

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080923\
 Data File : BF134681.D
 Acq On : 09 Aug 2023 09:45
 Operator : CG\JU
 Sample : PB154669BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154669BS

Quant Time: Aug 10 01:35:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	210694	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	856097	20.000	ng	# 0.00
39) Acenaphthene-d10	9.845	164	447123	20.000	ng	0.01
64) Phenanthrene-d10	11.333	188	837903	20.000	ng	# 0.01
76) Chrysene-d12	13.986	240	522450	20.000	ng	0.01
86) Perylene-d12	15.451	264	476049	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	1622855	117.085	ng	0.02
7) Phenol-d6	6.451	99	2077229	117.238	ng	0.01
23) Nitrobenzene-d5	7.369	82	1320459	96.390	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	649737	142.549	ng	0.01
45) 2-Fluorobiphenyl	9.163	172	2269601	84.399	ng	0.00
79) Terphenyl-d14	12.927	244	2816794	95.045	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.640	88	218543	34.270	ng	# 95
3) Pyridine	3.399	79	603954	34.950	ng	91
4) n-Nitrosodimethylamine	3.363	42	350277	42.423	ng	# 59
6) Aniline	6.469	93	868322	37.364	ng	99
8) 2-Chlorophenol	6.592	128	710158	50.791	ng	95
9) Benzaldehyde	6.357	77	353711	42.501	ng	97
10) Phenol	6.463	94	806036	46.164	ng	97
11) bis(2-Chloroethyl)ether	6.545	93	665645	47.990	ng	95
12) 1,3-Dichlorobenzene	6.745	146	696710	48.161	ng	95
13) 1,4-Dichlorobenzene	6.822	146	701280	48.370	ng	98
14) 1,2-Dichlorobenzene	6.975	146	686366	50.810	ng	95
15) Benzyl Alcohol	6.951	79	602401	49.284	ng	92
16) 2,2'-oxybis(1-Chloropr...	7.081	45	1049060	48.276	ng	89
17) 2-Methylphenol	7.063	107	564132	45.659	ng	94
18) Hexachloroethane	7.310	117	258875	50.875	ng	98
19) n-Nitroso-di-n-propyla...	7.228	70	462518	43.600	ng	# 88
20) 3+4-Methylphenols	7.216	107	613072	41.144	ng	# 82
22) Acetophenone	7.222	105	848662	42.940	ng	# 86
24) Nitrobenzene	7.387	77	709040	47.909	ng	95
25) Isophorone	7.628	82	1377919	46.116	ng	99
26) 2-Nitrophenol	7.704	139	371094	57.834	ng	# 85
27) 2,4-Dimethylphenol	7.739	122	593176	44.493	ng	87
28) bis(2-Chloroethoxy)met...	7.839	93	823296	46.062	ng	99
29) 2,4-Dichlorophenol	7.945	162	589874	48.749	ng	97
30) 1,2,4-Trichlorobenzene	8.028	180	632162	48.993	ng	96
31) Naphthalene	8.104	128	1927541	44.800	ng	99
32) Benzoic acid	7.881	122	462931	52.374	ng	92
33) 4-Chloroaniline	8.157	127	632887	33.013	ng	97
34) Hexachlorobutadiene	8.222	225	358640	48.186	ng	96
35) Caprolactam	8.539	113	106799	27.357	ng	99
36) 4-Chloro-3-methylphenol	8.645	107	613019	47.838	ng	90
37) 2-Methylnaphthalene	8.798	142	1242413	43.564	ng	100
38) 1-Methylnaphthalene	8.898	142	1171703	44.182	ng	97
40) 1,2,4,5-Tetrachloroben...	8.963	216	606210	46.624	ng	98
41) Hexachlorocyclopentadiene	8.951	237	647218	102.364	ng	94
43) 2,4,6-Trichlorophenol	9.075	196	424496	49.886	ng	96

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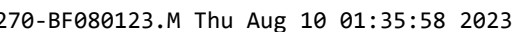
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	458378	47.132	ng	90
46) 1,1'-Biphenyl	9.263	154	1560717	44.887	ng	98
47) 2-Chloronaphthalene	9.286	162	1197370	45.959	ng	98
48) 2-Nitroaniline	9.386	65	402864	49.494	ng	92
49) Acenaphthylene	9.704	152	1862935	45.490	ng	99
50) Dimethylphthalate	9.575	163	1465926	48.103	ng	99
51) 2,6-Dinitrotoluene	9.633	165	327889	52.278	ng	# 82
52) Acenaphthene	9.880	154	1125030	42.392	ng	99
53) 3-Nitroaniline	9.804	138	306817	45.170	ng	97
54) 2,4-Dinitrophenol	9.916	184	336266	114.678	ng	# 83
55) Dibenzofuran	10.051	168	1640901	43.433	ng	95
56) 4-Nitrophenol	9.975	139	565887	101.862	ng	# 71
57) 2,4-Dinitrotoluene	10.039	165	410749	54.080	ng	92
58) Fluorene	10.392	166	1224163	44.486	ng	96
59) 2,3,4,6-Tetrachlorophenol	10.169	232	396061	51.476	ng	97
60) Diethylphthalate	10.275	149	1371801	47.491	ng	96
61) 4-Chlorophenyl-phenyle...	10.386	204	614733	45.448	ng	92
62) 4-Nitroaniline	10.422	138	369810	55.546	ng	84
63) Azobenzene	10.551	77	1385512	44.643	ng	95
65) 4,6-Dinitro-2-methylph...	10.451	198	224638	63.009	ng	87
66) n-Nitrosodiphenylamine	10.510	169	1200821	45.026	ng	98
67) 4-Bromophenyl-phenylether	10.880	248	445570	48.577	ng	# 90
68) Hexachlorobenzene	10.939	284	493498	50.950	ng	98
69) Atrazine	11.039	200	428866	59.661	ng	98
70) Pentachlorophenol	11.139	266	491402	81.939	ng	96
71) Phenanthrene	11.357	178	1949304	43.799	ng	99
72) Anthracene	11.410	178	2054711	45.198	ng	99
73) Carbazole	11.569	167	1812855	44.662	ng	99
74) Di-n-butylphthalate	11.904	149	2117978	49.115	ng	99
75) Fluoranthene	12.551	202	2080328	44.251	ng	97
77) Benzidine	12.674	184	1024644	90.346	ng	98
78) Pyrene	12.780	202	2127971	47.070	ng	96
80) Butylbenzylphthalate	13.404	149	855366	55.954	ng	# 94
81) Benzo(a)anthracene	13.974	228	1605544	42.978	ng	100
82) 3,3'-Dichlorobenzidine	13.939	252	534331	49.344	ng	99
83) Chrysene	14.010	228	1613952	44.344	ng	99
84) Bis(2-ethylhexyl)phtha...	13.968	149	926902	51.524	ng	97
85) Di-n-octyl phthalate	14.586	149	1594638	58.290	ng	99
87) Indeno(1,2,3-cd)pyrene	16.957	276	1562782	55.818	ng	# 91
88) Benzo(b)fluoranthene	15.021	252	1474038	50.770	ng	# 96
89) Benzo(k)fluoranthene	15.057	252	1293902	44.737	ng	# 99
90) Benzo(a)pyrene	15.392	252	1222321	45.153	ng	# 95
91) Dibenzo(a,h)anthracene	16.980	278	1265177	55.916	ng	# 95
92) Benzo(g,h,i)perylene	17.415	276	1296983	56.194	ng	# 93

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

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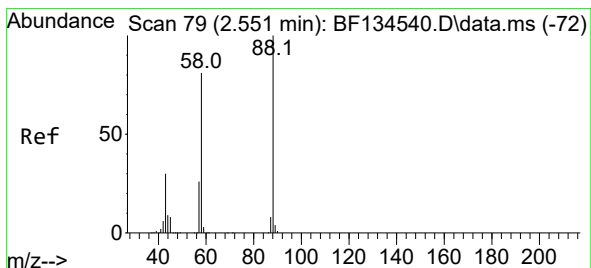
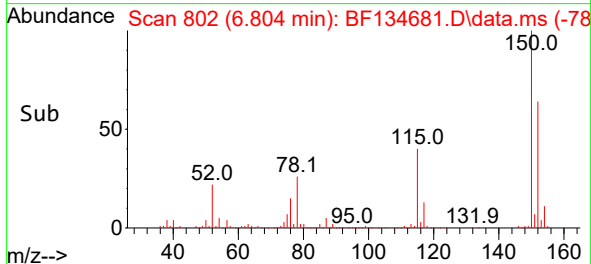
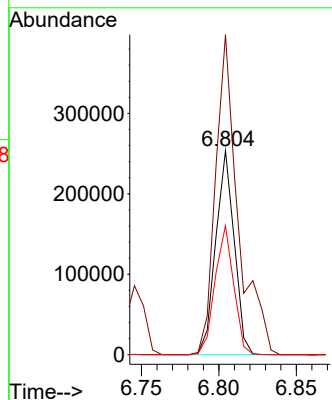
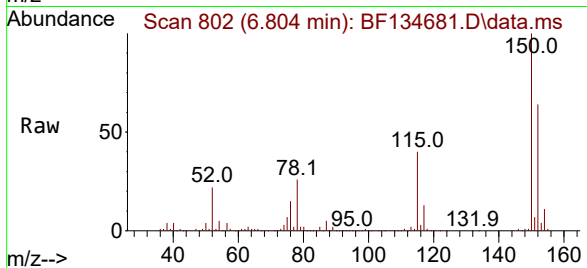




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.804 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: BF134681.D
 Acq: 09 Aug 2023 09:45

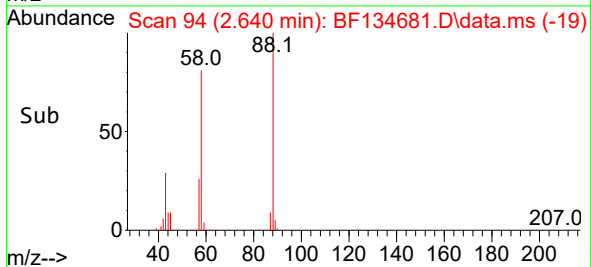
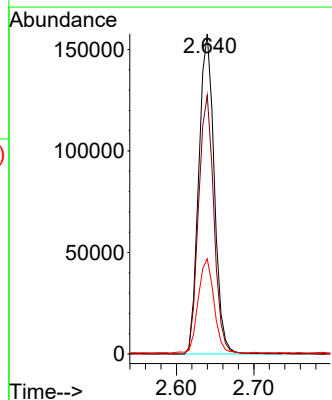
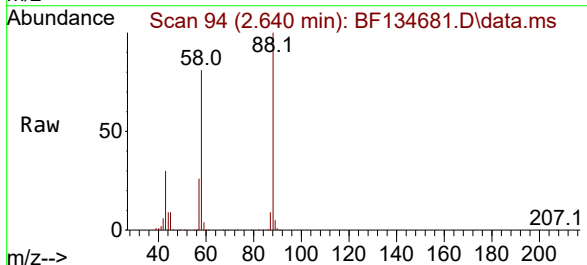
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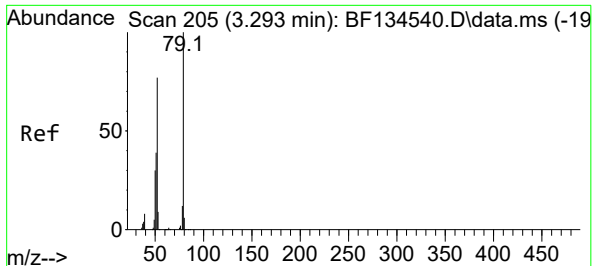
Tgt Ion:152 Resp: 210694
 Ion Ratio Lower Upper
 152 100
 150 156.8 128.3 192.5
 115 63.2 52.4 78.6



#2
 1,4-Dioxane
 Concen: 34.270 ng
 RT: 2.640 min Scan# 94
 Delta R.T. 0.088 min
 Lab File: BF134681.D
 Acq: 09 Aug 2023 09:45

Tgt Ion: 88 Resp: 218543
 Ion Ratio Lower Upper
 88 100
 58 80.2 65.1 97.7
 43 29.9 30.3 45.5#

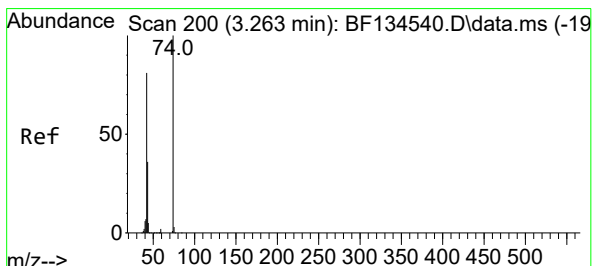
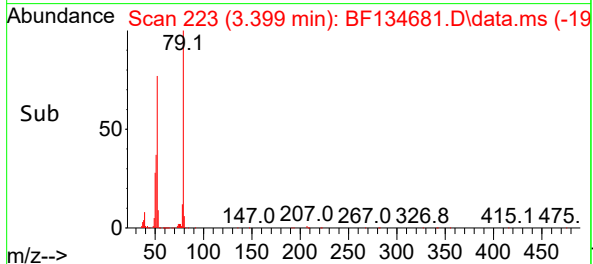
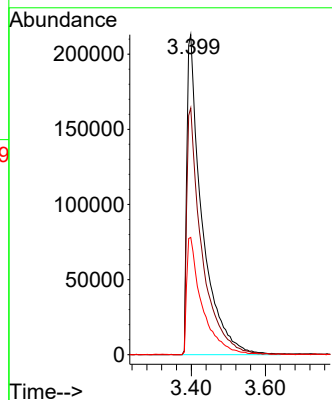
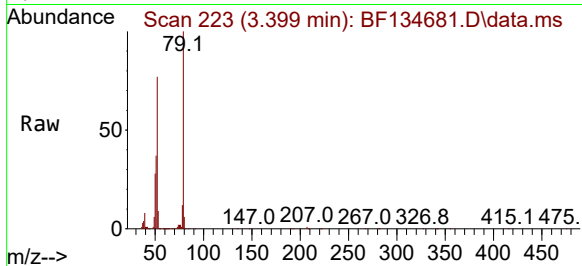




#3
Pyridine
Concen: 34.950 ng
RT: 3.399 min Scan# 217
Delta R.T. 0.094 min
Lab File: BF134681.D
Acq: 09 Aug 2023 09:45

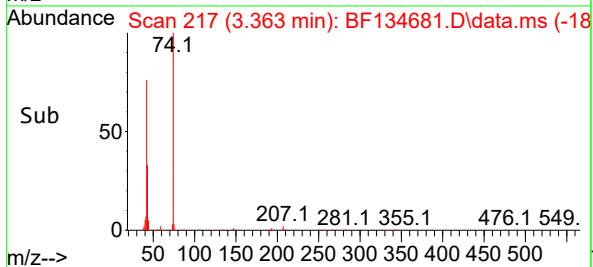
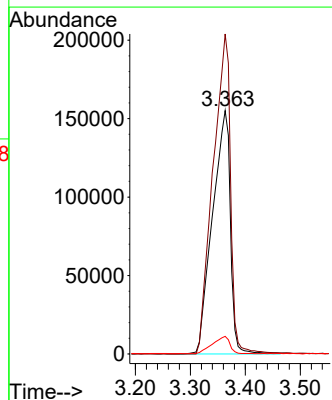
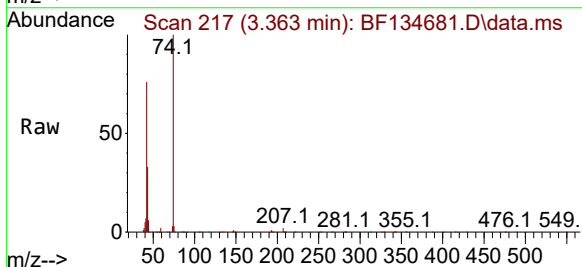
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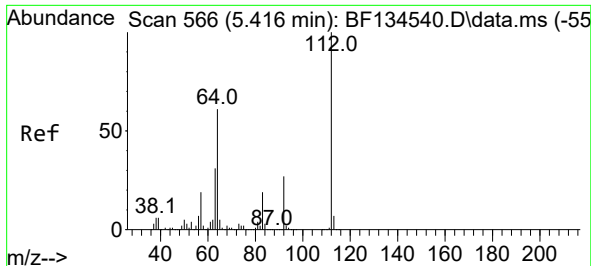
Tgt Ion: 79 Resp: 603954
Ion Ratio Lower Upper
79 100
52 77.1 66.6 100.0
51 36.7 36.5 54.7



#4
n-Nitrosodimethylamine
Concen: 42.423 ng
RT: 3.363 min Scan# 217
Delta R.T. 0.082 min
Lab File: BF134681.D
Acq: 09 Aug 2023 09:45

Tgt Ion: 42 Resp: 350277
Ion Ratio Lower Upper
42 100
74 131.5 72.2 108.4#
44 7.3 5.4 8.0

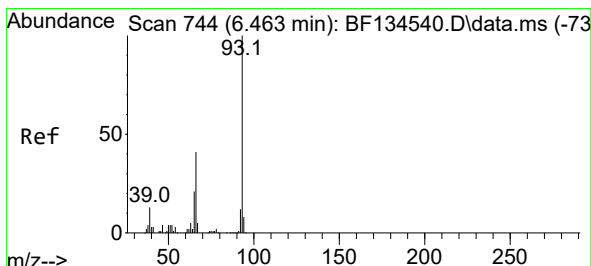
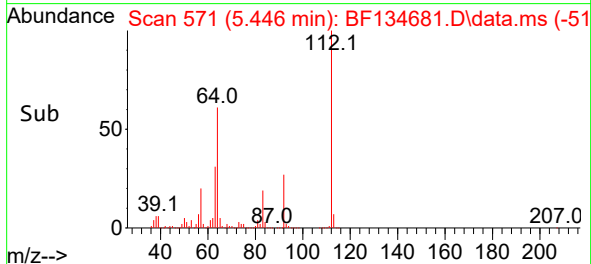
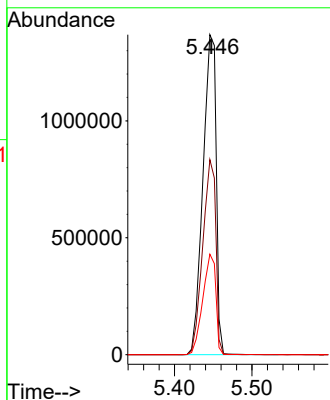
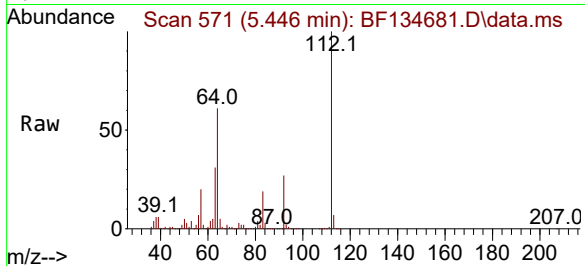




#5
2-Fluorophenol
Concen: 117.085 ng
RT: 5.446 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF134681.D
Acq: 09 Aug 2023 09:45

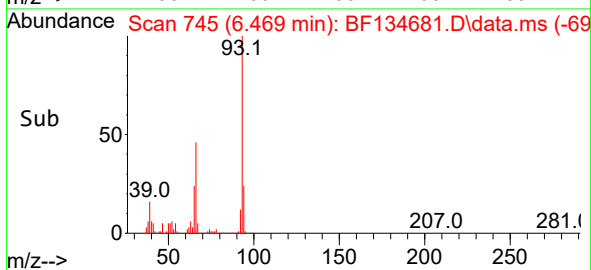
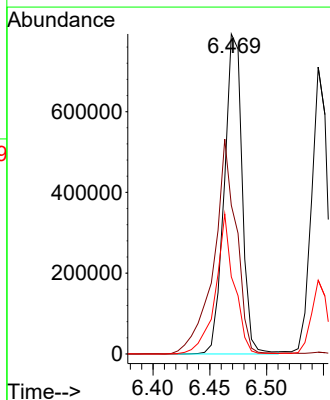
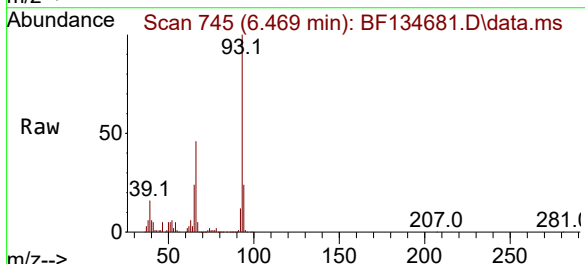
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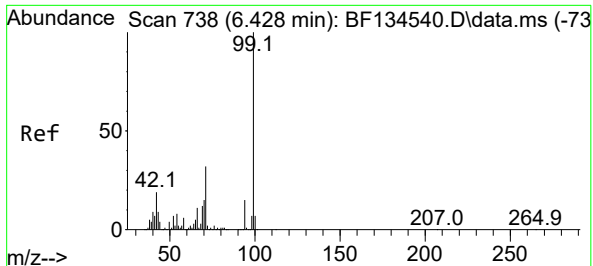
Tgt Ion:112 Resp: 1622855
Ion Ratio Lower Upper
112 100
64 60.9 44.9 67.3
63 31.4 25.4 38.0



#6
Aniline
Concen: 37.364 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF134681.D
Acq: 09 Aug 2023 09:45

Tgt Ion: 93 Resp: 868322
Ion Ratio Lower Upper
93 100
66 46.5 36.8 55.2
65 24.1 19.4 29.0

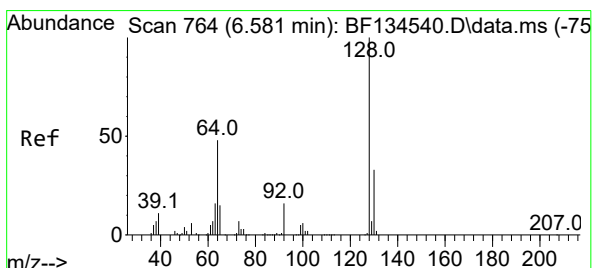
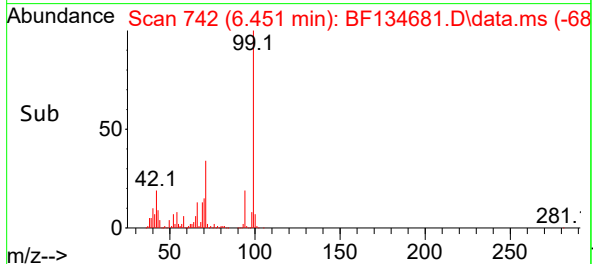
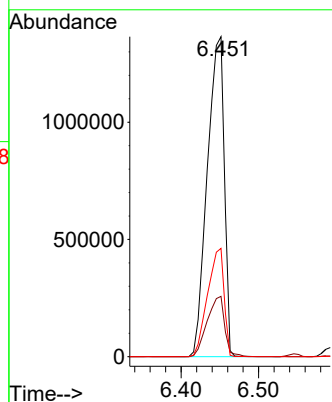
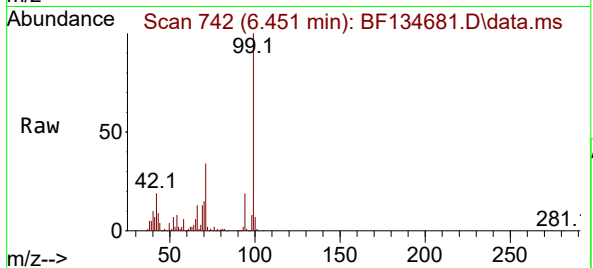




#7
Phenol-d6
Concen: 117.238 ng
RT: 6.451 min Scan# 742
Delta R.T. 0.012 min
Lab File: BF134681.D
Acq: 09 Aug 2023 09:45

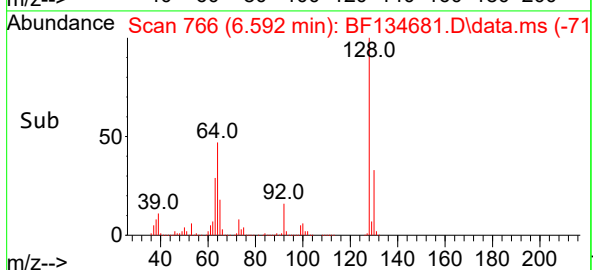
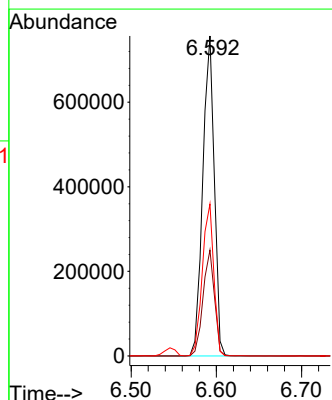
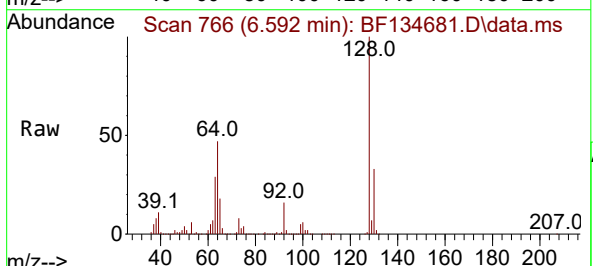
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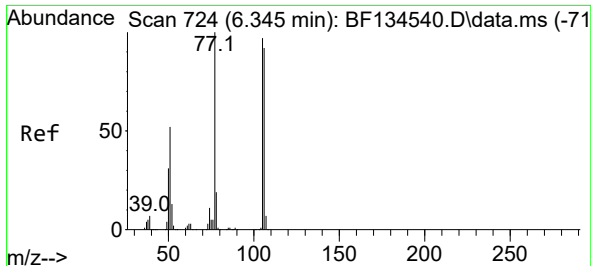
Tgt Ion: 99 Resp: 2077229
Ion Ratio Lower Upper
99 100
42 18.8 18.7 28.1
71 33.9 36.4 54.6#



#8
2-Chlorophenol
Concen: 50.791 ng
RT: 6.592 min Scan# 766
Delta R.T. 0.006 min
Lab File: BF134681.D
Acq: 09 Aug 2023 09:45

Tgt Ion: 128 Resp: 710158
Ion Ratio Lower Upper
128 100
130 33.1 11.1 51.1
64 47.5 31.9 71.9

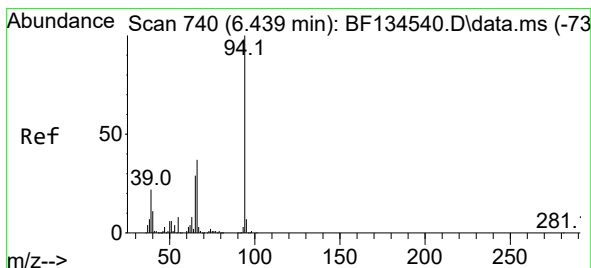
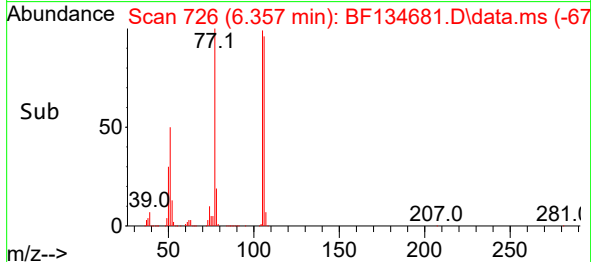
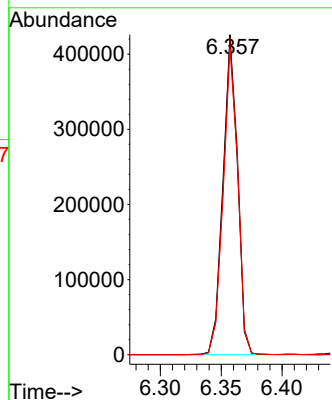
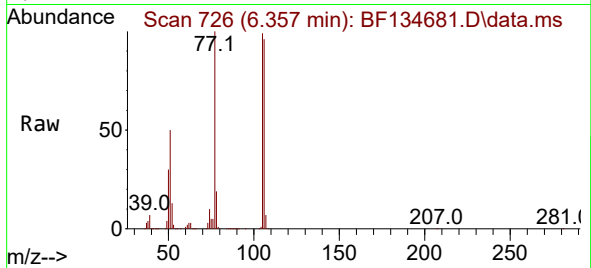




