

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120122\
 Data File : BF131486.D
 Acq On : 01 Dec 2022 11:35
 Operator : CG\JU
 Sample : PB149356BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149356BS

Quant Time: Dec 02 03:25:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 01 12:46:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.939	152	73118	20.000	ng	0.00
21) Naphthalene-d8	8.233	136	360597	20.000	ng	# 0.00
39) Acenaphthene-d10	9.998	164	203380	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	376237	20.000	ng	0.00
76) Chrysene-d12	14.157	240	260125	20.000	ng	0.00
86) Perylene-d12	15.686	264	198410	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	601621	156.598	ng	0.01
7) Phenol-d6	6.569	99	771968	157.489	ng	0.00
23) Nitrobenzene-d5	7.510	82	495145	69.217	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	269737	157.644	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1051408	75.209	ng	0.00
79) Terphenyl-d14	13.092	244	1302695	81.893	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.840	88	72930	39.819	ng	97
3) Pyridine	3.587	79	211265	41.541	ng	90
4) n-Nitrosodimethylamine	3.557	42	128926	42.987	ng	90
6) Aniline	6.604	93	224451	34.939	ng	99
8) 2-Chlorophenol	6.722	128	200082	45.970	ng	100
9) Benzaldehyde	6.492	77	96137	29.938	ng	91
10) Phenol	6.581	94	284937	52.429	ng	98
11) bis(2-Chloroethyl)ether	6.675	93	188272	41.348	ng	97
12) 1,3-Dichlorobenzene	6.881	146	213027	41.067	ng	99
13) 1,4-Dichlorobenzene	6.957	146	215441	40.874	ng	98
14) 1,2-Dichlorobenzene	7.110	146	205490	42.341	ng	96
15) Benzyl Alcohol	7.086	79	176593	43.938	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.216	45	324476	37.262	ng	96
17) 2-Methylphenol	7.192	107	162044	43.682	ng	98
18) Hexachloroethane	7.457	117	90143	47.808	ng	99
19) n-Nitroso-di-n-propyla...	7.357	70	156019	43.480	ng	94
20) 3+4-Methylphenols	7.192	107	162079	34.219	ng	82
22) Acetophenone	7.357	105	309168	33.683	ng	# 95
24) Nitrobenzene	7.533	77	249812	33.518	ng	95
25) Isophorone	7.769	82	427770	33.518	ng	99
26) 2-Nitrophenol	7.845	139	140139	56.230	ng	86
27) 2,4-Dimethylphenol	7.881	122	245219	49.563	ng	94
28) bis(2-Chloroethoxy)met...	7.981	93	304980	42.073	ng	99
29) 2,4-Dichlorophenol	8.086	162	228047	42.493	ng	98
30) 1,2,4-Trichlorobenzene	8.169	180	253722	38.164	ng	99
31) Naphthalene	8.257	128	752808	39.176	ng	99
32) Benzoic acid	8.004	122	161775	51.110	ng	97
33) 4-Chloroaniline	8.304	127	102803	13.561	ng	94
34) Hexachlorobutadiene	8.369	225	153752	35.715	ng	100
35) Caprolactam	8.675	113	40594	28.785	ng	# 79
36) 4-Chloro-3-methylphenol	8.786	107	244984	43.938	ng	97
37) 2-Methylnaphthalene	8.951	142	500324	38.427	ng	99
38) 1-Methylnaphthalene	9.051	142	471471	37.343	ng	99
40) 1,2,4,5-Tetrachloroben...	9.116	216	251567	38.117	ng	99
41) Hexachlorocyclopentadiene	9.104	237	316914	106.814	ng	99
43) 2,4,6-Trichlorophenol	9.227	196	169359	45.234	ng	97

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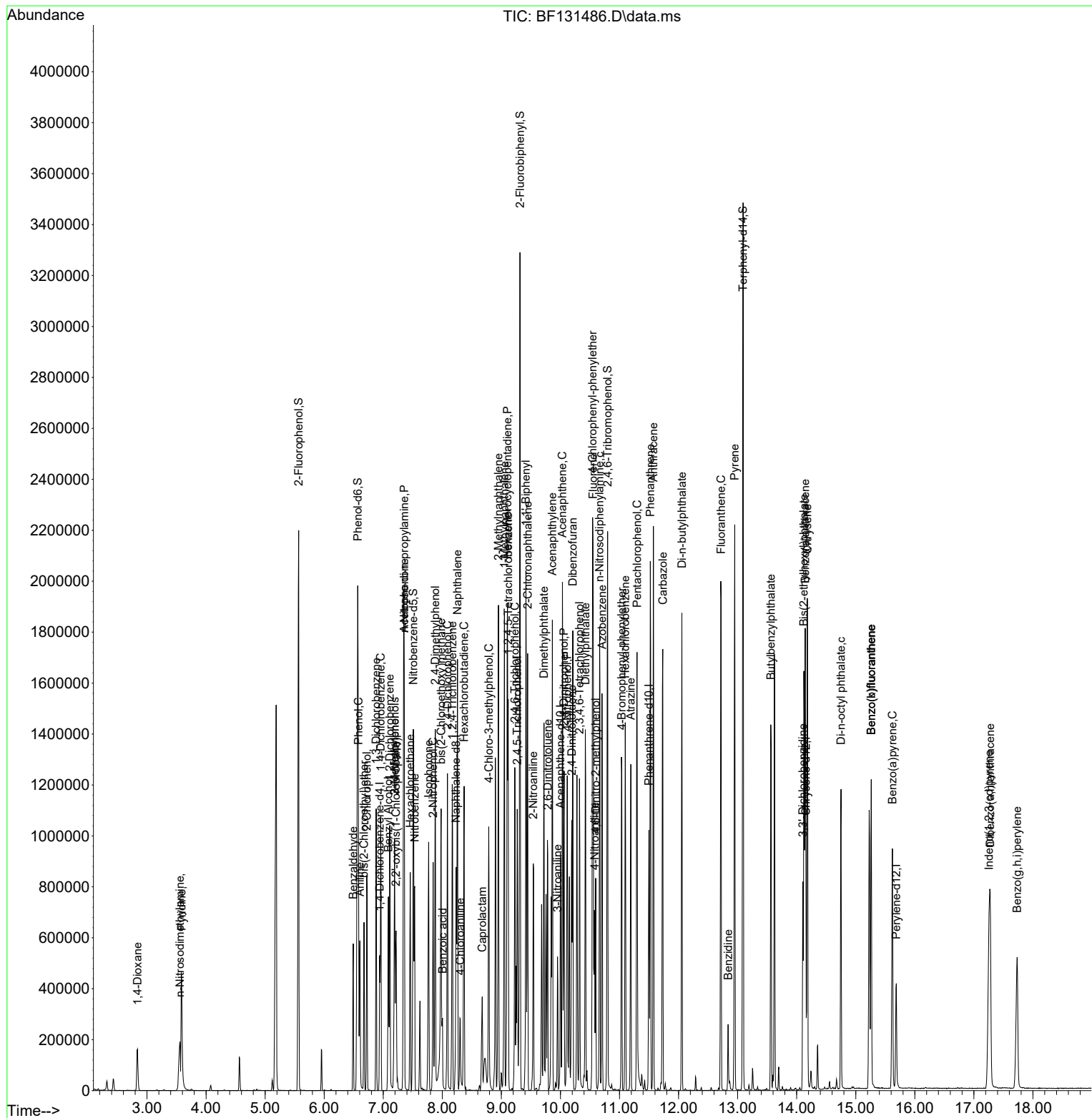
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	187284	44.484	ng	97
46) 1,1'-Biphenyl	9.416	154	617184	39.766	ng	98
47) 2-Chloronaphthalene	9.445	162	484701	38.931	ng	100
48) 2-Nitroaniline	9.539	65	169205	44.760	ng	98
49) Acenaphthylene	9.863	152	749667	39.499	ng	100
50) Dimethylphthalate	9.722	163	563058	39.735	ng	98
51) 2,6-Dinitrotoluene	9.786	165	126907	44.783	ng	# 72
52) Acenaphthene	10.033	154	456352	38.399	ng	98
53) 3-Nitroaniline	9.951	138	70637	24.258	ng	96
54) 2,4-Dinitrophenol	10.063	184	155089	105.099	ng	# 82
55) Dibenzofuran	10.210	168	664865	38.886	ng	97
56) 4-Nitrophenol	10.116	139	211932	104.868	ng	93
57) 2,4-Dinitrotoluene	10.192	165	175508	49.223	ng	85
58) Fluorene	10.551	166	529729	39.698	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.322	232	156030	44.501	ng	97
60) Diethylphthalate	10.422	149	527149	39.398	ng	100
61) 4-Chlorophenyl-phenyle...	10.545	204	264555	38.674	ng	96
62) 4-Nitroaniline	10.580	138	130524	45.039	ng	86
63) Azobenzene	10.704	77	529301	36.791	ng	94
65) 4,6-Dinitro-2-methylph...	10.598	198	97649	57.086	ng	# 79
66) n-Nitrosodiphenylamine	10.663	169	458313	38.229	ng	97
67) 4-Bromophenyl-phenylether	11.039	248	173217	37.564	ng	95
68) Hexachlorobenzene	11.098	284	190374	38.898	ng	95
69) Atrazine	11.192	200	146466	39.680	ng	99
70) Pentachlorophenol	11.298	266	223277	78.604	ng	99
71) Phenanthrene	11.521	178	791536	38.929	ng	99
72) Anthracene	11.574	178	817200	40.895	ng	100
73) Carbazole	11.733	167	728368	42.731	ng	99
74) Di-n-butylphthalate	12.057	149	818516	40.751	ng	99
75) Fluoranthene	12.721	202	892767	41.668	ng	98
77) Benzidine	12.839	184	112868	23.491	ng	97
78) Pyrene	12.951	202	905205	39.442	ng	99
80) Butylbenzylphthalate	13.563	149	334913	43.774	ng	98
81) Benzo(a)anthracene	14.145	228	723470	40.575	ng	99
82) 3,3'-Dichlorobenzidine	14.104	252	157237	33.233	ng	98
83) Chrysene	14.180	228	687280	39.288	ng	100
84) Bis(2-ethylhexyl)phtha...	14.121	149	411423	40.765	ng	99
85) Di-n-octyl phthalate	14.751	149	568625	40.940	ng	94
87) Indeno(1,2,3-cd)pyrene	17.256	276	564125	42.332	ng	99
88) Benzo(b)fluoranthene	15.262	252	560625	42.533	ng	99
89) Benzo(k)fluoranthene	15.262	252	560625	41.389	ng	99
90) Benzo(a)pyrene	15.621	252	485979	44.935	ng	98
91) Dibenzo(a,h)anthracene	17.274	278	474417	43.121	ng	98
92) Benzo(g,h,i)perylene	17.733	276	473215	43.095	ng	99

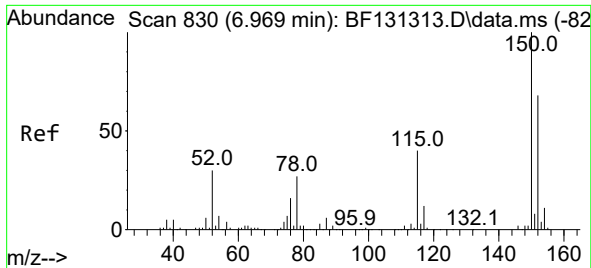
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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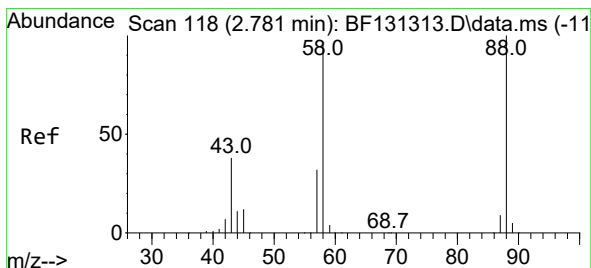
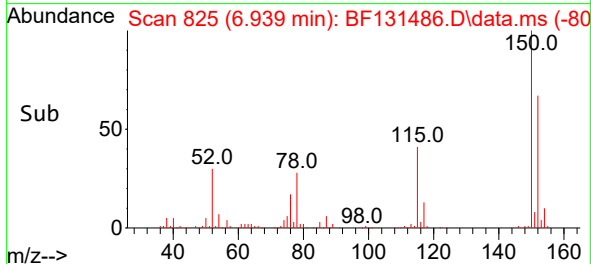
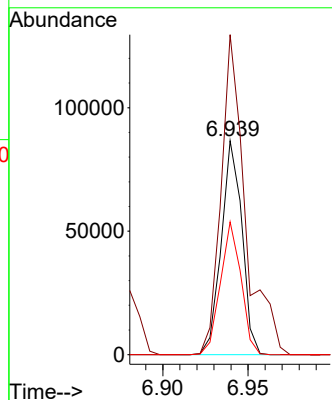
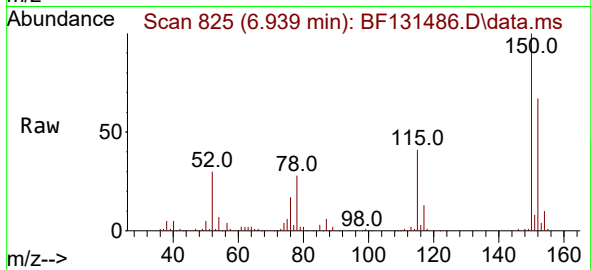




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.939 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF131486.D
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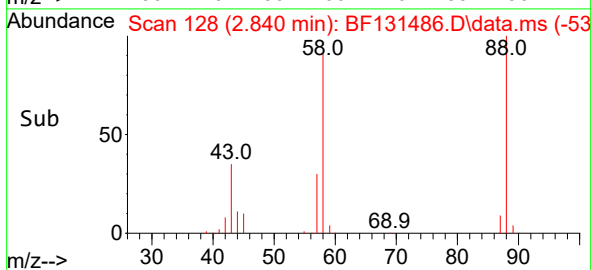
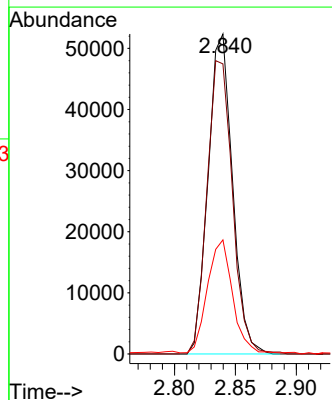
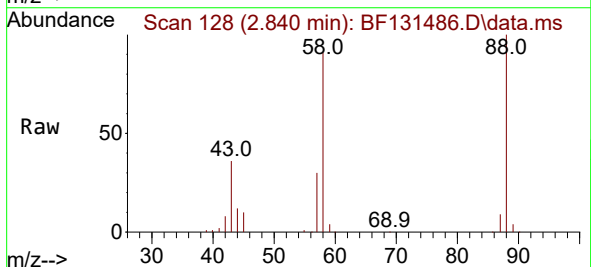
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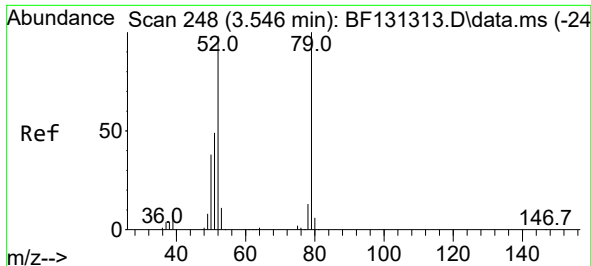
Tgt Ion:152 Resp: 73118
 Ion Ratio Lower Upper
 152 100
 150 149.6 117.8 176.8
 115 62.1 47.1 70.7



#2
 1,4-Dioxane
 Concen: 39.819 ng
 RT: 2.840 min Scan# 128
 Delta R.T. 0.094 min
 Lab File: BF131486.D
 Acq: 01 Dec 2022 11:35

Tgt Ion: 88 Resp: 72930
 Ion Ratio Lower Upper
 88 100
 58 95.4 78.2 117.4
 43 37.3 31.6 47.4

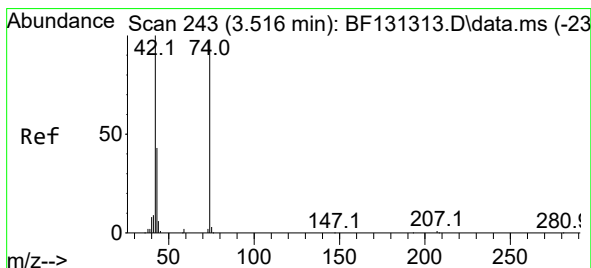
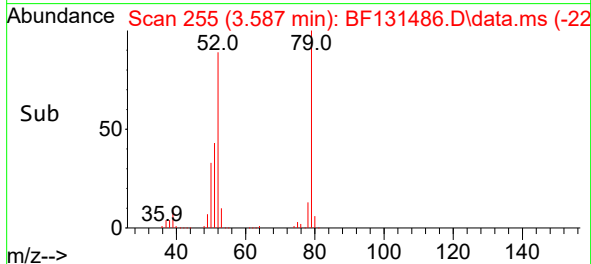
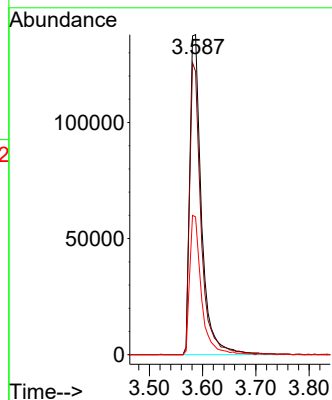
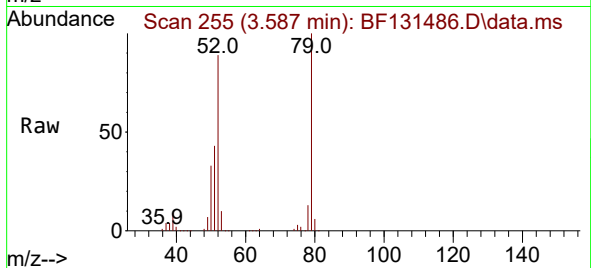




#3
 Pyridine
 Concen: 41.541 ng
 RT: 3.587 min Scan# 211
 Delta R.T. 0.070 min
 Lab File: BF131486.D
 Acq: 01 Dec 2022 11:35

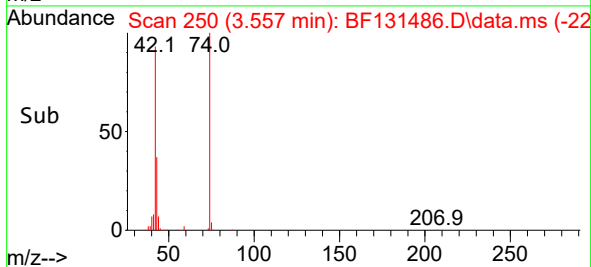
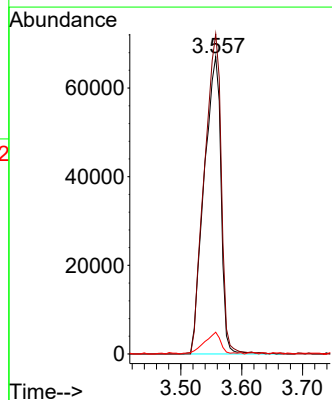
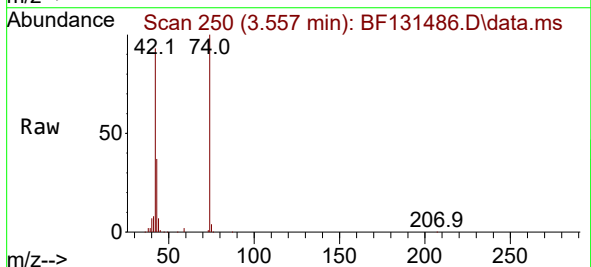
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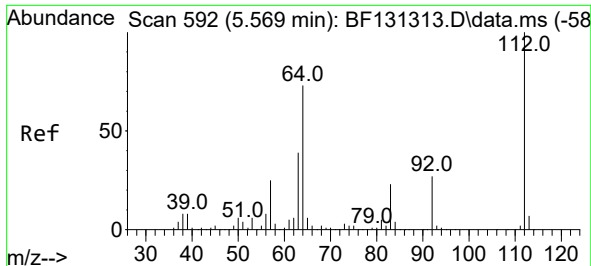
Tgt Ion: 79 Resp: 211265
 Ion Ratio Lower Upper
 79 100
 52 88.5 78.7 118.1
 51 43.0 39.3 58.9



#4
 n-Nitrosodimethylamine
 Concen: 42.987 ng
 RT: 3.557 min Scan# 250
 Delta R.T. 0.070 min
 Lab File: BF131486.D
 Acq: 01 Dec 2022 11:35

Tgt Ion: 42 Resp: 128926
 Ion Ratio Lower Upper
 42 100
 74 107.6 78.0 117.0
 44 7.3 5.2 7.8

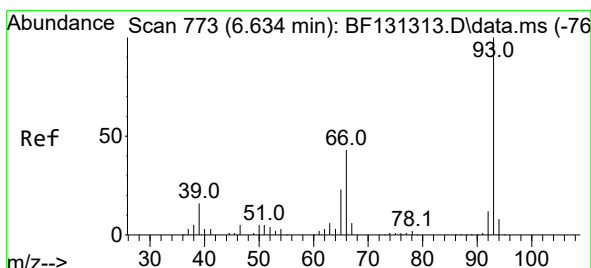
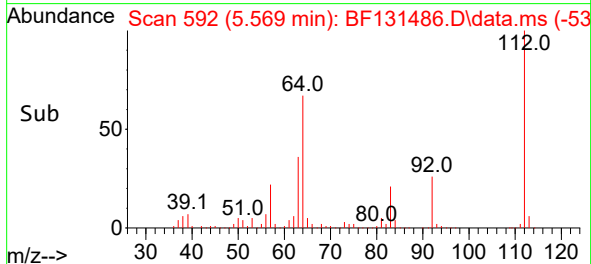
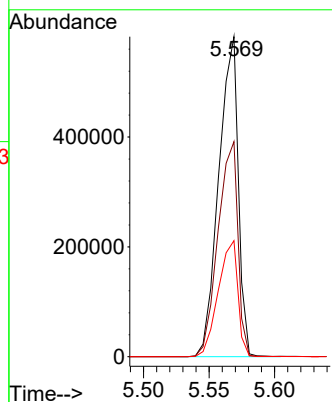
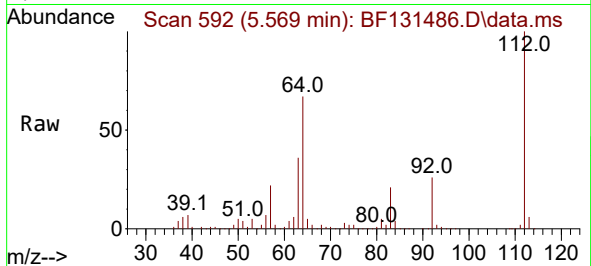




#5
2-Fluorophenol
Concen: 156.598 ng
RT: 5.569 min Scan# 592
Delta R.T. 0.012 min
Lab File: BF131486.D
Acq: 01 Dec 2022 11:35

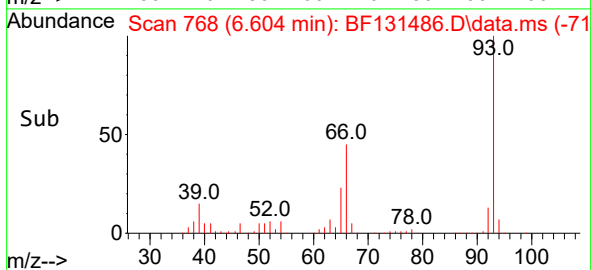
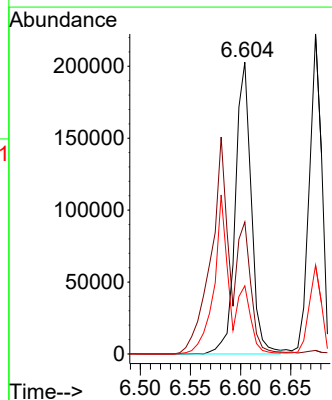
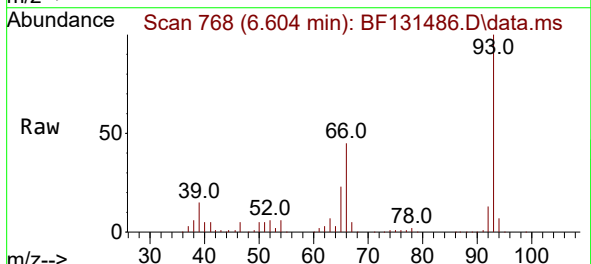
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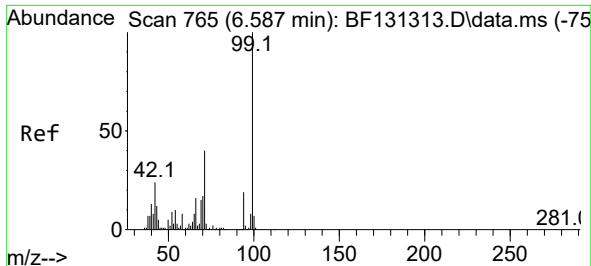
Tgt Ion:112 Resp: 601621
Ion Ratio Lower Upper
112 100
64 67.2 58.6 88.0
63 36.2 31.4 47.0



#6
Aniline
Concen: 34.939 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF131486.D
Acq: 01 Dec 2022 11:35

Tgt Ion: 93 Resp: 224451
Ion Ratio Lower Upper
93 100
66 45.3 35.6 53.4
65 23.4 18.4 27.6

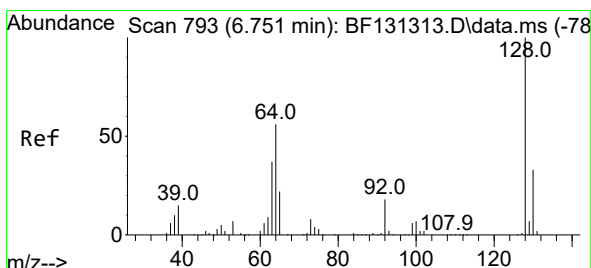
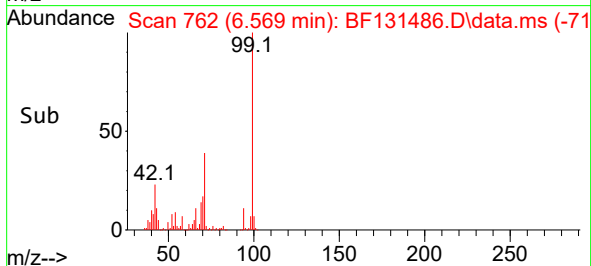
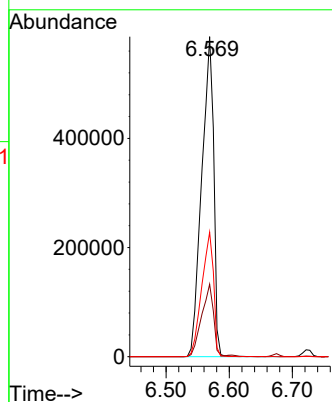
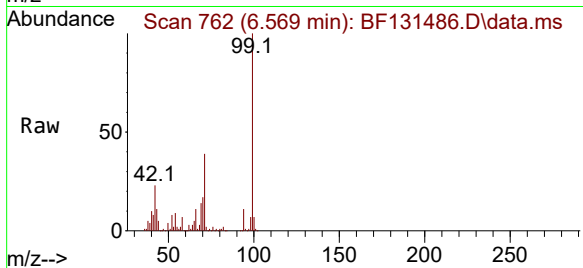




