

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011023\
 Data File : BF131990.D
 Acq On : 10 Jan 2023 10:59
 Operator : CG\JU
 Sample : PB150003BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150003BS

Quant Time: Jan 11 00:33:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 10 00:32:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	105504	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	438917	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	276168	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	505018	20.000	ng	0.00
76) Chrysene-d12	13.986	240	301249	20.000	ng	# 0.00
86) Perylene-d12	15.451	264	201898	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	812690	126.927	ng	0.02
7) Phenol-d6	6.446	99	1061141	124.997	ng	0.01
23) Nitrobenzene-d5	7.369	82	755847	71.472	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	355032	111.809	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1425333	69.673	ng	0.00
79) Terphenyl-d14	12.927	244	1679251	79.895	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.558	88	88014	31.474	ng	100
3) Pyridine	3.287	79	241864	30.817	ng	98
4) n-Nitrosodimethylamine	3.269	42	153333	41.570	ng	97
6) Aniline	6.451	93	344002	30.798	ng	# 6
8) 2-Chlorophenol	6.575	128	296430	46.144	ng	99
9) Benzaldehyde	6.340	77	91427	16.185	ng	96
10) Phenol	6.457	94	415513	43.876	ng	98
11) bis(2-Chloroethyl)ether	6.534	93	311495	43.633	ng	100
12) 1,3-Dichlorobenzene	6.728	146	309256	43.221	ng	100
13) 1,4-Dichlorobenzene	6.804	146	313103	43.248	ng	99
14) 1,2-Dichlorobenzene	6.957	146	296850	43.173	ng	98
15) Benzyl Alcohol	6.945	79	327270	44.270	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.069	45	378136	41.972	ng	69
17) 2-Methylphenol	7.063	107	271072	42.639	ng	92
18) Hexachloroethane	7.298	117	130381	43.548	ng	98
19) n-Nitroso-di-n-propyla...	7.222	70	261281	42.547	ng	95
20) 3+4-Methylphenols	7.216	107	346262	42.425	ng	90
22) Acetophenone	7.216	105	489379	38.295	ng	# 95
24) Nitrobenzene	7.387	77	394099	36.605	ng	99
25) Isophorone	7.628	82	744124	37.665	ng	100
26) 2-Nitrophenol	7.698	139	165937	39.171	ng	95
27) 2,4-Dimethylphenol	7.745	122	278498	39.386	ng	99
28) bis(2-Chloroethoxy)met...	7.834	93	412184	37.696	ng	99
29) 2,4-Dichlorophenol	7.945	162	287916	39.753	ng	96
30) 1,2,4-Trichlorobenzene	8.022	180	320198	38.602	ng	96
31) Naphthalene	8.104	128	866756	37.367	ng	99
32) Benzoic acid	7.916	122	167119	40.767	ng	98
33) 4-Chloroaniline	8.157	127	276411	28.877	ng	98
34) Hexachlorobutadiene	8.210	225	216973	37.728	ng	98
35) Caprolactam	8.563	113	47968	22.550	ng	96
36) 4-Chloro-3-methylphenol	8.657	107	343354	40.392	ng	99
37) 2-Methylnaphthalene	8.798	142	615277	36.933	ng	99
38) 1-Methylnaphthalene	8.898	142	575523	37.288	ng	97
40) 1,2,4,5-Tetrachloroben...	8.963	216	355688	36.550	ng	98
41) Hexachlorocyclopentadiene	8.945	237	313502	66.353	ng	96
43) 2,4,6-Trichlorophenol	9.081	196	224279	38.288	ng	99

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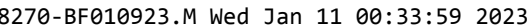
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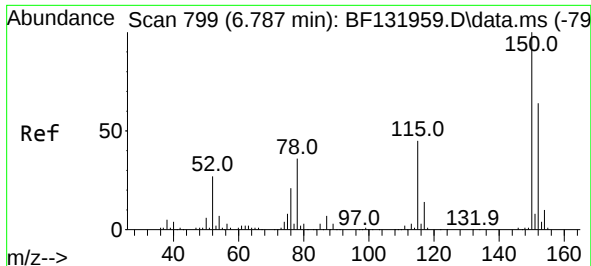
Quant Time: Jan 11 00:33:50 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	239773	35.160	ng	96
46) 1,1'-Biphenyl	9.263	154	796112	37.349	ng	98
47) 2-Chloronaphthalene	9.292	162	621861	37.588	ng	99
48) 2-Nitroaniline	9.398	65	219997	36.611	ng	94
49) Acenaphthylene	9.710	152	922187	35.921	ng	99
50) Dimethylphthalate	9.575	163	797068	37.026	ng	99
51) 2,6-Dinitrotoluene	9.645	165	169222	37.375	ng	98
52) Acenaphthene	9.881	154	556585	36.117	ng	98
53) 3-Nitroaniline	9.816	138	127714	29.075	ng	97
54) 2,4-Dinitrophenol	9.928	184	192328	84.603	ng	98
55) Dibenzofuran	10.051	168	879999	36.226	ng	97
56) 4-Nitrophenol	9.998	139	192213	77.687	ng	94
57) 2,4-Dinitrotoluene	10.051	165	222683	36.787	ng	92
58) Fluorene	10.398	166	709825	36.580	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.134	232	175001	34.440	ng	99
60) Diethylphthalate	10.275	149	779807	36.839	ng	99
61) 4-Chlorophenyl-phenyle...	10.386	204	398122	35.839	ng	96
62) 4-Nitroaniline	10.445	138	144696	36.634	ng	100
63) Azobenzene	10.551	77	800249	35.638	ng	96
65) 4,6-Dinitro-2-methylph...	10.463	198	129928	39.895	ng	88
66) n-Nitrosodiphenylamine	10.516	169	617297	38.961	ng	100
67) 4-Bromophenyl-phenylether	10.881	248	244226	38.658	ng	# 91
68) Hexachlorobenzene	10.945	284	262560	41.084	ng	95
69) Atrazine	11.045	200	251143	43.588	ng	98
70) Pentachlorophenol	11.145	266	232018	68.728	ng	99
71) Phenanthrene	11.363	178	1009641	38.350	ng	99
72) Anthracene	11.416	178	1026432	37.872	ng	99
73) Carbazole	11.575	167	877835	39.123	ng	99
74) Di-n-butylphthalate	11.898	149	1208064	38.667	ng	100
75) Fluoranthene	12.557	202	1120506	37.844	ng	98
77) Benzidine	12.675	184	225142	22.496	ng	98
78) Pyrene	12.786	202	1084788	39.482	ng	99
80) Butylbenzylphthalate	13.404	149	429659	38.741	ng	92
81) Benzo(a)anthracene	13.974	228	814134	37.147	ng	98
82) 3,3'-Dichlorobenzidine	13.939	252	234991	34.354	ng	99
83) Chrysene	14.016	228	740574	36.156	ng	99
84) Bis(2-ethylhexyl)phtha...	13.957	149	581852	38.726	ng	99
85) Di-n-octyl phthalate	14.574	149	784257	38.144	ng	99
87) Indeno(1,2,3-cd)pyrene	16.921	276	586683	47.380	ng	100
88) Benzo(b)fluoranthene	15.027	252	621436	44.876	ng	98
89) Benzo(k)fluoranthene	15.057	252	585306	42.352	ng	100
90) Benzo(a)pyrene	15.392	252	510566	40.922	ng	100
91) Dibenzo(a,h)anthracene	16.939	278	515186	49.633	ng	98
92) Benzo(g,h,i)perylene	17.368	276	492451	44.579	ng	98

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

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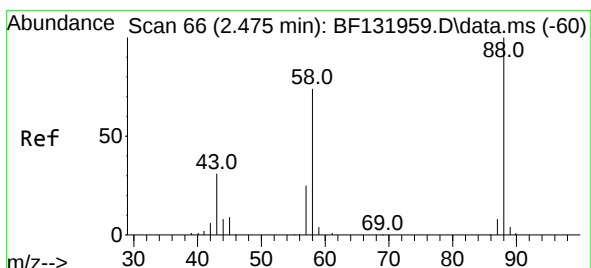
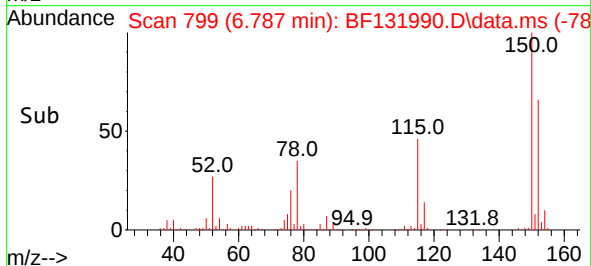
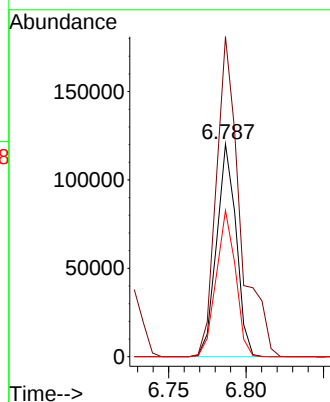
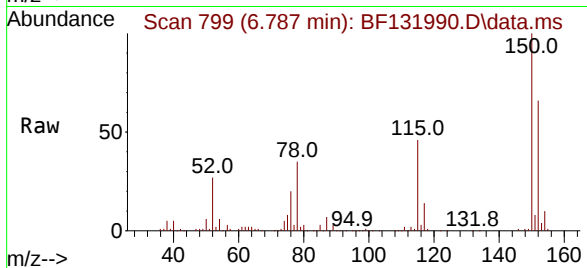




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BF131990.D
 Acq: 10 Jan 2023 10:59

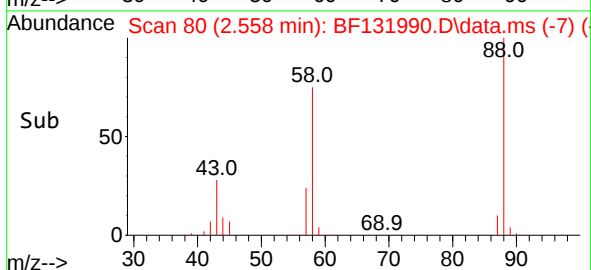
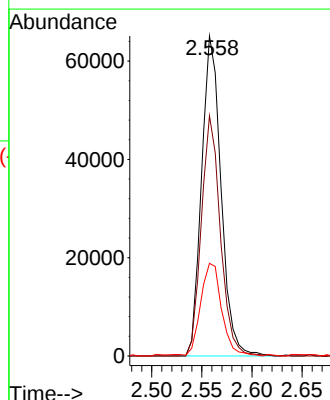
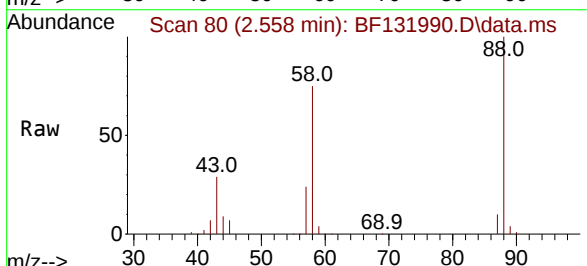
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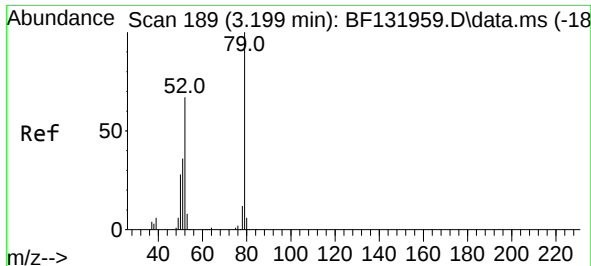
Tgt Ion:152 Resp: 105504
 Ion Ratio Lower Upper
 152 100
 150 150.5 124.6 186.8
 115 68.8 55.6 83.4



#2
 1,4-Dioxane
 Concen: 31.474 ng
 RT: 2.558 min Scan# 80
 Delta R.T. 0.082 min
 Lab File: BF131990.D
 Acq: 10 Jan 2023 10:59

Tgt Ion: 88 Resp: 88014
 Ion Ratio Lower Upper
 88 100
 58 73.5 59.0 88.4
 43 31.3 24.6 37.0

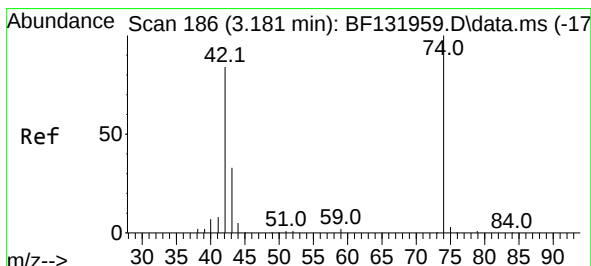
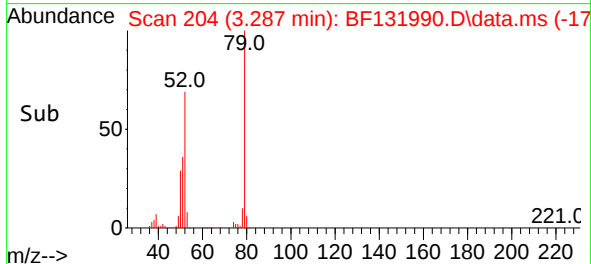
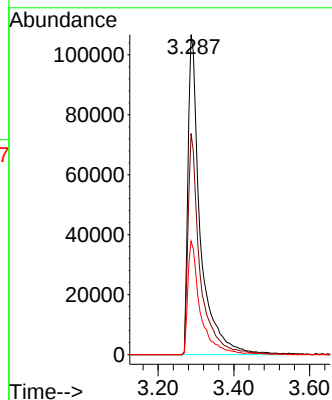
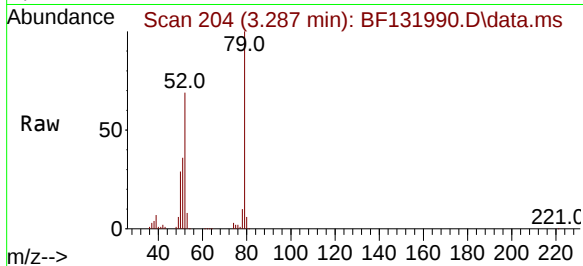




#3
Pyridine
Concen: 30.817 ng
RT: 3.287 min Scan# 201
Delta R.T. 0.088 min
Lab File: BF131990.D
Acq: 10 Jan 2023 10:59

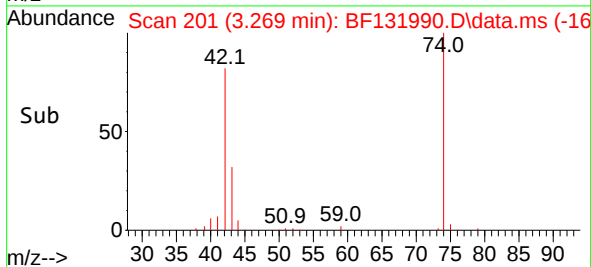
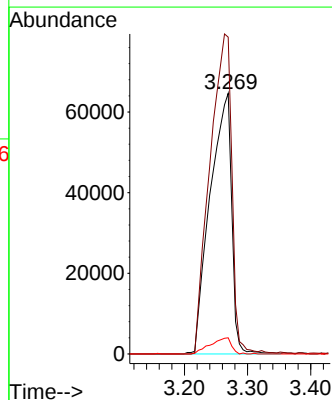
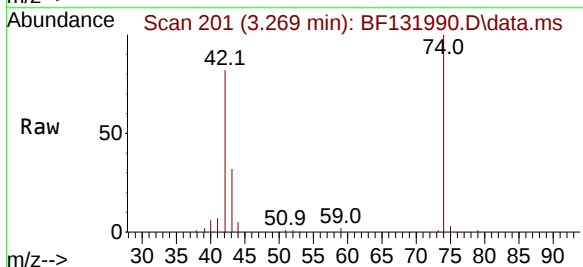
Instrument :
BNA_F
ClientSampleId :
PB150003BS

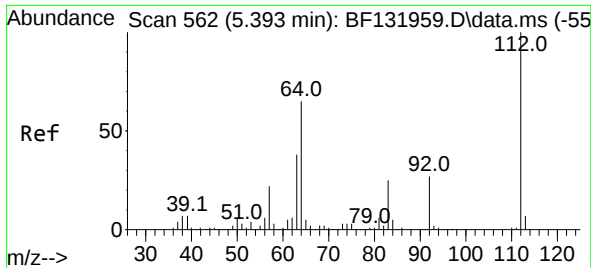
Tgt Ion: 79 Resp: 241864
Ion Ratio Lower Upper
79 100
52 69.1 53.7 80.5
51 35.5 28.6 43.0



#4
n-Nitrosodimethylamine
Concen: 41.570 ng
RT: 3.269 min Scan# 201
Delta R.T. 0.088 min
Lab File: BF131990.D
Acq: 10 Jan 2023 10:59

Tgt Ion: 42 Resp: 153333
Ion Ratio Lower Upper
42 100
74 121.6 94.8 142.2
44 6.2 4.5 6.7

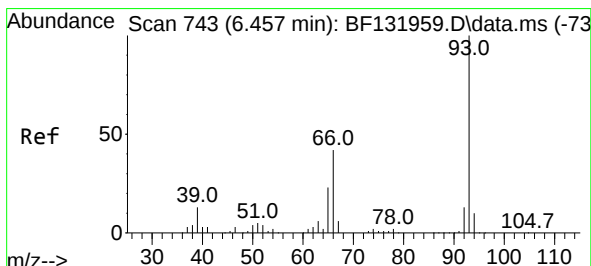
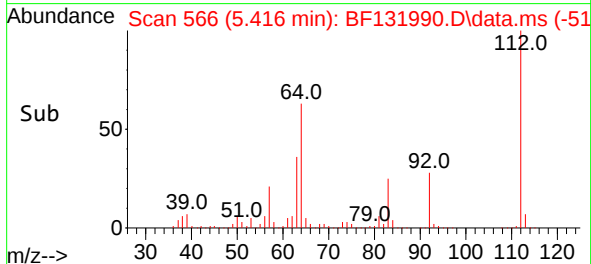
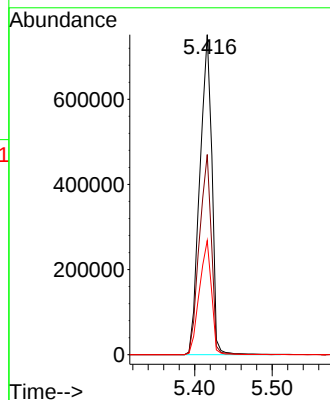
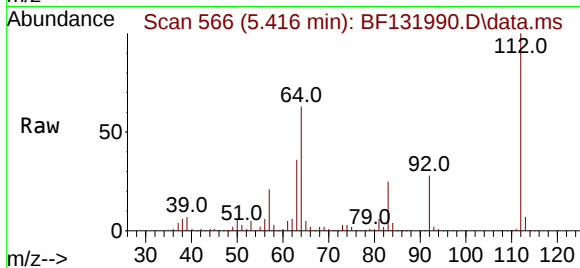




#5
2-Fluorophenol
Concen: 126.927 ng
RT: 5.416 min Scan# 50
Delta R.T. 0.023 min
Lab File: BF131990.D
Acq: 10 Jan 2023 10:59

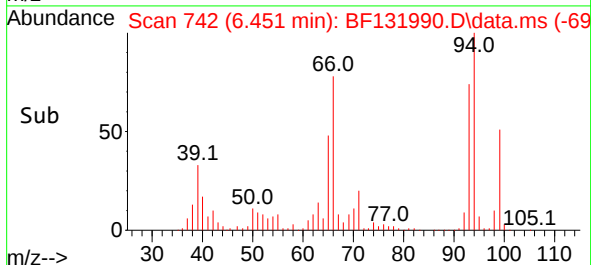
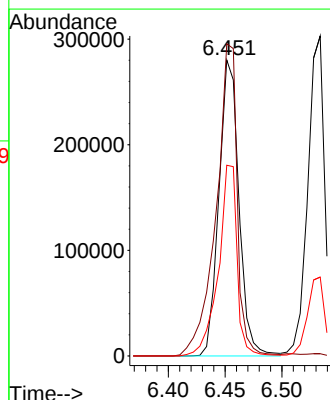
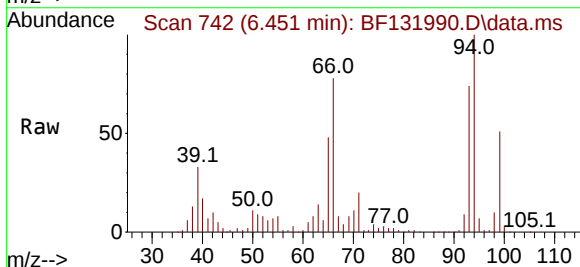
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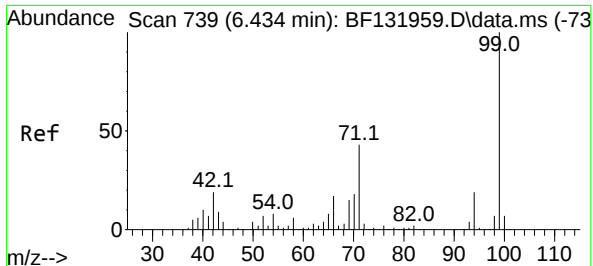
Tgt Ion:112 Resp: 812690
Ion Ratio Lower Upper
112 100
64 62.6 51.9 77.9
63 35.7 30.2 45.2



#6
Aniline
Concen: 30.798 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF131990.D
Acq: 10 Jan 2023 10:59

Tgt Ion: 93 Resp: 344002
Ion Ratio Lower Upper
93 100
66 105.5 34.6 51.8#
65 64.5 18.2 27.2#

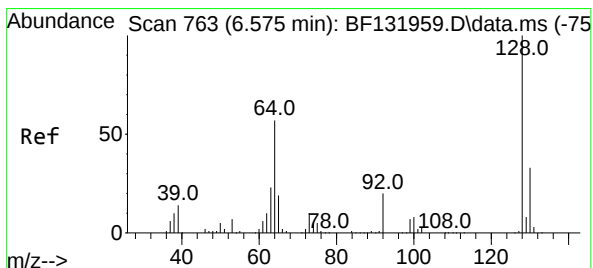
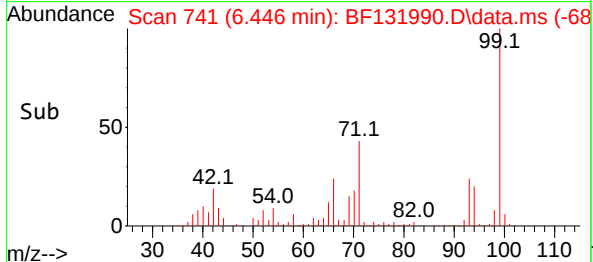
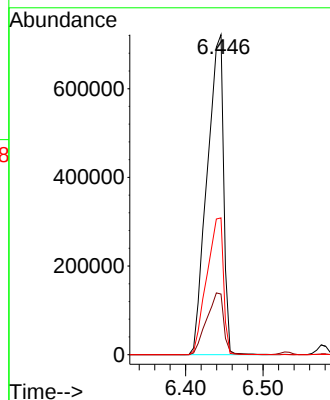
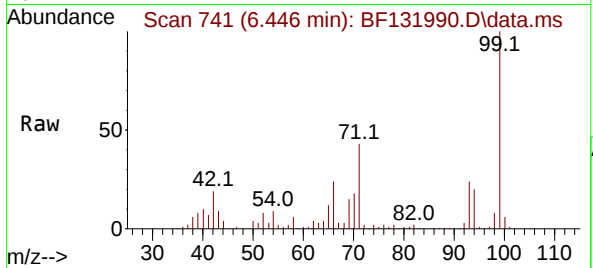




#7
Phenol-d6
Concen: 124.997 ng
RT: 6.446 min Scan# 741
Delta R.T. 0.012 min
Lab File: BF131990.D
Acq: 10 Jan 2023 10:59

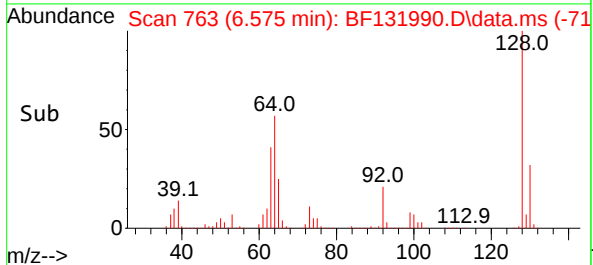
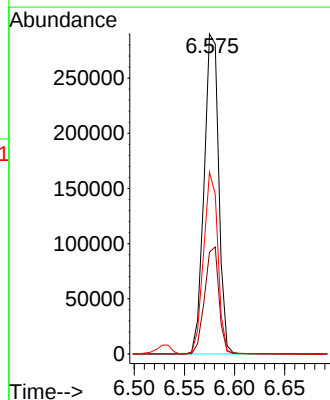
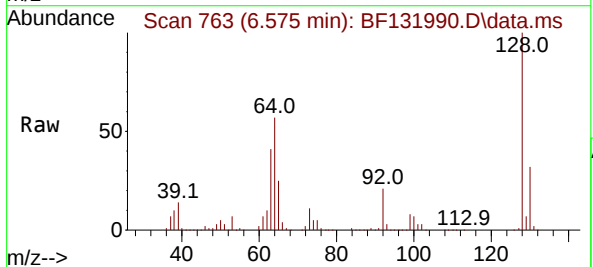
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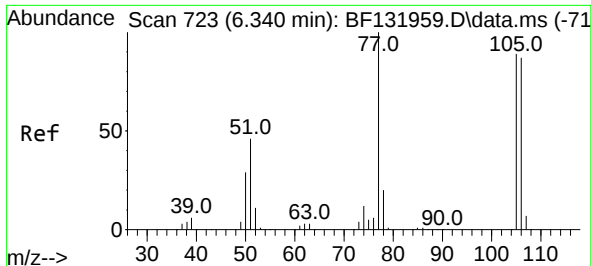
Tgt Ion: 99 Resp: 1061141
Ion Ratio Lower Upper
99 100
42 19.0 15.4 23.2
71 42.8 34.6 51.8



#8
2-Chlorophenol
Concen: 46.144 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.000 min
Lab File: BF131990.D
Acq: 10 Jan 2023 10:59

Tgt Ion:128 Resp: 296430
Ion Ratio Lower Upper
128 100
130 31.8 12.5 52.5
64 56.8 37.6 77.6





#9

Benzaldehyde

Concen: 16.185 ng

RT: 6.340 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF131990.D

Acq: 10 Jan 2023 10:59

Instrument :

BNA_F

ClientSampleId :

PB150003BS

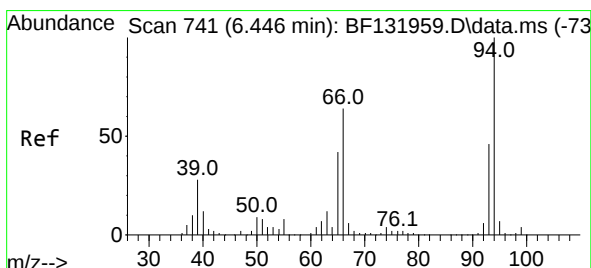
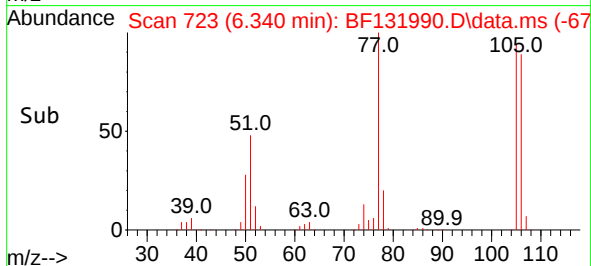
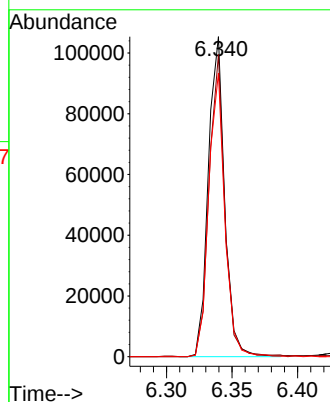
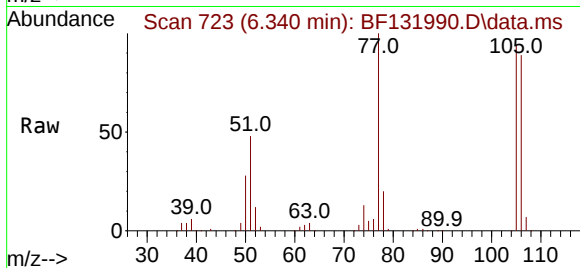
Tgt Ion: 77 Resp: 91427