#9
Benzaldehyde
Concen: 42.501 ng
RT: 6.357 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF134681.D
Acq: 09 Aug 2023 09:45

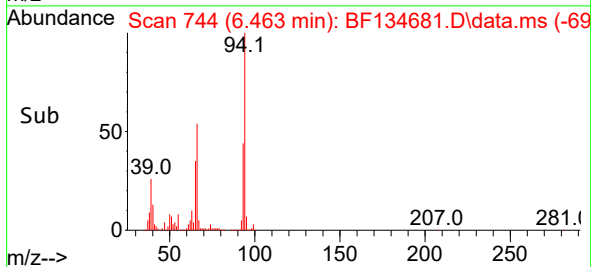
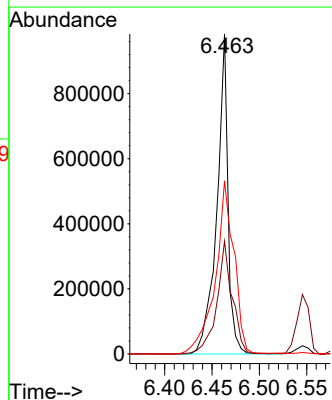
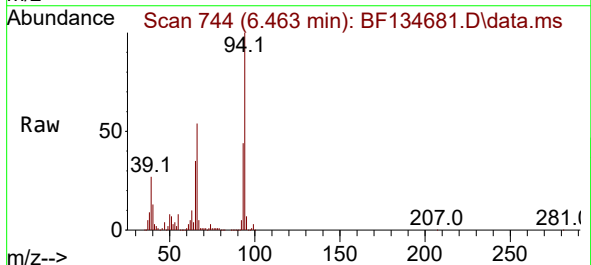
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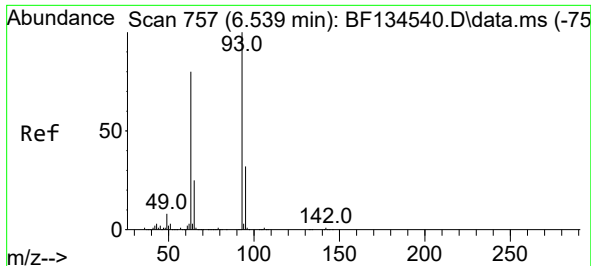
Tgt Ion: 77 Resp: 353711
Ion Ratio Lower Upper
77 100
105 99.2 77.1 117.1
106 95.6 71.4 111.4



#10
Phenol
Concen: 46.164 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.012 min
Lab File: BF134681.D
Acq: 09 Aug 2023 09:45

Tgt Ion: 94 Resp: 806036
Ion Ratio Lower Upper
94 100
65 35.2 17.8 57.8
66 54.1 35.2 75.2





#11

bis(2-Chloroethyl)ether

Concen: 47.990 ng

RT: 6.545 min Scan# 710

Delta R.T. 0.000 min

Lab File: BF134681.D

Acq: 09 Aug 2023 09:45

Instrument :

BNA_F

ClientSampleId :

PB154669BS

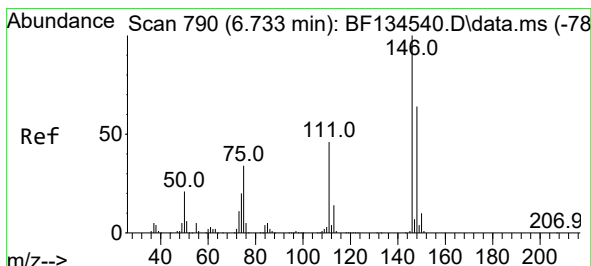
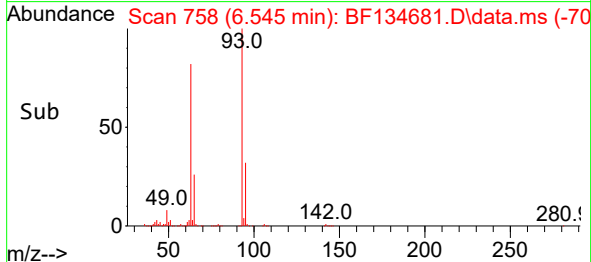
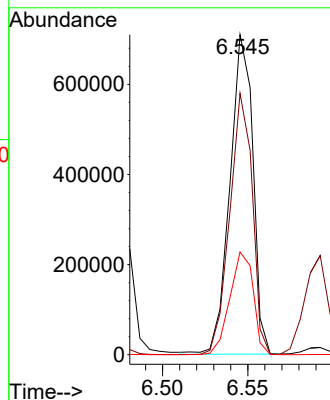
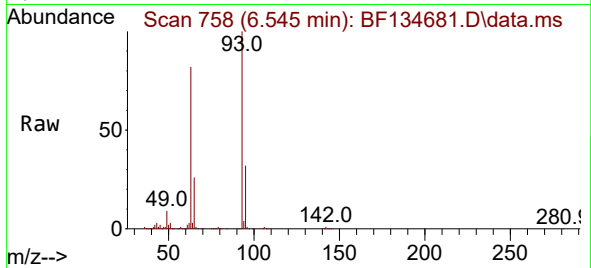
Tgt Ion: 93 Resp: 665645

Ion Ratio Lower Upper

93 100

63 81.6 68.4 108.4

95 32.1 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 48.161 ng

RT: 6.745 min Scan# 792

Delta R.T. 0.006 min

Lab File: BF134681.D

Acq: 09 Aug 2023 09:45

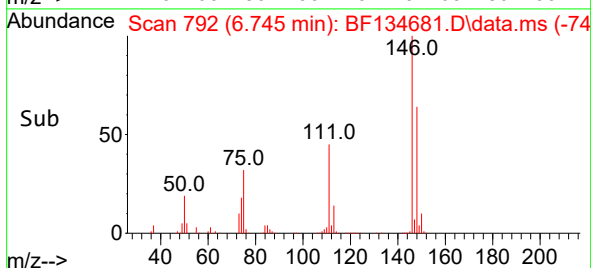
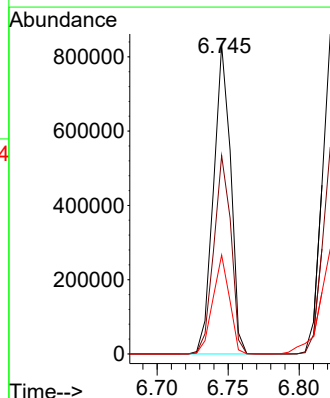
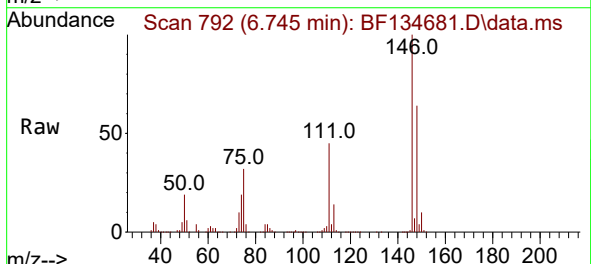
Tgt Ion: 146 Resp: 696710

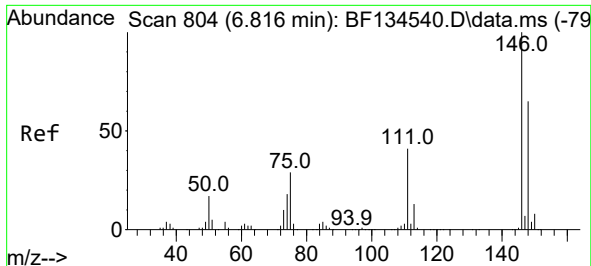
Ion Ratio Lower Upper

146 100

148 64.1 49.7 74.5

75 32.0 29.5 44.3

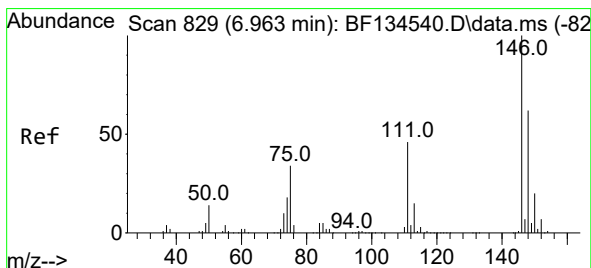
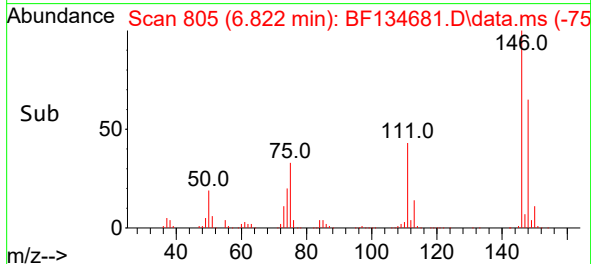
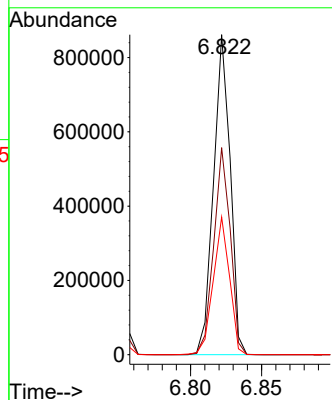
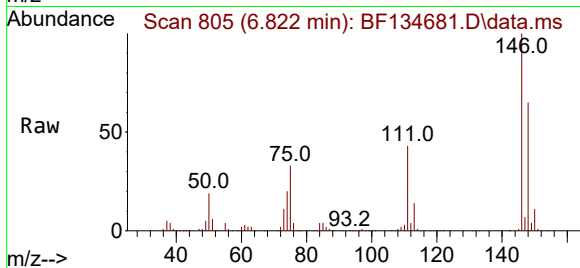




#13
1,4-Dichlorobenzene
Concen: 48.370 ng
RT: 6.822 min Scan# 804
Delta R.T. 0.006 min
Lab File: BF134681.D
Acq: 09 Aug 2023 09:45

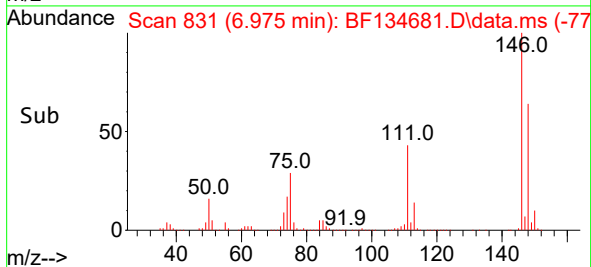
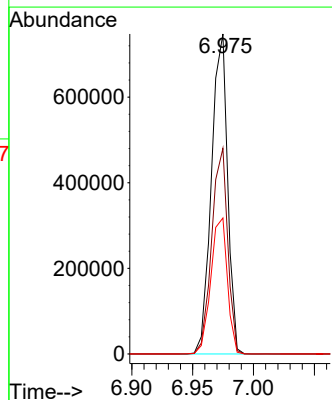
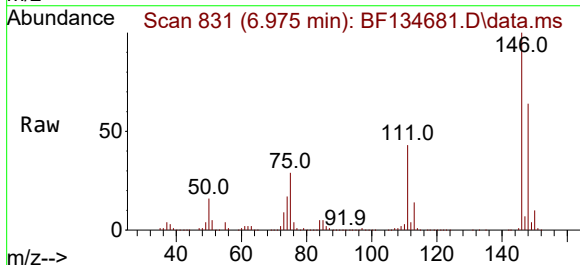
Instrument :
BNA_F
ClientSampleId :
PB154669BS

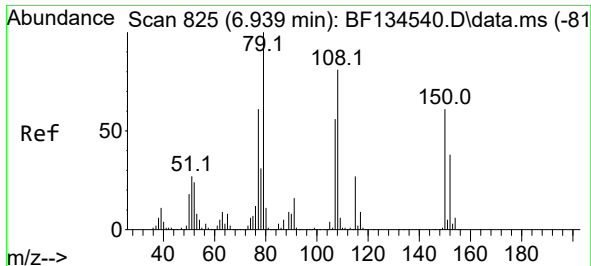
Tgt Ion:146 Resp: 701280
Ion Ratio Lower Upper
146 100
148 64.7 51.3 76.9
111 43.0 36.6 55.0



#14
1,2-Dichlorobenzene
Concen: 50.810 ng
RT: 6.975 min Scan# 831
Delta R.T. 0.006 min
Lab File: BF134681.D
Acq: 09 Aug 2023 09:45

Tgt Ion:146 Resp: 686366
Ion Ratio Lower Upper
146 100
148 64.2 51.2 76.8
111 42.5 39.9 59.9

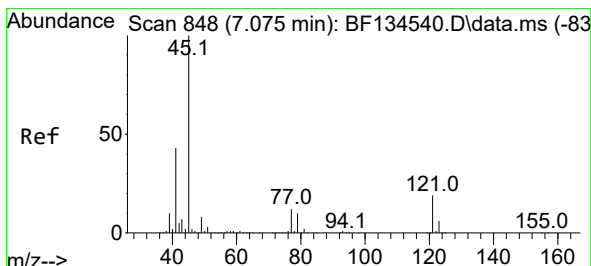
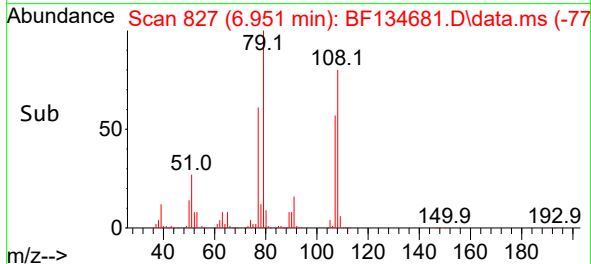
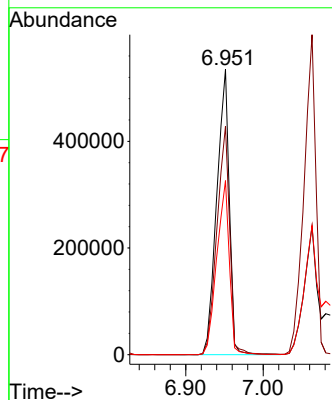
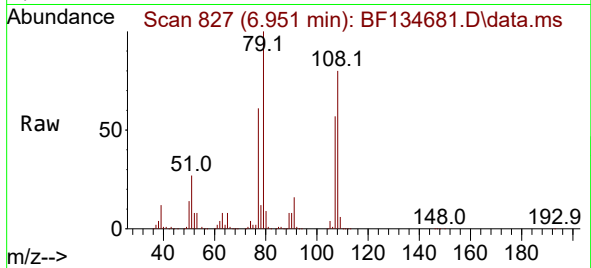




#15
Benzyl Alcohol
Concen: 49.284 ng
RT: 6.951 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF134681.D
Acq: 09 Aug 2023 09:45

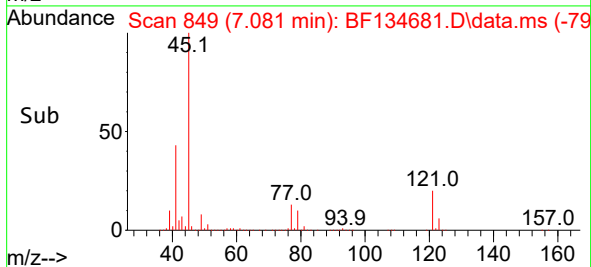
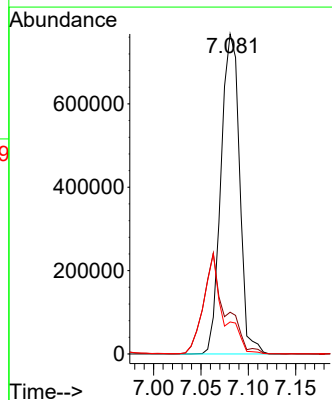
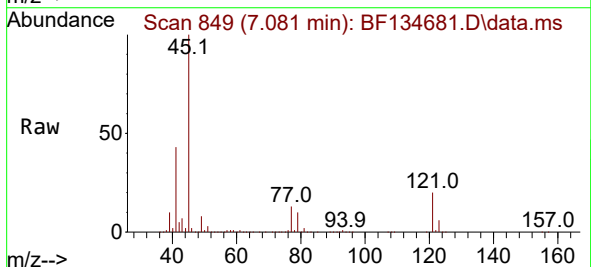
Instrument :
BNA_F
ClientSampleId :
PB154669BS

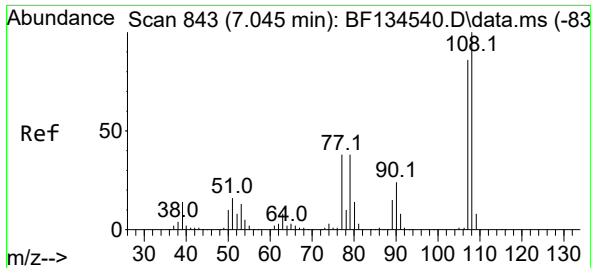
Tgt Ion: 79 Resp: 602401
Ion Ratio Lower Upper
79 100
108 80.1 56.3 84.5
77 61.0 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.276 ng
RT: 7.081 min Scan# 849
Delta R.T. 0.000 min
Lab File: BF134681.D
Acq: 09 Aug 2023 09:45

Tgt Ion: 45 Resp: 1049060
Ion Ratio Lower Upper
45 100
77 13.0 0.0 37.8
79 10.0 0.0 34.5

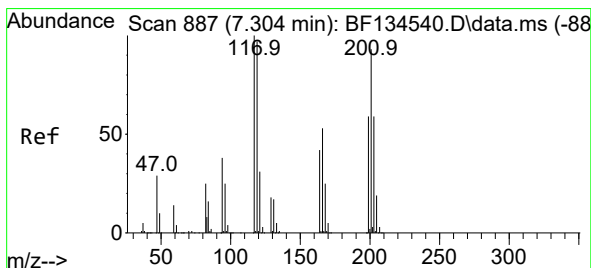
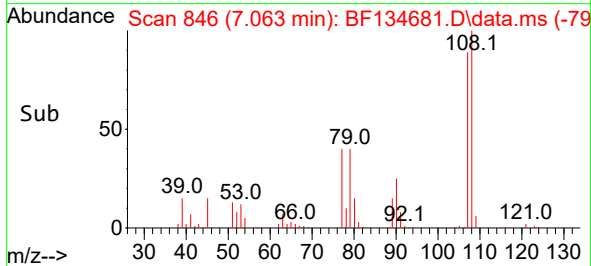
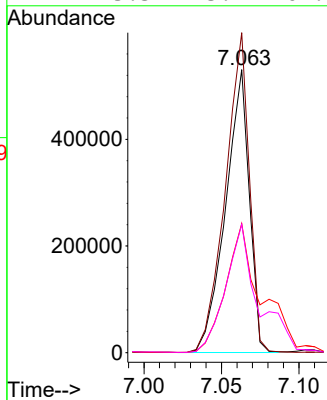
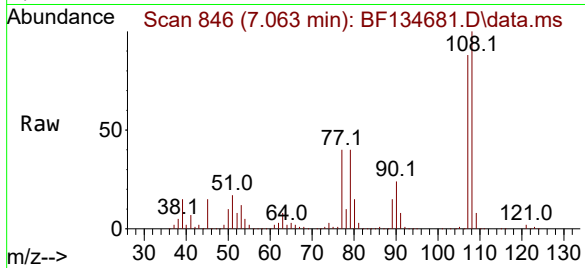




#17
2-Methylphenol
Concen: 45.659 ng
RT: 7.063 min Scan# 843
Delta R.T. 0.012 min
Lab File: BF134681.D
Acq: 09 Aug 2023 09:45

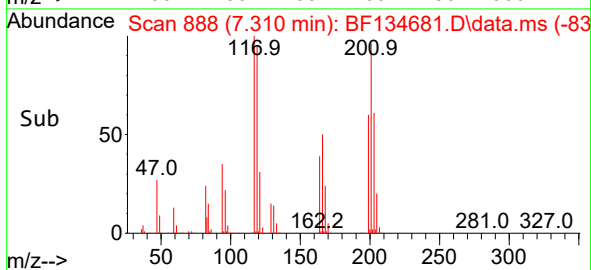
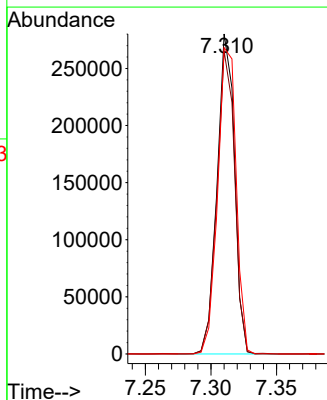
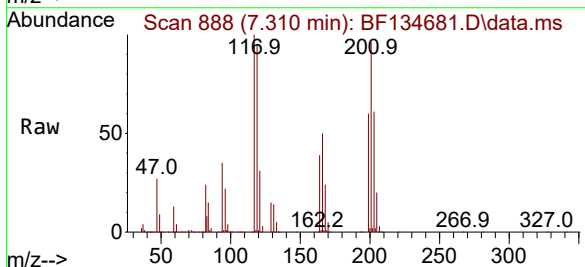
Instrument :
BNA_F
ClientSampleId :
PB154669BS

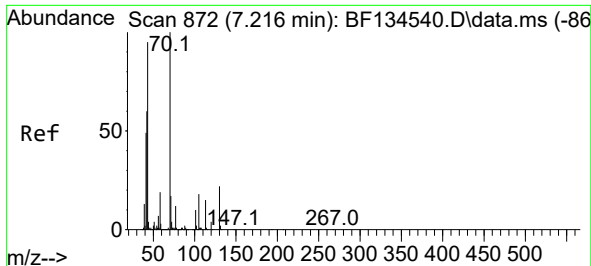
Tgt Ion:	107	Resp:	564132
Ion	Ratio	Lower	Upper
107	100		
108	113.1	89.4	134.2
77	45.6	42.4	63.6
79	45.3	43.1	64.7



#18
Hexachloroethane
Concen: 50.875 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF134681.D
Acq: 09 Aug 2023 09:45

Tgt Ion:	117	Resp:	258875
Ion	Ratio	Lower	Upper
117	100		
119	94.6	75.8	113.8
201	95.7	73.6	110.4

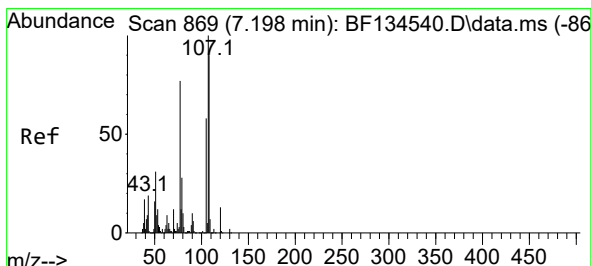
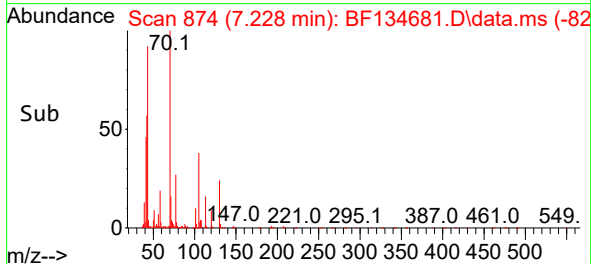
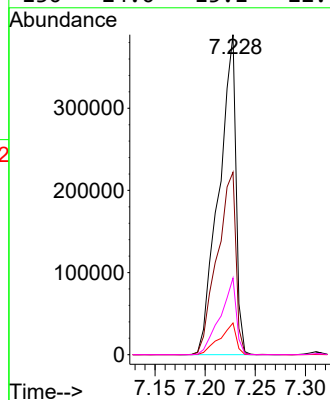
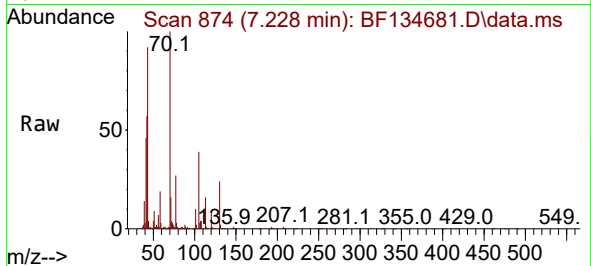




#19
n-Nitroso-di-n-propylamine
Concen: 43.600 ng
RT: 7.228 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF134681.D
Acq: 09 Aug 2023 09:45

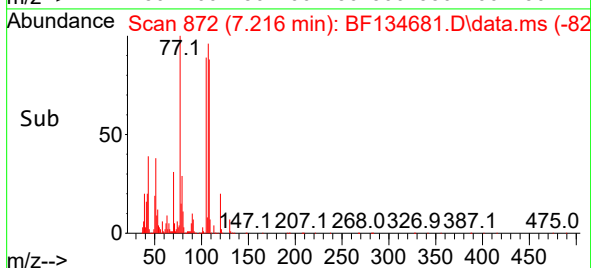
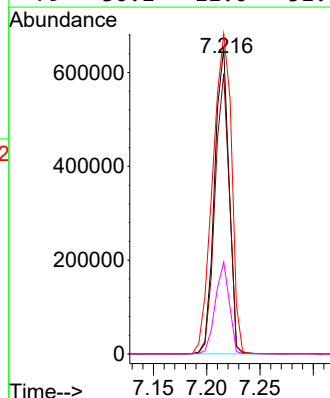
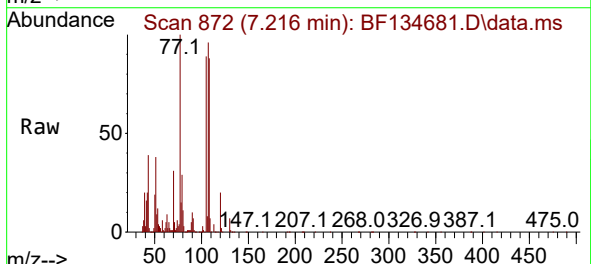
Instrument :
BNA_F
ClientSampleId :
PB154669BS

Tgt Ion: 70 Resp: 462518
Ion Ratio Lower Upper
70 100
42 57.0 54.7 82.1
101 9.9 8.2 12.2
130 24.0 15.1 22.7#



#20
3+4-Methylphenols
Concen: 41.144 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.006 min
Lab File: BF134681.D
Acq: 09 Aug 2023 09:45

Tgt Ion: 107 Resp: 613072
Ion Ratio Lower Upper
107 100
108 91.6 68.1 108.1
77 104.6 122.1 162.1#
79 30.1 11.0 51.0

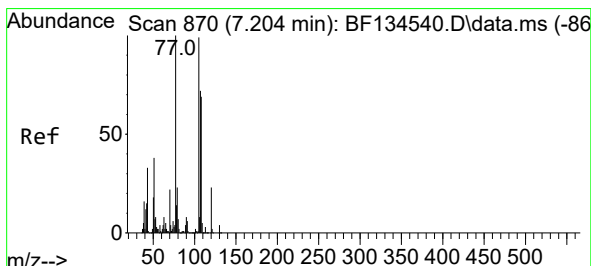
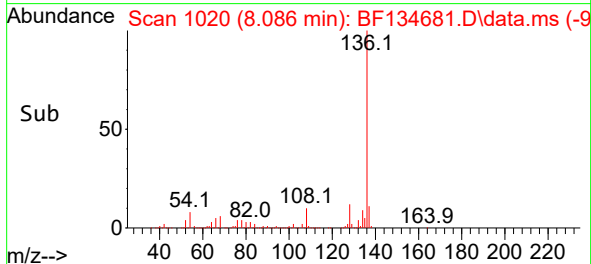
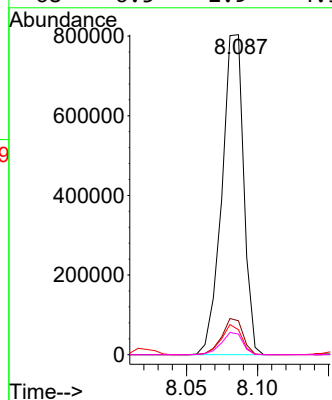
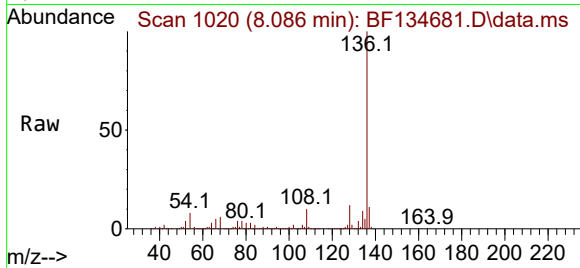




