

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110922\
 Data File : BF131091.D
 Acq On : 09 Nov 2022 17:25
 Operator : CG\JU
 Sample : PB148687BSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148687BSD

Quant Time: Nov 10 04:30:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 10 04:15:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	97090	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	355756	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	191544	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	370600	20.000	ng	0.00
76) Chrysene-d12	14.080	240	242315	20.000	ng	0.00
86) Perylene-d12	15.568	264	174730	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	770107	134.891	ng	0.02
7) Phenol-d6	6.528	99	969589	129.903	ng	0.00
23) Nitrobenzene-d5	7.463	82	633873	80.391	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	285044	143.994	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1067515	77.801	ng	0.00
79) Terphenyl-d14	13.016	244	1314057	95.081	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.757	88	94214	33.526	ng	98
3) Pyridine	3.516	79	259222	33.594	ng	99
4) n-Nitrosodimethylamine	3.481	42	182995	41.112	ng	91
6) Aniline	6.557	93	376790	41.122	ng	99
8) 2-Chlorophenol	6.681	128	302045	45.988	ng	99
9) Benzaldehyde	6.446	77	139921	28.808	ng	94
10) Phenol	6.540	94	373332	42.788	ng	99
11) bis(2-Chloroethyl)ether	6.628	93	289736	46.414	ng	99
12) 1,3-Dichlorobenzene	6.834	146	315661	43.218	ng	97
13) 1,4-Dichlorobenzene	6.910	146	325712	43.901	ng	98
14) 1,2-Dichlorobenzene	7.063	146	315522	45.911	ng	98
15) Benzyl Alcohol	7.040	79	257948	45.186	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.169	45	472907	45.181	ng	99
17) 2-Methylphenol	7.145	107	225854	41.115	ng	98
18) Hexachloroethane	7.404	117	119442	43.174	ng	98
19) n-Nitroso-di-n-propyla...	7.310	70	207491	42.339	ng	98
20) 3+4-Methylphenols	7.298	107	283572	41.317	ng	92
22) Acetophenone	7.310	105	397610	44.660	ng	99
24) Nitrobenzene	7.481	77	323426	42.345	ng	99
25) Isophorone	7.722	82	570869	46.825	ng	97
26) 2-Nitrophenol	7.792	139	153256	45.220	ng	95
27) 2,4-Dimethylphenol	7.828	122	251036	48.301	ng	100
28) bis(2-Chloroethoxy)met...	7.928	93	335379	48.541	ng	100
29) 2,4-Dichlorophenol	8.040	162	237761	42.790	ng	99
30) 1,2,4-Trichlorobenzene	8.116	180	253739	42.347	ng	99
31) Naphthalene	8.204	128	813700	41.860	ng	100
32) Benzoic acid	7.963	122	152603	42.585	ng	95
33) 4-Chloroaniline	8.251	127	256575	32.917	ng	98
34) Hexachlorobutadiene	8.310	225	169218	41.331	ng	99
35) Caprolactam	8.628	113	39710	23.313	ng	91
36) 4-Chloro-3-methylphenol	8.734	107	260783	42.412	ng	100
37) 2-Methylnaphthalene	8.892	142	515263	41.121	ng	96
38) 1-Methylnaphthalene	8.992	142	487345	39.714	ng	98
40) 1,2,4,5-Tetrachloroben...	9.057	216	262196	41.919	ng	99
41) Hexachlorocyclopentadiene	9.039	237	280602	114.978	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	169583	41.313	ng	99

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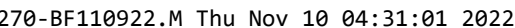
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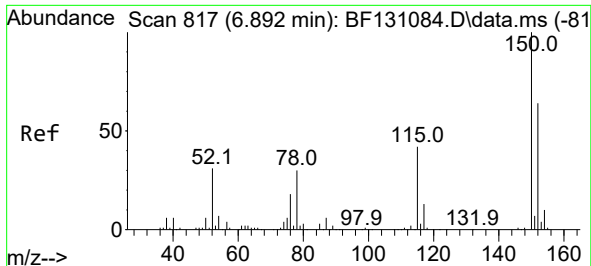
Quant Time: Nov 10 04:30:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	188840	41.119	ng	95
46) 1,1'-Biphenyl	9.357	154	635226	42.892	ng	99
47) 2-Chloronaphthalene	9.386	162	497319	41.381	ng	99
48) 2-Nitroaniline	9.486	65	185893	42.500	ng	87
49) Acenaphthylene	9.804	152	775859	42.250	ng	100
50) Dimethylphthalate	9.663	163	580766	42.625	ng	99
51) 2,6-Dinitrotoluene	9.728	165	131972	44.074	ng	# 81
52) Acenaphthene	9.975	154	458198	41.829	ng	98
53) 3-Nitroaniline	9.898	138	113947	33.285	ng	100
54) 2,4-Dinitrophenol	10.010	184	157474	100.195	ng	96
55) Dibenzofuran	10.145	168	687048	42.353	ng	99
56) 4-Nitrophenol	10.063	139	209051	91.749	ng	96
57) 2,4-Dinitrotoluene	10.134	165	178115	44.748	ng	92
58) Fluorene	10.492	166	548374	41.621	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.263	232	149992	42.474	ng	98
60) Diethylphthalate	10.363	149	565473	43.094	ng	99
61) 4-Chlorophenyl-phenylether	10.481	204	268233	43.746	ng	98
62) 4-Nitroaniline	10.516	138	143423	41.457	ng	97
63) Azobenzene	10.639	77	593066	43.180	ng	98
65) 4,6-Dinitro-2-methylph...	10.539	198	102665	43.087	ng	89
66) n-Nitrosodiphenylamine	10.604	169	507489	40.732	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	181660	43.349	ng	98
68) Hexachlorobenzene	11.033	284	204147	43.712	ng	98
69) Atrazine	11.128	200	184928	47.948	ng	97
70) Pentachlorophenol	11.233	266	202891	84.833	ng	98
71) Phenanthrene	11.457	178	859274	42.157	ng	99
72) Anthracene	11.510	178	881671	44.568	ng	100
73) Carbazole	11.663	167	803611	45.680	ng	98
74) Di-n-butylphthalate	11.986	149	909817	45.854	ng	99
75) Fluoranthene	12.645	202	943338	46.236	ng	99
77) Benzidine	12.769	184	383625	53.664	ng	99
78) Pyrene	12.880	202	961012	46.226	ng	100
80) Butylbenzylphthalate	13.492	149	356460	47.891	ng	99
81) Benzo(a)anthracene	14.069	228	753765	43.520	ng	99
82) 3,3'-Dichlorobenzidine	14.027	252	206530	41.779	ng	99
83) Chrysene	14.104	228	705749	43.147	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	387578	48.237	ng	100
85) Di-n-octyl phthalate	14.663	149	493005	48.385	ng	100
87) Indeno(1,2,3-cd)pyrene	17.086	276	619504	43.708	ng	100
88) Benzo(b)fluoranthene	15.127	252	578229	46.807	ng	99
89) Benzo(k)fluoranthene	15.163	252	540030	45.481	ng	99
90) Benzo(a)pyrene	15.504	252	488083	49.281	ng	98
91) Dibenzo(a,h)anthracene	17.104	278	529538	45.892	ng	99
92) Benzo(g,h,i)perylene	17.551	276	503284	41.598	ng	100

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

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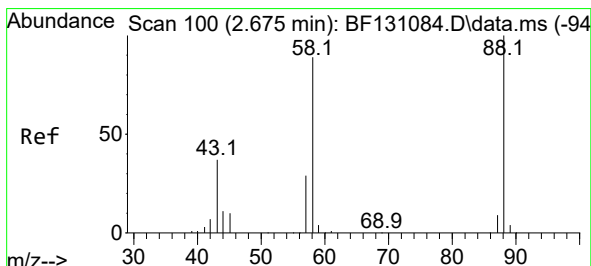
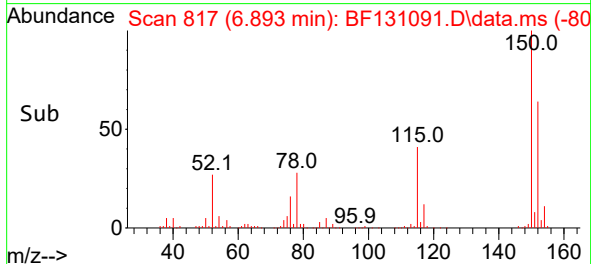
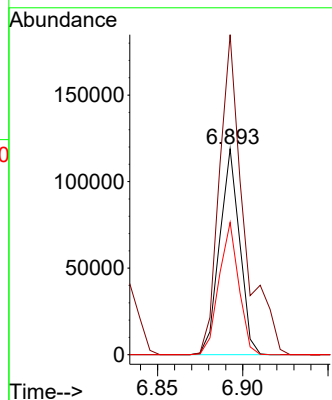
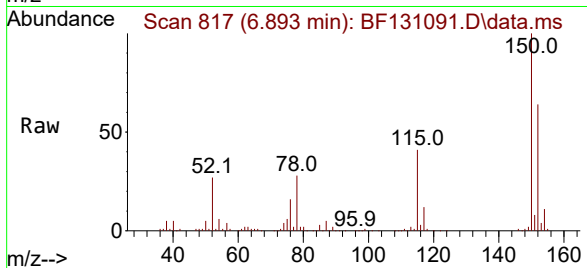




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.893 min Scan# 81
 Delta R.T. 0.001 min
 Lab File: BF131091.D
 Acq: 09 Nov 2022 17:25

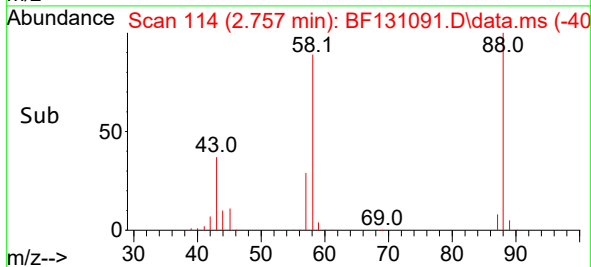
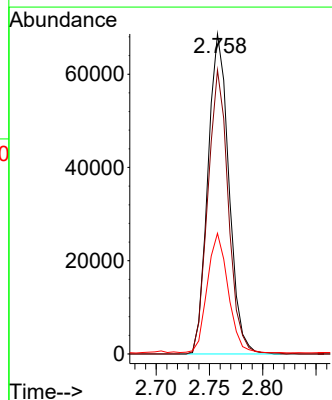
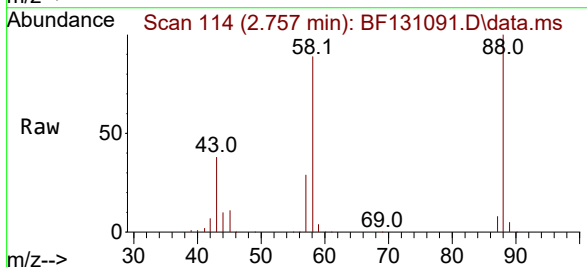
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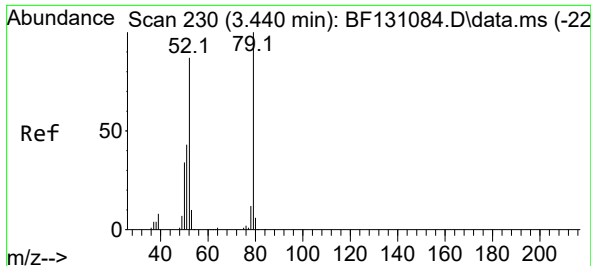
Tgt Ion:152 Resp: 97090
 Ion Ratio Lower Upper
 152 100
 150 155.4 125.5 188.3
 115 64.3 52.2 78.2



#2
 1,4-Dioxane
 Concen: 33.526 ng
 RT: 2.757 min Scan# 114
 Delta R.T. 0.083 min
 Lab File: BF131091.D
 Acq: 09 Nov 2022 17:25

Tgt Ion: 88 Resp: 94214
 Ion Ratio Lower Upper
 88 100
 58 86.7 68.5 102.7
 43 37.5 28.6 42.8





#3

Pyridine

Concen: 33.594 ng

RT: 3.516 min Scan# 24

Delta R.T. 0.076 min

Lab File: BF131091.D

Acq: 09 Nov 2022 17:25

Instrument :

BNA_F

ClientSampleId :

PB148687BSD

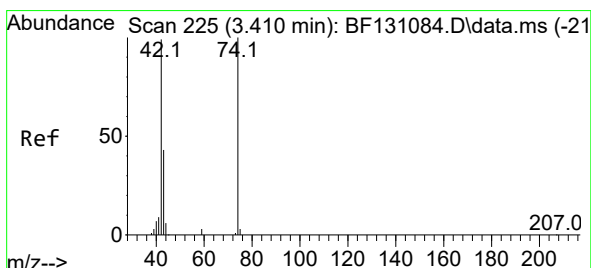
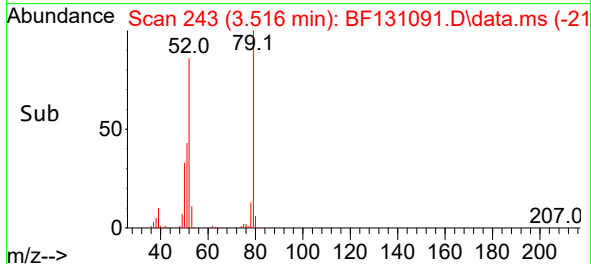
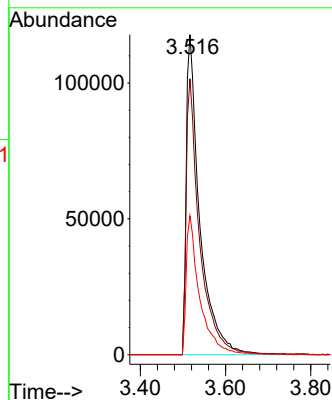
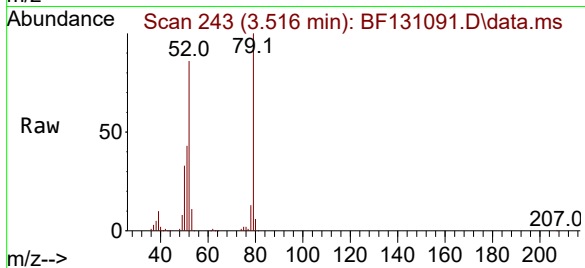
Tgt Ion: 79 Resp: 259222

Ion Ratio Lower Upper

79 100

52 86.3 69.4 104.2

51 43.4 34.2 51.4



#4

n-Nitrosodimethylamine

Concen: 41.112 ng

RT: 3.481 min Scan# 237

Delta R.T. 0.071 min

Lab File: BF131091.D

Acq: 09 Nov 2022 17:25

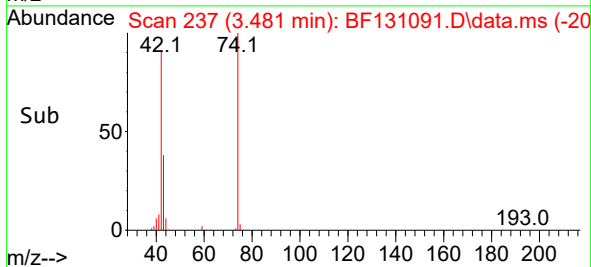
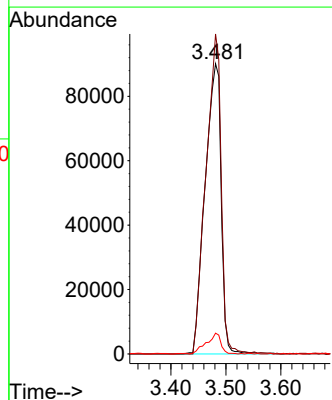
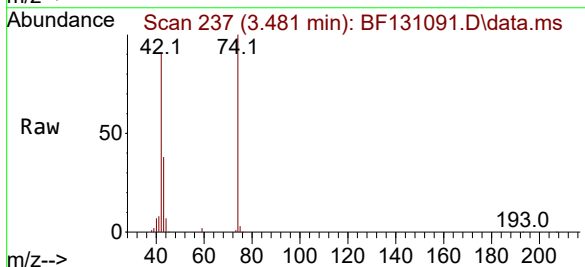
Tgt Ion: 42 Resp: 182995

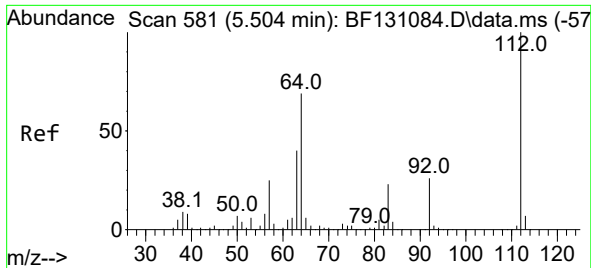
Ion Ratio Lower Upper

42 100

74 110.2 81.0 121.4

44 7.2 5.0 7.4

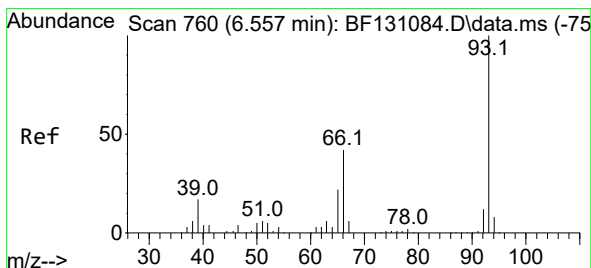
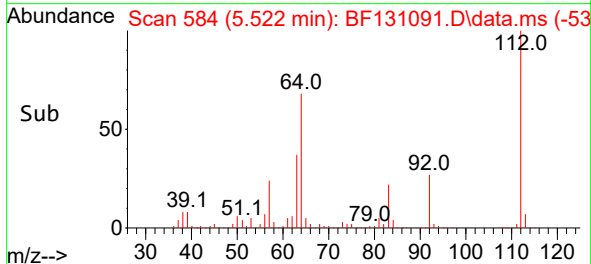
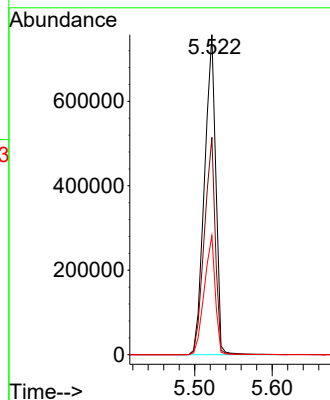
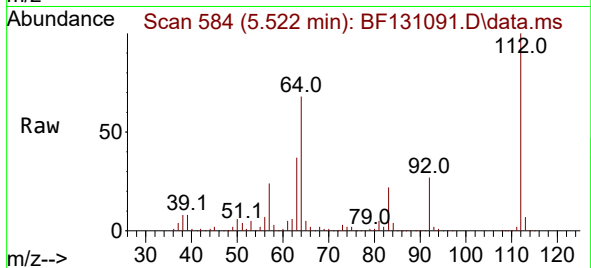




#5
2-Fluorophenol
Concen: 134.891 ng
RT: 5.522 min Scan# 581
Delta R.T. 0.018 min
Lab File: BF131091.D
Acq: 09 Nov 2022 17:25

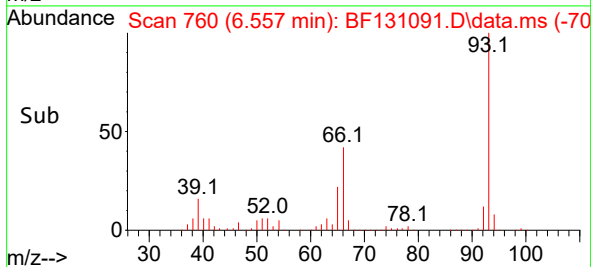
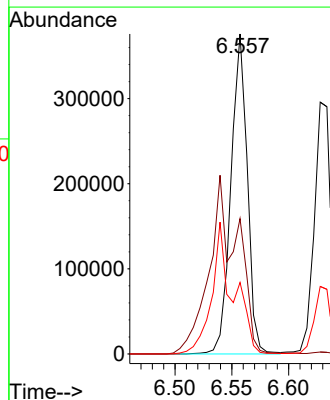
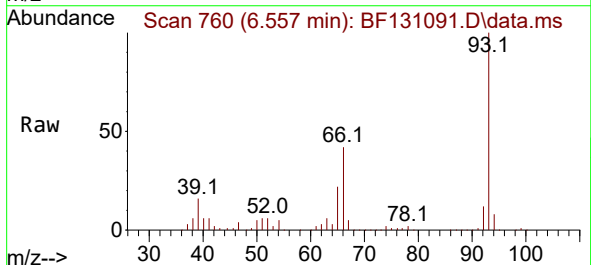
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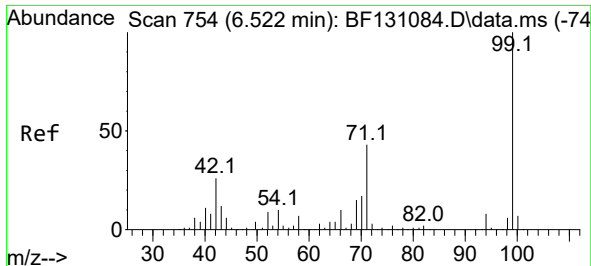
Tgt Ion:112 Resp: 770107
Ion Ratio Lower Upper
112 100
64 67.9 55.1 82.7
63 37.2 32.4 48.6



#6
Aniline
Concen: 41.122 ng
RT: 6.557 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF131091.D
Acq: 09 Nov 2022 17:25

Tgt Ion: 93 Resp: 376790
Ion Ratio Lower Upper
93 100
66 42.3 34.4 51.6
65 22.4 17.6 26.4

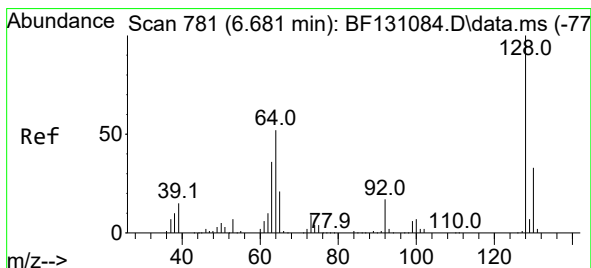
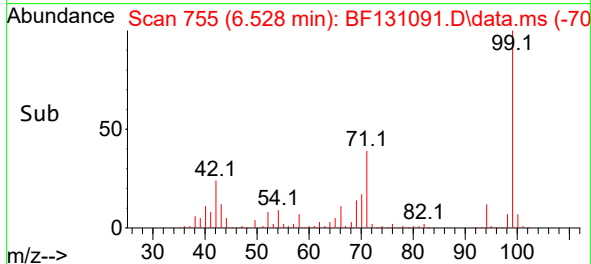
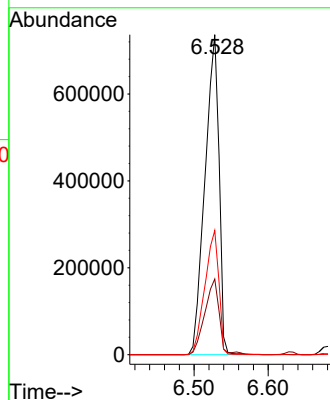
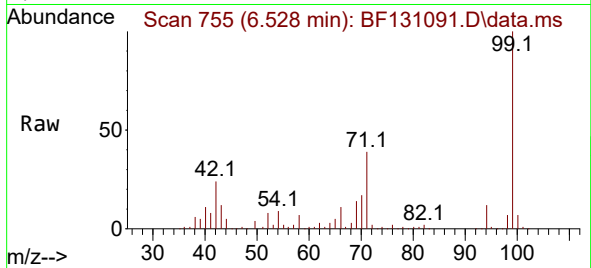




#7
Phenol-d6
Concen: 129.903 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF131091.D
Acq: 09 Nov 2022 17:25

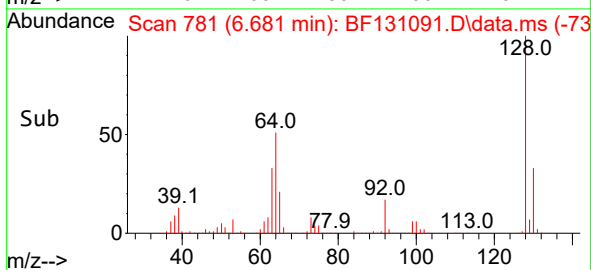
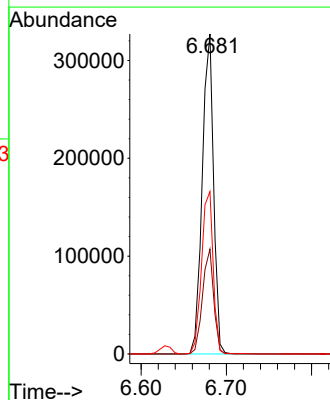
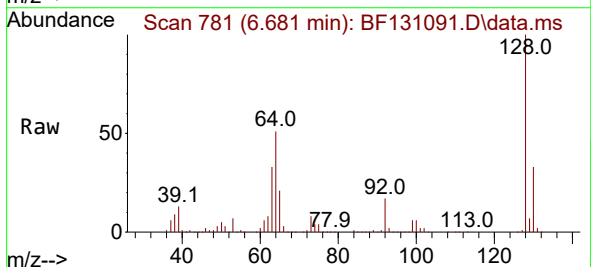
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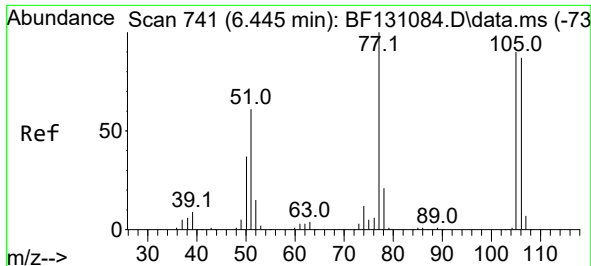
Tgt Ion: 99 Resp: 969589
Ion Ratio Lower Upper
99 100
42 23.6 20.8 31.2
71 38.8 34.2 51.4



#8
2-Chlorophenol
Concen: 45.988 ng
RT: 6.681 min Scan# 781
Delta R.T. -0.000 min
Lab File: BF131091.D
Acq: 09 Nov 2022 17:25

Tgt Ion: 128 Resp: 302045
Ion Ratio Lower Upper
128 100
130 32.8 13.1 53.1
64 50.8 32.0 72.0

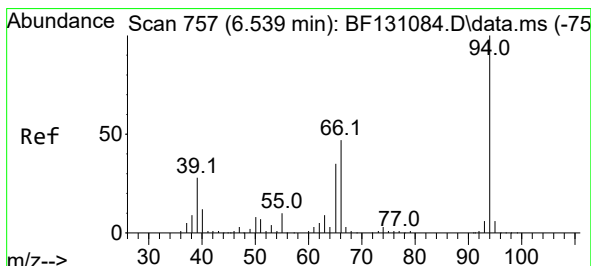
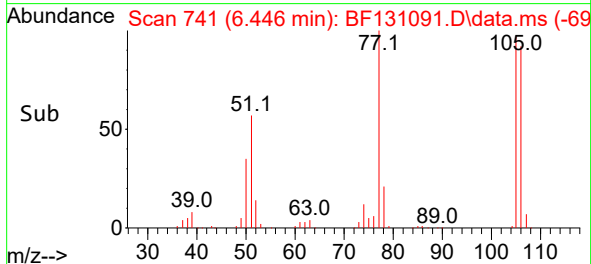
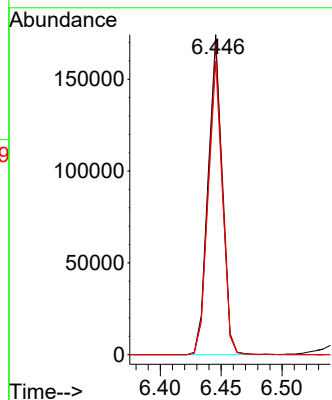
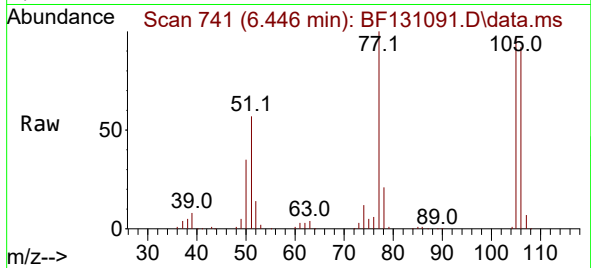




