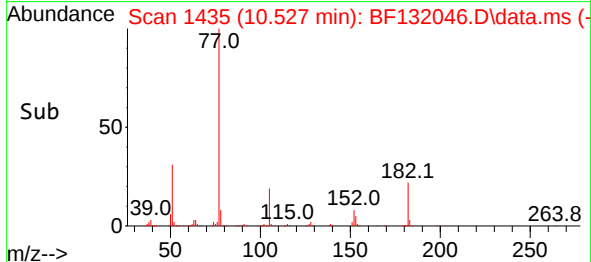
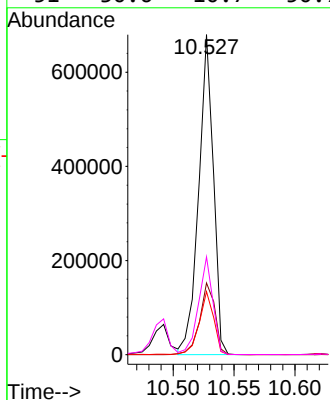
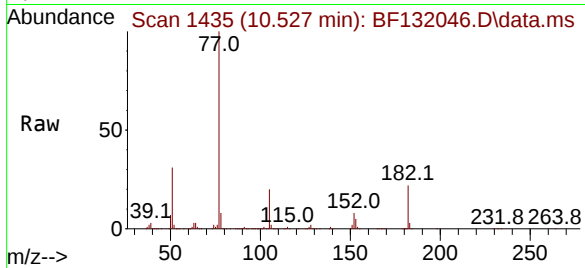




#63
Azobenzene
Concen: 40.885 ng
RT: 10.527 min Scan# 1435
Delta R.T. -0.000 min
Lab File: BF132046.D
Acq: 12 Jan 2023 17:42

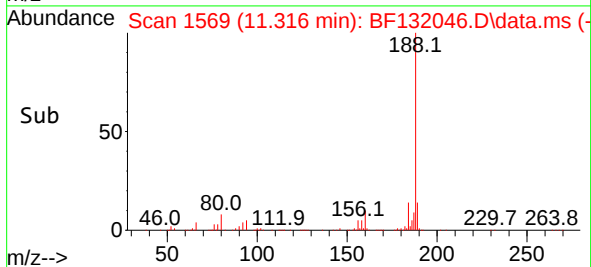
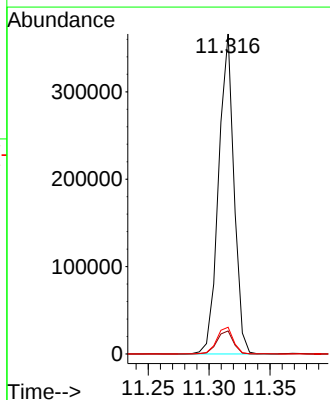
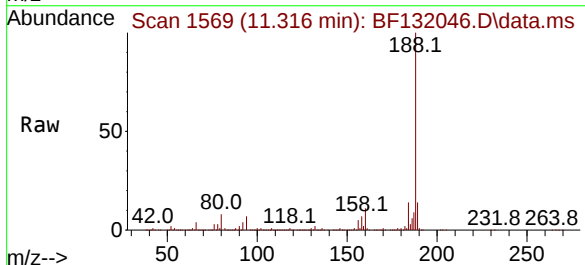
Instrument :
BNA_F
ClientSampleId :
MH-2MSD

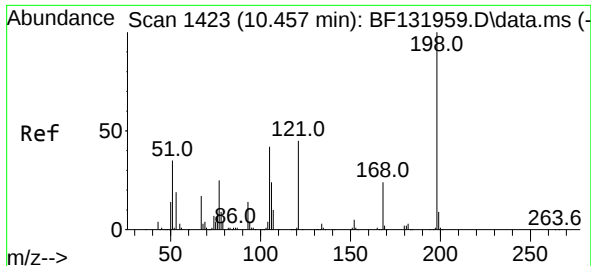
Tgt Ion: 77	Resp: 572310
Ion Ratio	Lower Upper
77 100	
182 22.4	2.9 42.9
105 19.7	0.0 39.3
51 30.6	10.7 50.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BF132046.D
Acq: 12 Jan 2023 17:42

Tgt Ion:188	Resp: 322691
Ion Ratio	Lower Upper
188 100	
94 7.2	5.8 8.6
80 8.4	7.4 11.0

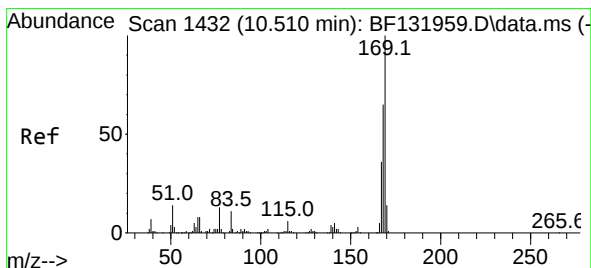
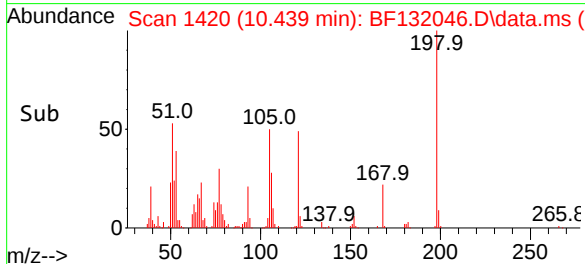
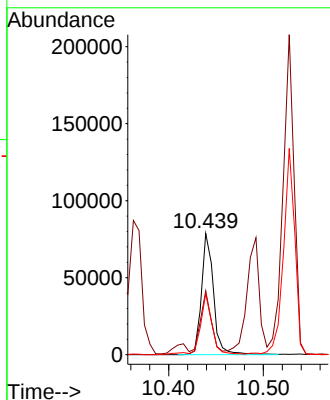
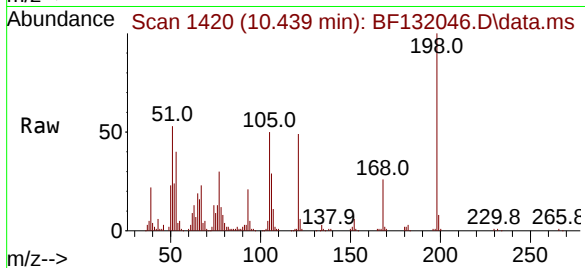




#65
4,6-Dinitro-2-methylphenol
Concen: 33.344 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF132046.D
Acq: 12 Jan 2023 17:42

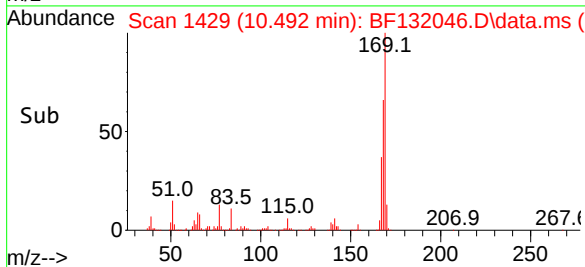
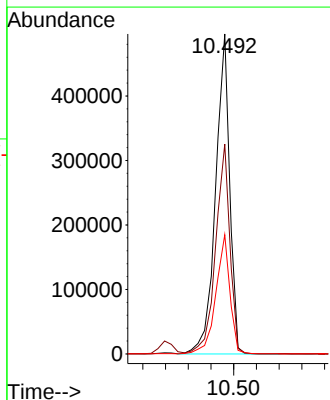
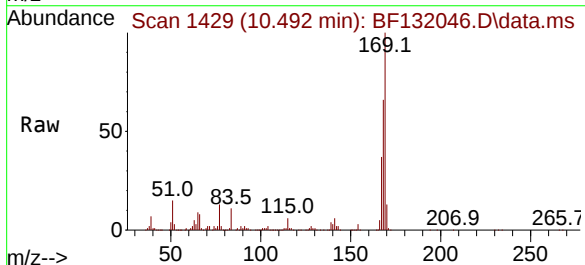
Instrument :
BNA_F
ClientSampleId :
MH-2MSD

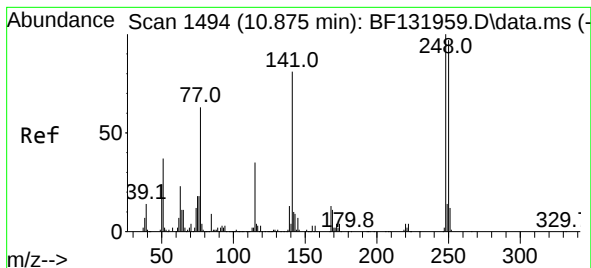
Tgt Ion:198 Resp: 69388
Ion Ratio Lower Upper
198 100
51 52.7 21.4 61.4
105 50.2 23.0 63.0



