

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122122\
 Data File : BF131760.D
 Acq On : 21 Dec 2022 23:03
 Operator : CG\JU
 Sample : N6129-02MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C3MS

Quant Time: Dec 22 05:51:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 03:12:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	84877	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	307375	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	177876	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	353223	20.000	ng	0.00
76) Chrysene-d12	14.068	240	231861	20.000	ng	# 0.00
86) Perylene-d12	15.557	264	184881	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	746597	148.118	ng	0.03
7) Phenol-d6	6.510	99	941928	138.837	ng	0.00
23) Nitrobenzene-d5	7.439	82	731077	96.556	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	321679	165.224	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1240986	97.731	ng	0.00
79) Terphenyl-d14	13.004	244	1534504	103.146	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.840	88	111056	47.148	ng	# 84
3) Pyridine	3.540	79	261465	38.929	ng	98
4) n-Nitrosodimethylamine	3.487	42	154950	50.991	ng	95
6) Aniline	6.534	93	170831	20.396	ng	92
8) 2-Chlorophenol	6.651	128	280409	51.794	ng	99
9) Benzaldehyde	6.422	77	130078	31.900	ng	96
10) Phenol	6.522	94	365110	45.074	ng	99
11) bis(2-Chloroethyl)ether	6.604	93	351347	60.613	ng	99
12) 1,3-Dichlorobenzene	6.804	146	293593	47.974	ng	98
13) 1,4-Dichlorobenzene	6.887	146	296223	47.353	ng	99
14) 1,2-Dichlorobenzene	7.034	146	286833	48.972	ng	98
15) Benzyl Alcohol	7.016	79	272056	44.896	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	376993	51.006	ng	89
17) 2-Methylphenol	7.128	107	268241	52.484	ng	94
18) Hexachloroethane	7.381	117	122705	49.482	ng	95
19) n-Nitroso-di-n-propyla...	7.287	70	245075	50.087	ng	98
20) 3+4-Methylphenols	7.281	107	314201	47.766	ng	92
22) Acetophenone	7.281	105	458166	51.077	ng	# 93
24) Nitrobenzene	7.457	77	379084	49.249	ng	96
25) Isophorone	7.698	82	683581	53.162	ng	99
26) 2-Nitrophenol	7.775	139	151480	50.355	ng	97
27) 2,4-Dimethylphenol	7.816	122	251962	58.807	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	384165	56.262	ng	100
29) 2,4-Dichlorophenol	8.016	162	258033	49.886	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	297722	48.962	ng	98
31) Naphthalene	8.181	128	807118	48.081	ng	100
32) Benzoic acid	7.951	122	181184	52.829	ng	98
33) 4-Chloroaniline	8.234	127	65959	10.075	ng	98
34) Hexachlorobutadiene	8.292	225	193691	47.344	ng	100
35) Caprolactam	8.616	113	40051	25.680	ng	85
36) 4-Chloro-3-methylphenol	8.722	107	303921	51.437	ng	98
37) 2-Methylnaphthalene	8.875	142	559663	48.876	ng	100
38) 1-Methylnaphthalene	8.975	142	514562	46.398	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	318307	52.304	ng	99
41) Hexachlorocyclopentadiene	9.022	237	373582	135.496	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	202830	51.021	ng	98

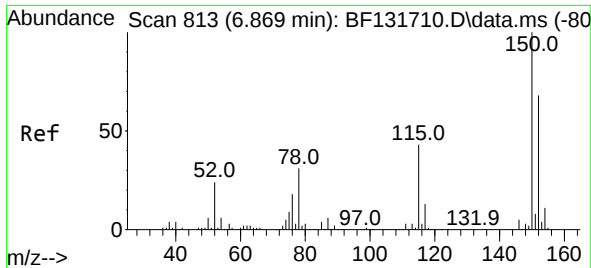
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122122\
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 QLast Update : Wed Dec 21 03:12:37 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	226210	52.562	ng	99
46) 1,1'-Biphenyl	9.339	154	708242	52.934	ng	99
47) 2-Chloronaphthalene	9.363	162	561001	51.205	ng	98
48) 2-Nitroaniline	9.469	65	203130	51.440	ng	97
49) Acenaphthylene	9.786	152	848485	51.634	ng	99
50) Dimethylphthalate	9.645	163	701956	52.446	ng	100
51) 2,6-Dinitrotoluene	9.710	165	151092	52.500	ng	96
52) Acenaphthene	9.957	154	515950	51.254	ng	100
53) 3-Nitroaniline	9.880	138	82404	27.984	ng	99
54) 2,4-Dinitrophenol	9.992	184	199184	115.507	ng	99
55) Dibenzofuran	10.128	168	786120	50.927	ng	98
56) 4-Nitrophenol	10.057	139	210225	99.745	ng	89
57) 2,4-Dinitrotoluene	10.116	165	208780	53.987	ng	94
58) Fluorene	10.475	166	630535	50.522	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.204	232	181090	50.403	ng	95
60) Diethylphthalate	10.351	149	670316	51.976	ng	97
61) 4-Chlorophenyl-phenyle...	10.463	204	345718	52.119	ng	99
62) 4-Nitroaniline	10.510	138	142911	48.221	ng	99
63) Azobenzene	10.628	77	728772	51.459	ng	100
65) 4,6-Dinitro-2-methylph...	10.528	198	126642	52.222	ng	89
66) n-Nitrosodiphenylamine	10.586	169	542598	49.535	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	210916	50.557	ng	96
68) Hexachlorobenzene	11.016	284	230393	50.214	ng	100
69) Atrazine	11.116	200	200890	55.018	ng	97
70) Pentachlorophenol	11.216	266	274303	112.641	ng	98
71) Phenanthrene	11.439	178	948358	49.238	ng	99
72) Anthracene	11.492	178	955823	50.683	ng	99
73) Carbazole	11.651	167	826637	50.664	ng	99
74) Di-n-butylphthalate	11.974	149	1040723	51.225	ng	100
75) Fluoranthene	12.633	202	1047586	48.837	ng	99
77) Benzidine	12.751	184	125885	29.609	ng	98
78) Pyrene	12.863	202	1068517	50.687	ng	100
80) Butylbenzylphthalate	13.480	149	417010	56.087	ng	99
81) Benzo(a)anthracene	14.057	228	864487	51.769	ng	100
82) 3,3'-Dichlorobenzidine	14.021	252	196527	42.153	ng	# 99
83) Chrysene	14.092	228	815369	51.733	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	565883	63.828	ng	99
85) Di-n-octyl phthalate	14.657	149	849939	68.678	ng	98
87) Indeno(1,2,3-cd)pyrene	17.074	276	669084	53.879	ng	99
88) Benzo(b)fluoranthene	15.121	252	670795	51.284	ng	99
89) Benzo(k)fluoranthene	15.151	252	677091	53.049	ng	99
90) Benzo(a)pyrene	15.498	252	564476	54.482	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	554866	54.068	ng	98
92) Benzo(g,h,i)perylene	17.533	276	557227	54.935	ng	98

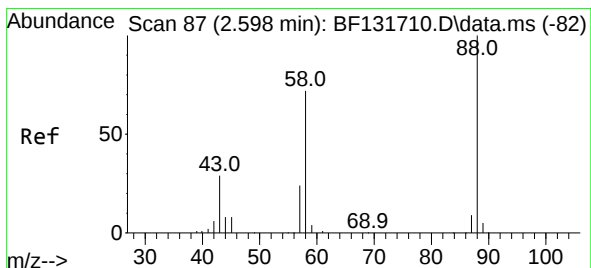
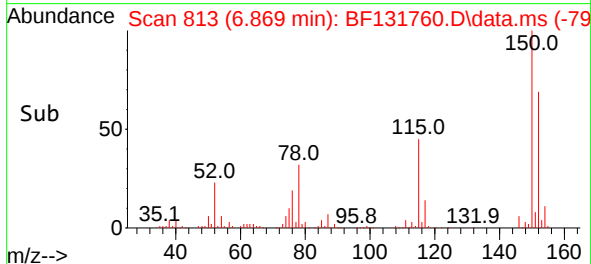
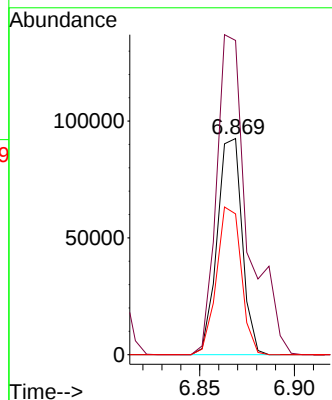
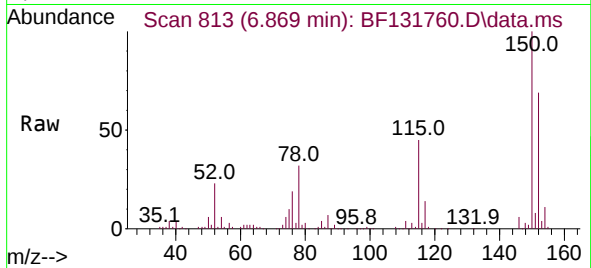
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 813
 Delta R.T. -0.000 min
 Lab File: BF131760.D
 Acq: 21 Dec 2022 23:03

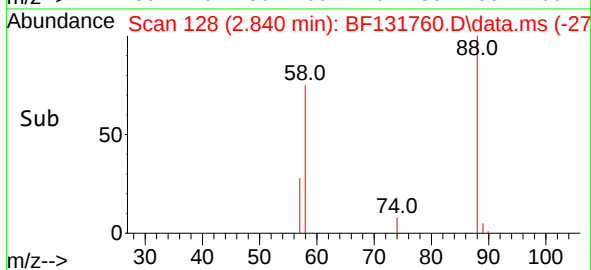
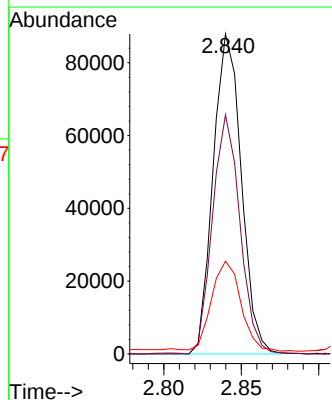
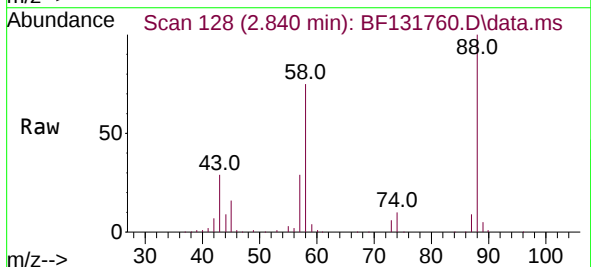
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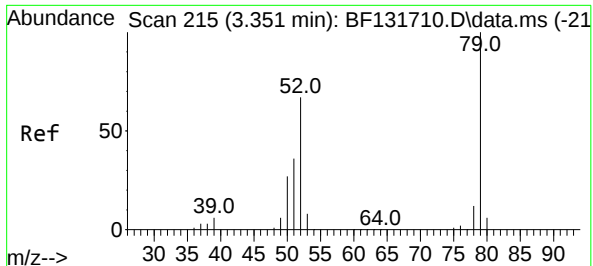
Tgt Ion:152 Resp: 84877
 Ion Ratio Lower Upper
 152 100
 150 145.3 117.4 176.0
 115 65.2 50.2 75.4



#2
 1,4-Dioxane
 Concen: 47.148 ng
 RT: 2.840 min Scan# 128
 Delta R.T. 0.241 min
 Lab File: BF131760.D
 Acq: 21 Dec 2022 23:03

Tgt Ion: 88 Resp: 111056
 Ion Ratio Lower Upper
 88 100
 58 72.2 57.5 86.3
 43 0.0 23.3 34.9

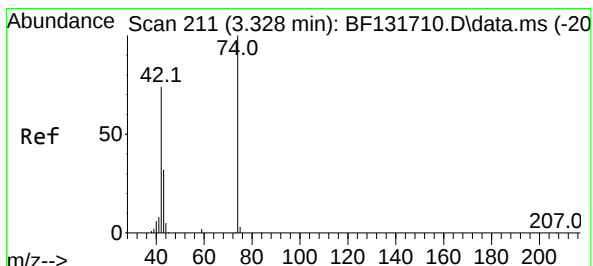
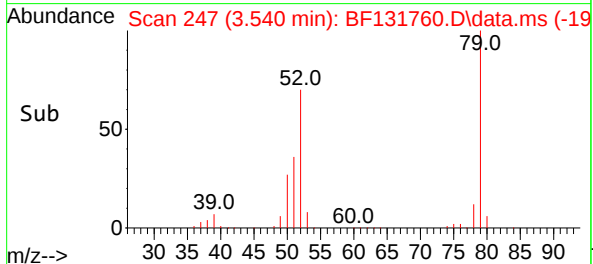
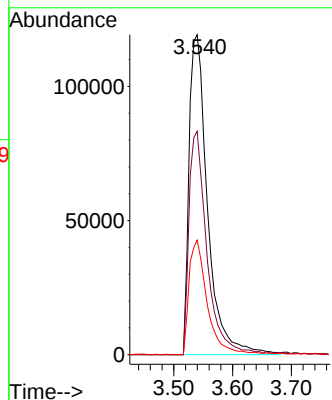
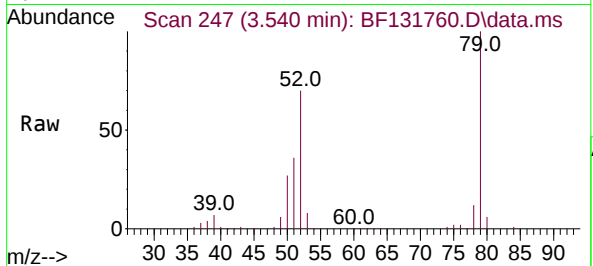




#3
Pyridine
Concen: 38.929 ng
RT: 3.540 min Scan# 24
Delta R.T. 0.188 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

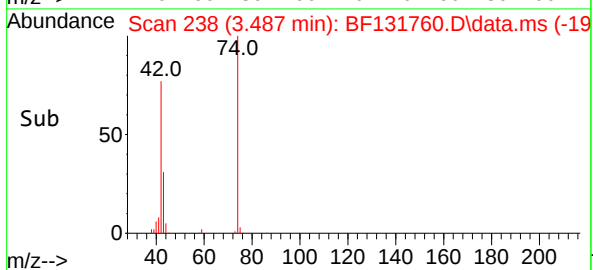
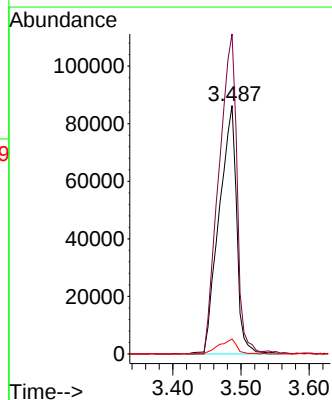
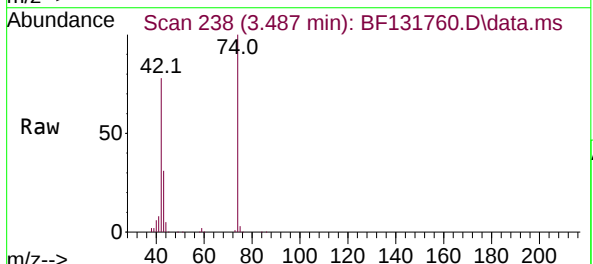
Instrument :
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ClientSampleId :
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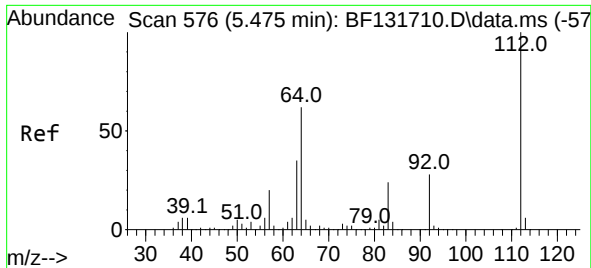
Tgt Ion: 79 Resp: 261465
Ion Ratio Lower Upper
79 100
52 69.8 53.7 80.5
51 35.8 28.6 42.8



#4
n-Nitrosodimethylamine
Concen: 50.991 ng
RT: 3.487 min Scan# 238
Delta R.T. 0.159 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

Tgt Ion: 42 Resp: 154950
Ion Ratio Lower Upper
42 100
74 128.9 107.8 161.8
44 6.1 5.5 8.3

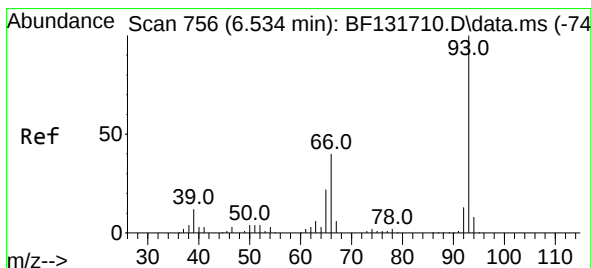
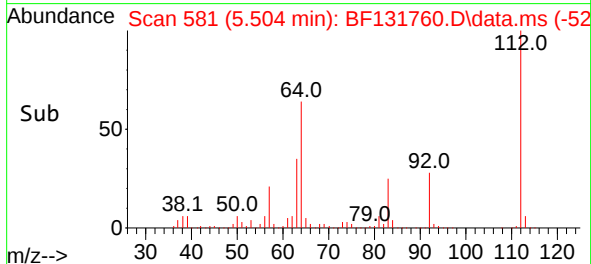
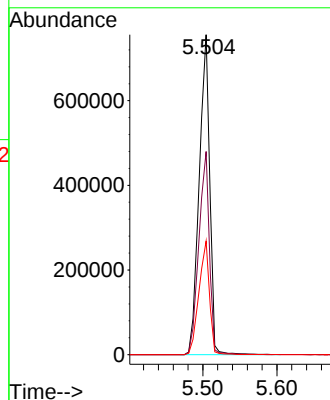
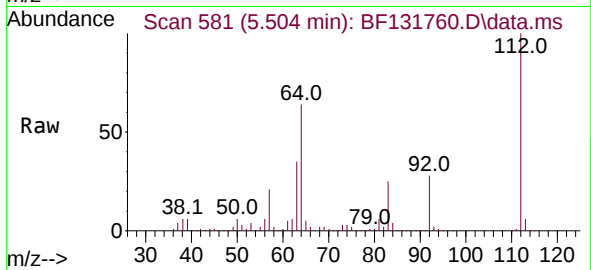




#5
2-Fluorophenol
Concen: 148.118 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.030 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

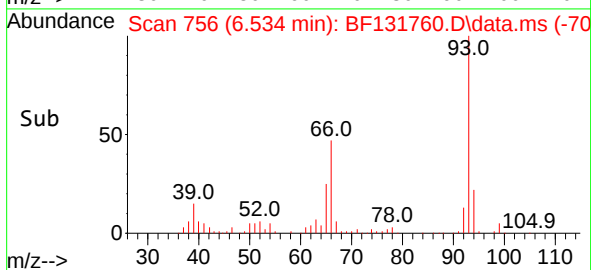
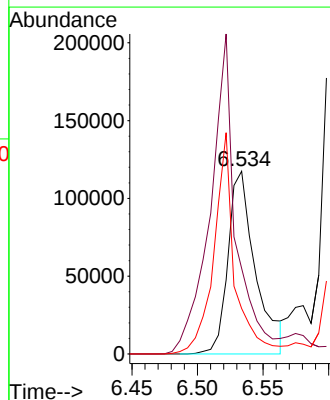
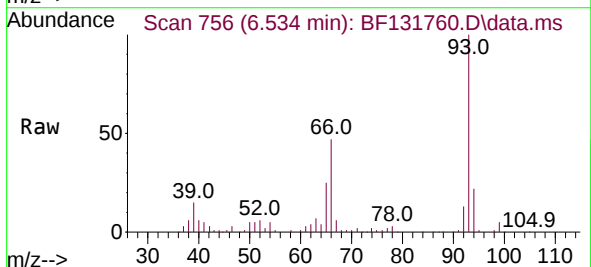
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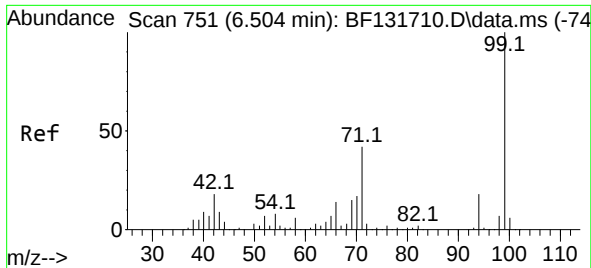
Tgt Ion:112 Resp: 746597
Ion Ratio Lower Upper
112 100
64 63.5 49.5 74.3
63 35.5 28.2 42.2



#6
Aniline
Concen: 20.396 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

Tgt Ion: 93 Resp: 170831
Ion Ratio Lower Upper
93 100
66 46.9 32.8 49.2
65 24.9 17.4 26.2

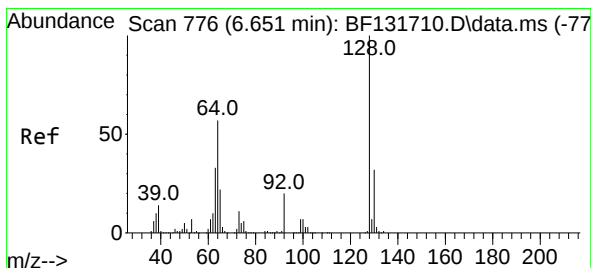
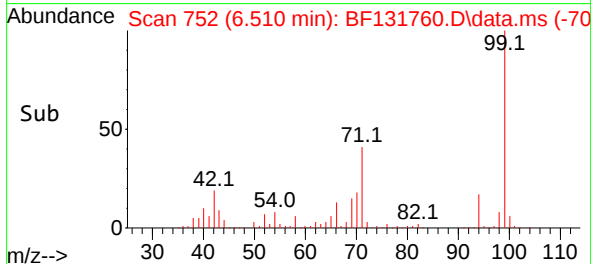
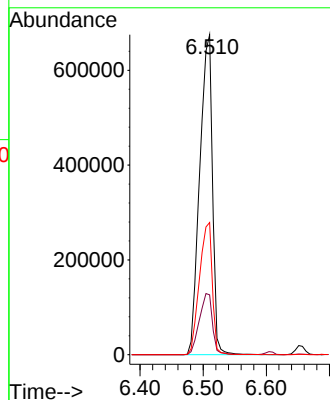
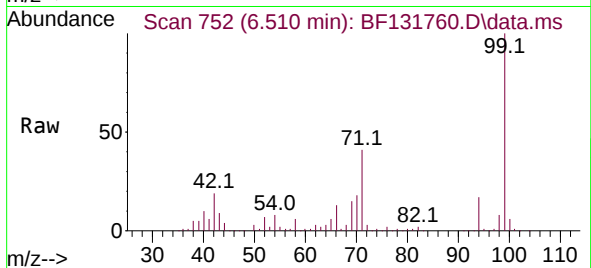




#7
Phenol-d6
Concen: 138.837 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

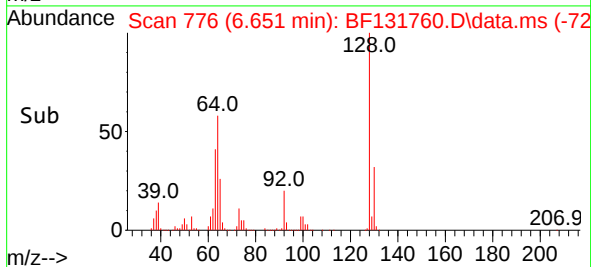
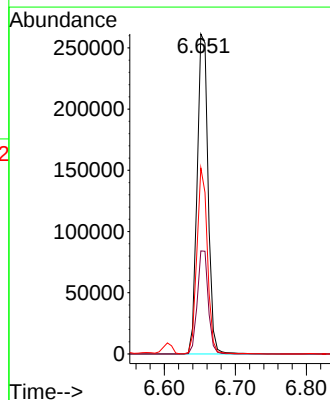
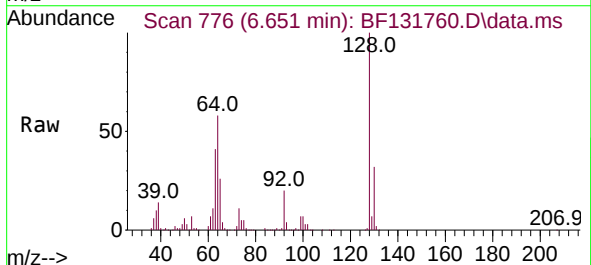
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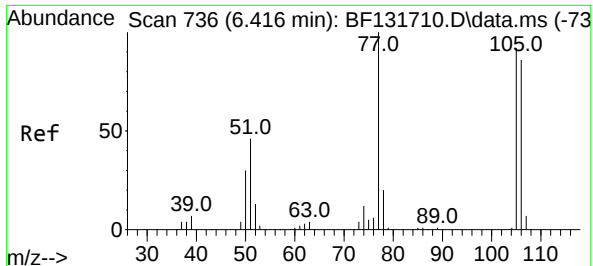
Tgt Ion: 99 Resp: 941928
Ion Ratio Lower Upper
99 100
42 18.7 14.8 22.2
71 41.3 33.8 50.6



#8
2-Chlorophenol
Concen: 51.794 ng
RT: 6.651 min Scan# 776
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

Tgt Ion:128 Resp: 280409
Ion Ratio Lower Upper
128 100
130 32.2 12.0 52.0
64 58.2 37.7 77.7

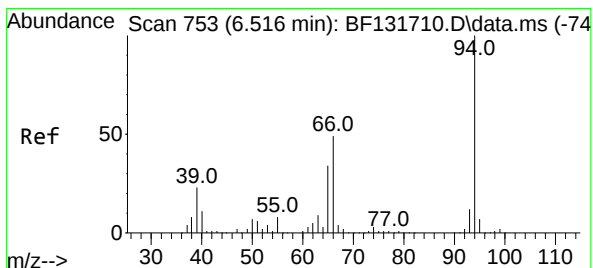
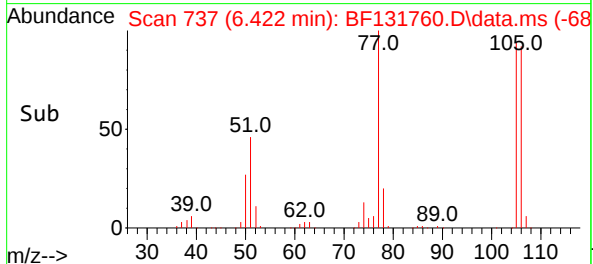
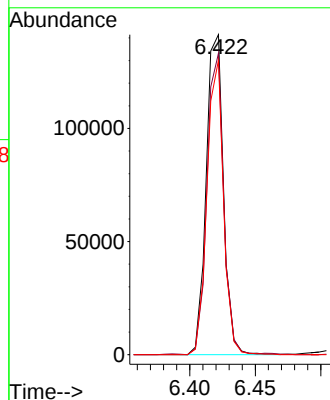
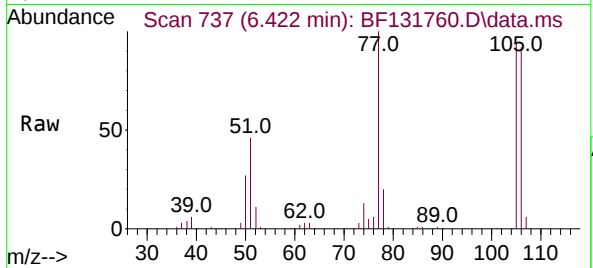




#9
Benzaldehyde
Concen: 31.900 ng
RT: 6.422 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

