

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030723\
 Data File : BF132685.D
 Acq On : 07 Mar 2023 19:06
 Operator : CG\JU
 Sample : 01825-01MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HH-TP1-0306MSD

Quant Time: Mar 08 04:42:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 13:42:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.987	152	184855	20.000	ng	0.00
21) Naphthalene-d8	8.275	136	681150	20.000	ng	0.00
39) Acenaphthene-d10	10.039	164	359553	20.000	ng	0.00
64) Phenanthrene-d10	11.533	188	687724	20.000	ng	0.00
76) Chrysene-d12	14.192	240	351915	20.000	ng	# 0.00
86) Perylene-d12	15.733	264	389873	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.622	112	1151321	101.082	ng	0.00
7) Phenol-d6	6.622	99	1487151	100.045	ng	0.00
23) Nitrobenzene-d5	7.557	82	960175	66.879	ng	0.00
42) 2,4,6-Tribromophenol	10.833	330	391429	100.805	ng	0.00
45) 2-Fluorobiphenyl	9.351	172	1430823	60.594	ng	0.00
79) Terphenyl-d14	13.121	244	1488036	71.491	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.910	88	228917	36.334	ng	96
3) Pyridine	3.675	79	613973	36.712	ng	96
4) n-Nitrosodimethylamine	3.640	42	249104	39.434	ng	85
6) Aniline	6.651	93	641698	32.078	ng	96
8) 2-Chlorophenol	6.775	128	558886	47.278	ng	97
9) Benzaldehyde	6.539	77	272452	33.967	ng	100
10) Phenol	6.634	94	727040	42.661	ng	95
11) bis(2-Chloroethyl)ether	6.722	93	583203	44.329	ng	95
12) 1,3-Dichlorobenzene	6.928	146	576817	45.470	ng	99
13) 1,4-Dichlorobenzene	7.004	146	572711	45.213	ng	99
14) 1,2-Dichlorobenzene	7.157	146	555982	45.735	ng	99
15) Benzyl Alcohol	7.134	79	506925	44.280	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.263	45	712994	42.499	ng	100
17) 2-Methylphenol	7.239	107	463607	42.022	ng	96
18) Hexachloroethane	7.498	117	223954	45.255	ng	94
19) n-Nitroso-di-n-propyla...	7.404	70	350042	38.263	ng	92
20) 3+4-Methylphenols	7.392	107	521485	36.587	ng	# 87
22) Acetophenone	7.398	105	686827	39.989	ng	# 92
24) Nitrobenzene	7.575	77	622550	40.545	ng	99
25) Isophorone	7.810	82	1129114	41.021	ng	99
26) 2-Nitrophenol	7.892	139	301033	44.435	ng	92
27) 2,4-Dimethylphenol	7.922	122	459689	42.992	ng	99
28) bis(2-Chloroethoxy)met...	8.016	93	680989	42.292	ng	99
29) 2,4-Dichlorophenol	8.133	162	458245	43.084	ng	99
30) 1,2,4-Trichlorobenzene	8.216	180	502715	43.527	ng	98
31) Naphthalene	8.298	128	1457017	41.784	ng	99
32) Benzoic acid	8.051	122	305857	37.235	ng	98
33) 4-Chloroaniline	8.345	127	213503	14.288	ng	# 93
34) Hexachlorobutadiene	8.410	225	311677	42.468	ng	100
35) Caprolactam	8.728	113	119875	34.187	ng	93
36) 4-Chloro-3-methylphenol	8.828	107	504194	43.164	ng	96
37) 2-Methylnaphthalene	8.992	142	960684	40.426	ng	99
38) 1-Methylnaphthalene	9.092	142	892792	40.201	ng	100
40) 1,2,4,5-Tetrachloroben...	9.157	216	510604	43.405	ng	99
41) Hexachlorocyclopentadiene	9.139	237	457092	71.639	ng	98
43) 2,4,6-Trichlorophenol	9.269	196	348747	43.745	ng	100

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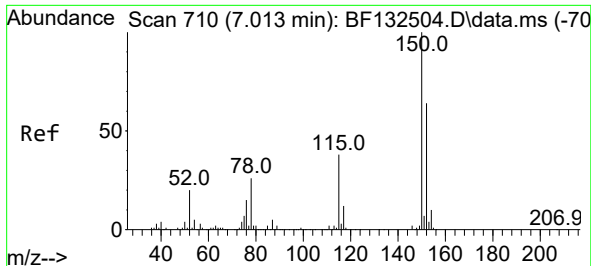
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.316	196	368828	39.639	ng	97
46) 1,1'-Biphenyl	9.457	154	1143402	42.015	ng	98
47) 2-Chloronaphthalene	9.480	162	939330	43.535	ng	99
48) 2-Nitroaniline	9.580	65	318307	40.055	ng	89
49) Acenaphthylene	9.898	152	1450789	42.249	ng	100
50) Dimethylphthalate	9.757	163	1108843	42.355	ng	100
51) 2,6-Dinitrotoluene	9.822	165	258734	43.396	ng	# 87
52) Acenaphthene	10.075	154	869603	39.881	ng	100
53) 3-Nitroaniline	9.992	138	191495	28.712	ng	94
54) 2,4-Dinitrophenol	10.104	184	288449	76.847	ng	91
55) Dibenzofuran	10.245	168	1318465	41.476	ng	99
56) 4-Nitrophenol	10.157	139	393945	79.203	ng	96
57) 2,4-Dinitrotoluene	10.227	165	347214	43.774	ng	95
58) Fluorene	10.592	166	1033578	42.508	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.363	232	304214	44.013	ng	98
60) Diethylphthalate	10.451	149	1060406	41.473	ng	99
61) 4-Chlorophenyl-phenyle...	10.575	204	522708	41.439	ng	98
62) 4-Nitroaniline	10.610	138	271165	41.419	ng	94
63) Azobenzene	10.739	77	1126452	41.599	ng	99
65) 4,6-Dinitro-2-methylph...	10.639	198	201369	43.254	ng	97
66) n-Nitrosodiphenylamine	10.698	169	902458	42.092	ng	98
67) 4-Bromophenyl-phenylether	11.069	248	331700	42.639	ng	99
68) Hexachlorobenzene	11.139	284	371737	45.414	ng	# 94
69) Atrazine	11.222	200	315603	47.151	ng	99
70) Pentachlorophenol	11.339	266	365245	74.997	ng	99
71) Phenanthrene	11.563	178	2072401	58.169	ng	99
72) Anthracene	11.610	178	1675759	45.676	ng	99
73) Carbazole	11.763	167	1384495	41.855	ng	99
74) Di-n-butylphthalate	12.080	149	1639212	42.247	ng	100
75) Fluoranthene	12.757	202	2427849	62.335	ng	98
77) Benzidine	12.874	184	532507	62.161	ng	99
78) Pyrene	12.992	202	2304821	72.036	ng	100
80) Butylbenzylphthalate	13.592	149	625014	49.502	ng	100
81) Benzo(a)anthracene	14.180	228	1526244	57.963	ng	97
82) 3,3'-Dichlorobenzidine	14.139	252	223702	28.817	ng	98
83) Chrysene	14.221	228	1367919	55.555	ng	99
84) Bis(2-ethylhexyl)phtha...	14.151	149	803668	51.815	ng	# 97
85) Di-n-octyl phthalate	14.774	149	1230643	54.296	ng	98
87) Indeno(1,2,3-cd)pyrene	17.333	276	1417917	55.504	ng	100
88) Benzo(b)fluoranthene	15.280	252	1489127	56.995	ng	98
89) Benzo(k)fluoranthene	15.310	252	1226105	47.950	ng	100
90) Benzo(a)pyrene	15.674	252	1283276	52.479	ng	99
91) Dibenzo(a,h)anthracene	17.351	278	1032043	49.584	ng	99
92) Benzo(g,h,i)perylene	17.827	276	1170751	49.712	ng	99

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

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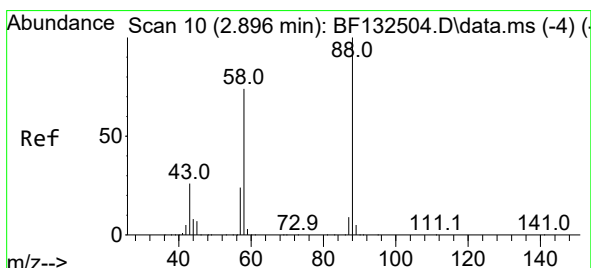
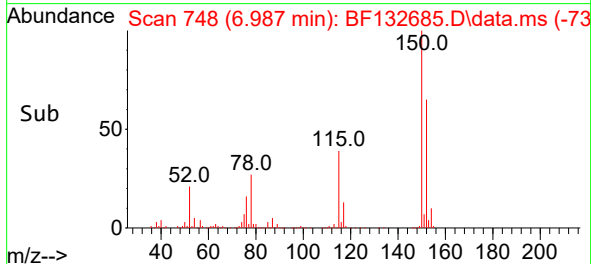
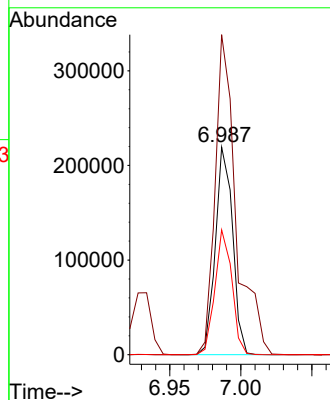
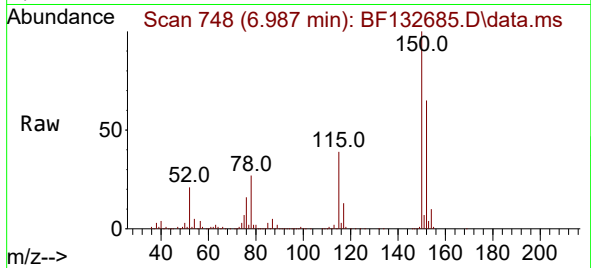




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.987 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132685.D
Acq: 07 Mar 2023 19:06

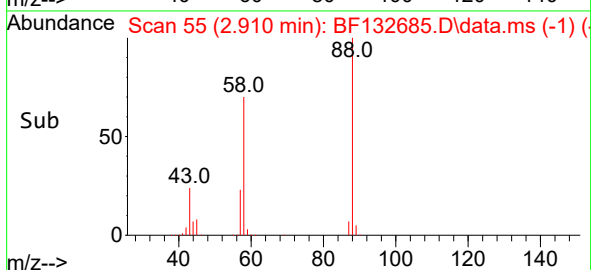
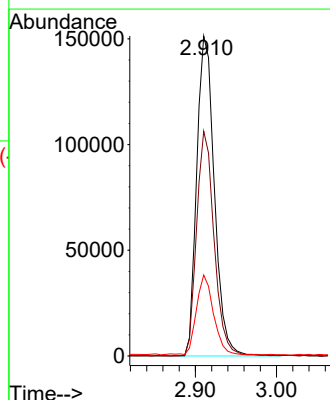
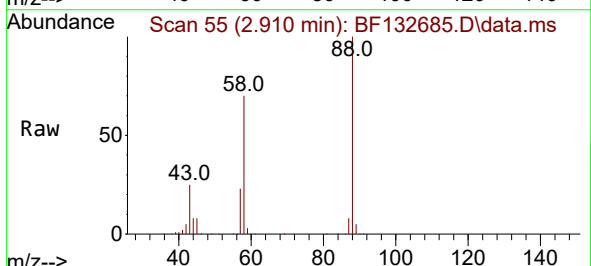
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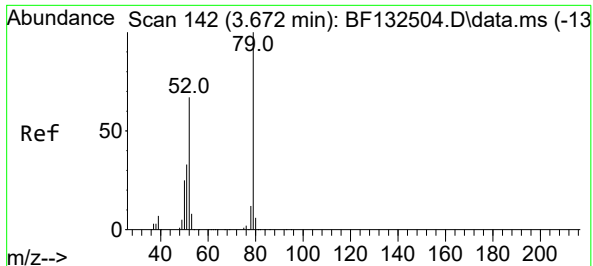
Tgt Ion:152 Resp: 184855
Ion Ratio Lower Upper
152 100
150 154.2 125.4 188.2
115 60.1 47.8 71.6



#2
1,4-Dioxane
Concen: 36.334 ng
RT: 2.910 min Scan# 55
Delta R.T. 0.070 min
Lab File: BF132685.D
Acq: 07 Mar 2023 19:06

Tgt Ion: 88 Resp: 228917
Ion Ratio Lower Upper
88 100
58 69.8 58.3 87.5
43 23.9 20.7 31.1

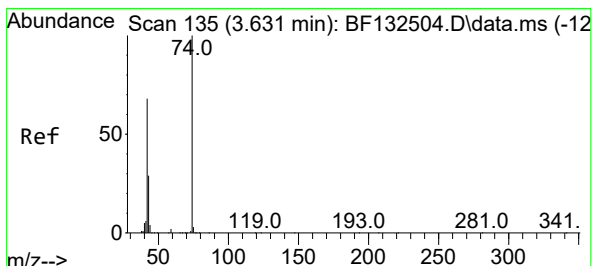
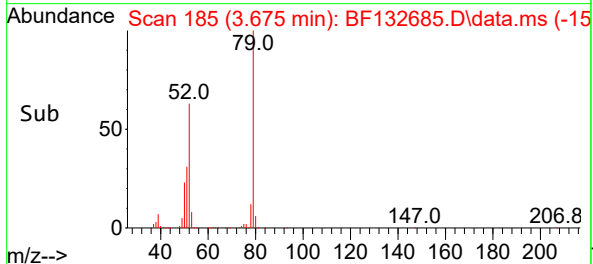
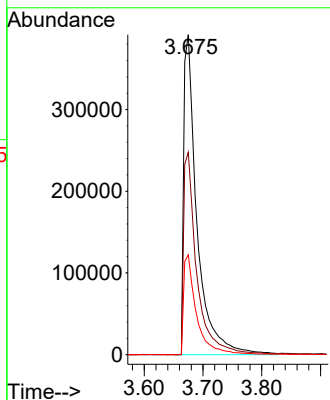
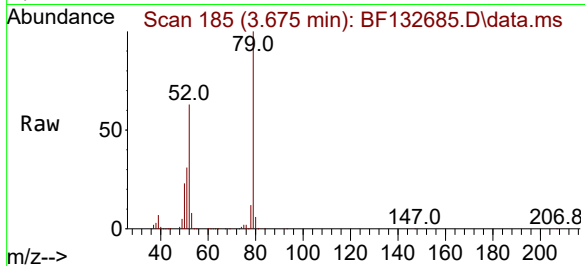




#3
Pyridine
Concen: 36.712 ng
RT: 3.675 min Scan# 11
Delta R.T. 0.053 min
Lab File: BF132685.D
Acq: 07 Mar 2023 19:06

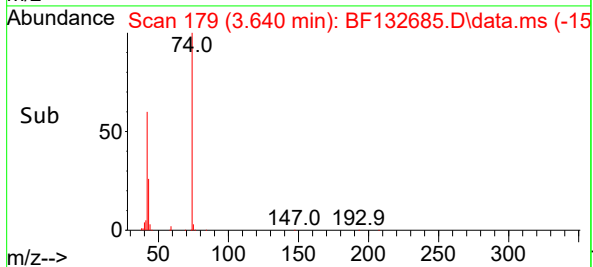
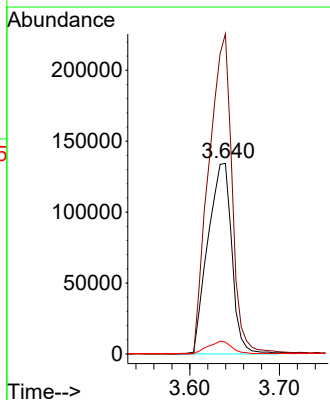
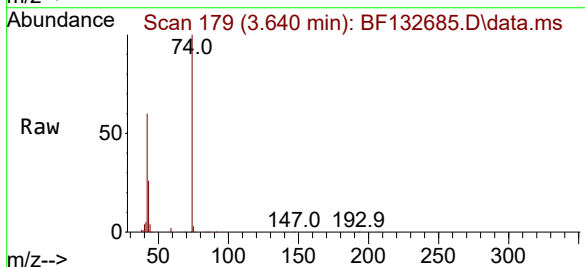
Instrument :
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ClientSampleId :
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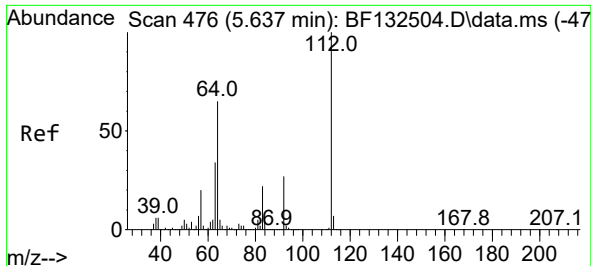
Tgt Ion: 79 Resp: 613973
Ion Ratio Lower Upper
79 100
52 63.3 53.7 80.5
51 31.2 26.6 40.0



#4
n-Nitrosodimethylamine
Concen: 39.434 ng
RT: 3.640 min Scan# 179
Delta R.T. 0.047 min
Lab File: BF132685.D
Acq: 07 Mar 2023 19:06

Tgt Ion: 42 Resp: 249104
Ion Ratio Lower Upper
42 100
74 167.9 118.2 177.2
44 6.2 5.3 7.9

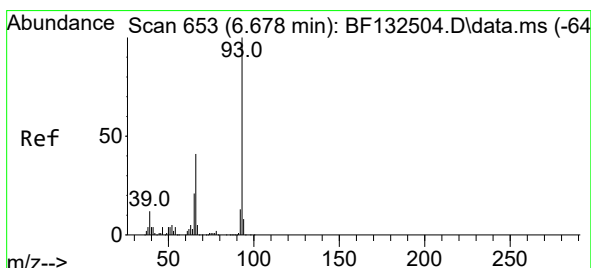
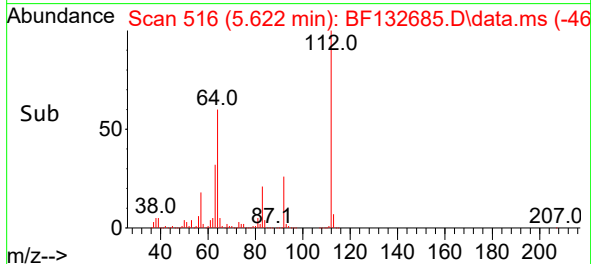
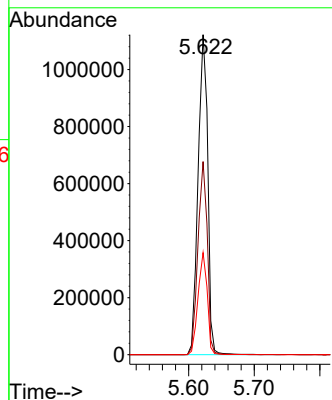
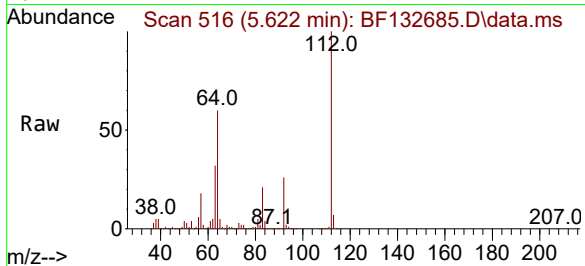




#5
2-Fluorophenol
Concen: 101.082 ng
RT: 5.622 min Scan# 516
Delta R.T. 0.006 min
Lab File: BF132685.D
Acq: 07 Mar 2023 19:06

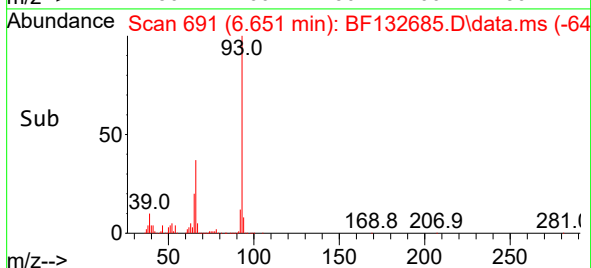
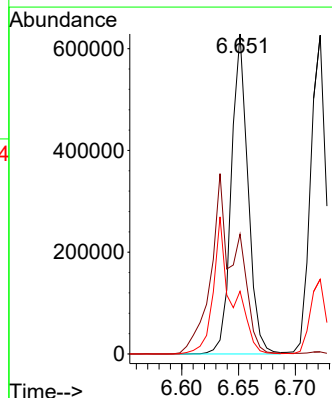
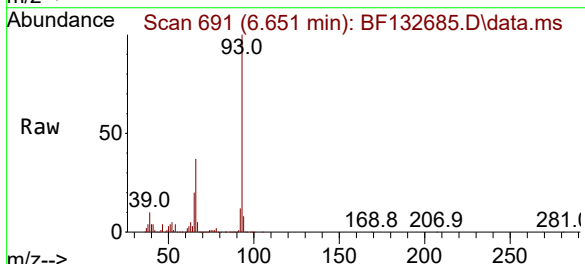
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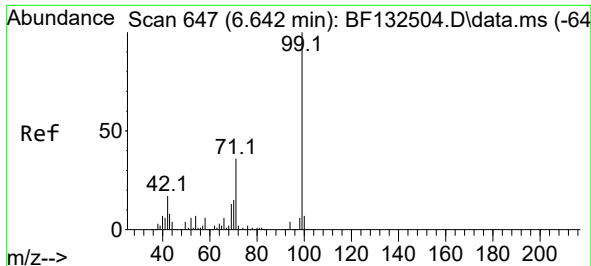
Tgt Ion:112 Resp: 1151321
Ion Ratio Lower Upper
112 100
64 60.4 51.6 77.4
63 31.9 27.4 41.2



#6
Aniline
Concen: 32.078 ng
RT: 6.651 min Scan# 691
Delta R.T. -0.006 min
Lab File: BF132685.D
Acq: 07 Mar 2023 19:06

Tgt Ion: 93 Resp: 641698
Ion Ratio Lower Upper
93 100
66 37.4 32.5 48.7
65 19.6 16.6 24.8



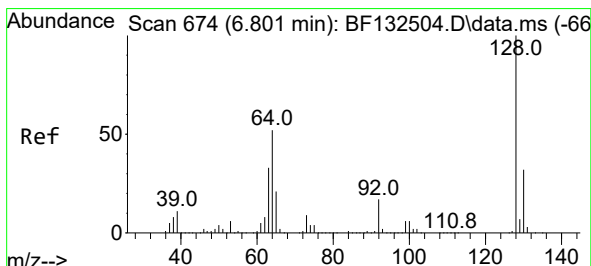
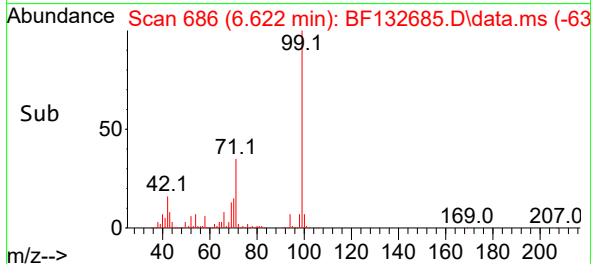
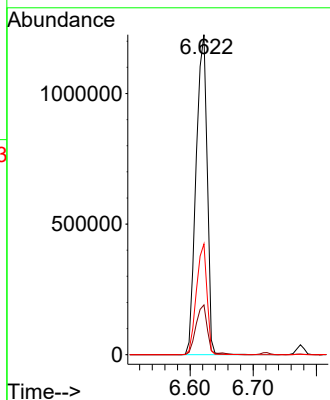
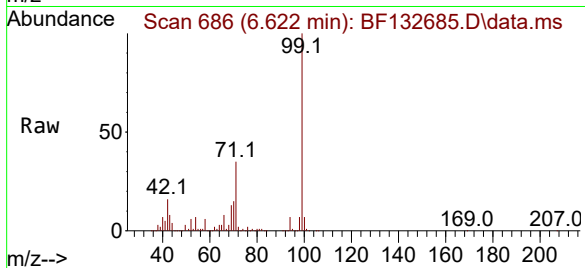


#7
Phenol-d6
Concen: 100.045 ng
RT: 6.622 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF132685.D
Acq: 07 Mar 2023 19:06

Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306MSD

Tgt Ion: 99 Resp: 1487151

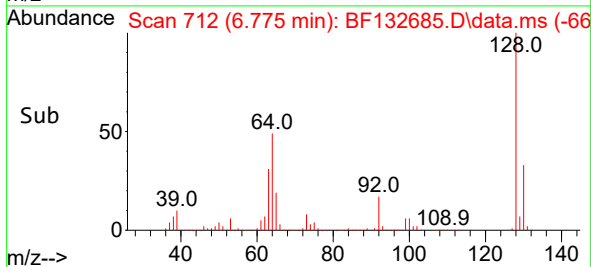
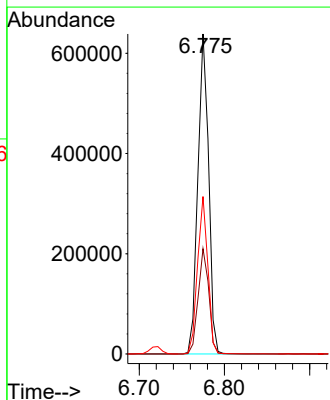
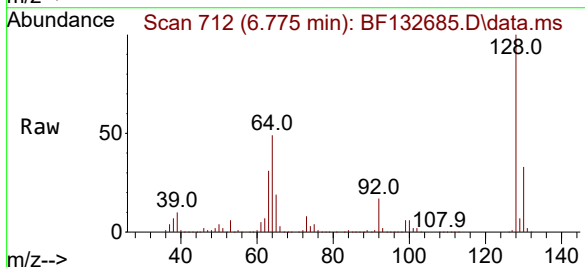
Ion	Ratio	Lower	Upper
99	100		
42	15.5	13.9	20.9
71	34.6	28.5	42.7

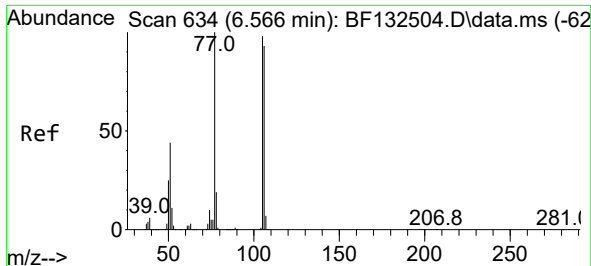


#8
2-Chlorophenol
Concen: 47.278 ng
RT: 6.775 min Scan# 712
Delta R.T. -0.006 min
Lab File: BF132685.D
Acq: 07 Mar 2023 19:06

Tgt Ion: 128 Resp: 558886

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.1	52.1
64	49.2	32.0	72.0

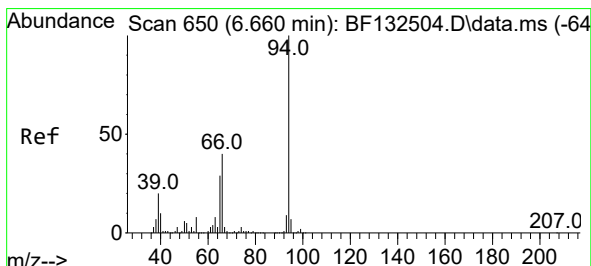
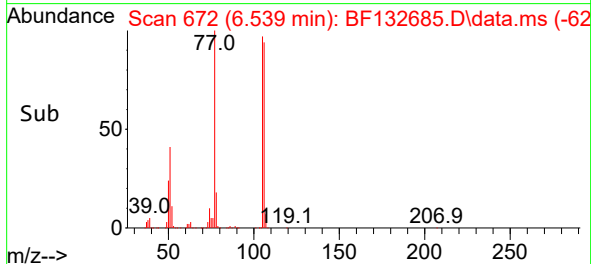
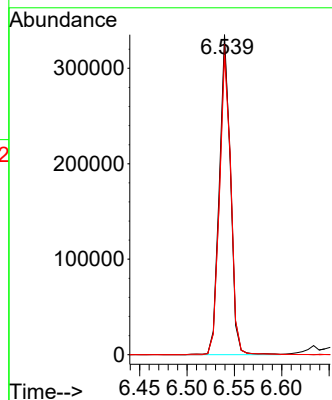
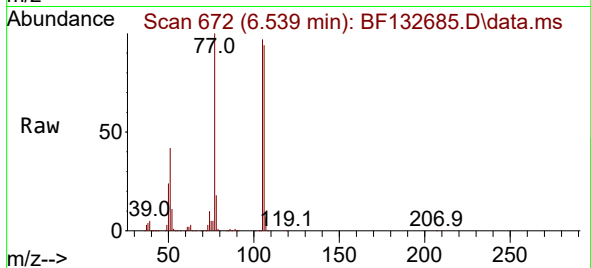