#9
Benzaldehyde
Concen: 28.808 ng
RT: 6.446 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF131091.D
Acq: 09 Nov 2022 17:25

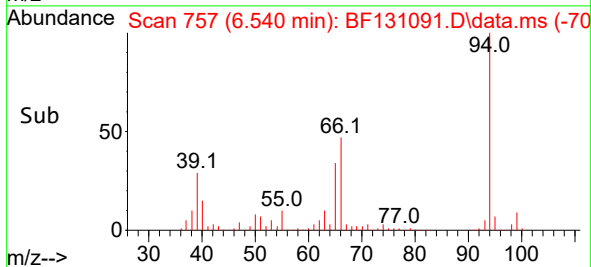
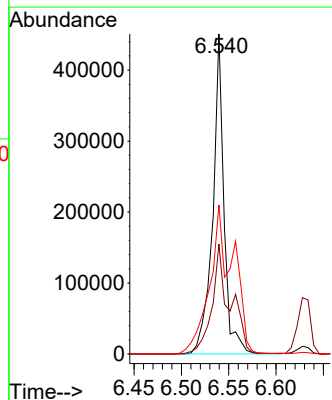
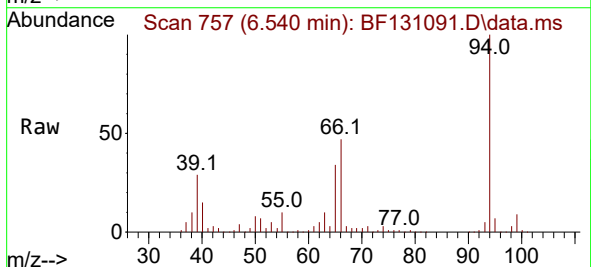
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ClientSampleId :
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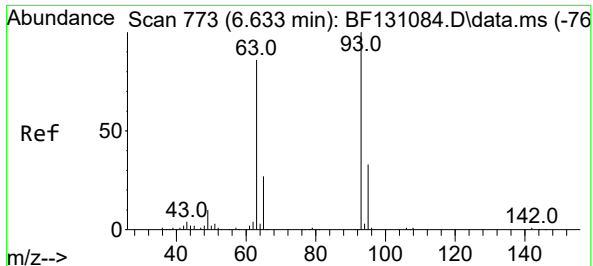
Tgt Ion: 77 Resp: 139921
Ion Ratio Lower Upper
77 100
105 97.2 70.1 110.1
106 91.6 67.3 107.3



#10
Phenol
Concen: 42.788 ng
RT: 6.540 min Scan# 757
Delta R.T. 0.000 min
Lab File: BF131091.D
Acq: 09 Nov 2022 17:25

Tgt Ion: 94 Resp: 373332
Ion Ratio Lower Upper
94 100
65 34.4 14.8 54.8
66 46.6 27.5 67.5





#11

bis(2-Chloroethyl)ether

Concen: 46.414 ng

RT: 6.628 min Scan# 772

Delta R.T. -0.006 min

Lab File: BF131091.D

Acq: 09 Nov 2022 17:25

Instrument :

BNA_F

ClientSampleId :

PB148687BSD

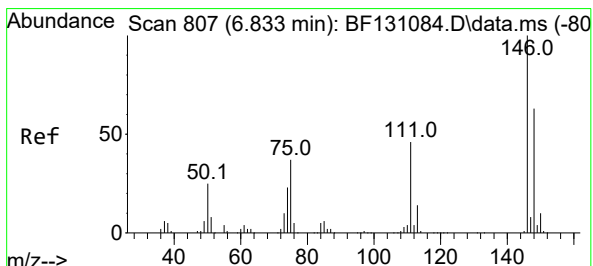
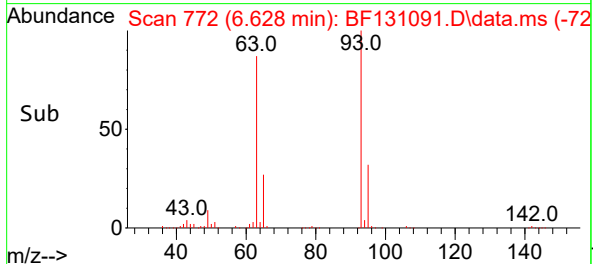
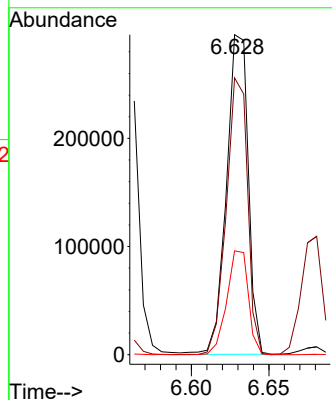
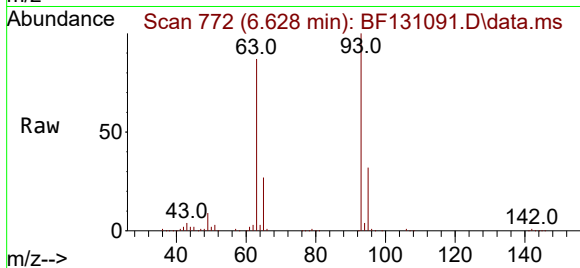
Tgt Ion: 93 Resp: 289736

Ion Ratio Lower Upper

93 100

63 86.5 65.3 105.3

95 32.4 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 43.218 ng

RT: 6.834 min Scan# 807

Delta R.T. 0.000 min

Lab File: BF131091.D

Acq: 09 Nov 2022 17:25

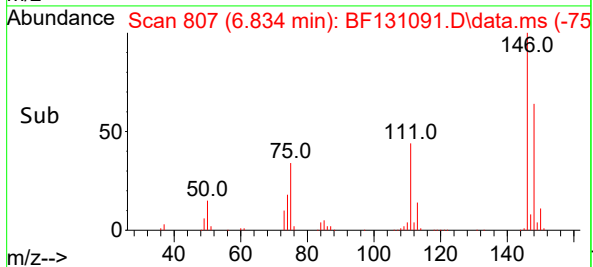
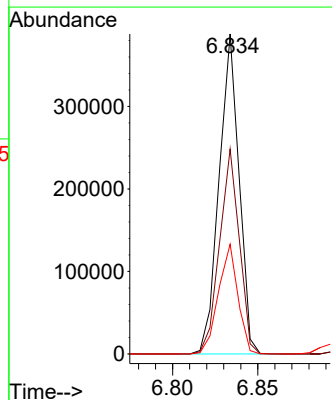
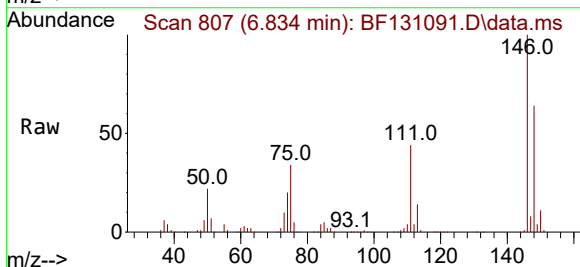
Tgt Ion: 146 Resp: 315661

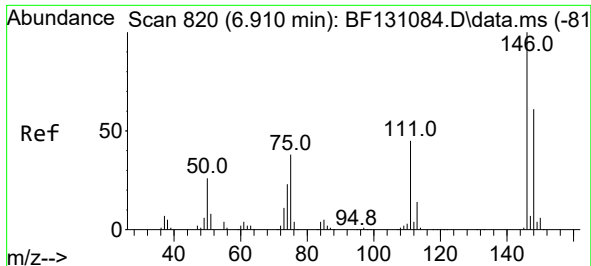
Ion Ratio Lower Upper

146 100

148 64.1 50.5 75.7

75 34.3 29.8 44.6

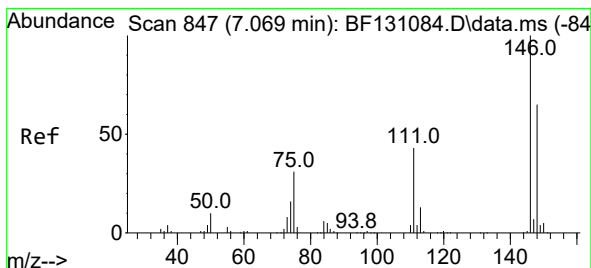
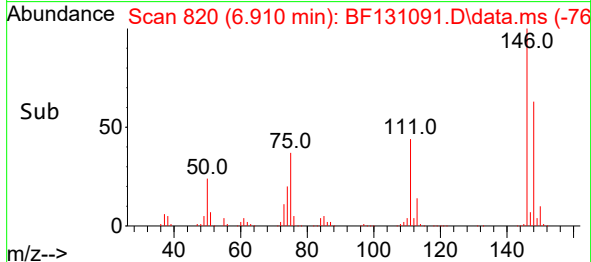
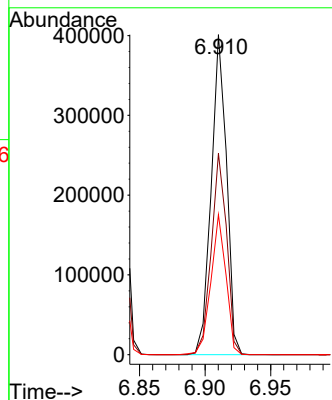
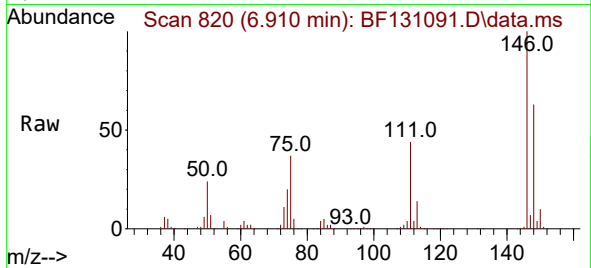




#13
1,4-Dichlorobenzene
Concen: 43.901 ng
RT: 6.910 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131091.D
Acq: 09 Nov 2022 17:25

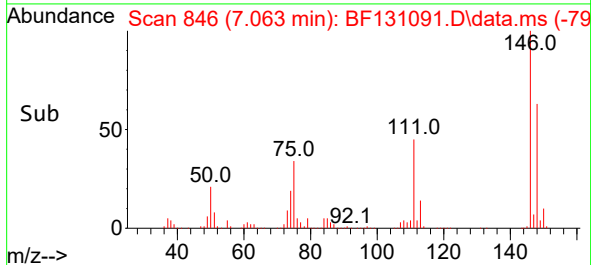
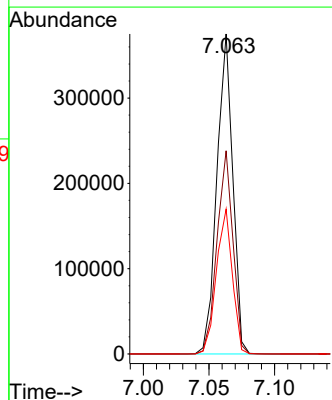
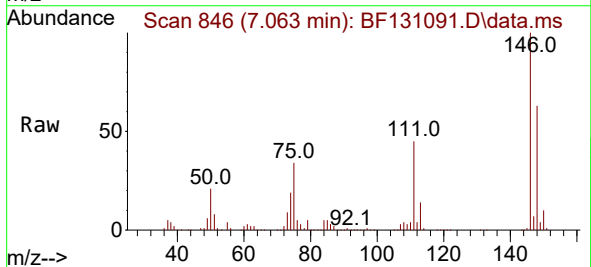
Instrument :
BNA_F
ClientSampleId :
PB148687BSD

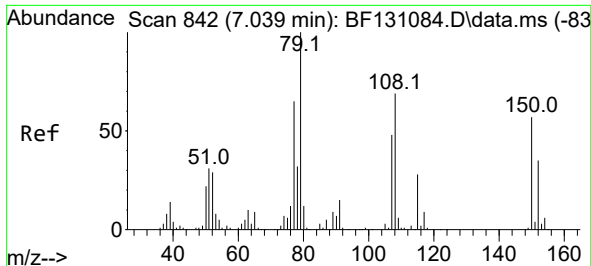
Tgt Ion:146 Resp: 325712
Ion Ratio Lower Upper
146 100
148 62.9 49.0 73.6
111 43.7 35.9 53.9



#14
1,2-Dichlorobenzene
Concen: 45.911 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF131091.D
Acq: 09 Nov 2022 17:25

Tgt Ion:146 Resp: 315522
Ion Ratio Lower Upper
146 100
148 63.5 51.8 77.8
111 45.3 34.8 52.2

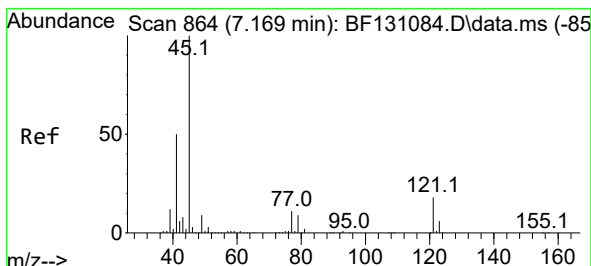
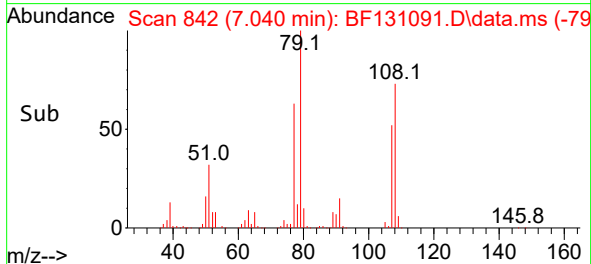
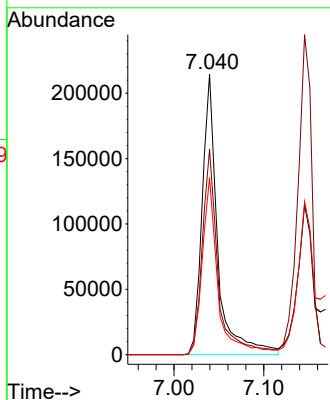
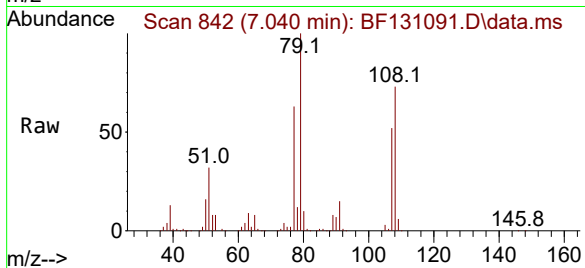




#15
Benzyl Alcohol
Concen: 45.186 ng
RT: 7.040 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF131091.D
Acq: 09 Nov 2022 17:25

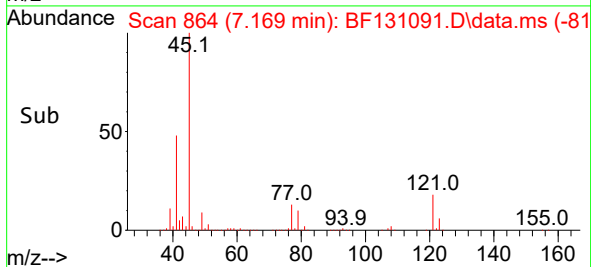
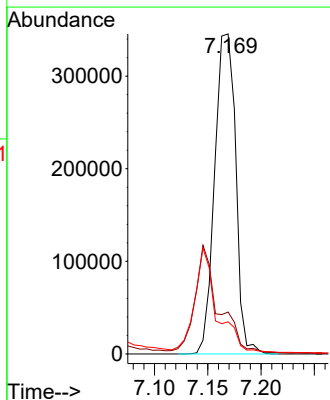
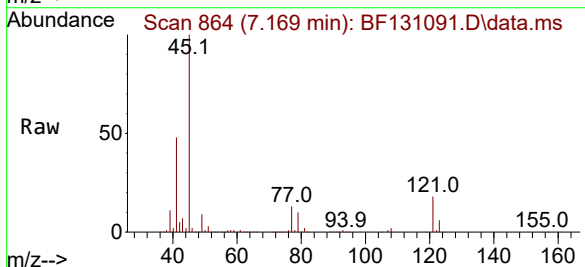
Instrument :
BNA_F
ClientSampleId :
PB148687BSD

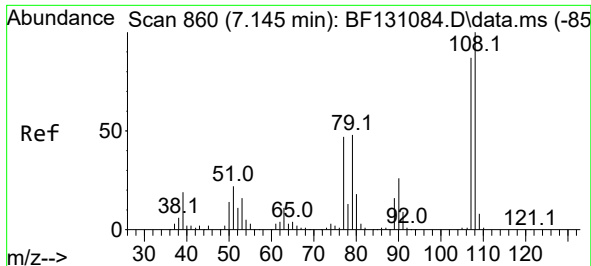
Tgt Ion: 79 Resp: 257948
Ion Ratio Lower Upper
79 100
108 73.1 55.5 83.3
77 63.1 51.8 77.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.181 ng
RT: 7.169 min Scan# 864
Delta R.T. 0.000 min
Lab File: BF131091.D
Acq: 09 Nov 2022 17:25

Tgt Ion: 45 Resp: 472907
Ion Ratio Lower Upper
45 100
77 13.1 0.0 32.5
79 10.1 0.0 30.3

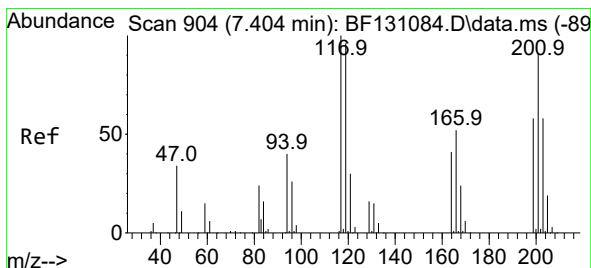
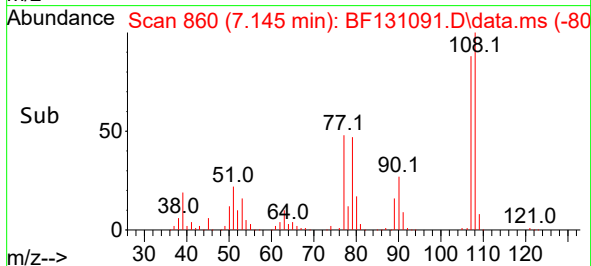
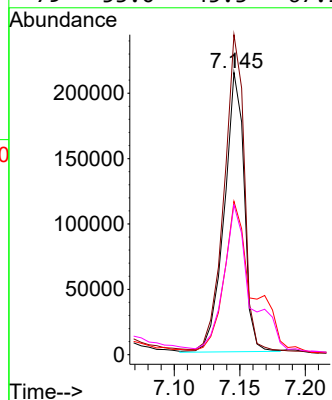
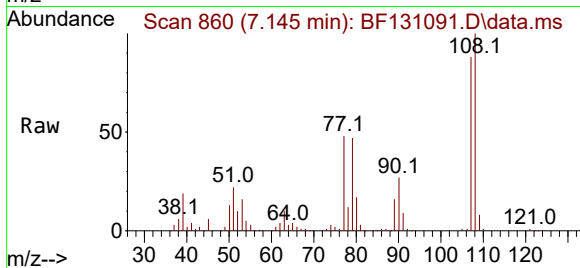




#17
2-Methylphenol
Concen: 41.115 ng
RT: 7.145 min Scan# 860
Delta R.T. 0.000 min
Lab File: BF131091.D
Acq: 09 Nov 2022 17:25

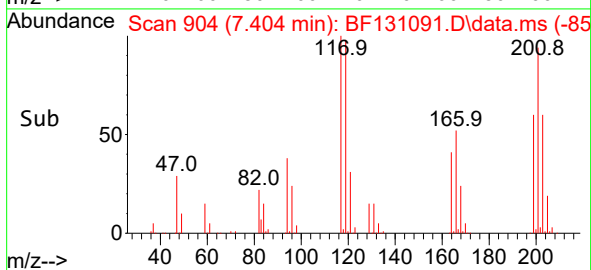
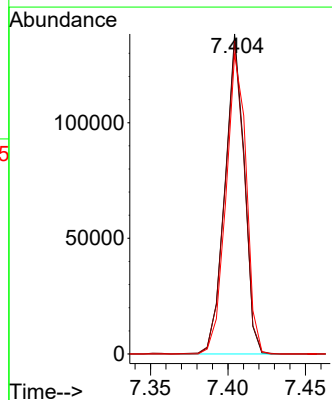
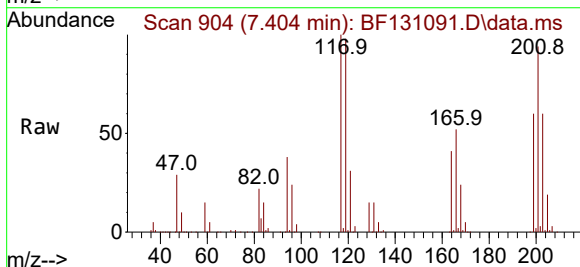
Instrument :
BNA_F
ClientSampleId :
PB148687BSD

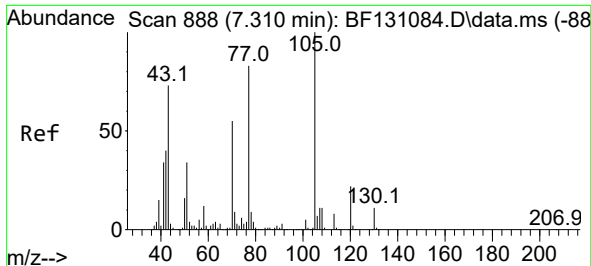
Tgt Ion:	107	Resp:	225854
Ion	Ratio	Lower	Upper
107	100		
108	113.4	91.8	137.6
77	54.3	44.2	66.2
79	53.0	45.3	67.9



#18
Hexachloroethane
Concen: 43.174 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.000 min
Lab File: BF131091.D
Acq: 09 Nov 2022 17:25

Tgt Ion:	117	Resp:	119442
Ion	Ratio	Lower	Upper
117	100		
119	97.9	77.0	115.4
201	93.7	72.6	109.0



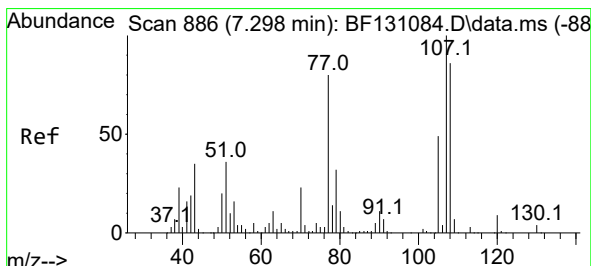
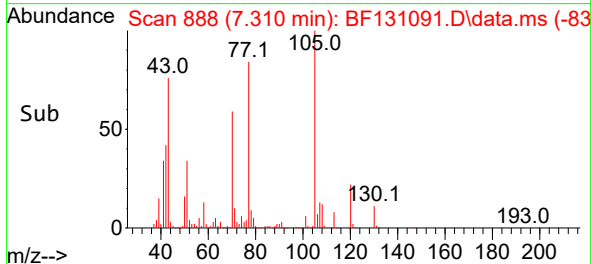
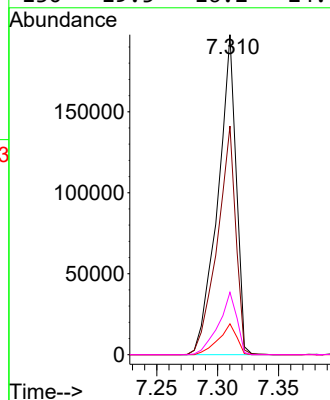
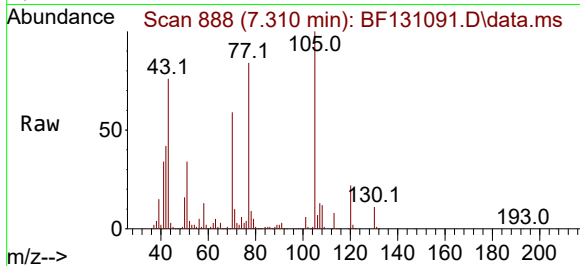


#19
n-Nitroso-di-n-propylamine
Concen: 42.339 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF131091.D
Acq: 09 Nov 2022 17:25

Instrument :
BNA_F
ClientSampleId :
PB148687BSD

Tgt Ion: 70 Resp: 207491

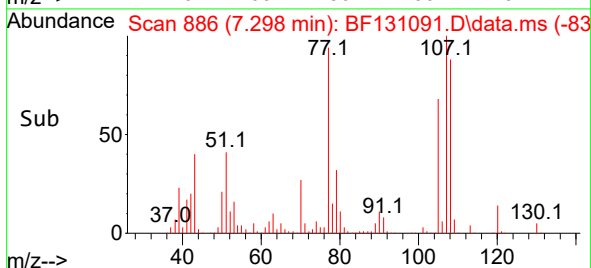
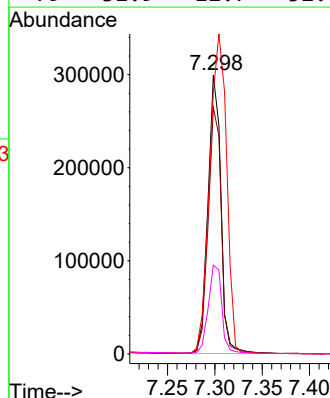
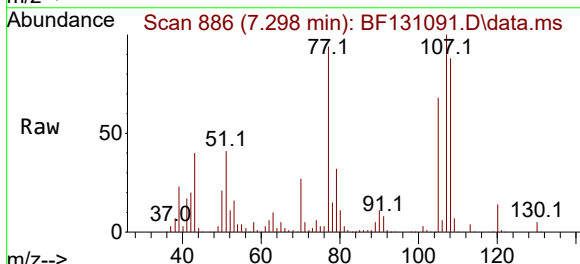
Ion	Ratio	Lower	Upper
70	100		
42	71.4	58.3	87.5
101	9.7	7.4	11.2
130	19.5	16.2	24.4

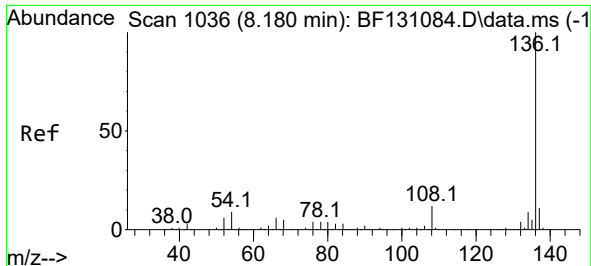


#20
3+4-Methylphenols
Concen: 41.317 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF131091.D
Acq: 09 Nov 2022 17:25

Tgt Ion: 107 Resp: 283572

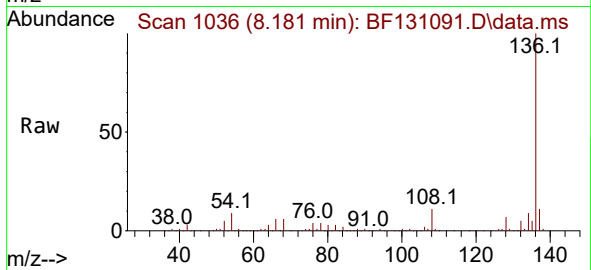
Ion	Ratio	Lower	Upper
107	100		
108	88.4	66.3	106.3
77	93.7	59.9	99.9
79	31.9	12.7	52.7



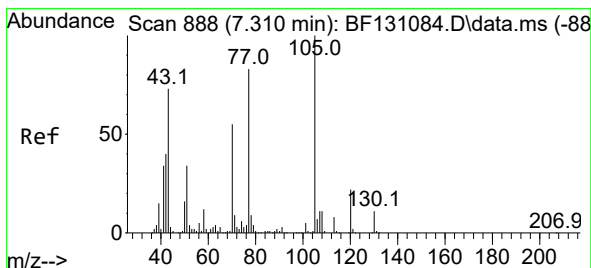
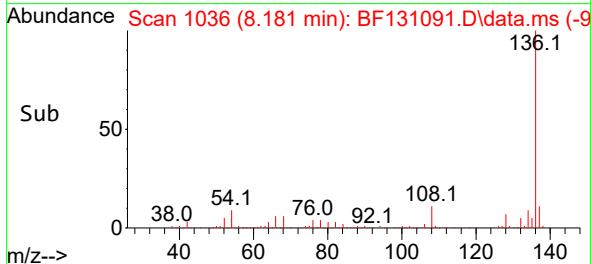
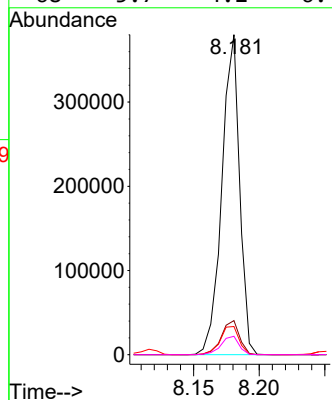