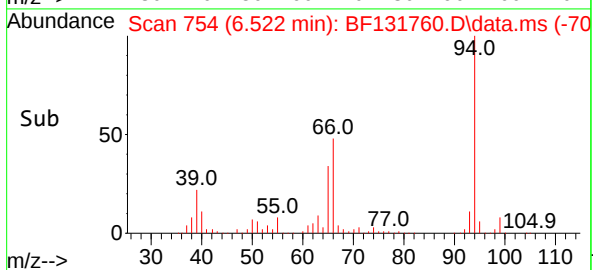
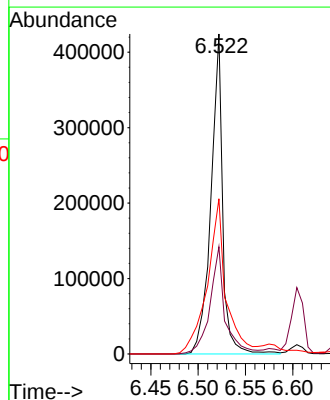
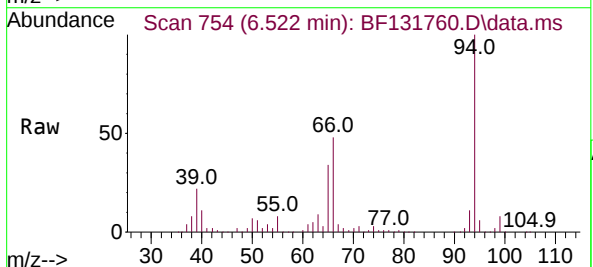
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BNA_F
ClientSampleId :
C3MS

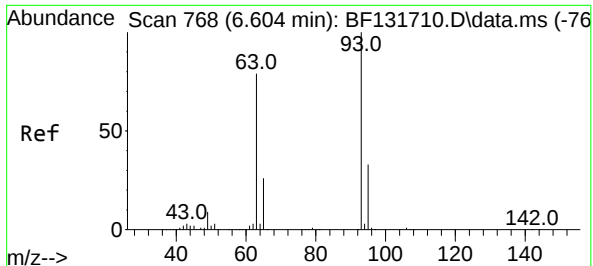
Tgt Ion: 77 Resp: 130078
Ion Ratio Lower Upper
77 100
105 94.2 72.4 112.4
106 92.0 66.5 106.5



#10
Phenol
Concen: 45.074 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

Tgt Ion: 94 Resp: 365110
Ion Ratio Lower Upper
94 100
65 33.5 14.0 54.0
66 48.5 28.8 68.8





#11

bis(2-Chloroethyl)ether

Concen: 60.613 ng

RT: 6.604 min Scan# 768

Delta R.T. 0.000 min

Lab File: BF131760.D

Acq: 21 Dec 2022 23:03

Instrument :

BNA_F

ClientSampleId :

C3MS

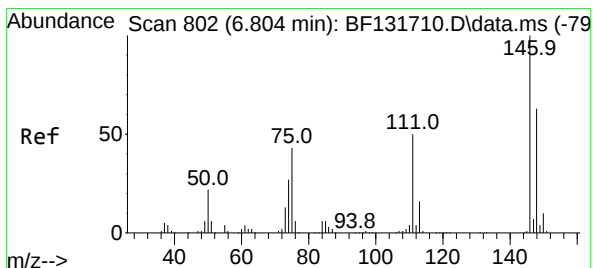
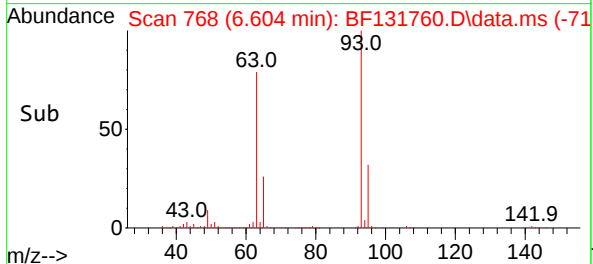
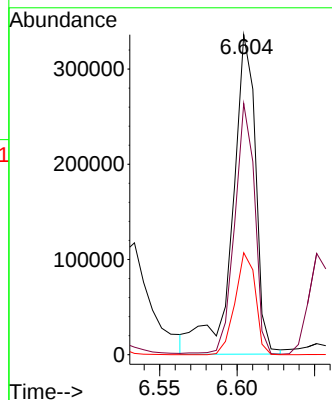
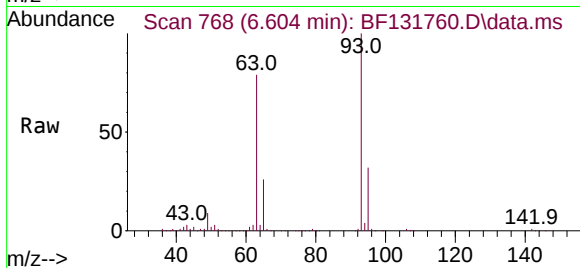
Tgt Ion: 93 Resp: 351347

Ion Ratio Lower Upper

93 100

63 78.5 59.0 99.0

95 31.9 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 47.974 ng

RT: 6.804 min Scan# 802

Delta R.T. 0.000 min

Lab File: BF131760.D

Acq: 21 Dec 2022 23:03

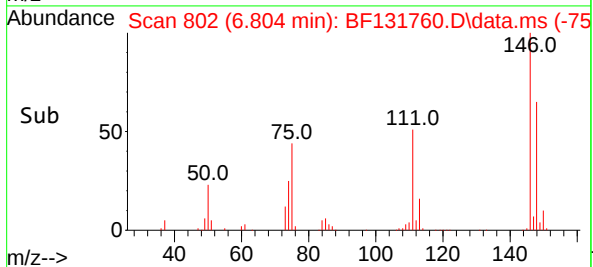
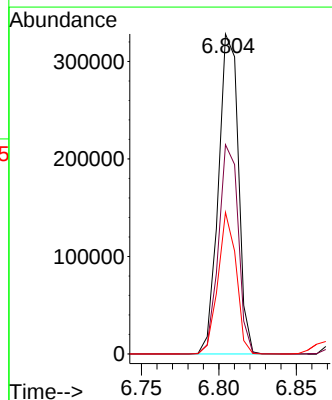
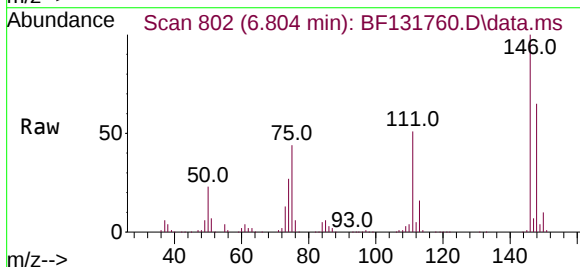
Tgt Ion: 146 Resp: 293593

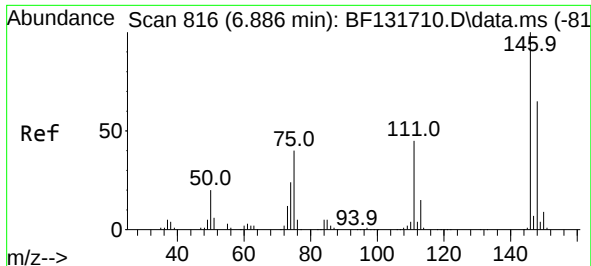
Ion Ratio Lower Upper

146 100

148 65.4 50.6 76.0

75 44.2 34.3 51.5

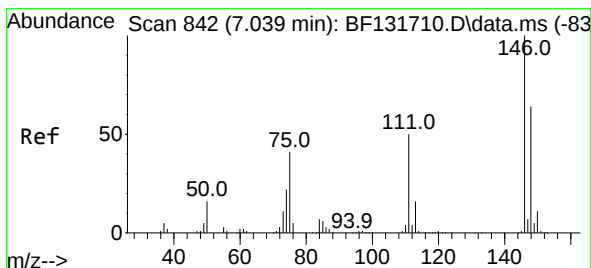
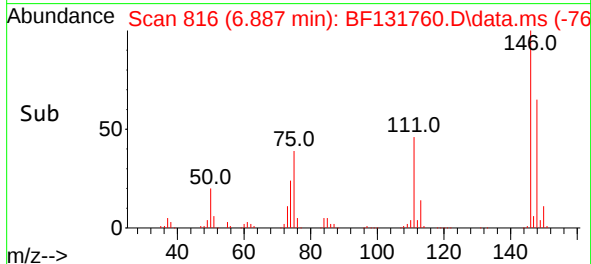
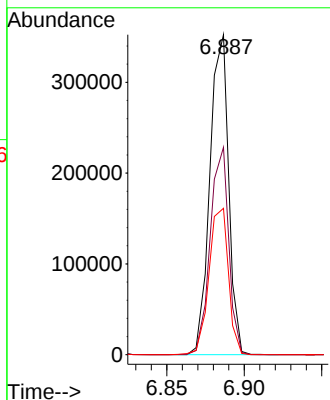
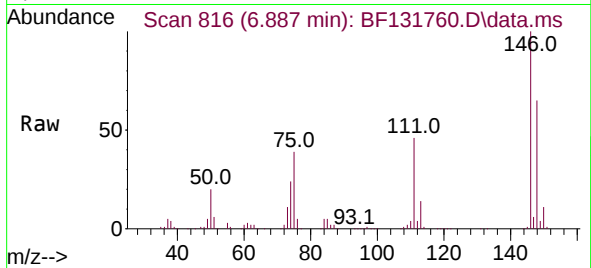




#13
1,4-Dichlorobenzene
Concen: 47.353 ng
RT: 6.887 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

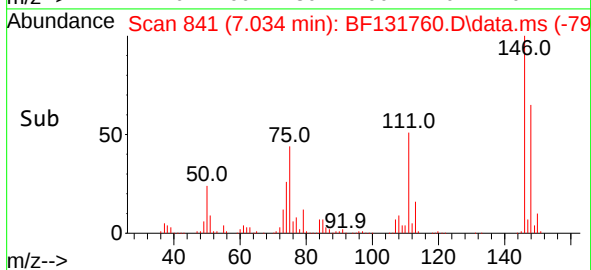
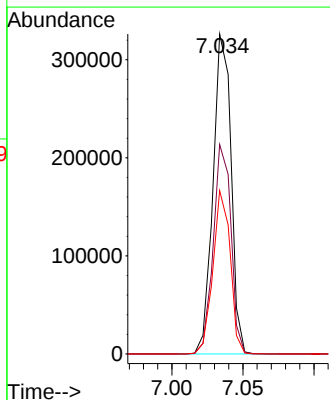
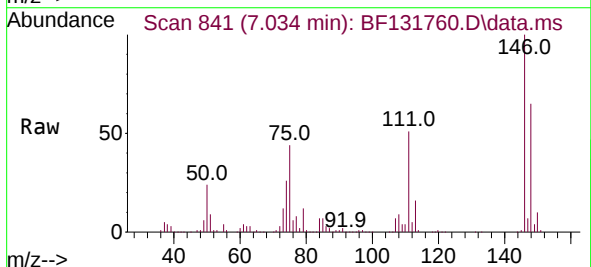
Instrument :
BNA_F
ClientSampleId :
C3MS

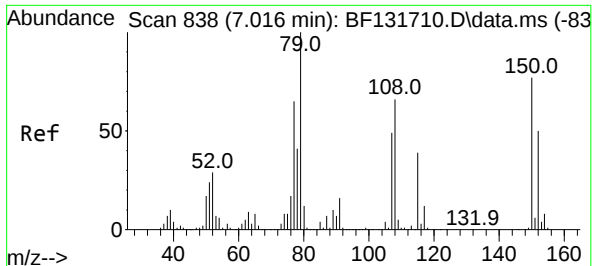
Tgt Ion:146 Resp: 296223
Ion Ratio Lower Upper
146 100
148 64.8 52.2 78.4
111 45.8 36.4 54.6



#14
1,2-Dichlorobenzene
Concen: 48.972 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

Tgt Ion:146 Resp: 286833
Ion Ratio Lower Upper
146 100
148 65.4 51.4 77.0
111 51.1 39.8 59.6

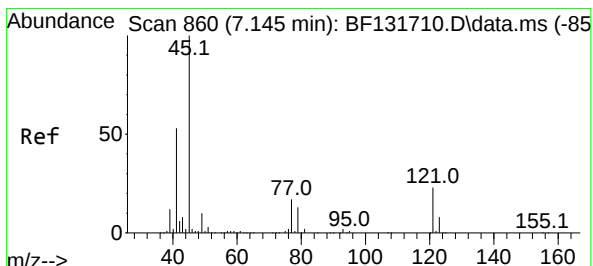
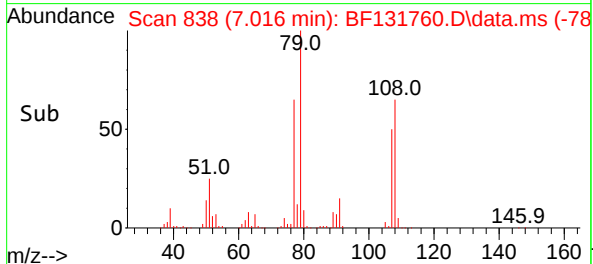
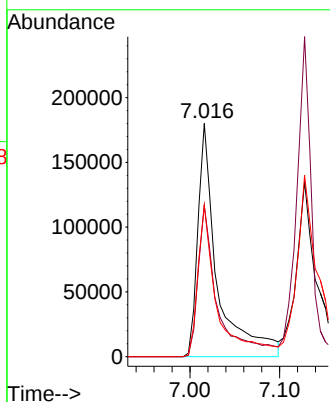
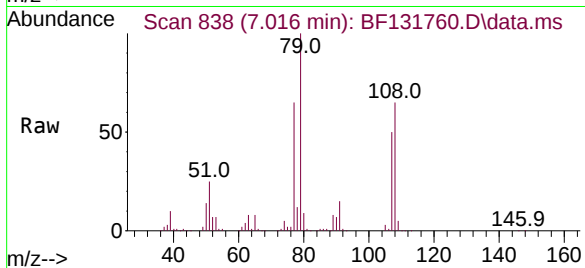




#15
Benzyl Alcohol
Concen: 44.896 ng
RT: 7.016 min Scan# 838
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

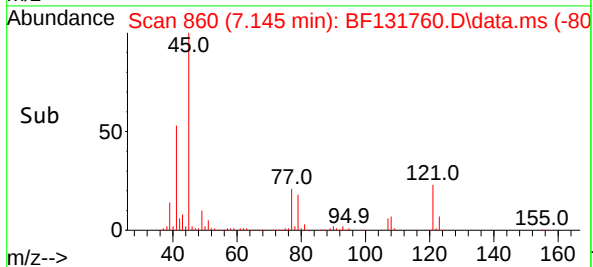
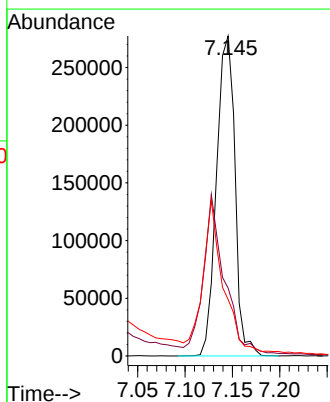
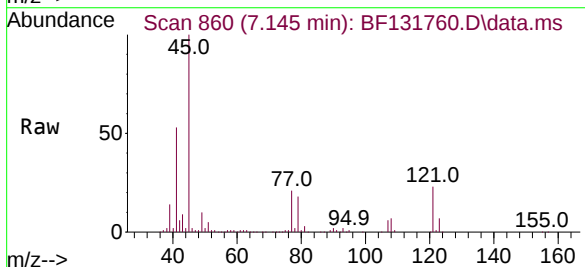
Instrument :
BNA_F
ClientSampleId :
C3MS

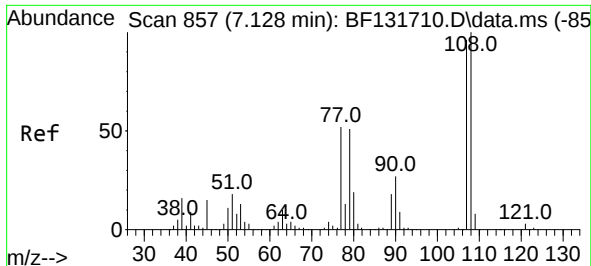
Tgt Ion: 79 Resp: 272056
Ion Ratio Lower Upper
79 100
108 64.9 52.6 78.8
77 64.8 51.7 77.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.006 ng
RT: 7.145 min Scan# 860
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

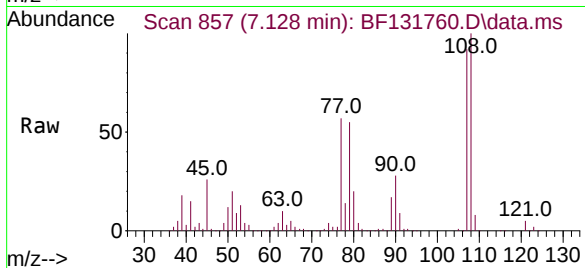
Tgt Ion: 45 Resp: 376993
Ion Ratio Lower Upper
45 100
77 21.2 0.0 36.8
79 17.7 0.0 33.1



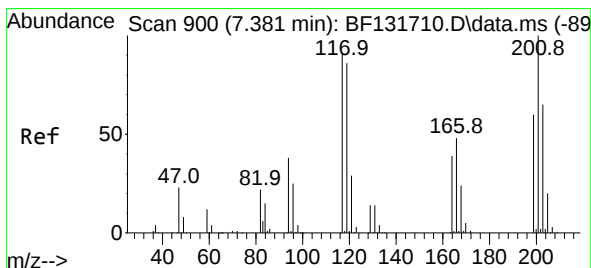
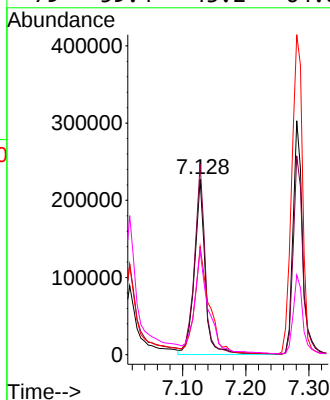
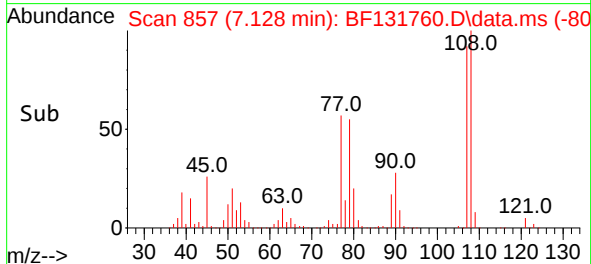


#17
2-Methylphenol
Concen: 52.484 ng
RT: 7.128 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

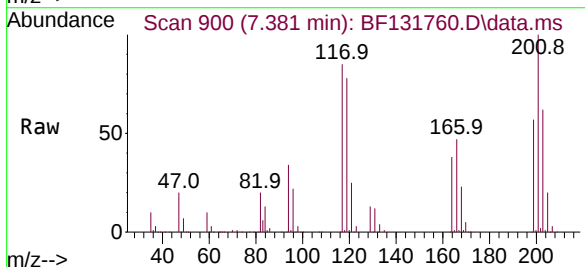
Instrument :
BNA_F
ClientSampleId :
C3MS



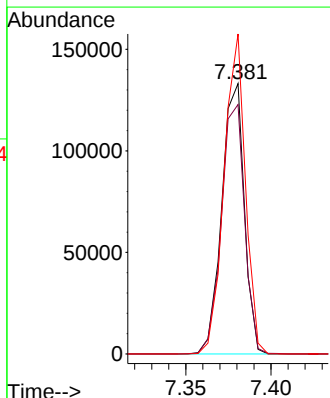
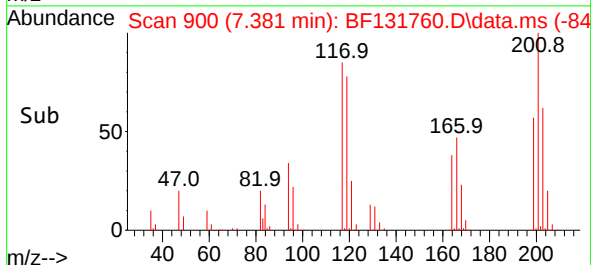
Tgt Ion:107 Resp: 268241
Ion Ratio Lower Upper
107 100
108 108.6 83.8 125.6
77 61.6 43.8 65.8
79 59.4 43.2 64.8

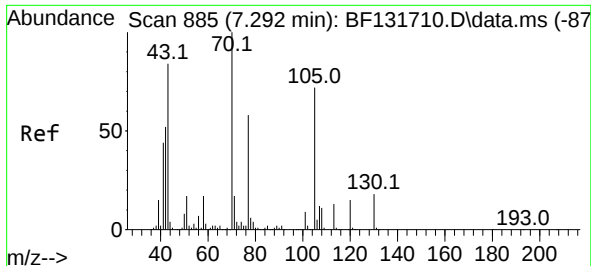


#18
Hexachloroethane
Concen: 49.482 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03



Tgt Ion:117 Resp: 122705
Ion Ratio Lower Upper
117 100
119 92.2 75.8 113.8
201 118.3 88.2 132.4





#19

n-Nitroso-di-n-propylamine

Concen: 50.087 ng

RT: 7.287 min Scan# 884

Delta R.T. -0.006 min

Lab File: BF131760.D

Acq: 21 Dec 2022 23:03

Instrument :

BNA_F

ClientSampleId :

C3MS

Tgt Ion: 70 Resp: 245075

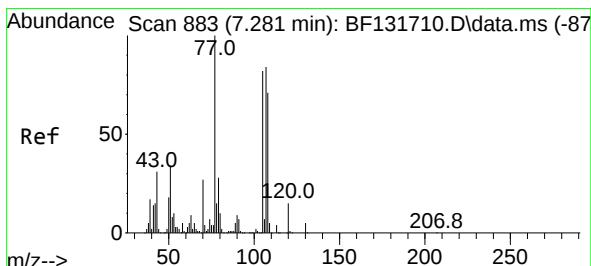
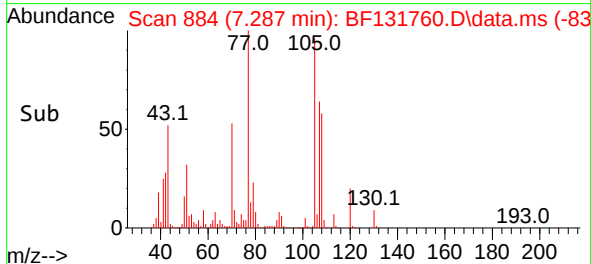
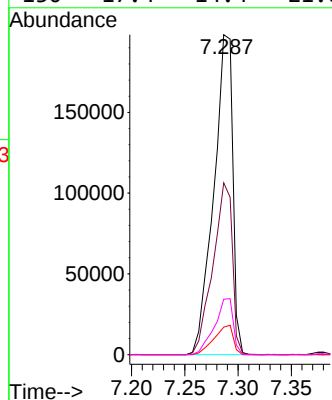
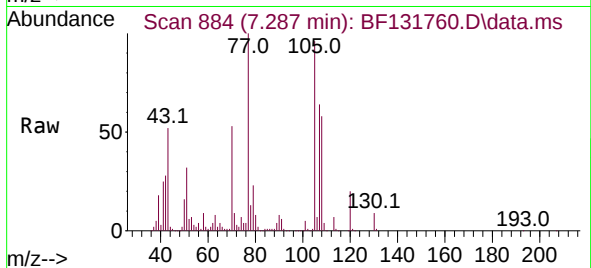
Ion Ratio Lower Upper

70 100

42 53.7 41.5 62.3

101 8.6 7.3 10.9

130 17.4 14.4 21.6



#20

3+4-Methylphenols

Concen: 47.766 ng

RT: 7.281 min Scan# 883

Delta R.T. 0.000 min

Lab File: BF131760.D

Acq: 21 Dec 2022 23:03

Tgt Ion:107 Resp: 314201

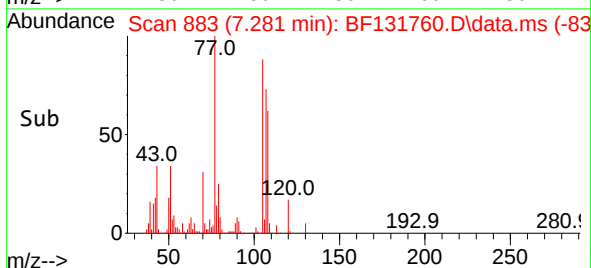
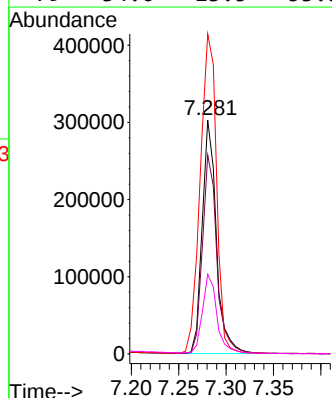
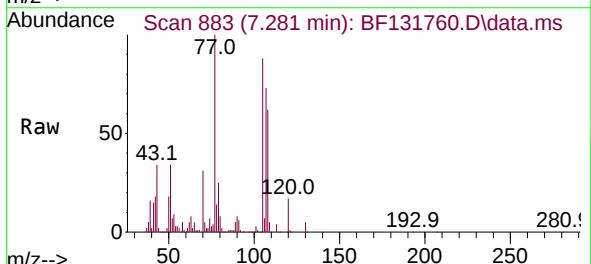
Ion Ratio Lower Upper

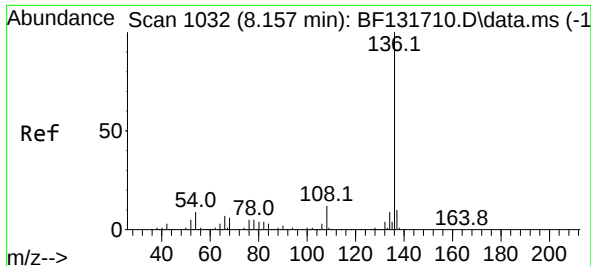
107 100

108 85.0 65.2 105.2

77 136.8 99.6 139.6

79 34.0 13.5 53.5

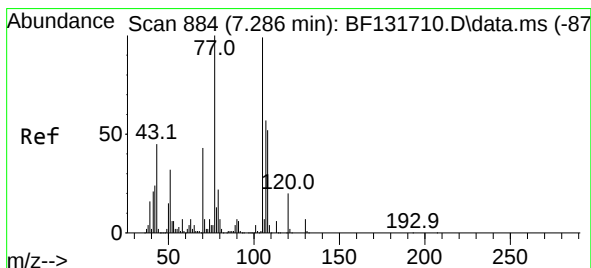
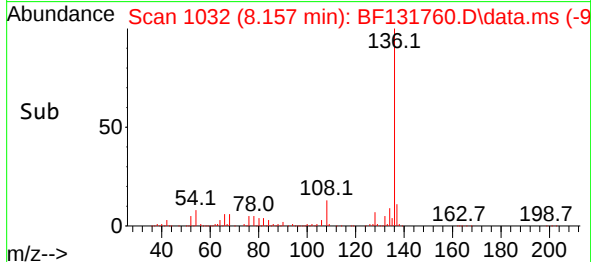
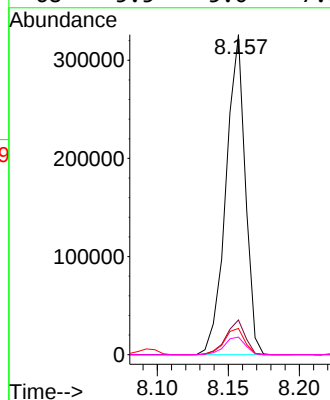
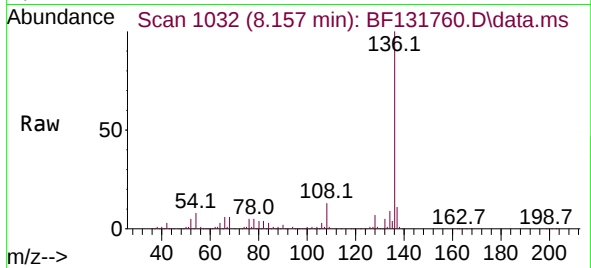