#66
n-Nitrosodiphenylamine
Concen: 42.365 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.000 min
Lab File: BF132046.D
Acq: 12 Jan 2023 17:42

Tgt Ion:169 Resp: 428898
Ion Ratio Lower Upper
169 100
168 65.6 52.5 78.7
167 37.3 28.6 43.0

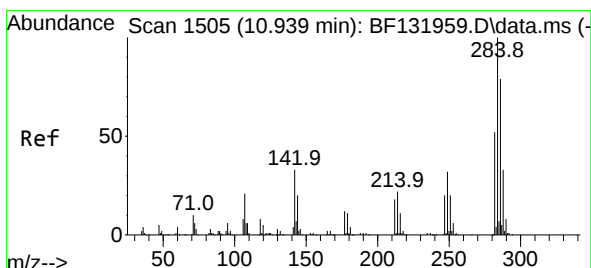
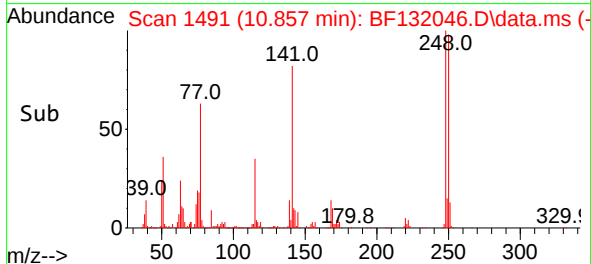
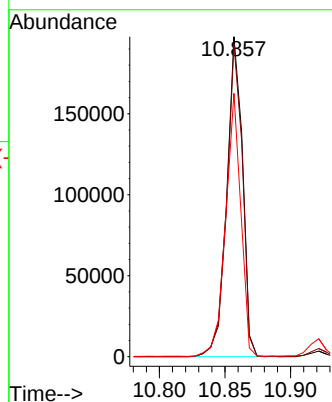
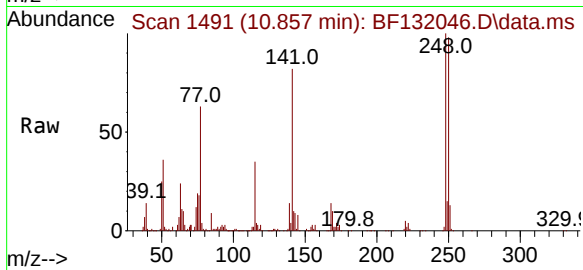




#67
4-Bromophenyl-phenylether
Concen: 41.098 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.000 min
Lab File: BF132046.D
Acq: 12 Jan 2023 17:42

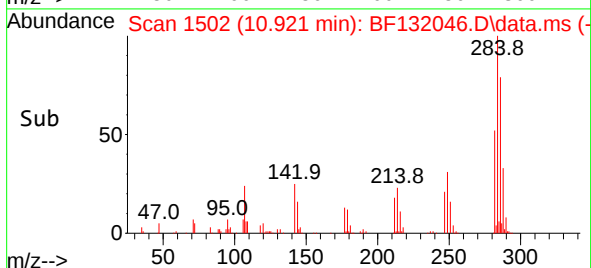
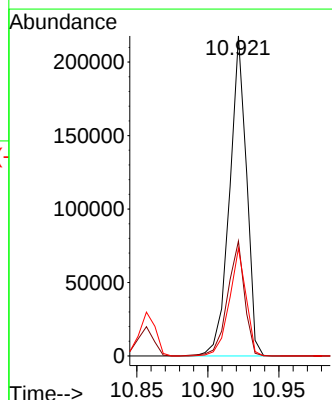
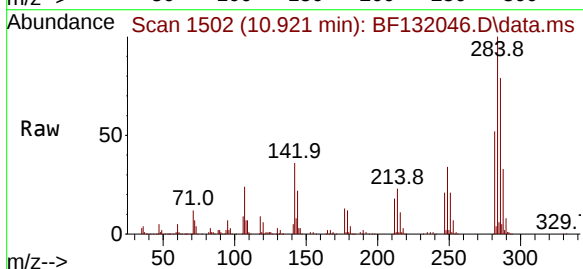
Instrument :
BNA_F
ClientSampleId :
MH-2MSD

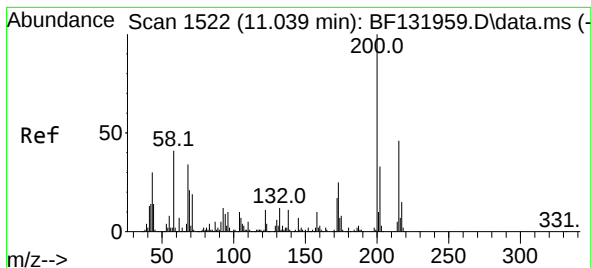
Tgt Ion:248 Resp: 165903
Ion Ratio Lower Upper
248 100
250 97.6 77.4 116.2
141 82.3 65.0 97.6



#68
Hexachlorobenzene
Concen: 44.140 ng
RT: 10.921 min Scan# 1502
Delta R.T. -0.000 min
Lab File: BF132046.D
Acq: 12 Jan 2023 17:42

Tgt Ion:284 Resp: 180249
Ion Ratio Lower Upper
284 100
142 35.9 26.4 39.6
249 33.7 25.4 38.2





#69

Atrazine

Concen: 43.777 ng

RT: 11.027 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF132046.D

Acq: 12 Jan 2023 17:42

Instrument :

BNA_F

ClientSampleId :

MH-2MSD

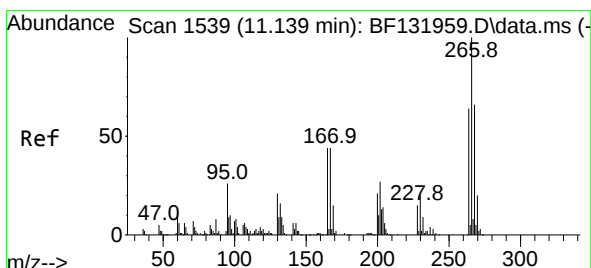
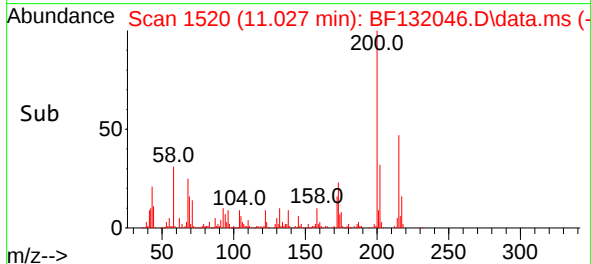
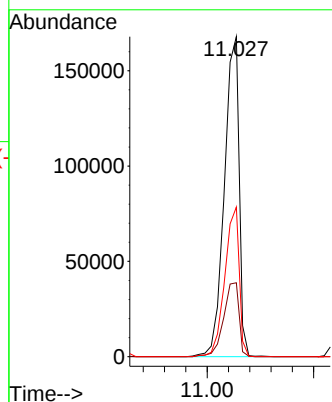
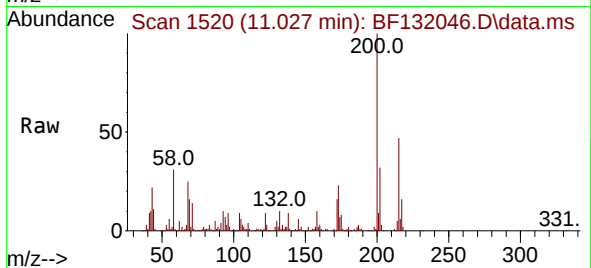
Tgt Ion:200 Resp: 161167

Ion Ratio Lower Upper

200 100

173 23.1 5.1 45.1

215 46.8 25.6 65.6



#70

Pentachlorophenol

Concen: 62.748 ng

RT: 11.127 min Scan# 1537

Delta R.T. 0.006 min

Lab File: BF132046.D

Acq: 12 Jan 2023 17:42

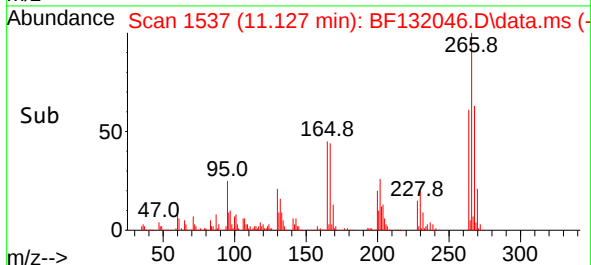
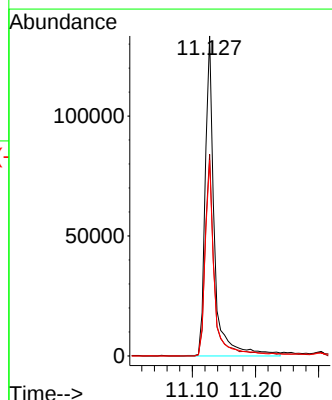
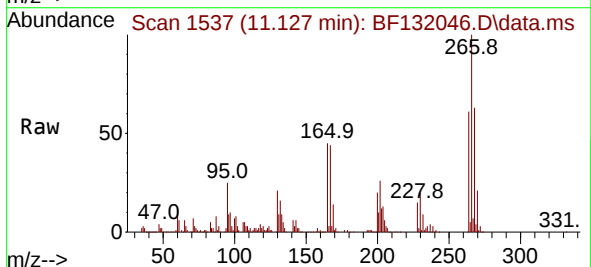
Tgt Ion:266 Resp: 134478

