

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122722\
 Data File : BF131847.D
 Acq On : 27 Dec 2022 20:34
 Operator : CG\JU
 Sample : N6208-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-122322MS

Quant Time: Dec 28 00:40:21 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 26 05:13:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	72235	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	256037	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	136873	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	224270	20.000	ng	0.00
76) Chrysene-d12	14.033	240	136563	20.000	ng	0.00
86) Perylene-d12	15.515	264	139049	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	529197	121.409	ng	0.01
7) Phenol-d6	6.475	99	689850	120.463	ng	0.00
23) Nitrobenzene-d5	7.404	82	488073	76.109	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	168321	113.185	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	785155	78.573	ng	0.00
79) Terphenyl-d14	12.975	244	638659	79.107	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.622	88	80449	39.801	ng	99
3) Pyridine	3.357	79	222059	39.078	ng	99
4) n-Nitrosodimethylamine	3.334	42	114165	42.729	ng	98
6) Aniline	6.498	93	102058	14.695	ng	99
8) 2-Chlorophenol	6.616	128	201115	43.794	ng	92
9) Benzaldehyde	6.387	77	147119	40.038	ng	99
10) Phenol	6.487	94	281671	41.303	ng	96
11) bis(2-Chloroethyl)ether	6.569	93	216071	44.306	ng	97
12) 1,3-Dichlorobenzene	6.775	146	223579	42.603	ng	99
13) 1,4-Dichlorobenzene	6.851	146	224520	42.452	ng	98
14) 1,2-Dichlorobenzene	7.004	146	214824	43.228	ng	99
15) Benzyl Alcohol	6.981	79	221470	44.101	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.110	45	276348	44.404	ng	97
17) 2-Methylphenol	7.098	107	176604	42.066	ng	98
18) Hexachloroethane	7.345	117	92292	43.215	ng	94
19) n-Nitroso-di-n-propyla...	7.257	70	176144	43.552	ng	97
20) 3+4-Methylphenols	7.251	107	229703	41.934	ng	# 91
22) Acetophenone	7.251	105	327194	43.589	ng	96
24) Nitrobenzene	7.428	77	269918	41.999	ng	98
25) Isophorone	7.663	82	478062	45.648	ng	99
26) 2-Nitrophenol	7.740	139	107253	42.922	ng	92
27) 2,4-Dimethylphenol	7.781	122	180071	50.520	ng	98
28) bis(2-Chloroethoxy)met...	7.875	93	271081	48.249	ng	99
29) 2,4-Dichlorophenol	7.987	162	177719	41.385	ng	96
30) 1,2,4-Trichlorobenzene	8.063	180	213530	41.939	ng	99
31) Naphthalene	8.145	128	574154	40.947	ng	100
32) Benzoic acid	7.910	122	105863	40.635	ng	94
33) 4-Chloroaniline	8.198	127	29290	5.444	ng	95
34) Hexachlorobutadiene	8.257	225	142453	40.896	ng	99
35) Caprolactam	8.581	113	36904	29.026	ng	95
36) 4-Chloro-3-methylphenol	8.692	107	202012	41.623	ng	98
37) 2-Methylnaphthalene	8.839	142	388553	41.288	ng	100
38) 1-Methylnaphthalene	8.939	142	356568	39.007	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	221888	46.170	ng	99
41) Hexachlorocyclopentadiene	8.992	237	139600	66.023	ng	100
43) 2,4,6-Trichlorophenol	9.122	196	134594	43.727	ng	96

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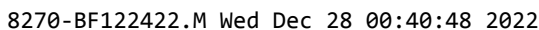
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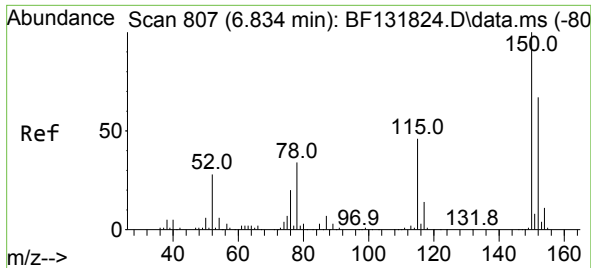
Quant Time: Dec 28 00:40:21 2022
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	139228	41.844	ng	# 92
46) 1,1'-Biphenyl	9.310	154	480363	45.840	ng	99
47) 2-Chloronaphthalene	9.334	162	381442	43.999	ng	99
48) 2-Nitroaniline	9.434	65	132207	41.605	ng	92
49) Acenaphthylene	9.751	152	547165	42.386	ng	99
50) Dimethylphthalate	9.616	163	463841	44.794	ng	99
51) 2,6-Dinitrotoluene	9.681	165	95293	42.511	ng	96
52) Acenaphthene	9.922	154	326701	41.933	ng	99
53) 3-Nitroaniline	9.845	138	39732	17.396	ng	95
54) 2,4-Dinitrophenol	9.957	184	69337	53.751	ng	94
55) Dibenzofuran	10.098	168	506100	42.163	ng	99
56) 4-Nitrophenol	10.016	139	117458	73.411	ng	86
57) 2,4-Dinitrotoluene	10.086	165	126807	41.365	ng	94
58) Fluorene	10.439	166	392454	40.049	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.169	232	102971	37.712	ng	95
60) Diethylphthalate	10.316	149	431310	43.277	ng	100
61) 4-Chlorophenyl-phenyle...	10.433	204	217876	42.769	ng	97
62) 4-Nitroaniline	10.469	138	78948	33.166	ng	94
63) Azobenzene	10.592	77	521241	47.126	ng	96
65) 4,6-Dinitro-2-methylph...	10.492	198	51932	34.010	ng	90
66) n-Nitrosodiphenylamine	10.557	169	335395	49.026	ng	98
67) 4-Bromophenyl-phenylether	10.922	248	123544	47.530	ng	# 91
68) Hexachlorobenzene	10.986	284	126555	44.322	ng	96
69) Atrazine	11.086	200	119701	53.148	ng	98
70) Pentachlorophenol	11.186	266	120311	85.151	ng	97
71) Phenanthrene	11.410	178	507183	41.124	ng	99
72) Anthracene	11.457	178	516100	42.778	ng	99
73) Carbazole	11.616	167	417666	39.215	ng	98
74) Di-n-butylphthalate	11.945	149	567616	44.091	ng	100
75) Fluoranthene	12.604	202	481235	33.500	ng	97
77) Benzidine	12.733	184	197152	87.848	ng	98
78) Pyrene	12.833	202	488536	42.681	ng	99
80) Butylbenzylphthalate	13.451	149	194533	45.821	ng	98
81) Benzo(a)anthracene	14.021	228	415859	42.059	ng	98
82) 3,3'-Dichlorobenzidine	13.986	252	61315	21.455	ng	99
83) Chrysene	14.063	228	399864	43.037	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	255724	49.470	ng	99
85) Di-n-octyl phthalate	14.627	149	435221	62.543	ng	99
87) Indeno(1,2,3-cd)pyrene	17.015	276	355612	40.255	ng	99
88) Benzo(b)fluoranthene	15.086	252	414475	40.652	ng	99
89) Benzo(k)fluoranthene	15.116	252	396431	40.242	ng	100
90) Benzo(a)pyrene	15.457	252	343739	43.547	ng	99
91) Dibenzo(a,h)anthracene	17.033	278	300687	41.554	ng	99
92) Benzo(g,h,i)perylene	17.468	276	270706	33.419	ng	96

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

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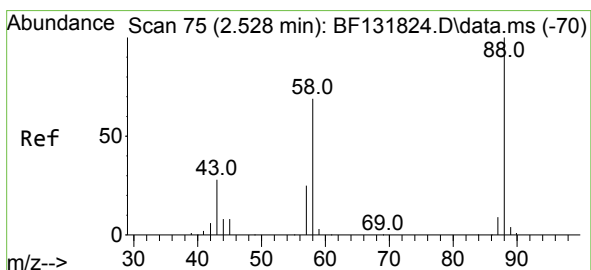
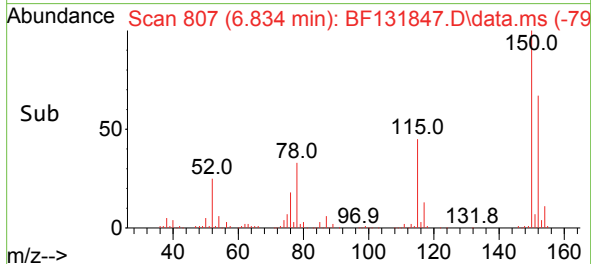
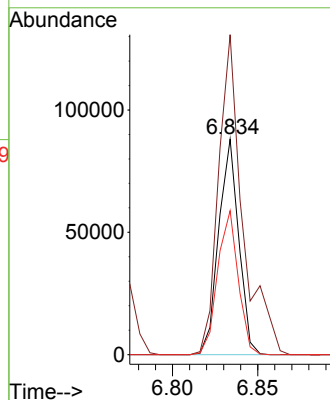
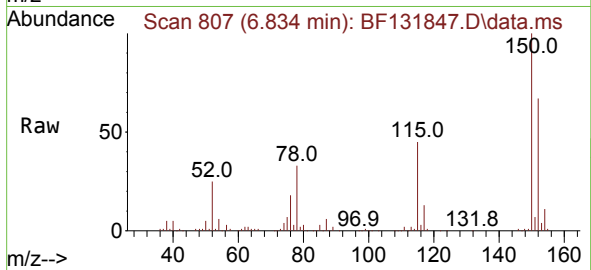




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF131847.D
 Acq: 27 Dec 2022 20:34

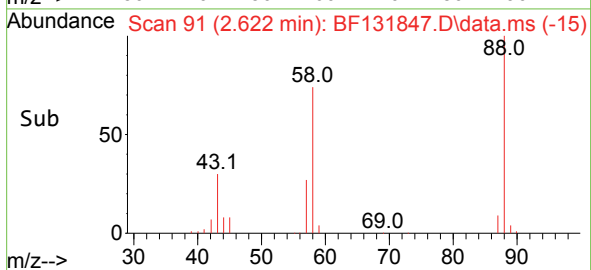
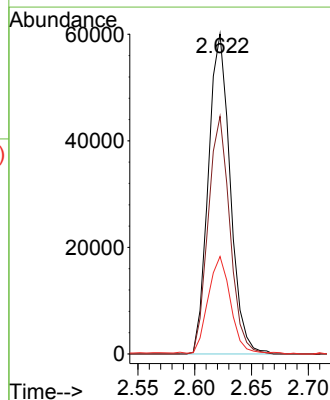
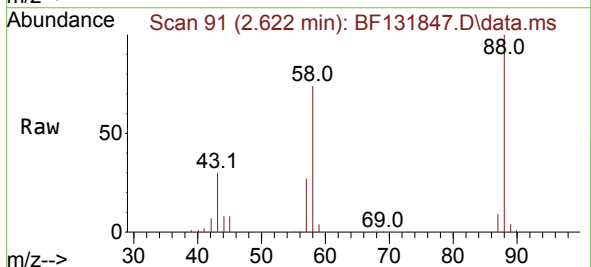
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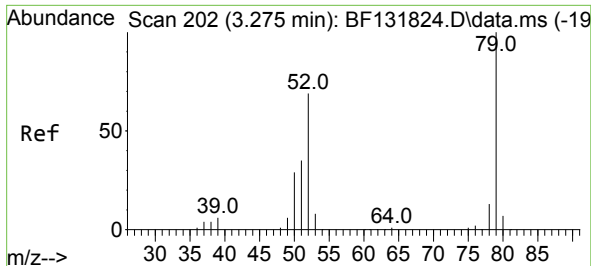
Tgt Ion:152 Resp: 72235
 Ion Ratio Lower Upper
 152 100
 150 148.5 120.0 180.0
 115 66.8 55.1 82.7



#2
 1,4-Dioxane
 Concen: 39.801 ng
 RT: 2.622 min Scan# 91
 Delta R.T. 0.094 min
 Lab File: BF131847.D
 Acq: 27 Dec 2022 20:34

Tgt Ion: 88 Resp: 80449
 Ion Ratio Lower Upper
 88 100
 58 73.6 58.2 87.2
 43 31.6 24.2 36.4

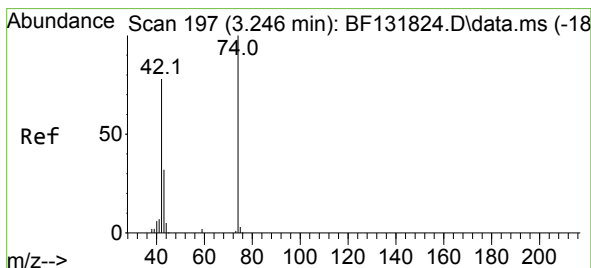
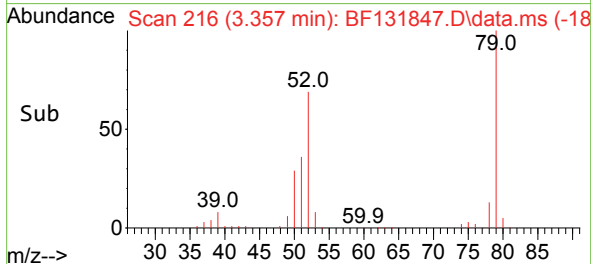
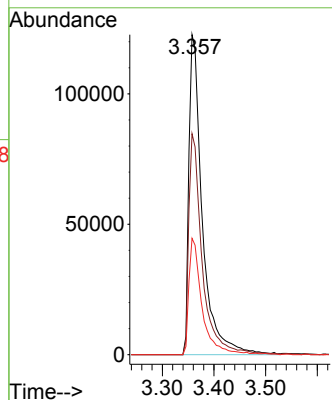
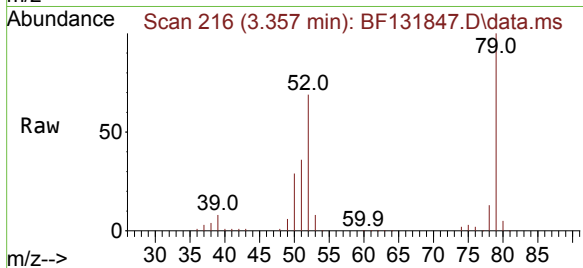




#3
Pyridine
Concen: 39.078 ng
RT: 3.357 min Scan# 211
Delta R.T. 0.082 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

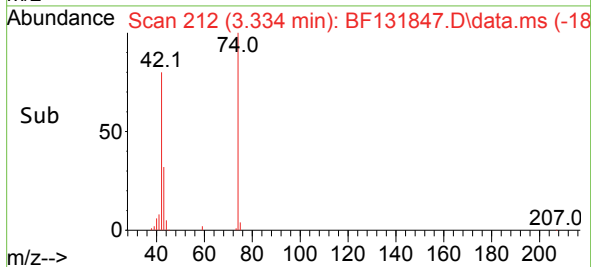
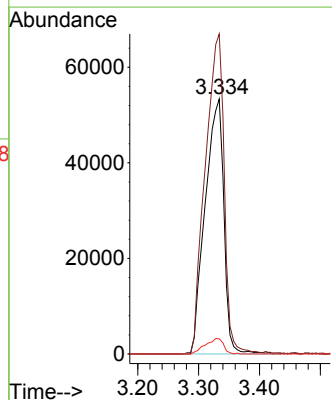
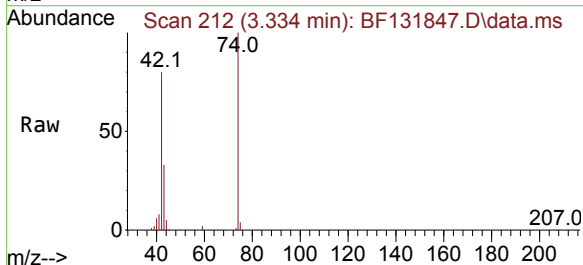
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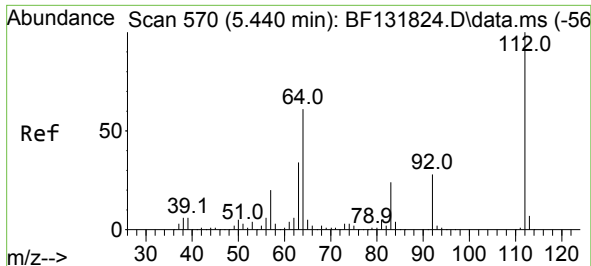
Tgt Ion: 79 Resp: 222059
Ion Ratio Lower Upper
79 100
52 69.0 55.4 83.2
51 36.4 27.8 41.8



#4
n-Nitrosodimethylamine
Concen: 42.729 ng
RT: 3.334 min Scan# 212
Delta R.T. 0.088 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

Tgt Ion: 42 Resp: 114165
Ion Ratio Lower Upper
42 100
74 125.4 102.0 153.0
44 5.9 4.6 7.0

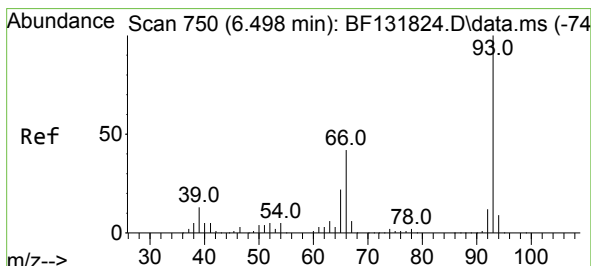
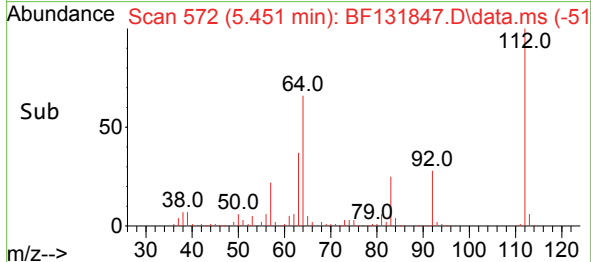
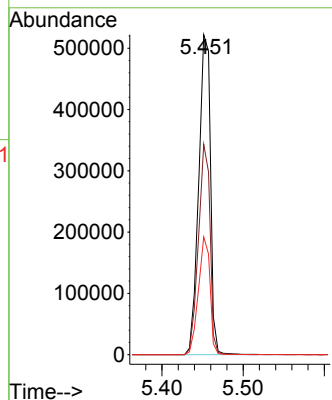
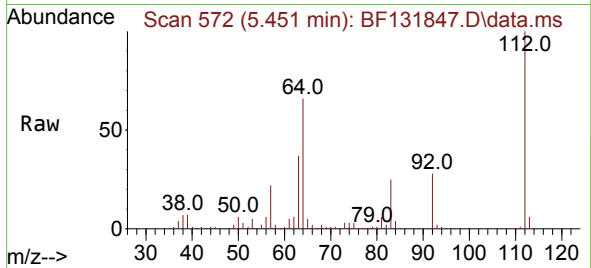




#5
2-Fluorophenol
Concen: 121.409 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

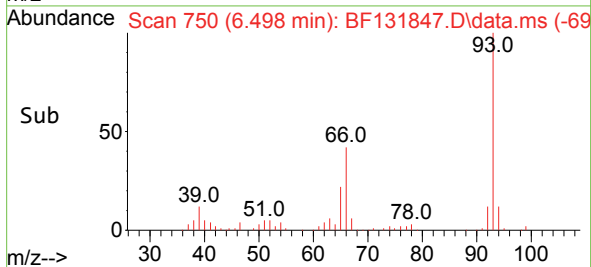
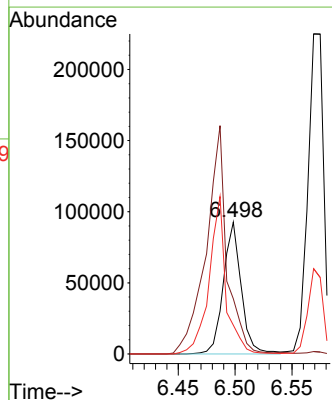
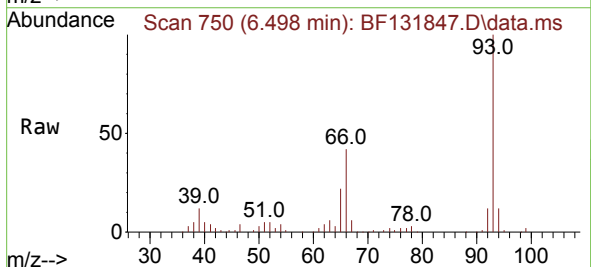
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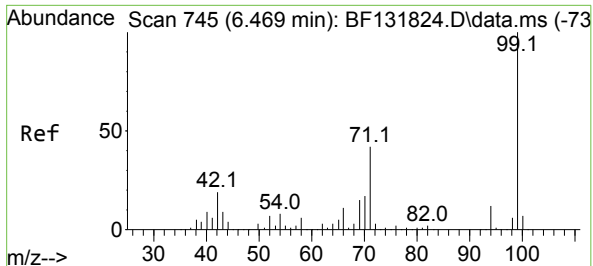
Tgt Ion:112 Resp: 529197
Ion Ratio Lower Upper
112 100
64 65.8 49.2 73.8
63 36.8 27.5 41.3



#6
Aniline
Concen: 14.695 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

Tgt Ion: 93 Resp: 102058
Ion Ratio Lower Upper
93 100
66 41.8 33.9 50.9
65 21.9 17.4 26.0

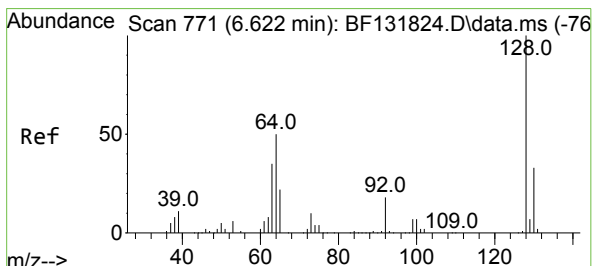
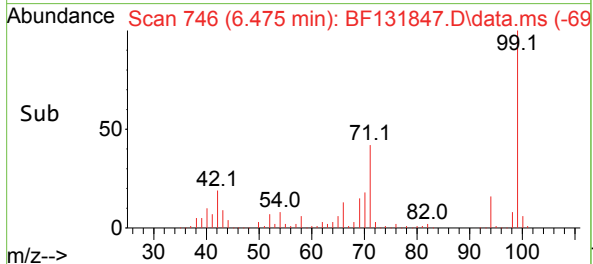
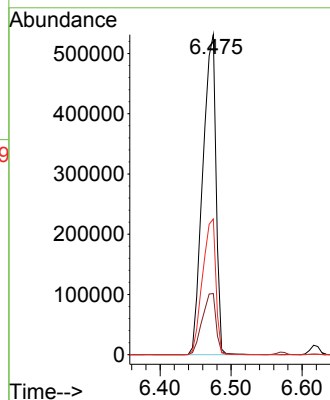
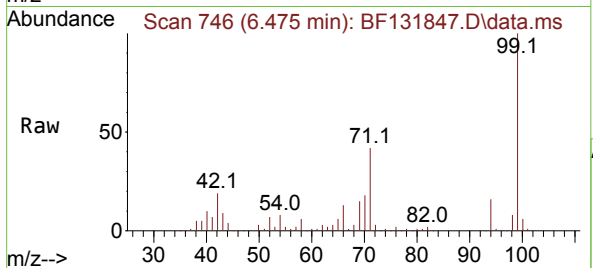




#7
Phenol-d6
Concen: 120.463 ng
RT: 6.475 min Scan# 745
Delta R.T. 0.006 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

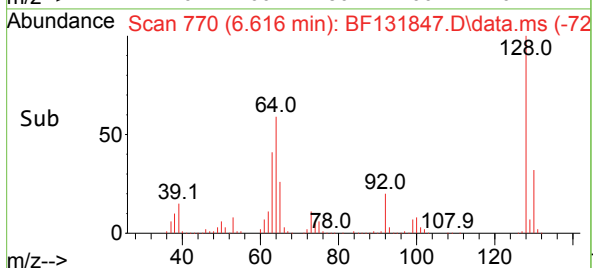
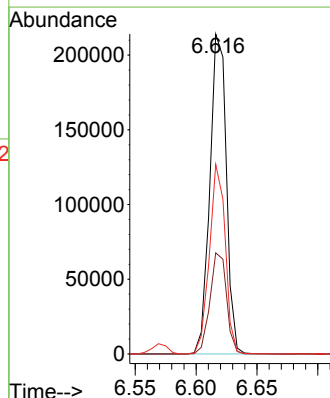
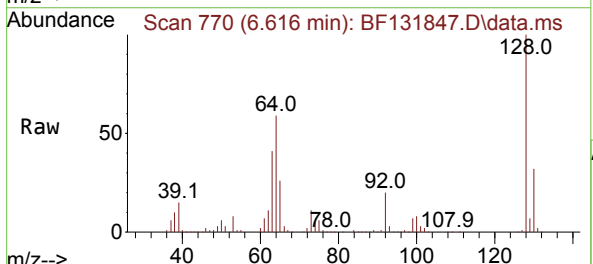
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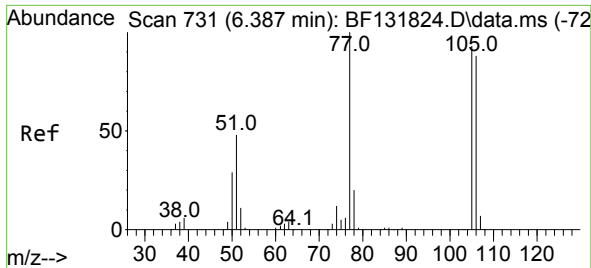
Tgt Ion: 99 Resp: 689850
Ion Ratio Lower Upper
99 100
42 19.1 15.3 22.9
71 42.4 33.5 50.3



#8
2-Chlorophenol
Concen: 43.794 ng
RT: 6.616 min Scan# 770
Delta R.T. -0.006 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

Tgt Ion: 128 Resp: 201115
Ion Ratio Lower Upper
128 100
130 31.6 12.6 52.6
64 59.3 30.7 70.7





#9

Benzaldehyde

Concen: 40.038 ng

RT: 6.387 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF131847.D

Acq: 27 Dec 2022 20:34

Instrument :

BNA_F

ClientSampleId :

HD-01-122322MS

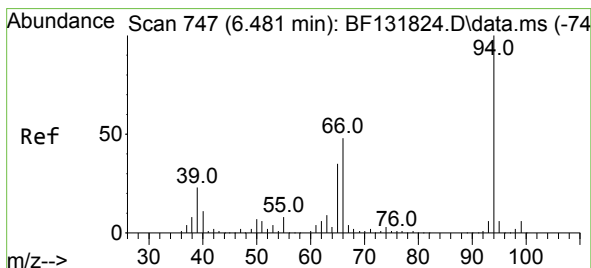
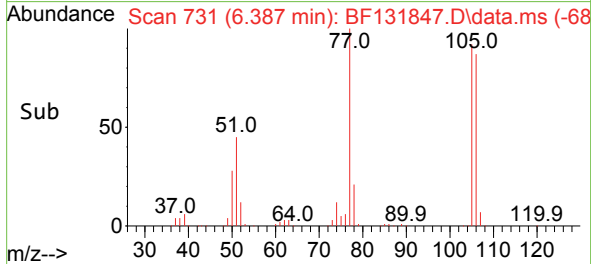
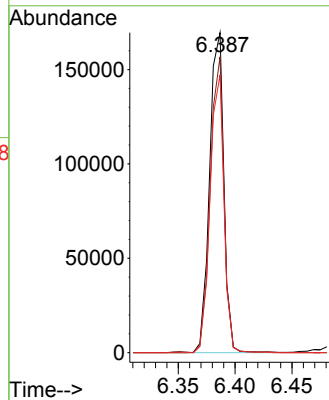
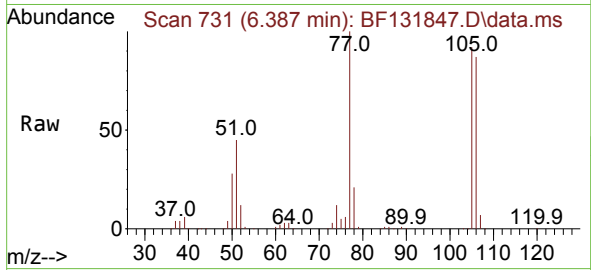
Tgt Ion: 77 Resp: 147119