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

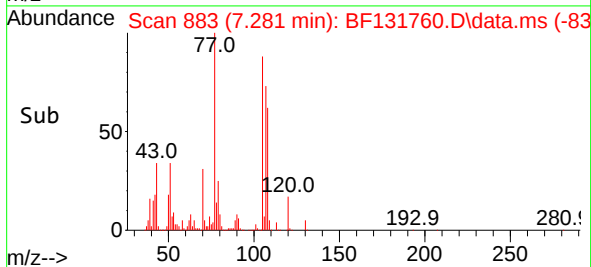
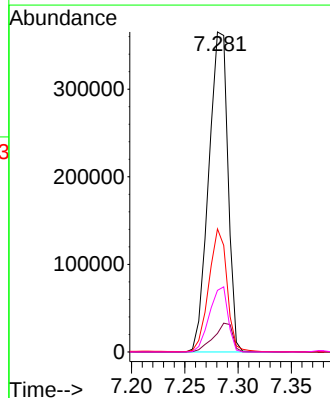
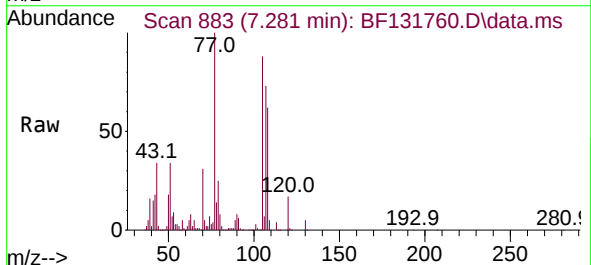
Instrument :
BNA_F
ClientSampleId :
C3MS

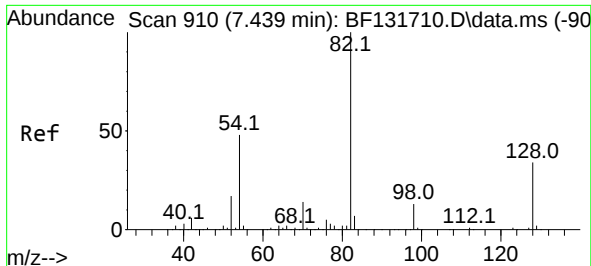
Tgt Ion:136 Resp: 307375
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 8.2 7.2 10.8
68 5.5 5.0 7.6



#22
Acetophenone
Concen: 51.077 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

Tgt Ion:105 Resp: 458166
Ion Ratio Lower Upper
105 100
71 5.8 5.5 8.3
51 38.4 25.5 38.3#
120 19.3 15.9 23.9





#23

Nitrobenzene-d5

Concen: 96.556 ng

RT: 7.439 min Scan# 910

Delta R.T. 0.000 min

Lab File: BF131760.D

Acq: 21 Dec 2022 23:03

Instrument :

BNA_F

ClientSampleId :

C3MS

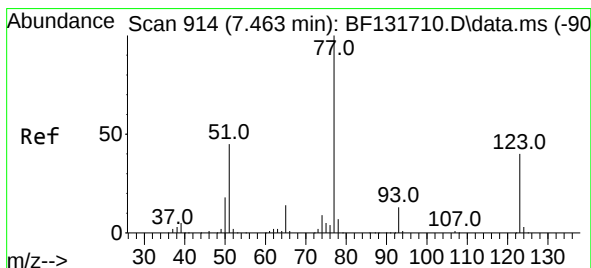
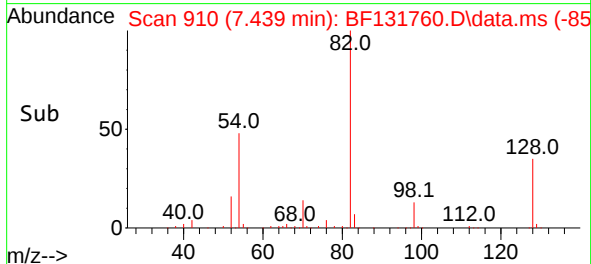
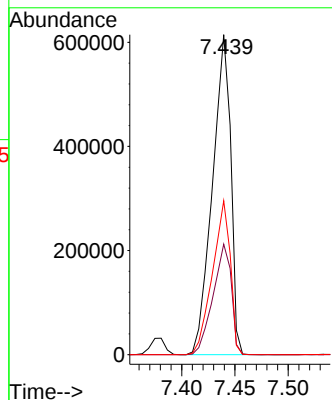
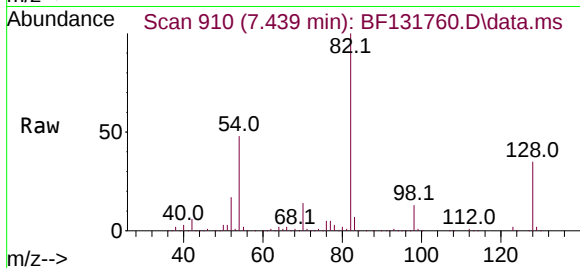
Tgt Ion: 82 Resp: 731077

Ion Ratio Lower Upper

82 100

128 34.5 27.3 40.9

54 48.1 38.2 57.2



#24

Nitrobenzene

Concen: 49.249 ng

RT: 7.457 min Scan# 913

Delta R.T. -0.006 min

Lab File: BF131760.D

Acq: 21 Dec 2022 23:03

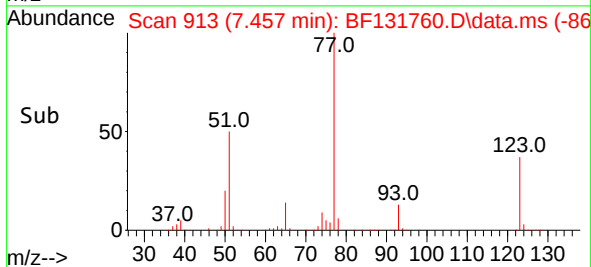
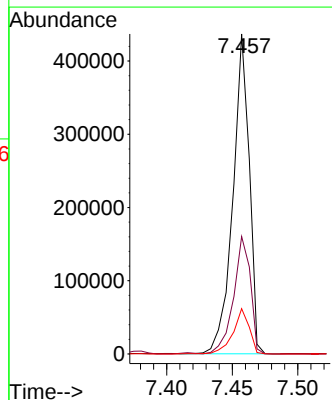
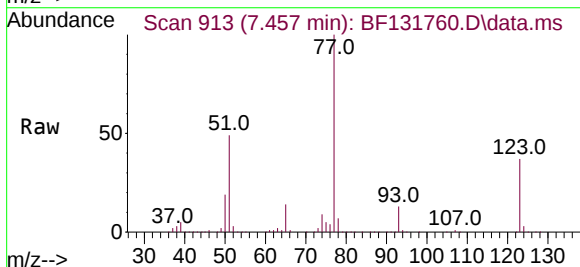
Tgt Ion: 77 Resp: 379084

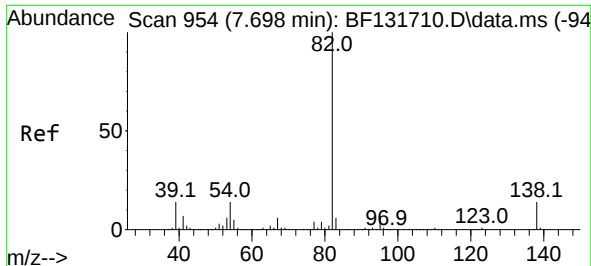
Ion Ratio Lower Upper

77 100

123 36.7 31.8 47.6

65 14.1 10.9 16.3

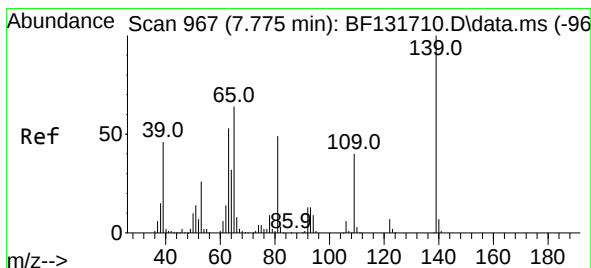
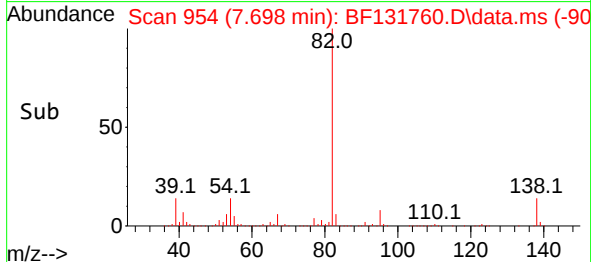
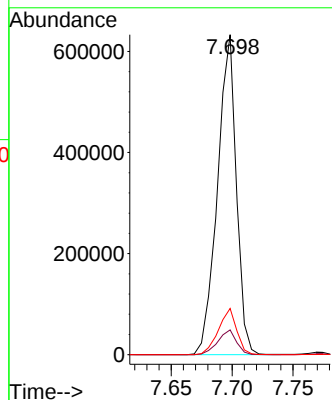
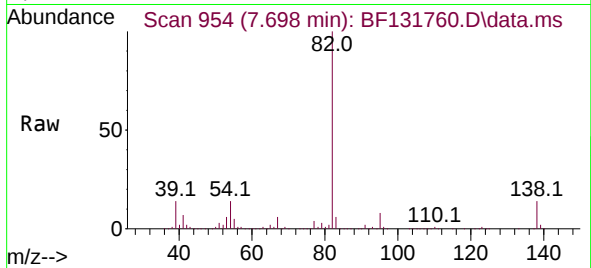




#25
Isophorone
Concen: 53.162 ng
RT: 7.698 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

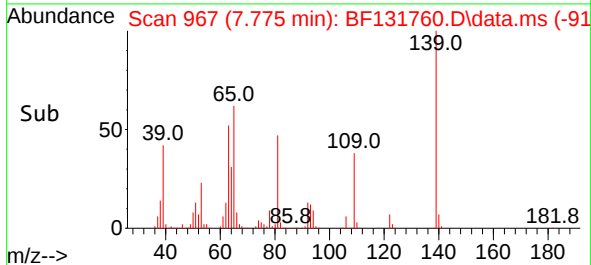
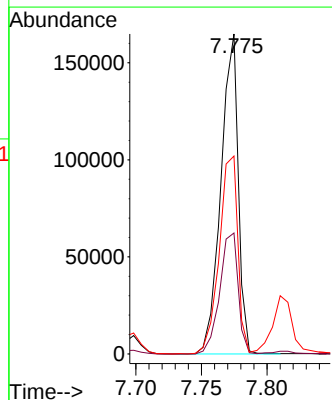
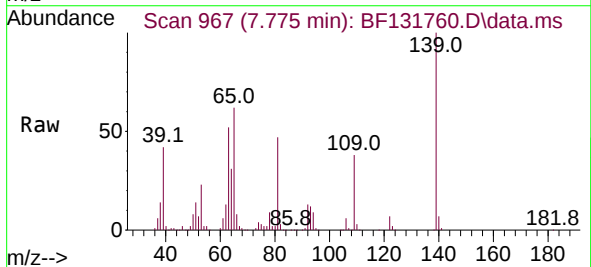
Instrument :
BNA_F
ClientSampleId :
C3MS

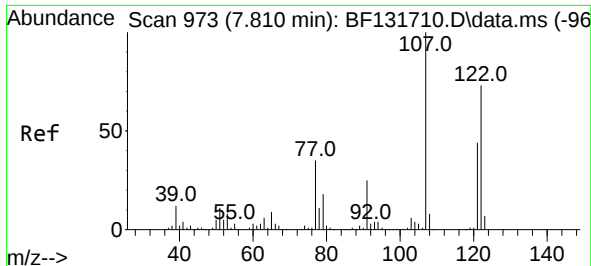
Tgt Ion: 82 Resp: 683581
Ion Ratio Lower Upper
82 100
95 7.8 5.8 8.6
138 14.4 11.6 17.4



#26
2-Nitrophenol
Concen: 50.355 ng
RT: 7.775 min Scan# 967
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

Tgt Ion: 139 Resp: 151480
Ion Ratio Lower Upper
139 100
109 37.8 31.8 47.6
65 61.8 51.4 77.0





#27

2,4-Dimethylphenol

Concen: 58.807 ng

RT: 7.816 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF131760.D

Acq: 21 Dec 2022 23:03

Instrument :

BNA_F

ClientSampleId :

C3MS

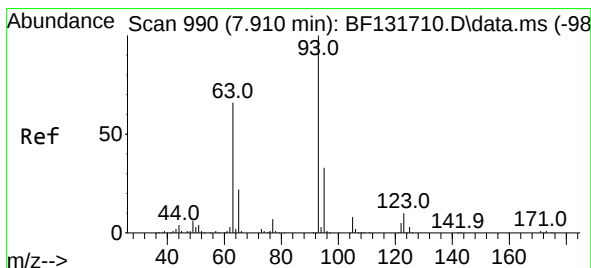
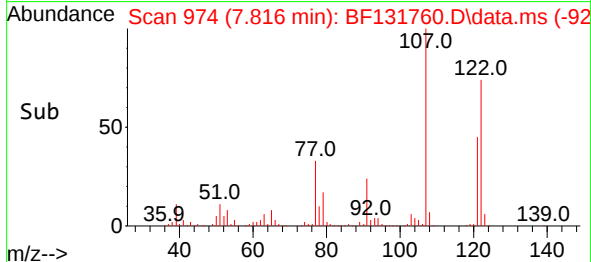
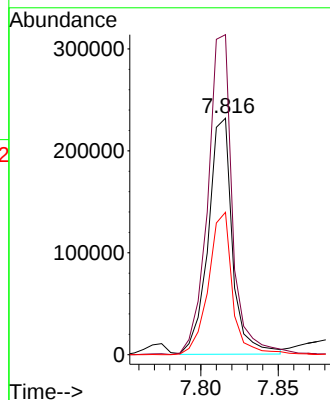
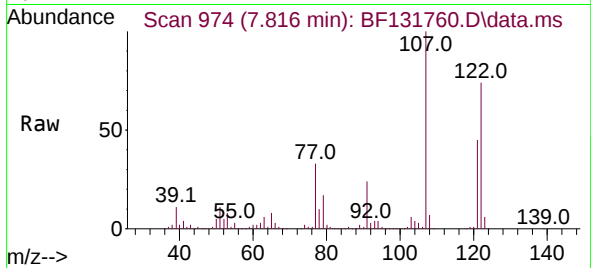
Tgt Ion:122 Resp: 251962

Ion Ratio Lower Upper

122 100

107 135.3 110.1 165.1

121 60.2 47.9 71.9



#28

bis(2-Chloroethoxy)methane

Concen: 56.262 ng

RT: 7.904 min Scan# 989

Delta R.T. -0.006 min

Lab File: BF131760.D

Acq: 21 Dec 2022 23:03

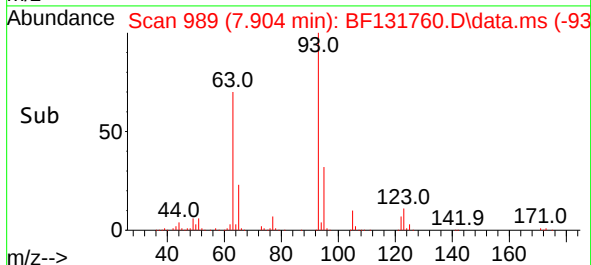
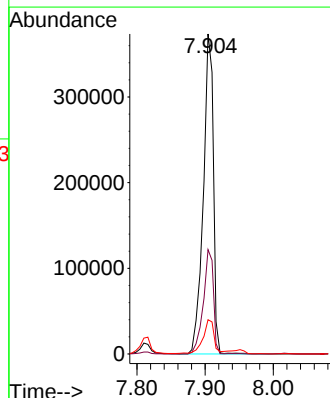
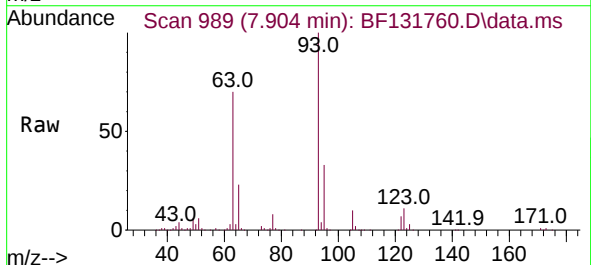
Tgt Ion: 93 Resp: 384165

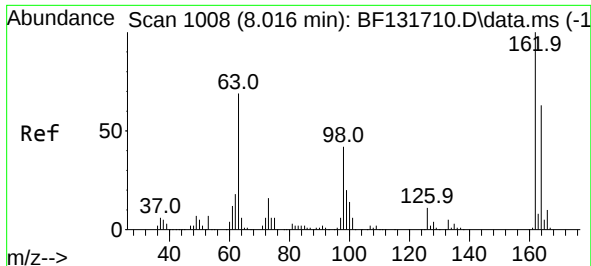
Ion Ratio Lower Upper

93 100

95 32.6 26.0 39.0

123 10.7 8.2 12.2





#29

2,4-Dichlorophenol

Concen: 49.886 ng

RT: 8.016 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BF131760.D

Acq: 21 Dec 2022 23:03

Instrument :

BNA_F

ClientSampleId :

C3MS

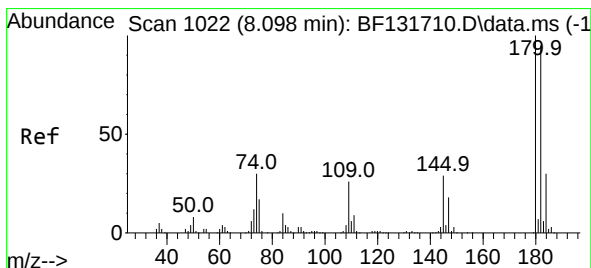
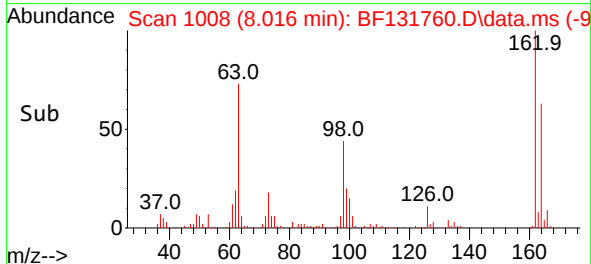
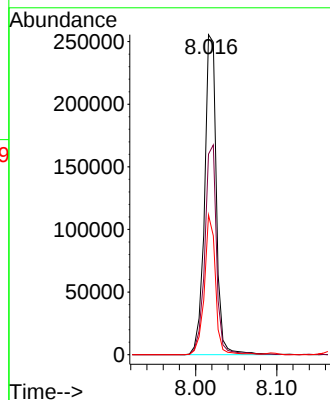
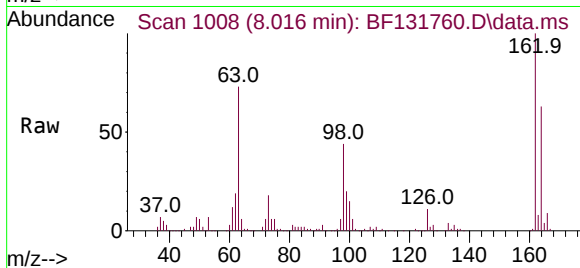
Tgt Ion:162 Resp: 258033

Ion Ratio Lower Upper

162 100

164 62.7 42.9 82.9

98 43.6 21.9 61.9



#30

1,2,4-Trichlorobenzene

Concen: 48.962 ng

RT: 8.098 min Scan# 1022

Delta R.T. 0.000 min

Lab File: BF131760.D

Acq: 21 Dec 2022 23:03

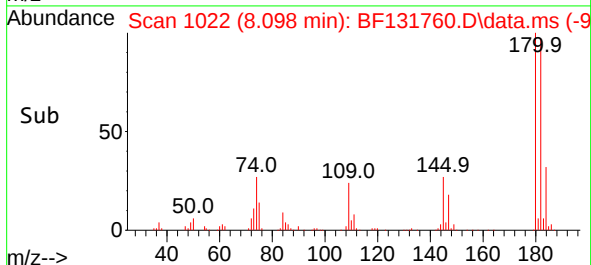
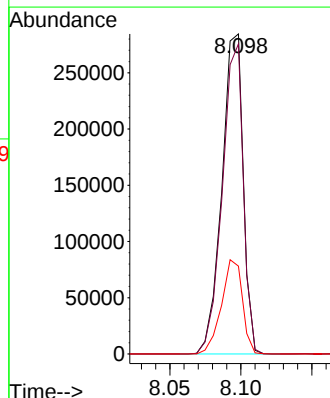
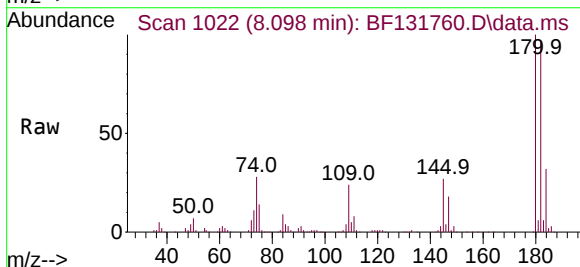
Tgt Ion:180 Resp: 297722

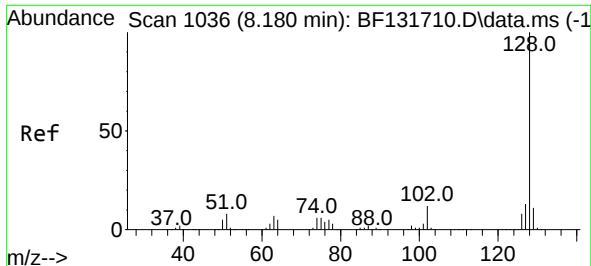
Ion Ratio Lower Upper

180 100

182 96.9 76.1 114.1

145 27.5 23.4 35.0

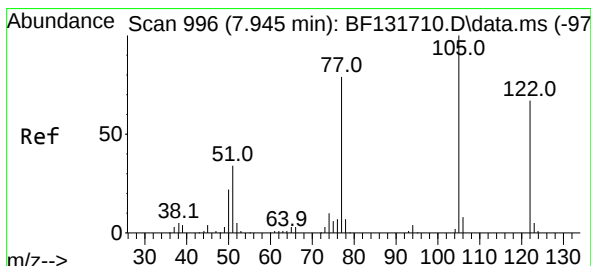
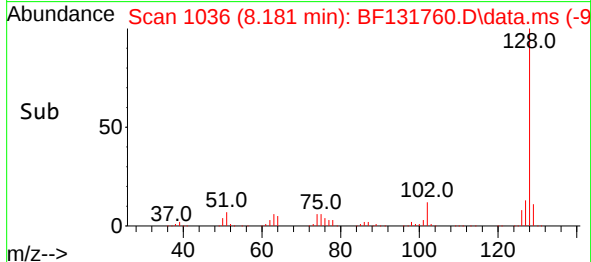
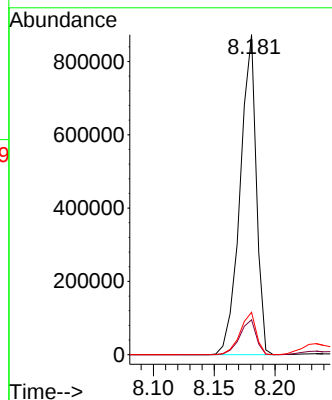
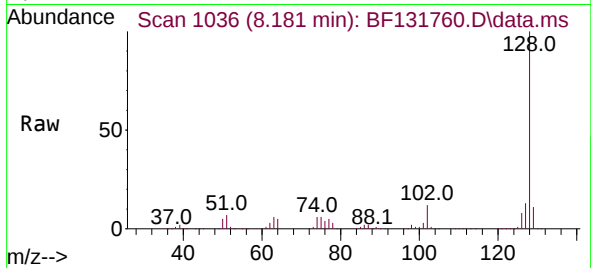




#31
Naphthalene
Concen: 48.081 ng
RT: 8.181 min Scan# 1036
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

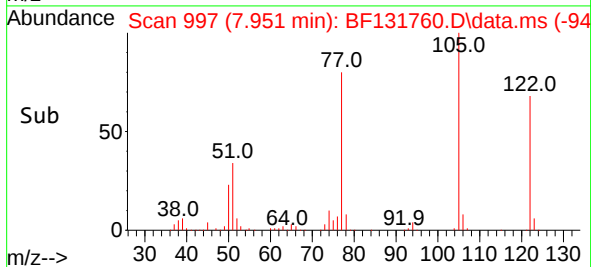
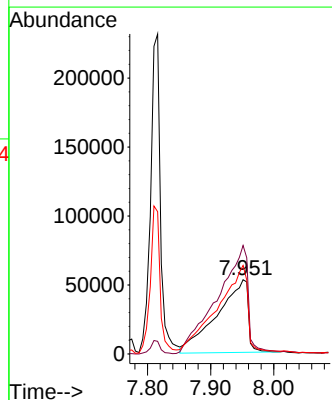
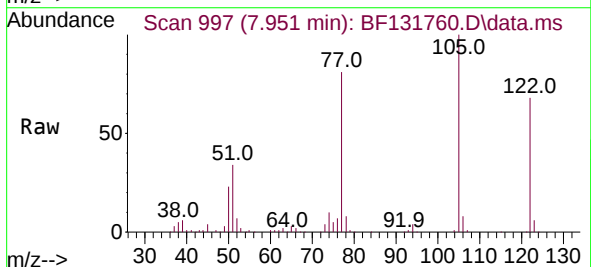
Instrument :
BNA_F
ClientSampleId :
C3MS

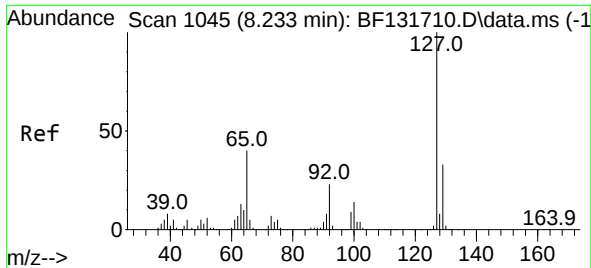
Tgt Ion:128 Resp: 807118
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.2 10.6 15.8



#32
Benzoic acid
Concen: 52.829 ng
RT: 7.951 min Scan# 997
Delta R.T. 0.006 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

Tgt Ion:122 Resp: 181184
Ion Ratio Lower Upper
122 100
105 146.1 125.1 165.1
77 119.0 95.3 135.3

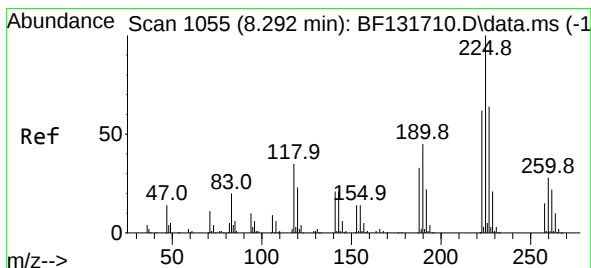
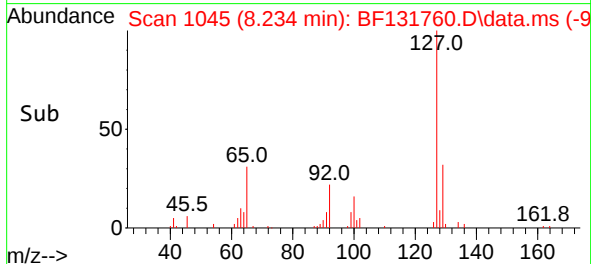
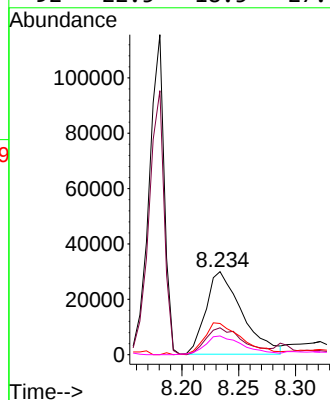
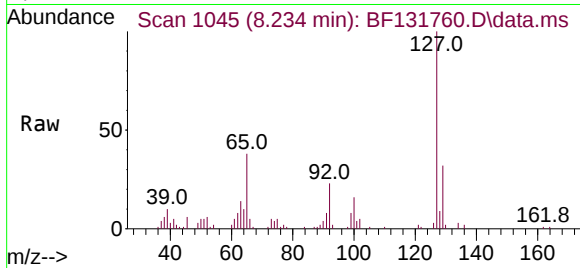