#7
Phenol-d6
Concen: 157.489 ng
RT: 6.569 min Scan# 771
Delta R.T. -0.000 min
Lab File: BF131486.D
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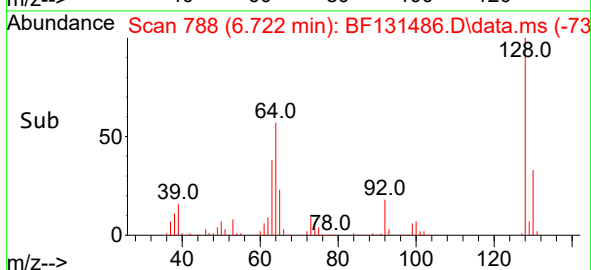
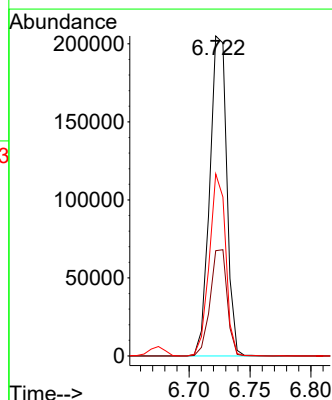
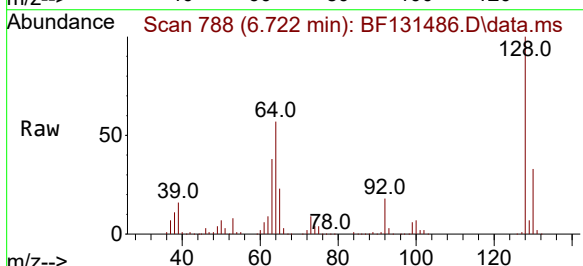
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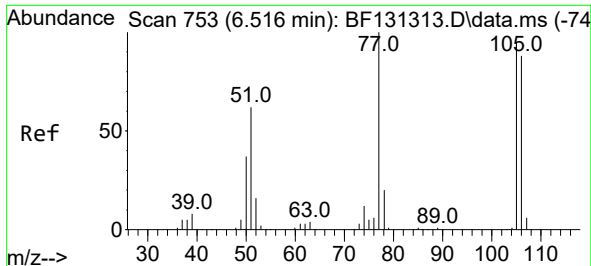
Tgt Ion: 99 Resp: 771968
Ion Ratio Lower Upper
99 100
42 22.7 19.4 29.2
71 38.9 32.3 48.5



#8
2-Chlorophenol
Concen: 45.970 ng
RT: 6.722 min Scan# 788
Delta R.T. -0.012 min
Lab File: BF131486.D
Acq: 01 Dec 2022 11:35

Tgt Ion: 128 Resp: 200082
Ion Ratio Lower Upper
128 100
130 32.9 12.5 52.5
64 56.9 36.9 76.9

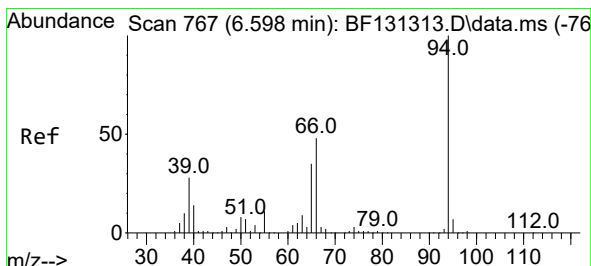
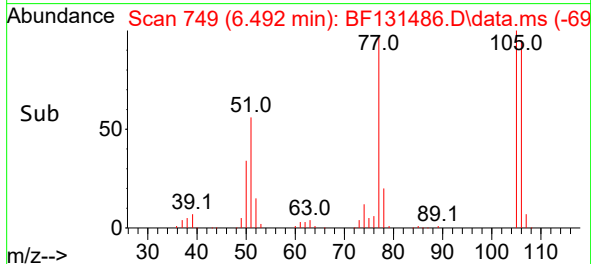
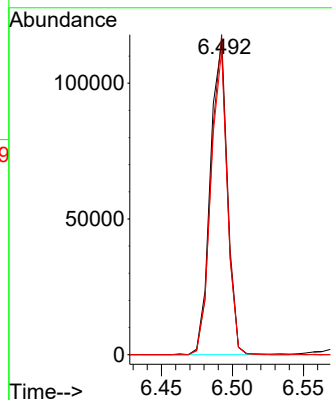
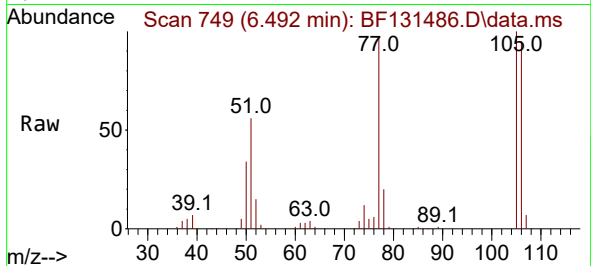




#9
Benzaldehyde
Concen: 29.938 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
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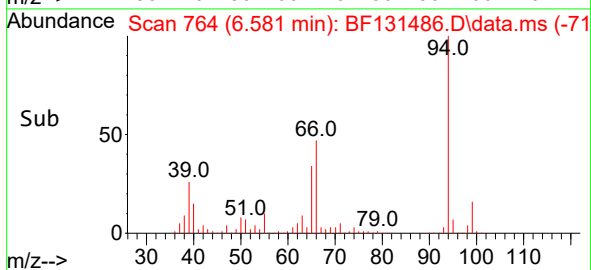
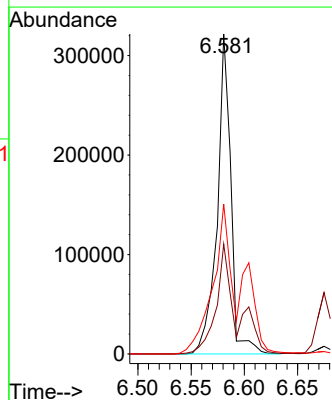
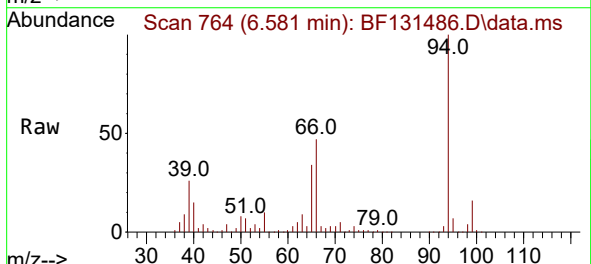
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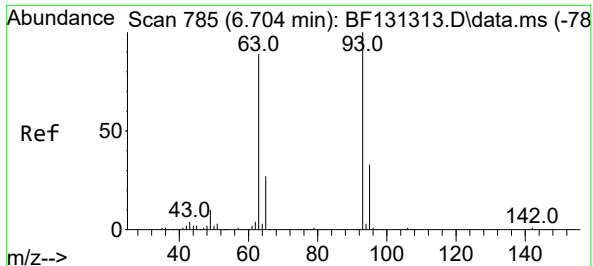
Tgt Ion: 77 Resp: 96137
Ion Ratio Lower Upper
77 100
105 102.7 74.5 114.5
106 97.7 68.1 108.1



#10
Phenol
Concen: 52.429 ng
RT: 6.581 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF131486.D
Acq: 01 Dec 2022 11:35

Tgt Ion: 94 Resp: 284937
Ion Ratio Lower Upper
94 100
65 34.4 15.0 55.0
66 46.9 28.6 68.6





#11

bis(2-Chloroethyl)ether

Concen: 41.348 ng

RT: 6.675 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF131486.D

Acq: 01 Dec 2022 11:35

Instrument :

BNA_F

ClientSampleId :

PB149356BS

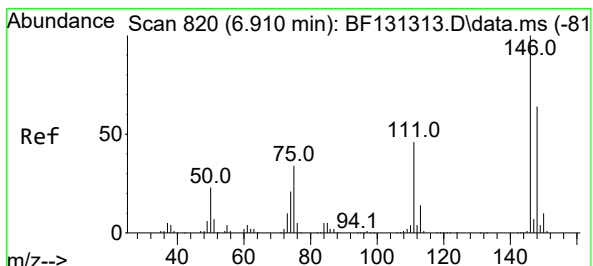
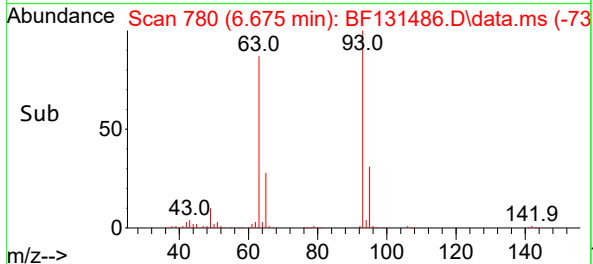
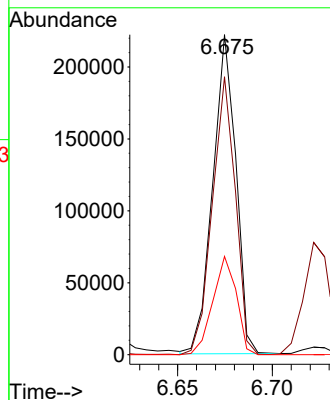
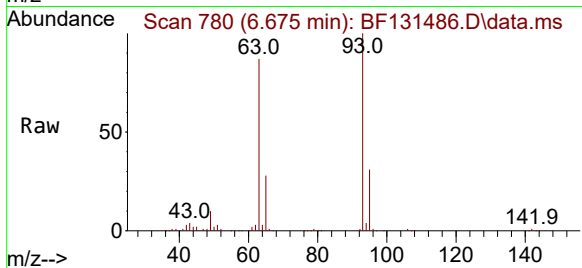
Tgt Ion: 93 Resp: 188272

Ion Ratio Lower Upper

93 100

63 86.9 68.6 108.6

95 30.7 13.1 53.1



#12

1,3-Dichlorobenzene

Concen: 41.067 ng

RT: 6.881 min Scan# 815

Delta R.T. -0.006 min

Lab File: BF131486.D

Acq: 01 Dec 2022 11:35

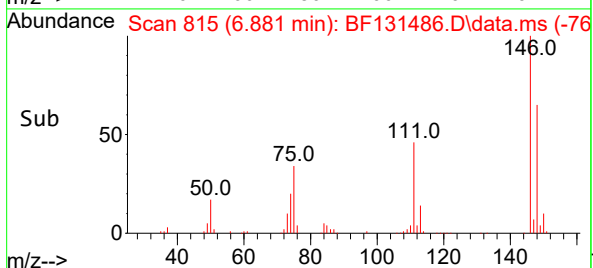
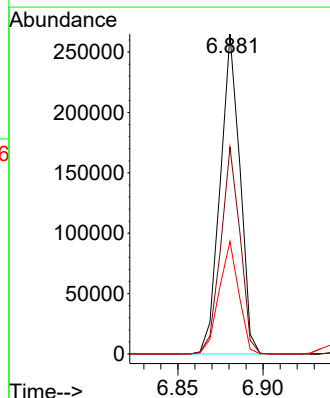
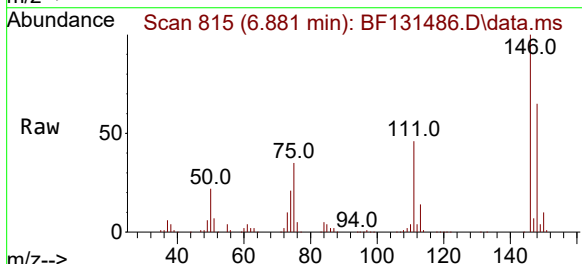
Tgt Ion:146 Resp: 213027

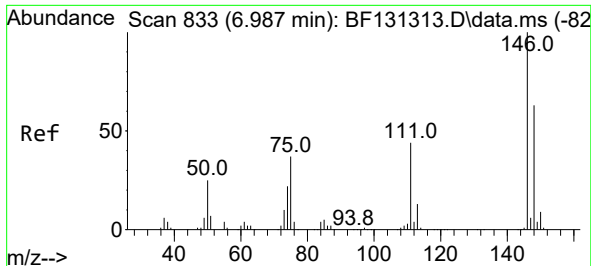
Ion Ratio Lower Upper

146 100

148 64.6 51.4 77.2

75 35.2 27.6 41.4

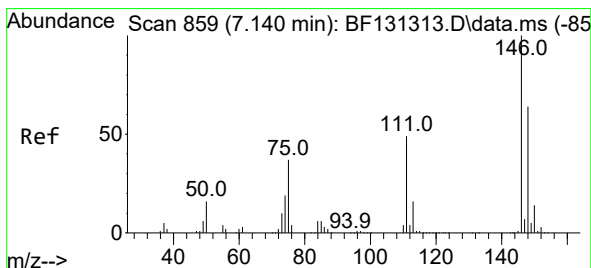
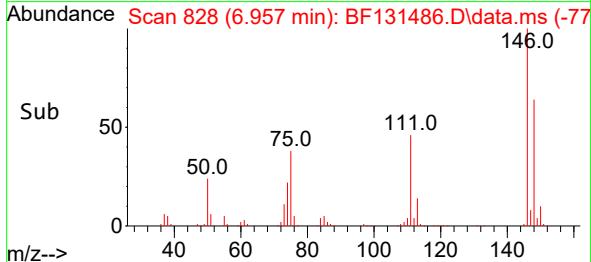
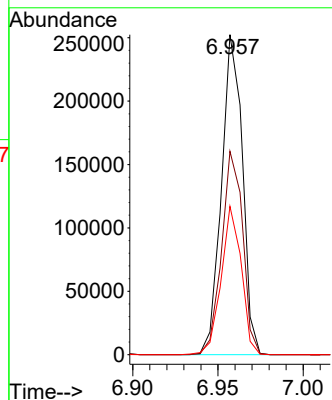
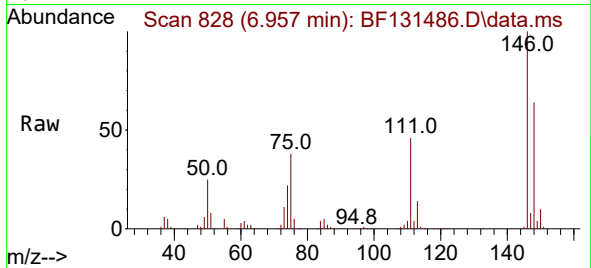




#13
1,4-Dichlorobenzene
Concen: 40.874 ng
RT: 6.957 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF131486.D
Acq: 01 Dec 2022 11:35

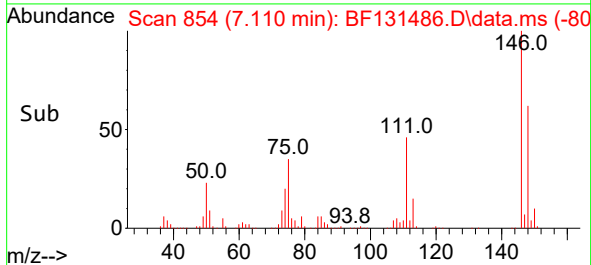
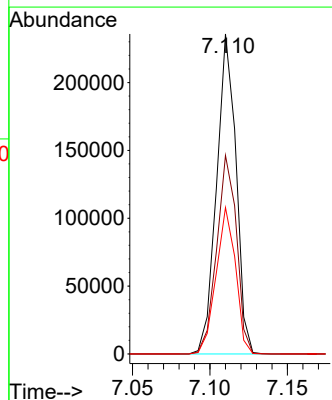
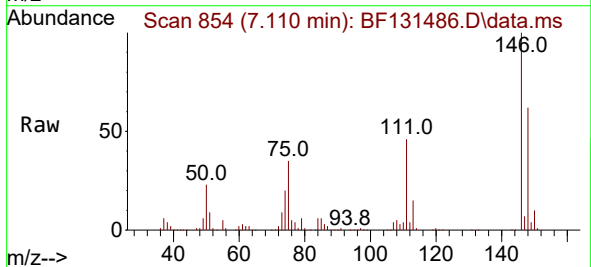
Instrument :
BNA_F
ClientSampleId :
PB149356BS

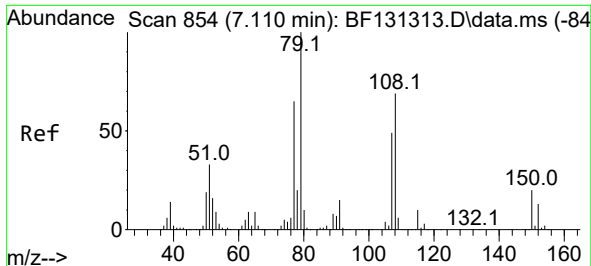
Tgt Ion:146 Resp: 215441
Ion Ratio Lower Upper
146 100
148 63.5 50.2 75.2
111 46.4 35.0 52.6



#14
1,2-Dichlorobenzene
Concen: 42.341 ng
RT: 7.110 min Scan# 854
Delta R.T. -0.012 min
Lab File: BF131486.D
Acq: 01 Dec 2022 11:35

Tgt Ion:146 Resp: 205490
Ion Ratio Lower Upper
146 100
148 62.1 51.4 77.0
111 45.7 39.4 59.0

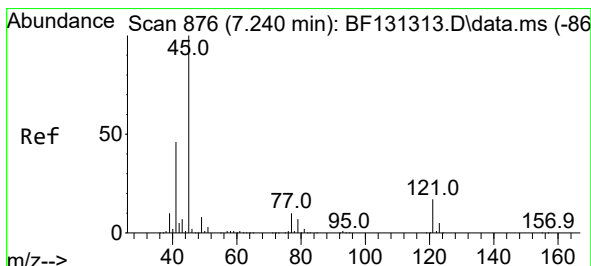
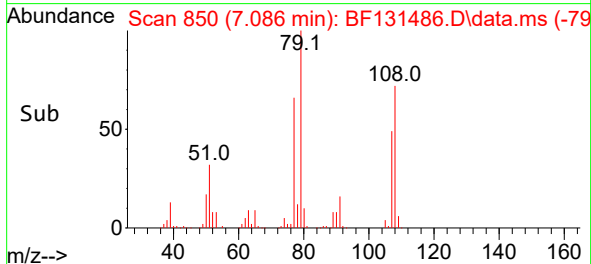
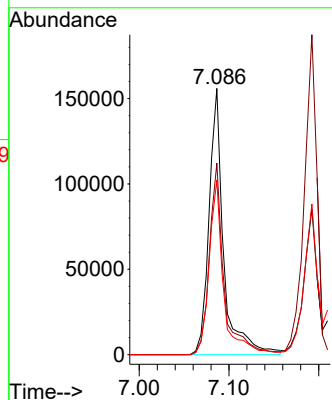
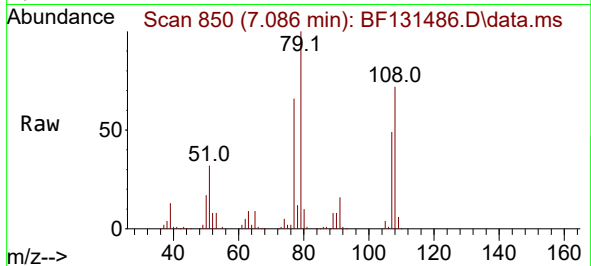




#15
Benzyl Alcohol
Concen: 43.938 ng
RT: 7.086 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131486.D
Acq: 01 Dec 2022 11:35

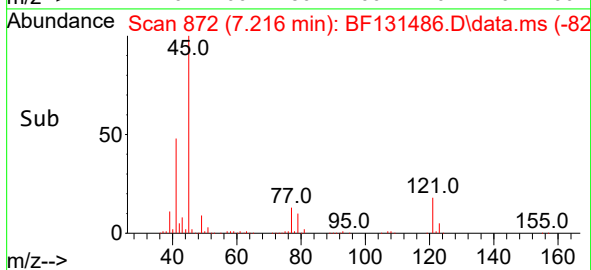
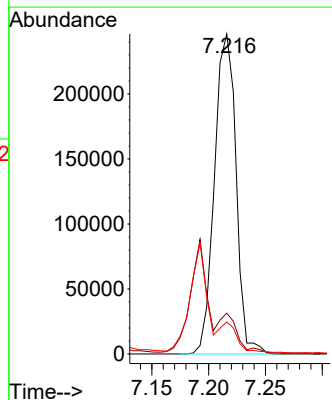
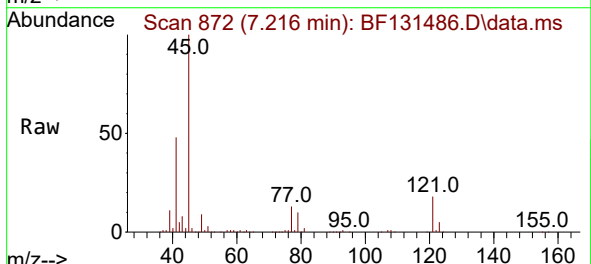
Instrument :
BNA_F
ClientSampleId :
PB149356BS

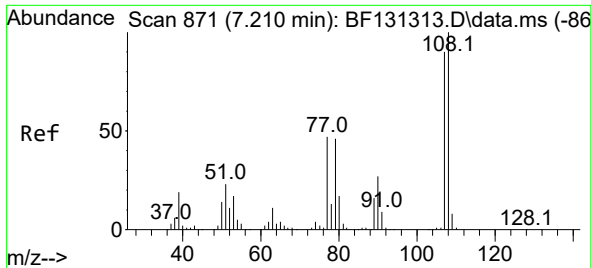
Tgt Ion: 79 Resp: 176593
Ion Ratio Lower Upper
79 100
108 71.9 55.1 82.7
77 65.6 51.8 77.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.262 ng
RT: 7.216 min Scan# 872
Delta R.T. -0.006 min
Lab File: BF131486.D
Acq: 01 Dec 2022 11:35

Tgt Ion: 45 Resp: 324476
Ion Ratio Lower Upper
45 100
77 12.8 0.0 31.2
79 10.0 0.0 28.4

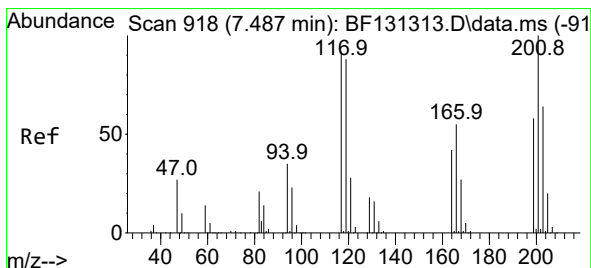
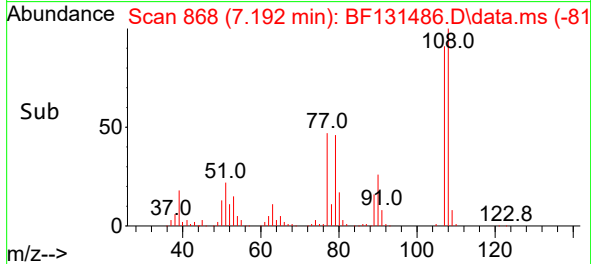
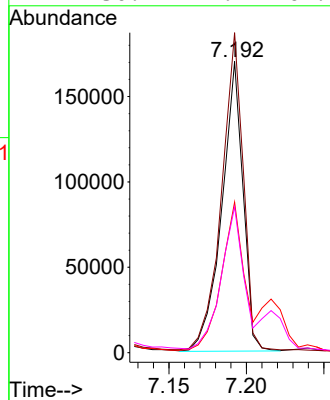
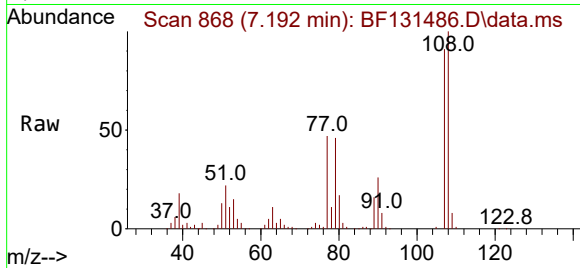




#17
2-Methylphenol
Concen: 43.682 ng
RT: 7.192 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF131486.D
Acq: 01 Dec 2022 11:35

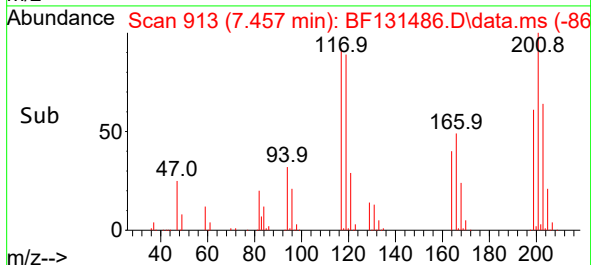
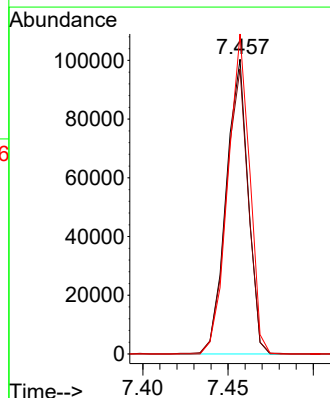
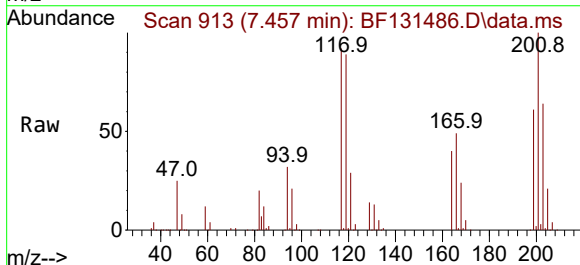
Instrument :
BNA_F
ClientSampleId :
PB149356BS

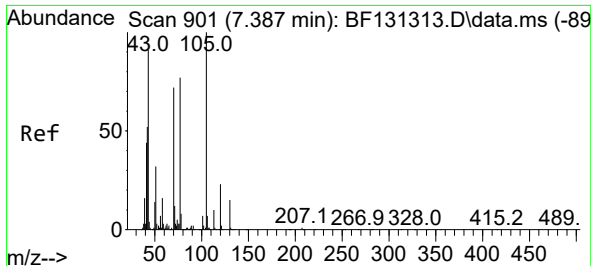
Tgt Ion:	107	Resp:	162044
Ion	Ratio	Lower	Upper
107	100		
108	109.9	89.0	133.6
77	51.7	42.5	63.7
79	50.1	41.4	62.0



#18
Hexachloroethane
Concen: 47.808 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF131486.D
Acq: 01 Dec 2022 11:35

Tgt Ion:	117	Resp:	90143
Ion	Ratio	Lower	Upper
117	100		
119	96.7	76.6	115.0
201	108.6	87.0	130.6



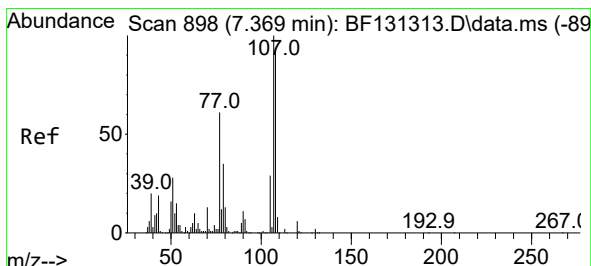
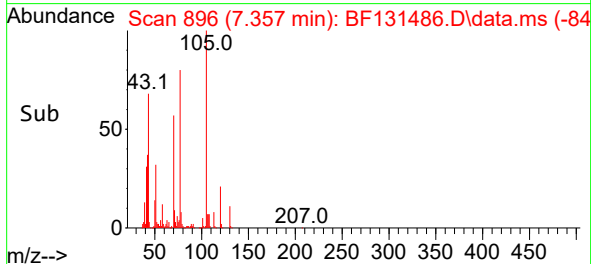
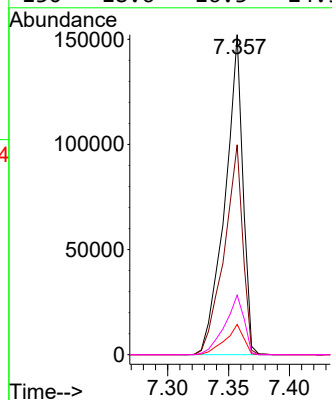
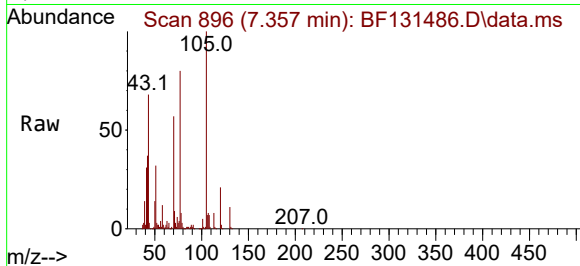


#19
n-Nitroso-di-n-propylamine
Concen: 43.480 ng
RT: 7.357 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF131486.D
Acq: 01 Dec 2022 11:35

Instrument :
BNA_F
ClientSampleId :
PB149356BS

Tgt Ion: 70 Resp: 156019

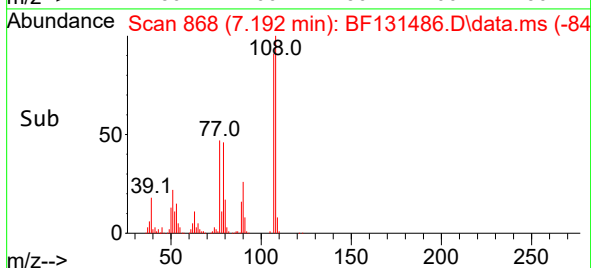
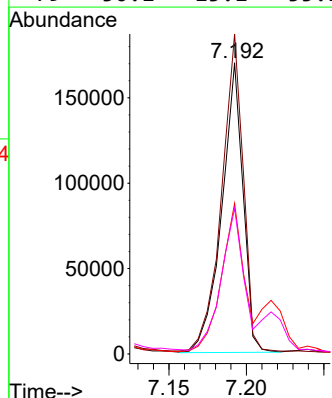
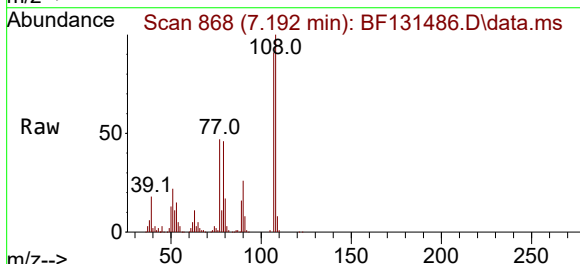
Ion	Ratio	Lower	Upper
70	100		
42	65.6	57.6	86.4
101	9.4	8.2	12.2
130	18.6	16.3	24.5

