

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080123\
 Data File : BF134543.D
 Acq On : 01 Aug 2023 11:47
 Operator : CG\JU
 Sample : SSTDIC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 02 01:42:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 01:37:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	227994	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	822174	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	408827	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	742325	20.000	ng	# 0.00
76) Chrysene-d12	13.962	240	389787	20.000	ng	# 0.00
86) Perylene-d12	15.415	264	429624	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1984022	132.280	ng	0.00
7) Phenol-d6	6.439	99	2520460	131.460	ng	0.01
23) Nitrobenzene-d5	7.369	82	2133664	162.178	ng	0.01
42) 2,4,6-Tribromophenol	10.622	330	643474	154.399	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	3063825	114.658	ng	0.00
79) Terphenyl-d14	12.915	244	3381587	152.937	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.557	88	497742	72.128	ng	# 95
3) Pyridine	3.310	79	1360755	72.843	ng	93
4) n-Nitrosodimethylamine	3.298	42	655256	73.333	ng	# 65
6) Aniline	6.475	93	1752238	69.678	ng	92
8) 2-Chlorophenol	6.586	128	1001633	66.202	ng	98
9) Benzaldehyde	6.351	77	551166	55.444	ng	97
10) Phenol	6.451	94	1307155	67.593	ng	91
11) bis(2-Chloroethyl)ether	6.545	93	1002822	66.813	ng	94
12) 1,3-Dichlorobenzene	6.739	146	1043434	66.656	ng	96
13) 1,4-Dichlorobenzene	6.816	146	1028490	65.556	ng	98
14) 1,2-Dichlorobenzene	6.969	146	913581	62.498	ng	98
15) Benzyl Alcohol	6.945	79	835044	63.133	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.081	45	1604997	68.256	ng	90
17) 2-Methylphenol	7.051	107	937651	70.131	ng	92
18) Hexachloroethane	7.310	117	381617	69.306	ng	93
19) n-Nitroso-di-n-propyla...	7.228	70	764444	66.593	ng	92
20) 3+4-Methylphenols	7.210	107	967867	60.026	ng	# 79
22) Acetophenone	7.216	105	1214036	63.962	ng	# 92
24) Nitrobenzene	7.386	77	1089811	76.675	ng	96
25) Isophorone	7.628	82	2144057	74.718	ng	99
26) 2-Nitrophenol	7.698	139	509656	101.297	ng	# 84
27) 2,4-Dimethylphenol	7.733	122	974960	75.763	ng	86
28) bis(2-Chloroethoxy)met...	7.833	93	1218744	71.000	ng	99
29) 2,4-Dichlorophenol	7.933	162	857497	73.791	ng	97
30) 1,2,4-Trichlorobenzene	8.016	180	872812	70.434	ng	99
31) Naphthalene	8.098	128	2767045	66.965	ng	98
32) Benzoic acid	7.886	122	727119	100.332	ng	90
33) 4-Chloroaniline	8.151	127	1346207	73.118	ng	98
34) Hexachlorobutadiene	8.216	225	499289	69.851	ng	96
35) Caprolactam	8.551	113	237120	62.197	ng	96
36) 4-Chloro-3-methylphenol	8.633	107	904899	73.529	ng	93
37) 2-Methylnaphthalene	8.792	142	1768696	64.577	ng	99
38) 1-Methylnaphthalene	8.892	142	1690719	66.384	ng	98
40) 1,2,4,5-Tetrachloroben...	8.957	216	804950	67.709	ng	98
41) Hexachlorocyclopentadiene	8.939	237	463185	80.120	ng	91
43) 2,4,6-Trichlorophenol	9.063	196	583511	74.997	ng	97

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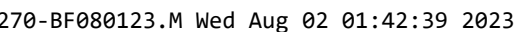
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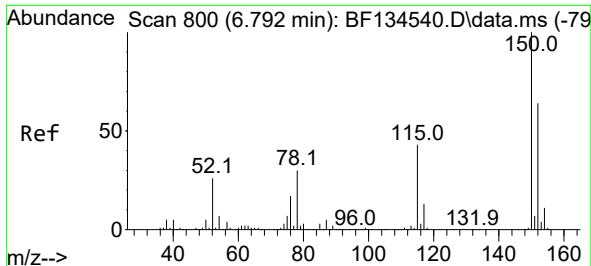
Quant Time: Aug 02 01:42:34 2023
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	661901	74.435	ng	94
46) 1,1'-Biphenyl	9.257	154	2055902	64.668	ng	97
47) 2-Chloronaphthalene	9.280	162	1612906	67.708	ng	98
48) 2-Nitroaniline	9.375	65	606051	93.882	ng	96
49) Acenaphthylene	9.698	152	2489387	66.482	ng	99
50) Dimethylphthalate	9.569	163	1980147	71.064	ng	98
51) 2,6-Dinitrotoluene	9.627	165	461752	90.988	ng	# 78
52) Acenaphthene	9.869	154	1653438	68.138	ng	99
53) 3-Nitroaniline	9.798	138	553958	89.194	ng	97
54) 2,4-Dinitrophenol	9.892	184	178495	110.345	ng	92
55) Dibenzofuran	10.039	168	2269394	65.696	ng	96
56) 4-Nitrophenol	9.945	139	429726	84.599	ng	# 79
57) 2,4-Dinitrotoluene	10.027	165	545452	91.420	ng	91
58) Fluorene	10.386	166	1548111	61.528	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.157	232	529499	75.184	ng	96
60) Diethylphthalate	10.269	149	1834884	69.473	ng	95
61) 4-Chlorophenyl-phenyle...	10.374	204	761135	61.543	ng	95
62) 4-Nitroaniline	10.416	138	534448	87.795	ng	87
63) Azobenzene	10.539	77	1931065	68.051	ng	98
65) 4,6-Dinitro-2-methylph...	10.433	198	264375	103.524	ng	93
66) n-Nitrosodiphenylamine	10.498	169	1612401	68.242	ng	99
67) 4-Bromophenyl-phenylether	10.869	248	584450	71.922	ng	93
68) Hexachlorobenzene	10.927	284	613471	71.492	ng	95
69) Atrazine	11.027	200	436272	68.505	ng	97
70) Pentachlorophenol	11.116	266	432441	81.392	ng	95
71) Phenanthrene	11.345	178	2600432	65.952	ng	99
72) Anthracene	11.398	178	2632502	65.363	ng	97
73) Carbazole	11.551	167	2419878	67.293	ng	99
74) Di-n-butylphthalate	11.892	149	2653107	69.445	ng	98
75) Fluoranthene	12.533	202	2737292	65.722	ng	96
77) Benzidine	12.657	184	576195	68.096	ng	97
78) Pyrene	12.763	202	2801821	83.069	ng	96
80) Butylbenzylphthalate	13.392	149	1021323	89.549	ng	# 92
81) Benzo(a)anthracene	13.951	228	2108277	75.642	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	597724	73.985	ng	98
83) Chrysene	13.992	228	2052055	75.570	ng	98
84) Bis(2-ethylhexyl)phtha...	13.957	149	1017296	75.795	ng	98
85) Di-n-octyl phthalate	14.574	149	1706811	83.624	ng	96
87) Indeno(1,2,3-cd)pyrene	16.892	276	2189365	86.648	ng	# 91
88) Benzo(b)fluoranthene	14.998	252	1919044	73.239	ng	# 96
89) Benzo(k)fluoranthene	15.027	252	1826804	70.084	ng	# 98
90) Benzo(a)pyrene	15.362	252	1846527	75.583	ng	# 97
91) Dibenzo(a,h)anthracene	16.927	278	1774780	86.914	ng	# 96
92) Benzo(g,h,i)perylene	17.350	276	1870429	89.797	ng	# 93

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

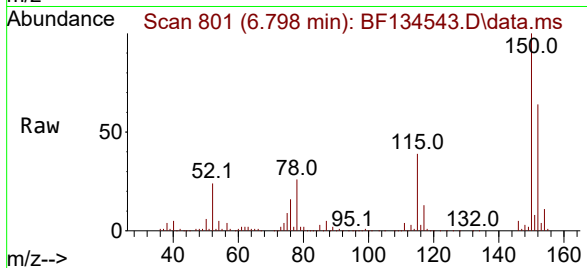
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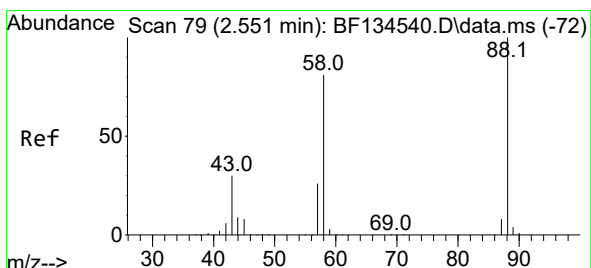
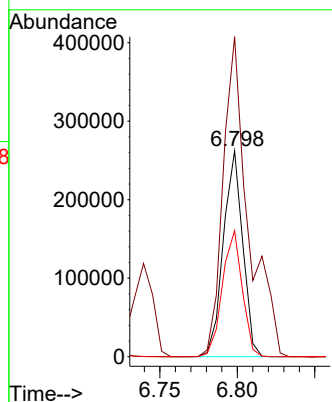
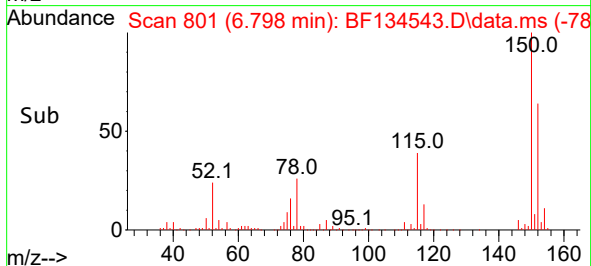


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: BF134543.D
 Acq: 01 Aug 2023 11:47

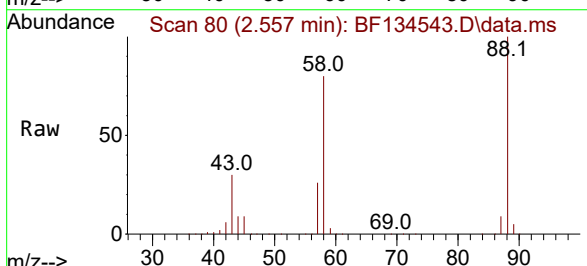
Instrument :
 BNA_F
 ClientSampleId :



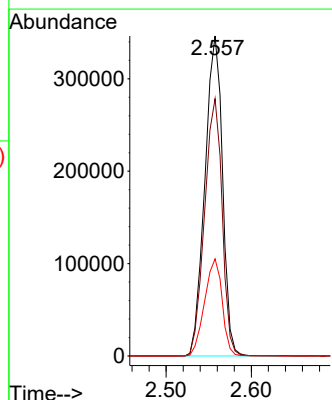
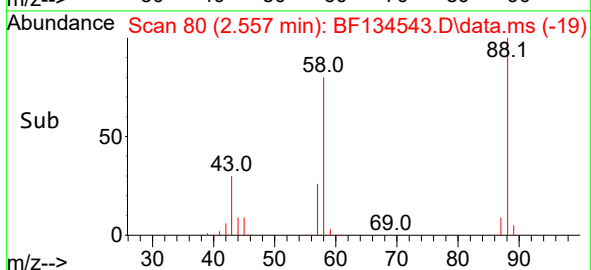
Tgt Ion:152 Resp: 227994
 Ion Ratio Lower Upper
 152 100
 150 155.5 128.3 192.5
 115 61.2 52.4 78.6

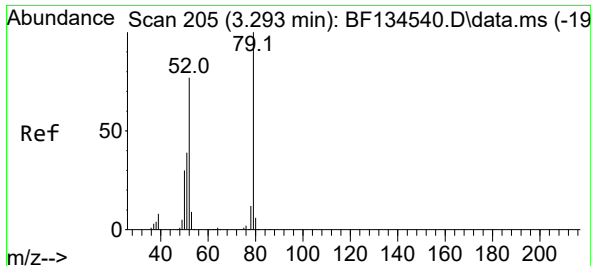


#2
 1,4-Dioxane
 Concen: 72.128 ng
 RT: 2.557 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: BF134543.D
 Acq: 01 Aug 2023 11:47



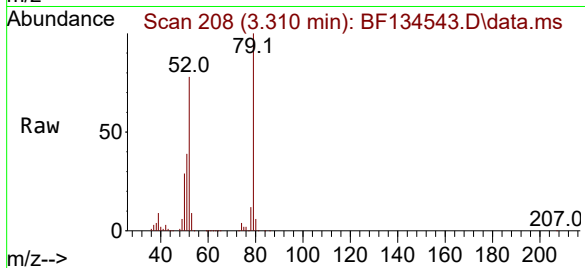
Tgt Ion: 88 Resp: 497742
 Ion Ratio Lower Upper
 88 100
 58 80.0 65.1 97.7
 43 30.3 30.3 45.5#





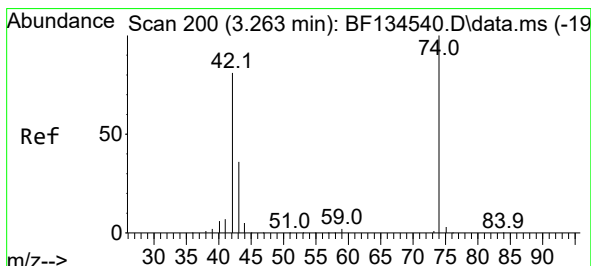
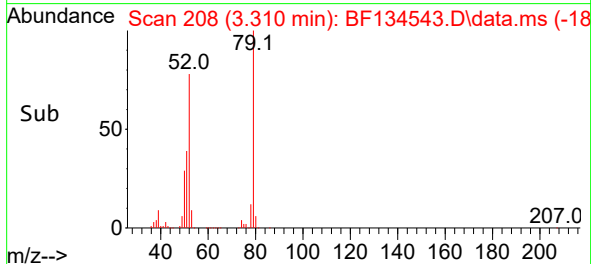
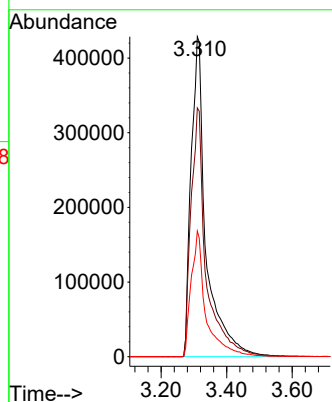
#3
 Pyridine
 Concen: 72.843 ng
 RT: 3.310 min Scan# 205
 Delta R.T. 0.018 min
 Lab File: BF134543.D
 Acq: 01 Aug 2023 11:47

Instrument :
 BNA_F
 ClientSampleId :