#33
4-Chloroaniline
Concen: 10.075 ng
RT: 8.234 min Scan# 1045
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

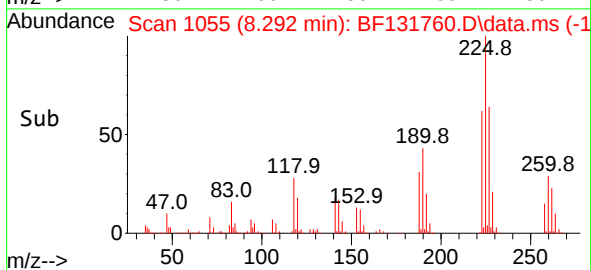
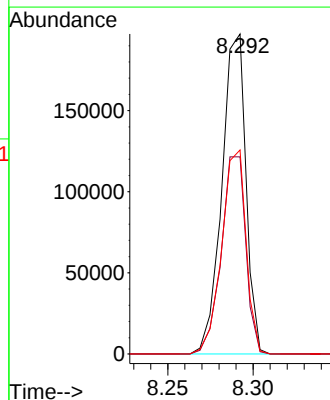
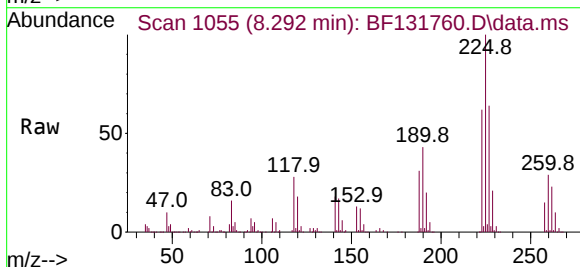
Instrument :
BNA_F
ClientSampleId :
C3MS

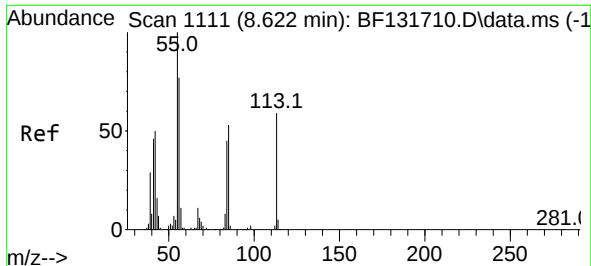
Tgt Ion:	127	Resp:	65959
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.1	39.1
65	37.7	31.8	47.6
92	22.5	18.5	27.7



#34
Hexachlorobutadiene
Concen: 47.344 ng
RT: 8.292 min Scan# 1055
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

Tgt Ion:	225	Resp:	193691
Ion	Ratio	Lower	Upper
225	100		
223	61.6	49.5	74.3
227	63.8	51.0	76.4

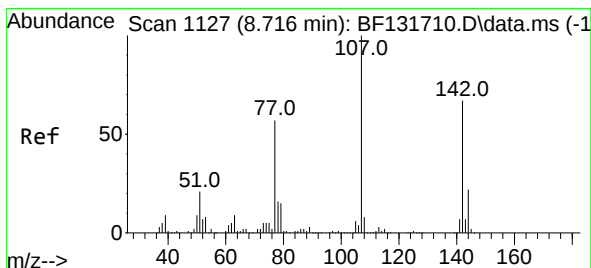
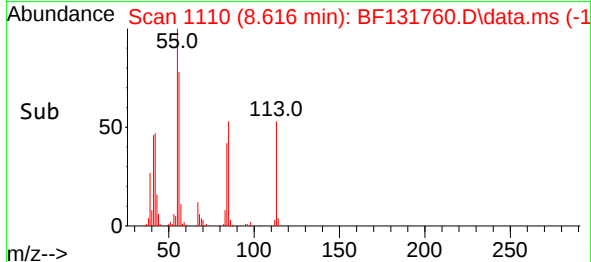
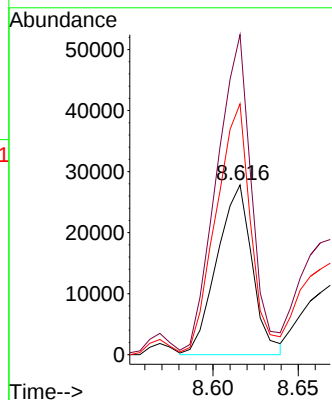
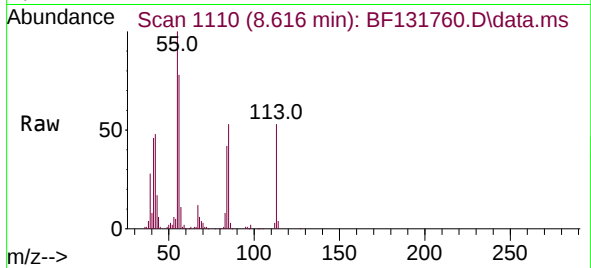




#35
 Caprolactam
 Concen: 25.680 ng
 RT: 8.616 min Scan# 1110
 Delta R.T. -0.006 min
 Lab File: BF131760.D
 Acq: 21 Dec 2022 23:03

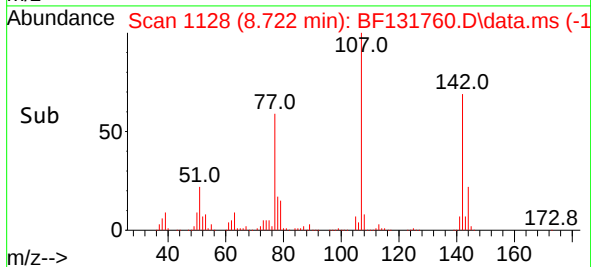
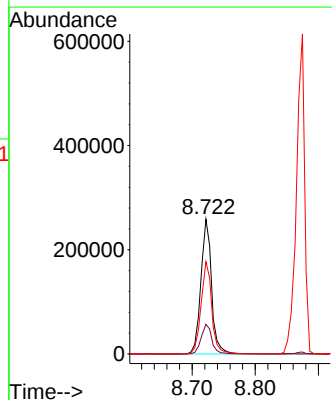
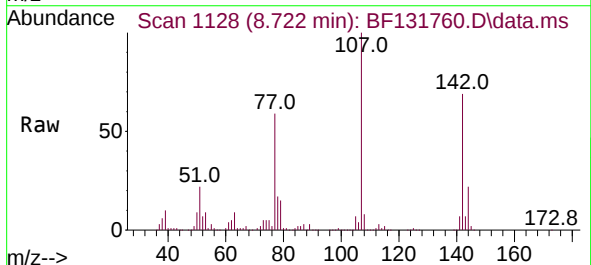
Instrument :
 BNA_F
 ClientSampleId :
 C3MS

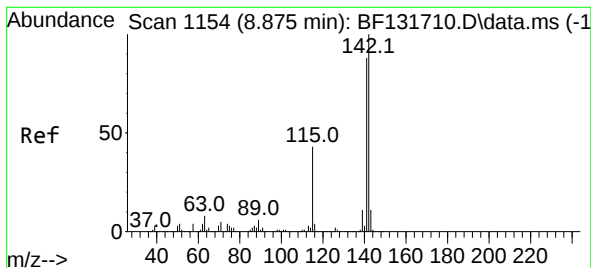
Tgt Ion:113 Resp: 40051
 Ion Ratio Lower Upper
 113 100
 55 188.6 149.0 189.0
 56 147.8 109.5 149.5



#36
 4-Chloro-3-methylphenol
 Concen: 51.437 ng
 RT: 8.722 min Scan# 1128
 Delta R.T. 0.006 min
 Lab File: BF131760.D
 Acq: 21 Dec 2022 23:03

Tgt Ion:107 Resp: 303921
 Ion Ratio Lower Upper
 107 100
 144 22.0 17.5 26.3
 142 68.6 53.4 80.0





#37

2-Methylnaphthalene

Concen: 48.876 ng

RT: 8.875 min Scan# 1154

Delta R.T. 0.000 min

Lab File: BF131760.D

Acq: 21 Dec 2022 23:03

Instrument :

BNA_F

ClientSampleId :

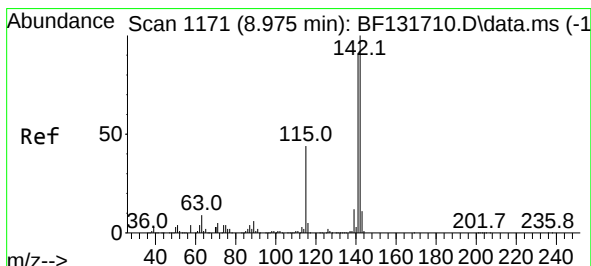
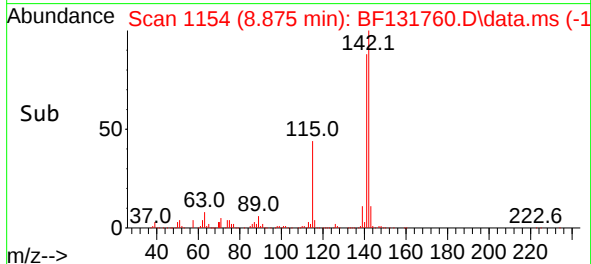
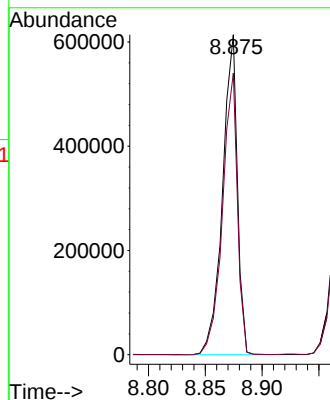
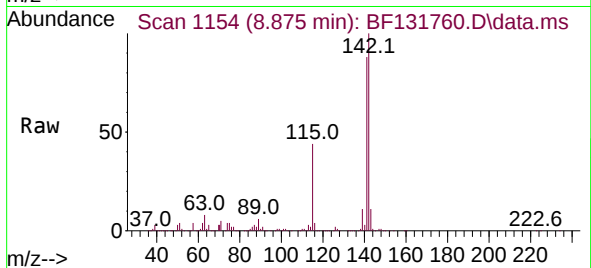
C3MS

Tgt Ion:142 Resp: 559663

Ion Ratio Lower Upper

142 100

141 88.0 70.4 105.6



#38

1-Methylnaphthalene

Concen: 46.398 ng

RT: 8.975 min Scan# 1171

Delta R.T. 0.000 min

Lab File: BF131760.D

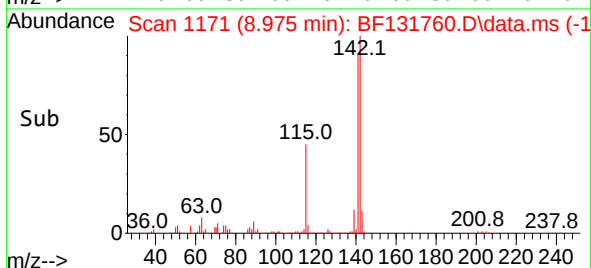
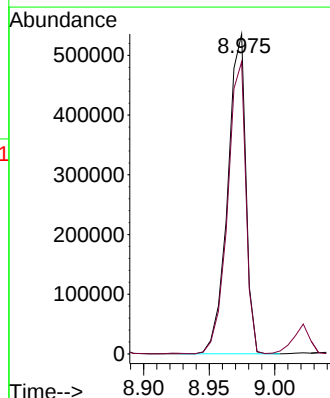
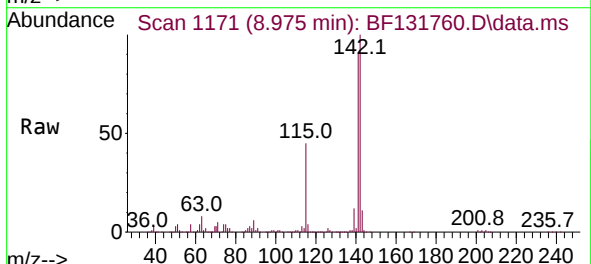
Acq: 21 Dec 2022 23:03

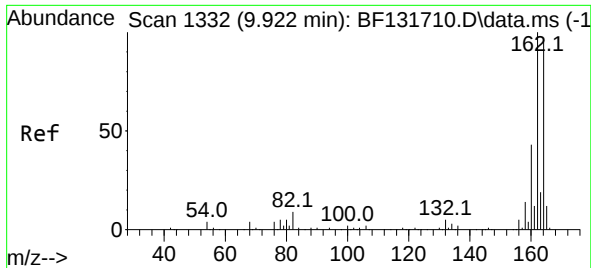
Tgt Ion:142 Resp: 514562

Ion Ratio Lower Upper

142 100

141 91.3 73.0 109.6

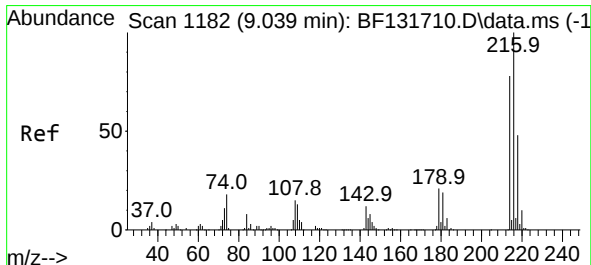
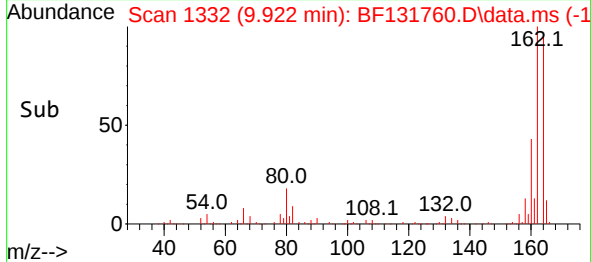
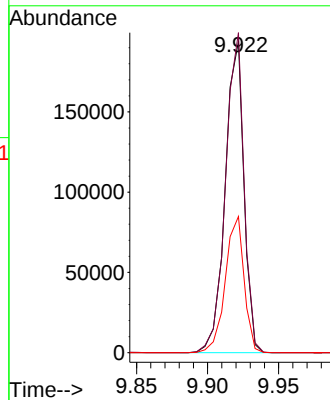
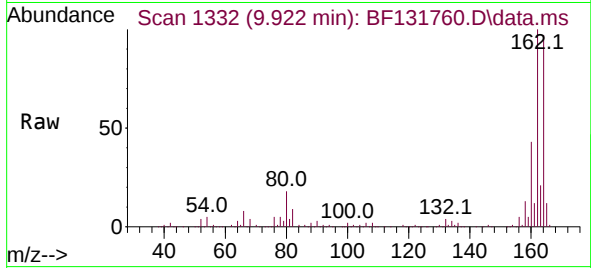




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1182
Delta R.T. -0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

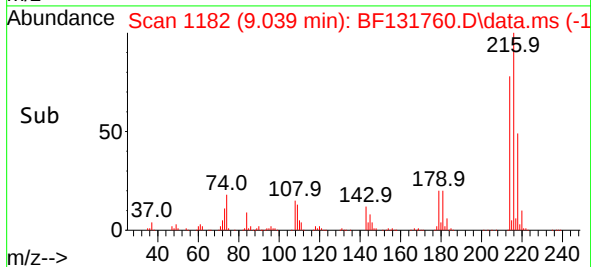
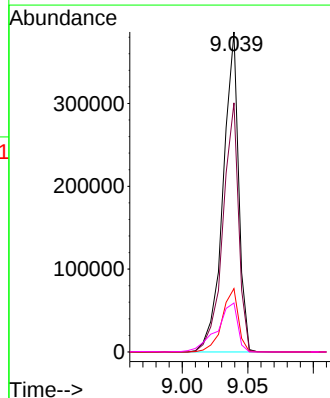
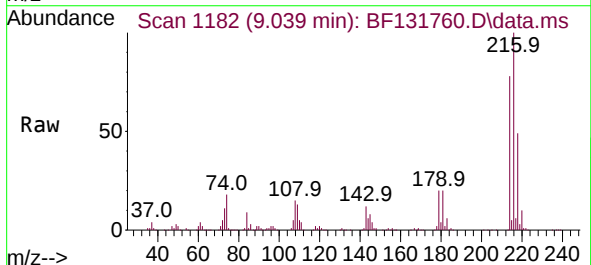
Instrument :
BNA_F
ClientSampleId :
C3MS

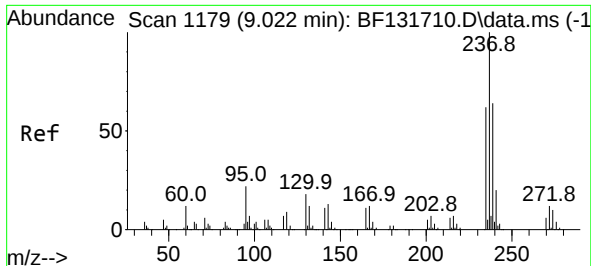
Tgt Ion:164 Resp: 177876
Ion Ratio Lower Upper
164 100
162 102.9 83.7 125.5
160 43.8 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.304 ng
RT: 9.039 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

Tgt Ion:216 Resp: 318307
Ion Ratio Lower Upper
216 100
214 78.5 62.9 94.3
179 20.6 16.3 24.5
108 20.5 14.2 21.4

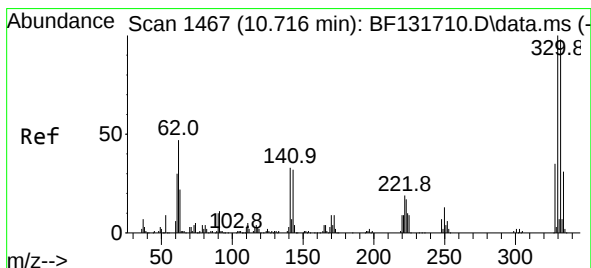
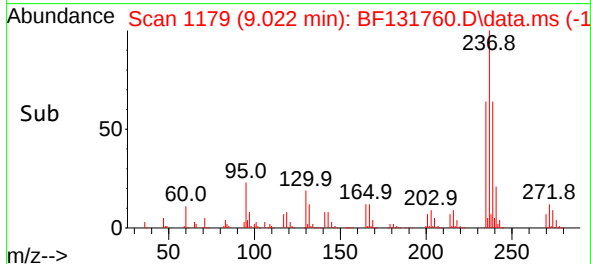
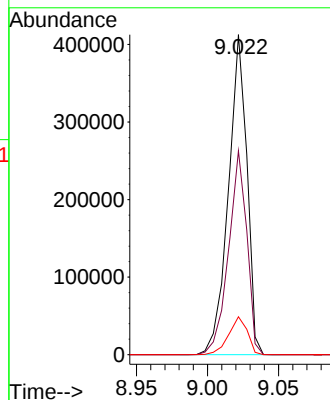
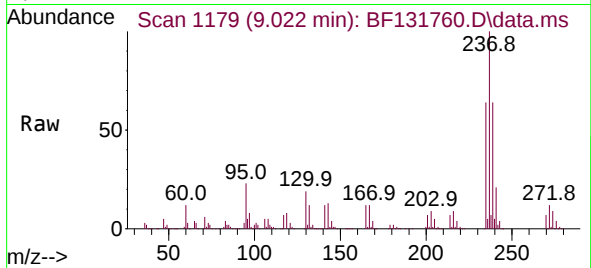




#41
Hexachlorocyclopentadiene
Concen: 135.496 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

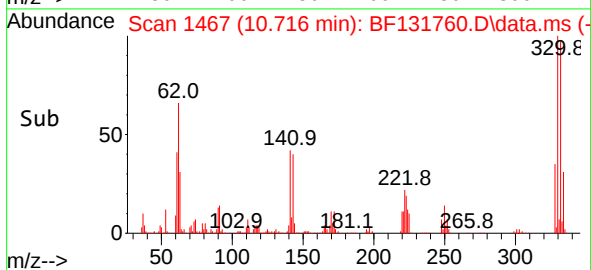
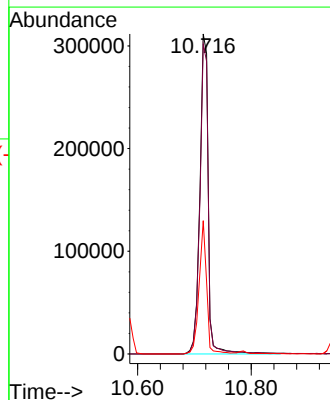
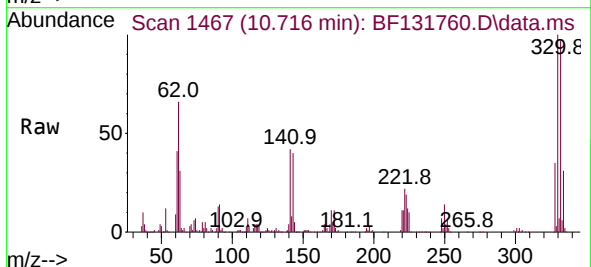
Instrument :
BNA_F
ClientSampleId :
C3MS

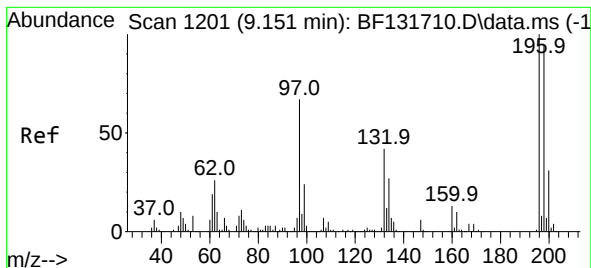
Tgt Ion:237 Resp: 373582
Ion Ratio Lower Upper
237 100
235 63.7 42.2 82.2
272 11.9 0.0 31.7



#42
2,4,6-Tribromophenol
Concen: 165.224 ng
RT: 10.716 min Scan# 1467
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

Tgt Ion:330 Resp: 321679
Ion Ratio Lower Upper
330 100
332 96.0 77.1 115.7
141 37.3 30.4 45.6





#43

2,4,6-Trichlorophenol

Concen: 51.021 ng

RT: 9.151 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF131760.D

Acq: 21 Dec 2022 23:03

Instrument :

BNA_F

ClientSampleId :

C3MS

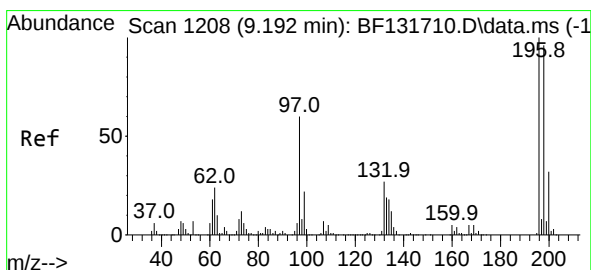
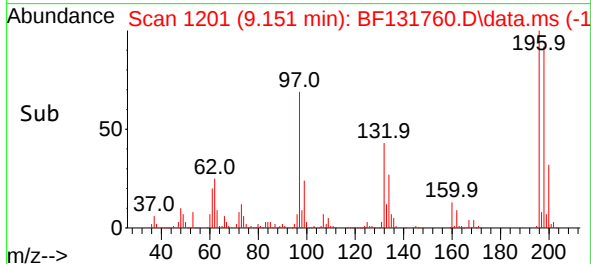
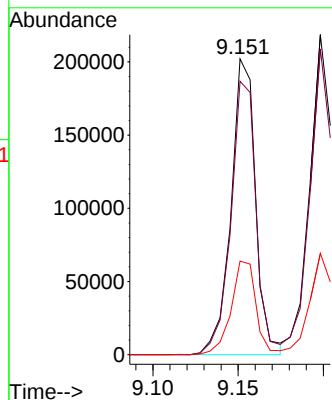
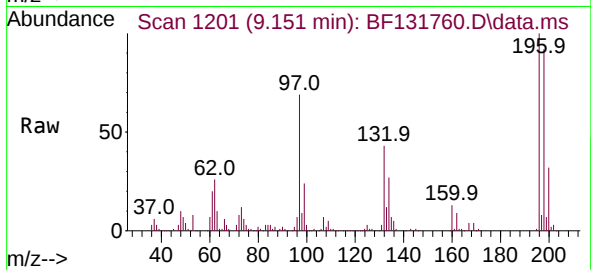
Tgt Ion:196 Resp: 202830

Ion Ratio Lower Upper

196 100

198 92.4 75.5 113.3

200 31.6 25.2 37.8



#44

2,4,5-Trichlorophenol

Concen: 52.562 ng

RT: 9.198 min Scan# 1209

Delta R.T. 0.006 min

Lab File: BF131760.D

Acq: 21 Dec 2022 23:03

Tgt Ion:196 Resp: 226210

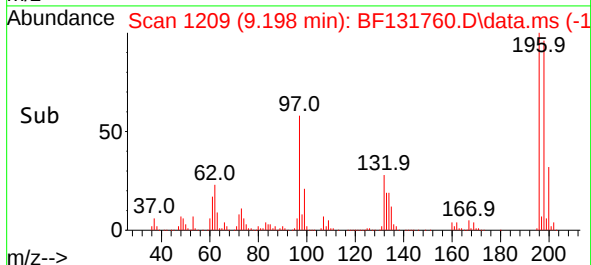
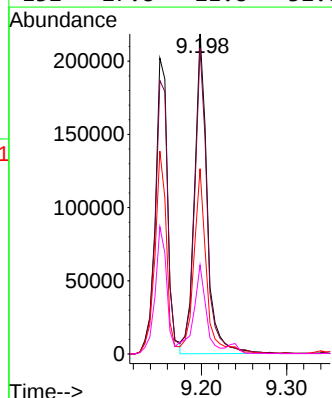
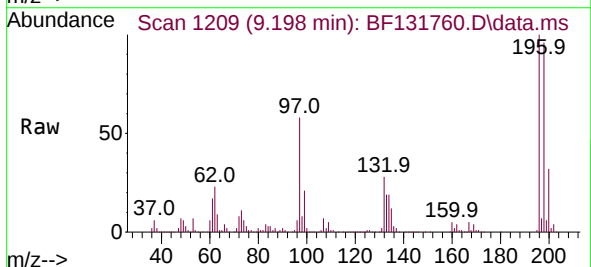
Ion Ratio Lower Upper

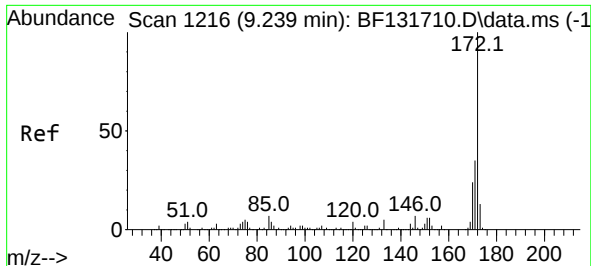
196 100

198 95.6 76.6 114.8

97 57.9 47.7 71.5

132 27.8 21.8 32.8





#45

2-Fluorobiphenyl

Concen: 97.731 ng

RT: 9.239 min Scan# 1216

Delta R.T. 0.000 min

Lab File: BF131760.D

Acq: 21 Dec 2022 23:03

Instrument :

BNA_F

ClientSampleId :