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1018
Delta R.T. 0.006 min
Lab File: BF134681.D
Acq: 09 Aug 2023 09:45

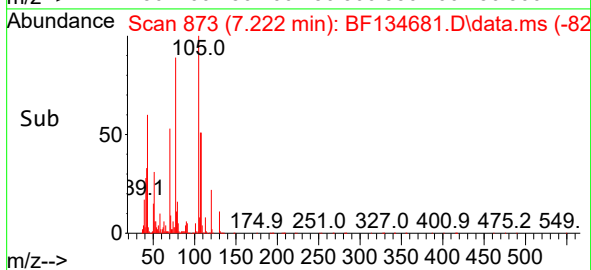
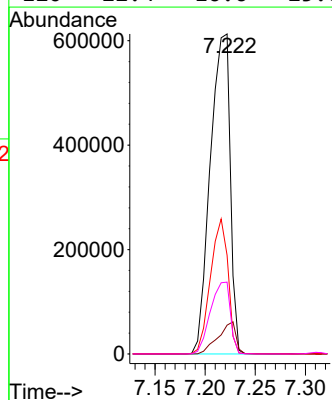
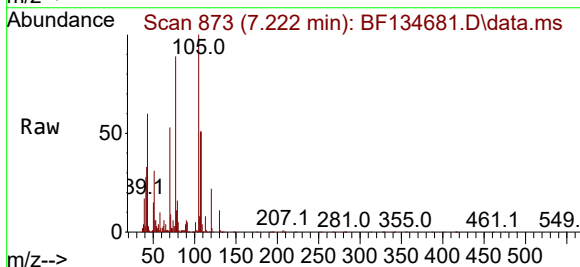
Instrument :
BNA_F
ClientSampleId :
PB154669BS

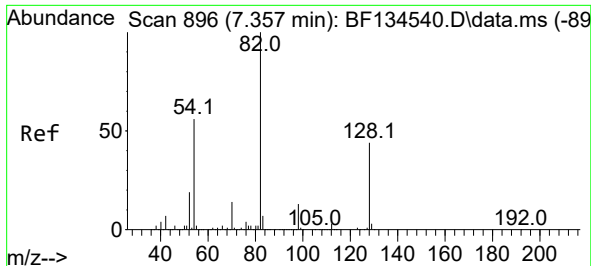
Tgt Ion:136 Resp: 856097
Ion Ratio Lower Upper
136 100
137 10.6 8.4 12.6
54 7.8 5.2 7.8#
68 6.5 2.9 4.3#



#22
Acetophenone
Concen: 42.940 ng
RT: 7.222 min Scan# 873
Delta R.T. 0.006 min
Lab File: BF134681.D
Acq: 09 Aug 2023 09:45

Tgt Ion:105 Resp: 848662
Ion Ratio Lower Upper
105 100
71 9.0 7.4 11.0
51 30.9 36.4 54.6#
120 22.4 16.6 25.0





#23

Nitrobenzene-d5

Concen: 96.390 ng

RT: 7.369 min Scan# 89

Delta R.T. 0.000 min

Lab File: BF134681.D

Acq: 09 Aug 2023 09:45

Instrument :

BNA_F

ClientSampleId :

PB154669BS

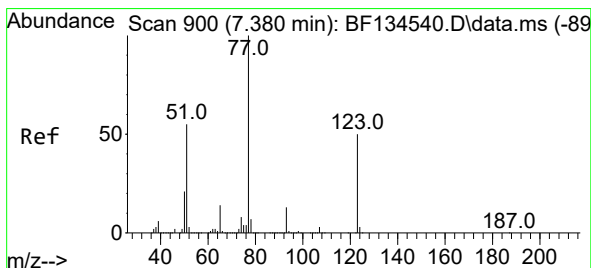
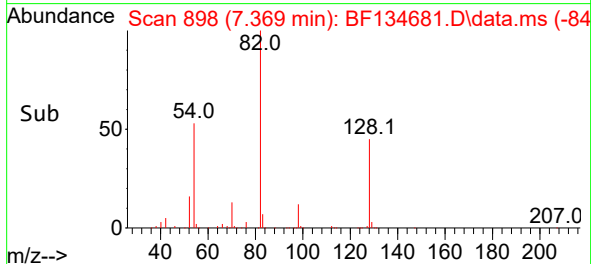
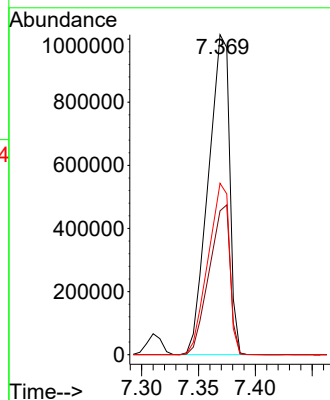
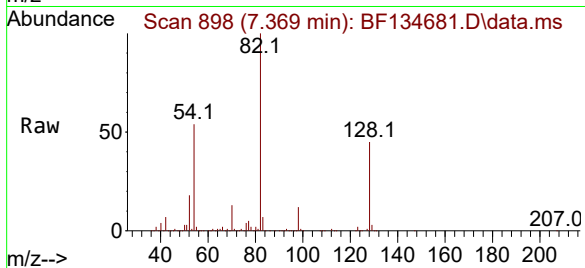
Tgt Ion: 82 Resp: 1320459

Ion Ratio Lower Upper

82 100

128 44.9 34.3 51.5

54 53.6 43.8 65.6



#24

Nitrobenzene

Concen: 47.909 ng

RT: 7.387 min Scan# 901

Delta R.T. 0.000 min

Lab File: BF134681.D

Acq: 09 Aug 2023 09:45

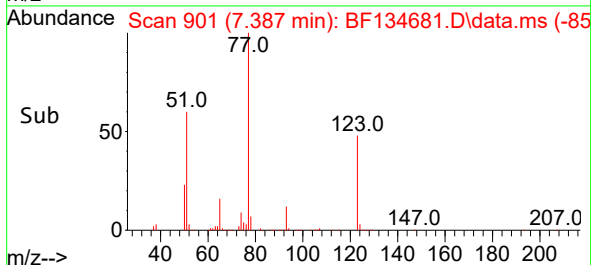
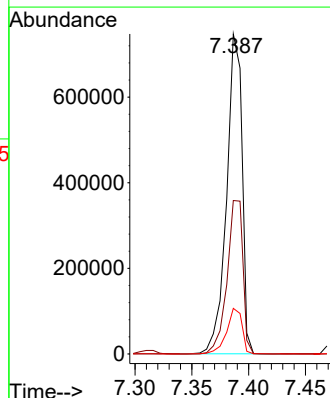
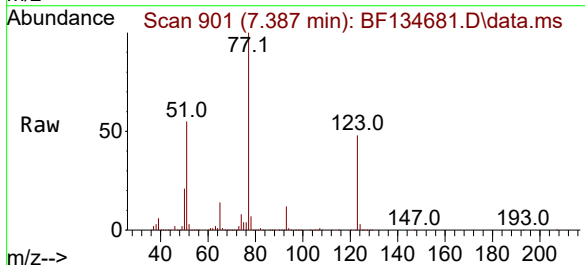
Tgt Ion: 77 Resp: 709040

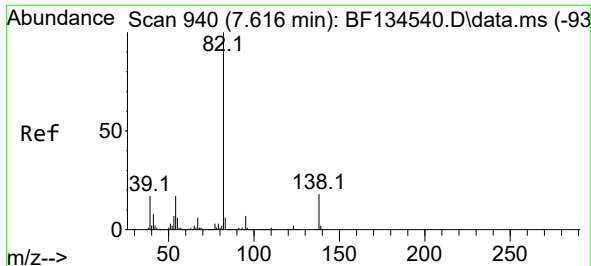
Ion Ratio Lower Upper

77 100

123 48.0 35.5 53.3

65 14.2 11.9 17.9

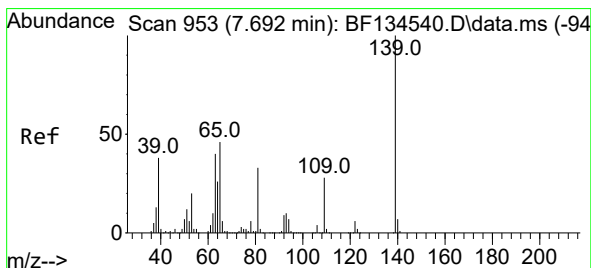
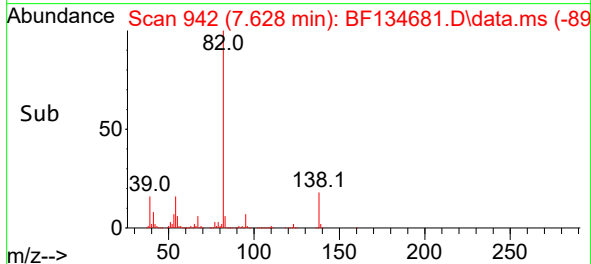
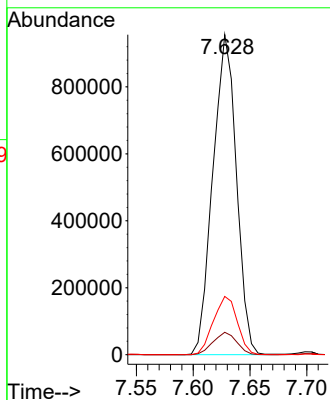
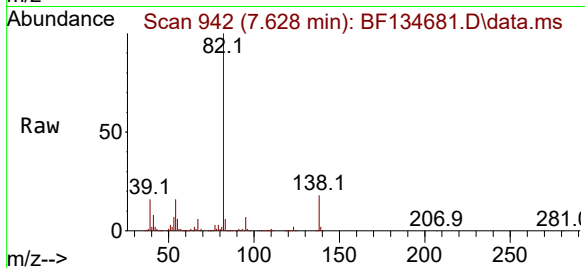




#25
Isophorone
Concen: 46.116 ng
RT: 7.628 min Scan# 941
Delta R.T. 0.000 min
Lab File: BF134681.D
Acq: 09 Aug 2023 09:45

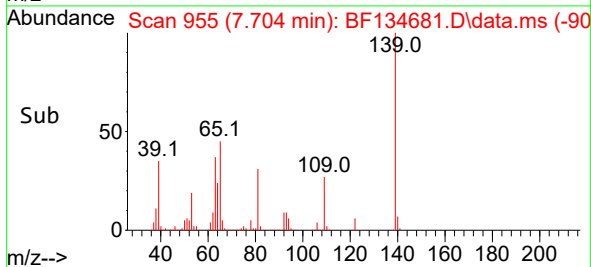
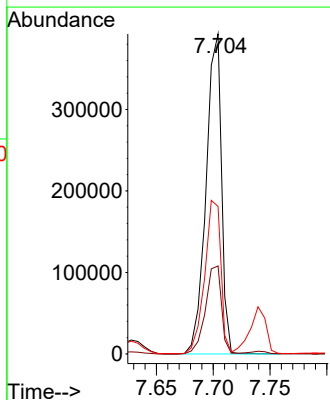
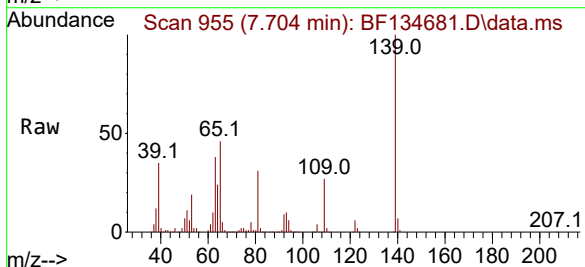
Instrument :
BNA_F
ClientSampleId :
PB154669BS

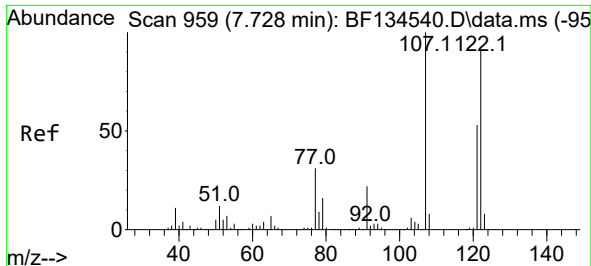
Tgt Ion: 82 Resp: 1377919
Ion Ratio Lower Upper
82 100
95 7.0 6.0 9.0
138 18.2 14.6 22.0



#26
2-Nitrophenol
Concen: 57.834 ng
RT: 7.704 min Scan# 955
Delta R.T. 0.006 min
Lab File: BF134681.D
Acq: 09 Aug 2023 09:45

Tgt Ion:139 Resp: 371094
Ion Ratio Lower Upper
139 100
109 27.5 29.8 44.6#
65 46.1 45.4 68.2





#27

2,4-Dimethylphenol

Concen: 44.493 ng

RT: 7.739 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF134681.D

Acq: 09 Aug 2023 09:45

Instrument :

BNA_F

ClientSampleId :

PB154669BS

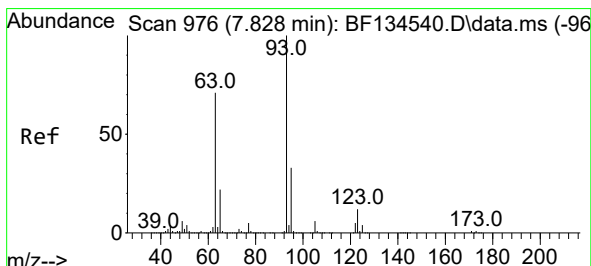
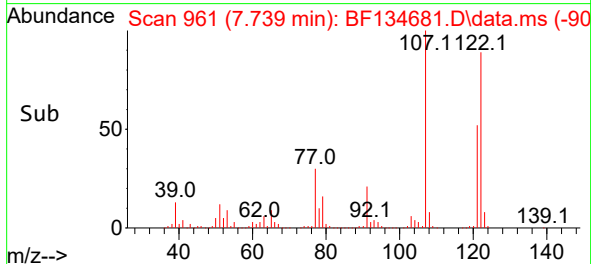
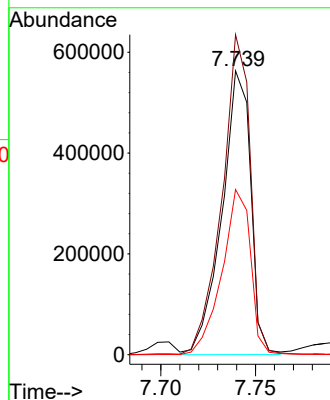
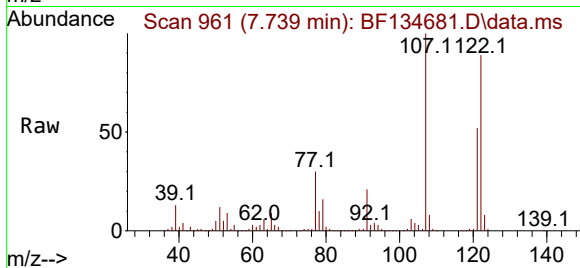
Tgt Ion:122 Resp: 593176

Ion Ratio Lower Upper

122 100

107 112.8 106.7 160.1

121 58.2 49.0 73.6



#28

bis(2-Chloroethoxy)methane

Concen: 46.062 ng

RT: 7.839 min Scan# 978

Delta R.T. 0.006 min

Lab File: BF134681.D

Acq: 09 Aug 2023 09:45

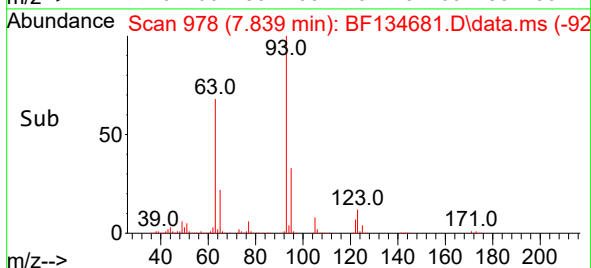
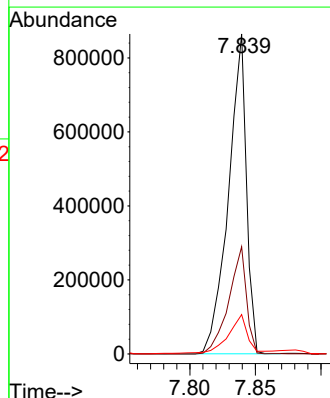
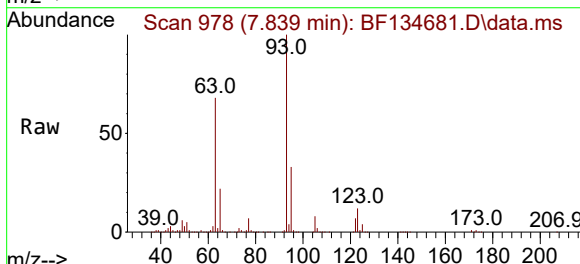
Tgt Ion: 93 Resp: 823296

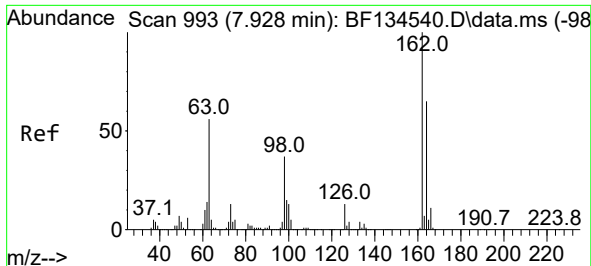
Ion Ratio Lower Upper

93 100

95 33.5 26.5 39.7

123 12.3 9.6 14.4

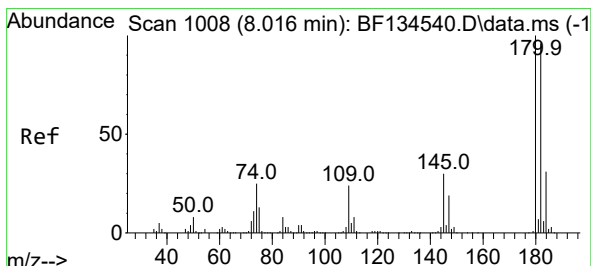
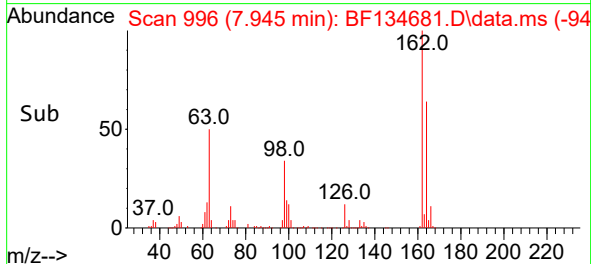
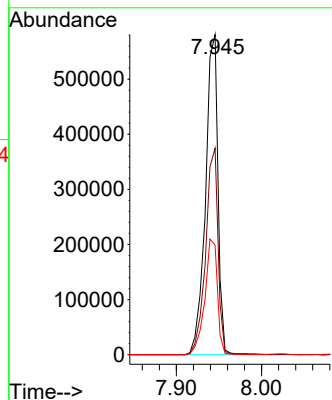
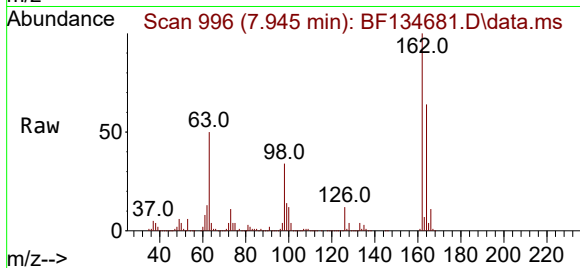




#29
2,4-Dichlorophenol
Concen: 48.749 ng
RT: 7.945 min Scan# 99
Delta R.T. 0.006 min
Lab File: BF134681.D
Acq: 09 Aug 2023 09:45

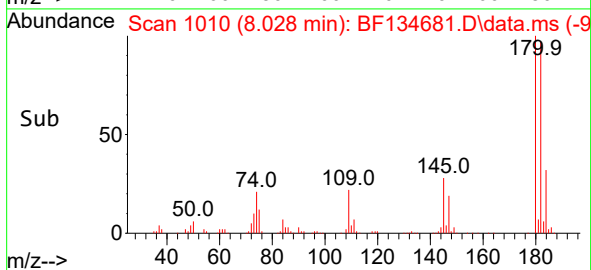
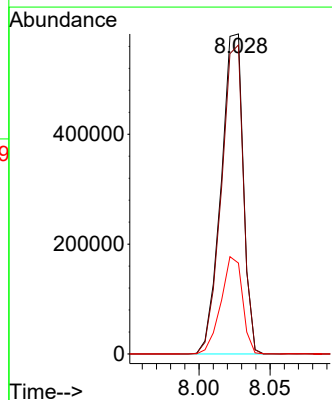
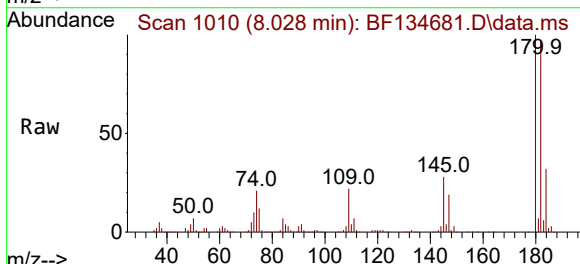
Instrument :
BNA_F
ClientSampleId :
PB154669BS

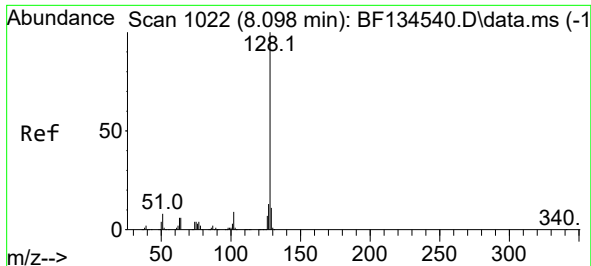
Tgt Ion:162 Resp: 589874
Ion Ratio Lower Upper
162 100
164 64.5 42.2 82.2
98 34.2 15.5 55.5



#30
1,2,4-Trichlorobenzene
Concen: 48.993 ng
RT: 8.028 min Scan# 1010
Delta R.T. 0.006 min
Lab File: BF134681.D
Acq: 09 Aug 2023 09:45

Tgt Ion:180 Resp: 632162
Ion Ratio Lower Upper
180 100
182 96.6 75.0 112.6
145 28.4 25.5 38.3

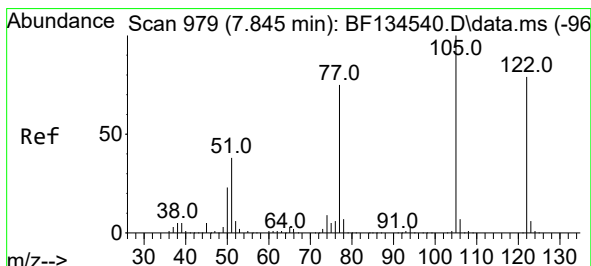
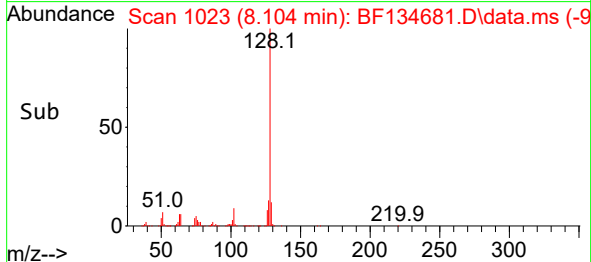
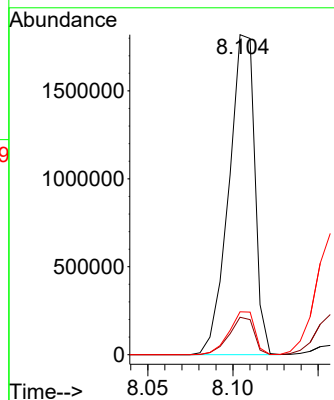
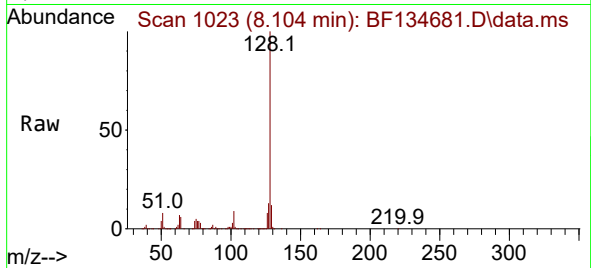




#31
Naphthalene
Concen: 44.800 ng
RT: 8.104 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF134681.D
Acq: 09 Aug 2023 09:45

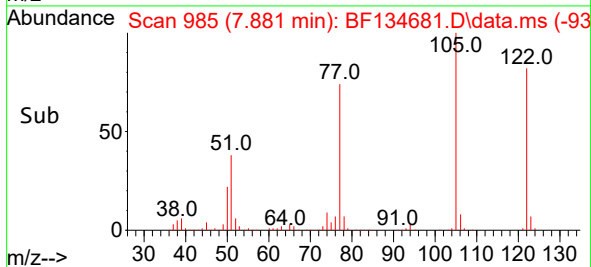
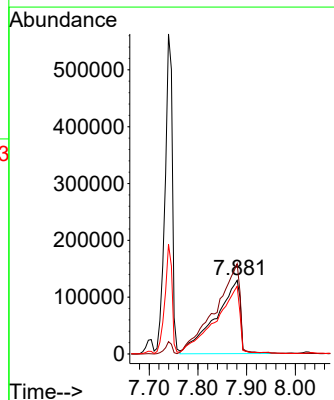
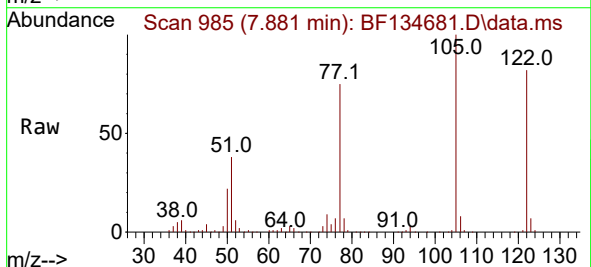
Instrument :
BNA_F
ClientSampleId :
PB154669BS

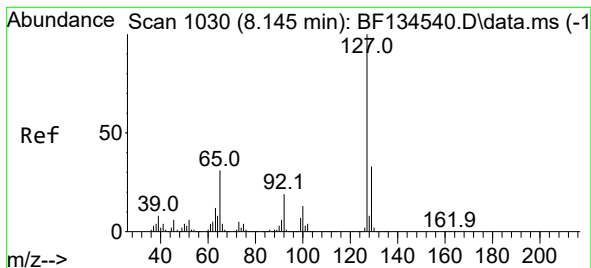
Tgt Ion:128 Resp: 1927541
Ion Ratio Lower Upper
128 100
129 11.7 8.4 12.6
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 52.374 ng
RT: 7.881 min Scan# 985
Delta R.T. 0.018 min
Lab File: BF134681.D
Acq: 09 Aug 2023 09:45

Tgt Ion:122 Resp: 462931
Ion Ratio Lower Upper
122 100
105 122.5 87.5 127.5
77 91.9 71.4 111.4





#33

4-Chloroaniline

Concen: 33.013 ng

RT: 8.157 min Scan# 1032

Delta R.T. 0.006 min

Lab File: BF134681.D

Acq: 09 Aug 2023 09:45

Instrument :

BNA_F

ClientSampleId :