Ion Ratio Lower Upper

77 100

105 92.4 72.9 112.9

106 86.9 68.5 108.5



#10

Phenol

Concen: 41.303 ng

RT: 6.487 min Scan# 748

Delta R.T. 0.006 min

Lab File: BF131847.D

Acq: 27 Dec 2022 20:34

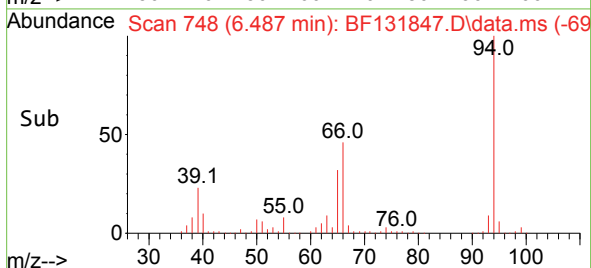
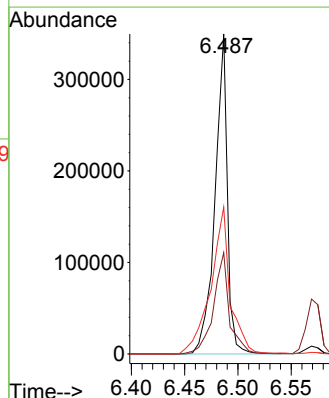
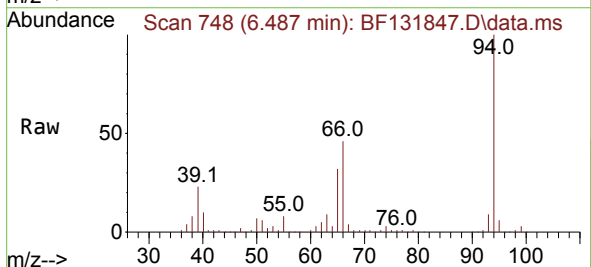
Tgt Ion: 94 Resp: 281671

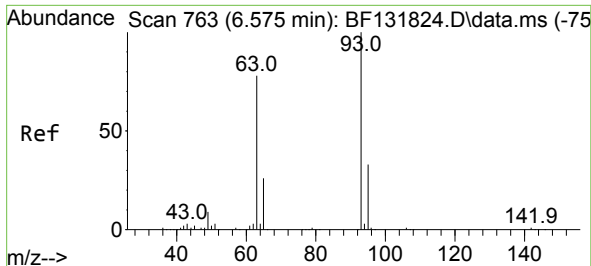
Ion Ratio Lower Upper

94 100

65 31.7 14.6 54.6

66 45.9 28.2 68.2

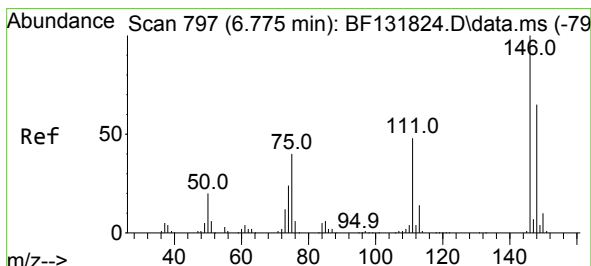
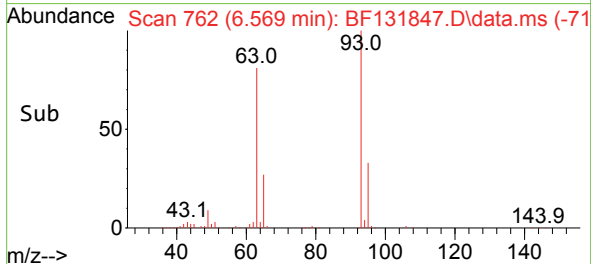
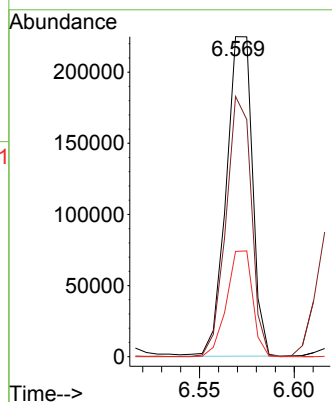
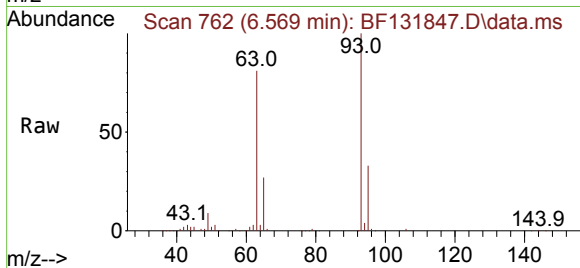




#11
bis(2-Chloroethyl)ether
Concen: 44.306 ng
RT: 6.569 min Scan# 762
Delta R.T. -0.006 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

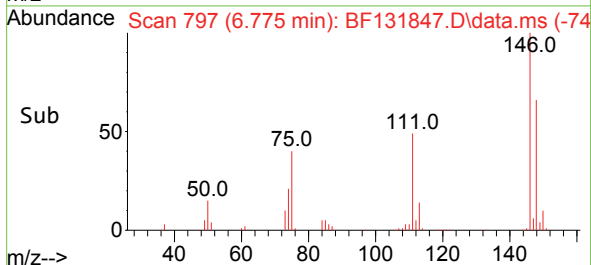
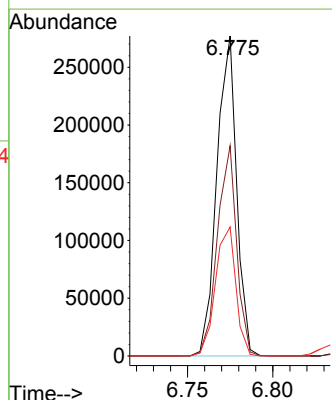
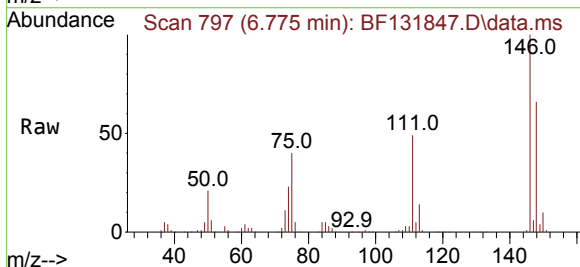
Instrument :
BNA_F
ClientSampleId :
HD-01-122322MS

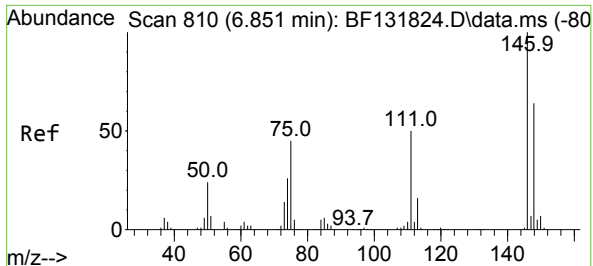
Tgt Ion: 93 Resp: 216071
Ion Ratio Lower Upper
93 100
63 81.4 57.6 97.6
95 32.9 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 42.603 ng
RT: 6.775 min Scan# 797
Delta R.T. 0.000 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

Tgt Ion:146 Resp: 223579
Ion Ratio Lower Upper
146 100
148 65.7 51.8 77.6
75 40.3 32.2 48.4





#13

1,4-Dichlorobenzene

Concen: 42.452 ng

RT: 6.851 min Scan# 810

Delta R.T. 0.000 min

Lab File: BF131847.D

Acq: 27 Dec 2022 20:34

Instrument :

BNA_F

ClientSampleId :

HD-01-122322MS

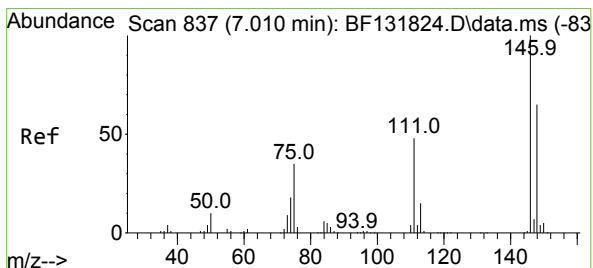
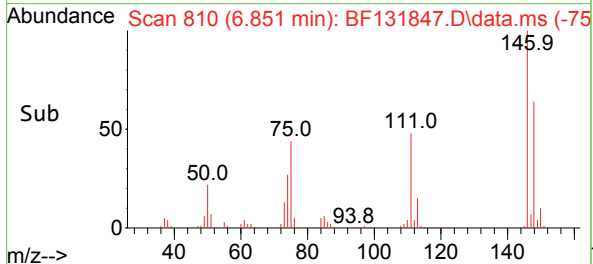
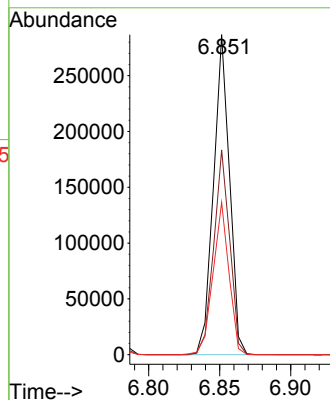
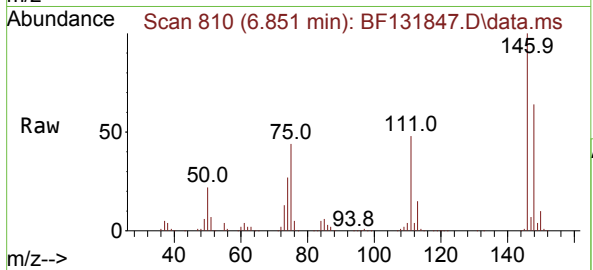
Tgt Ion:146 Resp: 224520

Ion Ratio Lower Upper

146 100

148 64.0 51.3 76.9

111 47.6 40.1 60.1



#14

1,2-Dichlorobenzene

Concen: 43.228 ng

RT: 7.004 min Scan# 836

Delta R.T. -0.006 min

Lab File: BF131847.D

Acq: 27 Dec 2022 20:34

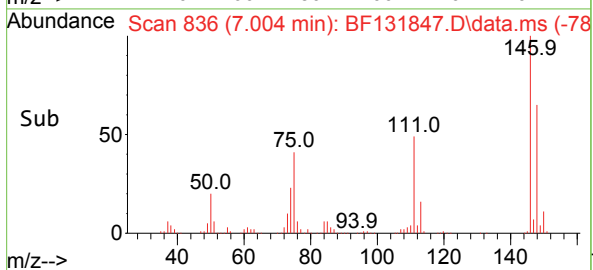
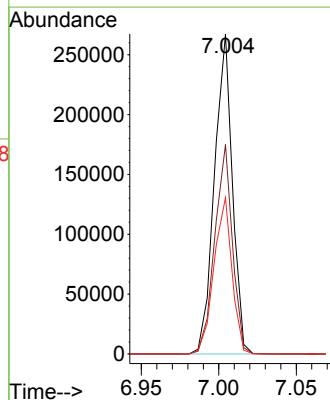
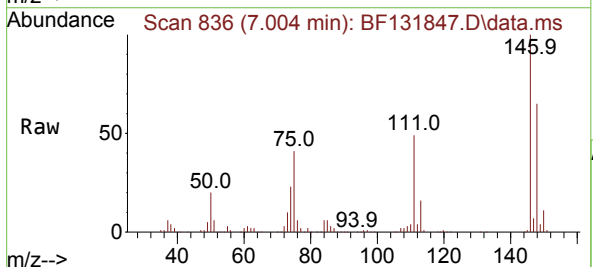
Tgt Ion:146 Resp: 214824

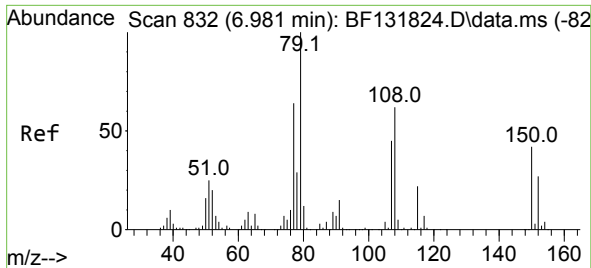
Ion Ratio Lower Upper

146 100

148 65.4 52.2 78.4

111 48.9 38.2 57.4

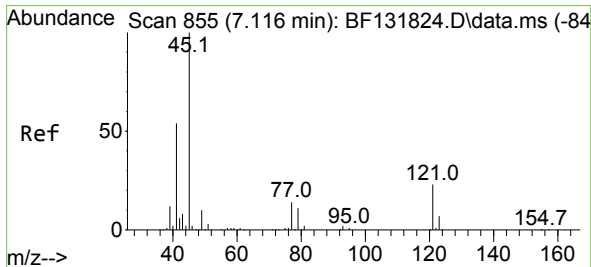
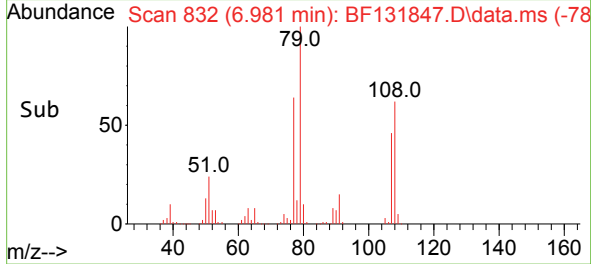
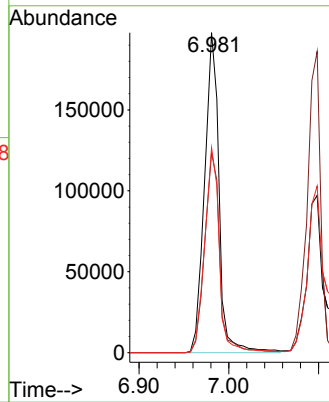
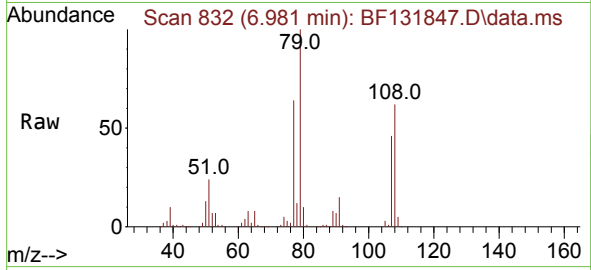




#15
Benzyl Alcohol
Concen: 44.101 ng
RT: 6.981 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

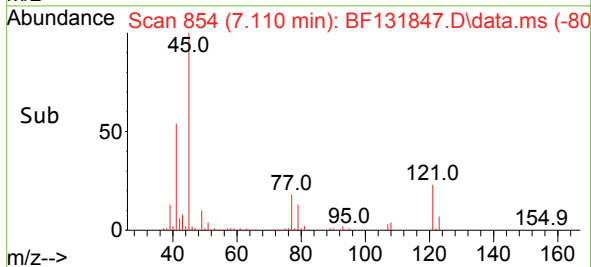
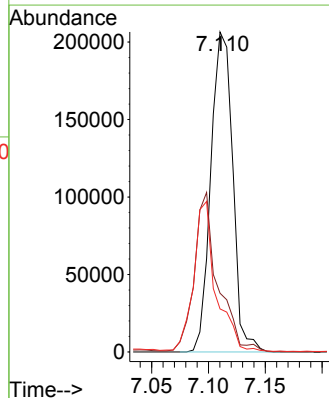
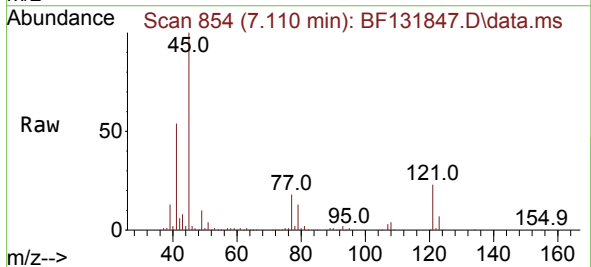
Instrument :
BNA_F
ClientSampleId :
HD-01-122322MS

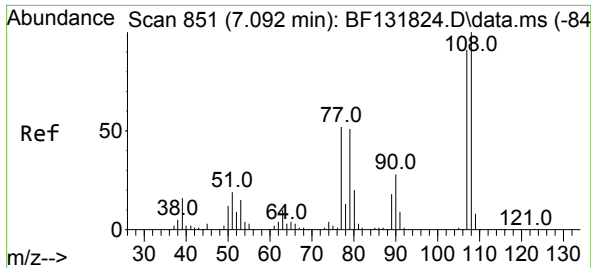
Tgt Ion: 79 Resp: 221470
Ion Ratio Lower Upper
79 100
108 62.5 49.8 74.8
77 64.1 51.4 77.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.404 ng
RT: 7.110 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

Tgt Ion: 45 Resp: 276348
Ion Ratio Lower Upper
45 100
77 18.4 0.0 36.1
79 13.4 0.0 33.3

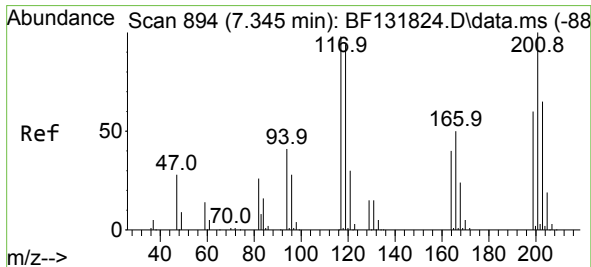
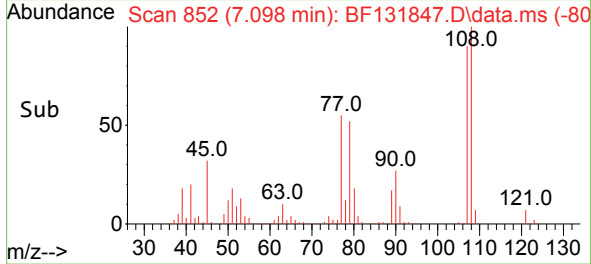
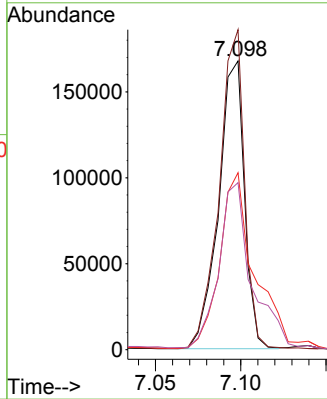
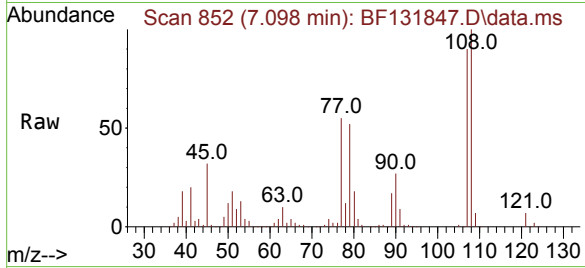




#17
2-Methylphenol
Concen: 42.066 ng
RT: 7.098 min Scan# 851
Delta R.T. 0.006 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

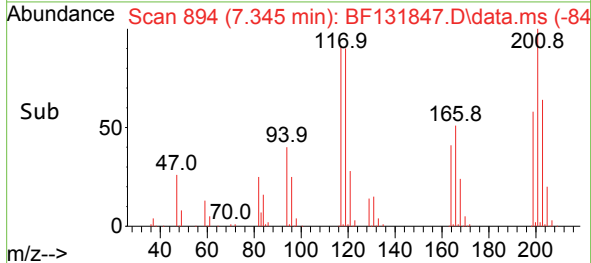
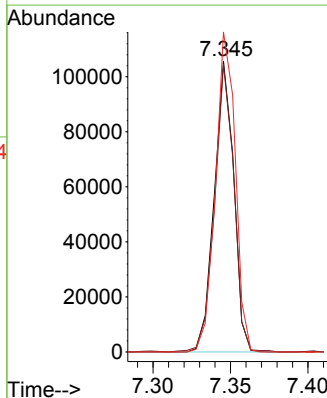
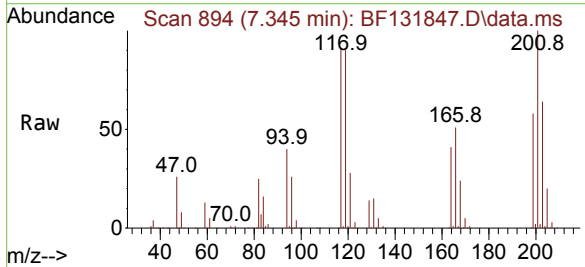
Instrument :
BNA_F
ClientSampleId :
HD-01-122322MS

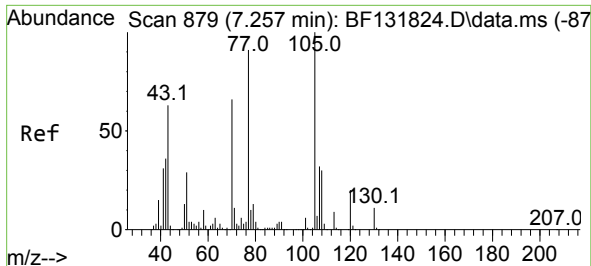
Tgt Ion:107 Resp: 176604
Ion Ratio Lower Upper
107 100
108 110.8 87.6 131.4
77 61.3 45.8 68.8
79 57.8 45.1 67.7



#18
Hexachloroethane
Concen: 43.215 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.000 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

Tgt Ion:117 Resp: 92292
Ion Ratio Lower Upper
117 100
119 98.8 76.5 114.7
201 109.9 81.7 122.5

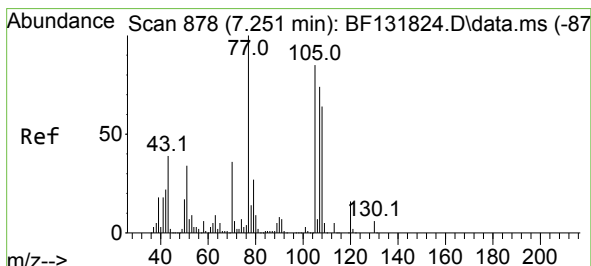
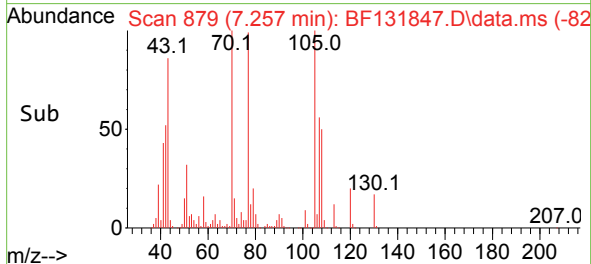
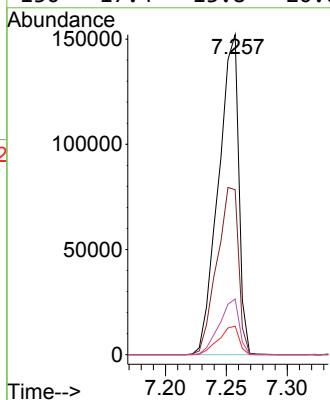
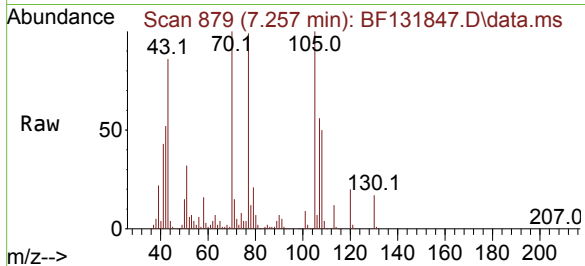




#19
n-Nitroso-di-n-propylamine
Concen: 43.552 ng
RT: 7.257 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

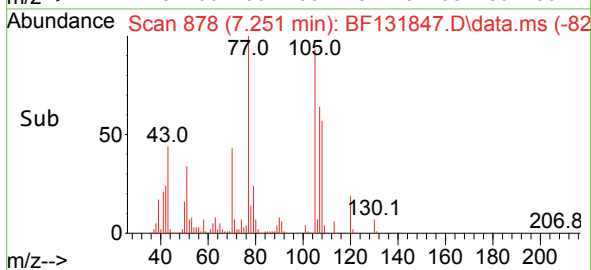
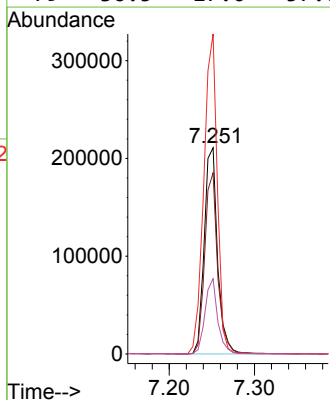
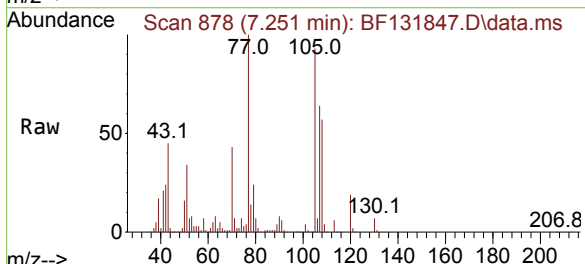
Instrument :
BNA_F
ClientSampleId :
HD-01-122322MS

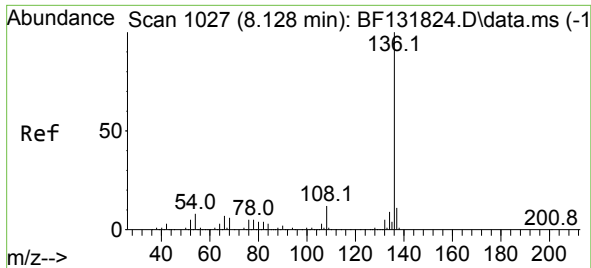
Tgt Ion: 70 Resp: 176144
Ion Ratio Lower Upper
70 100
42 51.5 43.8 65.6
101 8.9 7.4 11.0
130 17.4 13.8 20.6



#20
3+4-Methylphenols
Concen: 41.934 ng
RT: 7.251 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

Tgt Ion:107 Resp: 229703
Ion Ratio Lower Upper
107 100
108 87.8 67.1 107.1
77 155.2 114.9 154.9#
79 36.5 17.0 57.0

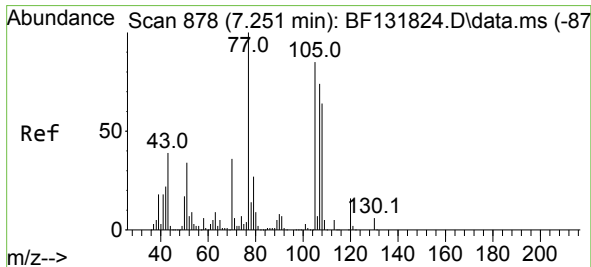
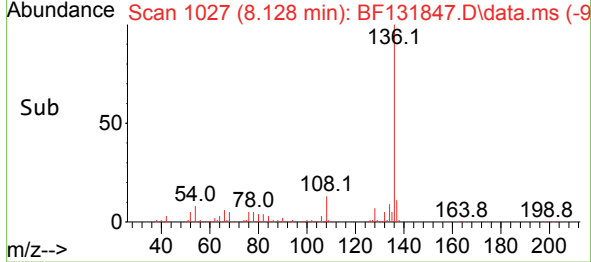
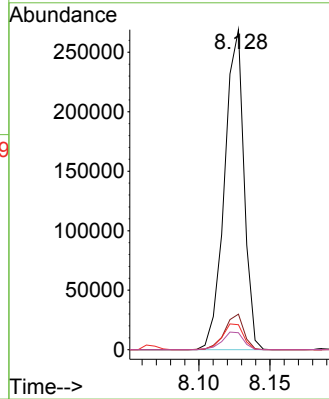
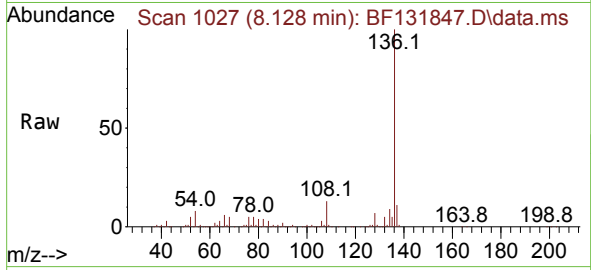