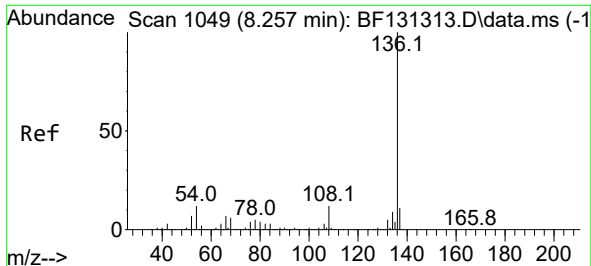


#20
3+4-Methylphenols
Concen: 34.219 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.159 min
Lab File: BF131486.D
Acq: 01 Dec 2022 11:35

Tgt Ion: 107 Resp: 162079

Ion	Ratio	Lower	Upper
107	100		
108	109.9	72.6	112.6
77	51.7	41.4	81.4
79	50.1	15.1	55.1

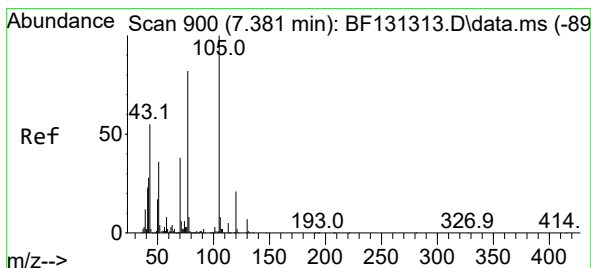
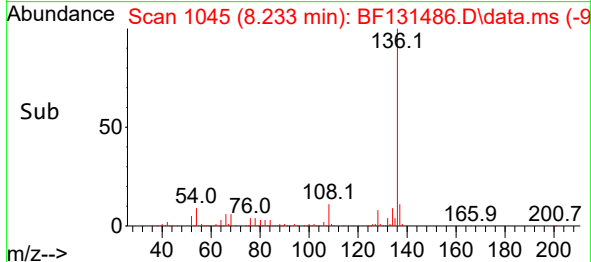
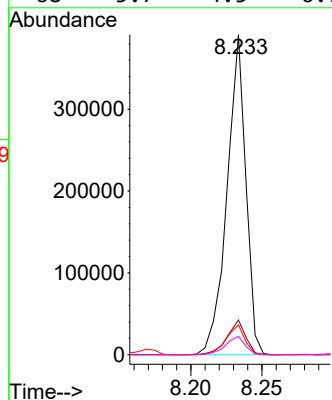
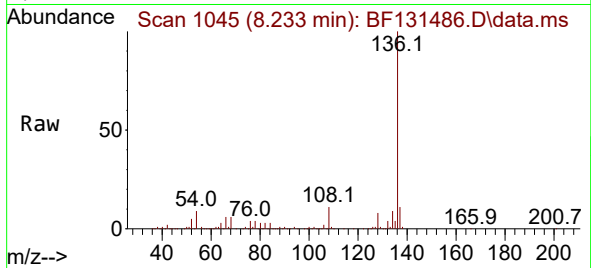




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.233 min Scan# 1045
Delta R.T. -0.006 min
Lab File: BF131486.D
Acq: 01 Dec 2022 11:35

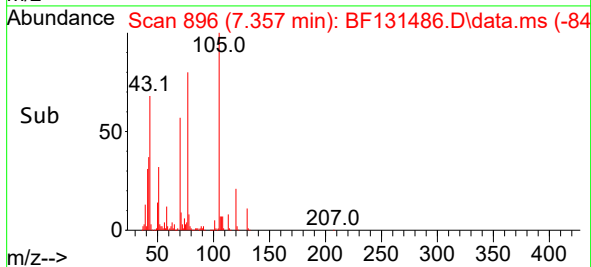
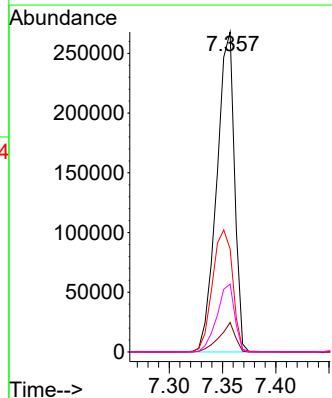
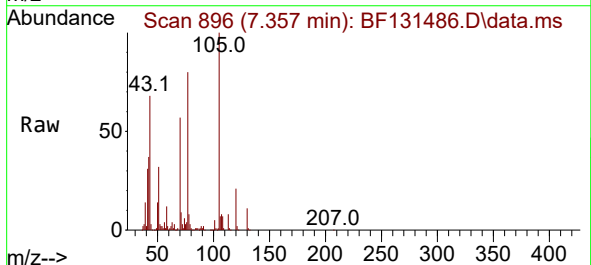
Instrument :
BNA_F
ClientSampleId :
PB149356BS

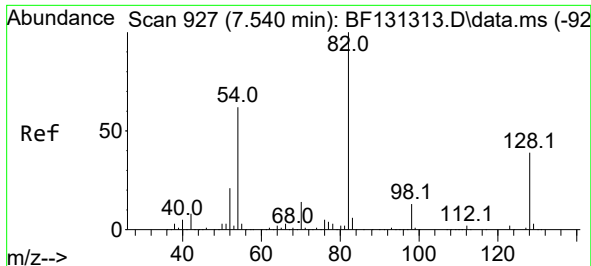
Tgt Ion:136 Resp: 360597
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 9.3 9.4 14.0#
68 5.7 4.5 6.7



#22
Acetophenone
Concen: 33.683 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF131486.D
Acq: 01 Dec 2022 11:35

Tgt Ion:105 Resp: 309168
Ion Ratio Lower Upper
105 100
71 9.2 4.9 7.3#
51 32.2 29.0 43.4
120 21.2 16.9 25.3

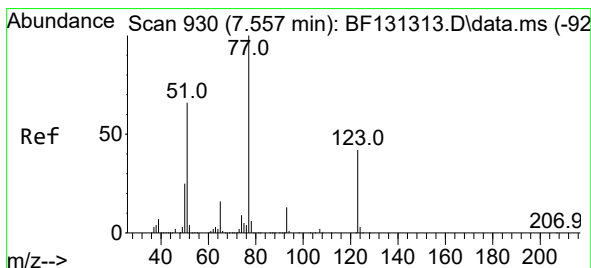
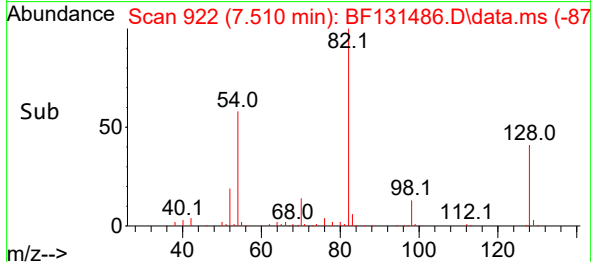
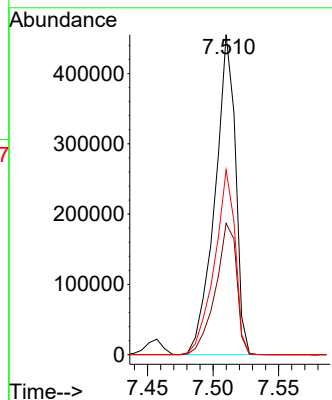
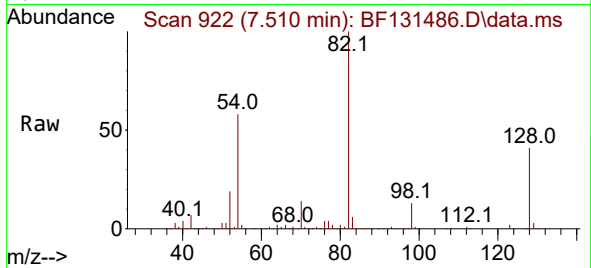




#23
Nitrobenzene-d5
Concen: 69.217 ng
RT: 7.510 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF131486.D
Acq: 01 Dec 2022 11:35

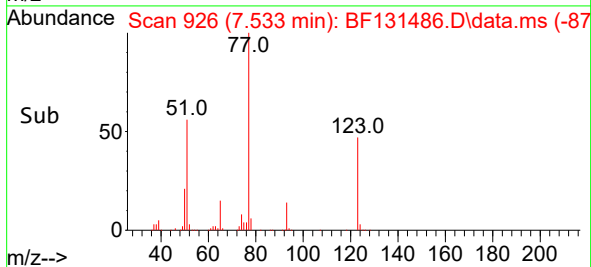
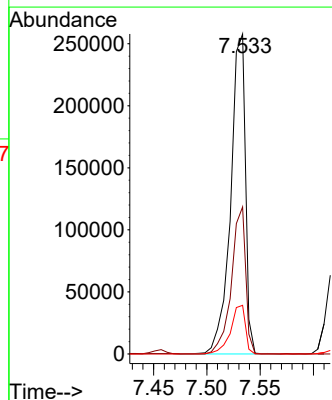
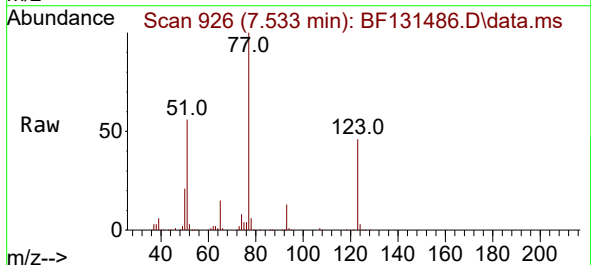
Instrument :
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ClientSampleId :
PB149356BS

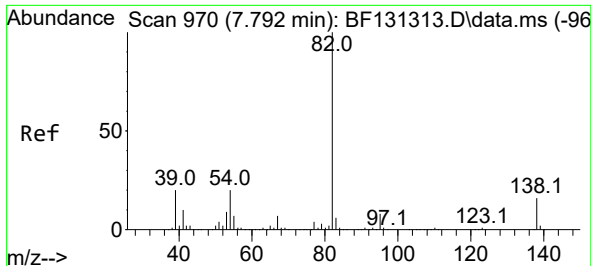
Tgt Ion: 82 Resp: 495145
Ion Ratio Lower Upper
82 100
128 41.1 31.4 47.0
54 57.7 49.8 74.6



#24
Nitrobenzene
Concen: 33.518 ng
RT: 7.533 min Scan# 926
Delta R.T. -0.006 min
Lab File: BF131486.D
Acq: 01 Dec 2022 11:35

Tgt Ion: 77 Resp: 249812
Ion Ratio Lower Upper
77 100
123 46.0 33.3 49.9
65 15.2 12.7 19.1

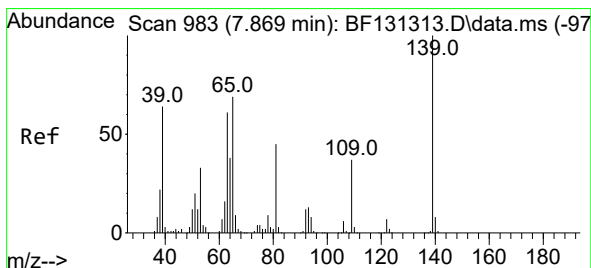
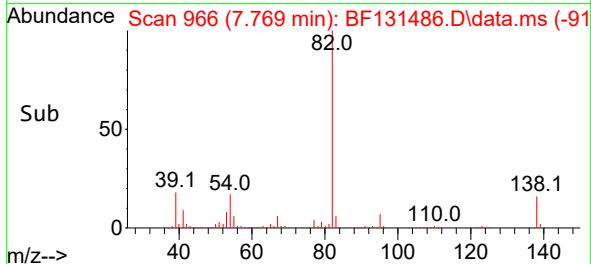
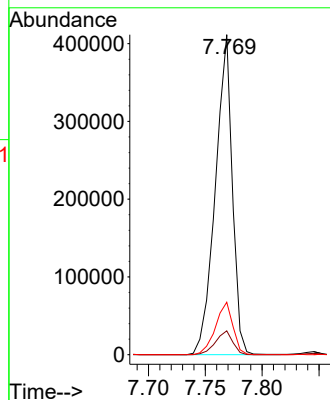
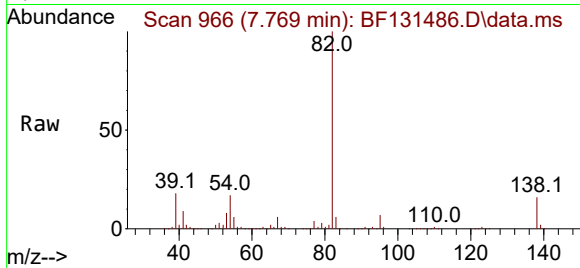




#25
Isophorone
Concen: 33.518 ng
RT: 7.769 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF131486.D
Acq: 01 Dec 2022 11:35

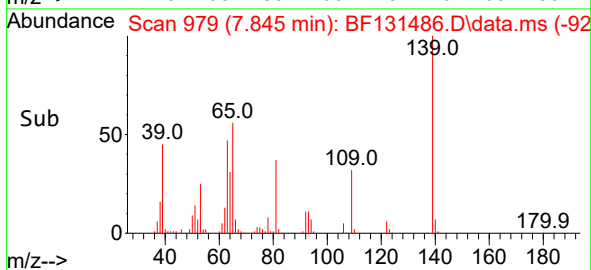
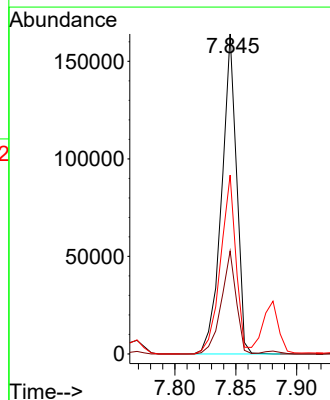
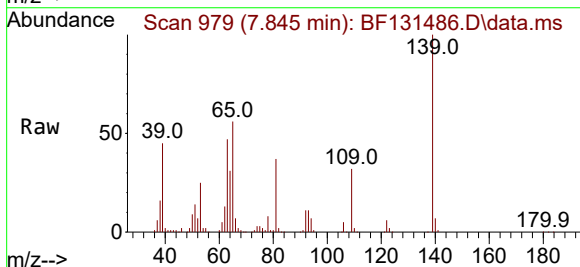
Instrument :
BNA_F
ClientSampleId :
PB149356BS

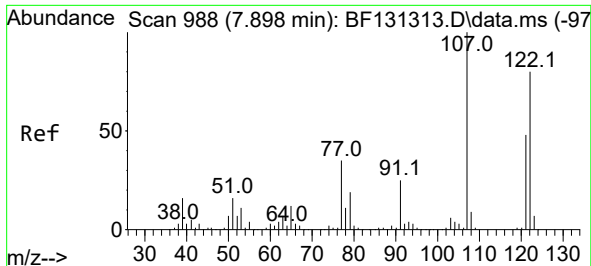
Tgt Ion: 82 Resp: 427770
Ion Ratio Lower Upper
82 100
95 7.5 6.2 9.2
138 16.4 12.7 19.1



#26
2-Nitrophenol
Concen: 56.230 ng
RT: 7.845 min Scan# 979
Delta R.T. -0.006 min
Lab File: BF131486.D
Acq: 01 Dec 2022 11:35

Tgt Ion: 139 Resp: 140139
Ion Ratio Lower Upper
139 100
109 32.1 29.9 44.9
65 55.9 55.7 83.5





#27

2,4-Dimethylphenol

Concen: 49.563 ng

RT: 7.881 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF131486.D

Acq: 01 Dec 2022 11:35

Instrument :

BNA_F

ClientSampleId :

PB149356BS

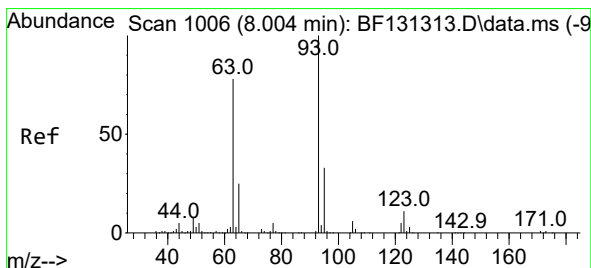
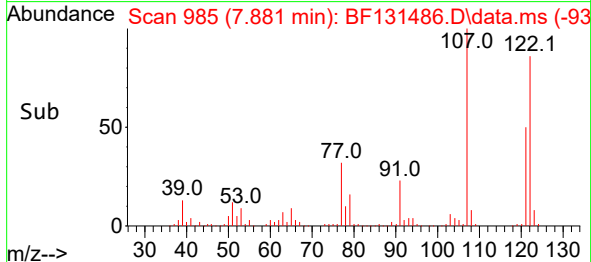
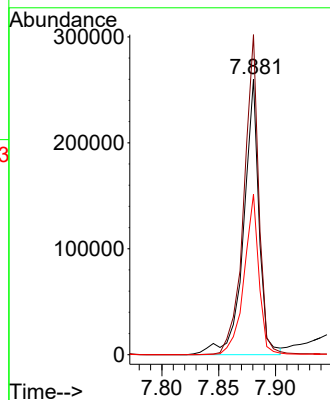
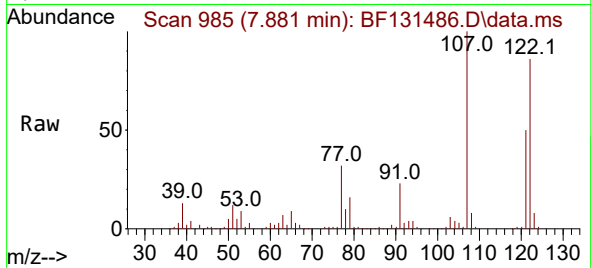
Tgt Ion:122 Resp: 245219

Ion Ratio Lower Upper

122 100

107 116.1 99.9 149.9

121 58.2 47.4 71.2



#28

bis(2-Chloroethoxy)methane

Concen: 42.073 ng

RT: 7.981 min Scan# 1002

Delta R.T. -0.006 min

Lab File: BF131486.D

Acq: 01 Dec 2022 11:35

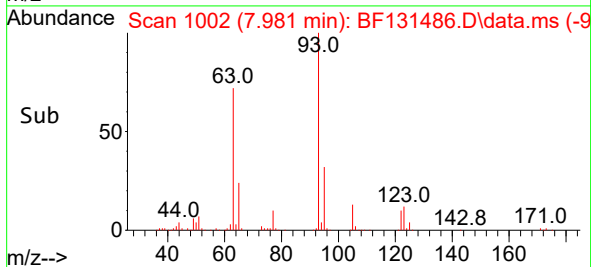
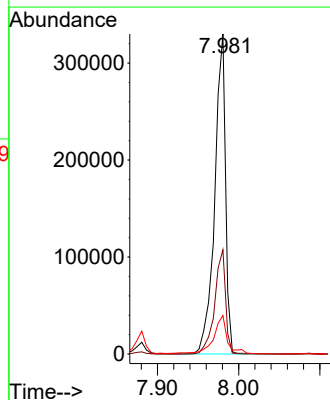
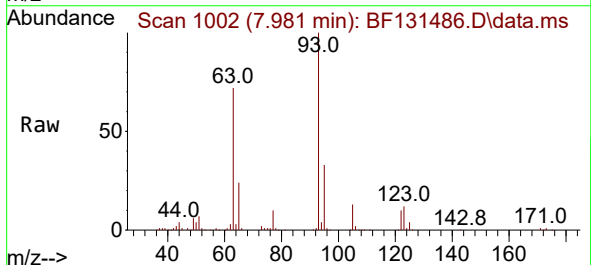
Tgt Ion: 93 Resp: 304980

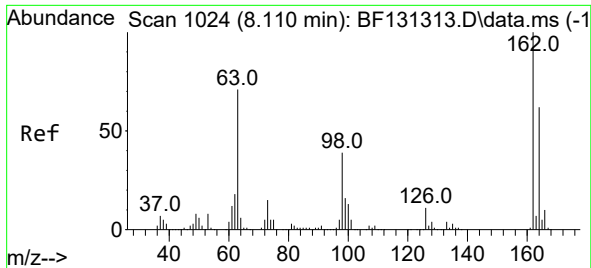
Ion Ratio Lower Upper

93 100

95 32.6 26.4 39.6

123 12.0 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 42.493 ng

RT: 8.086 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BF131486.D

Acq: 01 Dec 2022 11:35

Instrument :

BNA_F

ClientSampleId :

PB149356BS

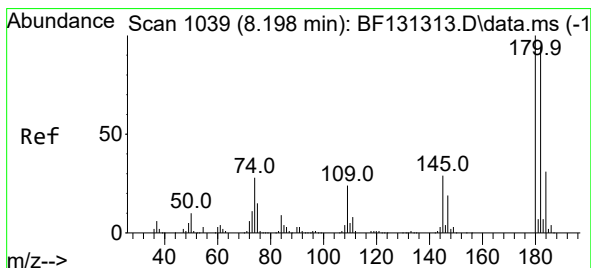
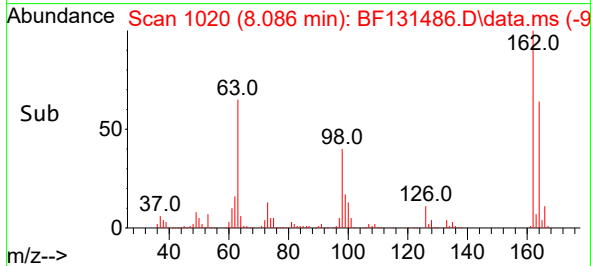
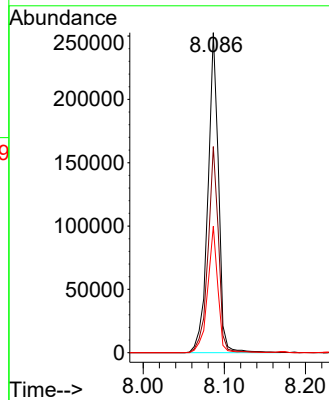
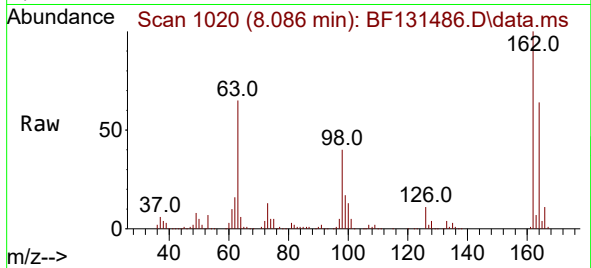
Tgt Ion:162 Resp: 228047

Ion Ratio Lower Upper

162 100

164 64.4 42.2 82.2

98 39.5 18.8 58.8



#30

1,2,4-Trichlorobenzene

Concen: 38.164 ng

RT: 8.169 min Scan# 1034

Delta R.T. -0.012 min

Lab File: BF131486.D

Acq: 01 Dec 2022 11:35

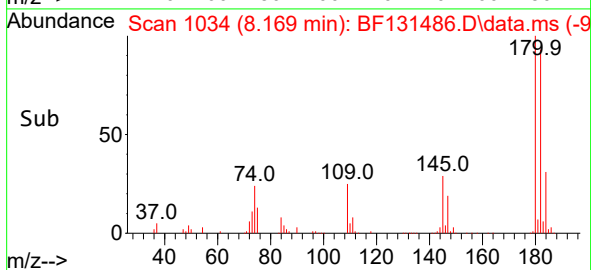
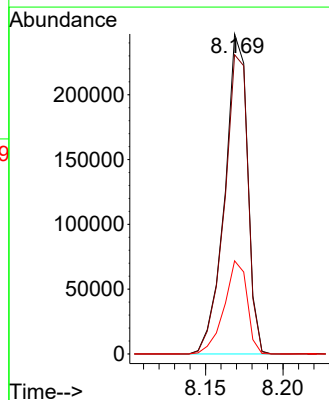
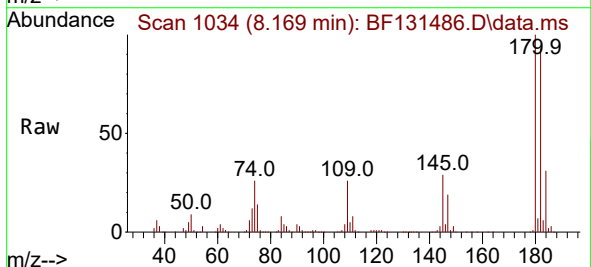
Tgt Ion:180 Resp: 253722

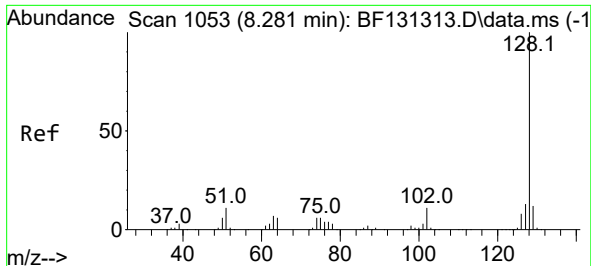
Ion Ratio Lower Upper

180 100

182 93.5 75.3 112.9

145 29.1 23.4 35.0





#31

Naphthalene

Concen: 39.176 ng

RT: 8.257 min Scan# 1049

Delta R.T. -0.006 min

Lab File: BF131486.D

Acq: 01 Dec 2022 11:35

Instrument :

BNA_F

ClientSampleId :

PB149356BS

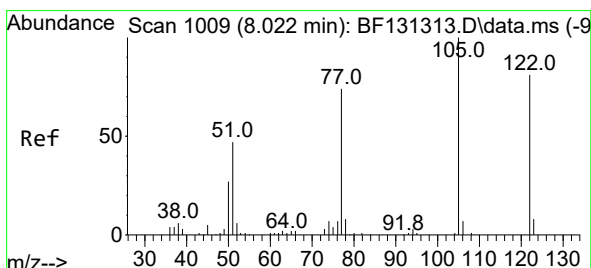
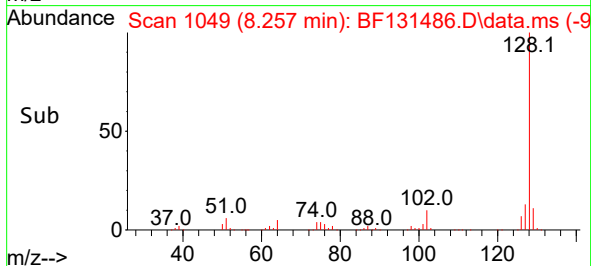
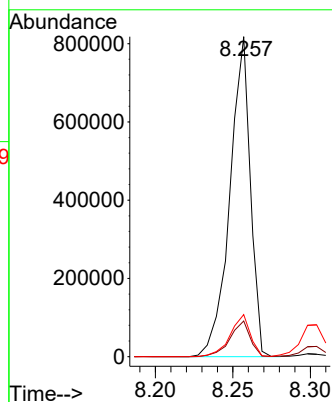
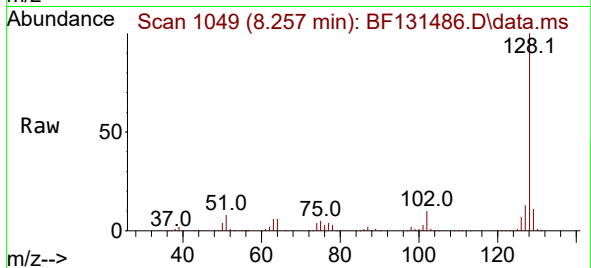
Tgt Ion:128 Resp: 752808