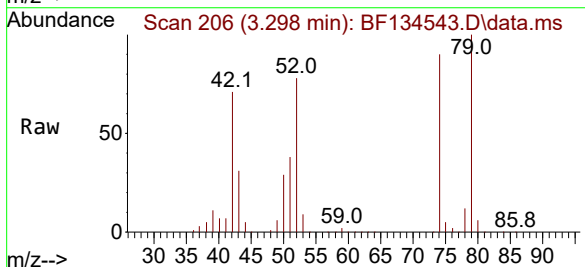


Tgt Ion: 79 Resp: 1360755

Ion	Ratio	Lower	Upper
79	100		
52	77.8	66.6	100.0
51	39.3	36.5	54.7

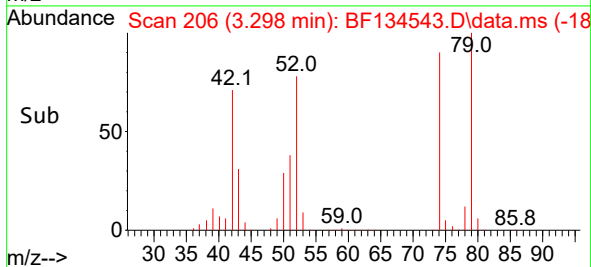
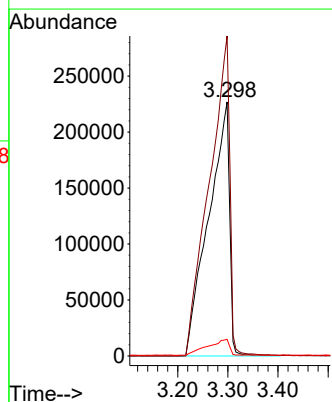


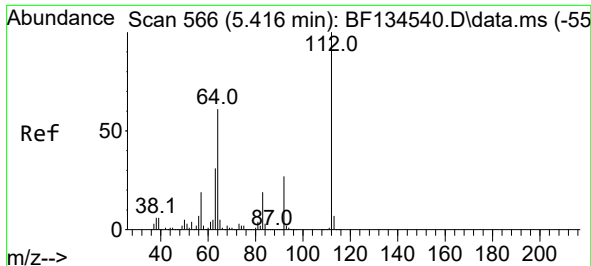
#4
 n-Nitrosodimethylamine
 Concen: 73.333 ng
 RT: 3.298 min Scan# 206
 Delta R.T. 0.035 min
 Lab File: BF134543.D
 Acq: 01 Aug 2023 11:47



Tgt Ion: 42 Resp: 655256

Ion	Ratio	Lower	Upper
42	100		
74	125.9	72.2	108.4
44	6.6	5.4	8.0

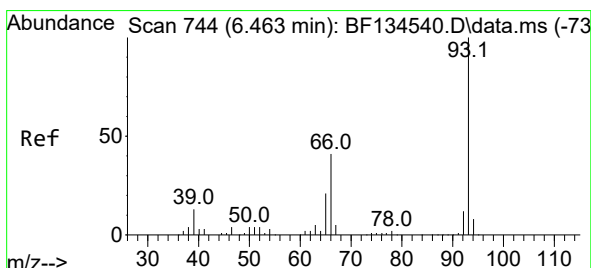
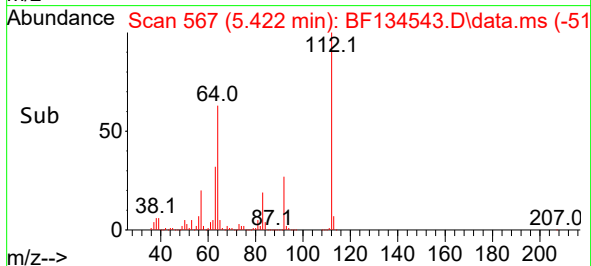
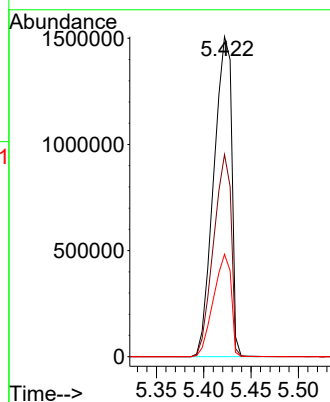
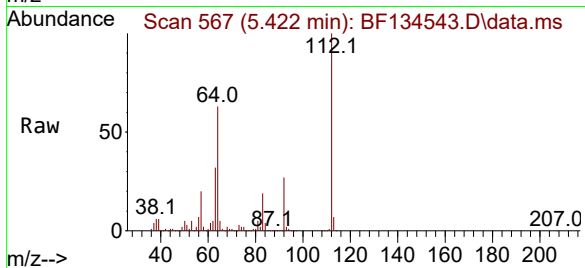




#5
2-Fluorophenol
Concen: 132.280 ng
RT: 5.422 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF134543.D
Acq: 01 Aug 2023 11:47

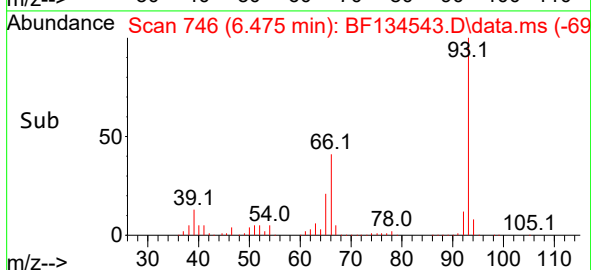
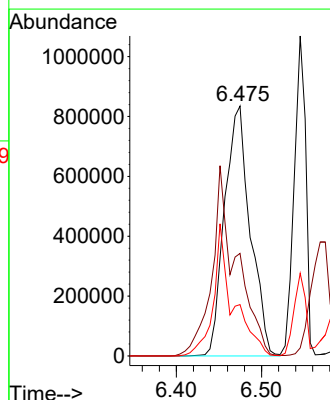
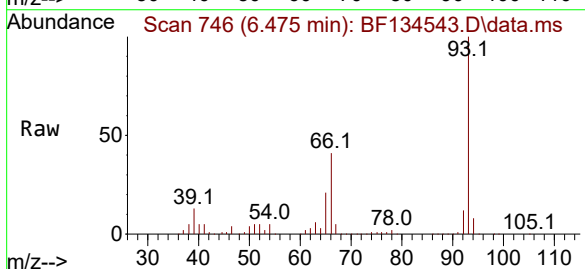
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ClientSampleId :

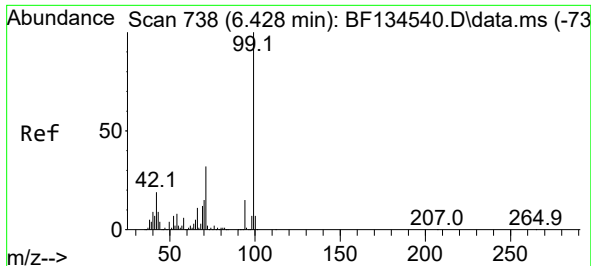
Tgt Ion:112 Resp: 1984022
Ion Ratio Lower Upper
112 100
64 63.2 44.9 67.3
63 32.0 25.4 38.0



#6
Aniline
Concen: 69.678 ng
RT: 6.475 min Scan# 746
Delta R.T. 0.012 min
Lab File: BF134543.D
Acq: 01 Aug 2023 11:47

Tgt Ion: 93 Resp: 1752238
Ion Ratio Lower Upper
93 100
66 41.0 36.8 55.2
65 20.5 19.4 29.0

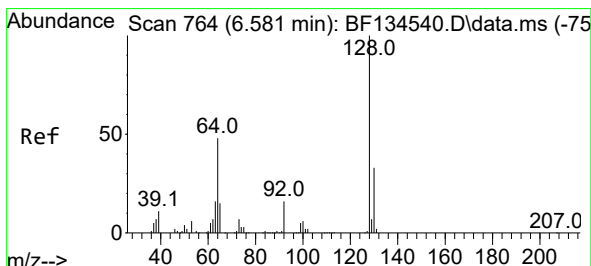
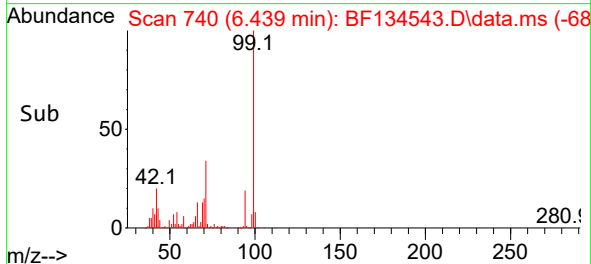
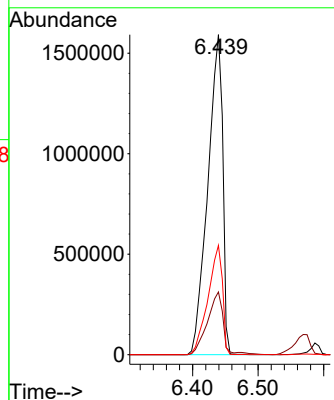
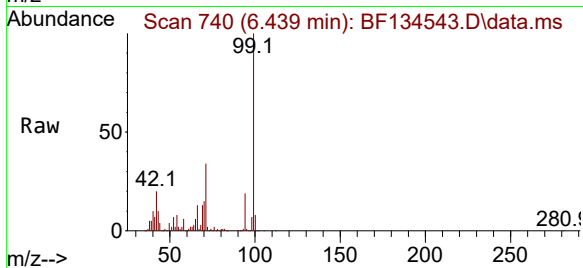




#7
Phenol-d6
Concen: 131.460 ng
RT: 6.439 min Scan# 740
Delta R.T. 0.012 min
Lab File: BF134543.D
Acq: 01 Aug 2023 11:47

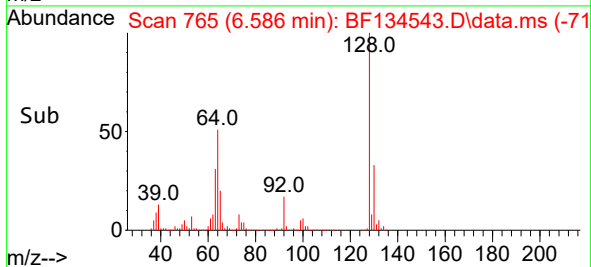
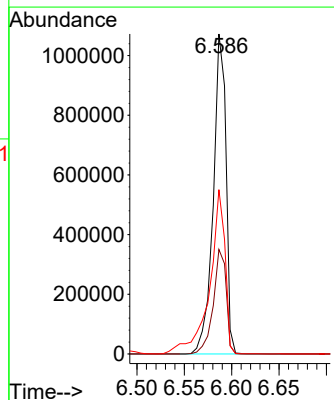
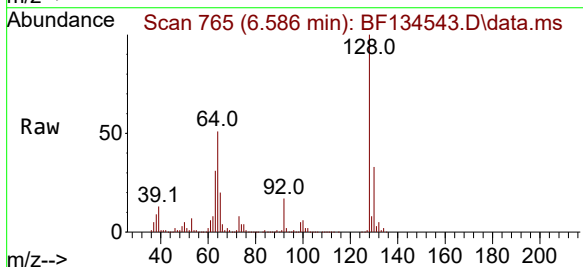
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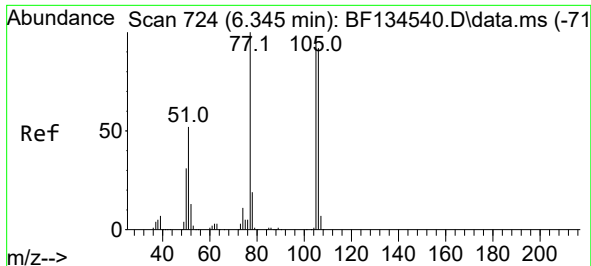
Tgt Ion: 99 Resp: 2520460
Ion Ratio Lower Upper
99 100
42 19.6 18.7 28.1
71 34.2 36.4 54.6#



#8
2-Chlorophenol
Concen: 66.202 ng
RT: 6.586 min Scan# 765
Delta R.T. 0.006 min
Lab File: BF134543.D
Acq: 01 Aug 2023 11:47

Tgt Ion:128 Resp: 1001633
Ion Ratio Lower Upper
128 100
130 32.6 11.1 51.1
64 51.3 31.9 71.9

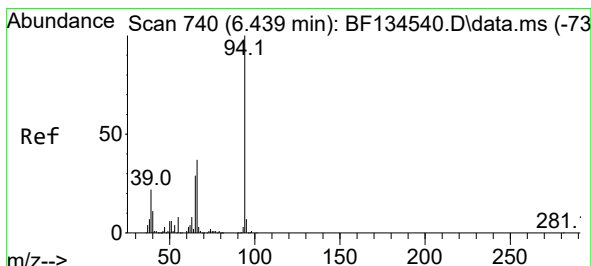
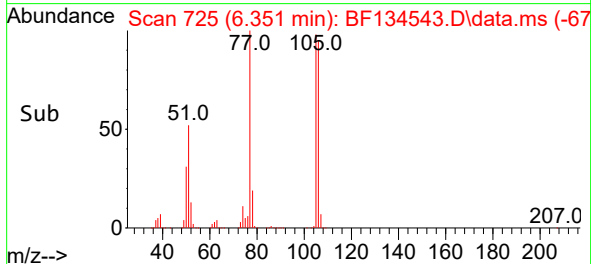
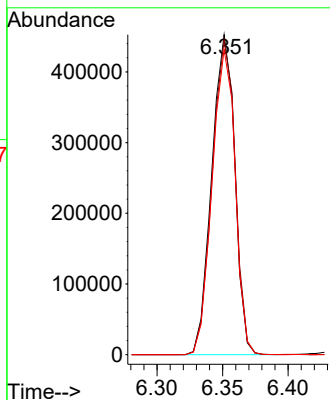
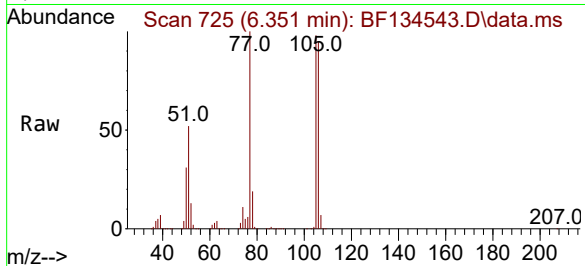




#9
Benzaldehyde
Concen: 55.444 ng
RT: 6.351 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF134543.D
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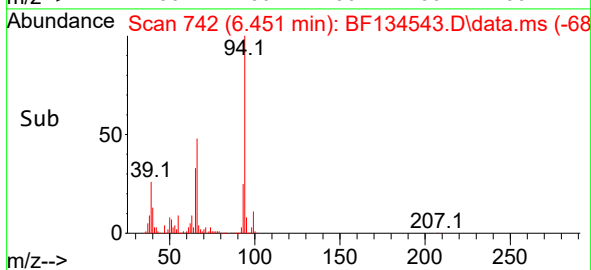
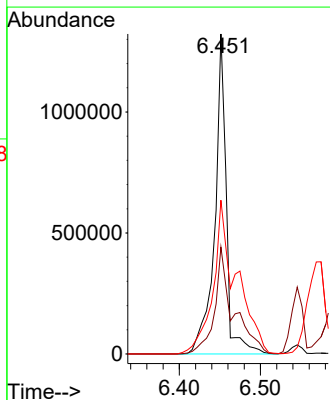
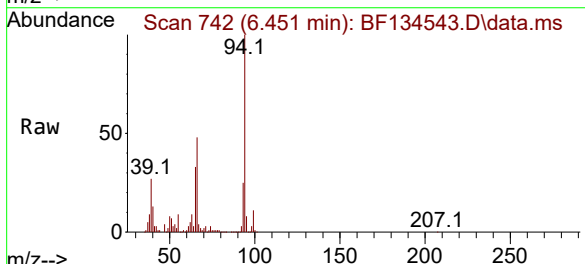
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ClientSampleId :