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

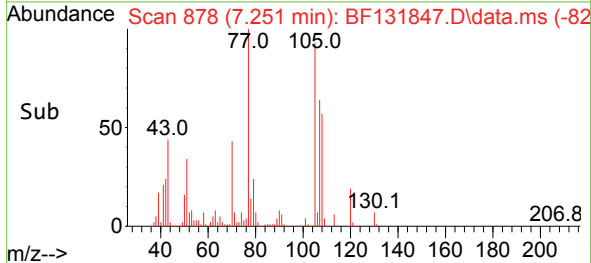
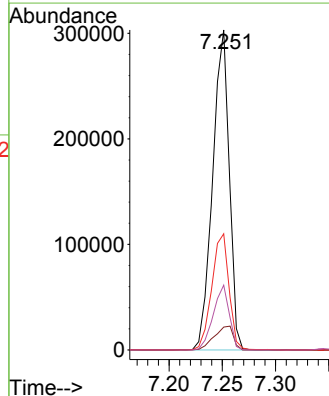
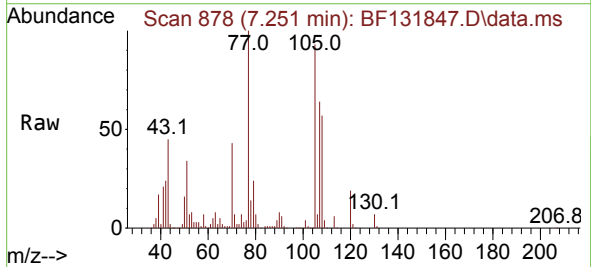
Instrument :
BNA_F
ClientSampleId :
HD-01-122322MS

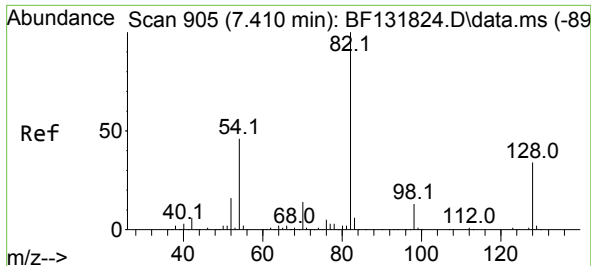
Tgt Ion:	136	Resp:	256037
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.6	12.8
54	7.8	6.7	10.1
68	5.3	4.8	7.2



#22
Acetophenone
Concen: 43.589 ng
RT: 7.251 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

Tgt Ion:	105	Resp:	327194
Ion Ratio	Lower	Upper	
105	100		
71	7.1	5.4	8.0
51	36.3	31.9	47.9
120	20.3	15.2	22.8





#23

Nitrobenzene-d5

Concen: 76.109 ng

RT: 7.404 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF131847.D

Acq: 27 Dec 2022 20:34

Instrument :

BNA_F

ClientSampleId :

HD-01-122322MS

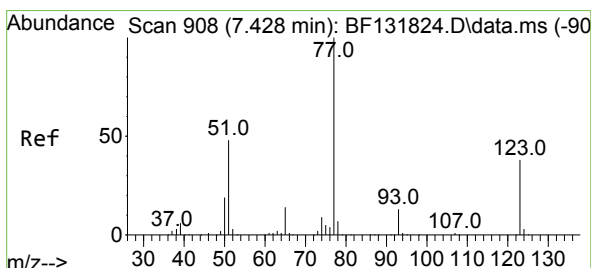
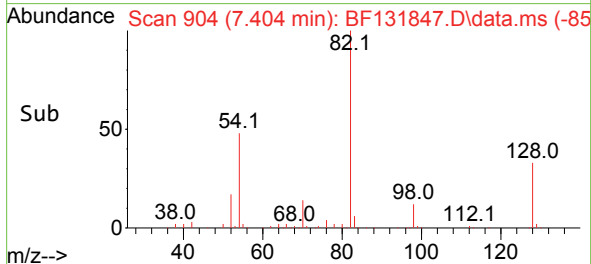
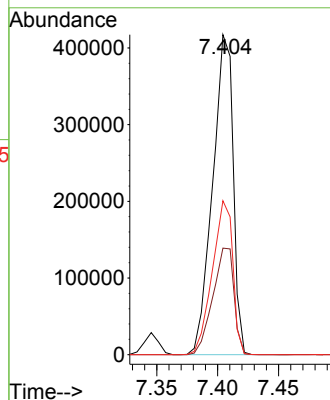
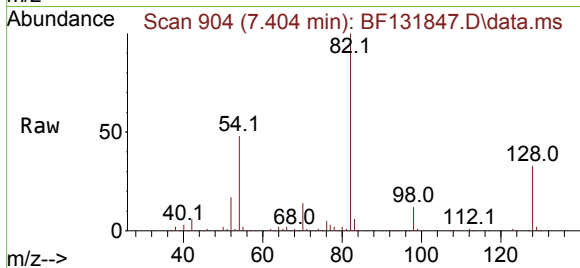
Tgt Ion: 82 Resp: 488073

Ion Ratio Lower Upper

82 100

128 33.3 27.1 40.7

54 48.1 37.0 55.6



#24

Nitrobenzene

Concen: 41.999 ng

RT: 7.428 min Scan# 908

Delta R.T. 0.000 min

Lab File: BF131847.D

Acq: 27 Dec 2022 20:34

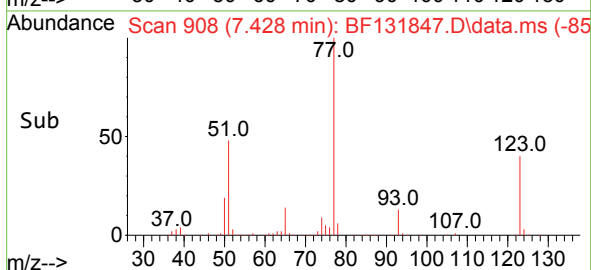
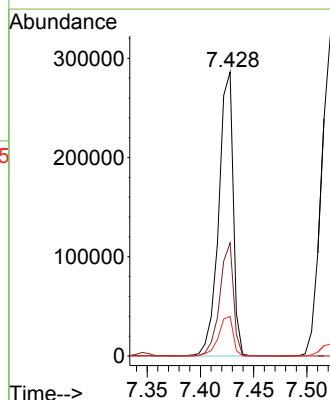
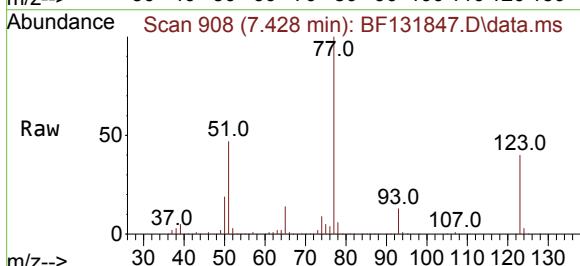
Tgt Ion: 77 Resp: 269918

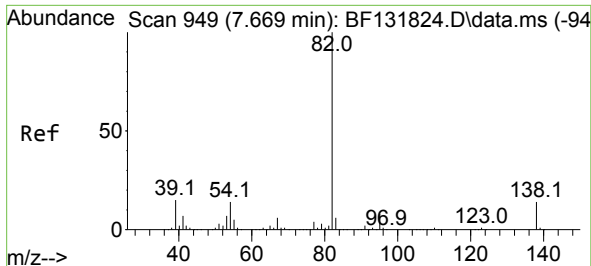
Ion Ratio Lower Upper

77 100

123 39.8 30.4 45.6

65 13.9 11.1 16.7

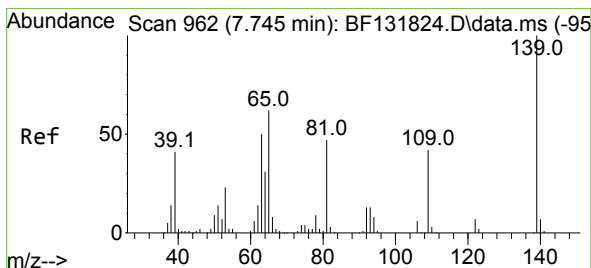
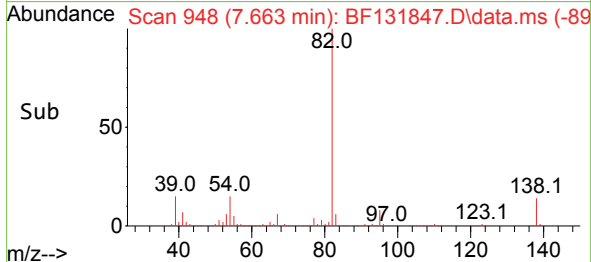
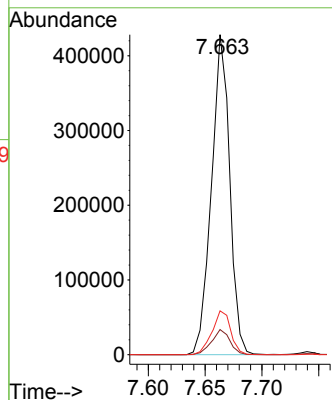
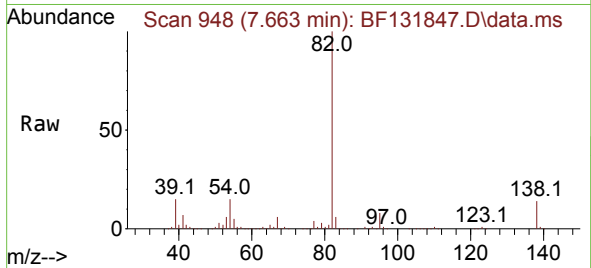




#25
Isophorone
Concen: 45.648 ng
RT: 7.663 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

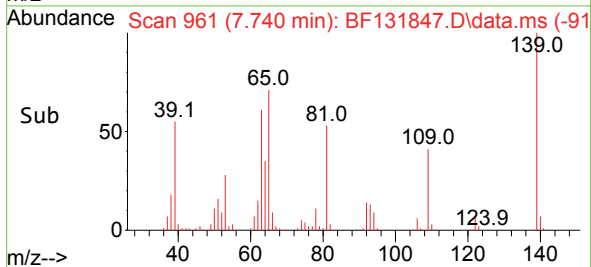
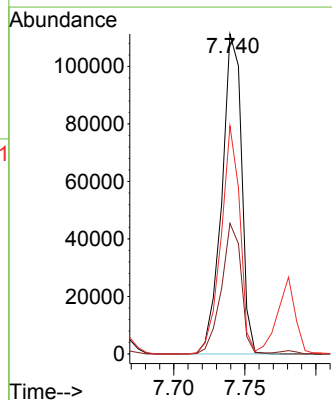
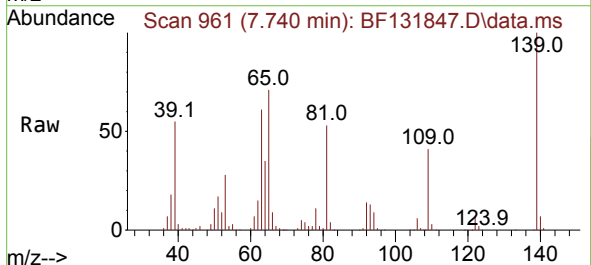
Instrument :
BNA_F
ClientSampleId :
HD-01-122322MS

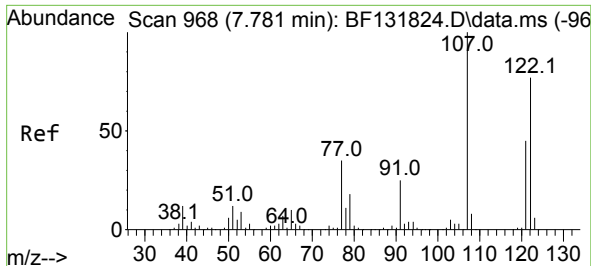
Tgt Ion: 82 Resp: 478062
Ion Ratio Lower Upper
82 100
95 7.9 6.2 9.4
138 13.7 11.5 17.3



#26
2-Nitrophenol
Concen: 42.922 ng
RT: 7.740 min Scan# 961
Delta R.T. -0.006 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

Tgt Ion:139 Resp: 107253
Ion Ratio Lower Upper
139 100
109 40.8 33.7 50.5
65 71.2 49.4 74.2





#27

2,4-Dimethylphenol

Concen: 50.520 ng

RT: 7.781 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF131847.D

Acq: 27 Dec 2022 20:34

Instrument :

BNA_F

ClientSampleId :

HD-01-122322MS

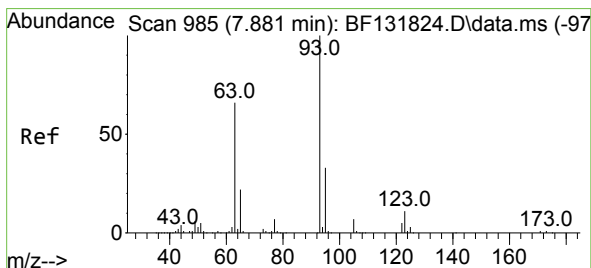
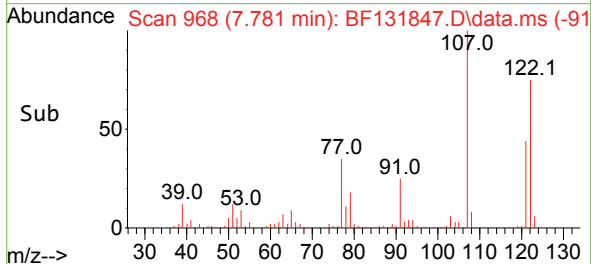
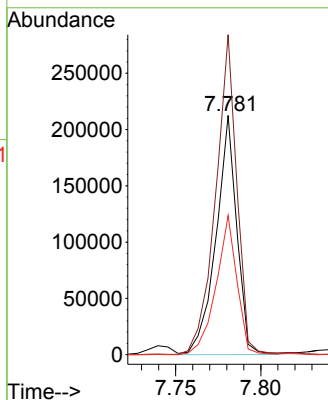
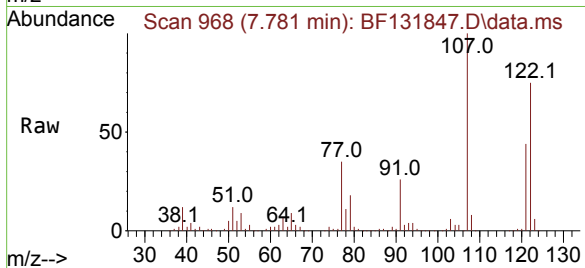
Tgt Ion:122 Resp: 180071

Ion Ratio Lower Upper

122 100

107 133.8 104.4 156.6

121 58.2 46.8 70.2



#28

bis(2-Chloroethoxy)methane

Concen: 48.249 ng

RT: 7.875 min Scan# 984

Delta R.T. -0.006 min

Lab File: BF131847.D

Acq: 27 Dec 2022 20:34

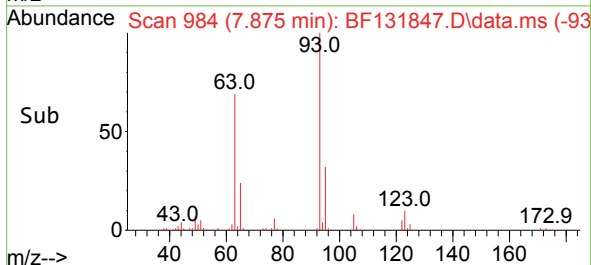
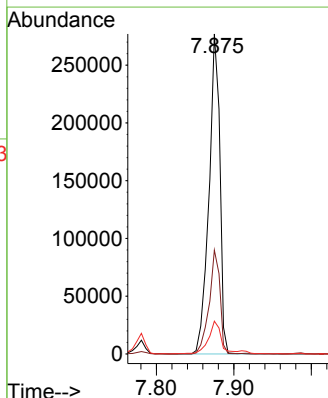
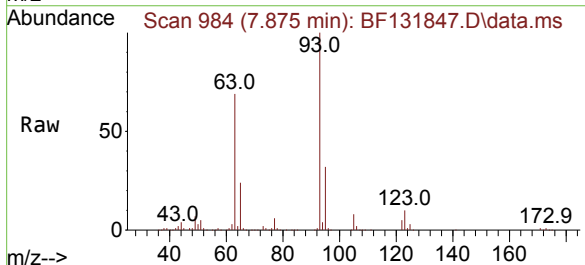
Tgt Ion: 93 Resp: 271081

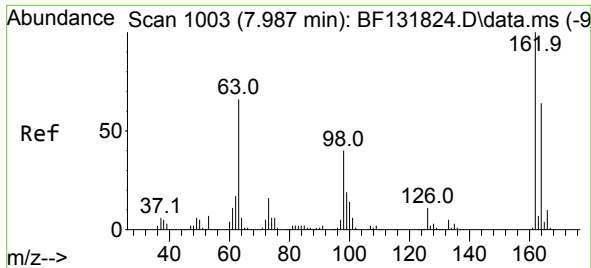
Ion Ratio Lower Upper

93 100

95 32.4 26.3 39.5

123 10.3 8.7 13.1





#29

2,4-Dichlorophenol

Concen: 41.385 ng

RT: 7.987 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BF131847.D

Acq: 27 Dec 2022 20:34

Instrument :

BNA_F

ClientSampleId :

HD-01-122322MS

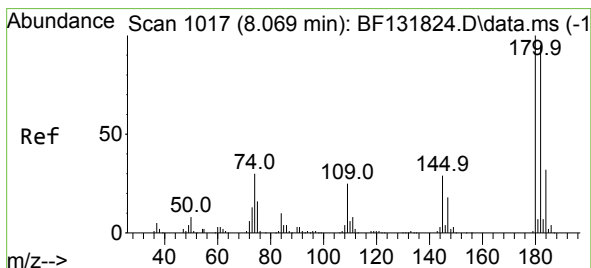
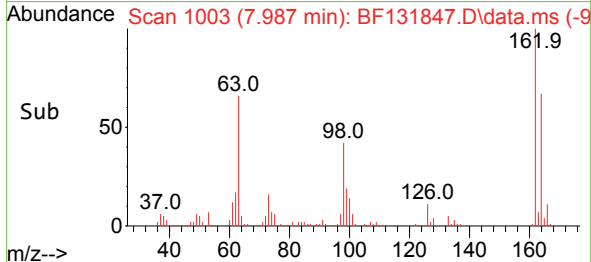
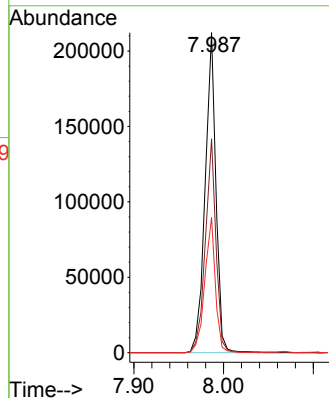
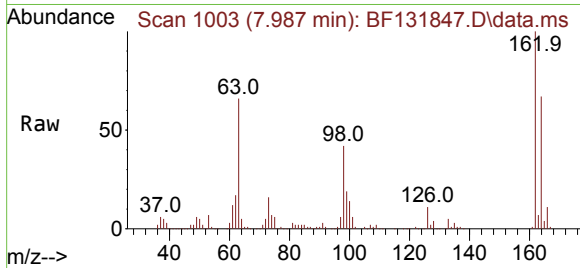
Tgt Ion:162 Resp: 177719

Ion Ratio Lower Upper

162 100

164 66.8 44.1 84.1

98 42.3 19.9 59.9



#30

1,2,4-Trichlorobenzene

Concen: 41.939 ng

RT: 8.063 min Scan# 1016

Delta R.T. -0.006 min

Lab File: BF131847.D

Acq: 27 Dec 2022 20:34

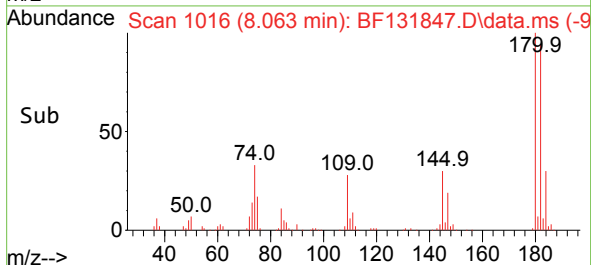
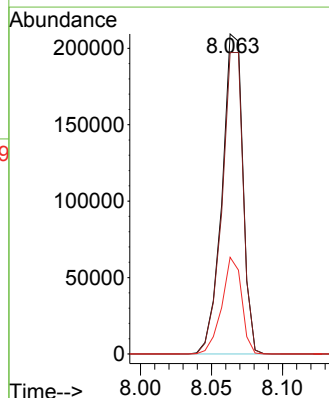
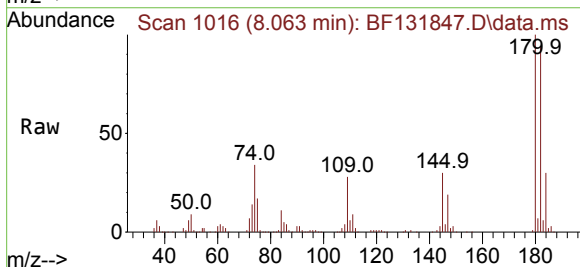
Tgt Ion:180 Resp: 213530

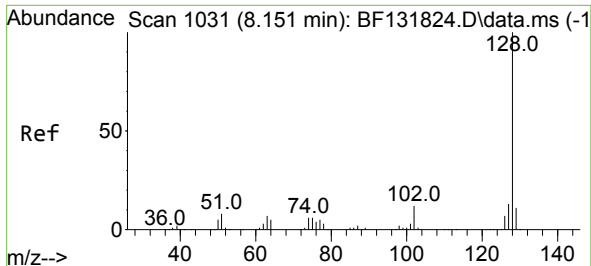
Ion Ratio Lower Upper

180 100

182 94.2 76.2 114.4

145 30.2 23.3 34.9

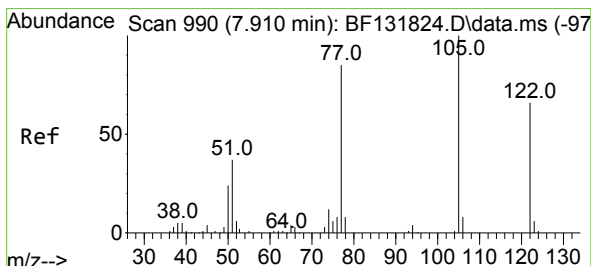
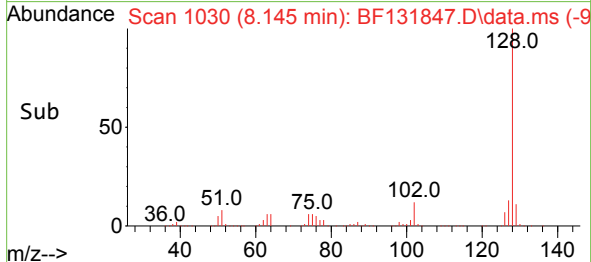
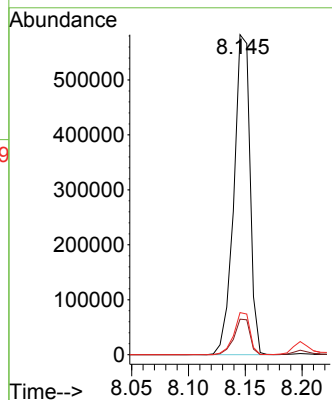
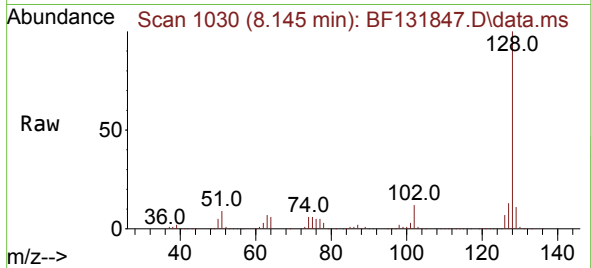




#31
Naphthalene
Concen: 40.947 ng
RT: 8.145 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

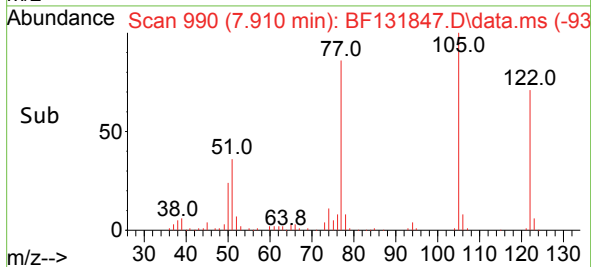
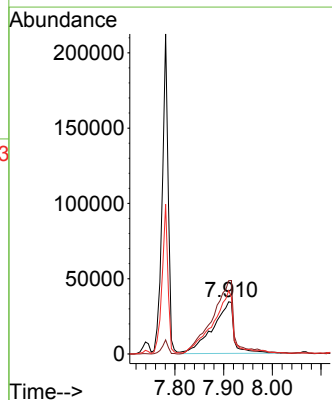
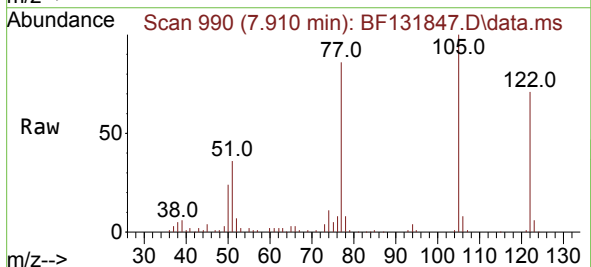
Instrument :
BNA_F
ClientSampleId :
HD-01-122322MS

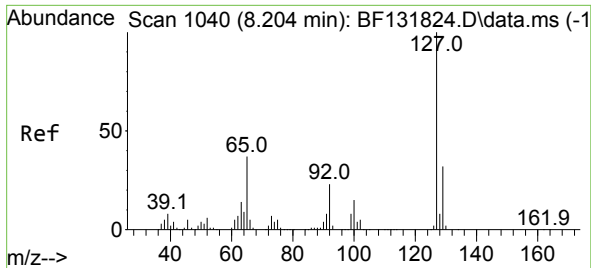
Tgt Ion:128 Resp: 574154
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.2 10.6 15.8



#32
Benzoic acid
Concen: 40.635 ng
RT: 7.910 min Scan# 990
Delta R.T. 0.000 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

Tgt Ion:122 Resp: 105863
Ion Ratio Lower Upper
122 100
105 140.3 127.9 167.9
77 121.2 106.9 146.9