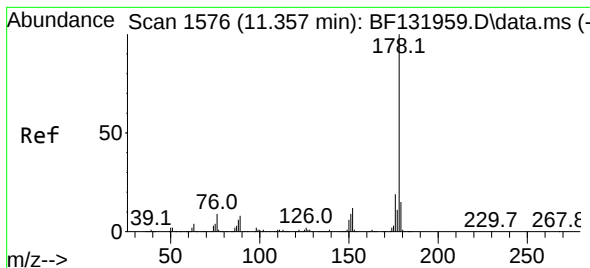
Ion Ratio Lower Upper

266 100

268 63.0 52.7 79.1

264 61.2 51.6 77.4





#71

Phenanthrene

Concen: 41.921 ng

RT: 11.339 min Scan# 1573

Delta R.T. -0.000 min

Lab File: BF132046.D

Acq: 12 Jan 2023 17:42

Instrument :

BNA_F

ClientSampleId :

MH-2MSD

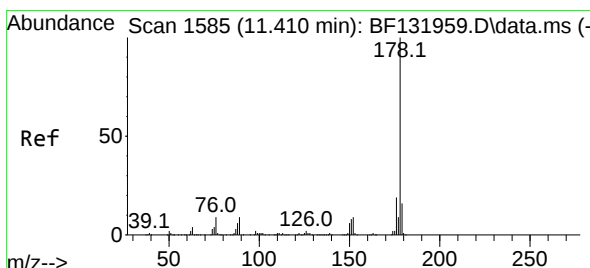
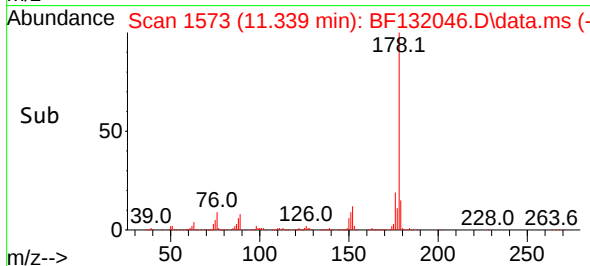
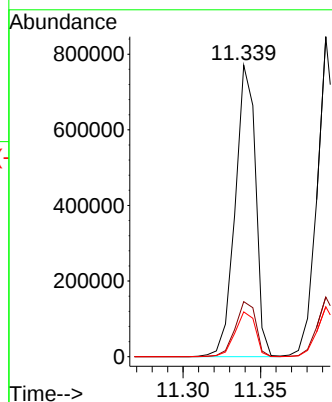
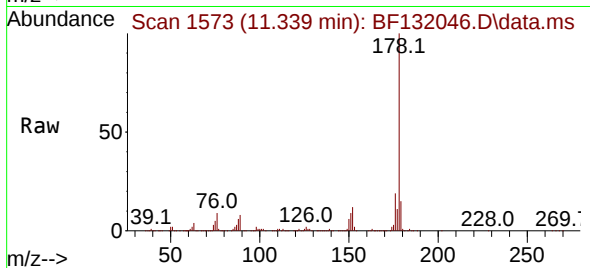
Tgt Ion:178 Resp: 705194

Ion Ratio Lower Upper

178 100

176 18.9 15.5 23.3

179 15.3 12.4 18.6



#72

Anthracene

Concen: 41.417 ng

RT: 11.392 min Scan# 1582

Delta R.T. -0.000 min

Lab File: BF132046.D

Acq: 12 Jan 2023 17:42

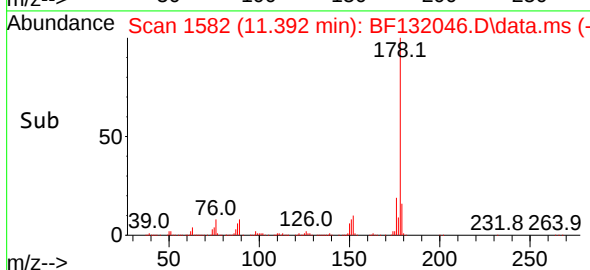
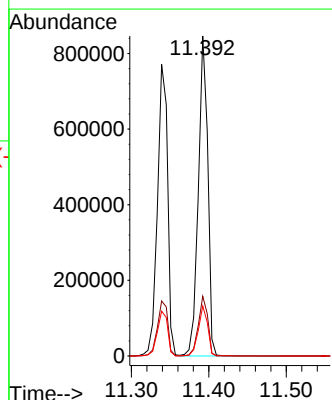
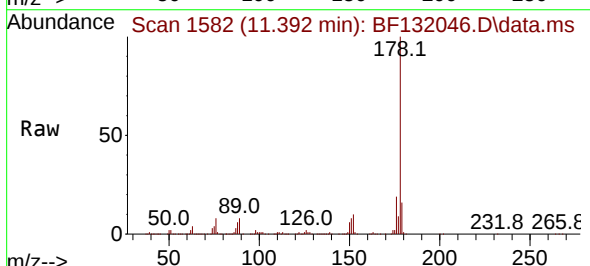
Tgt Ion:178 Resp: 717242

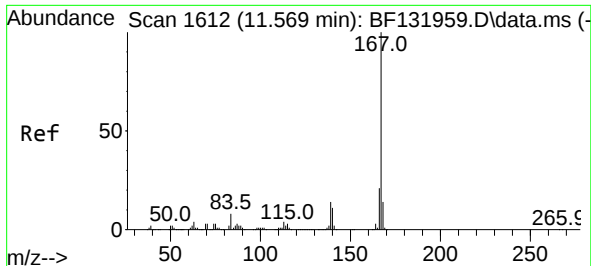
Ion Ratio Lower Upper

178 100

176 18.7 15.3 22.9

179 15.6 12.6 19.0

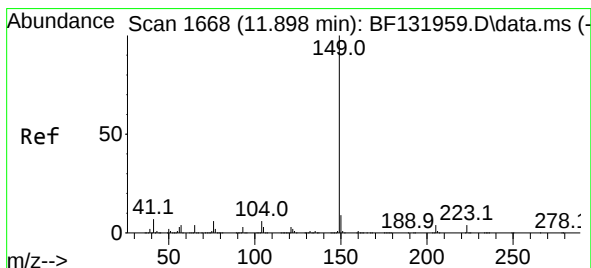
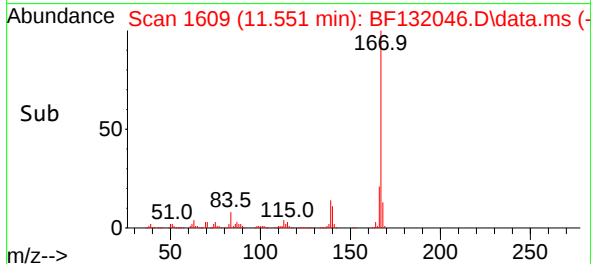
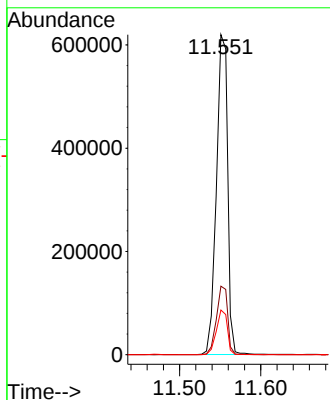
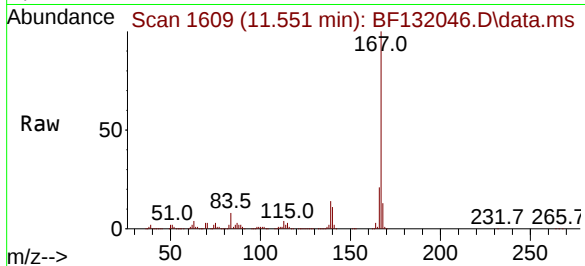




#73
Carbazole
Concen: 41.617 ng
RT: 11.551 min Scan# 1609
Delta R.T. -0.000 min
Lab File: BF132046.D
Acq: 12 Jan 2023 17:42