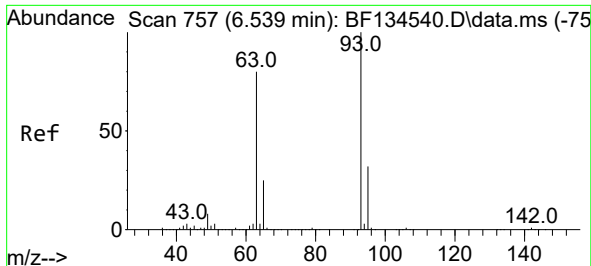
Tgt Ion: 77 Resp: 551166
Ion Ratio Lower Upper
77 100
105 98.3 77.1 117.1
106 95.3 71.4 111.4



#10
Phenol
Concen: 67.593 ng
RT: 6.451 min Scan# 742
Delta R.T. 0.012 min
Lab File: BF134543.D
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Tgt Ion: 94 Resp: 1307155
Ion Ratio Lower Upper
94 100
65 33.4 17.8 57.8
66 48.1 35.2 75.2

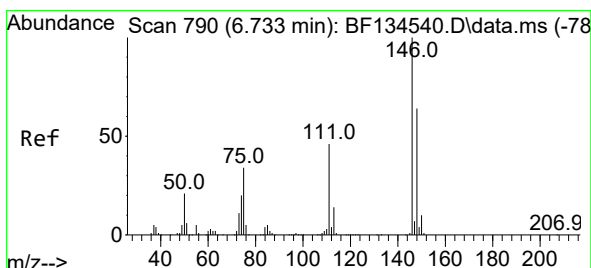
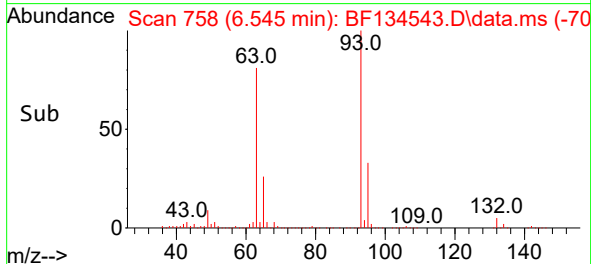
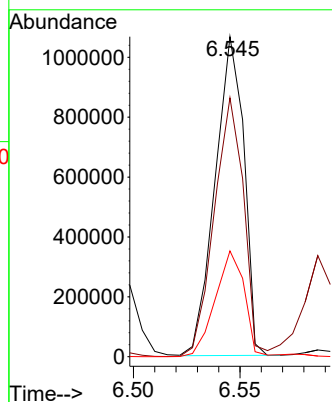
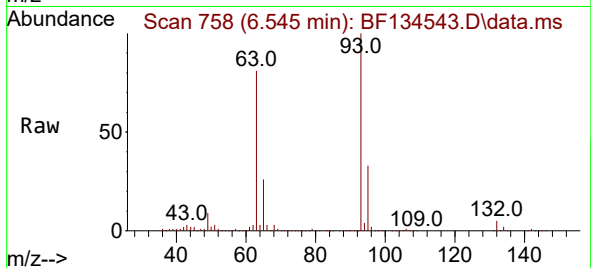




#11
bis(2-Chloroethyl)ether
Concen: 66.813 ng
RT: 6.545 min Scan# 710
Delta R.T. 0.006 min
Lab File: BF134543.D
Acq: 01 Aug 2023 11:47

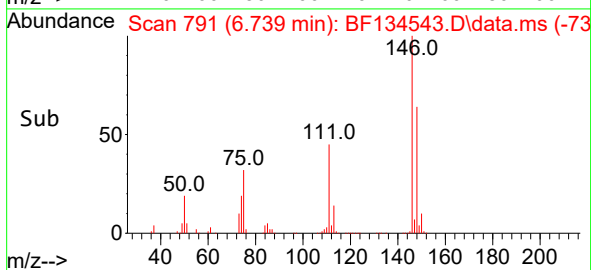
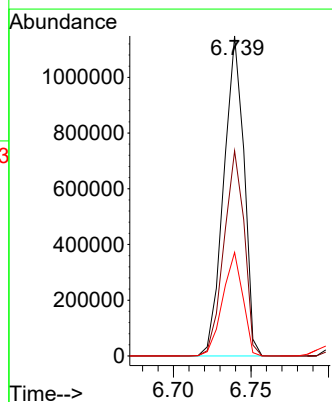
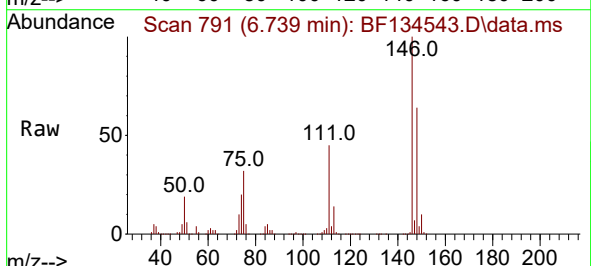
Instrument :
BNA_F
ClientSampleId :

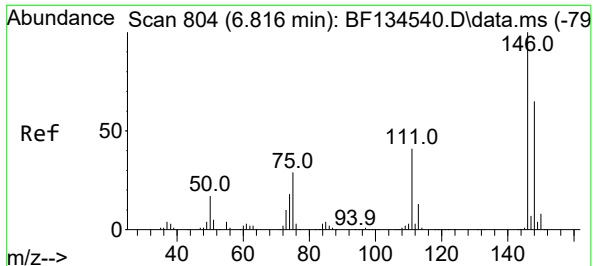
Tgt Ion: 93 Resp: 1002822
Ion Ratio Lower Upper
93 100
63 80.9 68.4 108.4
95 33.0 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 66.656 ng
RT: 6.739 min Scan# 791
Delta R.T. 0.006 min
Lab File: BF134543.D
Acq: 01 Aug 2023 11:47

Tgt Ion:146 Resp: 1043434
Ion Ratio Lower Upper
146 100
148 64.1 49.7 74.5
75 32.3 29.5 44.3





#13

1,4-Dichlorobenzene

Concen: 65.556 ng

RT: 6.816 min Scan# 80

Delta R.T. 0.000 min

Lab File: BF134543.D

Acq: 01 Aug 2023 11:47

Instrument :

BNA_F

ClientSampleId :

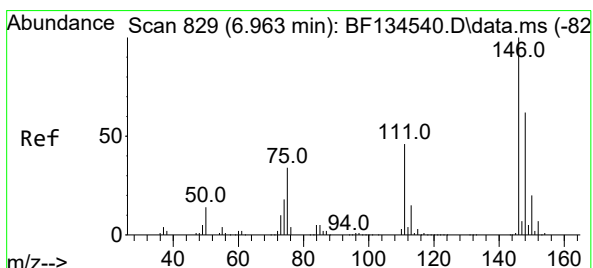
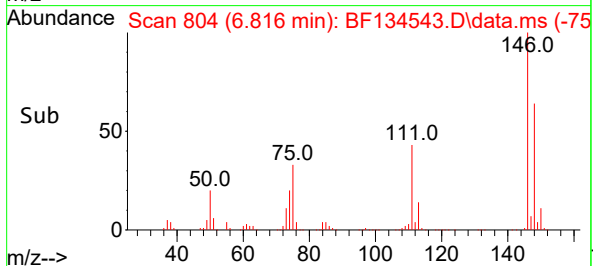
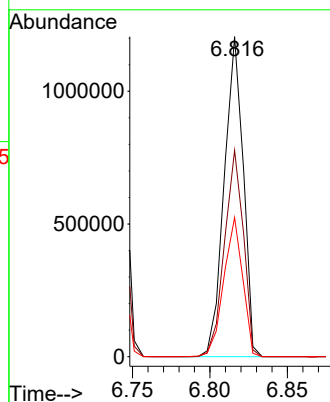
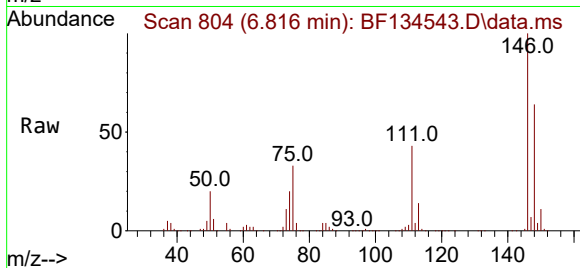
Tgt Ion:146 Resp: 1028490

Ion Ratio Lower Upper

146 100

148 64.5 51.3 76.9

111 43.5 36.6 55.0



#14

1,2-Dichlorobenzene

Concen: 62.498 ng

RT: 6.969 min Scan# 830

Delta R.T. 0.006 min

Lab File: BF134543.D

Acq: 01 Aug 2023 11:47

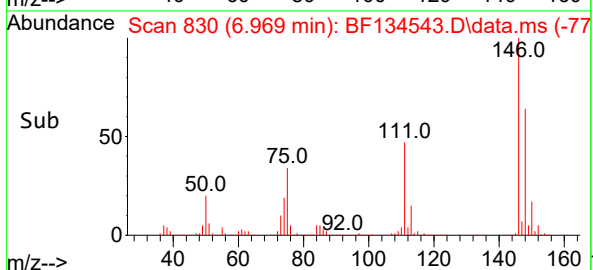
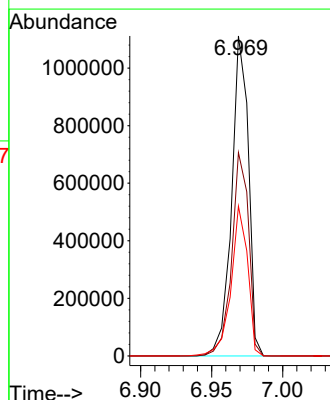
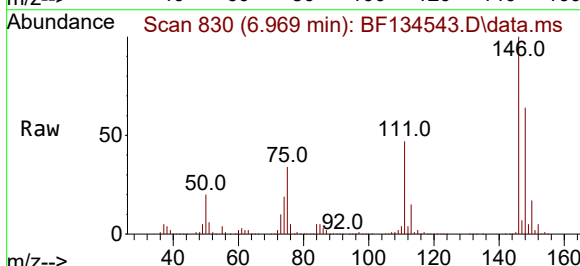
Tgt Ion:146 Resp: 913581

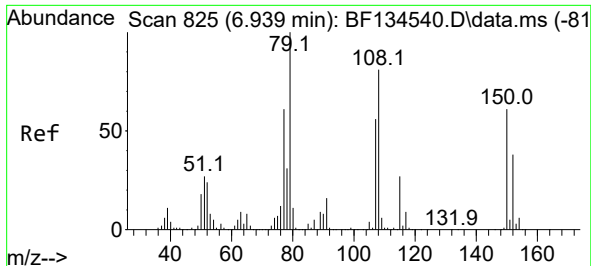
Ion Ratio Lower Upper

146 100

148 63.5 51.2 76.8

111 46.8 39.9 59.9

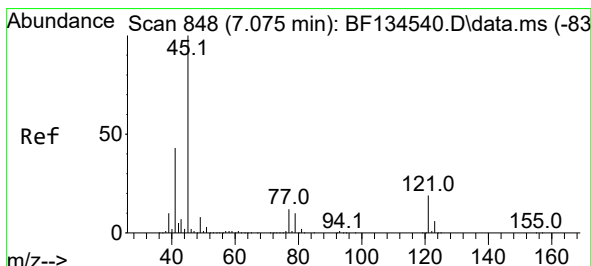
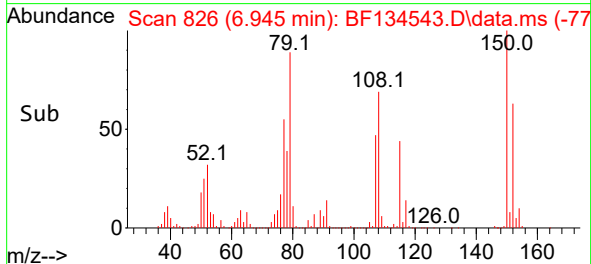
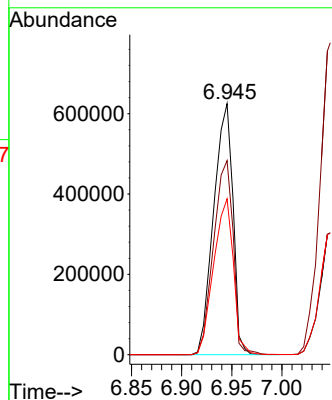
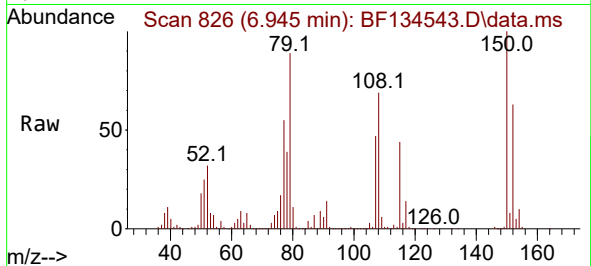




#15
Benzyl Alcohol
Concen: 63.133 ng
RT: 6.945 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF134543.D
Acq: 01 Aug 2023 11:47

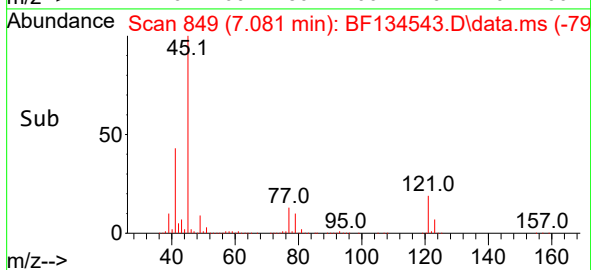
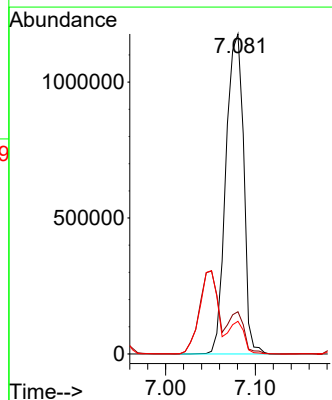
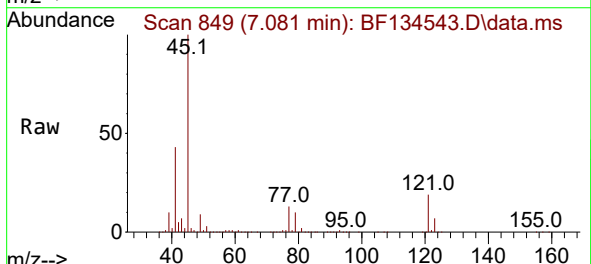
Instrument :
BNA_F
ClientSampleId :

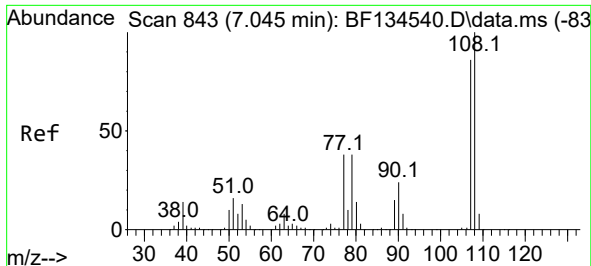
Tgt Ion: 79 Resp: 835044
Ion Ratio Lower Upper
79 100
108 77.3 56.3 84.5
77 62.1 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 68.256 ng
RT: 7.081 min Scan# 849
Delta R.T. 0.006 min
Lab File: BF134543.D
Acq: 01 Aug 2023 11:47