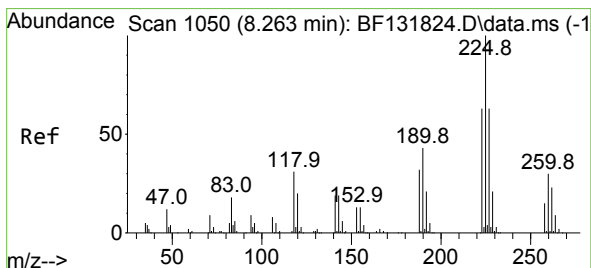
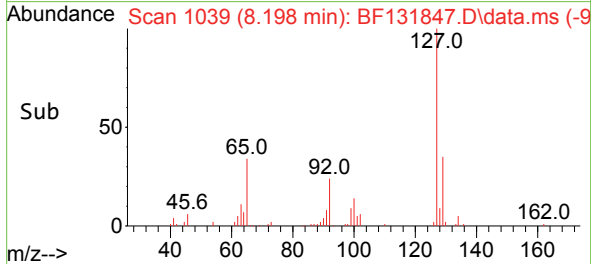
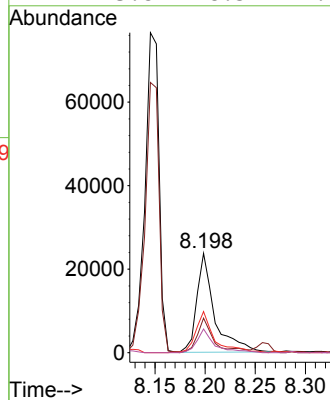
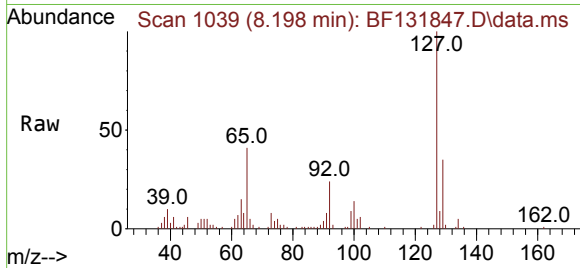




#33
4-Chloroaniline
Concen: 5.444 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

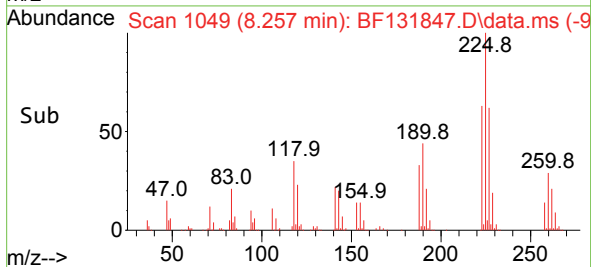
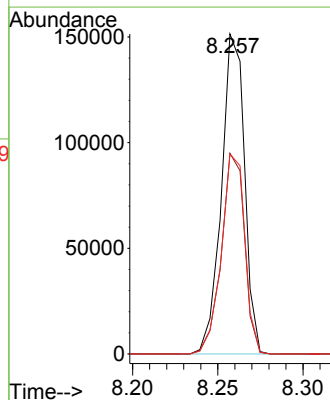
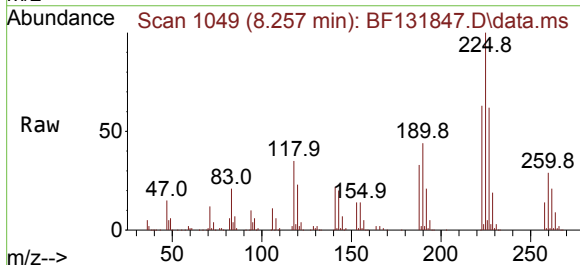
Instrument :
BNA_F
ClientSampleId :
HD-01-122322MS

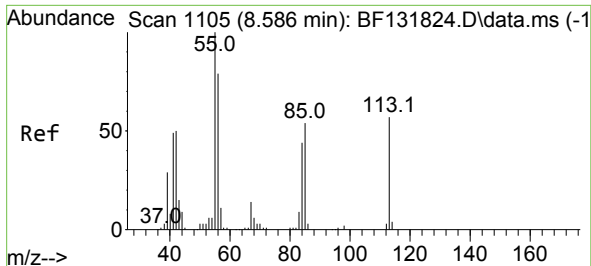
Tgt Ion:127	Resp:	29290
Ion Ratio	Lower	Upper
127	100	
129	34.8	25.8 38.8
65	41.4	29.7 44.5
92	23.8	18.5 27.7



#34
Hexachlorobutadiene
Concen: 40.896 ng
RT: 8.257 min Scan# 1049
Delta R.T. -0.006 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

Tgt Ion:225	Resp:	142453
Ion Ratio	Lower	Upper
225	100	
223	62.7	50.0 75.0
227	62.5	50.8 76.2

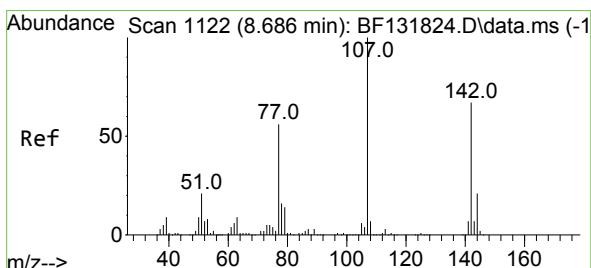
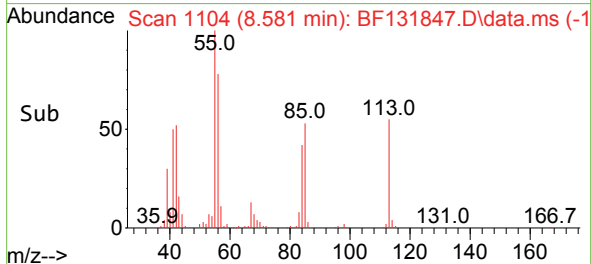
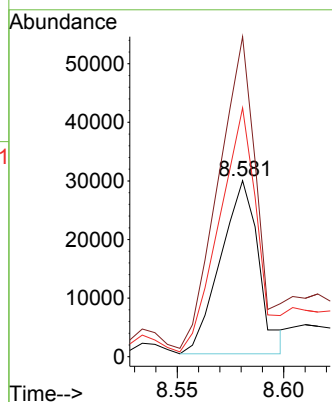
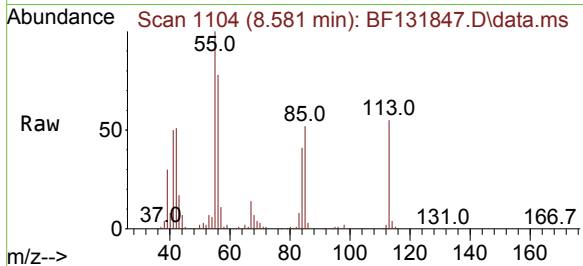




#35
 Caprolactam
 Concen: 29.026 ng
 RT: 8.581 min Scan# 1104
 Delta R.T. -0.006 min
 Lab File: BF131847.D
 Acq: 27 Dec 2022 20:34

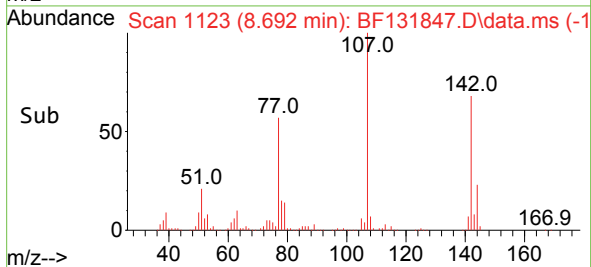
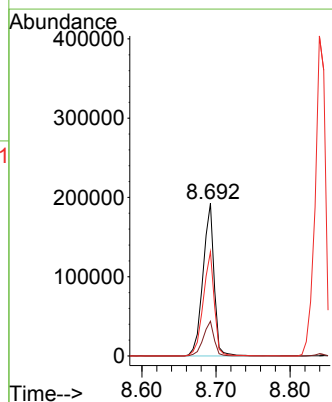
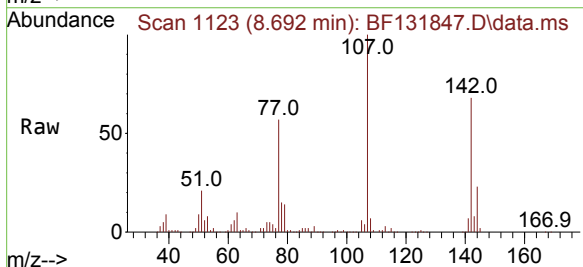
Instrument :
 BNA_F
 ClientSampleId :
 HD-01-122322MS

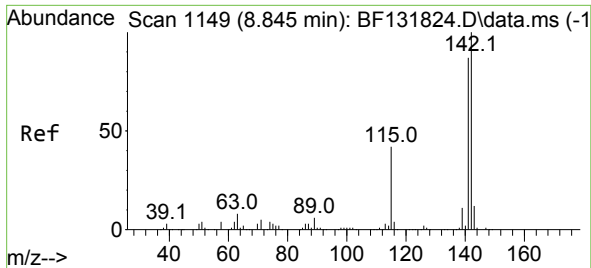
Tgt Ion:113 Resp: 36904
 Ion Ratio Lower Upper
 113 100
 55 181.9 153.3 193.3
 56 141.4 116.3 156.3



#36
 4-Chloro-3-methylphenol
 Concen: 41.623 ng
 RT: 8.692 min Scan# 1123
 Delta R.T. 0.006 min
 Lab File: BF131847.D
 Acq: 27 Dec 2022 20:34

Tgt Ion:107 Resp: 202012
 Ion Ratio Lower Upper
 107 100
 144 22.8 16.8 25.2
 142 68.2 53.8 80.8

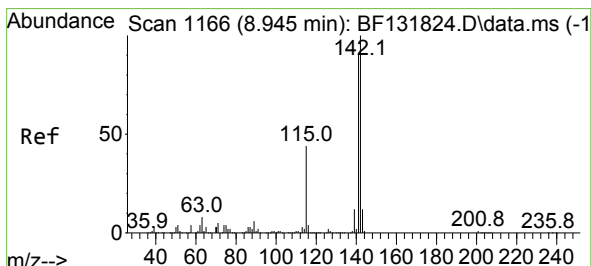
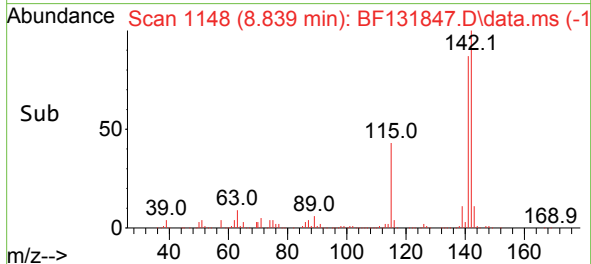
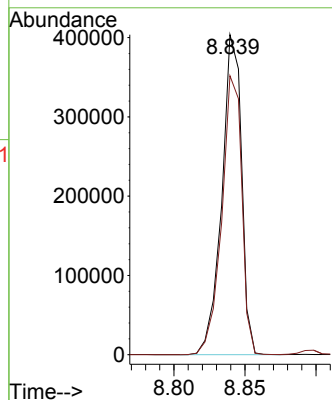
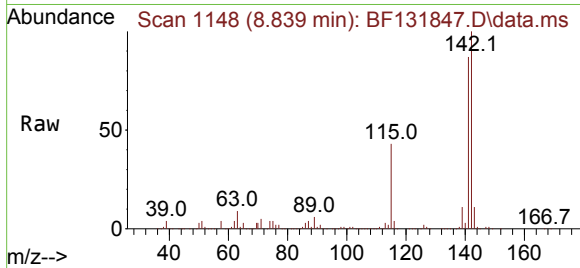




#37
2-Methylnaphthalene
Concen: 41.288 ng
RT: 8.839 min Scan# 1148
Delta R.T. -0.006 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

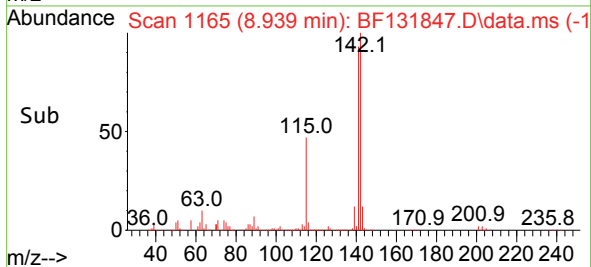
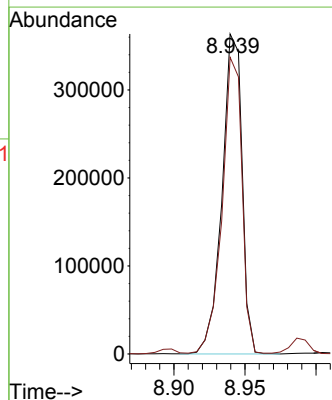
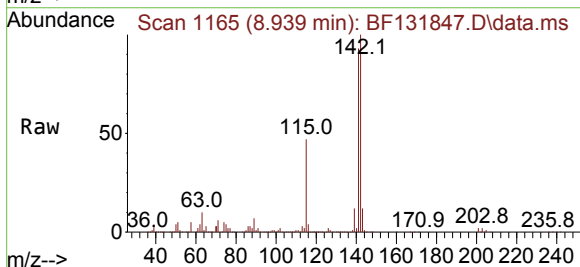
Instrument :
BNA_F
ClientSampleId :
HD-01-122322MS

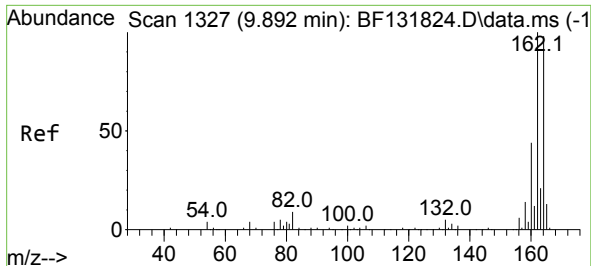
Tgt Ion:142 Resp: 388553
Ion Ratio Lower Upper
142 100
141 87.1 69.8 104.8



#38
1-Methylnaphthalene
Concen: 39.007 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

Tgt Ion:142 Resp: 356568
Ion Ratio Lower Upper
142 100
141 92.7 73.0 109.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131847.D

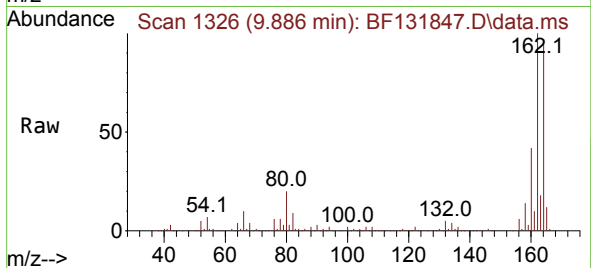
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Instrument :

BNA_F

ClientSampleId :

HD-01-122322MS



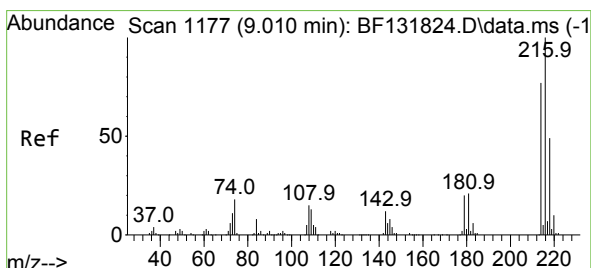
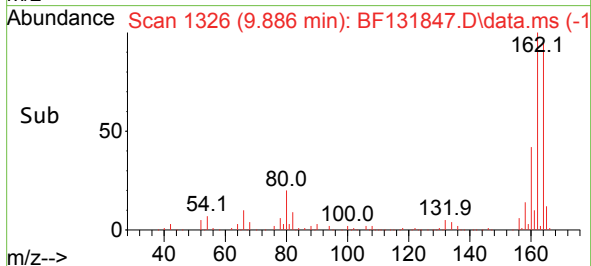
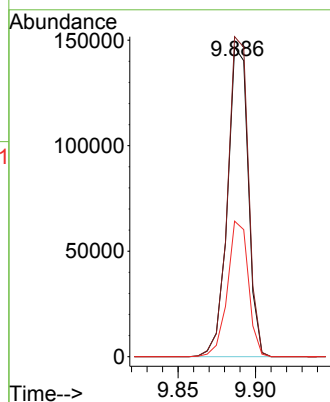
Tgt Ion:164 Resp: 136873

Ion Ratio Lower Upper

164 100

162 103.4 81.8 122.6

160 43.8 35.7 53.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.170 ng

RT: 9.010 min Scan# 1177

Delta R.T. 0.000 min

Lab File: BF131847.D

Acq: 27 Dec 2022 20:34

Tgt Ion:216 Resp: 221888

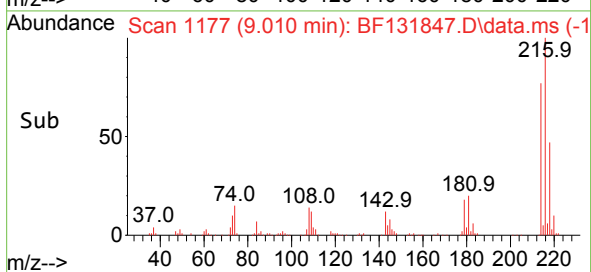
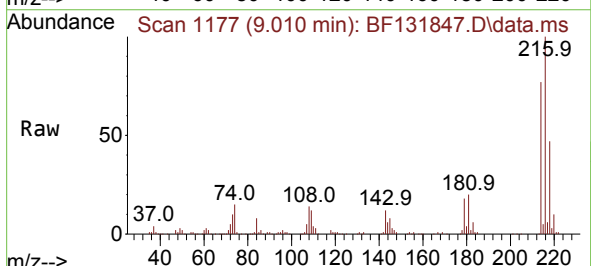
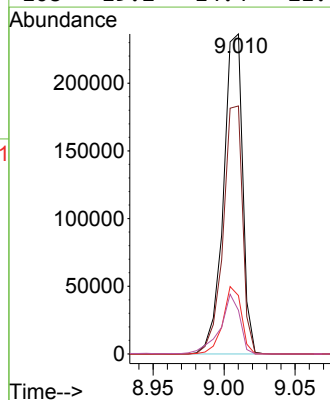
Ion Ratio Lower Upper

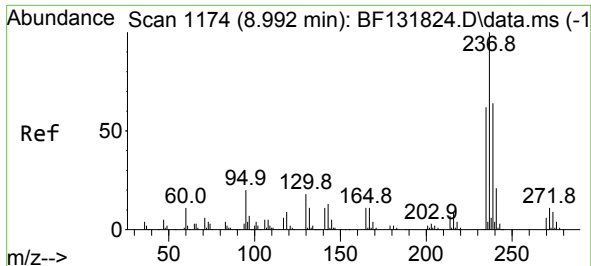
216 100

214 78.0 63.0 94.4

179 20.3 16.4 24.6

108 19.2 14.4 21.6

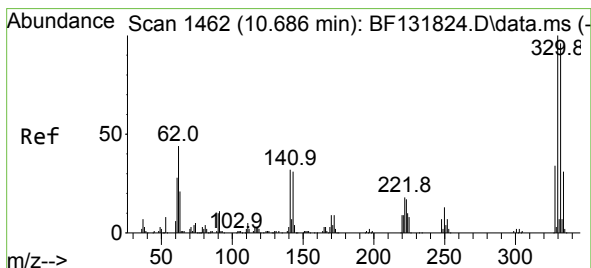
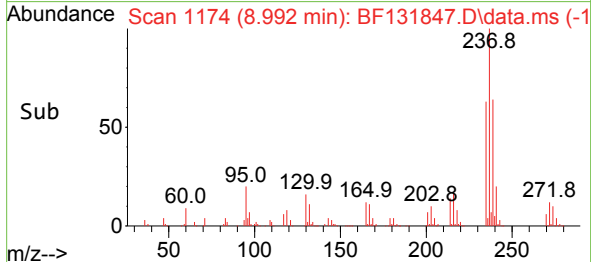
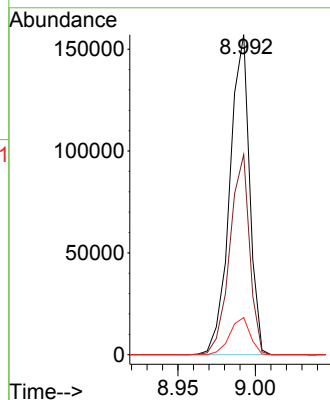
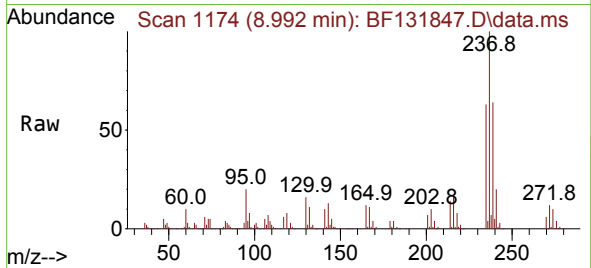




#41
Hexachlorocyclopentadiene
Concen: 66.023 ng
RT: 8.992 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

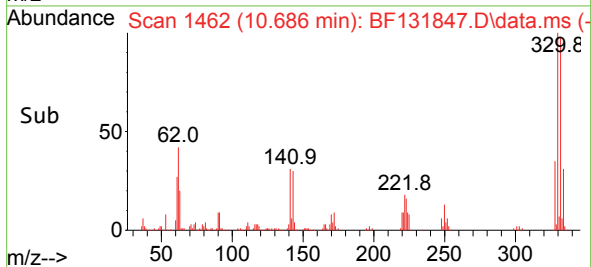
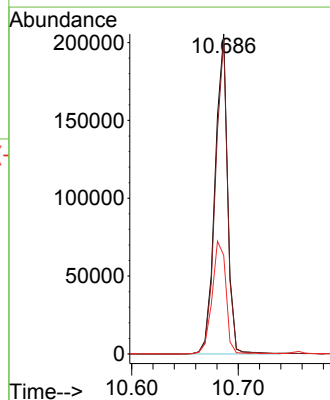
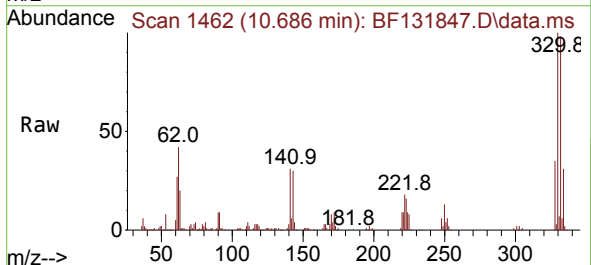
Instrument :
BNA_F
ClientSampleId :
HD-01-122322MS

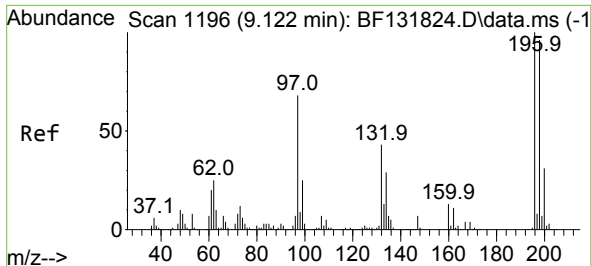
Tgt Ion:237 Resp: 139600
Ion Ratio Lower Upper
237 100
235 62.6 42.3 82.3
272 11.6 0.0 31.4



#42
2,4,6-Tribromophenol
Concen: 113.185 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

Tgt Ion:330 Resp: 168321
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.4
141 39.0 31.0 46.4

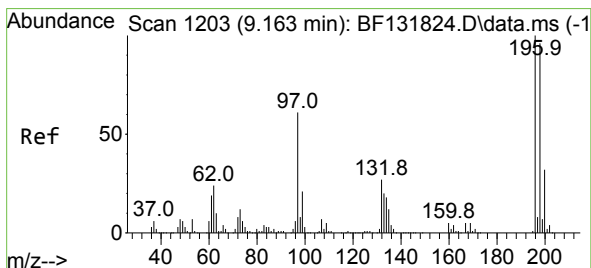
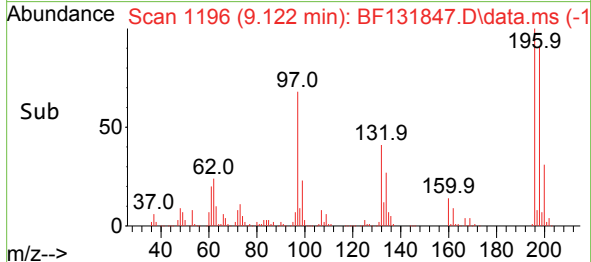
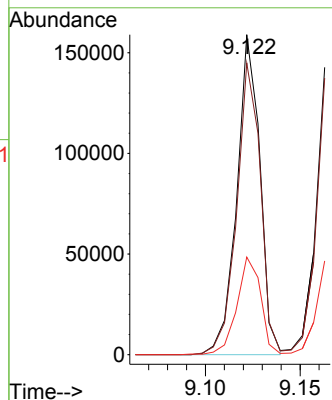
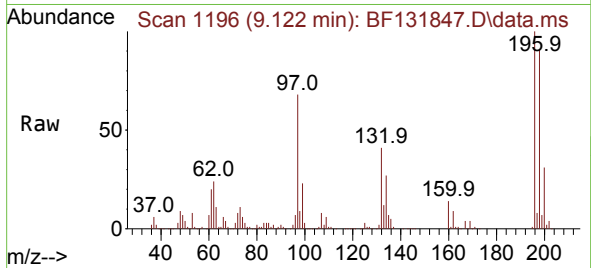




#43
 2,4,6-Trichlorophenol
 Concen: 43.727 ng
 RT: 9.122 min Scan# 1196
 Delta R.T. 0.000 min
 Lab File: BF131847.D
 Acq: 27 Dec 2022 20:34

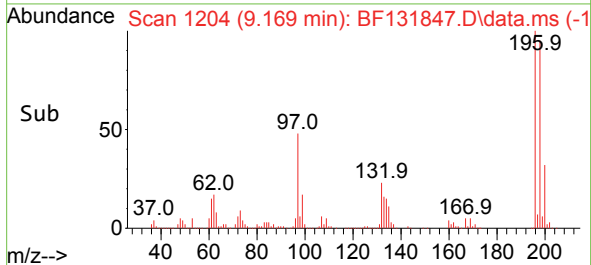
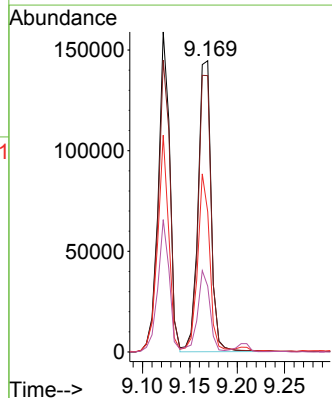
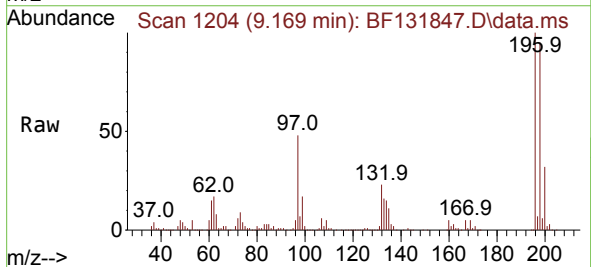
Instrument :
 BNA_F
 ClientSampleId :
 HD-01-122322MS

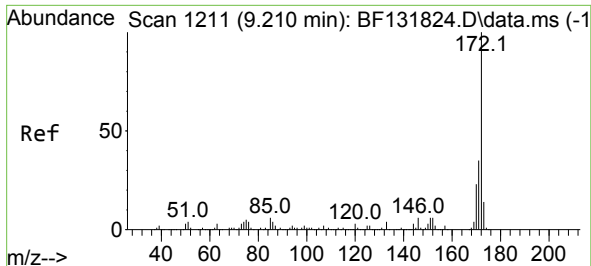
Tgt Ion:196 Resp: 134594
 Ion Ratio Lower Upper
 196 100
 198 91.1 76.5 114.7
 200 30.5 24.5 36.7