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1036
Delta R.T. 0.001 min
Lab File: BF131091.D
Acq: 09 Nov 2022 17:25

Instrument :
BNA_F
ClientSampleId :
PB148687BSD

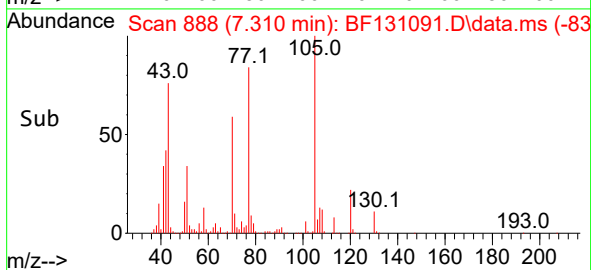
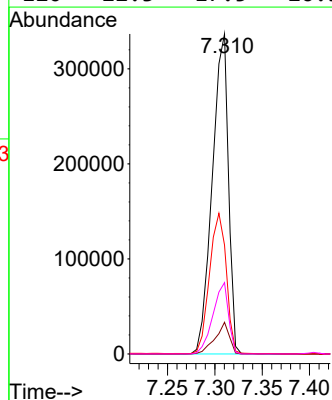
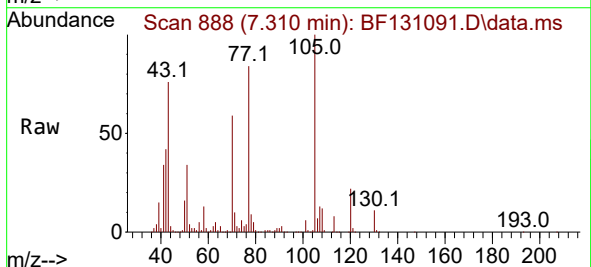


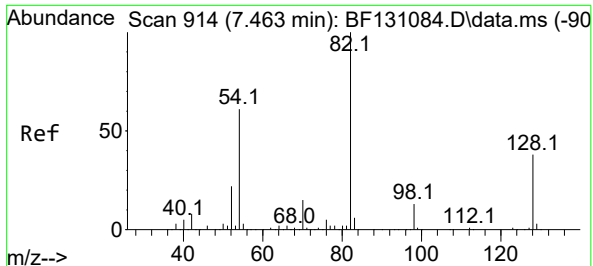
Tgt Ion:136 Resp: 355756
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 8.8 7.2 10.8
68 5.7 4.2 6.4



#22
Acetophenone
Concen: 44.660 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF131091.D
Acq: 09 Nov 2022 17:25

Tgt Ion:105 Resp: 397610
Ion Ratio Lower Upper
105 100
71 9.9 7.0 10.4
51 34.0 27.0 40.6
120 22.3 17.5 26.3





#23

Nitrobenzene-d5

Concen: 80.391 ng

RT: 7.463 min Scan# 914

Delta R.T. 0.000 min

Lab File: BF131091.D

Acq: 09 Nov 2022 17:25

Instrument :

BNA_F

ClientSampleId :

PB148687BSD

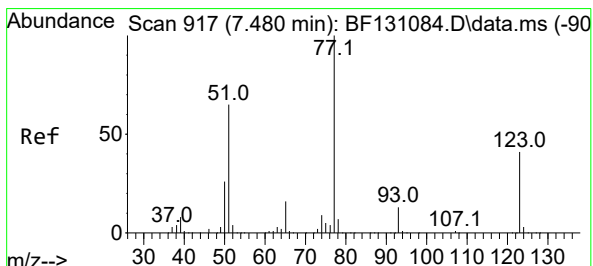
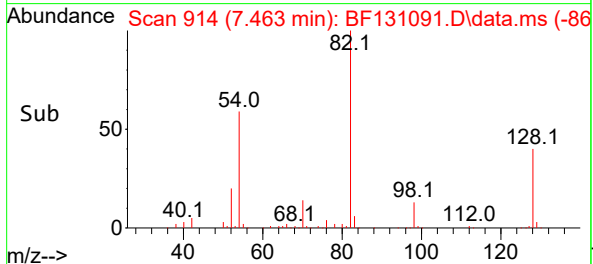
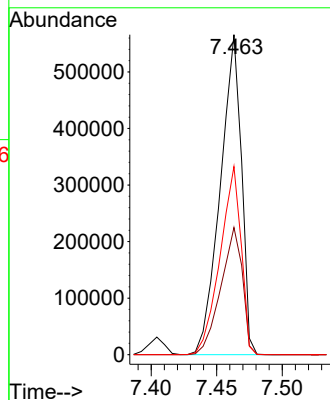
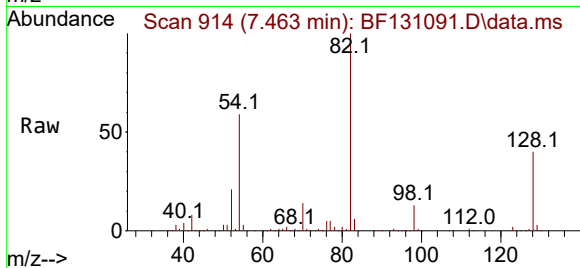
Tgt Ion: 82 Resp: 633873

Ion Ratio Lower Upper

82 100

128 39.8 30.5 45.7

54 58.8 49.1 73.7



#24

Nitrobenzene

Concen: 42.345 ng

RT: 7.481 min Scan# 917

Delta R.T. 0.000 min

Lab File: BF131091.D

Acq: 09 Nov 2022 17:25

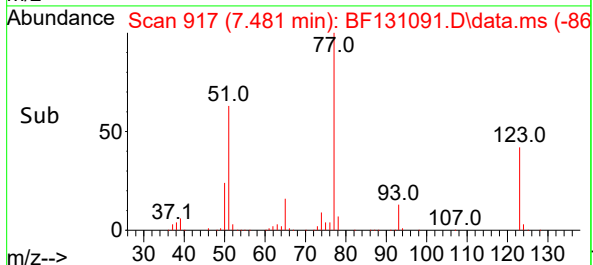
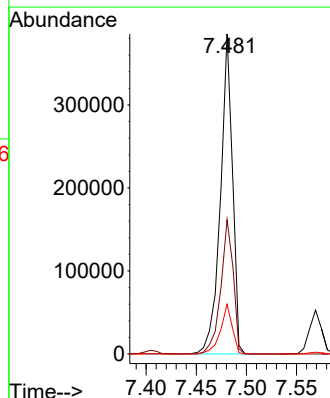
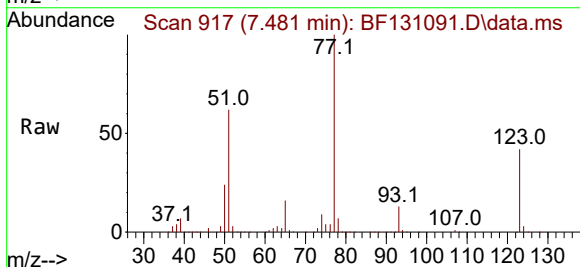
Tgt Ion: 77 Resp: 323426

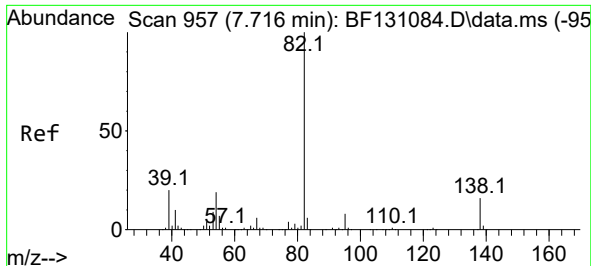
Ion Ratio Lower Upper

77 100

123 42.0 32.8 49.2

65 15.5 12.4 18.6

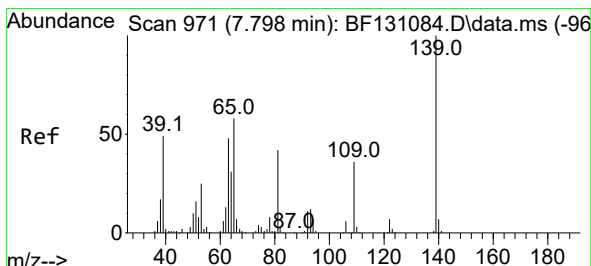
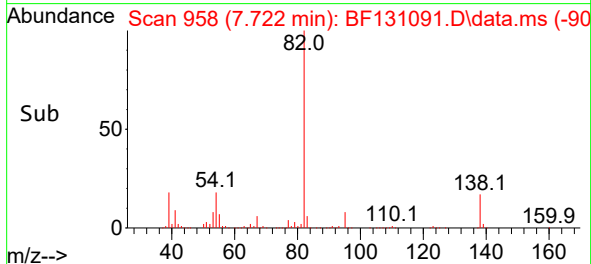
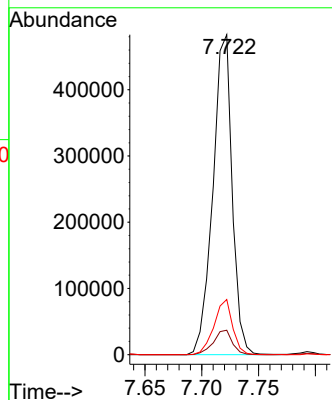
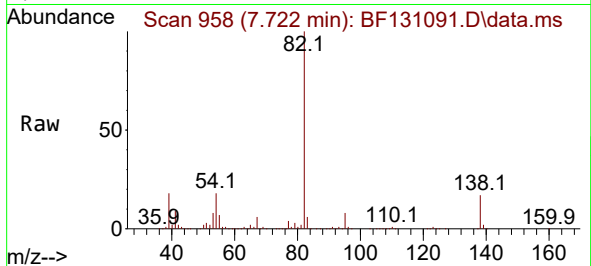




#25
Isophorone
Concen: 46.825 ng
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF131091.D
Acq: 09 Nov 2022 17:25

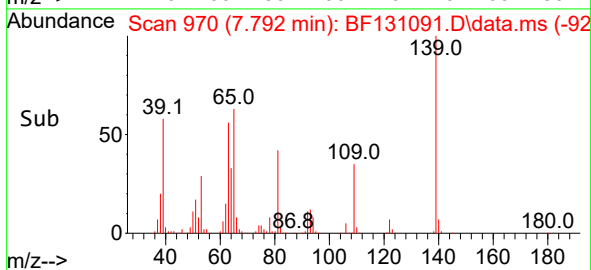
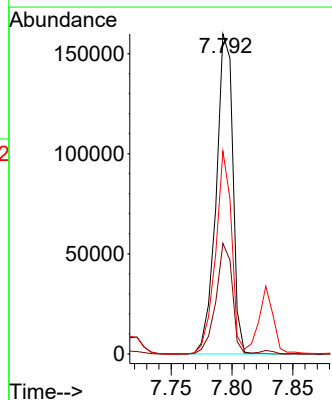
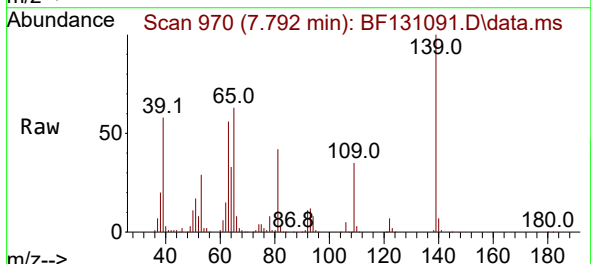
Instrument :
BNA_F
ClientSampleId :
PB148687BSD

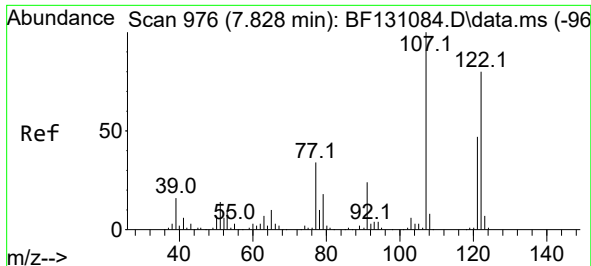
Tgt Ion: 82 Resp: 570869
Ion Ratio Lower Upper
82 100
95 7.6 6.2 9.2
138 17.3 12.5 18.7



#26
2-Nitrophenol
Concen: 45.220 ng
RT: 7.792 min Scan# 970
Delta R.T. -0.006 min
Lab File: BF131091.D
Acq: 09 Nov 2022 17:25

Tgt Ion: 139 Resp: 153256
Ion Ratio Lower Upper
139 100
109 34.6 28.6 43.0
65 63.4 46.2 69.4

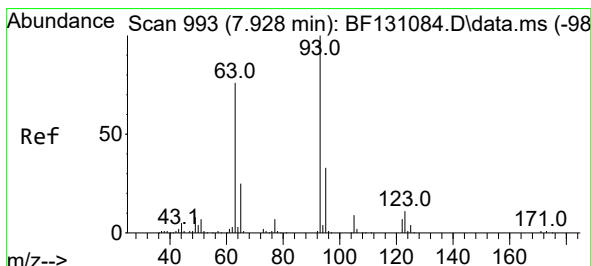
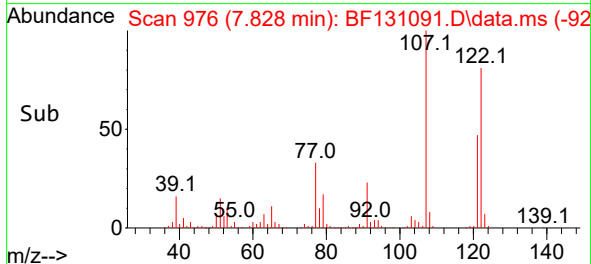
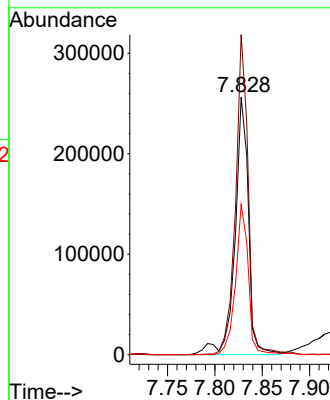
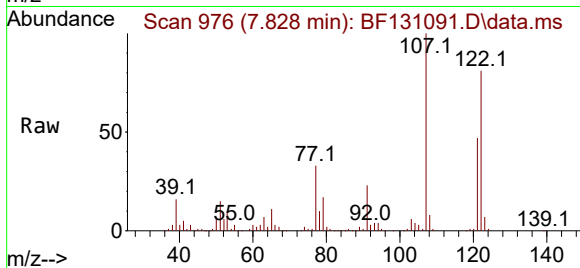




#27
2,4-Dimethylphenol
Concen: 48.301 ng
RT: 7.828 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF131091.D
Acq: 09 Nov 2022 17:25

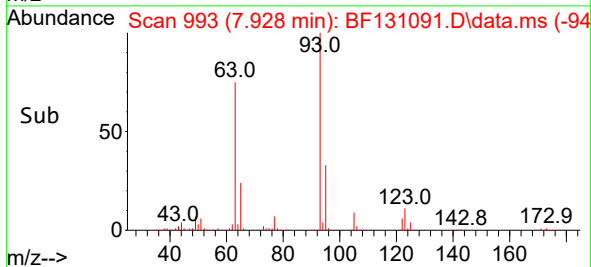
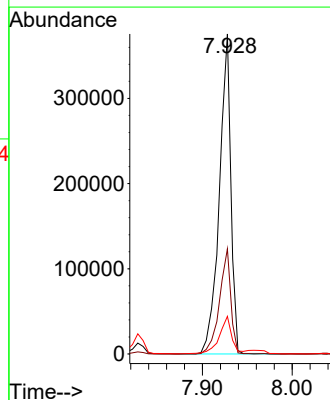
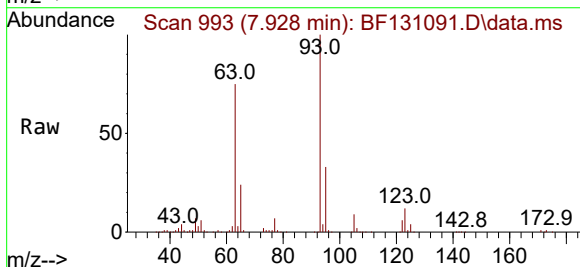
Instrument :
BNA_F
ClientSampleId :
PB148687BSD

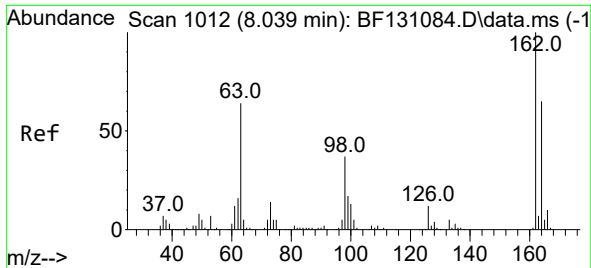
Tgt Ion:122 Resp: 251036
Ion Ratio Lower Upper
122 100
107 124.2 99.8 149.6
121 58.3 46.7 70.1



#28
bis(2-Chloroethoxy)methane
Concen: 48.541 ng
RT: 7.928 min Scan# 993
Delta R.T. -0.000 min
Lab File: BF131091.D
Acq: 09 Nov 2022 17:25

Tgt Ion: 93 Resp: 335379
Ion Ratio Lower Upper
93 100
95 32.9 26.4 39.6
123 11.7 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 42.790 ng

RT: 8.040 min Scan# 1012

Delta R.T. 0.000 min

Lab File: BF131091.D

Acq: 09 Nov 2022 17:25

Instrument :

BNA_F

ClientSampleId :

PB148687BSD

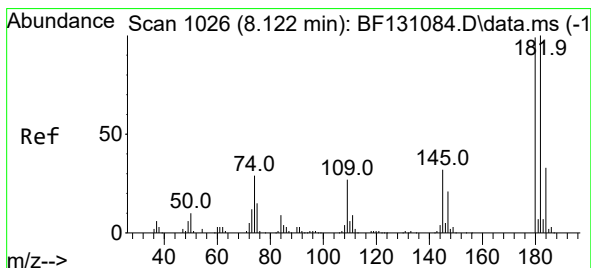
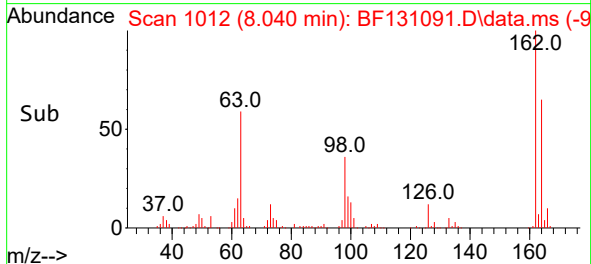
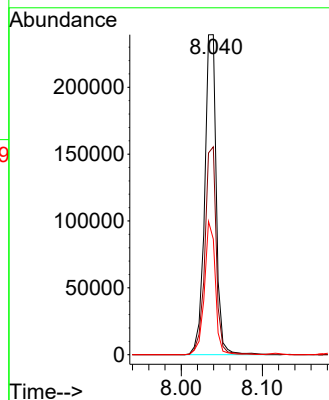
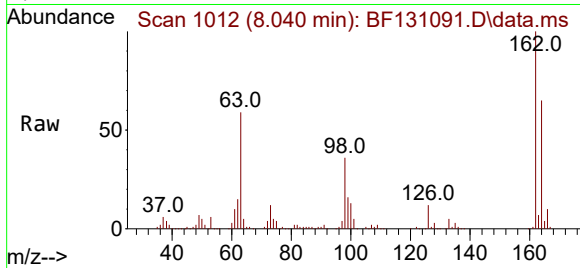
Tgt Ion:162 Resp: 237761

Ion Ratio Lower Upper

162 100

164 64.9 45.0 85.0

98 36.1 17.0 57.0



#30

1,2,4-Trichlorobenzene

Concen: 42.347 ng

RT: 8.116 min Scan# 1025

Delta R.T. -0.006 min

Lab File: BF131091.D

Acq: 09 Nov 2022 17:25

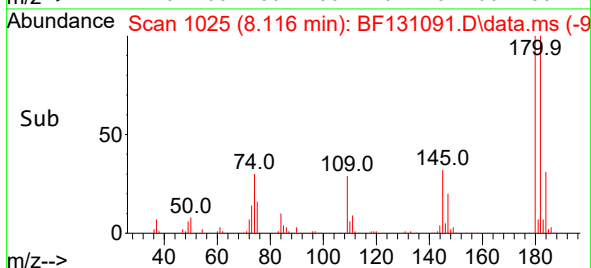
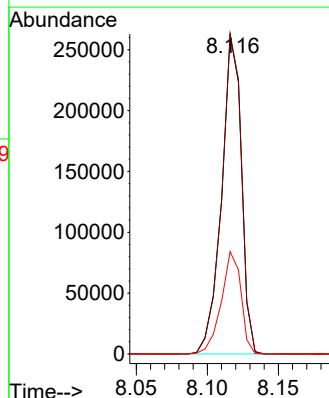
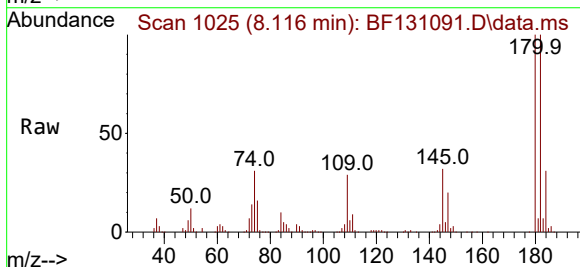
Tgt Ion:180 Resp: 253739

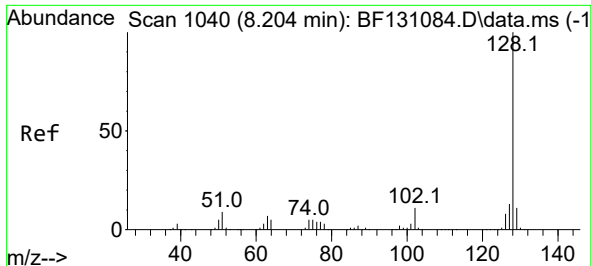
Ion Ratio Lower Upper

180 100

182 100.3 81.0 121.4

145 32.1 26.2 39.2

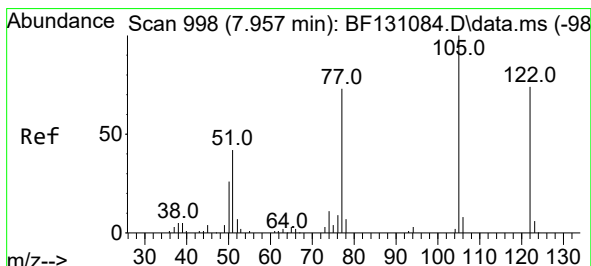
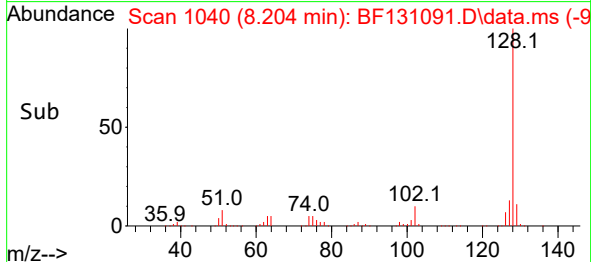
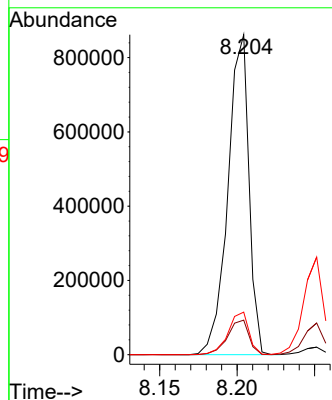
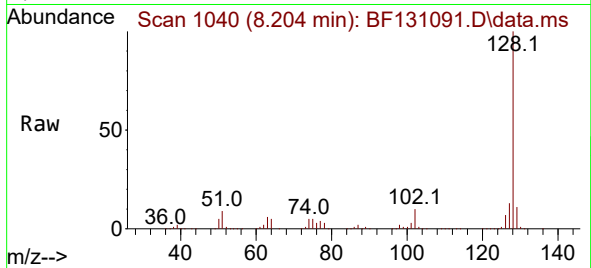




#31
Naphthalene
Concen: 41.860 ng
RT: 8.204 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF131091.D
Acq: 09 Nov 2022 17:25

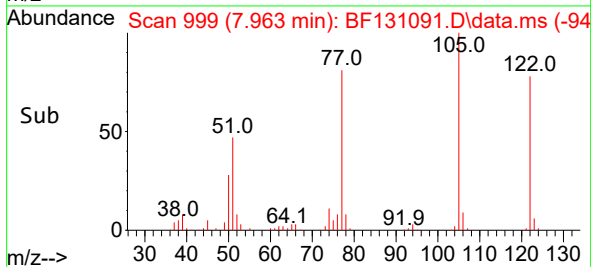
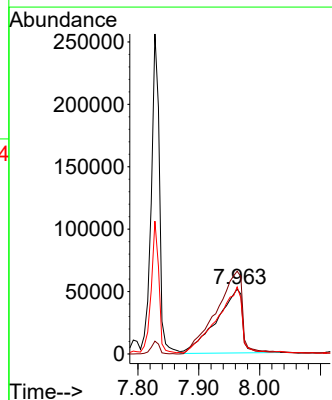
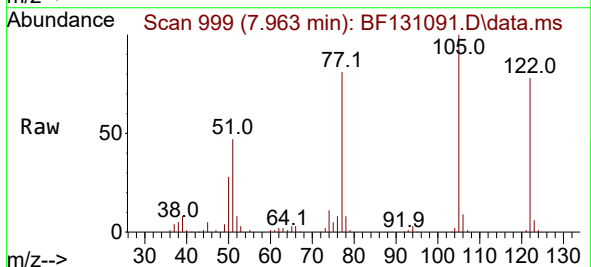
Instrument :
BNA_F
ClientSampleId :
PB148687BSD

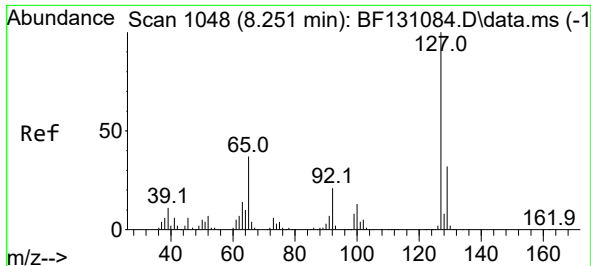
Tgt Ion:128 Resp: 813700
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.3 10.8 16.2



#32
Benzoic acid
Concen: 42.585 ng
RT: 7.963 min Scan# 999
Delta R.T. 0.006 min
Lab File: BF131091.D
Acq: 09 Nov 2022 17:25

Tgt Ion:122 Resp: 152603
Ion Ratio Lower Upper
122 100
105 127.9 113.0 153.0
77 103.6 78.7 118.7