#9
Benzaldehyde
Concen: 33.967 ng
RT: 6.539 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132685.D
Acq: 07 Mar 2023 19:06

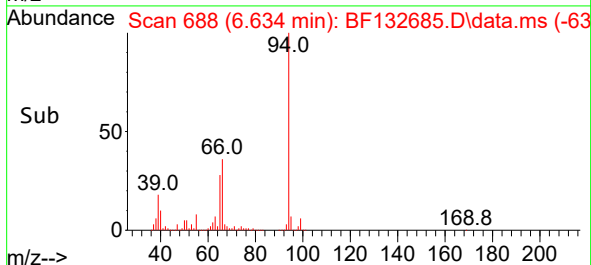
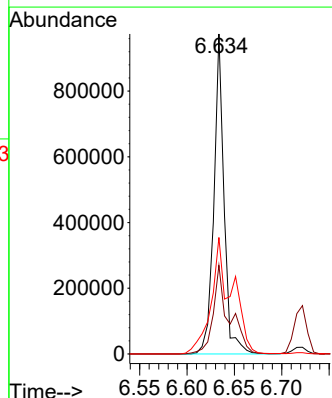
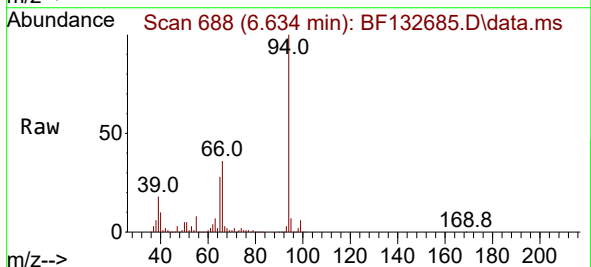
Instrument :
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ClientSampleId :
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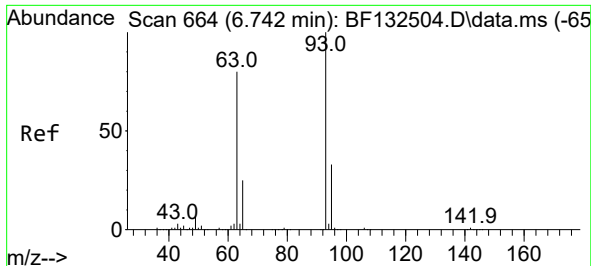
Tgt Ion: 77 Resp: 272452
Ion Ratio Lower Upper
77 100
105 97.1 77.9 117.9
106 93.5 73.4 113.4



#10
Phenol
Concen: 42.661 ng
RT: 6.634 min Scan# 688
Delta R.T. -0.006 min
Lab File: BF132685.D
Acq: 07 Mar 2023 19:06

Tgt Ion: 94 Resp: 727040
Ion Ratio Lower Upper
94 100
65 27.7 9.4 49.4
66 36.4 19.8 59.8

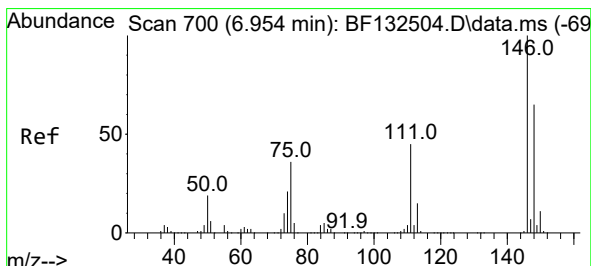
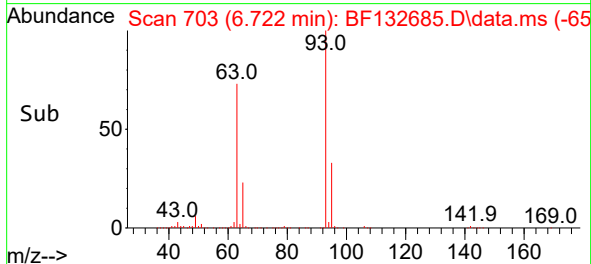
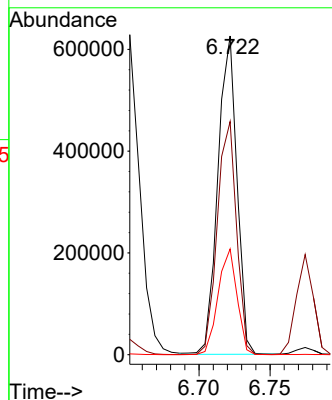
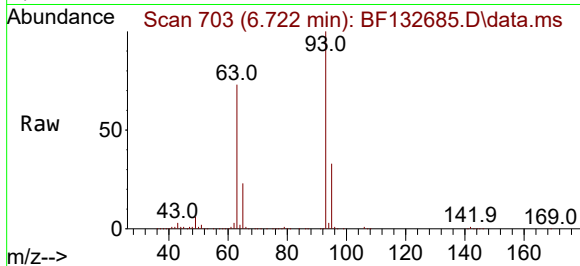




#11
bis(2-Chloroethyl)ether
Concen: 44.329 ng
RT: 6.722 min Scan# 703
Delta R.T. -0.006 min
Lab File: BF132685.D
Acq: 07 Mar 2023 19:06

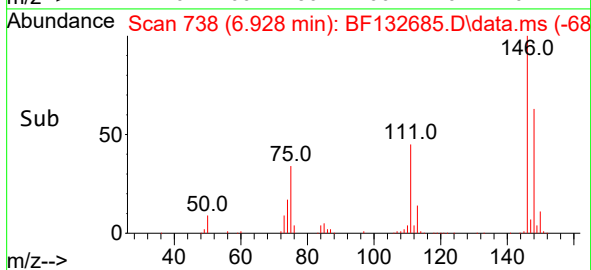
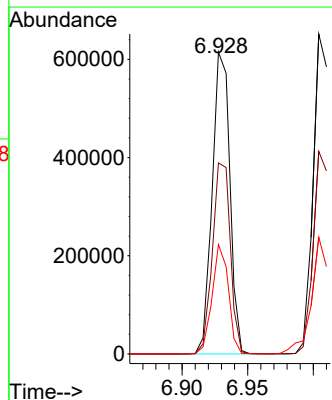
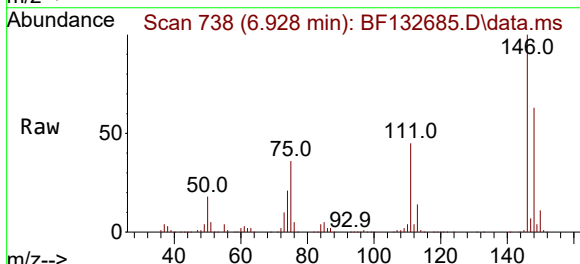
Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306MSD

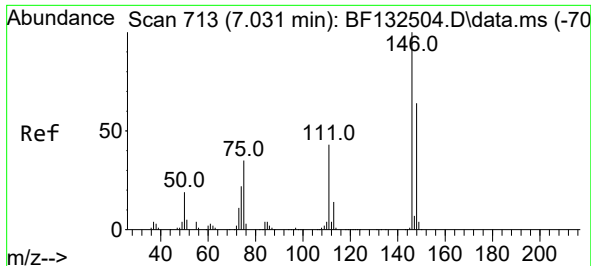
Tgt Ion: 93 Resp: 583203
Ion Ratio Lower Upper
93 100
63 73.2 59.6 99.6
95 33.2 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 45.470 ng
RT: 6.928 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF132685.D
Acq: 07 Mar 2023 19:06

Tgt Ion:146 Resp: 576817
Ion Ratio Lower Upper
146 100
148 63.3 51.9 77.9
75 36.3 28.9 43.3





#13

1,4-Dichlorobenzene

Concen: 45.213 ng

RT: 7.004 min Scan# 713

Delta R.T. -0.006 min

Lab File: BF132685.D

Acq: 07 Mar 2023 19:06

Instrument :

BNA_F

ClientSampleId :

HH-TP1-0306MSD

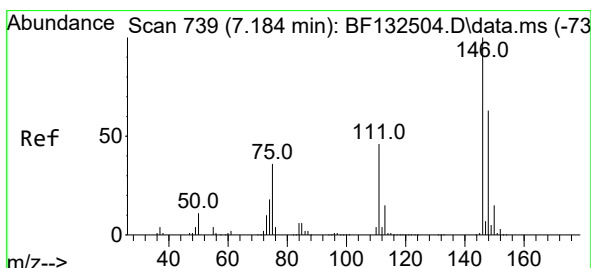
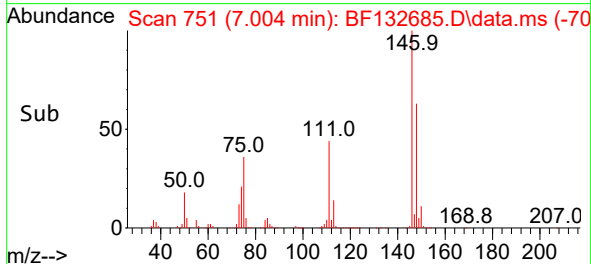
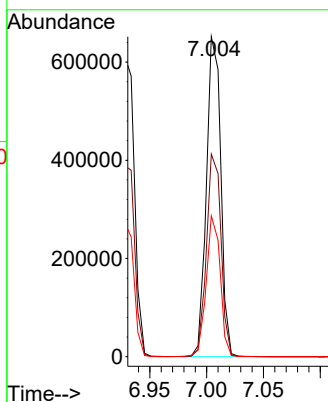
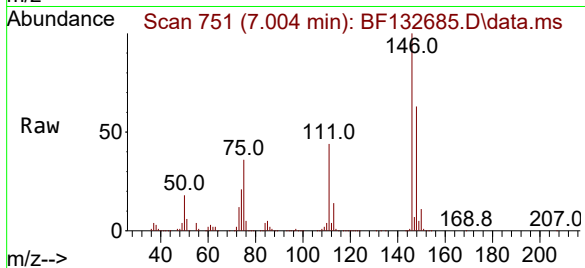
Tgt Ion:146 Resp: 572711

Ion Ratio Lower Upper

146 100

148 63.3 51.1 76.7

111 44.0 34.8 52.2



#14

1,2-Dichlorobenzene

Concen: 45.735 ng

RT: 7.157 min Scan# 777

Delta R.T. -0.006 min

Lab File: BF132685.D

Acq: 07 Mar 2023 19:06

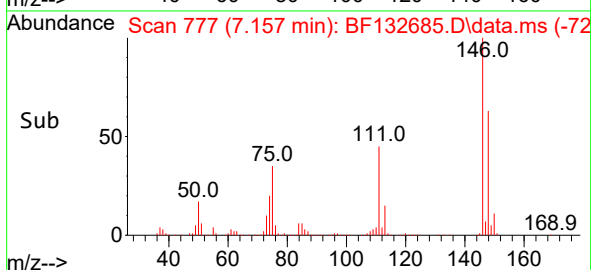
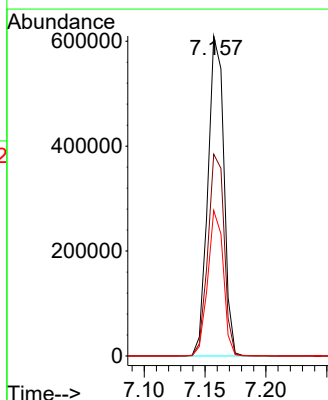
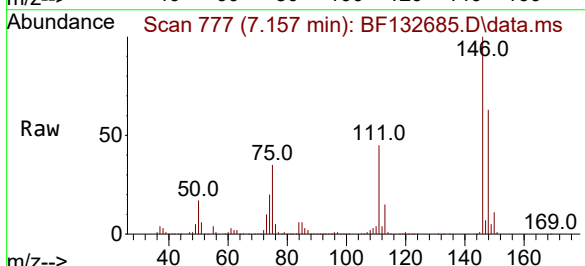
Tgt Ion:146 Resp: 555982

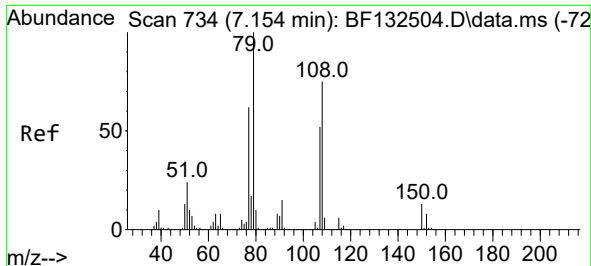
Ion Ratio Lower Upper

146 100

148 63.1 50.6 75.8

111 45.4 37.2 55.8

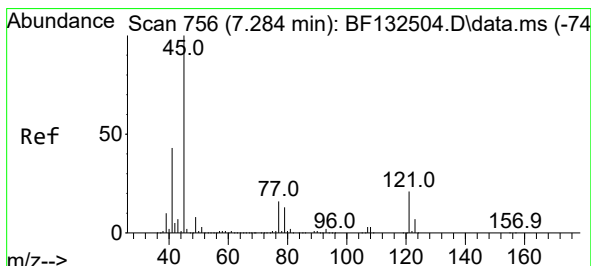
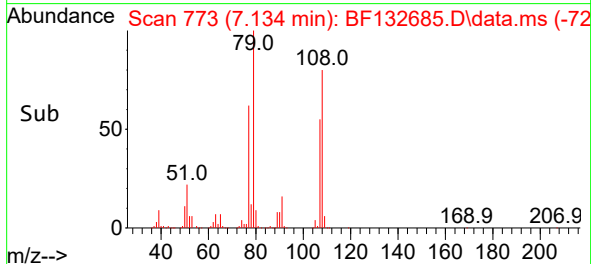
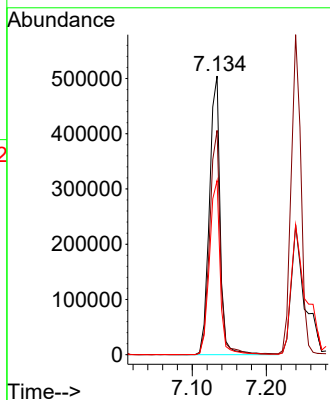
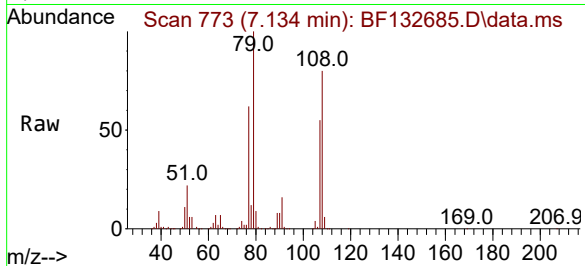




#15
Benzyl Alcohol
Concen: 44.280 ng
RT: 7.134 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF132685.D
Acq: 07 Mar 2023 19:06

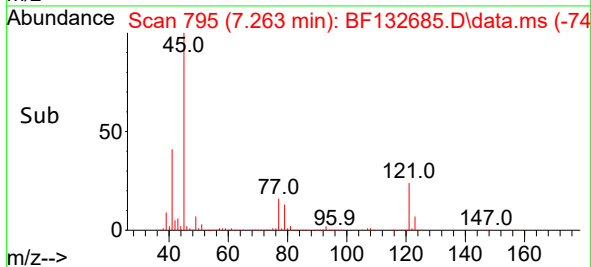
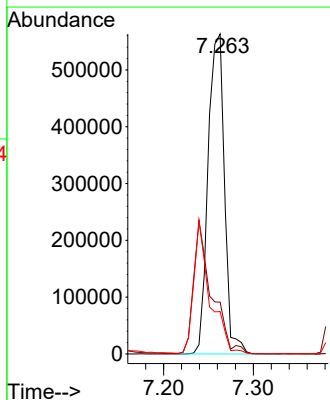
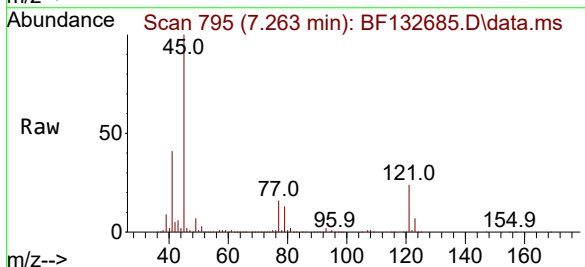
Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306MSD

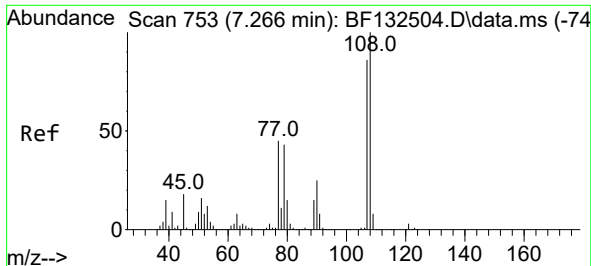
Tgt Ion: 79 Resp: 506925
Ion Ratio Lower Upper
79 100
108 80.4 60.2 90.4
77 62.5 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.499 ng
RT: 7.263 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF132685.D
Acq: 07 Mar 2023 19:06

Tgt Ion: 45 Resp: 712994
Ion Ratio Lower Upper
45 100
77 16.2 0.0 36.4
79 13.3 0.0 33.4



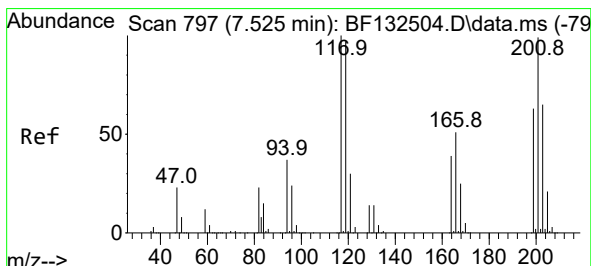
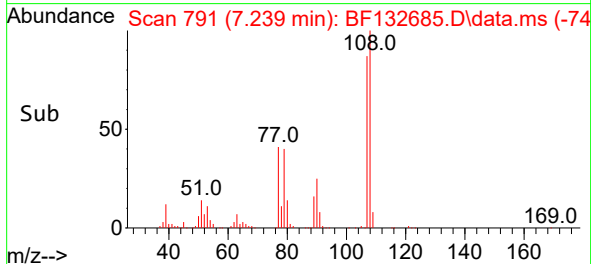
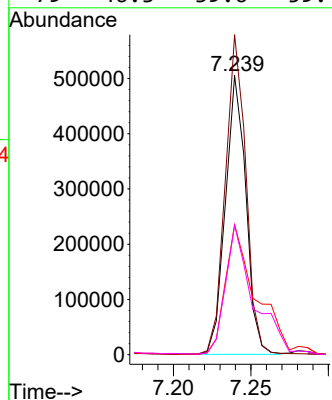
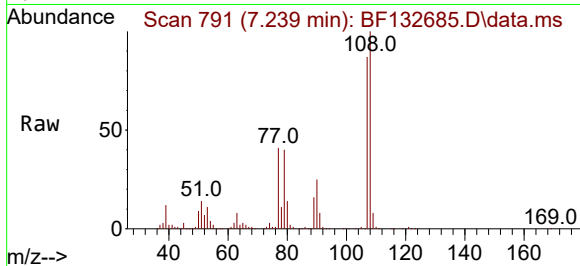


#17
2-Methylphenol
Concen: 42.022 ng
RT: 7.239 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF132685.D
Acq: 07 Mar 2023 19:06

Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306MSD

Tgt Ion:107 Resp: 463607

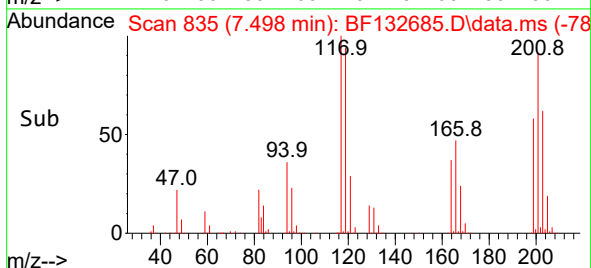
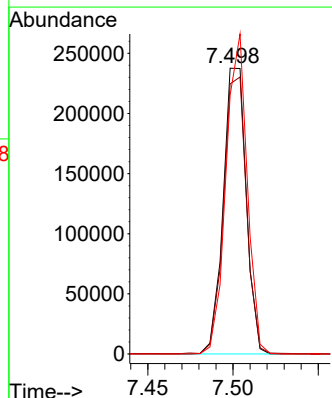
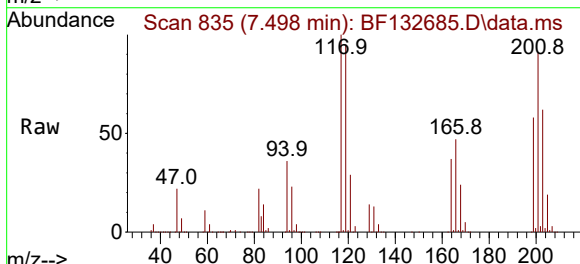
Ion	Ratio	Lower	Upper
107	100		
108	114.6	93.0	139.4
77	46.5	42.1	63.1
79	46.3	39.6	59.4

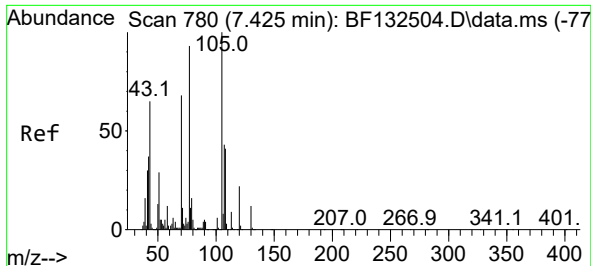


#18
Hexachloroethane
Concen: 45.255 ng
RT: 7.498 min Scan# 835
Delta R.T. -0.006 min
Lab File: BF132685.D
Acq: 07 Mar 2023 19:06

Tgt Ion:117 Resp: 223954

Ion	Ratio	Lower	Upper
117	100		
119	94.5	78.0	117.0
201	90.5	79.0	118.4

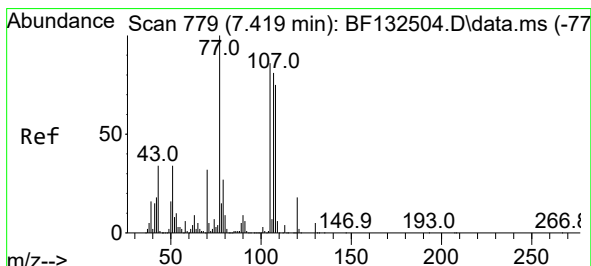
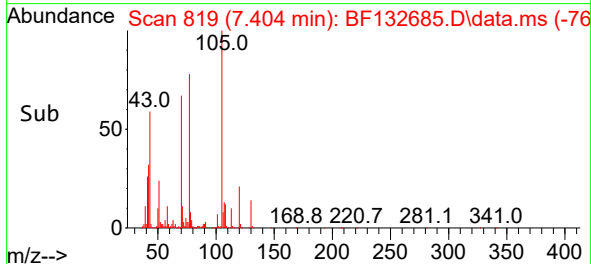
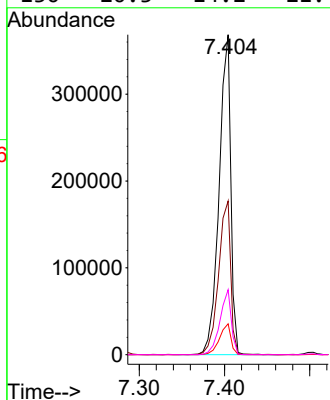
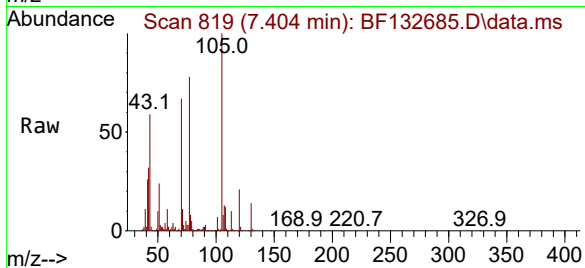




#19
n-Nitroso-di-n-propylamine
Concen: 38.263 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF132685.D
Acq: 07 Mar 2023 19:06

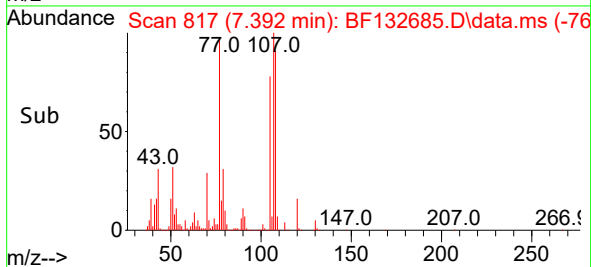
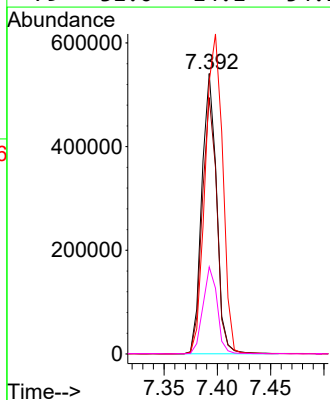
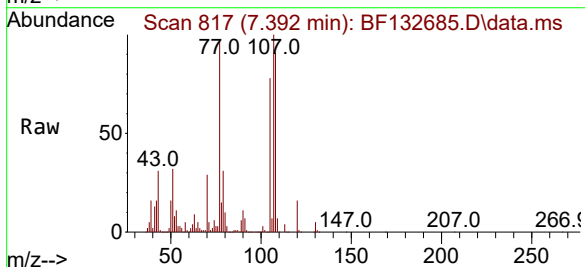
Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306MSD

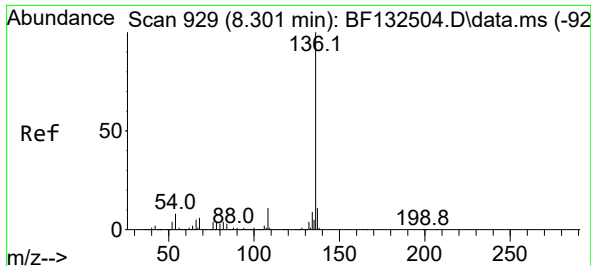
Tgt Ion: 70 Resp: 350042
Ion Ratio Lower Upper
70 100
42 48.0 44.1 66.1
101 9.6 7.4 11.2
130 20.3 14.2 21.4



#20
3+4-Methylphenols
Concen: 36.587 ng
RT: 7.392 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF132685.D
Acq: 07 Mar 2023 19:06

Tgt Ion: 107 Resp: 521485
Ion Ratio Lower Upper
107 100
108 91.4 72.6 112.6
77 97.2 104.0 144.0#
79 31.0 14.1 54.1

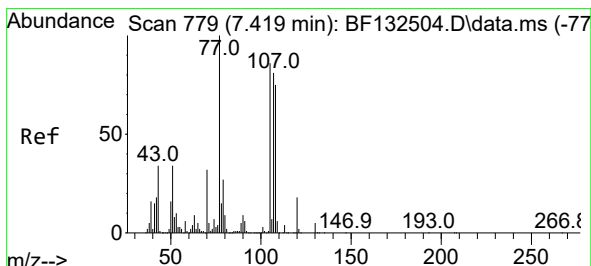
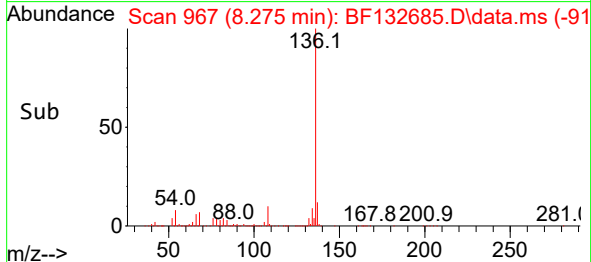
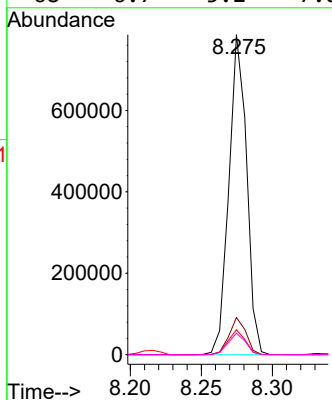
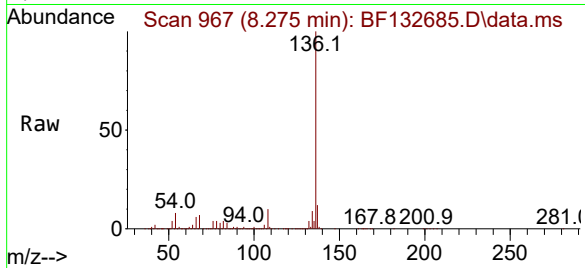