Ion Ratio Lower Upper

77 100

105 94.4 69.0 109.0

106 88.6 67.0 107.0



#10

Phenol

Concen: 43.876 ng

RT: 6.457 min Scan# 743

Delta R.T. 0.012 min

Lab File: BF131990.D

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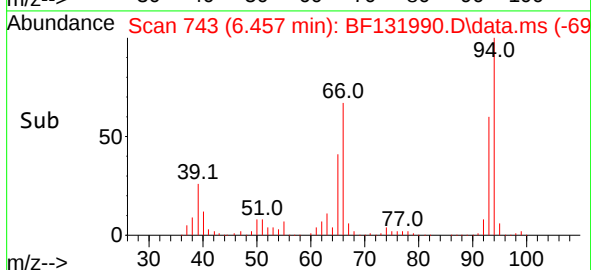
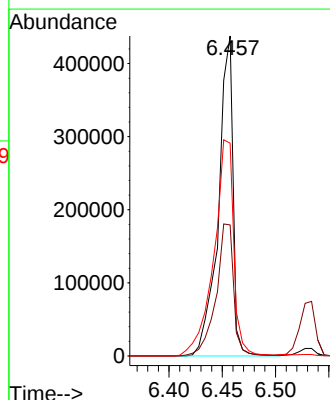
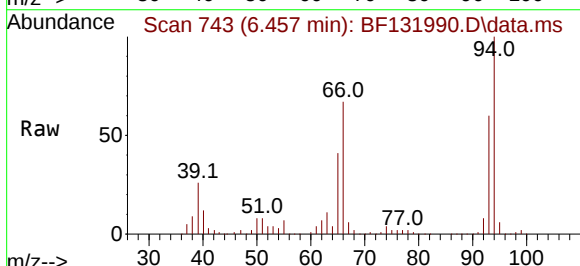
Tgt Ion: 94 Resp: 415513

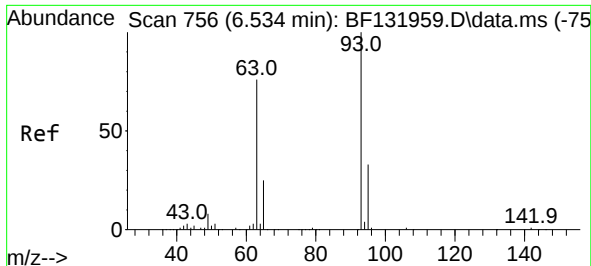
Ion Ratio Lower Upper

94 100

65 40.9 22.2 62.2

66 66.5 44.4 84.4

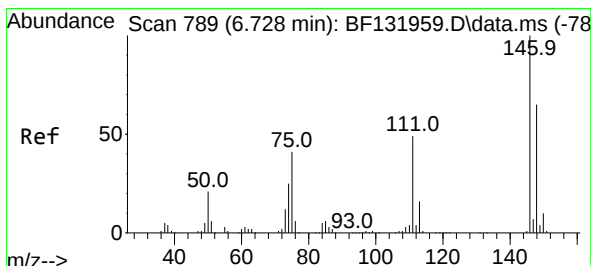
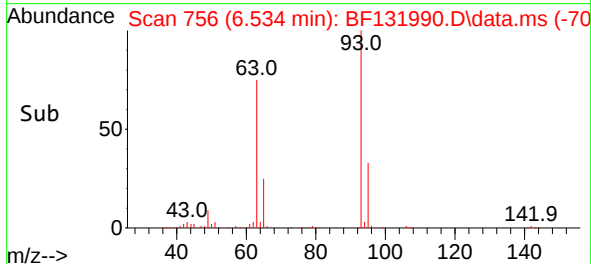
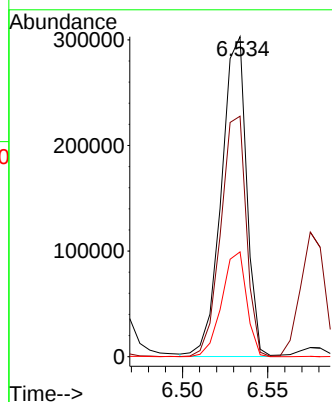
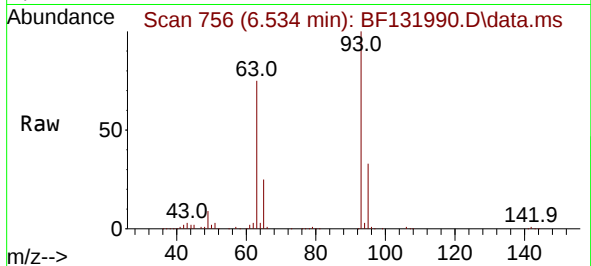




#11
bis(2-Chloroethyl)ether
Concen: 43.633 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF131990.D
Acq: 10 Jan 2023 10:59

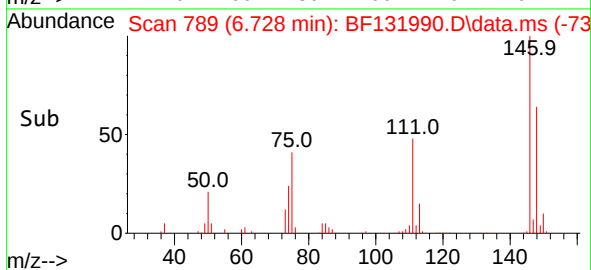
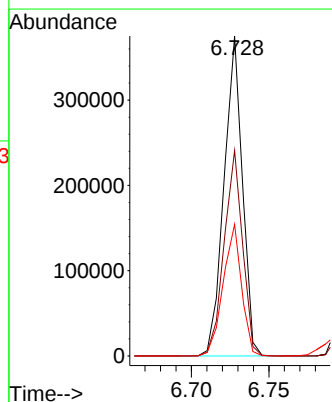
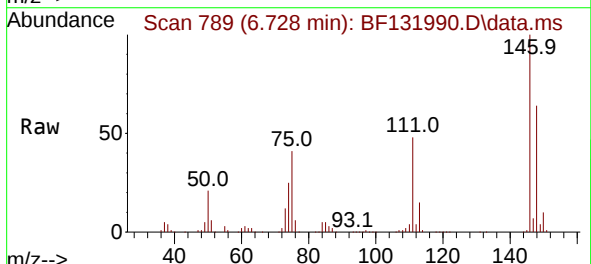
Instrument :
BNA_F
ClientSampleId :
PB150003BS

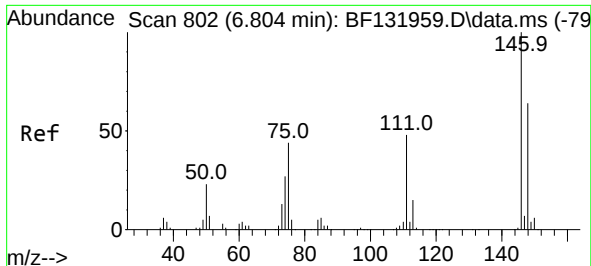
Tgt Ion: 93 Resp: 311495
Ion Ratio Lower Upper
93 100
63 75.2 55.5 95.5
95 32.7 13.1 53.1



#12
1,3-Dichlorobenzene
Concen: 43.221 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF131990.D
Acq: 10 Jan 2023 10:59

Tgt Ion:146 Resp: 309256
Ion Ratio Lower Upper
146 100
148 64.2 51.7 77.5
75 41.2 32.7 49.1





#13

1,4-Dichlorobenzene

Concen: 43.248 ng

RT: 6.804 min Scan# 80

Delta R.T. -0.000 min

Lab File: BF131990.D

Acq: 10 Jan 2023 10:59

Instrument :

BNA_F

ClientSampleId :

PB150003BS

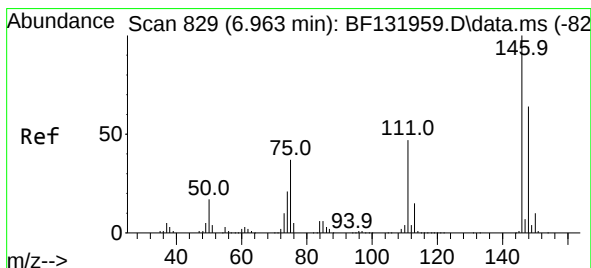
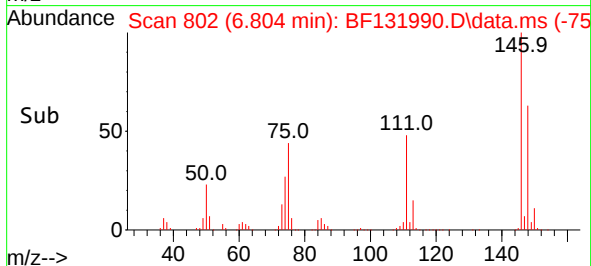
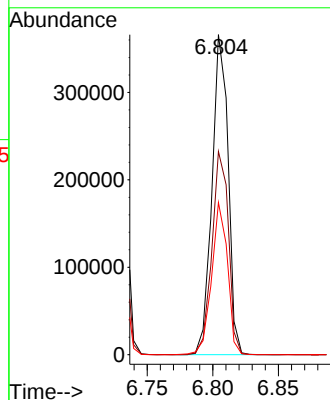
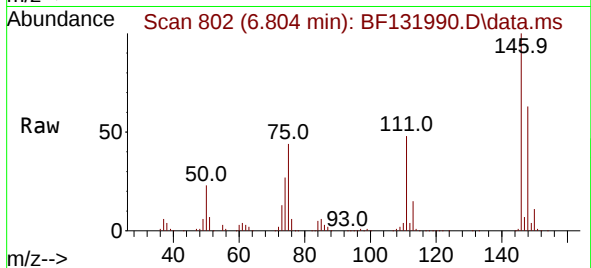
Tgt Ion:146 Resp: 313103

Ion Ratio Lower Upper

146 100

148 63.5 51.0 76.6

111 47.6 38.5 57.7



#14

1,2-Dichlorobenzene

Concen: 43.173 ng

RT: 6.957 min Scan# 828

Delta R.T. -0.006 min

Lab File: BF131990.D

Acq: 10 Jan 2023 10:59

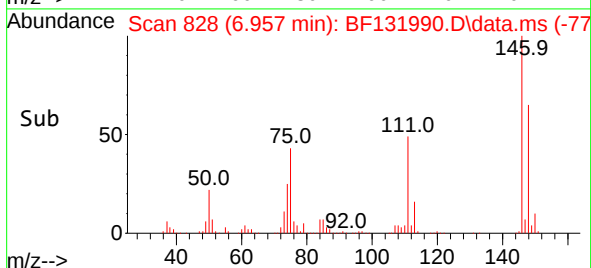
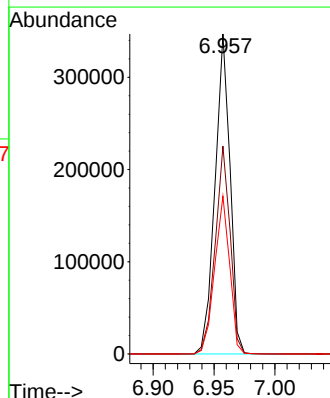
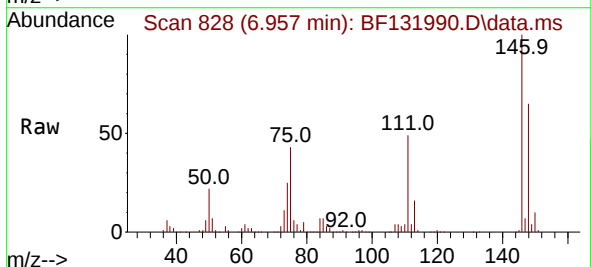
Tgt Ion:146 Resp: 296850

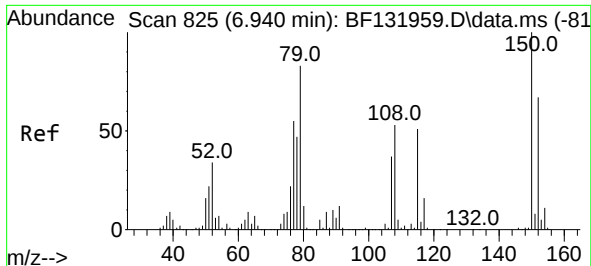
Ion Ratio Lower Upper

146 100

148 65.0 51.4 77.0

111 49.3 37.7 56.5

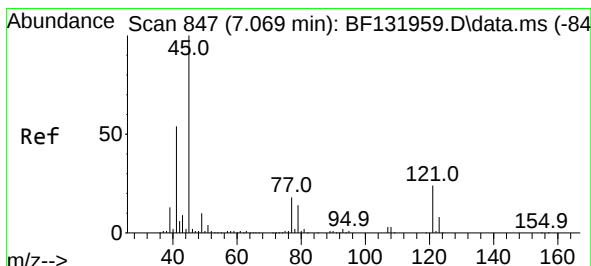
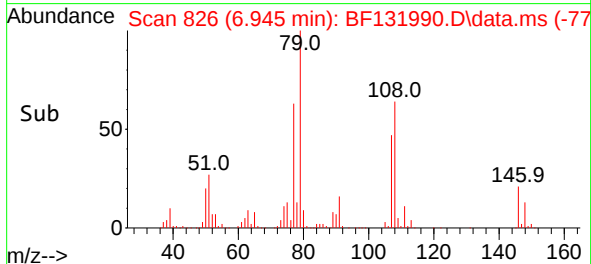
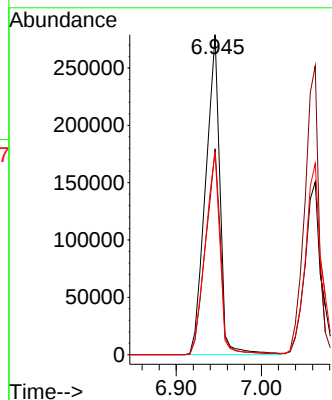
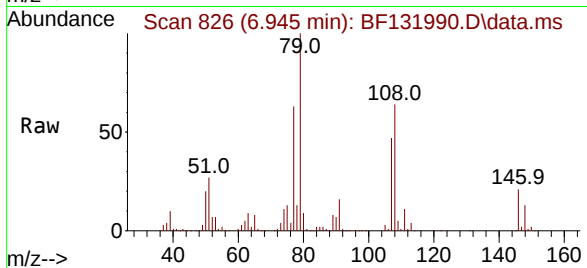




#15
Benzyl Alcohol
Concen: 44.270 ng
RT: 6.945 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF131990.D
Acq: 10 Jan 2023 10:59

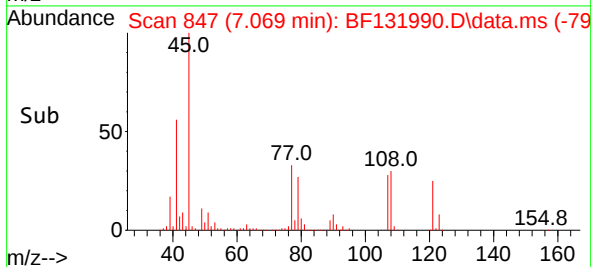
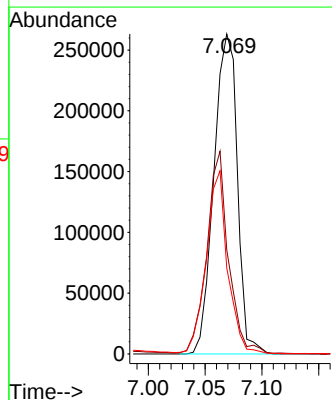
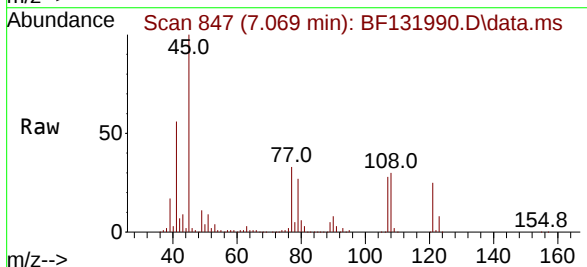
Instrument :
BNA_F
ClientSampleId :
PB150003BS

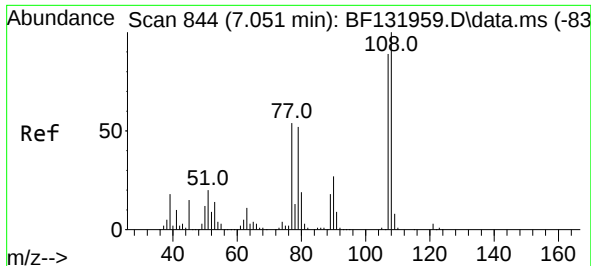
Tgt Ion: 79 Resp: 327270
Ion Ratio Lower Upper
79 100
108 64.4 51.7 77.5
77 63.4 52.9 79.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.972 ng
RT: 7.069 min Scan# 847
Delta R.T. -0.000 min
Lab File: BF131990.D
Acq: 10 Jan 2023 10:59

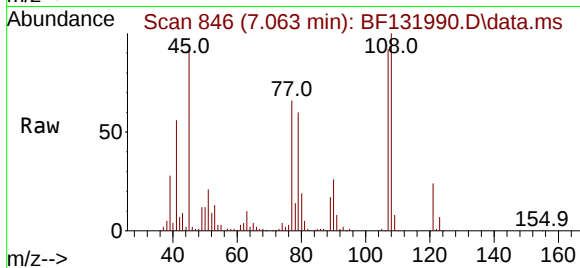
Tgt Ion: 45 Resp: 378136
Ion Ratio Lower Upper
45 100
77 32.6 0.0 38.1
79 26.9 0.0 34.6



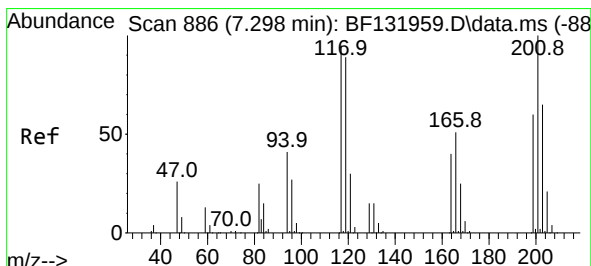
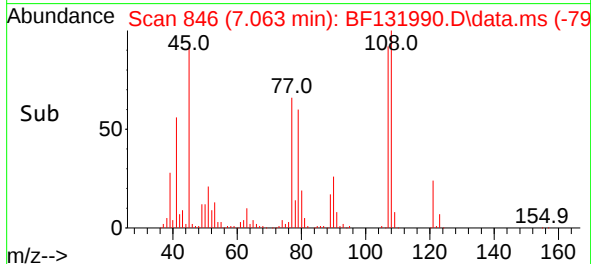
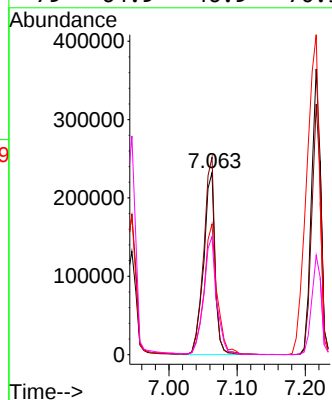


#17
2-Methylphenol
Concen: 42.639 ng
RT: 7.063 min Scan# 844
Delta R.T. 0.012 min
Lab File: BF131990.D
Acq: 10 Jan 2023 10:59

Instrument :
BNA_F
ClientSampleId :
PB150003BS

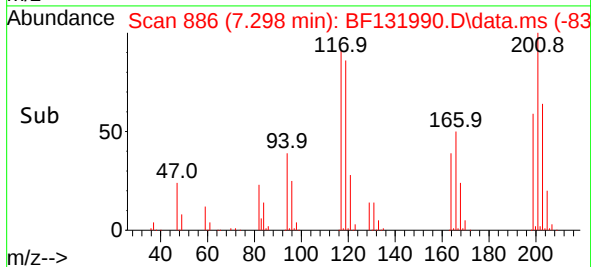
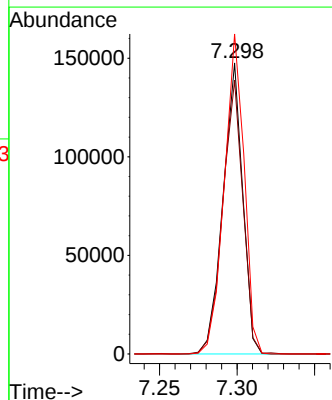
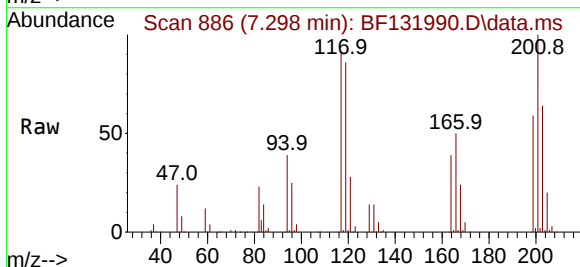


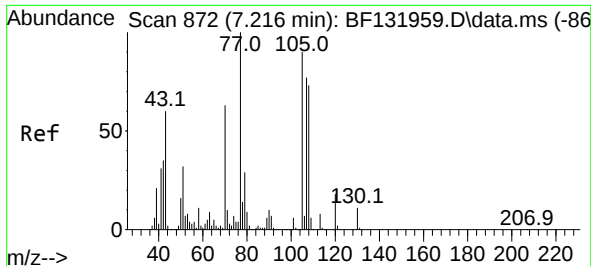
Tgt Ion	Ratio	Lower	Upper
107	100		
108	108.5	90.0	135.0
77	71.8	48.8	73.2
79	64.9	46.9	70.3



#18
Hexachloroethane
Concen: 43.548 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF131990.D
Acq: 10 Jan 2023 10:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.1	75.4	113.0
201	110.0	84.2	126.4

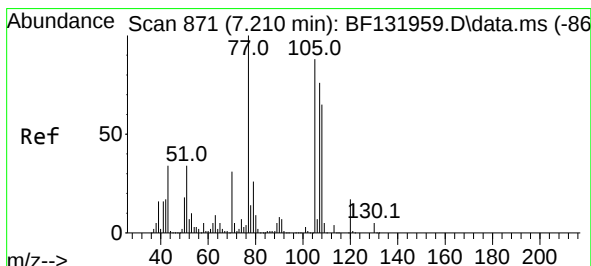
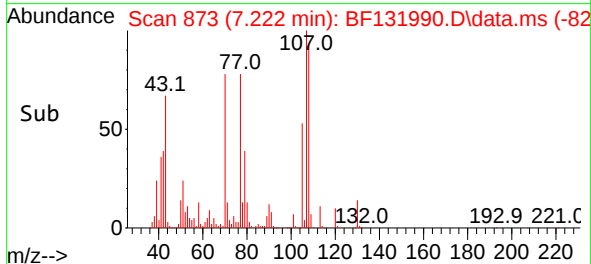
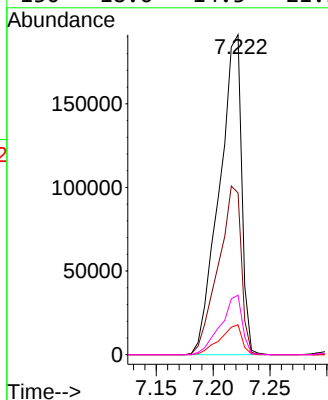
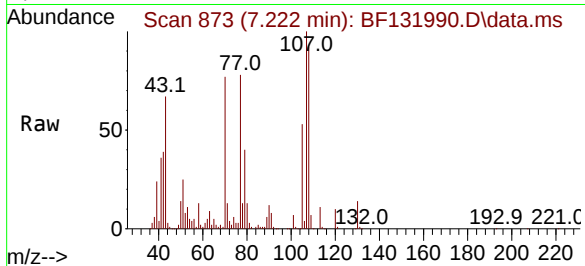




#19
n-Nitroso-di-n-propylamine
Concen: 42.547 ng
RT: 7.222 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF131990.D
Acq: 10 Jan 2023 10:59

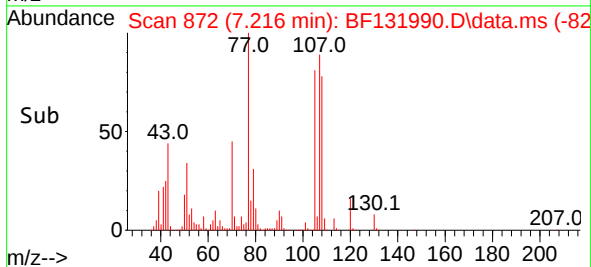
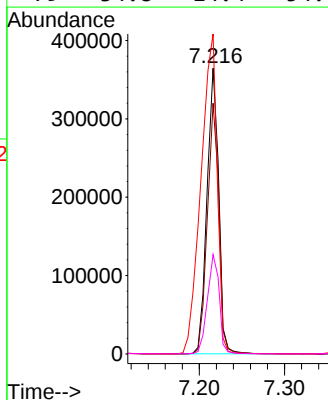
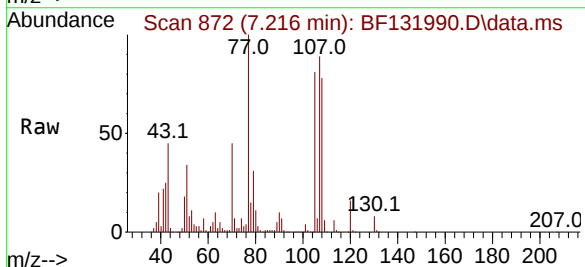
Instrument :
BNA_F
ClientSampleId :
PB150003BS

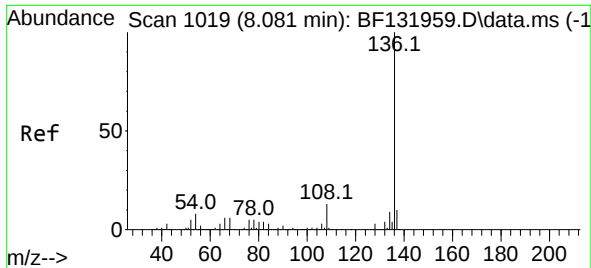
Tgt Ion: 70 Resp: 261281
Ion Ratio Lower Upper
70 100
42 50.6 44.3 66.5
101 9.4 7.5 11.3
130 18.6 14.3 21.5



#20
3+4-Methylphenols
Concen: 42.425 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.006 min
Lab File: BF131990.D
Acq: 10 Jan 2023 10:59

Tgt Ion: 107 Resp: 346262
Ion Ratio Lower Upper
107 100
108 87.7 65.1 105.1
77 112.0 111.2 151.2
79 34.8 14.4 54.4

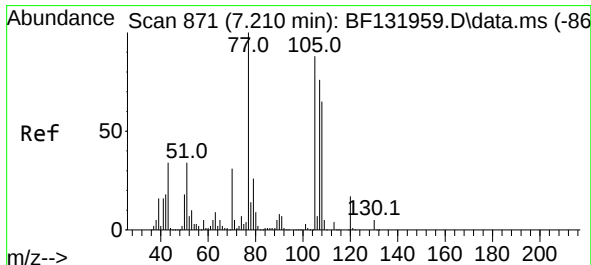
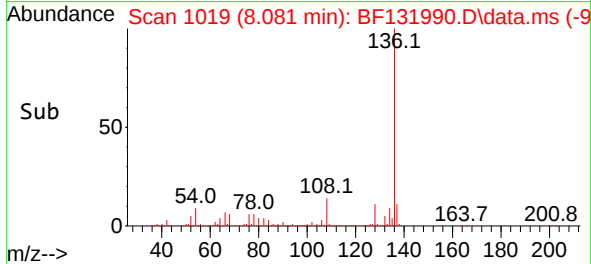
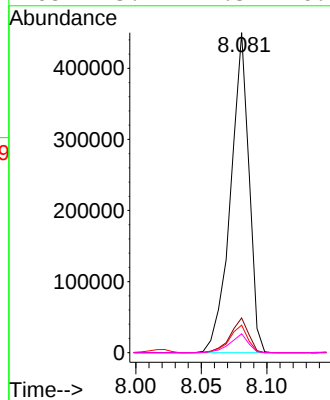
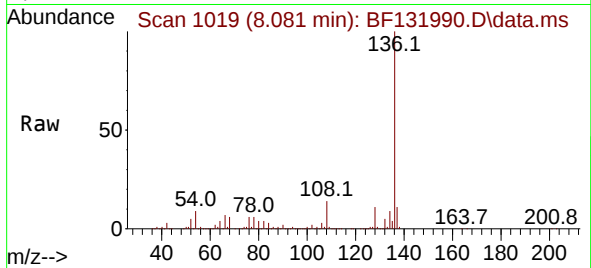