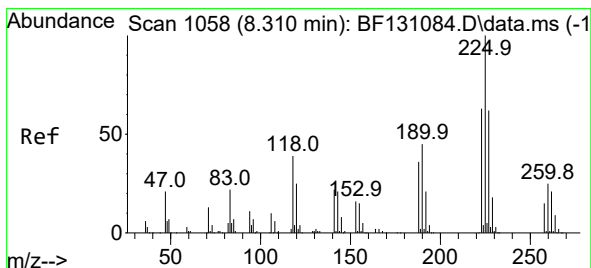
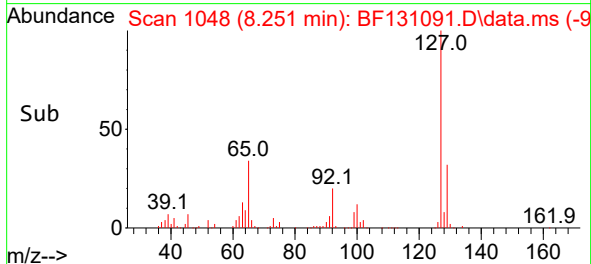
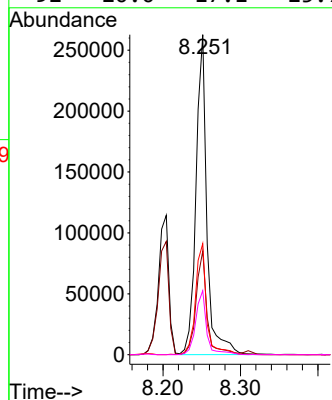
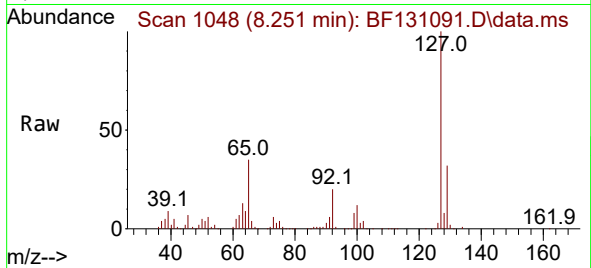




#33
4-Chloroaniline
Concen: 32.917 ng
RT: 8.251 min Scan# 1048
Delta R.T. 0.000 min
Lab File: BF131091.D
Acq: 09 Nov 2022 17:25

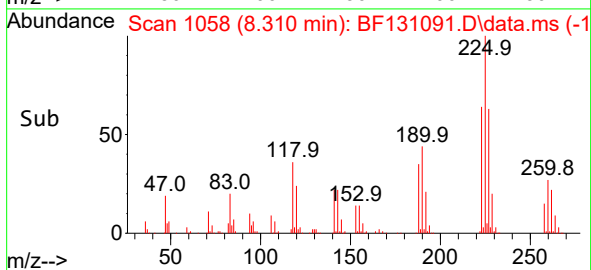
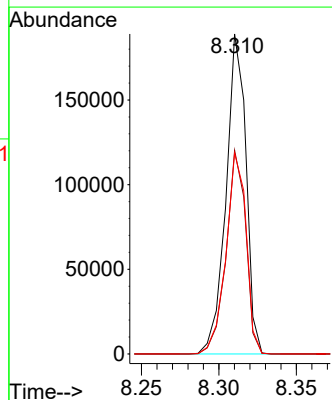
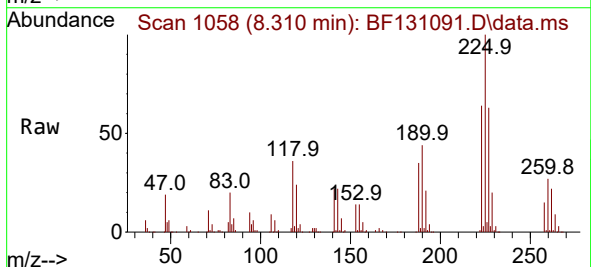
Instrument :
BNA_F
ClientSampleId :
PB148687BSD

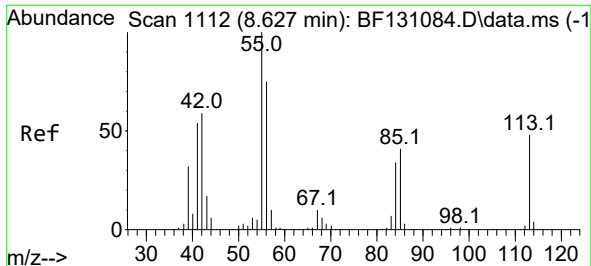
Tgt Ion:	127	Resp:	256575
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.8	38.6
65	34.7	29.6	44.4
92	20.0	17.1	25.7



#34
Hexachlorobutadiene
Concen: 41.331 ng
RT: 8.310 min Scan# 1058
Delta R.T. 0.000 min
Lab File: BF131091.D
Acq: 09 Nov 2022 17:25

Tgt Ion:	225	Resp:	169218
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.2	75.2
227	62.8	49.9	74.9

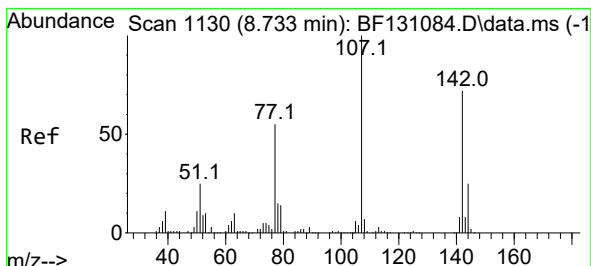
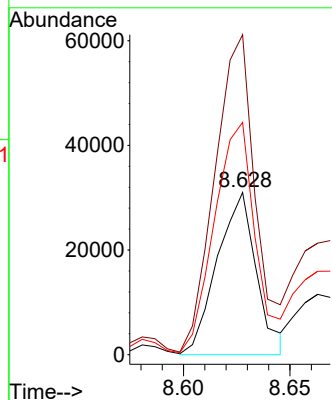
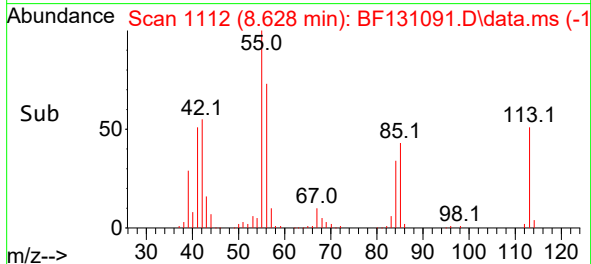
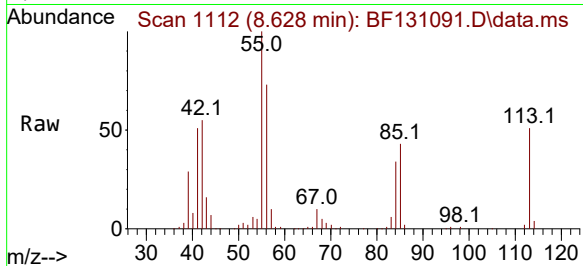




#35
 Caprolactam
 Concen: 23.313 ng
 RT: 8.628 min Scan# 1112
 Delta R.T. 0.000 min
 Lab File: BF131091.D
 Acq: 09 Nov 2022 17:25

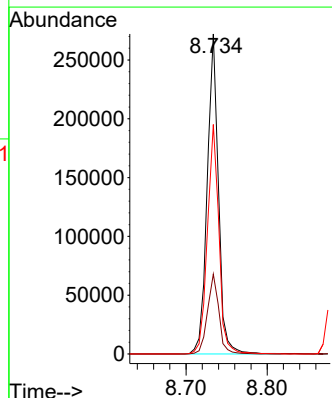
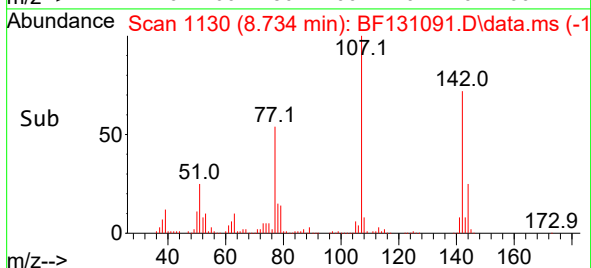
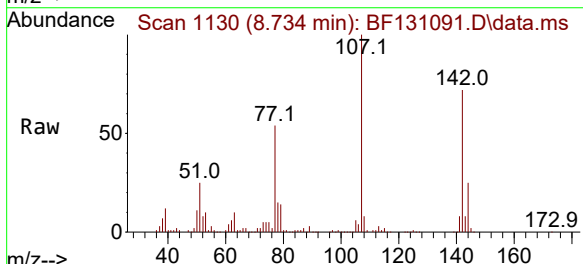
Instrument :
 BNA_F
 ClientSampleId :
 PB148687BSD

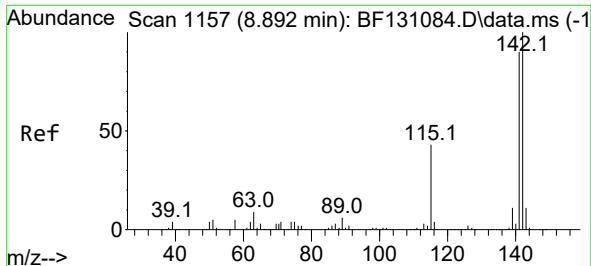
Tgt Ion:113 Resp: 39710
 Ion Ratio Lower Upper
 113 100
 55 197.1 189.1 229.1
 56 143.1 137.1 177.1



#36
 4-Chloro-3-methylphenol
 Concen: 42.412 ng
 RT: 8.734 min Scan# 1130
 Delta R.T. 0.000 min
 Lab File: BF131091.D
 Acq: 09 Nov 2022 17:25

Tgt Ion:107 Resp: 260783
 Ion Ratio Lower Upper
 107 100
 144 24.9 20.0 30.0
 142 71.7 57.6 86.4

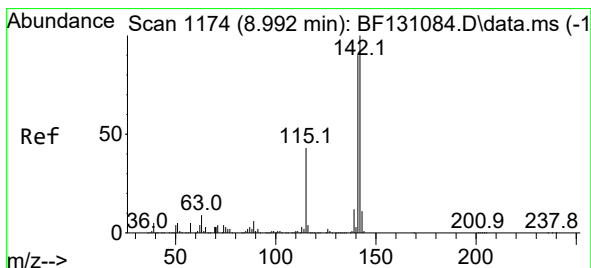
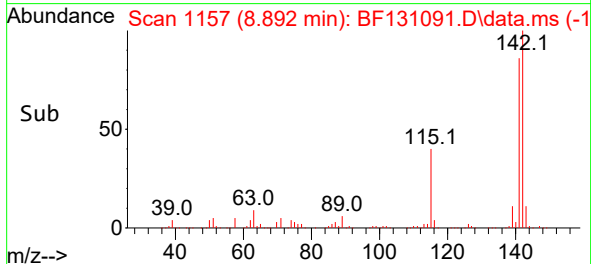
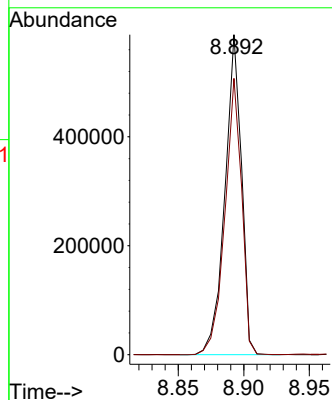
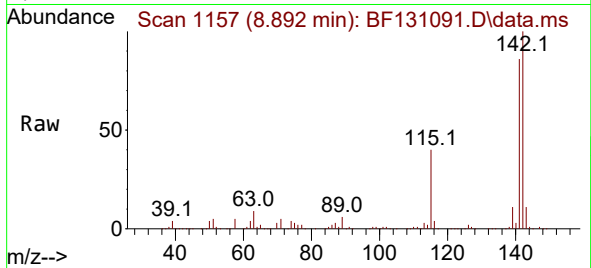




#37
2-Methylnaphthalene
Concen: 41.121 ng
RT: 8.892 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF131091.D
Acq: 09 Nov 2022 17:25

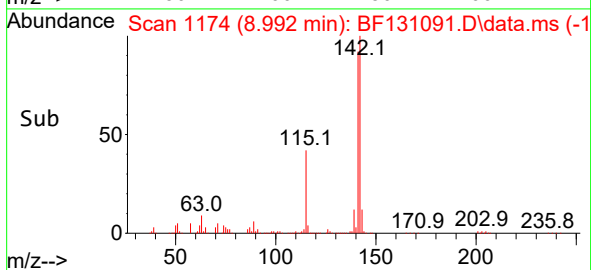
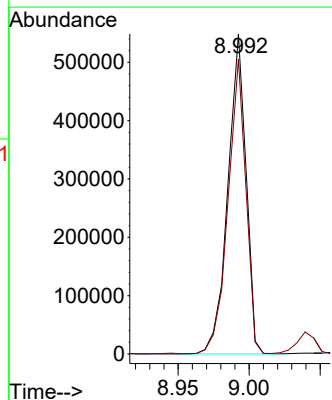
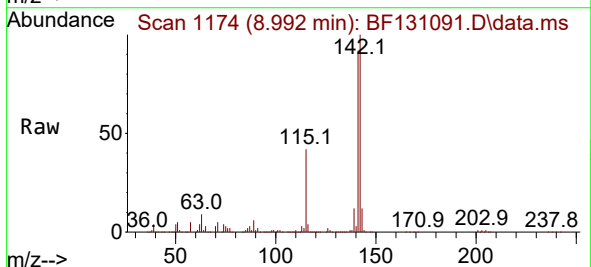
Instrument :
BNA_F
ClientSampleId :
PB148687BSD

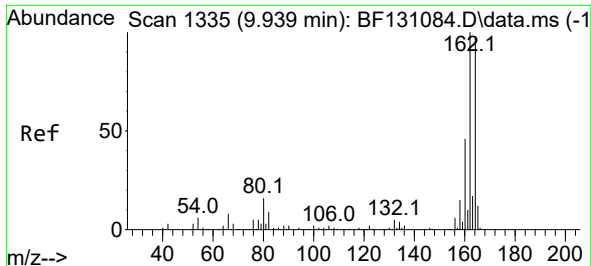
Tgt Ion:142 Resp: 515263
Ion Ratio Lower Upper
142 100
141 86.4 72.0 108.0



#38
1-Methylnaphthalene
Concen: 39.714 ng
RT: 8.992 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BF131091.D
Acq: 09 Nov 2022 17:25

Tgt Ion:142 Resp: 487345
Ion Ratio Lower Upper
142 100
141 92.2 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF131091.D

Acq: 09 Nov 2022 17:25

Instrument :

BNA_F

ClientSampleId :

PB148687BSD

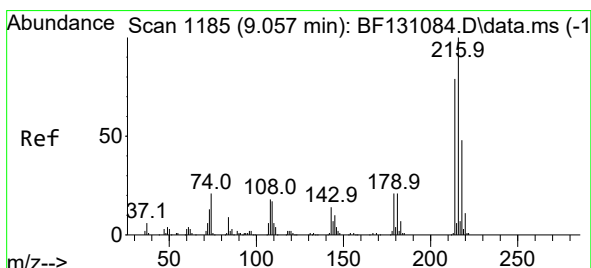
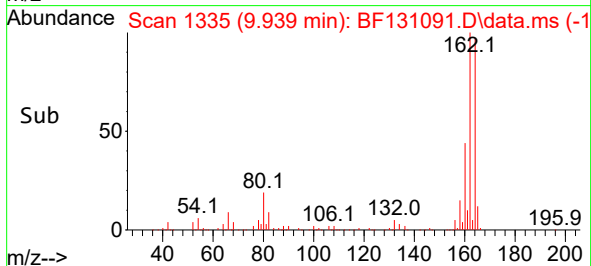
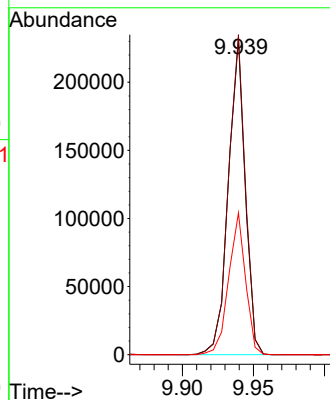
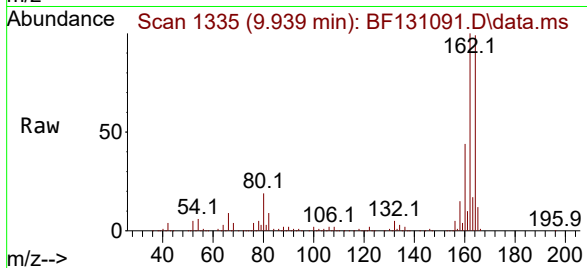
Tgt Ion:164 Resp: 191544

Ion Ratio Lower Upper

164 100

162 101.5 81.7 122.5

160 45.0 37.4 56.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.919 ng

RT: 9.057 min Scan# 1185

Delta R.T. 0.000 min

Lab File: BF131091.D

Acq: 09 Nov 2022 17:25

Tgt Ion:216 Resp: 262196

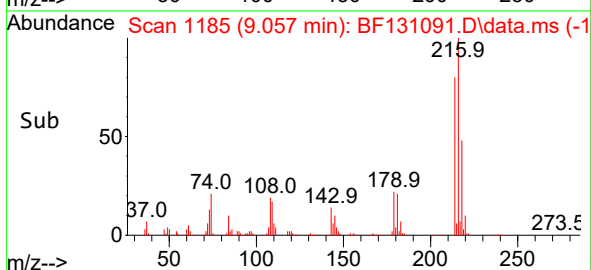
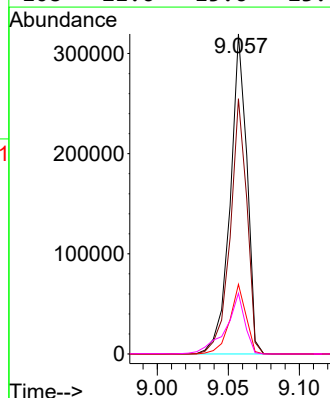
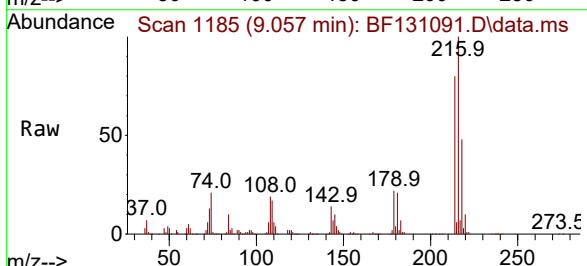
Ion Ratio Lower Upper

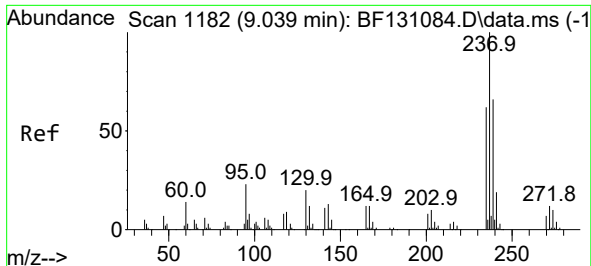
216 100

214 79.0 62.5 93.7

179 21.1 16.7 25.1

108 21.6 15.6 23.4

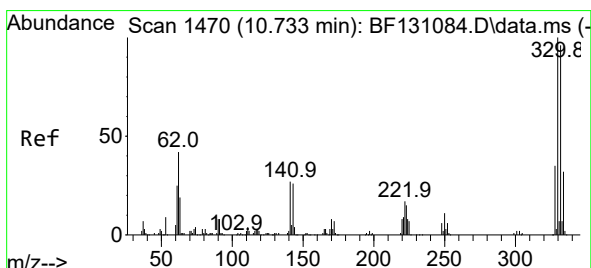
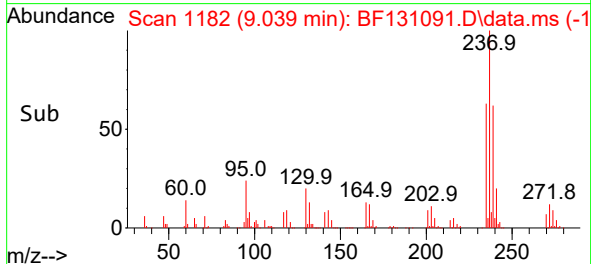
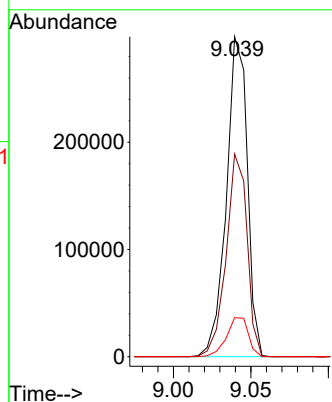
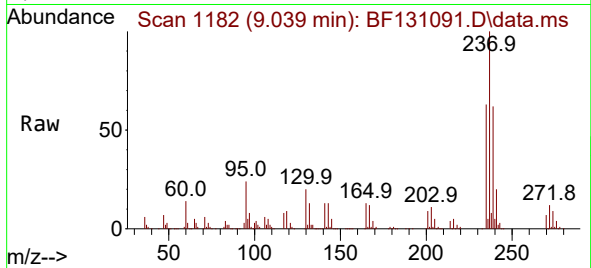




#41
Hexachlorocyclopentadiene
Concen: 114.978 ng
RT: 9.039 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BF131091.D
Acq: 09 Nov 2022 17:25

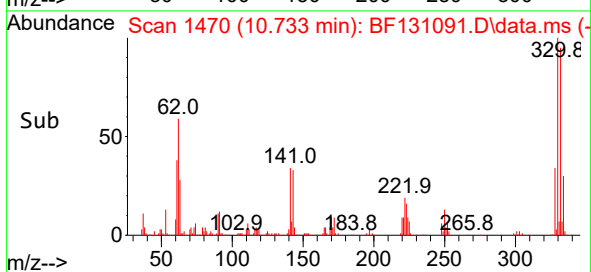
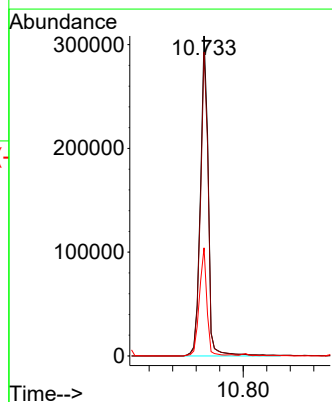
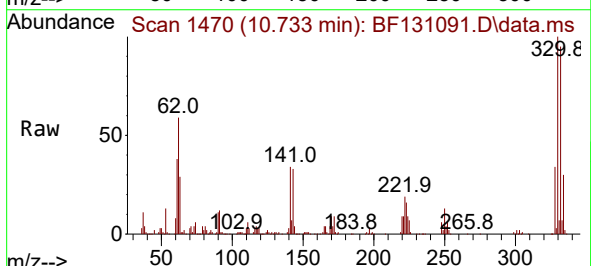
Instrument :
BNA_F
ClientSampleId :
PB148687BSD

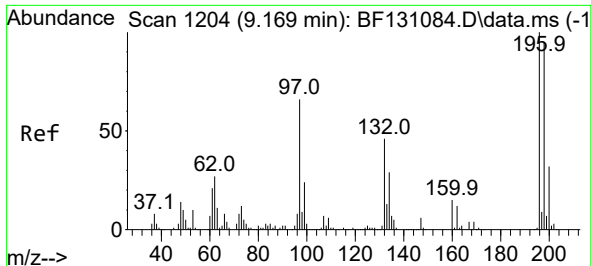
Tgt Ion:237 Resp: 280602
Ion Ratio Lower Upper
237 100
235 63.3 42.4 82.4
272 12.2 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 143.994 ng
RT: 10.733 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BF131091.D
Acq: 09 Nov 2022 17:25

Tgt Ion:330 Resp: 285044
Ion Ratio Lower Upper
330 100
332 94.7 77.0 115.4
141 32.4 28.5 42.7





#43

2,4,6-Trichlorophenol

Concen: 41.313 ng

RT: 9.169 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF131091.D

Acq: 09 Nov 2022 17:25

Instrument :

BNA_F

ClientSampleId :

PB148687BSD

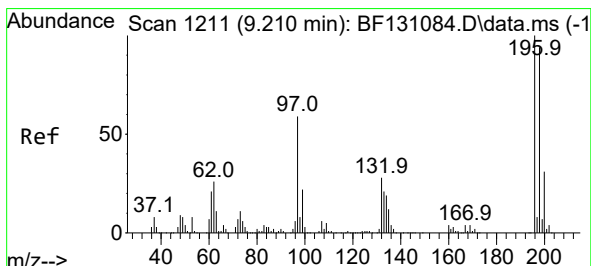
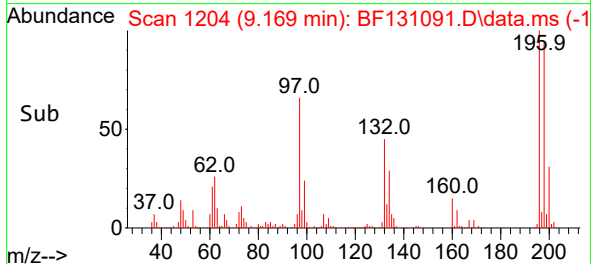
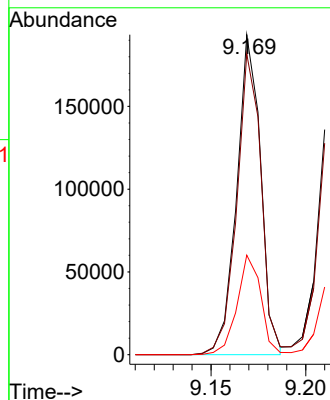
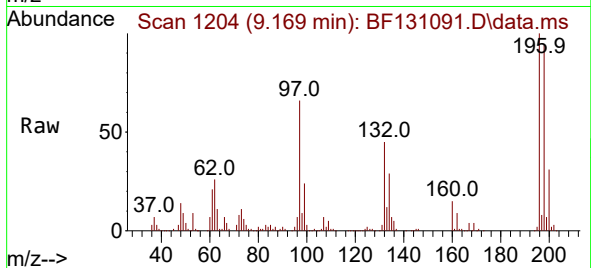
Tgt Ion:196 Resp: 169583

Ion Ratio Lower Upper

196 100

198 94.0 76.2 114.4

200 31.1 25.3 37.9



#44

2,4,5-Trichlorophenol

Concen: 41.119 ng

RT: 9.216 min Scan# 1212

Delta R.T. 0.006 min

Lab File: BF131091.D

Acq: 09 Nov 2022 17:25

Tgt Ion:196 Resp: 188840

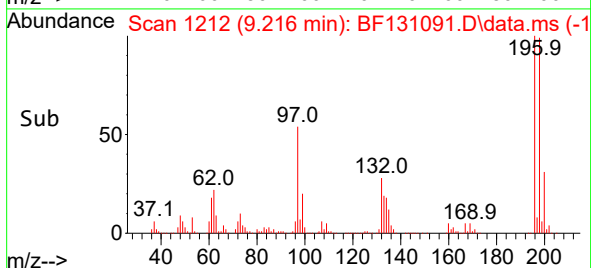
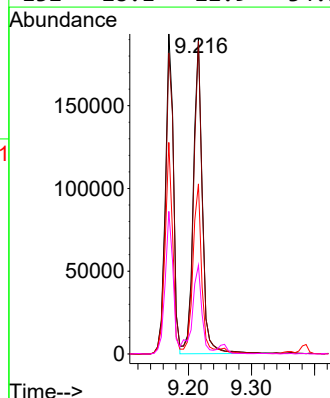
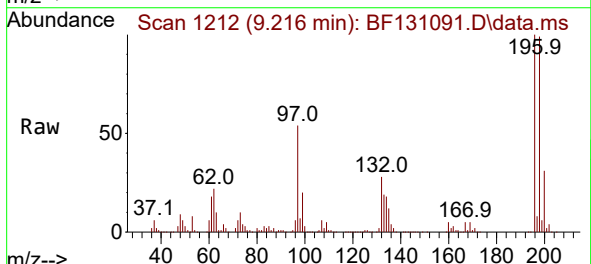
Ion Ratio Lower Upper

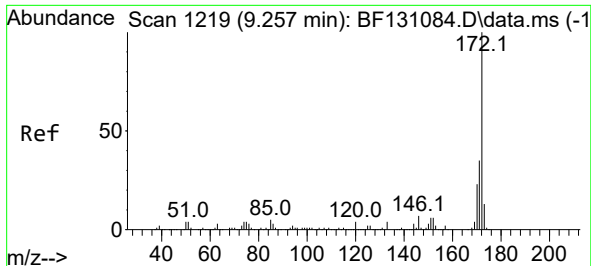
196 100

198 99.3 75.7 113.5

97 54.0 47.5 71.3

132 28.1 22.9 34.3





#45

2-Fluorobiphenyl

Concen: 77.801 ng

RT: 9.257 min Scan# 1219

Delta R.T. 0.000 min

Lab File: BF131091.D

Acq: 09 Nov 2022 17:25

Instrument :