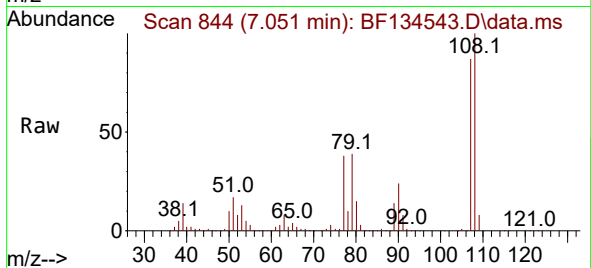
Tgt Ion: 45 Resp: 1604997
Ion Ratio Lower Upper
45 100
77 13.2 0.0 37.8
79 10.2 0.0 34.5



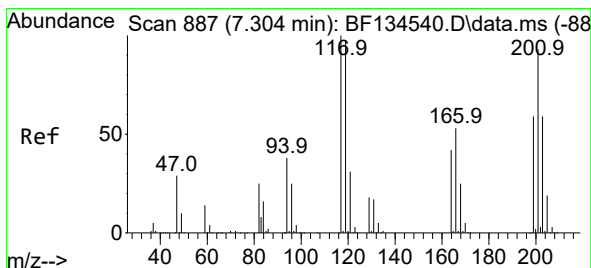
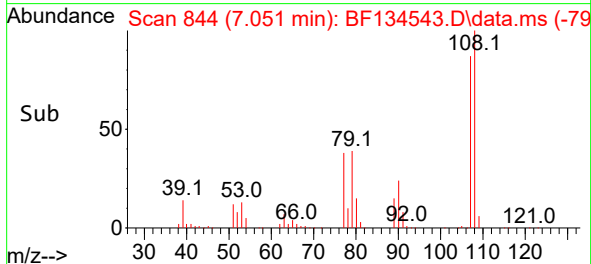
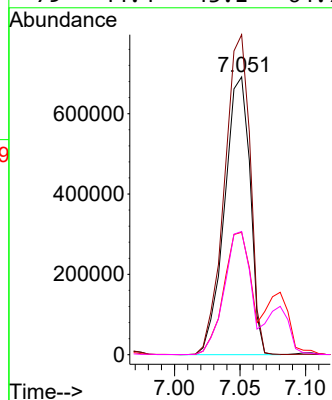


#17
2-Methylphenol
Concen: 70.131 ng
RT: 7.051 min Scan# 843
Delta R.T. 0.006 min
Lab File: BF134543.D
Acq: 01 Aug 2023 11:47

Instrument :
BNA_F
ClientSampleId :

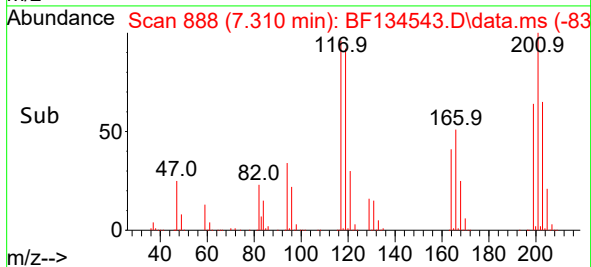
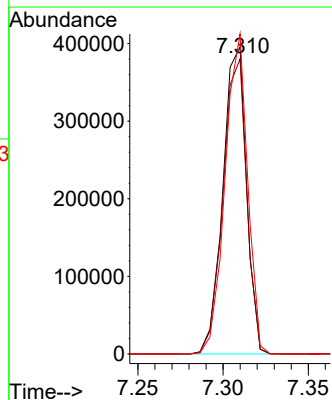
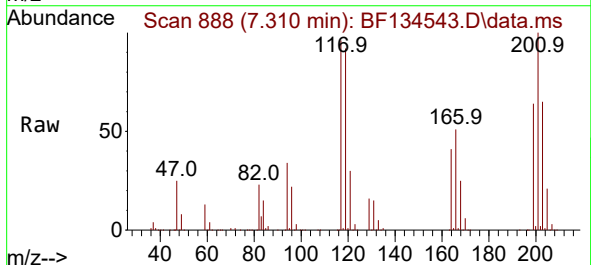


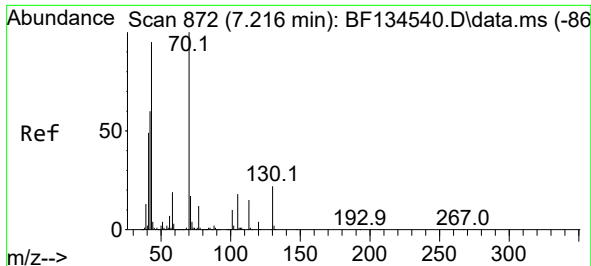
Tgt Ion:107 Resp: 937651
Ion Ratio Lower Upper
107 100
108 115.2 89.4 134.2
77 44.1 42.4 63.6
79 44.4 43.1 64.7



#18
Hexachloroethane
Concen: 69.306 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.006 min
Lab File: BF134543.D
Acq: 01 Aug 2023 11:47

Tgt Ion:117 Resp: 381617
Ion Ratio Lower Upper
117 100
119 96.1 75.8 113.8
201 104.2 73.6 110.4





#19

n-Nitroso-di-n-propylamine

Concen: 66.593 ng

RT: 7.228 min Scan# 81

Delta R.T. 0.012 min

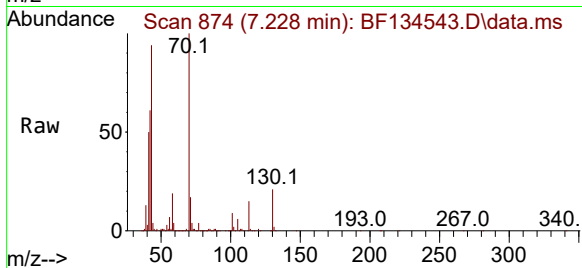
Lab File: BF134543.D

Acq: 01 Aug 2023 11:47

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 70 Resp: 764444

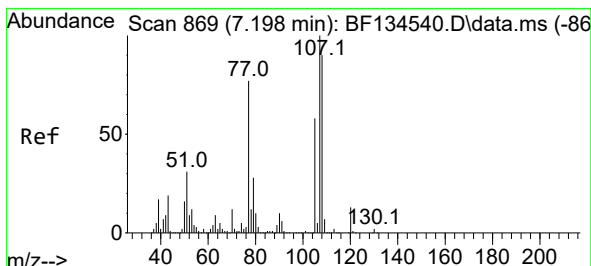
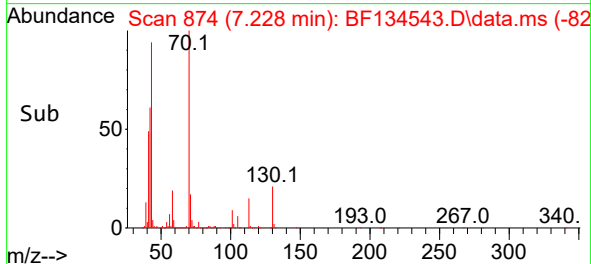
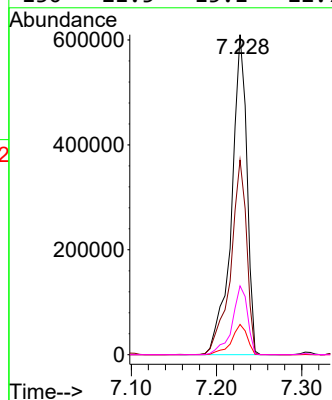
Ion Ratio Lower Upper

70 100

42 60.8 54.7 82.1

101 9.5 8.2 12.2

130 21.5 15.1 22.7



#20

3+4-Methylphenols

Concen: 60.026 ng

RT: 7.210 min Scan# 871

Delta R.T. 0.012 min

Lab File: BF134543.D

Acq: 01 Aug 2023 11:47

Tgt Ion: 107 Resp: 967867

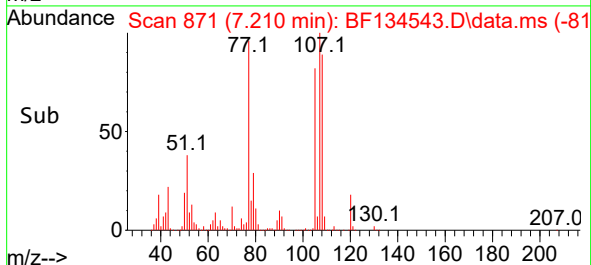
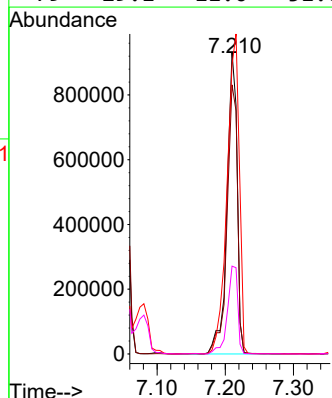
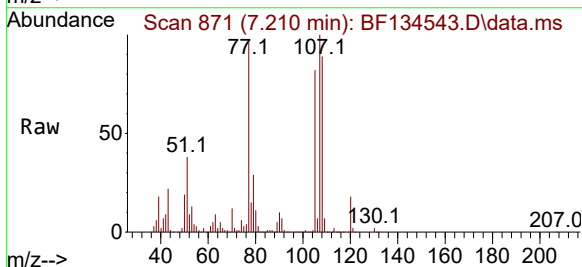
Ion Ratio Lower Upper

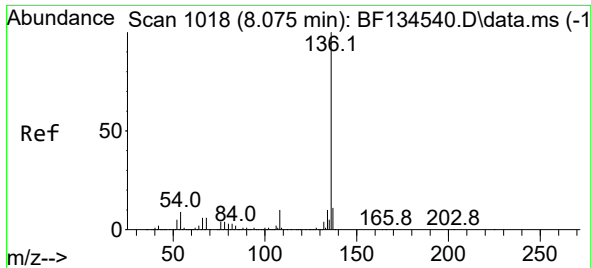
107 100

108 89.2 68.1 108.1

77 95.9 122.1 162.1#

79 29.1 11.0 51.0

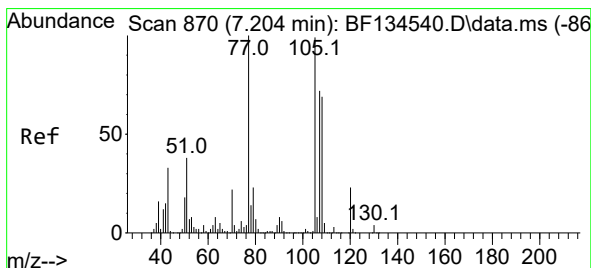
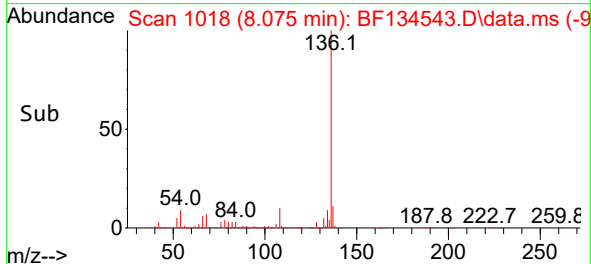
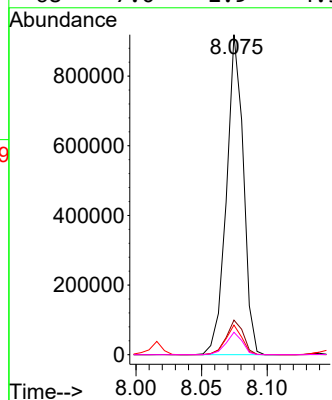
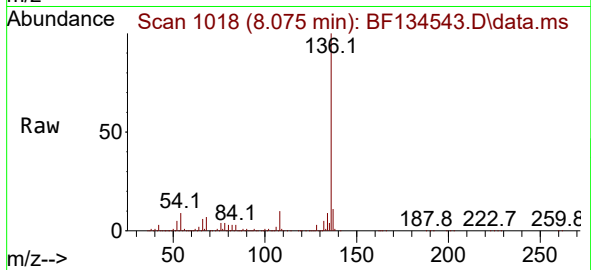




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BF134543.D
Acq: 01 Aug 2023 11:47

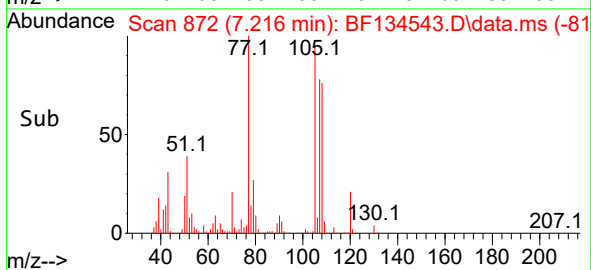
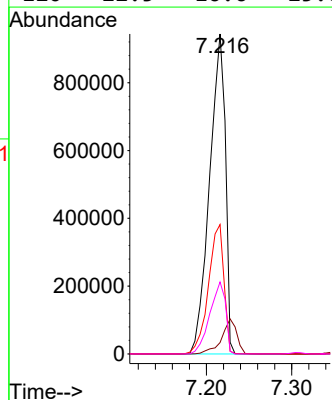
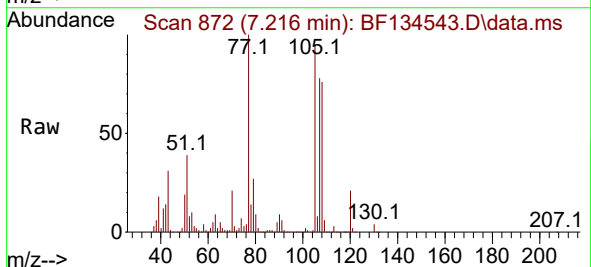
Instrument :
BNA_F
ClientSampleId :

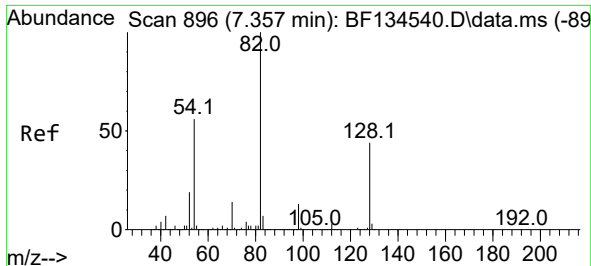
Tgt Ion:136 Resp: 822174
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 9.2 5.2 7.8#
68 7.0 2.9 4.3#



#22
Acetophenone
Concen: 63.962 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.012 min
Lab File: BF134543.D
Acq: 01 Aug 2023 11:47

Tgt Ion:105 Resp: 1214036
Ion Ratio Lower Upper
105 100
71 3.6 7.4 11.0#
51 40.5 36.4 54.6
120 22.5 16.6 25.0





#23

Nitrobenzene-d5

Concen: 162.178 ng

RT: 7.369 min Scan# 89

Delta R.T. 0.012 min

Lab File: BF134543.D

Acq: 01 Aug 2023 11:47

Instrument :

BNA_F

ClientSampleId :