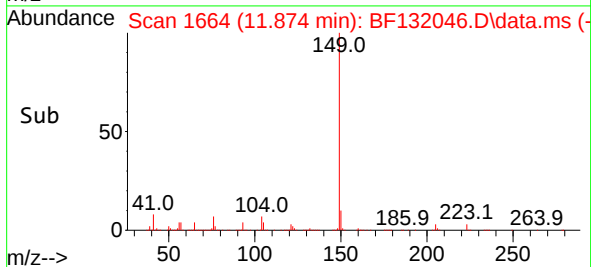
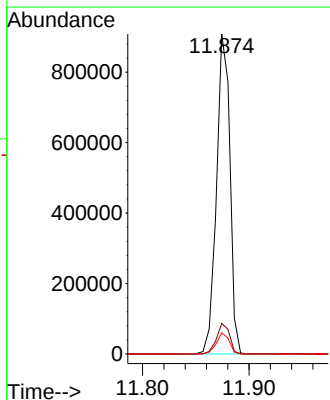
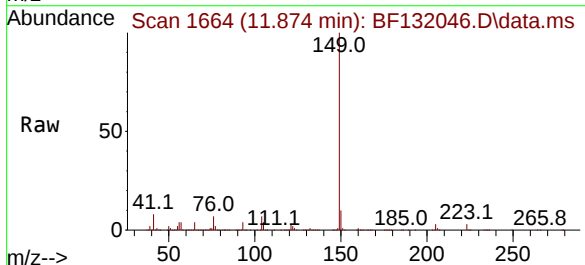
Instrument :
BNA_F
ClientSampleId :
MH-2MSD

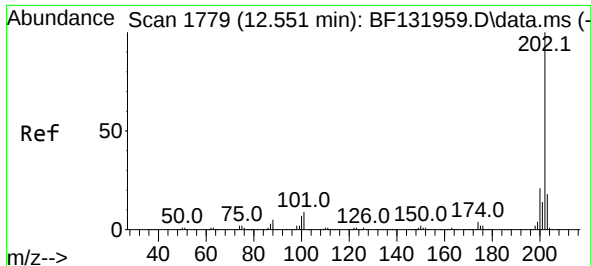
Tgt Ion:167 Resp: 596666
Ion Ratio Lower Upper
167 100
166 21.4 16.8 25.2
139 13.9 11.1 16.7



#74
Di-n-butylphthalate
Concen: 39.778 ng
RT: 11.874 min Scan# 1664
Delta R.T. -0.000 min
Lab File: BF132046.D
Acq: 12 Jan 2023 17:42

Tgt Ion:149 Resp: 794088
Ion Ratio Lower Upper
149 100
150 9.5 7.3 10.9
104 6.6 5.0 7.6

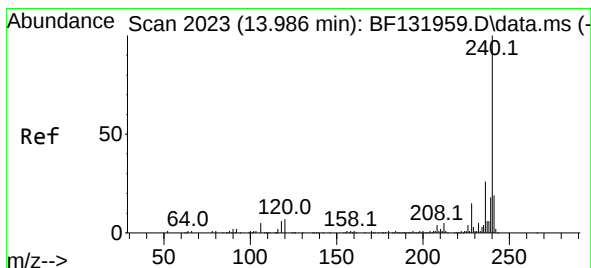
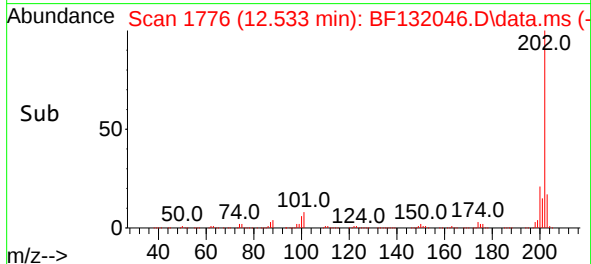
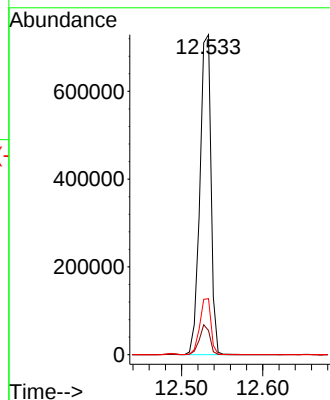
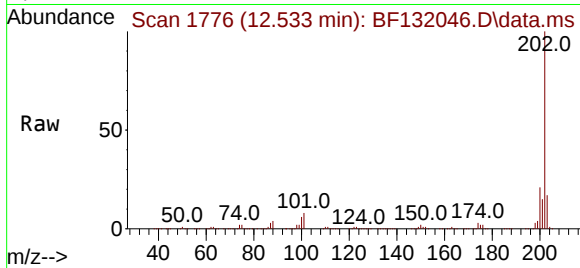




#75
Fluoranthene
Concen: 36.783 ng
RT: 12.533 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF132046.D
Acq: 12 Jan 2023 17:42

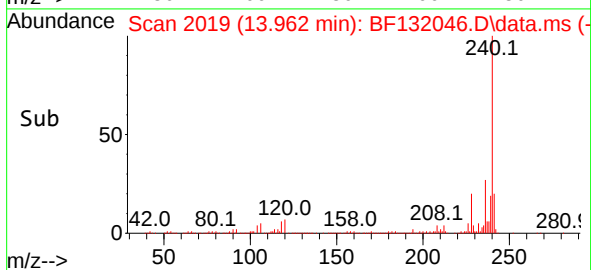
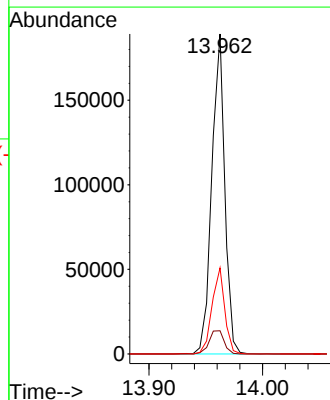
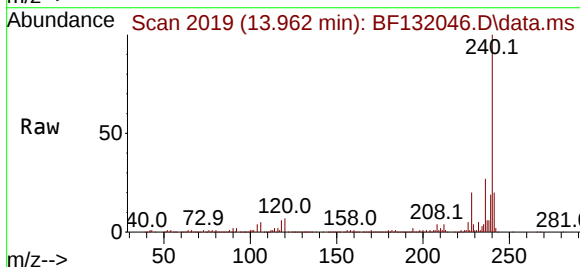
Instrument :
BNA_F
ClientSampleId :
MH-2MSD

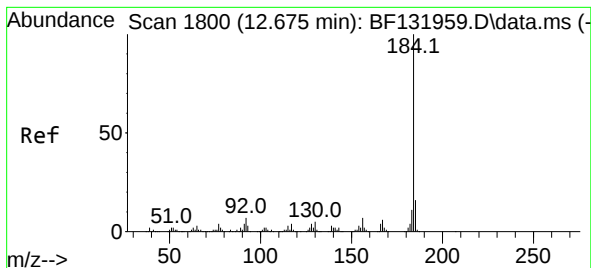
Tgt Ion:202 Resp: 695886
Ion Ratio Lower Upper
202 100
101 7.5 0.0 28.8
203 17.5 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF132046.D
Acq: 12 Jan 2023 17:42

Tgt Ion:240 Resp: 149817
Ion Ratio Lower Upper
240 100
120 7.2 5.4 8.0
236 26.9 21.1 31.7





#77

Benzidine

Concen: 12.121 ng

RT: 12.657 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF132046.D

Acq: 12 Jan 2023 17:42

Instrument :

BNA_F

ClientSampleId :

MH-2MSD

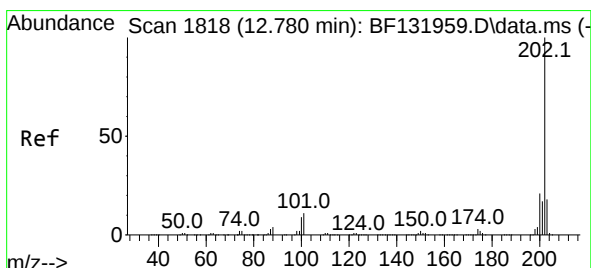
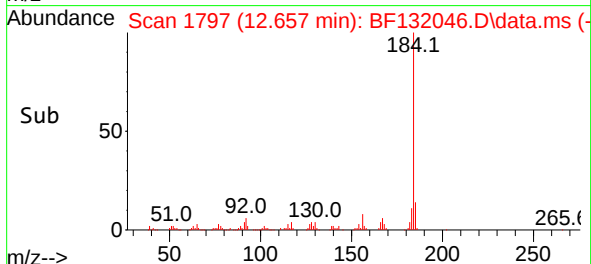
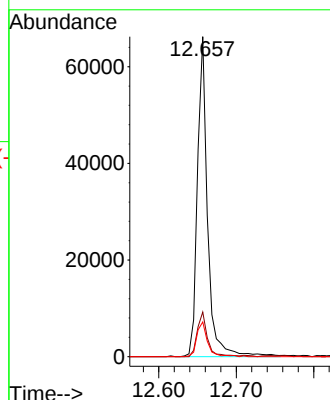
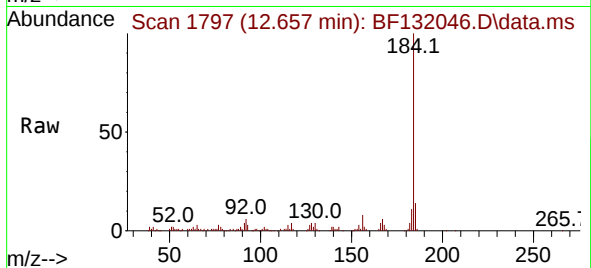
Tgt Ion:184 Resp: 60330