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.275 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132685.D
Acq: 07 Mar 2023 19:06

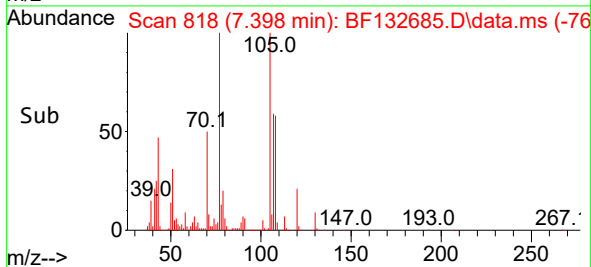
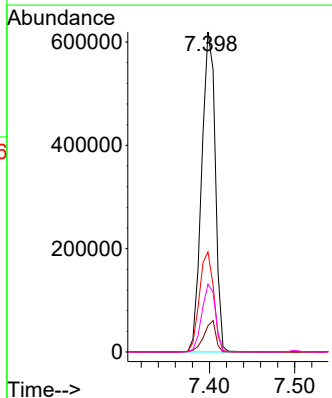
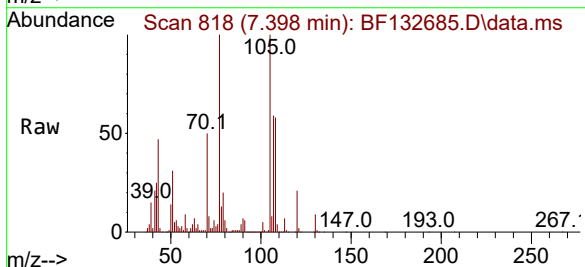
Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306MSD

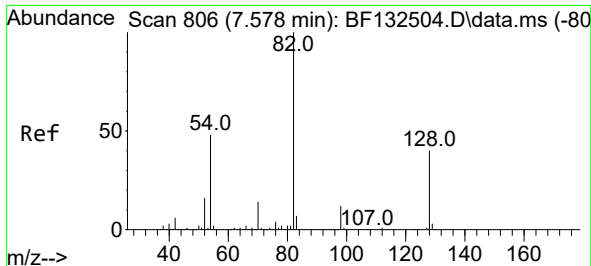
Tgt Ion:136 Resp: 681150
Ion Ratio Lower Upper
136 100
137 11.6 8.9 13.3
54 7.8 6.2 9.4
68 6.7 5.2 7.8



#22
Acetophenone
Concen: 39.989 ng
RT: 7.398 min Scan# 818
Delta R.T. -0.006 min
Lab File: BF132685.D
Acq: 07 Mar 2023 19:06

Tgt Ion:105 Resp: 686827
Ion Ratio Lower Upper
105 100
71 8.2 5.0 7.4#
51 31.3 31.5 47.3#
120 21.2 17.0 25.4





#23

Nitrobenzene-d5

Concen: 66.879 ng

RT: 7.557 min Scan# 845

Delta R.T. -0.006 min

Lab File: BF132685.D

Acq: 07 Mar 2023 19:06

Instrument :

BNA_F

ClientSampleId :

HH-TP1-0306MSD

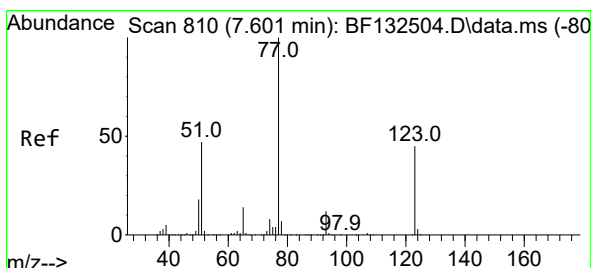
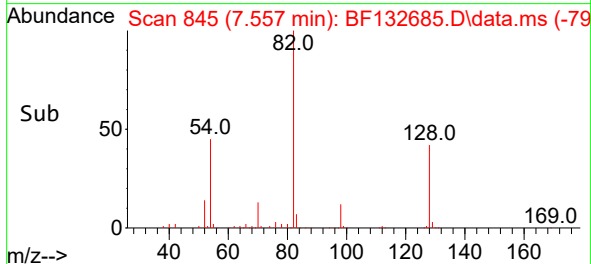
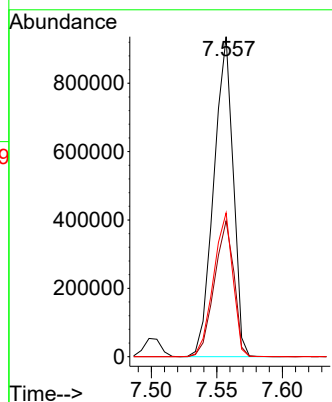
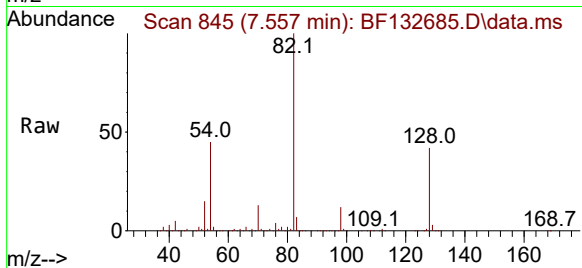
Tgt Ion: 82 Resp: 960175

Ion Ratio Lower Upper

82 100

128 42.4 32.2 48.2

54 45.0 38.4 57.6



#24

Nitrobenzene

Concen: 40.545 ng

RT: 7.575 min Scan# 848

Delta R.T. -0.006 min

Lab File: BF132685.D

Acq: 07 Mar 2023 19:06

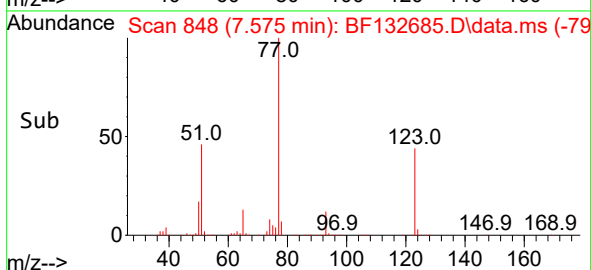
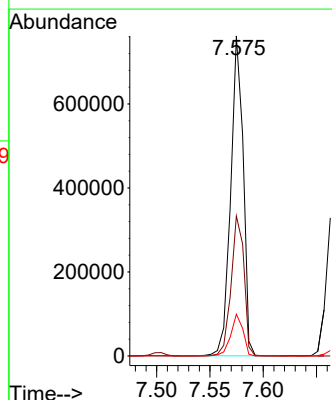
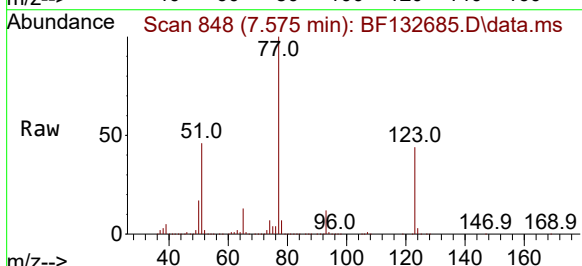
Tgt Ion: 77 Resp: 622550

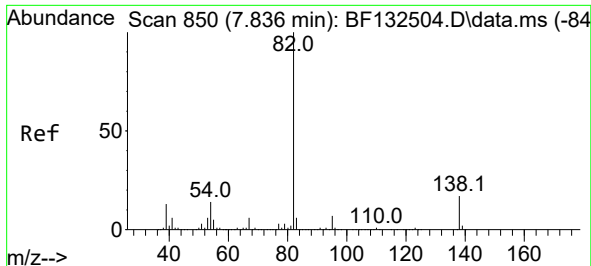
Ion Ratio Lower Upper

77 100

123 43.7 35.8 53.6

65 13.1 10.9 16.3

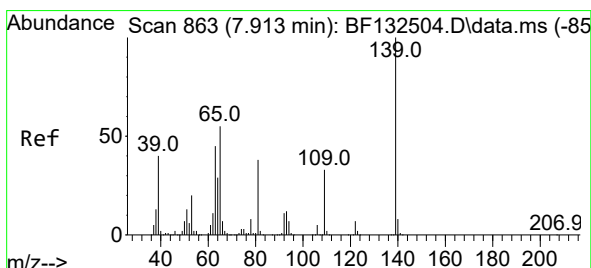
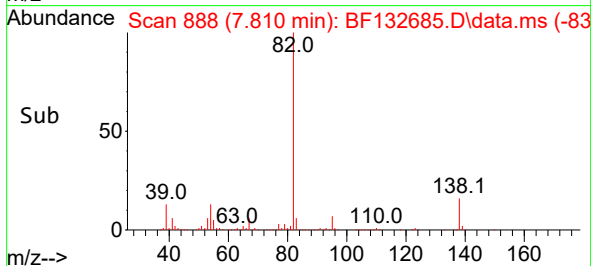
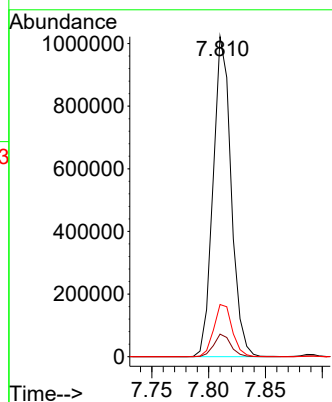
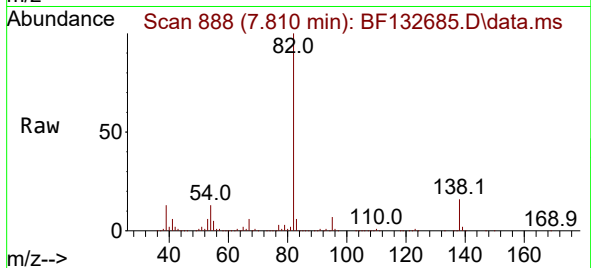




#25
Isophorone
Concen: 41.021 ng
RT: 7.810 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF132685.D
Acq: 07 Mar 2023 19:06

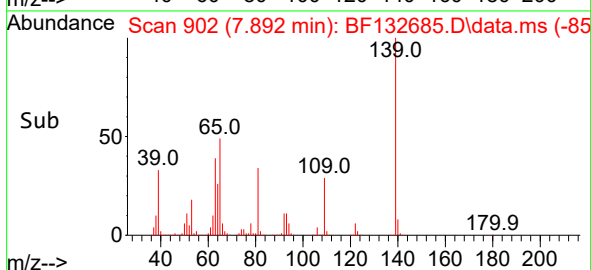
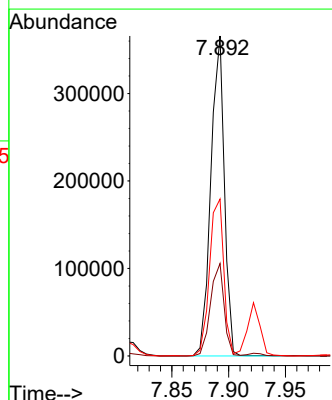
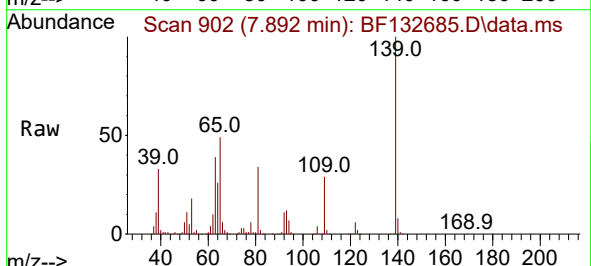
Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306MSD

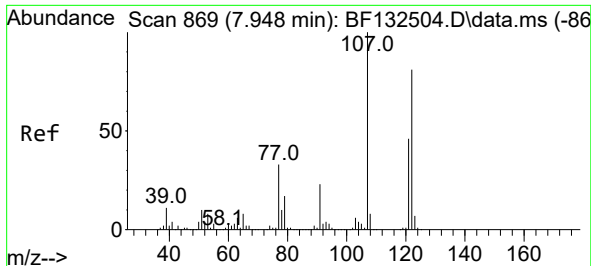
Tgt Ion: 82 Resp: 1129114
Ion Ratio Lower Upper
82 100
95 7.0 5.7 8.5
138 16.3 13.3 19.9



#26
2-Nitrophenol
Concen: 44.435 ng
RT: 7.892 min Scan# 902
Delta R.T. -0.000 min
Lab File: BF132685.D
Acq: 07 Mar 2023 19:06

Tgt Ion:139 Resp: 301033
Ion Ratio Lower Upper
139 100
109 28.9 26.2 39.2
65 49.1 43.8 65.8





#27

2,4-Dimethylphenol

Concen: 42.992 ng

RT: 7.922 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF132685.D

Acq: 07 Mar 2023 19:06

Instrument :

BNA_F

ClientSampleId :

HH-TP1-0306MSD

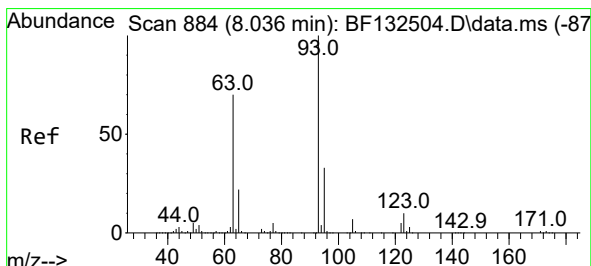
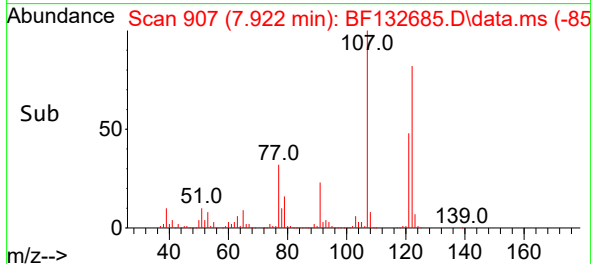
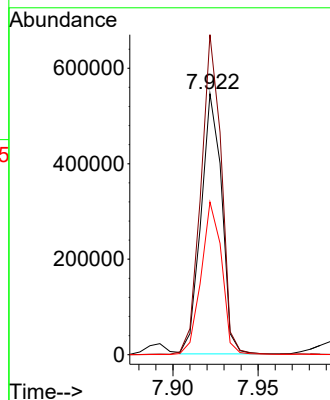
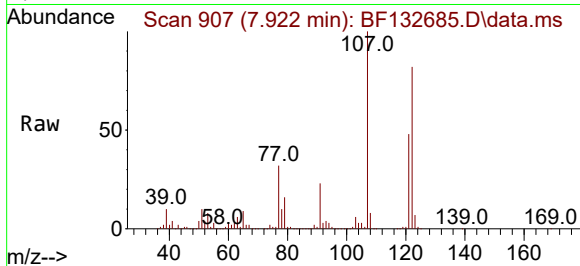
Tgt Ion:122 Resp: 459689

Ion Ratio Lower Upper

122 100

107 122.6 98.7 148.1

121 58.5 45.8 68.6



#28

bis(2-Chloroethoxy)methane

Concen: 42.292 ng

RT: 8.016 min Scan# 923

Delta R.T. -0.006 min

Lab File: BF132685.D

Acq: 07 Mar 2023 19:06

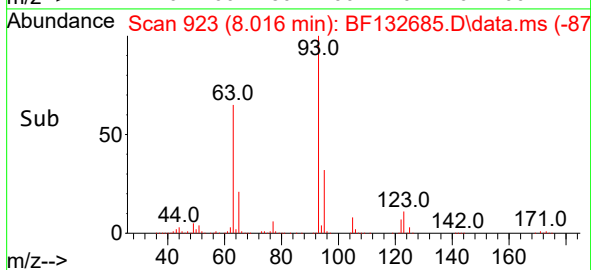
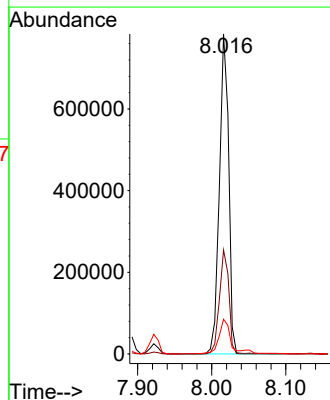
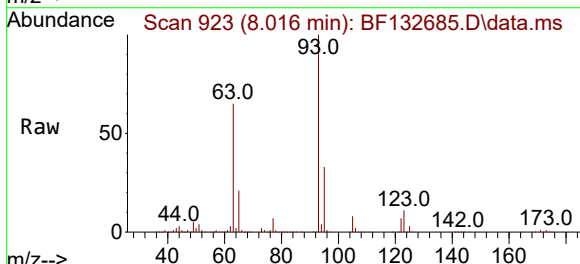
Tgt Ion: 93 Resp: 680989

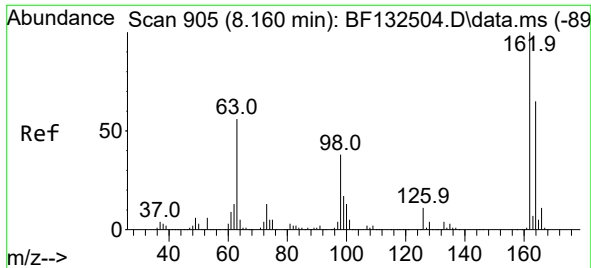
Ion Ratio Lower Upper

93 100

95 32.5 26.3 39.5

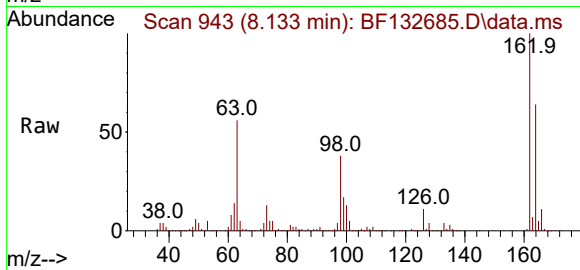
123 10.9 8.3 12.5



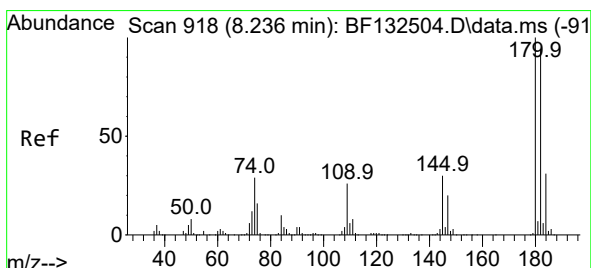
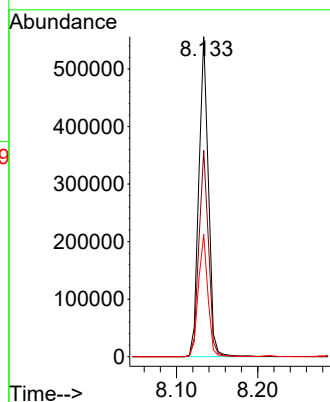
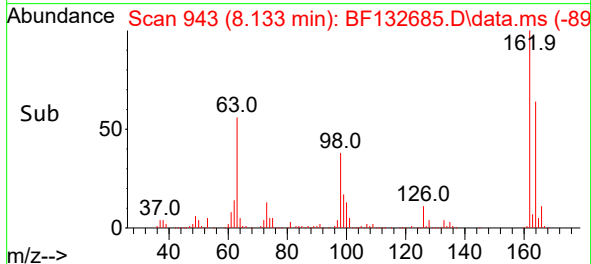


#29
2,4-Dichlorophenol
Concen: 43.084 ng
RT: 8.133 min Scan# 943
Delta R.T. -0.000 min
Lab File: BF132685.D
Acq: 07 Mar 2023 19:06

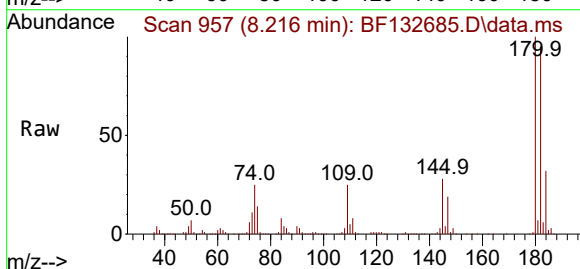
Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306MSD



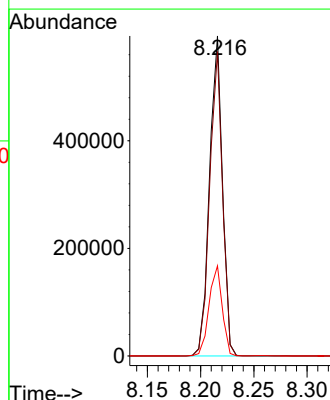
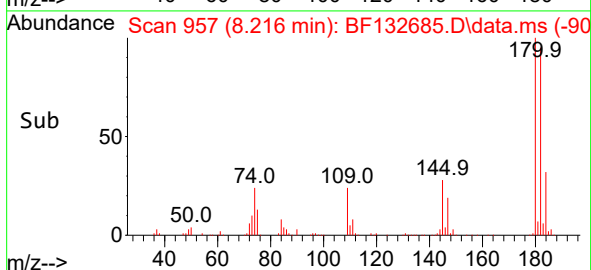
Tgt Ion:162 Resp: 458245
Ion Ratio Lower Upper
162 100
164 64.5 45.3 85.3
98 38.2 17.9 57.9

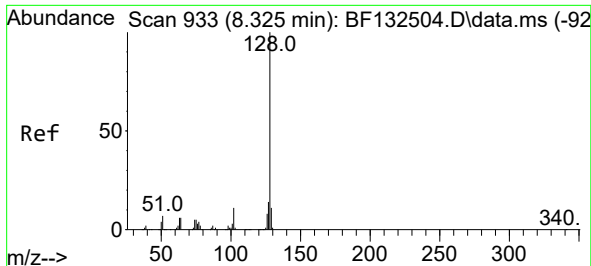


#30
1,2,4-Trichlorobenzene
Concen: 43.527 ng
RT: 8.216 min Scan# 957
Delta R.T. -0.000 min
Lab File: BF132685.D
Acq: 07 Mar 2023 19:06



Tgt Ion:180 Resp: 502715
Ion Ratio Lower Upper
180 100
182 95.1 75.1 112.7
145 28.2 23.8 35.6

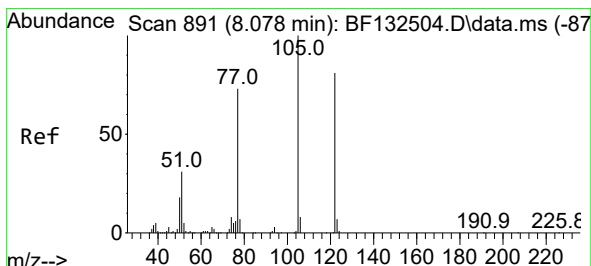
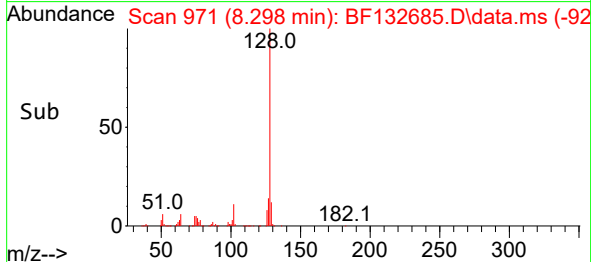
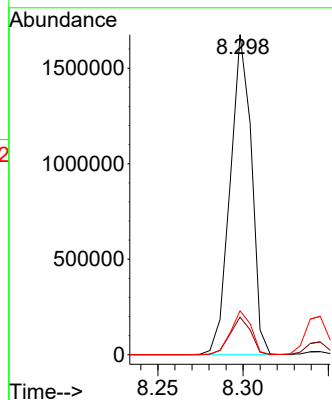
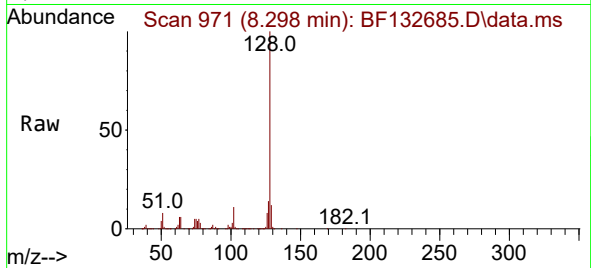




#31
Naphthalene
Concen: 41.784 ng
RT: 8.298 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132685.D
Acq: 07 Mar 2023 19:06

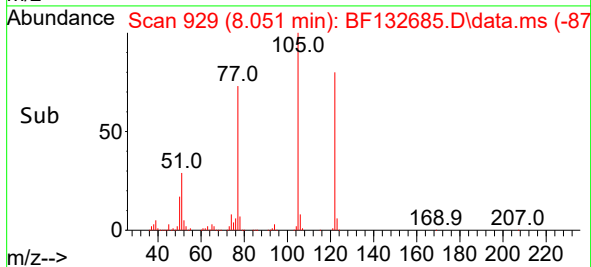
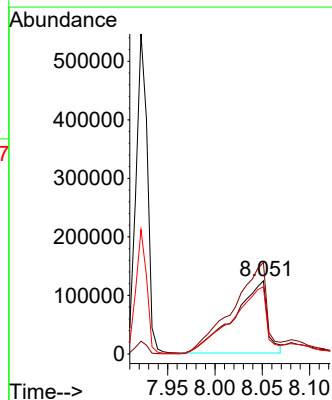
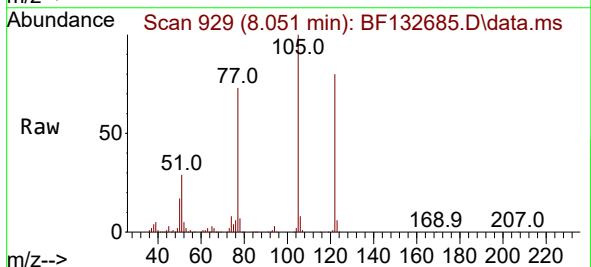
Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306MSD

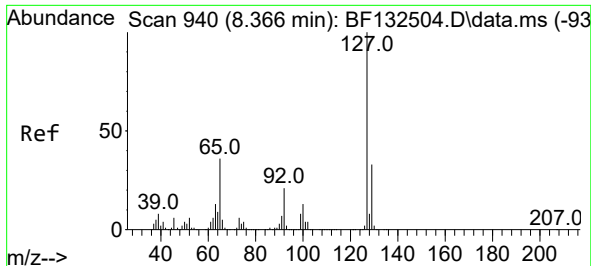
Tgt Ion:128 Resp: 1457017
Ion Ratio Lower Upper
128 100
129 11.8 9.1 13.7
127 13.7 11.0 16.6



#32
Benzoic acid
Concen: 37.235 ng
RT: 8.051 min Scan# 929
Delta R.T. -0.006 min
Lab File: BF132685.D
Acq: 07 Mar 2023 19:06

Tgt Ion:122 Resp: 305857
Ion Ratio Lower Upper
122 100
105 125.3 102.6 142.6
77 91.9 70.2 110.2