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF131990.D
Acq: 10 Jan 2023 10:59

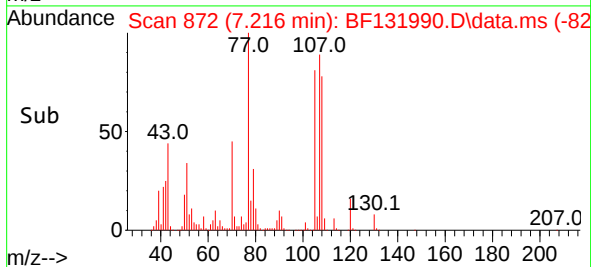
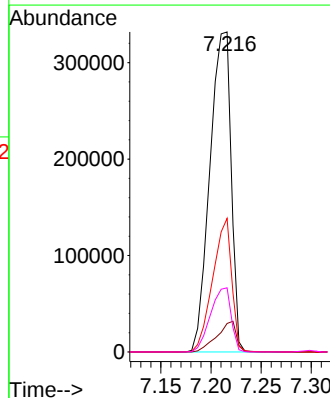
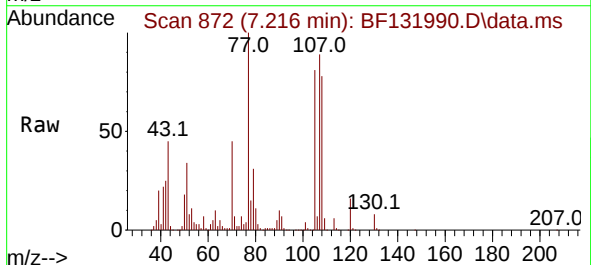
Instrument :
BNA_F
ClientSampleId :
PB150003BS

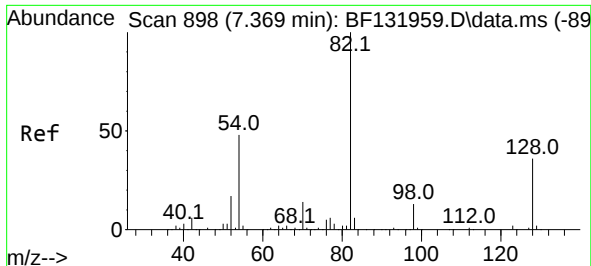
Tgt Ion:136 Resp: 438917
Ion Ratio Lower Upper
136 100
137 10.8 8.2 12.2
54 8.6 6.6 9.8
68 5.9 4.5 6.7



#22
Acetophenone
Concen: 38.295 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.006 min
Lab File: BF131990.D
Acq: 10 Jan 2023 10:59

Tgt Ion:105 Resp: 489379
Ion Ratio Lower Upper
105 100
71 8.9 4.6 7.0#
51 41.8 30.6 46.0
120 20.0 15.3 22.9

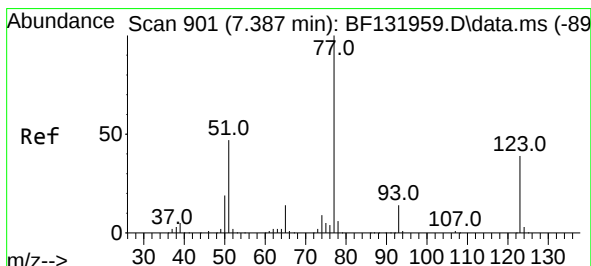
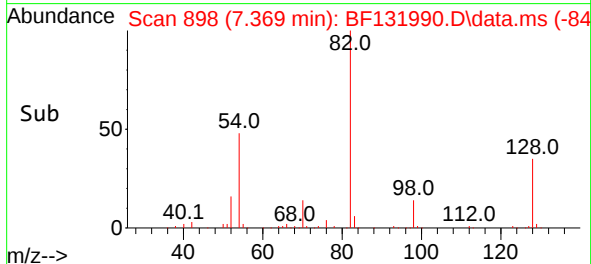
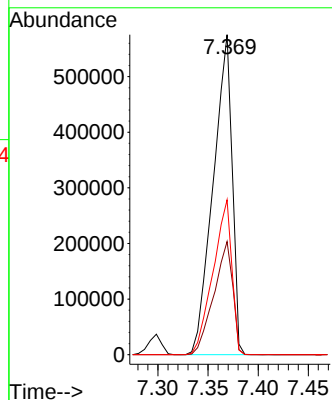
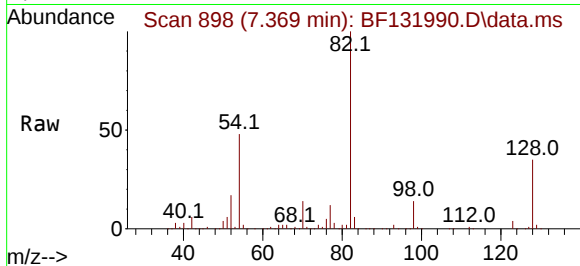




#23
Nitrobenzene-d5
Concen: 71.472 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.000 min
Lab File: BF131990.D
Acq: 10 Jan 2023 10:59

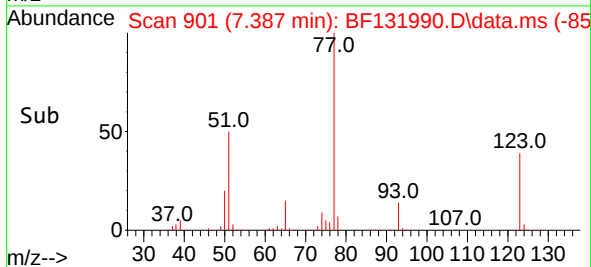
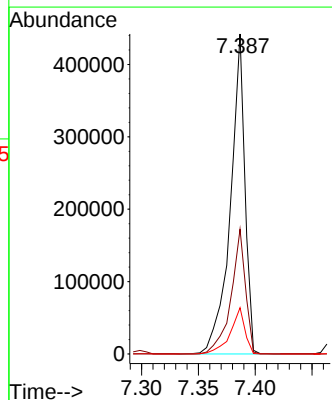
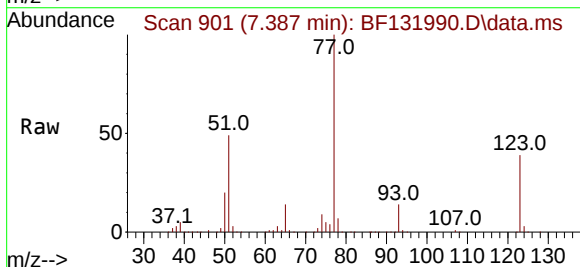
Instrument :
BNA_F
ClientSampleId :
PB150003BS

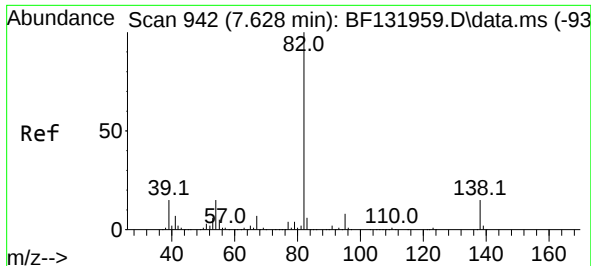
Tgt Ion: 82 Resp: 755847
Ion Ratio Lower Upper
82 100
128 35.3 28.7 43.1
54 48.4 38.1 57.1



#24
Nitrobenzene
Concen: 36.605 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF131990.D
Acq: 10 Jan 2023 10:59

Tgt Ion: 77 Resp: 394099
Ion Ratio Lower Upper
77 100
123 39.0 30.9 46.3
65 14.4 10.8 16.2

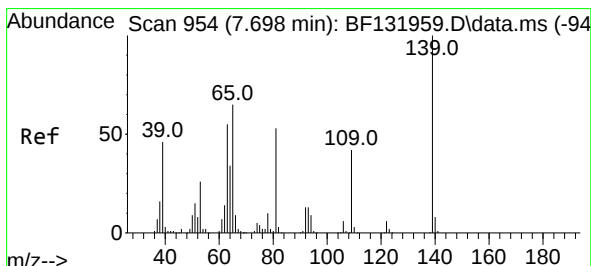
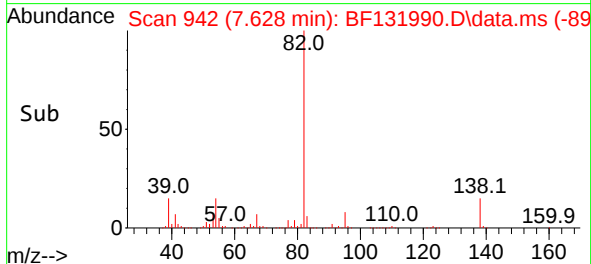
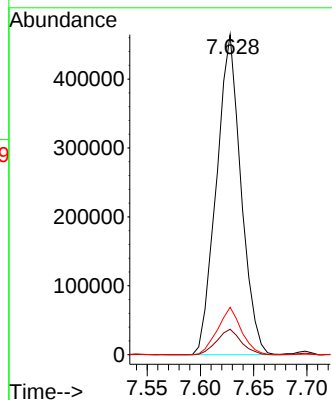
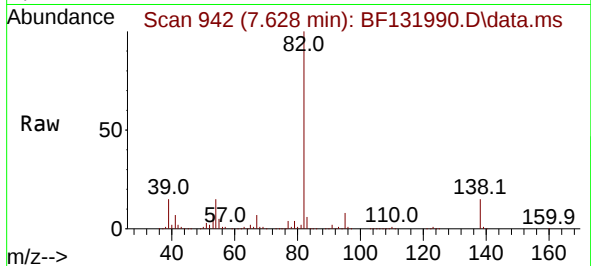




#25
Isophorone
Concen: 37.665 ng
RT: 7.628 min Scan# 941
Delta R.T. -0.000 min
Lab File: BF131990.D
Acq: 10 Jan 2023 10:59

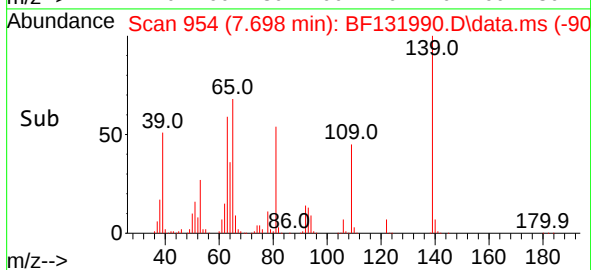
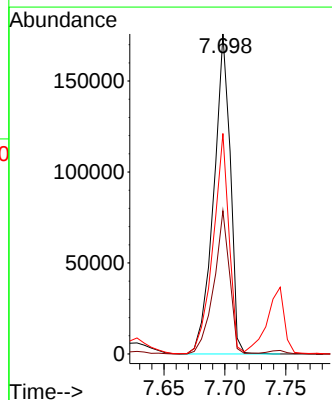
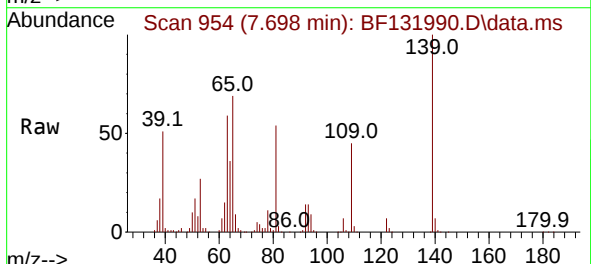
Instrument :
BNA_F
ClientSampleId :
PB150003BS

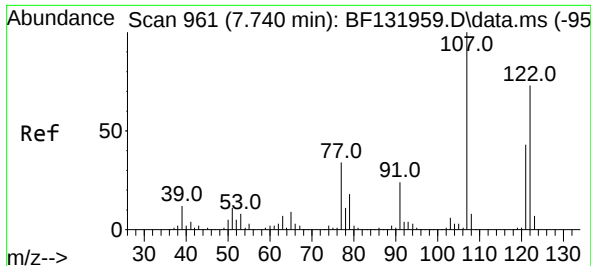
Tgt Ion: 82 Resp: 744124
Ion Ratio Lower Upper
82 100
95 7.9 6.5 9.7
138 14.8 11.9 17.9



#26
2-Nitrophenol
Concen: 39.171 ng
RT: 7.698 min Scan# 954
Delta R.T. -0.000 min
Lab File: BF131990.D
Acq: 10 Jan 2023 10:59

Tgt Ion:139 Resp: 165937
Ion Ratio Lower Upper
139 100
109 44.8 33.9 50.9
65 68.9 51.6 77.4





#27

2,4-Dimethylphenol

Concen: 39.386 ng

RT: 7.745 min Scan# 961

Delta R.T. 0.006 min

Lab File: BF131990.D

Acq: 10 Jan 2023 10:59

Instrument :

BNA_F

ClientSampleId :

PB150003BS

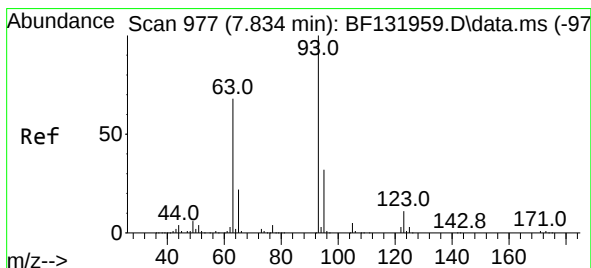
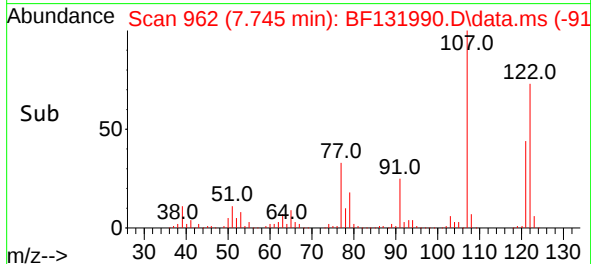
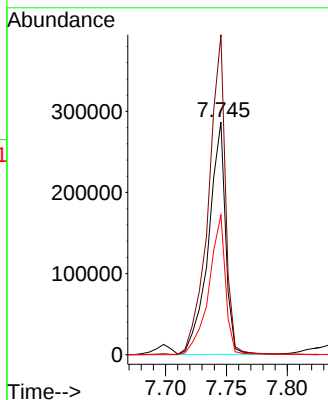
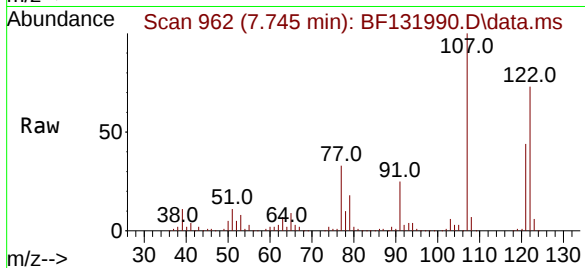
Tgt Ion:122 Resp: 278498

Ion Ratio Lower Upper

122 100

107 137.6 109.4 164.0

121 60.1 47.2 70.8



#28

bis(2-Chloroethoxy)methane

Concen: 37.696 ng

RT: 7.834 min Scan# 977

Delta R.T. -0.000 min

Lab File: BF131990.D

Acq: 10 Jan 2023 10:59

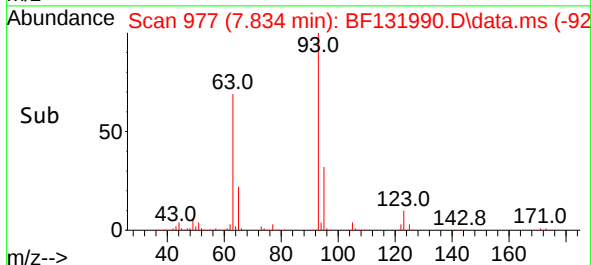
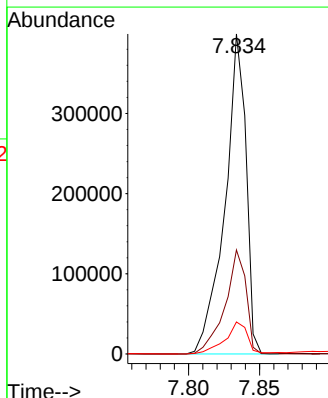
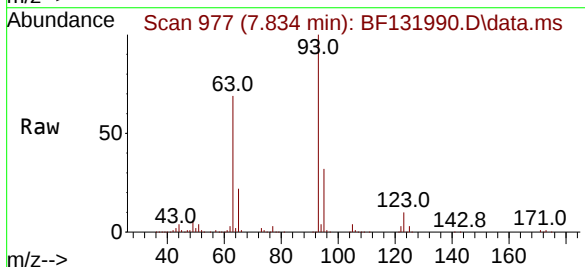
Tgt Ion: 93 Resp: 412184

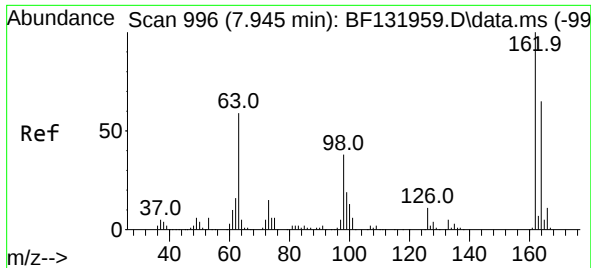
Ion Ratio Lower Upper

93 100

95 32.5 25.8 38.6

123 10.0 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 39.753 ng

RT: 7.945 min Scan# 996

Delta R.T. -0.000 min

Lab File: BF131990.D

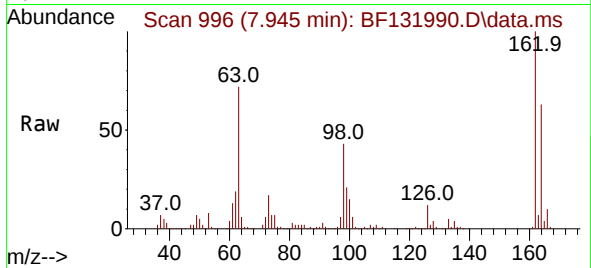
Acq: 10 Jan 2023 10:59

Instrument :

BNA_F

ClientSampleId :

PB150003BS



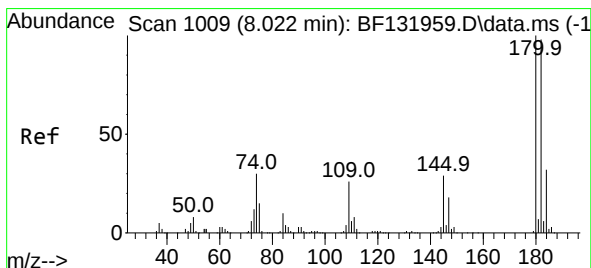
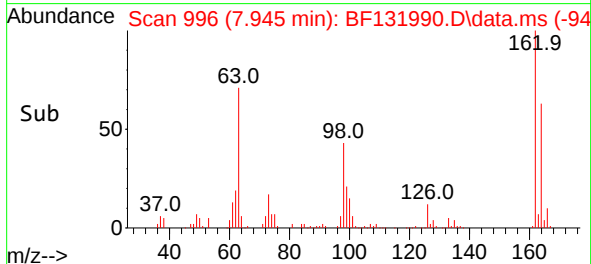
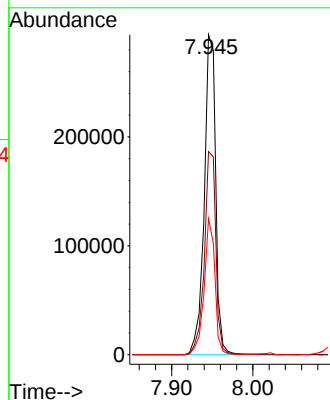
Tgt Ion:162 Resp: 287916

Ion Ratio Lower Upper

162 100

164 63.5 45.2 85.2

98 42.5 17.5 57.5



#30

1,2,4-Trichlorobenzene

Concen: 38.602 ng

RT: 8.022 min Scan# 1009

Delta R.T. -0.000 min

Lab File: BF131990.D

Acq: 10 Jan 2023 10:59

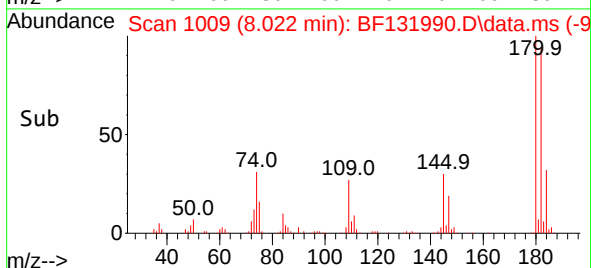
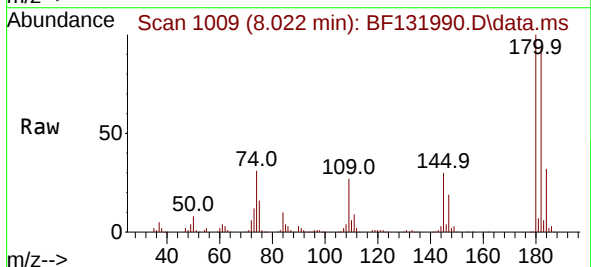
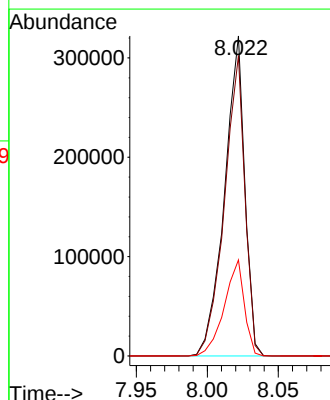
Tgt Ion:180 Resp: 320198

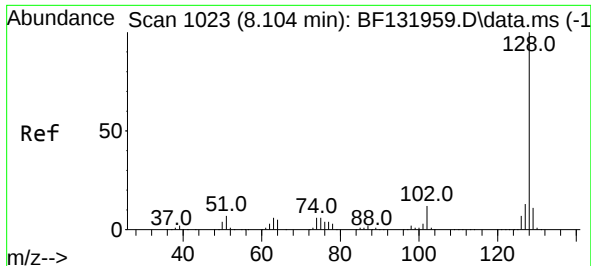
Ion Ratio Lower Upper

180 100

182 93.9 78.4 117.6

145 30.0 23.2 34.8

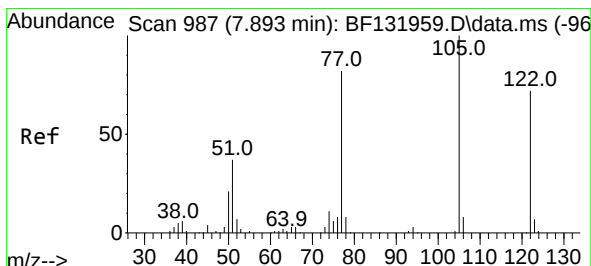
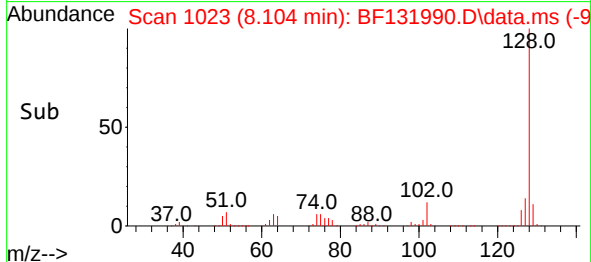
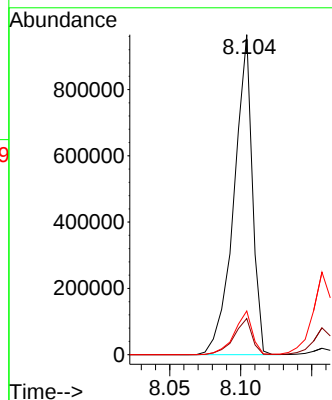
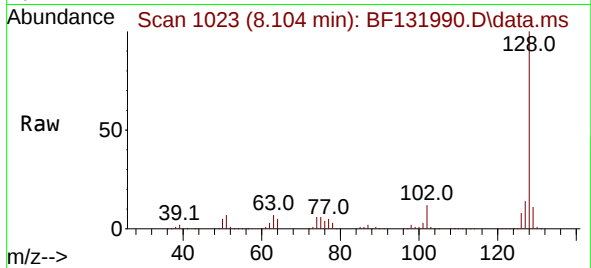




#31
Naphthalene
Concen: 37.367 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF131990.D
Acq: 10 Jan 2023 10:59

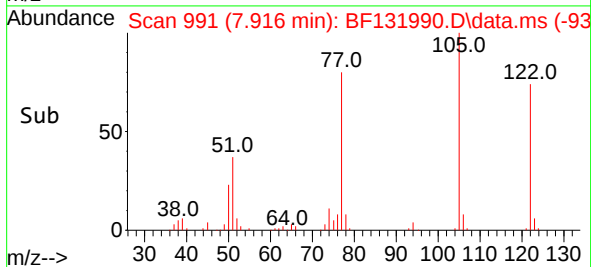
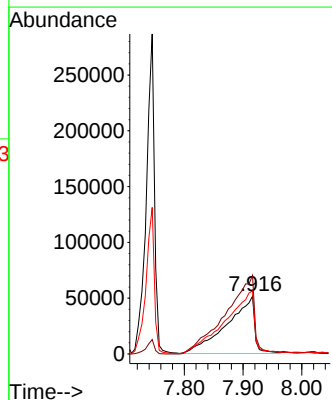
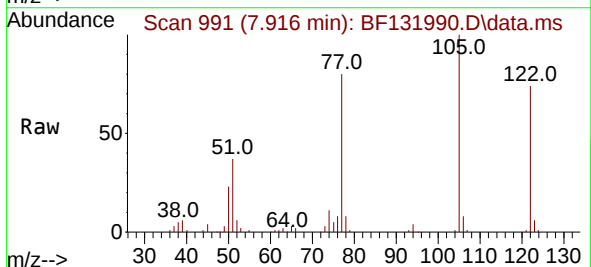
Instrument :
BNA_F
ClientSampleId :
PB150003BS

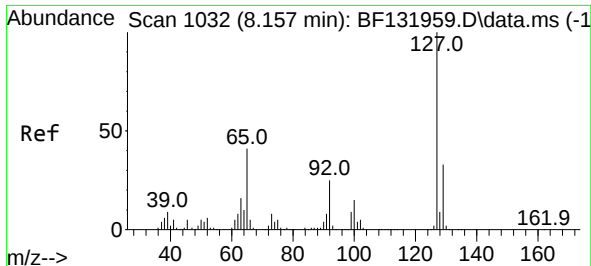
Tgt Ion:128 Resp: 866756
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.6 10.5 15.7



#32
Benzoic acid
Concen: 40.767 ng
RT: 7.916 min Scan# 991
Delta R.T. 0.023 min
Lab File: BF131990.D
Acq: 10 Jan 2023 10:59

Tgt Ion:122 Resp: 167119
Ion Ratio Lower Upper
122 100
105 136.0 116.3 156.3
77 109.2 92.7 132.7