BNA_F

ClientSampleId :

PB148687BSD

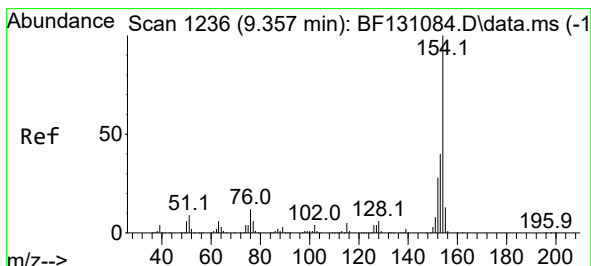
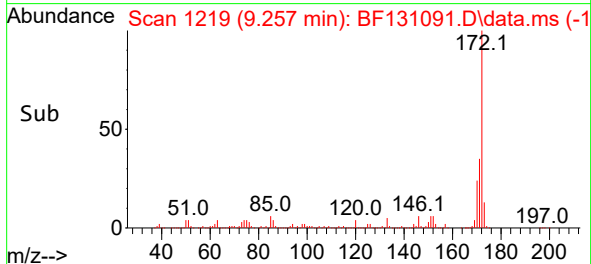
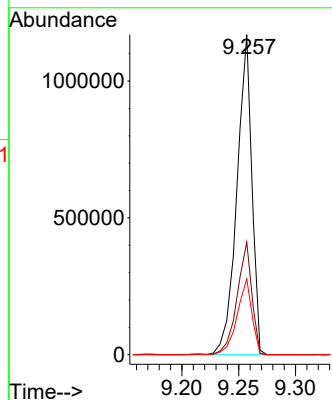
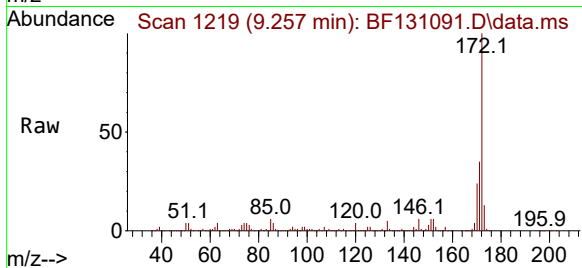
Tgt Ion:172 Resp: 1067515

Ion Ratio Lower Upper

172 100

171 35.1 27.7 41.5

170 23.7 18.8 28.2



#46

1,1'-Biphenyl

Concen: 42.892 ng

RT: 9.357 min Scan# 1236

Delta R.T. 0.000 min

Lab File: BF131091.D

Acq: 09 Nov 2022 17:25

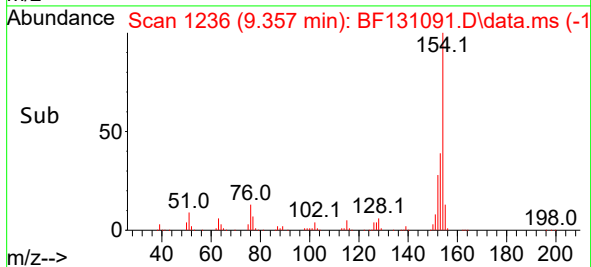
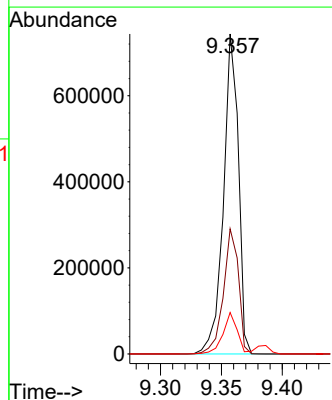
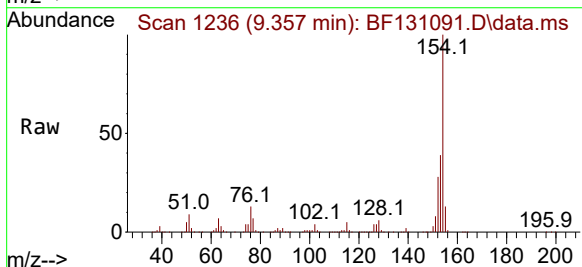
Tgt Ion:154 Resp: 635226

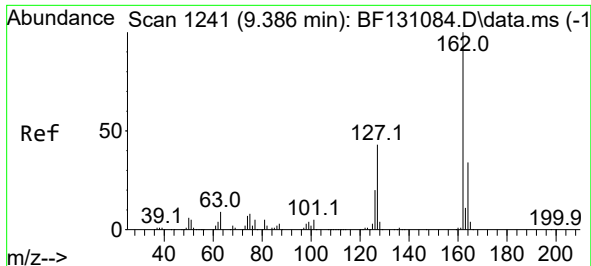
Ion Ratio Lower Upper

154 100

153 39.1 19.9 59.9

76 13.0 0.0 32.5





#47

2-Chloronaphthalene

Concen: 41.381 ng

RT: 9.386 min Scan# 1241

Delta R.T. 0.000 min

Lab File: BF131091.D

Acq: 09 Nov 2022 17:25

Instrument :

BNA_F

ClientSampleId :

PB148687BSD

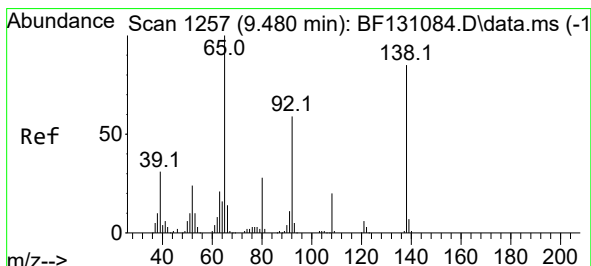
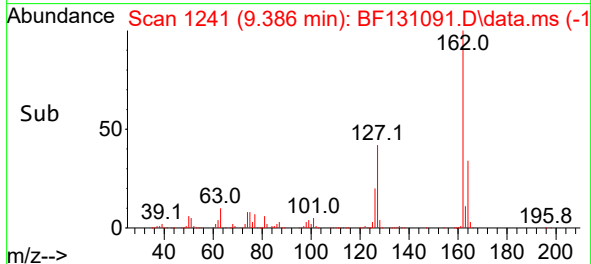
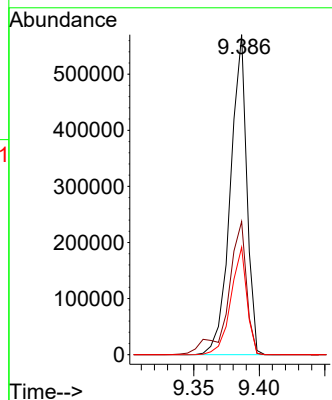
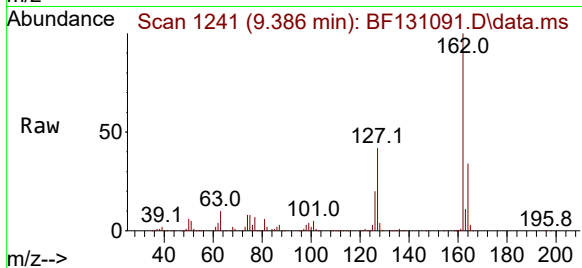
Tgt Ion:162 Resp: 497319

Ion Ratio Lower Upper

162 100

127 41.6 34.4 51.6

164 33.6 26.9 40.3



#48

2-Nitroaniline

Concen: 42.500 ng

RT: 9.486 min Scan# 1258

Delta R.T. 0.006 min

Lab File: BF131091.D

Acq: 09 Nov 2022 17:25

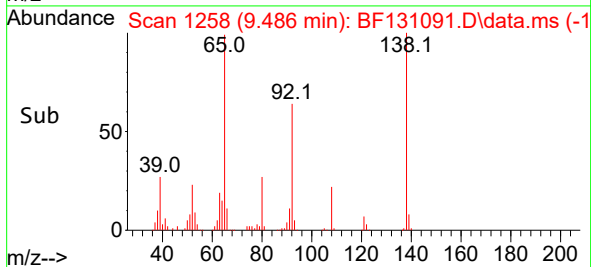
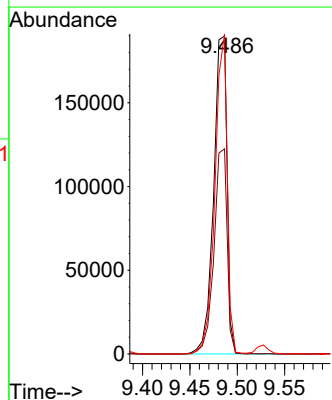
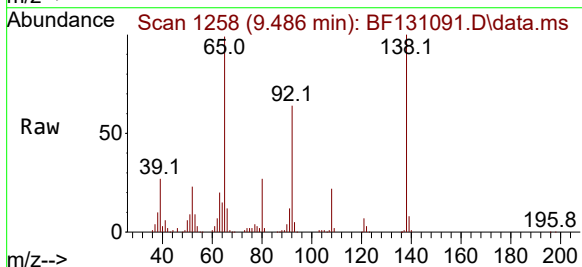
Tgt Ion: 65 Resp: 185893

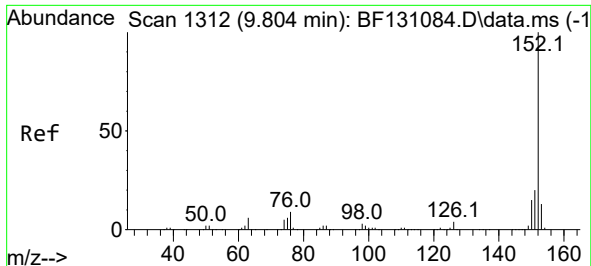
Ion Ratio Lower Upper

65 100

92 64.5 47.5 71.3

138 100.7 67.8 101.8





#49

Acenaphthylene

Concen: 42.250 ng

RT: 9.804 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF131091.D

Acq: 09 Nov 2022 17:25

Instrument :

BNA_F

ClientSampleId :

PB148687BSD

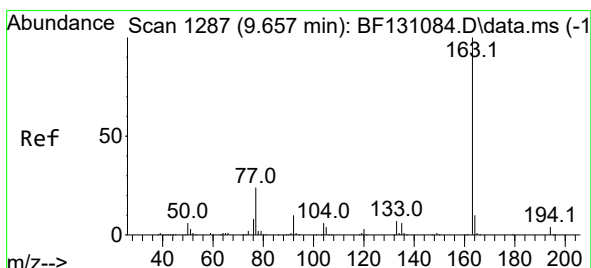
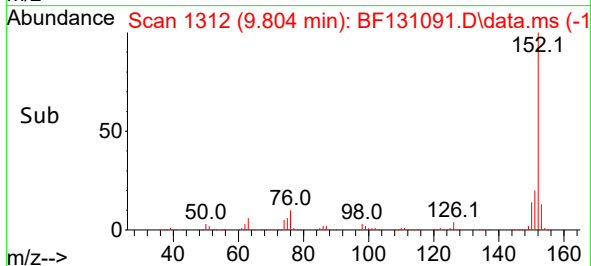
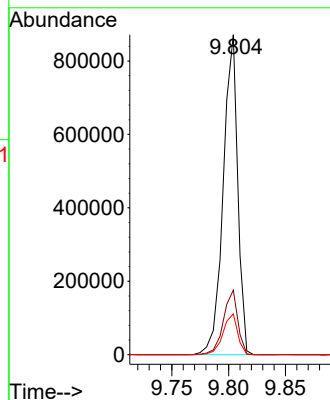
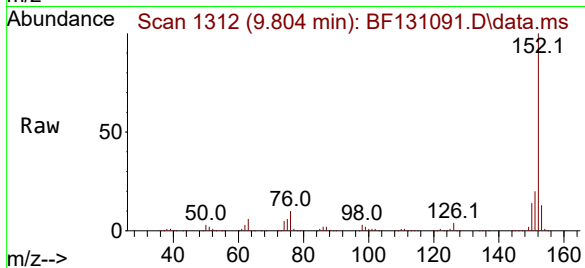
Tgt Ion:152 Resp: 775859

Ion Ratio Lower Upper

152 100

151 20.2 16.0 24.0

153 12.7 10.2 15.4



#50

Dimethylphthalate

Concen: 42.625 ng

RT: 9.663 min Scan# 1288

Delta R.T. 0.006 min

Lab File: BF131091.D

Acq: 09 Nov 2022 17:25

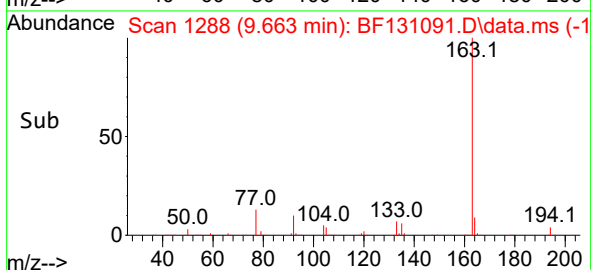
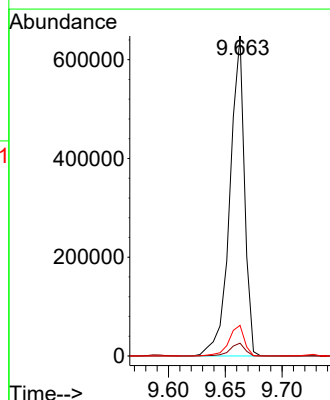
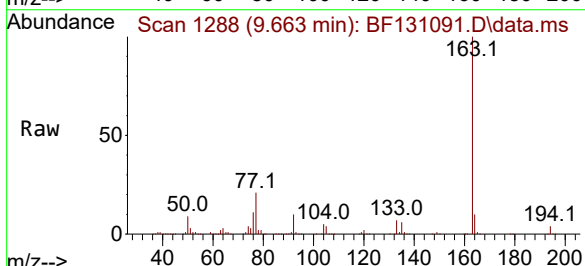
Tgt Ion:163 Resp: 580766

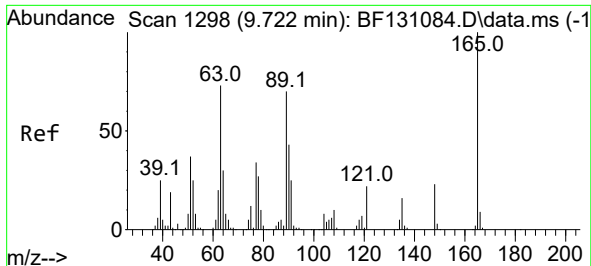
Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

164 9.6 8.2 12.2

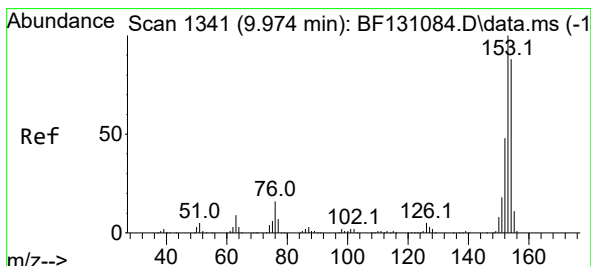
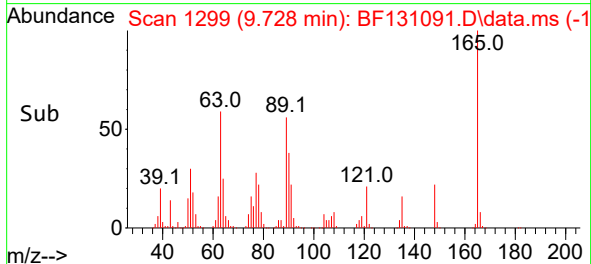
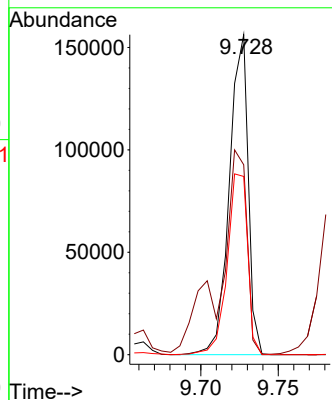
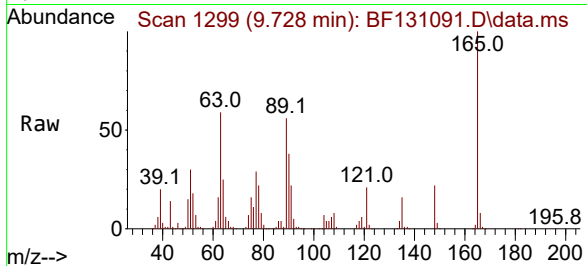




#51
2,6-Dinitrotoluene
Concen: 44.074 ng
RT: 9.728 min Scan# 1298
Delta R.T. 0.006 min
Lab File: BF131091.D
Acq: 09 Nov 2022 17:25

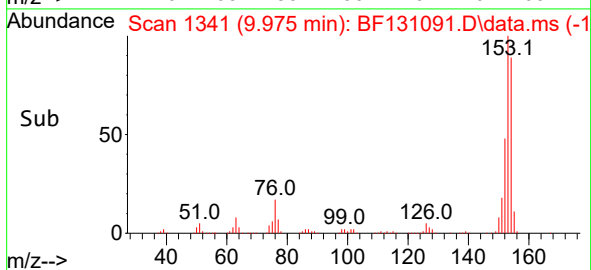
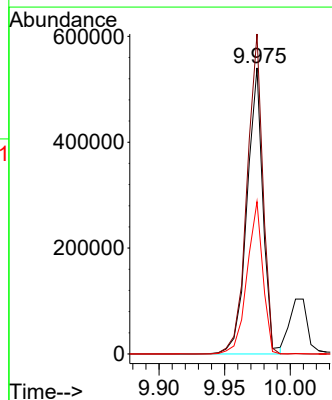
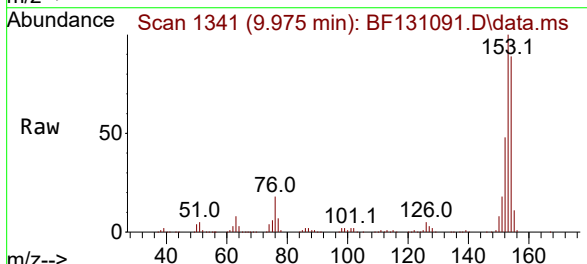
Instrument :
BNA_F
ClientSampleId :
PB148687BSD

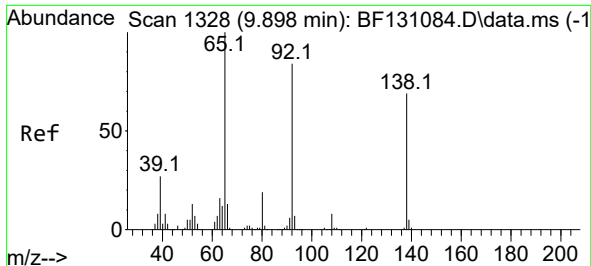
Tgt Ion:165 Resp: 131972
Ion Ratio Lower Upper
165 100
63 59.4 61.4 92.2#
89 55.7 56.0 84.0#



#52
Acenaphthene
Concen: 41.829 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BF131091.D
Acq: 09 Nov 2022 17:25

Tgt Ion:154 Resp: 458198
Ion Ratio Lower Upper
154 100
153 111.8 90.8 136.2
152 53.2 43.4 65.2

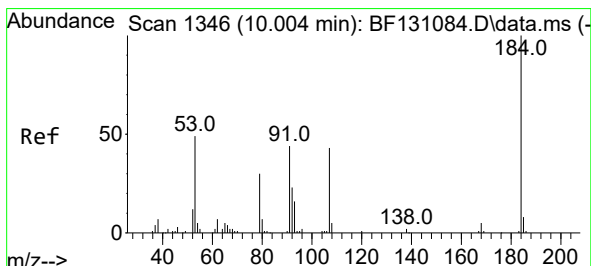
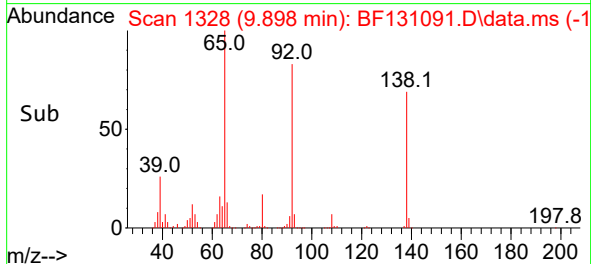
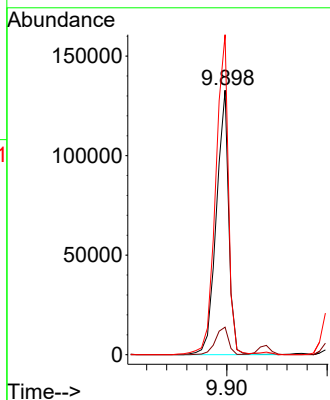
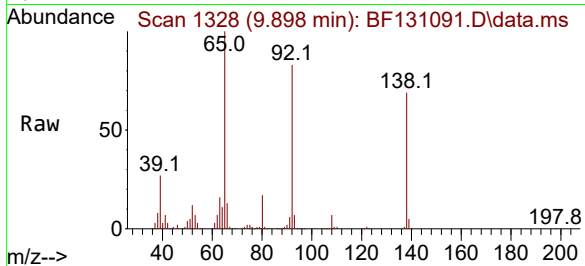




#53
3-Nitroaniline
Concen: 33.285 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131091.D
Acq: 09 Nov 2022 17:25

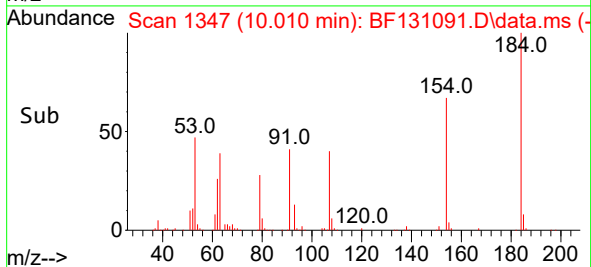
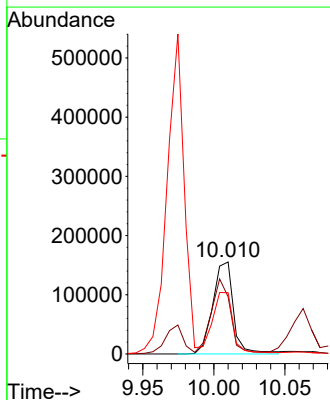
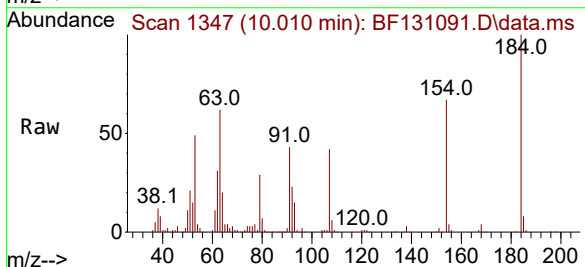
Instrument :
BNA_F
ClientSampleId :
PB148687BSD

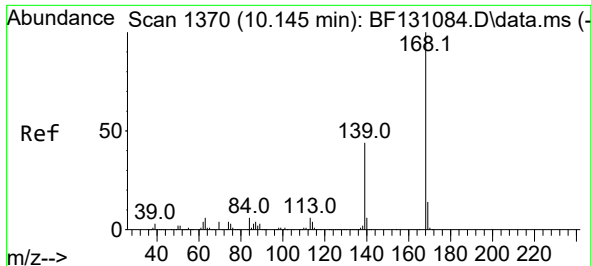
Tgt Ion:138 Resp: 113947
Ion Ratio Lower Upper
138 100
108 10.4 8.6 13.0
92 121.0 96.6 145.0



#54
2,4-Dinitrophenol
Concen: 100.195 ng
RT: 10.010 min Scan# 1347
Delta R.T. 0.006 min
Lab File: BF131091.D
Acq: 09 Nov 2022 17:25

Tgt Ion:184 Resp: 157474
Ion Ratio Lower Upper
184 100
63 62.1 53.3 79.9
154 66.7 55.5 83.3

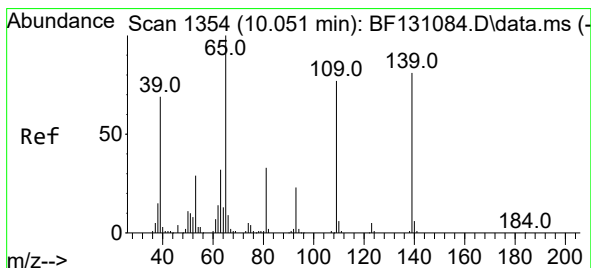
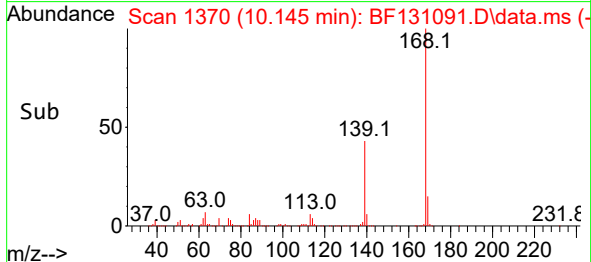
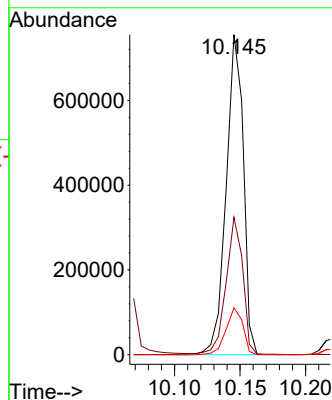
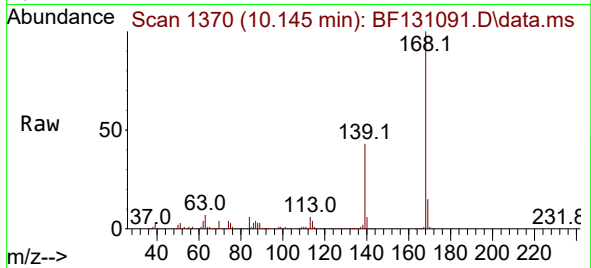




#55
Dibenzo-furan
Concen: 42.353 ng
RT: 10.145 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131091.D
Acq: 09 Nov 2022 17:25

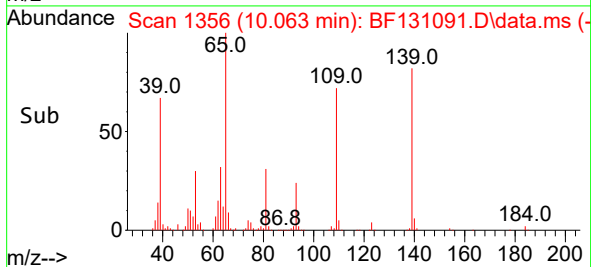
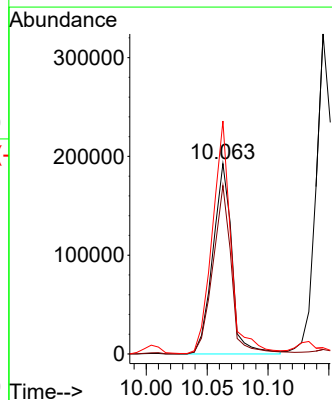
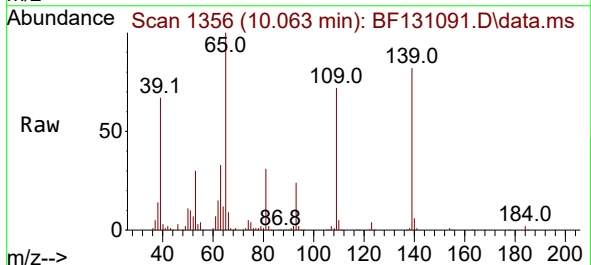
Instrument :
BNA_F
ClientSampleId :
PB148687BSD

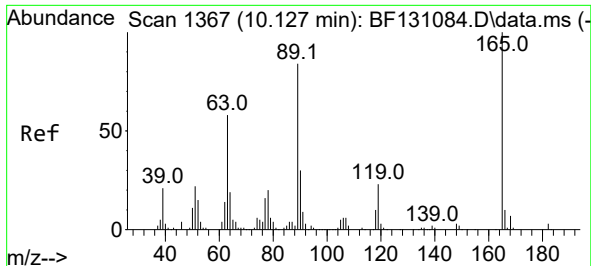
Tgt Ion:168 Resp: 687048
Ion Ratio Lower Upper
168 100
139 42.9 35.0 52.4
169 14.7 11.2 16.8