Ion Ratio Lower Upper

128 100

129 11.2 9.2 13.8

127 13.2 10.6 16.0



#32

Benzoic acid

Concen: 51.110 ng

RT: 8.004 min Scan# 1006

Delta R.T. 0.006 min

Lab File: BF131486.D

Acq: 01 Dec 2022 11:35

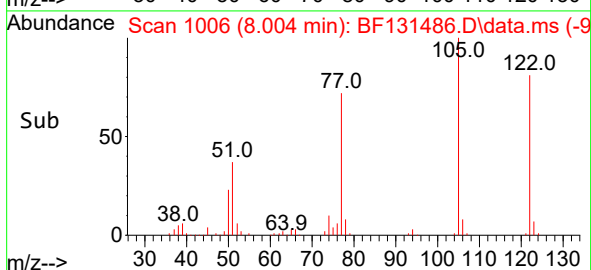
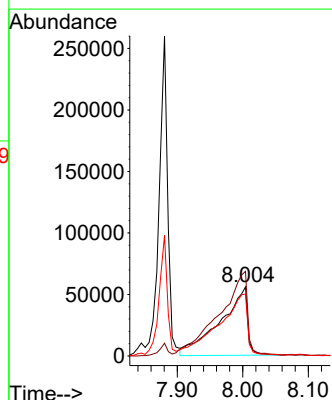
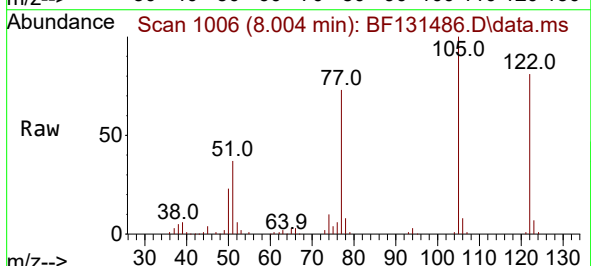
Tgt Ion:122 Resp: 161775

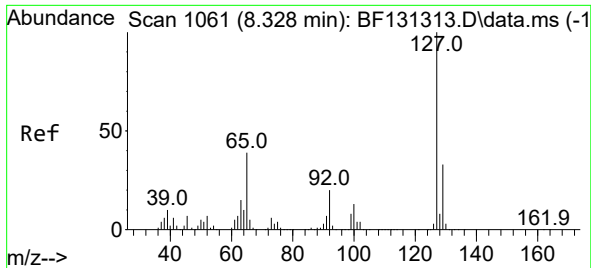
Ion Ratio Lower Upper

122 100

105 122.7 103.8 143.8

77 89.9 74.3 114.3

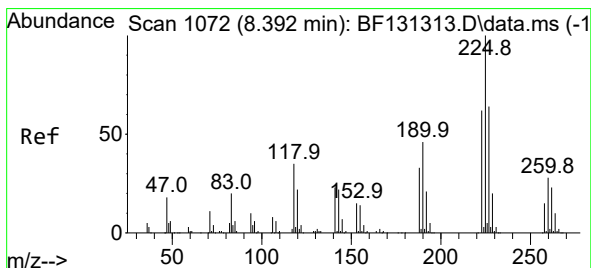
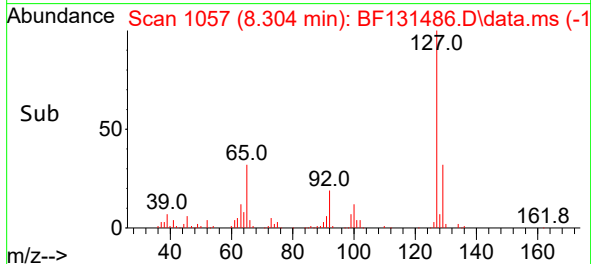
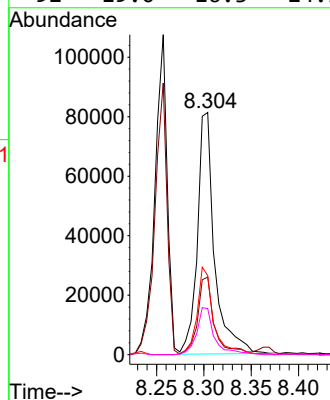
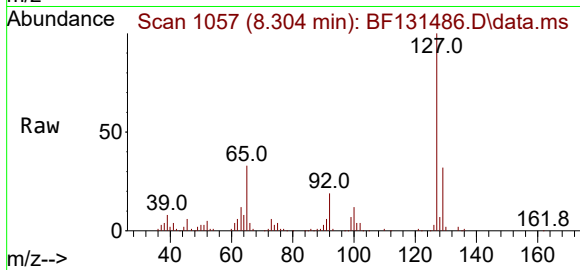




#33
4-Chloroaniline
Concen: 13.561 ng
RT: 8.304 min Scan# 1061
Delta R.T. -0.006 min
Lab File: BF131486.D
Acq: 01 Dec 2022 11:35

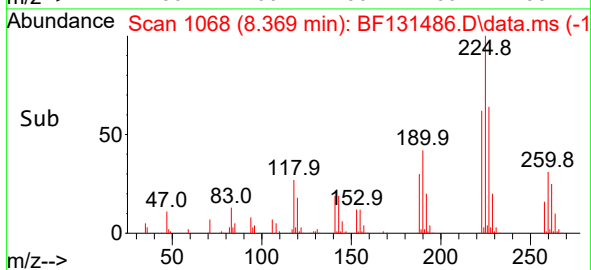
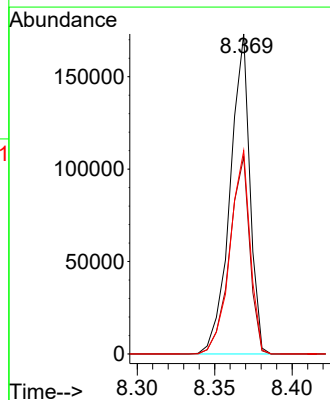
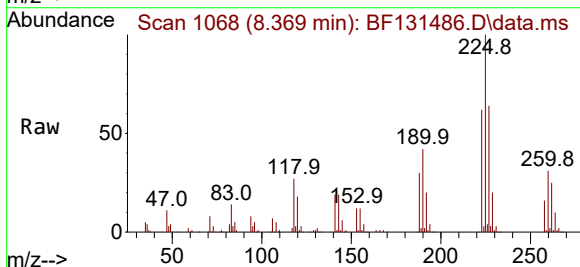
Instrument :
BNA_F
ClientSampleId :
PB149356BS

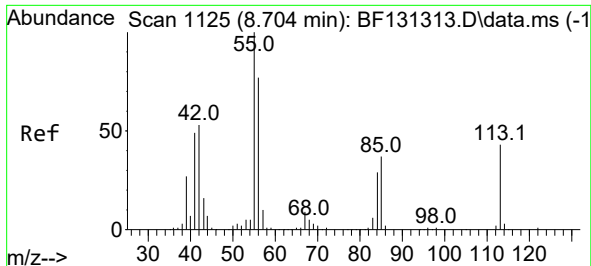
Tgt Ion:	127	Resp:	102803
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.4	39.6
65	32.6	31.0	46.6
92	19.0	16.3	24.5



#34
Hexachlorobutadiene
Concen: 35.715 ng
RT: 8.369 min Scan# 1068
Delta R.T. -0.006 min
Lab File: BF131486.D
Acq: 01 Dec 2022 11:35

Tgt Ion:	225	Resp:	153752
Ion	Ratio	Lower	Upper
225	100		
223	61.6	49.4	74.0
227	63.6	51.1	76.7

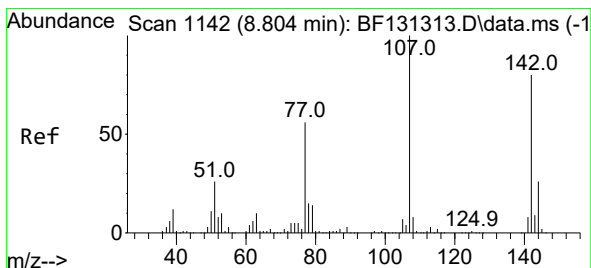
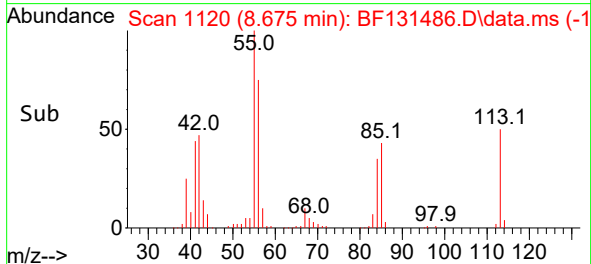
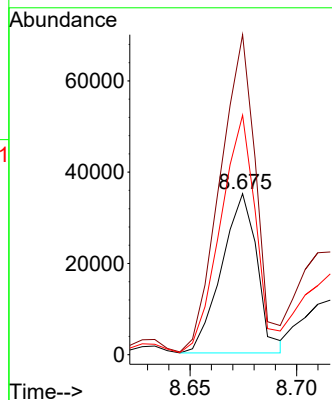
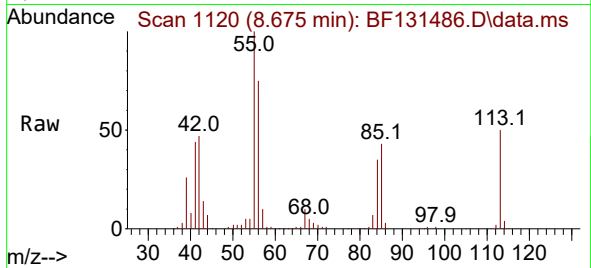




#35
 Caprolactam
 Concen: 28.785 ng
 RT: 8.675 min Scan# 1125
 Delta R.T. -0.012 min
 Lab File: BF131486.D
 Acq: 01 Dec 2022 11:35

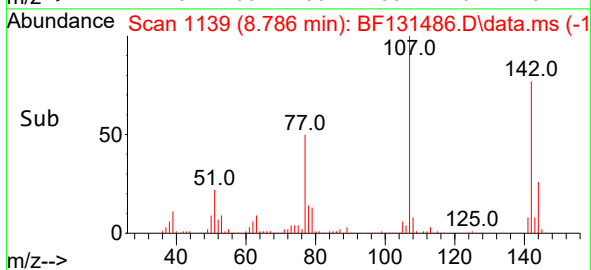
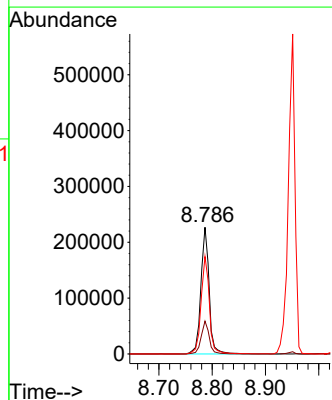
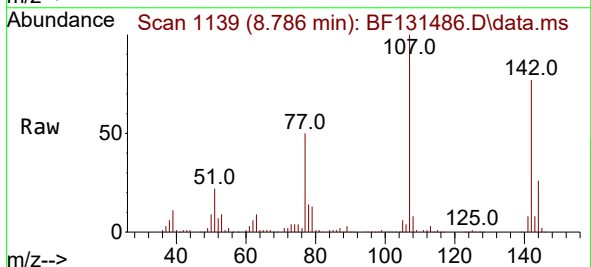
Instrument :
 BNA_F
 ClientSampleId :
 PB149356BS

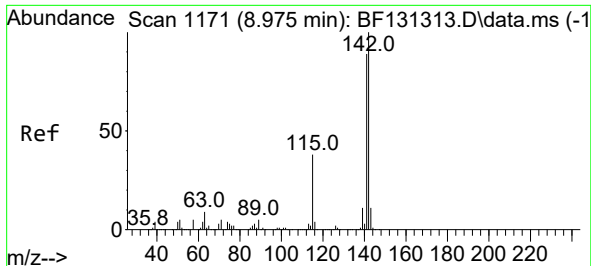
Tgt Ion:113 Resp: 40594
 Ion Ratio Lower Upper
 113 100
 55 198.8 214.5 254.5#
 56 148.8 159.4 199.4#



#36
 4-Chloro-3-methylphenol
 Concen: 43.938 ng
 RT: 8.786 min Scan# 1139
 Delta R.T. -0.000 min
 Lab File: BF131486.D
 Acq: 01 Dec 2022 11:35

Tgt Ion:107 Resp: 244984
 Ion Ratio Lower Upper
 107 100
 144 25.8 20.9 31.3
 142 76.9 63.9 95.9

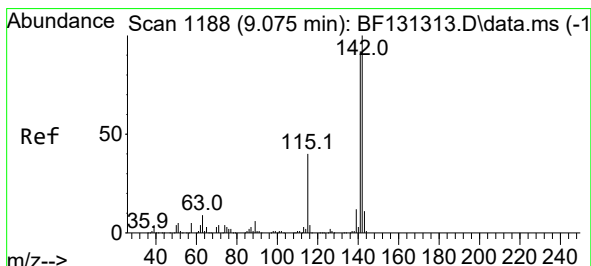
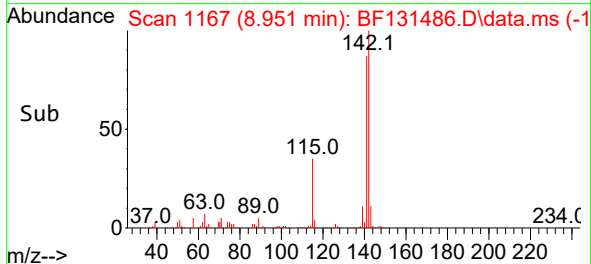
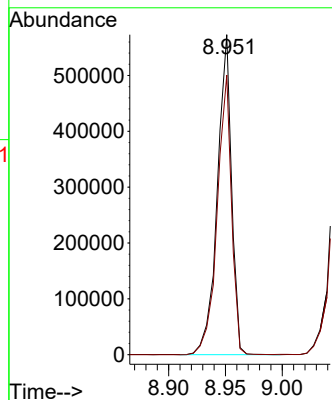
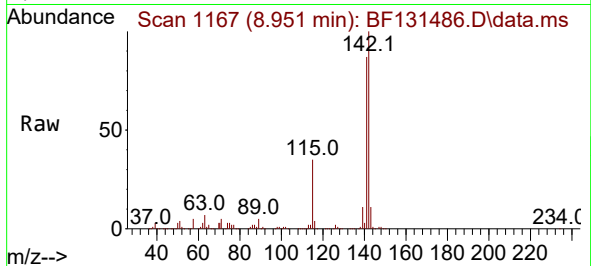




#37
2-Methylnaphthalene
Concen: 38.427 ng
RT: 8.951 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF131486.D
Acq: 01 Dec 2022 11:35

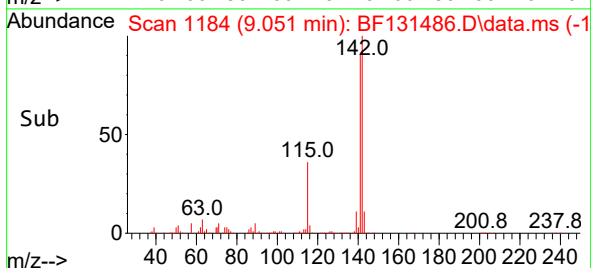
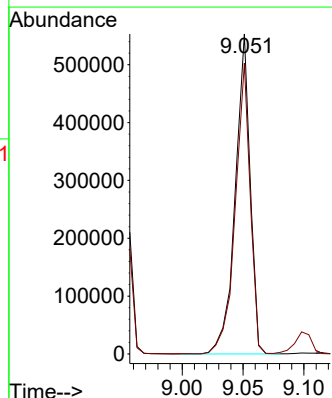
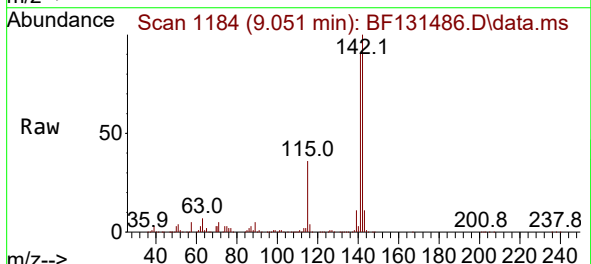
Instrument :
BNA_F
ClientSampleId :
PB149356BS

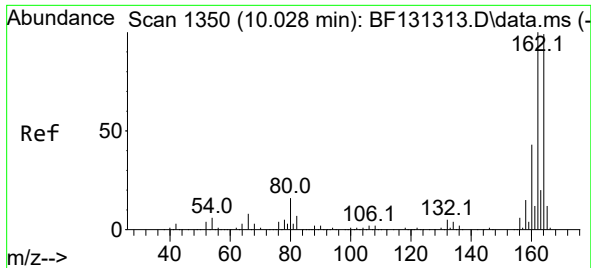
Tgt Ion:142 Resp: 500324
Ion Ratio Lower Upper
142 100
141 87.4 71.0 106.4



#38
1-Methylnaphthalene
Concen: 37.343 ng
RT: 9.051 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF131486.D
Acq: 01 Dec 2022 11:35

Tgt Ion:142 Resp: 471471
Ion Ratio Lower Upper
142 100
141 90.9 73.4 110.0

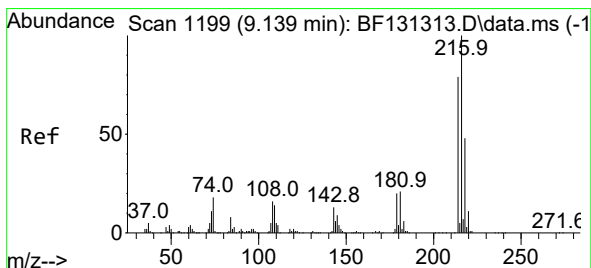
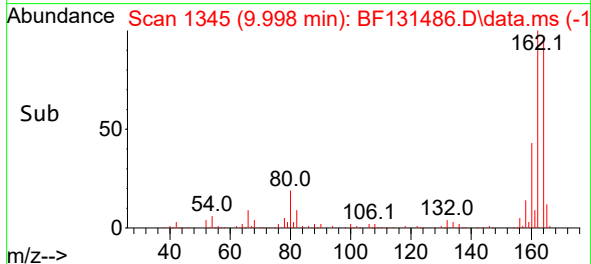
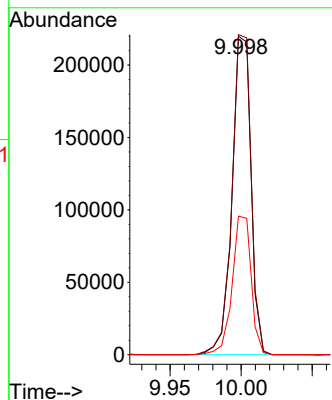
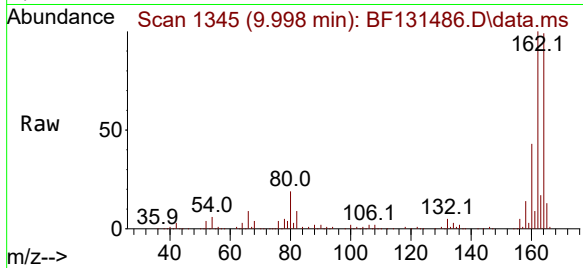




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF131486.D
Acq: 01 Dec 2022 11:35

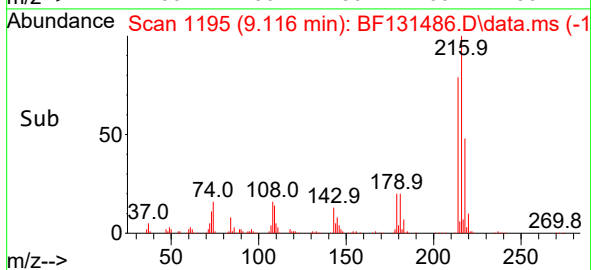
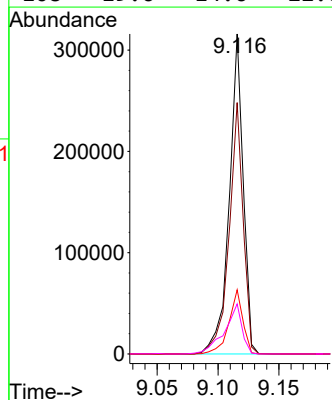
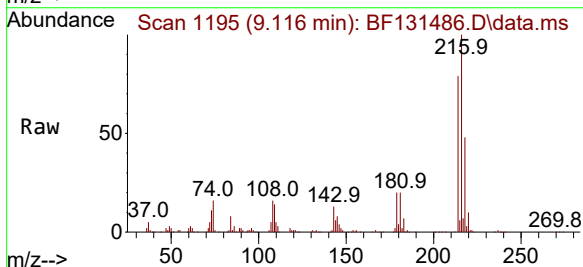
Instrument :
BNA_F
ClientSampleId :
PB149356BS

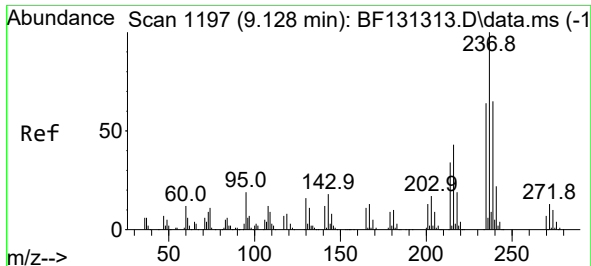
Tgt Ion:164 Resp: 203380
Ion Ratio Lower Upper
164 100
162 100.5 80.6 120.8
160 43.5 34.4 51.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.117 ng
RT: 9.116 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF131486.D
Acq: 01 Dec 2022 11:35

Tgt Ion:216 Resp: 251567
Ion Ratio Lower Upper
216 100
214 79.2 63.1 94.7
179 20.2 16.2 24.4
108 19.6 14.6 22.0

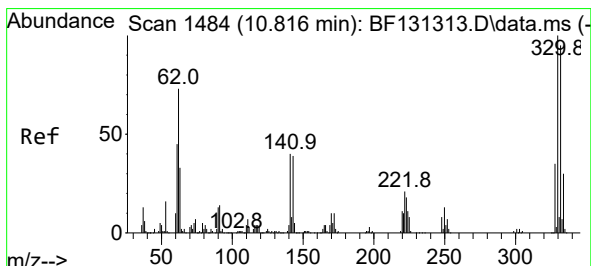
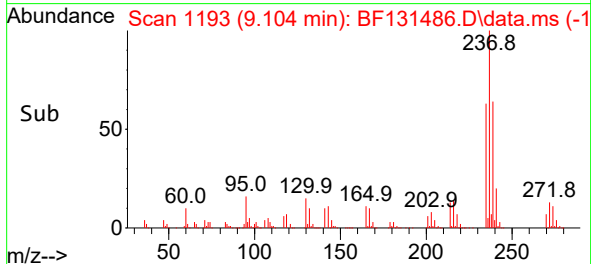
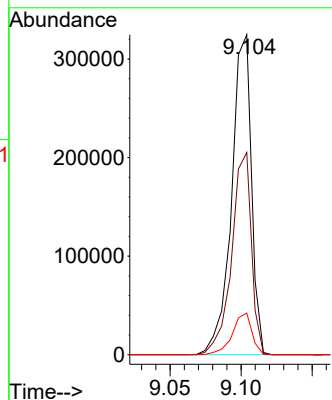
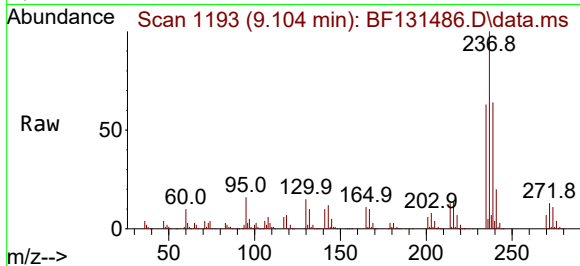




#41
Hexachlorocyclopentadiene
Concen: 106.814 ng
RT: 9.104 min Scan# 1193
Delta R.T. -0.000 min
Lab File: BF131486.D
Acq: 01 Dec 2022 11:35

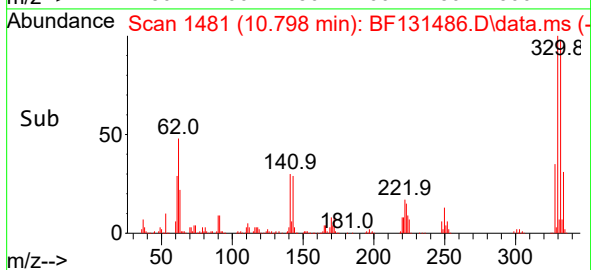
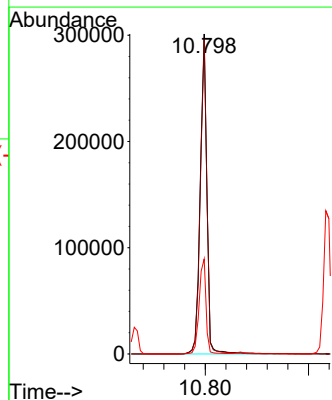
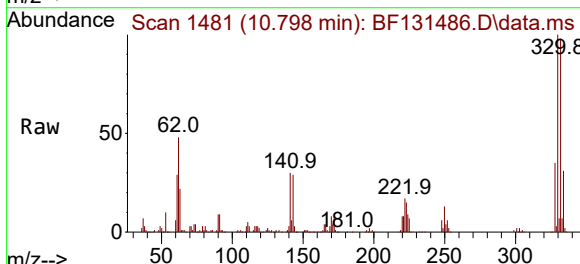
Instrument :
BNA_F
ClientSampleId :
PB149356BS

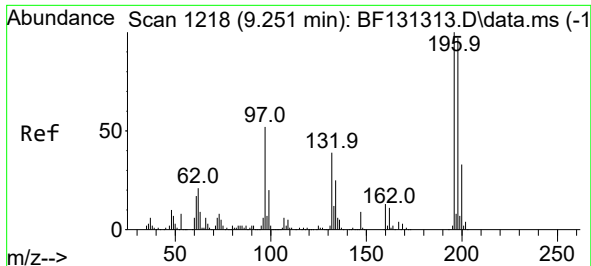
Tgt Ion:237 Resp: 316914
Ion Ratio Lower Upper
237 100
235 63.2 44.2 84.2
272 13.0 0.0 33.4



#42
2,4,6-Tribromophenol
Concen: 157.644 ng
RT: 10.798 min Scan# 1481
Delta R.T. -0.000 min
Lab File: BF131486.D
Acq: 01 Dec 2022 11:35

Tgt Ion:330 Resp: 269737
Ion Ratio Lower Upper
330 100
332 97.0 77.5 116.3
141 30.7 29.3 43.9





#43

2,4,6-Trichlorophenol

Concen: 45.234 ng

RT: 9.227 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131486.D

Acq: 01 Dec 2022 11:35

Instrument :

BNA_F

ClientSampleId :

PB149356BS

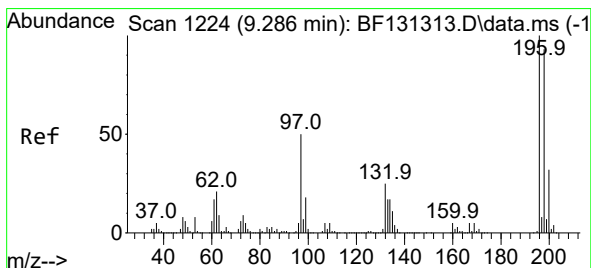
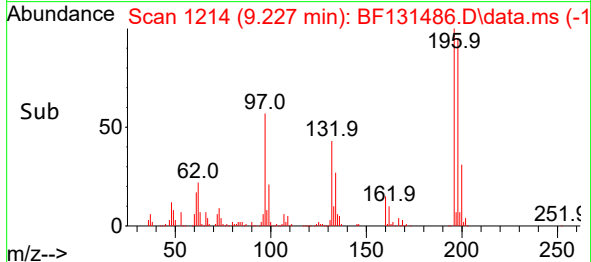
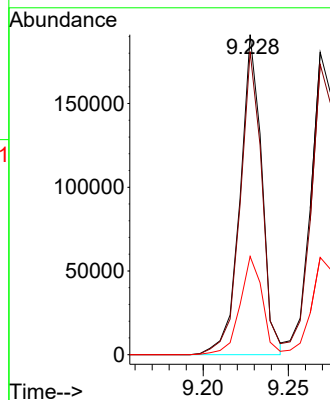
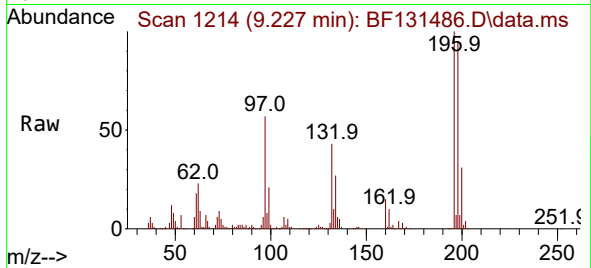
Tgt Ion:196 Resp: 169359