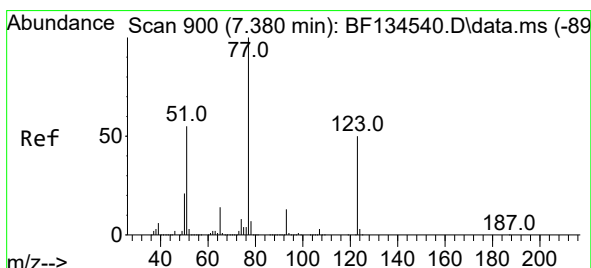
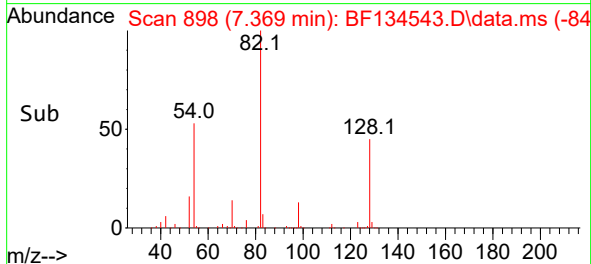
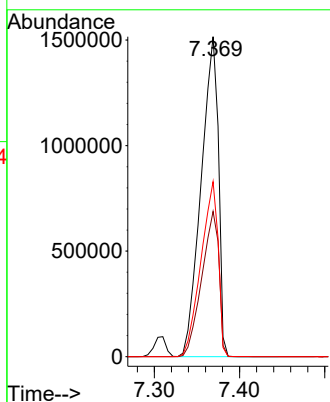
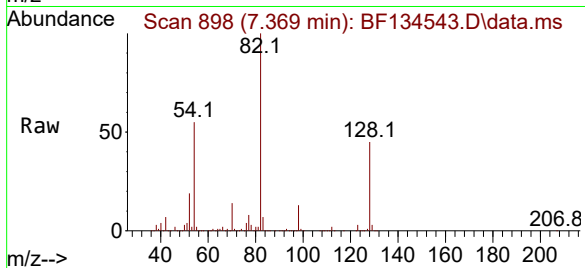
Tgt Ion: 82 Resp: 2133664

Ion Ratio Lower Upper

82 100

128 45.4 34.3 51.5

54 54.7 43.8 65.6



#24

Nitrobenzene

Concen: 76.675 ng

RT: 7.386 min Scan# 901

Delta R.T. 0.006 min

Lab File: BF134543.D

Acq: 01 Aug 2023 11:47

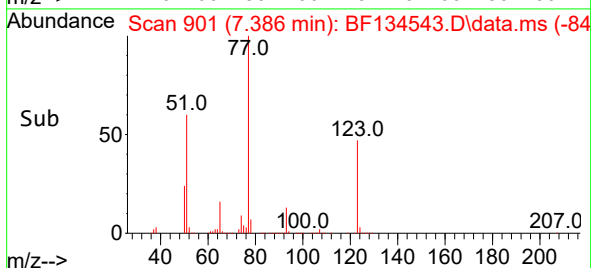
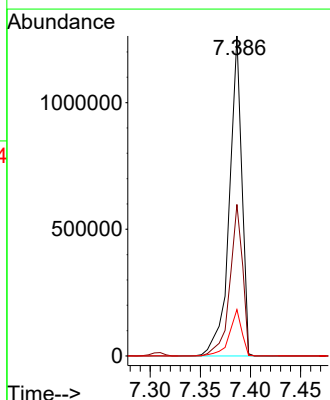
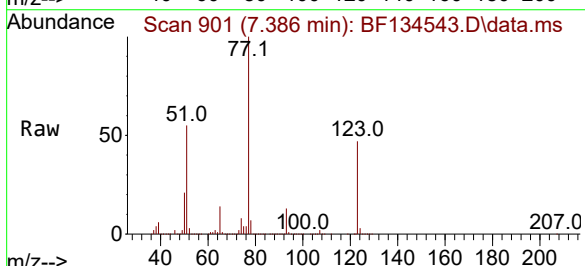
Tgt Ion: 77 Resp: 1089811

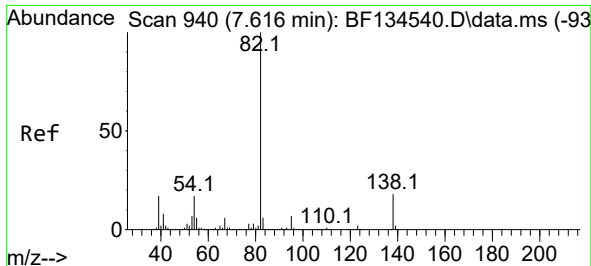
Ion Ratio Lower Upper

77 100

123 47.4 35.5 53.3

65 14.5 11.9 17.9

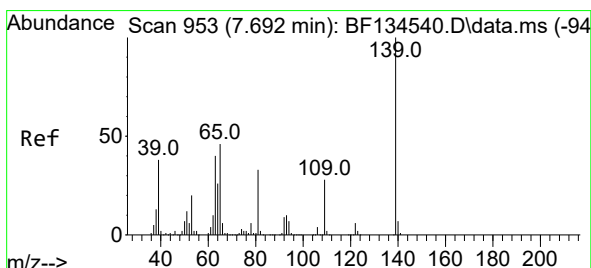
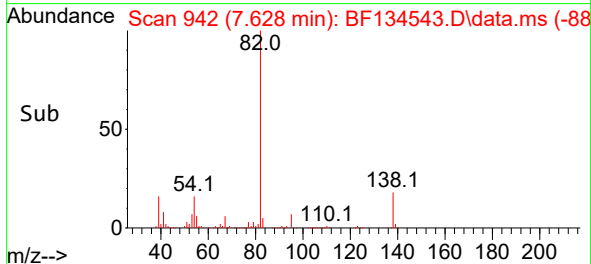
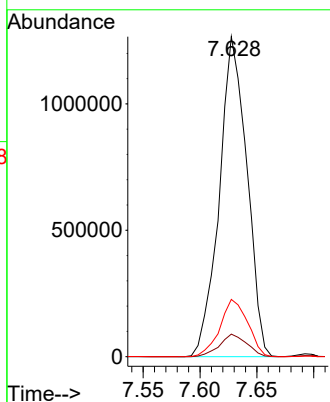
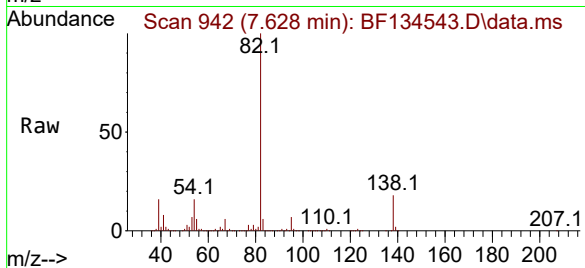




#25
Isophorone
Concen: 74.718 ng
RT: 7.628 min Scan# 941
Delta R.T. 0.012 min
Lab File: BF134543.D
Acq: 01 Aug 2023 11:47

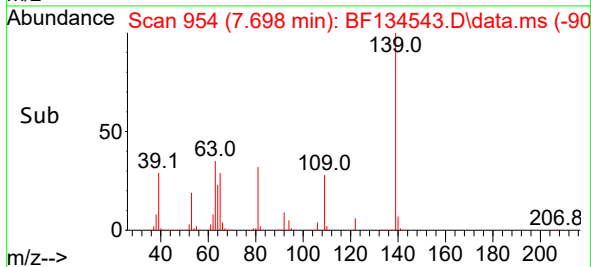
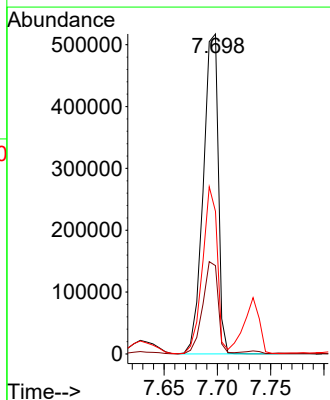
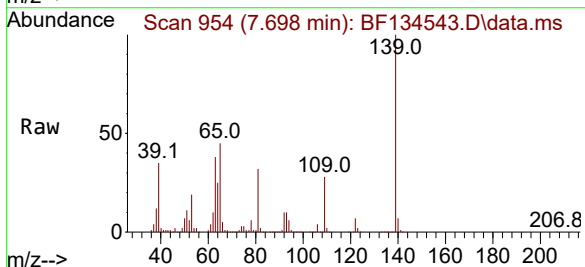
Instrument :
BNA_F
ClientSampleId :

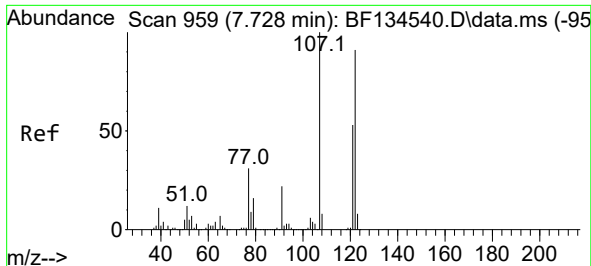
Tgt Ion: 82 Resp: 2144057
Ion Ratio Lower Upper
82 100
95 7.0 6.0 9.0
138 17.9 14.6 22.0



#26
2-Nitrophenol
Concen: 101.297 ng
RT: 7.698 min Scan# 954
Delta R.T. 0.006 min
Lab File: BF134543.D
Acq: 01 Aug 2023 11:47

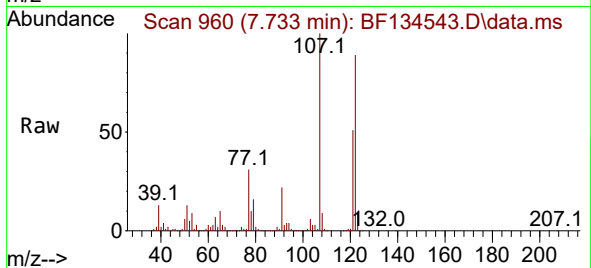
Tgt Ion:139 Resp: 509656
Ion Ratio Lower Upper
139 100
109 27.6 29.8 44.6#
65 44.6 45.4 68.2#



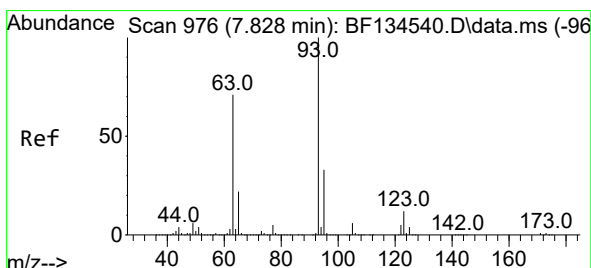
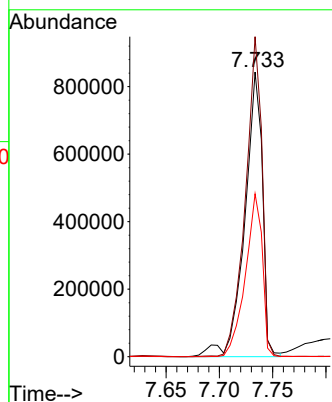
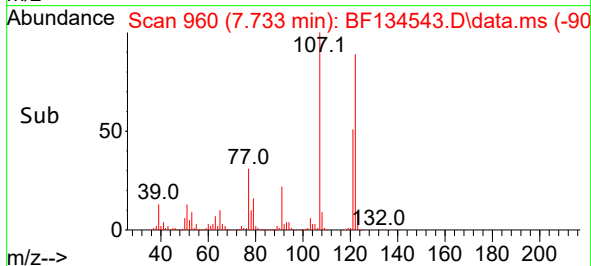


#27
2,4-Dimethylphenol
Concen: 75.763 ng
RT: 7.733 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF134543.D
Acq: 01 Aug 2023 11:47

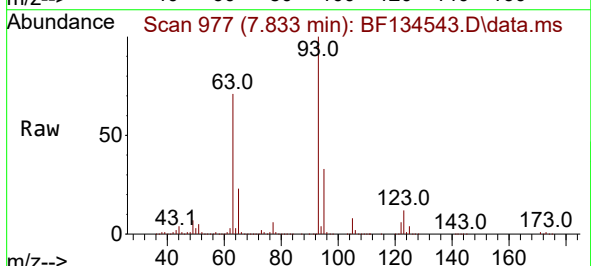
Instrument :
BNA_F
ClientSampleId :



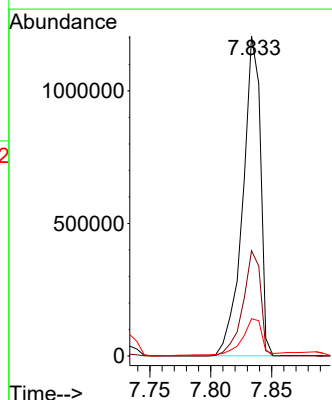
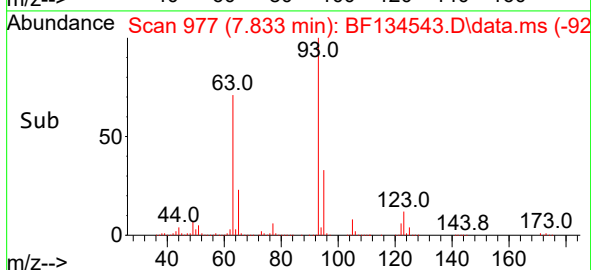
Tgt Ion:122 Resp: 974960
Ion Ratio Lower Upper
122 100
107 112.4 106.7 160.1
121 57.2 49.0 73.6

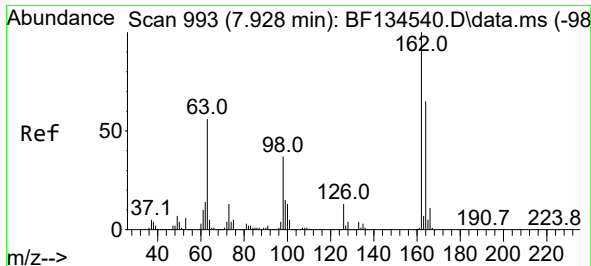


#28
bis(2-Chloroethoxy)methane
Concen: 71.000 ng
RT: 7.833 min Scan# 977
Delta R.T. 0.006 min
Lab File: BF134543.D
Acq: 01 Aug 2023 11:47



Tgt Ion: 93 Resp: 1218744
Ion Ratio Lower Upper
93 100
95 32.9 26.5 39.7
123 11.7 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 73.791 ng

RT: 7.933 min Scan# 993

Delta R.T. 0.006 min

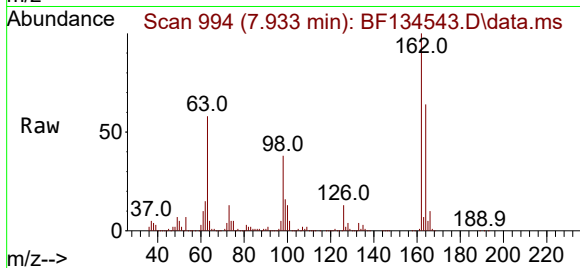
Lab File: BF134543.D

Acq: 01 Aug 2023 11:47

Instrument :

BNA_F

ClientSampleId :