#56
4-Nitrophenol
Concen: 91.749 ng
RT: 10.063 min Scan# 1356
Delta R.T. 0.012 min
Lab File: BF131091.D
Acq: 09 Nov 2022 17:25

Tgt Ion:139 Resp: 209051
Ion Ratio Lower Upper
139 100
109 88.4 75.5 115.5
65 122.3 104.5 144.5

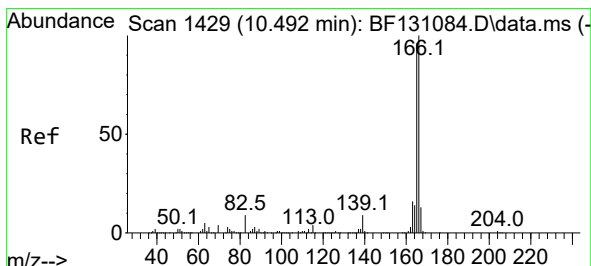
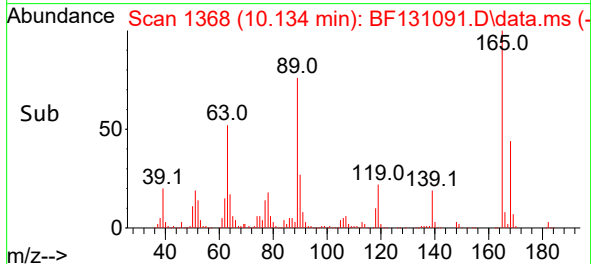
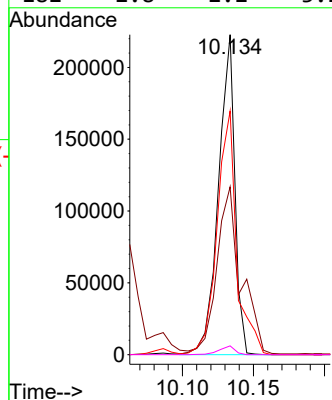
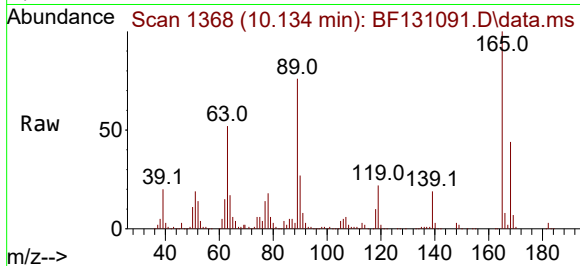




#57
2,4-Dinitrotoluene
Concen: 44.748 ng
RT: 10.134 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF131091.D
Acq: 09 Nov 2022 17:25

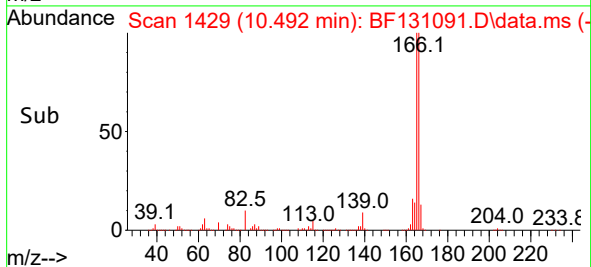
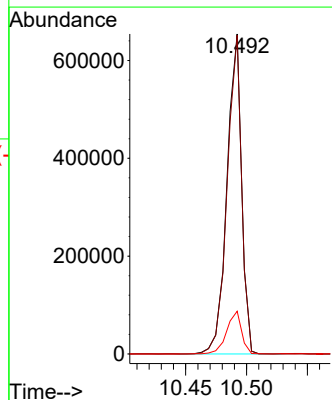
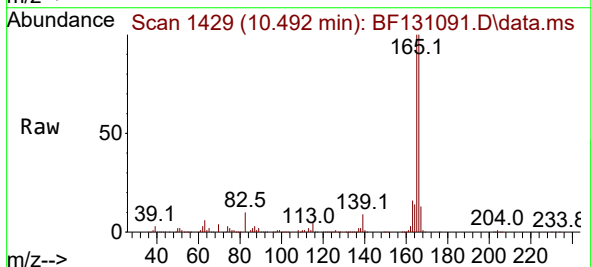
Instrument :
BNA_F
ClientSampleId :
PB148687BSD

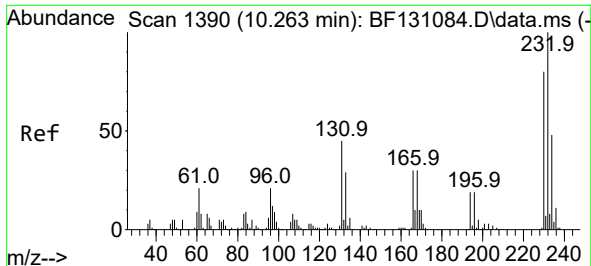
Tgt Ion:165 Resp: 178115
Ion Ratio Lower Upper
165 100
63 52.4 46.9 70.3
89 76.2 66.9 100.3
182 2.8 2.2 3.2



#58
Fluorene
Concen: 41.621 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF131091.D
Acq: 09 Nov 2022 17:25

Tgt Ion:166 Resp: 548374
Ion Ratio Lower Upper
166 100
165 99.6 77.2 115.8
167 13.4 10.2 15.4

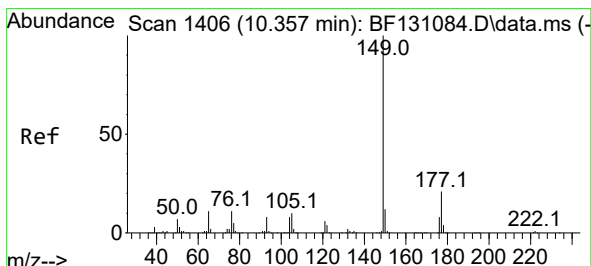
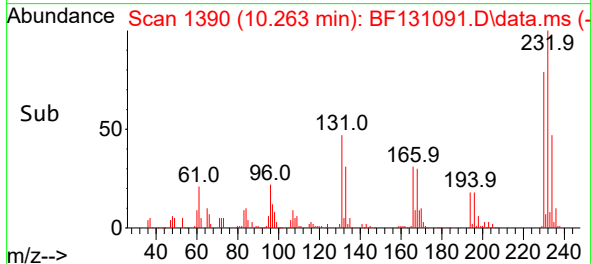
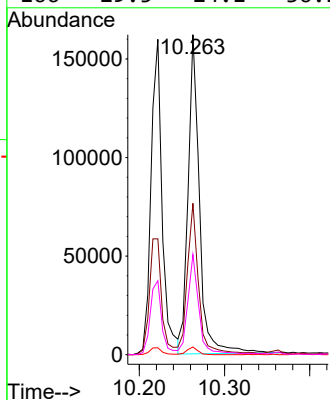
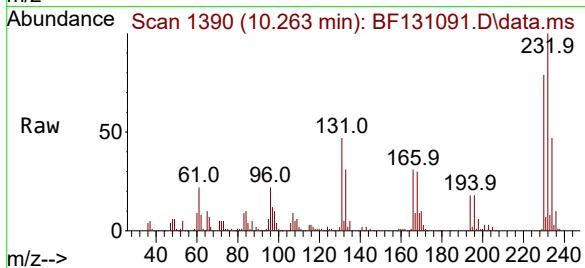




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.474 ng
RT: 10.263 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131091.D
Acq: 09 Nov 2022 17:25

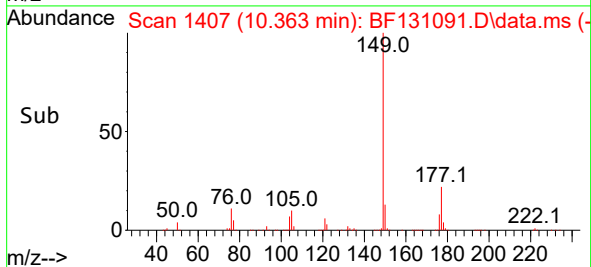
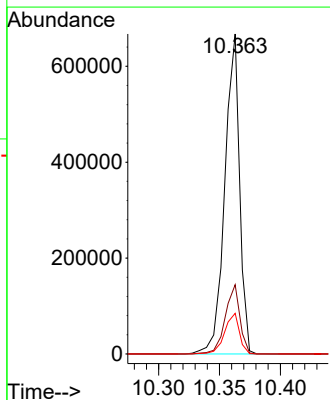
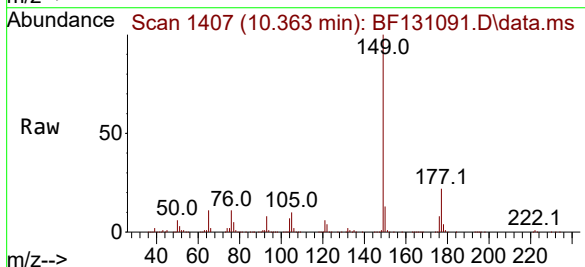
Instrument :
BNA_F
ClientSampleId :
PB148687BSD

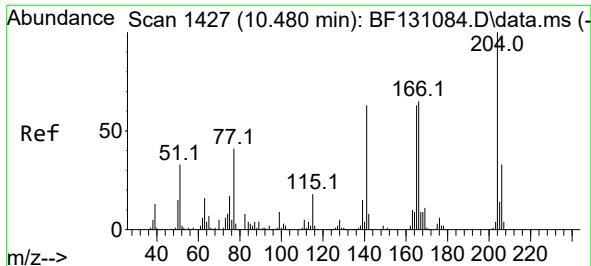
Tgt Ion:232 Resp: 149992
Ion Ratio Lower Upper
232 100
131 46.8 36.2 54.2
130 2.3 1.9 2.9
166 29.5 24.1 36.1



#60
Diethylphthalate
Concen: 43.094 ng
RT: 10.363 min Scan# 1407
Delta R.T. 0.006 min
Lab File: BF131091.D
Acq: 09 Nov 2022 17:25

Tgt Ion:149 Resp: 565473
Ion Ratio Lower Upper
149 100
177 21.6 17.2 25.8
150 12.7 9.8 14.8

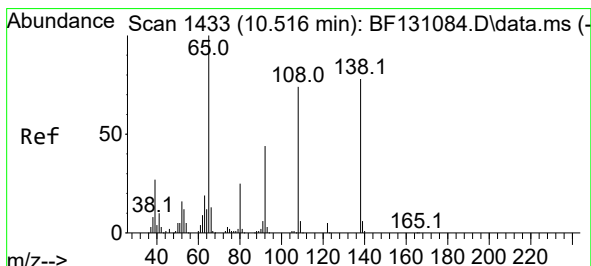
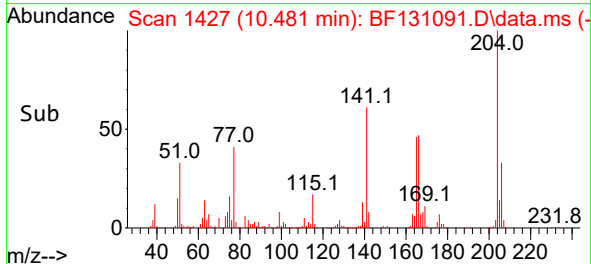
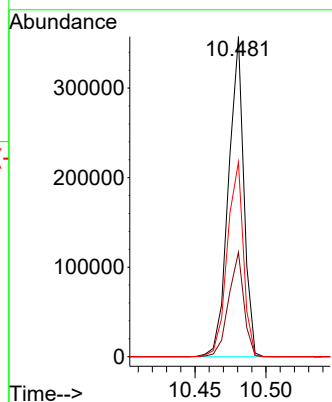
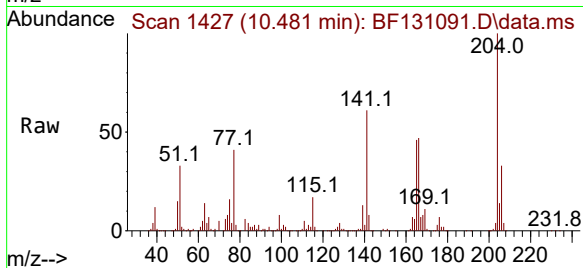




#61
4-Chlorophenyl-phenylether
Concen: 43.746 ng
RT: 10.481 min Scan# 1427
Delta R.T. 0.001 min
Lab File: BF131091.D
Acq: 09 Nov 2022 17:25

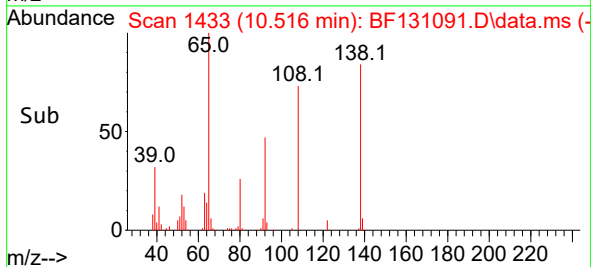
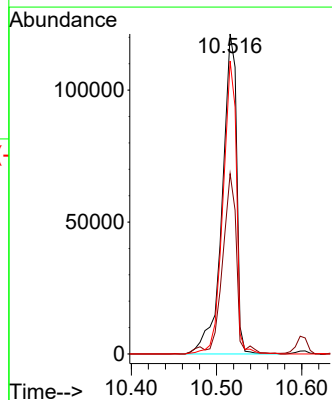
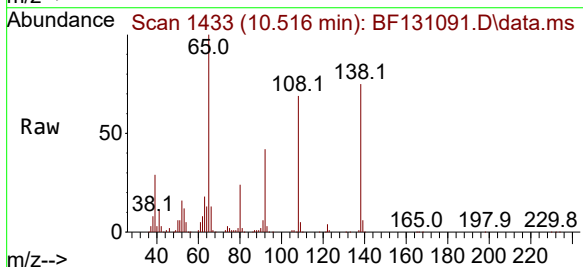
Instrument :
BNA_F
ClientSampleId :
PB148687BSD

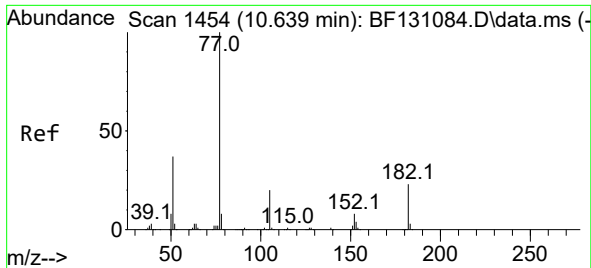
Tgt Ion:204 Resp: 268233
Ion Ratio Lower Upper
204 100
206 32.7 26.6 39.8
141 60.8 50.6 75.8



#62
4-Nitroaniline
Concen: 41.457 ng
RT: 10.516 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF131091.D
Acq: 09 Nov 2022 17:25

Tgt Ion:138 Resp: 143423
Ion Ratio Lower Upper
138 100
92 56.3 36.0 76.0
108 91.6 75.3 115.3

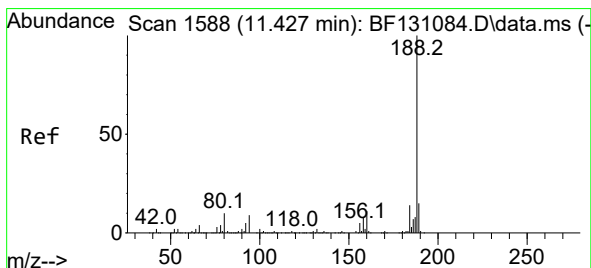
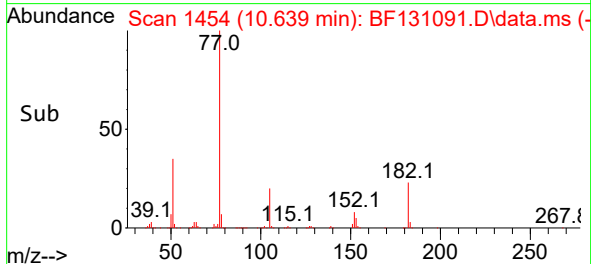
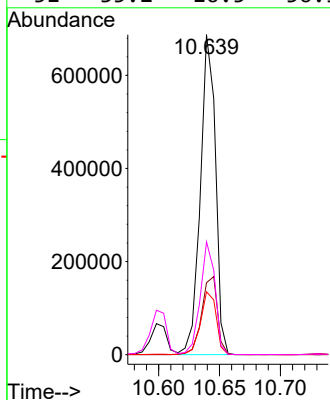
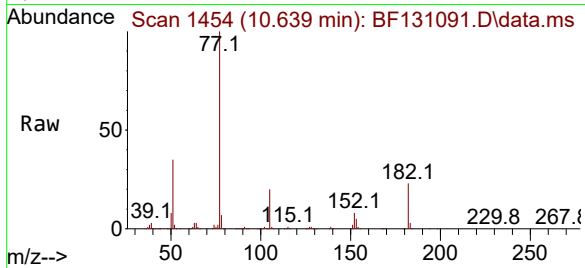




#63
Azobenzene
Concen: 43.180 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF131091.D
Acq: 09 Nov 2022 17:25

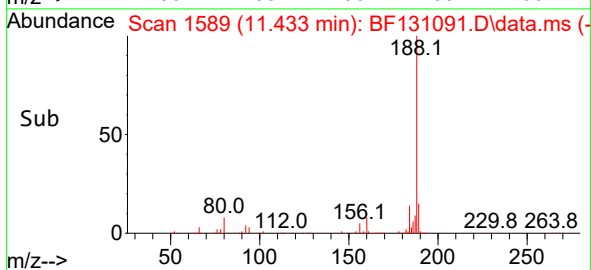
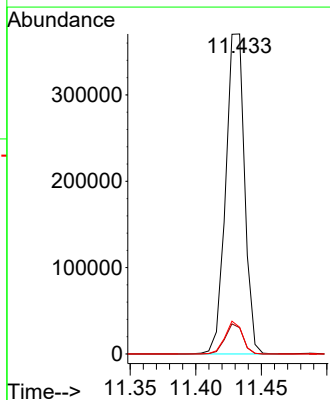
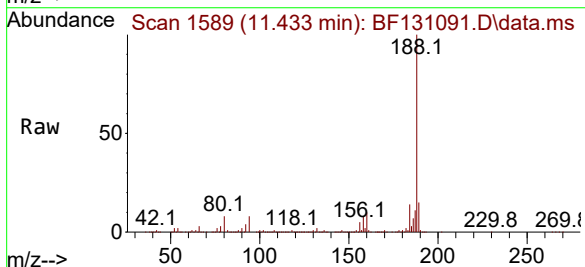
Instrument :
BNA_F
ClientSampleId :
PB148687BSD

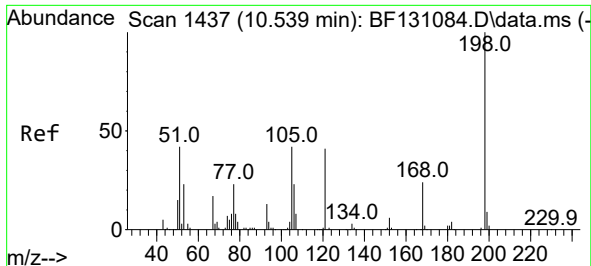
Tgt Ion: 77	Resp: 593066
Ion Ratio	Lower Upper
77	100
182	22.5 3.3 43.3
105	19.7 0.0 39.5
51	35.2 16.5 56.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.006 min
Lab File: BF131091.D
Acq: 09 Nov 2022 17:25

Tgt Ion: 188	Resp: 370600
Ion Ratio	Lower Upper
188	100
94	8.2 7.0 10.6
80	8.4 7.9 11.9

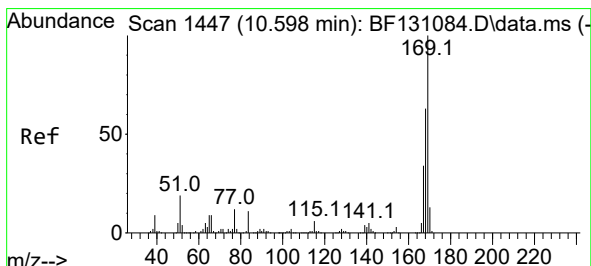
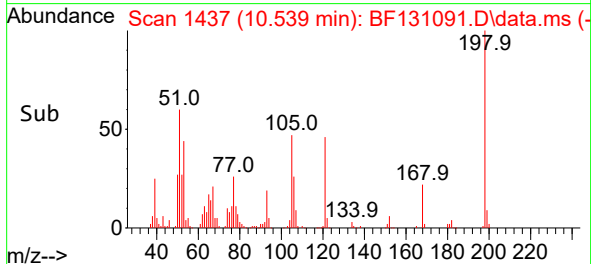
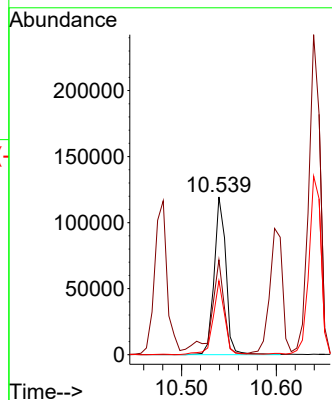
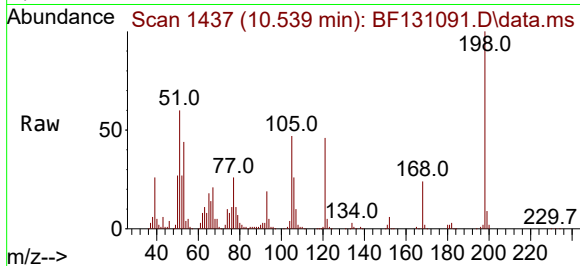




#65
4,6-Dinitro-2-methylphenol
Concen: 43.087 ng
RT: 10.539 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BF131091.D
Acq: 09 Nov 2022 17:25

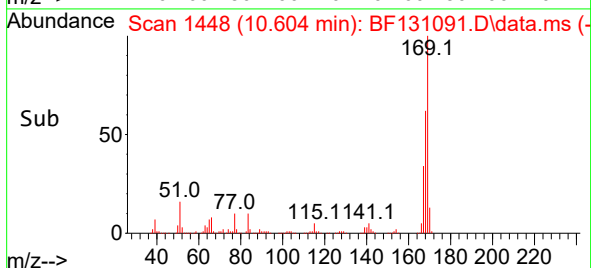
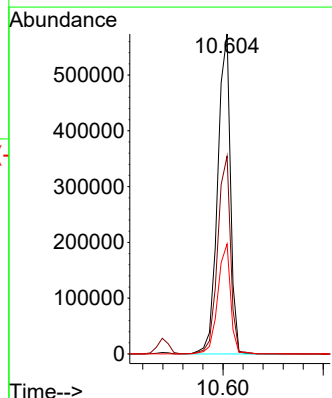
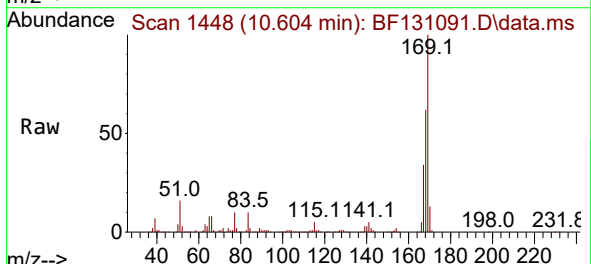
Instrument :
BNA_F
ClientSampleId :
PB148687BSD

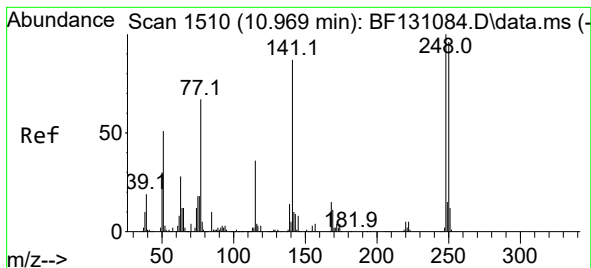
Tgt Ion:198 Resp: 102665
Ion Ratio Lower Upper
198 100
51 60.1 30.3 70.3
105 46.9 22.7 62.7



#66
n-Nitrosodiphenylamine
Concen: 40.732 ng
RT: 10.604 min Scan# 1448
Delta R.T. 0.006 min
Lab File: BF131091.D
Acq: 09 Nov 2022 17:25

Tgt Ion:169 Resp: 507489
Ion Ratio Lower Upper
169 100
168 61.8 50.2 75.4
167 34.3 27.3 40.9

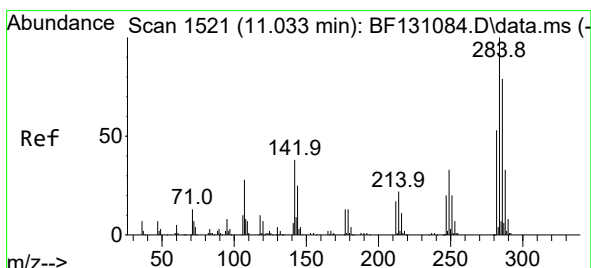
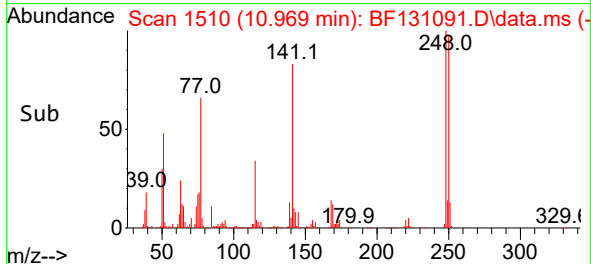
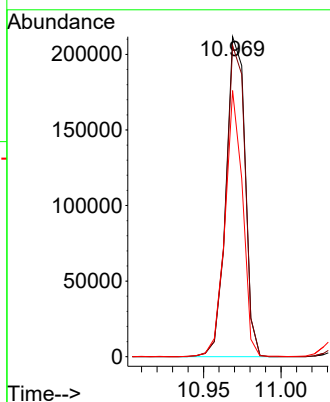
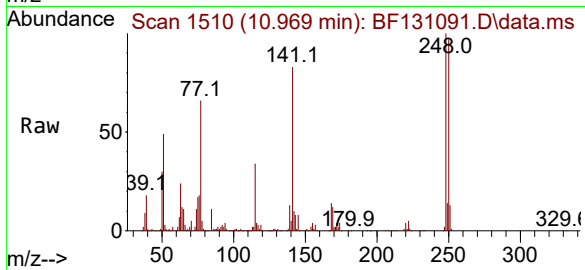




#67
4-Bromophenyl-phenylether
Concen: 43.349 ng
RT: 10.969 min Scan# 1510
Delta R.T. 0.000 min
Lab File: BF131091.D
Acq: 09 Nov 2022 17:25

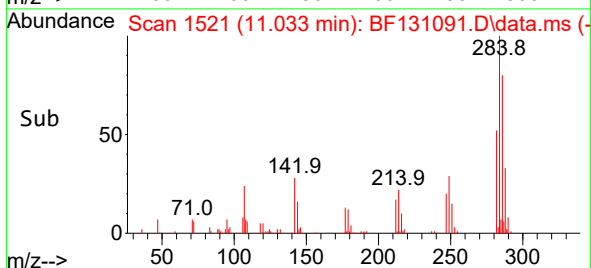
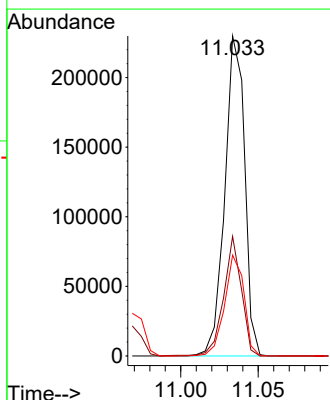
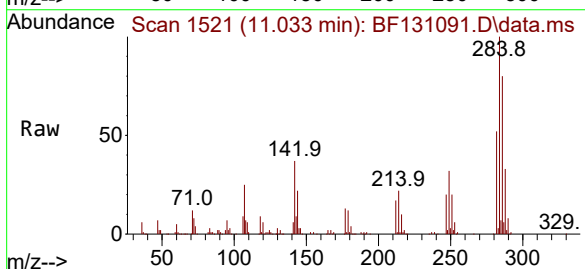
Instrument :
BNA_F
ClientSampleId :
PB148687BSD