PB154669BS

Tgt Ion:127 Resp: 632887

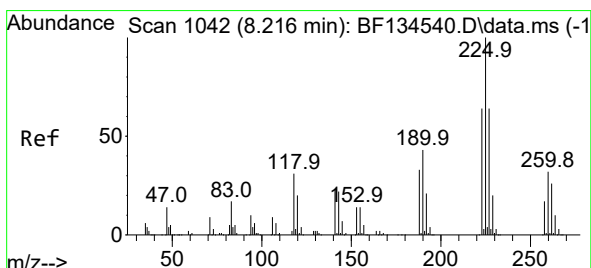
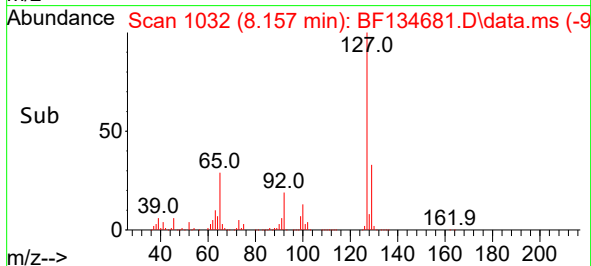
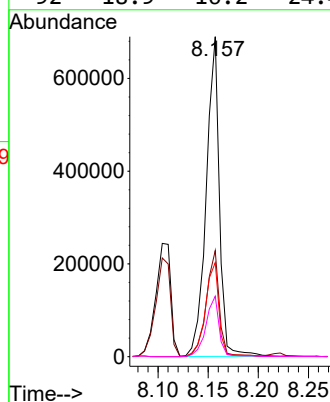
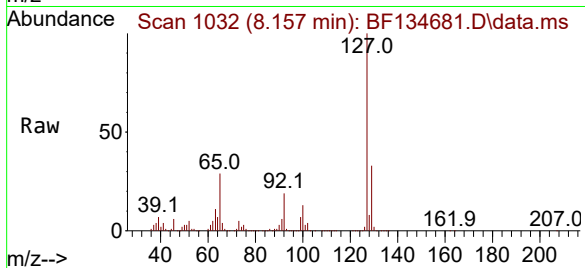
Ion Ratio Lower Upper

127 100

129 33.2 25.6 38.4

65 29.4 25.4 38.0

92 18.9 16.2 24.4



#34

Hexachlorobutadiene

Concen: 48.186 ng

RT: 8.222 min Scan# 1043

Delta R.T. 0.006 min

Lab File: BF134681.D

Acq: 09 Aug 2023 09:45

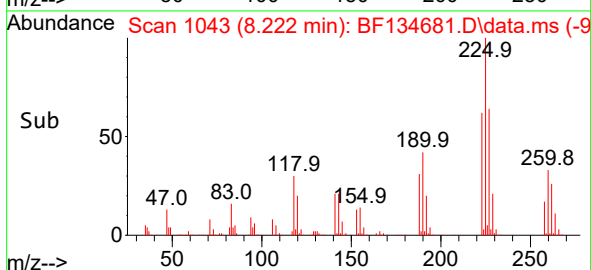
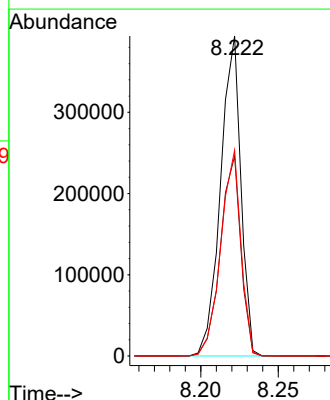
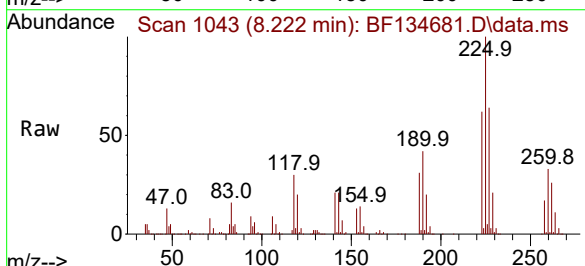
Tgt Ion:225 Resp: 358640

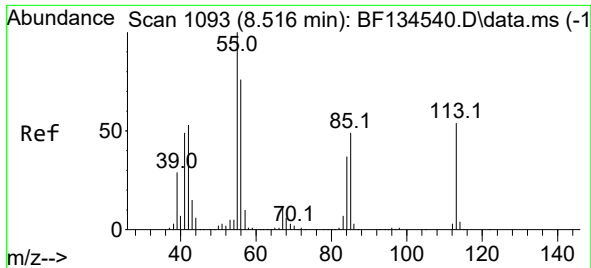
Ion Ratio Lower Upper

225 100

223 62.4 48.2 72.4

227 64.3 48.5 72.7

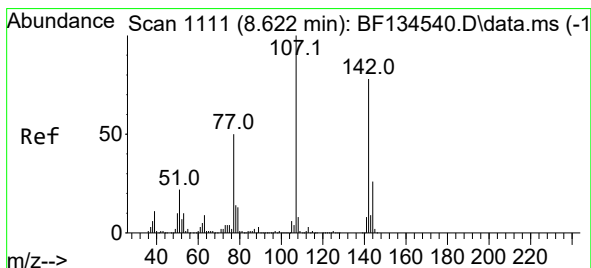
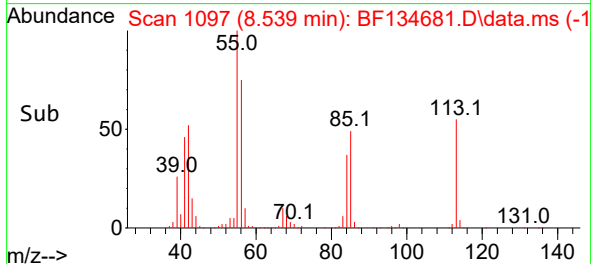
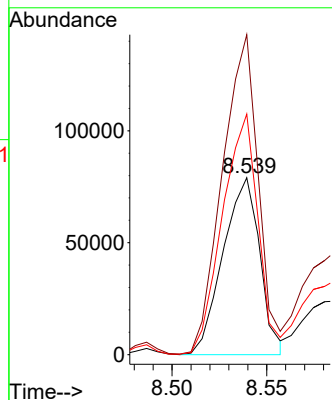
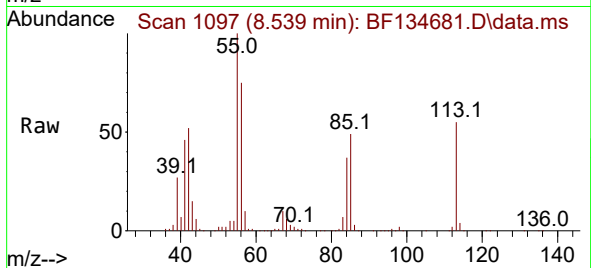




#35
 Caprolactam
 Concen: 27.357 ng
 RT: 8.539 min Scan# 1097
 Delta R.T. 0.006 min
 Lab File: BF134681.D
 Acq: 09 Aug 2023 09:45

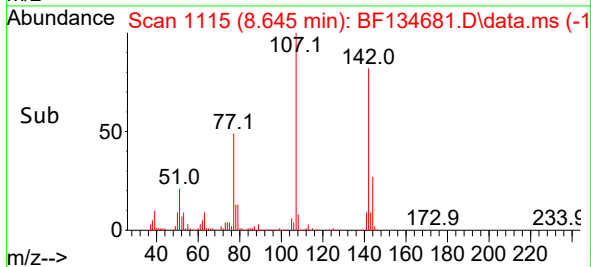
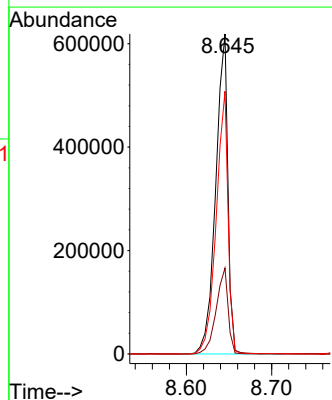
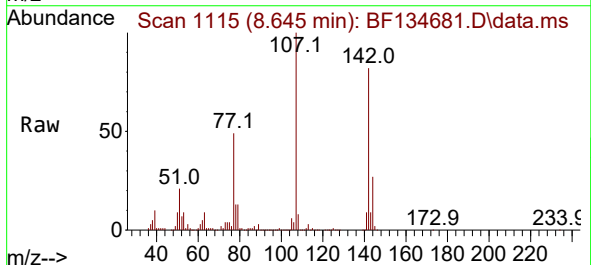
Instrument :
 BNA_F
 ClientSampleId :
 PB154669BS

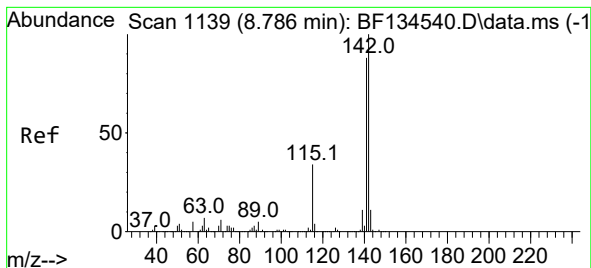
Tgt Ion:113 Resp: 106799
 Ion Ratio Lower Upper
 113 100
 55 180.8 161.5 201.5
 56 136.0 117.8 157.8



#36
 4-Chloro-3-methylphenol
 Concen: 47.838 ng
 RT: 8.645 min Scan# 1115
 Delta R.T. 0.012 min
 Lab File: BF134681.D
 Acq: 09 Aug 2023 09:45

Tgt Ion:107 Resp: 613019
 Ion Ratio Lower Upper
 107 100
 144 26.8 19.6 29.4
 142 82.1 57.7 86.5





#37

2-Methylnaphthalene

Concen: 43.564 ng

RT: 8.798 min Scan# 1141

Delta R.T. 0.006 min

Lab File: BF134681.D

Acq: 09 Aug 2023 09:45

Instrument :

BNA_F

ClientSampleId :

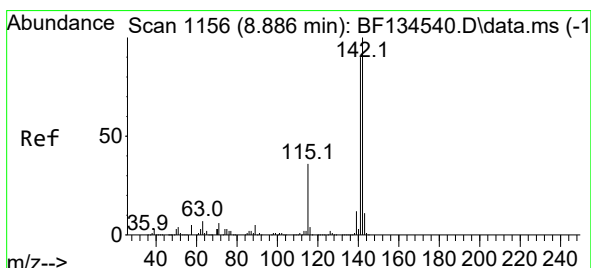
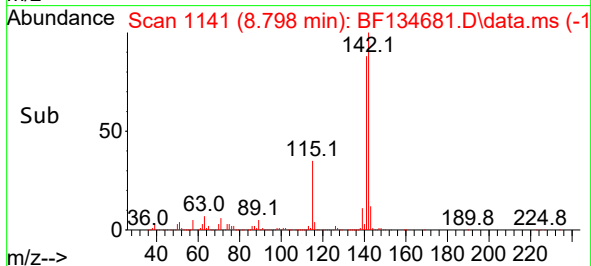
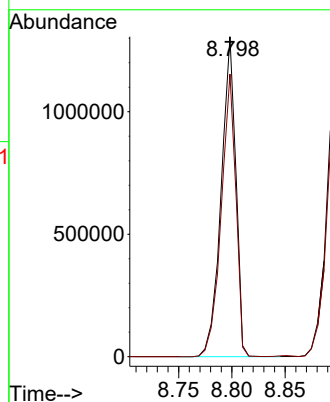
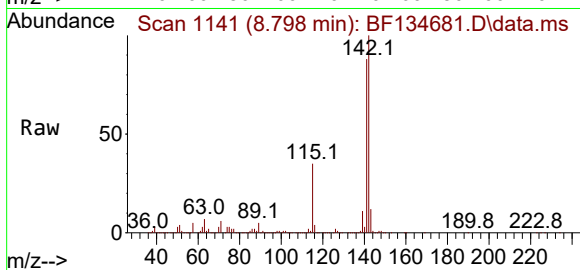
PB154669BS

Tgt Ion:142 Resp: 1242413

Ion Ratio Lower Upper

142 100

141 88.3 70.8 106.2



#38

1-Methylnaphthalene

Concen: 44.182 ng

RT: 8.898 min Scan# 1158

Delta R.T. 0.006 min

Lab File: BF134681.D

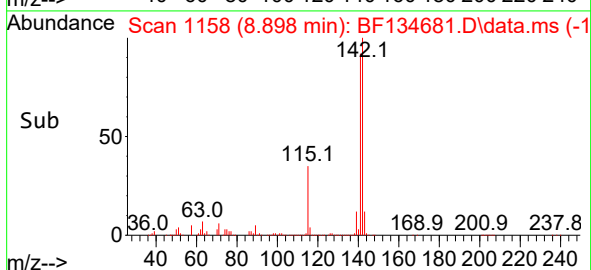
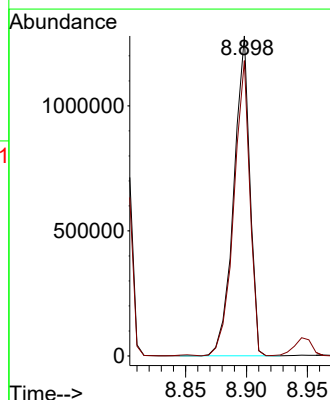
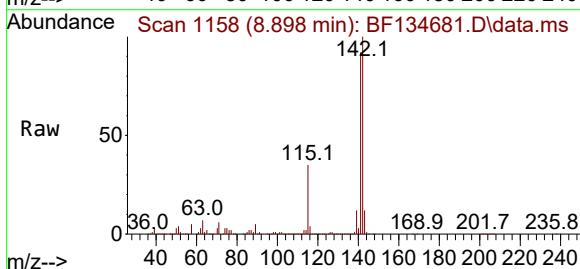
Acq: 09 Aug 2023 09:45

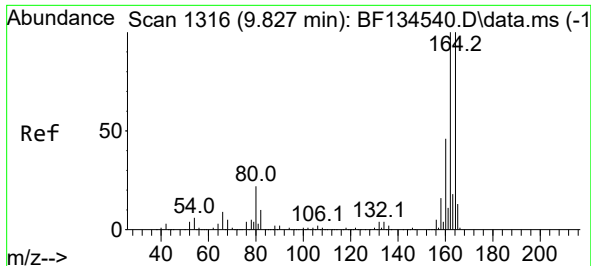
Tgt Ion:142 Resp: 1171703

Ion Ratio Lower Upper

142 100

141 92.3 71.4 107.2

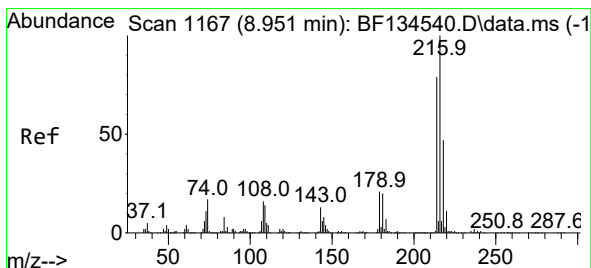
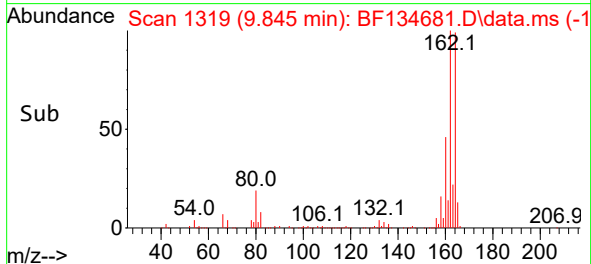
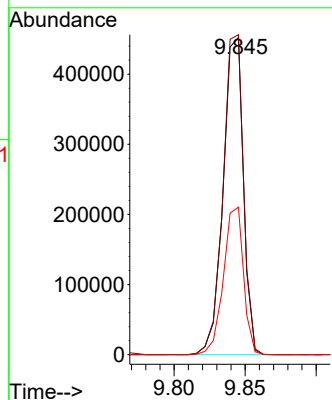
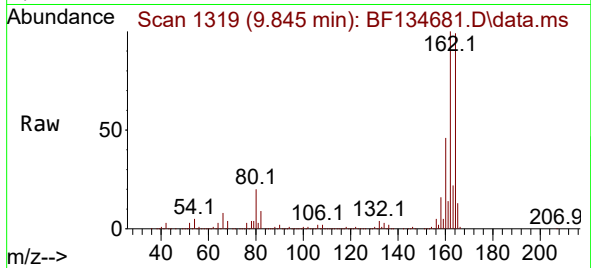




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1119
Delta R.T. 0.012 min
Lab File: BF134681.D
Acq: 09 Aug 2023 09:45

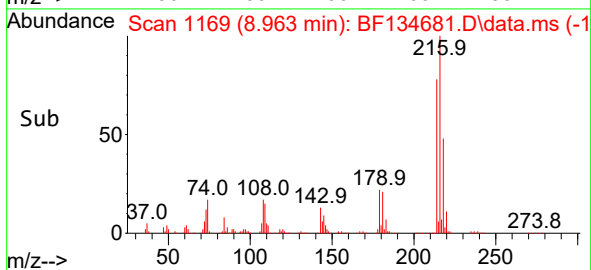
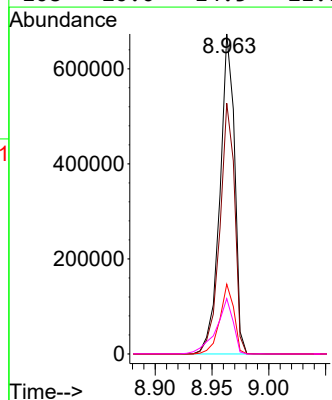
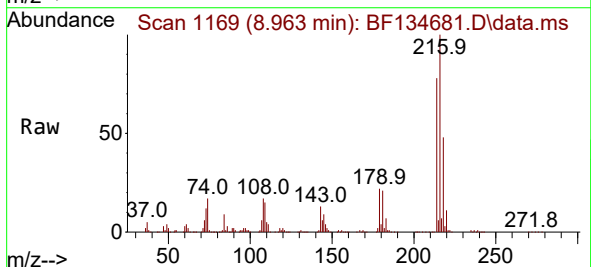
Instrument :
BNA_F
ClientSampleId :
PB154669BS

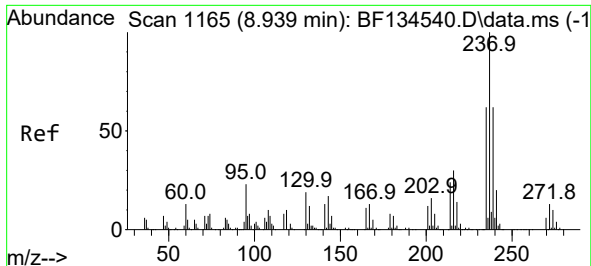
Tgt Ion:164 Resp: 447123
Ion Ratio Lower Upper
164 100
162 100.8 82.6 123.8
160 46.5 37.2 55.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.624 ng
RT: 8.963 min Scan# 1169
Delta R.T. 0.006 min
Lab File: BF134681.D
Acq: 09 Aug 2023 09:45

Tgt Ion:216 Resp: 606210
Ion Ratio Lower Upper
216 100
214 78.9 62.3 93.5
179 21.0 17.4 26.0
108 20.0 14.5 21.7

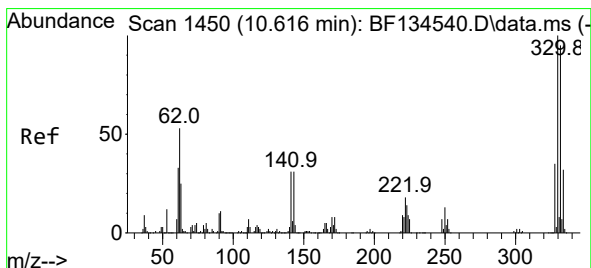
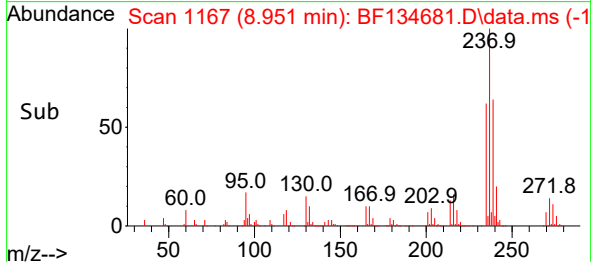
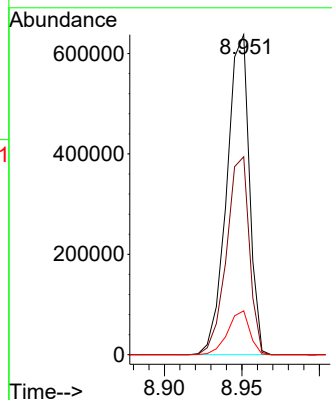
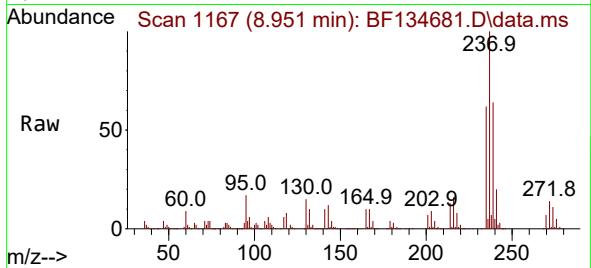




#41
Hexachlorocyclopentadiene
Concen: 102.364 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.006 min
Lab File: BF134681.D
Acq: 09 Aug 2023 09:45

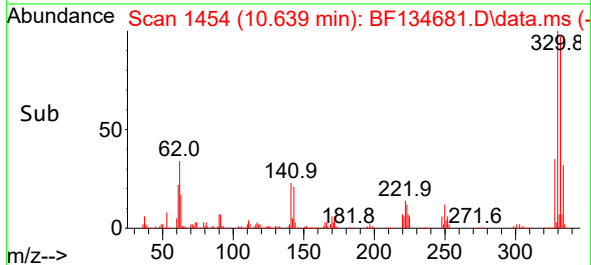
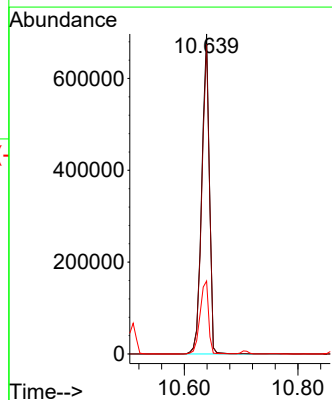
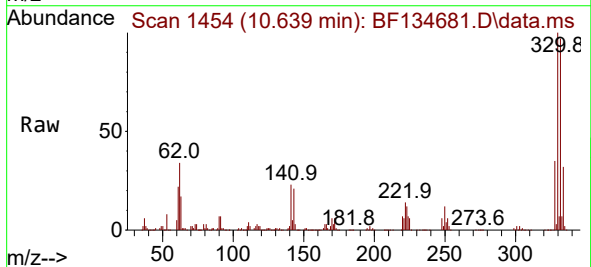
Instrument :
BNA_F
ClientSampleId :
PB154669BS

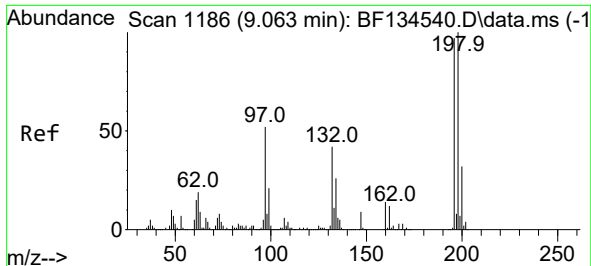
Tgt Ion:237 Resp: 647218
Ion Ratio Lower Upper
237 100
235 61.9 37.0 77.0
272 13.7 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 142.549 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.012 min
Lab File: BF134681.D
Acq: 09 Aug 2023 09:45

Tgt Ion:330 Resp: 649737
Ion Ratio Lower Upper
330 100
332 96.6 78.8 118.2
141 25.6 25.4 38.2

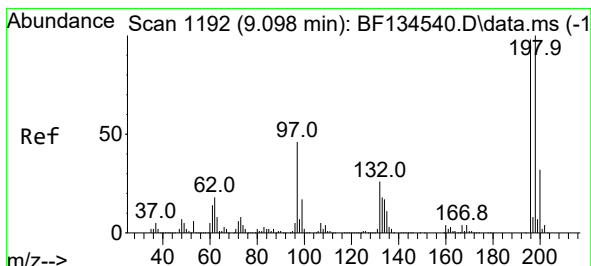
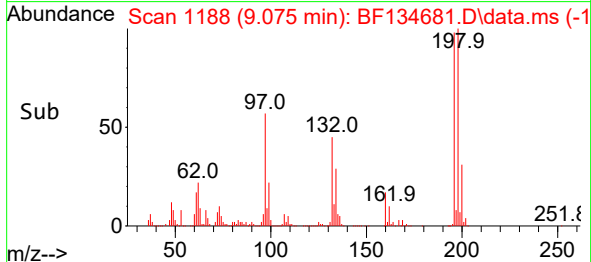
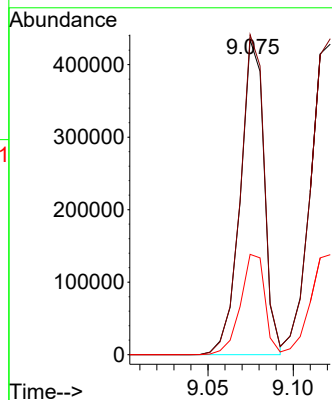
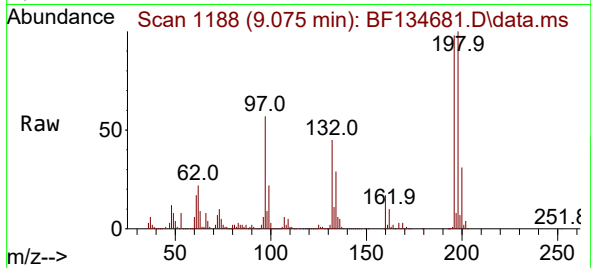




#43
2,4,6-Trichlorophenol
Concen: 49.886 ng
RT: 9.075 min Scan# 1188
Delta R.T. 0.006 min
Lab File: BF134681.D
Acq: 09 Aug 2023 09:45

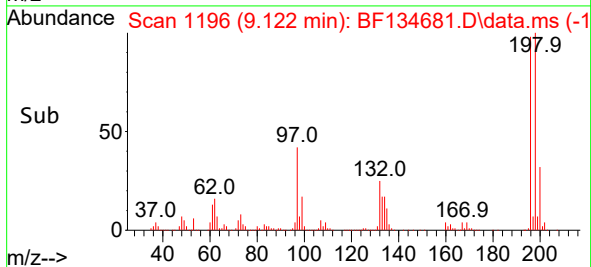
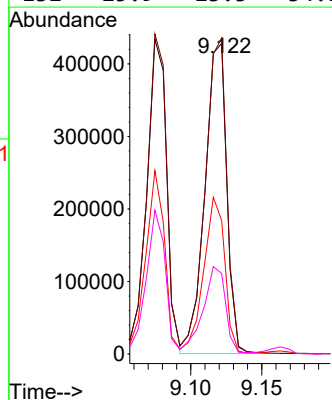
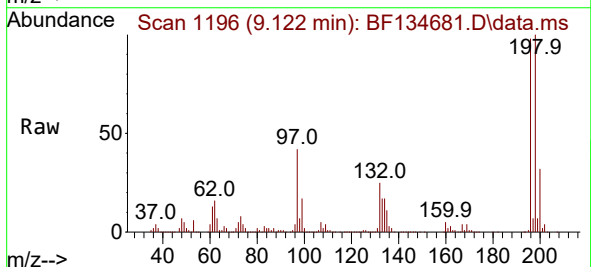
Instrument :
BNA_F
ClientSampleId :
PB154669BS

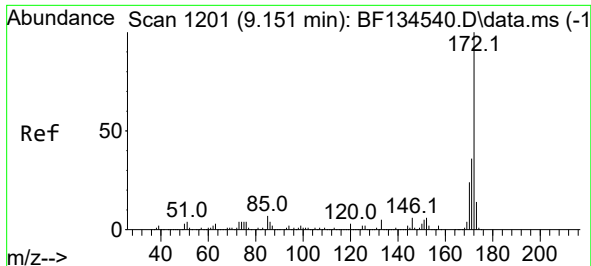
Tgt Ion:196 Resp: 424496
Ion Ratio Lower Upper
196 100
198 101.6 77.4 116.2
200 31.9 25.4 38.2



#44
2,4,5-Trichlorophenol
Concen: 47.132 ng
RT: 9.122 min Scan# 1196
Delta R.T. 0.012 min
Lab File: BF134681.D
Acq: 09 Aug 2023 09:45

Tgt Ion:196 Resp: 458378
Ion Ratio Lower Upper
196 100
198 101.7 73.0 109.4
97 43.0 40.8 61.2
132 25.9 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 84.399 ng

RT: 9.163 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF134681.D

Acq: 09 Aug 2023 09:45

Instrument :

BNA_F

ClientSampleId :