Ion Ratio Lower Upper

196 100

198 94.7 77.4 116.0

200 30.7 26.3 39.5



#44

2,4,5-Trichlorophenol

Concen: 44.484 ng

RT: 9.269 min Scan# 1221

Delta R.T. -0.000 min

Lab File: BF131486.D

Acq: 01 Dec 2022 11:35

Tgt Ion:196 Resp: 187284

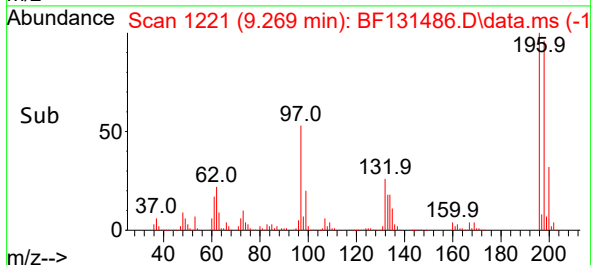
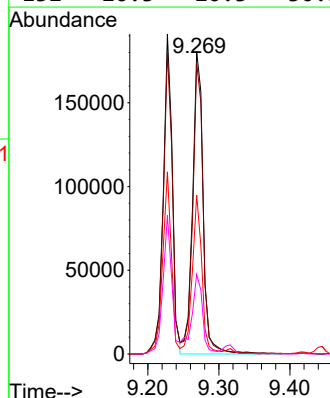
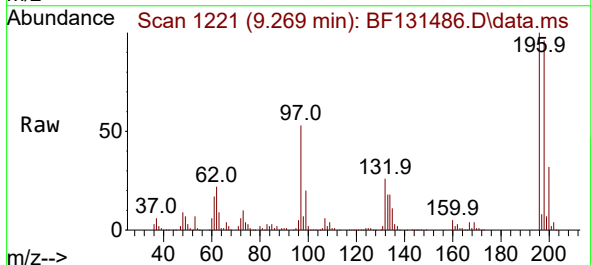
Ion Ratio Lower Upper

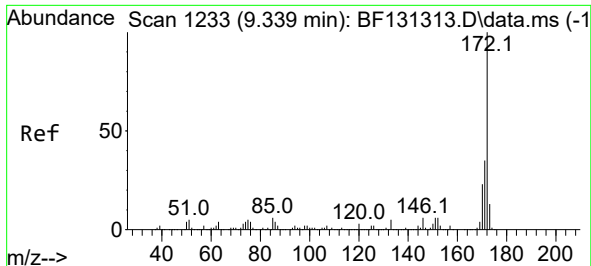
196 100

198 96.0 75.0 112.4

97 52.5 40.3 60.5

132 26.3 20.3 30.5

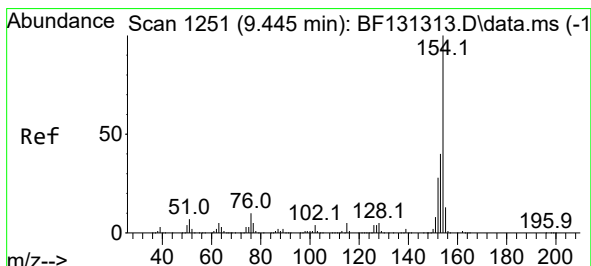
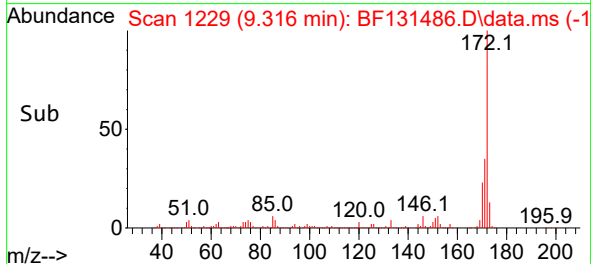
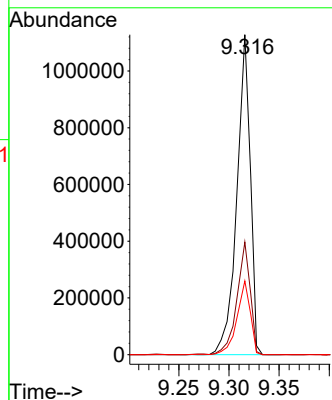
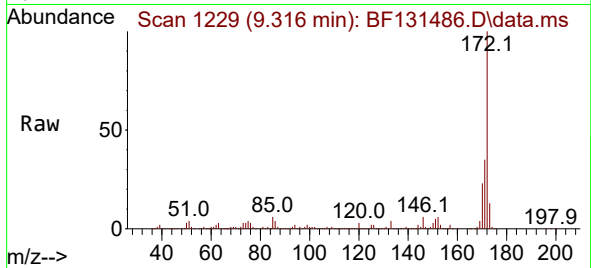




#45
2-Fluorobiphenyl
Concen: 75.209 ng
RT: 9.316 min Scan# 1229
Delta R.T. -0.006 min
Lab File: BF131486.D
Acq: 01 Dec 2022 11:35

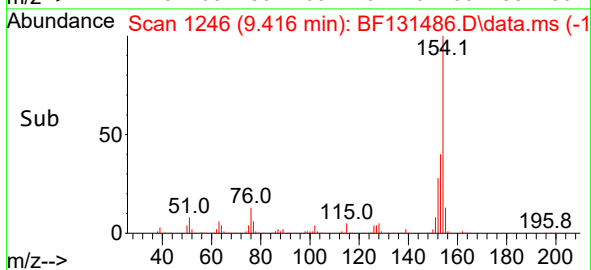
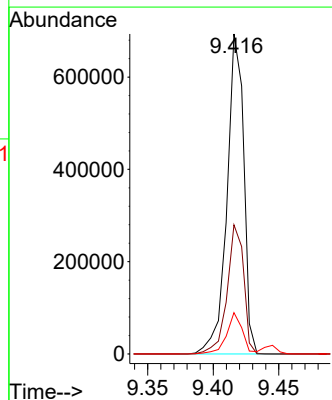
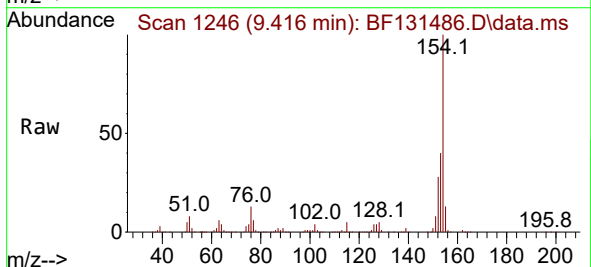
Instrument :
BNA_F
ClientSampleId :
PB149356BS

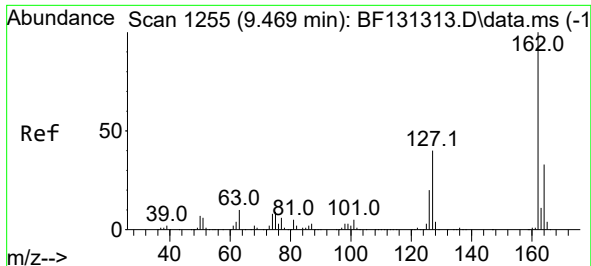
Tgt Ion:172 Resp: 1051408
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.2
170 23.0 18.7 28.1



#46
1,1'-Biphenyl
Concen: 39.766 ng
RT: 9.416 min Scan# 1246
Delta R.T. -0.006 min
Lab File: BF131486.D
Acq: 01 Dec 2022 11:35

Tgt Ion:154 Resp: 617184
Ion Ratio Lower Upper
154 100
153 40.3 19.8 59.8
76 12.9 0.0 30.2





#47

2-Chloronaphthalene

Concen: 38.931 ng

RT: 9.445 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131486.D

Acq: 01 Dec 2022 11:35

Instrument :

BNA_F

ClientSampleId :

PB149356BS

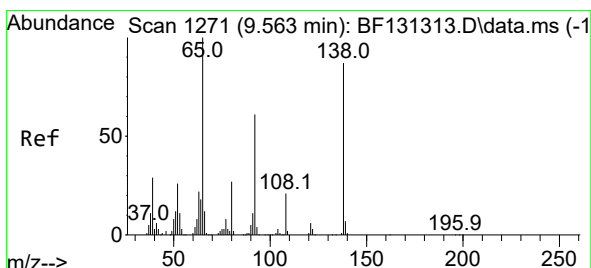
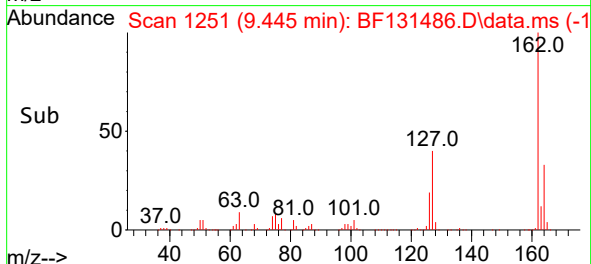
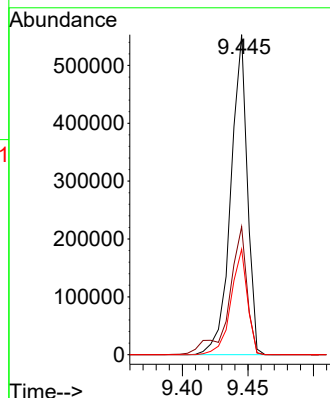
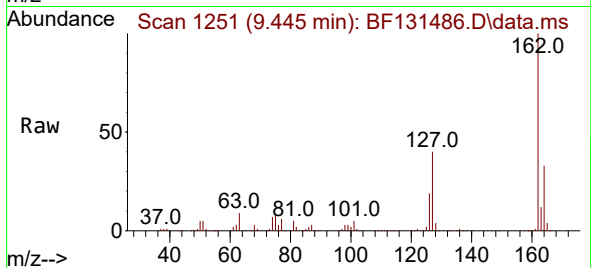
Tgt Ion:162 Resp: 484701

Ion Ratio Lower Upper

162 100

127 40.0 32.1 48.1

164 33.0 26.6 39.8



#48

2-Nitroaniline

Concen: 44.760 ng

RT: 9.539 min Scan# 1267

Delta R.T. -0.006 min

Lab File: BF131486.D

Acq: 01 Dec 2022 11:35

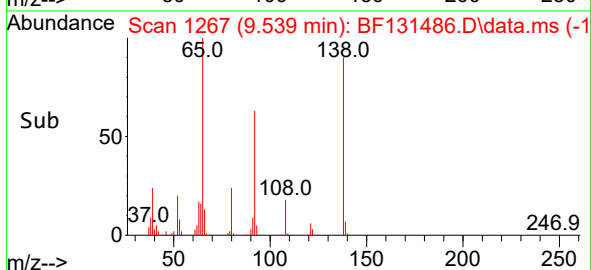
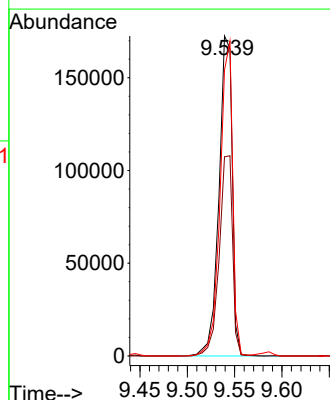
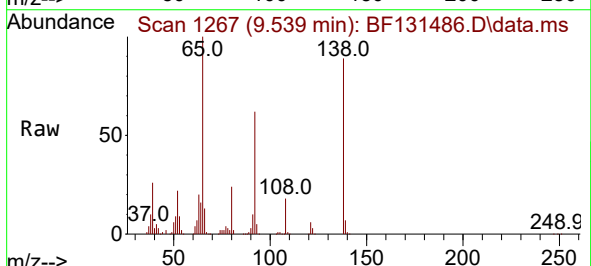
Tgt Ion: 65 Resp: 169205

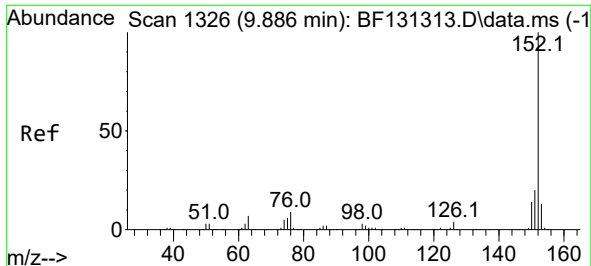
Ion Ratio Lower Upper

65 100

92 62.2 49.0 73.4

138 89.4 69.4 104.2

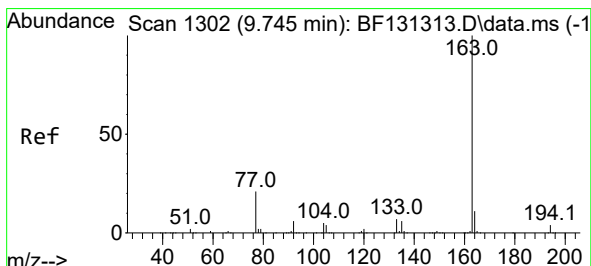
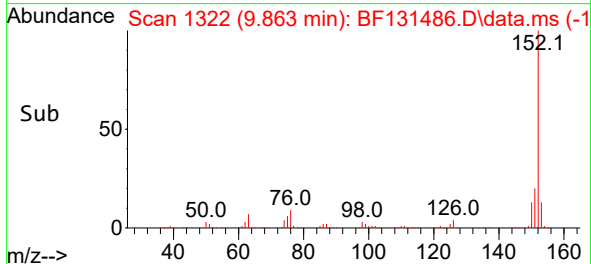
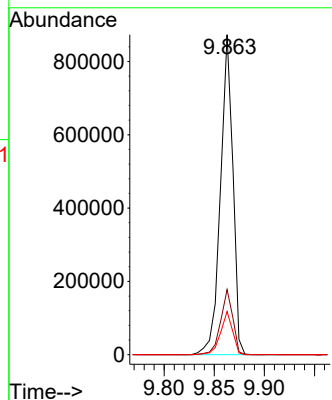
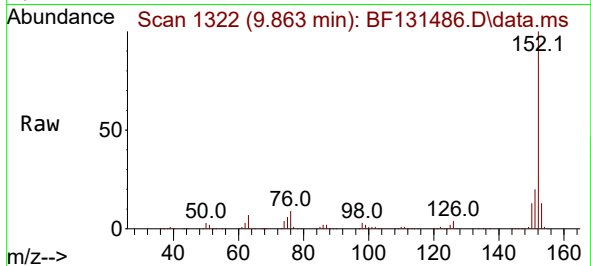




#49
Acenaphthylene
Concen: 39.499 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131486.D
Acq: 01 Dec 2022 11:35

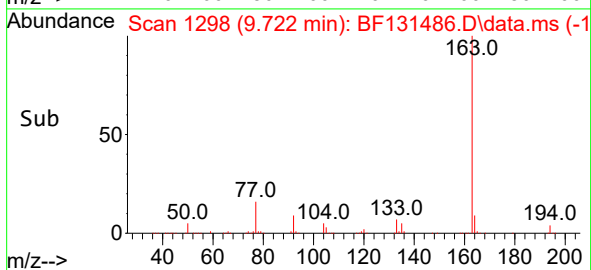
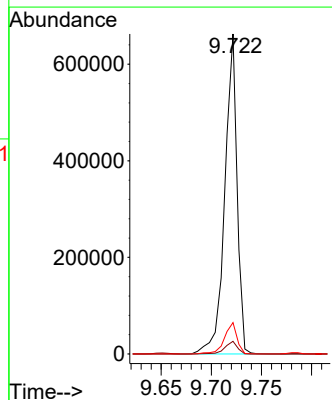
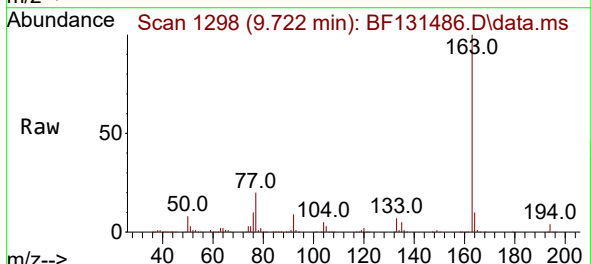
Instrument :
BNA_F
ClientSampleId :
PB149356BS

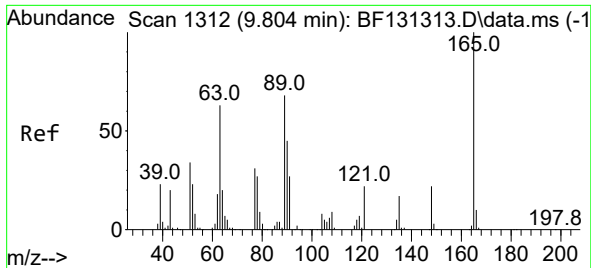
Tgt Ion:152 Resp: 749667
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 13.5 10.6 15.8



#50
Dimethylphthalate
Concen: 39.735 ng
RT: 9.722 min Scan# 1298
Delta R.T. -0.000 min
Lab File: BF131486.D
Acq: 01 Dec 2022 11:35

Tgt Ion:163 Resp: 563058
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 9.8 8.5 12.7

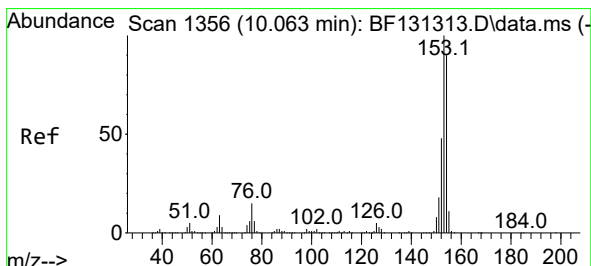
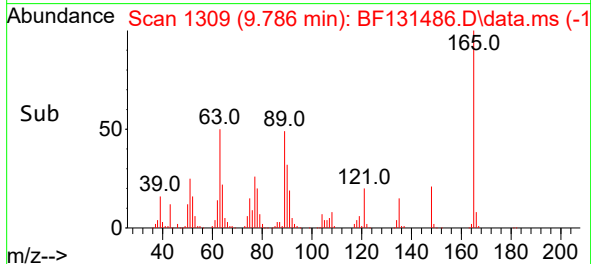
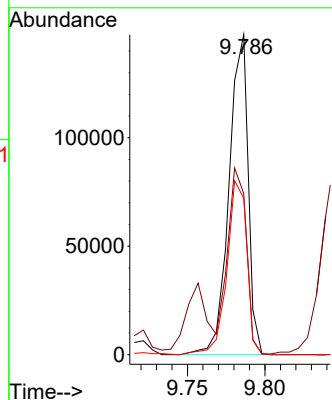
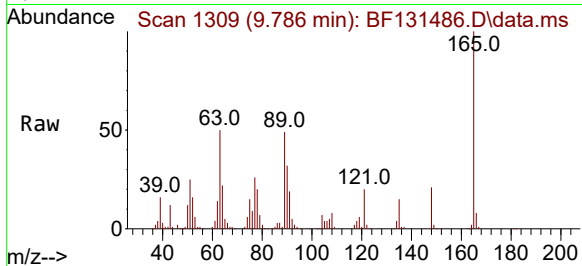




#51
2,6-Dinitrotoluene
Concen: 44.783 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131486.D
Acq: 01 Dec 2022 11:35

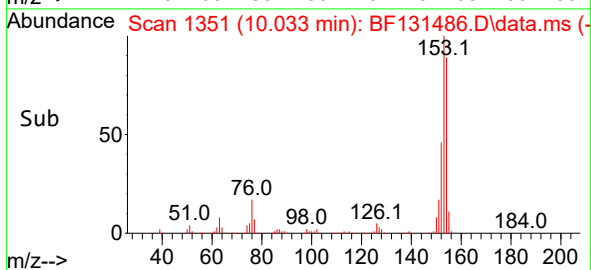
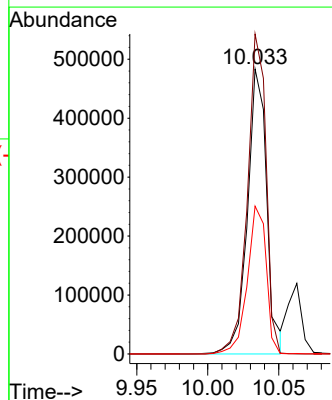
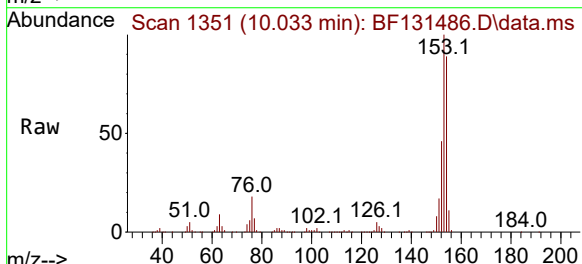
Instrument :
BNA_F
ClientSampleId :
PB149356BS

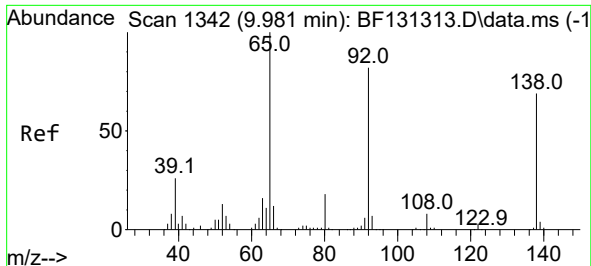
Tgt Ion:165 Resp: 126907
Ion Ratio Lower Upper
165 100
63 50.4 62.0 93.0#
89 48.9 54.4 81.6#



#52
Acenaphthene
Concen: 38.399 ng
RT: 10.033 min Scan# 1351
Delta R.T. -0.006 min
Lab File: BF131486.D
Acq: 01 Dec 2022 11:35

Tgt Ion:154 Resp: 456352
Ion Ratio Lower Upper
154 100
153 112.3 88.4 132.6
152 51.9 42.8 64.2

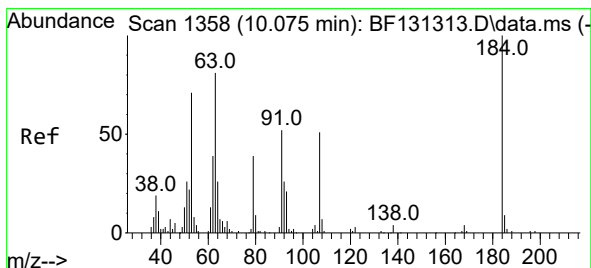
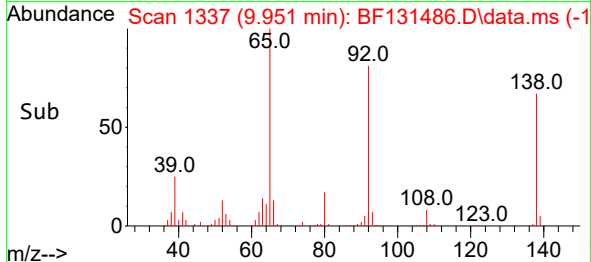
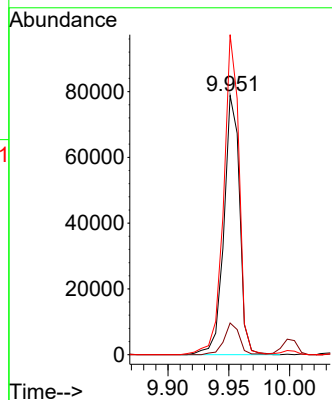
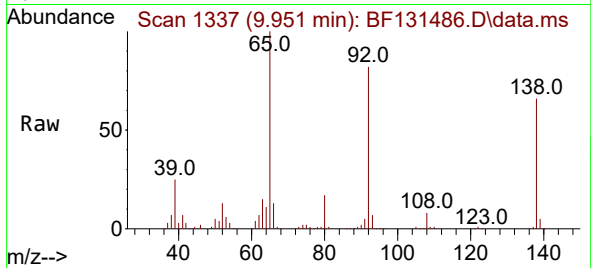




#53
3-Nitroaniline
Concen: 24.258 ng
RT: 9.951 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131486.D
Acq: 01 Dec 2022 11:35

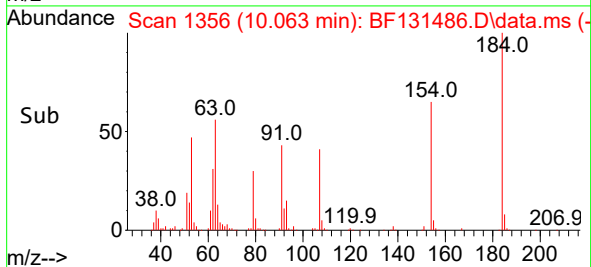
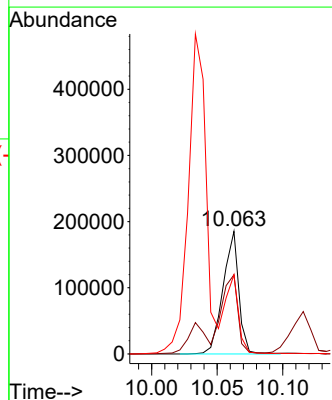
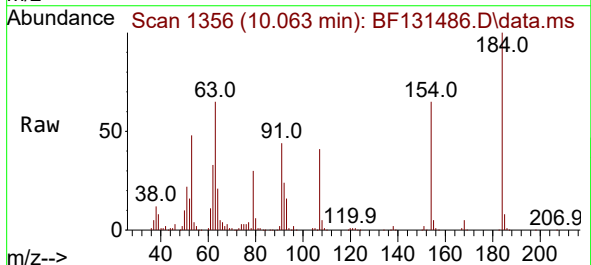
Instrument :
BNA_F
ClientSampleId :
PB149356BS

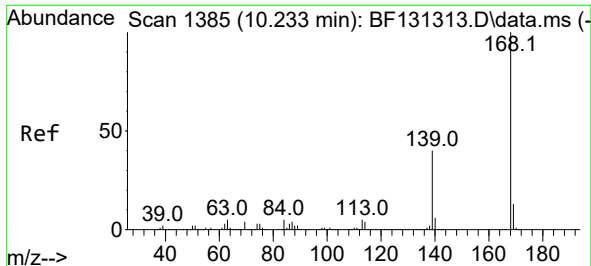
Tgt Ion:138 Resp: 70637
Ion Ratio Lower Upper
138 100
108 12.2 8.9 13.3
92 123.4 95.3 142.9



#54
2,4-Dinitrophenol
Concen: 105.099 ng
RT: 10.063 min Scan# 1356
Delta R.T. -0.000 min
Lab File: BF131486.D
Acq: 01 Dec 2022 11:35

Tgt Ion:184 Resp: 155089
Ion Ratio Lower Upper
184 100
63 64.5 72.1 108.1#
154 64.6 56.3 84.5

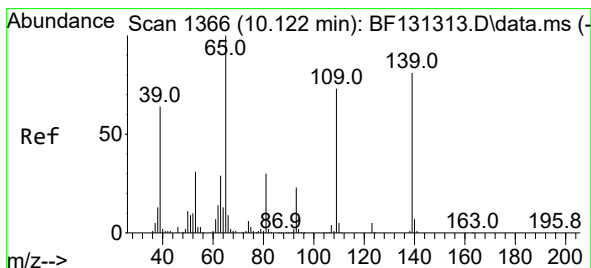
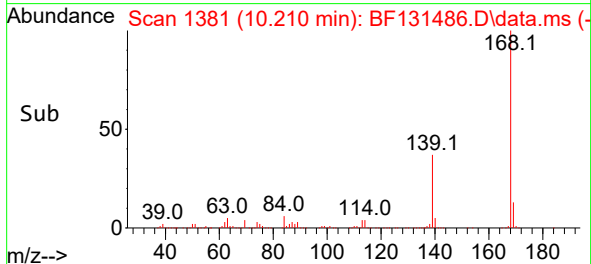
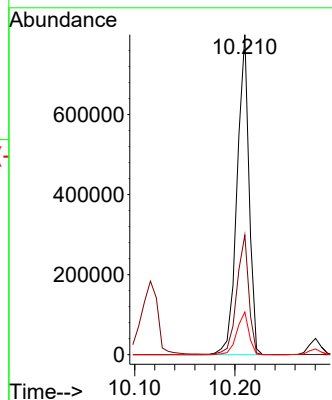
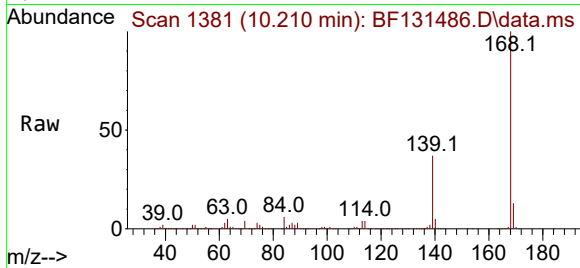




#55
Dibenzenofuran
Concen: 38.886 ng
RT: 10.210 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131486.D
Acq: 01 Dec 2022 11:35