Ion Ratio Lower Upper

184 100

185 14.0 12.8 19.2

183 10.8 9.0 13.4



#78

Pyrene

Concen: 49.772 ng

RT: 12.763 min Scan# 1815

Delta R.T. -0.000 min

Lab File: BF132046.D

Acq: 12 Jan 2023 17:42

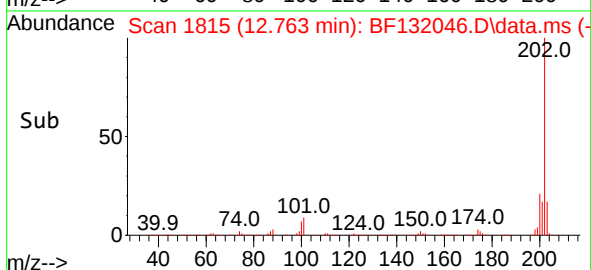
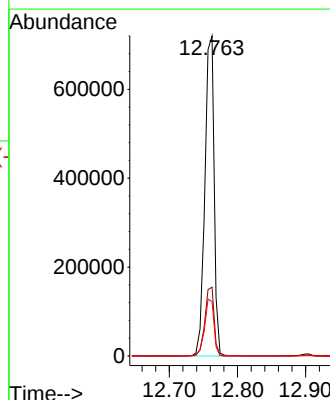
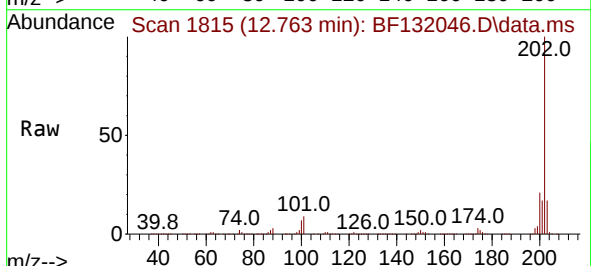
Tgt Ion:202 Resp: 680096

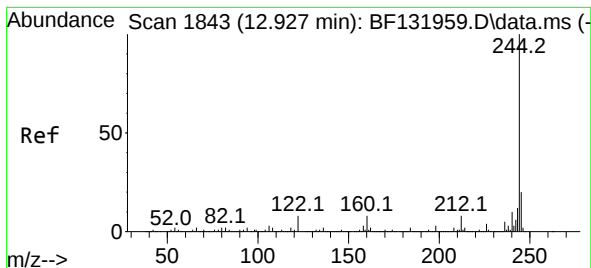
Ion Ratio Lower Upper

202 100

200 21.5 17.0 25.6

203 17.0 14.1 21.1





#79

Terphenyl-d14

Concen: 103.451 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.000 min

Lab File: BF132046.D

Acq: 12 Jan 2023 17:42

Instrument :

BNA_F

ClientSampleId :

MH-2MSD

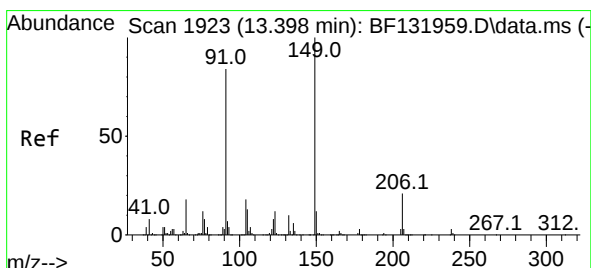
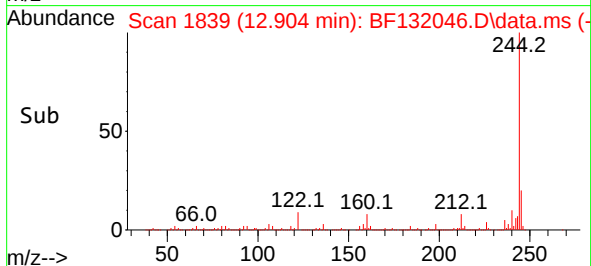
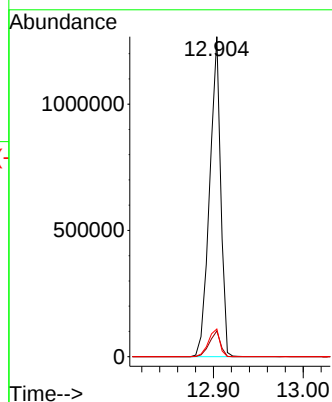
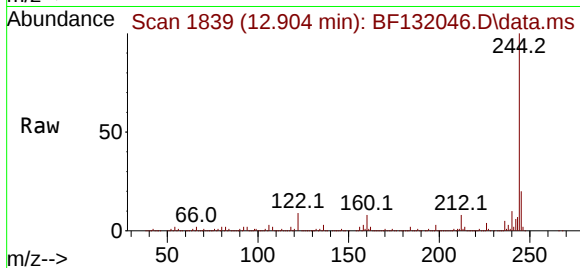
Tgt Ion:244 Resp: 1081348

Ion Ratio Lower Upper

244 100

212 8.1 6.3 9.5

122 8.7 6.8 10.2



#80

Butylbenzylphthalate

Concen: 45.807 ng

RT: 13.380 min Scan# 1920

Delta R.T. -0.000 min

Lab File: BF132046.D

Acq: 12 Jan 2023 17:42

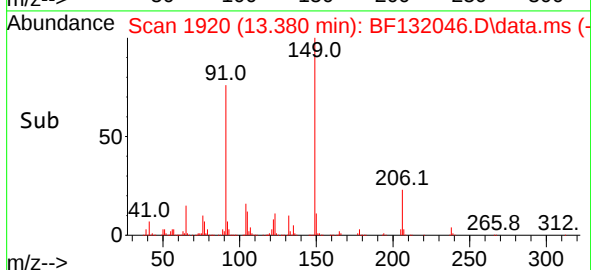
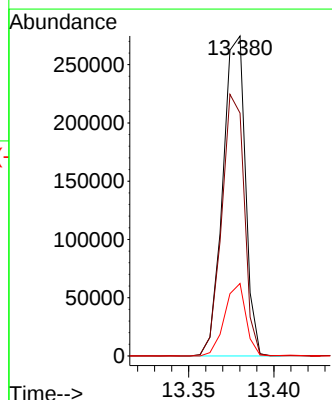
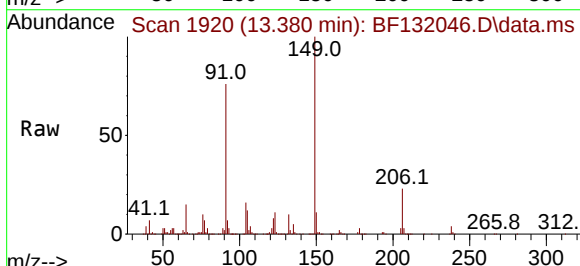
Tgt Ion:149 Resp: 252646

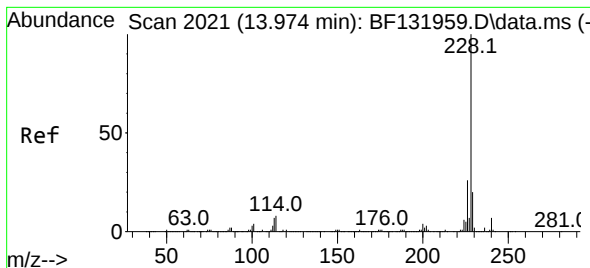
Ion Ratio Lower Upper

149 100

91 75.9 67.0 100.4

206 22.6 16.9 25.3





#81

Benzo(a)anthracene

Concen: 41.824 ng

RT: 13.951 min Scan# 2011

Delta R.T. -0.000 min

Lab File: BF132046.D

Acq: 12 Jan 2023 17:42

Instrument :

BNA_F

ClientSampleId :