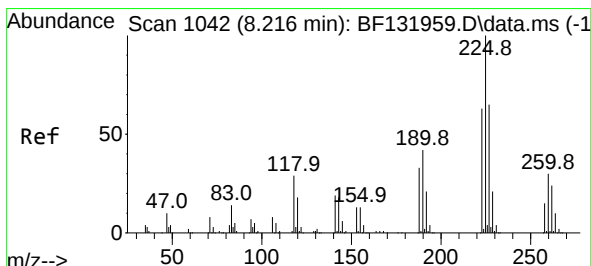
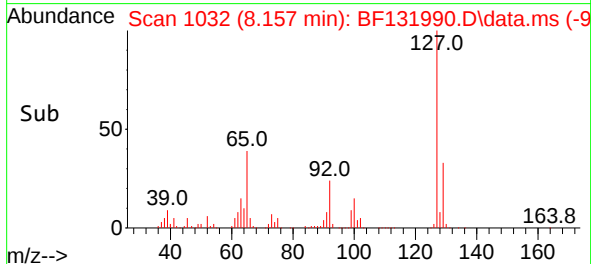
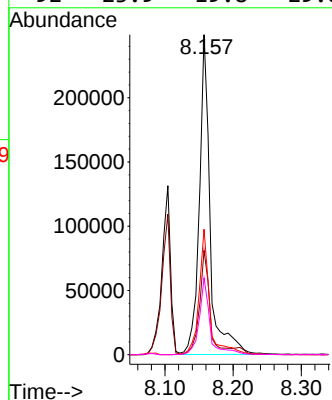
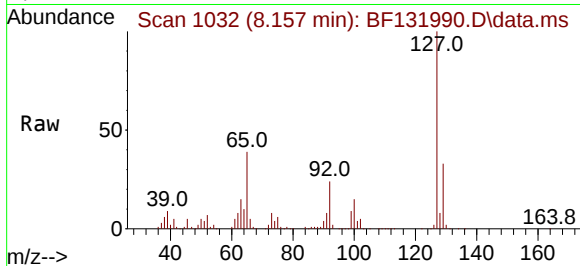




#33
4-Chloroaniline
Concen: 28.877 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF131990.D
Acq: 10 Jan 2023 10:59

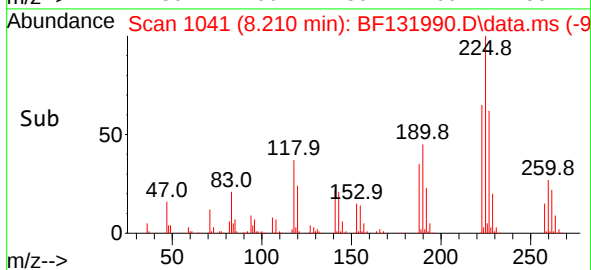
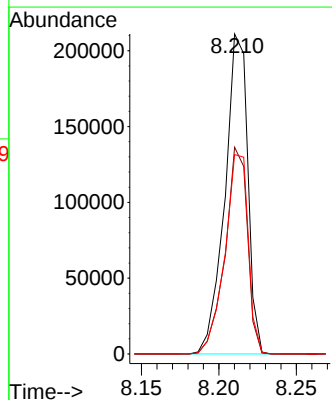
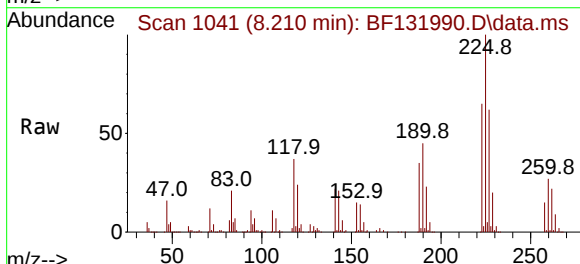
Instrument :
BNA_F
ClientSampleId :
PB150003BS

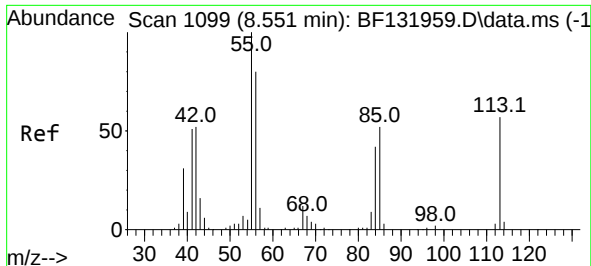
Tgt Ion:	127	Resp:	276411
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.5	39.7
65	39.2	33.1	49.7
92	23.9	19.8	29.8



#34
Hexachlorobutadiene
Concen: 37.728 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF131990.D
Acq: 10 Jan 2023 10:59

Tgt Ion:	225	Resp:	216973
Ion	Ratio	Lower	Upper
225	100		
223	64.6	50.6	75.8
227	62.3	51.6	77.4

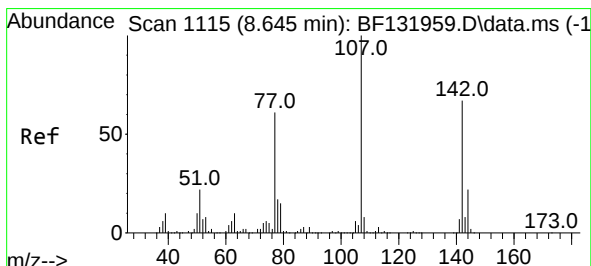
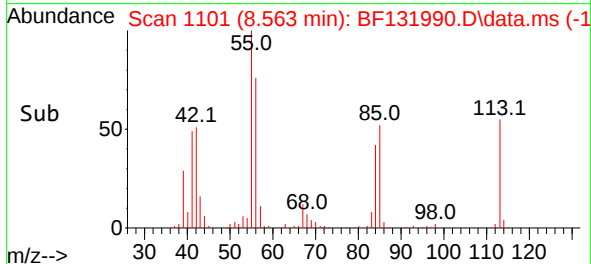
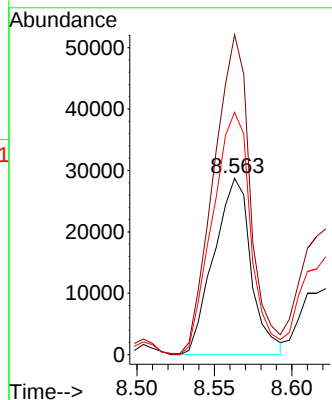
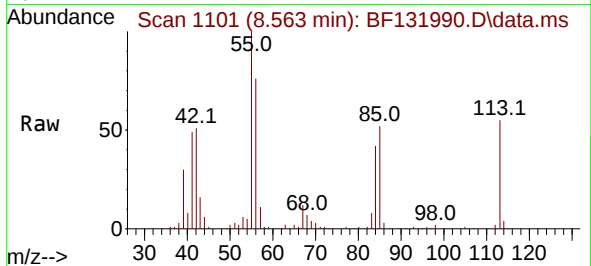




#35
Caprolactam
Concen: 22.550 ng
RT: 8.563 min Scan# 1101
Delta R.T. 0.012 min
Lab File: BF131990.D
Acq: 10 Jan 2023 10:59

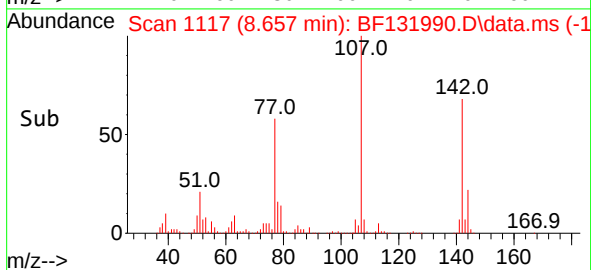
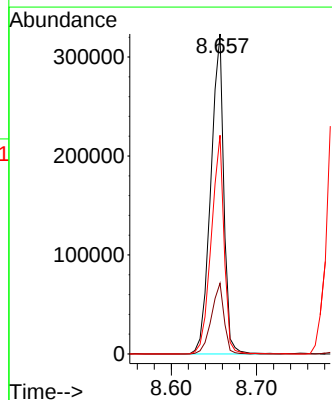
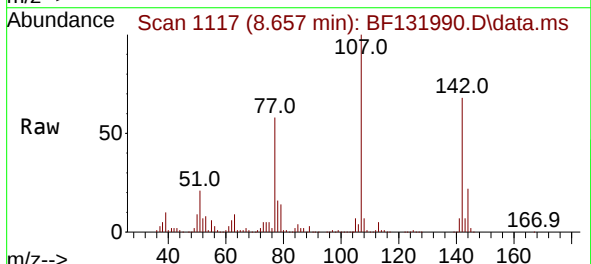
Instrument :
BNA_F
ClientSampleId :
PB150003BS

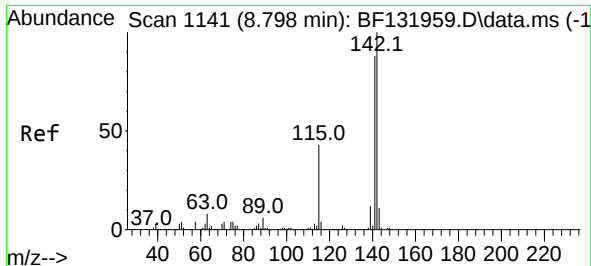
Tgt Ion:113 Resp: 47968
Ion Ratio Lower Upper
113 100
55 181.5 154.4 194.4
56 137.4 119.6 159.6



#36
4-Chloro-3-methylphenol
Concen: 40.392 ng
RT: 8.657 min Scan# 1117
Delta R.T. 0.012 min
Lab File: BF131990.D
Acq: 10 Jan 2023 10:59

Tgt Ion:107 Resp: 343354
Ion Ratio Lower Upper
107 100
144 22.1 17.4 26.2
142 68.3 53.7 80.5





#37

2-Methylnaphthalene

Concen: 36.933 ng

RT: 8.798 min Scan# 1141

Delta R.T. -0.000 min

Lab File: BF131990.D

Acq: 10 Jan 2023 10:59

Instrument :

BNA_F

ClientSampleId :

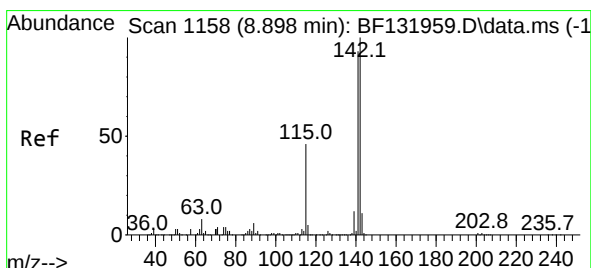
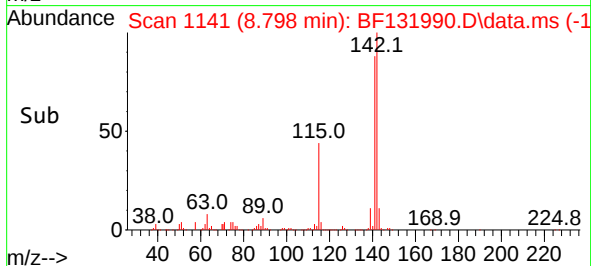
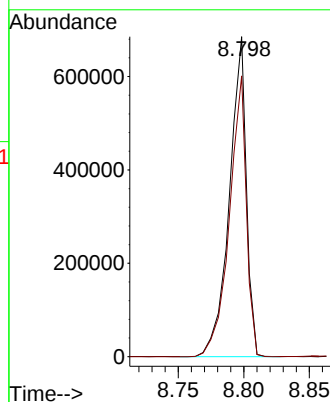
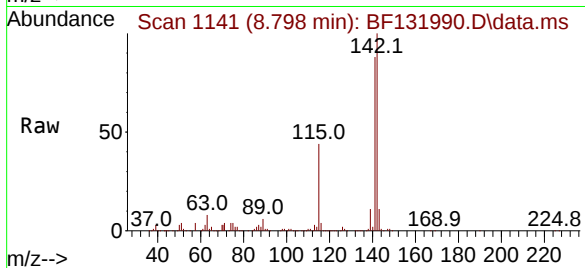
PB150003BS

Tgt Ion:142 Resp: 615277

Ion Ratio Lower Upper

142 100

141 87.7 70.6 106.0



#38

1-Methylnaphthalene

Concen: 37.288 ng

RT: 8.898 min Scan# 1158

Delta R.T. -0.000 min

Lab File: BF131990.D

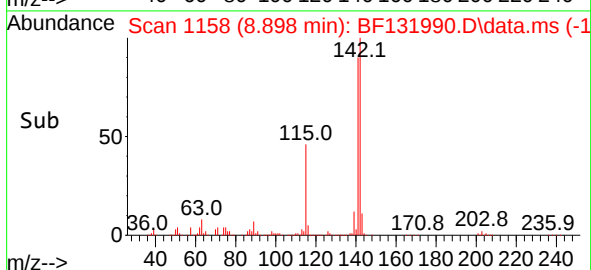
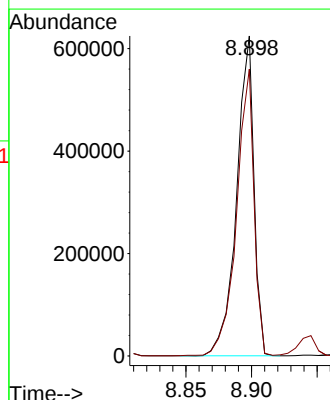
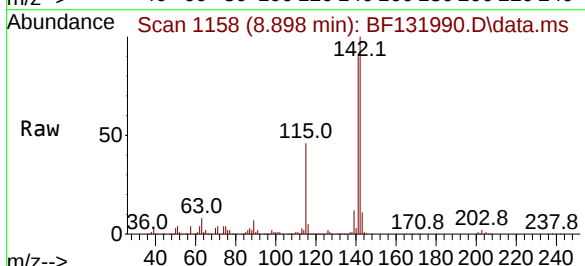
Acq: 10 Jan 2023 10:59

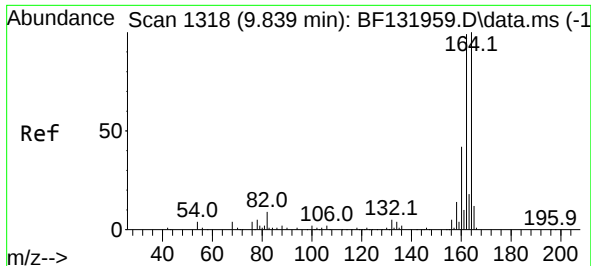
Tgt Ion:142 Resp: 575523

Ion Ratio Lower Upper

142 100

141 89.7 74.3 111.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.845 min Scan# 1169

Delta R.T. 0.006 min

Lab File: BF131990.D

Acq: 10 Jan 2023 10:59

Instrument :

BNA_F

ClientSampleId :

PB150003BS

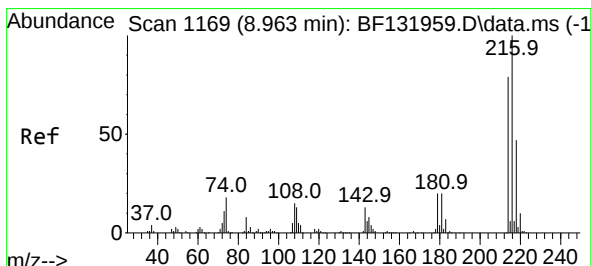
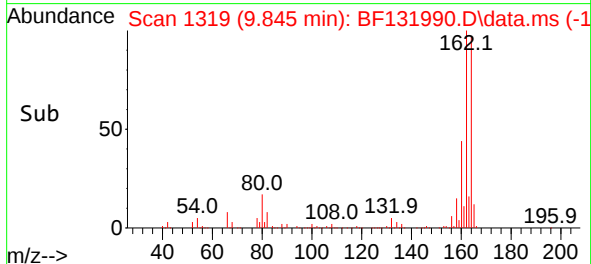
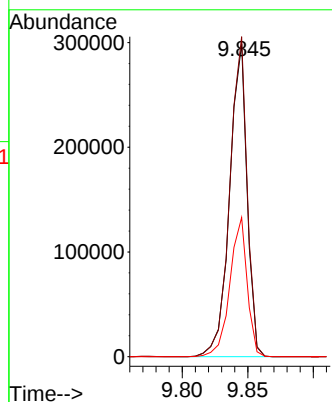
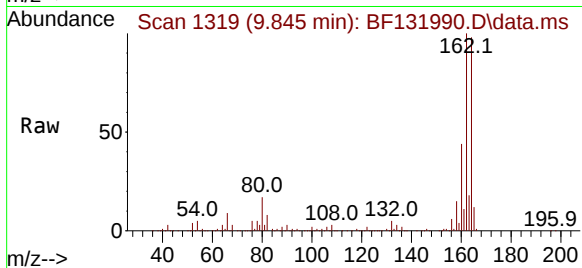
Tgt Ion:164 Resp: 276168

Ion Ratio Lower Upper

164 100

162 102.3 79.4 119.0

160 44.5 33.9 50.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.550 ng

RT: 8.963 min Scan# 1169

Delta R.T. -0.000 min

Lab File: BF131990.D

Acq: 10 Jan 2023 10:59

Tgt Ion:216 Resp: 355688

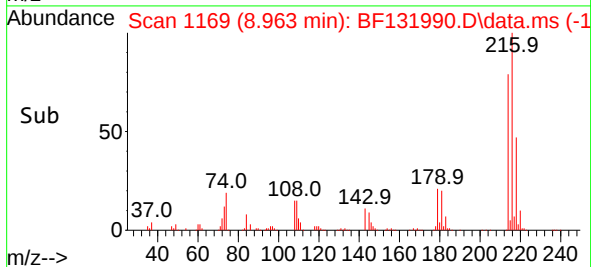
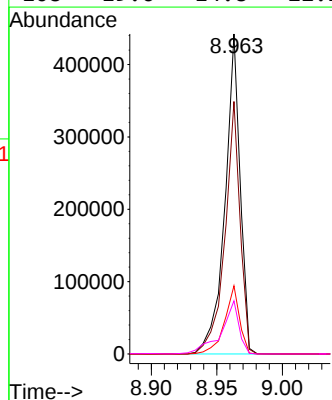
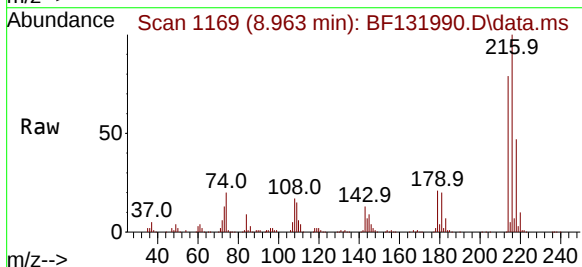
Ion Ratio Lower Upper

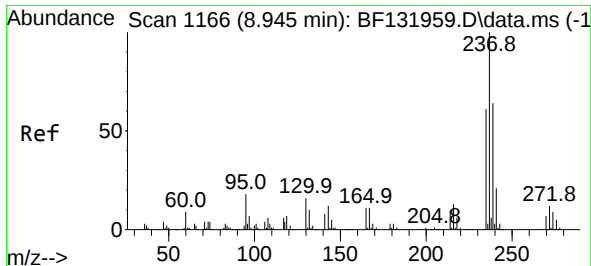
216 100

214 78.3 63.9 95.9

179 20.9 16.4 24.6

108 19.6 14.8 22.2

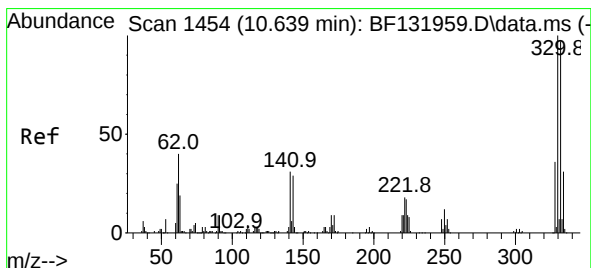
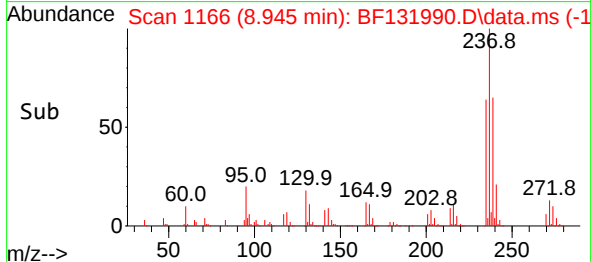
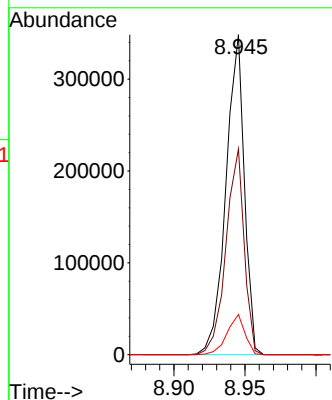
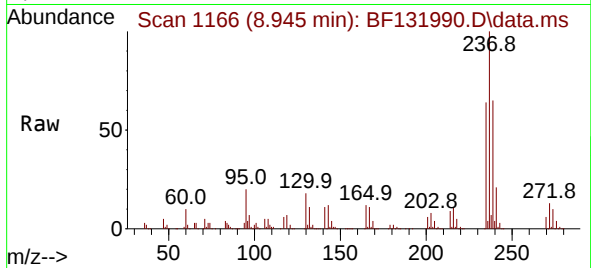




#41
Hexachlorocyclopentadiene
Concen: 66.353 ng
RT: 8.945 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF131990.D
Acq: 10 Jan 2023 10:59

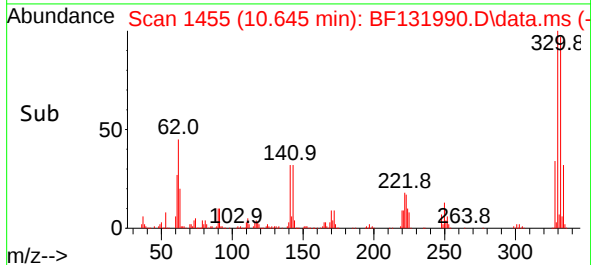
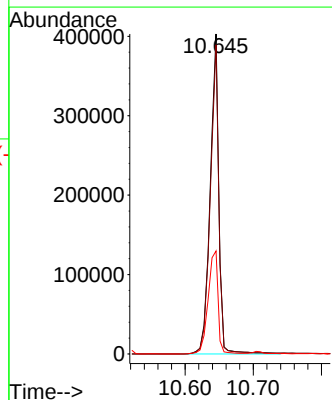
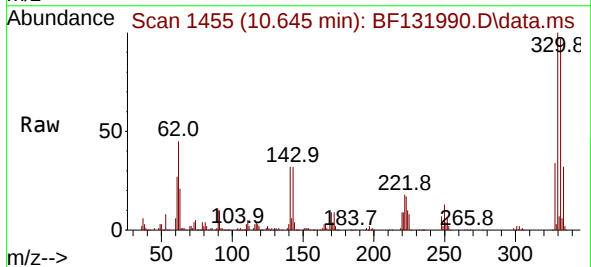
Instrument :
BNA_F
ClientSampleId :
PB150003BS

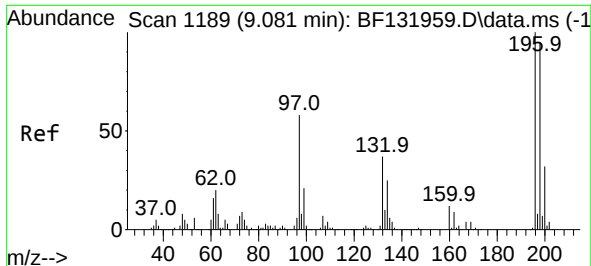
Tgt Ion:237 Resp: 313502
Ion Ratio Lower Upper
237 100
235 64.3 41.2 81.2
272 12.6 0.0 31.7



#42
2,4,6-Tribromophenol
Concen: 111.809 ng
RT: 10.645 min Scan# 1455
Delta R.T. 0.006 min
Lab File: BF131990.D
Acq: 10 Jan 2023 10:59

Tgt Ion:330 Resp: 355032
Ion Ratio Lower Upper
330 100
332 95.6 76.9 115.3
141 37.3 31.3 46.9





#43

2,4,6-Trichlorophenol

Concen: 38.288 ng

RT: 9.081 min Scan# 1189

Delta R.T. -0.000 min

Lab File: BF131990.D

Acq: 10 Jan 2023 10:59

Instrument :

BNA_F

ClientSampleId :

PB150003BS

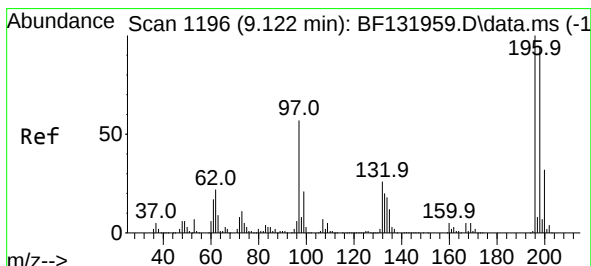
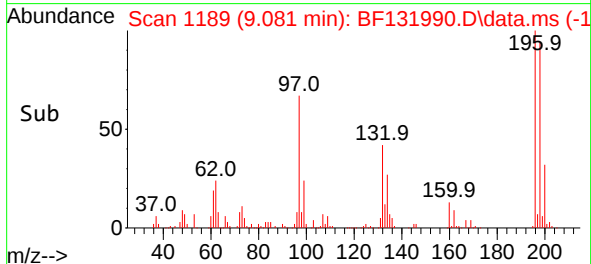
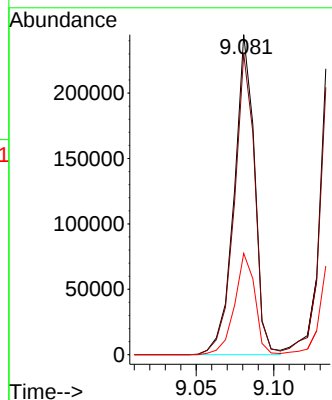
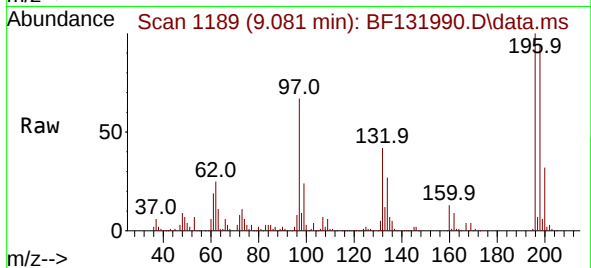
Tgt Ion:196 Resp: 224279

Ion Ratio Lower Upper

196 100

198 94.1 76.3 114.5

200 31.7 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 35.160 ng

RT: 9.139 min Scan# 1199

Delta R.T. 0.018 min

Lab File: BF131990.D

Acq: 10 Jan 2023 10:59

Tgt Ion:196 Resp: 239773

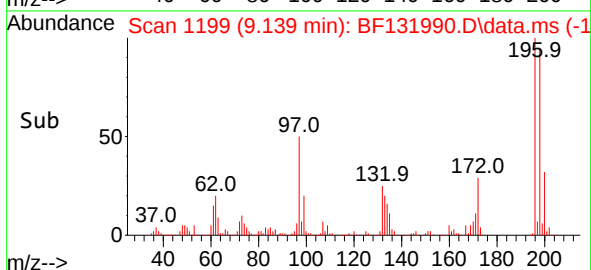
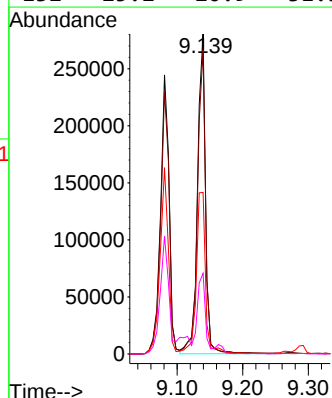
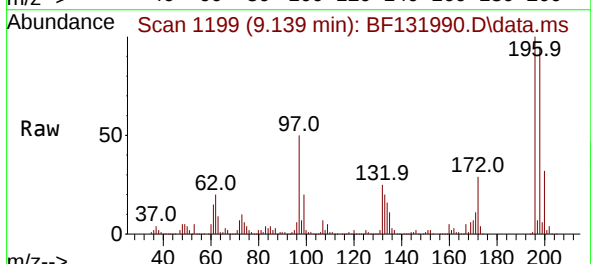
Ion Ratio Lower Upper

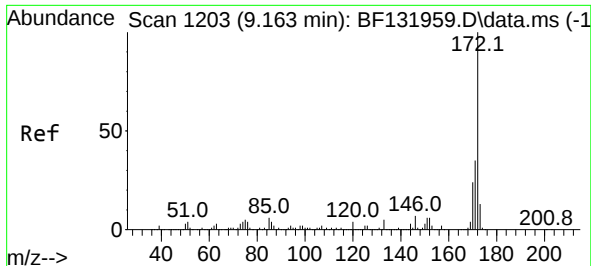
196 100

198 95.0 75.3 112.9

97 50.5 45.6 68.4

132 25.2 20.9 31.3





#45

2-Fluorobiphenyl

Concen: 69.673 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.000 min

Lab File: BF131990.D

Acq: 10 Jan 2023 10:59

Instrument :