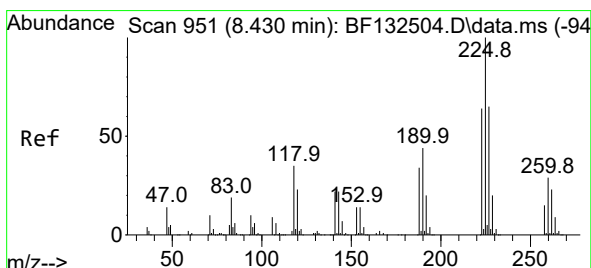
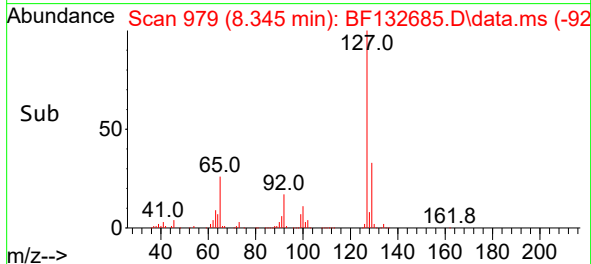
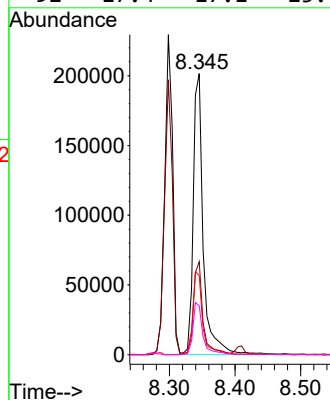
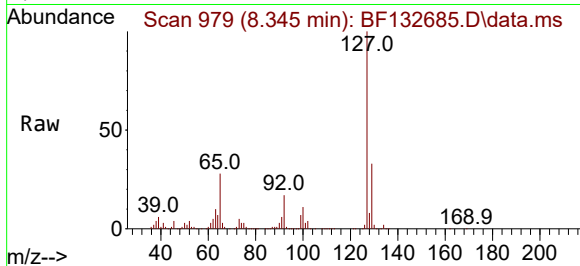




#33
4-Chloroaniline
Concen: 14.288 ng
RT: 8.345 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF132685.D
Acq: 07 Mar 2023 19:06

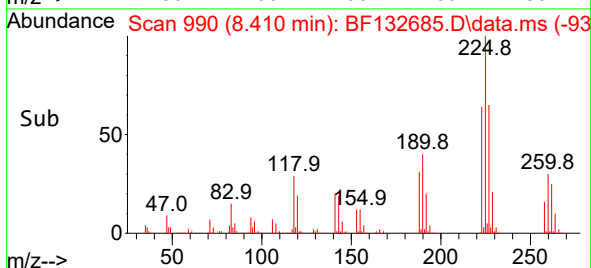
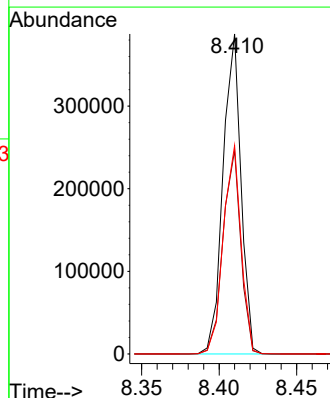
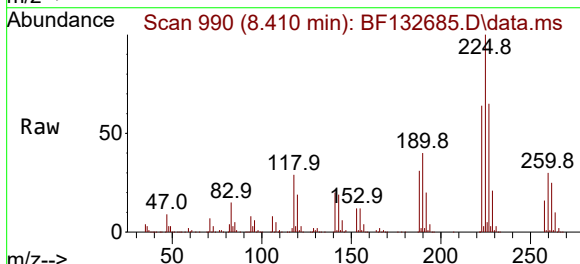
Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306MSD

Tgt Ion:	127	Resp:	213503
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.4	39.6
65	28.1	28.8	43.2#
92	17.4	17.1	25.7



#34
Hexachlorobutadiene
Concen: 42.468 ng
RT: 8.410 min Scan# 990
Delta R.T. -0.000 min
Lab File: BF132685.D
Acq: 07 Mar 2023 19:06

Tgt Ion:	225	Resp:	311677
Ion	Ratio	Lower	Upper
225	100		
223	63.6	51.0	76.4
227	65.1	51.7	77.5

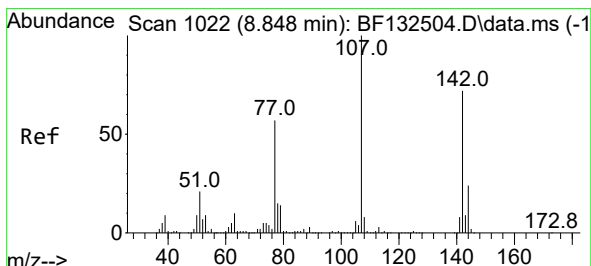
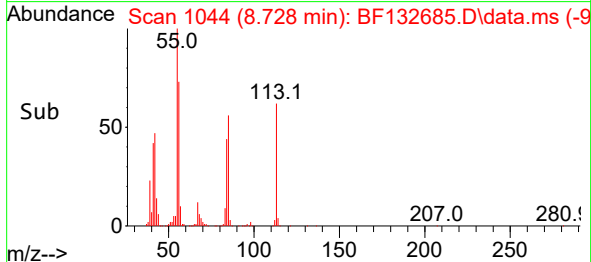
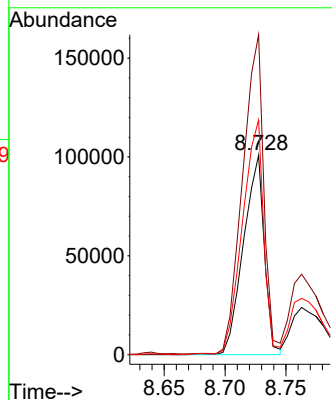
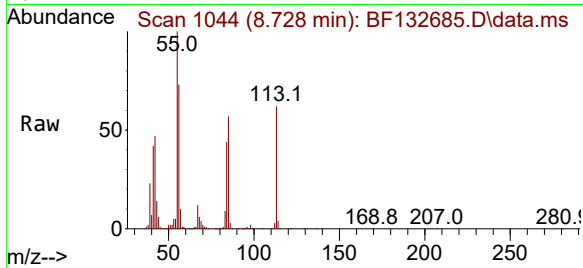




#35
 Caprolactam
 Concen: 34.187 ng
 RT: 8.728 min Scan# 1061
 Delta R.T. -0.006 min
 Lab File: BF132685.D
 Acq: 07 Mar 2023 19:06

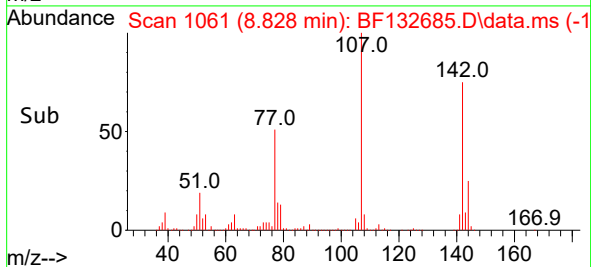
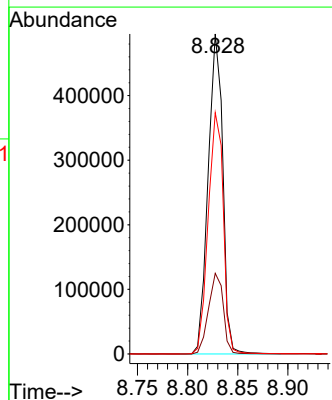
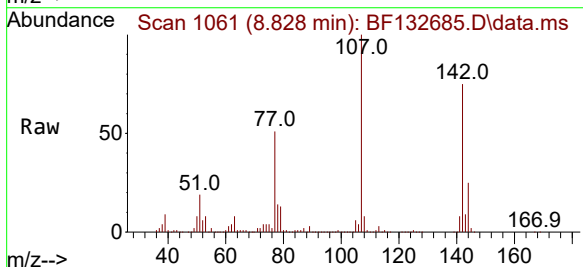
Instrument :
 BNA_F
 ClientSampleId :
 HH-TP1-0306MSD

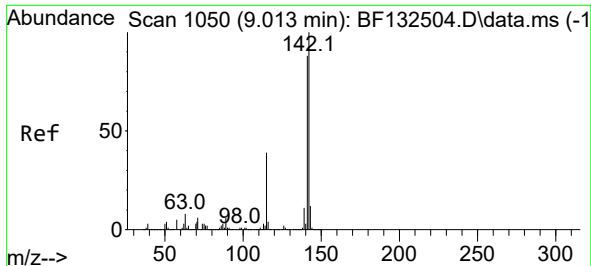
Tgt Ion:113 Resp: 119875
 Ion Ratio Lower Upper
 113 100
 55 160.4 149.4 189.4
 56 117.7 105.0 145.0



#36
 4-Chloro-3-methylphenol
 Concen: 43.164 ng
 RT: 8.828 min Scan# 1061
 Delta R.T. -0.000 min
 Lab File: BF132685.D
 Acq: 07 Mar 2023 19:06

Tgt Ion:107 Resp: 504194
 Ion Ratio Lower Upper
 107 100
 144 25.2 18.9 28.3
 142 75.4 57.9 86.9

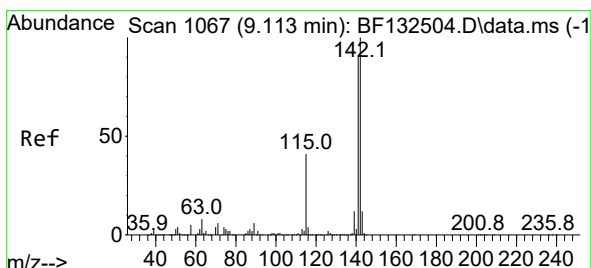
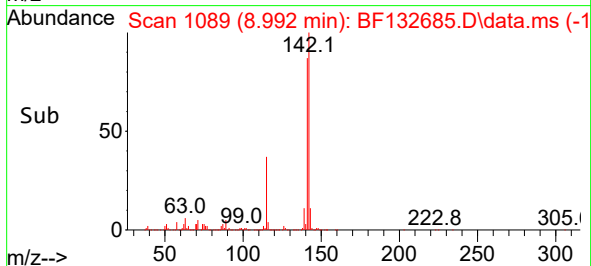
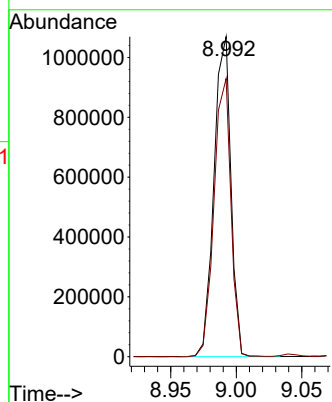
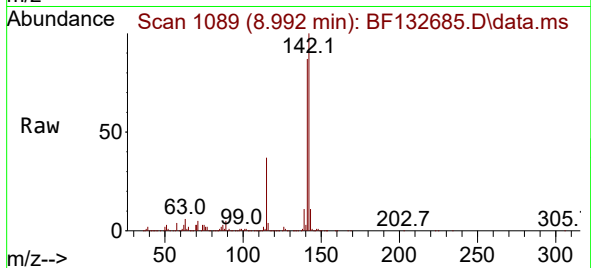




#37
2-Methylnaphthalene
Concen: 40.426 ng
RT: 8.992 min Scan# 1106
Delta R.T. -0.000 min
Lab File: BF132685.D
Acq: 07 Mar 2023 19:06

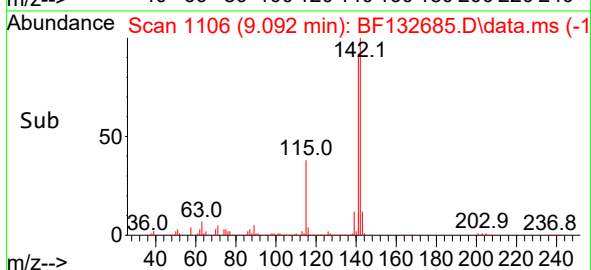
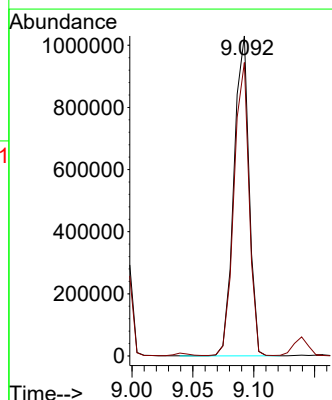
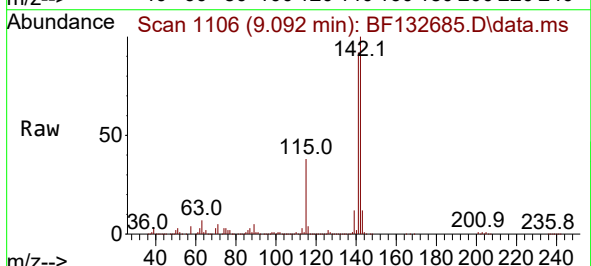
Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306MSD

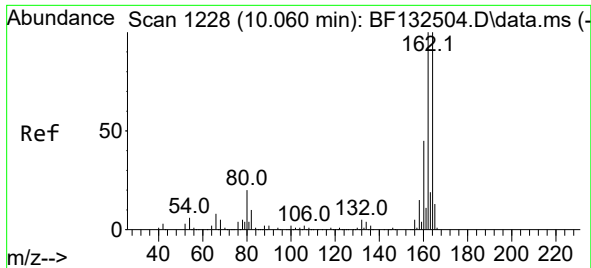
Tgt Ion:142 Resp: 960684
Ion Ratio Lower Upper
142 100
141 86.9 70.2 105.2



#38
1-Methylnaphthalene
Concen: 40.201 ng
RT: 9.092 min Scan# 1106
Delta R.T. -0.000 min
Lab File: BF132685.D
Acq: 07 Mar 2023 19:06

Tgt Ion:142 Resp: 892792
Ion Ratio Lower Upper
142 100
141 91.7 73.0 109.6

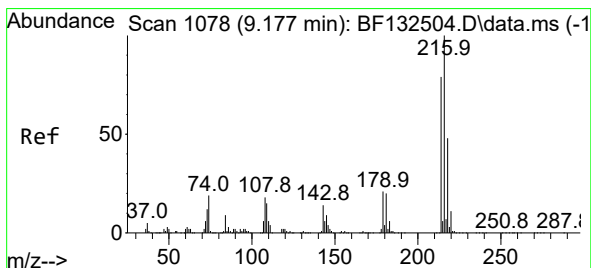
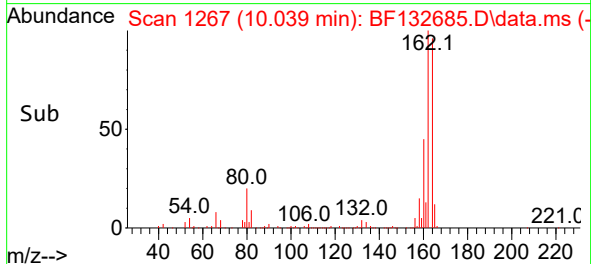
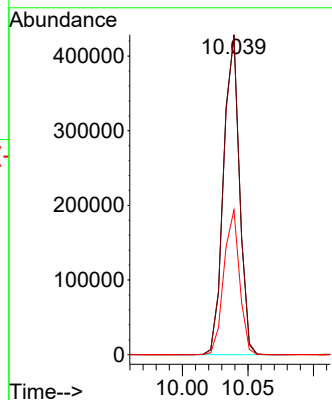
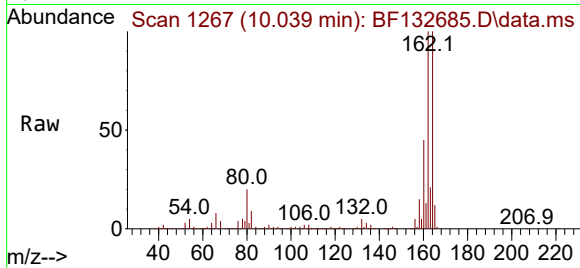




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.039 min Scan# 1117
Delta R.T. -0.000 min
Lab File: BF132685.D
Acq: 07 Mar 2023 19:06

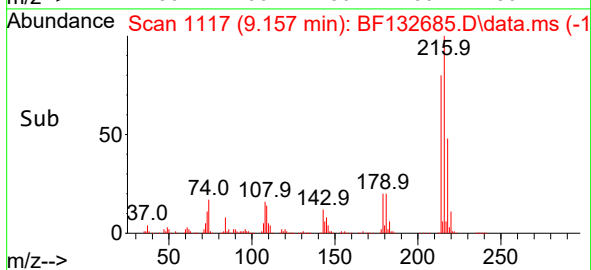
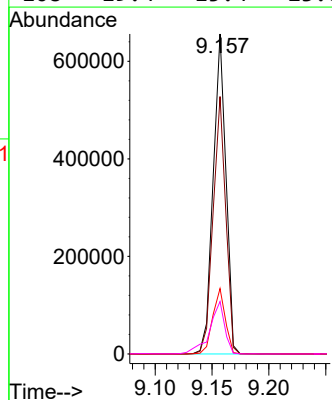
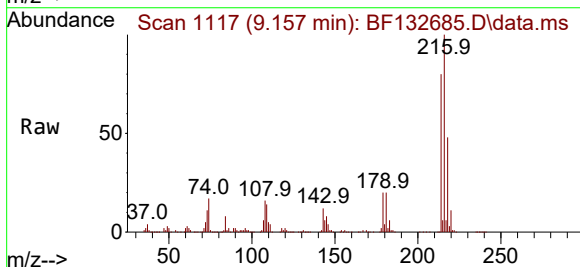
Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306MSD

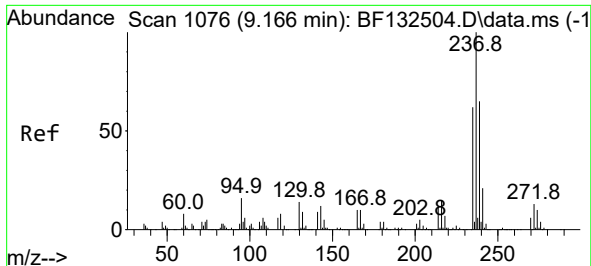
Tgt Ion:164 Resp: 359553
Ion Ratio Lower Upper
164 100
162 100.4 79.8 119.8
160 45.4 35.8 53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.405 ng
RT: 9.157 min Scan# 1117
Delta R.T. -0.000 min
Lab File: BF132685.D
Acq: 07 Mar 2023 19:06

Tgt Ion:216 Resp: 510604
Ion Ratio Lower Upper
216 100
214 79.7 63.0 94.6
179 20.2 16.6 24.8
108 19.4 15.4 23.0

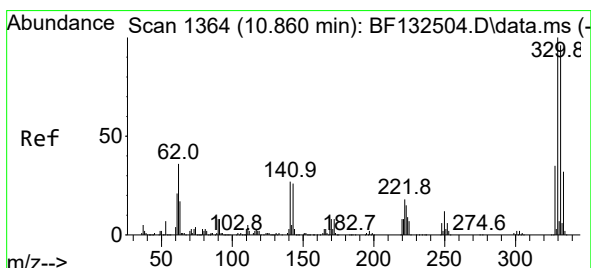
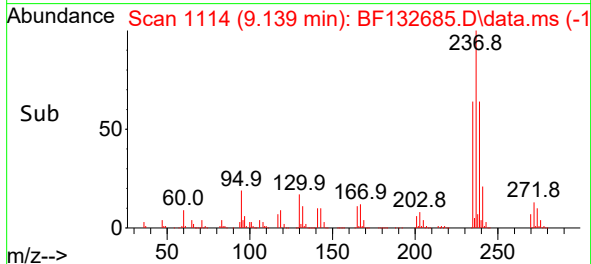
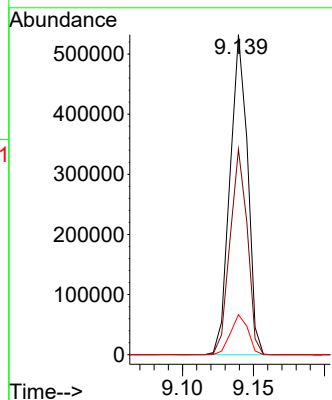
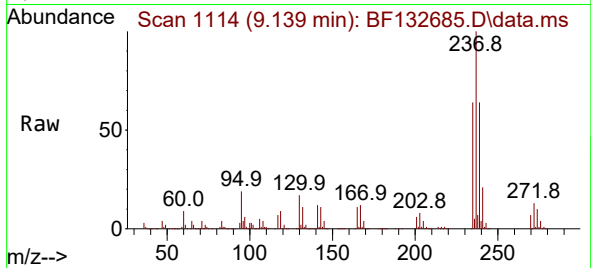




#41
Hexachlorocyclopentadiene
Concen: 71.639 ng
RT: 9.139 min Scan# 1114
Delta R.T. -0.000 min
Lab File: BF132685.D
Acq: 07 Mar 2023 19:06

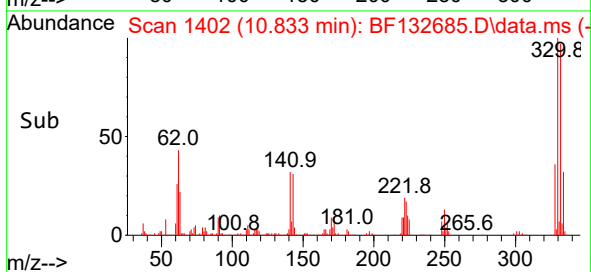
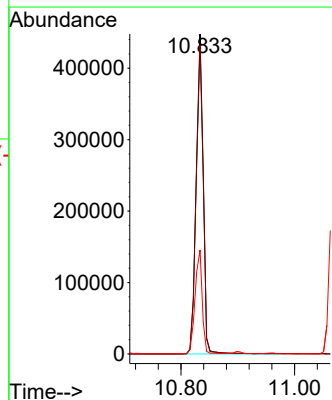
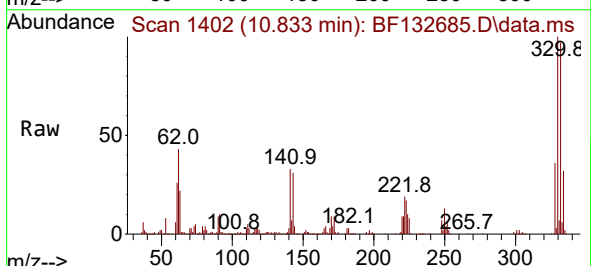
Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306MSD

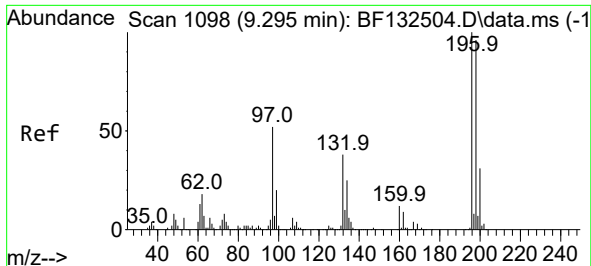
Tgt Ion:237 Resp: 457092
Ion Ratio Lower Upper
237 100
235 64.2 42.4 82.4
272 12.5 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 100.805 ng
RT: 10.833 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BF132685.D
Acq: 07 Mar 2023 19:06

Tgt Ion:330 Resp: 391429
Ion Ratio Lower Upper
330 100
332 95.8 76.2 114.4
141 32.9 28.4 42.6





#43

2,4,6-Trichlorophenol

Concen: 43.745 ng

RT: 9.269 min Scan# 1136

Delta R.T. -0.000 min

Lab File: BF132685.D

Acq: 07 Mar 2023 19:06

Instrument :

BNA_F

ClientSampleId :

HH-TP1-0306MSD

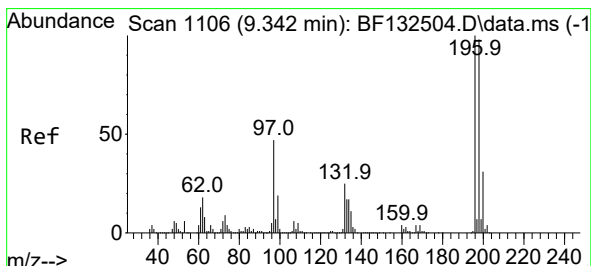
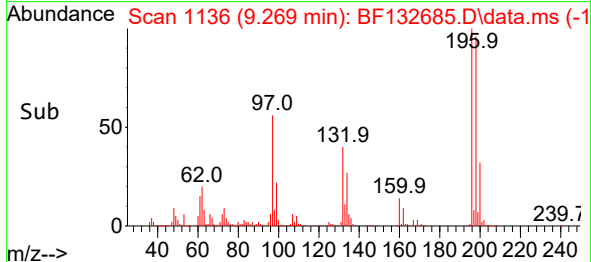
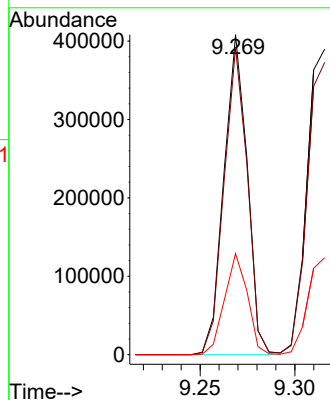
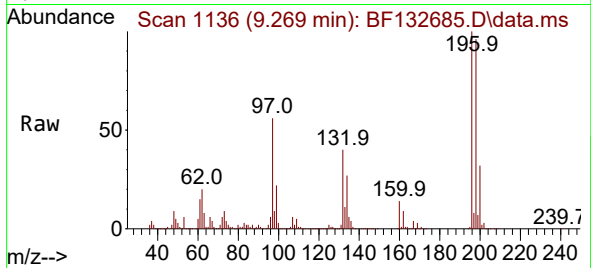
Tgt Ion:196 Resp: 348747

Ion Ratio Lower Upper

196 100

198 96.0 77.1 115.7

200 31.6 25.0 37.4



#44

2,4,5-Trichlorophenol

Concen: 39.639 ng

RT: 9.316 min Scan# 1144

Delta R.T. 0.006 min

Lab File: BF132685.D

Acq: 07 Mar 2023 19:06

Tgt Ion:196 Resp: 368828

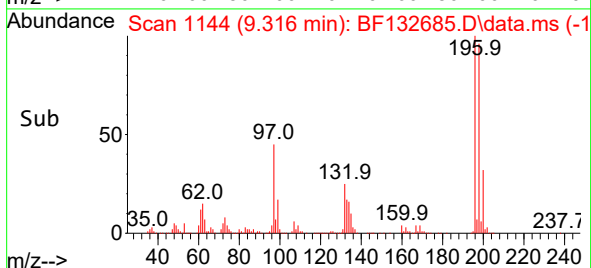
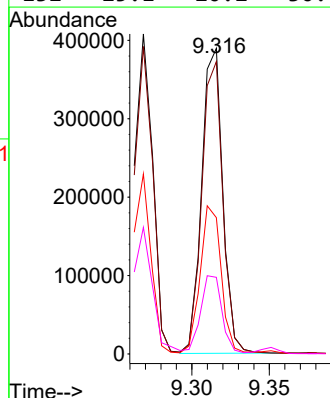
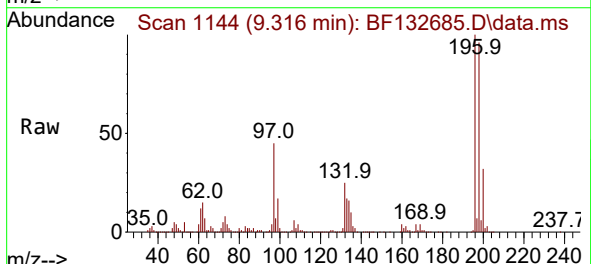
Ion Ratio Lower Upper

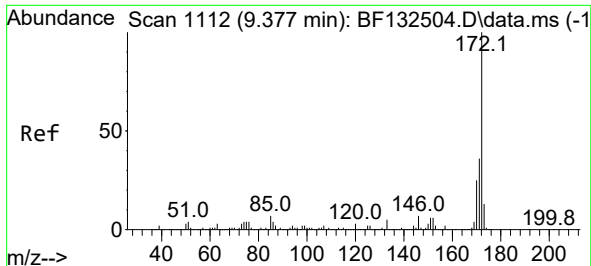
196 100

198 95.6 78.3 117.5

97 44.6 38.1 57.1

132 25.1 20.2 30.4





#45

2-Fluorobiphenyl

Concen: 60.594 ng

RT: 9.351 min Scan# 1115

Delta R.T. -0.006 min

Lab File: BF132685.D

Acq: 07 Mar 2023 19:06

Instrument :

BNA_F

ClientSampleId :