PB154669BS

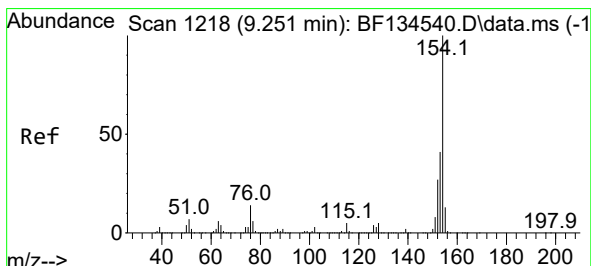
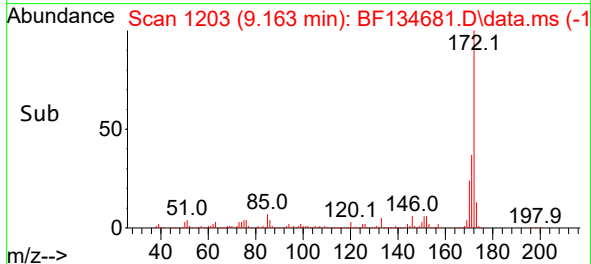
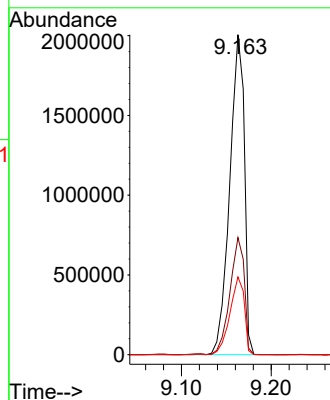
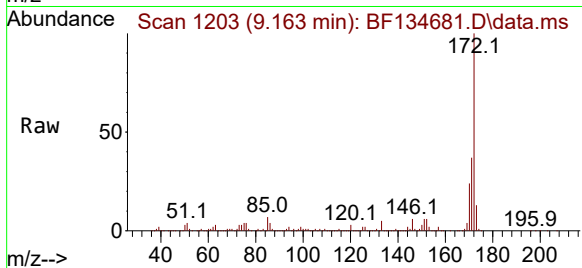
Tgt Ion:172 Resp: 2269601

Ion Ratio Lower Upper

172 100

171 36.6 28.8 43.2

170 24.3 18.7 28.1



#46

1,1'-Biphenyl

Concen: 44.887 ng

RT: 9.263 min Scan# 1220

Delta R.T. 0.000 min

Lab File: BF134681.D

Acq: 09 Aug 2023 09:45

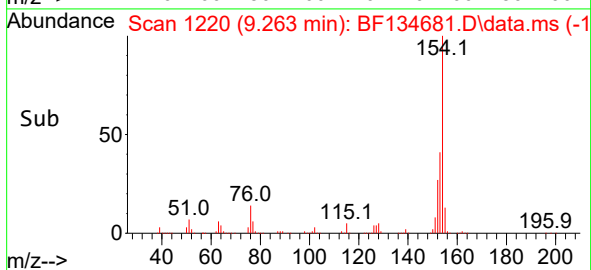
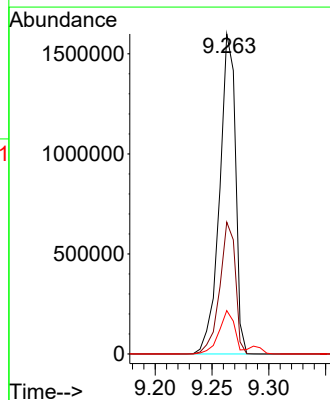
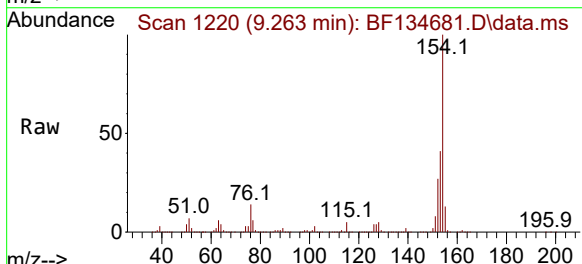
Tgt Ion:154 Resp: 1560717

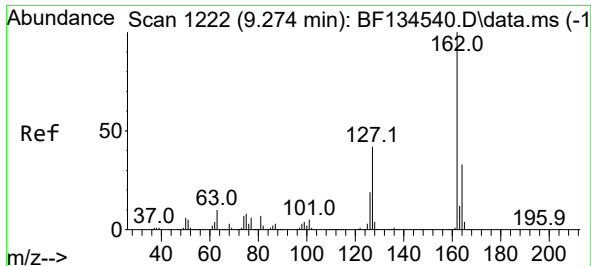
Ion Ratio Lower Upper

154 100

153 41.2 20.8 60.8

76 13.5 0.0 30.2

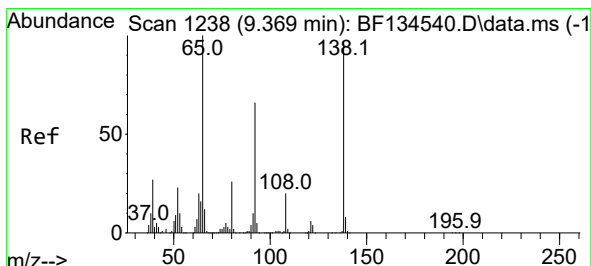
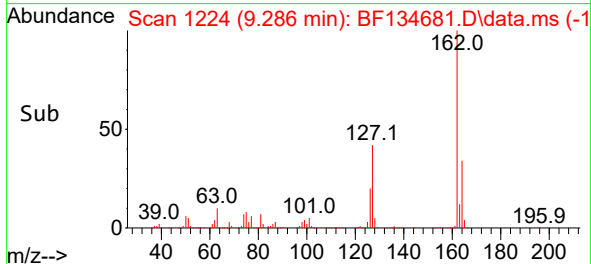
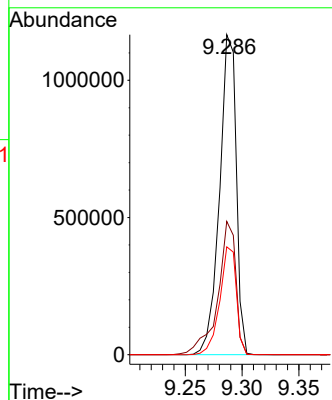
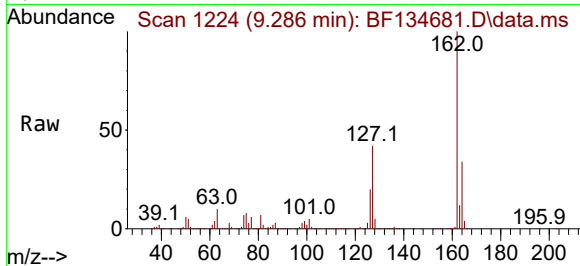




#47
2-Chloronaphthalene
Concen: 45.959 ng
RT: 9.286 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134681.D
Acq: 09 Aug 2023 09:45

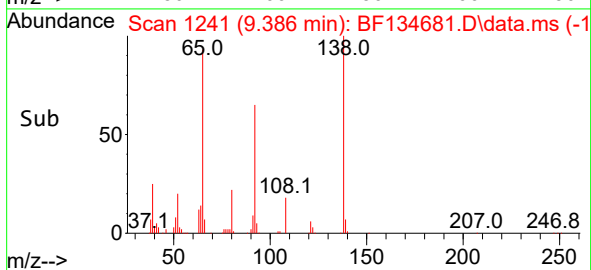
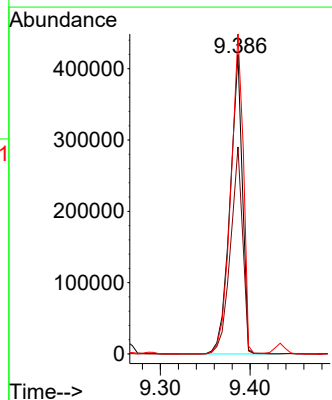
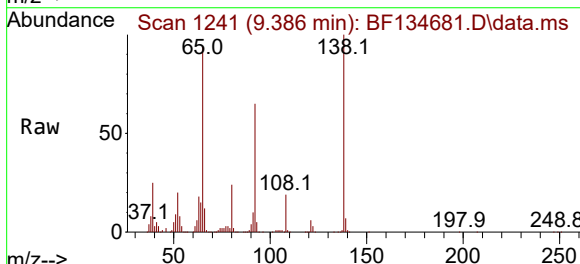
Instrument :
BNA_F
ClientSampleId :
PB154669BS

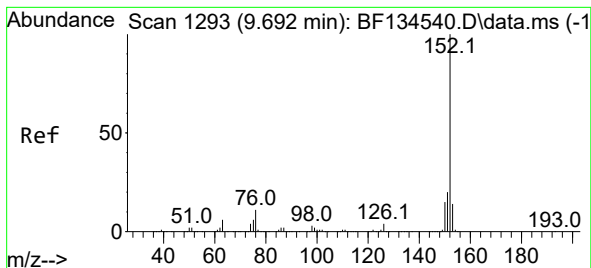
Tgt Ion:162 Resp: 1197370
Ion Ratio Lower Upper
162 100
127 41.6 34.0 51.0
164 33.7 25.7 38.5



#48
2-Nitroaniline
Concen: 49.494 ng
RT: 9.386 min Scan# 1241
Delta R.T. 0.006 min
Lab File: BF134681.D
Acq: 09 Aug 2023 09:45

Tgt Ion: 65 Resp: 402864
Ion Ratio Lower Upper
65 100
92 69.1 50.7 76.1
138 106.8 78.2 117.4





#49

Acenaphthylene

Concen: 45.490 ng

RT: 9.704 min Scan# 1295

Delta R.T. 0.006 min

Lab File: BF134681.D

Acq: 09 Aug 2023 09:45

Instrument :

BNA_F

ClientSampleId :

PB154669BS

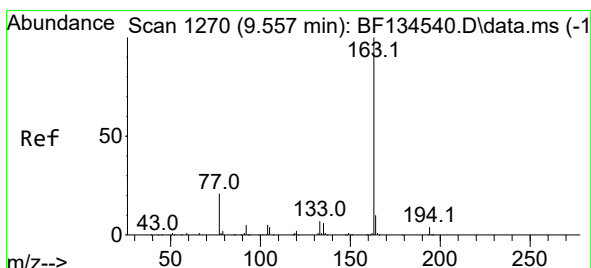
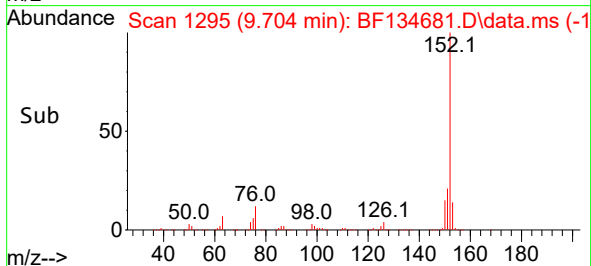
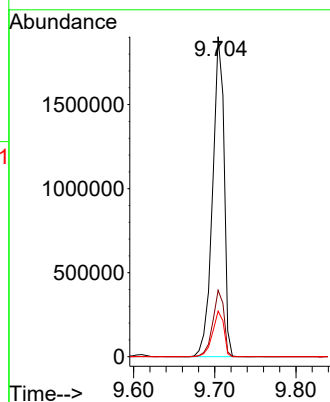
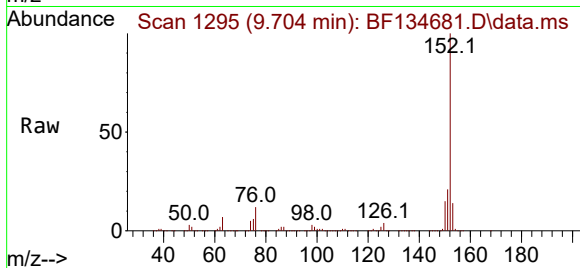
Tgt Ion:152 Resp: 1862935

Ion Ratio Lower Upper

152 100

151 20.8 16.4 24.6

153 14.3 10.9 16.3



#50

Dimethylphthalate

Concen: 48.103 ng

RT: 9.575 min Scan# 1273

Delta R.T. 0.006 min

Lab File: BF134681.D

Acq: 09 Aug 2023 09:45

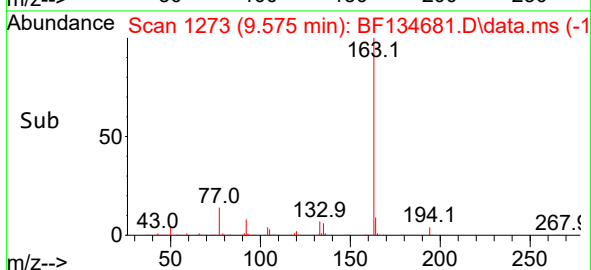
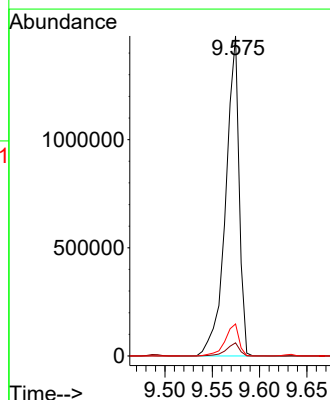
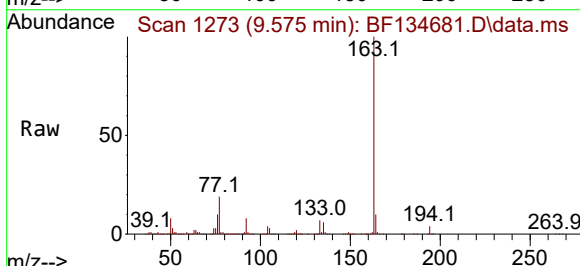
Tgt Ion:163 Resp: 1465926

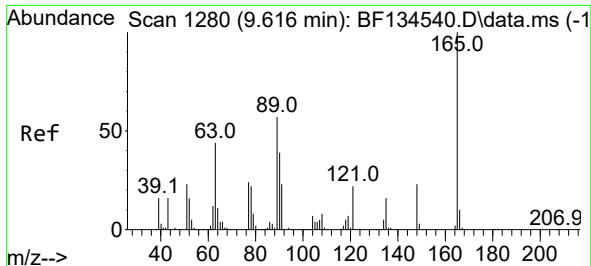
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.0 7.5 11.3





#51

2,6-Dinitrotoluene

Concen: 52.278 ng

RT: 9.633 min Scan# 1283

Delta R.T. 0.006 min

Lab File: BF134681.D

Acq: 09 Aug 2023 09:45

Instrument :

BNA_F

ClientSampleId :

PB154669BS

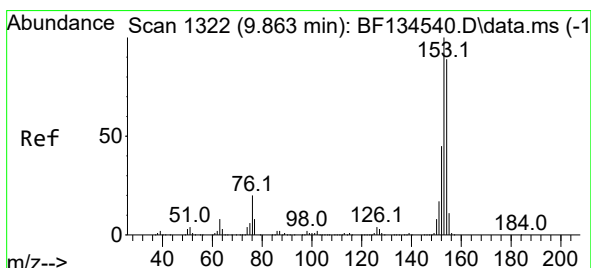
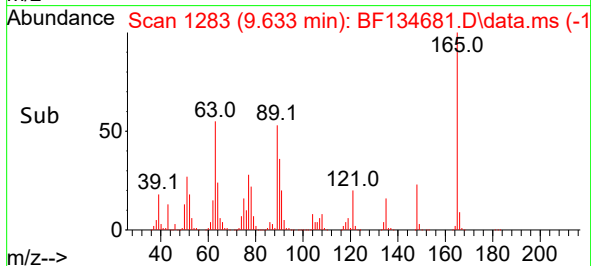
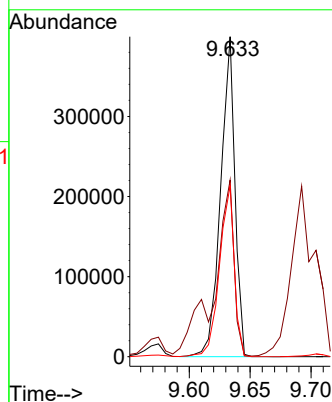
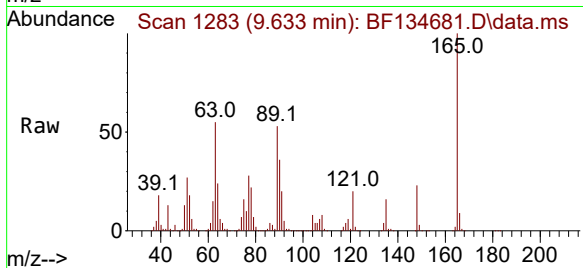
Tgt Ion:165 Resp: 327889

Ion Ratio Lower Upper

165 100

63 55.2 57.8 86.6#

89 53.5 51.8 77.8



#52

Acenaphthene

Concen: 42.392 ng

RT: 9.880 min Scan# 1325

Delta R.T. 0.006 min

Lab File: BF134681.D

Acq: 09 Aug 2023 09:45

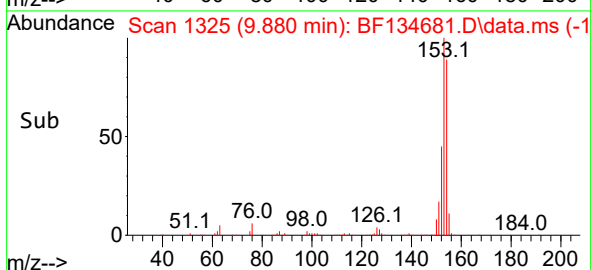
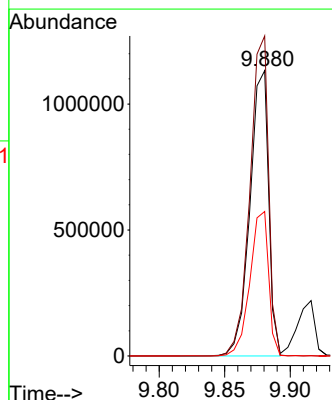
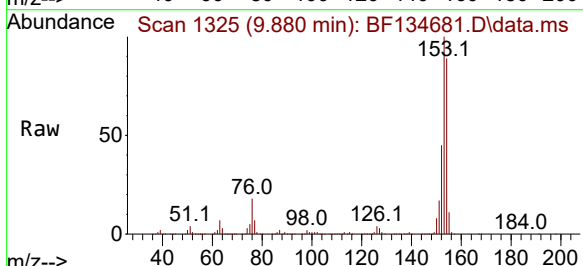
Tgt Ion:154 Resp: 1125030

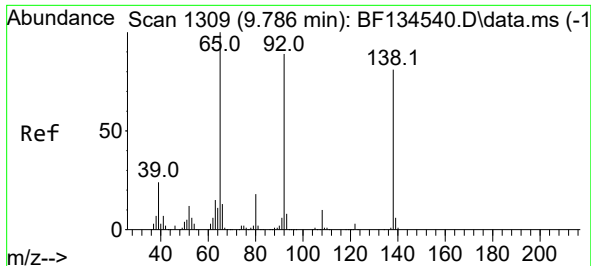
Ion Ratio Lower Upper

154 100

153 112.2 90.0 135.0

152 50.6 42.4 63.6

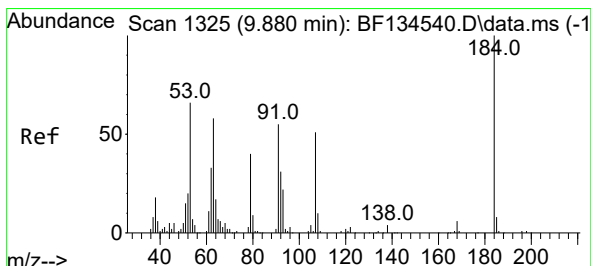
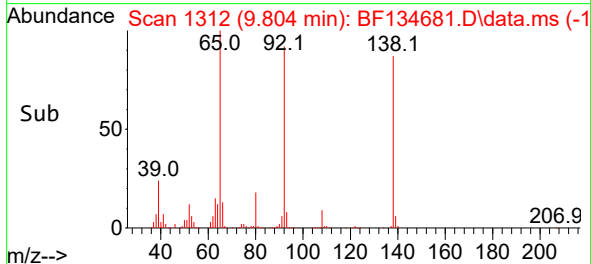
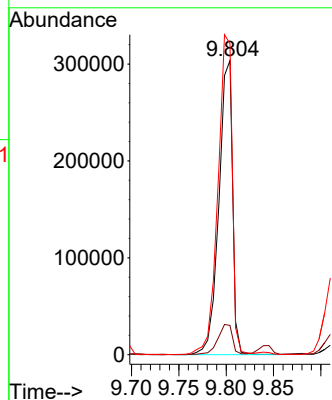
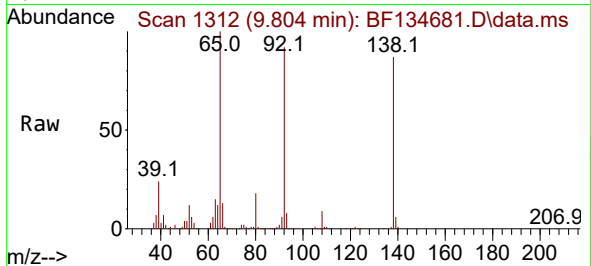




#53
3-Nitroaniline
Concen: 45.170 ng
RT: 9.804 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF134681.D
Acq: 09 Aug 2023 09:45

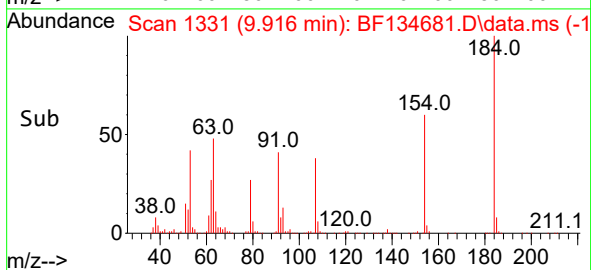
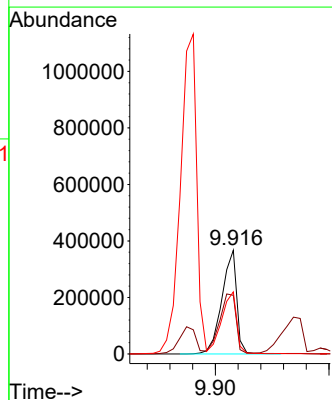
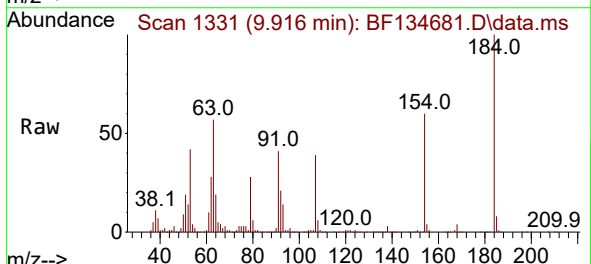
Instrument :
BNA_F
ClientSampleId :
PB154669BS

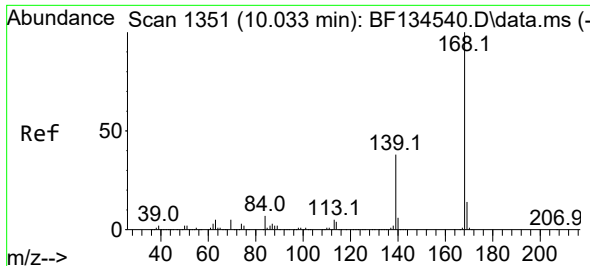
Tgt Ion:138 Resp: 306817
Ion Ratio Lower Upper
138 100
108 10.0 9.3 13.9
92 105.8 86.6 129.8



#54
2,4-Dinitrophenol
Concen: 114.678 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.018 min
Lab File: BF134681.D
Acq: 09 Aug 2023 09:45

Tgt Ion:184 Resp: 336266
Ion Ratio Lower Upper
184 100
63 56.6 57.1 85.7#
154 60.0 59.1 88.7

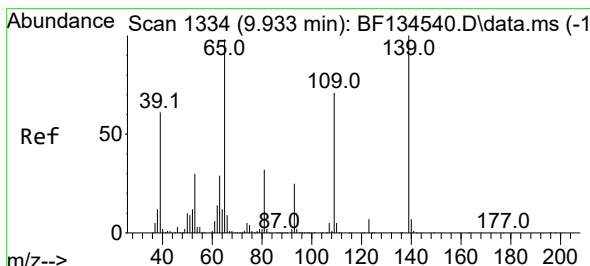
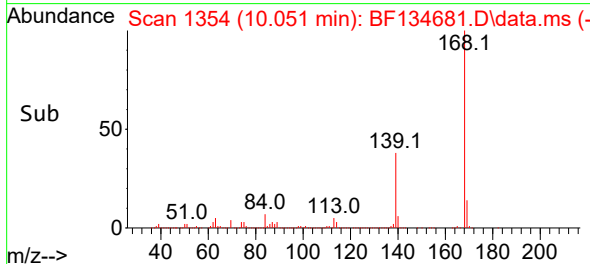
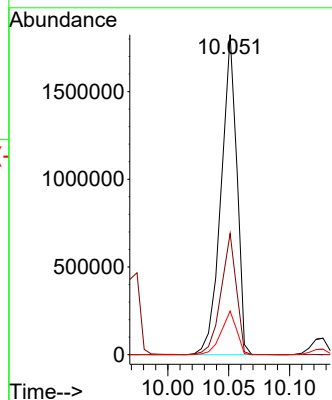
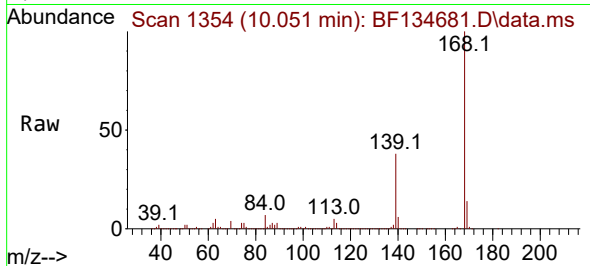




#55
Dibenzenofuran
Concen: 43.433 ng
RT: 10.051 min Scan# 1351
Delta R.T. 0.006 min
Lab File: BF134681.D
Acq: 09 Aug 2023 09:45

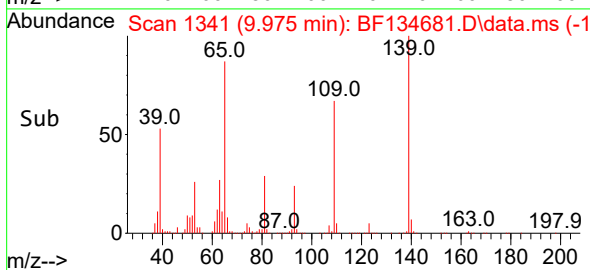
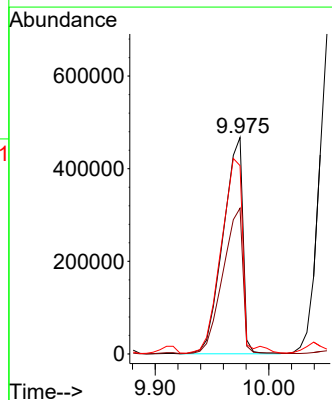
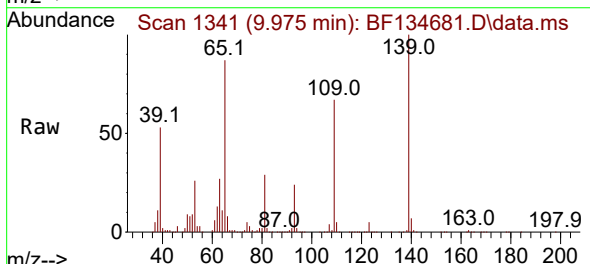
Instrument :
BNA_F
ClientSampleId :
PB154669BS

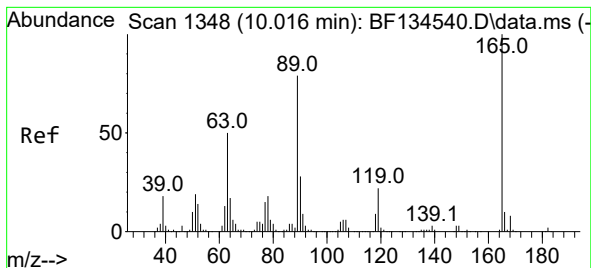
Tgt Ion:168 Resp: 1640901
Ion Ratio Lower Upper
168 100
139 37.9 33.4 50.2
169 13.6 10.6 15.8



#56
4-Nitrophenol
Concen: 101.862 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.024 min
Lab File: BF134681.D
Acq: 09 Aug 2023 09:45