MH-2MSD

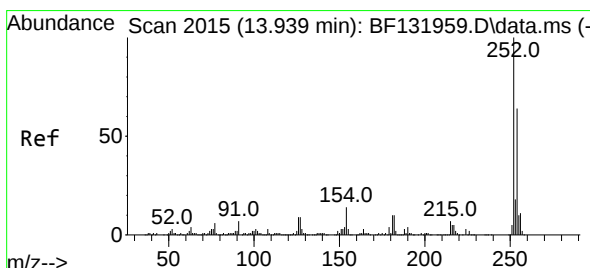
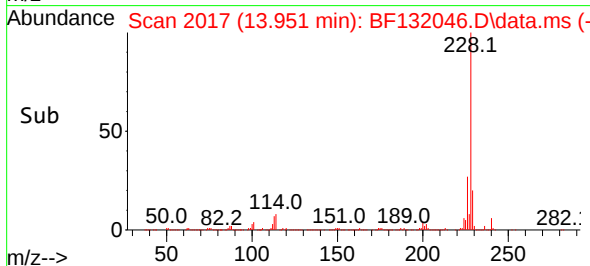
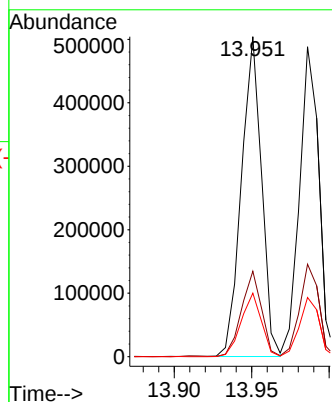
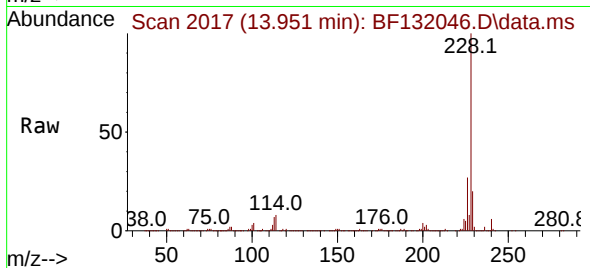
Tgt Ion:228 Resp: 455866

Ion Ratio Lower Upper

228 100

226 26.7 21.0 31.4

229 19.9 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 16.804 ng

RT: 13.915 min Scan# 2011

Delta R.T. -0.000 min

Lab File: BF132046.D

Acq: 12 Jan 2023 17:42

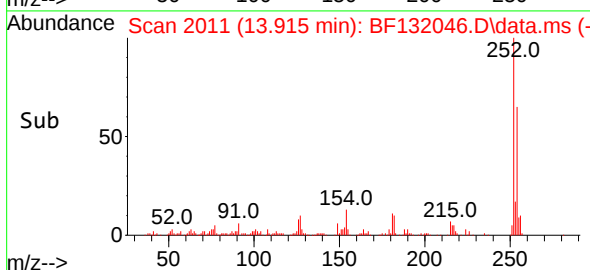
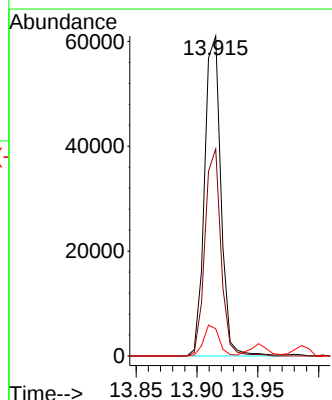
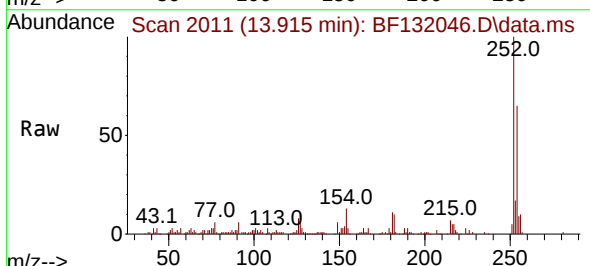
Tgt Ion:252 Resp: 57162

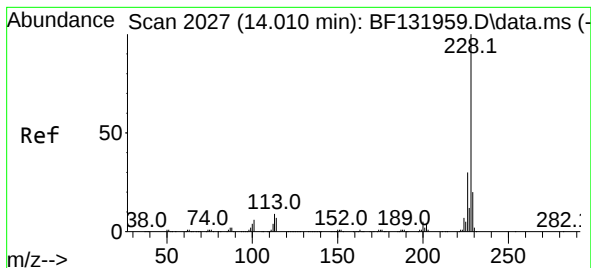
Ion Ratio Lower Upper

252 100

254 64.7 51.5 77.3

126 8.5 6.9 10.3





#83

Chrysene

Concen: 41.533 ng

RT: 13.986 min Scan# 2014

Delta R.T. -0.006 min

Lab File: BF132046.D

Acq: 12 Jan 2023 17:42

Instrument :

BNA_F

ClientSampleId :

MH-2MSD

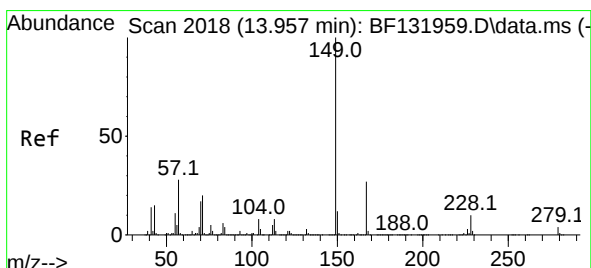
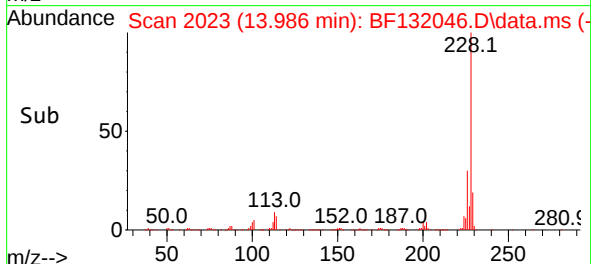
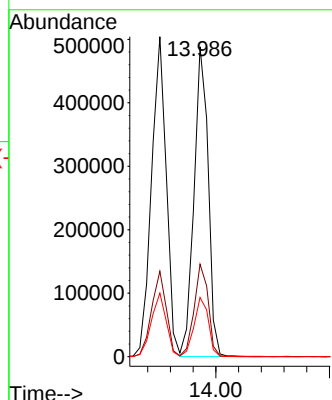
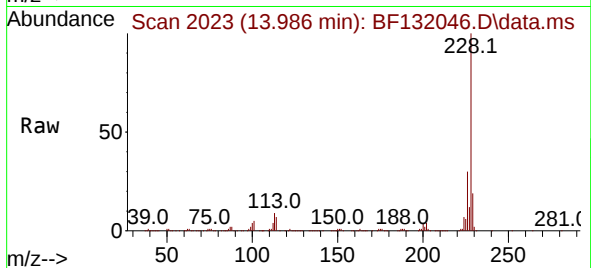
Tgt Ion:228 Resp: 423070

Ion Ratio Lower Upper

228 100

226 29.9 24.0 36.0

229 19.1 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.994 ng

RT: 13.933 min Scan# 2014

Delta R.T. -0.000 min

Lab File: BF132046.D

Acq: 12 Jan 2023 17:42

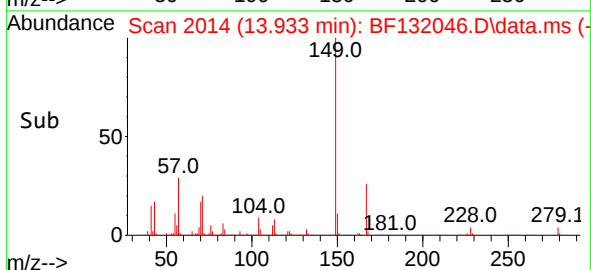
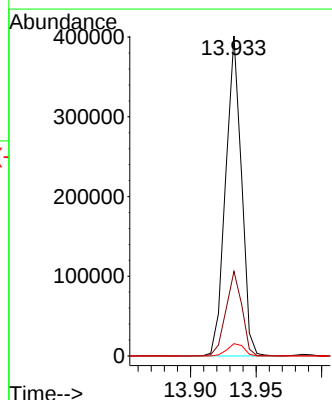
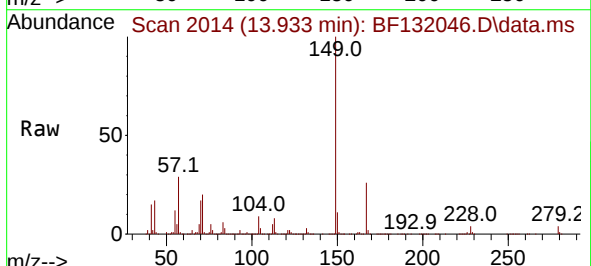
Tgt Ion:149 Resp: 336204