#44
 2,4,5-Trichlorophenol
 Concen: 41.844 ng
 RT: 9.169 min Scan# 1204
 Delta R.T. 0.006 min
 Lab File: BF131847.D
 Acq: 27 Dec 2022 20:34

Tgt Ion:196 Resp: 139228
 Ion Ratio Lower Upper
 196 100
 198 94.9 76.6 115.0
 97 48.1 49.3 73.9#
 132 22.6 21.8 32.8





#45

2-Fluorobiphenyl

Concen: 78.573 ng

RT: 9.210 min Scan# 1211

Delta R.T. 0.000 min

Lab File: BF131847.D

Acq: 27 Dec 2022 20:34

Instrument :

BNA_F

ClientSampleId :

HD-01-122322MS

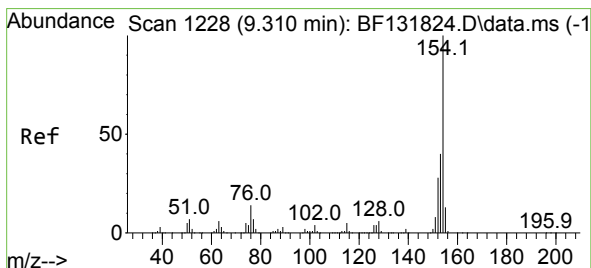
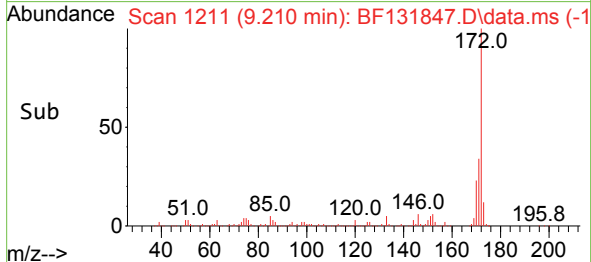
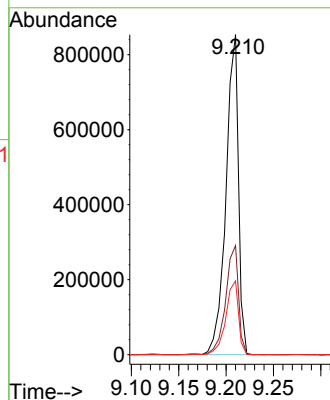
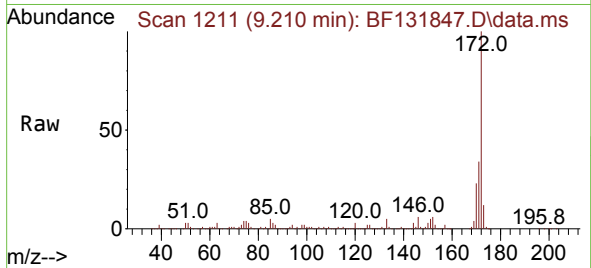
Tgt Ion:172 Resp: 785155

Ion Ratio Lower Upper

172 100

171 34.1 27.9 41.9

170 23.0 18.7 28.1



#46

1,1'-Biphenyl

Concen: 45.840 ng

RT: 9.310 min Scan# 1228

Delta R.T. 0.000 min

Lab File: BF131847.D

Acq: 27 Dec 2022 20:34

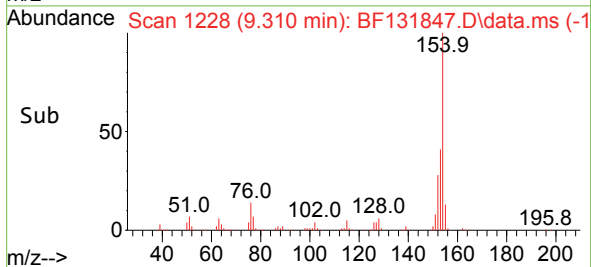
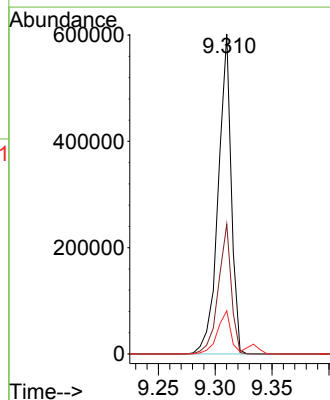
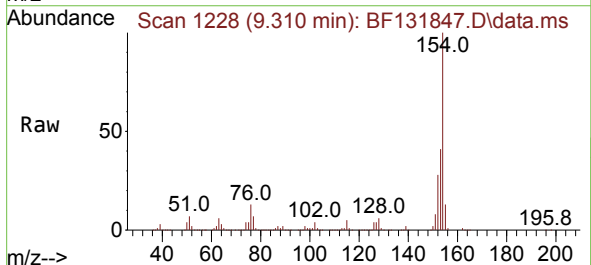
Tgt Ion:154 Resp: 480363

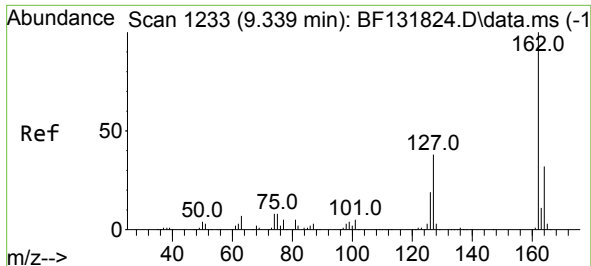
Ion Ratio Lower Upper

154 100

153 40.6 19.8 59.8

76 13.5 0.0 33.9

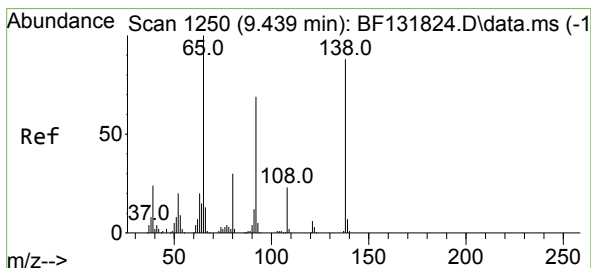
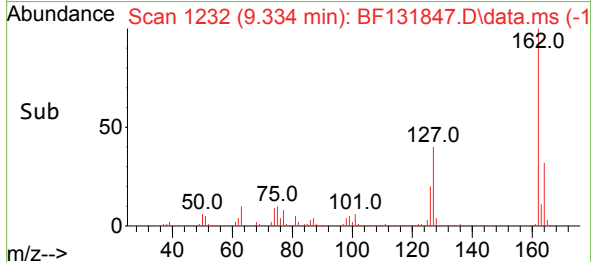
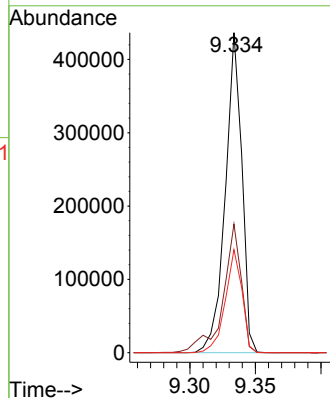
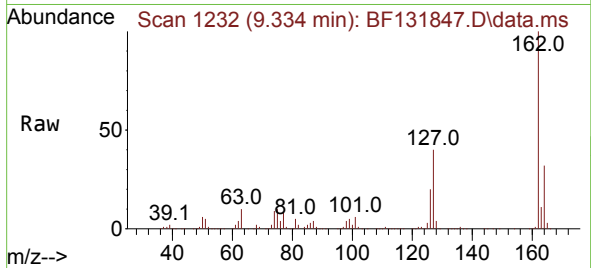




#47
2-Chloronaphthalene
Concen: 43.999 ng
RT: 9.334 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

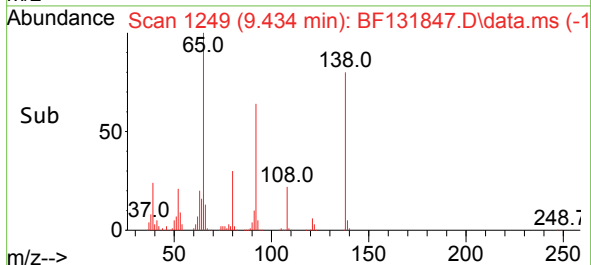
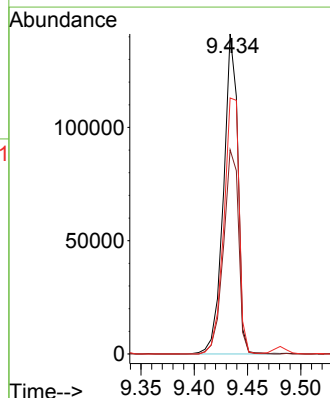
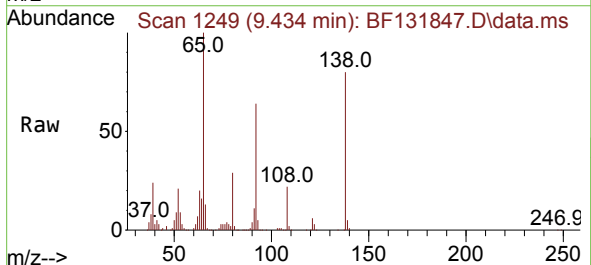
Instrument :
BNA_F
ClientSampleId :
HD-01-122322MS

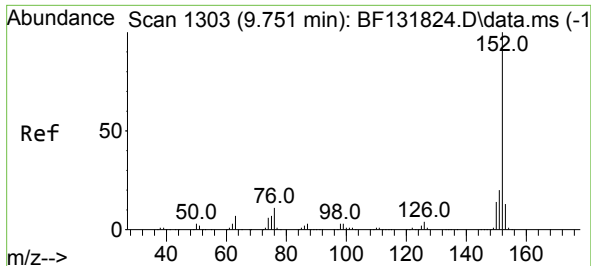
Tgt Ion:162 Resp: 381442
Ion Ratio Lower Upper
162 100
127 40.2 31.0 46.6
164 32.2 25.9 38.9



#48
2-Nitroaniline
Concen: 41.605 ng
RT: 9.434 min Scan# 1249
Delta R.T. -0.006 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

Tgt Ion: 65 Resp: 132207
Ion Ratio Lower Upper
65 100
92 63.8 55.0 82.6
138 80.0 70.4 105.6

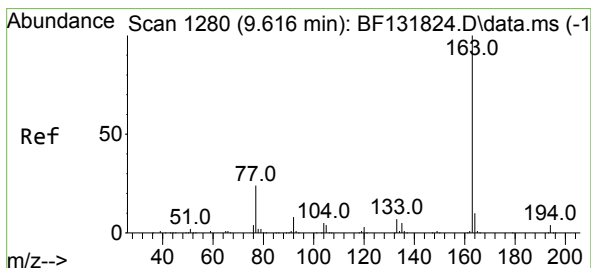
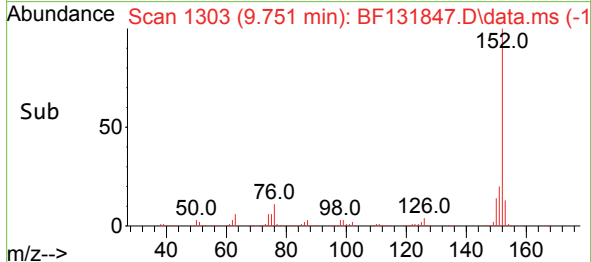
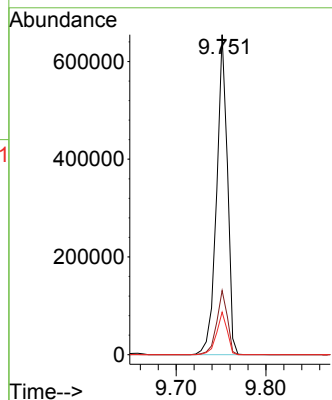
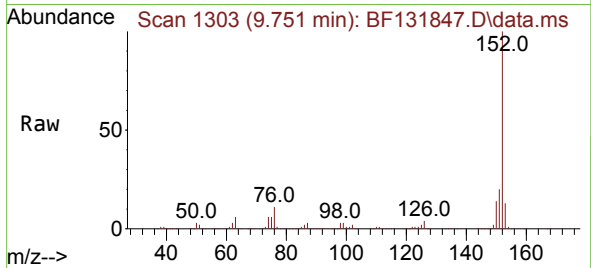




#49
Acenaphthylene
Concen: 42.386 ng
RT: 9.751 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

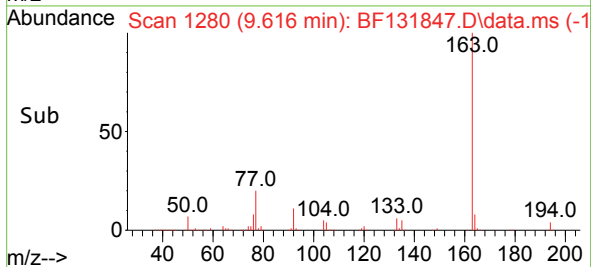
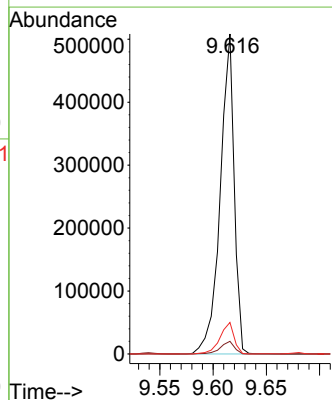
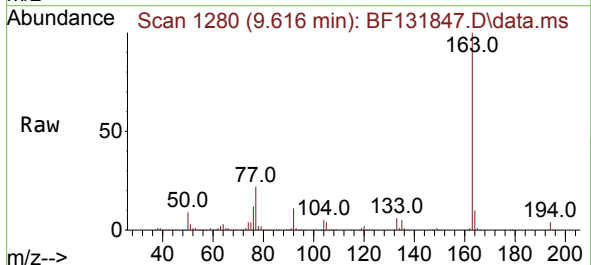
Instrument :
BNA_F
ClientSampleId :
HD-01-122322MS

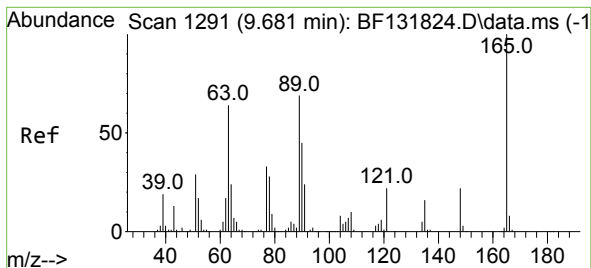
Tgt Ion:152 Resp: 547165
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.6
153 13.3 10.2 15.4



#50
Dimethylphthalate
Concen: 44.794 ng
RT: 9.616 min Scan# 1280
Delta R.T. 0.000 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

Tgt Ion:163 Resp: 463841
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 9.9 8.2 12.4

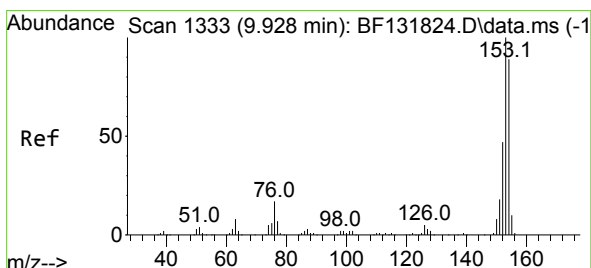
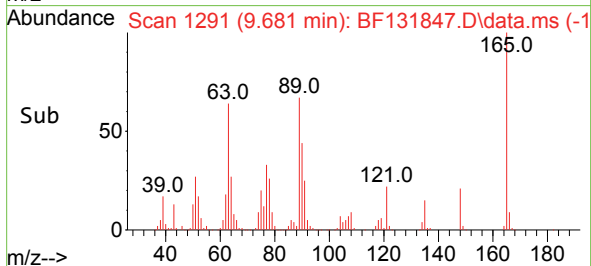
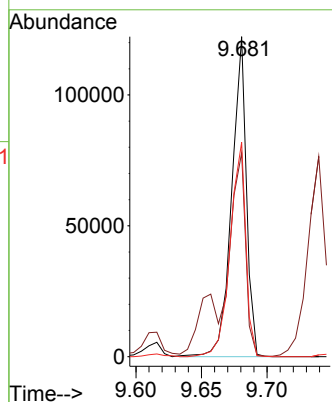
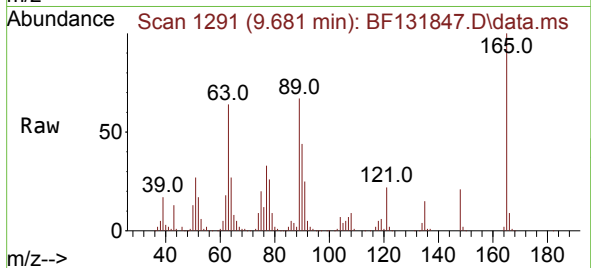




#51
2,6-Dinitrotoluene
Concen: 42.511 ng
RT: 9.681 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

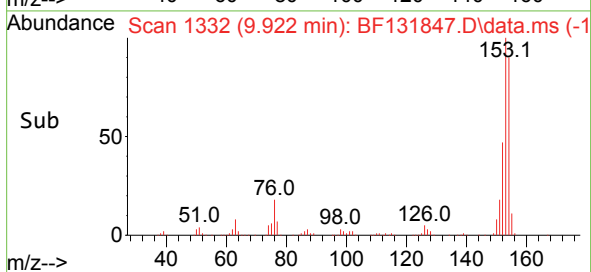
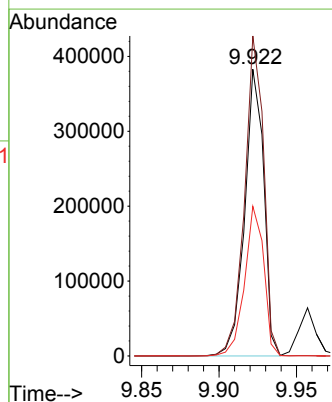
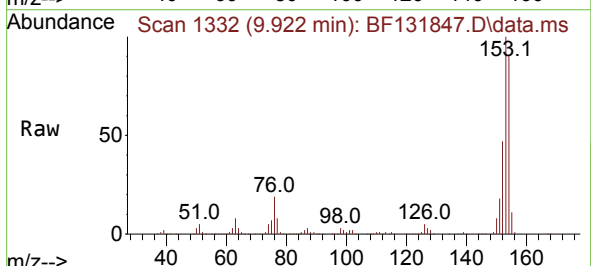
Instrument :
BNA_F
ClientSampleId :
HD-01-122322MS

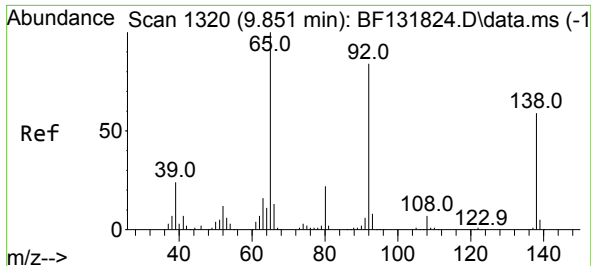
Tgt Ion:165 Resp: 95293
Ion Ratio Lower Upper
165 100
63 63.7 55.1 82.7
89 67.0 55.0 82.4



#52
Acenaphthene
Concen: 41.933 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

Tgt Ion:154 Resp: 326701
Ion Ratio Lower Upper
154 100
153 111.6 90.2 135.2
152 52.2 42.5 63.7

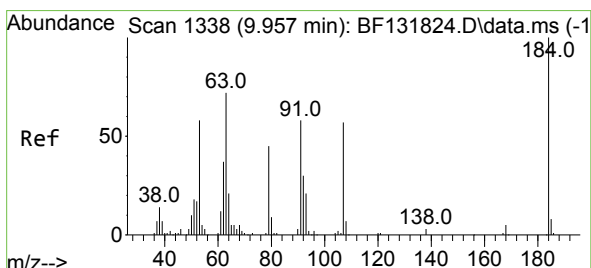
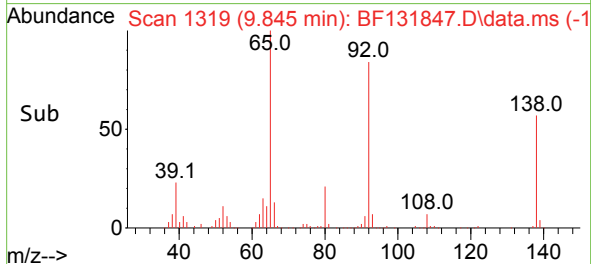
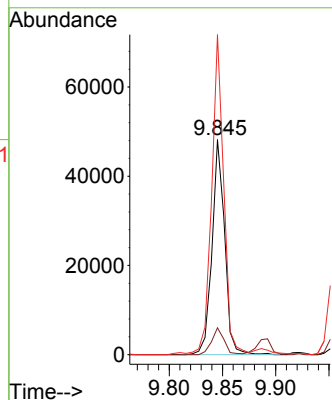
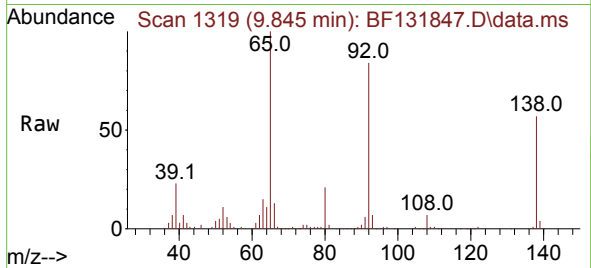




#53
3-Nitroaniline
Concen: 17.396 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

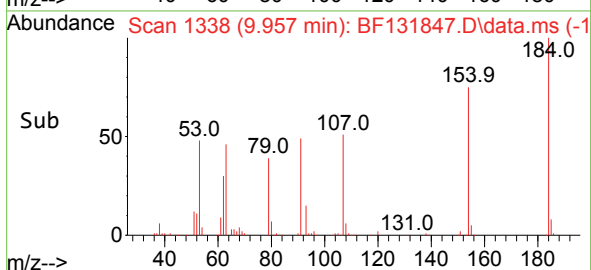
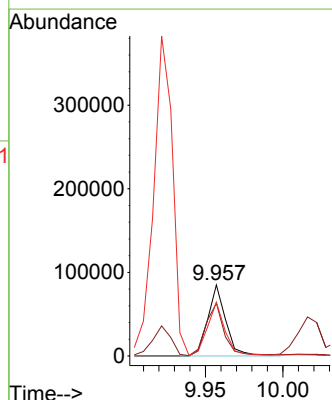
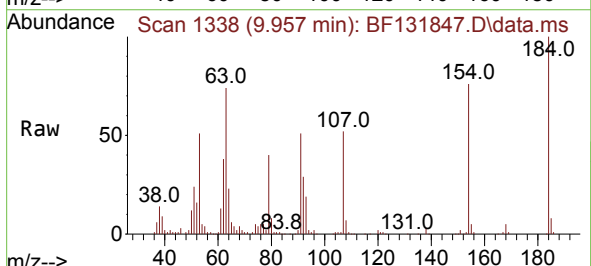
Instrument :
BNA_F
ClientSampleId :
HD-01-122322MS

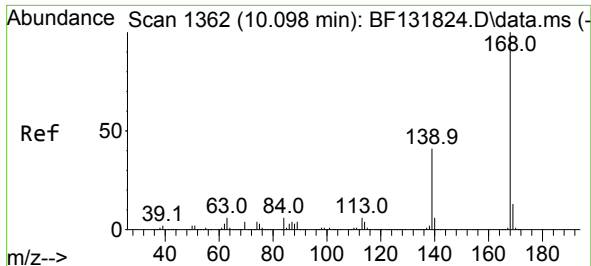
Tgt Ion:138 Resp: 39732
Ion Ratio Lower Upper
138 100
108 12.5 9.3 13.9
92 148.8 113.9 170.9



#54
2,4-Dinitrophenol
Concen: 53.751 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

Tgt Ion:184 Resp: 69337
Ion Ratio Lower Upper
184 100
63 74.5 66.8 100.2
154 75.6 61.6 92.4

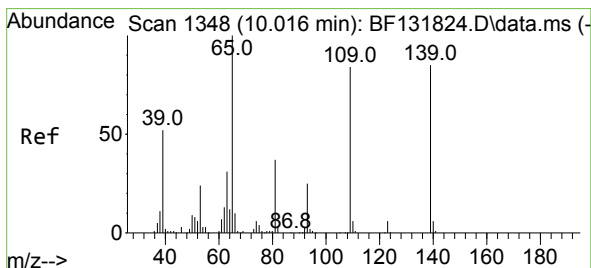
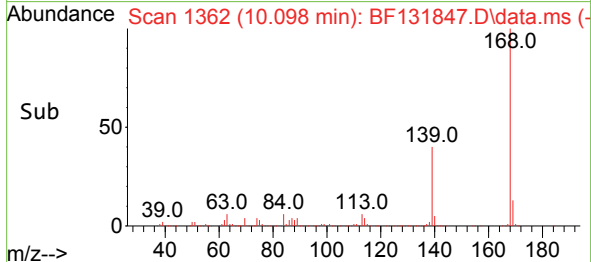
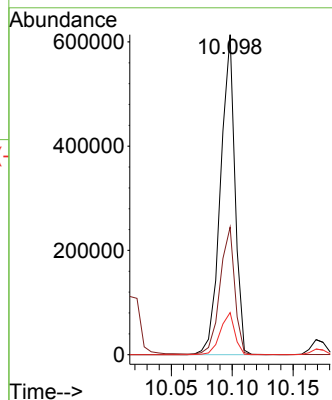
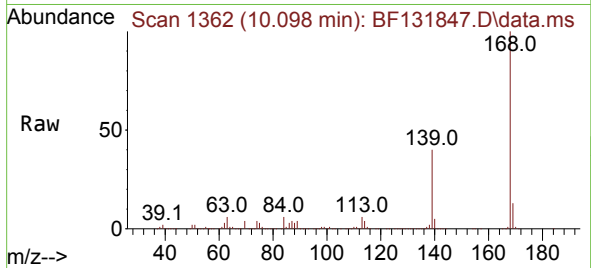




#55
Dibenzenofuran
Concen: 42.163 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

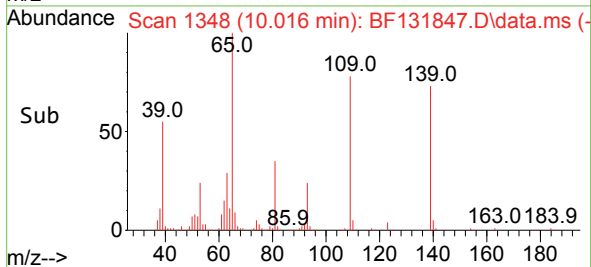
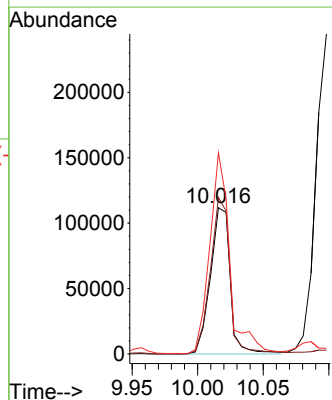
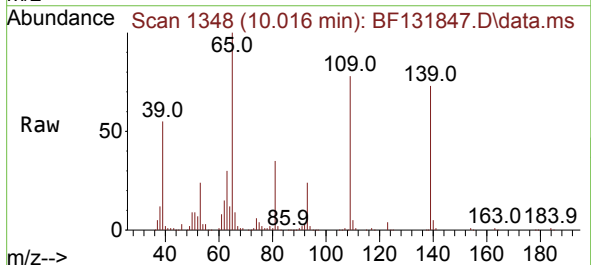
Instrument :
BNA_F
ClientSampleId :
HD-01-122322MS