HH-TP1-0306MSD

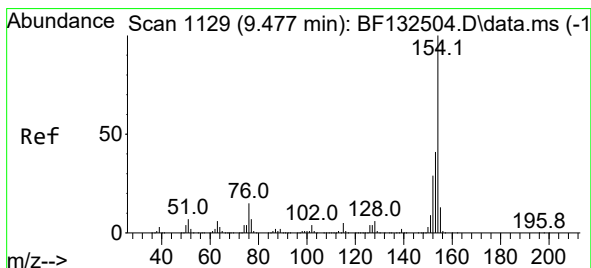
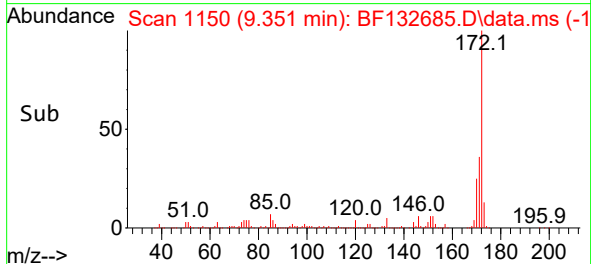
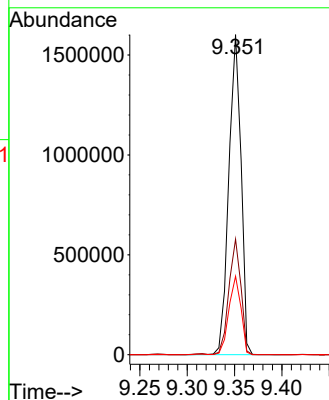
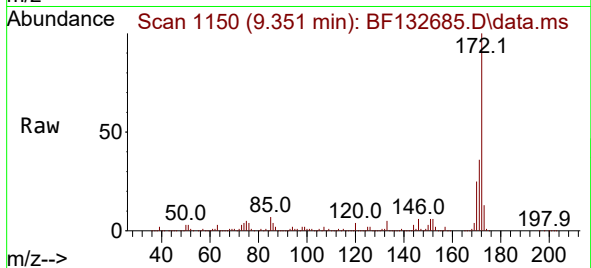
Tgt Ion:172 Resp: 1430823

Ion Ratio Lower Upper

172 100

171 36.1 28.8 43.2

170 24.5 19.7 29.5



#46

1,1'-Biphenyl

Concen: 42.015 ng

RT: 9.457 min Scan# 1168

Delta R.T. -0.000 min

Lab File: BF132685.D

Acq: 07 Mar 2023 19:06

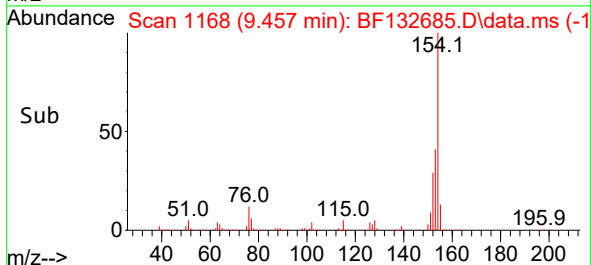
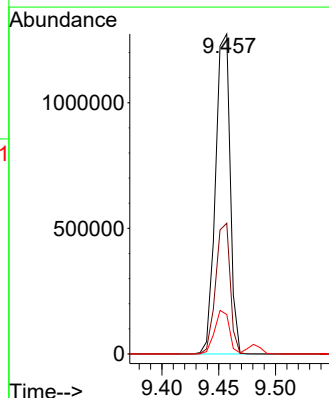
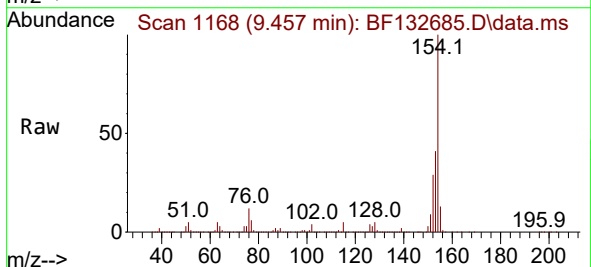
Tgt Ion:154 Resp: 1143402

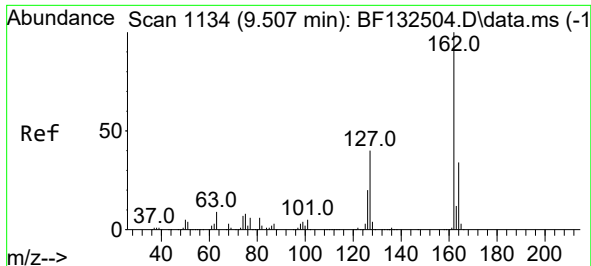
Ion Ratio Lower Upper

154 100

153 40.9 20.9 60.9

76 12.4 0.0 34.7

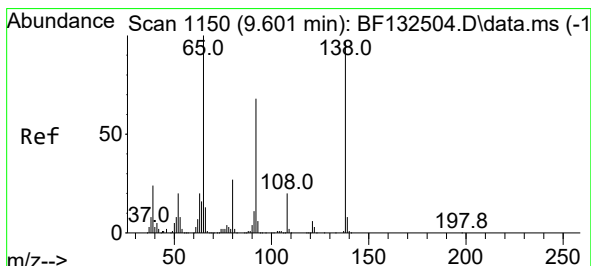
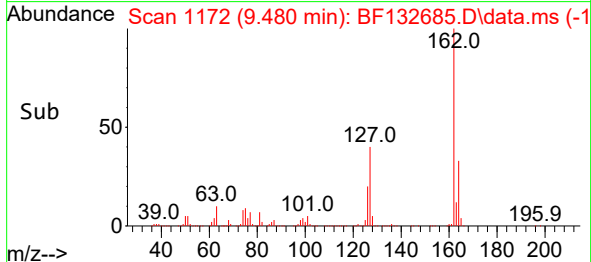
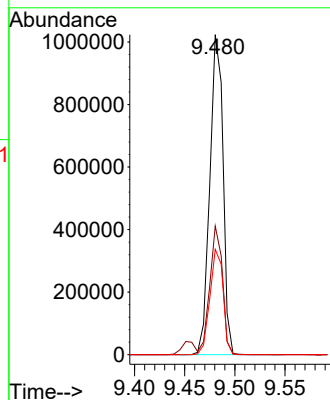
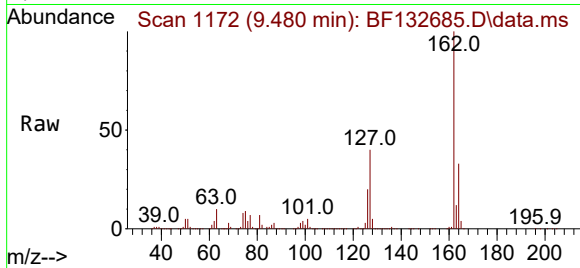




#47
2-Chloronaphthalene
Concen: 43.535 ng
RT: 9.480 min Scan# 1134
Delta R.T. -0.006 min
Lab File: BF132685.D
Acq: 07 Mar 2023 19:06

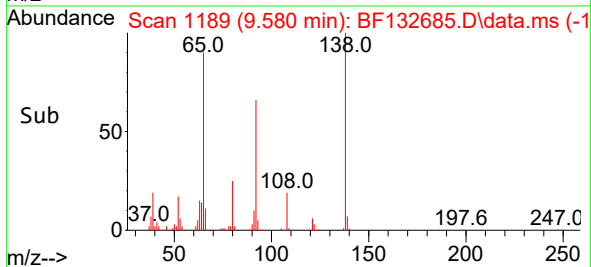
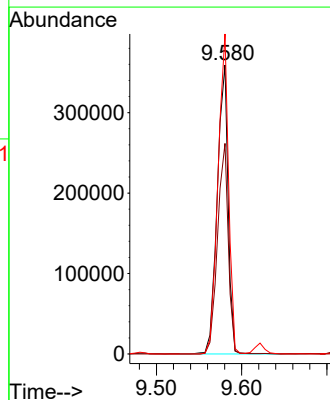
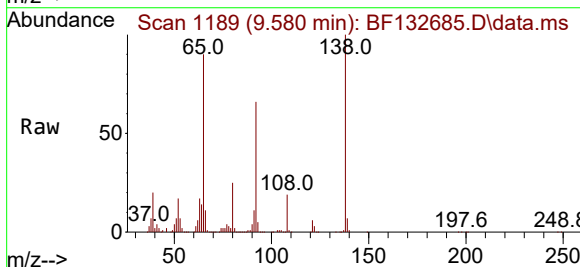
Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306MSD

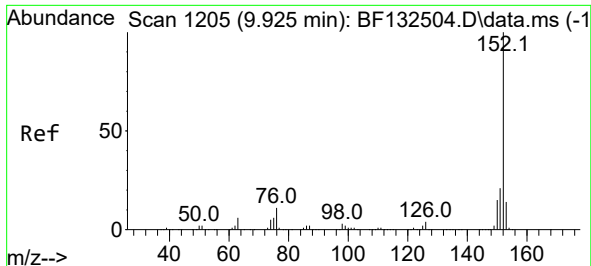
Tgt Ion:162 Resp: 939330
Ion Ratio Lower Upper
162 100
127 40.2 32.3 48.5
164 32.9 26.9 40.3



#48
2-Nitroaniline
Concen: 40.055 ng
RT: 9.580 min Scan# 1189
Delta R.T. -0.000 min
Lab File: BF132685.D
Acq: 07 Mar 2023 19:06

Tgt Ion: 65 Resp: 318307
Ion Ratio Lower Upper
65 100
92 72.9 54.5 81.7
138 110.8 77.2 115.8

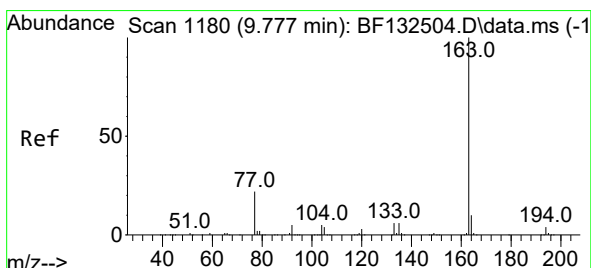
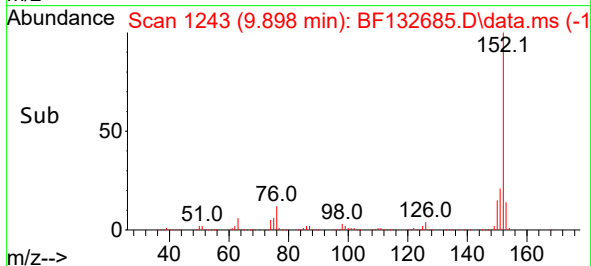
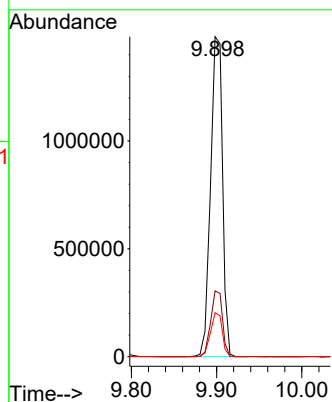
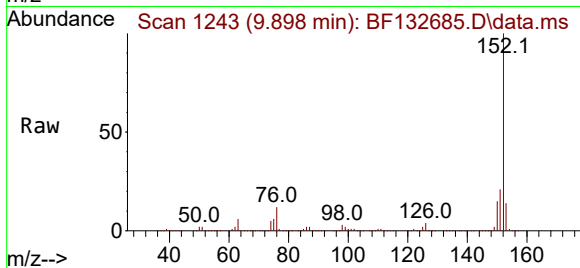




#49
Acenaphthylene
Concen: 42.249 ng
RT: 9.898 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF132685.D
Acq: 07 Mar 2023 19:06

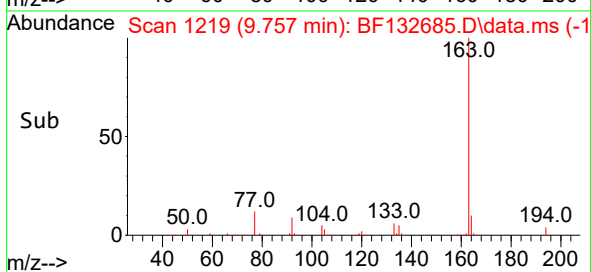
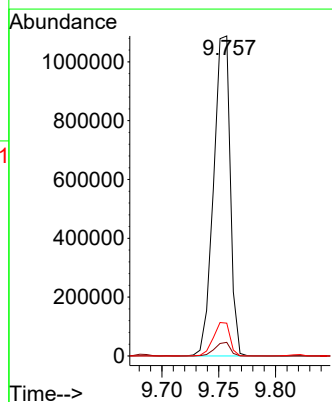
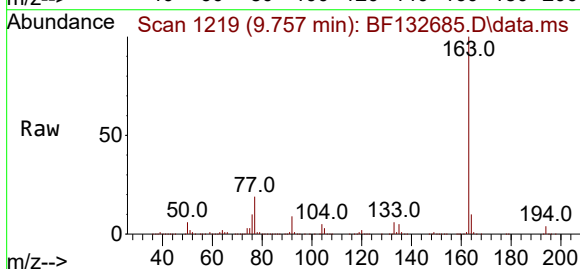
Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306MSD

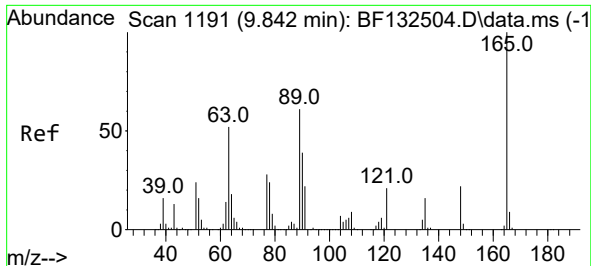
Tgt Ion:152 Resp: 1450789
Ion Ratio Lower Upper
152 100
151 20.5 16.4 24.6
153 13.8 11.0 16.6



#50
Dimethylphthalate
Concen: 42.355 ng
RT: 9.757 min Scan# 1219
Delta R.T. -0.000 min
Lab File: BF132685.D
Acq: 07 Mar 2023 19:06

Tgt Ion:163 Resp: 1108843
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.2 8.3 12.5

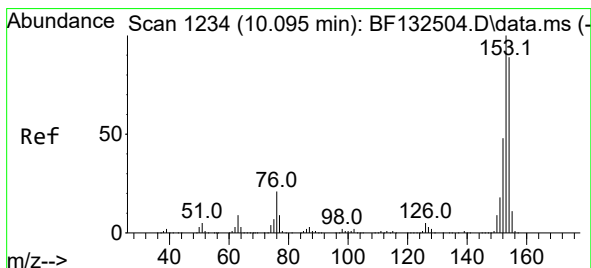
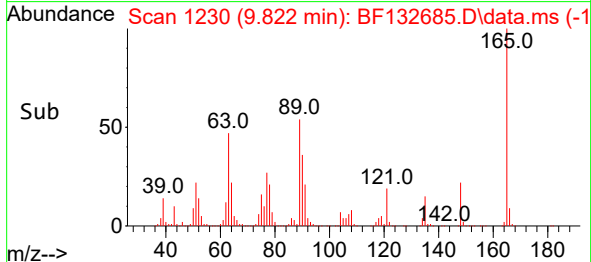
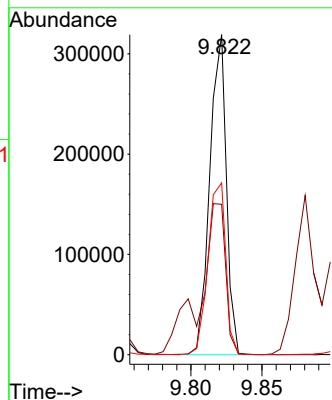
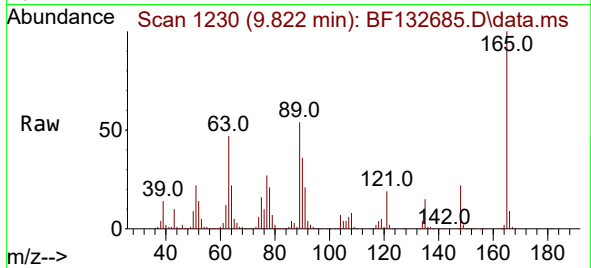




#51
2,6-Dinitrotoluene
Concen: 43.396 ng
RT: 9.822 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BF132685.D
Acq: 07 Mar 2023 19:06

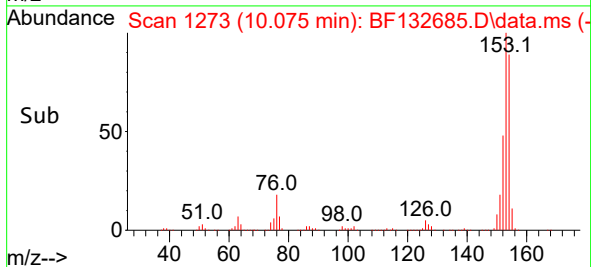
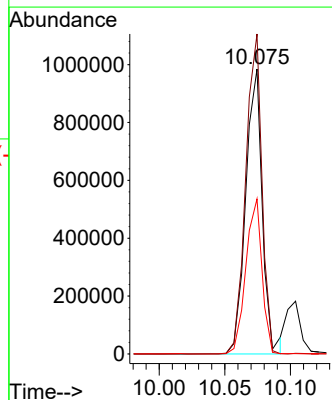
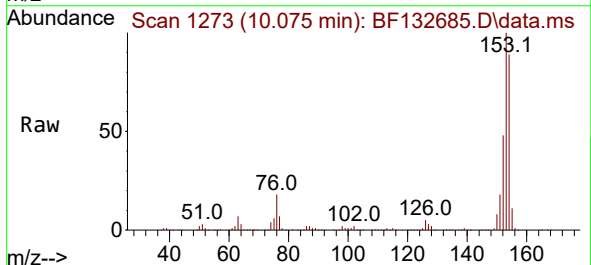
Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306MSD

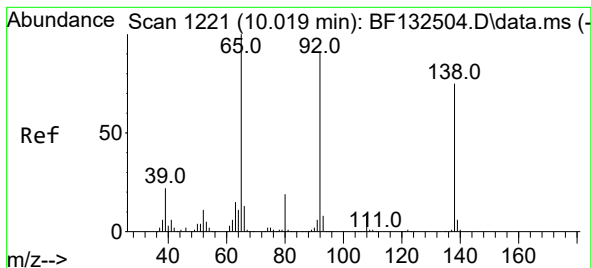
Tgt Ion:165 Resp: 258734
Ion Ratio Lower Upper
165 100
63 47.0 47.3 70.9#
89 53.7 48.9 73.3



#52
Acenaphthene
Concen: 39.881 ng
RT: 10.075 min Scan# 1273
Delta R.T. -0.000 min
Lab File: BF132685.D
Acq: 07 Mar 2023 19:06

Tgt Ion:154 Resp: 869603
Ion Ratio Lower Upper
154 100
153 112.3 89.8 134.8
152 54.4 43.3 64.9

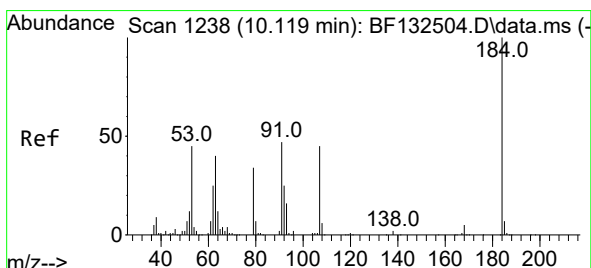
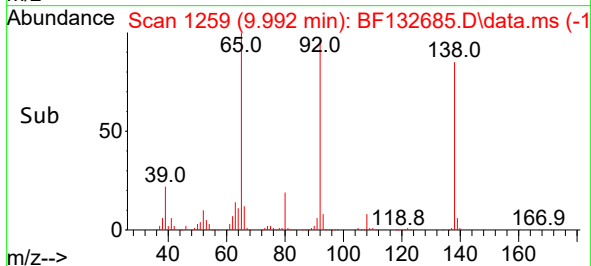
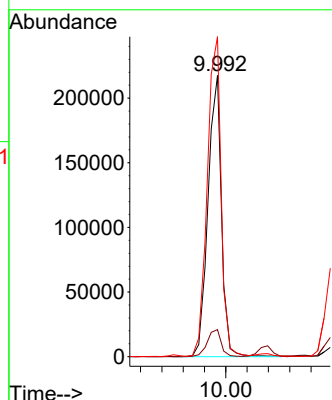
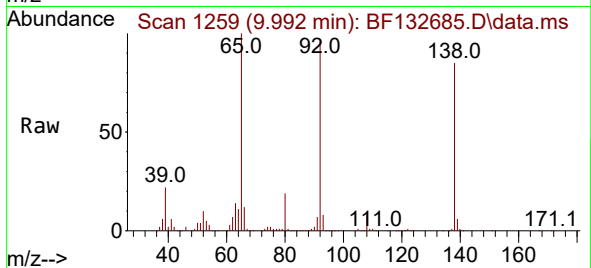




#53
3-Nitroaniline
Concen: 28.712 ng
RT: 9.992 min Scan# 1259
Delta R.T. -0.006 min
Lab File: BF132685.D
Acq: 07 Mar 2023 19:06

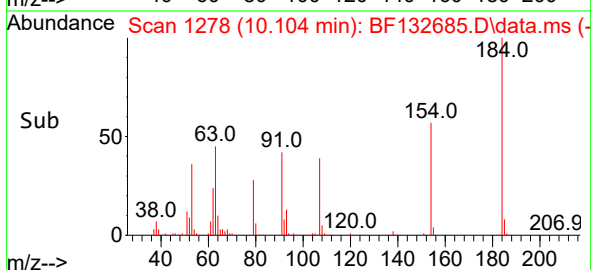
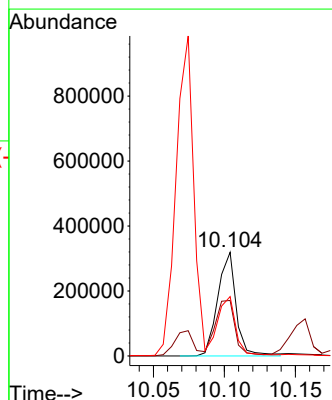
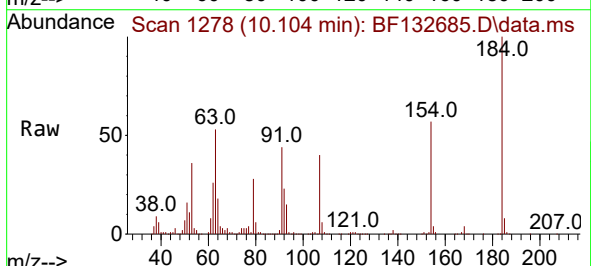
Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306MSD

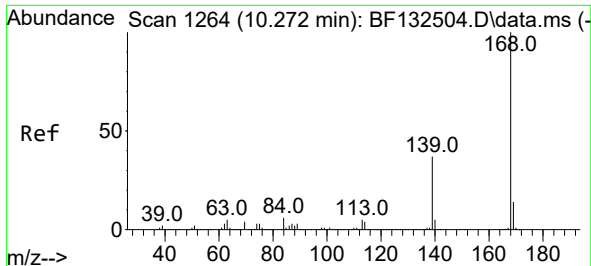
Tgt Ion:138 Resp: 191495
Ion Ratio Lower Upper
138 100
108 9.6 8.1 12.1
92 113.8 97.2 145.8



#54
2,4-Dinitrophenol
Concen: 76.847 ng
RT: 10.104 min Scan# 1278
Delta R.T. -0.000 min
Lab File: BF132685.D
Acq: 07 Mar 2023 19:06

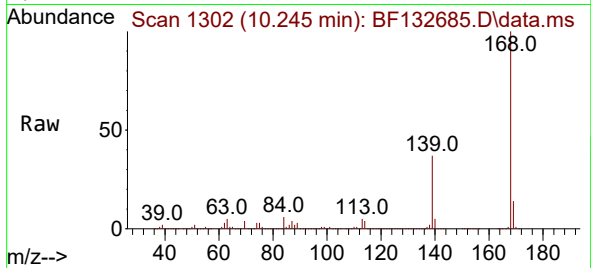
Tgt Ion:184 Resp: 288449
Ion Ratio Lower Upper
184 100
63 53.5 51.4 77.2
154 57.2 48.3 72.5



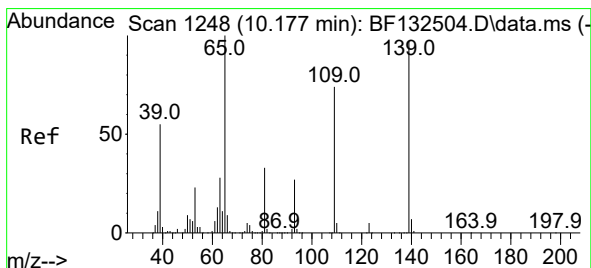
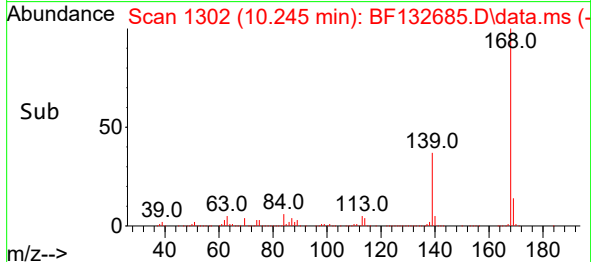
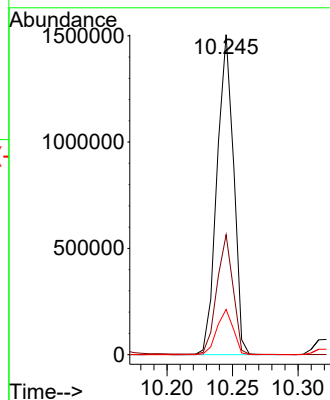


#55
Dibenzofuran
Concen: 41.476 ng
RT: 10.245 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132685.D
Acq: 07 Mar 2023 19:06

Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306MSD

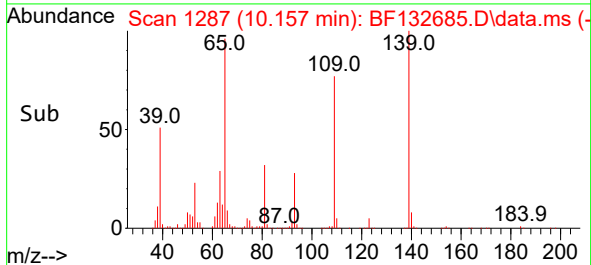
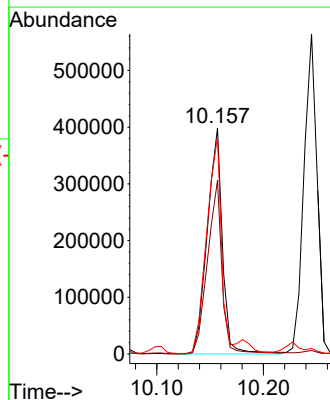
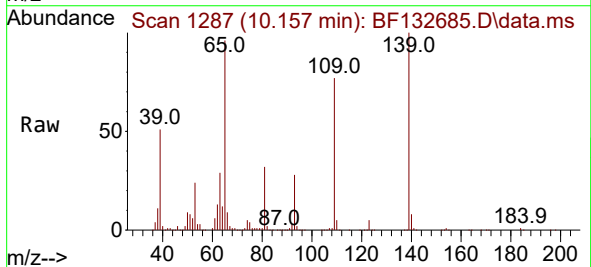


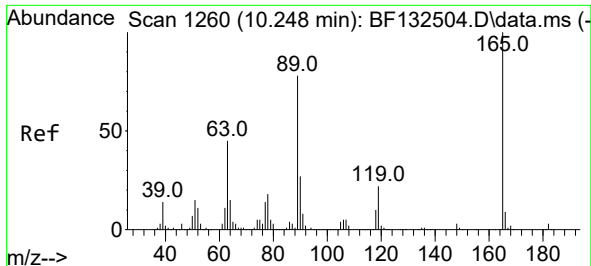
Tgt Ion:168 Resp: 1318465
Ion Ratio Lower Upper
168 100
139 37.5 29.8 44.6
169 14.2 10.9 16.3