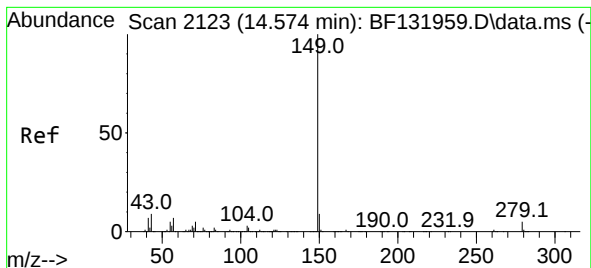
Ion Ratio Lower Upper

149 100

167 26.5 21.3 31.9

279 3.9 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 48.362 ng

RT: 14.551 min Scan# 2123

Delta R.T. 0.006 min

Lab File: BF132046.D

Acq: 12 Jan 2023 17:42

Instrument :

BNA_F

ClientSampleId :

MH-2MSD

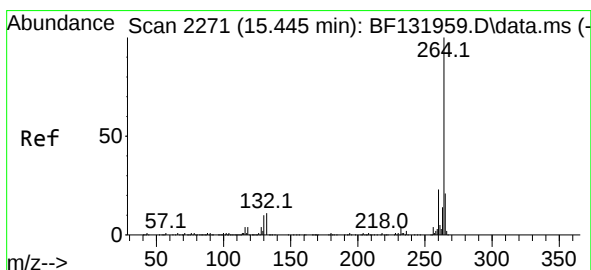
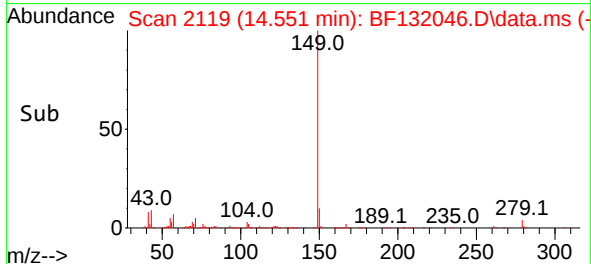
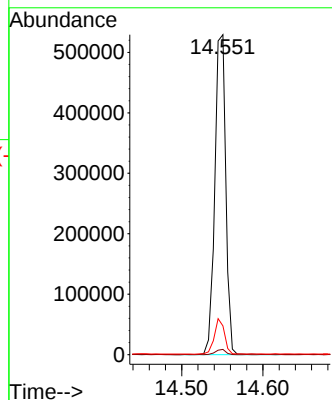
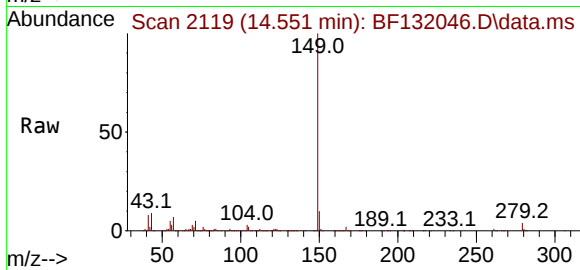
Tgt Ion:149 Resp: 494510

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.4 7.8 11.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.415 min Scan# 2266

Delta R.T. -0.000 min

Lab File: BF132046.D

Acq: 12 Jan 2023 17:42

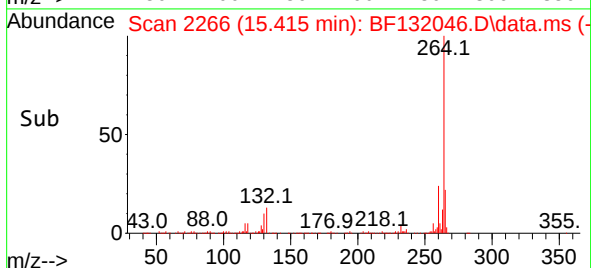
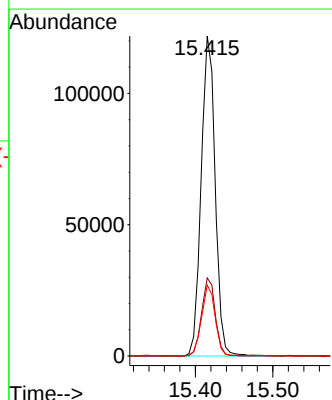
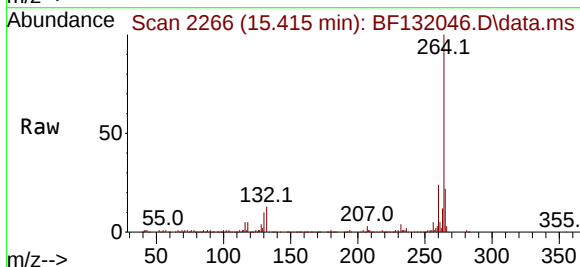
Tgt Ion:264 Resp: 152786

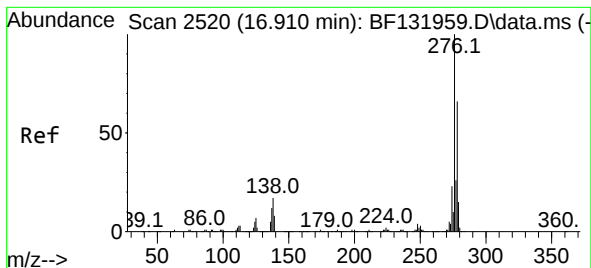
Ion Ratio Lower Upper

264 100

260 24.4 18.3 27.5

265 22.1 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.461 ng

RT: 16.880 min Scan# 2195

Delta R.T. -0.000 min

Lab File: BF132046.D

Acq: 12 Jan 2023 17:42

Instrument :

BNA_F

ClientSampleId :

MH-2MSD

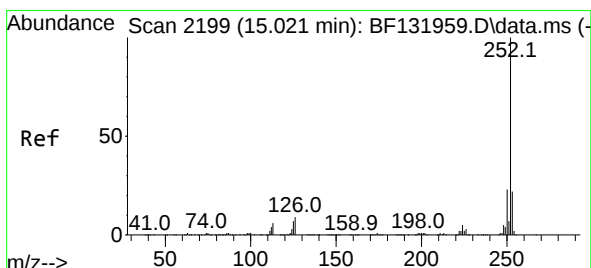
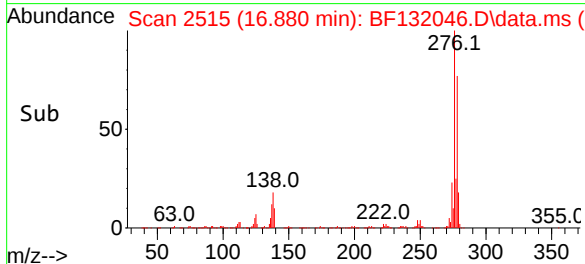
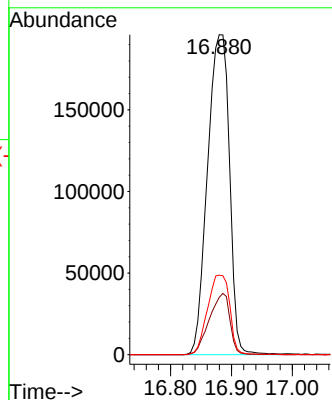
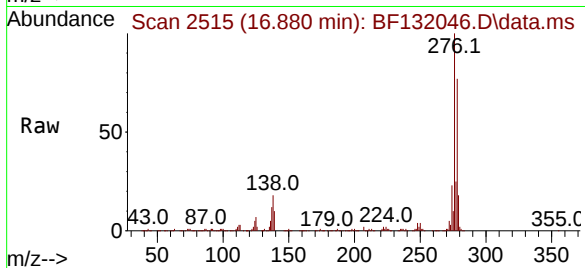
Tgt Ion:276 Resp: 491578

Ion Ratio Lower Upper

276 100

138 18.0 14.2 21.2

277 25.1 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 40.705 ng

RT: 14.998 min Scan# 2195

Delta R.T. -0.000 min

Lab File: BF132046.D

Acq: 12 Jan 2023 17:42

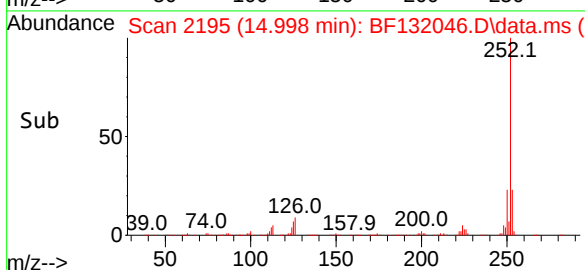
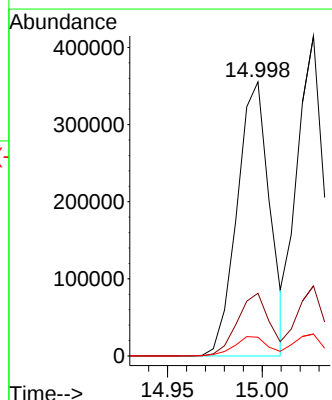
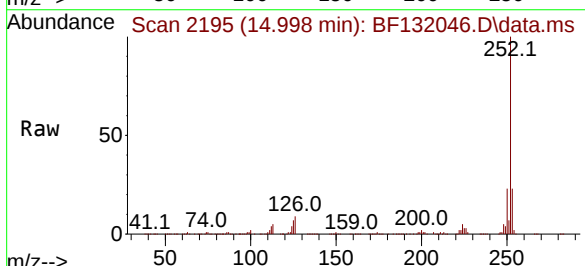
Tgt Ion:252 Resp: 426563