Tgt Ion:139 Resp: 565887
Ion Ratio Lower Upper
139 100
109 67.3 76.9 116.9#
65 87.0 98.5 138.5#

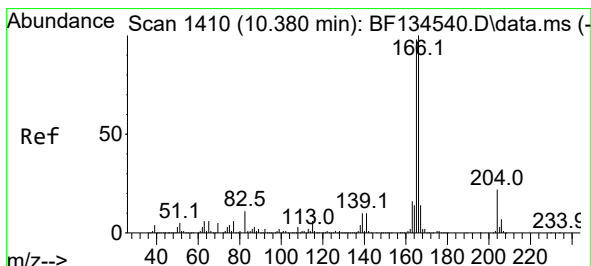
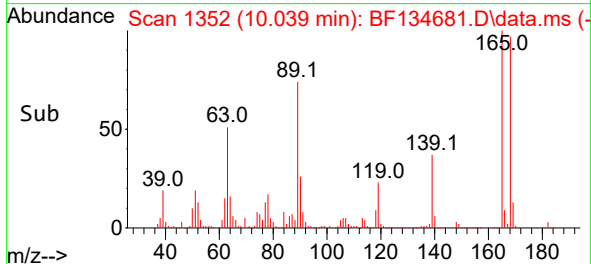
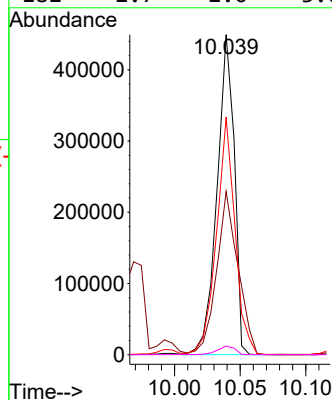
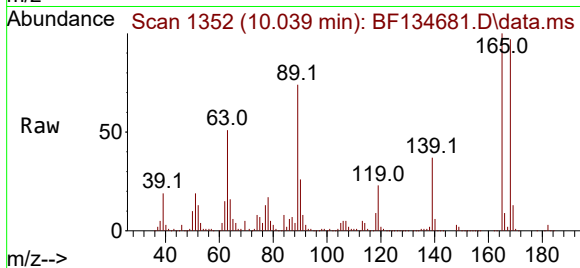




#57
2,4-Dinitrotoluene
Concen: 54.080 ng
RT: 10.039 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF134681.D
Acq: 09 Aug 2023 09:45

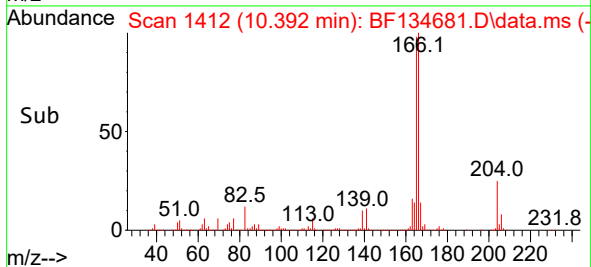
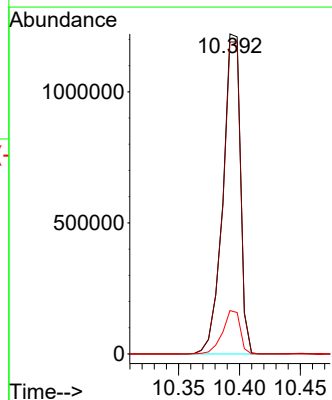
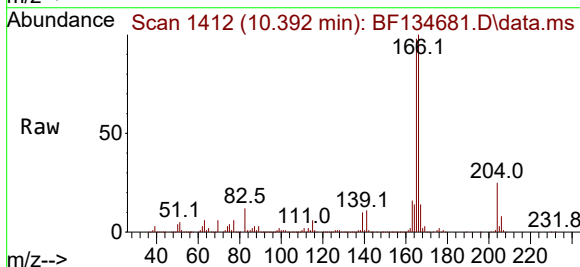
Instrument :
BNA_F
ClientSampleId :
PB154669BS

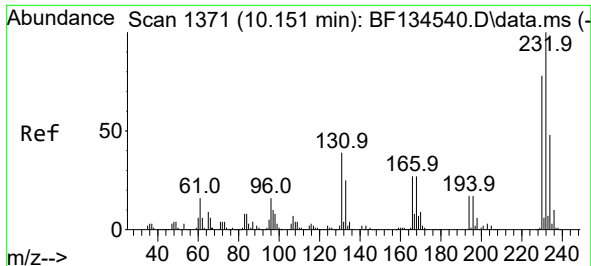
Tgt Ion:165 Resp: 410749
Ion Ratio Lower Upper
165 100
63 51.0 48.9 73.3
89 74.2 61.7 92.5
182 2.7 2.0 3.0



#58
Fluorene
Concen: 44.486 ng
RT: 10.392 min Scan# 1412
Delta R.T. 0.006 min
Lab File: BF134681.D
Acq: 09 Aug 2023 09:45

Tgt Ion:166 Resp: 1224163
Ion Ratio Lower Upper
166 100
165 97.5 74.5 111.7
167 13.6 10.6 16.0

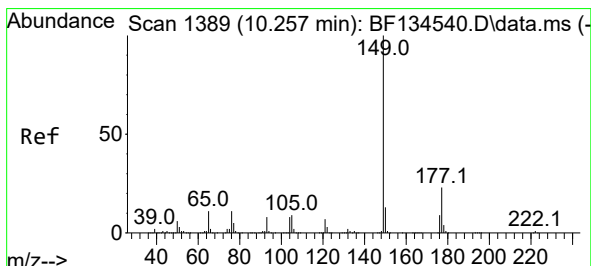
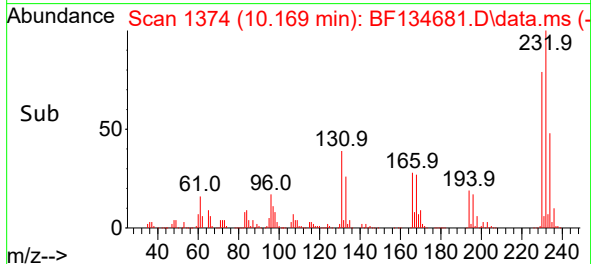
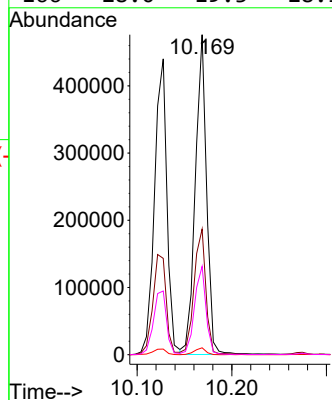
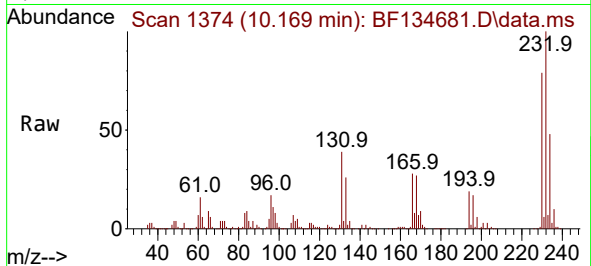




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.476 ng
RT: 10.169 min Scan# 1374
Delta R.T. 0.012 min
Lab File: BF134681.D
Acq: 09 Aug 2023 09:45

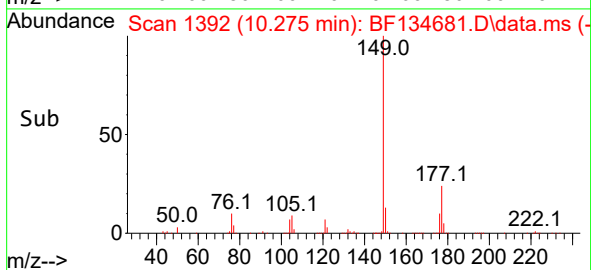
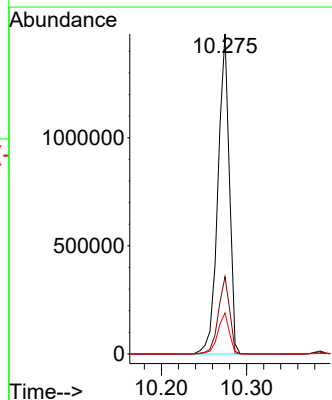
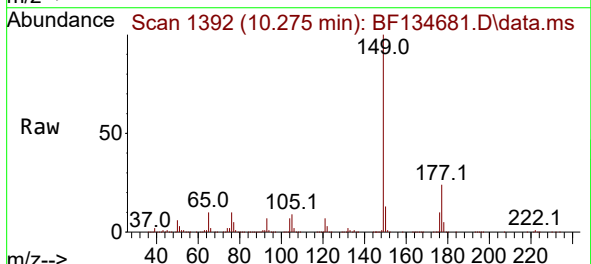
Instrument :
BNA_F
ClientSampleId :
PB154669BS

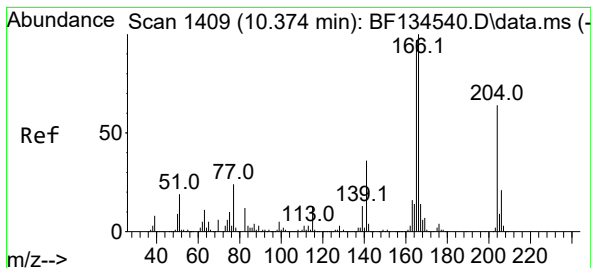
Tgt Ion:232 Resp: 396061
Ion Ratio Lower Upper
232 100
131 41.0 33.4 50.0
130 2.1 1.8 2.6
166 28.0 19.3 28.9



#60
Diethylphthalate
Concen: 47.491 ng
RT: 10.275 min Scan# 1392
Delta R.T. 0.006 min
Lab File: BF134681.D
Acq: 09 Aug 2023 09:45

Tgt Ion:149 Resp: 1371801
Ion Ratio Lower Upper
149 100
177 24.2 17.0 25.4
150 12.9 9.9 14.9

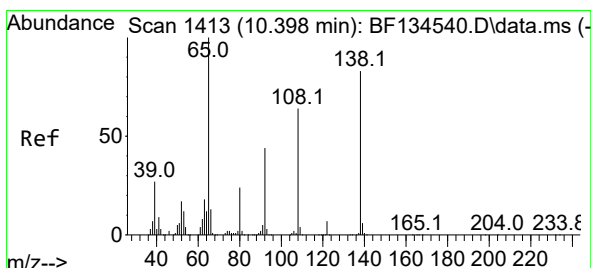
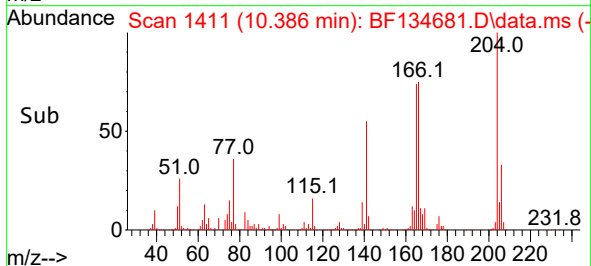
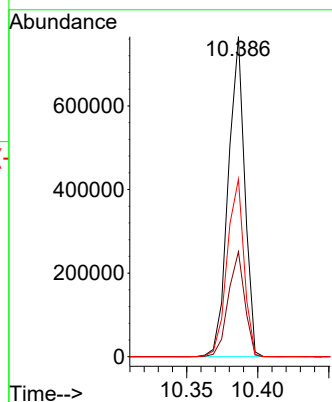
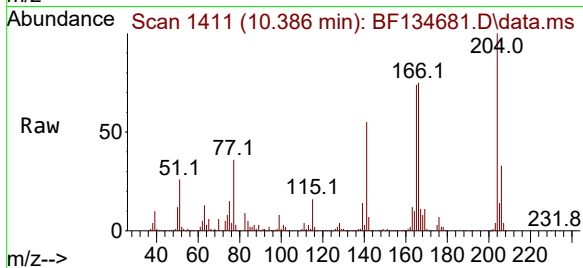




#61
4-Chlorophenyl-phenylether
Concen: 45.448 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF134681.D
Acq: 09 Aug 2023 09:45

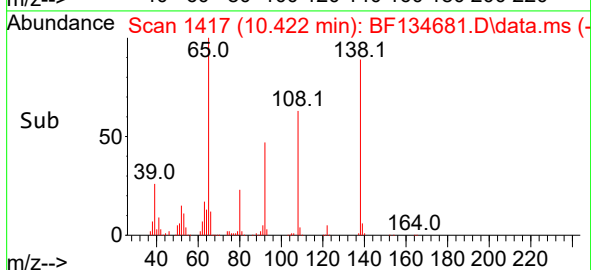
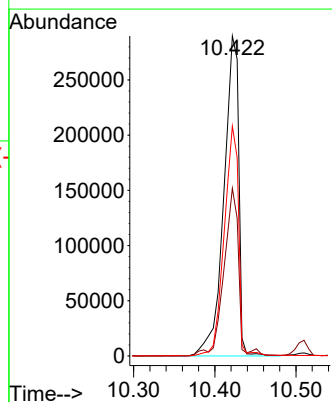
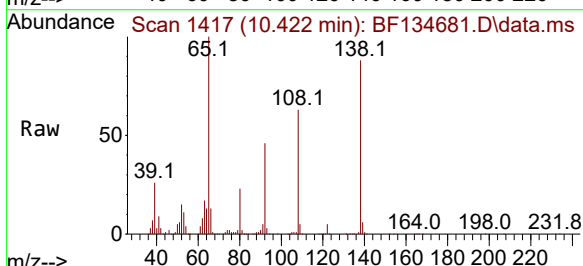
Instrument :
BNA_F
ClientSampleId :
PB154669BS

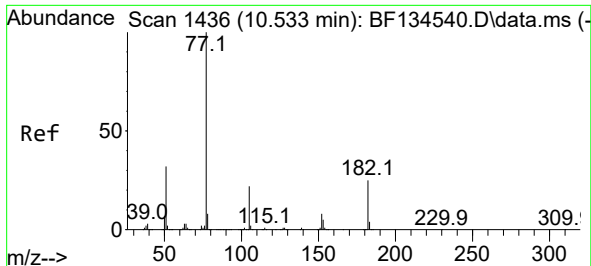
Tgt Ion:204 Resp: 614733
Ion Ratio Lower Upper
204 100
206 32.8 26.0 39.0
141 55.5 52.2 78.4



#62
4-Nitroaniline
Concen: 55.546 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.012 min
Lab File: BF134681.D
Acq: 09 Aug 2023 09:45

Tgt Ion:138 Resp: 369810
Ion Ratio Lower Upper
138 100
92 52.4 27.0 67.0
108 71.8 70.4 110.4

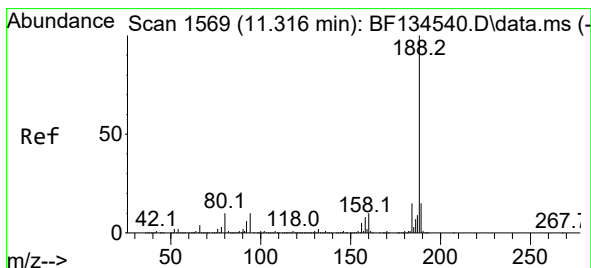
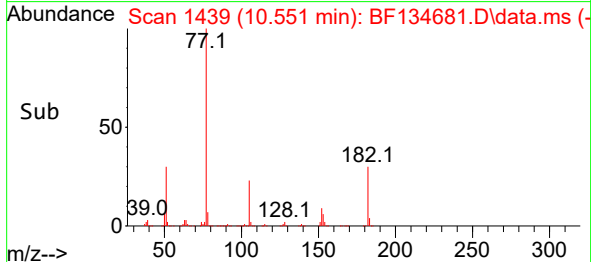
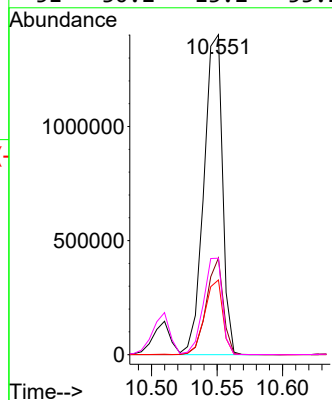
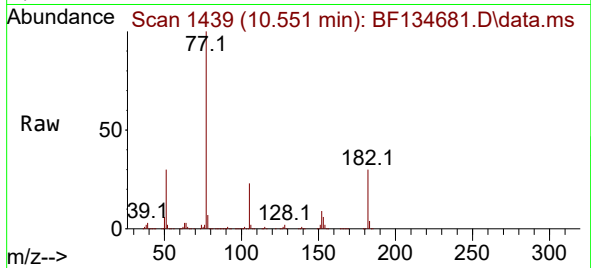




#63
Azobenzene
Concen: 44.643 ng
RT: 10.551 min Scan# 1436
Delta R.T. 0.012 min
Lab File: BF134681.D
Acq: 09 Aug 2023 09:45

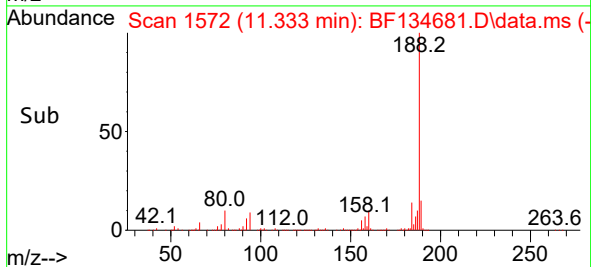
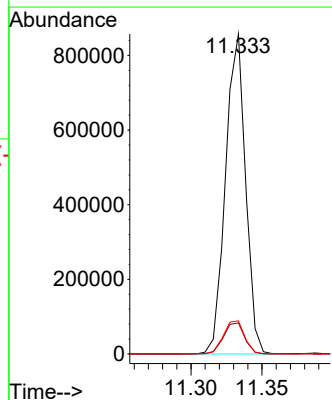
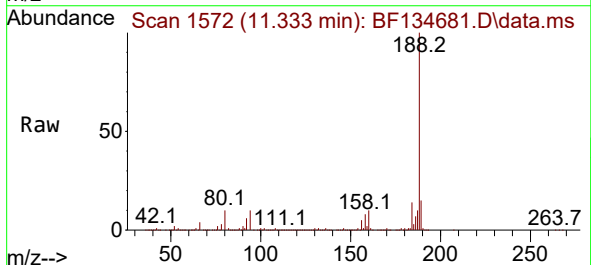
Instrument :
BNA_F
ClientSampleId :
PB154669BS

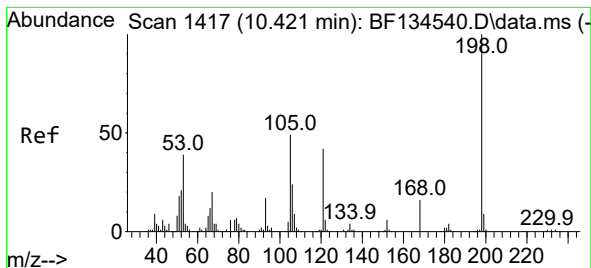
Tgt Ion: 77 Resp: 1385512
Ion Ratio Lower Upper
77 100
182 30.2 7.5 47.5
105 23.3 1.9 41.9
51 30.2 13.2 53.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.012 min
Lab File: BF134681.D
Acq: 09 Aug 2023 09:45

Tgt Ion: 188 Resp: 837903
Ion Ratio Lower Upper
188 100
94 9.7 5.1 7.7#
80 10.4 6.6 9.8#

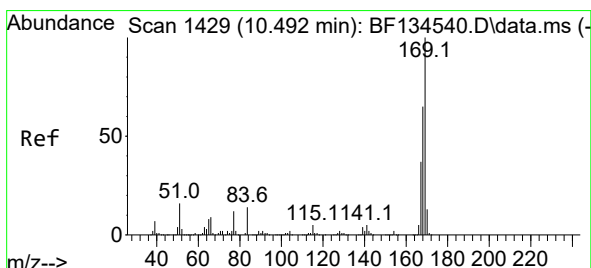
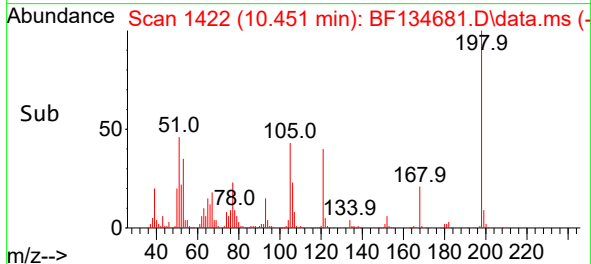
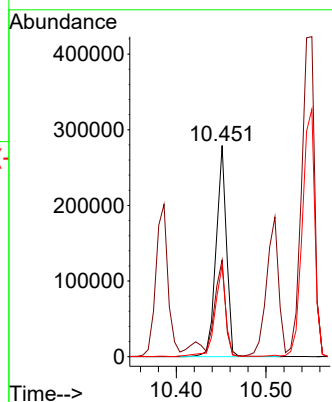
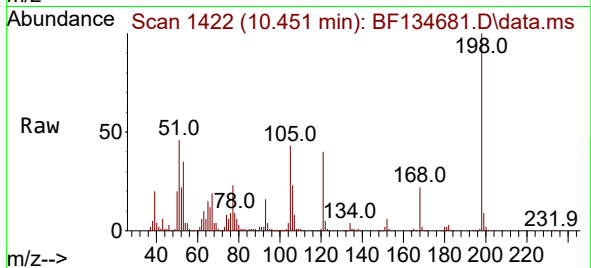




#65
4,6-Dinitro-2-methylphenol
Concen: 63.009 ng
RT: 10.451 min Scan# 1417
Delta R.T. 0.012 min
Lab File: BF134681.D
Acq: 09 Aug 2023 09:45

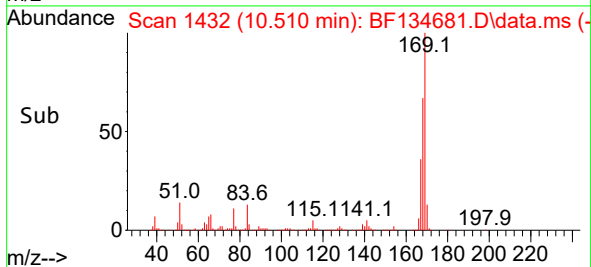
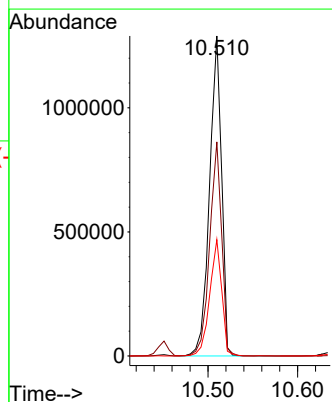
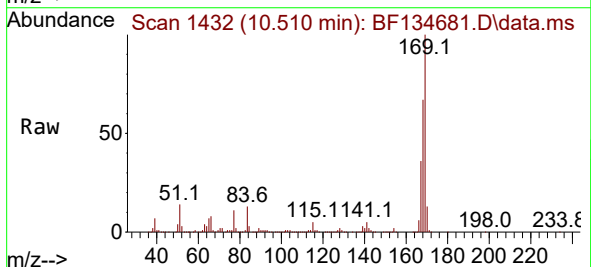
Instrument :
BNA_F
ClientSampleId :
PB154669BS

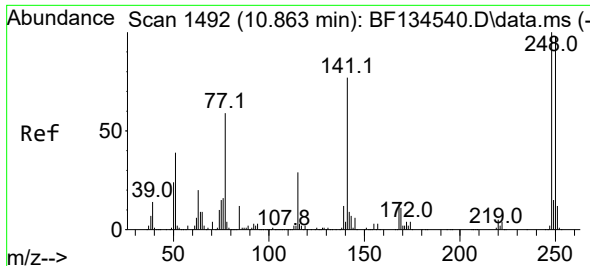
Tgt Ion:198 Resp: 224638
Ion Ratio Lower Upper
198 100
51 45.8 38.6 78.6
105 43.2 27.9 67.9



#66
n-Nitrosodiphenylamine
Concen: 45.026 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF134681.D
Acq: 09 Aug 2023 09:45

Tgt Ion:169 Resp: 1200821
Ion Ratio Lower Upper
169 100
168 66.9 52.6 78.8
167 36.3 29.8 44.8

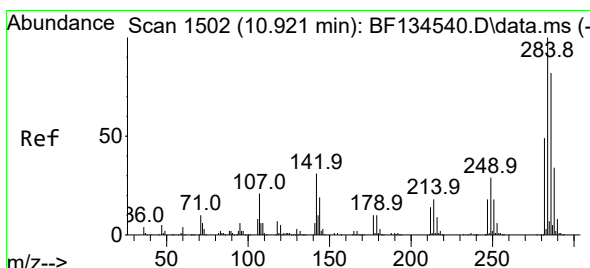
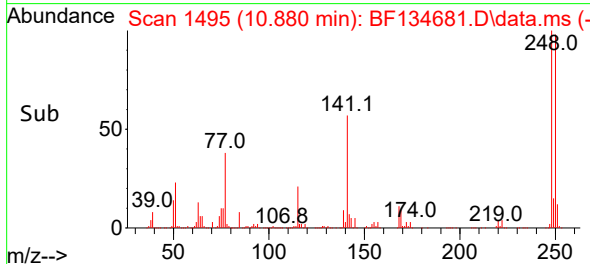
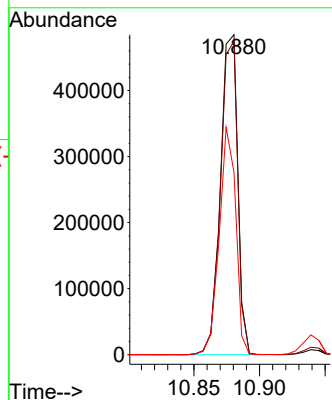
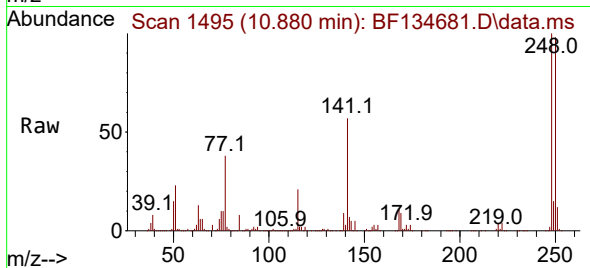




#67
4-Bromophenyl-phenylether
Concen: 48.577 ng
RT: 10.880 min Scan# 1495
Delta R.T. 0.012 min
Lab File: BF134681.D
Acq: 09 Aug 2023 09:45

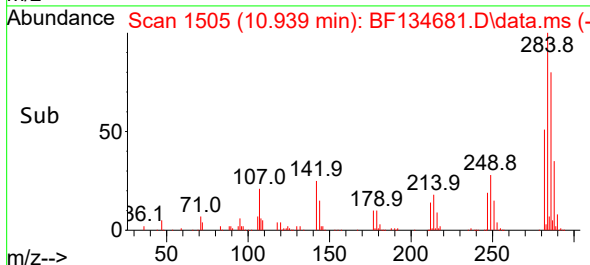
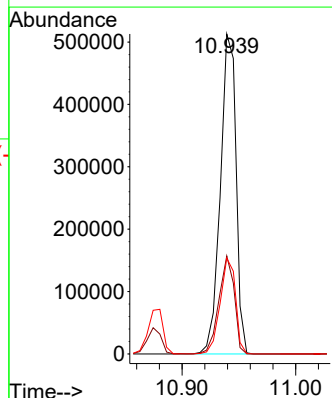
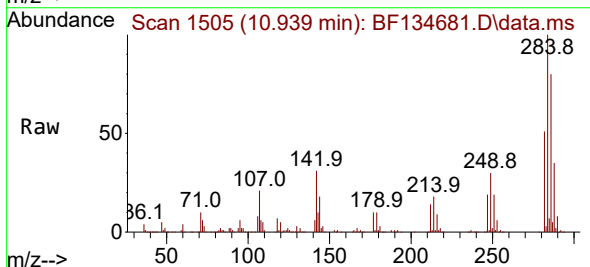
Instrument :
BNA_F
ClientSampleId :
PB154669BS