#56
4-Nitrophenol
Concen: 79.203 ng
RT: 10.157 min Scan# 1287
Delta R.T. 0.006 min
Lab File: BF132685.D
Acq: 07 Mar 2023 19:06

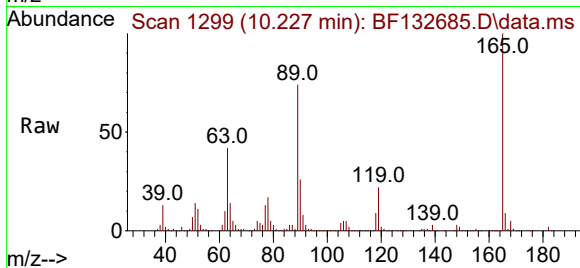
Tgt Ion:139 Resp: 393945
Ion Ratio Lower Upper
139 100
109 76.8 56.7 96.7
65 96.2 83.5 123.5



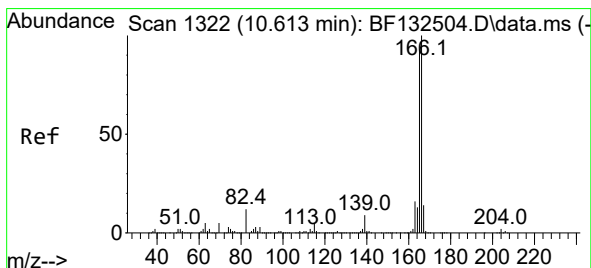
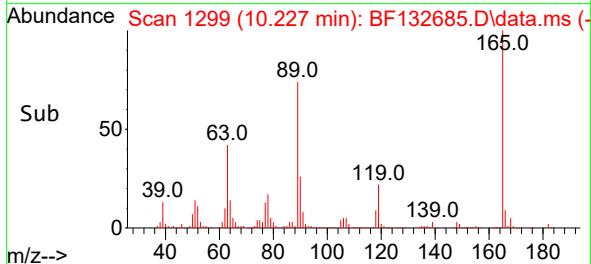
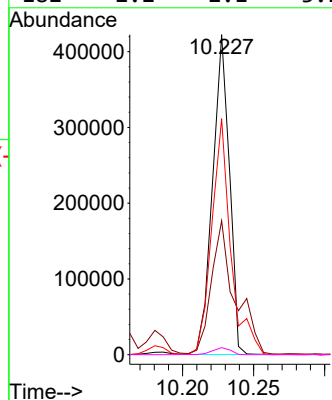


#57
2,4-Dinitrotoluene
Concen: 43.774 ng
RT: 10.227 min Scan# 1361
Delta R.T. -0.000 min
Lab File: BF132685.D
Acq: 07 Mar 2023 19:06

Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306MSD

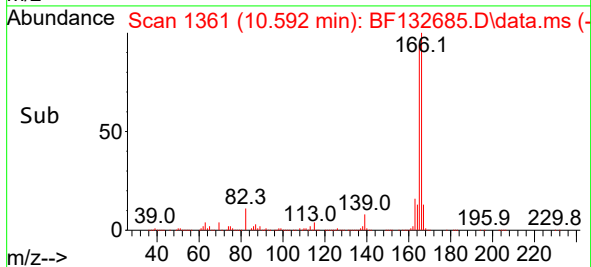
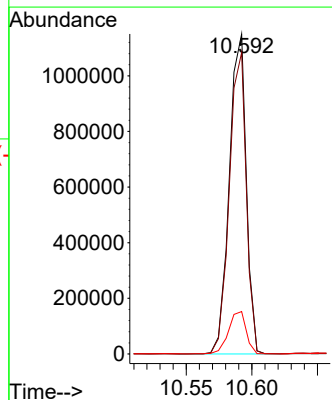
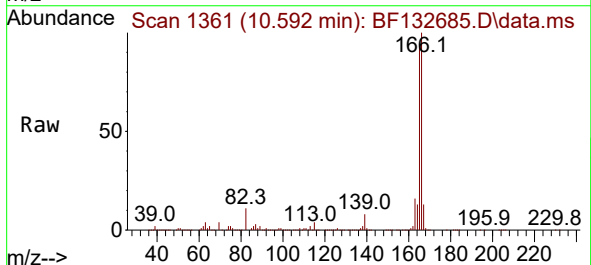


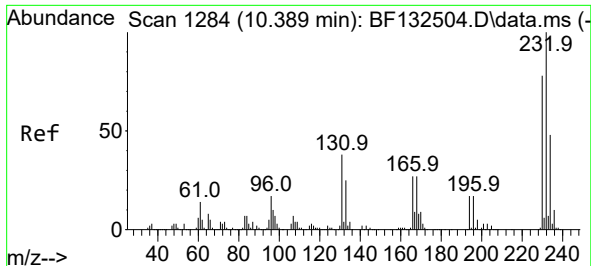
Tgt Ion:165 Resp: 347214
Ion Ratio Lower Upper
165 100
63 41.8 36.5 54.7
89 73.8 62.4 93.6
182 2.2 2.1 3.1



#58
Fluorene
Concen: 42.508 ng
RT: 10.592 min Scan# 1361
Delta R.T. -0.000 min
Lab File: BF132685.D
Acq: 07 Mar 2023 19:06

Tgt Ion:166 Resp: 1033578
Ion Ratio Lower Upper
166 100
165 94.2 74.2 111.4
167 13.2 11.1 16.7

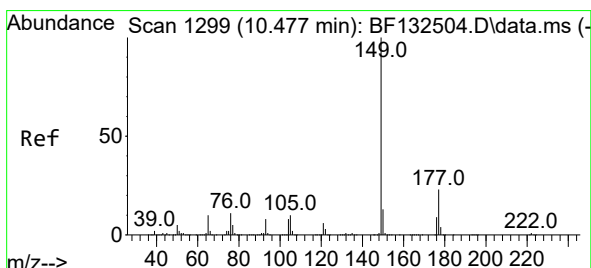
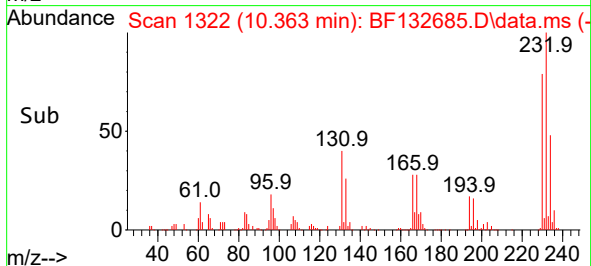
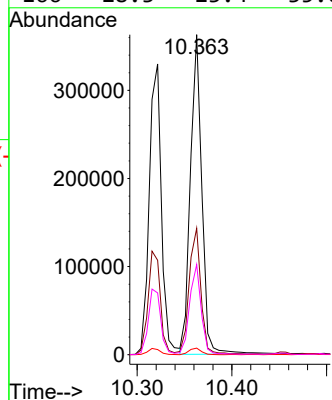
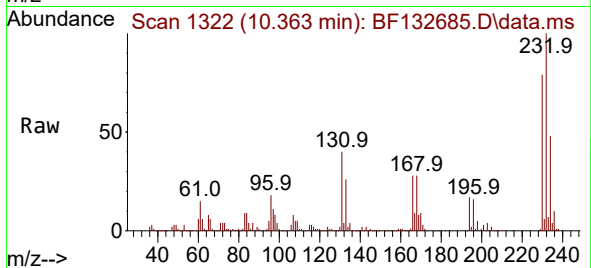




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.013 ng
RT: 10.363 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132685.D
Acq: 07 Mar 2023 19:06

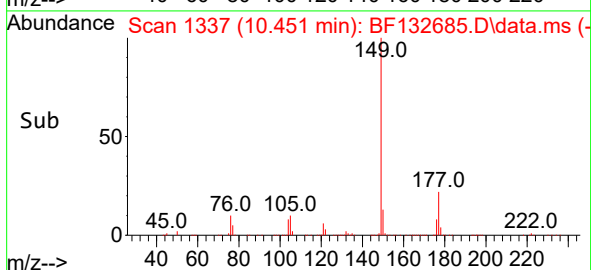
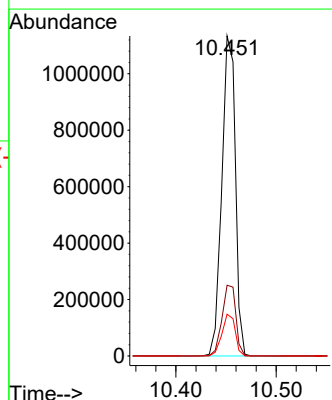
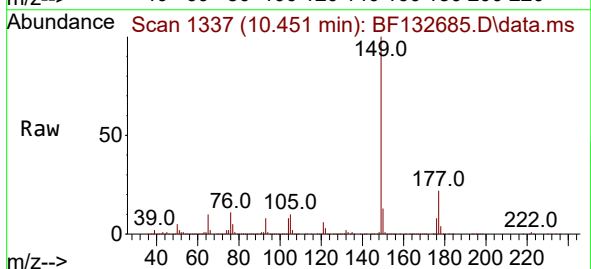
Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306MSD

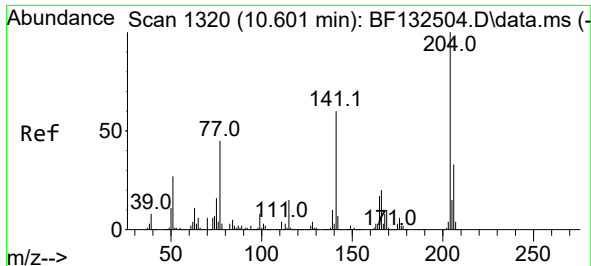
Tgt Ion:232 Resp: 304214
Ion Ratio Lower Upper
232 100
131 40.5 33.8 50.8
130 2.2 1.7 2.5
166 28.3 23.4 35.0



#60
Diethylphthalate
Concen: 41.473 ng
RT: 10.451 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF132685.D
Acq: 07 Mar 2023 19:06

Tgt Ion:149 Resp: 1060406
Ion Ratio Lower Upper
149 100
177 22.1 18.1 27.1
150 13.1 10.2 15.2

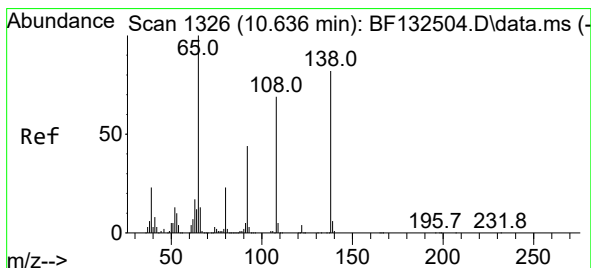
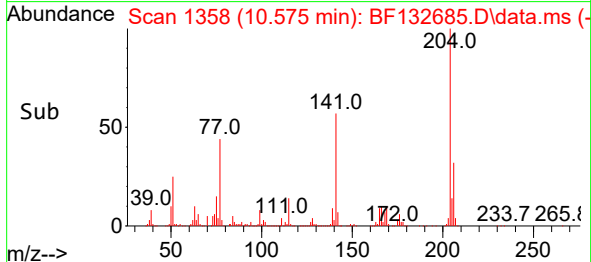
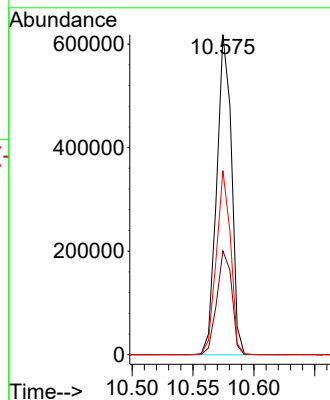
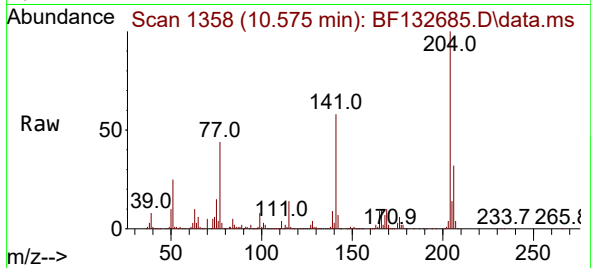




#61
4-Chlorophenyl-phenylether
Concen: 41.439 ng
RT: 10.575 min Scan# 1358
Delta R.T. -0.006 min
Lab File: BF132685.D
Acq: 07 Mar 2023 19:06

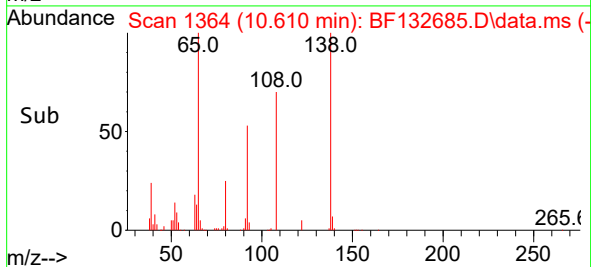
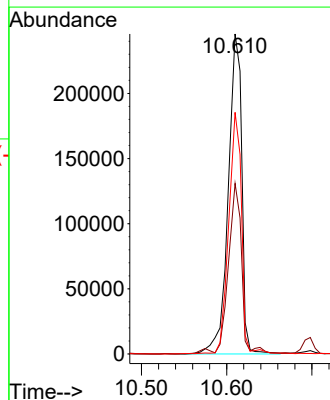
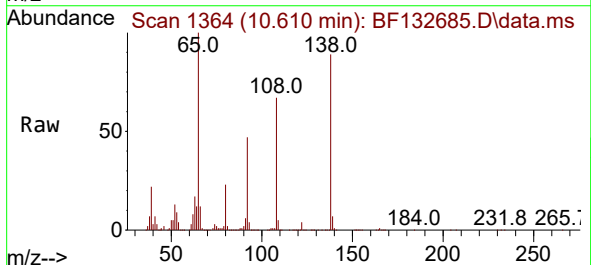
Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306MSD

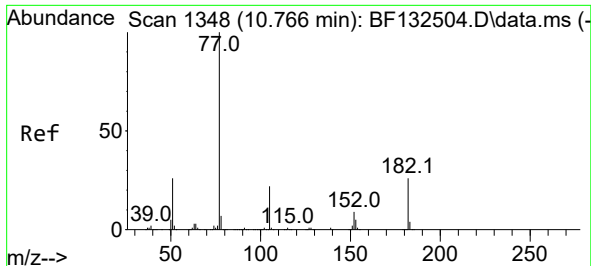
Tgt Ion:204 Resp: 522708
Ion Ratio Lower Upper
204 100
206 32.4 26.3 39.5
141 57.5 47.8 71.8



#62
4-Nitroaniline
Concen: 41.419 ng
RT: 10.610 min Scan# 1364
Delta R.T. -0.006 min
Lab File: BF132685.D
Acq: 07 Mar 2023 19:06

Tgt Ion:138 Resp: 271165
Ion Ratio Lower Upper
138 100
92 53.3 33.8 73.8
108 75.5 63.7 103.7

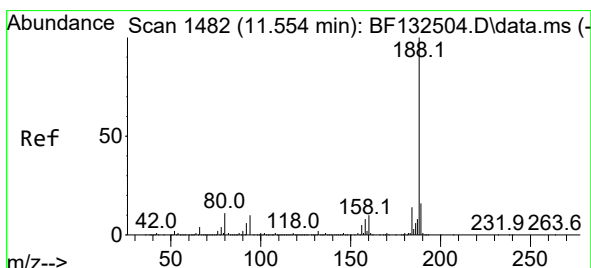
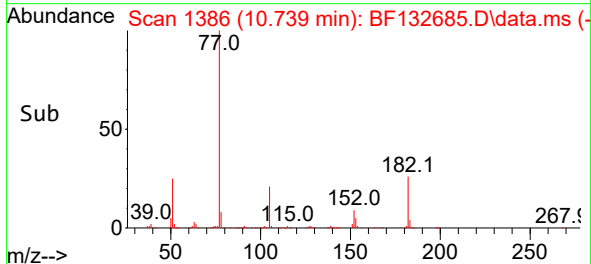
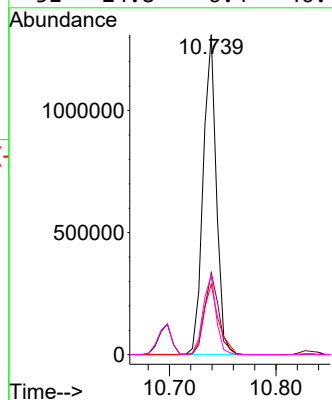
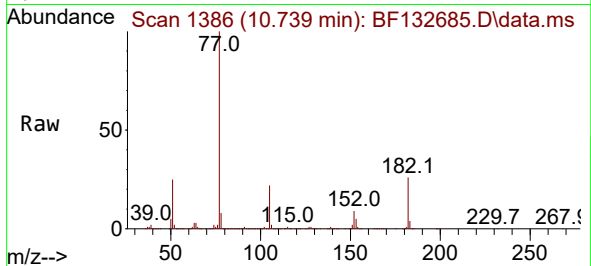




#63
Azobenzene
Concen: 41.599 ng
RT: 10.739 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132685.D
Acq: 07 Mar 2023 19:06

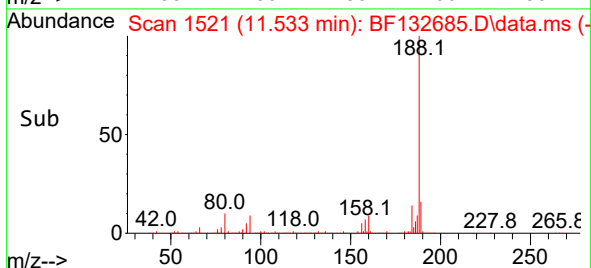
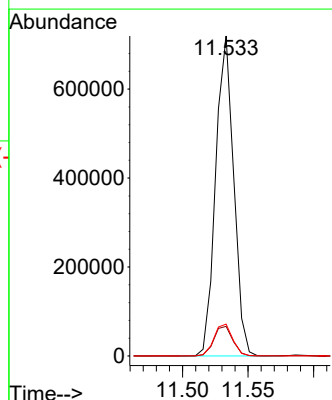
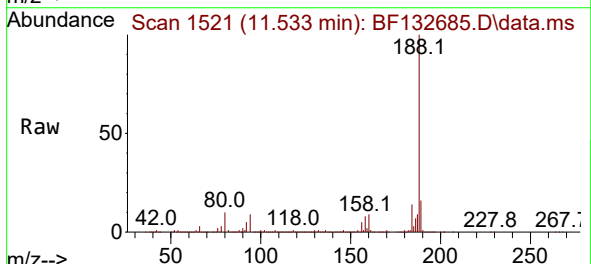
Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306MSD

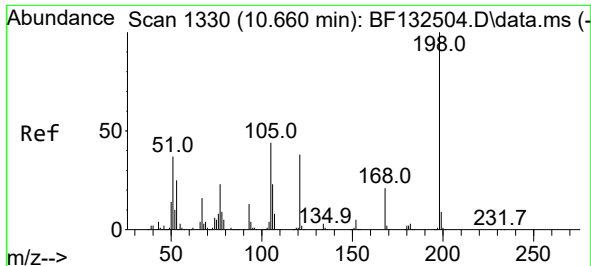
Tgt Ion: 77 Resp: 1126452
Ion Ratio Lower Upper
77 100
182 25.6 5.5 45.5
105 22.0 1.8 41.8
51 24.8 6.4 46.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.533 min Scan# 1521
Delta R.T. -0.000 min
Lab File: BF132685.D
Acq: 07 Mar 2023 19:06

Tgt Ion: 188 Resp: 687724
Ion Ratio Lower Upper
188 100
94 9.2 8.3 12.5
80 10.0 8.7 13.1

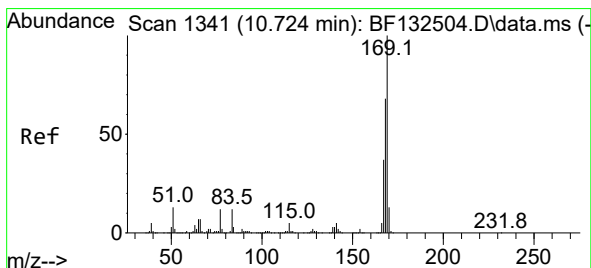
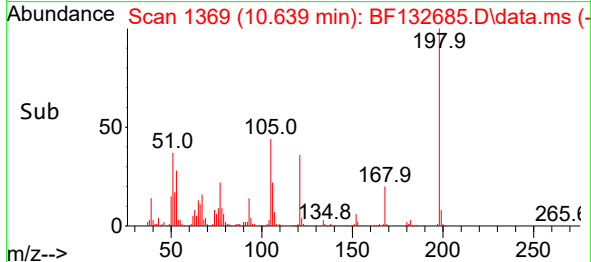
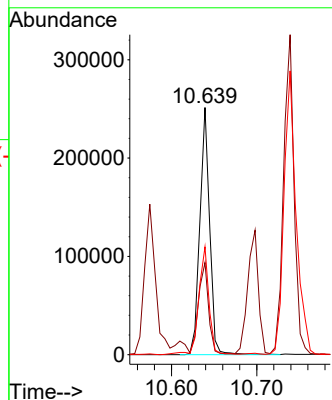
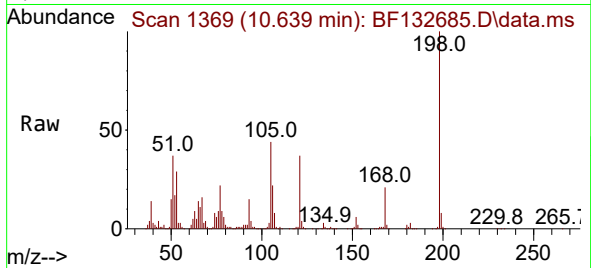




#65
4,6-Dinitro-2-methylphenol
Concen: 43.254 ng
RT: 10.639 min Scan# 1369
Delta R.T. -0.006 min
Lab File: BF132685.D
Acq: 07 Mar 2023 19:06

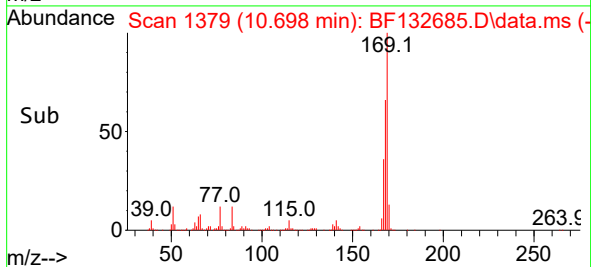
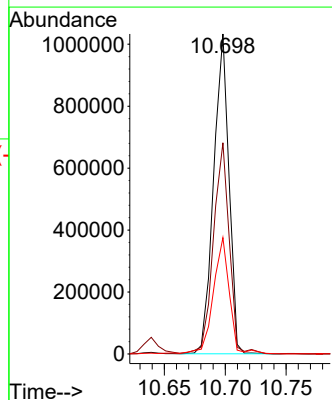
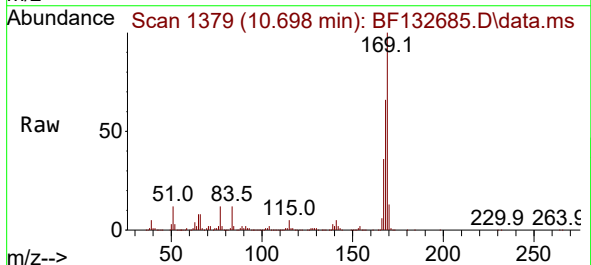
Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306MSD

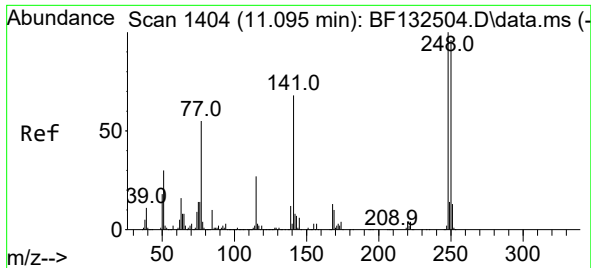
Tgt Ion:198 Resp: 201369
Ion Ratio Lower Upper
198 100
51 37.3 20.6 60.6
105 43.6 24.3 64.3



#66
n-Nitrosodiphenylamine
Concen: 42.092 ng
RT: 10.698 min Scan# 1379
Delta R.T. -0.000 min
Lab File: BF132685.D
Acq: 07 Mar 2023 19:06

Tgt Ion:169 Resp: 902458
Ion Ratio Lower Upper
169 100
168 66.0 54.2 81.4
167 36.3 29.6 44.4

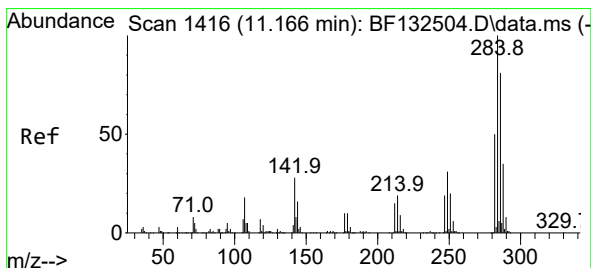
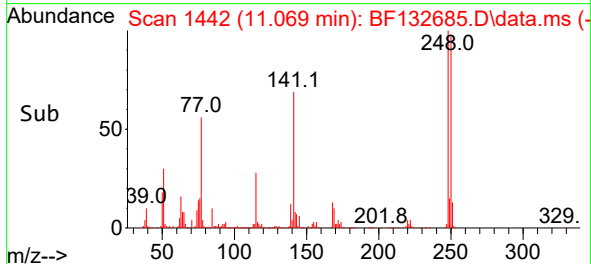
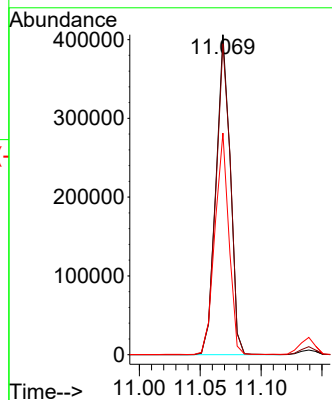
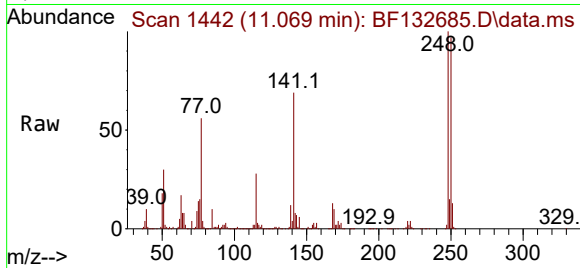




#67
4-Bromophenyl-phenylether
Concen: 42.639 ng
RT: 11.069 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF132685.D
Acq: 07 Mar 2023 19:06

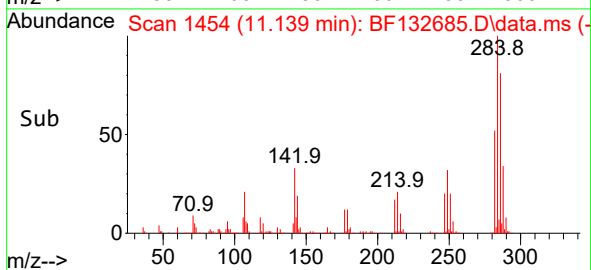
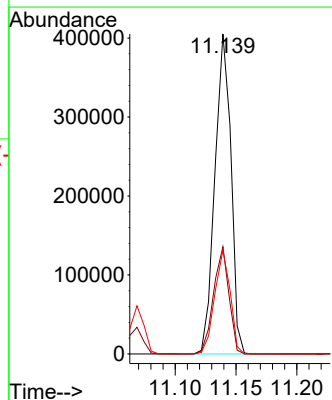
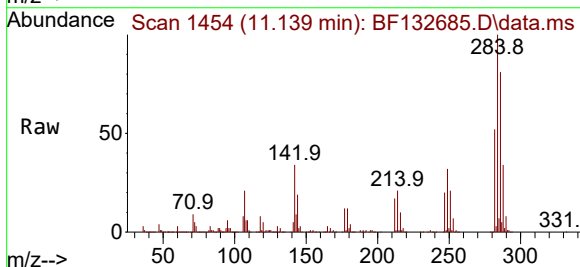
Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306MSD