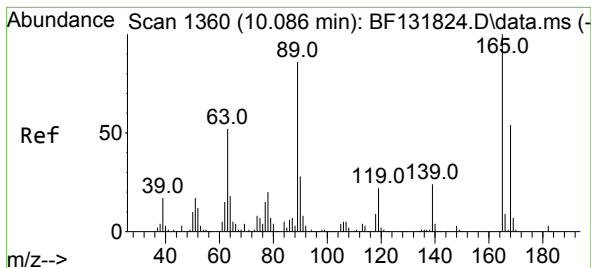
Tgt Ion:168 Resp: 506100
Ion Ratio Lower Upper
168 100
139 39.8 32.6 49.0
169 13.2 10.5 15.7



#56
4-Nitrophenol
Concen: 73.411 ng
RT: 10.016 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

Tgt Ion:139 Resp: 117458
Ion Ratio Lower Upper
139 100
109 107.0 78.5 118.5
65 137.5 97.5 137.5

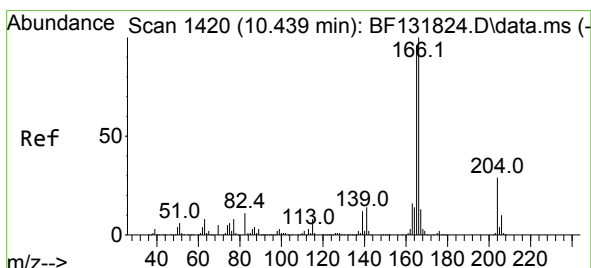
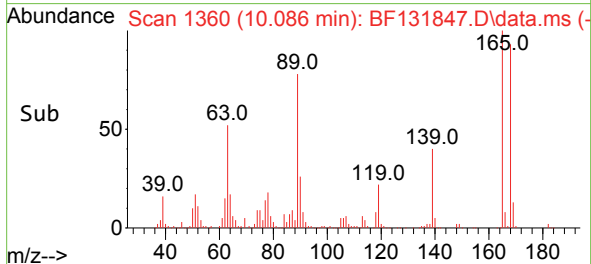
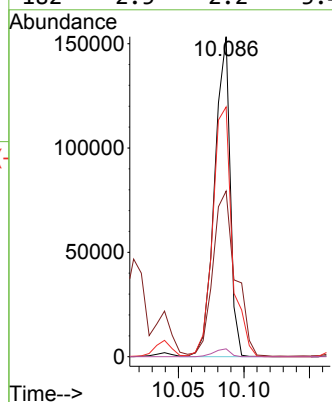
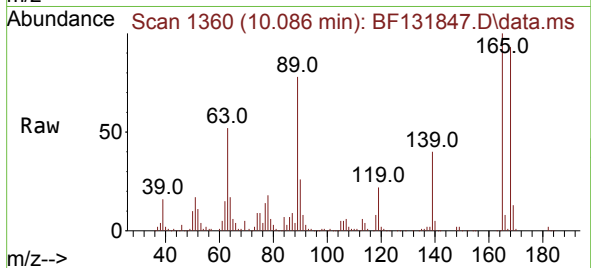




#57
2,4-Dinitrotoluene
Concen: 41.365 ng
RT: 10.086 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

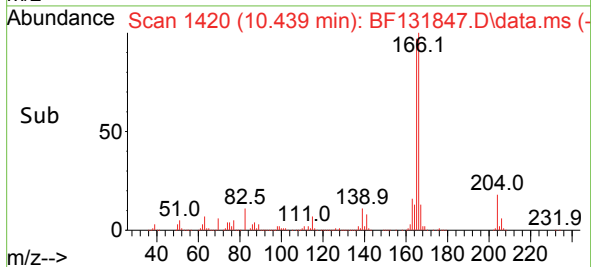
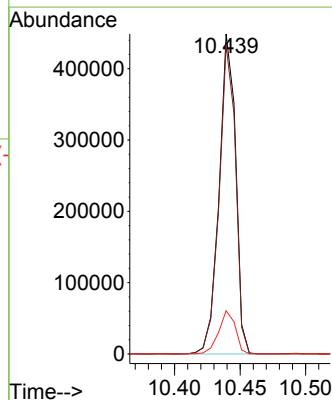
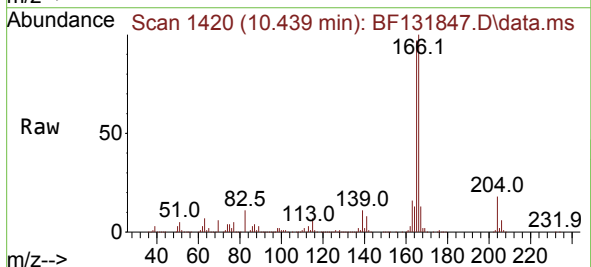
Instrument :
BNA_F
ClientSampleId :
HD-01-122322MS

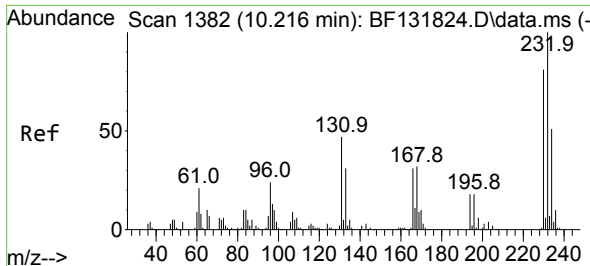
Tgt Ion:165 Resp: 126807
Ion Ratio Lower Upper
165 100
63 51.8 42.1 63.1
89 78.0 69.1 103.7
182 2.5 2.2 3.4



#58
Fluorene
Concen: 40.049 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

Tgt Ion:166 Resp: 392454
Ion Ratio Lower Upper
166 100
165 96.5 77.0 115.4
167 13.5 10.4 15.6

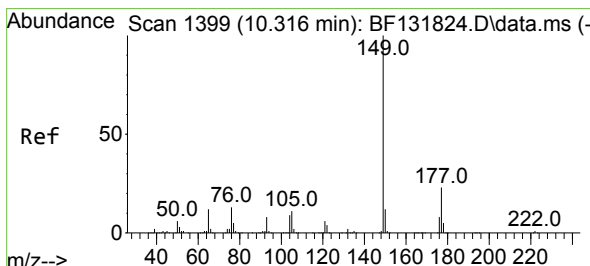
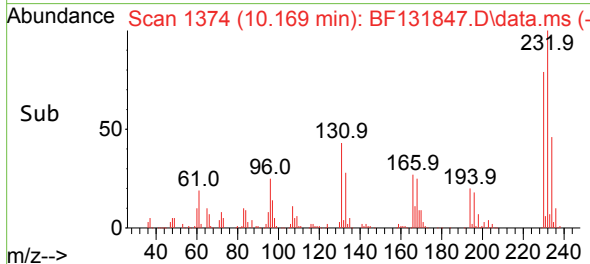
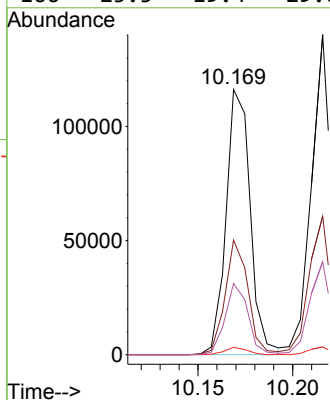
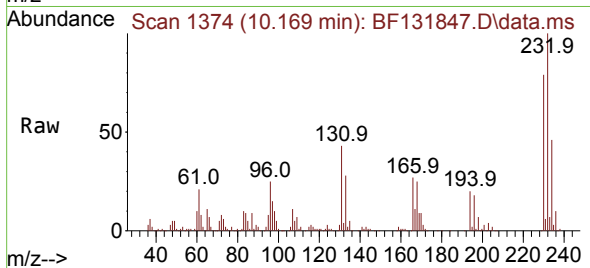




#59
2,3,4,6-Tetrachlorophenol
Concen: 37.712 ng
RT: 10.169 min Scan# 1374
Delta R.T. -0.047 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

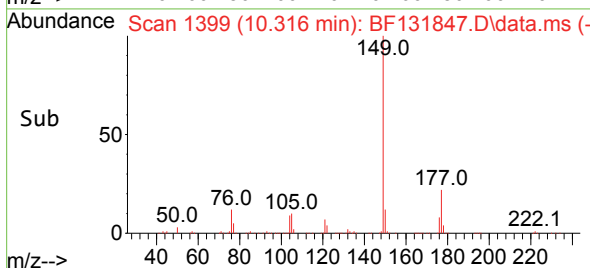
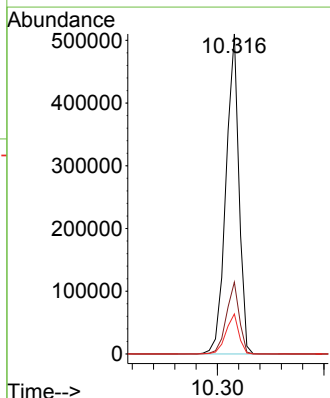
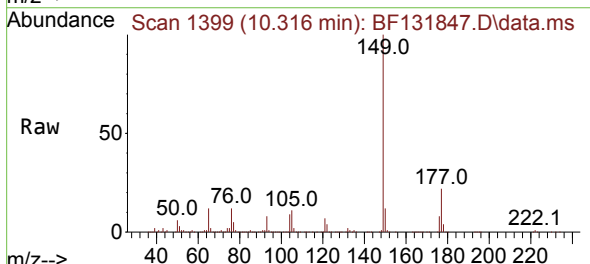
Instrument :
BNA_F
ClientSampleId :
HD-01-122322MS

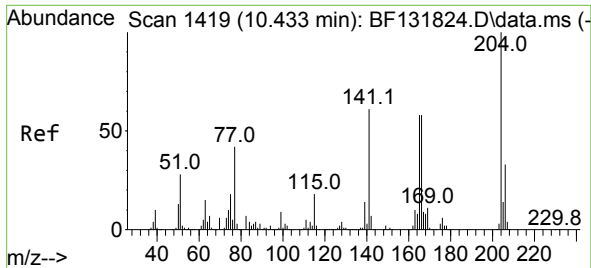
Tgt Ion:232 Resp: 102971
Ion Ratio Lower Upper
232 100
131 41.2 30.1 45.1
130 2.6 1.8 2.6
166 25.5 19.4 29.0



#60
Diethylphthalate
Concen: 43.277 ng
RT: 10.316 min Scan# 1399
Delta R.T. 0.000 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

Tgt Ion:149 Resp: 431310
Ion Ratio Lower Upper
149 100
177 22.5 18.1 27.1
150 12.5 9.8 14.8

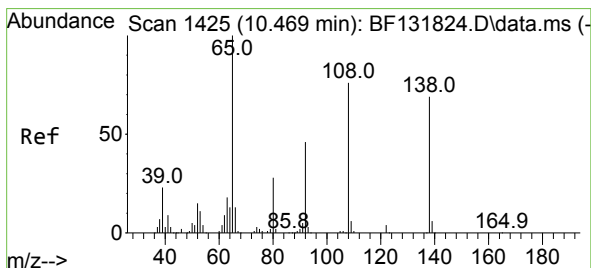
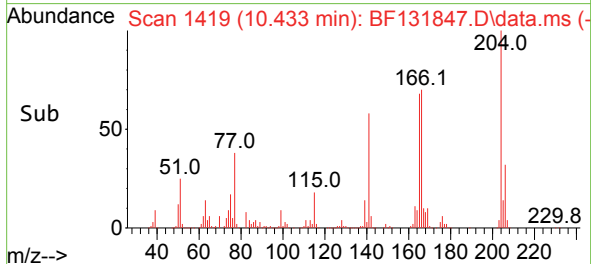
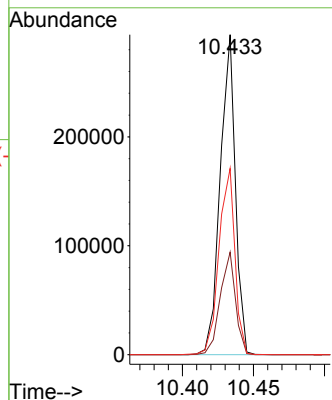
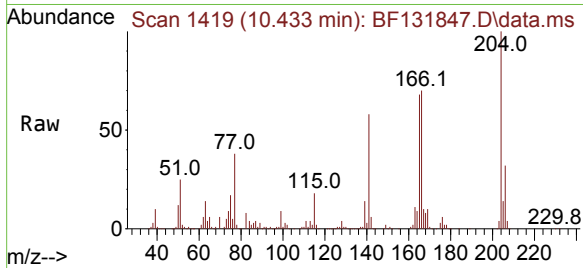




#61
4-Chlorophenyl-phenylether
Concen: 42.769 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

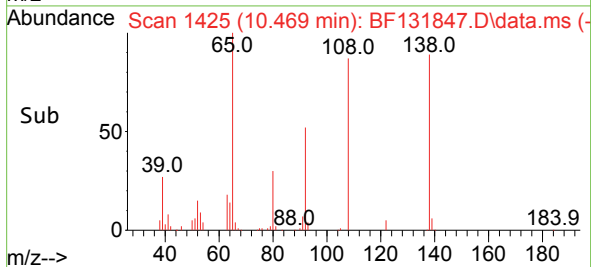
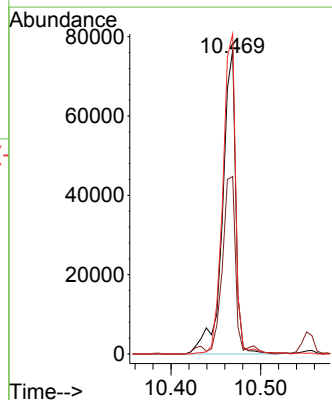
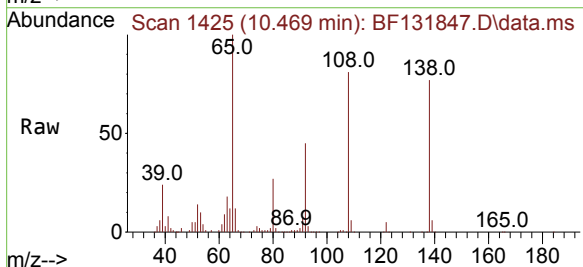
Instrument :
BNA_F
ClientSampleId :
HD-01-122322MS

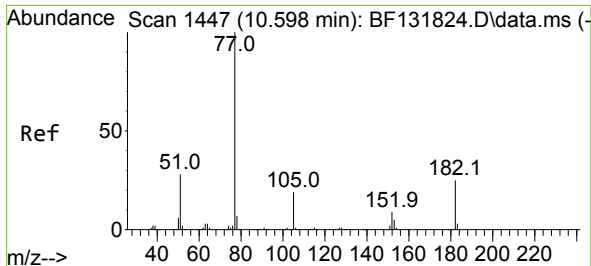
Tgt Ion:204 Resp: 217876
Ion Ratio Lower Upper
204 100
206 32.0 26.5 39.7
141 58.2 49.0 73.4



#62
4-Nitroaniline
Concen: 33.166 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

Tgt Ion:138 Resp: 78948
Ion Ratio Lower Upper
138 100
92 58.4 47.2 87.2
108 105.3 89.2 129.2

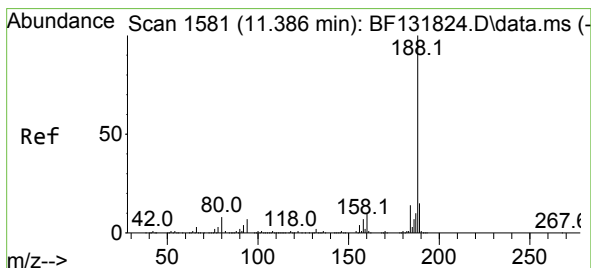
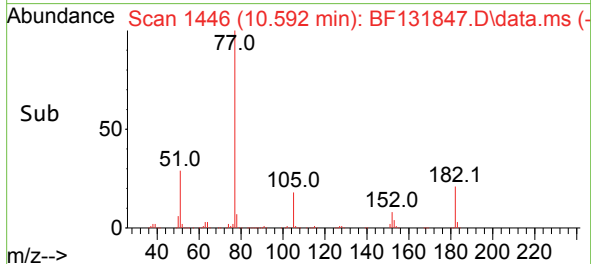
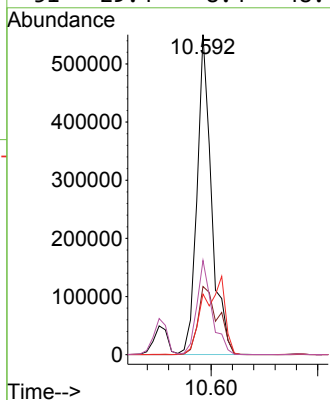
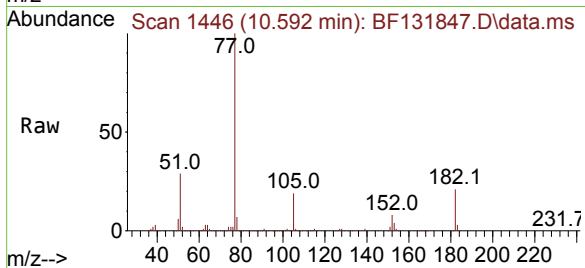




#63
Azobenzene
Concen: 47.126 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

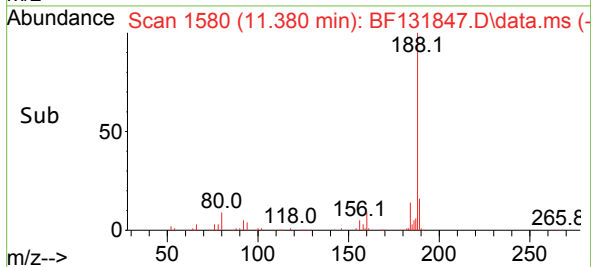
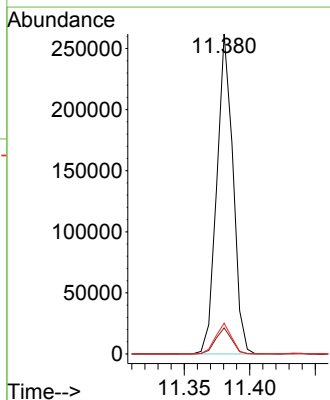
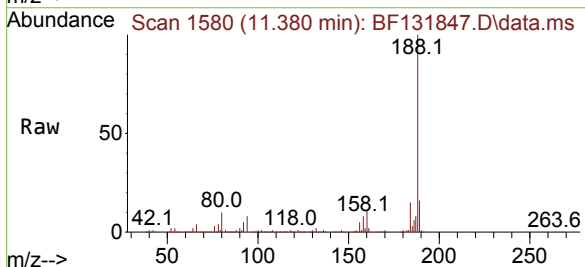
Instrument :
BNA_F
ClientSampleId :
HD-01-122322MS

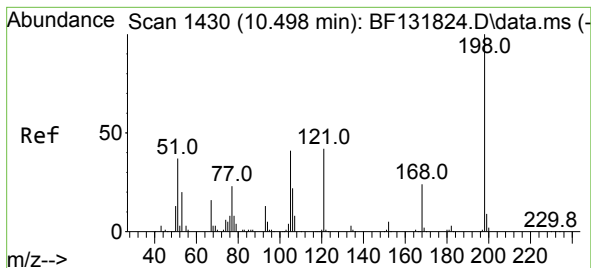
Tgt Ion: 77	Resp: 521241
Ion Ratio	Lower Upper
77 100	
182 21.3	5.0 45.0
105 18.9	0.0 39.4
51 29.4	8.4 48.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

Tgt Ion:188	Resp: 224270
Ion Ratio	Lower Upper
188 100	
94 8.1	5.8 8.6
80 9.6	6.7 10.1

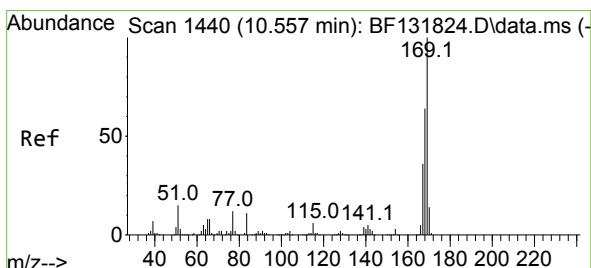
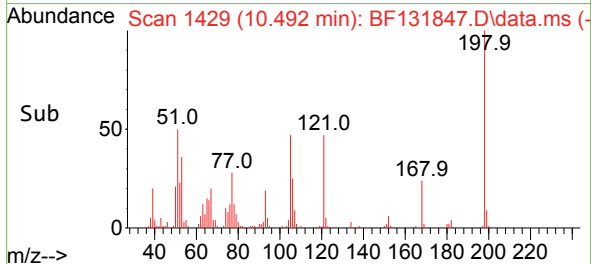
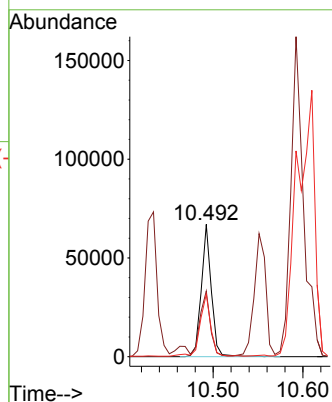
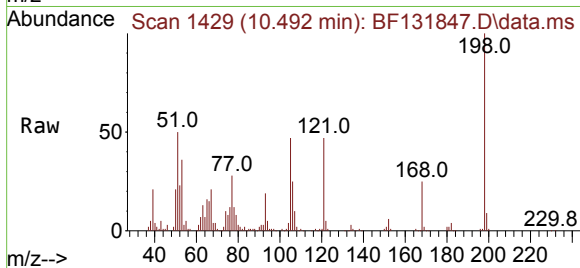




#65
4,6-Dinitro-2-methylphenol
Concen: 34.010 ng
RT: 10.492 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

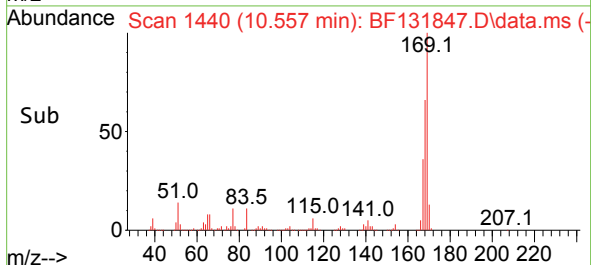
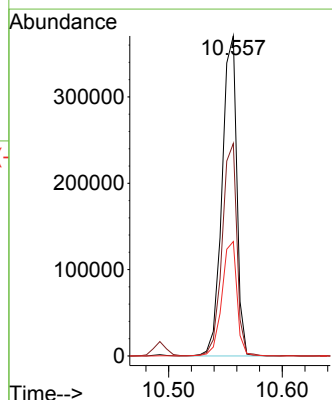
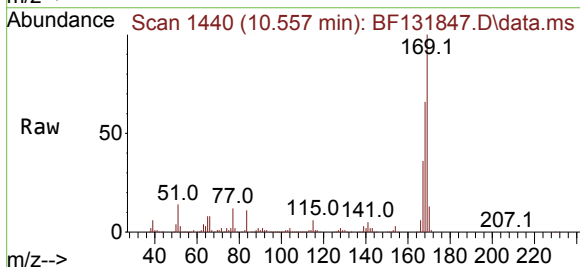
Instrument :
BNA_F
ClientSampleId :
HD-01-122322MS

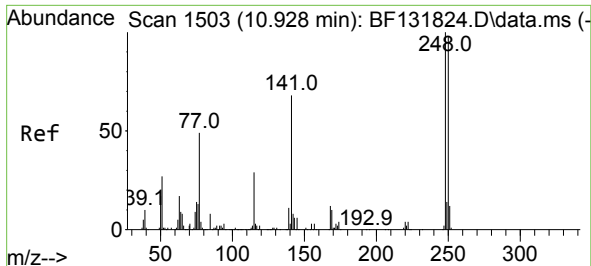
Tgt Ion:198 Resp: 51932
Ion Ratio Lower Upper
198 100
51 49.5 21.6 61.6
105 47.2 22.0 62.0



#66
n-Nitrosodiphenylamine
Concen: 49.026 ng
RT: 10.557 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

Tgt Ion:169 Resp: 335395
Ion Ratio Lower Upper
169 100
168 66.4 51.5 77.3
167 35.7 28.4 42.6

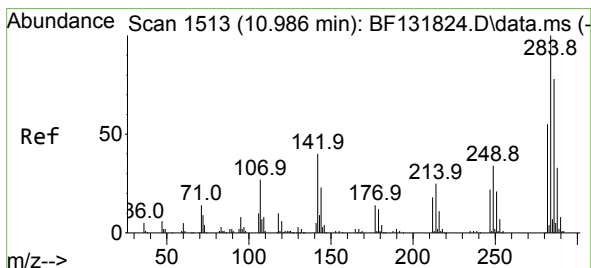
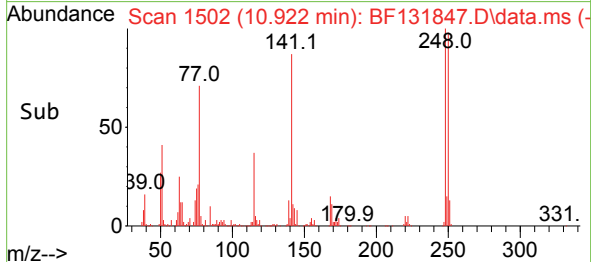
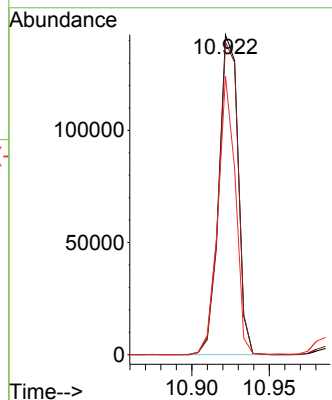
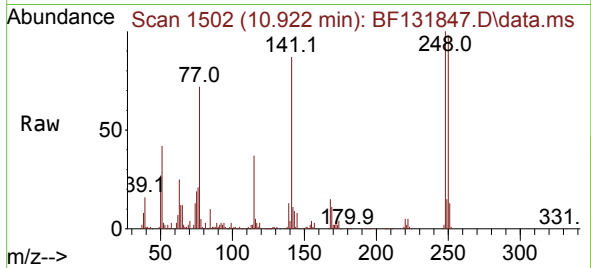




#67
4-Bromophenyl-phenylether
Concen: 47.530 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

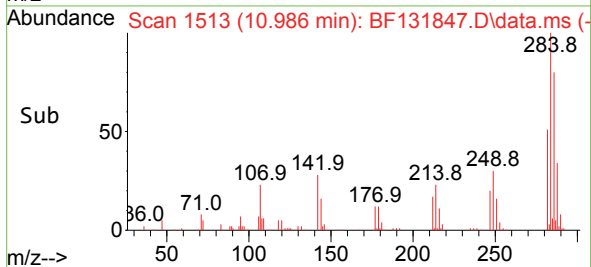
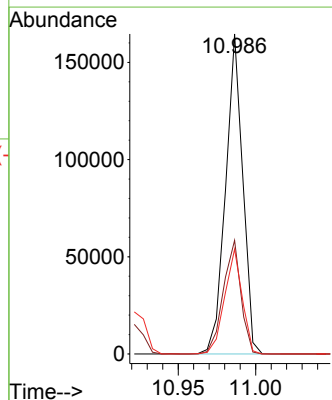
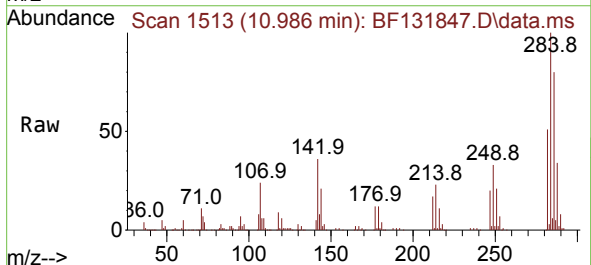
Instrument :
BNA_F
ClientSampleId :
HD-01-122322MS