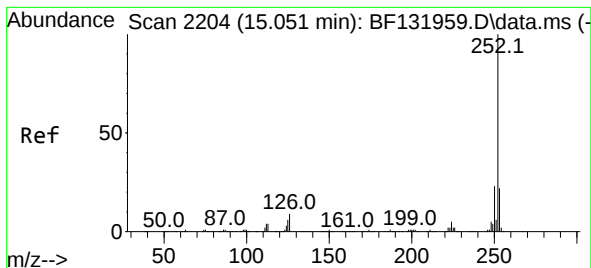
Ion Ratio Lower Upper

252 100

253 22.9 18.0 27.0

125 6.8 5.8 8.6





#89

Benzo(k)fluoranthene

Concen: 38.756 ng

RT: 15.027 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF132046.D

Acq: 12 Jan 2023 17:42

Instrument :

BNA_F

ClientSampleId :

MH-2MSD

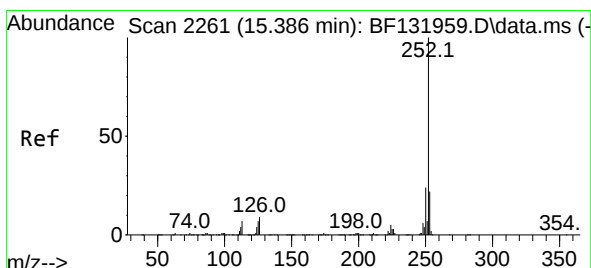
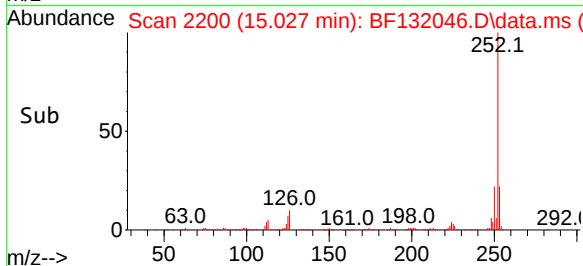
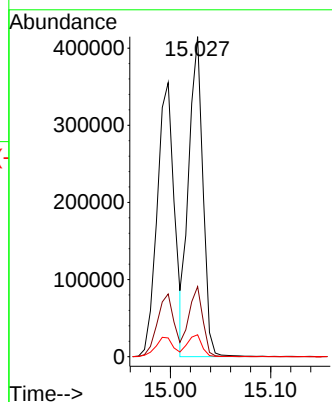
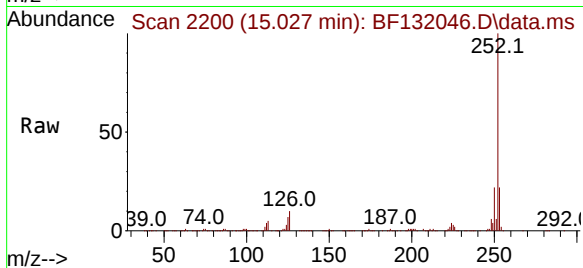
Tgt Ion:252 Resp: 405326

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

125 6.9 5.2 7.8



#90

Benzo(a)pyrene

Concen: 39.388 ng

RT: 15.356 min Scan# 2256

Delta R.T. -0.000 min

Lab File: BF132046.D

Acq: 12 Jan 2023 17:42

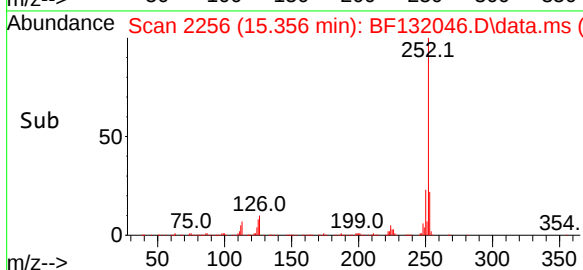
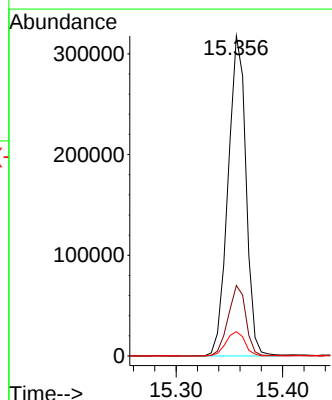
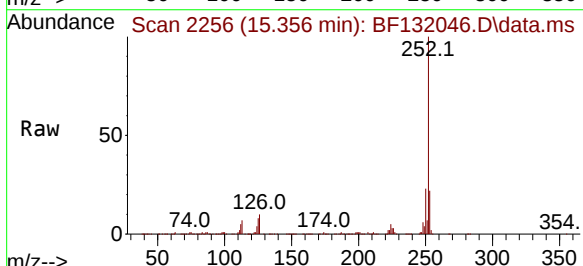
Tgt Ion:252 Resp: 371893

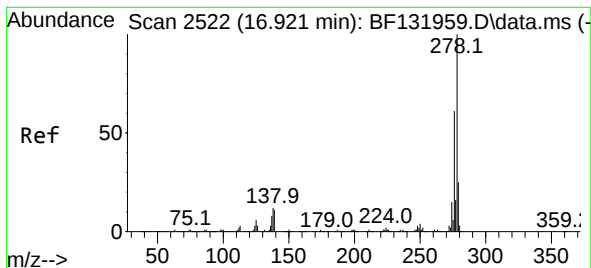
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 7.6 5.7 8.5





#91

Dibenzo(a,h)anthracene

Concen: 52.805 ng

RT: 16.892 min Scan# 2517

Delta R.T. 0.006 min

Lab File: BF132046.D

Acq: 12 Jan 2023 17:42

Instrument :

BNA_F

ClientSampleId :

MH-2MSD

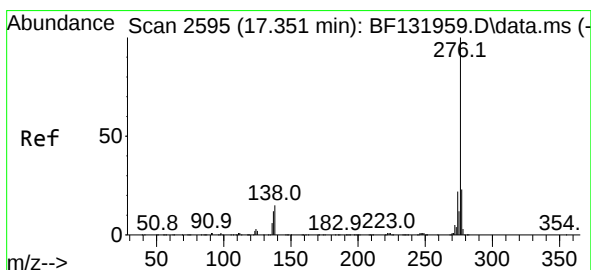
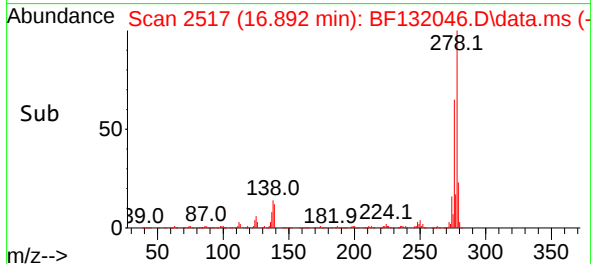
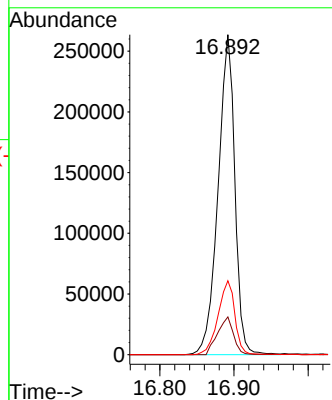
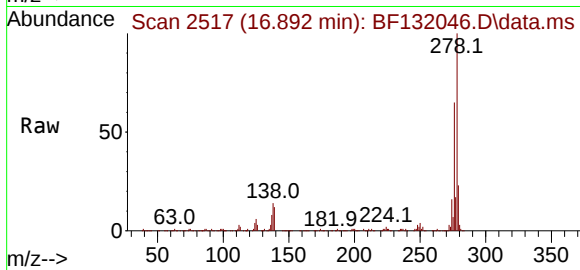
Tgt Ion:278 Resp: 414782

Ion Ratio Lower Upper

278 100

139 11.8 8.8 13.2

279 23.1 19.8 29.6



#92

Benzo(g,h,i)perylene

Concen: 47.729 ng

RT: 17.321 min Scan# 2590

Delta R.T. 0.006 min

Lab File: BF132046.D

Acq: 12 Jan 2023 17:42

Tgt Ion:276 Resp: 401264

Ion Ratio Lower Upper

276 100

277 23.4 18.2 27.2

138 14.9 11.7 17.5