BNA_F

ClientSampleId :

PB150003BS

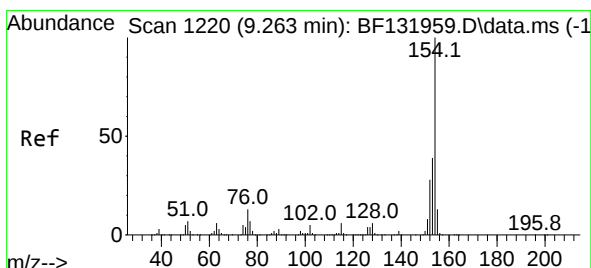
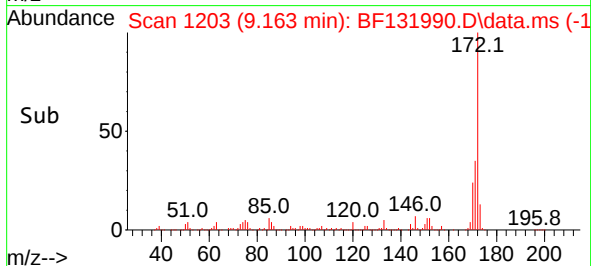
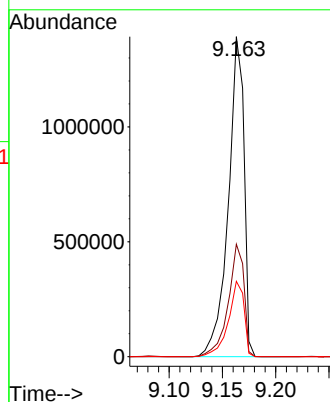
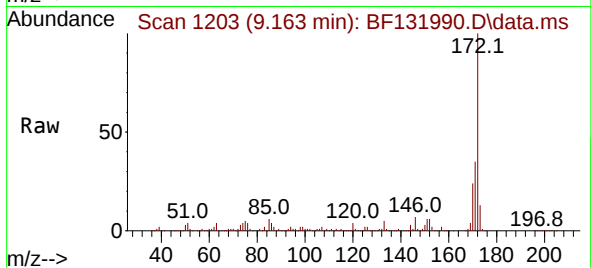
Tgt Ion:172 Resp: 1425333

Ion Ratio Lower Upper

172 100

171 35.2 28.0 42.0

170 23.6 18.9 28.3



#46

1,1'-Biphenyl

Concen: 37.349 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.000 min

Lab File: BF131990.D

Acq: 10 Jan 2023 10:59

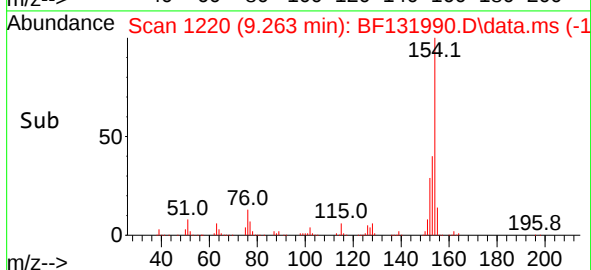
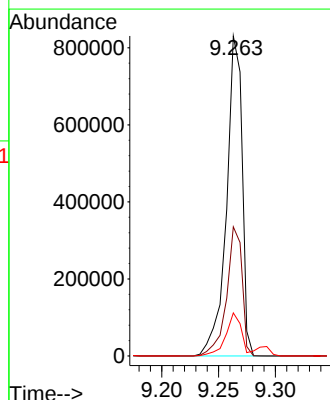
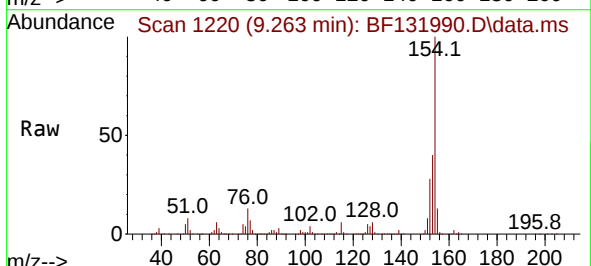
Tgt Ion:154 Resp: 796112

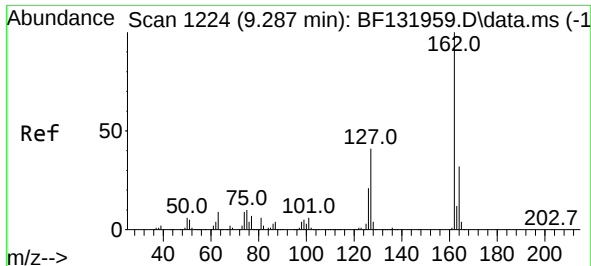
Ion Ratio Lower Upper

154 100

153 40.4 18.9 58.9

76 13.4 0.0 33.2





#47

2-Chloronaphthalene

Concen: 37.588 ng

RT: 9.292 min Scan# 11

Delta R.T. 0.005 min

Lab File: BF131990.D

Acq: 10 Jan 2023 10:59

Instrument :

BNA_F

ClientSampleId :

PB150003BS

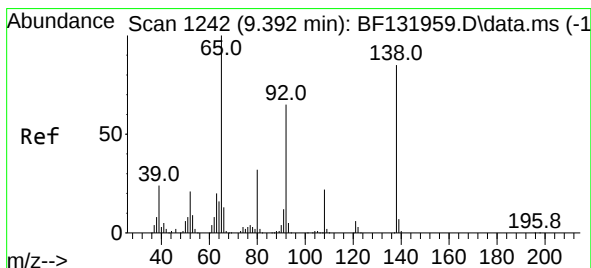
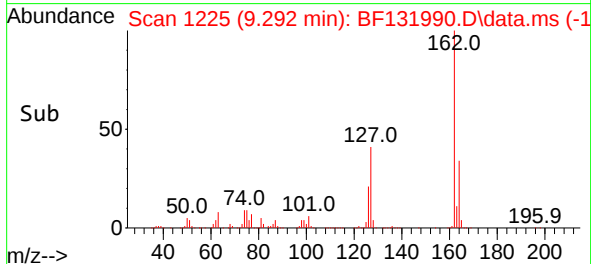
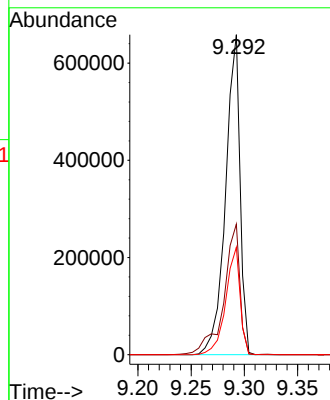
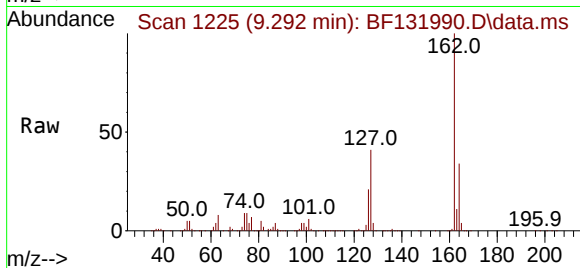
Tgt Ion:162 Resp: 621861

Ion Ratio Lower Upper

162 100

127 40.8 33.0 49.4

164 33.6 25.8 38.8



#48

2-Nitroaniline

Concen: 36.611 ng

RT: 9.398 min Scan# 1243

Delta R.T. 0.006 min

Lab File: BF131990.D

Acq: 10 Jan 2023 10:59

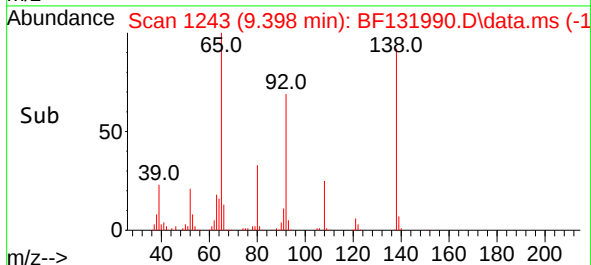
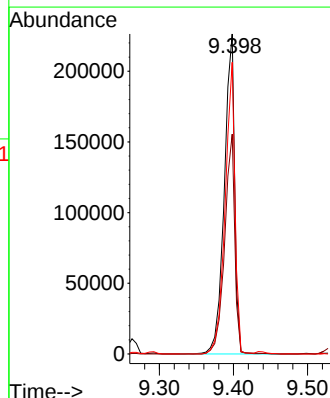
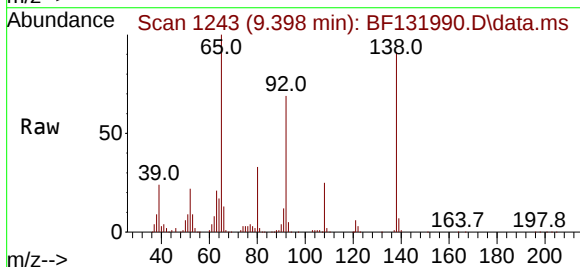
Tgt Ion: 65 Resp: 219997

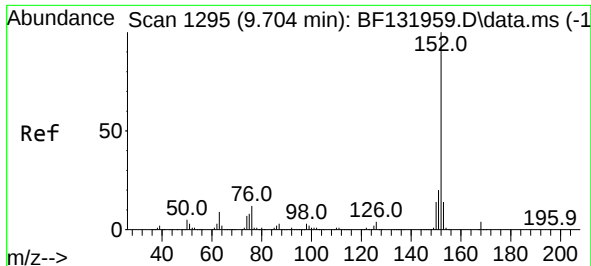
Ion Ratio Lower Upper

65 100

92 68.7 52.2 78.2

138 91.2 67.8 101.8





#49

Acenaphthylene

Concen: 35.921 ng

RT: 9.710 min Scan# 1296

Delta R.T. 0.006 min

Lab File: BF131990.D

Acq: 10 Jan 2023 10:59

Instrument :

BNA_F

ClientSampleId :

PB150003BS

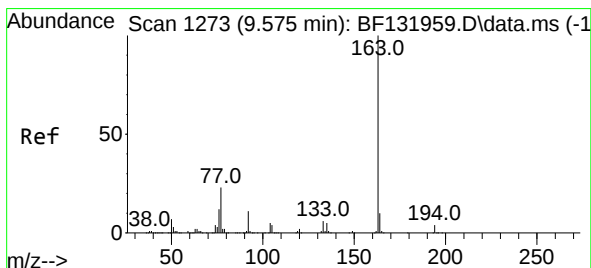
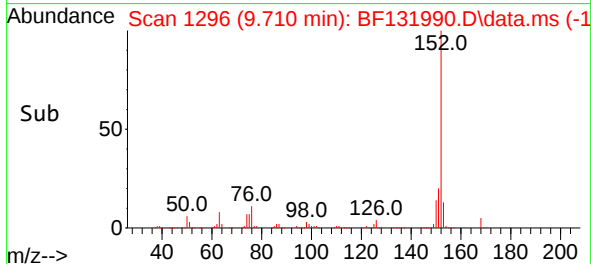
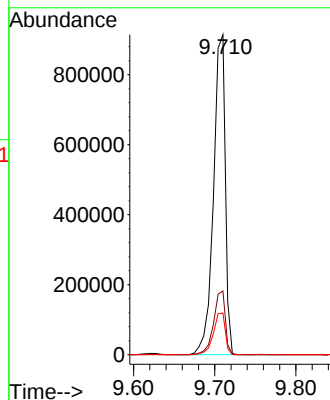
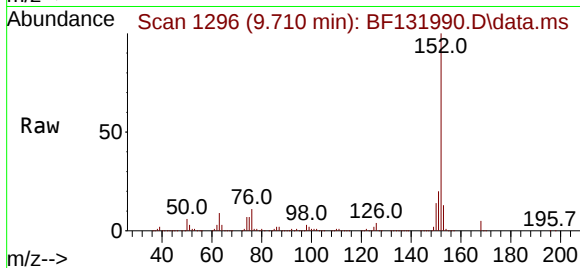
Tgt Ion:152 Resp: 922187

Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.2

153 13.0 10.8 16.2



#50

Dimethylphthalate

Concen: 37.026 ng

RT: 9.575 min Scan# 1273

Delta R.T. -0.000 min

Lab File: BF131990.D

Acq: 10 Jan 2023 10:59

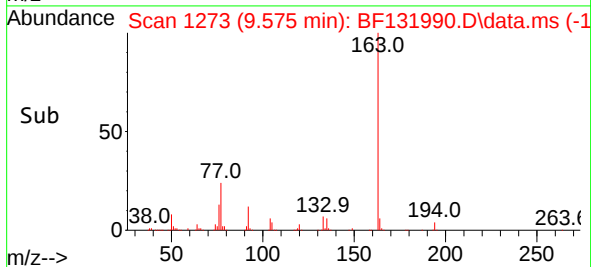
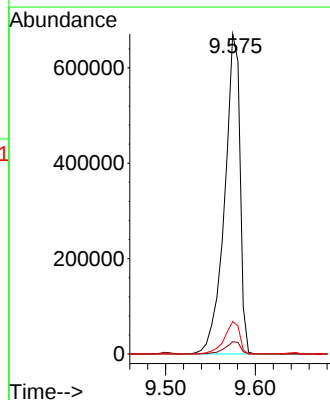
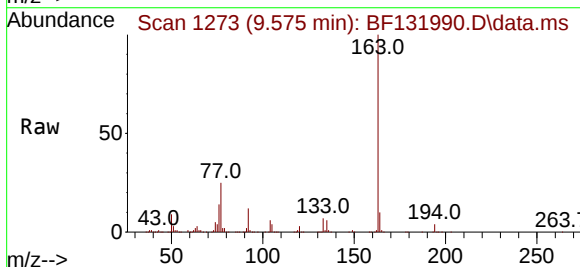
Tgt Ion:163 Resp: 797068

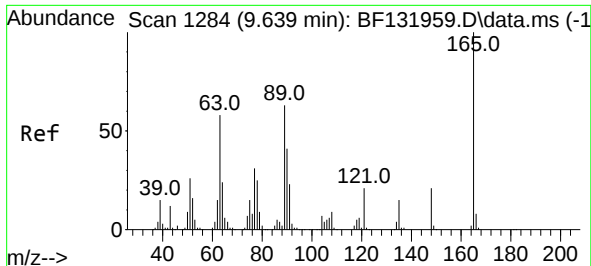
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 10.1 7.8 11.6





#51

2,6-Dinitrotoluene

Concen: 37.375 ng

RT: 9.645 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF131990.D

Acq: 10 Jan 2023 10:59

Instrument :

BNA_F

ClientSampleId :

PB150003BS

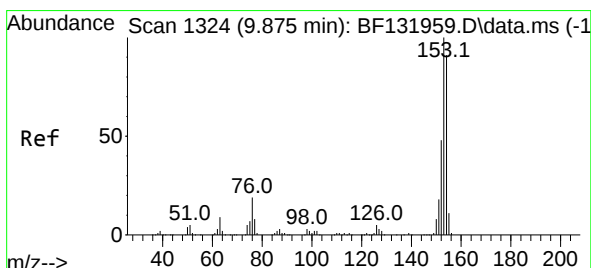
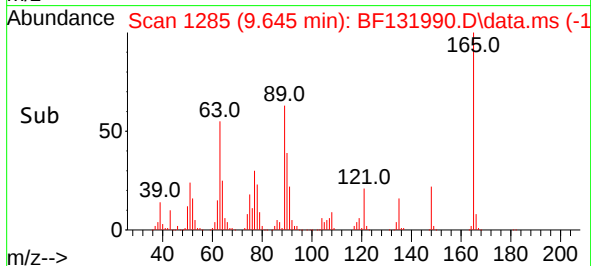
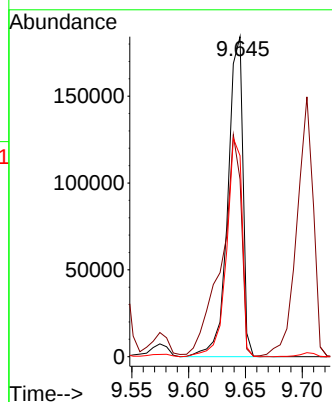
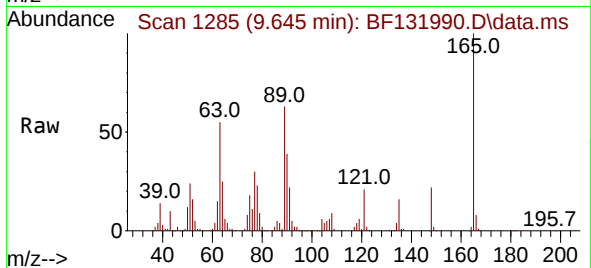
Tgt Ion:165 Resp: 169222

Ion Ratio Lower Upper

165 100

63 55.4 47.4 71.0

89 62.8 50.2 75.2



#52

Acenaphthene

Concen: 36.117 ng

RT: 9.881 min Scan# 1325

Delta R.T. 0.006 min

Lab File: BF131990.D

Acq: 10 Jan 2023 10:59

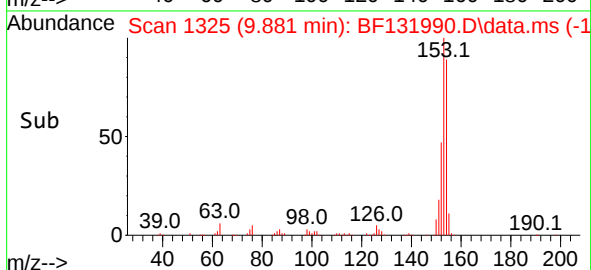
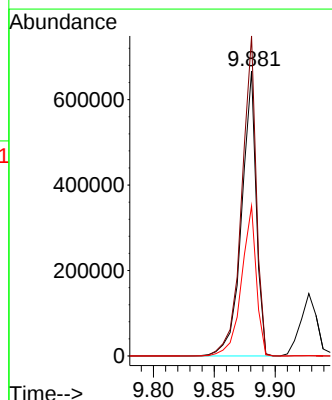
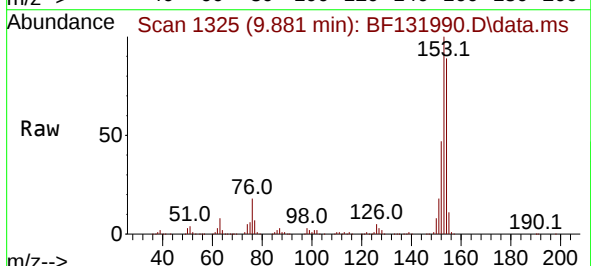
Tgt Ion:154 Resp: 556585

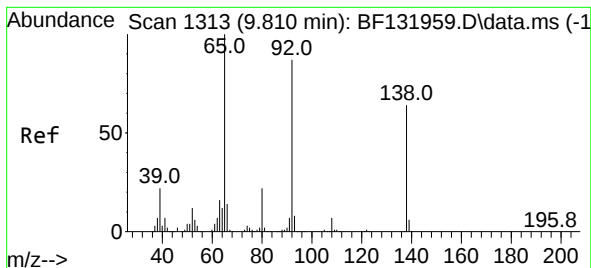
Ion Ratio Lower Upper

154 100

153 112.3 87.7 131.5

152 52.6 42.2 63.2

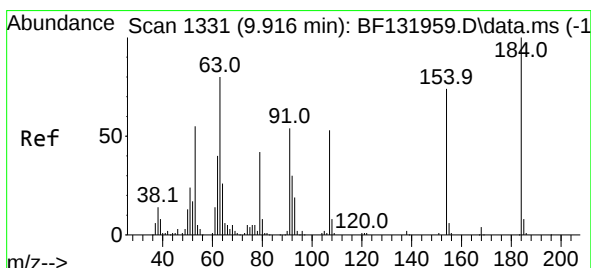
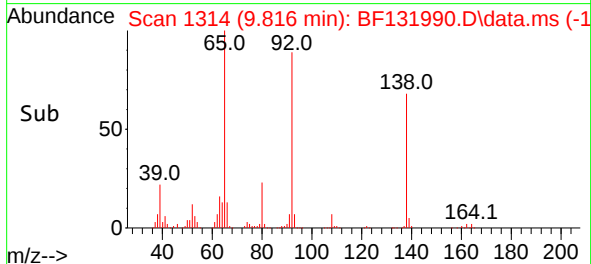
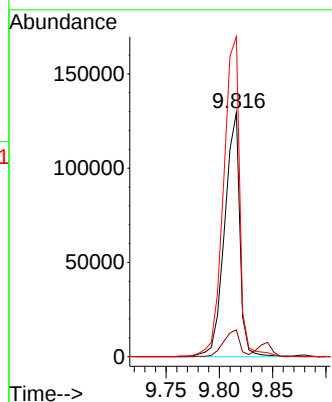
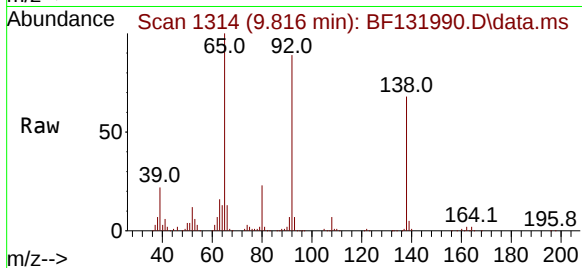




#53
3-Nitroaniline
Concen: 29.075 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF131990.D
Acq: 10 Jan 2023 10:59

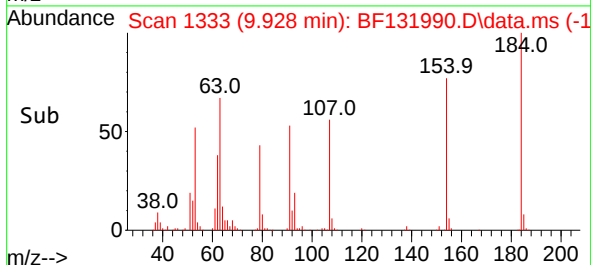
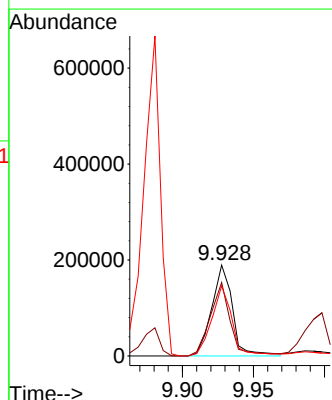
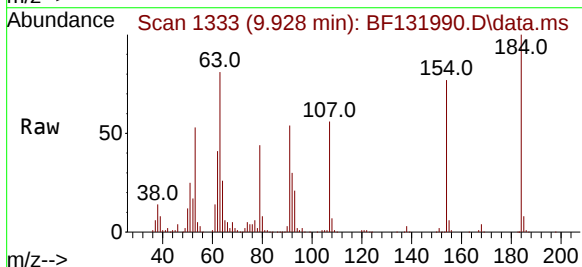
Instrument :
BNA_F
ClientSampleId :
PB150003BS

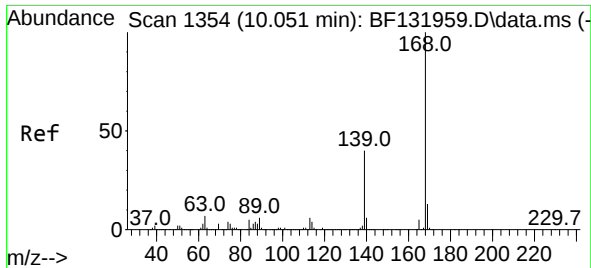
Tgt Ion:138 Resp: 127714
Ion Ratio Lower Upper
138 100
108 10.9 8.8 13.2
92 131.1 108.1 162.1



#54
2,4-Dinitrophenol
Concen: 84.603 ng
RT: 9.928 min Scan# 1333
Delta R.T. 0.012 min
Lab File: BF131990.D
Acq: 10 Jan 2023 10:59

Tgt Ion:184 Resp: 192328
Ion Ratio Lower Upper
184 100
63 80.8 63.7 95.5
154 77.0 60.1 90.1

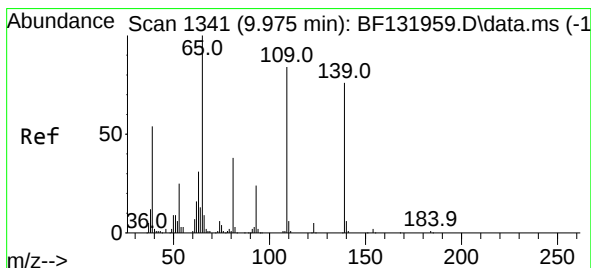
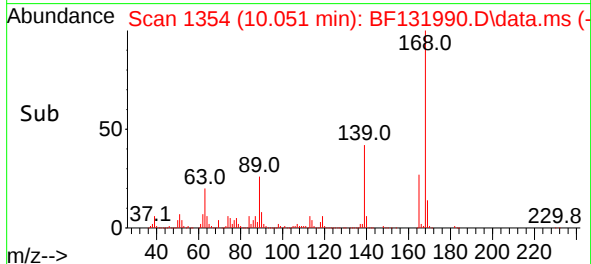
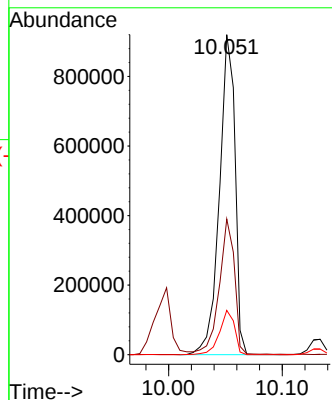
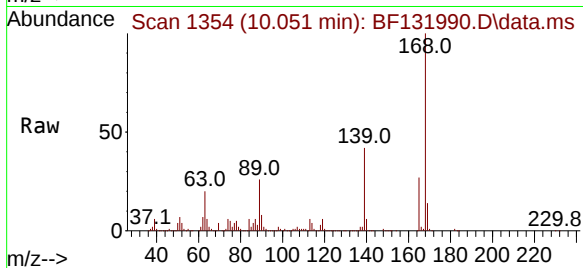




#55
Dibenzofuran
Concen: 36.226 ng
RT: 10.051 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131990.D
Acq: 10 Jan 2023 10:59

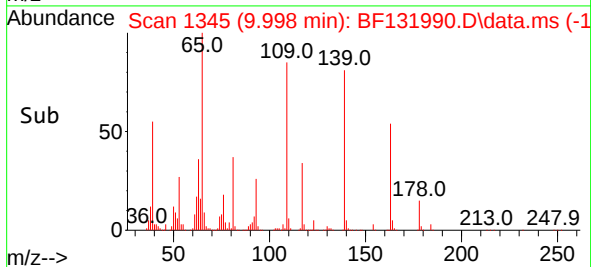
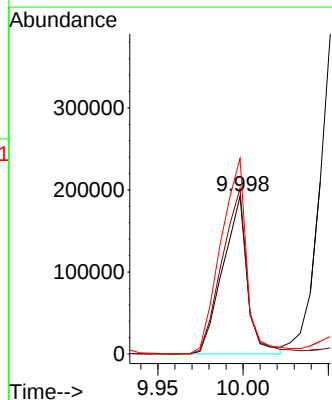
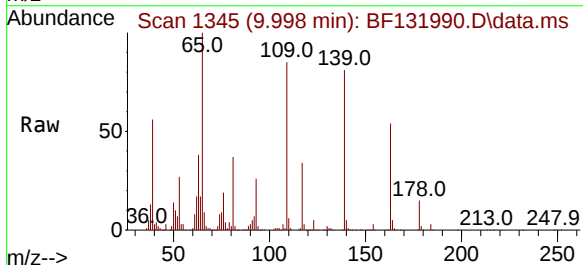
Instrument :
BNA_F
ClientSampleId :
PB150003BS

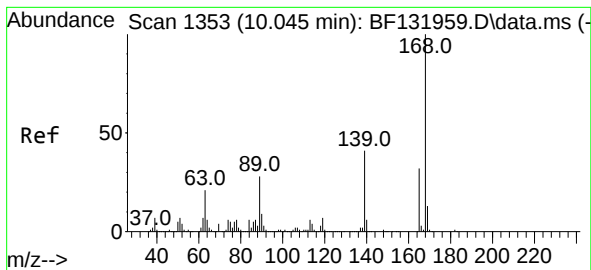
Tgt Ion:168 Resp: 879999
Ion Ratio Lower Upper
168 100
139 42.4 32.4 48.6
169 13.9 10.7 16.1