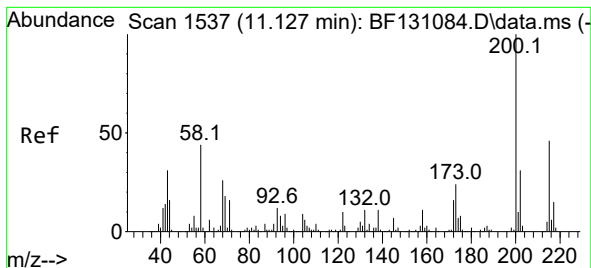
Tgt Ion:248 Resp: 181660
Ion Ratio Lower Upper
248 100
250 97.2 77.0 115.6
141 83.2 69.7 104.5



#68
Hexachlorobenzene
Concen: 43.712 ng
RT: 11.033 min Scan# 1521
Delta R.T. 0.000 min
Lab File: BF131091.D
Acq: 09 Nov 2022 17:25

Tgt Ion:284 Resp: 204147
Ion Ratio Lower Upper
284 100
142 37.3 30.7 46.1
249 31.5 26.2 39.2





#69

Atrazine

Concen: 47.948 ng

RT: 11.128 min Scan# 11

Delta R.T. 0.001 min

Lab File: BF131091.D

Acq: 09 Nov 2022 17:25

Instrument :

BNA_F

ClientSampleId :

PB148687BSD

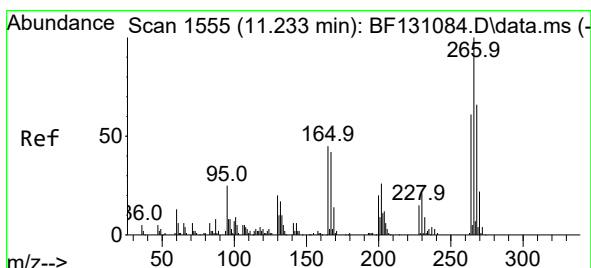
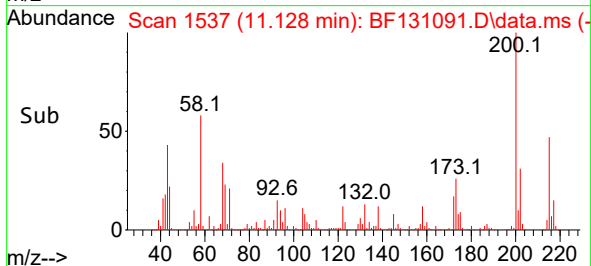
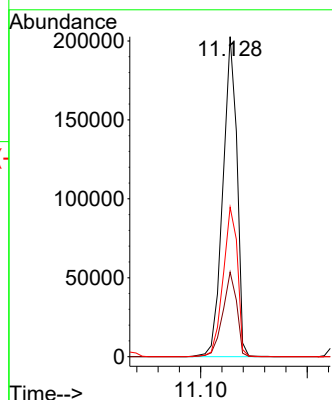
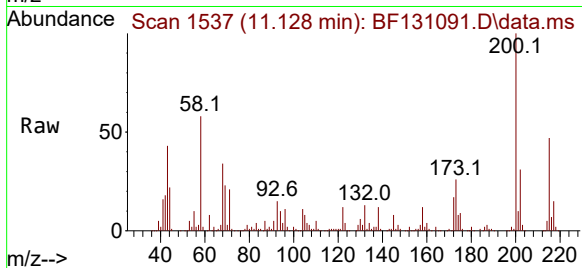
Tgt Ion:200 Resp: 184928

Ion Ratio Lower Upper

200 100

173 26.5 4.0 44.0

215 46.7 25.7 65.7



#70

Pentachlorophenol

Concen: 84.833 ng

RT: 11.233 min Scan# 1555

Delta R.T. 0.000 min

Lab File: BF131091.D

Acq: 09 Nov 2022 17:25

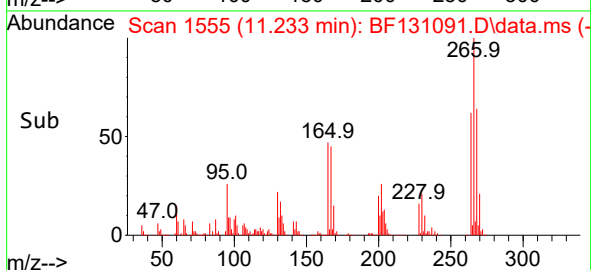
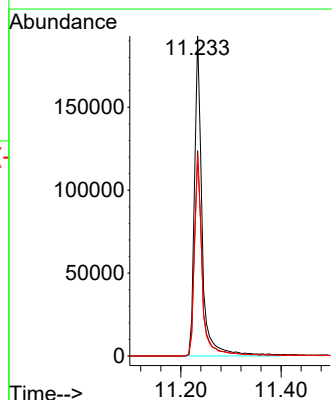
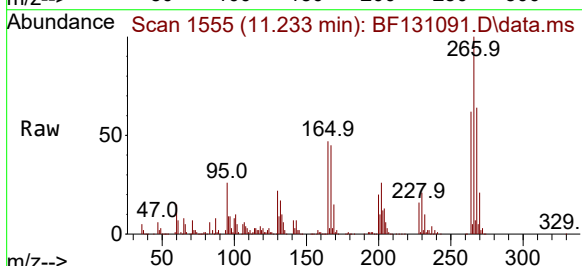
Tgt Ion:266 Resp: 202891

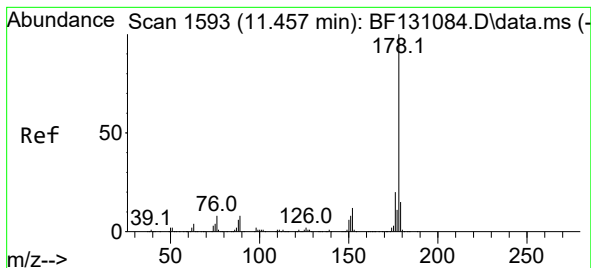
Ion Ratio Lower Upper

266 100

268 64.2 52.5 78.7

264 62.5 48.6 72.8





#71

Phenanthrene

Concen: 42.157 ng

RT: 11.457 min Scan# 1593

Delta R.T. 0.000 min

Lab File: BF131091.D

Acq: 09 Nov 2022 17:25

Instrument :

BNA_F

ClientSampleId :

PB148687BSD

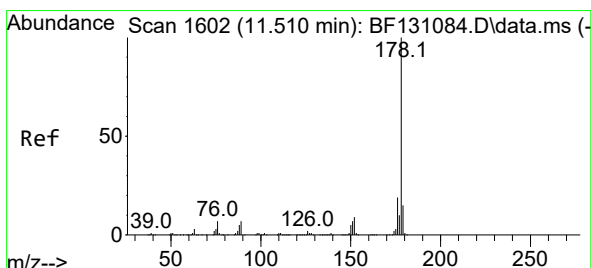
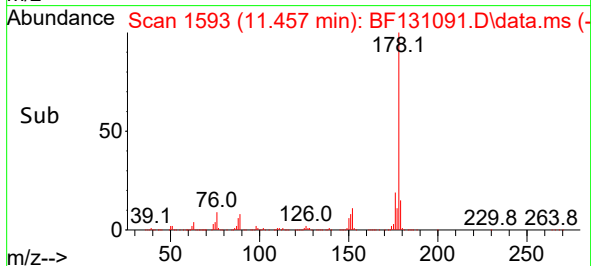
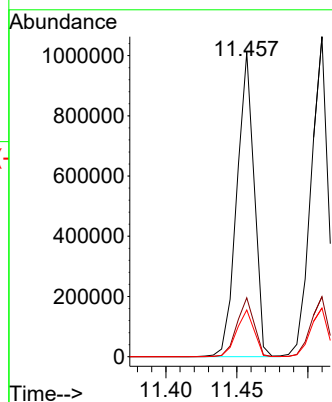
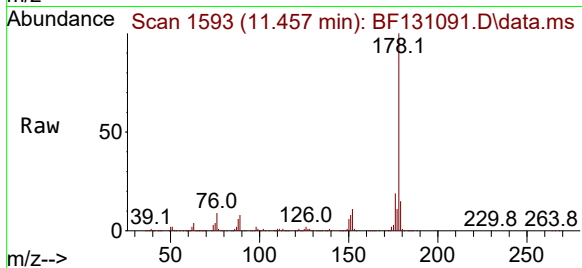
Tgt Ion:178 Resp: 859274

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.8

179 15.4 12.2 18.2



#72

Anthracene

Concen: 44.568 ng

RT: 11.510 min Scan# 1602

Delta R.T. 0.000 min

Lab File: BF131091.D

Acq: 09 Nov 2022 17:25

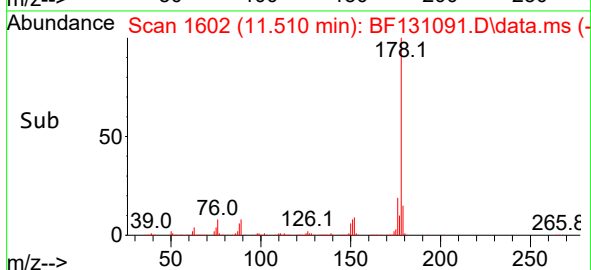
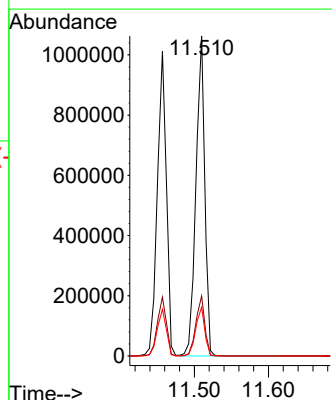
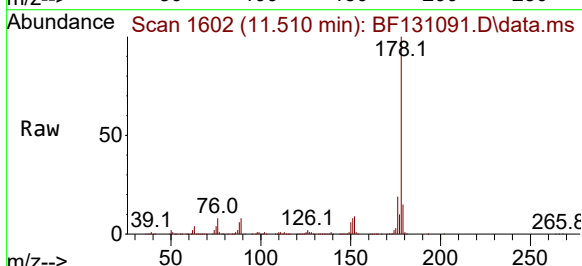
Tgt Ion:178 Resp: 881671

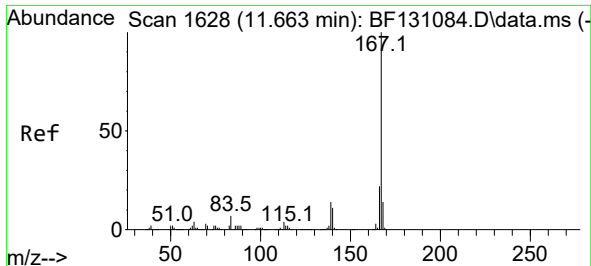
Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.6

179 15.2 11.8 17.8

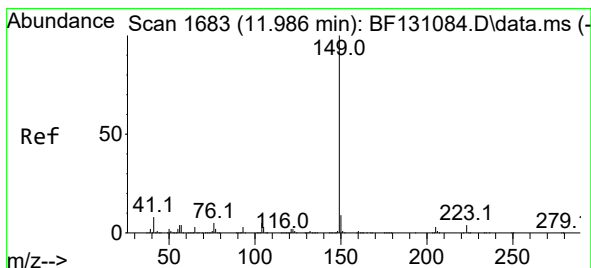
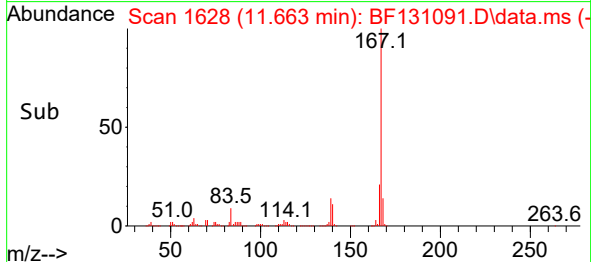
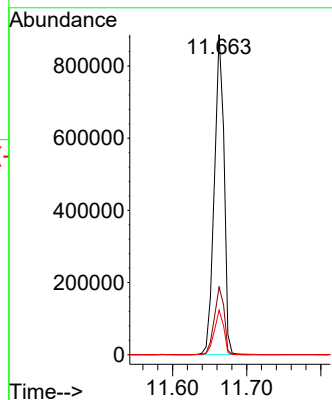
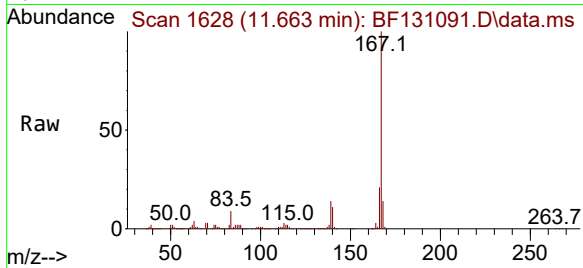




#73
 Carbazole
 Concen: 45.680 ng
 RT: 11.663 min Scan# 1628
 Delta R.T. -0.000 min
 Lab File: BF131091.D
 Acq: 09 Nov 2022 17:25

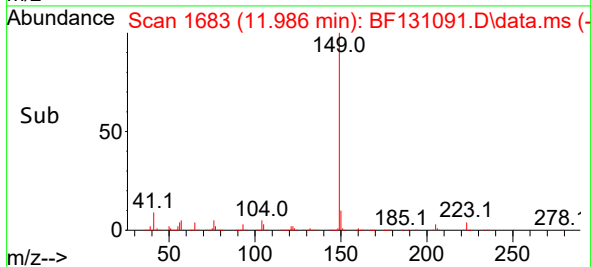
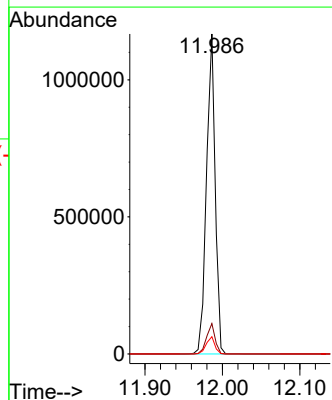
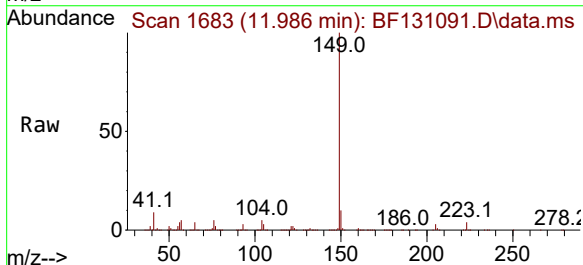
Instrument :
 BNA_F
 ClientSampleId :
 PB148687BSD

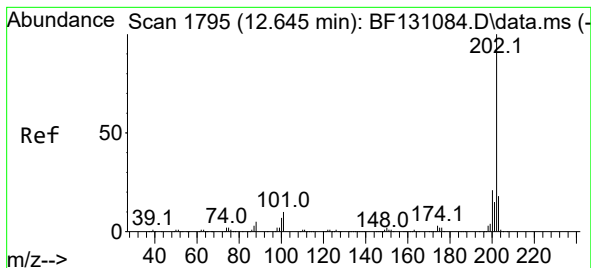
Tgt Ion:167 Resp: 803611
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.6 26.4
 139 13.9 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 45.854 ng
 RT: 11.986 min Scan# 1683
 Delta R.T. 0.000 min
 Lab File: BF131091.D
 Acq: 09 Nov 2022 17:25

Tgt Ion:149 Resp: 909817
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.4 11.0
 104 5.4 4.3 6.5





#75

Fluoranthene

Concen: 46.236 ng

RT: 12.645 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF131091.D

Acq: 09 Nov 2022 17:25

Instrument :

BNA_F

ClientSampleId :

PB148687BSD

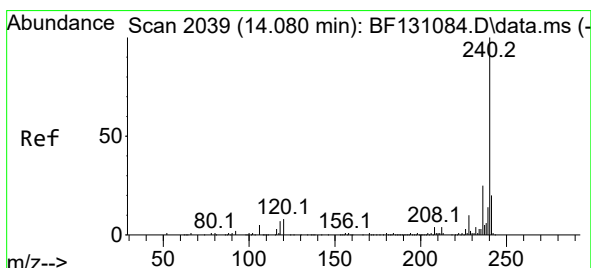
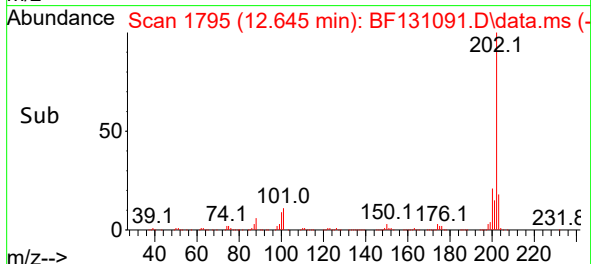
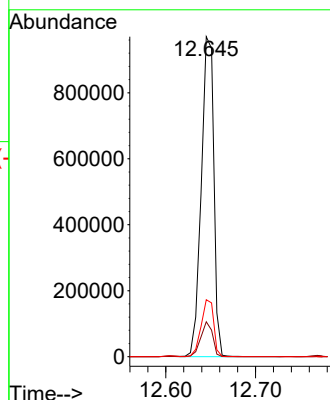
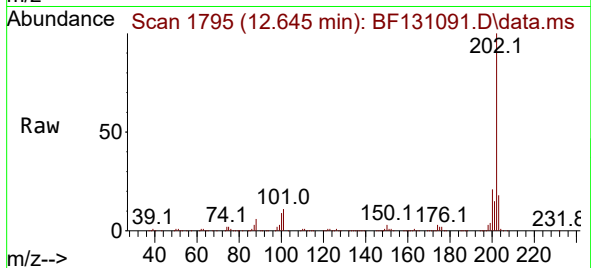
Tgt Ion:202 Resp: 943338

Ion Ratio Lower Upper

202 100

101 10.9 0.0 30.0

203 17.8 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.080 min Scan# 2039

Delta R.T. 0.000 min

Lab File: BF131091.D

Acq: 09 Nov 2022 17:25

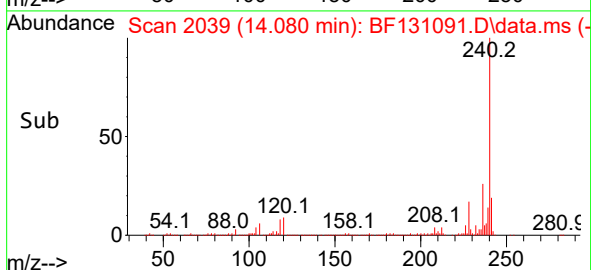
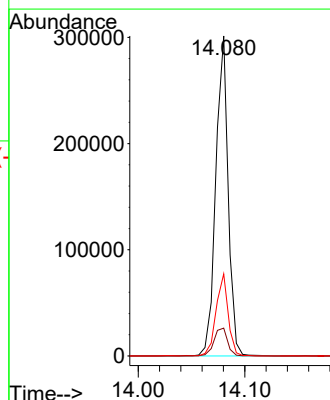
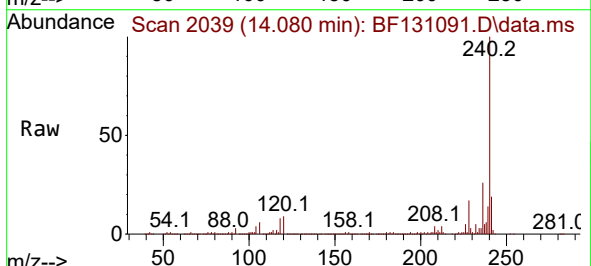
Tgt Ion:240 Resp: 242315

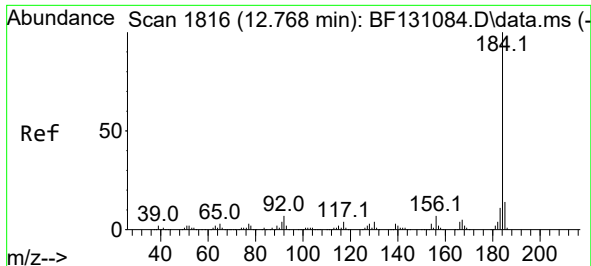
Ion Ratio Lower Upper

240 100

120 8.7 6.5 9.7

236 25.7 19.7 29.5

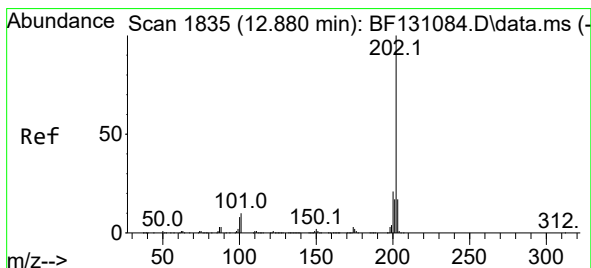
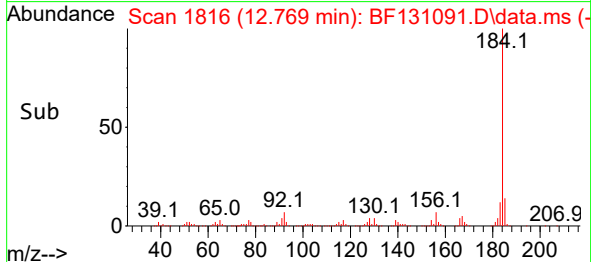
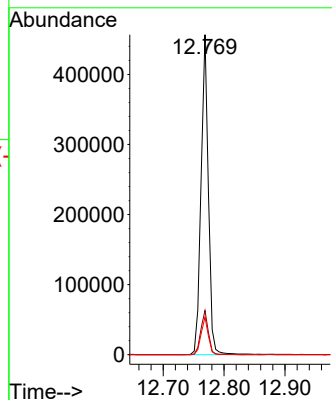
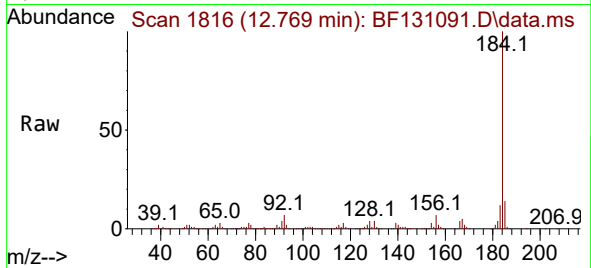




#77
Benzidine
Concen: 53.664 ng
RT: 12.769 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF131091.D
Acq: 09 Nov 2022 17:25

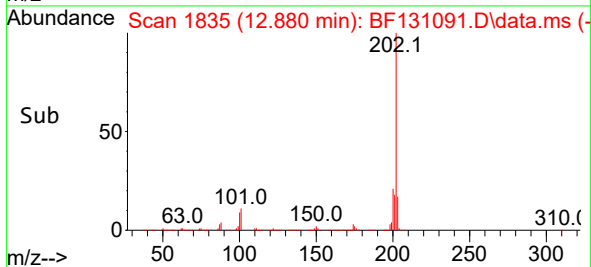
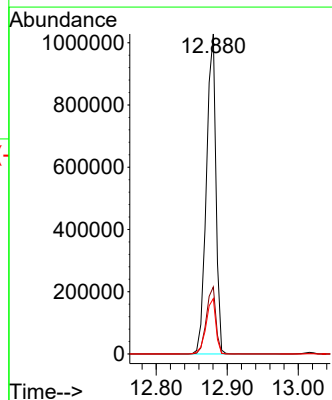
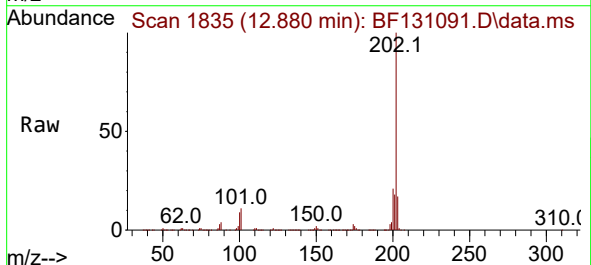
Instrument :
BNA_F
ClientSampleId :
PB148687BSD

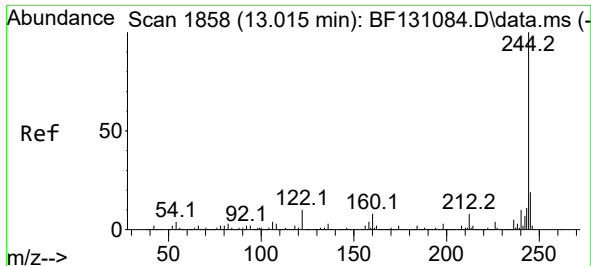
Tgt Ion:184 Resp: 383625
Ion Ratio Lower Upper
184 100
185 13.8 11.4 17.0
183 11.7 9.0 13.4



#78
Pyrene
Concen: 46.226 ng
RT: 12.880 min Scan# 1835
Delta R.T. 0.000 min
Lab File: BF131091.D
Acq: 09 Nov 2022 17:25

Tgt Ion:202 Resp: 961012
Ion Ratio Lower Upper
202 100
200 21.0 16.8 25.2
203 17.3 13.6 20.4

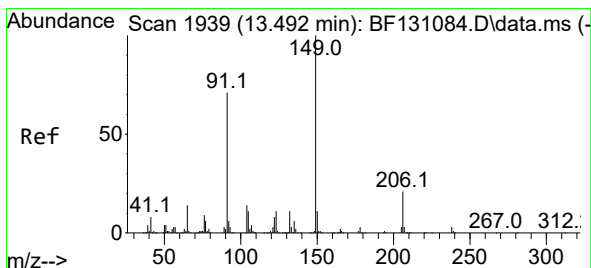
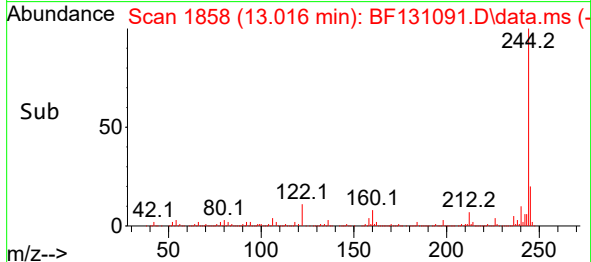
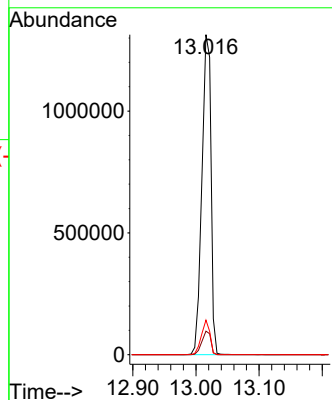
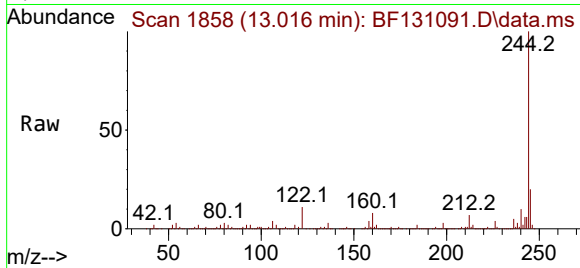




#79
 Terphenyl-d14
 Concen: 95.081 ng
 RT: 13.016 min Scan# 1858
 Delta R.T. 0.001 min
 Lab File: BF131091.D
 Acq: 09 Nov 2022 17:25

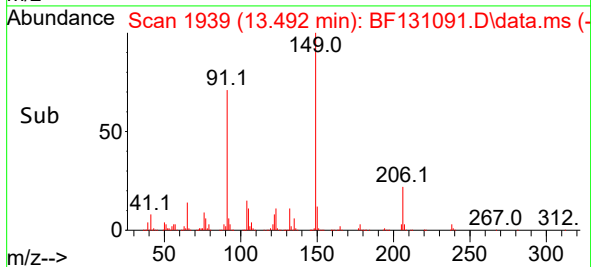
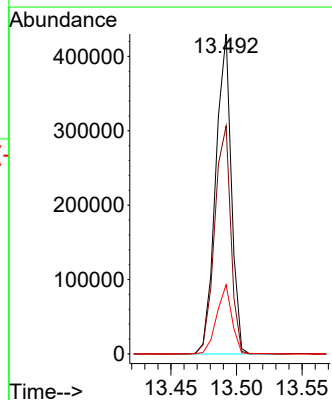
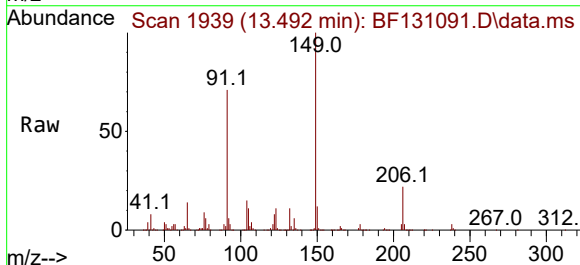
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 BNA_F
 ClientSampleId :
 PB148687BSD