C3MS

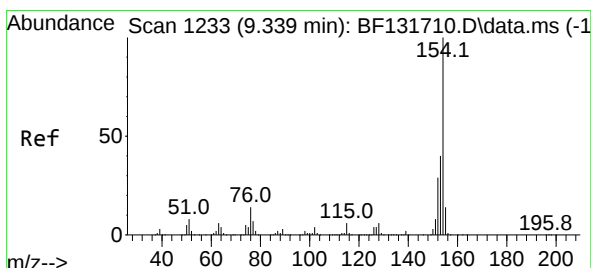
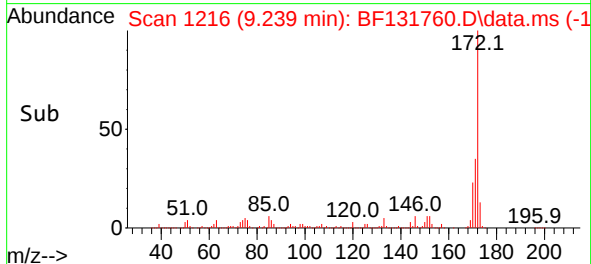
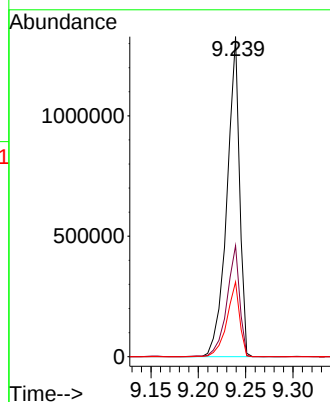
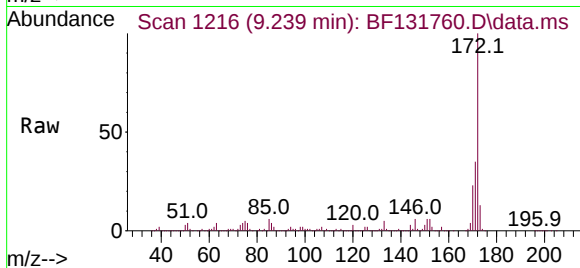
Tgt Ion:172 Resp: 1240986

Ion Ratio Lower Upper

172 100

171 34.7 27.9 41.9

170 23.3 19.0 28.4



#46

1,1'-Biphenyl

Concen: 52.934 ng

RT: 9.339 min Scan# 1233

Delta R.T. 0.000 min

Lab File: BF131760.D

Acq: 21 Dec 2022 23:03

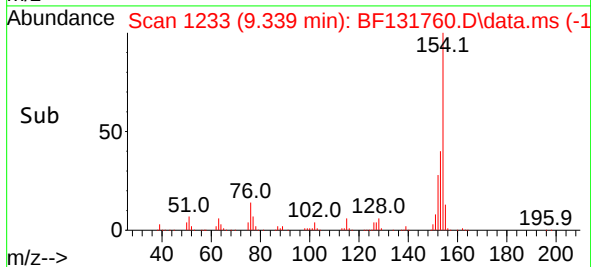
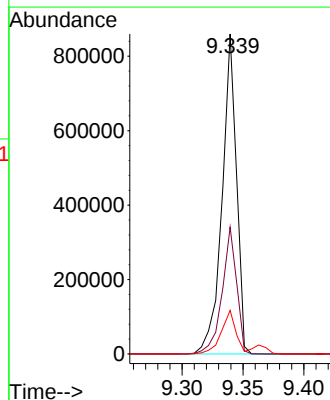
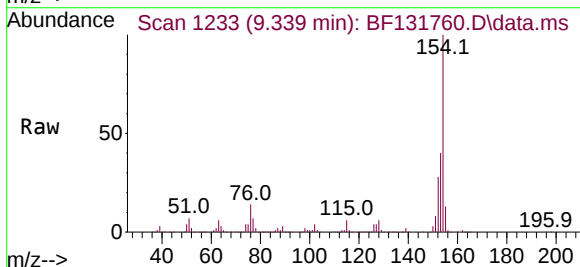
Tgt Ion:154 Resp: 708242

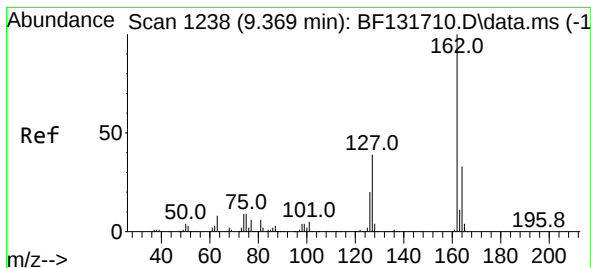
Ion Ratio Lower Upper

154 100

153 39.6 20.1 60.1

76 13.6 0.0 33.6





#47

2-Chloronaphthalene

Concen: 51.205 ng

RT: 9.363 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131760.D

Acq: 21 Dec 2022 23:03

Instrument :

BNA_F

ClientSampleId :

C3MS

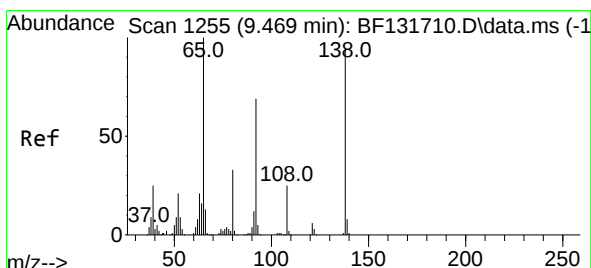
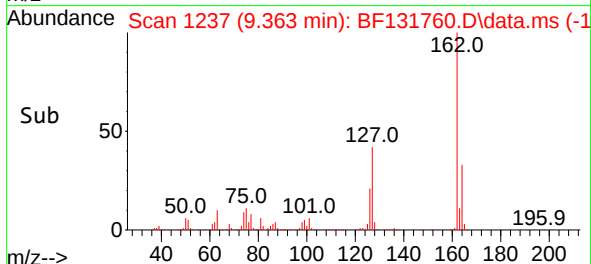
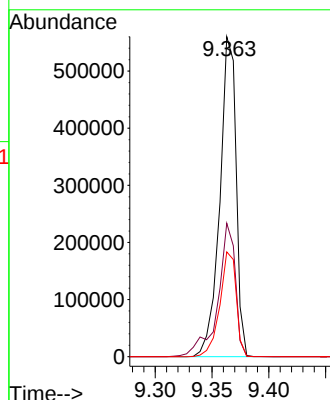
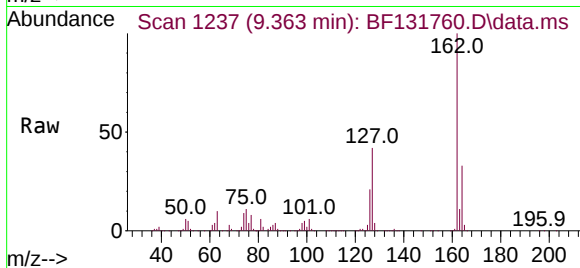
Tgt Ion:162 Resp: 561001

Ion Ratio Lower Upper

162 100

127 41.7 31.4 47.2

164 32.8 26.6 39.8



#48

2-Nitroaniline

Concen: 51.440 ng

RT: 9.469 min Scan# 1255

Delta R.T. 0.000 min

Lab File: BF131760.D

Acq: 21 Dec 2022 23:03

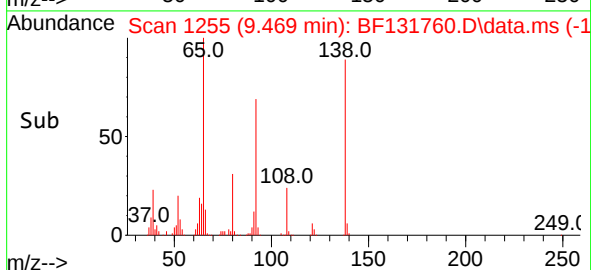
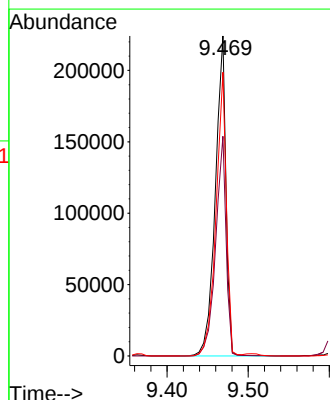
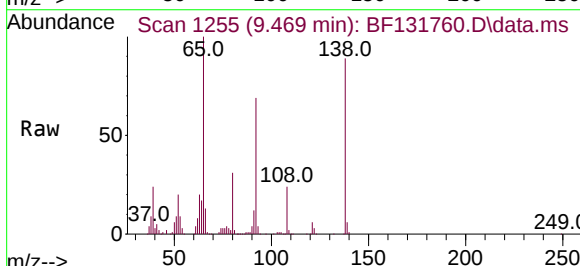
Tgt Ion: 65 Resp: 203130

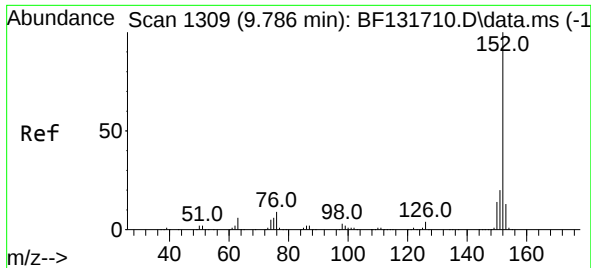
Ion Ratio Lower Upper

65 100

92 68.7 55.5 83.3

138 88.7 74.8 112.2

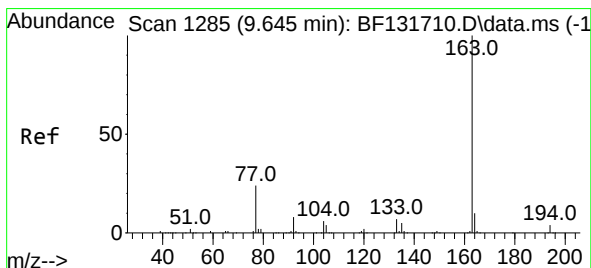
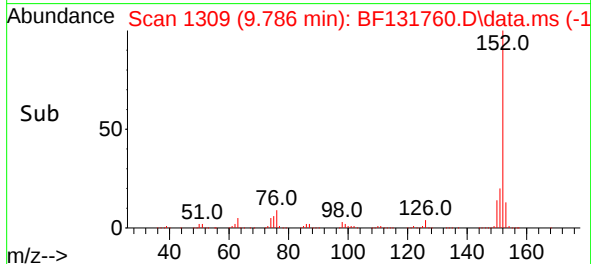
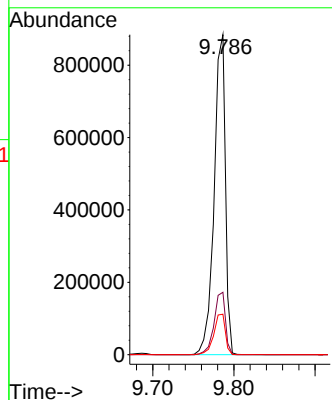
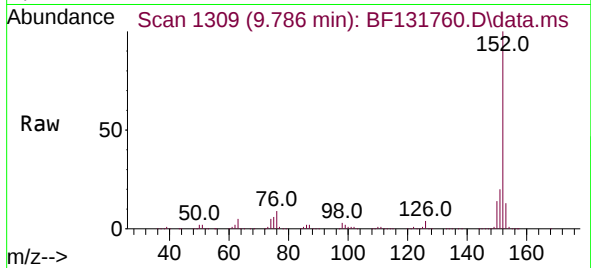




#49
Acenaphthylene
Concen: 51.634 ng
RT: 9.786 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

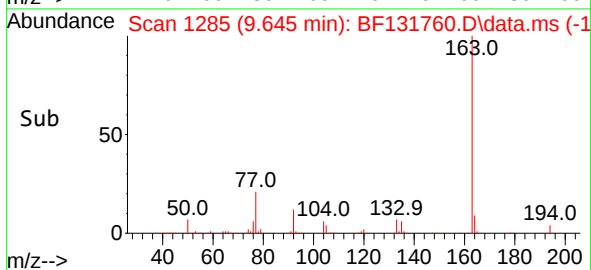
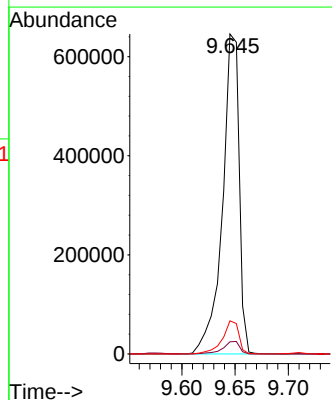
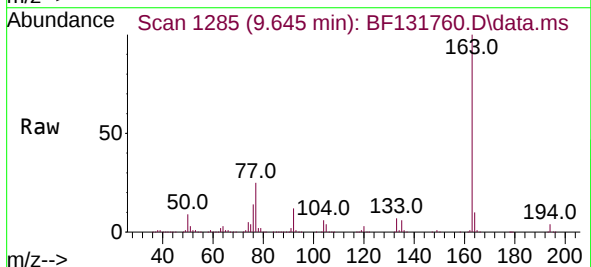
Instrument :
BNA_F
ClientSampleId :
C3MS

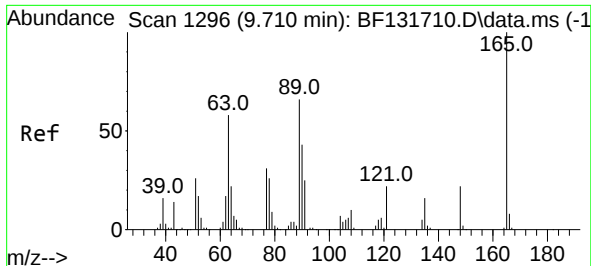
Tgt Ion:152 Resp: 848485
Ion Ratio Lower Upper
152 100
151 19.5 15.8 23.8
153 12.7 10.6 15.8



#50
Dimethylphthalate
Concen: 52.446 ng
RT: 9.645 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

Tgt Ion:163 Resp: 701956
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.3 8.2 12.4

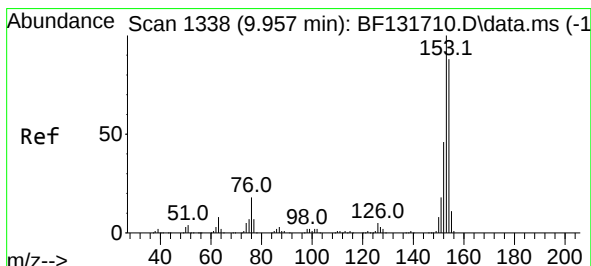
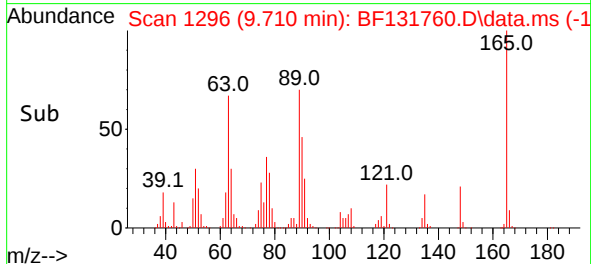
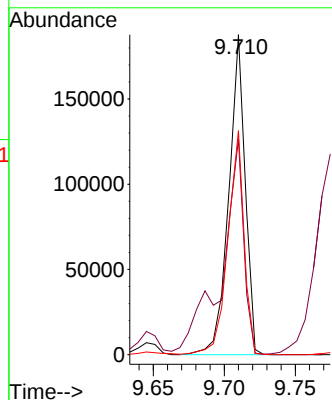
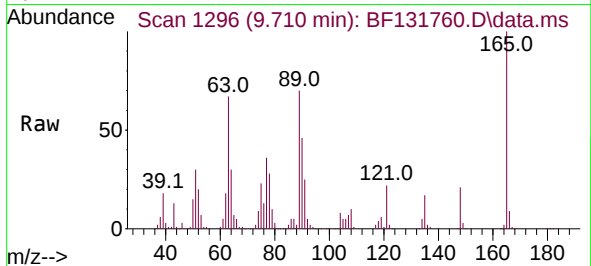




#51
2,6-Dinitrotoluene
Concen: 52.500 ng
RT: 9.710 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

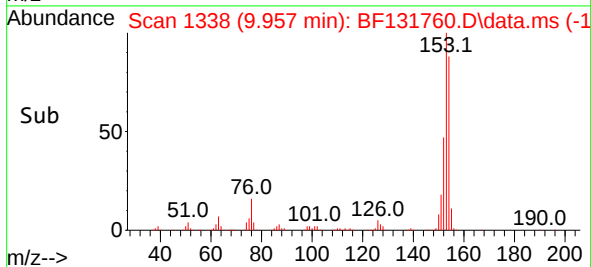
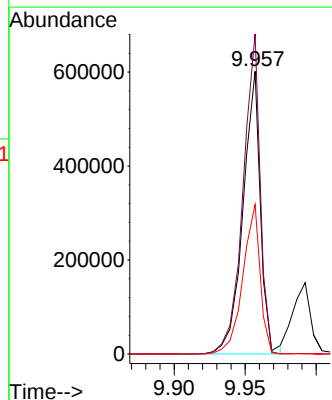
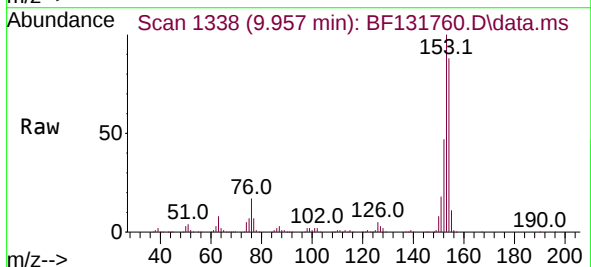
Instrument :
BNA_F
ClientSampleId :
C3MS

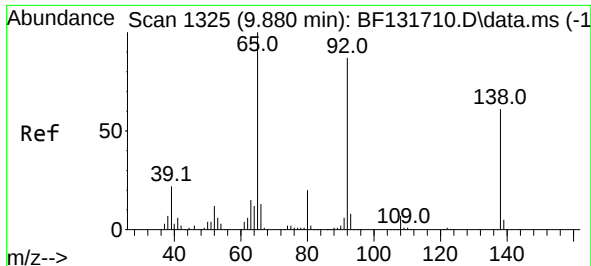
Tgt Ion:165 Resp: 151092
Ion Ratio Lower Upper
165 100
63 67.4 51.8 77.8
89 70.0 53.2 79.8



#52
Acenaphthene
Concen: 51.254 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

Tgt Ion:154 Resp: 515950
Ion Ratio Lower Upper
154 100
153 113.2 90.4 135.6
152 52.8 42.0 63.0

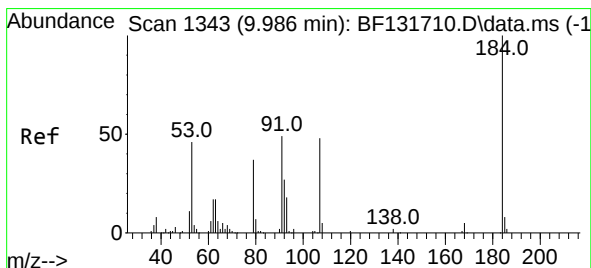
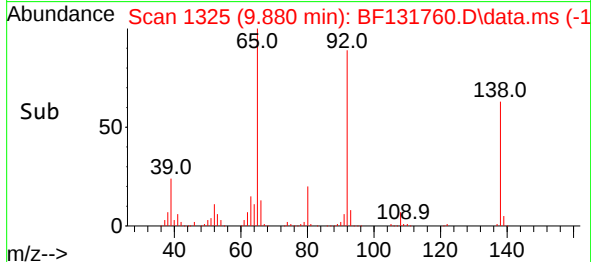
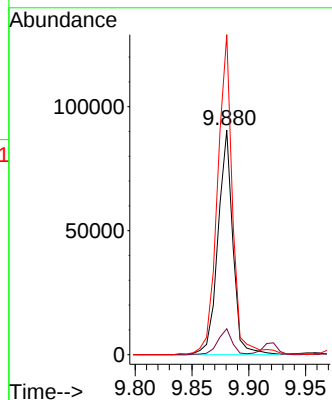
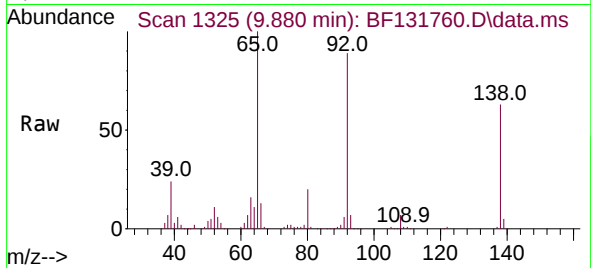




#53
3-Nitroaniline
Concen: 27.984 ng
RT: 9.880 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

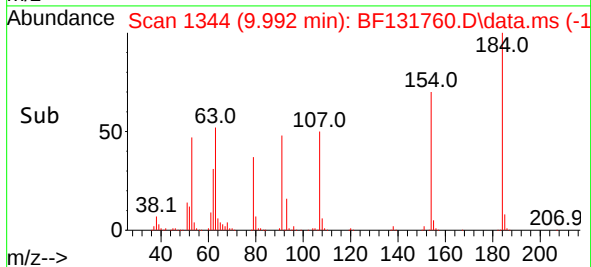
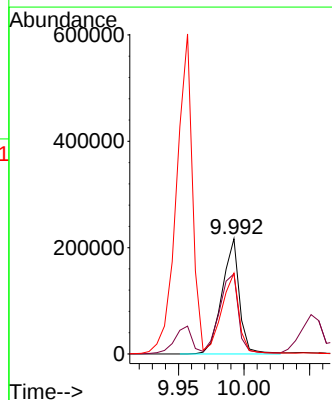
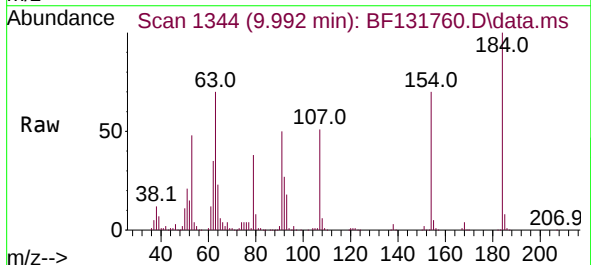
Instrument :
BNA_F
ClientSampleId :
C3MS

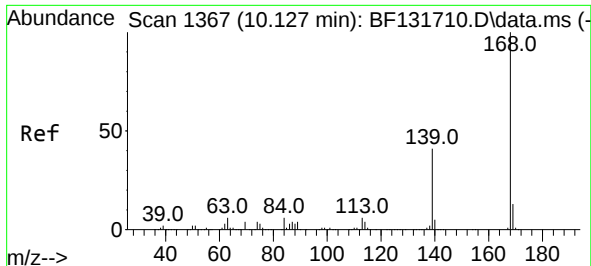
Tgt Ion:138 Resp: 82404
Ion Ratio Lower Upper
138 100
108 11.5 9.2 13.8
92 142.5 114.6 171.8



#54
2,4-Dinitrophenol
Concen: 115.507 ng
RT: 9.992 min Scan# 1344
Delta R.T. 0.006 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

Tgt Ion:184 Resp: 199184
Ion Ratio Lower Upper
184 100
63 69.6 55.8 83.8
154 70.2 57.1 85.7

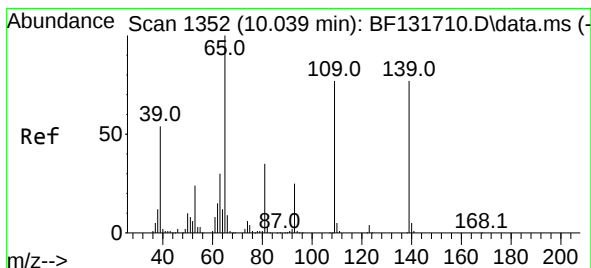
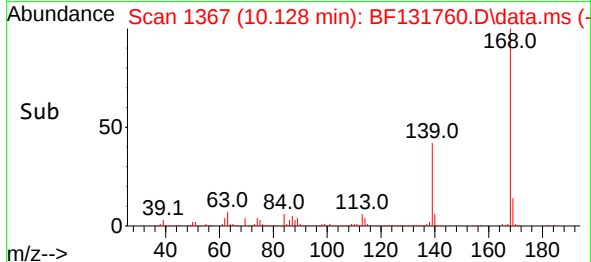
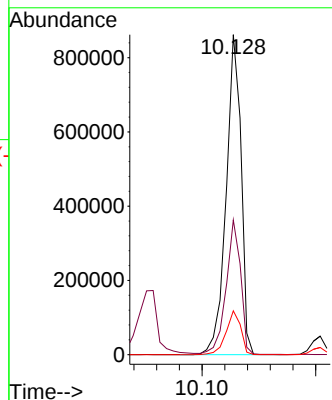
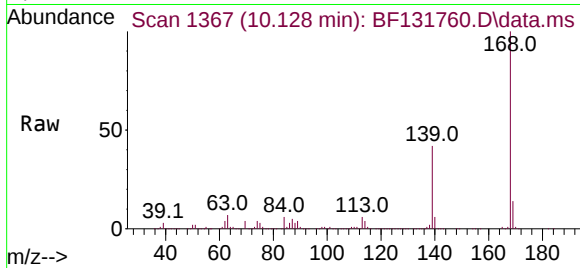




#55
Dibenzofuran
Concen: 50.927 ng
RT: 10.128 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

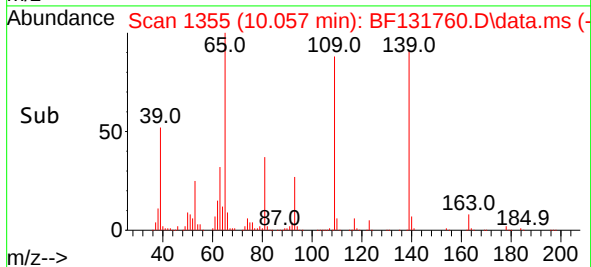
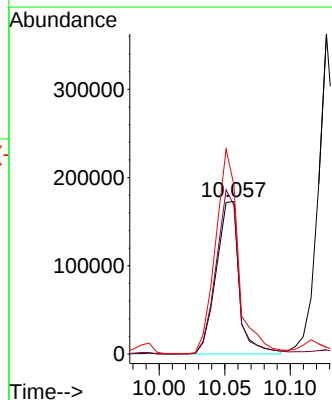
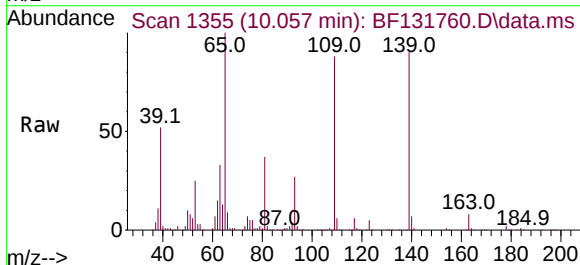
Instrument :
BNA_F
ClientSampleId :
C3MS

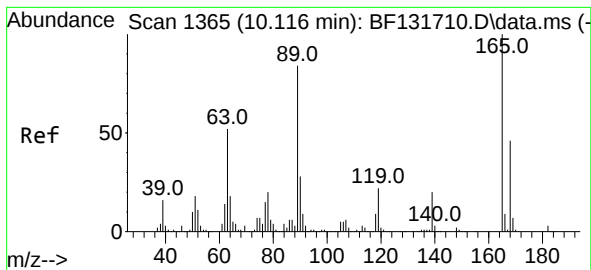
Tgt Ion:168 Resp: 786120
Ion Ratio Lower Upper
168 100
139 42.1 32.7 49.1
169 13.7 10.6 16.0



#56
4-Nitrophenol
Concen: 99.745 ng
RT: 10.057 min Scan# 1355
Delta R.T. 0.018 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