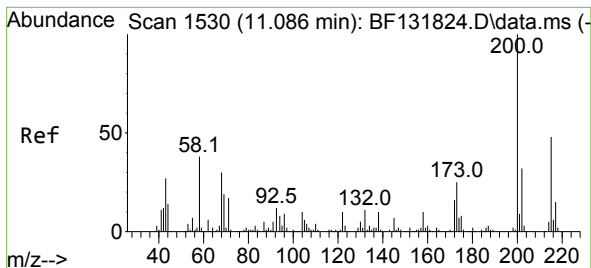
Tgt Ion:248 Resp: 123544
Ion Ratio Lower Upper
248 100
250 97.7 78.0 117.0
141 86.9 54.8 82.2#



#68
Hexachlorobenzene
Concen: 44.322 ng
RT: 10.986 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

Tgt Ion:284 Resp: 126555
Ion Ratio Lower Upper
284 100
142 35.5 31.6 47.4
249 32.7 26.9 40.3





#69

Atrazine

Concen: 53.148 ng

RT: 11.086 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF131847.D

Acq: 27 Dec 2022 20:34

Instrument :

BNA_F

ClientSampleId :

HD-01-122322MS

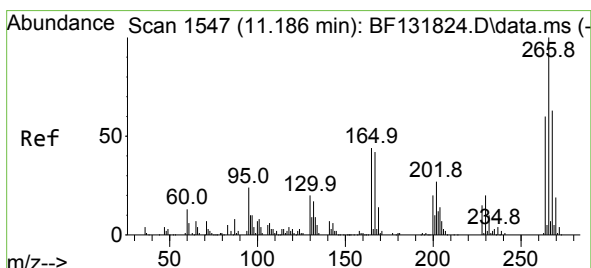
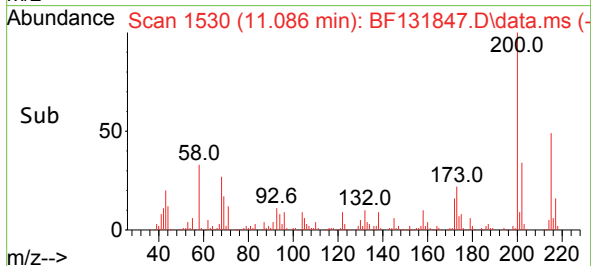
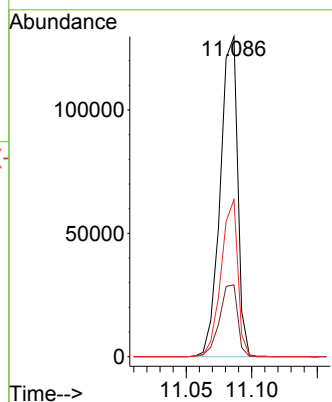
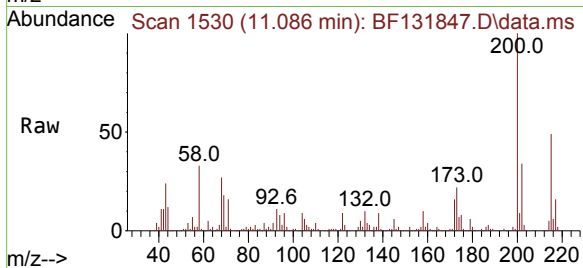
Tgt Ion:200 Resp: 119701

Ion Ratio Lower Upper

200 100

173 22.5 4.5 44.5

215 49.1 28.5 68.5



#70

Pentachlorophenol

Concen: 85.151 ng

RT: 11.186 min Scan# 1547

Delta R.T. 0.000 min

Lab File: BF131847.D

Acq: 27 Dec 2022 20:34

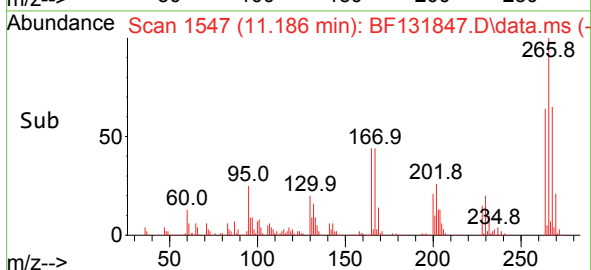
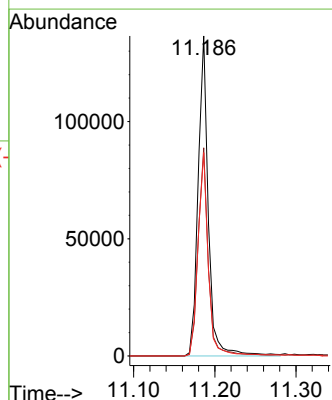
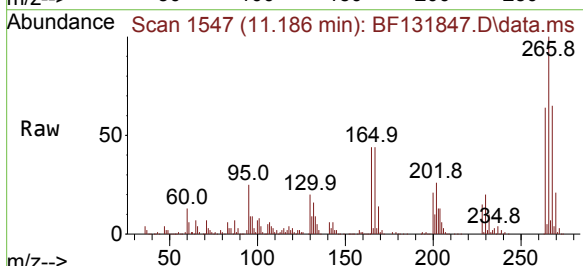
Tgt Ion:266 Resp: 120311

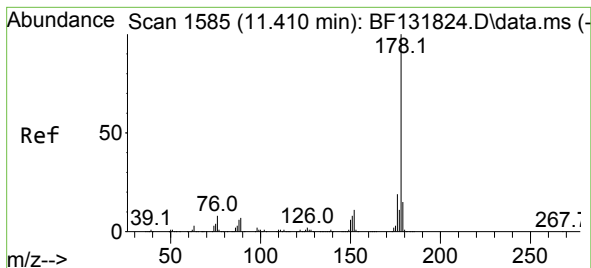
Ion Ratio Lower Upper

266 100

268 65.0 50.5 75.7

264 63.6 48.3 72.5





#71

Phenanthrene

Concen: 41.124 ng

RT: 11.410 min Scan# 1585

Delta R.T. 0.000 min

Lab File: BF131847.D

Acq: 27 Dec 2022 20:34

Instrument :

BNA_F

ClientSampleId :

HD-01-122322MS

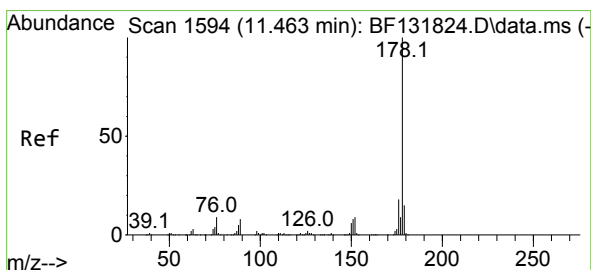
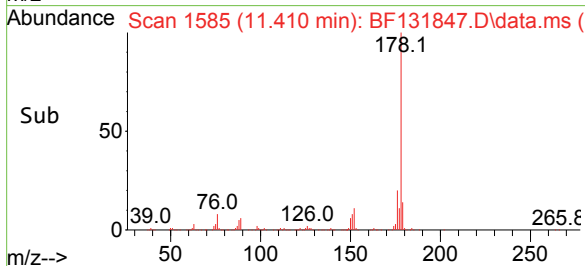
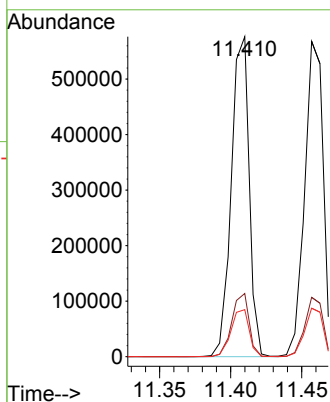
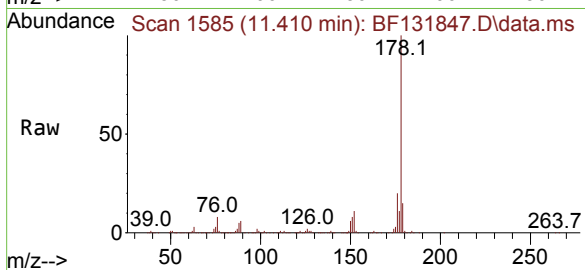
Tgt Ion:178 Resp: 507183

Ion Ratio Lower Upper

178 100

176 19.7 15.5 23.3

179 14.7 12.2 18.4



#72

Anthracene

Concen: 42.778 ng

RT: 11.457 min Scan# 1593

Delta R.T. -0.006 min

Lab File: BF131847.D

Acq: 27 Dec 2022 20:34

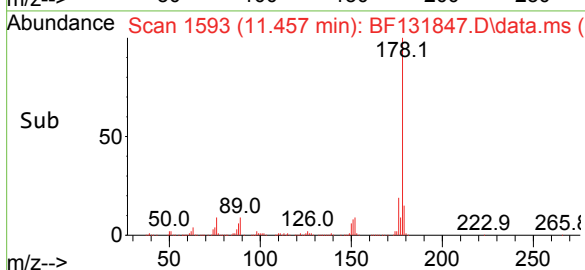
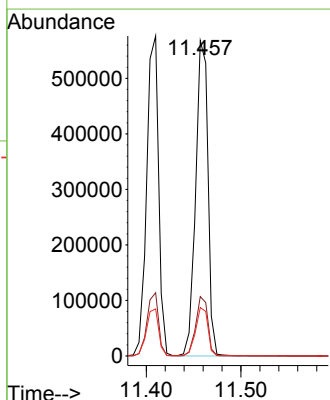
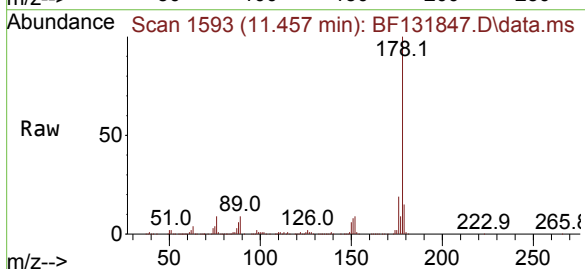
Tgt Ion:178 Resp: 516100

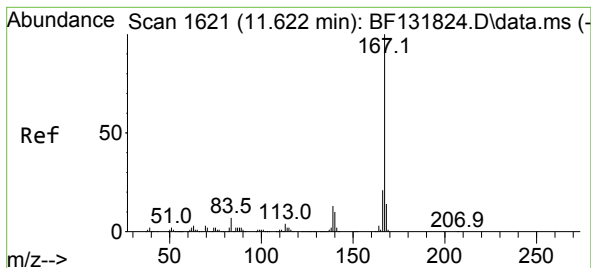
Ion Ratio Lower Upper

178 100

176 18.8 14.8 22.2

179 15.4 12.2 18.2





#73

Carbazole

Concen: 39.215 ng

RT: 11.616 min Scan# 1620

Delta R.T. -0.006 min

Lab File: BF131847.D

Acq: 27 Dec 2022 20:34

Instrument :

BNA_F

ClientSampleId :

HD-01-122322MS

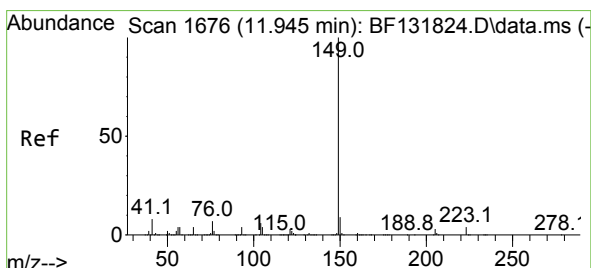
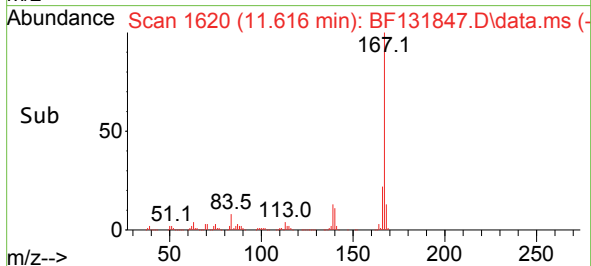
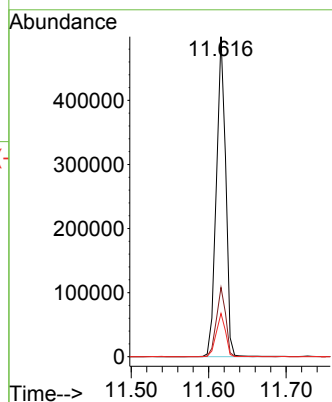
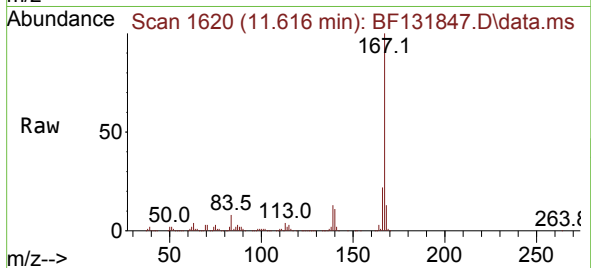
Tgt Ion:167 Resp: 417666

Ion Ratio Lower Upper

167 100

166 21.7 16.6 24.8

139 13.5 10.6 15.8



#74

Di-n-butylphthalate

Concen: 44.091 ng

RT: 11.945 min Scan# 1676

Delta R.T. 0.000 min

Lab File: BF131847.D

Acq: 27 Dec 2022 20:34

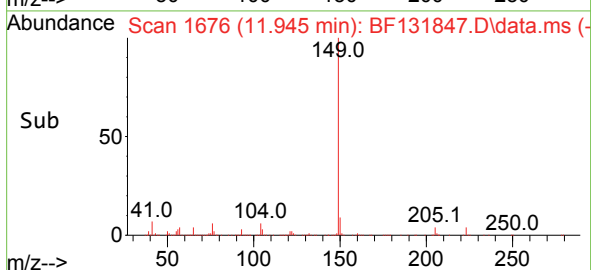
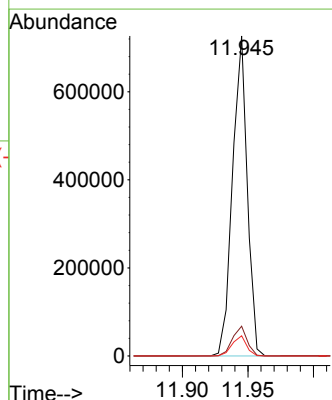
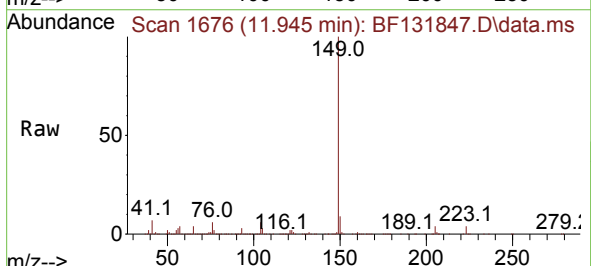
Tgt Ion:149 Resp: 567616

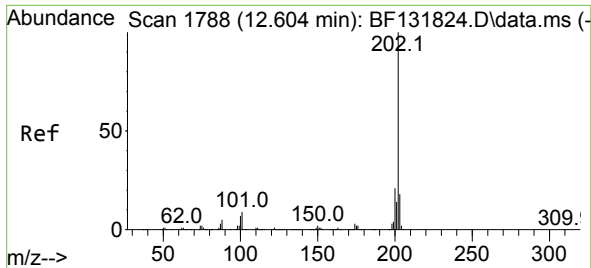
Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

104 6.3 5.1 7.7

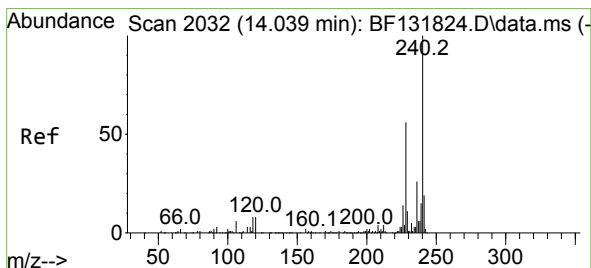
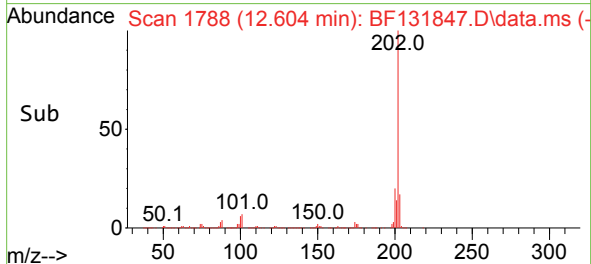
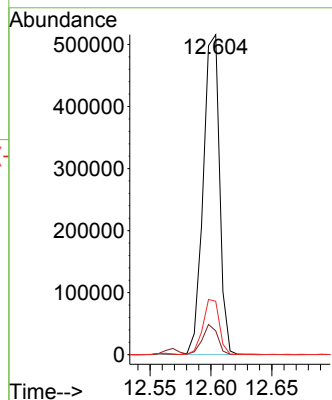
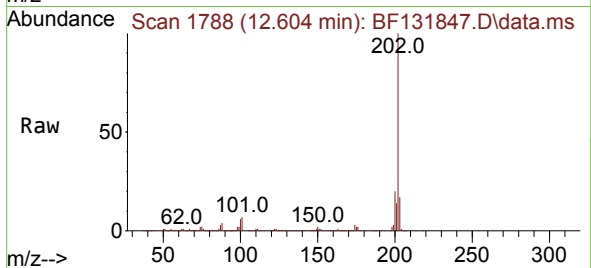




#75
Fluoranthene
Concen: 33.500 ng
RT: 12.604 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

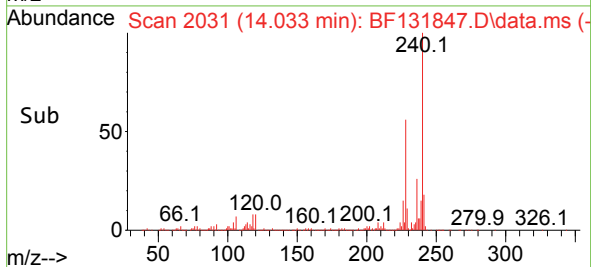
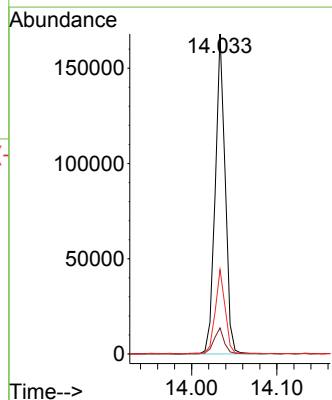
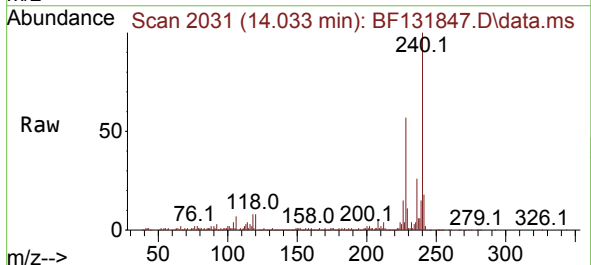
Instrument :
BNA_F
ClientSampleId :
HD-01-122322MS

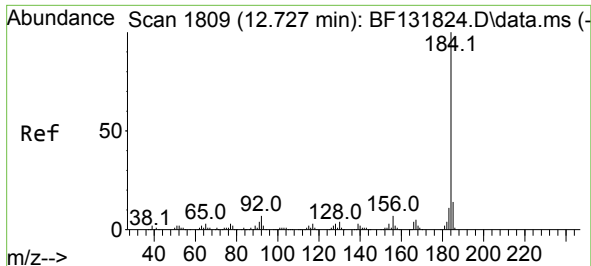
Tgt Ion:202 Resp: 481235
Ion Ratio Lower Upper
202 100
101 7.4 0.0 28.6
203 16.7 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

Tgt Ion:240 Resp: 136563
Ion Ratio Lower Upper
240 100
120 8.1 6.7 10.1
236 26.3 20.6 31.0

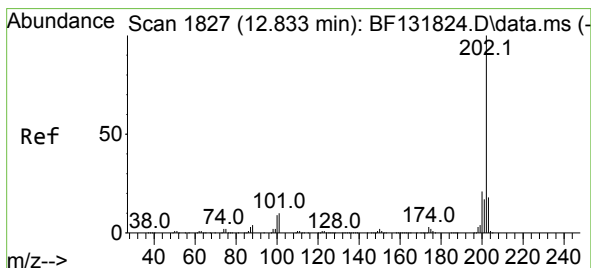
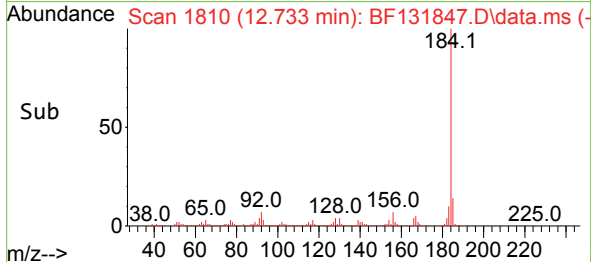
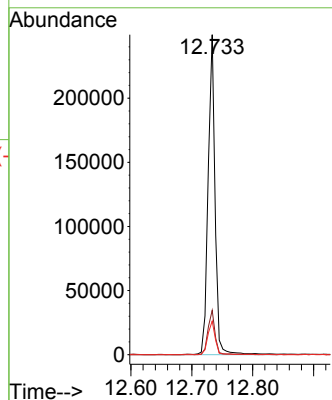
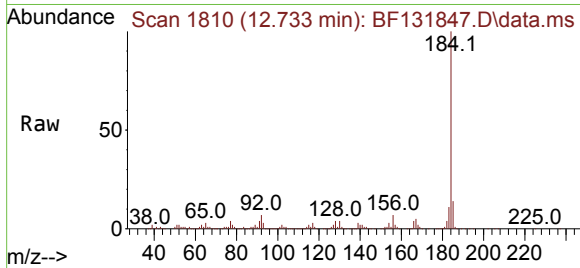




#77
Benzidine
Concen: 87.848 ng
RT: 12.733 min Scan# 1810
Delta R.T. 0.006 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

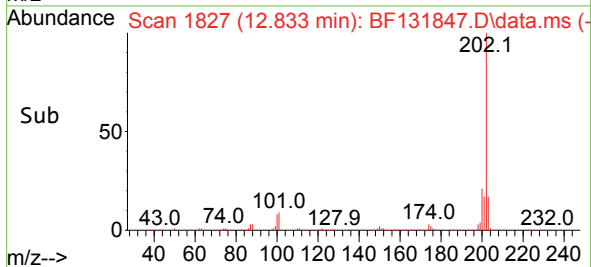
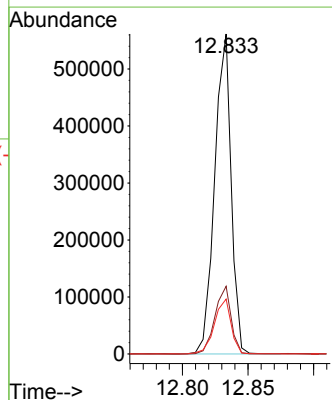
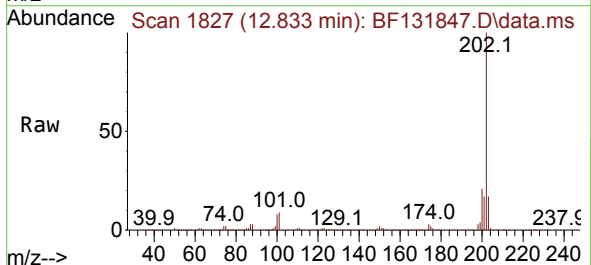
Instrument :
BNA_F
ClientSampleId :
HD-01-122322MS

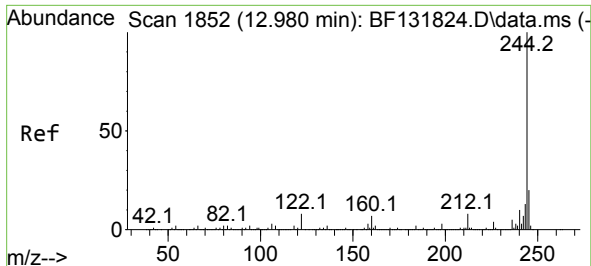
Tgt Ion:184 Resp: 197152
Ion Ratio Lower Upper
184 100
185 13.9 11.6 17.4
183 10.5 9.0 13.4



#78
Pyrene
Concen: 42.681 ng
RT: 12.833 min Scan# 1827
Delta R.T. 0.000 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

Tgt Ion:202 Resp: 488536
Ion Ratio Lower Upper
202 100
200 21.1 16.7 25.1
203 17.1 14.4 21.6

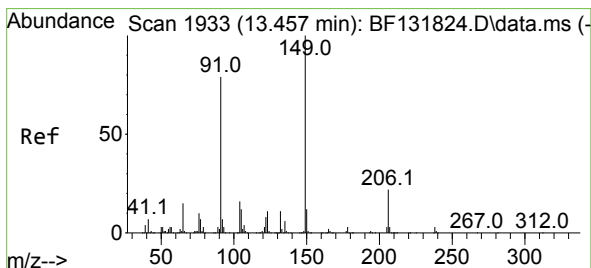
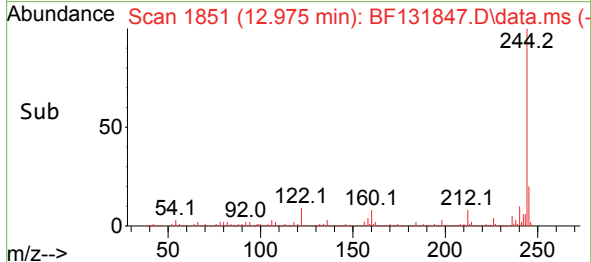
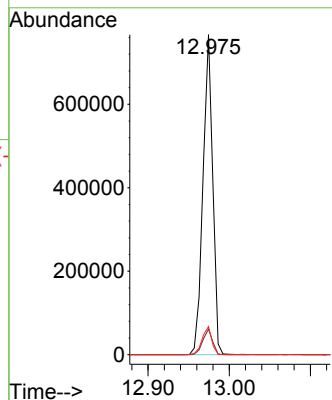
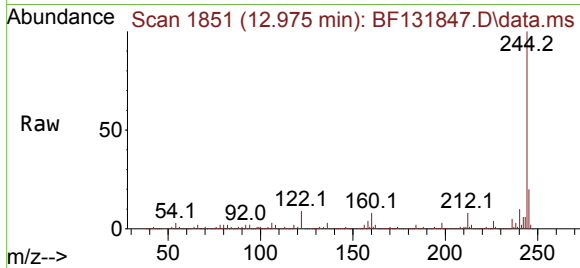




#79
 Terphenyl-d14
 Concen: 79.107 ng
 RT: 12.975 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF131847.D
 Acq: 27 Dec 2022 20:34

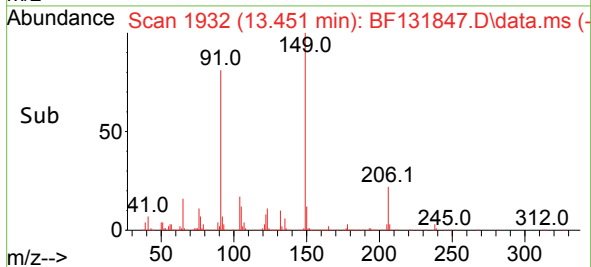
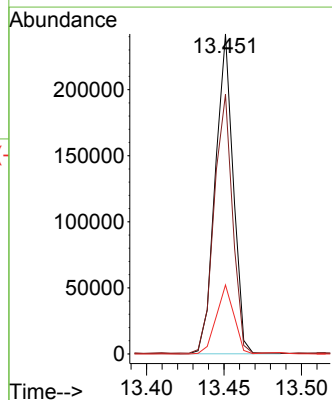
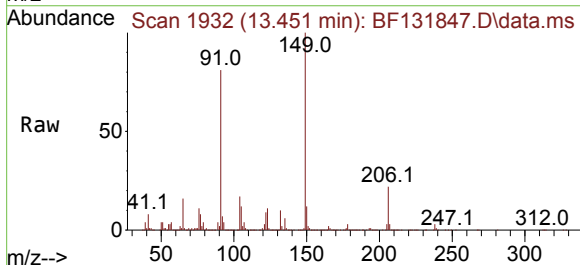
Instrument :
 BNA_F
 ClientSampleId :
 HD-01-122322MS