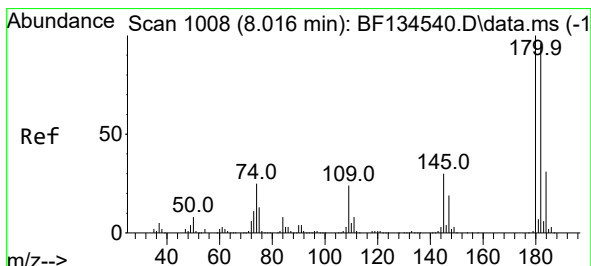
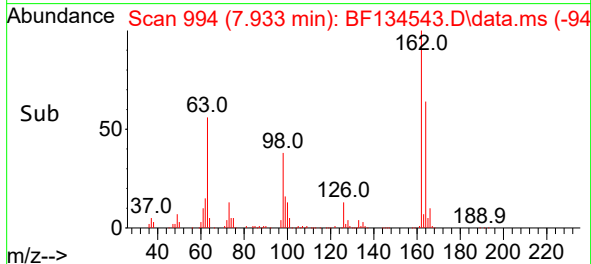
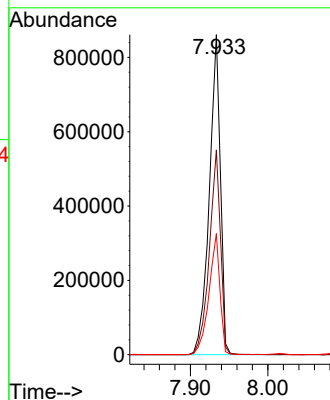
Tgt Ion:162 Resp: 857497

Ion Ratio Lower Upper

162 100

164 64.0 42.2 82.2

98 37.9 15.5 55.5



#30

1,2,4-Trichlorobenzene

Concen: 70.434 ng

RT: 8.016 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BF134543.D

Acq: 01 Aug 2023 11:47

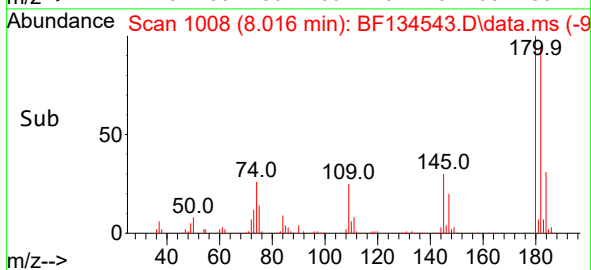
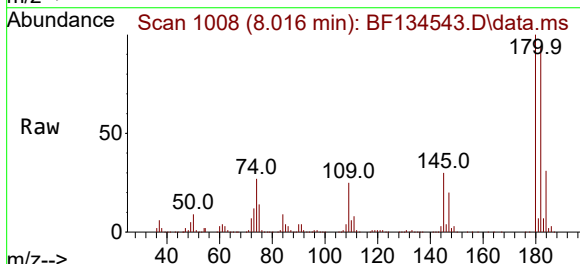
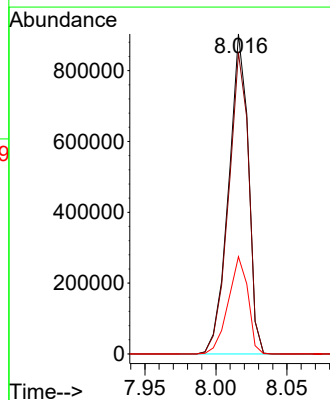
Tgt Ion:180 Resp: 872812

Ion Ratio Lower Upper

180 100

182 94.1 75.0 112.6

145 30.4 25.5 38.3

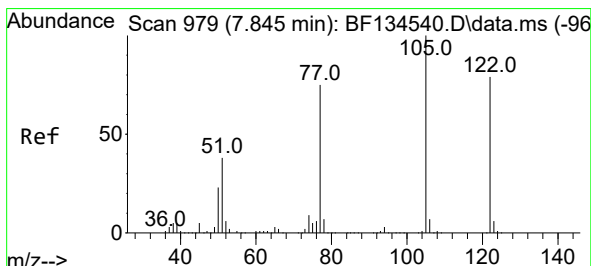
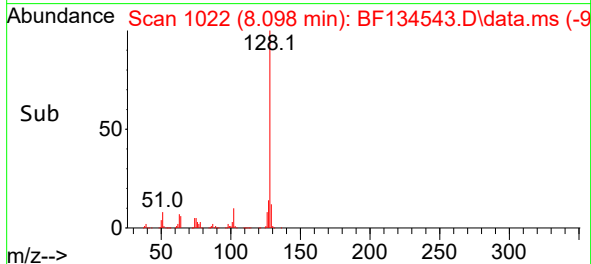
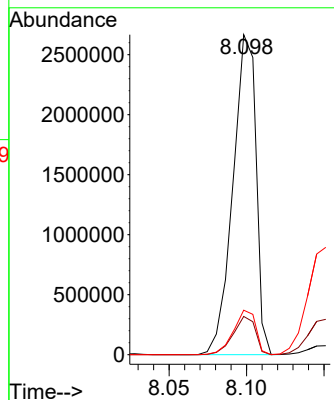
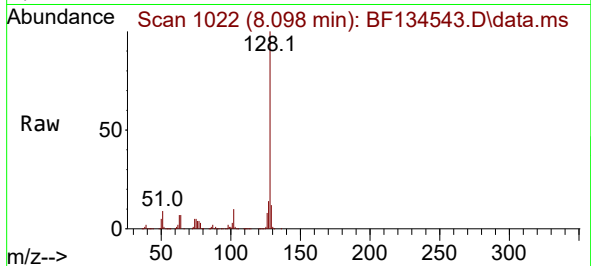




#31
Naphthalene
Concen: 66.965 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF134543.D
Acq: 01 Aug 2023 11:47

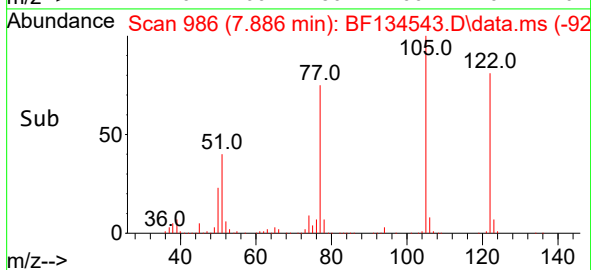
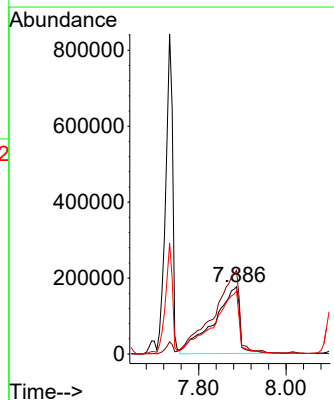
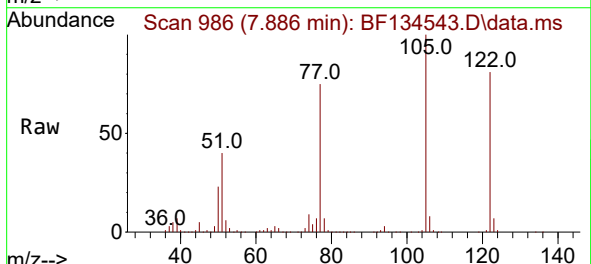
Instrument :
BNA_F
ClientSampleId :

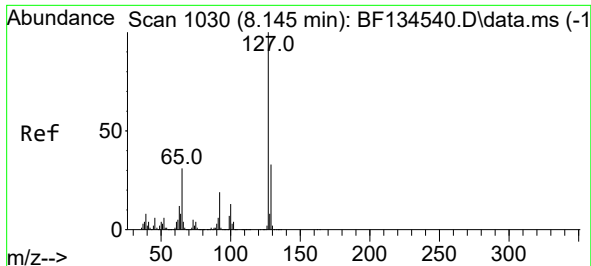
Tgt Ion:128 Resp: 2767045
Ion Ratio Lower Upper
128 100
129 11.9 8.4 12.6
127 13.9 10.7 16.1



#32
Benzoic acid
Concen: 100.332 ng
RT: 7.886 min Scan# 986
Delta R.T. 0.041 min
Lab File: BF134543.D
Acq: 01 Aug 2023 11:47

Tgt Ion:122 Resp: 727119
Ion Ratio Lower Upper
122 100
105 124.1 87.5 127.5
77 93.7 71.4 111.4

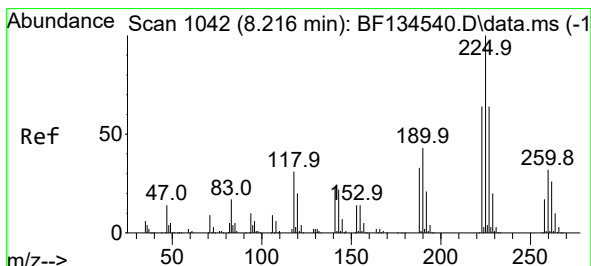
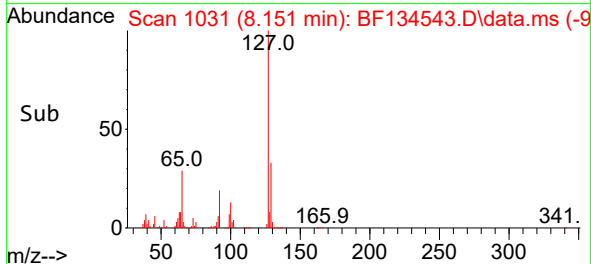
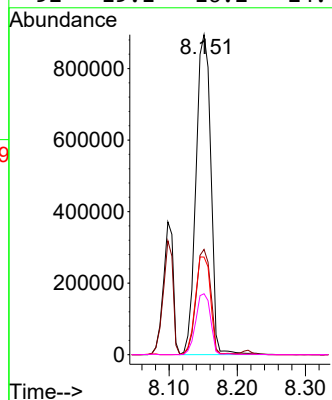
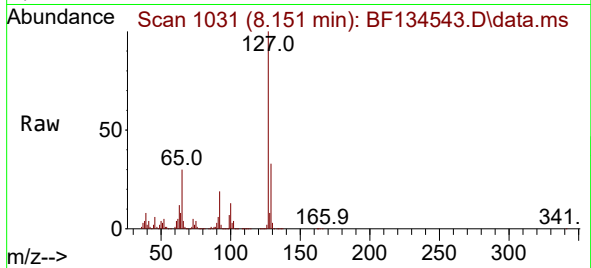




#33
4-Chloroaniline
Concen: 73.118 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.006 min
Lab File: BF134543.D
Acq: 01 Aug 2023 11:47

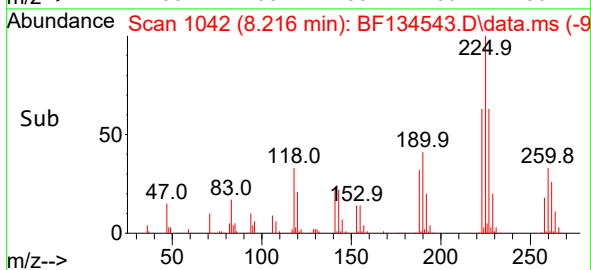
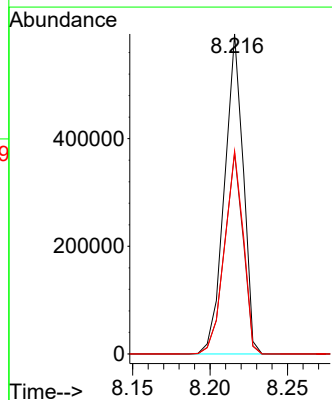
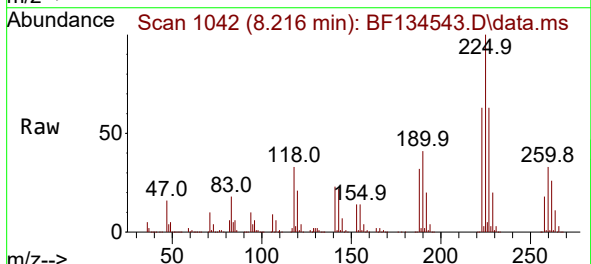
Instrument :
BNA_F
ClientSampleId :

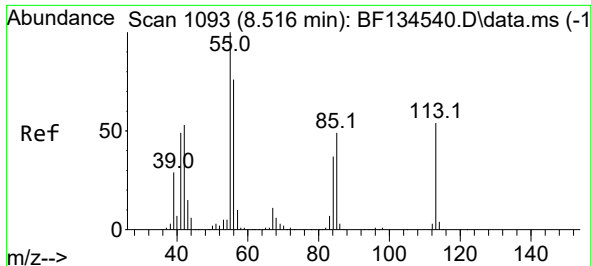
Tgt Ion:127 Resp: 1346207
Ion Ratio Lower Upper
127 100
129 32.9 25.6 38.4
65 30.5 25.4 38.0
92 19.1 16.2 24.4



#34
Hexachlorobutadiene
Concen: 69.851 ng
RT: 8.216 min Scan# 1042
Delta R.T. 0.000 min
Lab File: BF134543.D
Acq: 01 Aug 2023 11:47

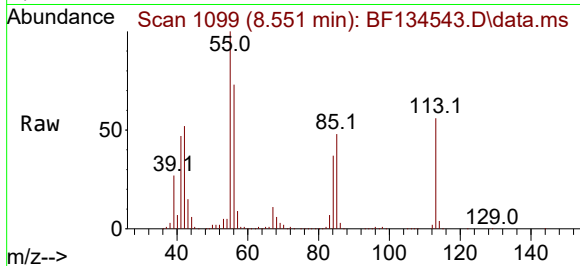
Tgt Ion:225 Resp: 499289
Ion Ratio Lower Upper
225 100
223 62.8 48.2 72.4
227 63.4 48.5 72.7



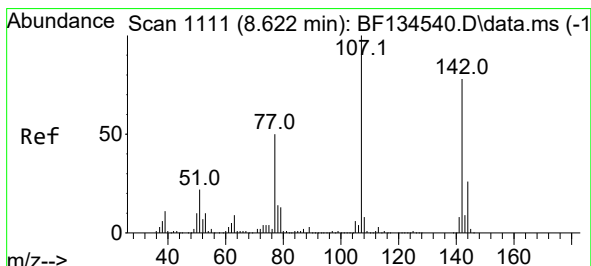
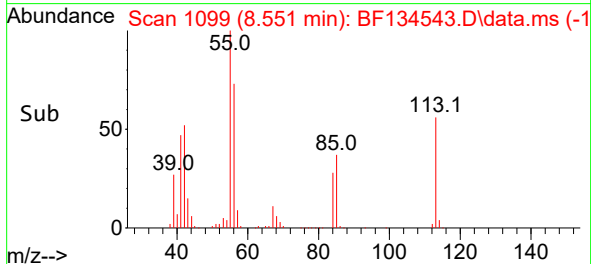
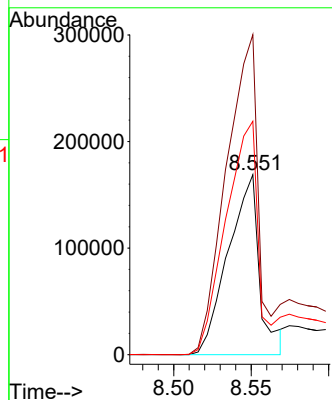


#35
Caprolactam
Concen: 62.197 ng
RT: 8.551 min Scan# 1099
Delta R.T. 0.035 min
Lab File: BF134543.D
Acq: 01 Aug 2023 11:47

Instrument :
BNA_F
ClientSampleId :