Tgt Ion:139 Resp: 210225
Ion Ratio Lower Upper
139 100
109 97.5 79.9 119.9
65 110.6 110.2 150.2

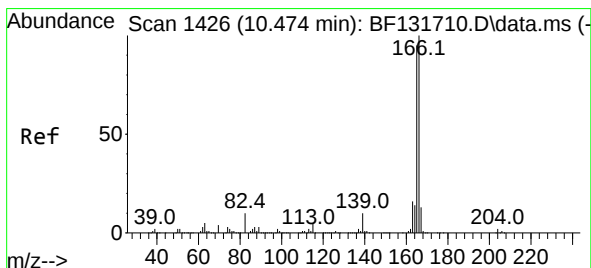
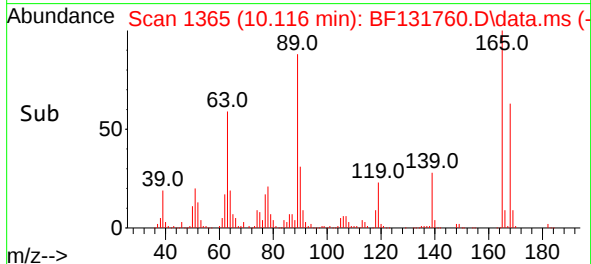
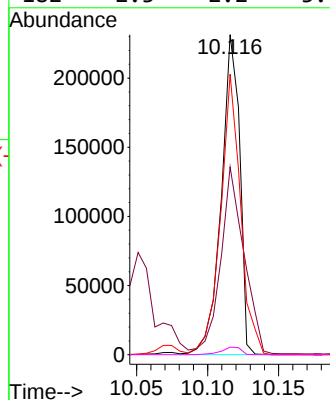
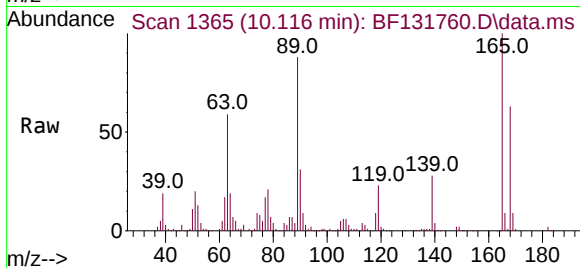




#57
2,4-Dinitrotoluene
Concen: 53.987 ng
RT: 10.116 min Scan# 1365
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

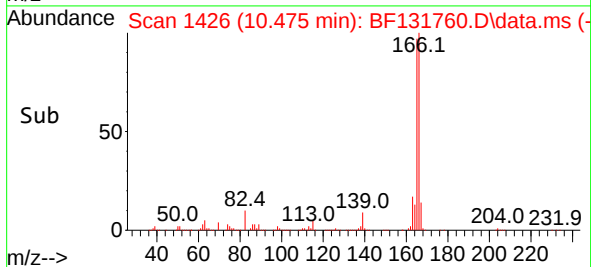
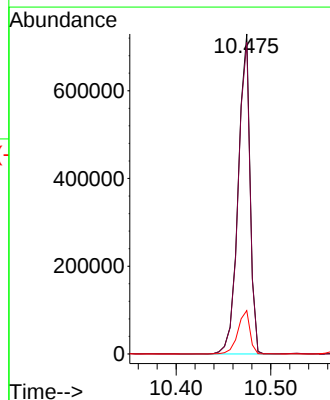
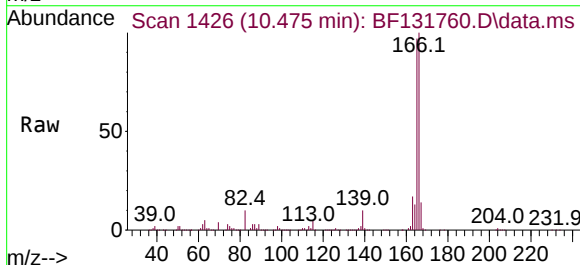
Instrument :
BNA_F
ClientSampleId :
C3MS

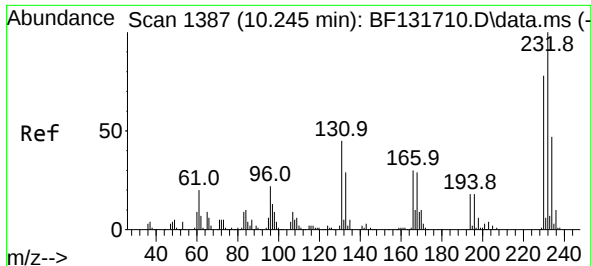
Tgt Ion:165 Resp: 208780
Ion Ratio Lower Upper
165 100
63 58.7 41.5 62.3
89 87.7 67.0 100.4
182 2.3 2.2 3.4



#58
Fluorene
Concen: 50.522 ng
RT: 10.475 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

Tgt Ion:166 Resp: 630535
Ion Ratio Lower Upper
166 100
165 97.4 75.8 113.8
167 13.5 10.6 15.8





#59

2,3,4,6-Tetrachlorophenol

Concen: 50.403 ng

RT: 10.204 min Scan# 11

Delta R.T. -0.041 min

Lab File: BF131760.D

Acq: 21 Dec 2022 23:03

Instrument :

BNA_F

ClientSampleId :

C3MS

Tgt Ion:232 Resp: 181090

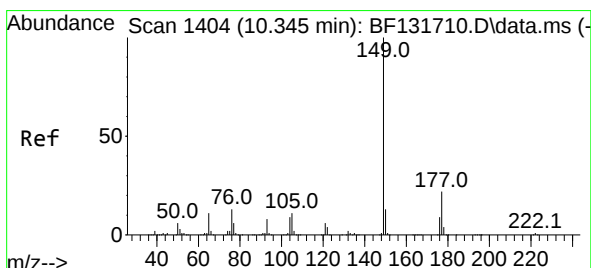
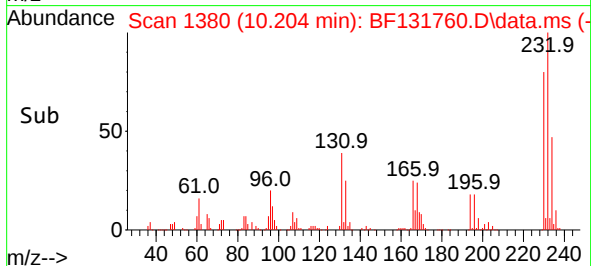
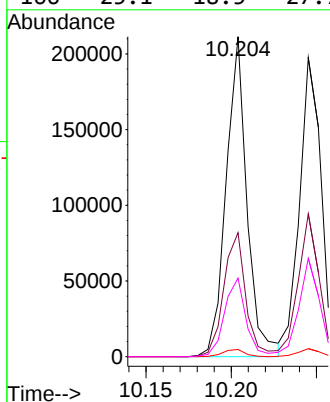
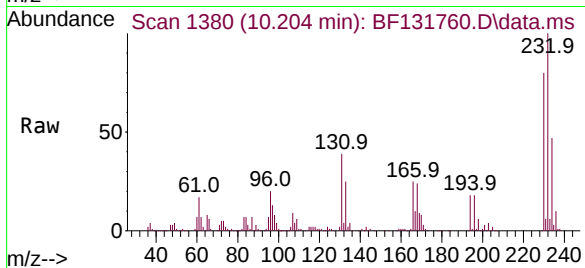
Ion Ratio Lower Upper

232 100

131 40.5 29.9 44.9

130 2.4 1.7 2.5

166 25.1 18.5 27.7



#60

Diethylphthalate

Concen: 51.976 ng

RT: 10.351 min Scan# 1405

Delta R.T. 0.006 min

Lab File: BF131760.D

Acq: 21 Dec 2022 23:03

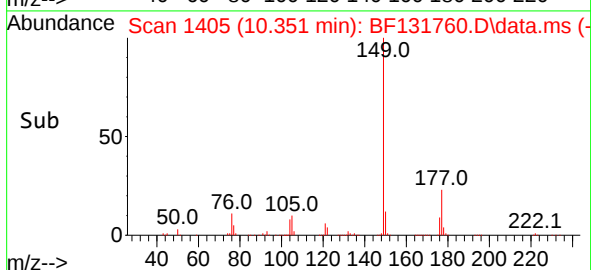
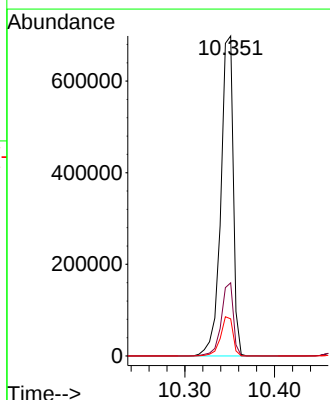
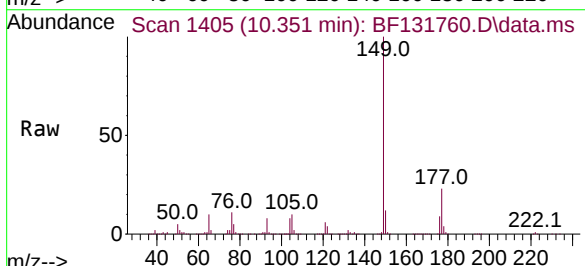
Tgt Ion:149 Resp: 670316

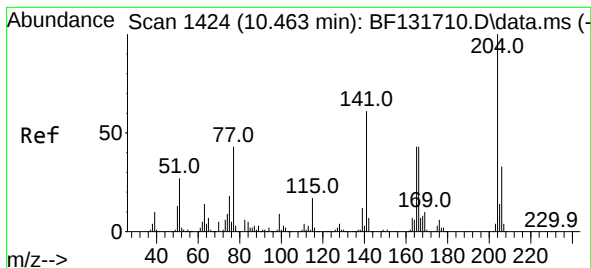
Ion Ratio Lower Upper

149 100

177 22.8 17.4 26.0

150 11.6 10.2 15.2

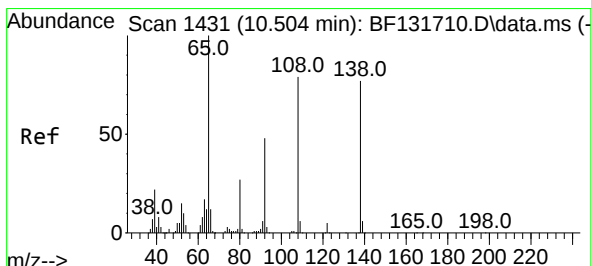
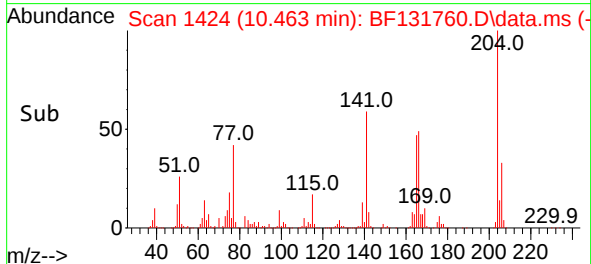
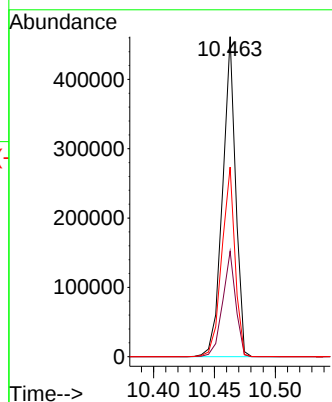
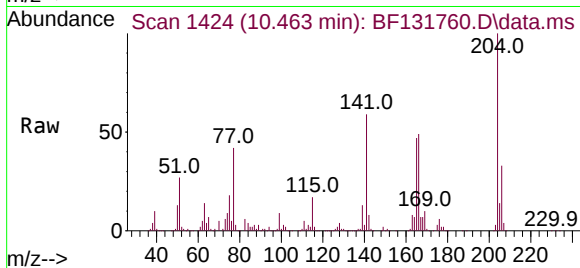




#61
4-Chlorophenyl-phenylether
Concen: 52.119 ng
RT: 10.463 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

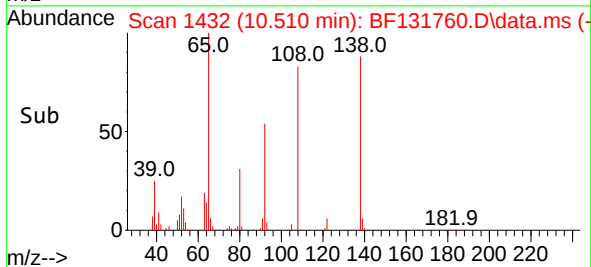
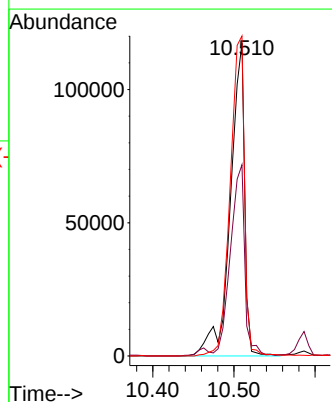
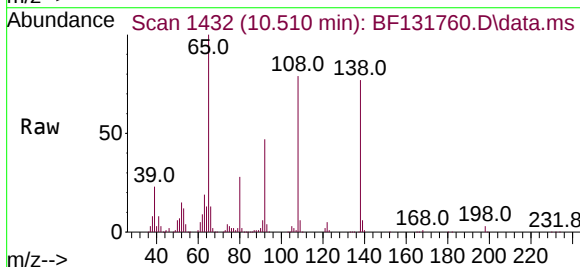
Instrument :
BNA_F
ClientSampleId :
C3MS

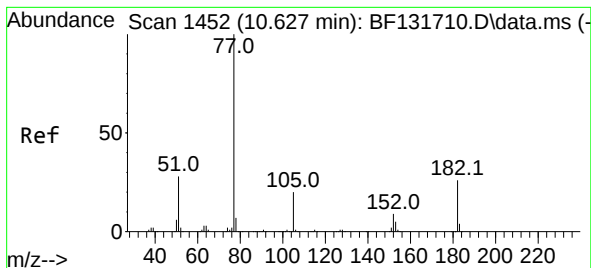
Tgt Ion:204 Resp: 345718
Ion Ratio Lower Upper
204 100
206 33.0 26.6 40.0
141 59.2 48.6 72.8



#62
4-Nitroaniline
Concen: 48.221 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

Tgt Ion:138 Resp: 142911
Ion Ratio Lower Upper
138 100
92 61.2 42.1 82.1
108 102.3 83.1 123.1





#63

Azobenzene

Concen: 51.459 ng

RT: 10.628 min Scan# 1452

Delta R.T. 0.000 min

Lab File: BF131760.D

Acq: 21 Dec 2022 23:03

Instrument :

BNA_F

ClientSampleId :

C3MS

Tgt Ion: 77 Resp: 728772

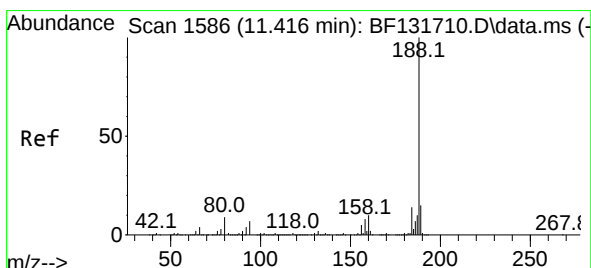
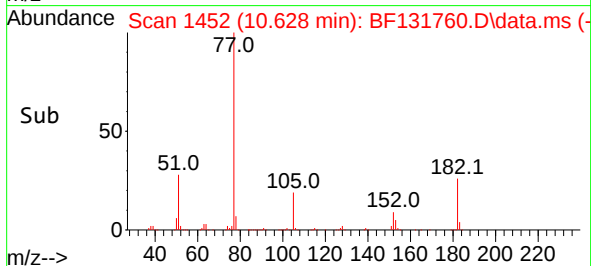
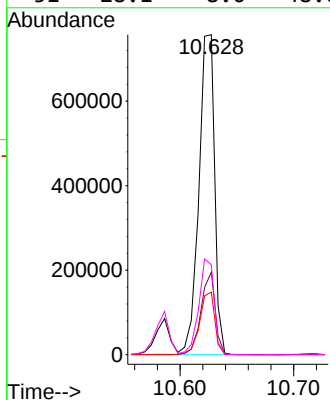
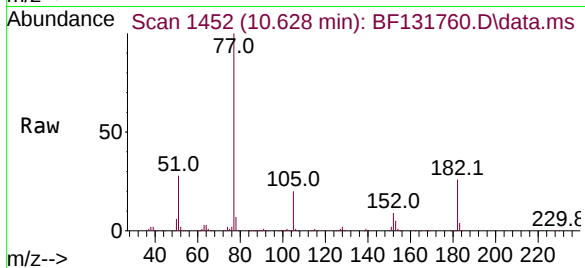
Ion Ratio Lower Upper

77 100

182 25.8 5.8 45.8

105 19.6 0.0 39.7

51 28.1 8.0 48.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1586

Delta R.T. 0.000 min

Lab File: BF131760.D

Acq: 21 Dec 2022 23:03

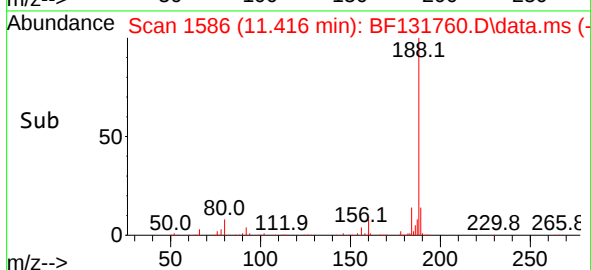
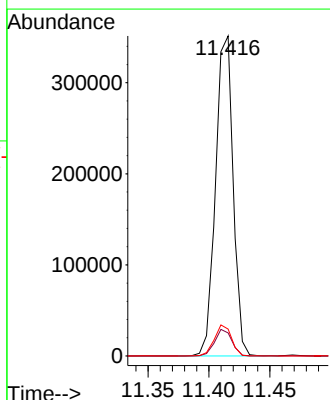
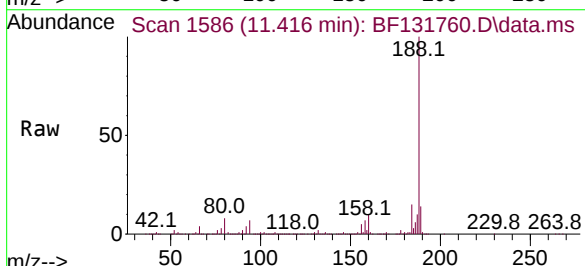
Tgt Ion: 188 Resp: 353223

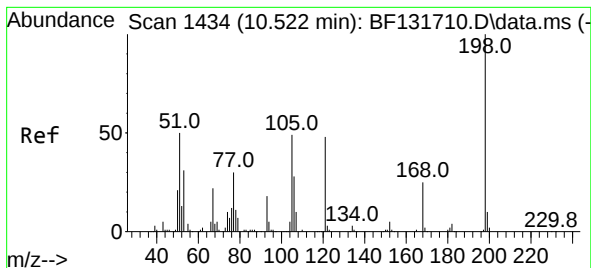
Ion Ratio Lower Upper

188 100

94 7.2 5.9 8.9

80 8.4 7.0 10.6

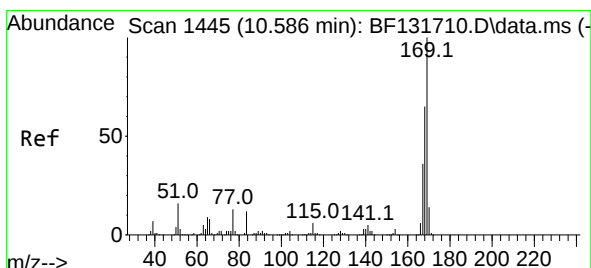
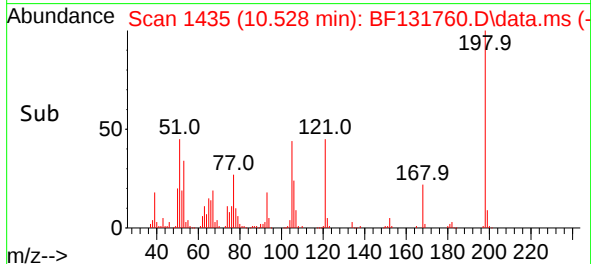
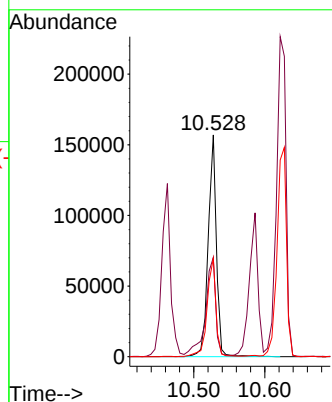
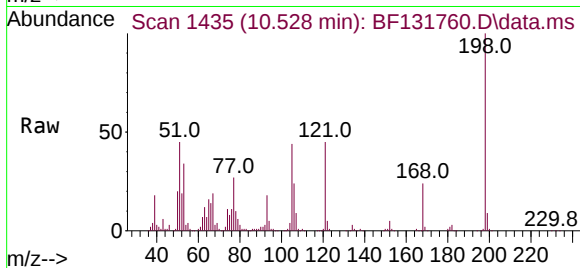




#65
4,6-Dinitro-2-methylphenol
Concen: 52.222 ng
RT: 10.528 min Scan# 1434
Delta R.T. 0.006 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

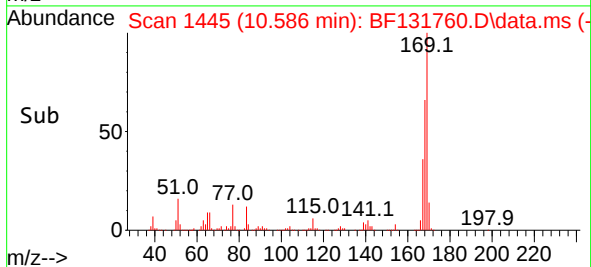
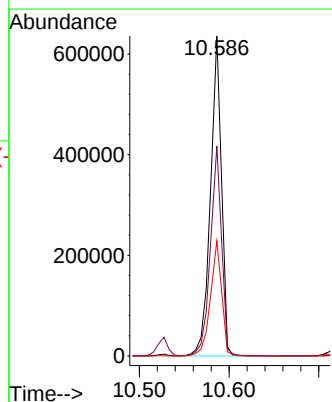
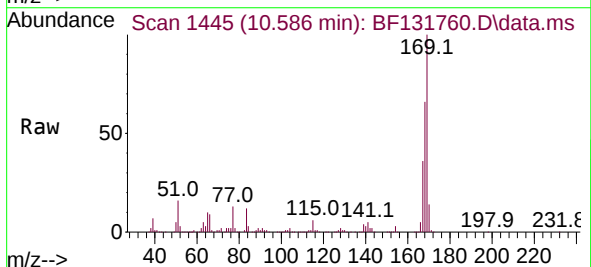
Instrument :
BNA_F
ClientSampleId :
C3MS

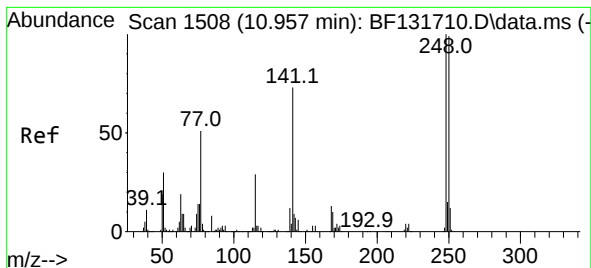
Tgt Ion:198 Resp: 126642
Ion Ratio Lower Upper
198 100
51 44.8 34.1 74.1
105 44.3 29.7 69.7



#66
n-Nitrosodiphenylamine
Concen: 49.535 ng
RT: 10.586 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

Tgt Ion:169 Resp: 542598
Ion Ratio Lower Upper
169 100
168 65.6 52.4 78.6
167 36.0 28.6 42.8

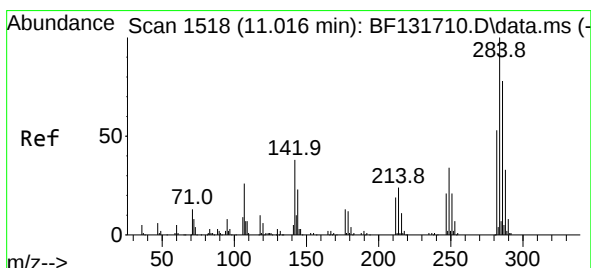
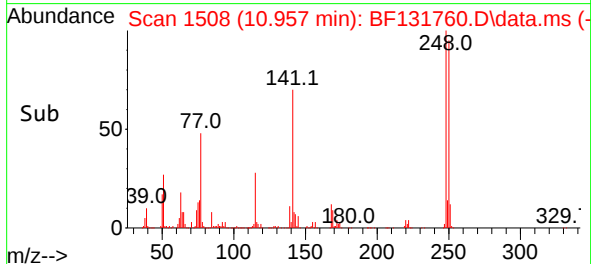
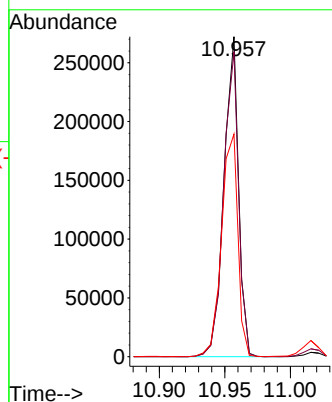
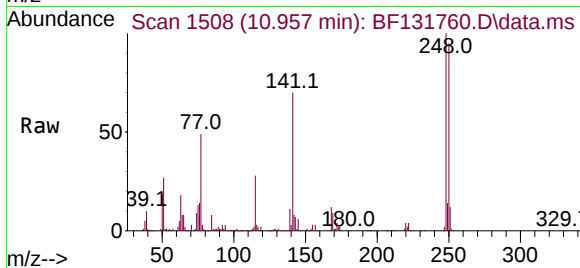




#67
4-Bromophenyl-phenylether
Concen: 50.557 ng
RT: 10.957 min Scan# 1508
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

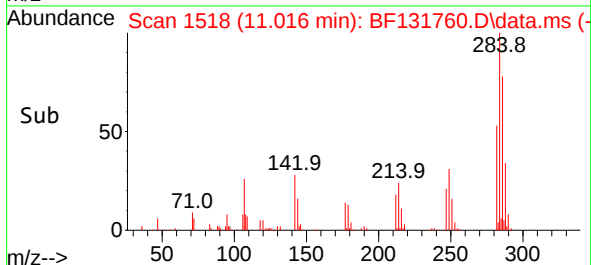
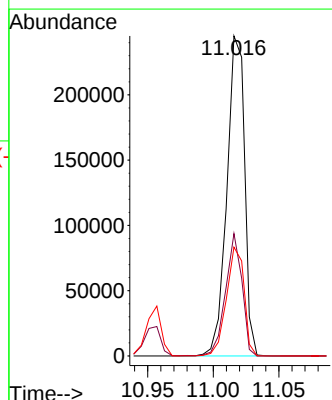
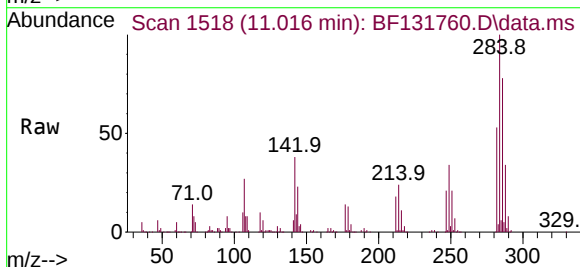
Instrument :
BNA_F
ClientSampleId :
C3MS