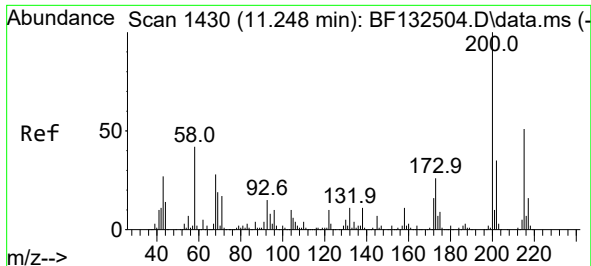
Tgt Ion:248 Resp: 331700
Ion Ratio Lower Upper
248 100
250 97.2 77.0 115.4
141 69.2 54.2 81.2



#68
Hexachlorobenzene
Concen: 45.414 ng
RT: 11.139 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF132685.D
Acq: 07 Mar 2023 19:06

Tgt Ion:284 Resp: 371737
Ion Ratio Lower Upper
284 100
142 33.5 22.2 33.4#
249 32.4 24.9 37.3

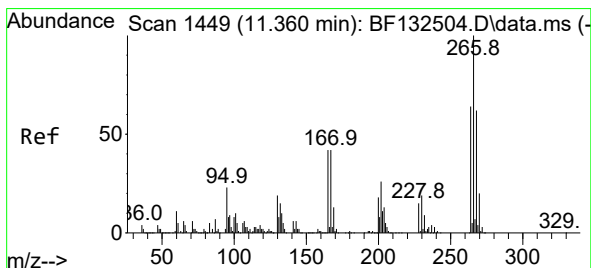
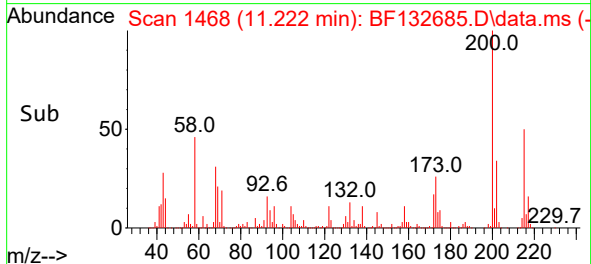
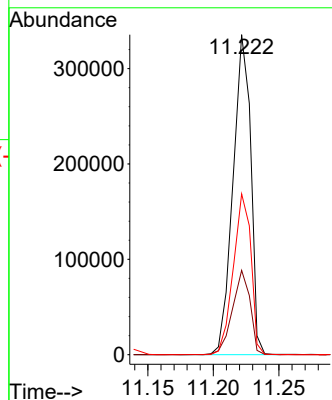
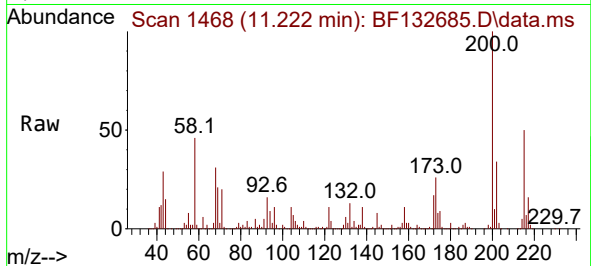




#69
 Atrazine
 Concen: 47.151 ng
 RT: 11.222 min Scan# 1468
 Delta R.T. -0.000 min
 Lab File: BF132685.D
 Acq: 07 Mar 2023 19:06

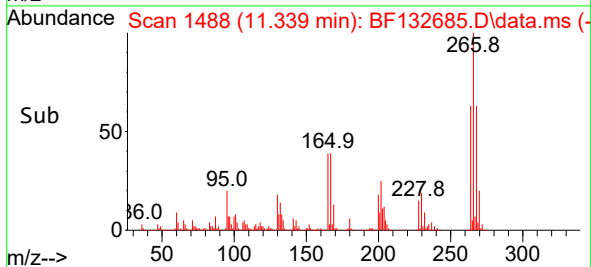
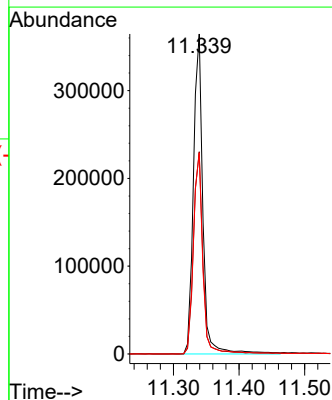
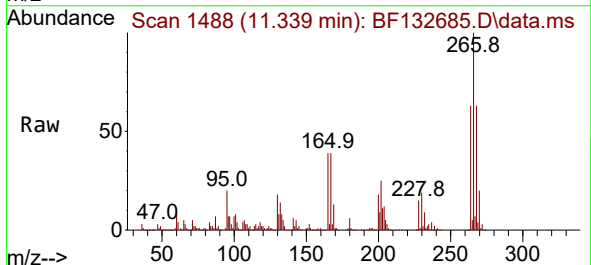
Instrument :
 BNA_F
 ClientSampleId :
 HH-TP1-0306MSD

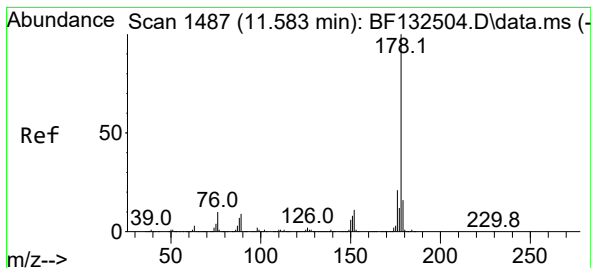
Tgt Ion:200 Resp: 315603
 Ion Ratio Lower Upper
 200 100
 173 26.4 6.4 46.4
 215 50.3 31.0 71.0



#70
 Pentachlorophenol
 Concen: 74.997 ng
 RT: 11.339 min Scan# 1488
 Delta R.T. -0.000 min
 Lab File: BF132685.D
 Acq: 07 Mar 2023 19:06

Tgt Ion:266 Resp: 365245
 Ion Ratio Lower Upper
 266 100
 268 63.2 49.8 74.6
 264 62.9 50.9 76.3





#71

Phenanthrene

Concen: 58.169 ng

RT: 11.563 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF132685.D

Acq: 07 Mar 2023 19:06

Instrument :

BNA_F

ClientSampleId :

HH-TP1-0306MSD

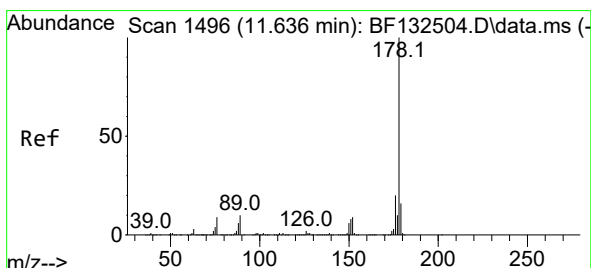
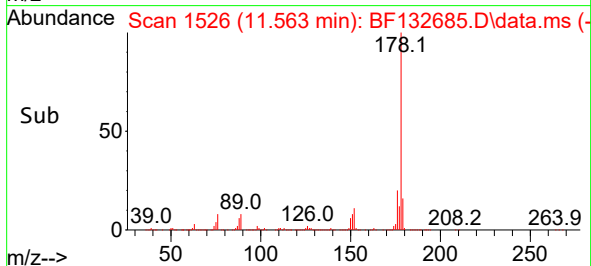
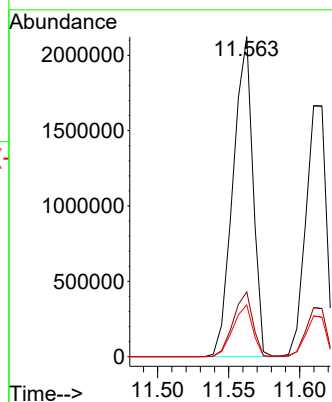
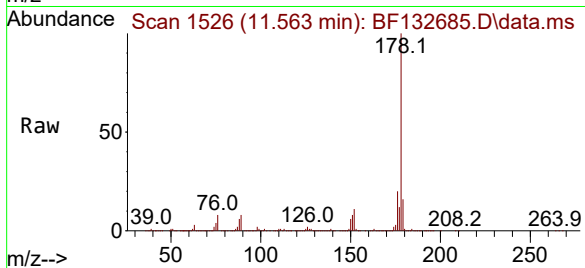
Tgt Ion:178 Resp: 2072401

Ion Ratio Lower Upper

178 100

176 20.2 16.5 24.7

179 16.2 13.0 19.6



#72

Anthracene

Concen: 45.676 ng

RT: 11.610 min Scan# 1534

Delta R.T. -0.006 min

Lab File: BF132685.D

Acq: 07 Mar 2023 19:06

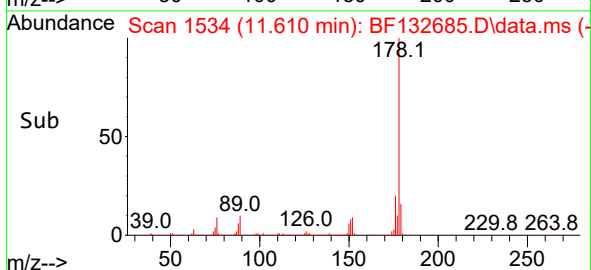
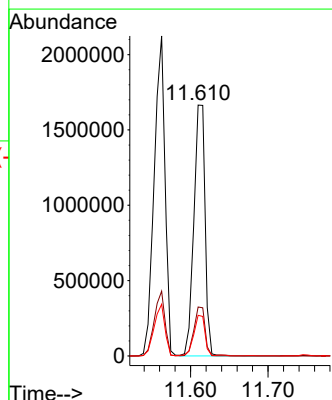
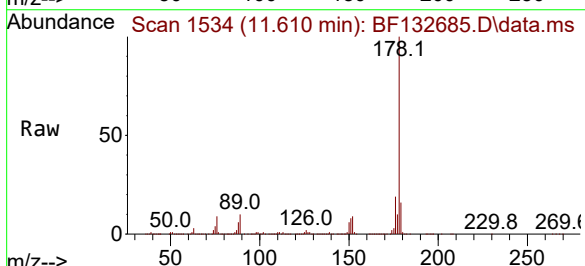
Tgt Ion:178 Resp: 1675759

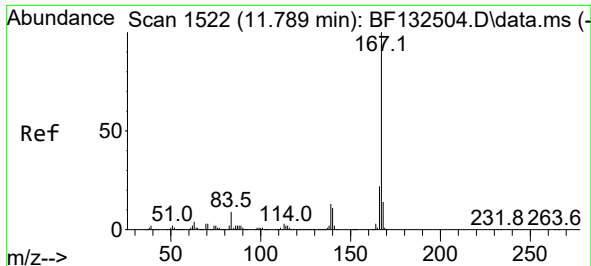
Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

179 16.2 12.5 18.7

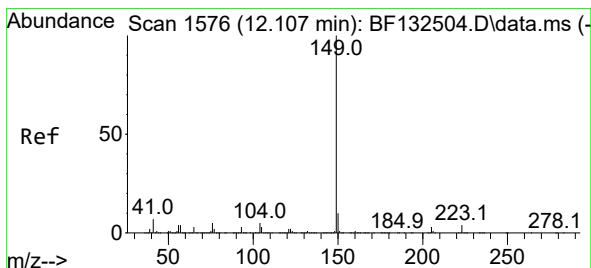
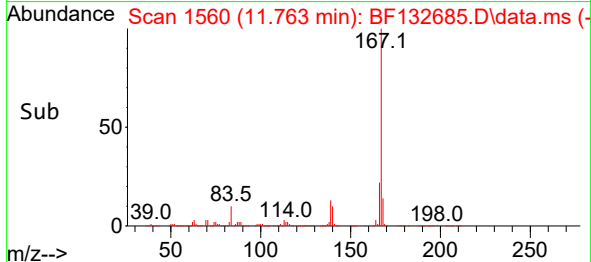
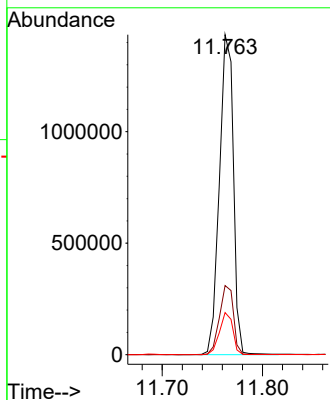
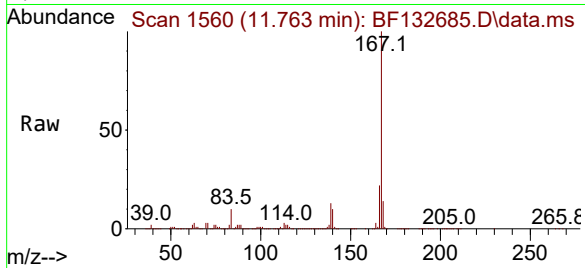




#73
 Carbazole
 Concen: 41.855 ng
 RT: 11.763 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF132685.D
 Acq: 07 Mar 2023 19:06

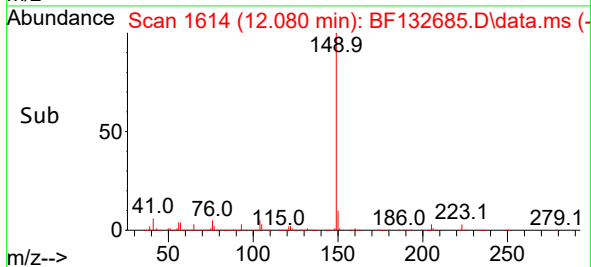
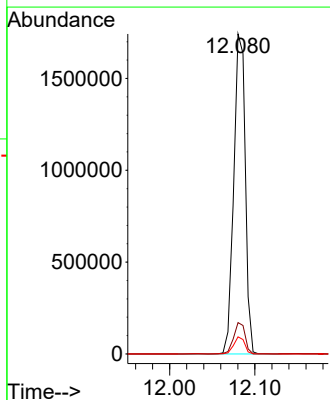
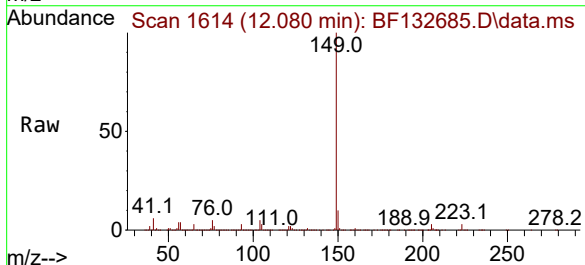
Instrument :
 BNA_F
 ClientSampleId :
 HH-TP1-0306MSD

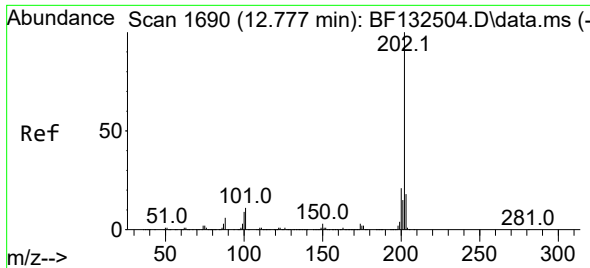
Tgt Ion:167 Resp: 1384495
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.7 26.5
 139 13.1 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 42.247 ng
 RT: 12.080 min Scan# 1614
 Delta R.T. -0.006 min
 Lab File: BF132685.D
 Acq: 07 Mar 2023 19:06

Tgt Ion:149 Resp: 1639212
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.8 11.8
 104 5.4 4.3 6.5

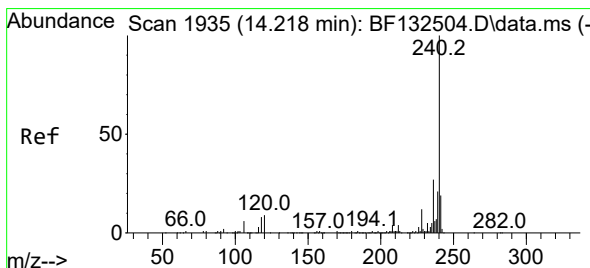
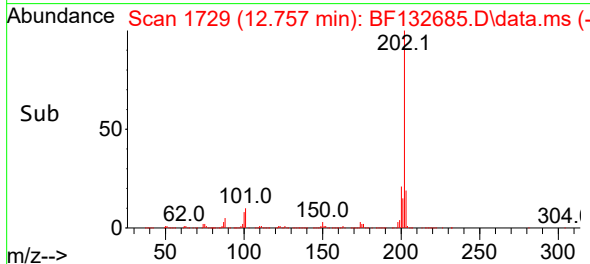
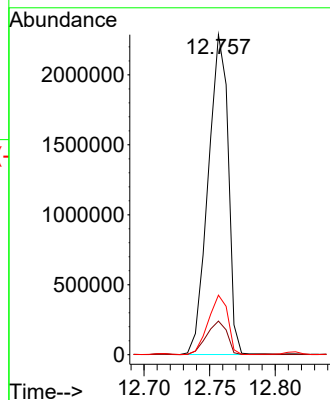
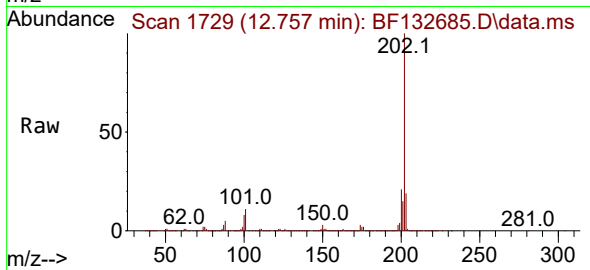




#75
Fluoranthene
Concen: 62.335 ng
RT: 12.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132685.D
Acq: 07 Mar 2023 19:06

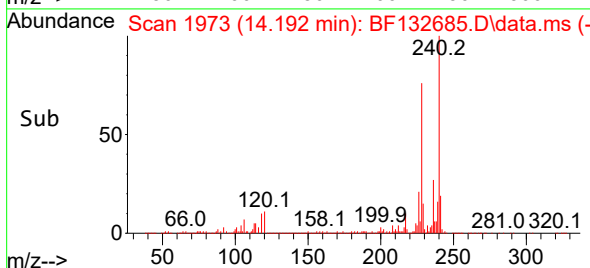
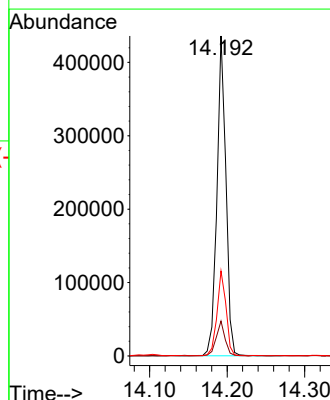
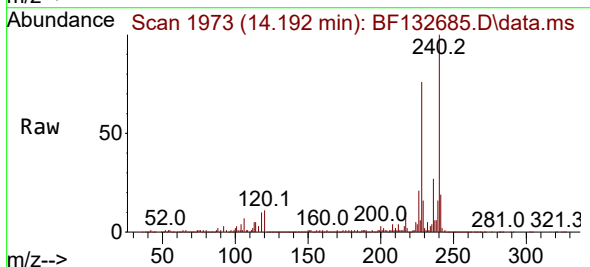
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BNA_F
ClientSampleId :
HH-TP1-0306MSD

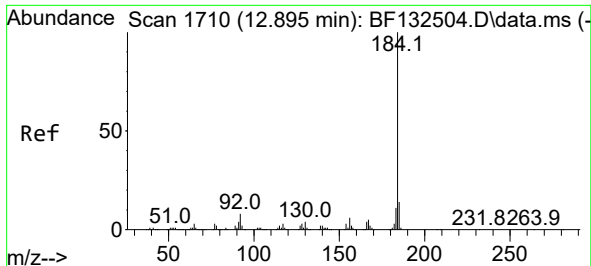
Tgt Ion:202 Resp: 2427849
Ion Ratio Lower Upper
202 100
101 10.5 0.0 31.4
203 18.6 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.192 min Scan# 1973
Delta R.T. -0.006 min
Lab File: BF132685.D
Acq: 07 Mar 2023 19:06

Tgt Ion:240 Resp: 351915
Ion Ratio Lower Upper
240 100
120 10.9 7.2 10.8#
236 26.6 21.8 32.6

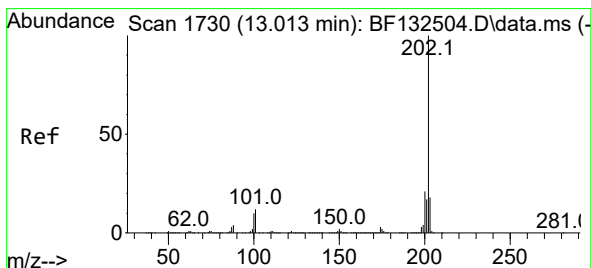
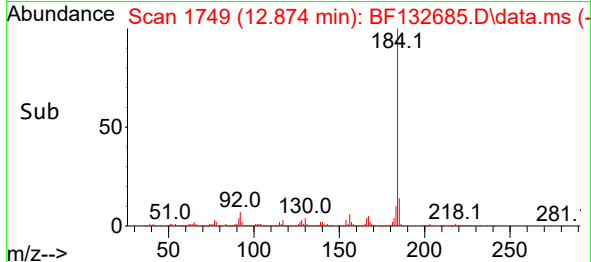
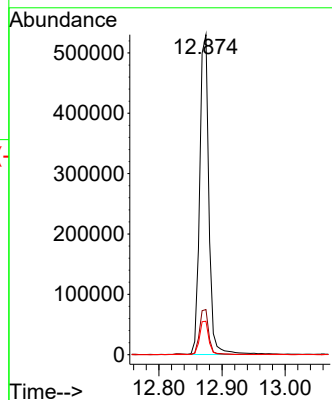
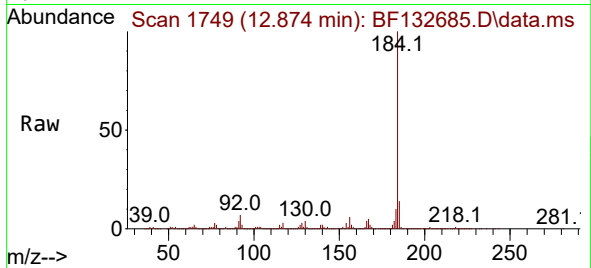




#77
Benzidine
Concen: 62.161 ng
RT: 12.874 min Scan# 1769
Delta R.T. -0.000 min
Lab File: BF132685.D
Acq: 07 Mar 2023 19:06

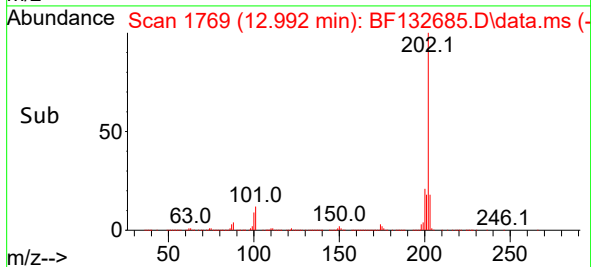
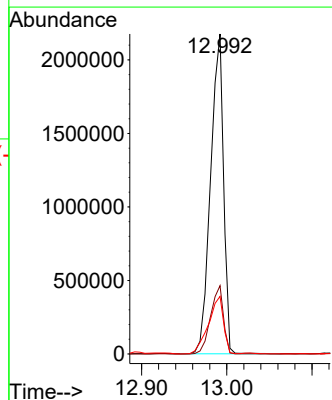
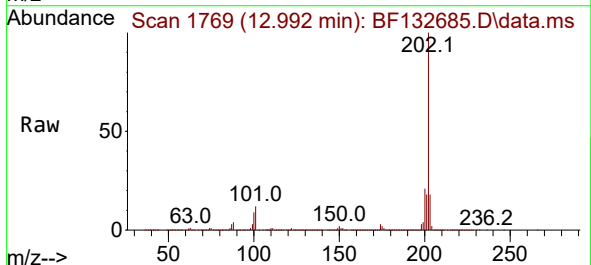
Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306MSD

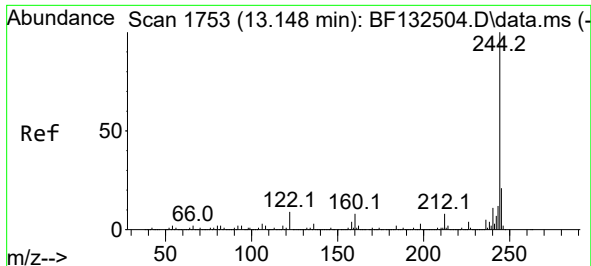
Tgt Ion:184 Resp: 532507
Ion Ratio Lower Upper
184 100
185 14.1 11.7 17.5
183 10.5 8.7 13.1



#78
Pyrene
Concen: 72.036 ng
RT: 12.992 min Scan# 1769
Delta R.T. -0.000 min
Lab File: BF132685.D
Acq: 07 Mar 2023 19:06

Tgt Ion:202 Resp: 2304821
Ion Ratio Lower Upper
202 100
200 21.4 17.1 25.7
203 18.0 14.6 21.8

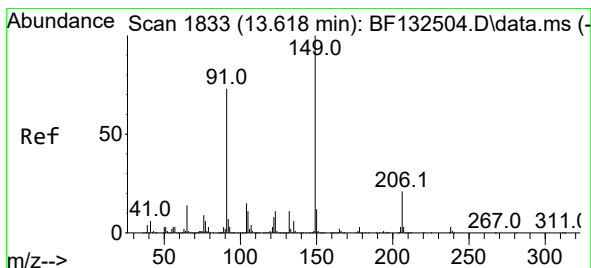
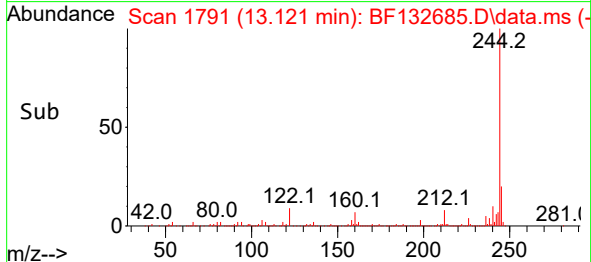
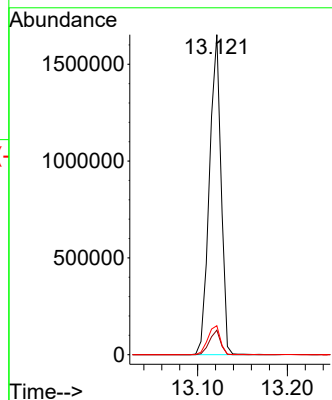
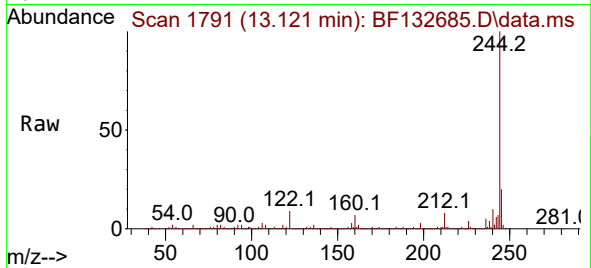




#79
 Terphenyl-d14
 Concen: 71.491 ng
 RT: 13.121 min Scan# 1753
 Delta R.T. -0.006 min
 Lab File: BF132685.D
 Acq: 07 Mar 2023 19:06

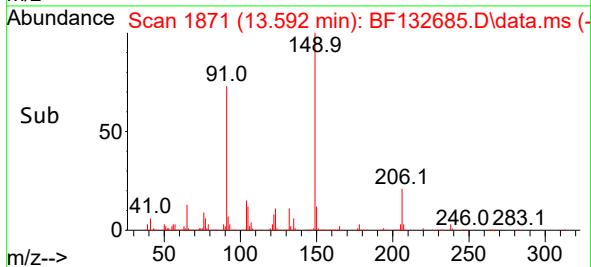
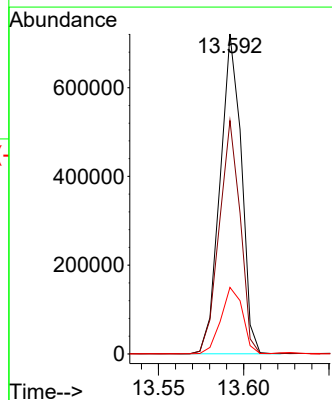
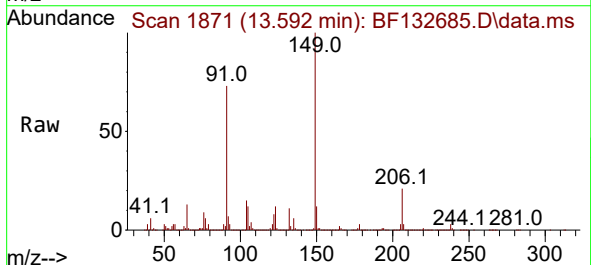
Instrument :
 BNA_F
 ClientSampleId :
 HH-TP1-0306MSD