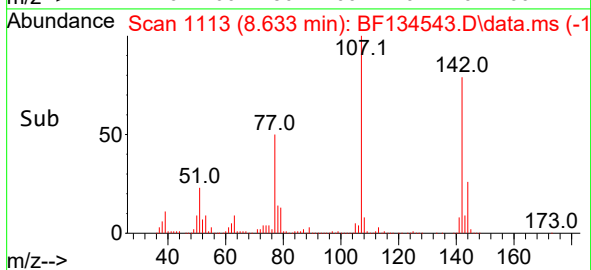
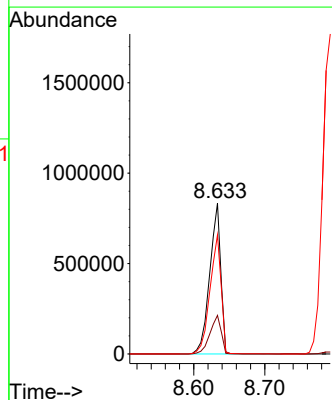
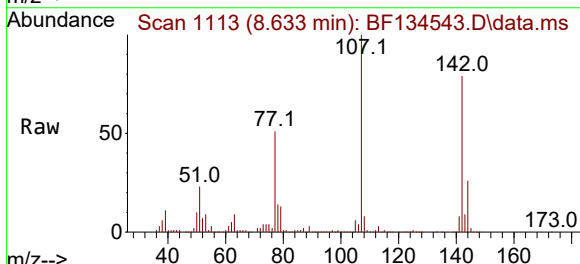


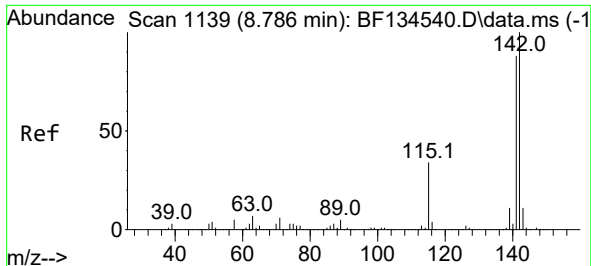
Tgt Ion:113 Resp: 237120
Ion Ratio Lower Upper
113 100
55 177.8 161.5 201.5
56 129.7 117.8 157.8



#36
4-Chloro-3-methylphenol
Concen: 73.529 ng
RT: 8.633 min Scan# 1113
Delta R.T. 0.012 min
Lab File: BF134543.D
Acq: 01 Aug 2023 11:47

Tgt Ion:107 Resp: 904899
Ion Ratio Lower Upper
107 100
144 25.6 19.6 29.4
142 78.9 57.7 86.5

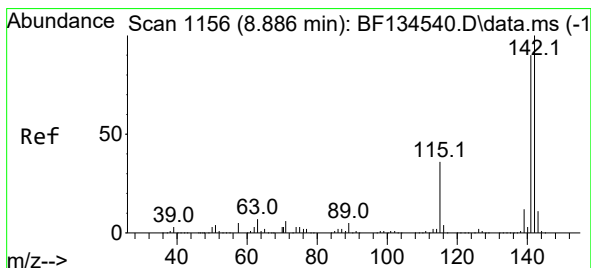
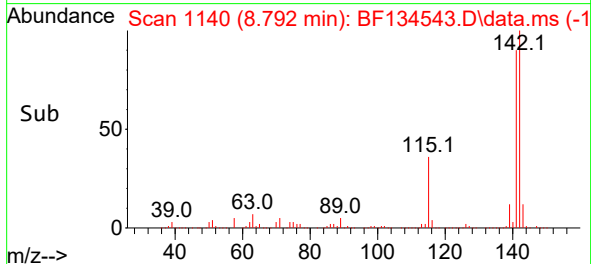
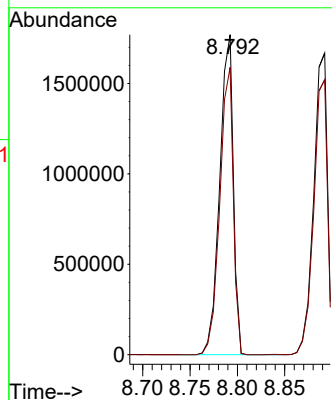
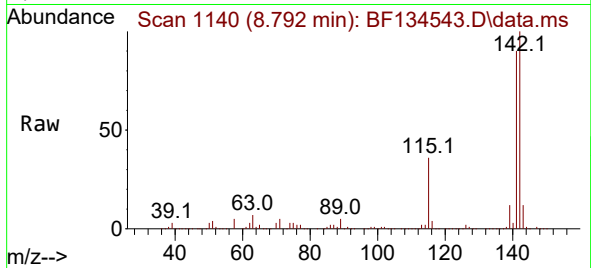




#37
2-Methylnaphthalene
Concen: 64.577 ng
RT: 8.792 min Scan# 1139
Delta R.T. 0.006 min
Lab File: BF134543.D
Acq: 01 Aug 2023 11:47

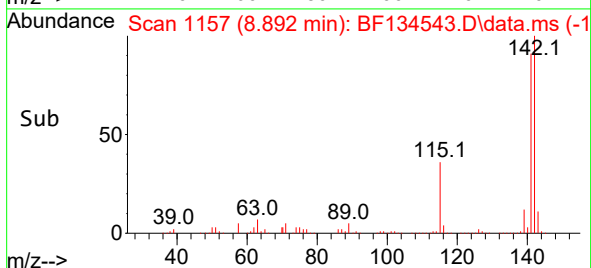
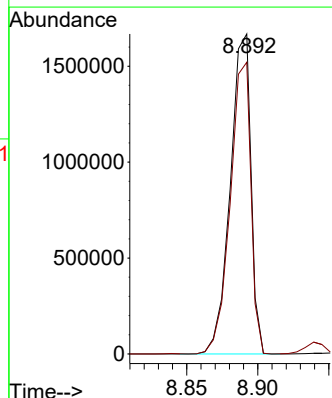
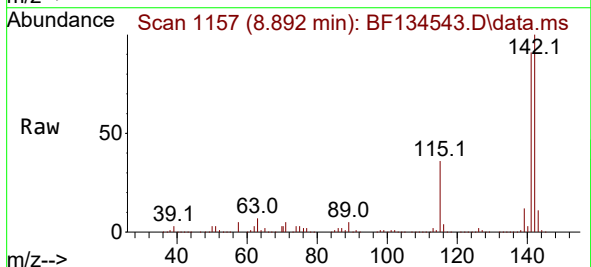
Instrument :
BNA_F
ClientSampleId :

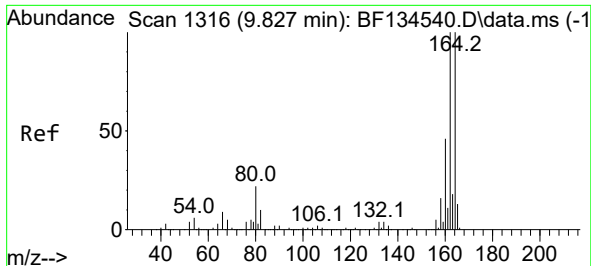
Tgt Ion:142 Resp: 1768696
Ion Ratio Lower Upper
142 100
141 89.8 70.8 106.2



#38
1-Methylnaphthalene
Concen: 66.384 ng
RT: 8.892 min Scan# 1157
Delta R.T. 0.006 min
Lab File: BF134543.D
Acq: 01 Aug 2023 11:47

Tgt Ion:142 Resp: 1690719
Ion Ratio Lower Upper
142 100
141 91.2 71.4 107.2

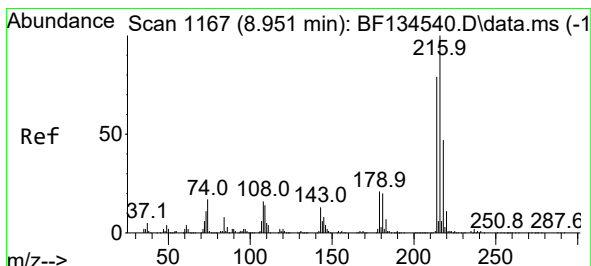
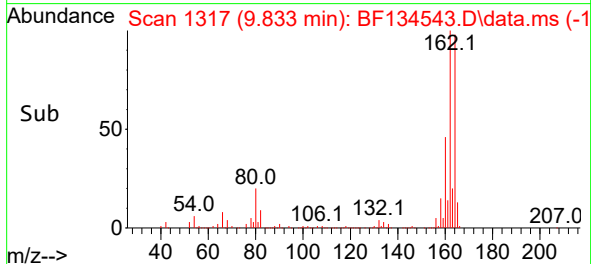
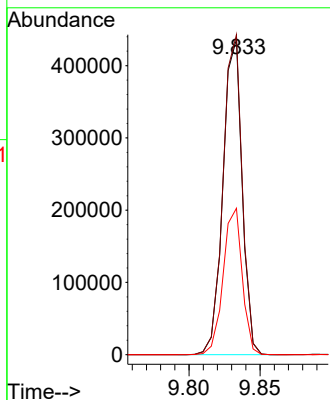
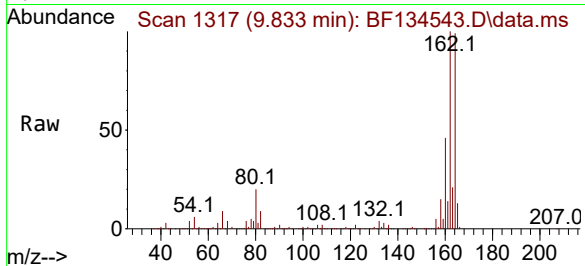




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1117
Delta R.T. 0.006 min
Lab File: BF134543.D
Acq: 01 Aug 2023 11:47

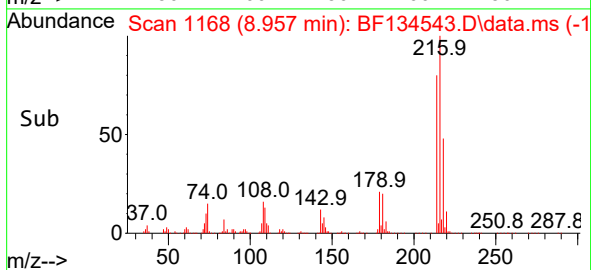
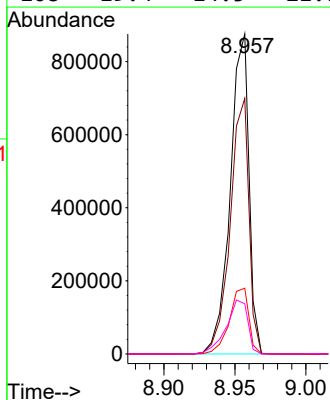
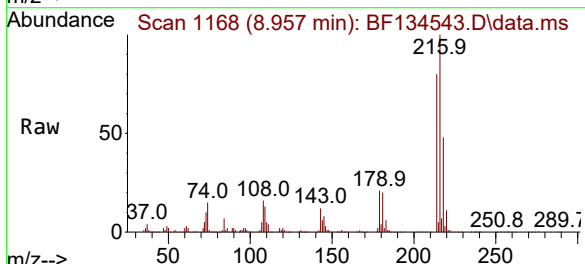
Instrument :
BNA_F
ClientSampleId :

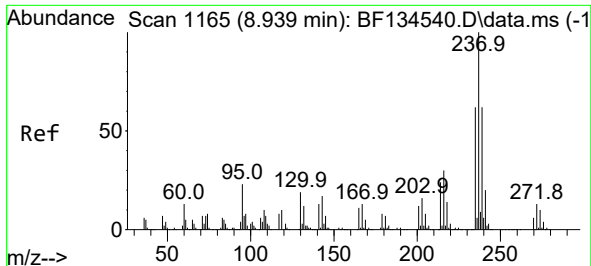
Tgt Ion:164 Resp: 408827
Ion Ratio Lower Upper
164 100
162 101.4 82.6 123.8
160 46.4 37.2 55.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 67.709 ng
RT: 8.957 min Scan# 1168
Delta R.T. 0.006 min
Lab File: BF134543.D
Acq: 01 Aug 2023 11:47

Tgt Ion:216 Resp: 804950
Ion Ratio Lower Upper
216 100
214 79.8 62.3 93.5
179 21.3 17.4 26.0
108 19.4 14.5 21.7

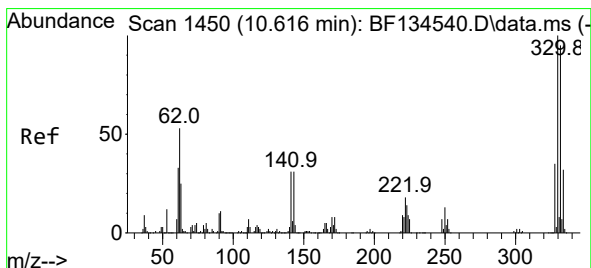
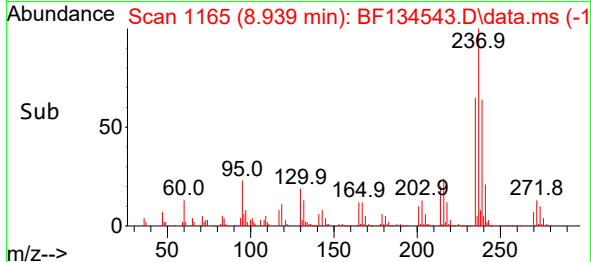
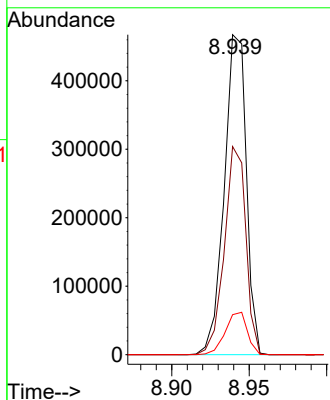
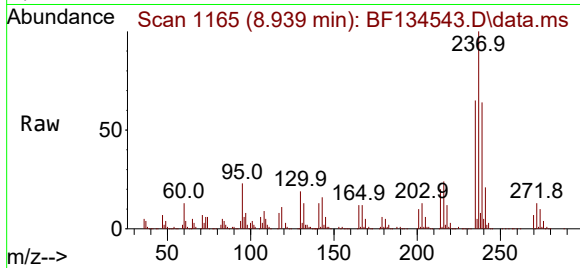




#41
Hexachlorocyclopentadiene
Concen: 80.120 ng
RT: 8.939 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF134543.D
Acq: 01 Aug 2023 11:47

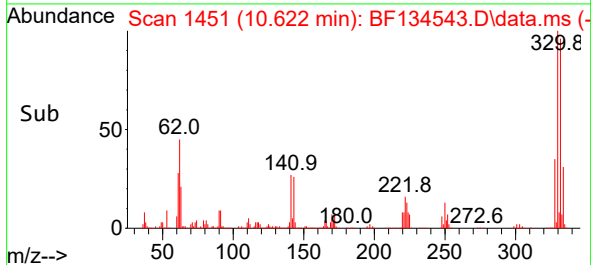
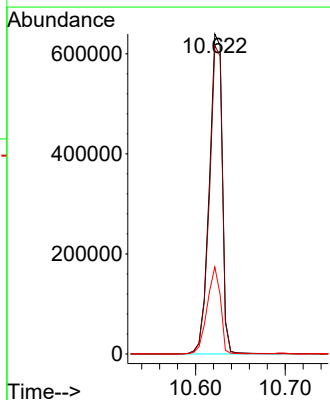
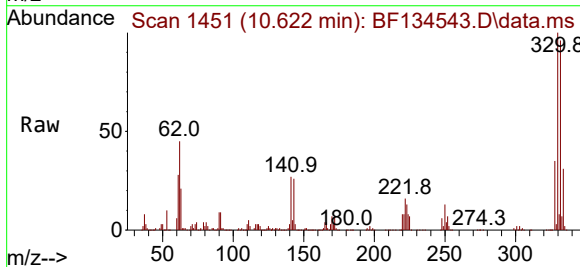
Instrument :
BNA_F
ClientSampleId :