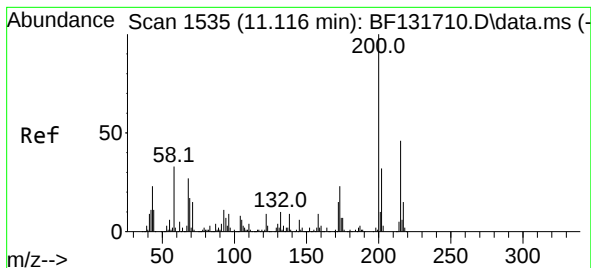
Tgt Ion:248 Resp: 210916
Ion Ratio Lower Upper
248 100
250 95.3 79.4 119.0
141 69.5 58.1 87.1



#68
Hexachlorobenzene
Concen: 50.214 ng
RT: 11.016 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

Tgt Ion:284 Resp: 230393
Ion Ratio Lower Upper
284 100
142 38.3 30.2 45.4
249 34.0 27.2 40.8





#69

Atrazine

Concen: 55.018 ng

RT: 11.116 min Scan# 1535

Delta R.T. 0.000 min

Lab File: BF131760.D

Acq: 21 Dec 2022 23:03

Instrument :

BNA_F

ClientSampleId :

C3MS

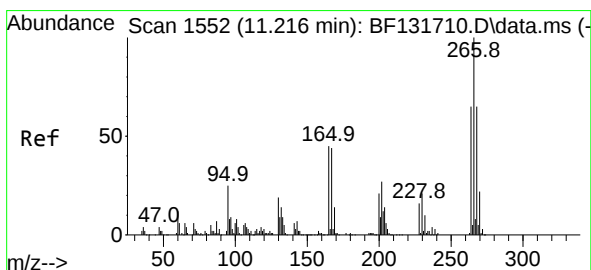
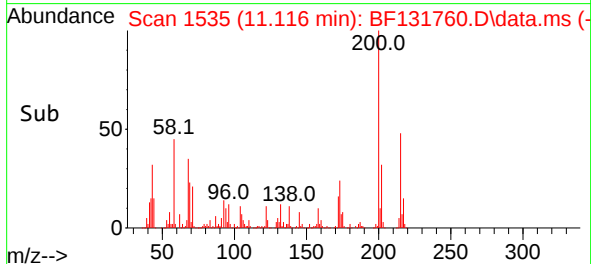
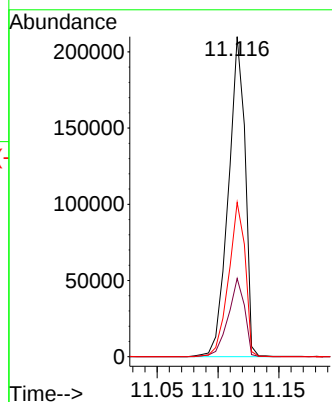
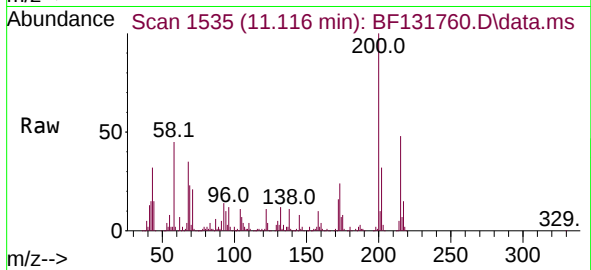
Tgt Ion:200 Resp: 200890

Ion Ratio Lower Upper

200 100

173 24.5 2.7 42.7

215 48.2 26.4 66.4



#70

Pentachlorophenol

Concen: 112.641 ng

RT: 11.216 min Scan# 1552

Delta R.T. 0.000 min

Lab File: BF131760.D

Acq: 21 Dec 2022 23:03

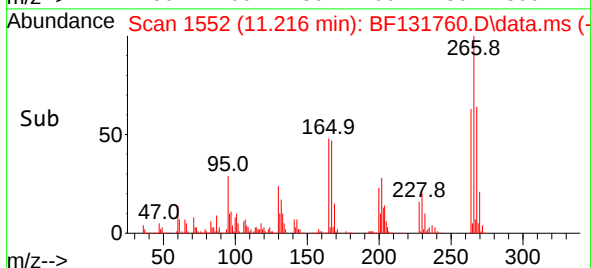
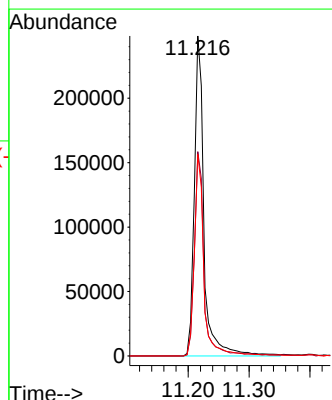
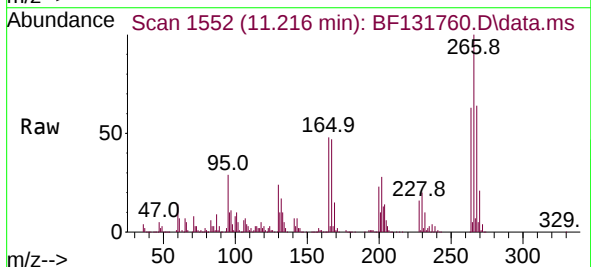
Tgt Ion:266 Resp: 274303

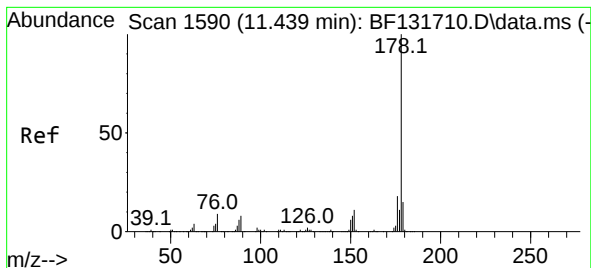
Ion Ratio Lower Upper

266 100

268 63.9 52.2 78.4

264 63.0 52.0 78.0





#71

Phenanthrene

Concen: 49.238 ng

RT: 11.439 min Scan# 1590

Delta R.T. 0.000 min

Lab File: BF131760.D

Acq: 21 Dec 2022 23:03

Instrument :

BNA_F

ClientSampleId :

C3MS

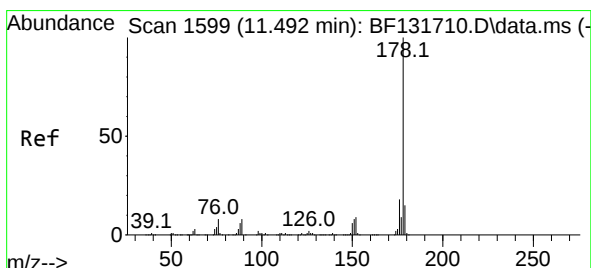
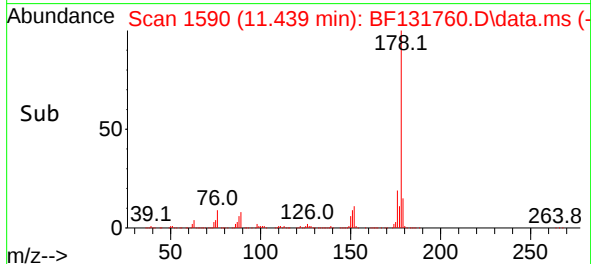
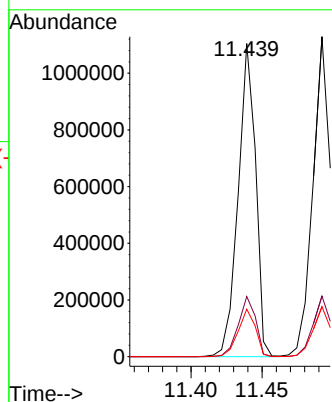
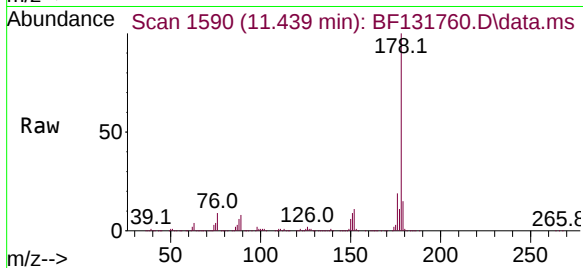
Tgt Ion:178 Resp: 948358

Ion Ratio Lower Upper

178 100

176 19.2 14.8 22.2

179 15.2 12.2 18.4



#72

Anthracene

Concen: 50.683 ng

RT: 11.492 min Scan# 1599

Delta R.T. 0.000 min

Lab File: BF131760.D

Acq: 21 Dec 2022 23:03

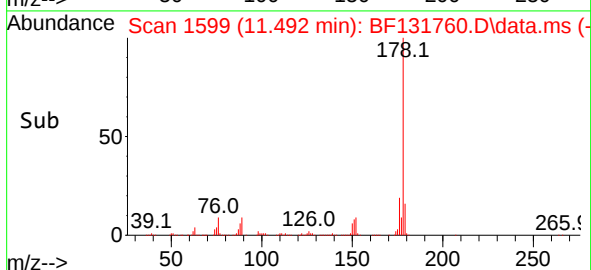
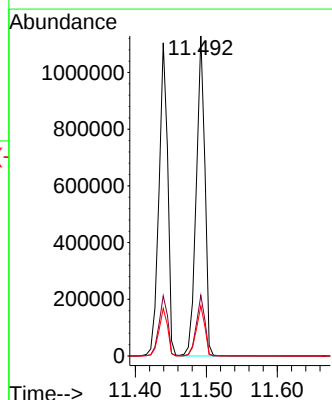
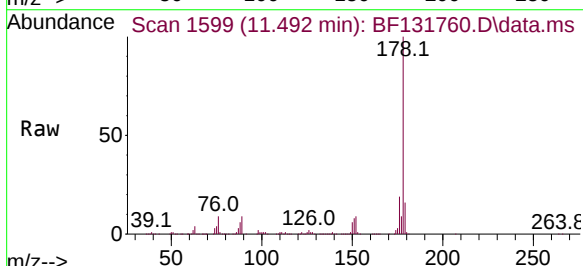
Tgt Ion:178 Resp: 955823

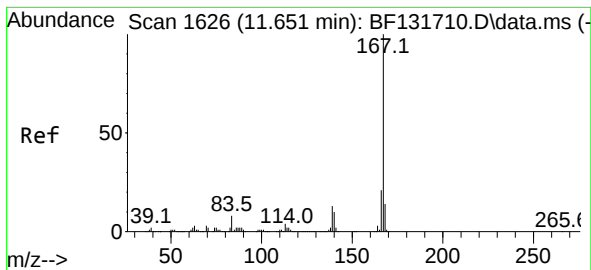
Ion Ratio Lower Upper

178 100

176 18.9 14.6 21.8

179 15.7 12.2 18.4





#73

Carbazole

Concen: 50.664 ng

RT: 11.651 min Scan# 1626

Delta R.T. 0.000 min

Lab File: BF131760.D

Acq: 21 Dec 2022 23:03

Instrument :

BNA_F

ClientSampleId :

C3MS

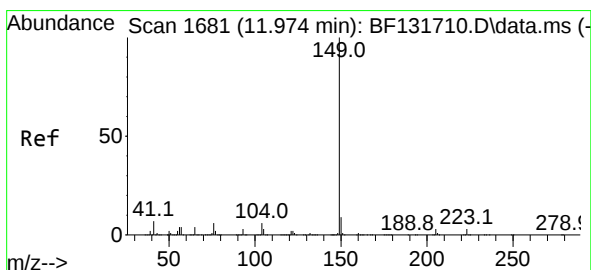
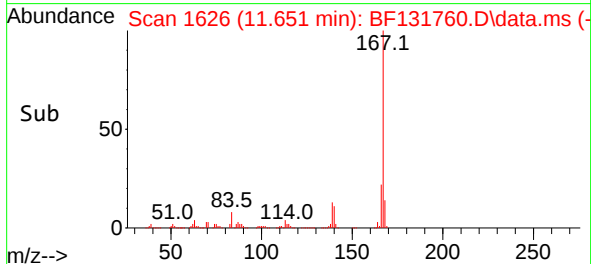
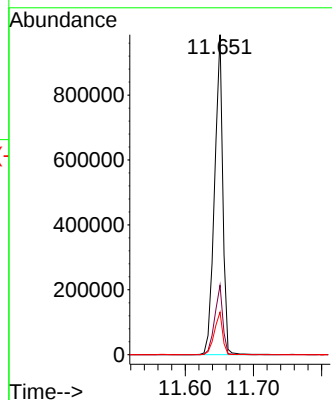
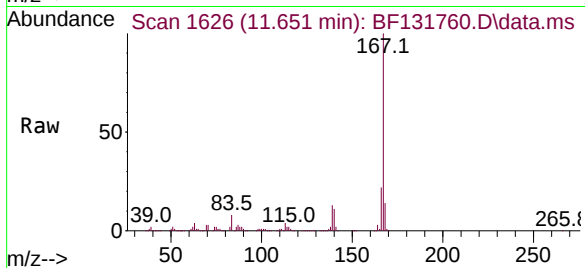
Tgt Ion:167 Resp: 826637

Ion Ratio Lower Upper

167 100

166 21.7 17.1 25.7

139 13.3 10.5 15.7



#74

Di-n-butylphthalate

Concen: 51.225 ng

RT: 11.974 min Scan# 1681

Delta R.T. 0.000 min

Lab File: BF131760.D

Acq: 21 Dec 2022 23:03

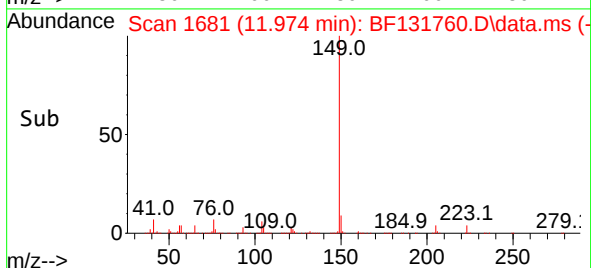
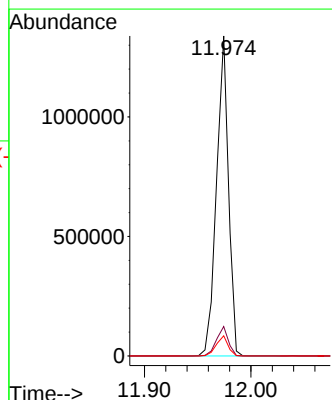
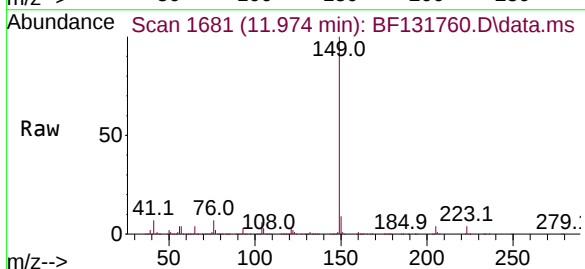
Tgt Ion:149 Resp: 1040723

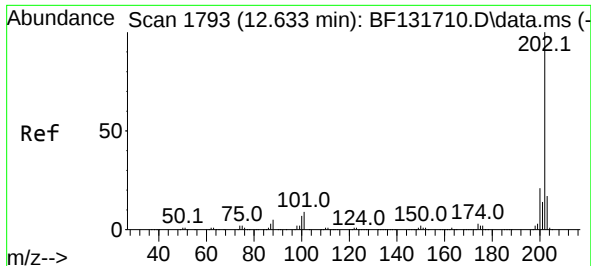
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

104 6.3 5.0 7.4

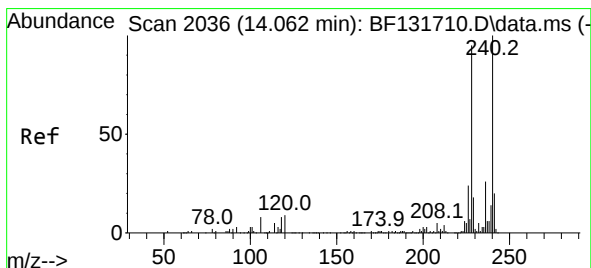
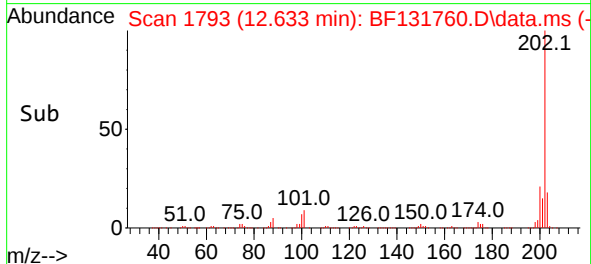
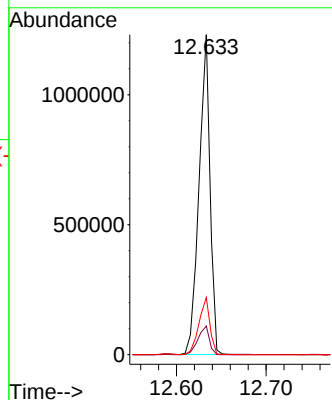
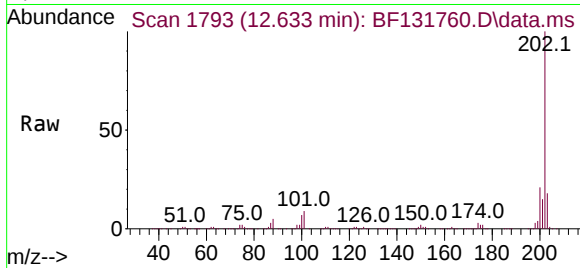




#75
Fluoranthene
Concen: 48.837 ng
RT: 12.633 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

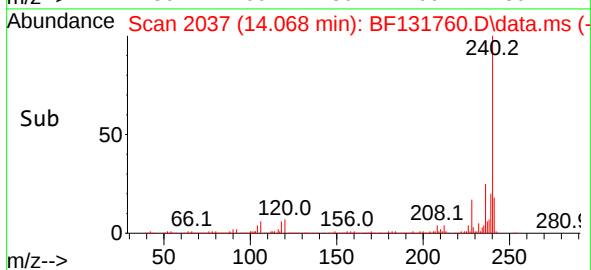
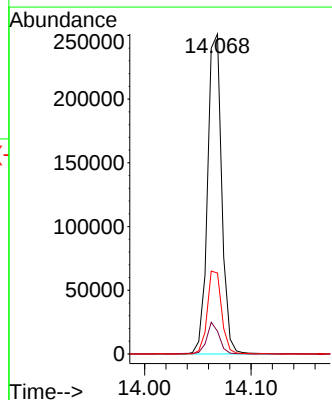
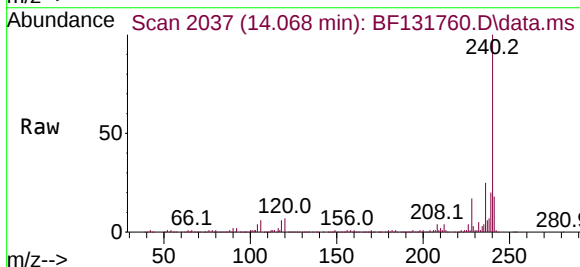
Instrument :
BNA_F
ClientSampleId :
C3MS

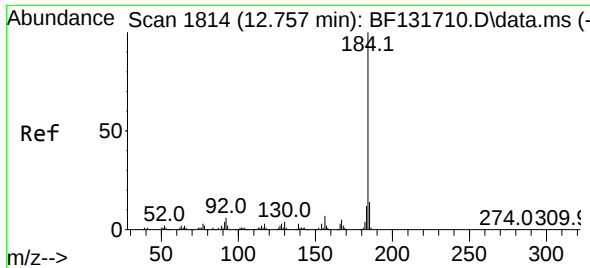
Tgt Ion:202 Resp: 1047586
Ion Ratio Lower Upper
202 100
101 8.9 0.0 28.8
203 17.9 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2037
Delta R.T. 0.006 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

Tgt Ion:240 Resp: 231861
Ion Ratio Lower Upper
240 100
120 7.1 7.6 11.4#
236 25.3 21.2 31.8

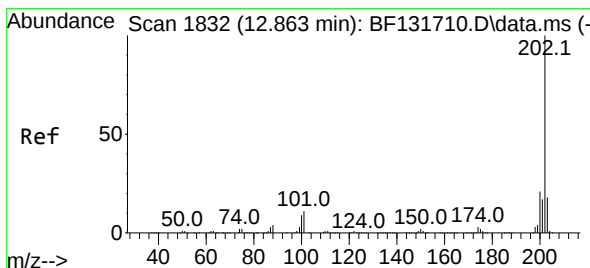
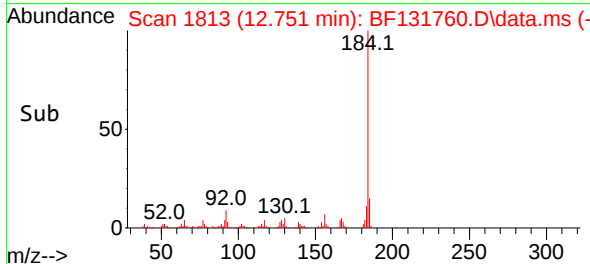
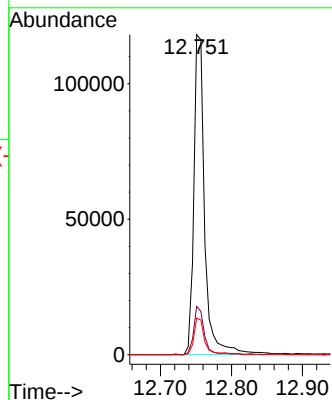
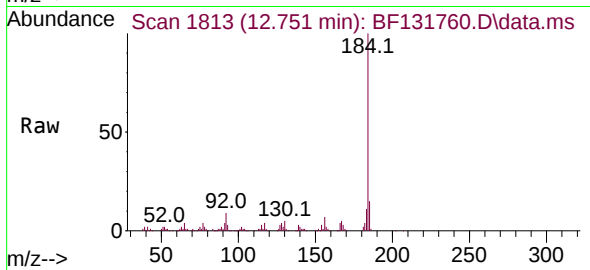




#77
Benzidine
Concen: 29.609 ng
RT: 12.751 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

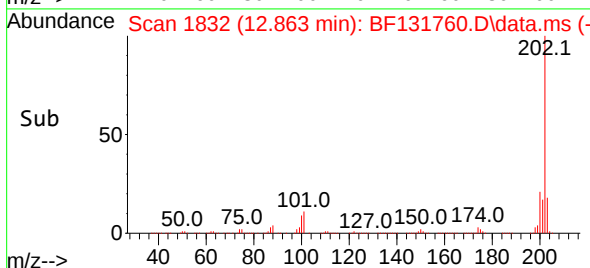
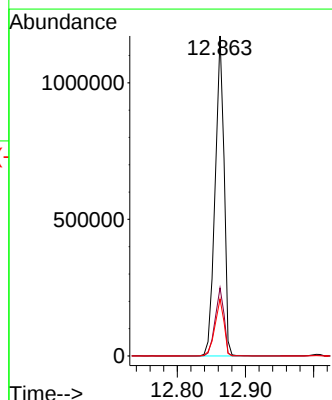
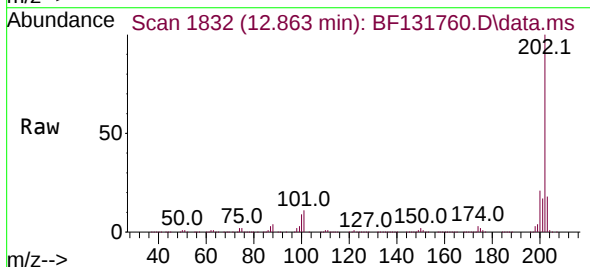
Instrument :
BNA_F
ClientSampleId :
C3MS

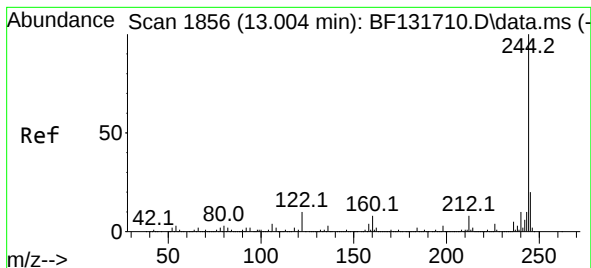
Tgt Ion:184 Resp: 125885
Ion Ratio Lower Upper
184 100
185 15.1 11.3 16.9
183 11.4 9.3 13.9



#78
Pyrene
Concen: 50.687 ng
RT: 12.863 min Scan# 1832
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

Tgt Ion:202 Resp: 1068517
Ion Ratio Lower Upper
202 100
200 21.3 17.1 25.7
203 17.8 14.1 21.1





#79

Terphenyl-d14

Concen: 103.146 ng

RT: 13.004 min Scan# 1856

Delta R.T. 0.000 min

Lab File: BF131760.D

Acq: 21 Dec 2022 23:03

Instrument :

BNA_F

ClientSampleId :

C3MS

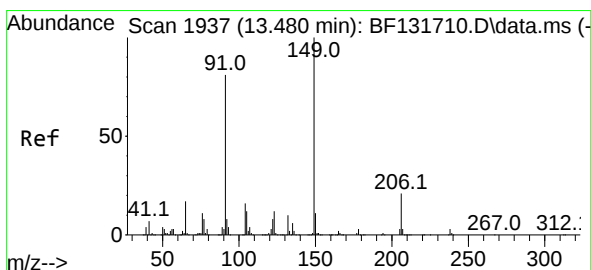
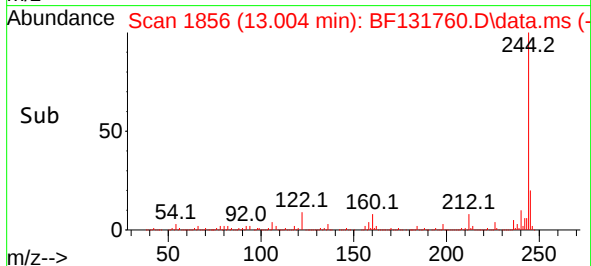
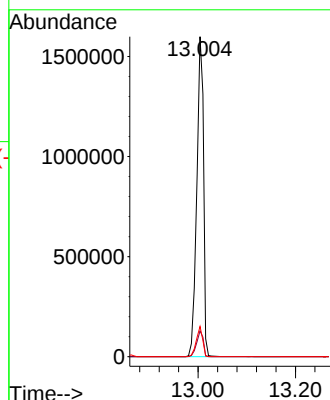
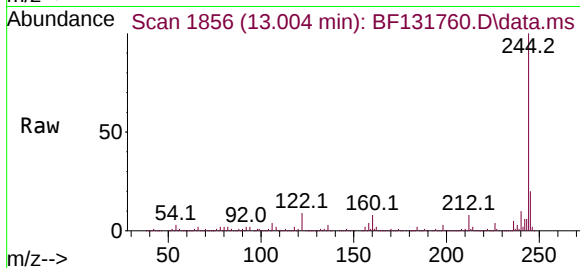
Tgt Ion:244 Resp: 1534504

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

122 9.5 7.7 11.5



#80

Butylbenzylphthalate

Concen: 56.087 ng

RT: 13.480 min Scan# 1937

Delta R.T. 0.000 min

Lab File: BF131760.D

Acq: 21 Dec 2022 23:03

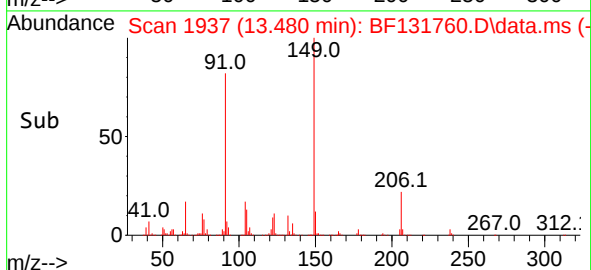
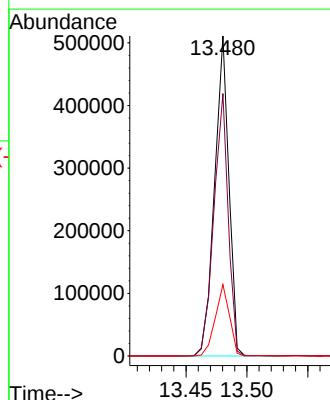
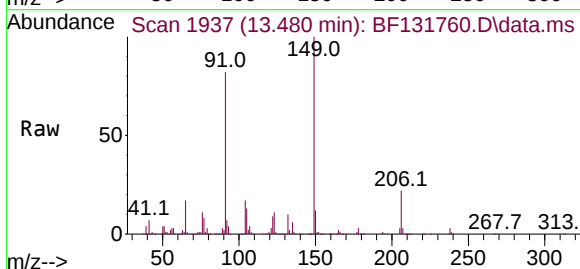
Tgt Ion:149 Resp: 417010