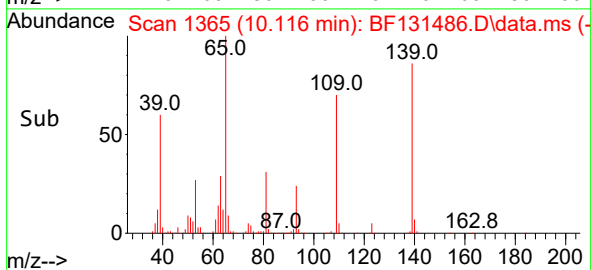
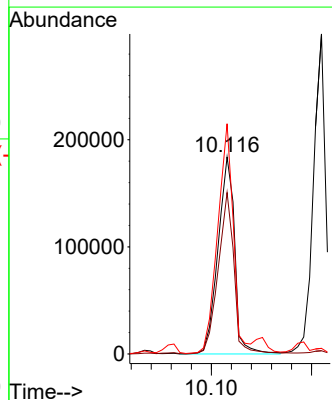
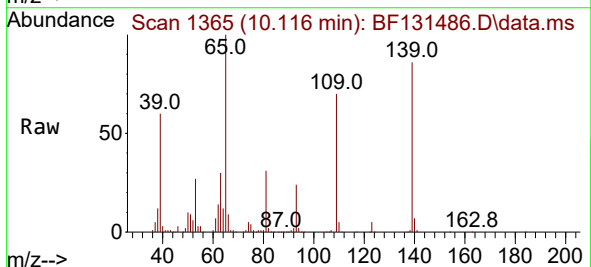
Instrument :
BNA_F
ClientSampleId :
PB149356BS

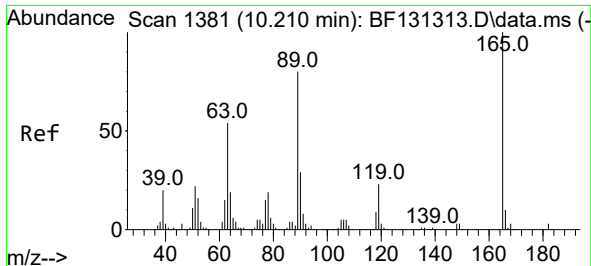
Tgt Ion:168 Resp: 664865
Ion Ratio Lower Upper
168 100
139 37.4 31.7 47.5
169 13.4 10.6 15.8



#56
4-Nitrophenol
Concen: 104.868 ng
RT: 10.116 min Scan# 1365
Delta R.T. 0.006 min
Lab File: BF131486.D
Acq: 01 Dec 2022 11:35

Tgt Ion:139 Resp: 211932
Ion Ratio Lower Upper
139 100
109 81.9 69.6 109.6
65 116.9 103.4 143.4

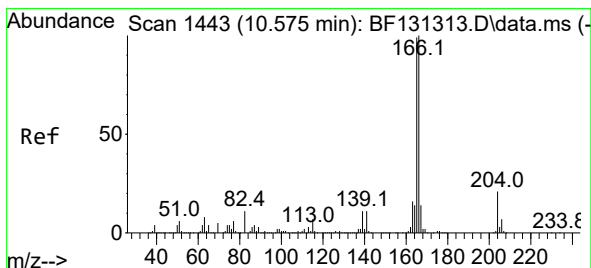
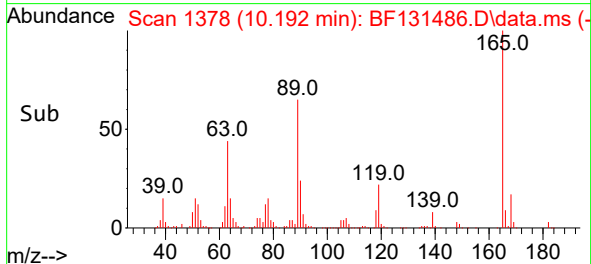
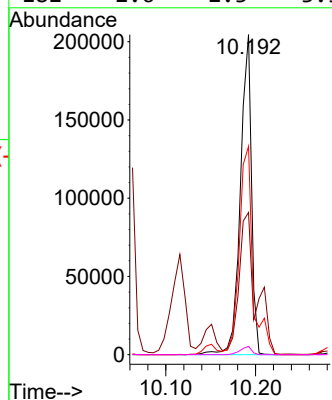
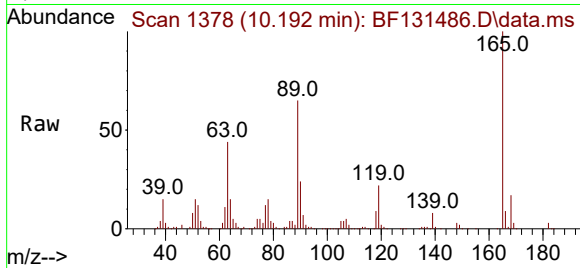




#57
2,4-Dinitrotoluene
Concen: 49.223 ng
RT: 10.192 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF131486.D
Acq: 01 Dec 2022 11:35

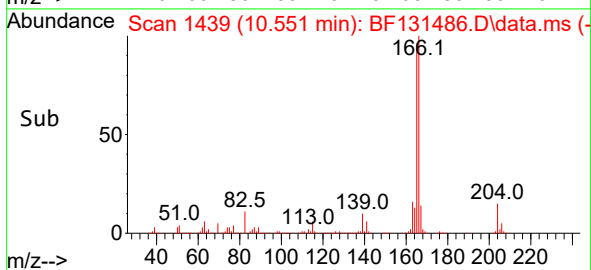
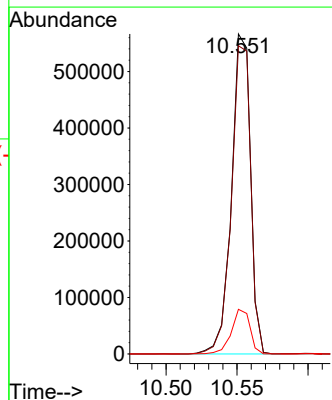
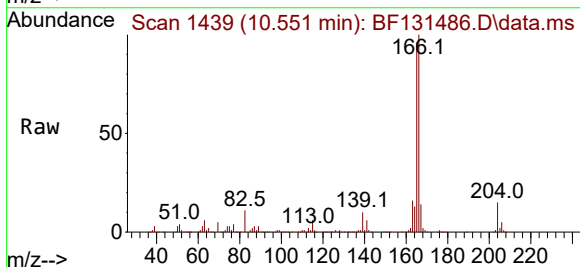
Instrument :
BNA_F
ClientSampleId :
PB149356BS

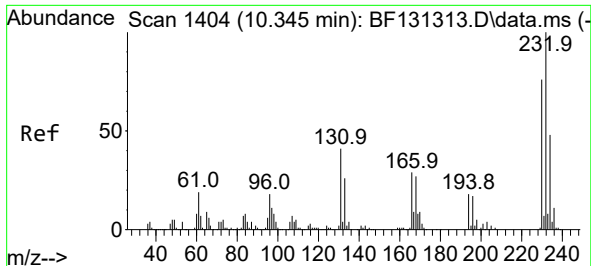
Tgt Ion:165 Resp: 175508
Ion Ratio Lower Upper
165 100
63 44.5 43.4 65.2
89 65.1 64.0 96.0
182 2.6 2.3 3.5



#58
Fluorene
Concen: 39.698 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.006 min
Lab File: BF131486.D
Acq: 01 Dec 2022 11:35

Tgt Ion:166 Resp: 529729
Ion Ratio Lower Upper
166 100
165 96.3 79.0 118.4
167 14.0 10.9 16.3

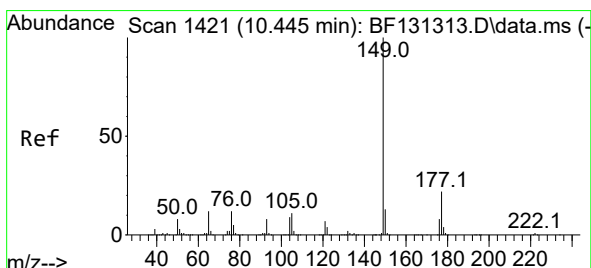
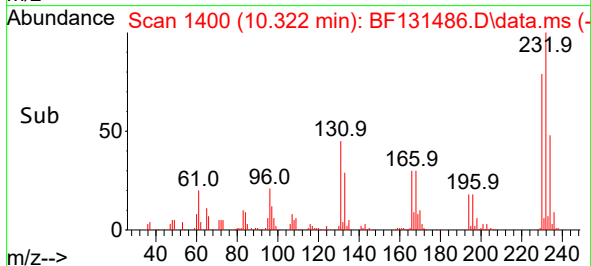
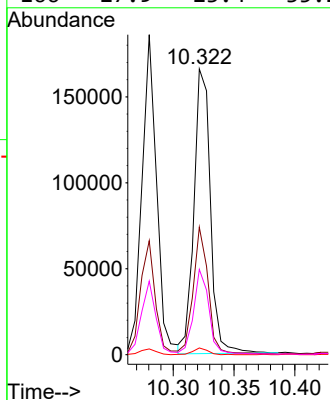
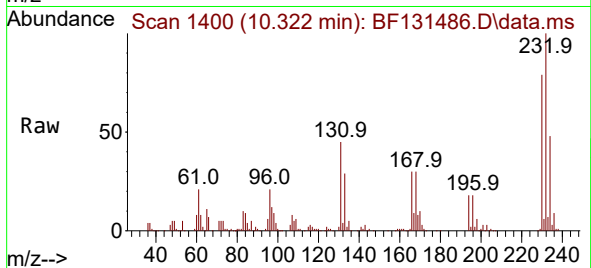




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.501 ng
RT: 10.322 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF131486.D
Acq: 01 Dec 2022 11:35

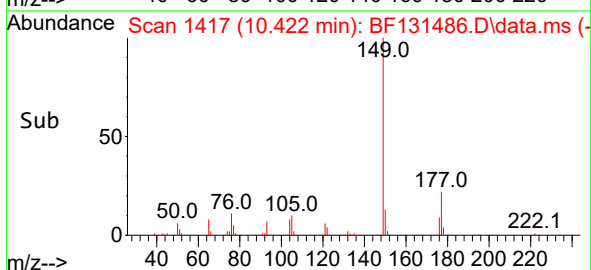
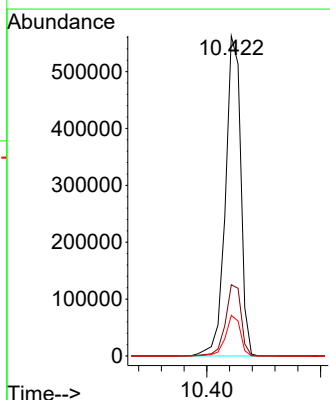
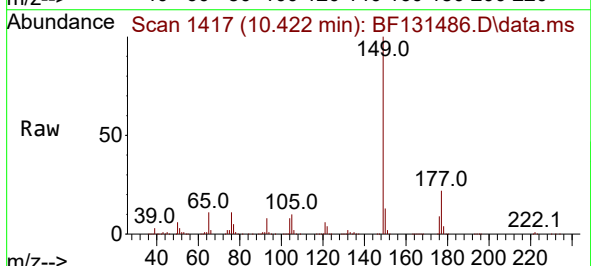
Instrument :
BNA_F
ClientSampleId :
PB149356BS

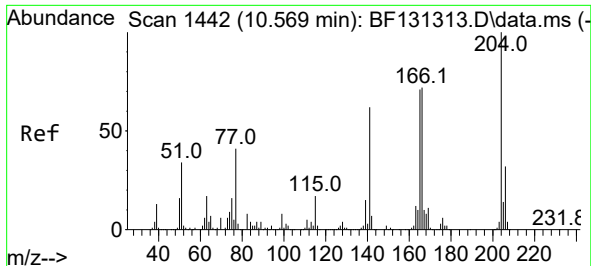
Tgt Ion:232 Resp: 156030
Ion Ratio Lower Upper
232 100
131 41.8 35.2 52.8
130 2.2 1.8 2.8
166 27.9 23.4 35.2



#60
Diethylphthalate
Concen: 39.398 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF131486.D
Acq: 01 Dec 2022 11:35

Tgt Ion:149 Resp: 527149
Ion Ratio Lower Upper
149 100
177 22.2 17.6 26.4
150 12.7 10.2 15.4

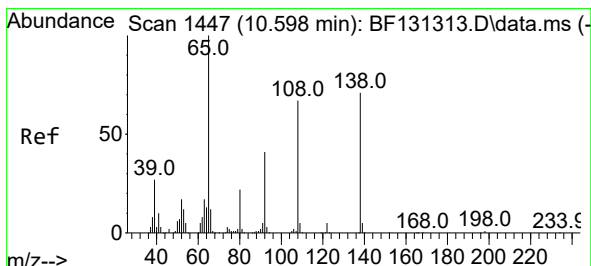
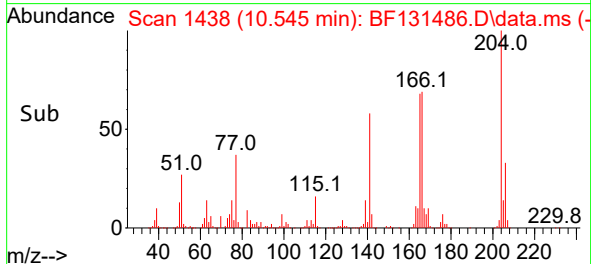
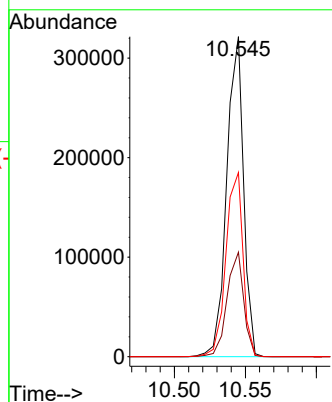
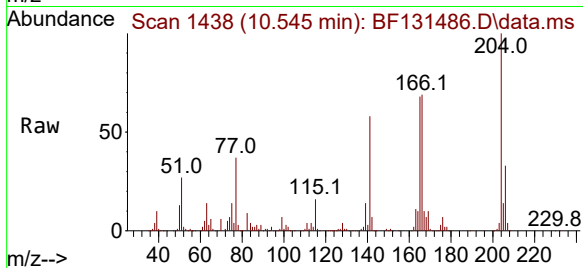




#61
4-Chlorophenyl-phenylether
Concen: 38.674 ng
RT: 10.545 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BF131486.D
Acq: 01 Dec 2022 11:35

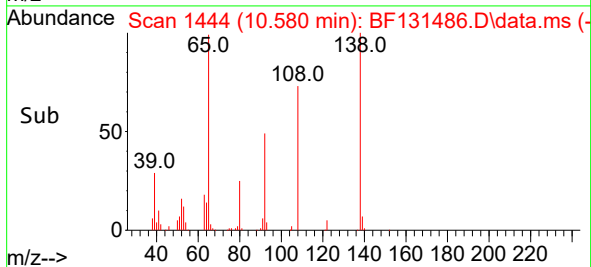
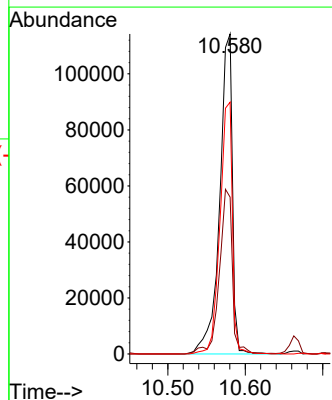
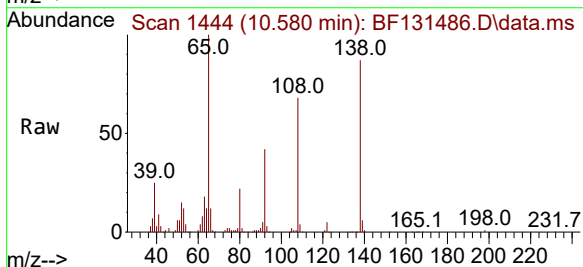
Instrument :
BNA_F
ClientSampleId :
PB149356BS

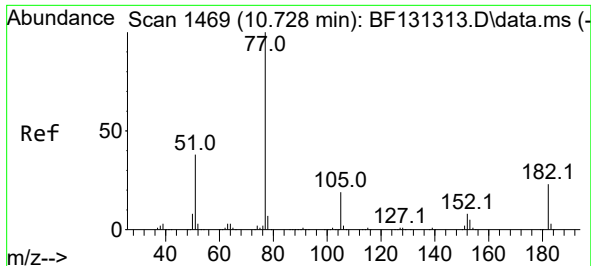
Tgt Ion:204 Resp: 264555
Ion Ratio Lower Upper
204 100
206 32.7 25.7 38.5
141 57.5 49.2 73.8



#62
4-Nitroaniline
Concen: 45.039 ng
RT: 10.580 min Scan# 1444
Delta R.T. -0.000 min
Lab File: BF131486.D
Acq: 01 Dec 2022 11:35

Tgt Ion:138 Resp: 130524
Ion Ratio Lower Upper
138 100
92 49.0 37.0 77.0
108 78.7 74.0 114.0

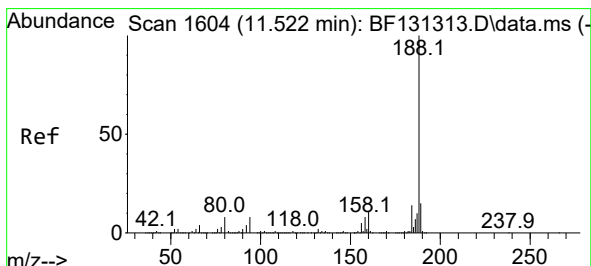
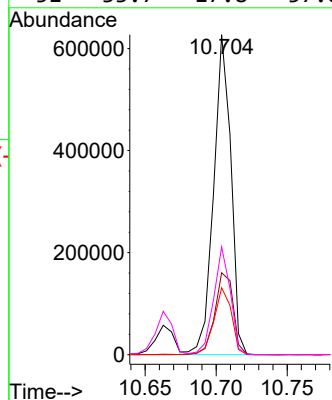
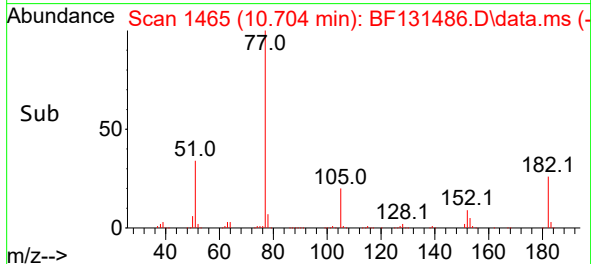
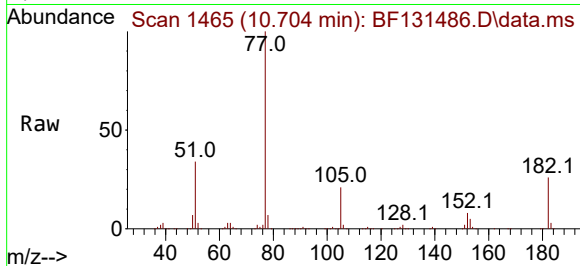




#63
Azobenzene
Concen: 36.791 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF131486.D
Acq: 01 Dec 2022 11:35

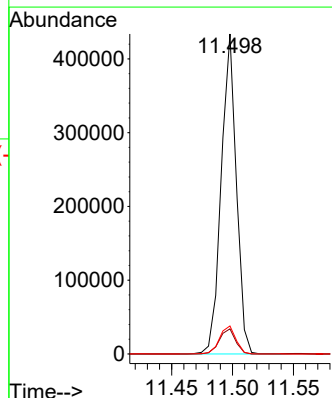
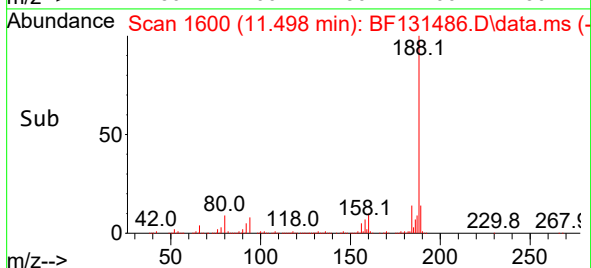
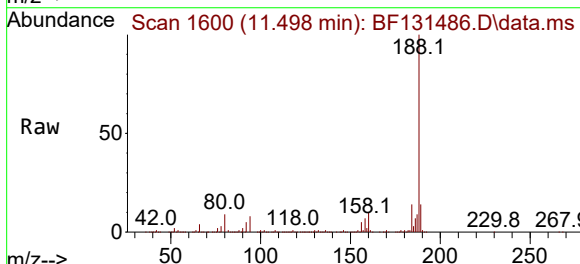
Instrument :
BNA_F
ClientSampleId :
PB149356BS

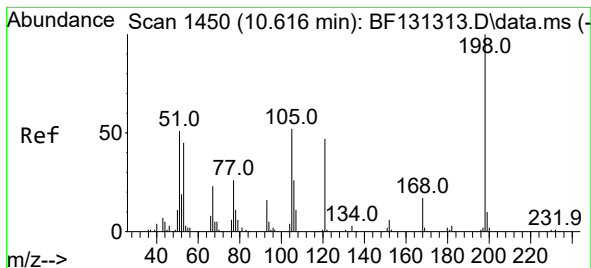
Tgt Ion:	77	Resp:	529301
Ion	Ratio	Lower	Upper
77	100		
182	25.6	3.1	43.1
105	20.9	0.0	39.2
51	33.7	17.8	57.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1600
Delta R.T. -0.006 min
Lab File: BF131486.D
Acq: 01 Dec 2022 11:35

Tgt Ion:	188	Resp:	376237
Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.3	9.5
80	8.7	6.8	10.2

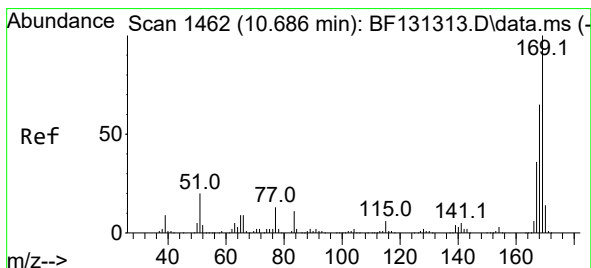
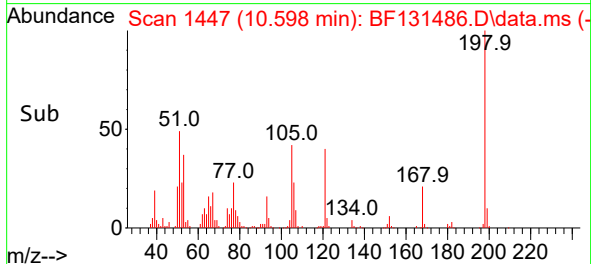
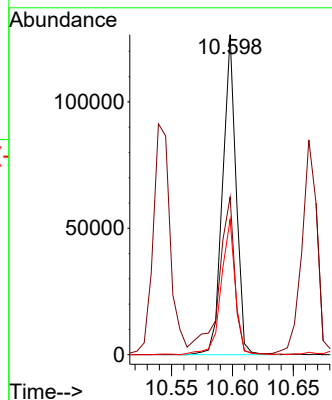
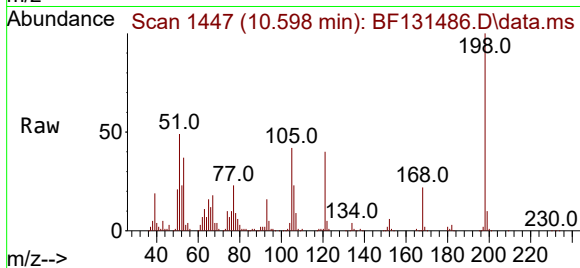




#65
4,6-Dinitro-2-methylphenol
Concen: 57.086 ng
RT: 10.598 min Scan# 1447
Delta R.T. -0.000 min
Lab File: BF131486.D
Acq: 01 Dec 2022 11:35

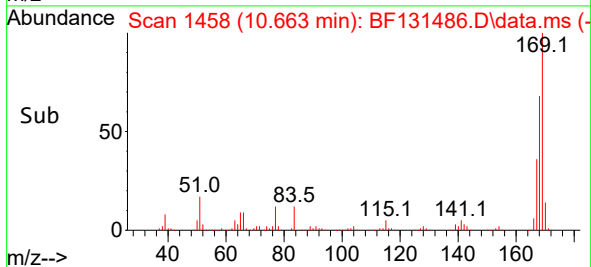
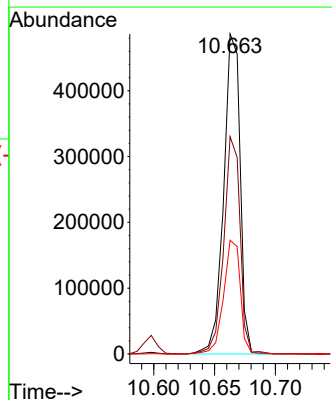
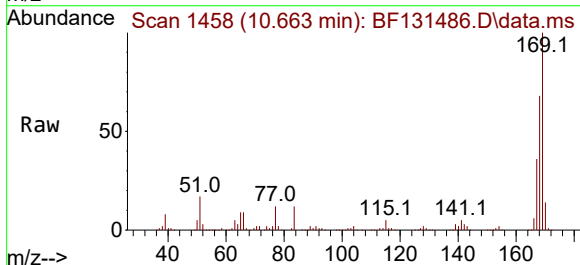
Instrument :
BNA_F
ClientSampleId :
PB149356BS

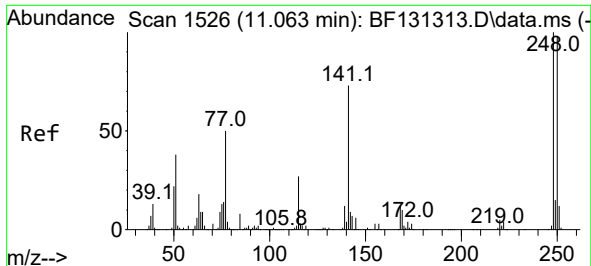
Tgt Ion:198 Resp: 97649
Ion Ratio Lower Upper
198 100
51 49.3 50.1 90.1#
105 42.3 32.5 72.5



#66
n-Nitrosodiphenylamine
Concen: 38.229 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF131486.D
Acq: 01 Dec 2022 11:35

Tgt Ion:169 Resp: 458313
Ion Ratio Lower Upper
169 100
168 67.9 52.4 78.6
167 35.5 29.2 43.8

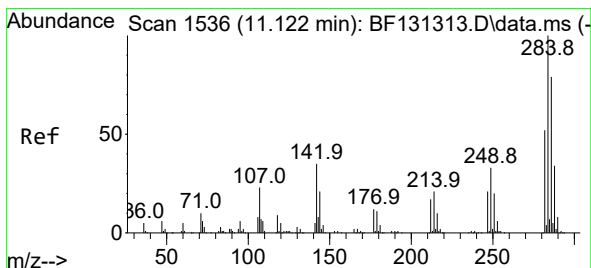
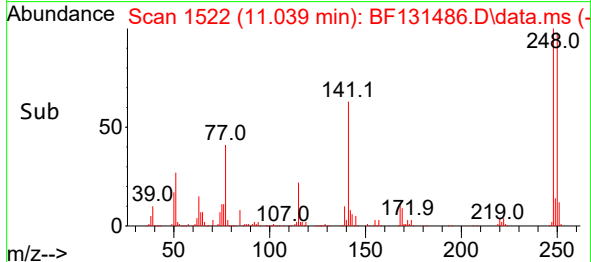
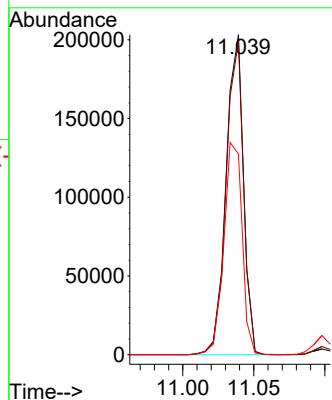
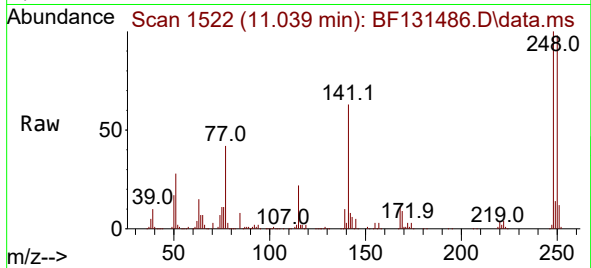




#67
4-Bromophenyl-phenylether
Concen: 37.564 ng
RT: 11.039 min Scan# 1522
Delta R.T. -0.000 min
Lab File: BF131486.D
Acq: 01 Dec 2022 11:35