#56
4-Nitrophenol
Concen: 77.687 ng
RT: 9.998 min Scan# 1345
Delta R.T. 0.024 min
Lab File: BF131990.D
Acq: 10 Jan 2023 10:59

Tgt Ion:139 Resp: 192213
Ion Ratio Lower Upper
139 100
109 105.0 90.5 130.5
65 124.0 112.6 152.6

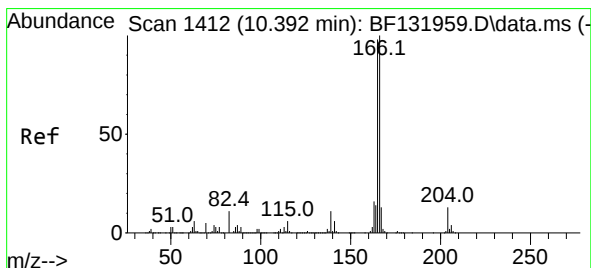
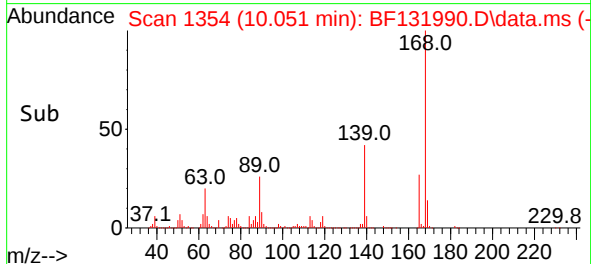
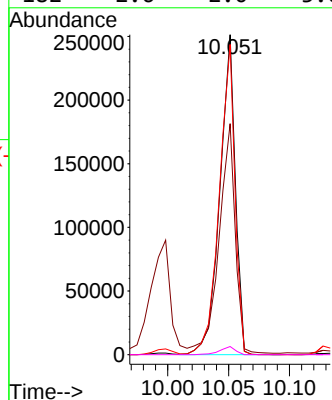
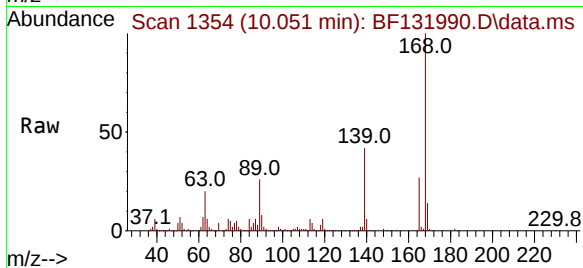




#57
2,4-Dinitrotoluene
Concen: 36.787 ng
RT: 10.051 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF131990.D
Acq: 10 Jan 2023 10:59

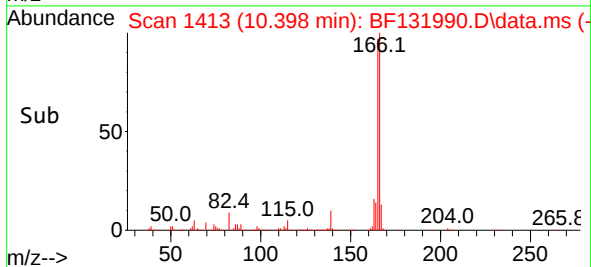
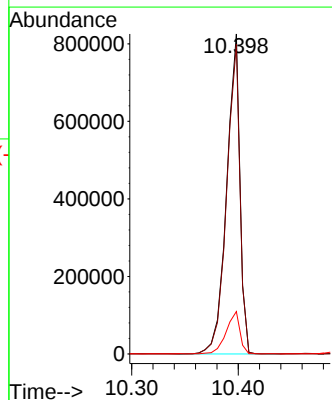
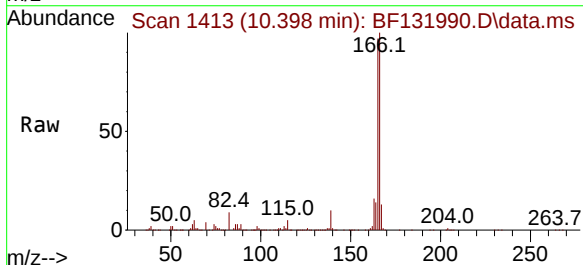
Instrument :
BNA_F
ClientSampleId :
PB150003BS

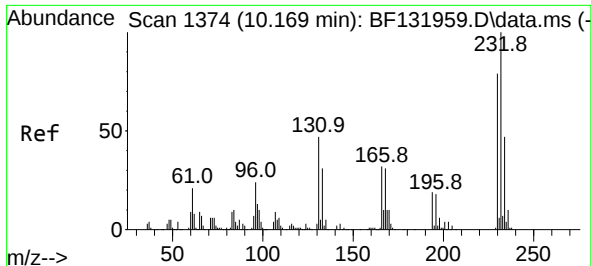
Tgt Ion:165 Resp: 222683
Ion Ratio Lower Upper
165 100
63 72.2 53.2 79.8
89 97.0 71.2 106.8
182 2.6 2.0 3.0



#58
Fluorene
Concen: 36.580 ng
RT: 10.398 min Scan# 1413
Delta R.T. 0.006 min
Lab File: BF131990.D
Acq: 10 Jan 2023 10:59

Tgt Ion:166 Resp: 709825
Ion Ratio Lower Upper
166 100
165 96.7 78.3 117.5
167 13.3 10.7 16.1

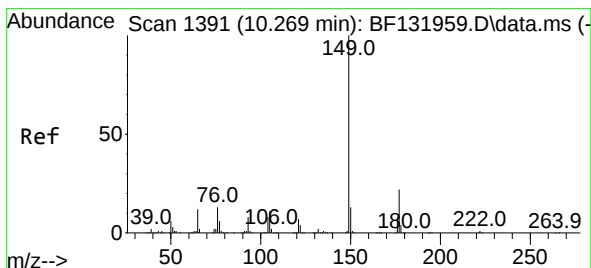
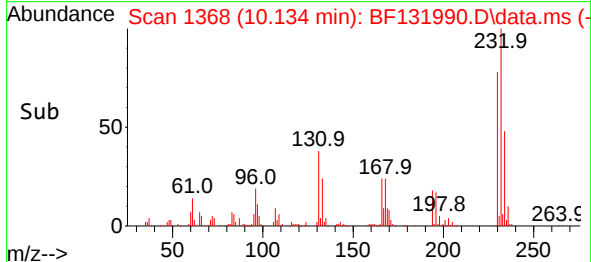
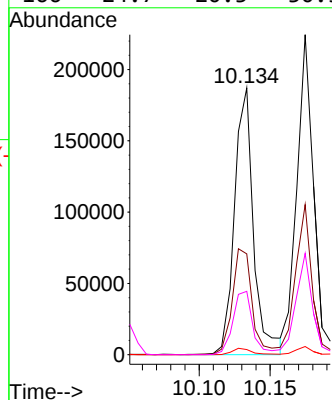
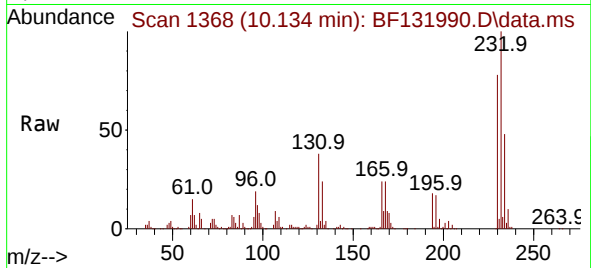




#59
2,3,4,6-Tetrachlorophenol
Concen: 34.440 ng
RT: 10.134 min Scan# 1368
Delta R.T. -0.035 min
Lab File: BF131990.D
Acq: 10 Jan 2023 10:59

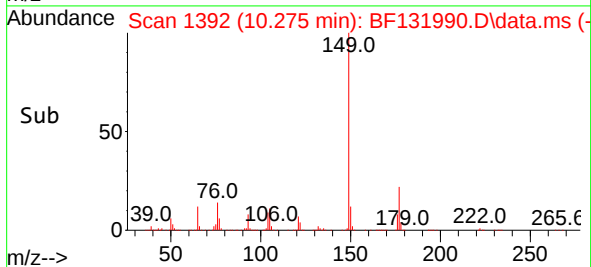
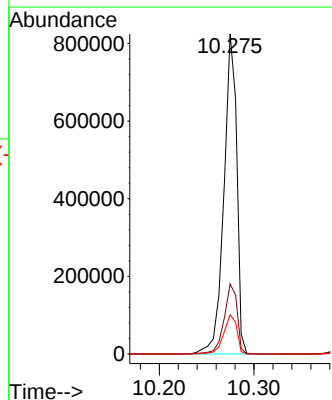
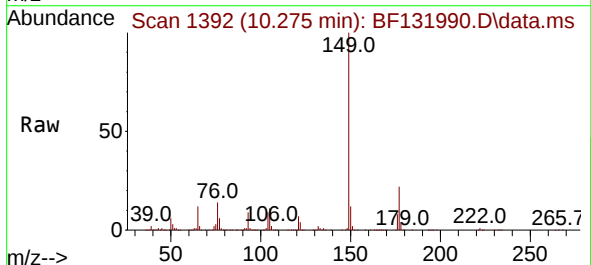
Instrument :
BNA_F
ClientSampleId :
PB150003BS

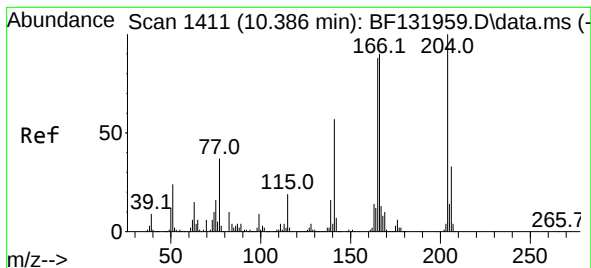
Tgt Ion:232 Resp: 175001
Ion Ratio Lower Upper
232 100
131 41.2 33.0 49.4
130 2.5 1.8 2.8
166 24.7 20.3 30.5



#60
Diethylphthalate
Concen: 36.839 ng
RT: 10.275 min Scan# 1392
Delta R.T. 0.006 min
Lab File: BF131990.D
Acq: 10 Jan 2023 10:59

Tgt Ion:149 Resp: 779807
Ion Ratio Lower Upper
149 100
177 21.9 17.7 26.5
150 12.3 10.2 15.2

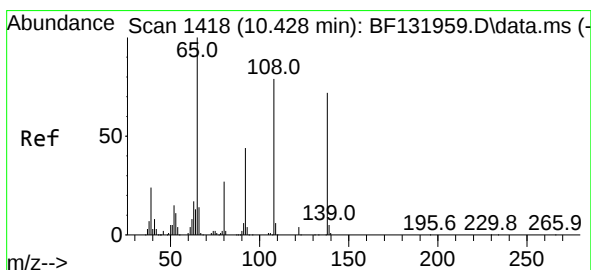
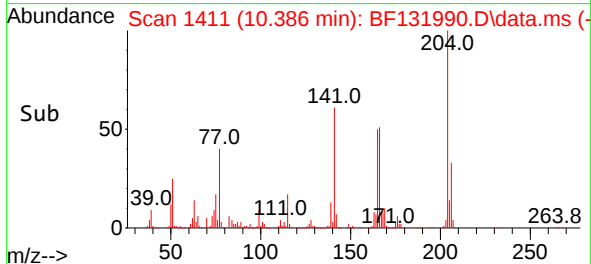
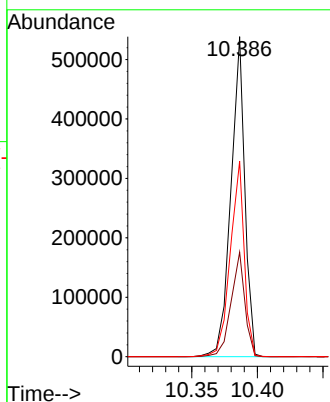
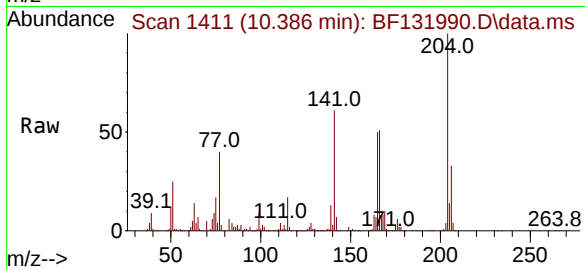




#61
4-Chlorophenyl-phenylether
Concen: 35.839 ng
RT: 10.386 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF131990.D
Acq: 10 Jan 2023 10:59

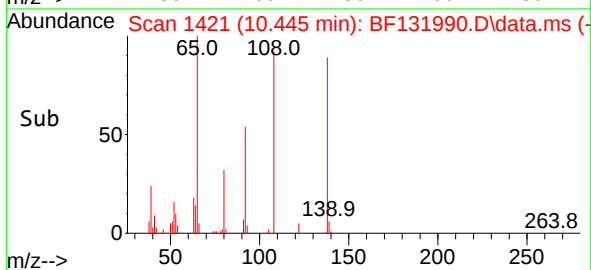
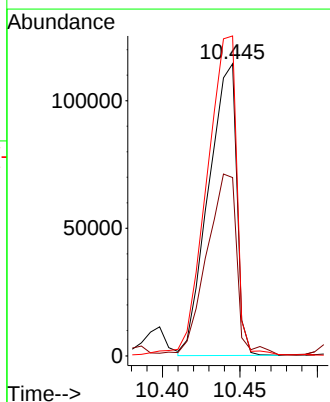
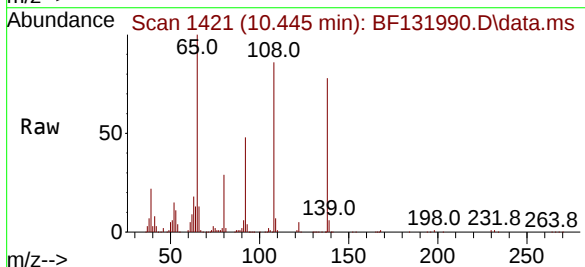
Instrument :
BNA_F
ClientSampleId :
PB150003BS

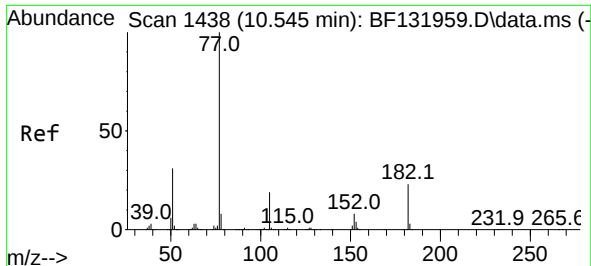
Tgt Ion:204 Resp: 398122
Ion Ratio Lower Upper
204 100
206 32.6 26.3 39.5
141 61.1 45.6 68.4



#62
4-Nitroaniline
Concen: 36.634 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.017 min
Lab File: BF131990.D
Acq: 10 Jan 2023 10:59

Tgt Ion:138 Resp: 144696
Ion Ratio Lower Upper
138 100
92 61.0 41.3 81.3
108 109.5 89.8 129.8

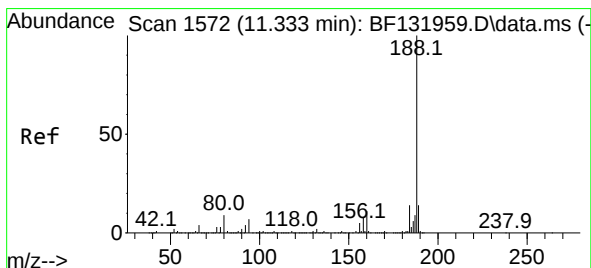
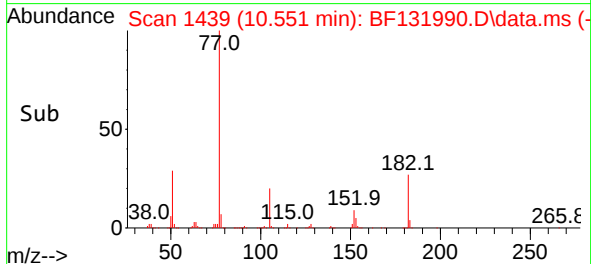
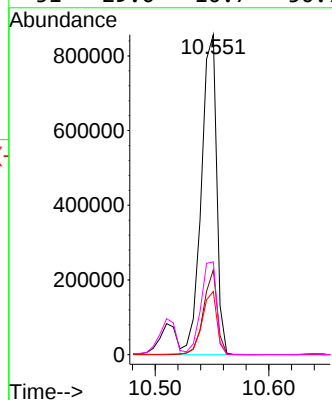
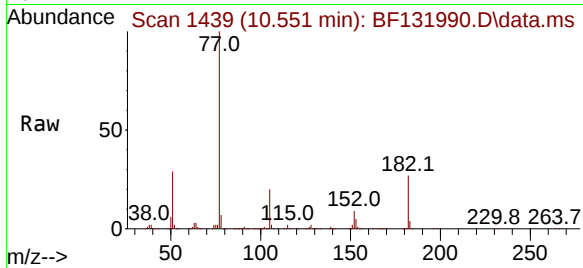




#63
Azobenzene
Concen: 35.638 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.006 min
Lab File: BF131990.D
Acq: 10 Jan 2023 10:59

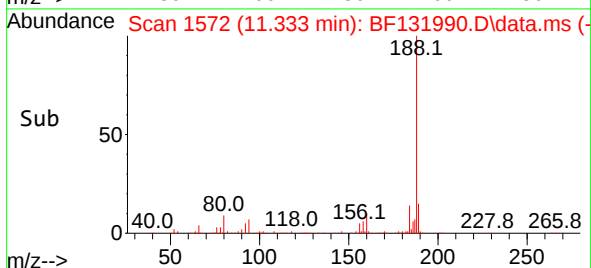
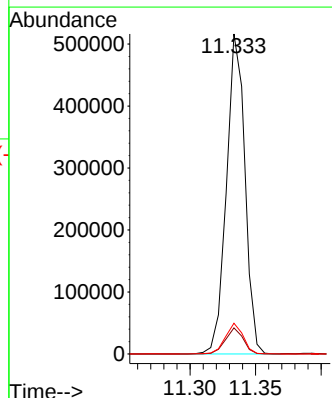
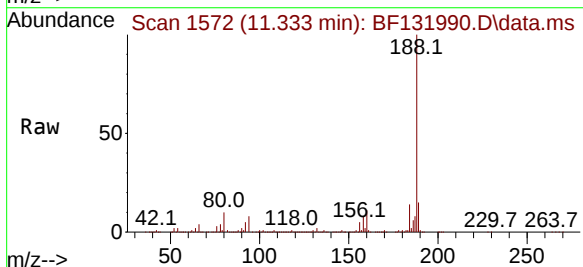
Instrument :
BNA_F
ClientSampleId :
PB150003BS

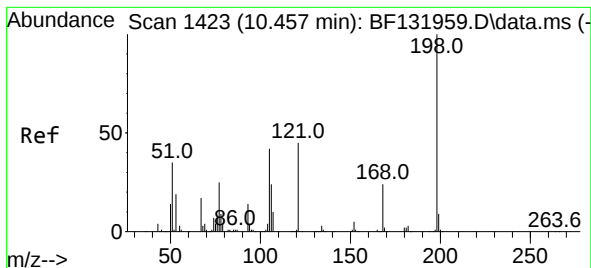
Tgt Ion: 77	Resp: 800249
Ion Ratio	Lower Upper
77 100	
182 26.5	2.9 42.9
105 19.8	0.0 39.3
51 29.0	10.7 50.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.000 min
Lab File: BF131990.D
Acq: 10 Jan 2023 10:59

Tgt Ion:188	Resp: 505018
Ion Ratio	Lower Upper
188 100	
94 8.2	5.8 8.6
80 9.6	7.4 11.0

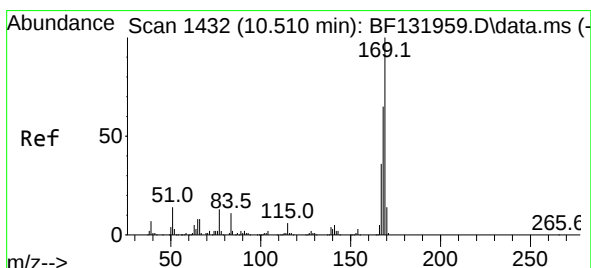
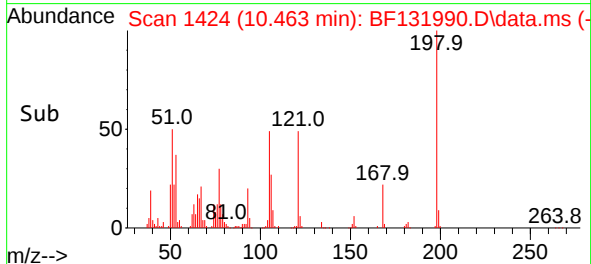
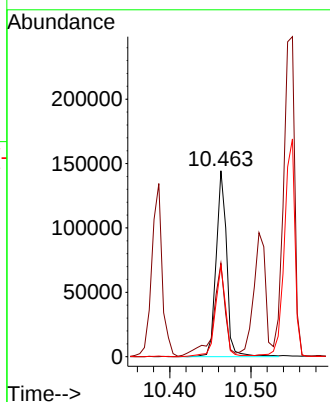
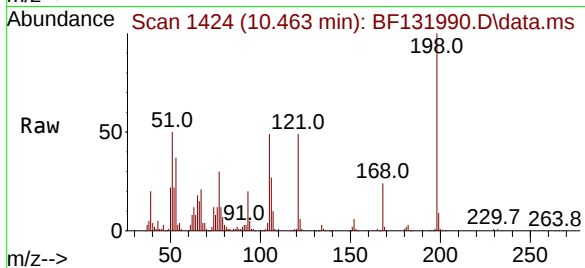




#65
4,6-Dinitro-2-methylphenol
Concen: 39.895 ng
RT: 10.463 min Scan# 1424
Delta R.T. 0.006 min
Lab File: BF131990.D
Acq: 10 Jan 2023 10:59

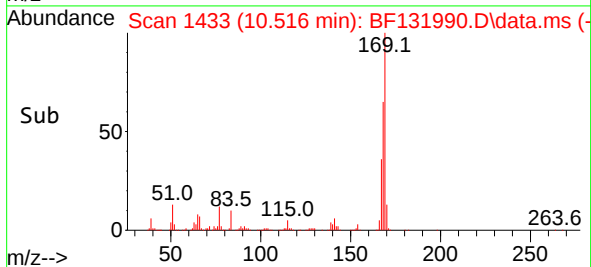
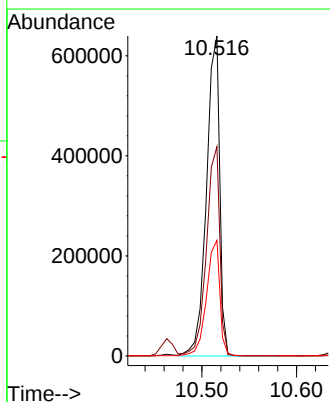
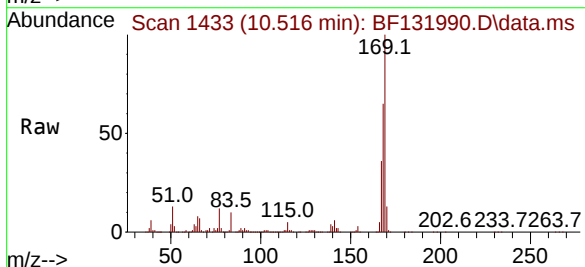
Instrument :
BNA_F
ClientSampleId :
PB150003BS

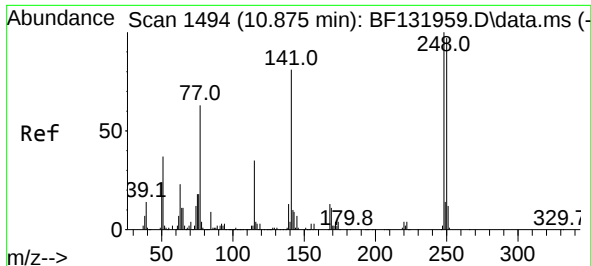
Tgt Ion:198 Resp: 129928
Ion Ratio Lower Upper
198 100
51 50.2 21.4 61.4
105 49.1 23.0 63.0



#66
n-Nitrosodiphenylamine
Concen: 38.961 ng
RT: 10.516 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF131990.D
Acq: 10 Jan 2023 10:59

Tgt Ion:169 Resp: 617297
Ion Ratio Lower Upper
169 100
168 65.4 52.5 78.7
167 36.1 28.6 43.0

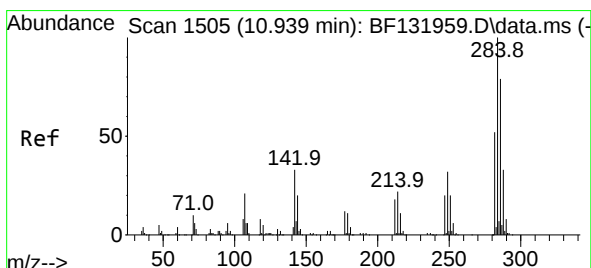
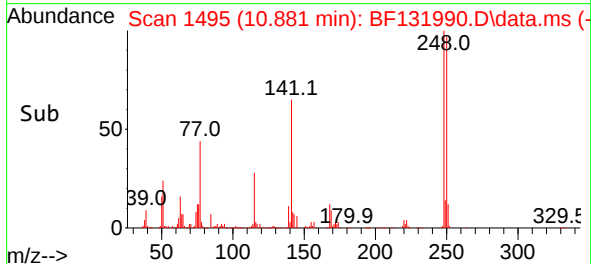
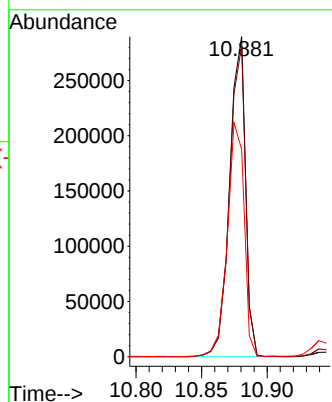
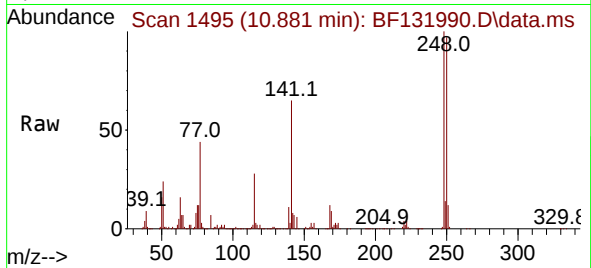




#67
4-Bromophenyl-phenylether
Concen: 38.658 ng
RT: 10.881 min Scan# 1495
Delta R.T. 0.006 min
Lab File: BF131990.D
Acq: 10 Jan 2023 10:59

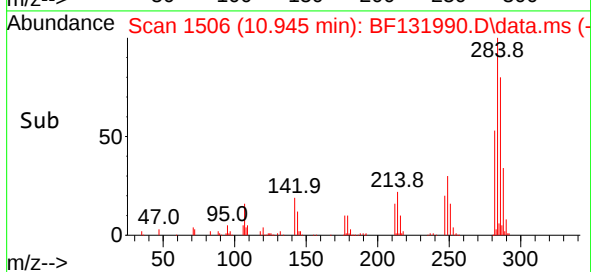
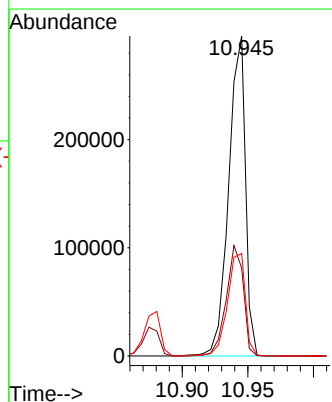
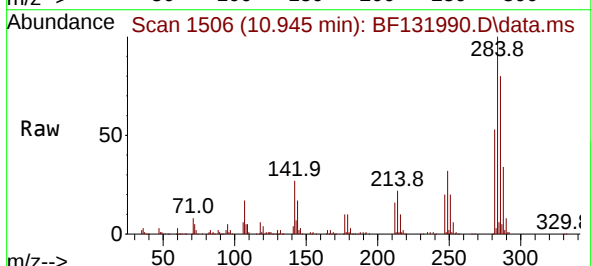
Instrument :
BNA_F
ClientSampleId :
PB150003BS