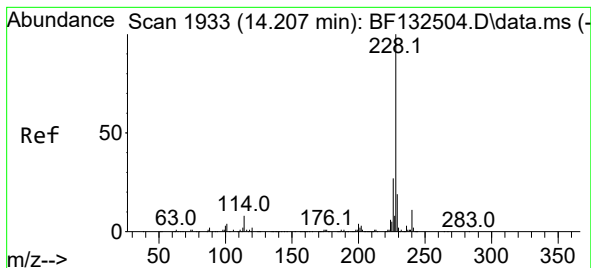
Tgt Ion:244 Resp: 1488036
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.5 9.7
 122 9.0 7.5 11.3



#80
 Butylbenzylphthalate
 Concen: 49.502 ng
 RT: 13.592 min Scan# 1871
 Delta R.T. -0.006 min
 Lab File: BF132685.D
 Acq: 07 Mar 2023 19:06

Tgt Ion:149 Resp: 625014
 Ion Ratio Lower Upper
 149 100
 91 72.9 58.4 87.6
 206 20.8 16.8 25.2





#81

Benzo(a)anthracene

Concen: 57.963 ng

RT: 14.180 min Scan# 1933

Delta R.T. -0.006 min

Lab File: BF132685.D

Acq: 07 Mar 2023 19:06

Instrument :

BNA_F

ClientSampleId :

HH-TP1-0306MSD

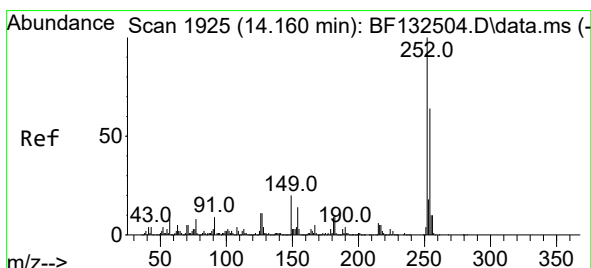
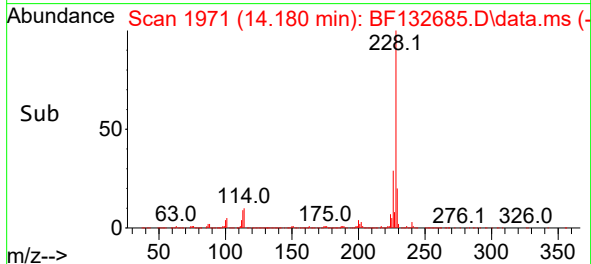
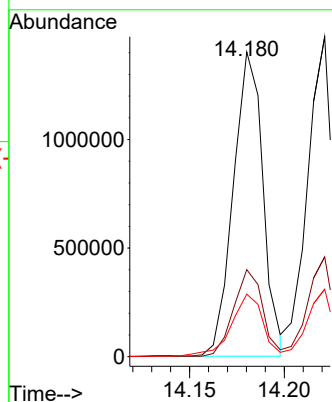
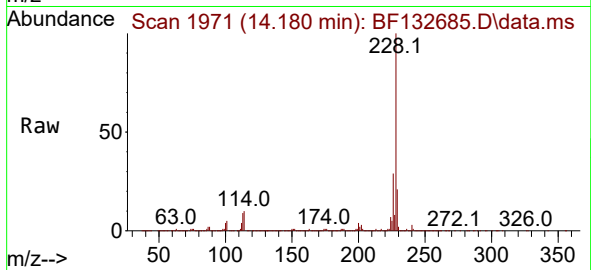
Tgt Ion:228 Resp: 1526244

Ion Ratio Lower Upper

228 100

226 28.6 21.7 32.5

229 20.5 15.4 23.2



#82

3,3'-Dichlorobenzidine

Concen: 28.817 ng

RT: 14.139 min Scan# 1964

Delta R.T. -0.000 min

Lab File: BF132685.D

Acq: 07 Mar 2023 19:06

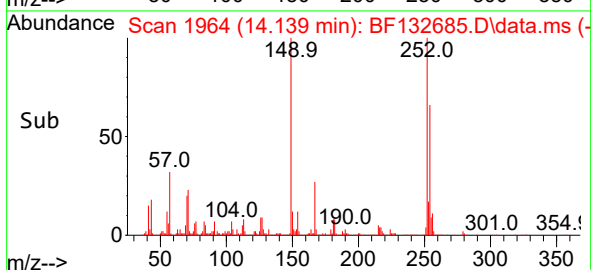
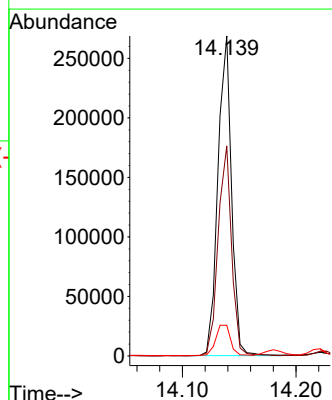
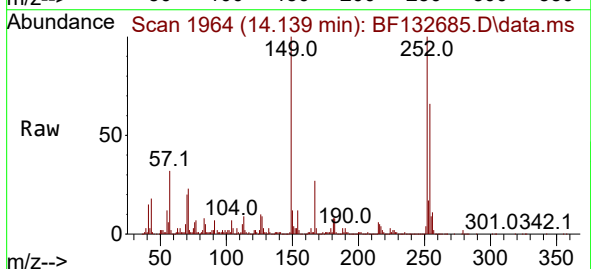
Tgt Ion:252 Resp: 223702

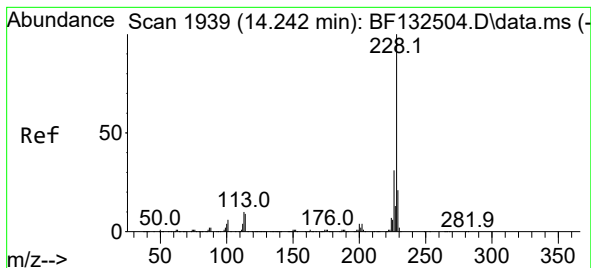
Ion Ratio Lower Upper

252 100

254 65.6 51.4 77.2

126 9.6 8.9 13.3





#83

Chrysene

Concen: 55.555 ng

RT: 14.221 min Scan# 1939

Delta R.T. -0.000 min

Lab File: BF132685.D

Acq: 07 Mar 2023 19:06

Instrument :

BNA_F

ClientSampleId :

HH-TP1-0306MSD

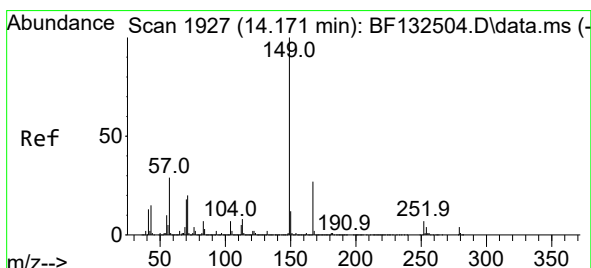
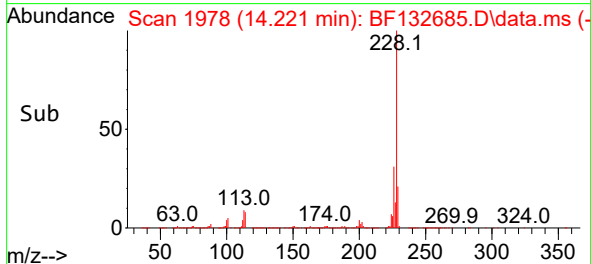
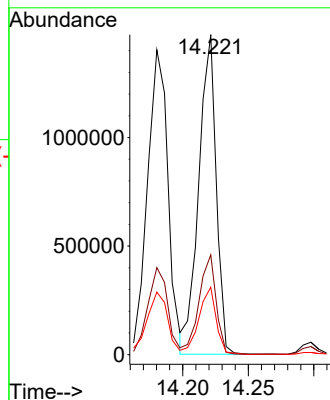
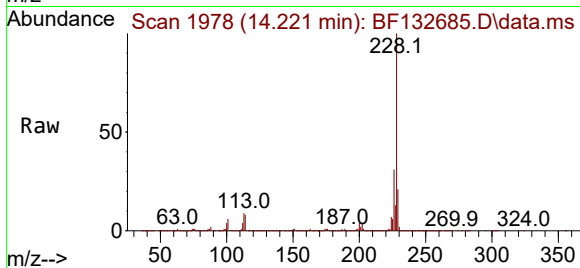
Tgt Ion:228 Resp: 1367919

Ion Ratio Lower Upper

228 100

226 31.2 25.0 37.6

229 21.1 16.4 24.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.815 ng

RT: 14.151 min Scan# 1966

Delta R.T. -0.000 min

Lab File: BF132685.D

Acq: 07 Mar 2023 19:06

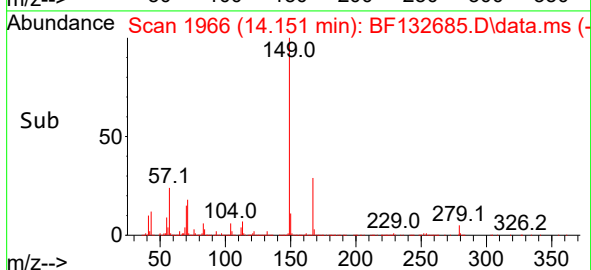
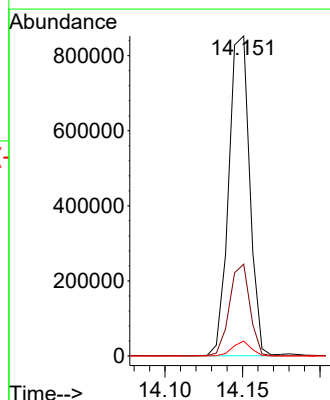
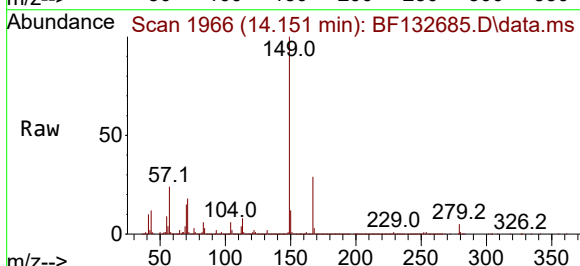
Tgt Ion:149 Resp: 803668

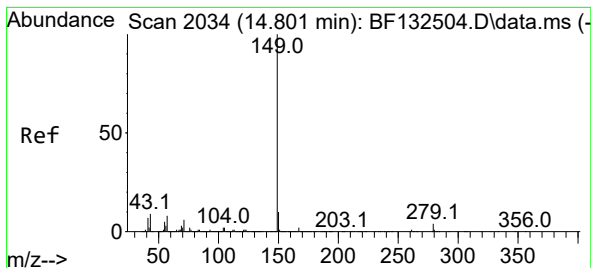
Ion Ratio Lower Upper

149 100

167 28.7 21.8 32.6

279 4.7 3.0 4.6#





#85

Di-n-octyl phthalate

Concen: 54.296 ng

RT: 14.774 min Scan# 2034

Delta R.T. -0.000 min

Lab File: BF132685.D

Acq: 07 Mar 2023 19:06

Instrument :

BNA_F

ClientSampleId :

HH-TP1-0306MSD

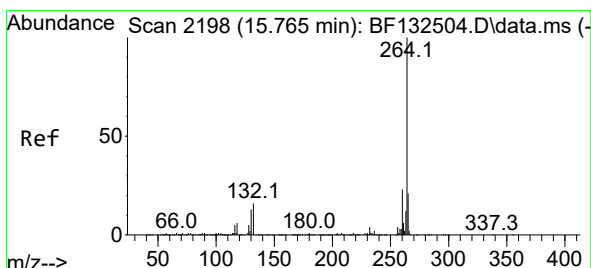
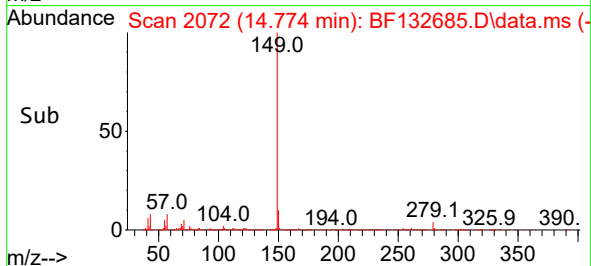
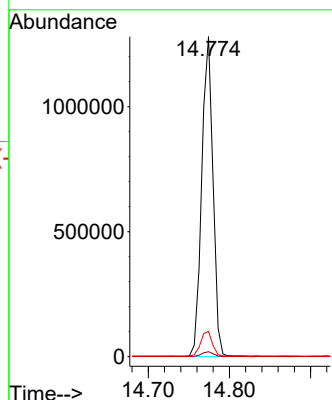
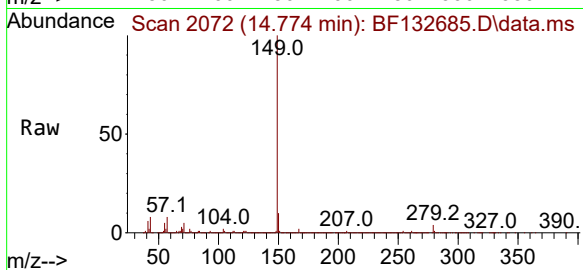
Tgt Ion:149 Resp: 1230643

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.0 7.2 10.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.733 min Scan# 2235

Delta R.T. -0.006 min

Lab File: BF132685.D

Acq: 07 Mar 2023 19:06

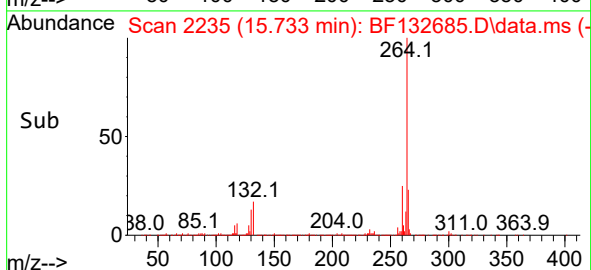
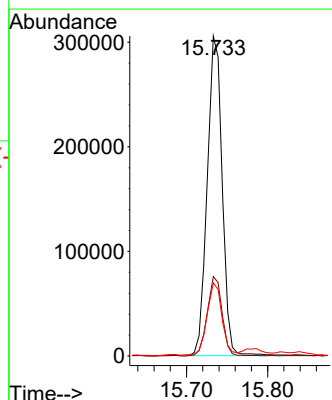
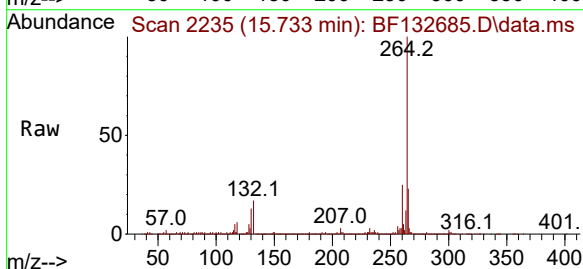
Tgt Ion:264 Resp: 389873

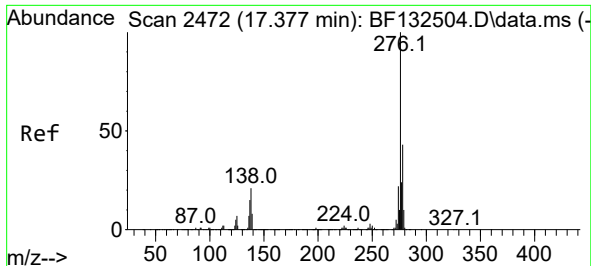
Ion Ratio Lower Upper

264 100

260 24.8 18.8 28.2

265 22.8 17.1 25.7

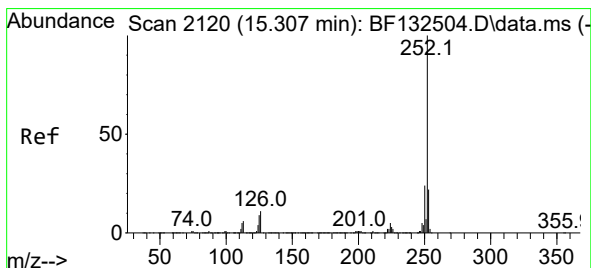
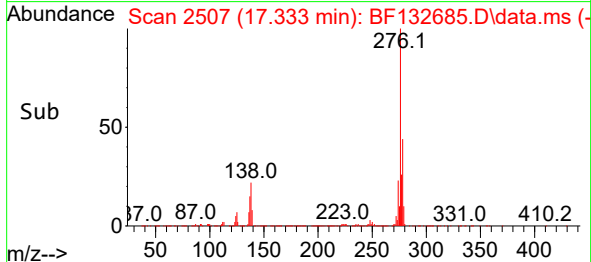
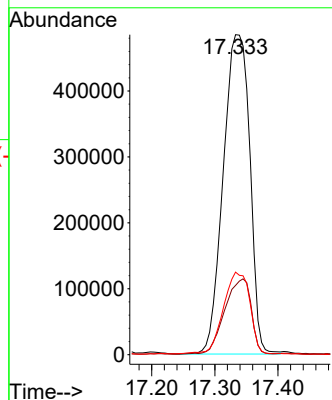
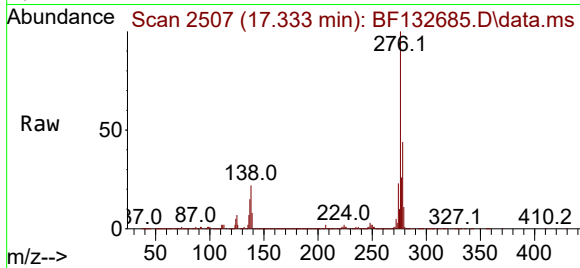




#87
Indeno(1,2,3-cd)pyrene
Concen: 55.504 ng
RT: 17.333 min Scan# 211
Delta R.T. -0.012 min
Lab File: BF132685.D
Acq: 07 Mar 2023 19:06

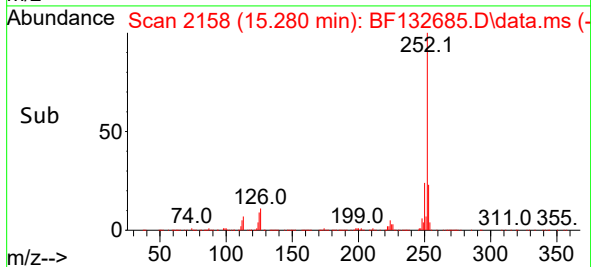
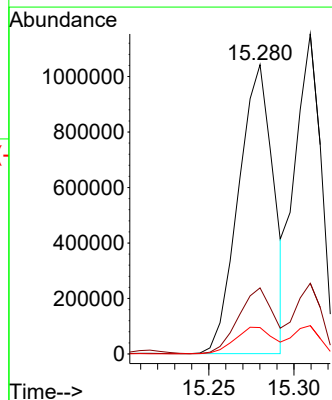
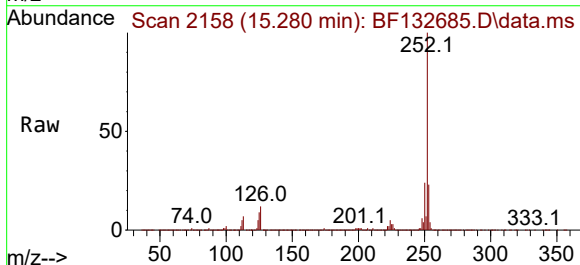
Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306MSD

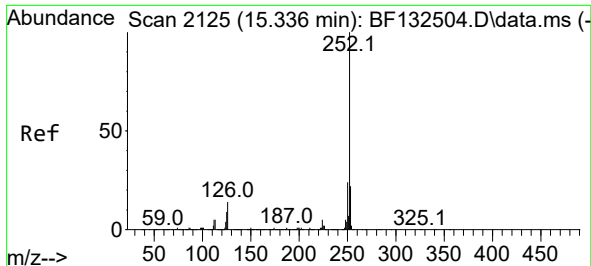
Tgt Ion:276 Resp: 1417917
Ion Ratio Lower Upper
276 100
138 23.6 19.0 28.4
277 25.3 20.0 30.0



#88
Benzo(b)fluoranthene
Concen: 56.995 ng
RT: 15.280 min Scan# 2158
Delta R.T. -0.000 min
Lab File: BF132685.D
Acq: 07 Mar 2023 19:06

Tgt Ion:252 Resp: 1489127
Ion Ratio Lower Upper
252 100
253 22.9 17.4 26.0
125 9.1 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 47.950 ng

RT: 15.310 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF132685.D

Acq: 07 Mar 2023 19:06

Instrument :

BNA_F

ClientSampleId :

HH-TP1-0306MSD

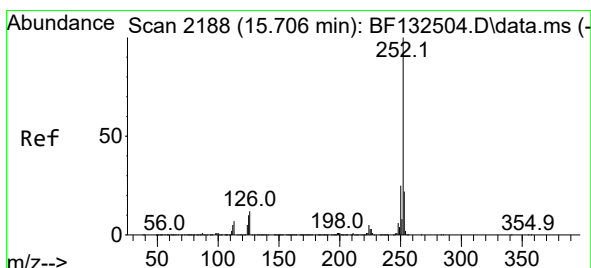
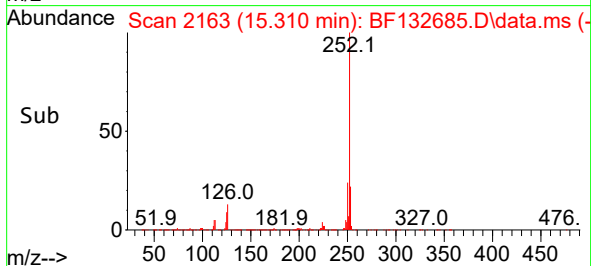
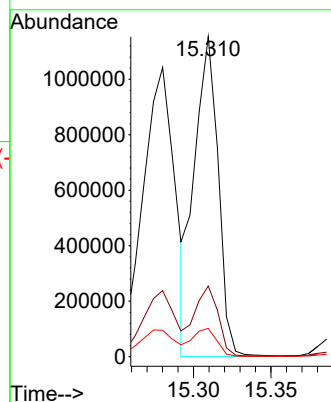
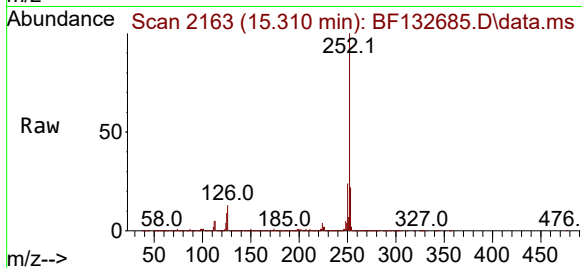
Tgt Ion:252 Resp: 1226105

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 8.8 7.2 10.8



#90

Benzo(a)pyrene

Concen: 52.479 ng

RT: 15.674 min Scan# 2225

Delta R.T. -0.000 min

Lab File: BF132685.D

Acq: 07 Mar 2023 19:06

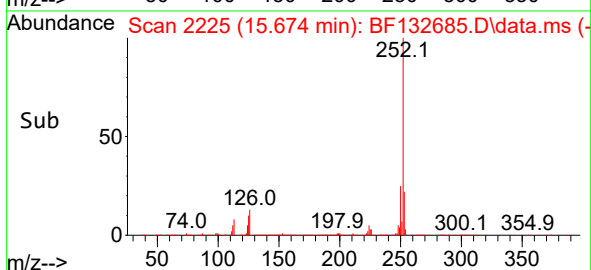
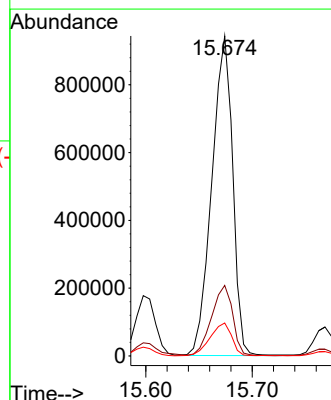
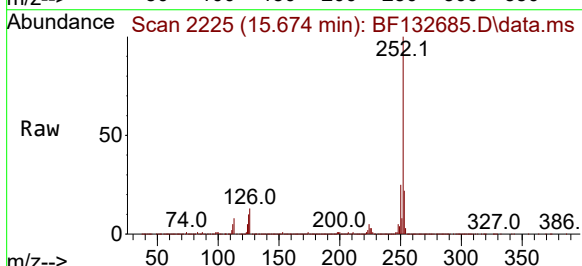
Tgt Ion:252 Resp: 1283276

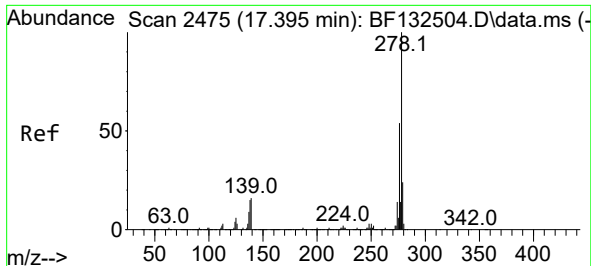
Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

125 10.3 8.0 12.0

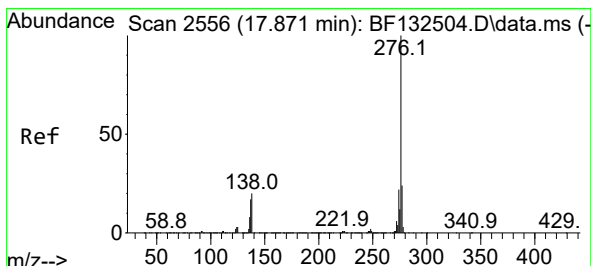
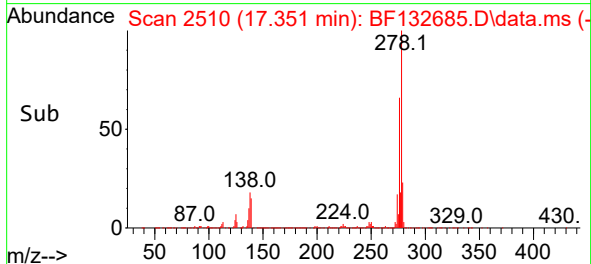
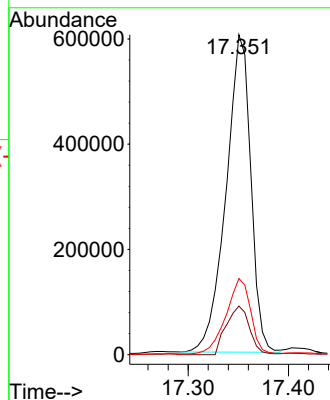
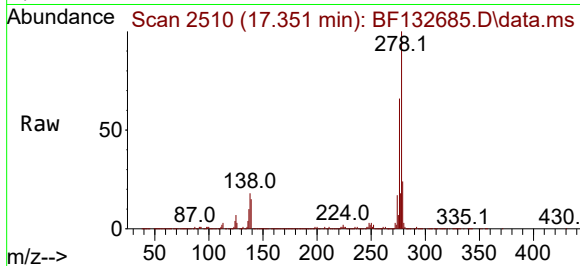




#91
Dibenzo(a,h)anthracene
Concen: 49.584 ng
RT: 17.351 min Scan# 2510
Delta R.T. -0.006 min
Lab File: BF132685.D
Acq: 07 Mar 2023 19:06

Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306MSD

Tgt Ion:278 Resp: 1032043
Ion Ratio Lower Upper
278 100
139 15.2 13.0 19.4
279 23.8 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 49.712 ng
RT: 17.827 min Scan# 2591
Delta R.T. -0.006 min
Lab File: BF132685.D
Acq: 07 Mar 2023 19:06

Tgt Ion:276 Resp: 1170751
Ion Ratio Lower Upper
276 100
277 23.9 18.9 28.3
138 21.0 16.2 24.4