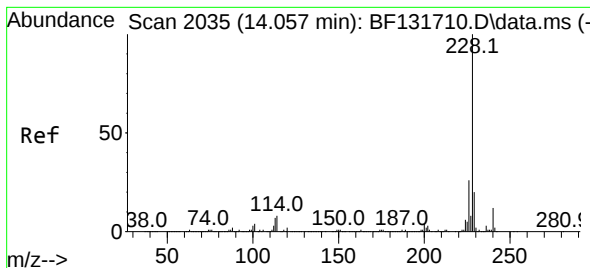
Ion Ratio Lower Upper

149 100

91 82.0 64.9 97.3

206 22.3 17.0 25.4





#81

Benzo(a)anthracene

Concen: 51.769 ng

RT: 14.057 min Scan# 2035

Delta R.T. 0.000 min

Lab File: BF131760.D

Acq: 21 Dec 2022 23:03

Instrument :

BNA_F

ClientSampleId :

C3MS

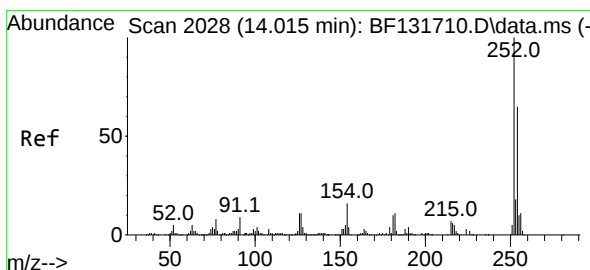
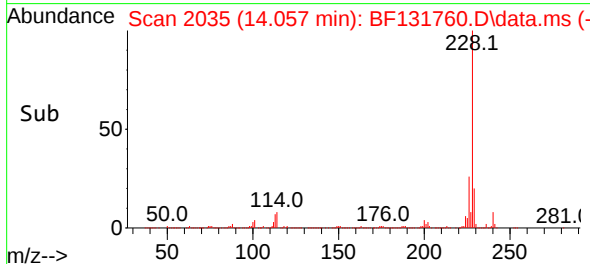
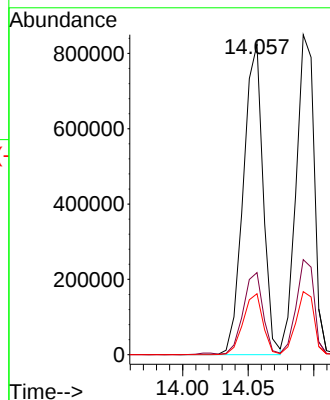
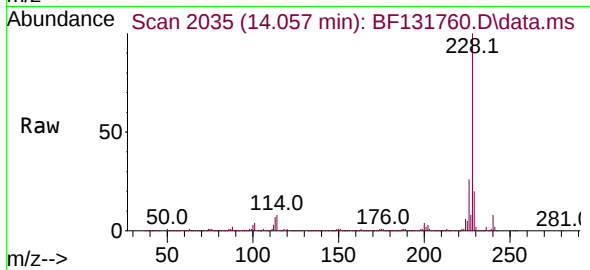
Tgt Ion:228 Resp: 864487

Ion Ratio Lower Upper

228 100

226 26.5 21.0 31.4

229 19.7 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 42.153 ng

RT: 14.021 min Scan# 2029

Delta R.T. 0.006 min

Lab File: BF131760.D

Acq: 21 Dec 2022 23:03

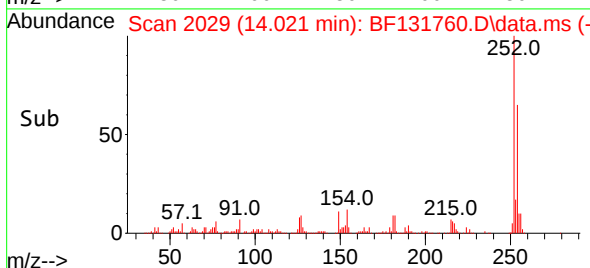
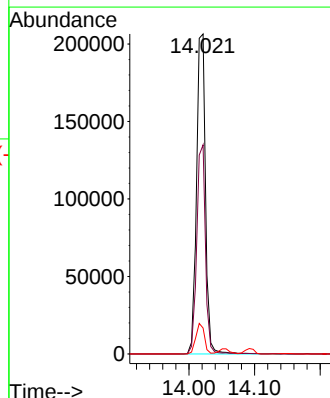
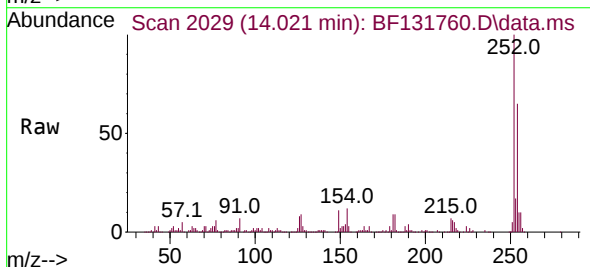
Tgt Ion:252 Resp: 196527

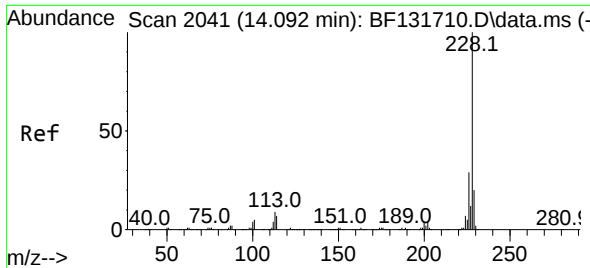
Ion Ratio Lower Upper

252 100

254 65.4 52.1 78.1

126 8.1 8.4 12.6#

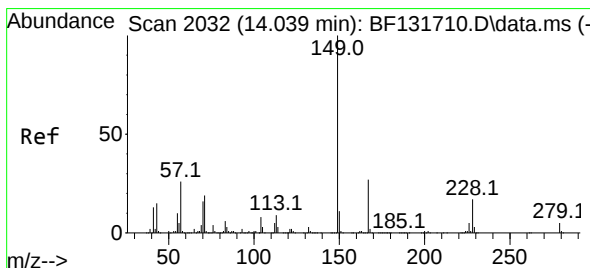
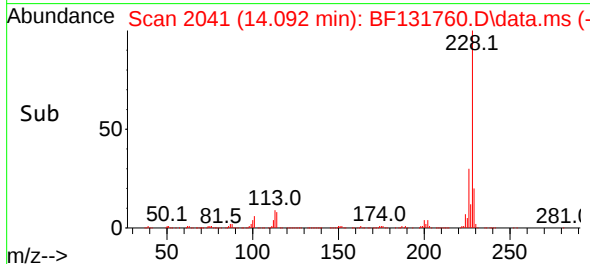
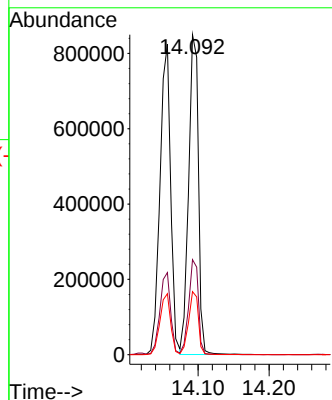
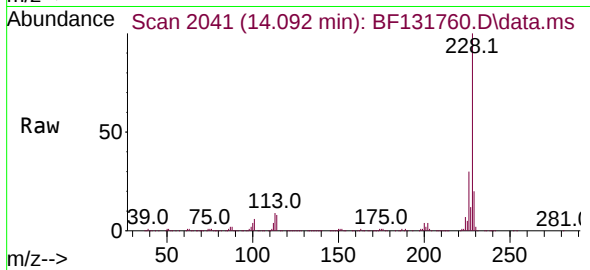




#83
Chrysene
Concen: 51.733 ng
RT: 14.092 min Scan# 2041
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

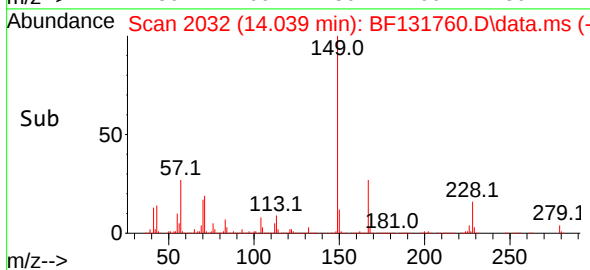
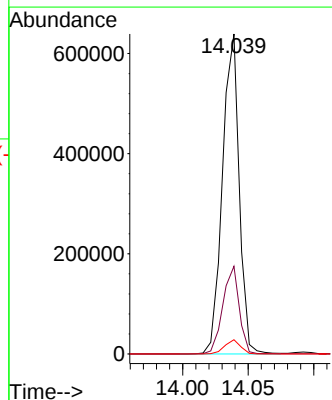
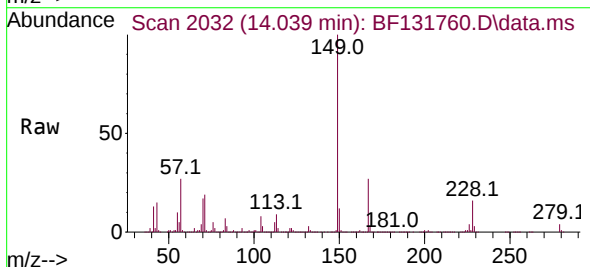
Instrument :
BNA_F
ClientSampleId :
C3MS

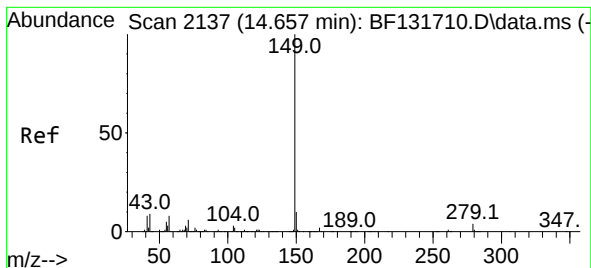
Tgt Ion:228 Resp: 815369
Ion Ratio Lower Upper
228 100
226 29.7 23.5 35.3
229 19.7 15.6 23.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 63.828 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

Tgt Ion:149 Resp: 565883
Ion Ratio Lower Upper
149 100
167 27.4 21.7 32.5
279 4.4 3.8 5.6

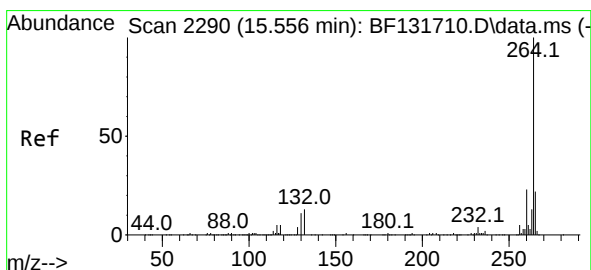
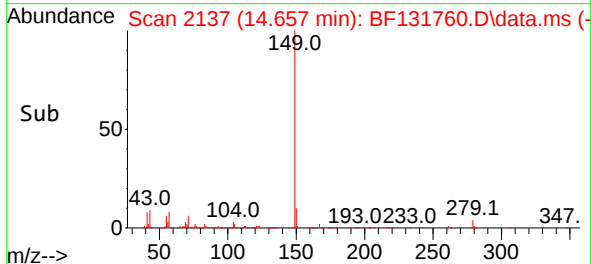
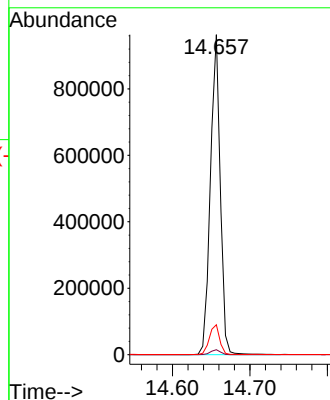
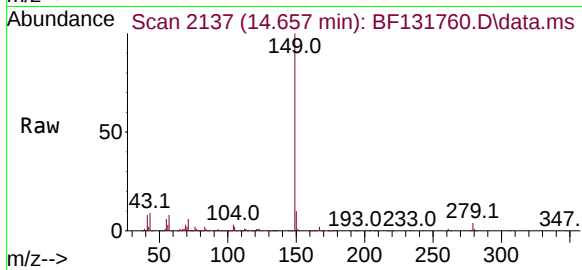




#85
Di-n-octyl phthalate
Concen: 68.678 ng
RT: 14.657 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

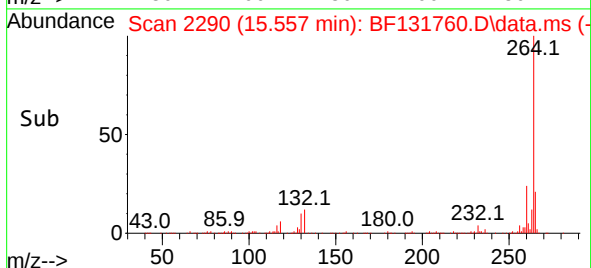
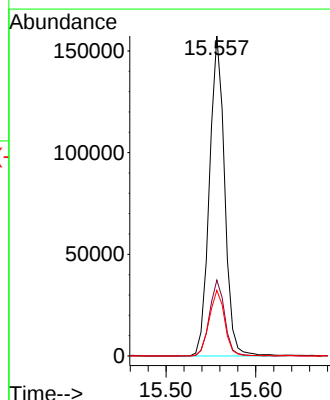
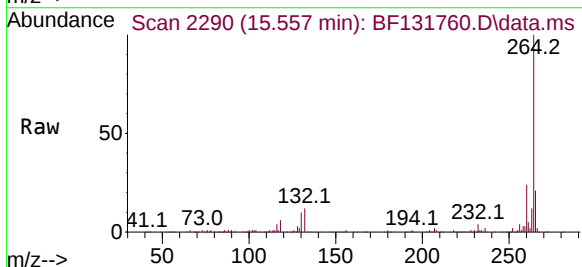
Instrument :
BNA_F
ClientSampleId :
C3MS

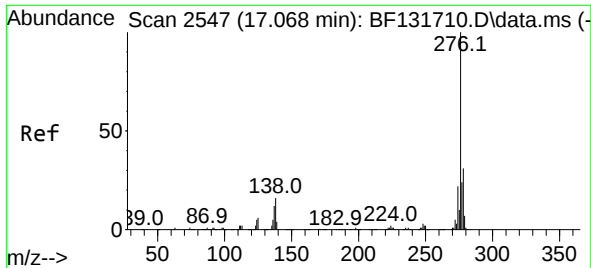
Tgt Ion:149 Resp: 849939
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 9.7 8.3 12.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2290
Delta R.T. 0.000 min
Lab File: BF131760.D
Acq: 21 Dec 2022 23:03

Tgt Ion:264 Resp: 184881
Ion Ratio Lower Upper
264 100
260 23.7 18.6 28.0
265 20.5 17.4 26.2

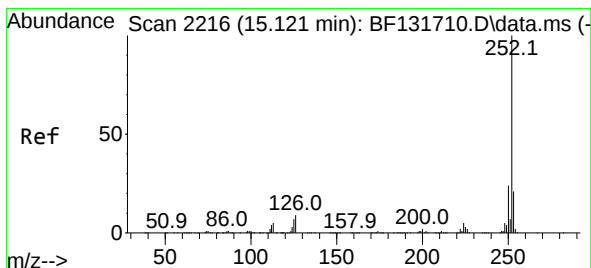
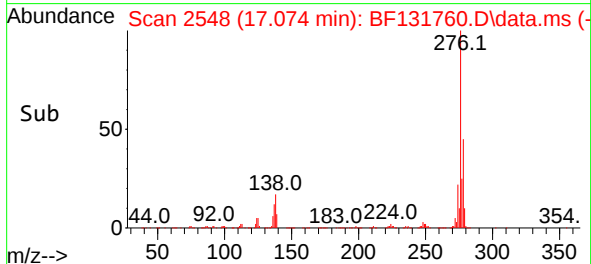
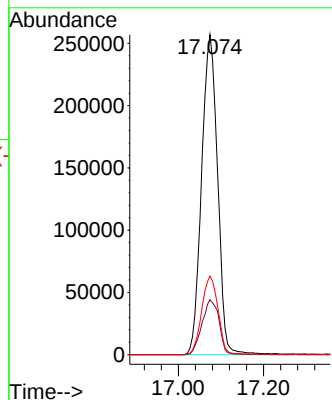
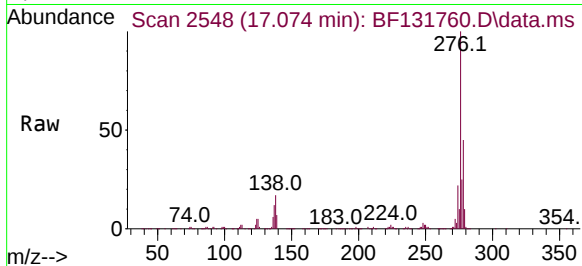




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 53.879 ng
 RT: 17.074 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF131760.D
 Acq: 21 Dec 2022 23:03

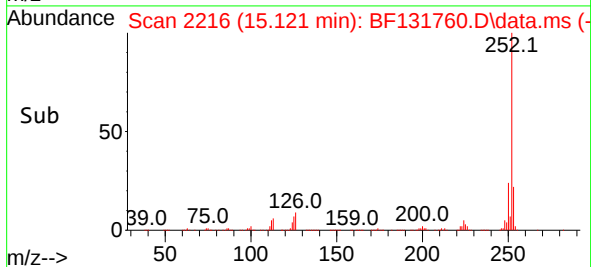
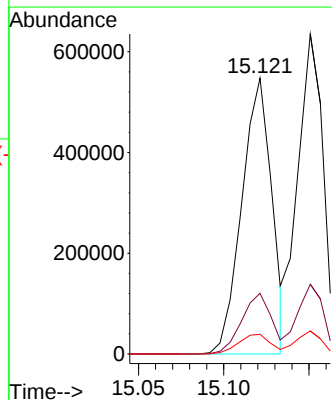
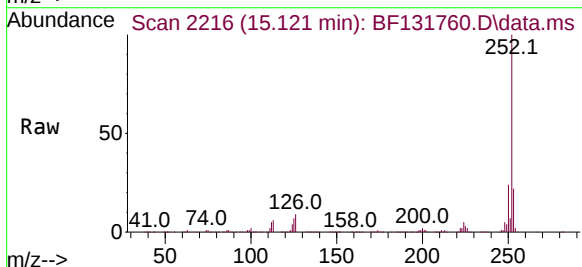
Instrument :
 BNA_F
 ClientSampleId :
 C3MS

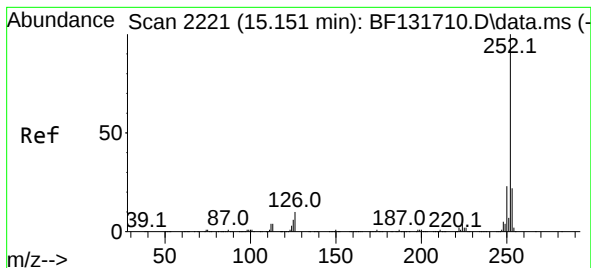
Tgt Ion:276 Resp: 669084
 Ion Ratio Lower Upper
 276 100
 138 18.3 14.4 21.6
 277 25.2 19.8 29.8



#88
 Benzo(b)fluoranthene
 Concen: 51.284 ng
 RT: 15.121 min Scan# 2216
 Delta R.T. 0.000 min
 Lab File: BF131760.D
 Acq: 21 Dec 2022 23:03

Tgt Ion:252 Resp: 670795
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.2 25.8
 125 7.1 5.5 8.3





#89

Benzo(k)fluoranthene

Concen: 53.049 ng

RT: 15.151 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF131760.D

Acq: 21 Dec 2022 23:03

Instrument :

BNA_F

ClientSampleId :

C3MS

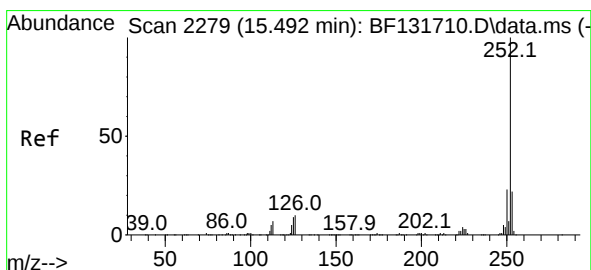
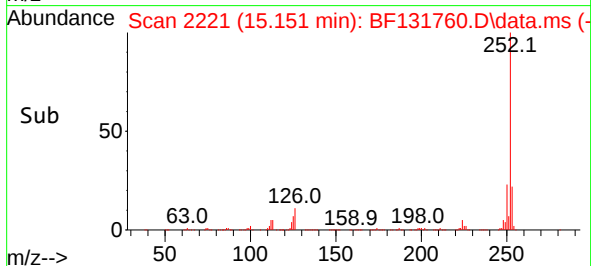
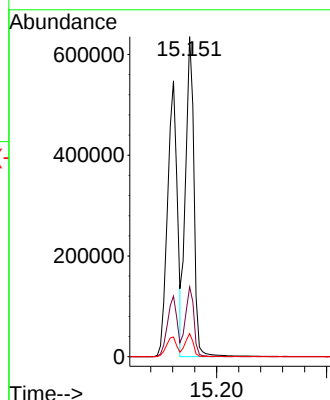
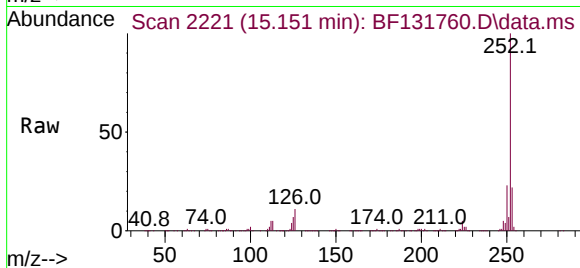
Tgt Ion:252 Resp: 677091

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.8

125 7.2 5.2 7.8



#90

Benzo(a)pyrene

Concen: 54.482 ng

RT: 15.498 min Scan# 2280

Delta R.T. 0.006 min

Lab File: BF131760.D

Acq: 21 Dec 2022 23:03

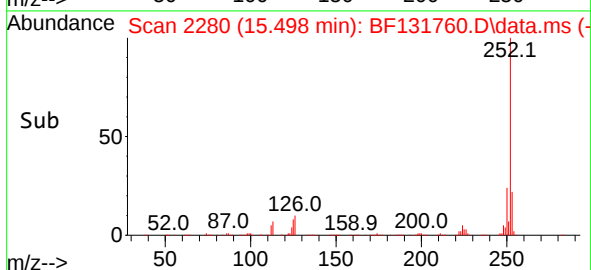
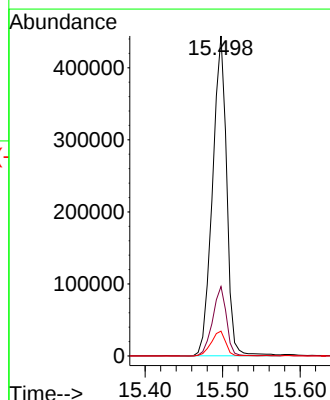
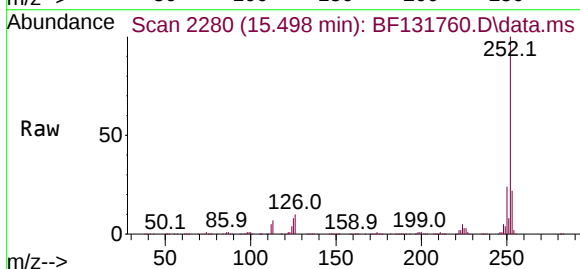
Tgt Ion:252 Resp: 564476

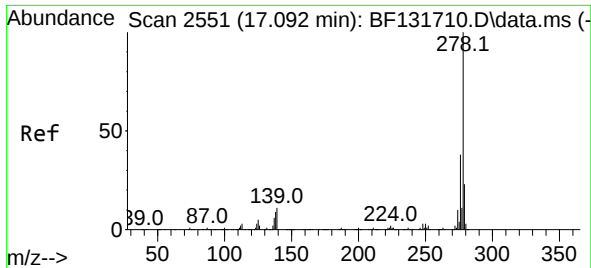
Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 7.7 7.0 10.4

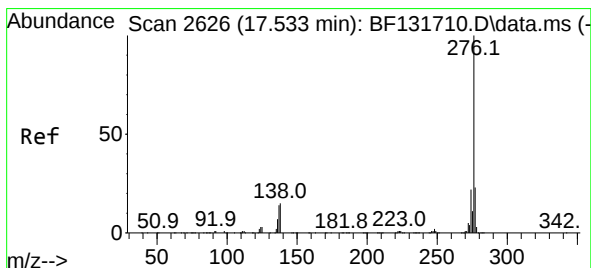
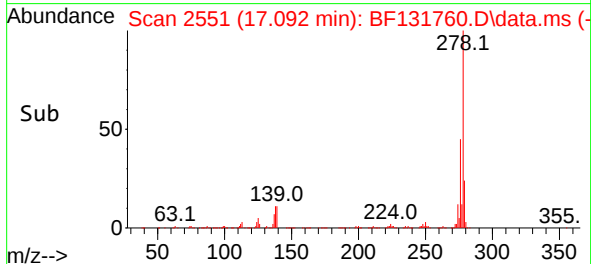
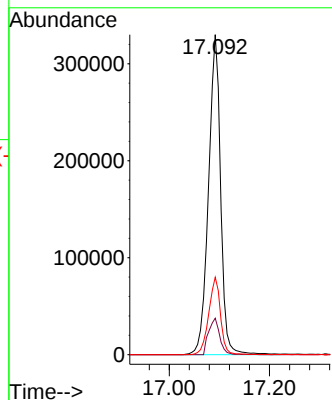
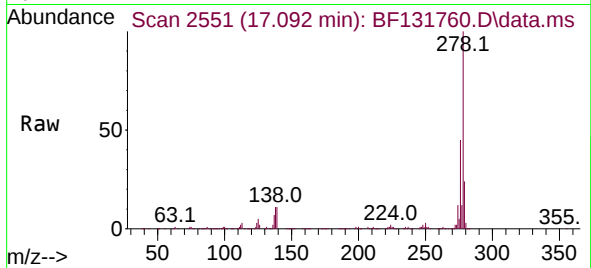




#91
 Dibenzo(a,h)anthracene
 Concen: 54.068 ng
 RT: 17.092 min Scan# 2551
 Delta R.T. 0.000 min
 Lab File: BF131760.D
 Acq: 21 Dec 2022 23:03

Instrument :
 BNA_F
 ClientSampleId :
 C3MS

Tgt Ion:278 Resp: 554866
 Ion Ratio Lower Upper
 278 100
 139 11.4 8.7 13.1
 279 24.2 18.7 28.1



#92
 Benzo(g,h,i)perylene
 Concen: 54.935 ng
 RT: 17.533 min Scan# 2626
 Delta R.T. 0.000 min
 Lab File: BF131760.D
 Acq: 21 Dec 2022 23:03

Tgt Ion:276 Resp: 557227
 Ion Ratio Lower Upper
 276 100
 277 24.1 18.3 27.5
 138 16.0 12.3 18.5