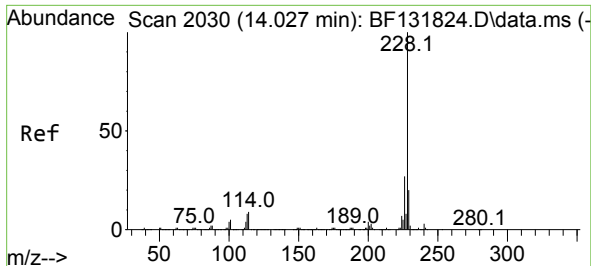
Tgt Ion:244 Resp: 638659
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.3 9.5
 122 8.8 6.4 9.6



#80
 Butylbenzylphthalate
 Concen: 45.821 ng
 RT: 13.451 min Scan# 1932
 Delta R.T. -0.006 min
 Lab File: BF131847.D
 Acq: 27 Dec 2022 20:34

Tgt Ion:149 Resp: 194533
 Ion Ratio Lower Upper
 149 100
 91 81.1 63.2 94.8
 206 21.6 17.9 26.9

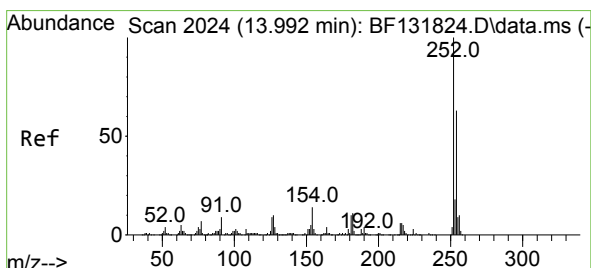
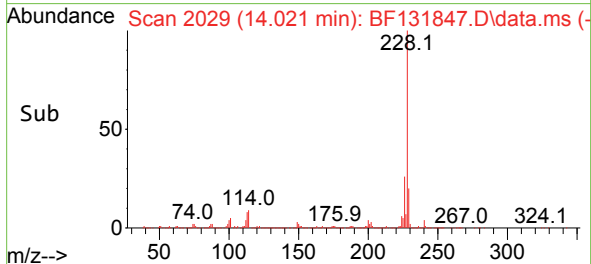
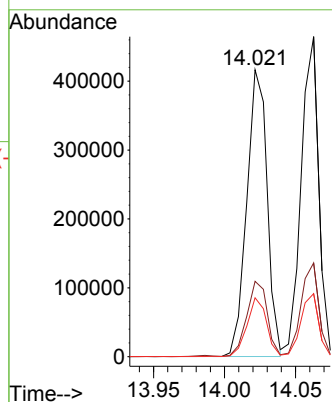
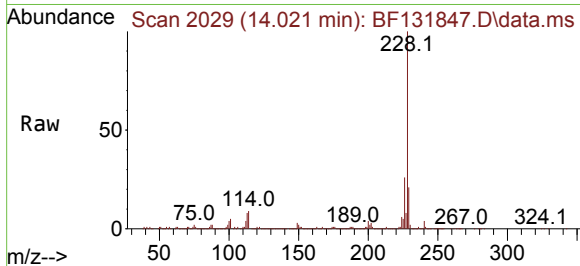




#81
Benzo(a)anthracene
Concen: 42.059 ng
RT: 14.021 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

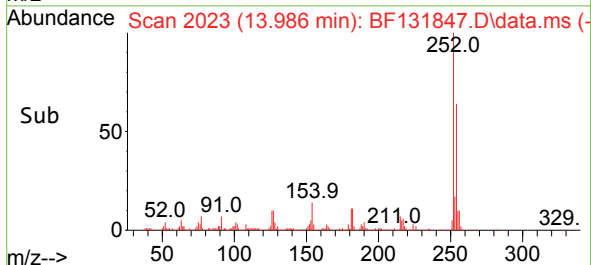
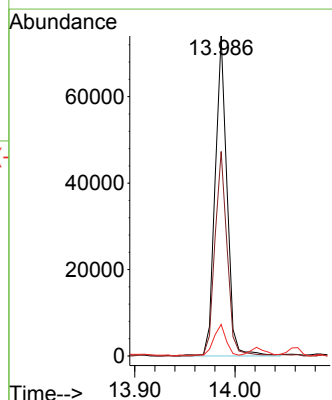
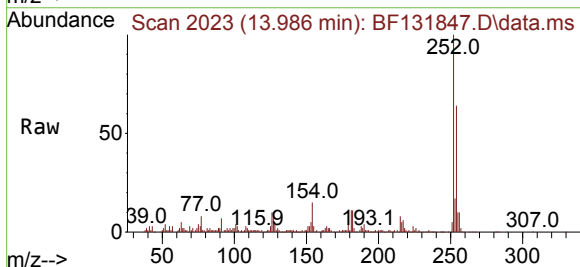
Instrument :
BNA_F
ClientSampleId :
HD-01-122322MS

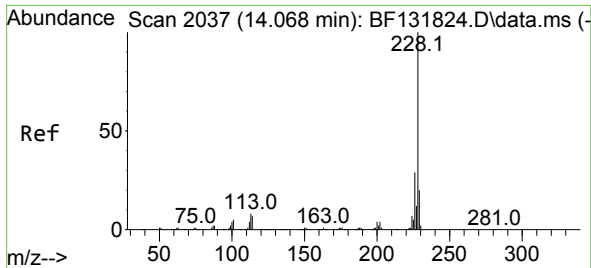
Tgt Ion:228 Resp: 415859
Ion Ratio Lower Upper
228 100
226 26.3 22.0 33.0
229 20.5 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 21.455 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

Tgt Ion:252 Resp: 61315
Ion Ratio Lower Upper
252 100
254 63.9 50.4 75.6
126 9.8 7.5 11.3

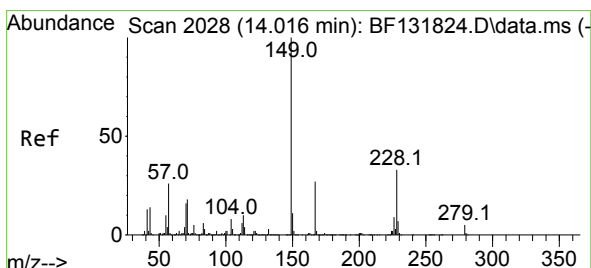
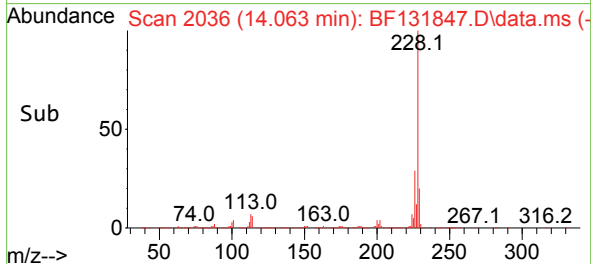
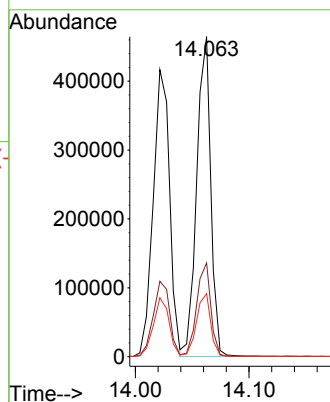
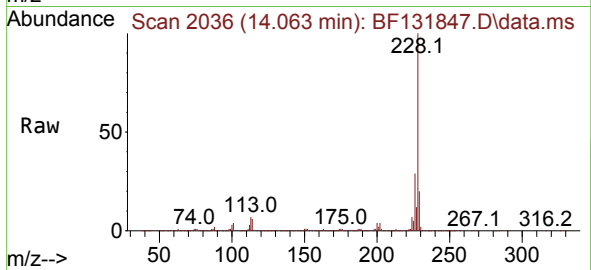




#83
Chrysene
Concen: 43.037 ng
RT: 14.063 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

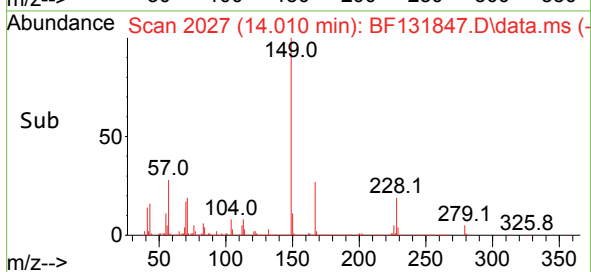
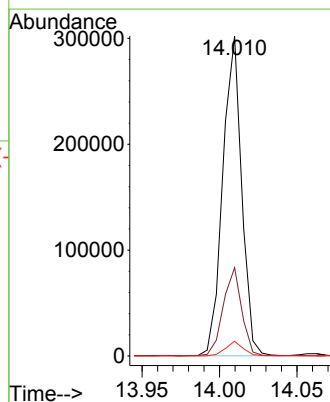
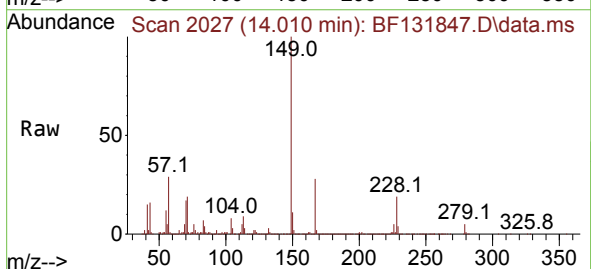
Instrument :
BNA_F
ClientSampleId :
HD-01-122322MS

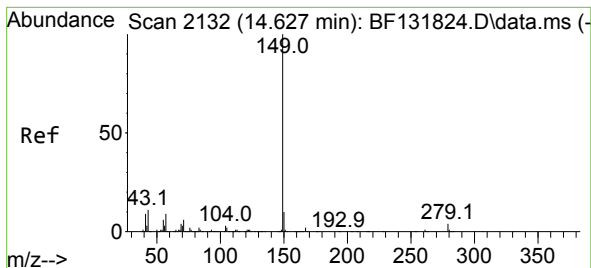
Tgt Ion:228 Resp: 399864
Ion Ratio Lower Upper
228 100
226 29.3 23.5 35.3
229 19.7 16.2 24.2



#84
Bis(2-ethylhexyl)phthalate
Concen: 49.470 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

Tgt Ion:149 Resp: 255724
Ion Ratio Lower Upper
149 100
167 27.6 21.8 32.6
279 4.6 3.9 5.9





#85

Di-n-octyl phthalate

Concen: 62.543 ng

RT: 14.627 min Scan# 2132

Delta R.T. 0.000 min

Lab File: BF131847.D

Acq: 27 Dec 2022 20:34

Instrument :

BNA_F

ClientSampleId :

HD-01-122322MS

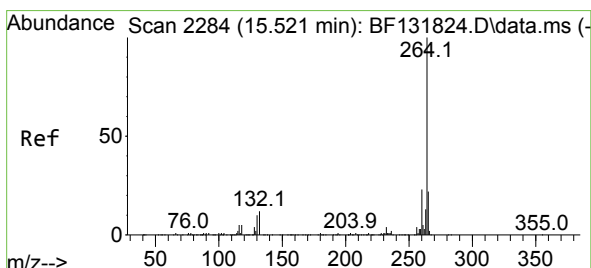
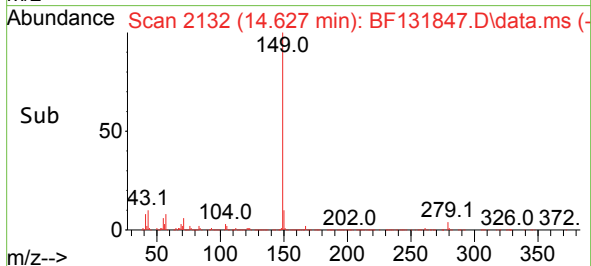
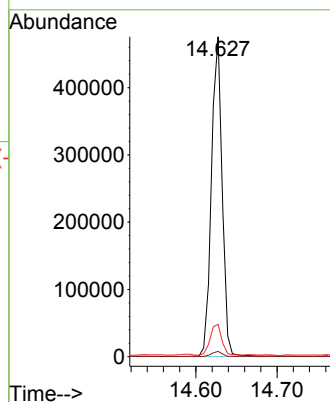
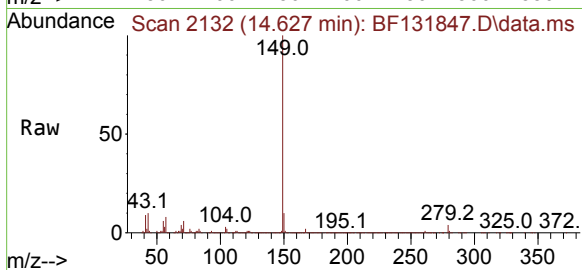
Tgt Ion:149 Resp: 435221

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.4 8.1 12.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.515 min Scan# 2283

Delta R.T. -0.006 min

Lab File: BF131847.D

Acq: 27 Dec 2022 20:34

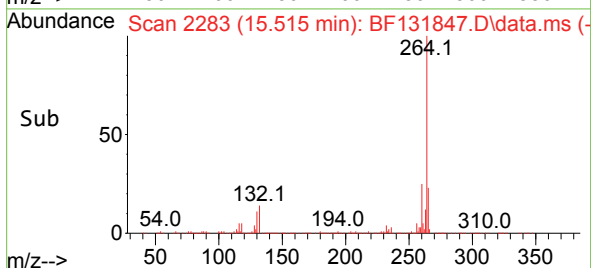
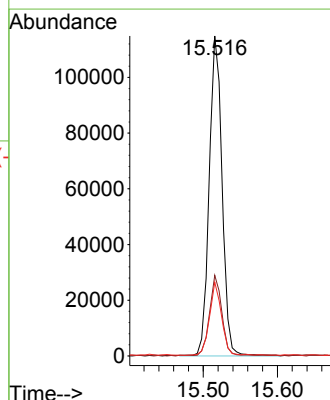
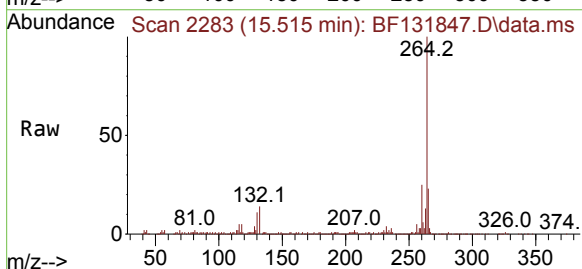
Tgt Ion:264 Resp: 139049

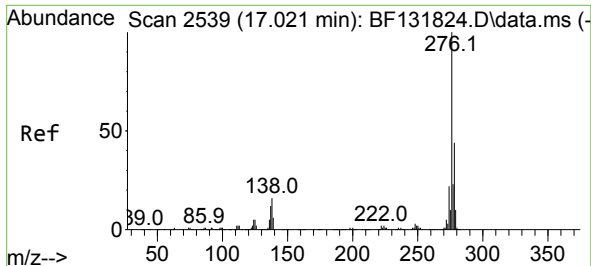
Ion Ratio Lower Upper

264 100

260 25.2 18.6 28.0

265 23.1 17.4 26.0

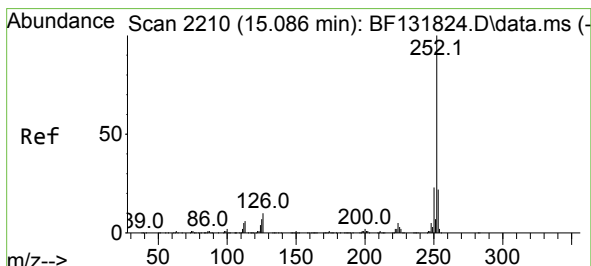
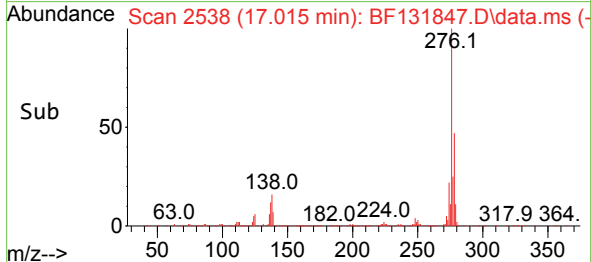
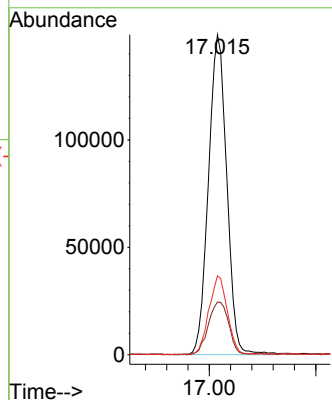
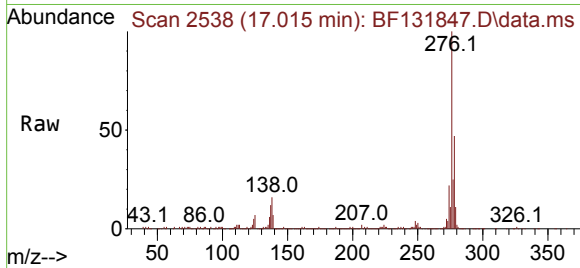




#87
Indeno(1,2,3-cd)pyrene
Concen: 40.255 ng
RT: 17.015 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

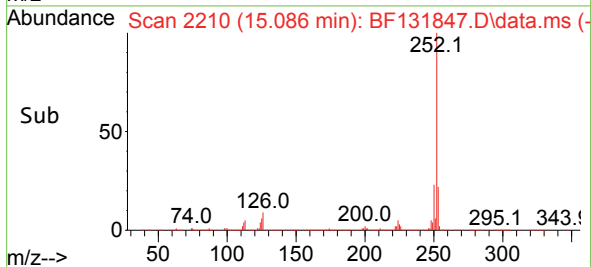
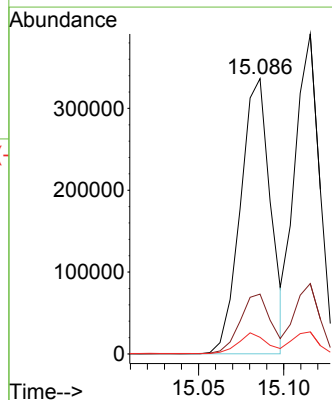
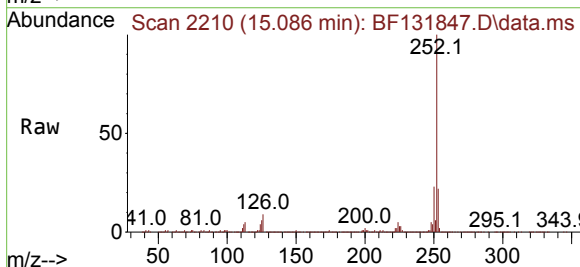
Instrument :
BNA_F
ClientSampleId :
HD-01-122322MS

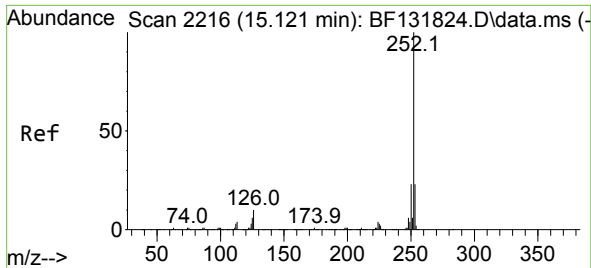
Tgt Ion:276 Resp: 355612
Ion Ratio Lower Upper
276 100
138 18.3 14.5 21.7
277 24.9 19.7 29.5



#88
Benzo(b)fluoranthene
Concen: 40.652 ng
RT: 15.086 min Scan# 2210
Delta R.T. 0.000 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

Tgt Ion:252 Resp: 414475
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 6.1 5.8 8.8

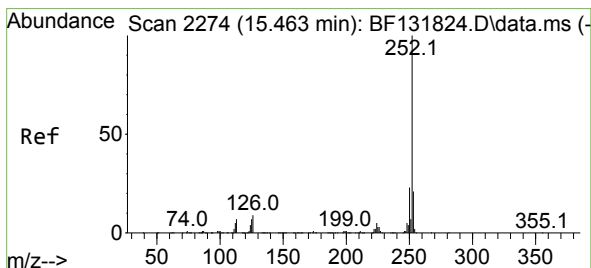
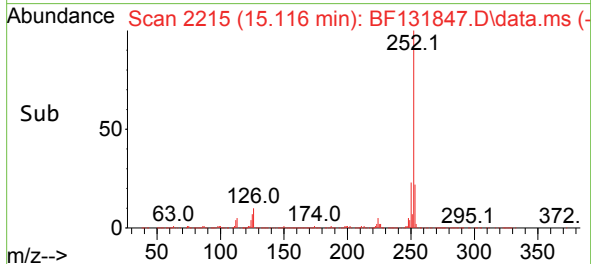
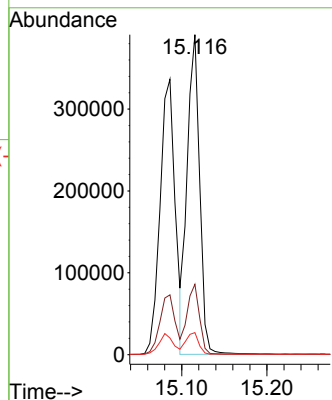
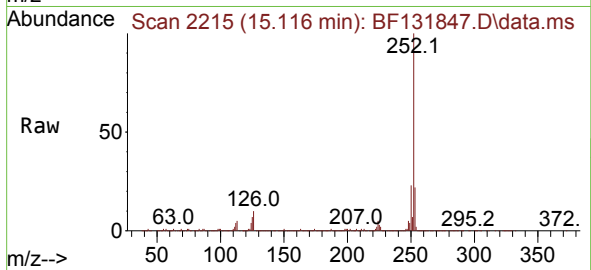




#89
Benzo(k)fluoranthene
Concen: 40.242 ng
RT: 15.116 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

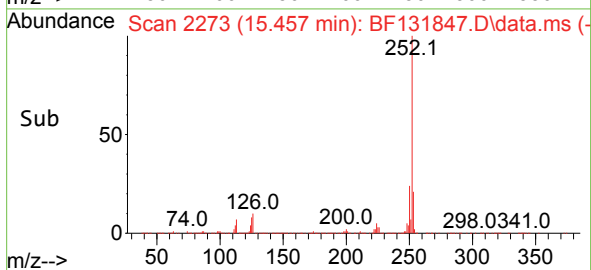
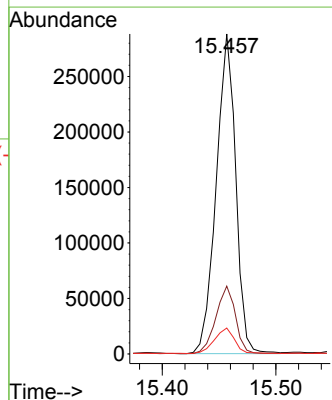
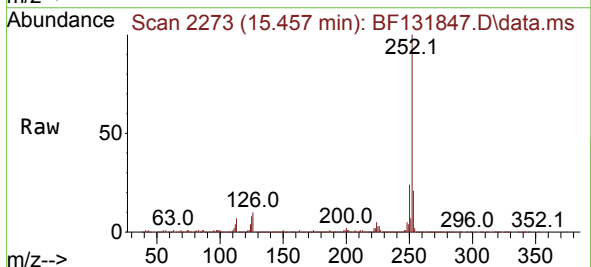
Instrument :
BNA_F
ClientSampleId :
HD-01-122322MS

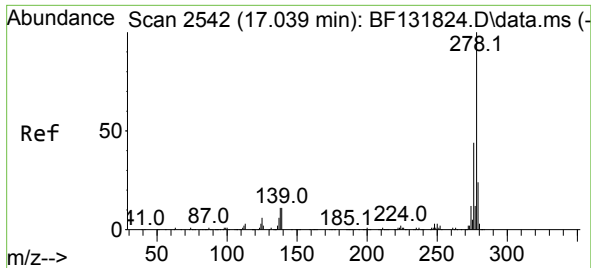
Tgt Ion:252 Resp: 396431
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 6.9 5.4 8.0



#90
Benzo(a)pyrene
Concen: 43.547 ng
RT: 15.457 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

Tgt Ion:252 Resp: 343739
Ion Ratio Lower Upper
252 100
253 21.2 16.6 24.8
125 8.1 5.8 8.8

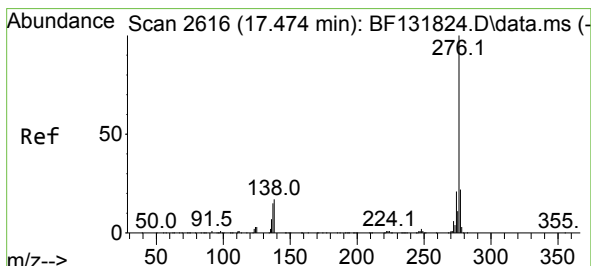
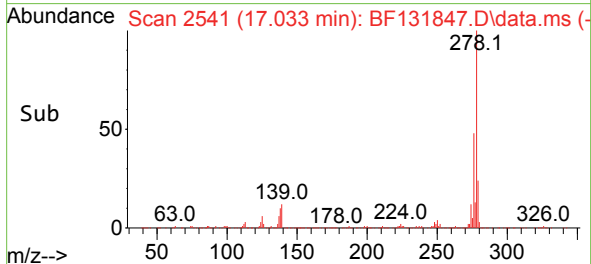
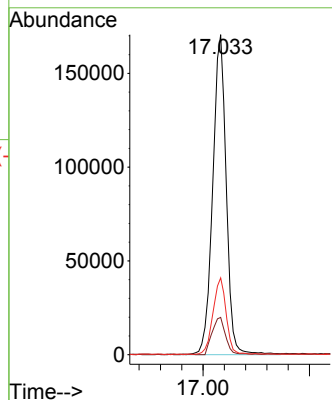
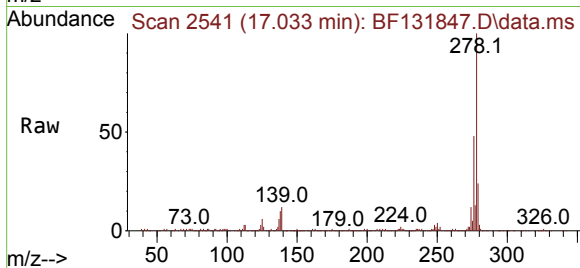




#91
 Dibenzo(a,h)anthracene
 Concen: 41.554 ng
 RT: 17.033 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF131847.D
 Acq: 27 Dec 2022 20:34

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-122322MS

Tgt Ion:278 Resp: 300687
 Ion Ratio Lower Upper
 278 100
 139 11.7 8.6 12.8
 279 24.0 19.0 28.4



#92
 Benzo(g,h,i)perylene
 Concen: 33.419 ng
 RT: 17.468 min Scan# 2615
 Delta R.T. -0.006 min
 Lab File: BF131847.D
 Acq: 27 Dec 2022 20:34

Tgt Ion:276 Resp: 270706
 Ion Ratio Lower Upper
 276 100
 277 23.6 17.9 26.9
 138 14.4 13.7 20.5