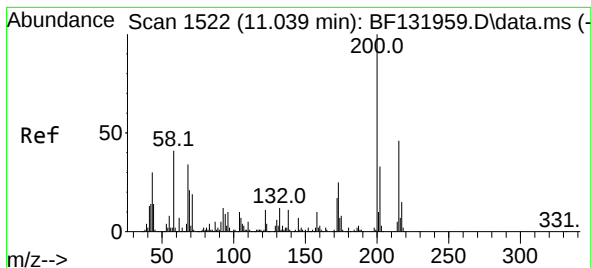
Tgt Ion:248 Resp: 244226
Ion Ratio Lower Upper
248 100
250 97.1 77.4 116.2
141 64.7 65.0 97.6#



#68
Hexachlorobenzene
Concen: 41.084 ng
RT: 10.945 min Scan# 1506
Delta R.T. 0.006 min
Lab File: BF131990.D
Acq: 10 Jan 2023 10:59

Tgt Ion:284 Resp: 262560
Ion Ratio Lower Upper
284 100
142 27.5 26.4 39.6
249 32.0 25.4 38.2





#69

Atrazine

Concen: 43.588 ng

RT: 11.045 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF131990.D

Acq: 10 Jan 2023 10:59

Instrument :

BNA_F

ClientSampleId :

PB150003BS

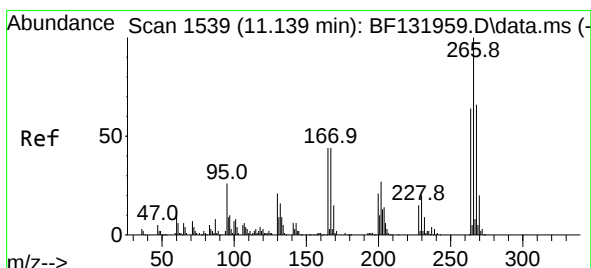
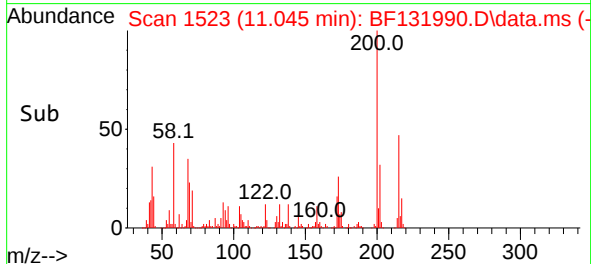
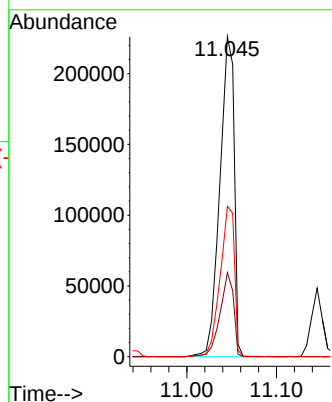
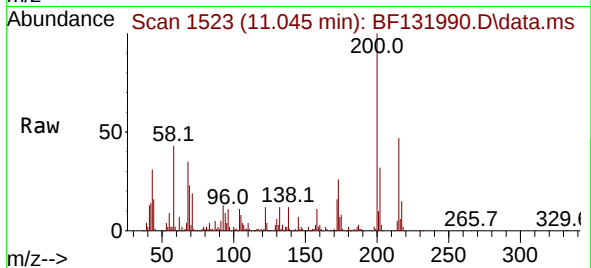
Tgt Ion:200 Resp: 251143

Ion Ratio Lower Upper

200 100

173 26.2 5.1 45.1

215 47.0 25.6 65.6



#70

Pentachlorophenol

Concen: 68.728 ng

RT: 11.145 min Scan# 1540

Delta R.T. 0.006 min

Lab File: BF131990.D

Acq: 10 Jan 2023 10:59

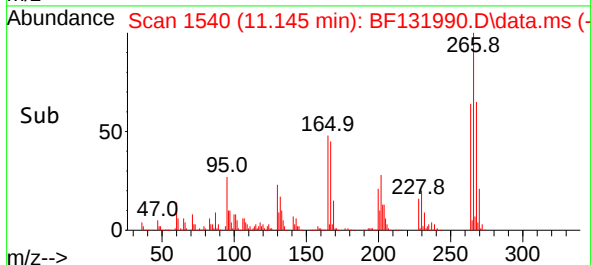
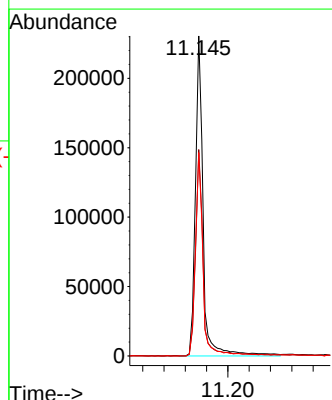
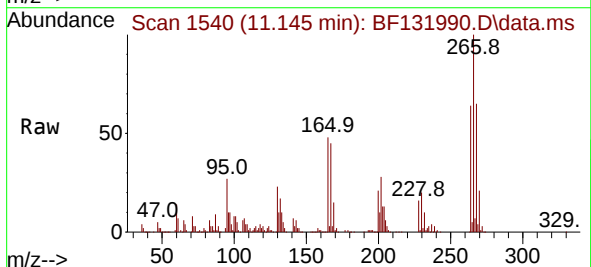
Tgt Ion:266 Resp: 232018

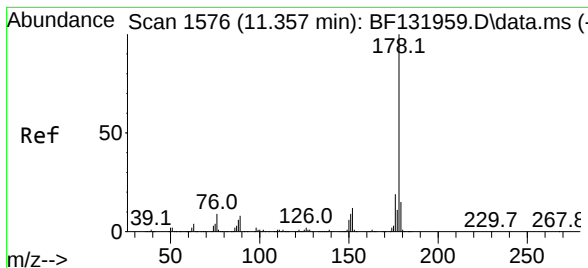
Ion Ratio Lower Upper

266 100

268 64.5 52.7 79.1

264 63.5 51.6 77.4





#71

Phenanthrene

Concen: 38.350 ng

RT: 11.363 min Scan# 1577

Delta R.T. 0.006 min

Lab File: BF131990.D

Acq: 10 Jan 2023 10:59

Instrument :

BNA_F

ClientSampleId :

PB150003BS

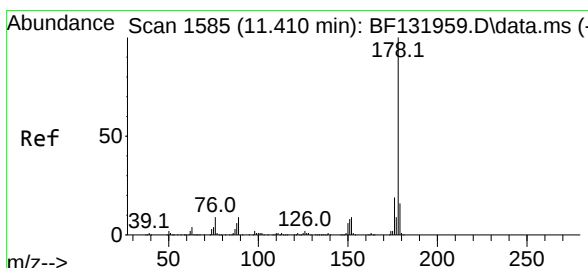
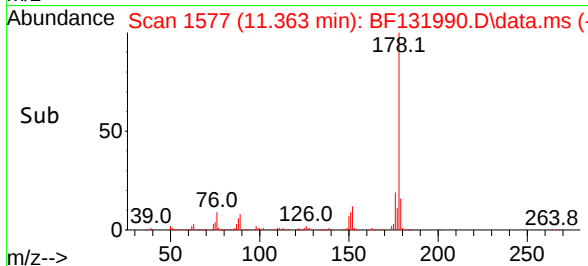
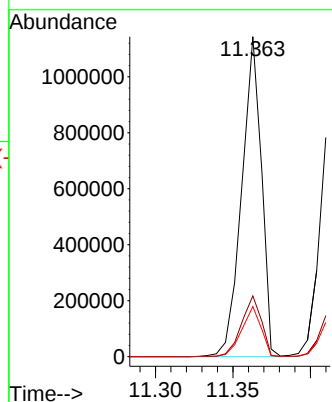
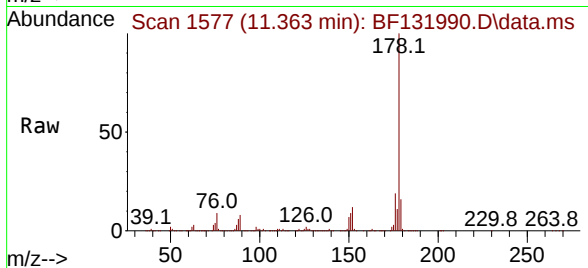
Tgt Ion:178 Resp: 1009641

Ion Ratio Lower Upper

178 100

176 19.0 15.5 23.3

179 15.7 12.4 18.6



#72

Anthracene

Concen: 37.872 ng

RT: 11.416 min Scan# 1586

Delta R.T. 0.006 min

Lab File: BF131990.D

Acq: 10 Jan 2023 10:59

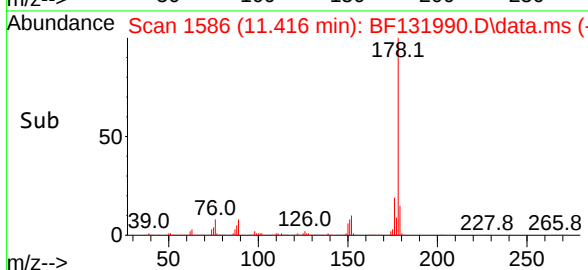
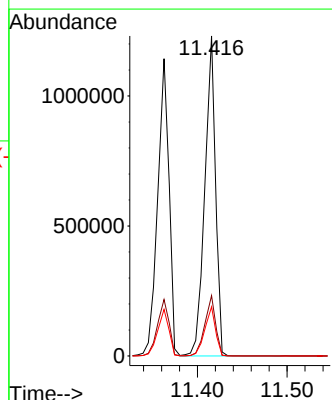
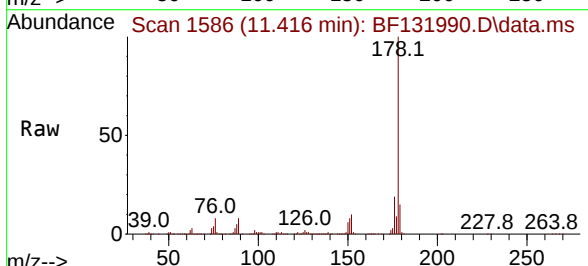
Tgt Ion:178 Resp: 1026432

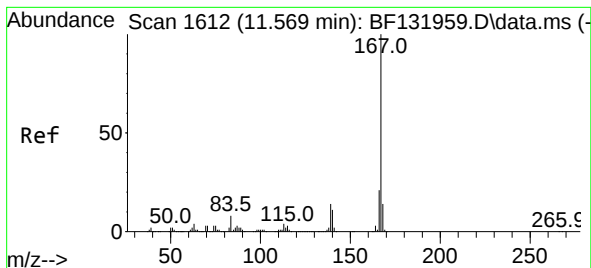
Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

179 15.4 12.6 19.0





#73

Carbazole

Concen: 39.123 ng

RT: 11.575 min Scan# 1613

Delta R.T. 0.006 min

Lab File: BF131990.D

Acq: 10 Jan 2023 10:59

Instrument :

BNA_F

ClientSampleId :

PB150003BS

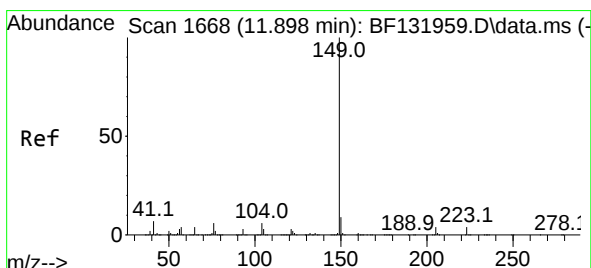
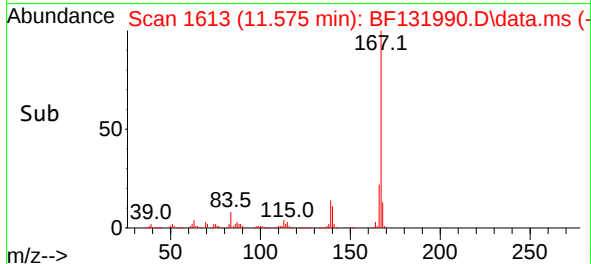
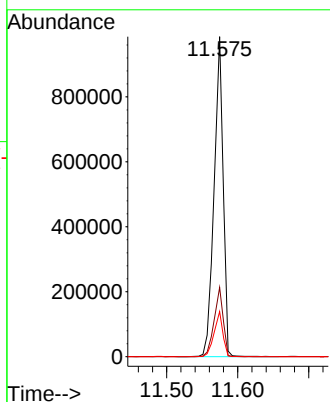
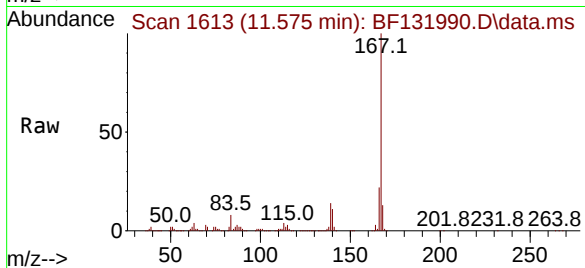
Tgt Ion:167 Resp: 877835

Ion Ratio Lower Upper

167 100

166 21.6 16.8 25.2

139 14.1 11.1 16.7



#74

Di-n-butylphthalate

Concen: 38.667 ng

RT: 11.898 min Scan# 1668

Delta R.T. -0.000 min

Lab File: BF131990.D

Acq: 10 Jan 2023 10:59

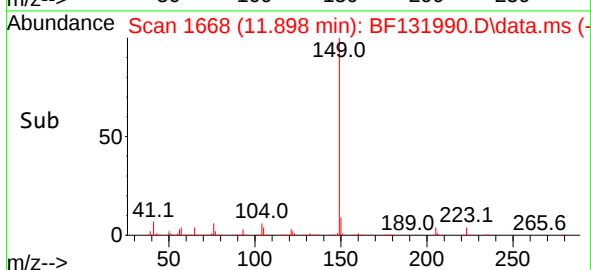
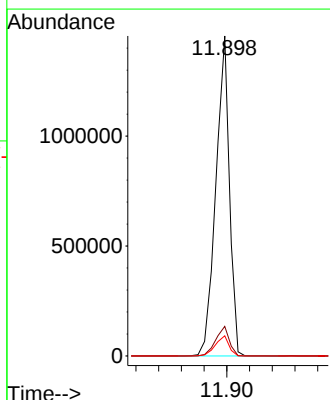
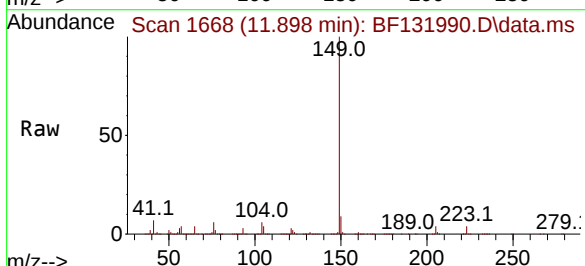
Tgt Ion:149 Resp: 1208064

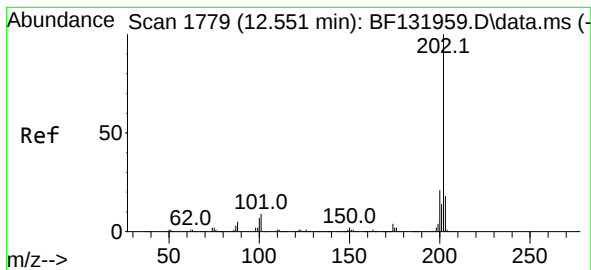
Ion Ratio Lower Upper

149 100

150 9.2 7.3 10.9

104 6.3 5.0 7.6





#75

Fluoranthene

Concen: 37.844 ng

RT: 12.557 min Scan# 1780

Delta R.T. 0.006 min

Lab File: BF131990.D

Acq: 10 Jan 2023 10:59

Instrument :

BNA_F

ClientSampleId :

PB150003BS

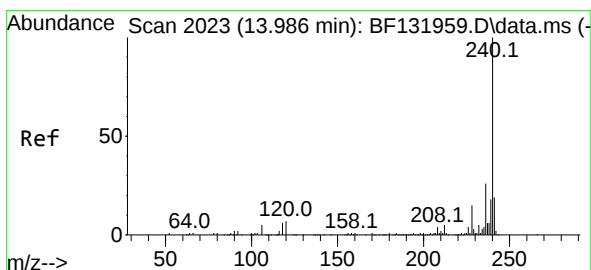
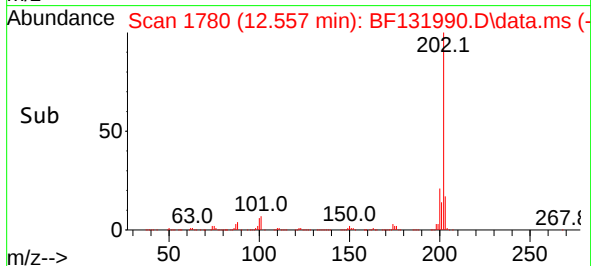
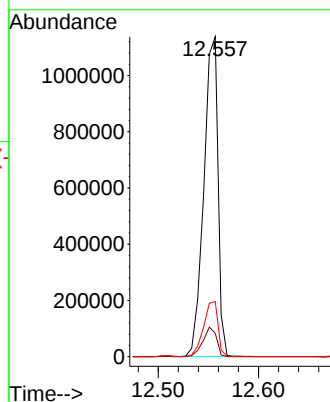
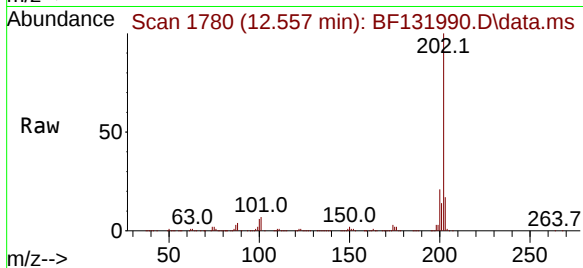
Tgt Ion:202 Resp: 1120506

Ion Ratio Lower Upper

202 100

101 7.3 0.0 28.8

203 17.3 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 2023

Delta R.T. -0.000 min

Lab File: BF131990.D

Acq: 10 Jan 2023 10:59

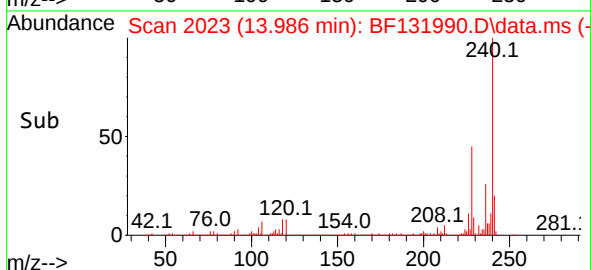
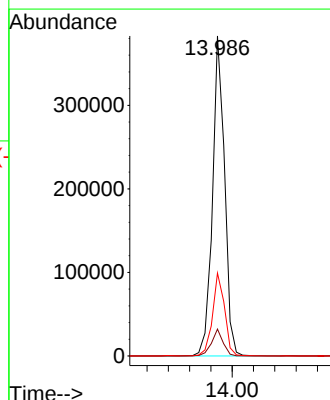
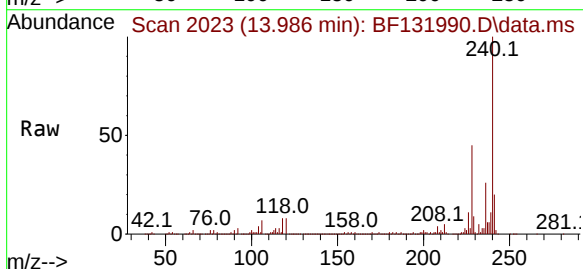
Tgt Ion:240 Resp: 301249

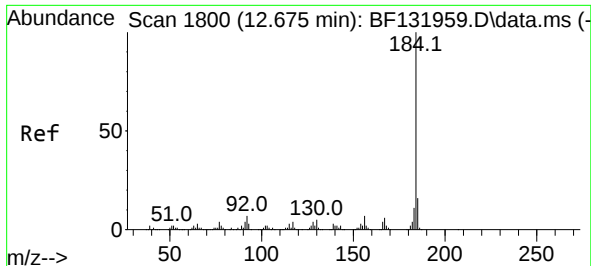
Ion Ratio Lower Upper

240 100

120 8.4 5.4 8.0#

236 25.9 21.1 31.7

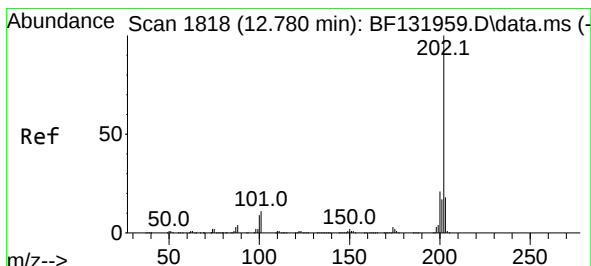
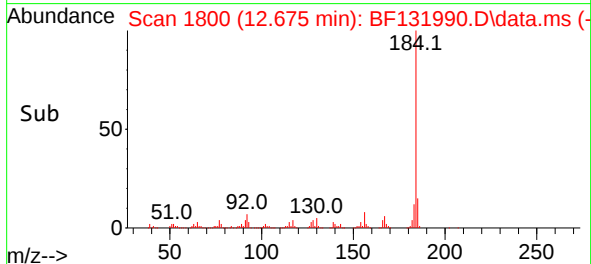
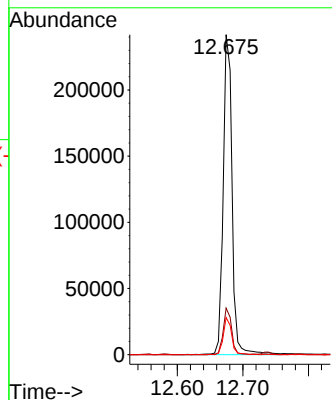
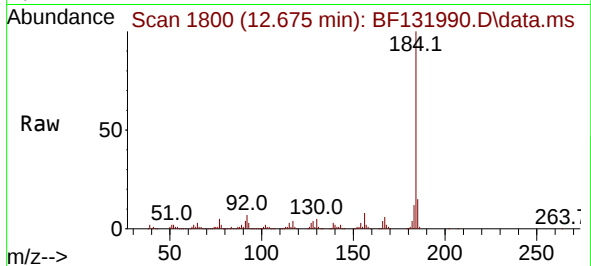




#77
Benzidine
Concen: 22.496 ng
RT: 12.675 min Scan# 1800
Delta R.T. -0.001 min
Lab File: BF131990.D
Acq: 10 Jan 2023 10:59

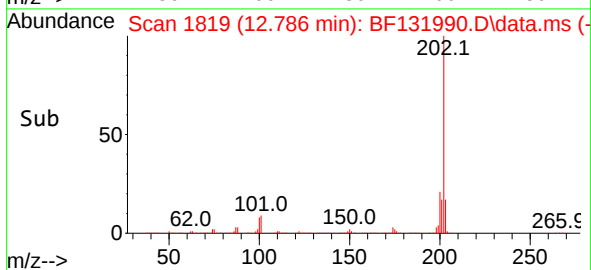
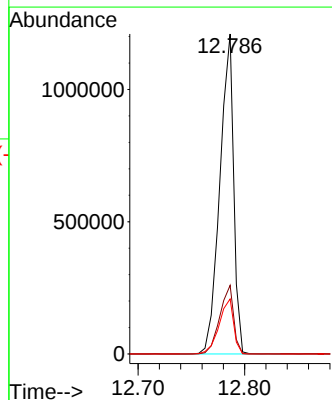
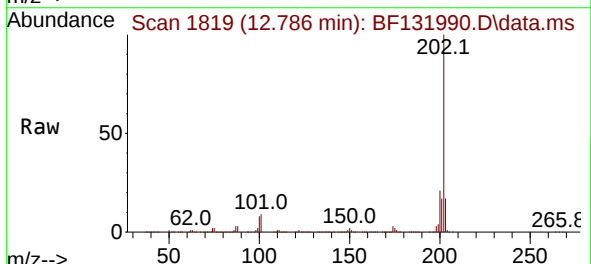
Instrument :
BNA_F
ClientSampleId :
PB150003BS

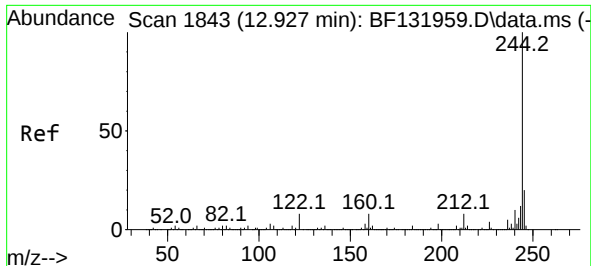
Tgt Ion:184 Resp: 225142
Ion Ratio Lower Upper
184 100
185 14.6 12.8 19.2
183 11.6 9.0 13.4



#78
Pyrene
Concen: 39.482 ng
RT: 12.786 min Scan# 1819
Delta R.T. 0.006 min
Lab File: BF131990.D
Acq: 10 Jan 2023 10:59

Tgt Ion:202 Resp: 1084788
Ion Ratio Lower Upper
202 100
200 21.5 17.0 25.6
203 17.2 14.1 21.1

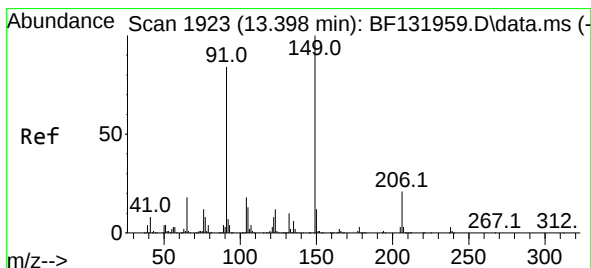
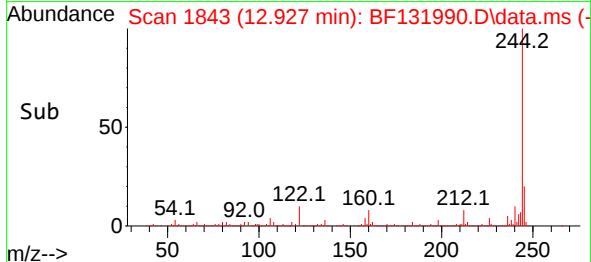
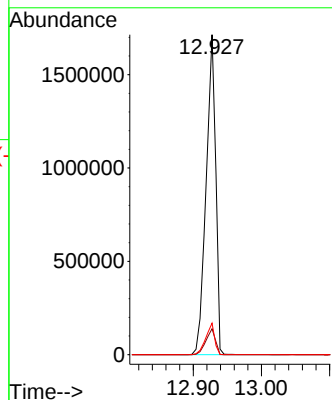
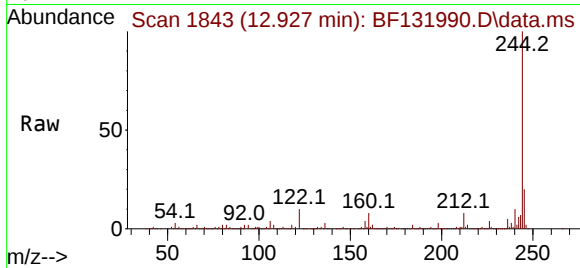




#79
 Terphenyl-d14
 Concen: 79.895 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. -0.000 min
 Lab File: BF131990.D
 Acq: 10 Jan 2023 10:59

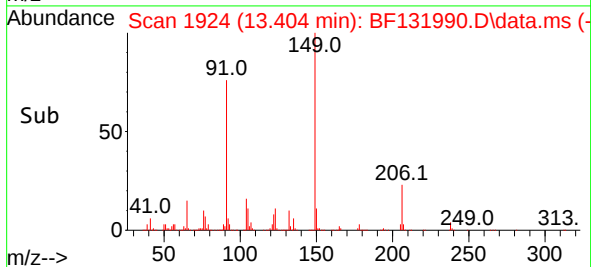
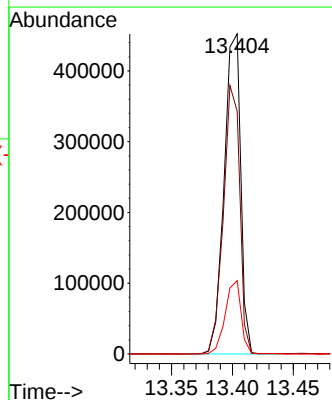
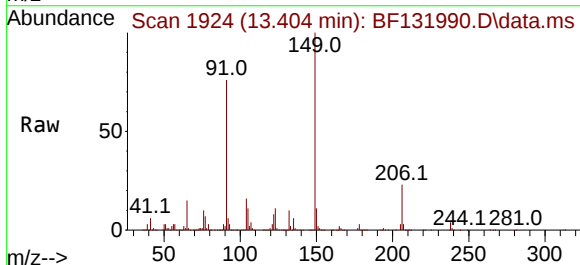
Instrument :
 BNA_F
 ClientSampleId :
 PB150003BS