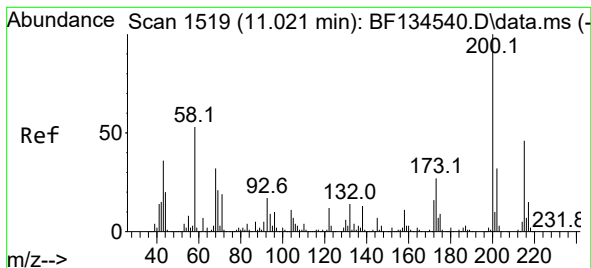
Tgt Ion:248 Resp: 445570
Ion Ratio Lower Upper
248 100
250 98.0 79.6 119.4
141 57.0 59.6 89.4#



#68
Hexachlorobenzene
Concen: 50.950 ng
RT: 10.939 min Scan# 1505
Delta R.T. 0.006 min
Lab File: BF134681.D
Acq: 09 Aug 2023 09:45

Tgt Ion:284 Resp: 493498
Ion Ratio Lower Upper
284 100
142 30.7 26.5 39.7
249 30.0 23.8 35.8





#69

Atrazine

Concen: 59.661 ng

RT: 11.039 min Scan# 1522

Delta R.T. 0.006 min

Lab File: BF134681.D

Acq: 09 Aug 2023 09:45

Instrument :

BNA_F

ClientSampleId :

PB154669BS

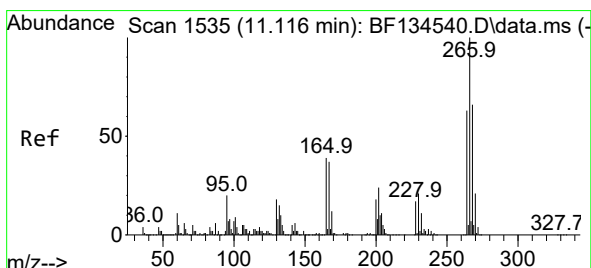
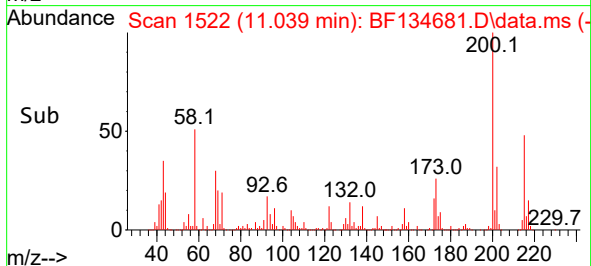
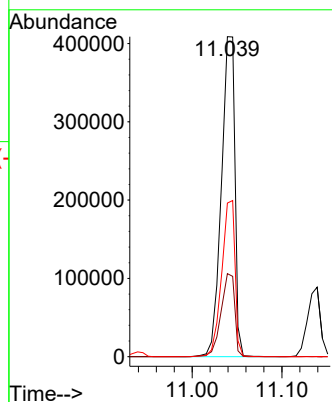
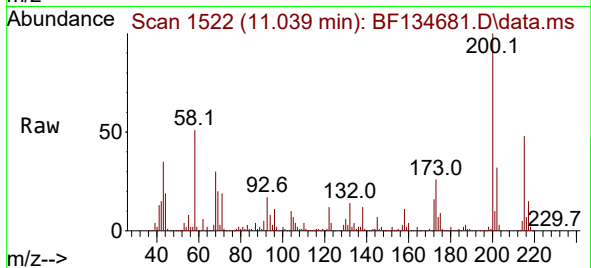
Tgt Ion:200 Resp: 428866

Ion Ratio Lower Upper

200 100

173 26.0 6.1 46.1

215 48.0 29.7 69.7



#70

Pentachlorophenol

Concen: 81.939 ng

RT: 11.139 min Scan# 1539

Delta R.T. 0.012 min

Lab File: BF134681.D

Acq: 09 Aug 2023 09:45

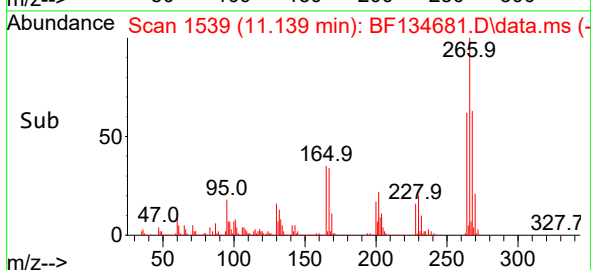
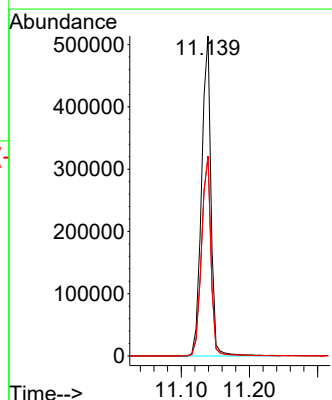
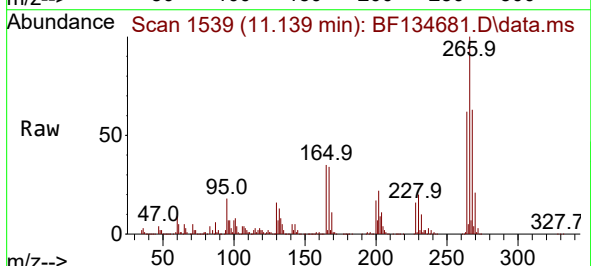
Tgt Ion:266 Resp: 491402

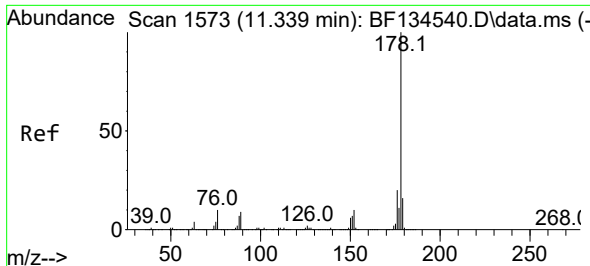
Ion Ratio Lower Upper

266 100

268 62.5 52.9 79.3

264 62.4 47.8 71.6

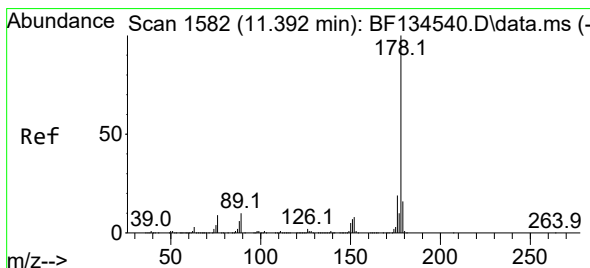
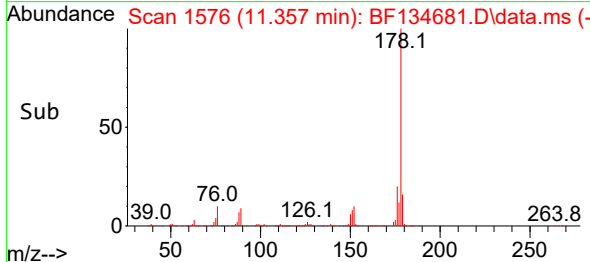
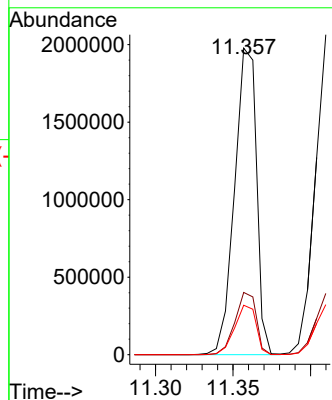
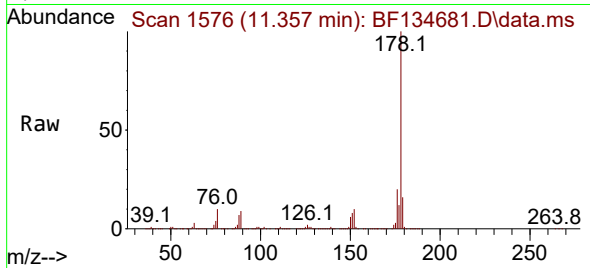




#71
Phenanthrene
Concen: 43.799 ng
RT: 11.357 min Scan# 1576
Delta R.T. 0.006 min
Lab File: BF134681.D
Acq: 09 Aug 2023 09:45

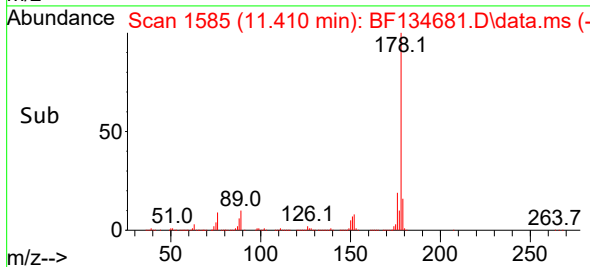
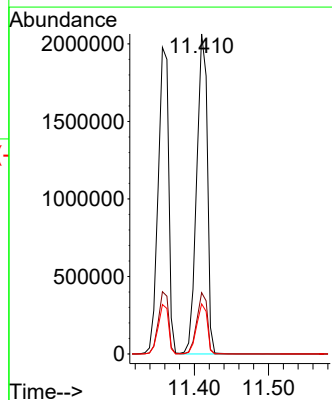
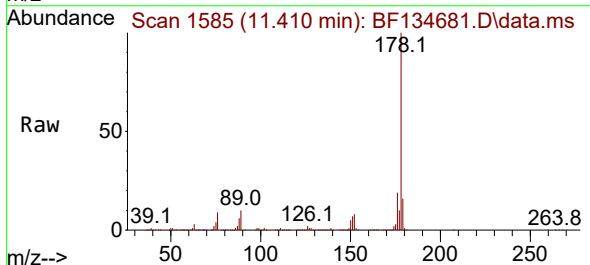
Instrument :
BNA_F
ClientSampleId :
PB154669BS

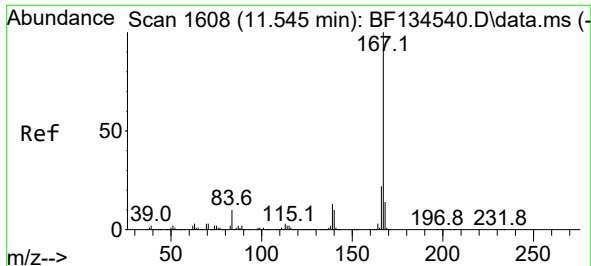
Tgt Ion:178 Resp: 1949304
Ion Ratio Lower Upper
178 100
176 20.3 15.8 23.6
179 16.1 12.7 19.1



#72
Anthracene
Concen: 45.198 ng
RT: 11.410 min Scan# 1585
Delta R.T. 0.006 min
Lab File: BF134681.D
Acq: 09 Aug 2023 09:45

Tgt Ion:178 Resp: 2054711
Ion Ratio Lower Upper
178 100
176 19.1 14.6 21.8
179 15.6 12.3 18.5

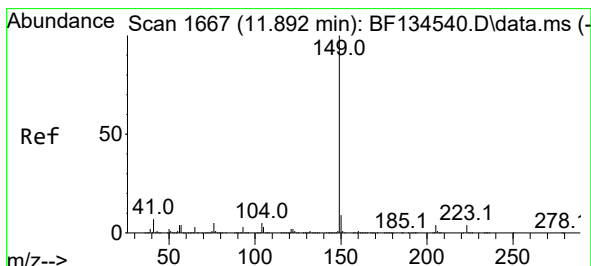
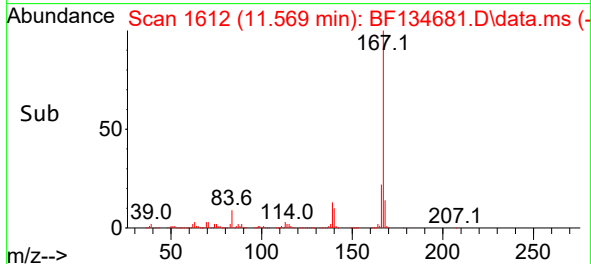
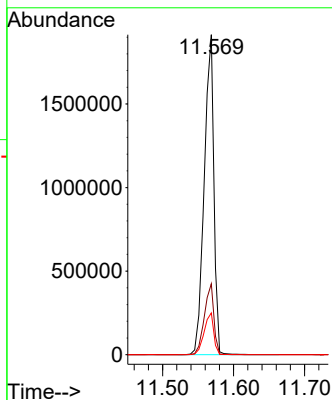
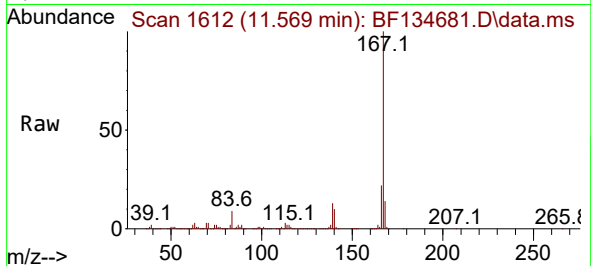




#73
 Carbazole
 Concen: 44.662 ng
 RT: 11.569 min Scan# 1612
 Delta R.T. 0.012 min
 Lab File: BF134681.D
 Acq: 09 Aug 2023 09:45

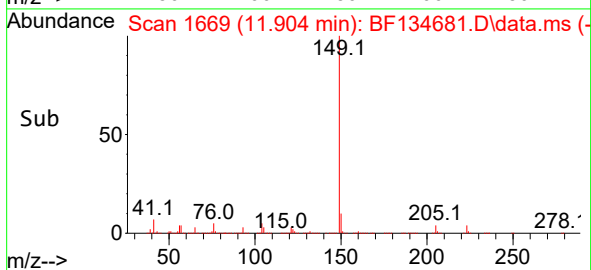
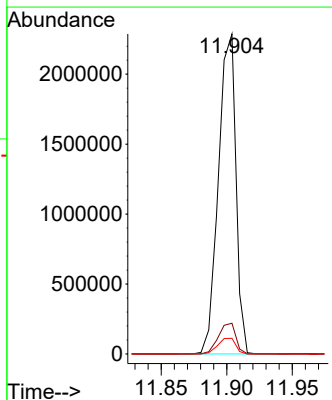
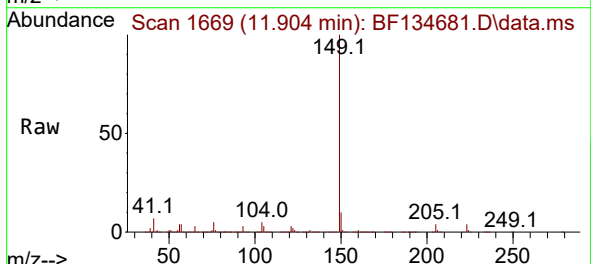
Instrument :
 BNA_F
 ClientSampleId :
 PB154669BS

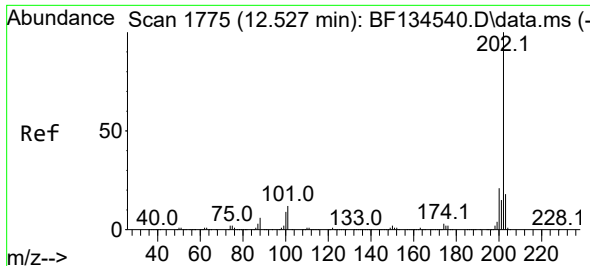
Tgt Ion:167 Resp: 1812855
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.5 26.3
 139 13.1 11.0 16.4



#74
 Di-n-butylphthalate
 Concen: 49.115 ng
 RT: 11.904 min Scan# 1669
 Delta R.T. 0.006 min
 Lab File: BF134681.D
 Acq: 09 Aug 2023 09:45

Tgt Ion:149 Resp: 2117978
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.2 10.8
 104 4.9 3.8 5.8

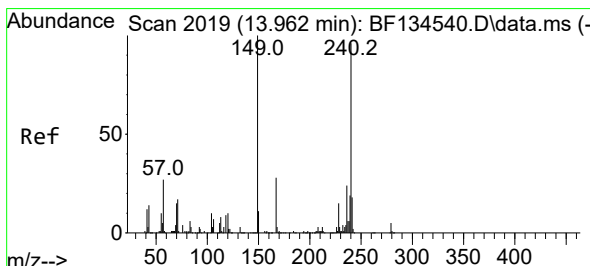
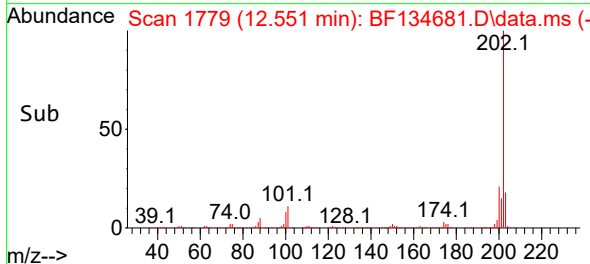
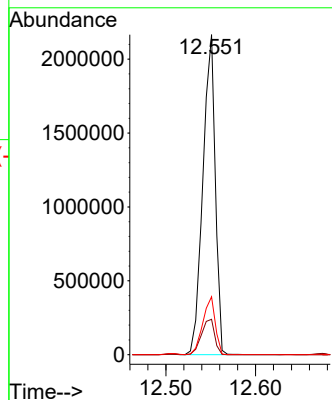
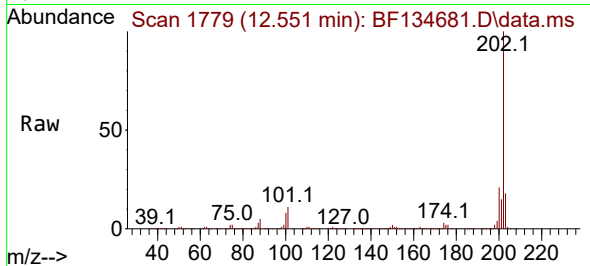




#75
Fluoranthene
Concen: 44.251 ng
RT: 12.551 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF134681.D
Acq: 09 Aug 2023 09:45

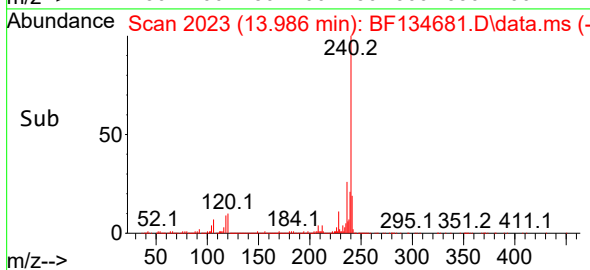
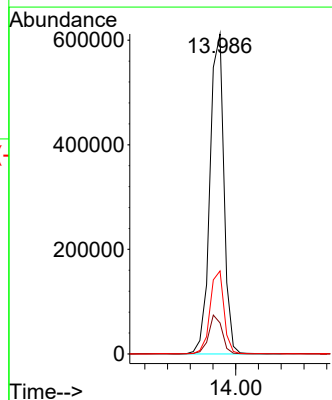
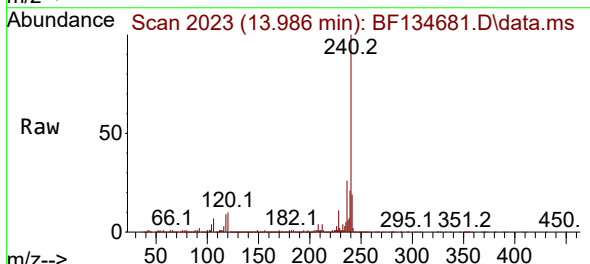
Instrument :
BNA_F
ClientSampleId :
PB154669BS

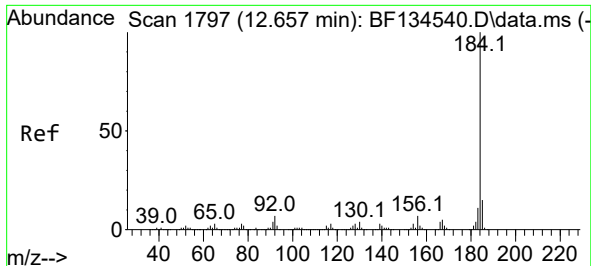
Tgt Ion:202 Resp: 2080328
Ion Ratio Lower Upper
202 100
101 11.1 0.0 28.5
203 18.1 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2023
Delta R.T. 0.012 min
Lab File: BF134681.D
Acq: 09 Aug 2023 09:45

Tgt Ion:240 Resp: 522450
Ion Ratio Lower Upper
240 100
120 9.7 6.6 10.0
236 25.9 20.2 30.2

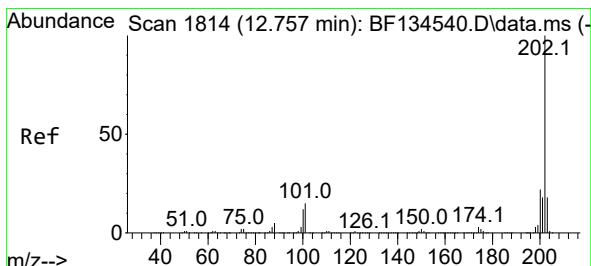
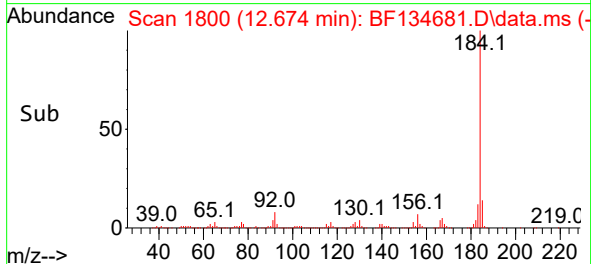
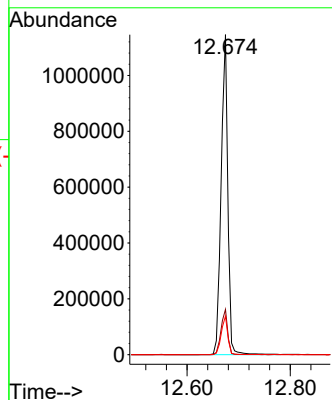
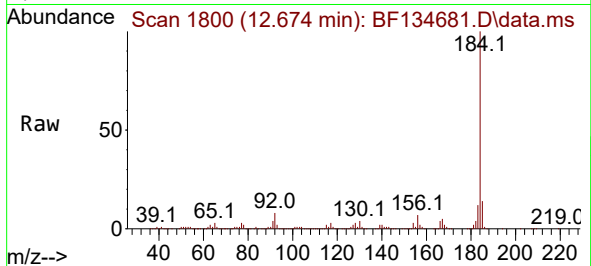




#77
Benzidine
Concen: 90.346 ng
RT: 12.674 min Scan# 1800
Delta R.T. 0.012 min
Lab File: BF134681.D
Acq: 09 Aug 2023 09:45

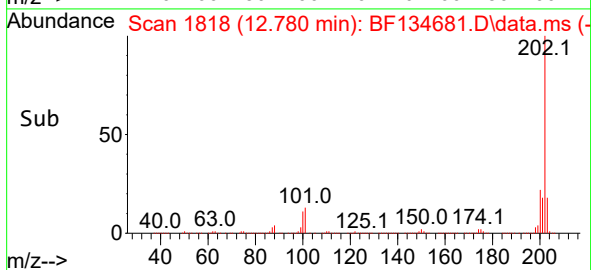
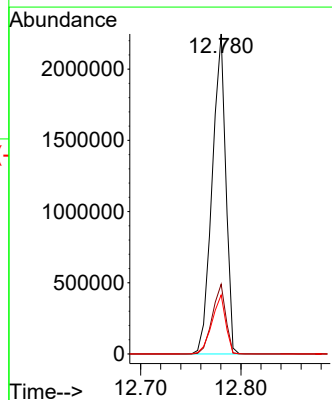
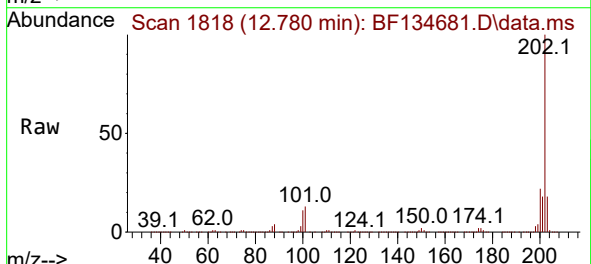
Instrument :
BNA_F
ClientSampleId :
PB154669BS

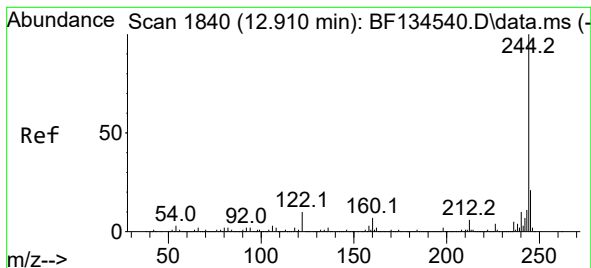
Tgt Ion:184 Resp: 1024644
Ion Ratio Lower Upper
184 100
185 14.1 11.2 16.8
183 12.1 8.6 13.0



#78
Pyrene
Concen: 47.070 ng
RT: 12.780 min Scan# 1818
Delta R.T. 0.012 min
Lab File: BF134681.D
Acq: 09 Aug 2023 09:45

Tgt Ion:202 Resp: 2127971
Ion Ratio Lower Upper
202 100
200 21.8 15.8 23.8
203 18.4 13.5 20.3





#79

Terphenyl-d14

Concen: 95.045 ng

RT: 12.927 min Scan# 1843

Delta R.T. 0.006 min

Lab File: BF134681.D

Acq: 09 Aug 2023 09:45

Instrument :

BNA_F

ClientSampleId :

PB154669BS

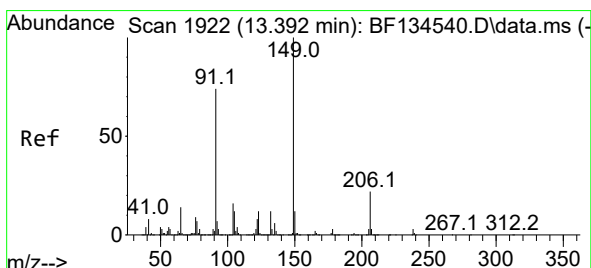
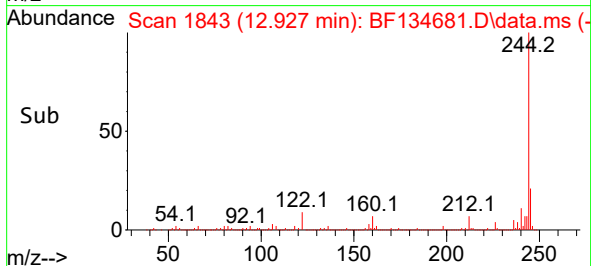
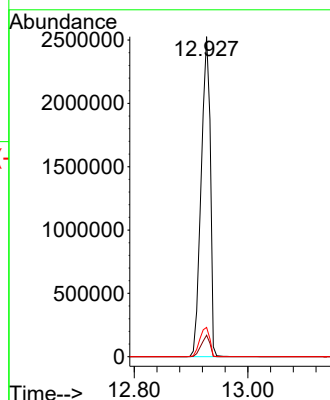
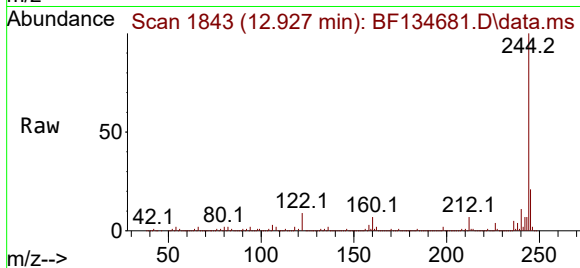
Tgt Ion:244 Resp: 2816794