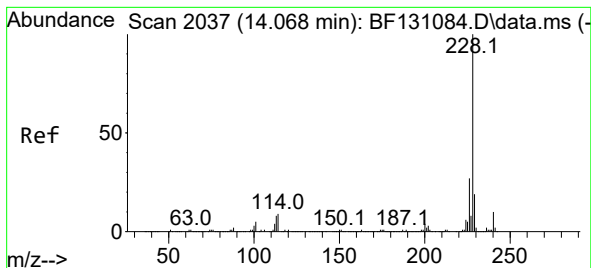
Tgt Ion:244 Resp: 1314057
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 10.8 7.8 11.8



#80
 Butylbenzylphthalate
 Concen: 47.891 ng
 RT: 13.492 min Scan# 1939
 Delta R.T. 0.000 min
 Lab File: BF131091.D
 Acq: 09 Nov 2022 17:25

Tgt Ion:149 Resp: 356460
 Ion Ratio Lower Upper
 149 100
 91 71.3 56.4 84.6
 206 21.7 17.1 25.7





#81

Benzo(a)anthracene

Concen: 43.520 ng

RT: 14.069 min Scan# 2037

Delta R.T. 0.000 min

Lab File: BF131091.D

Acq: 09 Nov 2022 17:25

Instrument :

BNA_F

ClientSampleId :

PB148687BSD

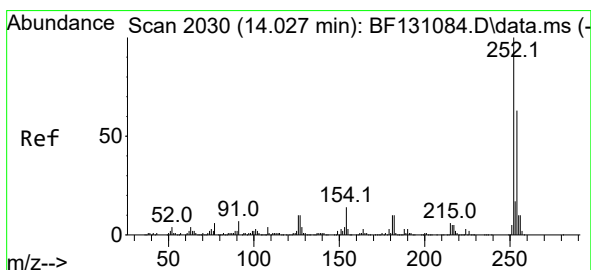
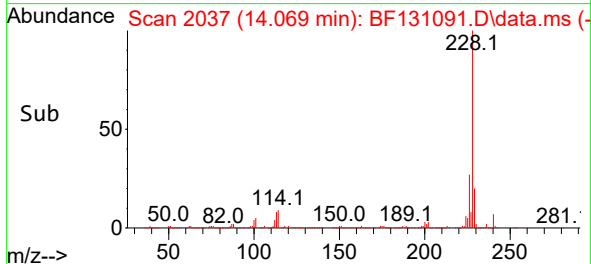
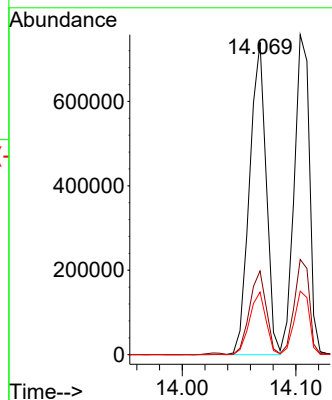
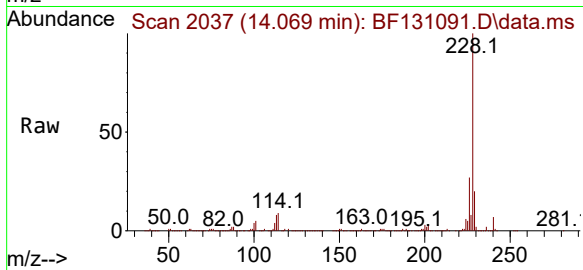
Tgt Ion:228 Resp: 753765

Ion Ratio Lower Upper

228 100

226 26.8 21.8 32.6

229 20.0 15.4 23.2



#82

3,3'-Dichlorobenzidine

Concen: 41.779 ng

RT: 14.027 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF131091.D

Acq: 09 Nov 2022 17:25

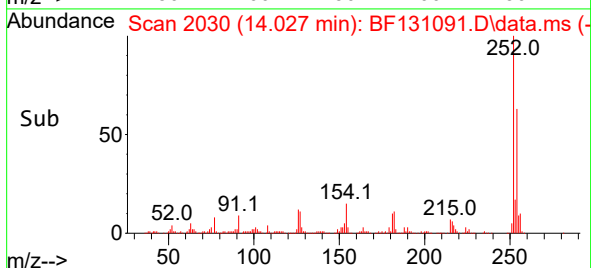
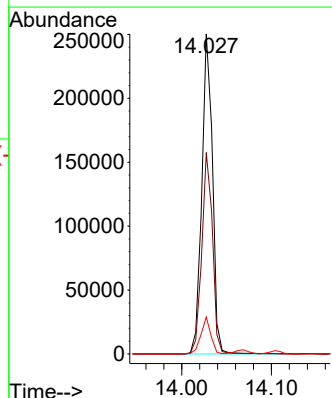
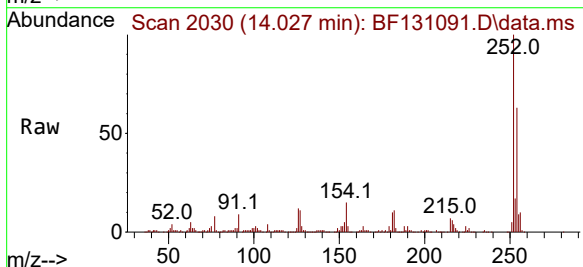
Tgt Ion:252 Resp: 206530

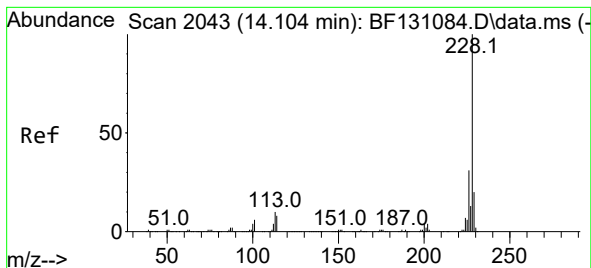
Ion Ratio Lower Upper

252 100

254 63.0 50.6 75.8

126 11.5 8.1 12.1





#83

Chrysene

Concen: 43.147 ng

RT: 14.104 min Scan# 2043

Delta R.T. -0.000 min

Lab File: BF131091.D

Acq: 09 Nov 2022 17:25

Instrument :

BNA_F

ClientSampleId :

PB148687BSD

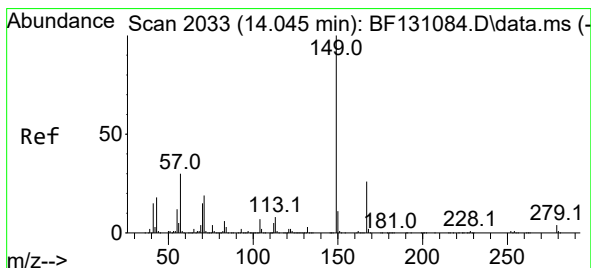
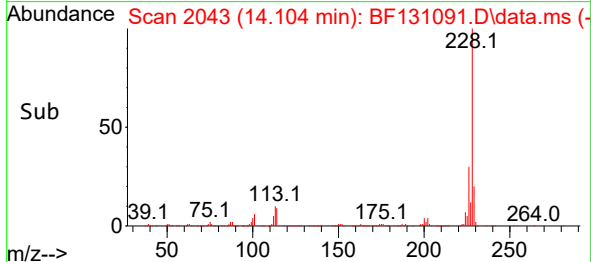
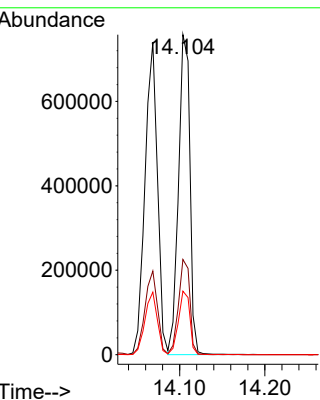
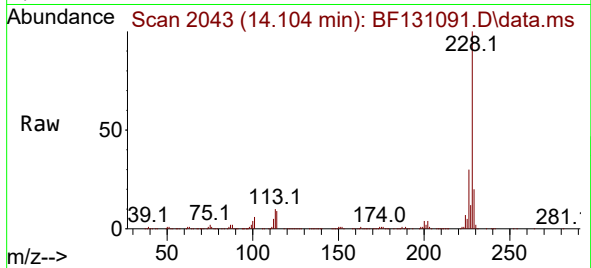
Tgt Ion:228 Resp: 705749

Ion Ratio Lower Upper

228 100

226 29.7 24.4 36.6

229 19.9 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.237 ng

RT: 14.045 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF131091.D

Acq: 09 Nov 2022 17:25

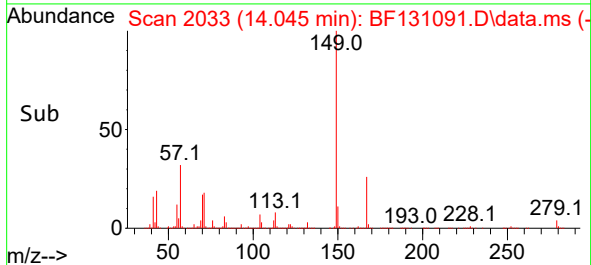
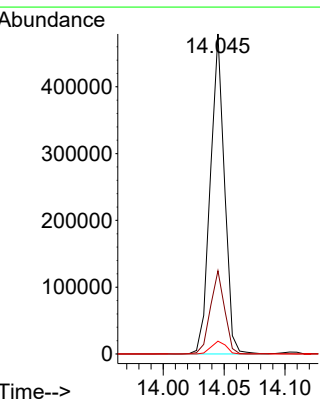
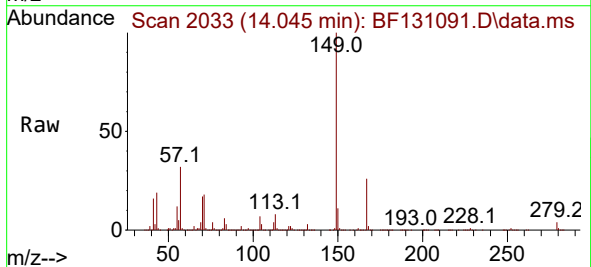
Tgt Ion:149 Resp: 387578

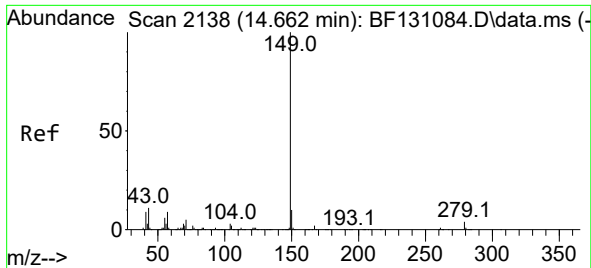
Ion Ratio Lower Upper

149 100

167 26.0 20.8 31.2

279 4.0 3.4 5.0

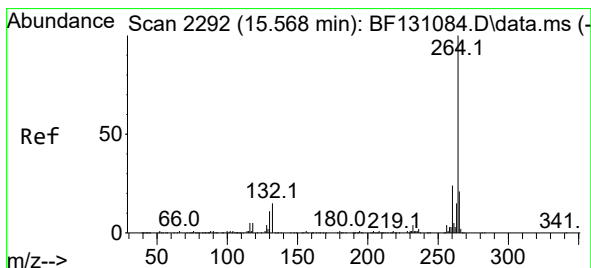
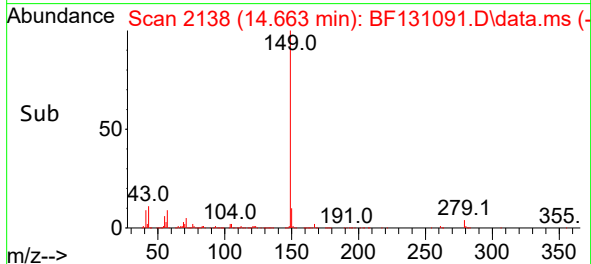
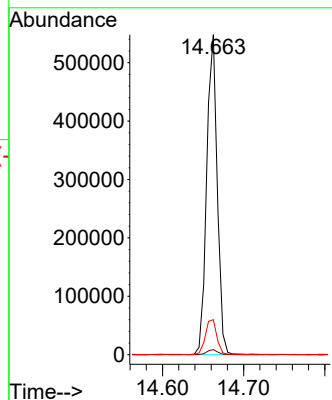
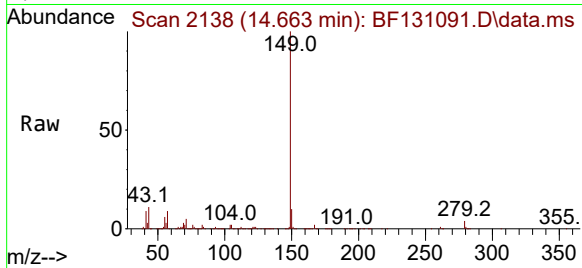




#85
Di-n-octyl phthalate
Concen: 48.385 ng
RT: 14.663 min Scan# 2138
Delta R.T. 0.001 min
Lab File: BF131091.D
Acq: 09 Nov 2022 17:25

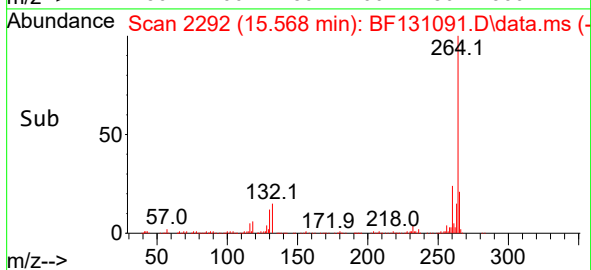
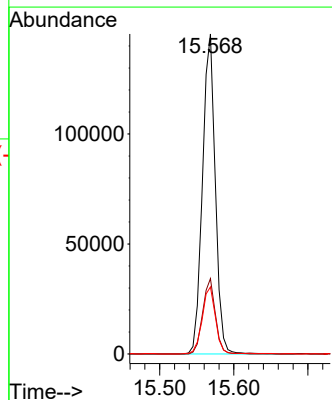
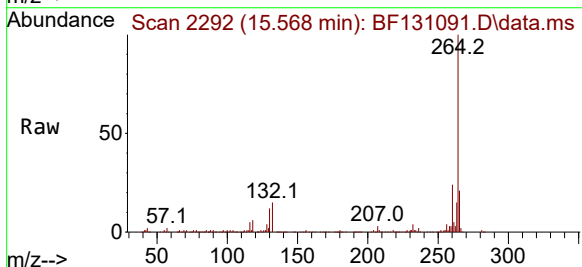
Instrument :
BNA_F
ClientSampleId :
PB148687BSD

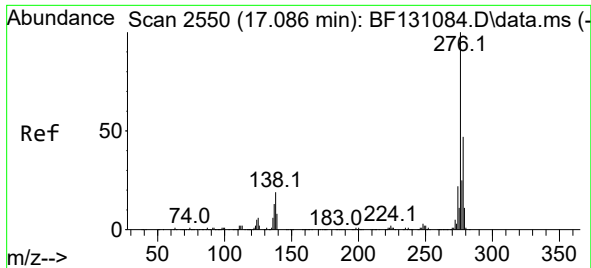
Tgt Ion:149 Resp: 493005
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 11.9 9.4 14.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 2292
Delta R.T. 0.000 min
Lab File: BF131091.D
Acq: 09 Nov 2022 17:25

Tgt Ion:264 Resp: 174730
Ion Ratio Lower Upper
264 100
260 23.5 19.1 28.7
265 21.0 16.7 25.1

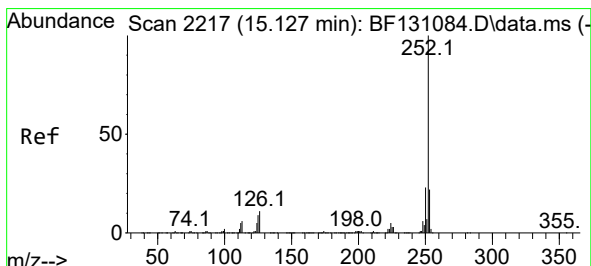
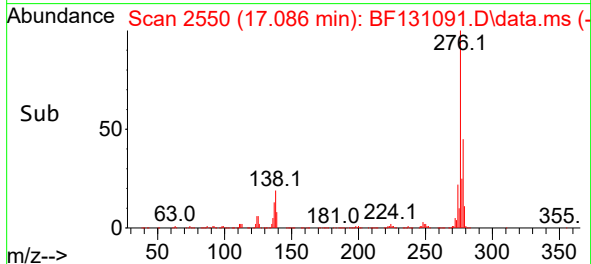
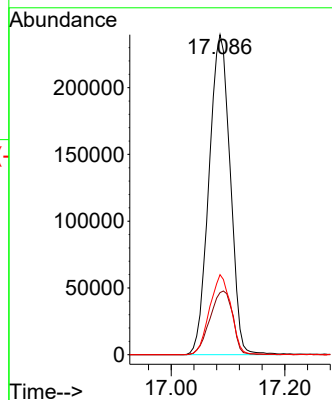
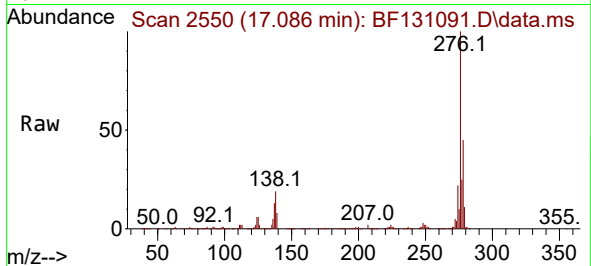




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.708 ng
 RT: 17.086 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF131091.D
 Acq: 09 Nov 2022 17:25

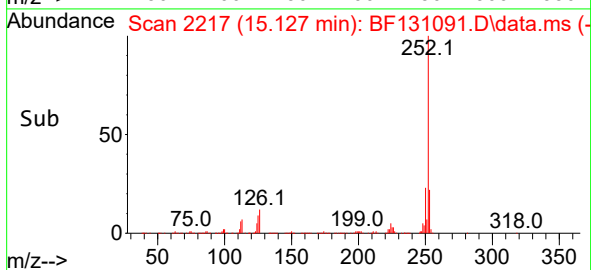
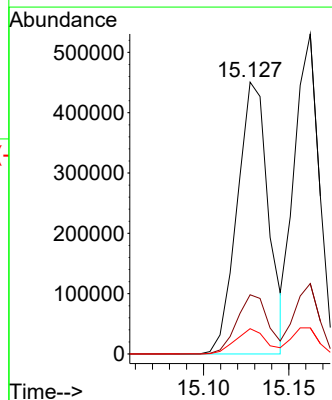
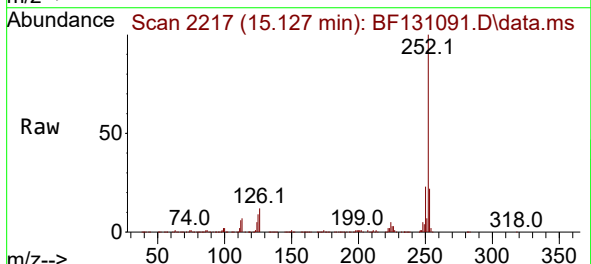
Instrument :
 BNA_F
 ClientSampleId :
 PB148687BSD

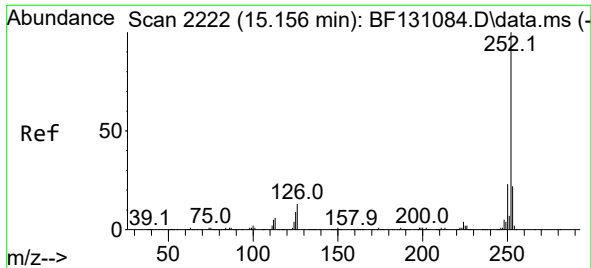
Tgt Ion:276 Resp: 619504
 Ion Ratio Lower Upper
 276 100
 138 21.5 16.9 25.3
 277 25.3 20.3 30.5



#88
 Benzo(b)fluoranthene
 Concen: 46.807 ng
 RT: 15.127 min Scan# 2217
 Delta R.T. 0.000 min
 Lab File: BF131091.D
 Acq: 09 Nov 2022 17:25

Tgt Ion:252 Resp: 578229
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.3 25.9
 125 9.3 7.2 10.8

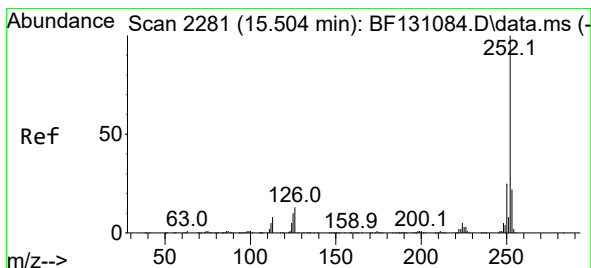
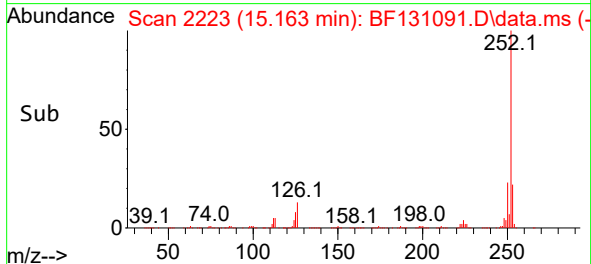
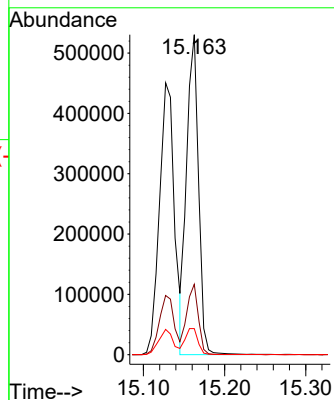
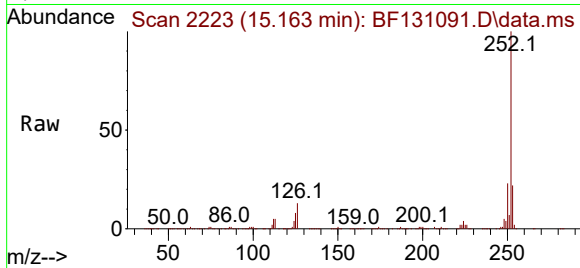




#89
Benzo(k)fluoranthene
Concen: 45.481 ng
RT: 15.163 min Scan# 2223
Delta R.T. 0.007 min
Lab File: BF131091.D
Acq: 09 Nov 2022 17:25

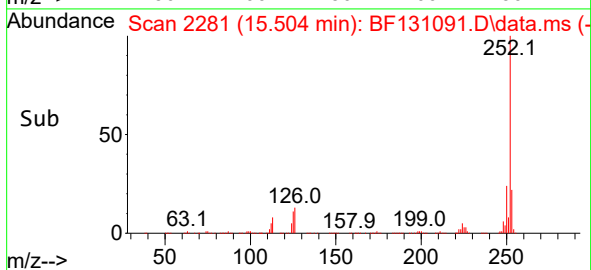
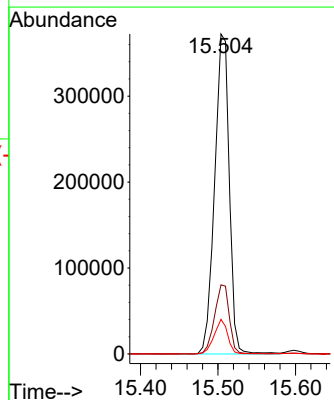
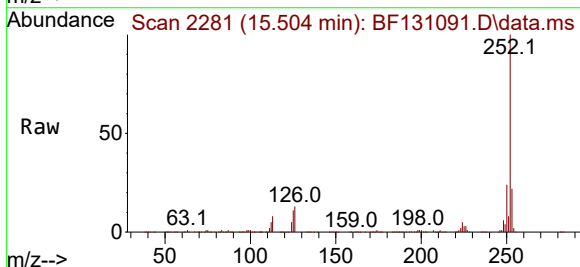
Instrument :
BNA_F
ClientSampleId :
PB148687BSD

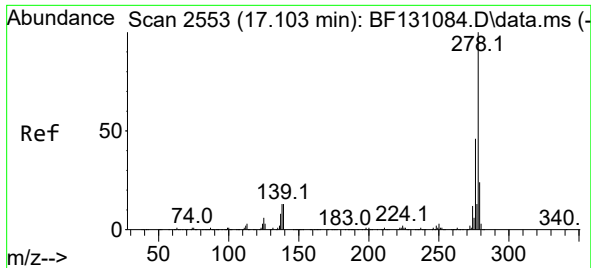
Tgt Ion:252 Resp: 540030
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 8.1 7.5 11.3



#90
Benzo(a)pyrene
Concen: 49.281 ng
RT: 15.504 min Scan# 2281
Delta R.T. -0.000 min
Lab File: BF131091.D
Acq: 09 Nov 2022 17:25

Tgt Ion:252 Resp: 488083
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.8
125 10.8 8.1 12.1

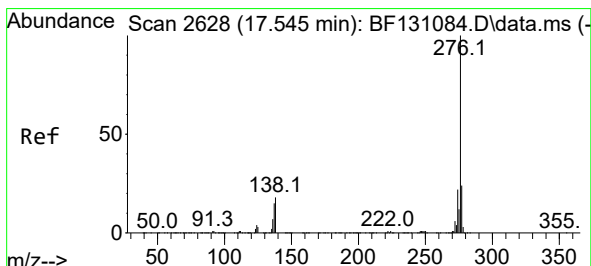
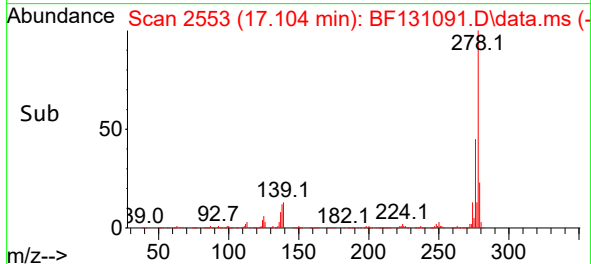
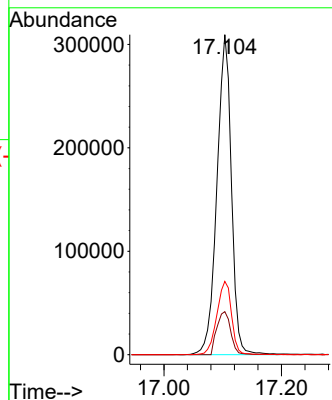
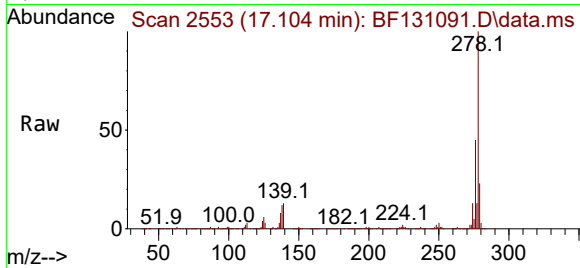




#91
Dibenzo(a,h)anthracene
Concen: 45.892 ng
RT: 17.104 min Scan# 21
Delta R.T. 0.001 min
Lab File: BF131091.D
Acq: 09 Nov 2022 17:25

Instrument :
BNA_F
ClientSampleId :
PB148687BSD

Tgt Ion:278 Resp: 529538
Ion Ratio Lower Upper
278 100
139 13.5 10.8 16.2
279 22.9 19.2 28.8



#92
Benzo(g,h,i)perylene
Concen: 41.598 ng
RT: 17.551 min Scan# 2629
Delta R.T. 0.006 min
Lab File: BF131091.D
Acq: 09 Nov 2022 17:25

Tgt Ion:276 Resp: 503284
Ion Ratio Lower Upper
276 100
277 23.8 19.0 28.4
138 18.0 14.6 21.8