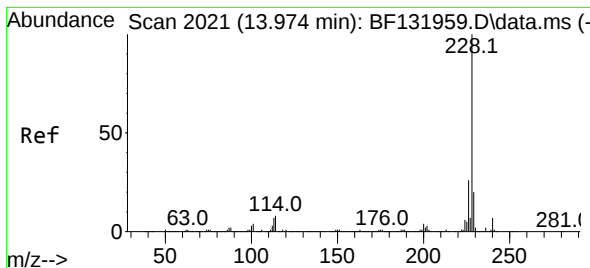
Tgt Ion:244 Resp: 1679251
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.3 9.5
 122 9.8 6.8 10.2



#80
 Butylbenzylphthalate
 Concen: 38.741 ng
 RT: 13.404 min Scan# 1924
 Delta R.T. 0.006 min
 Lab File: BF131990.D
 Acq: 10 Jan 2023 10:59

Tgt Ion:149 Resp: 429659
 Ion Ratio Lower Upper
 149 100
 91 75.9 67.0 100.4
 206 22.9 16.9 25.3





#81

Benzo(a)anthracene

Concen: 37.147 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.000 min

Lab File: BF131990.D

Acq: 10 Jan 2023 10:59

Instrument :

BNA_F

ClientSampleId :

PB150003BS

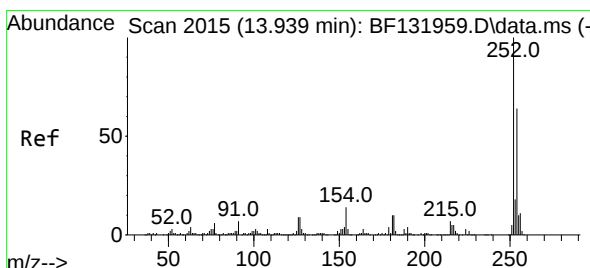
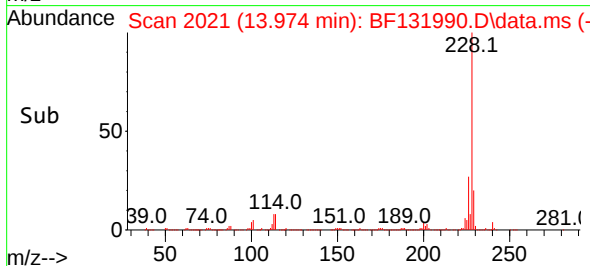
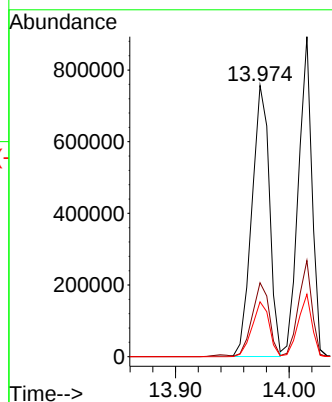
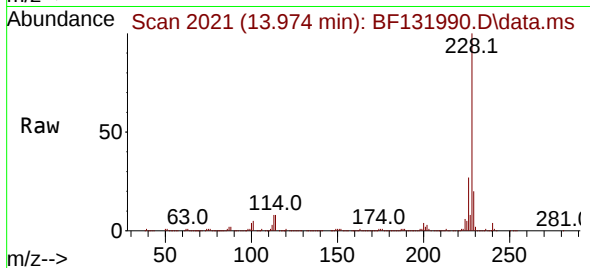
Tgt Ion:228 Resp: 814134

Ion Ratio Lower Upper

228 100

226 27.3 21.0 31.4

229 20.3 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 34.354 ng

RT: 13.939 min Scan# 2015

Delta R.T. -0.000 min

Lab File: BF131990.D

Acq: 10 Jan 2023 10:59

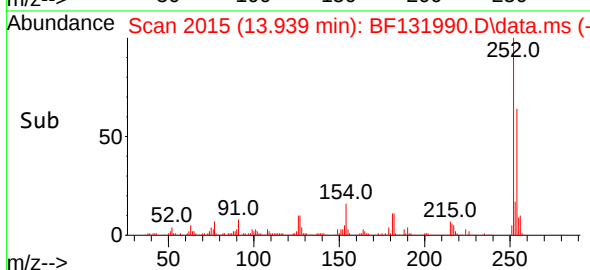
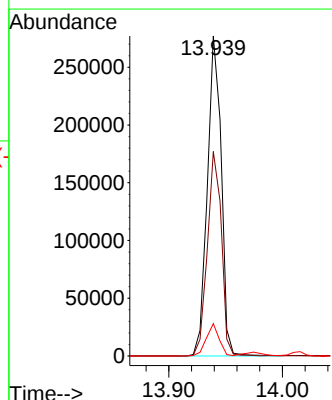
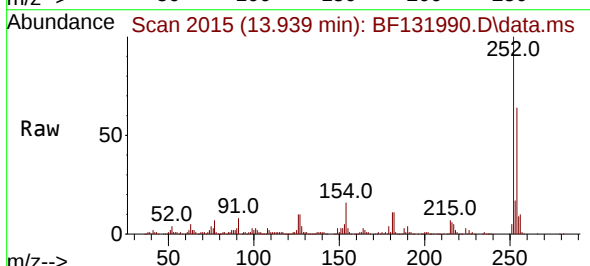
Tgt Ion:252 Resp: 234991

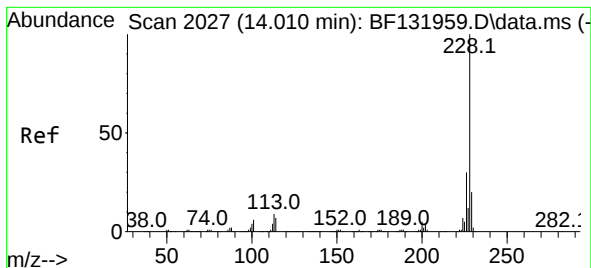
Ion Ratio Lower Upper

252 100

254 63.9 51.5 77.3

126 10.1 6.9 10.3





#83

Chrysene

Concen: 36.156 ng

RT: 14.016 min Scan# 2027

Delta R.T. 0.006 min

Lab File: BF131990.D

Acq: 10 Jan 2023 10:59

Instrument :

BNA_F

ClientSampleId :

PB150003BS

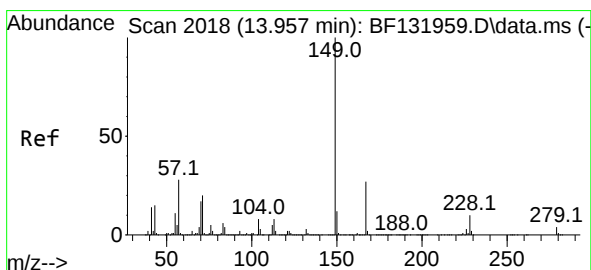
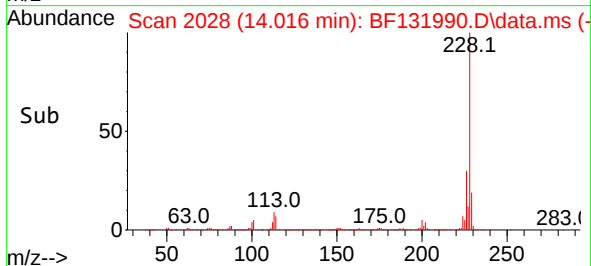
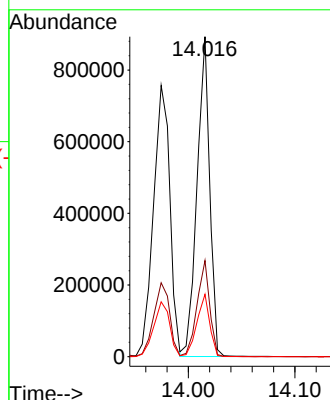
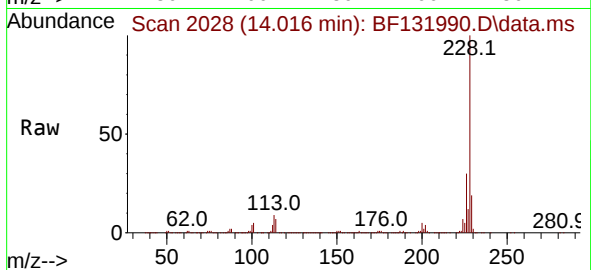
Tgt Ion:228 Resp: 740574

Ion Ratio Lower Upper

228 100

226 30.1 24.0 36.0

229 19.5 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.726 ng

RT: 13.957 min Scan# 2018

Delta R.T. -0.000 min

Lab File: BF131990.D

Acq: 10 Jan 2023 10:59

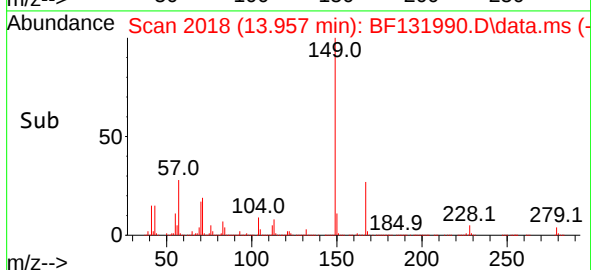
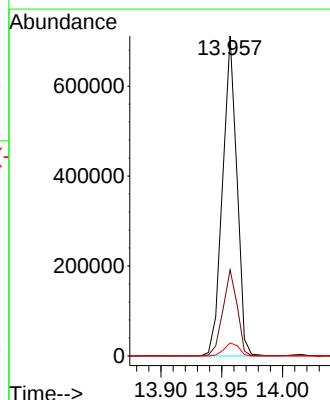
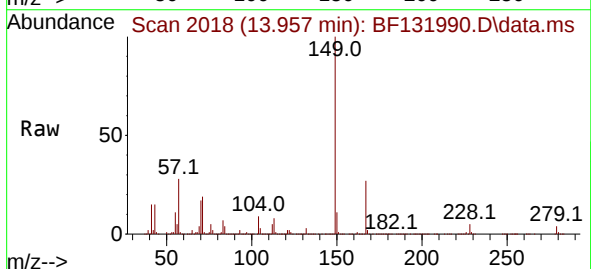
Tgt Ion:149 Resp: 581852

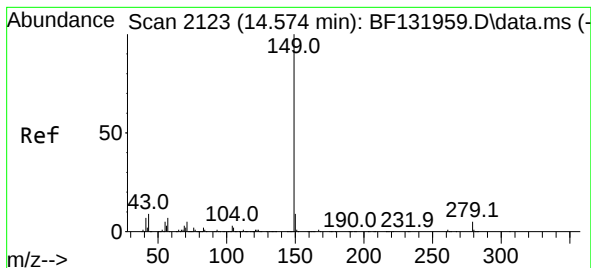
Ion Ratio Lower Upper

149 100

167 26.9 21.3 31.9

279 4.1 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 38.144 ng

RT: 14.574 min Scan# 2123

Delta R.T. -0.000 min

Lab File: BF131990.D

Acq: 10 Jan 2023 10:59

Instrument :

BNA_F

ClientSampleId :

PB150003BS

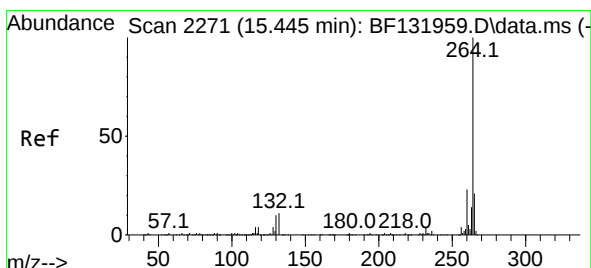
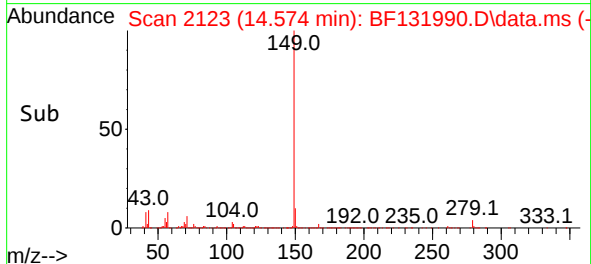
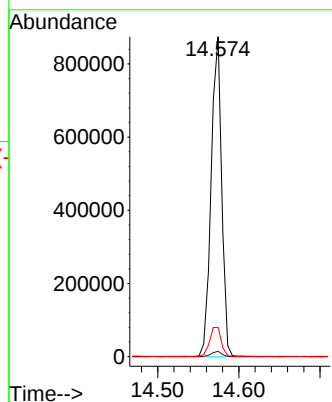
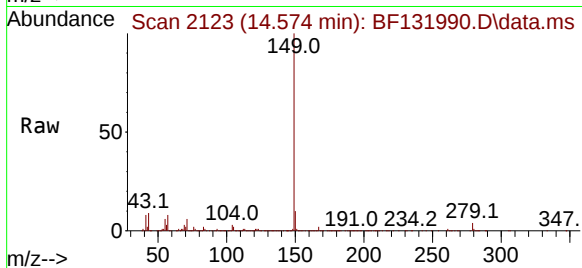
Tgt Ion:149 Resp: 784257

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 10.2 7.8 11.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 2272

Delta R.T. 0.006 min

Lab File: BF131990.D

Acq: 10 Jan 2023 10:59

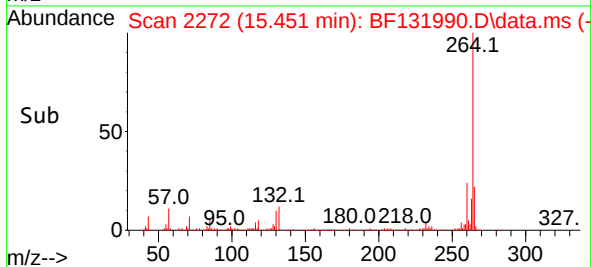
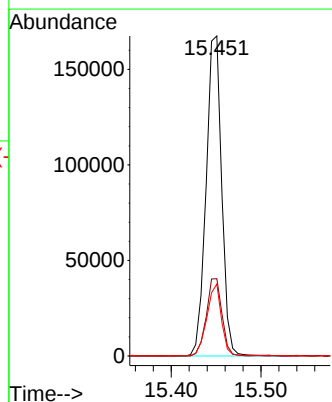
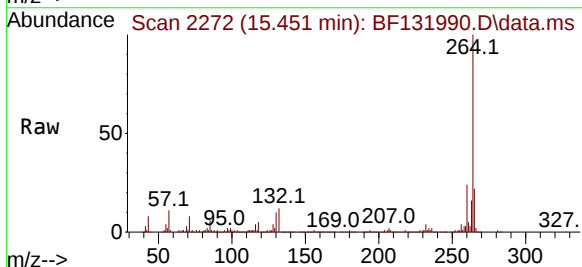
Tgt Ion:264 Resp: 201898

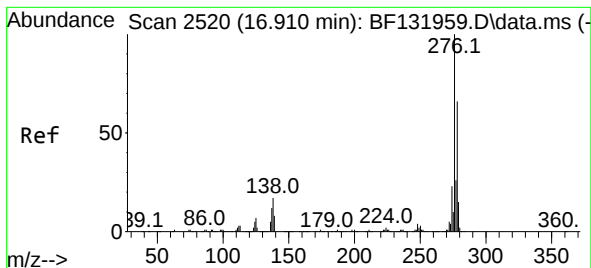
Ion Ratio Lower Upper

264 100

260 24.1 18.3 27.5

265 22.5 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.380 ng

RT: 16.921 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF131990.D

Acq: 10 Jan 2023 10:59

Instrument :

BNA_F

ClientSampleId :

PB150003BS

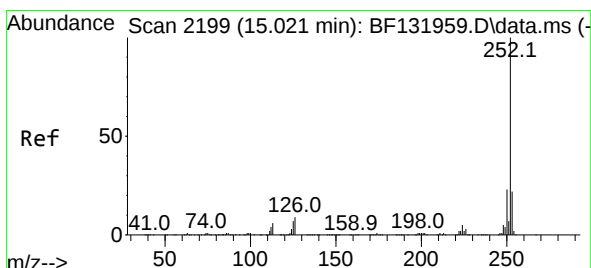
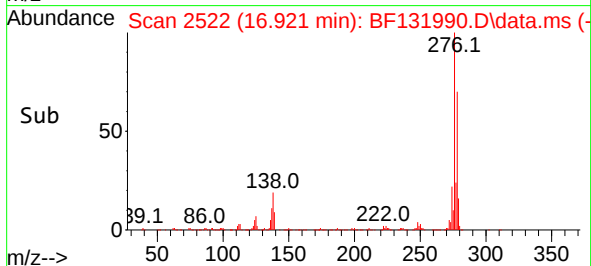
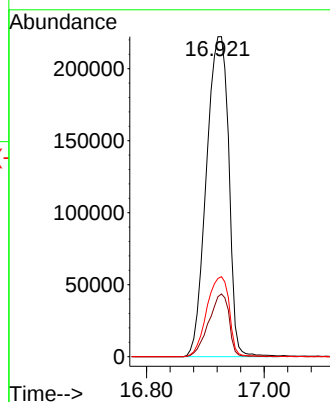
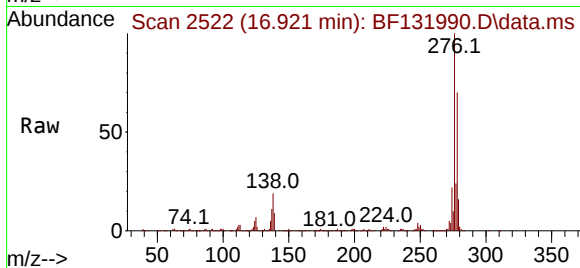
Tgt Ion:276 Resp: 586683

Ion Ratio Lower Upper

276 100

138 18.0 14.2 21.2

277 25.1 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 44.876 ng

RT: 15.027 min Scan# 2200

Delta R.T. 0.006 min

Lab File: BF131990.D

Acq: 10 Jan 2023 10:59

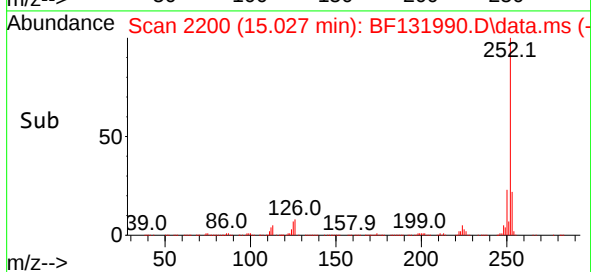
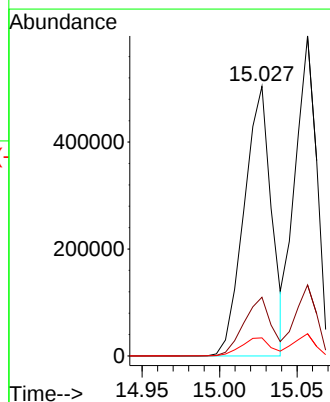
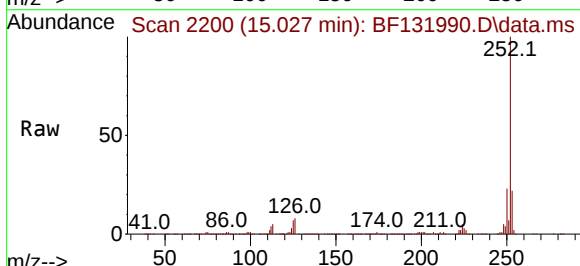
Tgt Ion:252 Resp: 621436

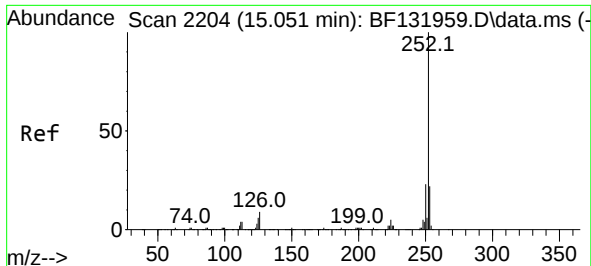
Ion Ratio Lower Upper

252 100

253 21.8 18.0 27.0

125 6.7 5.8 8.6

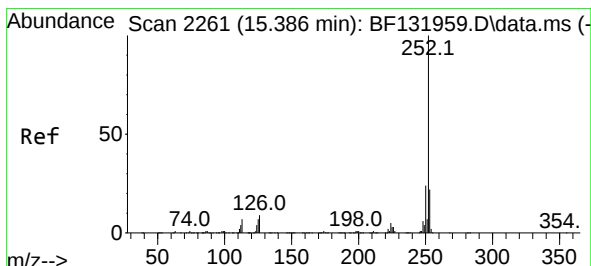
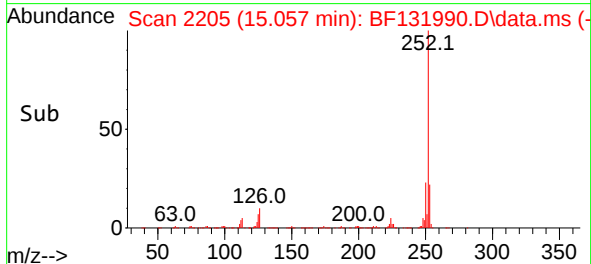
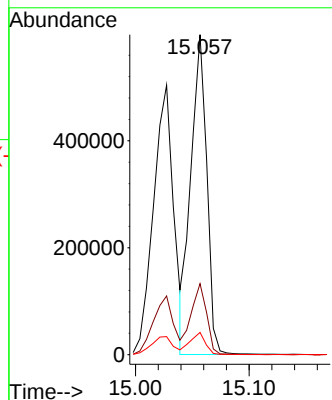
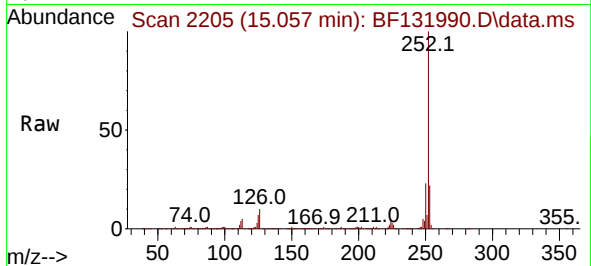




#89
Benzo(k)fluoranthene
Concen: 42.352 ng
RT: 15.057 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF131990.D
Acq: 10 Jan 2023 10:59

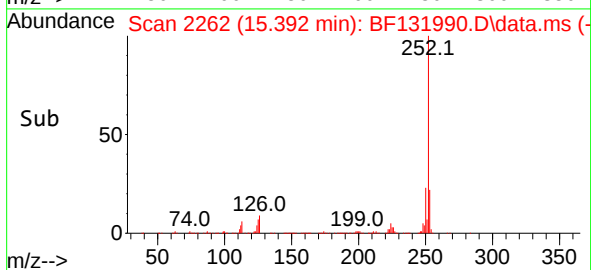
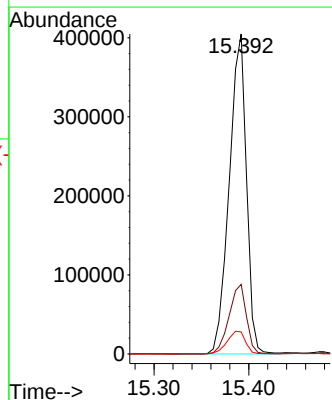
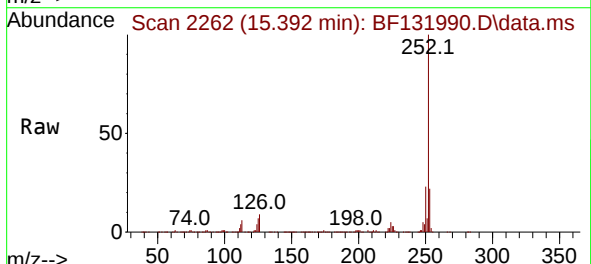
Instrument :
BNA_F
ClientSampleId :
PB150003BS

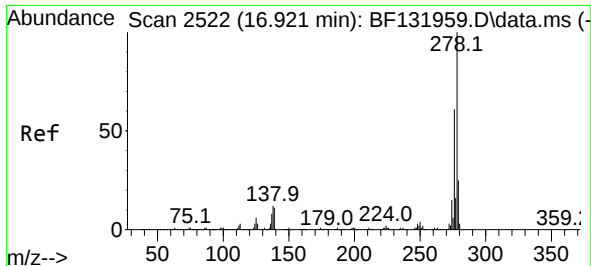
Tgt Ion:252 Resp: 585306
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 6.9 5.2 7.8



#90
Benzo(a)pyrene
Concen: 40.922 ng
RT: 15.392 min Scan# 2262
Delta R.T. 0.006 min
Lab File: BF131990.D
Acq: 10 Jan 2023 10:59

Tgt Ion:252 Resp: 510566
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 6.9 5.7 8.5

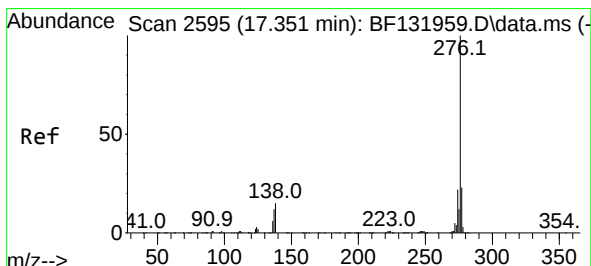
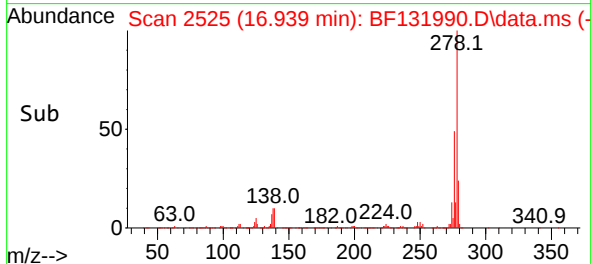
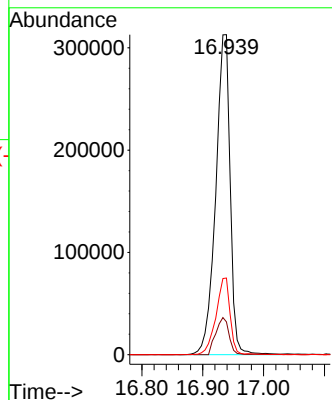
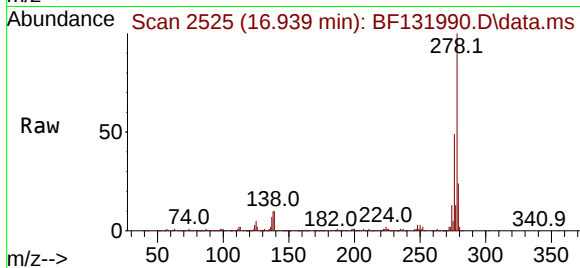




#91
Dibenzo(a,h)anthracene
Concen: 49.633 ng
RT: 16.939 min Scan# 2525
Delta R.T. 0.018 min
Lab File: BF131990.D
Acq: 10 Jan 2023 10:59

Instrument :
BNA_F
ClientSampleId :
PB150003BS

Tgt Ion:278 Resp: 515186
Ion Ratio Lower Upper
278 100
139 10.2 8.8 13.2
279 24.0 19.8 29.6



#92
Benzo(g,h,i)perylene
Concen: 44.579 ng
RT: 17.368 min Scan# 2598
Delta R.T. 0.017 min
Lab File: BF131990.D
Acq: 10 Jan 2023 10:59

Tgt Ion:276 Resp: 492451
Ion Ratio Lower Upper
276 100
277 23.4 18.2 27.2
138 15.7 11.7 17.5