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

122 9.2 8.0 12.0



#80

Butylbenzylphthalate

Concen: 55.954 ng

RT: 13.404 min Scan# 1924

Delta R.T. 0.006 min

Lab File: BF134681.D

Acq: 09 Aug 2023 09:45

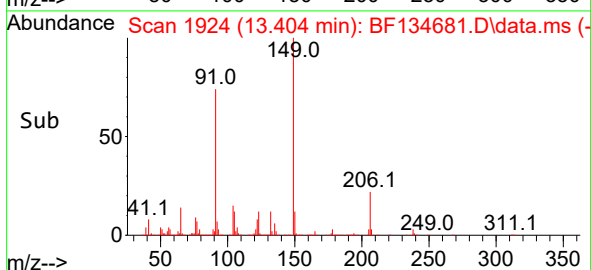
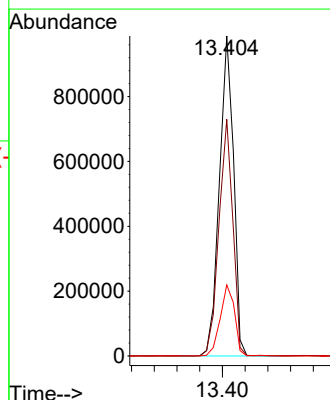
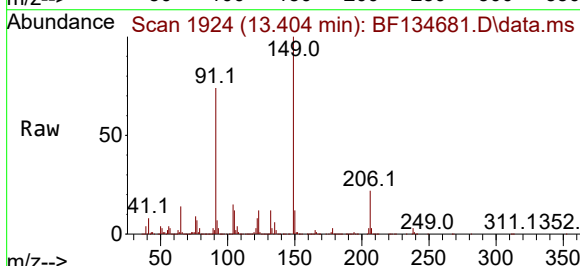
Tgt Ion:149 Resp: 855366

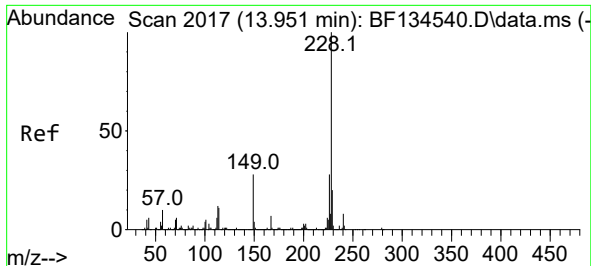
Ion Ratio Lower Upper

149 100

91 73.9 55.8 83.6

206 22.2 14.6 21.8#

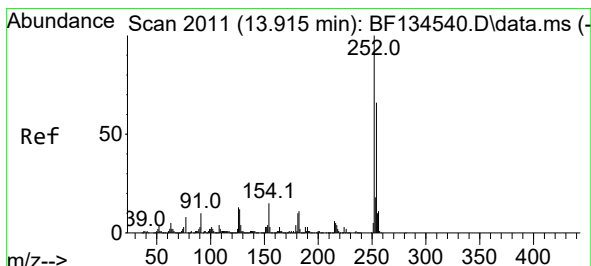
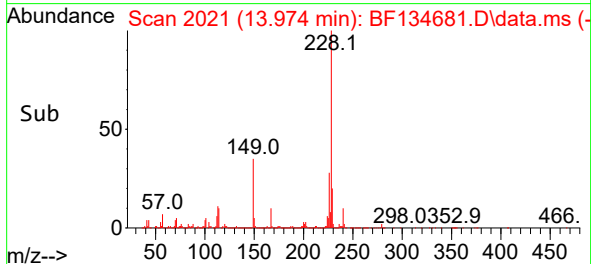
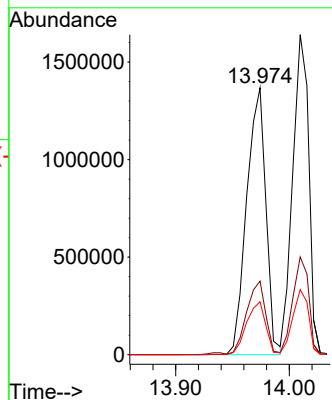
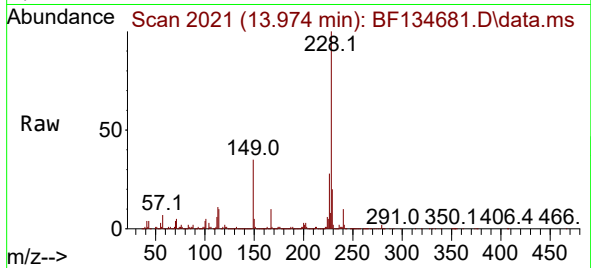




#81
Benzo(a)anthracene
Concen: 42.978 ng
RT: 13.974 min Scan# 2015
Delta R.T. 0.012 min
Lab File: BF134681.D
Acq: 09 Aug 2023 09:45

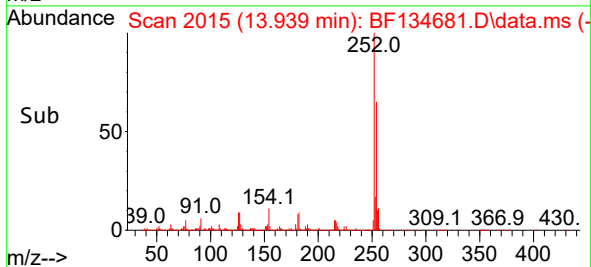
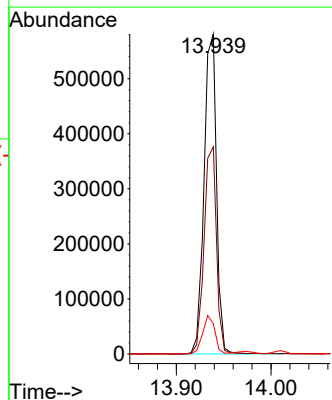
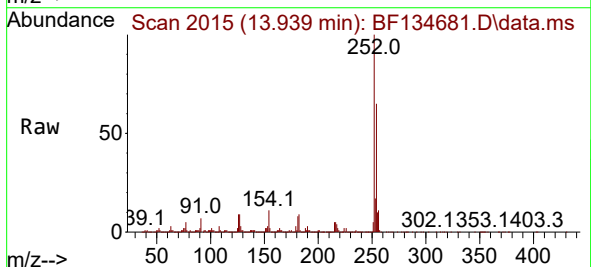
Instrument :
BNA_F
ClientSampleId :
PB154669BS

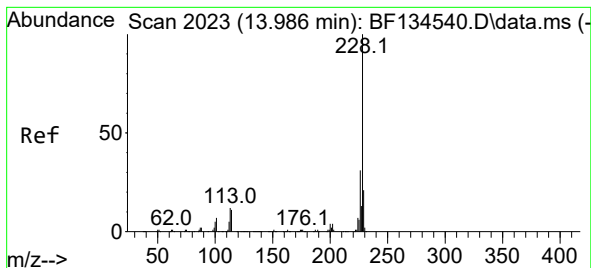
Tgt Ion:228 Resp: 1605544
Ion Ratio Lower Upper
228 100
226 27.6 22.3 33.5
229 19.9 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 49.344 ng
RT: 13.939 min Scan# 2015
Delta R.T. 0.012 min
Lab File: BF134681.D
Acq: 09 Aug 2023 09:45

Tgt Ion:252 Resp: 534331
Ion Ratio Lower Upper
252 100
254 64.7 52.7 79.1
126 9.5 7.2 10.8





#83

Chrysene

Concen: 44.344 ng

RT: 14.010 min Scan# 20

Delta R.T. 0.012 min

Lab File: BF134681.D

Acq: 09 Aug 2023 09:45

Instrument :

BNA_F

ClientSampleId :

PB154669BS

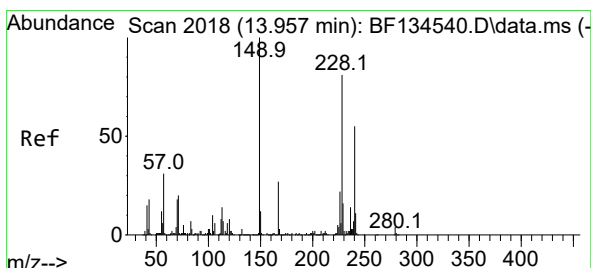
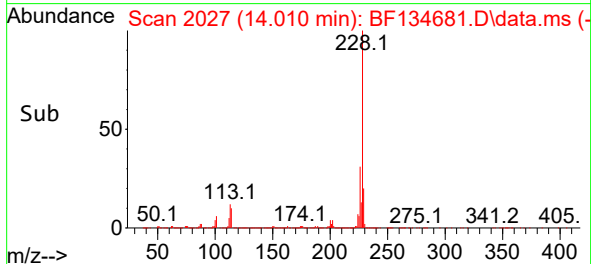
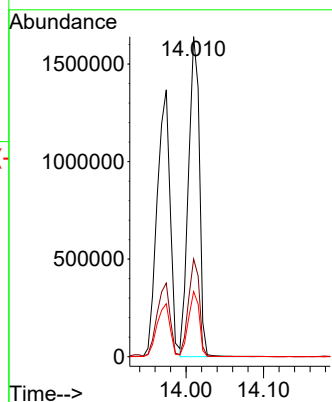
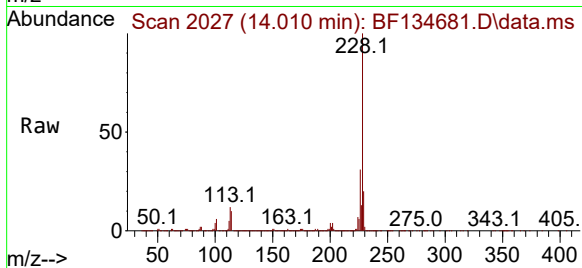
Tgt Ion:228 Resp: 1613952

Ion Ratio Lower Upper

228 100

226 30.6 24.5 36.7

229 20.4 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.524 ng

RT: 13.968 min Scan# 2020

Delta R.T. 0.006 min

Lab File: BF134681.D

Acq: 09 Aug 2023 09:45

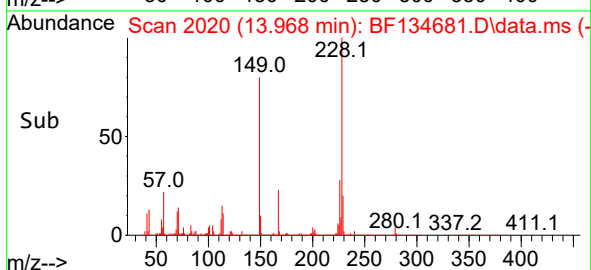
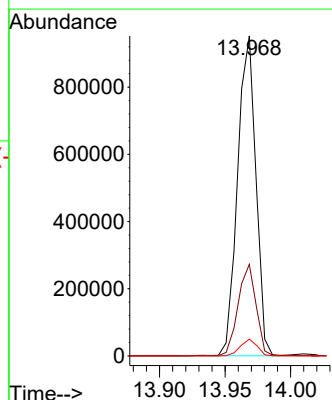
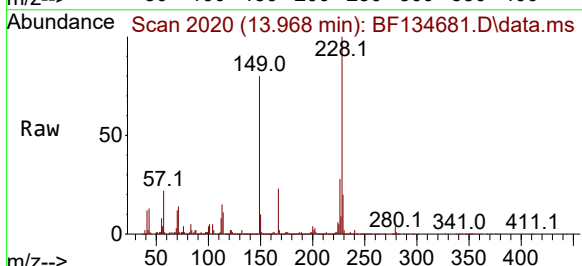
Tgt Ion:149 Resp: 926902

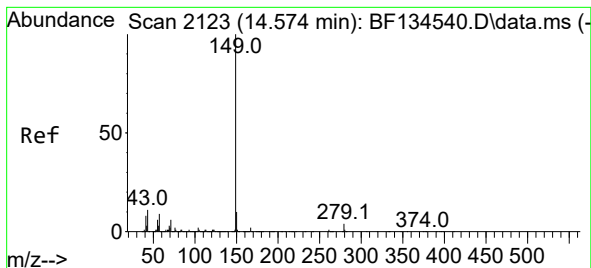
Ion Ratio Lower Upper

149 100

167 28.7 21.6 32.4

279 5.3 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 58.290 ng

RT: 14.586 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF134681.D

Acq: 09 Aug 2023 09:45

Instrument :

BNA_F

ClientSampleId :

PB154669BS

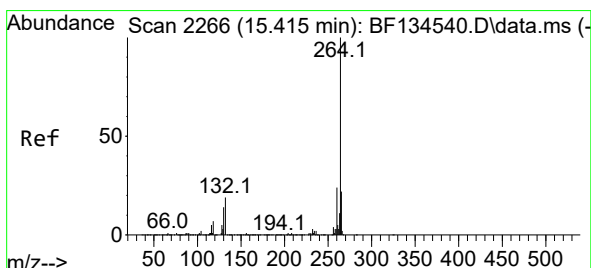
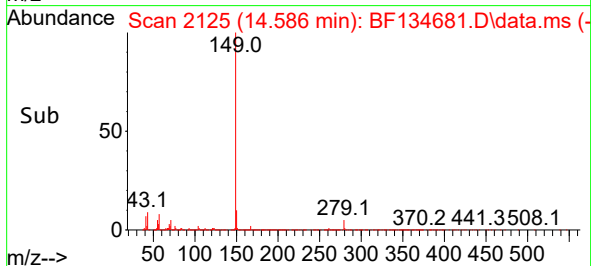
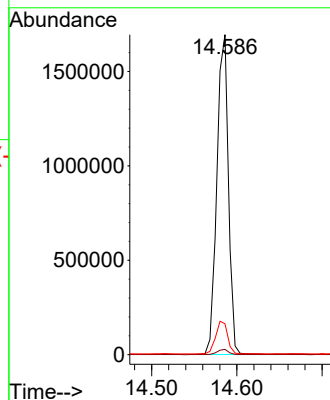
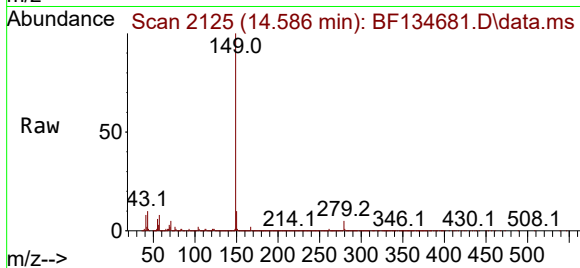
Tgt Ion:149 Resp: 1594638

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.5 8.1 12.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 2272

Delta R.T. 0.012 min

Lab File: BF134681.D

Acq: 09 Aug 2023 09:45

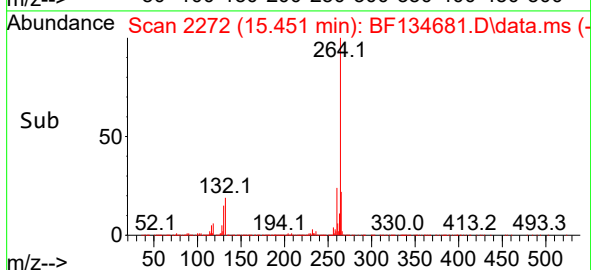
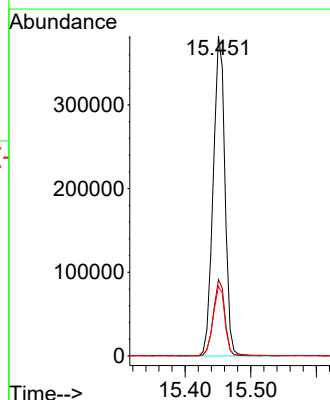
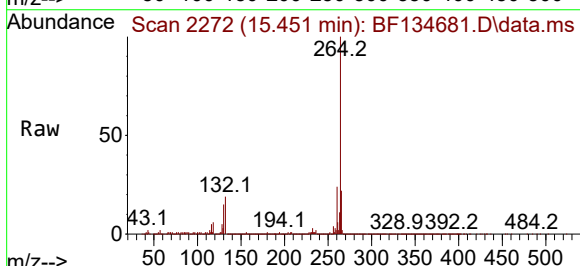
Tgt Ion:264 Resp: 476049

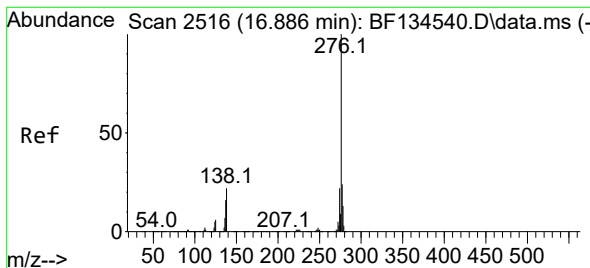
Ion Ratio Lower Upper

264 100

260 23.8 18.4 27.6

265 21.8 15.8 23.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 55.818 ng

RT: 16.957 min Scan# 2199

Delta R.T. 0.029 min

Lab File: BF134681.D

Acq: 09 Aug 2023 09:45

Instrument :

BNA_F

ClientSampleId :

PB154669BS

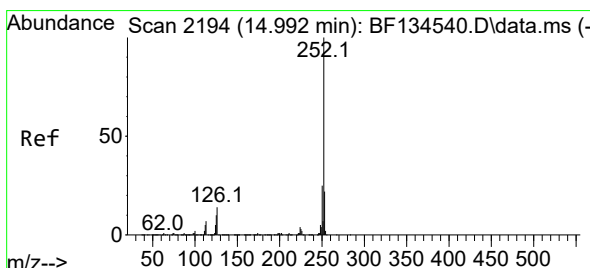
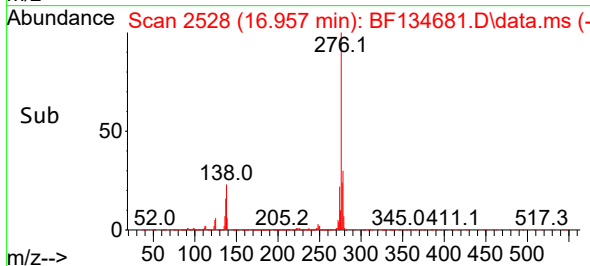
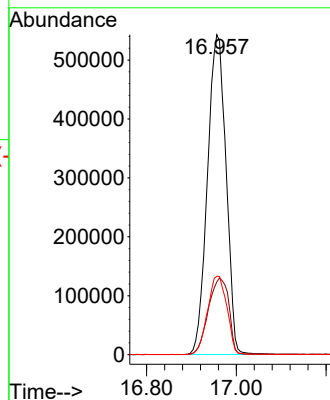
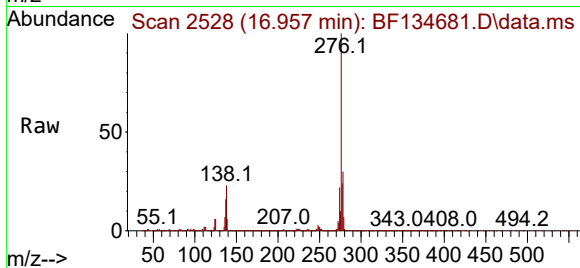
Tgt Ion:276 Resp: 1562782

Ion Ratio Lower Upper

276 100

138 26.4 14.2 21.4#

277 25.5 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 50.770 ng

RT: 15.021 min Scan# 2199

Delta R.T. 0.012 min

Lab File: BF134681.D

Acq: 09 Aug 2023 09:45

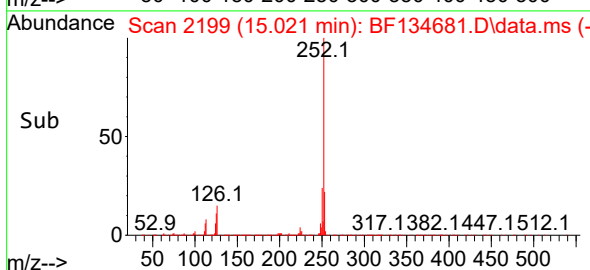
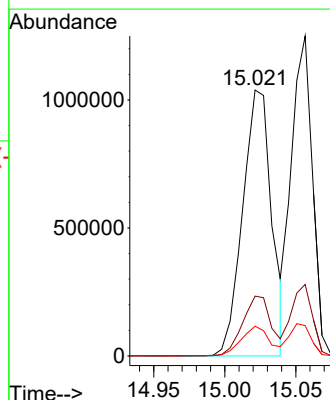
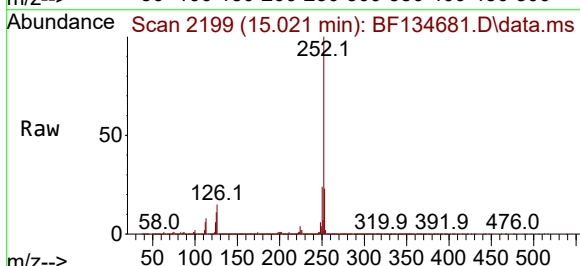
Tgt Ion:252 Resp: 1474038

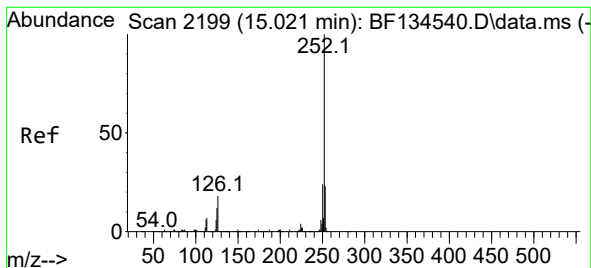
Ion Ratio Lower Upper

252 100

253 22.5 17.3 25.9

125 11.2 6.0 9.0#





#89

Benzo(k)fluoranthene

Concen: 44.737 ng

RT: 15.057 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF134681.D

Acq: 09 Aug 2023 09:45

Instrument :

BNA_F

ClientSampleId :

PB154669BS

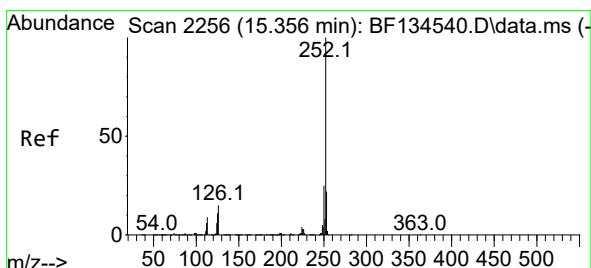
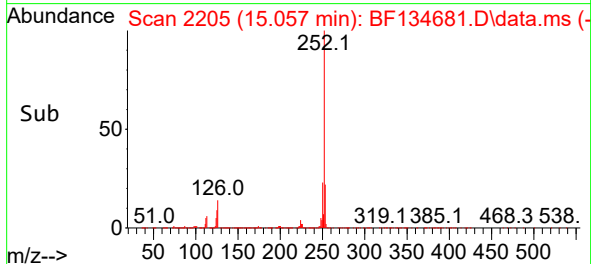
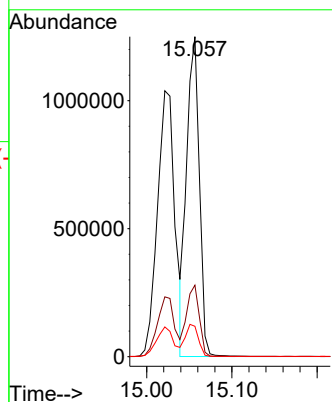
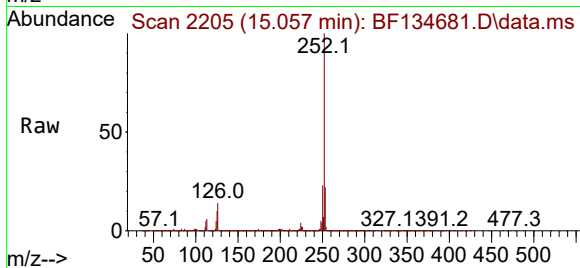
Tgt Ion:252 Resp: 1293902

Ion Ratio Lower Upper

252 100

253 22.4 17.9 26.9

125 9.5 6.3 9.5#



#90

Benzo(a)pyrene

Concen: 45.153 ng

RT: 15.392 min Scan# 2262

Delta R.T. 0.012 min

Lab File: BF134681.D

Acq: 09 Aug 2023 09:45

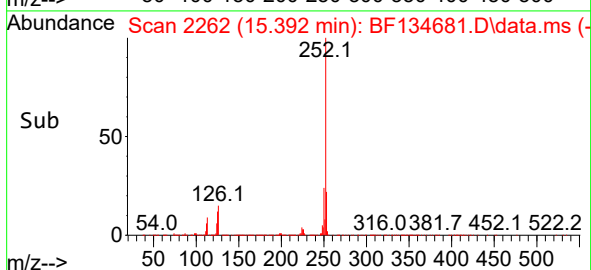
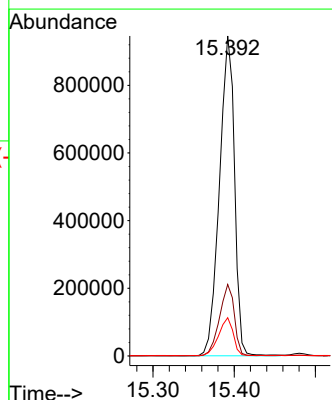
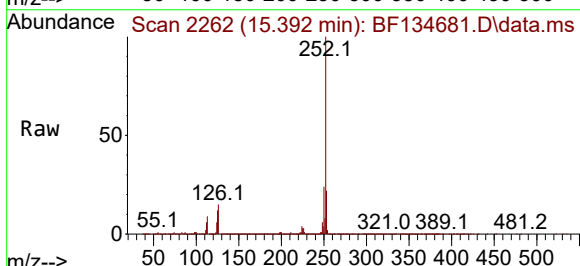
Tgt Ion:252 Resp: 1222321

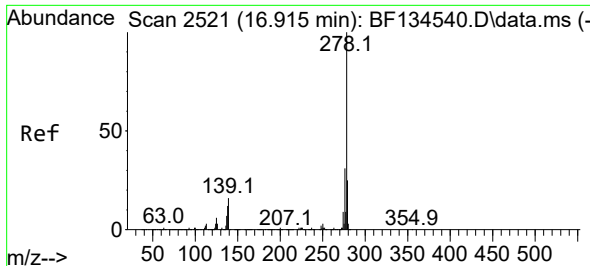
Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.4

125 11.9 6.2 9.4#

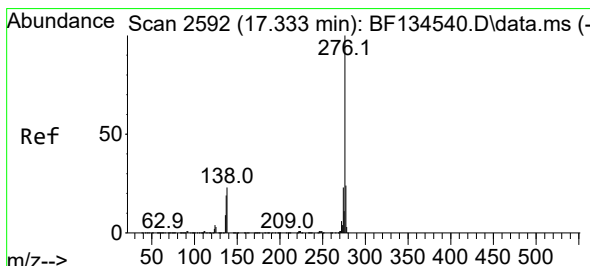
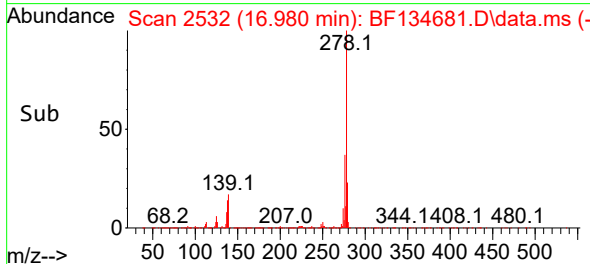
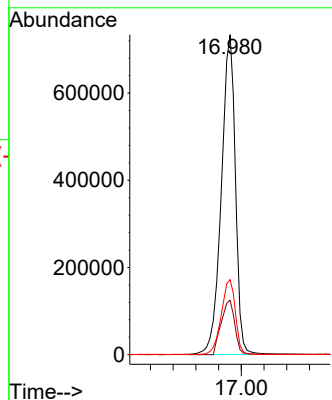
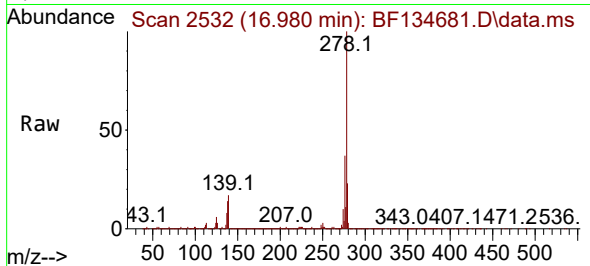




#91
 Dibenzo(a,h)anthracene
 Concen: 55.916 ng
 RT: 16.980 min Scan# 21
 Delta R.T. 0.029 min
 Lab File: BF134681.D
 Acq: 09 Aug 2023 09:45

Instrument :
 BNA_F
 ClientSampleId :
 PB154669BS

Tgt Ion:278 Resp: 1265177
 Ion Ratio Lower Upper
 278 100
 139 17.0 10.0 15.0#
 279 23.5 19.7 29.5



#92
 Benzo(g,h,i)perylene
 Concen: 56.194 ng
 RT: 17.415 min Scan# 2606
 Delta R.T. 0.041 min
 Lab File: BF134681.D
 Acq: 09 Aug 2023 09:45

Tgt Ion:276 Resp: 1296983
 Ion Ratio Lower Upper
 276 100
 277 23.9 19.0 28.6
 138 22.9 12.2 18.2#