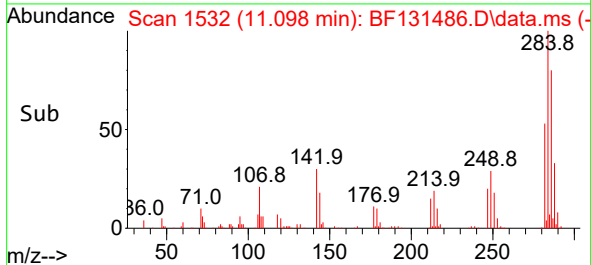
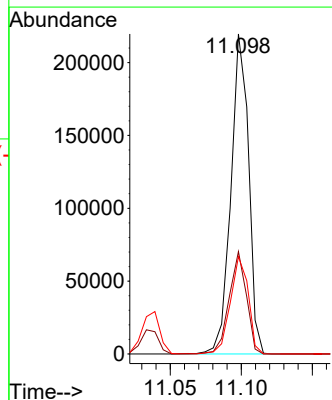
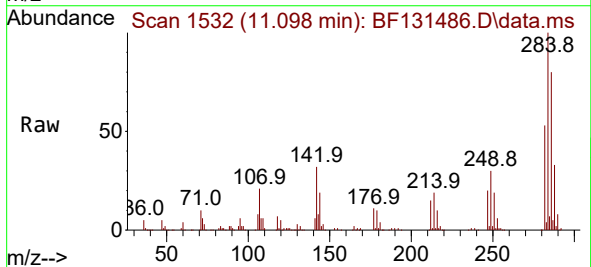
Instrument :
BNA_F
ClientSampleId :
PB149356BS

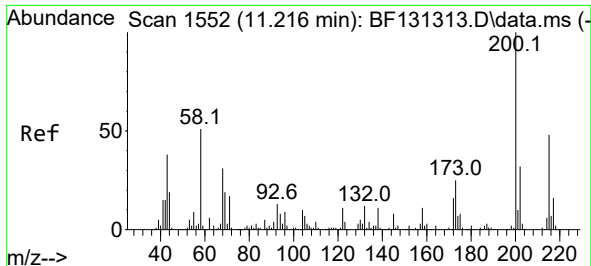
Tgt Ion:248 Resp: 173217
Ion Ratio Lower Upper
248 100
250 97.9 78.3 117.5
141 62.7 58.0 87.0



#68
Hexachlorobenzene
Concen: 38.898 ng
RT: 11.098 min Scan# 1532
Delta R.T. -0.006 min
Lab File: BF131486.D
Acq: 01 Dec 2022 11:35

Tgt Ion:284 Resp: 190374
Ion Ratio Lower Upper
284 100
142 32.0 28.4 42.6
249 30.4 26.5 39.7

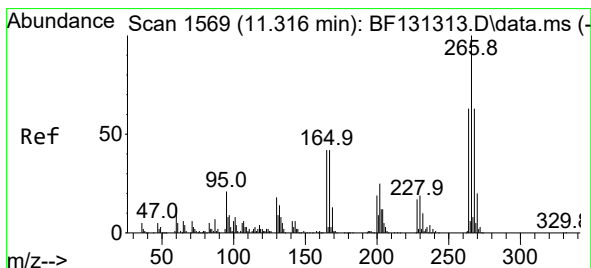
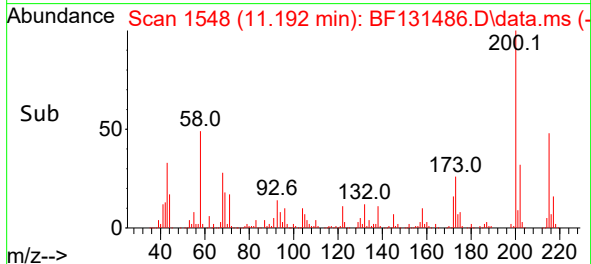
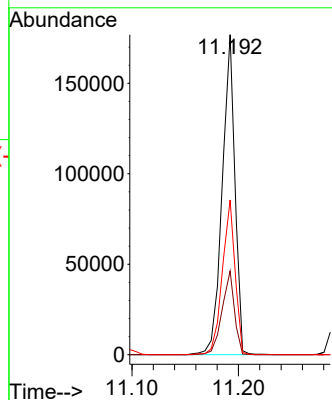
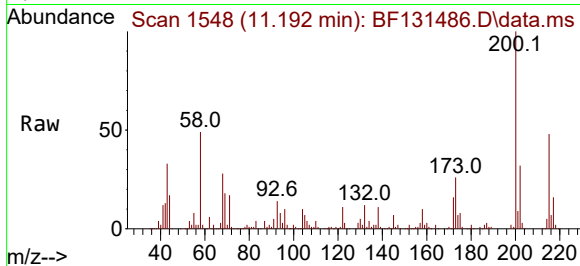




#69
 Atrazine
 Concen: 39.680 ng
 RT: 11.192 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF131486.D
 Acq: 01 Dec 2022 11:35

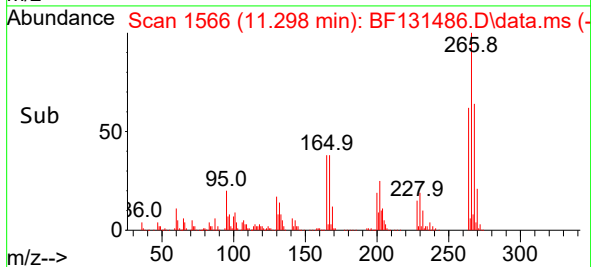
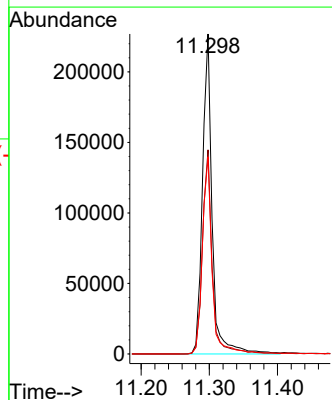
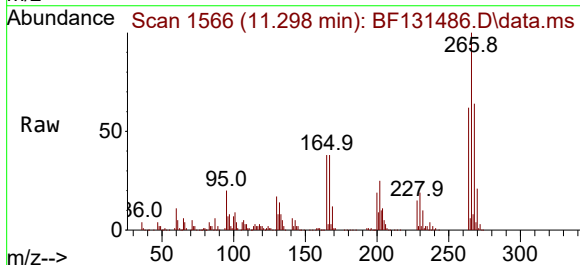
Instrument :
 BNA_F
 ClientSampleId :
 PB149356BS

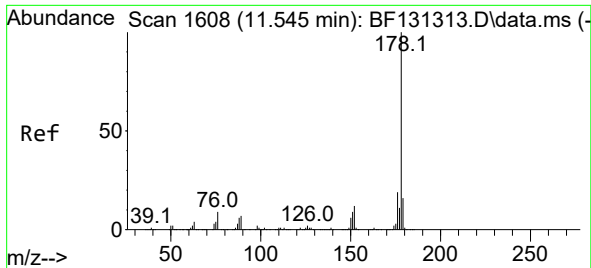
Tgt Ion:200 Resp: 146466
 Ion Ratio Lower Upper
 200 100
 173 26.2 5.2 45.2
 215 48.3 28.3 68.3



#70
 Pentachlorophenol
 Concen: 78.604 ng
 RT: 11.298 min Scan# 1566
 Delta R.T. -0.000 min
 Lab File: BF131486.D
 Acq: 01 Dec 2022 11:35

Tgt Ion:266 Resp: 223277
 Ion Ratio Lower Upper
 266 100
 268 63.8 50.6 75.8
 264 61.6 50.4 75.6

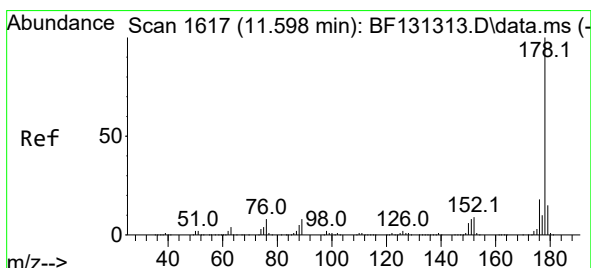
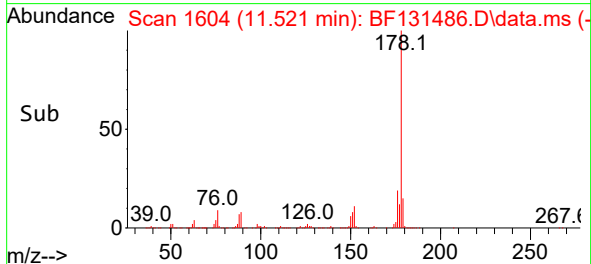
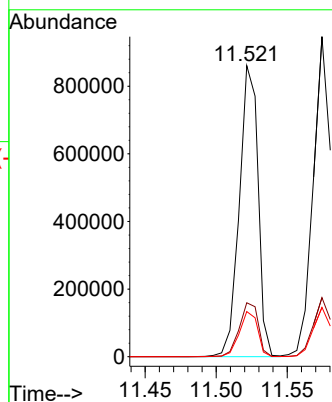
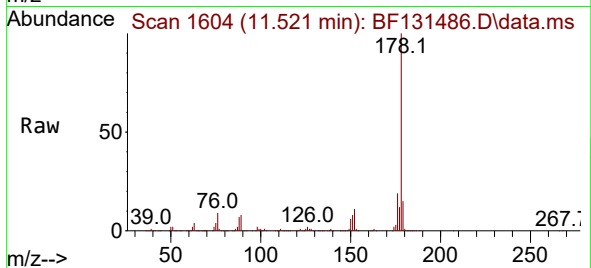




#71
Phenanthrene
Concen: 38.929 ng
RT: 11.521 min Scan# 1604
Delta R.T. -0.006 min
Lab File: BF131486.D
Acq: 01 Dec 2022 11:35

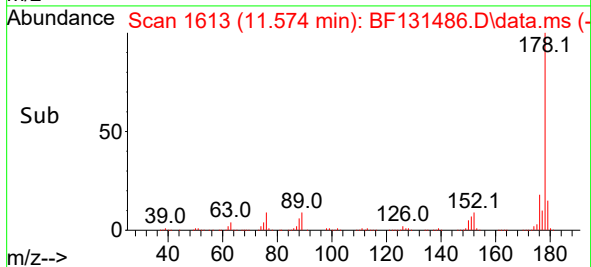
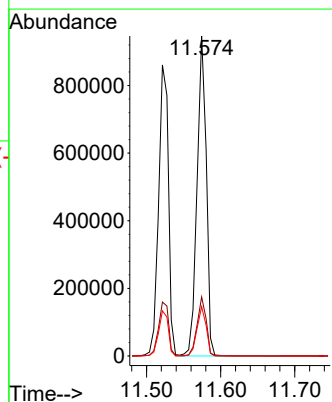
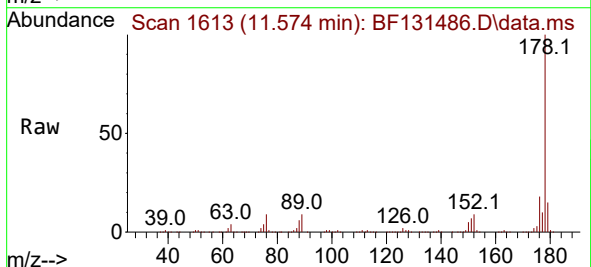
Instrument :
BNA_F
ClientSampleId :
PB149356BS

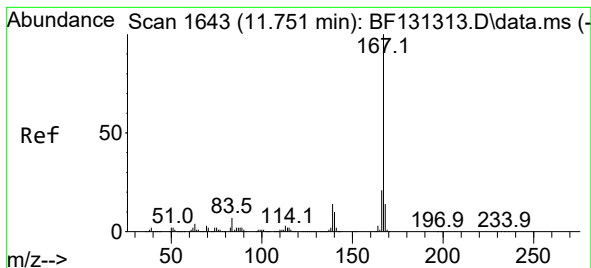
Tgt Ion:178 Resp: 791536
Ion Ratio Lower Upper
178 100
176 18.6 15.6 23.4
179 15.5 12.4 18.6



#72
Anthracene
Concen: 40.895 ng
RT: 11.574 min Scan# 1613
Delta R.T. -0.006 min
Lab File: BF131486.D
Acq: 01 Dec 2022 11:35

Tgt Ion:178 Resp: 817200
Ion Ratio Lower Upper
178 100
176 18.5 14.7 22.1
179 15.4 12.2 18.4





#73

Carbazole

Concen: 42.731 ng

RT: 11.733 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF131486.D

Acq: 01 Dec 2022 11:35

Instrument :

BNA_F

ClientSampleId :

PB149356BS

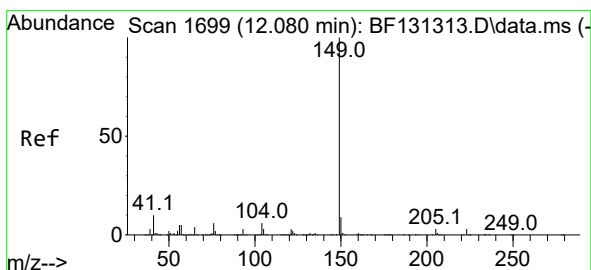
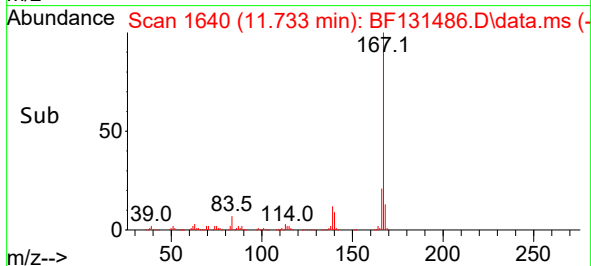
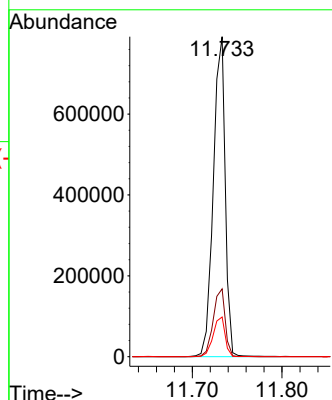
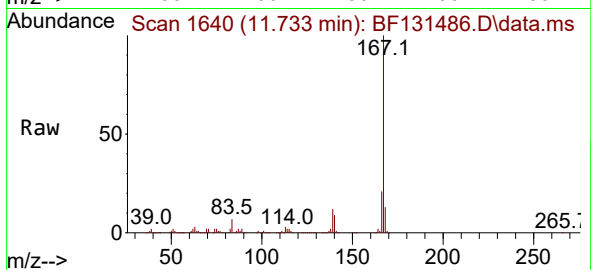
Tgt Ion:167 Resp: 728368

Ion Ratio Lower Upper

167 100

166 21.2 17.0 25.6

139 12.4 10.8 16.2



#74

Di-n-butylphthalate

Concen: 40.751 ng

RT: 12.057 min Scan# 1695

Delta R.T. -0.006 min

Lab File: BF131486.D

Acq: 01 Dec 2022 11:35

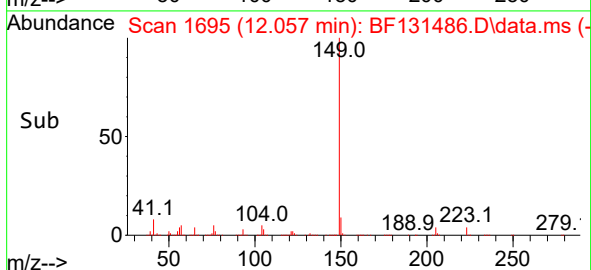
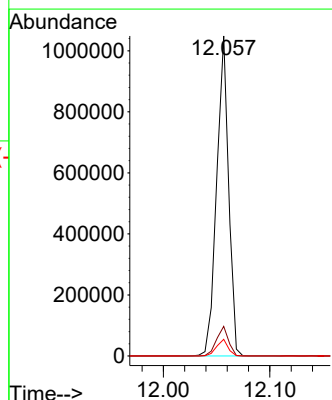
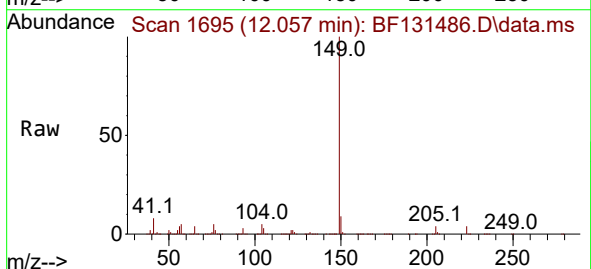
Tgt Ion:149 Resp: 818516

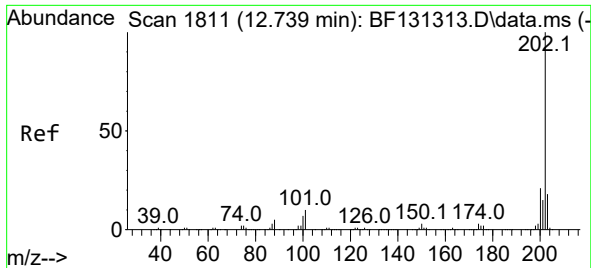
Ion Ratio Lower Upper

149 100

150 9.3 7.3 10.9

104 5.2 4.7 7.1

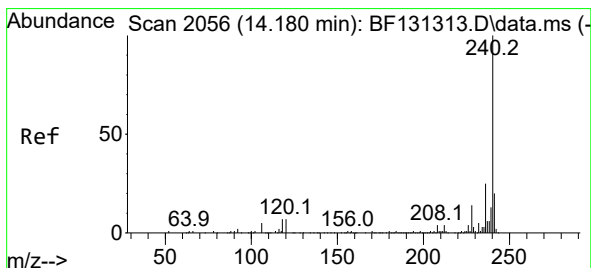
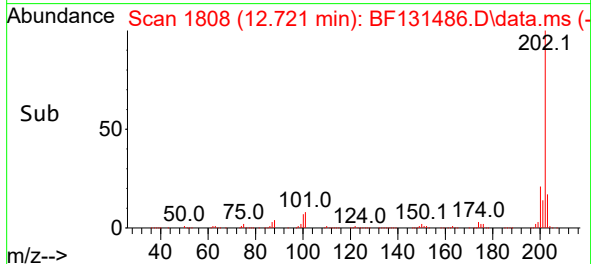
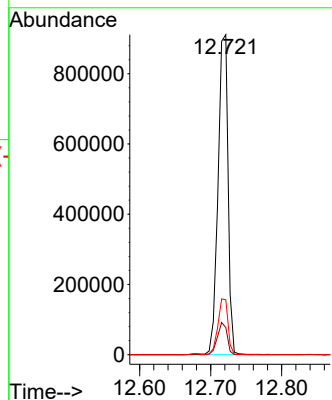
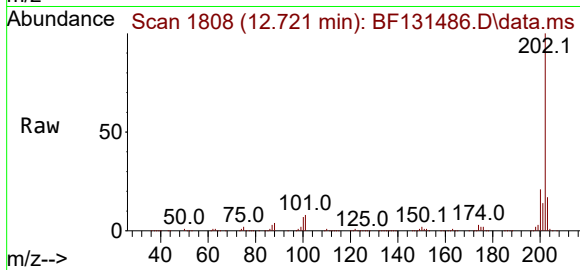




#75
Fluoranthene
Concen: 41.668 ng
RT: 12.721 min Scan# 1808
Delta R.T. -0.000 min
Lab File: BF131486.D
Acq: 01 Dec 2022 11:35

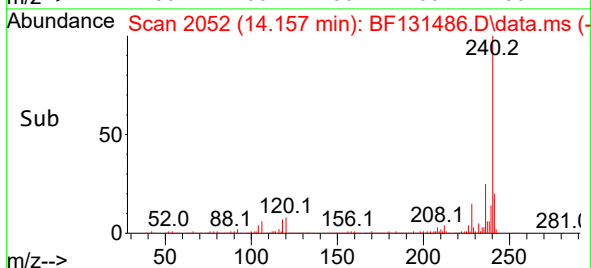
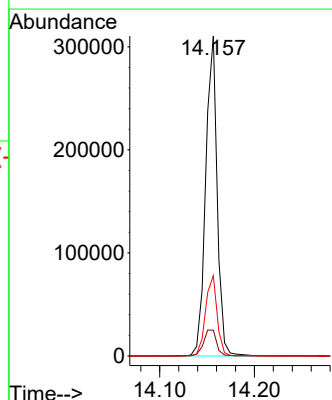
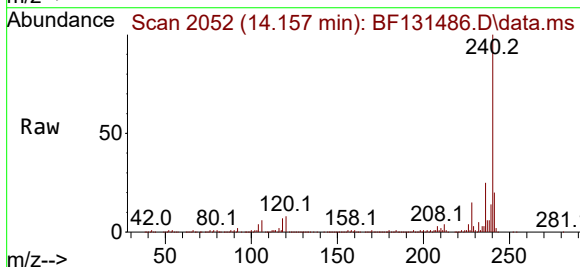
Instrument :
BNA_F
ClientSampleId :
PB149356BS

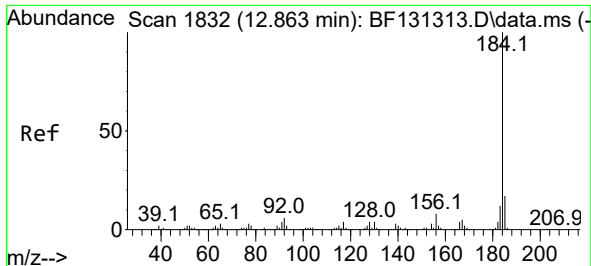
Tgt Ion:202 Resp: 892767
Ion Ratio Lower Upper
202 100
101 8.5 0.0 29.6
203 17.1 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.157 min Scan# 2052
Delta R.T. -0.000 min
Lab File: BF131486.D
Acq: 01 Dec 2022 11:35

Tgt Ion:240 Resp: 260125
Ion Ratio Lower Upper
240 100
120 8.1 5.8 8.8
236 25.1 20.3 30.5

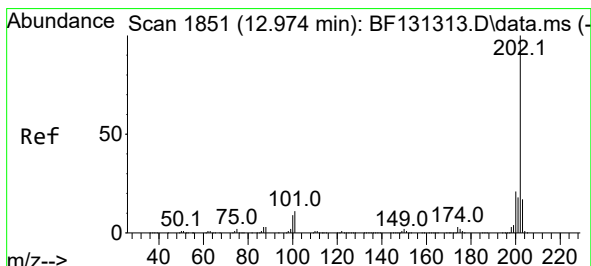
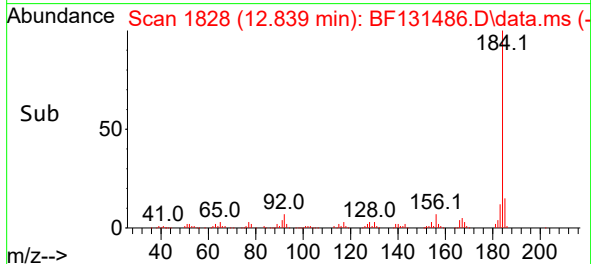
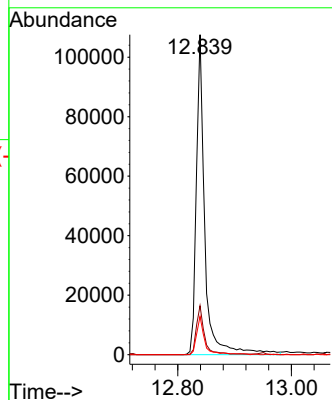
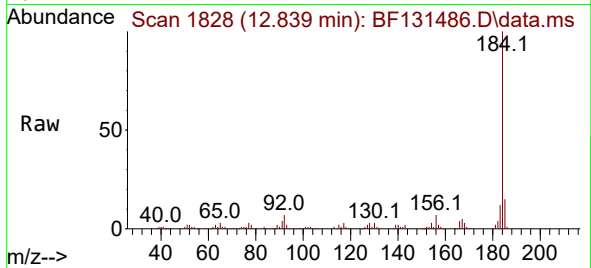




#77
Benzidine
Concen: 23.491 ng
RT: 12.839 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131486.D
Acq: 01 Dec 2022 11:35

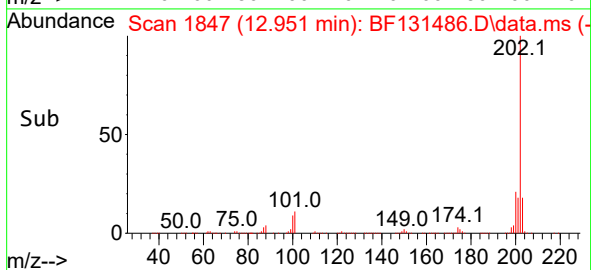
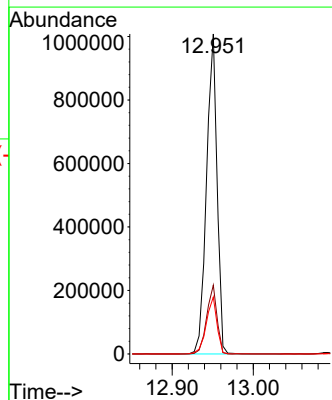
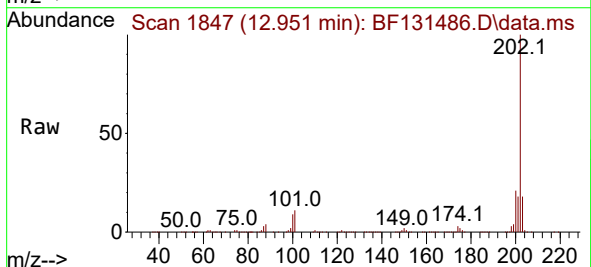
Instrument :
BNA_F
ClientSampleId :
PB149356BS

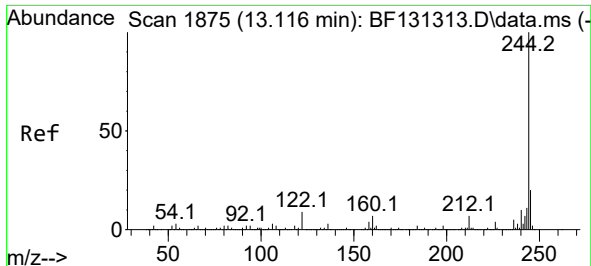
Tgt Ion:184 Resp: 112868
Ion Ratio Lower Upper
184 100
185 15.3 13.8 20.8
183 11.9 9.6 14.4



#78
Pyrene
Concen: 39.442 ng
RT: 12.951 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BF131486.D
Acq: 01 Dec 2022 11:35

Tgt Ion:202 Resp: 905205
Ion Ratio Lower Upper
202 100
200 21.5 16.9 25.3
203 17.8 13.9 20.9

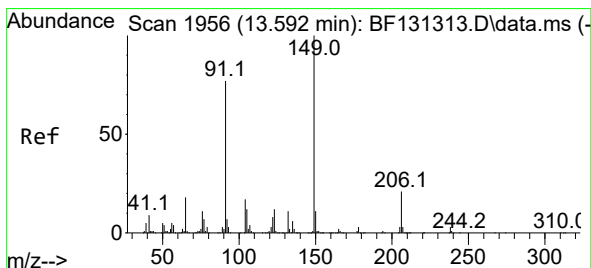
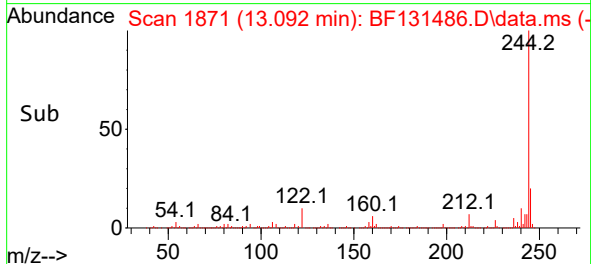
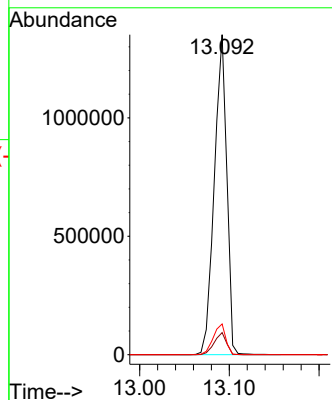
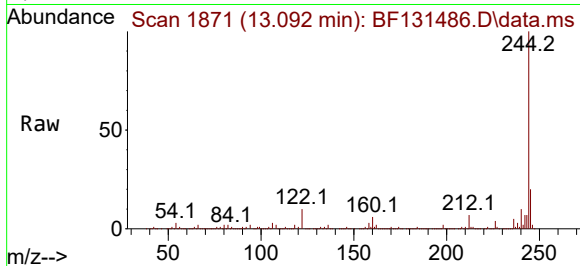




#79
 Terphenyl-d14
 Concen: 81.893 ng
 RT: 13.092 min Scan# 1875
 Delta R.T. -0.006 min
 Lab File: BF131486.D
 Acq: 01 Dec 2022 11:35

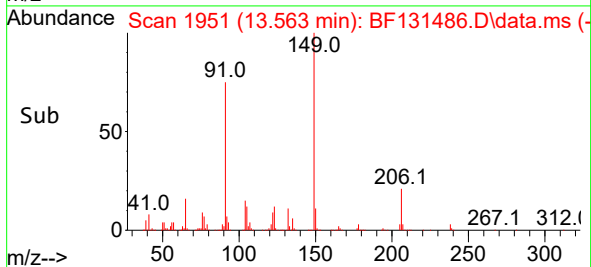
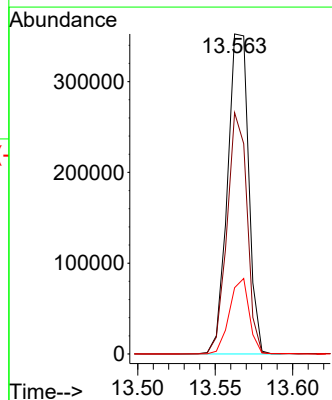
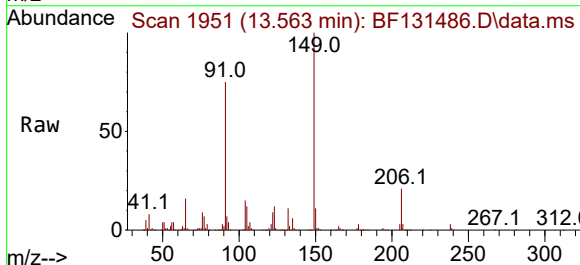
Instrument :
 BNA_F
 ClientSampleId :
 PB149356BS

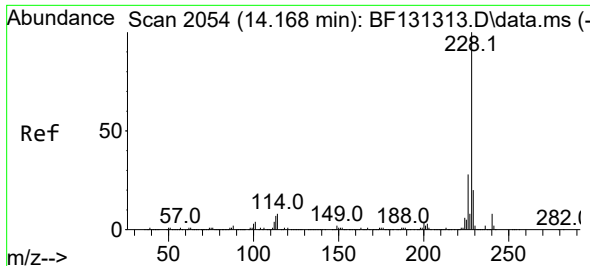
Tgt Ion:244 Resp: 1302695
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 9.6 7.5 11.3



#80
 Butylbenzylphthalate
 Concen: 43.774 ng
 RT: 13.563 min Scan# 1951
 Delta R.T. -0.006 min
 Lab File: BF131486.D
 Acq: 01 Dec 2022 11:35

Tgt Ion:149 Resp: 334913
 Ion Ratio Lower Upper
 149 100
 91 75.4 61.9 92.9
 206 20.7 16.5 24.7

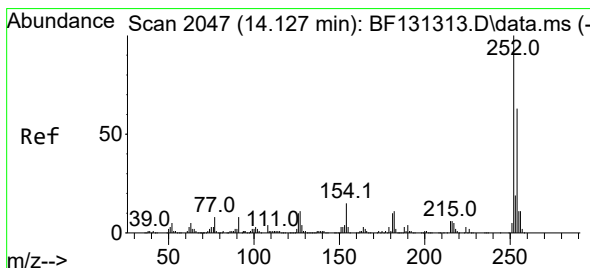
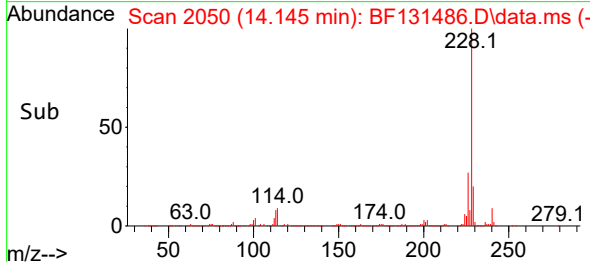
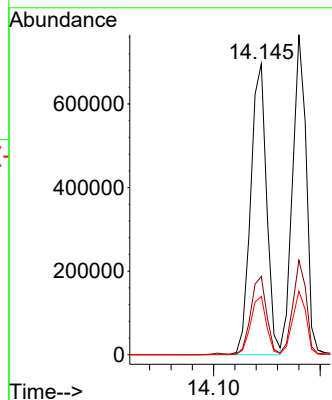
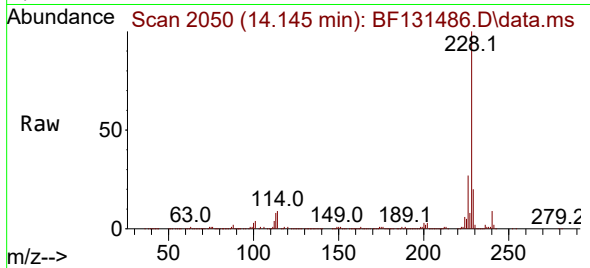




#81
Benzo(a)anthracene
Concen: 40.575 ng
RT: 14.145 min Scan# 2050
Delta R.T. -0.000 min
Lab File: BF131486.D
Acq: 01 Dec 2022 11:35

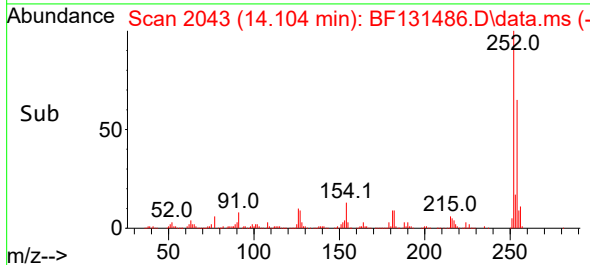
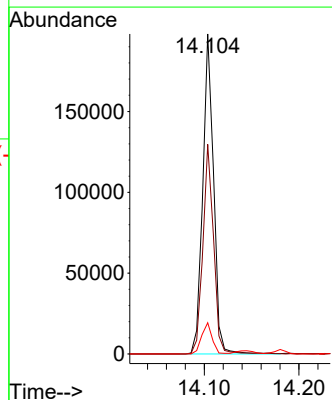
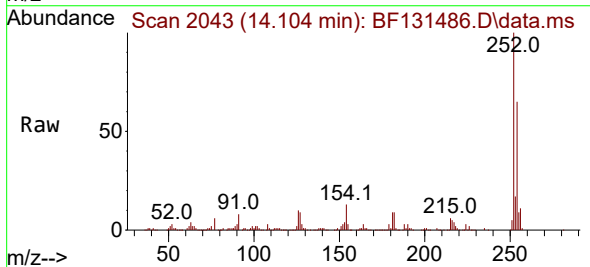
Instrument :
BNA_F
ClientSampleId :
PB149356BS

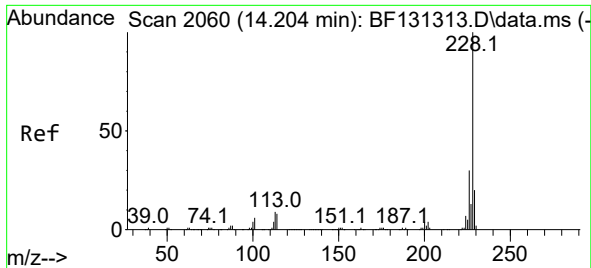
Tgt Ion:228 Resp: 723470
Ion Ratio Lower Upper
228 100
226 26.9 22.0 33.0
229 20.0 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 33.233 ng
RT: 14.104 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BF131486.D
Acq: 01 Dec 2022 11:35

Tgt Ion:252 Resp: 157237
Ion Ratio Lower Upper
252 100
254 65.5 50.8 76.2
126 9.7 8.3 12.5





#83

Chrysene

Concen: 39.288 ng

RT: 14.180 min Scan# 2056

Delta R.T. -0.006 min

Lab File: BF131486.D

Acq: 01 Dec 2022 11:35

Instrument :

BNA_F

ClientSampleId :

PB149356BS

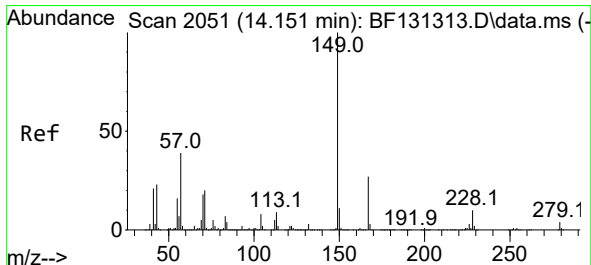
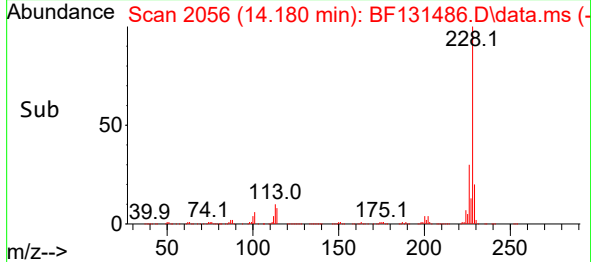
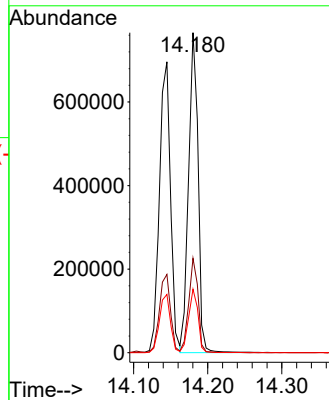
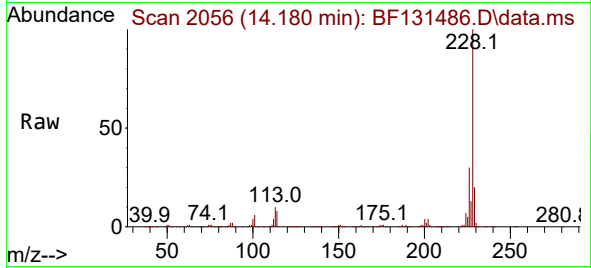
Tgt Ion:228 Resp: 687280

Ion Ratio Lower Upper

228 100

226 29.5 23.7 35.5

229 19.9 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.765 ng

RT: 14.121 min Scan# 2046

Delta R.T. -0.006 min

Lab File: BF131486.D

Acq: 01 Dec 2022 11:35

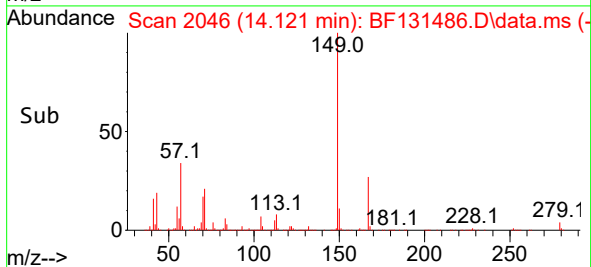
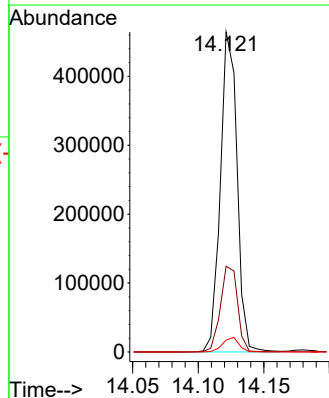
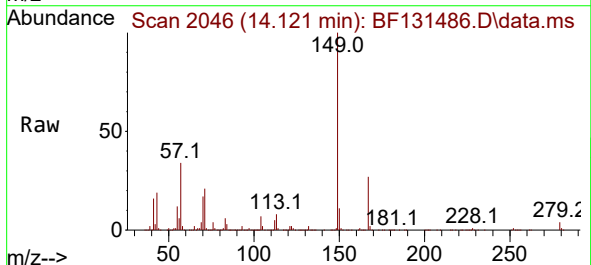
Tgt Ion:149 Resp: 411423

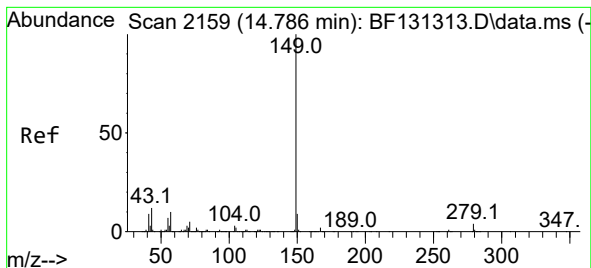
Ion Ratio Lower Upper

149 100

167 26.8 21.9 32.9

279 3.7 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 40.940 ng

RT: 14.751 min Scan# 2153

Delta R.T. -0.006 min

Lab File: BF131486.D

Acq: 01 Dec 2022 11:35

Instrument :

BNA_F

ClientSampleId :

PB149356BS

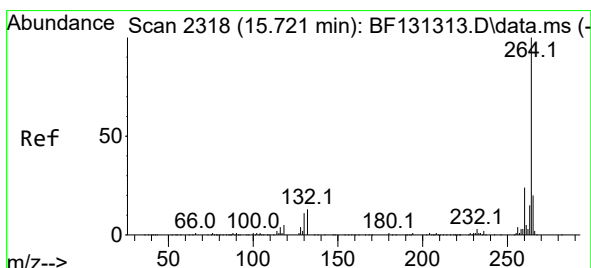
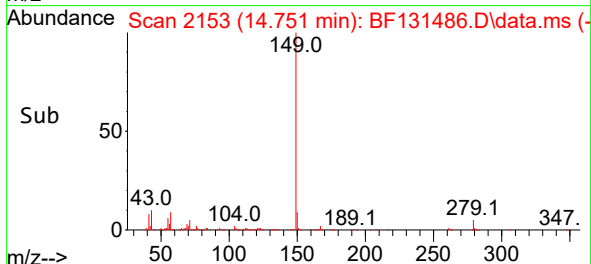
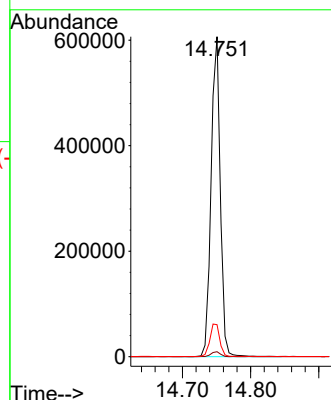
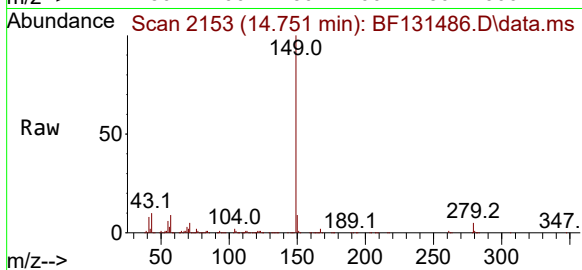
Tgt Ion:149 Resp: 568625

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 11.0 10.7 16.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.686 min Scan# 2312

Delta R.T. -0.006 min

Lab File: BF131486.D

Acq: 01 Dec 2022 11:35

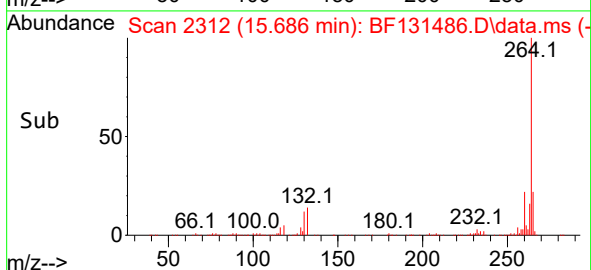
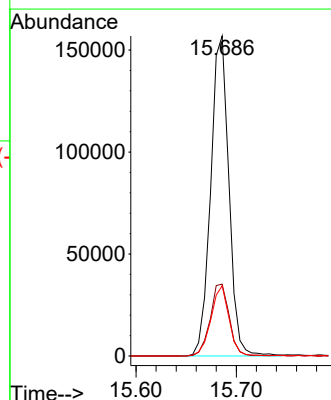
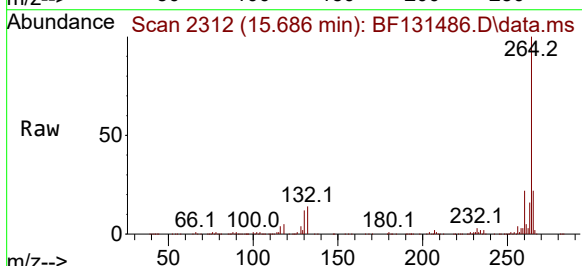
Tgt Ion:264 Resp: 198410

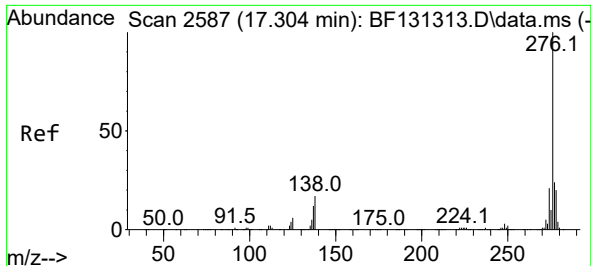
Ion Ratio Lower Upper

264 100

260 22.5 19.0 28.4

265 21.9 16.4 24.6

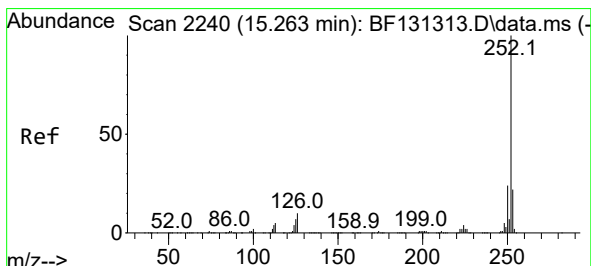
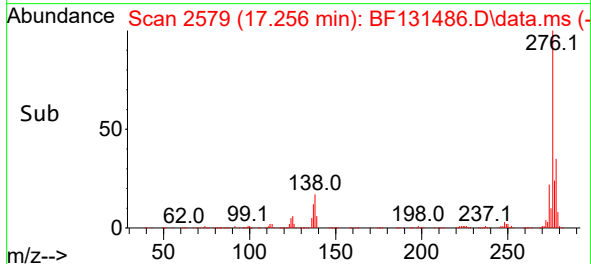
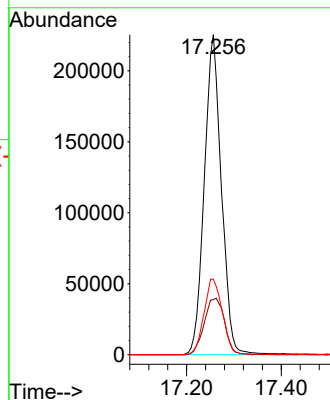
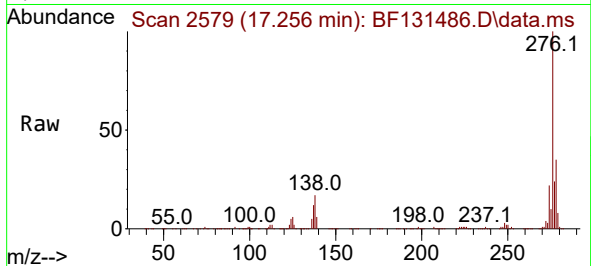




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.332 ng
 RT: 17.256 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF131486.D
 Acq: 01 Dec 2022 11:35

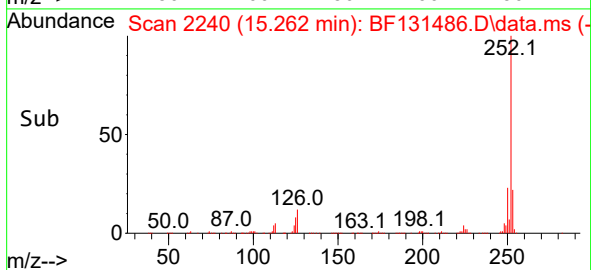
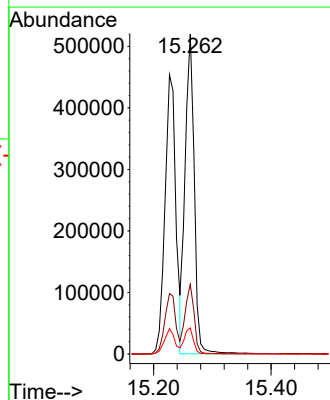
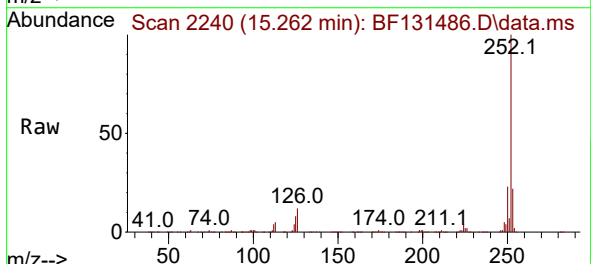
Instrument :
 BNA_F
 ClientSampleId :
 PB149356BS

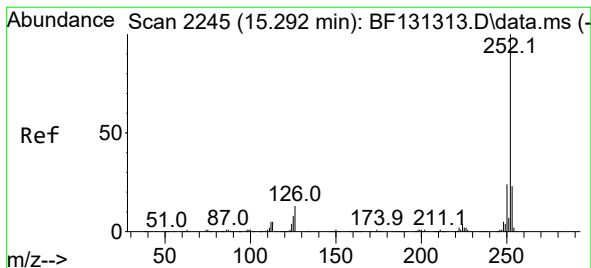
Tgt Ion:276 Resp: 564125
 Ion Ratio Lower Upper
 276 100
 138 20.9 15.8 23.6
 277 25.7 20.3 30.5



#88
 Benzo(b)fluoranthene
 Concen: 42.533 ng
 RT: 15.262 min Scan# 2240
 Delta R.T. 0.029 min
 Lab File: BF131486.D
 Acq: 01 Dec 2022 11:35

Tgt Ion:252 Resp: 560625
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.5 26.3
 125 8.2 5.8 8.6





#89

Benzo(k)fluoranthene

Concen: 41.389 ng

RT: 15.262 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF131486.D

Acq: 01 Dec 2022 11:35

Instrument :

BNA_F

ClientSampleId :

PB149356BS

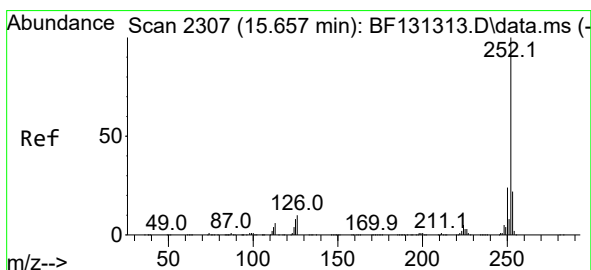
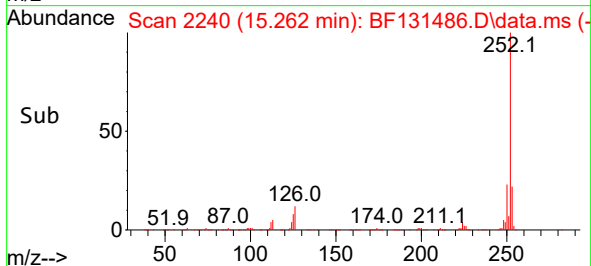
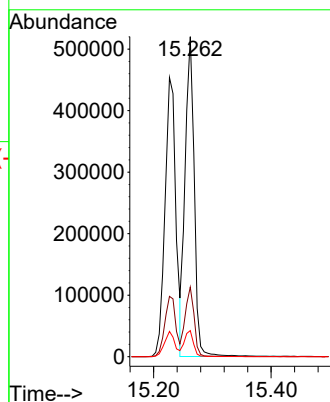
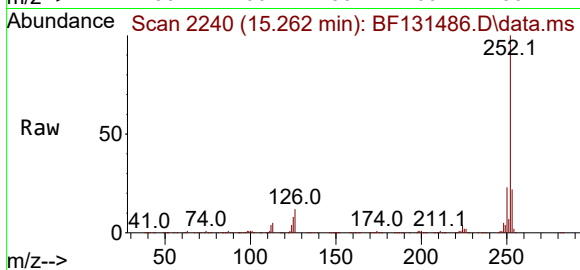
Tgt Ion:252 Resp: 560625

Ion Ratio Lower Upper

252 100

253 21.8 17.9 26.9

125 8.2 6.6 10.0



#90

Benzo(a)pyrene

Concen: 44.935 ng

RT: 15.621 min Scan# 2301

Delta R.T. -0.006 min

Lab File: BF131486.D

Acq: 01 Dec 2022 11:35

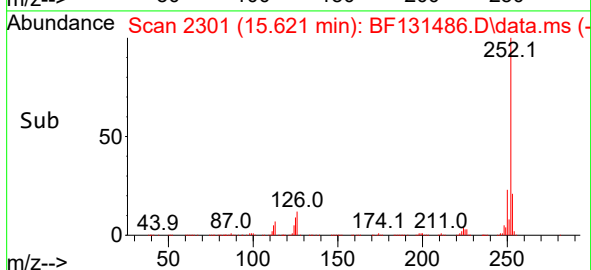
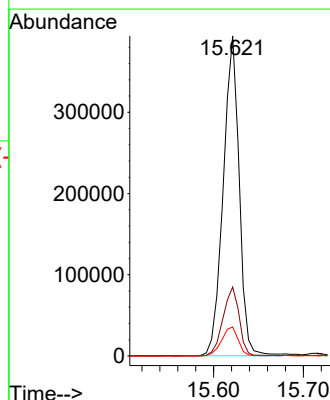
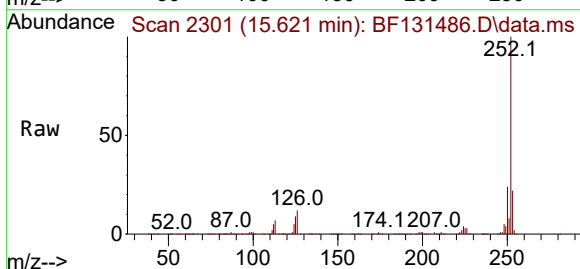
Tgt Ion:252 Resp: 485979

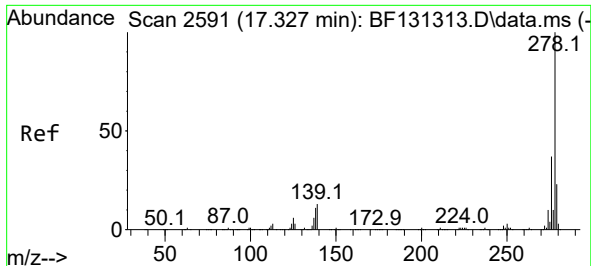
Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

125 9.1 6.1 9.1

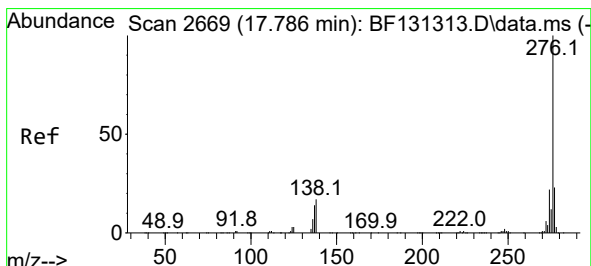
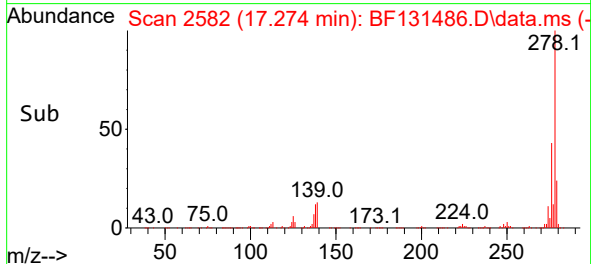
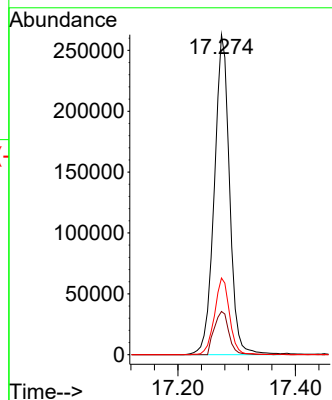
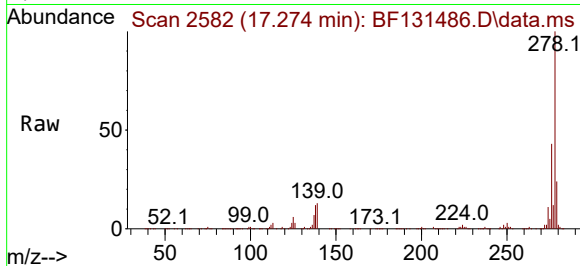




#91
Dibenzo(a,h)anthracene
Concen: 43.121 ng
RT: 17.274 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF131486.D
Acq: 01 Dec 2022 11:35

Instrument :
BNA_F
ClientSampleId :
PB149356BS

Tgt Ion:278 Resp: 474417
Ion Ratio Lower Upper
278 100
139 13.5 10.4 15.6
279 23.9 18.3 27.5



#92
Benzo(g,h,i)perylene
Concen: 43.095 ng
RT: 17.733 min Scan# 2660
Delta R.T. -0.006 min
Lab File: BF131486.D
Acq: 01 Dec 2022 11:35

Tgt Ion:276 Resp: 473215
Ion Ratio Lower Upper
276 100
277 23.1 18.3 27.5
138 18.4 13.8 20.6