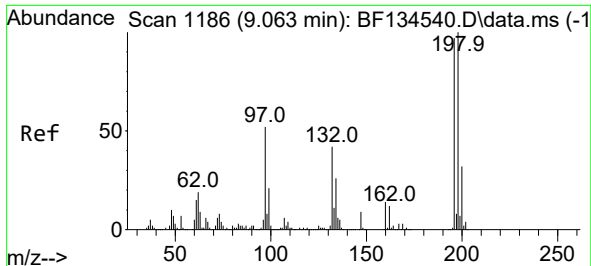
Tgt Ion:237 Resp: 463185
Ion Ratio Lower Upper
237 100
235 65.1 37.0 77.0
272 12.5 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 154.399 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.006 min
Lab File: BF134543.D
Acq: 01 Aug 2023 11:47

Tgt Ion:330 Resp: 643474
Ion Ratio Lower Upper
330 100
332 95.9 78.8 118.2
141 27.8 25.4 38.2





#43

2,4,6-Trichlorophenol

Concen: 74.997 ng

RT: 9.063 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF134543.D

Acq: 01 Aug 2023 11:47

Instrument :

BNA_F

ClientSampleId :

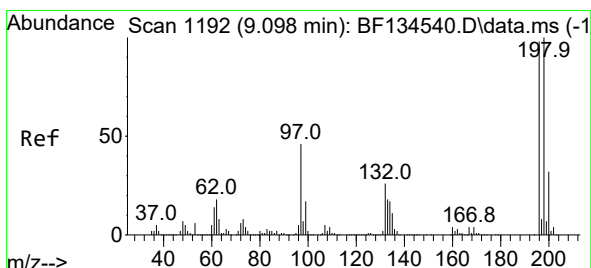
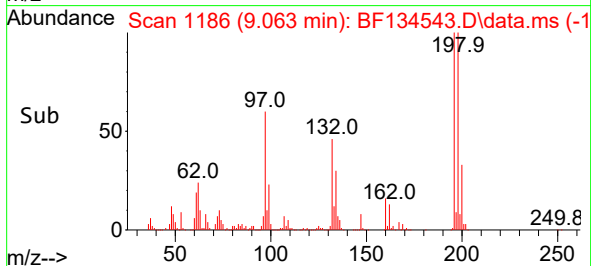
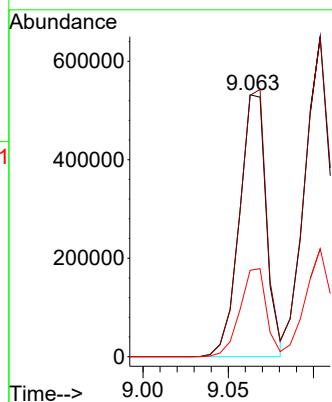
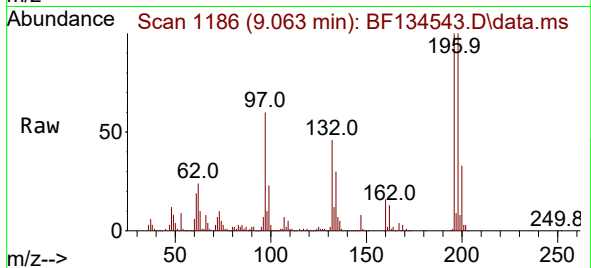
Tgt Ion:196 Resp: 583511

Ion Ratio Lower Upper

196 100

198 99.7 77.4 116.2

200 33.0 25.4 38.2



#44

2,4,5-Trichlorophenol

Concen: 74.435 ng

RT: 9.104 min Scan# 1193

Delta R.T. 0.006 min

Lab File: BF134543.D

Acq: 01 Aug 2023 11:47

Tgt Ion:196 Resp: 661901

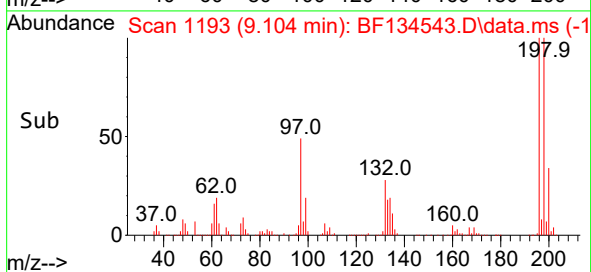
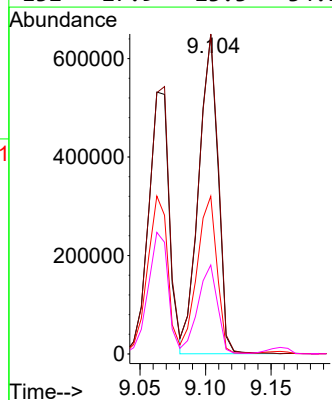
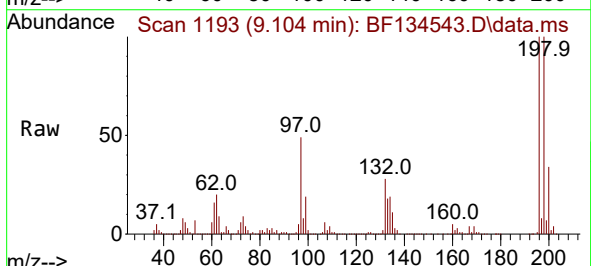
Ion Ratio Lower Upper

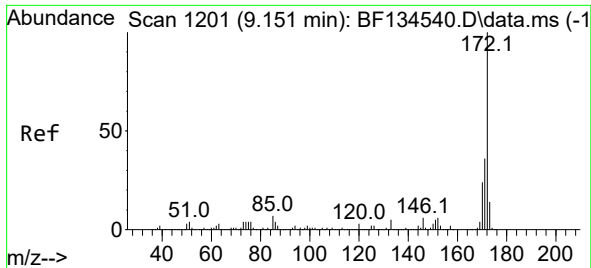
196 100

198 100.2 73.0 109.4

97 49.4 40.8 61.2

132 27.9 23.3 34.9

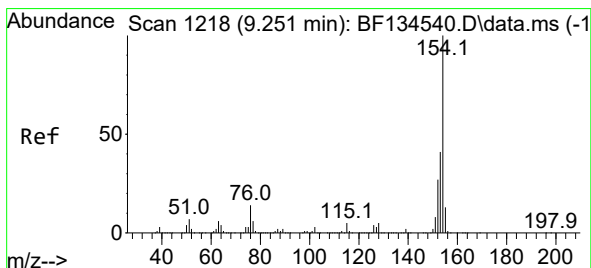
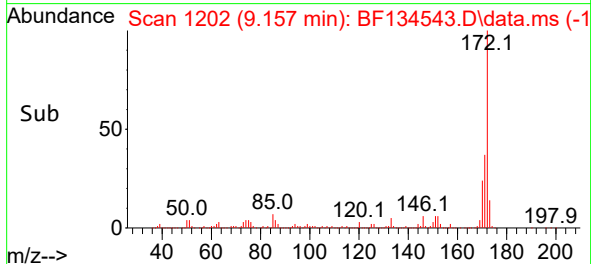
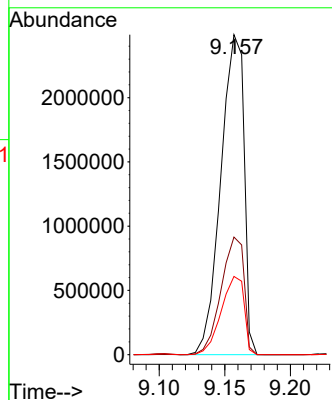
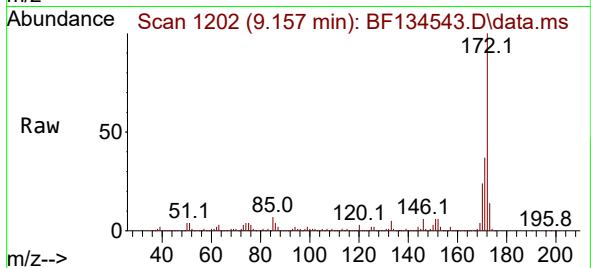




#45
2-Fluorobiphenyl
Concen: 114.658 ng
RT: 9.157 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF134543.D
Acq: 01 Aug 2023 11:47

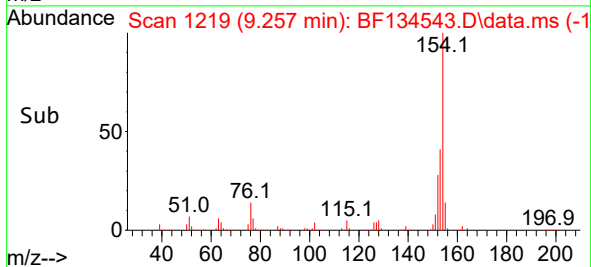
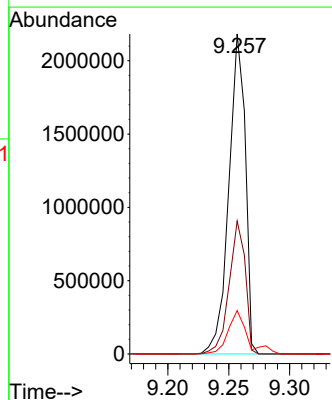
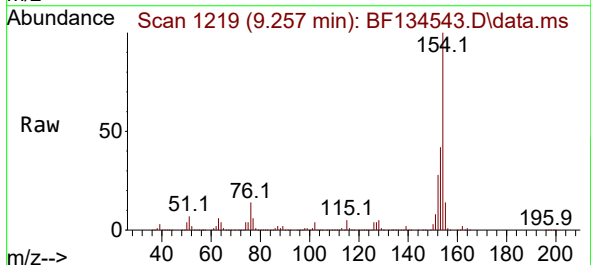
Instrument :
BNA_F
ClientSampleId :

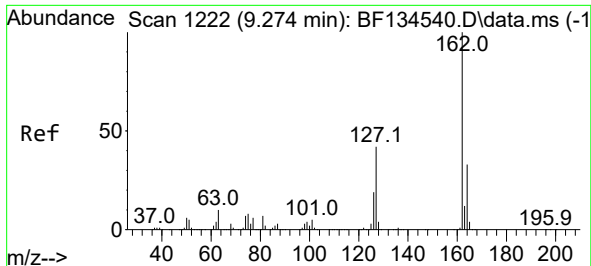
Tgt Ion:172 Resp: 3063825
Ion Ratio Lower Upper
172 100
171 36.7 28.8 43.2
170 24.4 18.7 28.1



#46
1,1'-Biphenyl
Concen: 64.668 ng
RT: 9.257 min Scan# 1219
Delta R.T. 0.006 min
Lab File: BF134543.D
Acq: 01 Aug 2023 11:47

Tgt Ion:154 Resp: 2055902
Ion Ratio Lower Upper
154 100
153 41.5 20.8 60.8
76 13.5 0.0 30.2

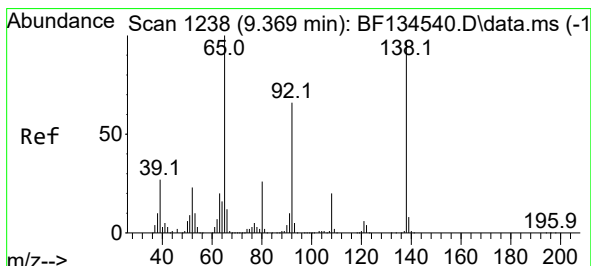
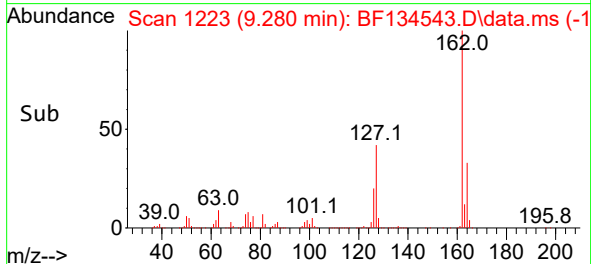
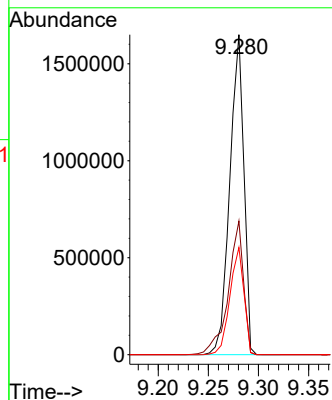
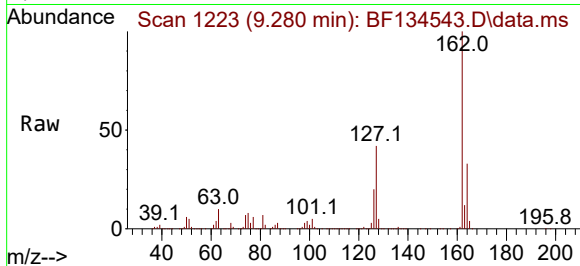




#47
2-Chloronaphthalene
Concen: 67.708 ng
RT: 9.280 min Scan# 1223
Delta R.T. 0.006 min
Lab File: BF134543.D
Acq: 01 Aug 2023 11:47

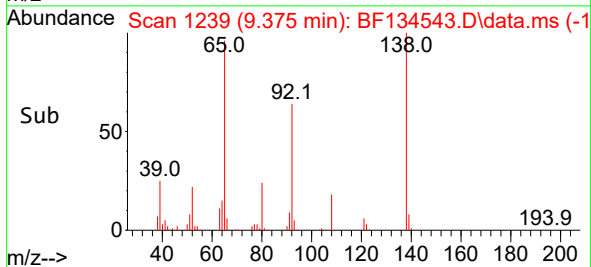
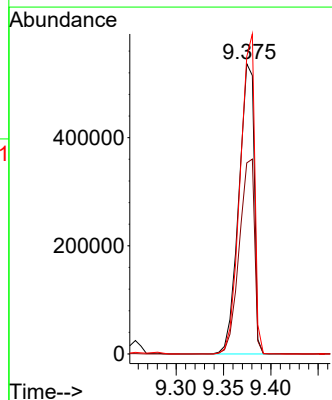
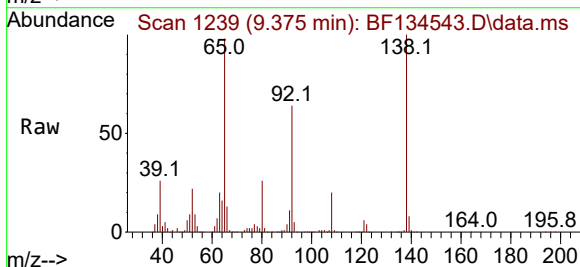
Instrument :
BNA_F
ClientSampleId :

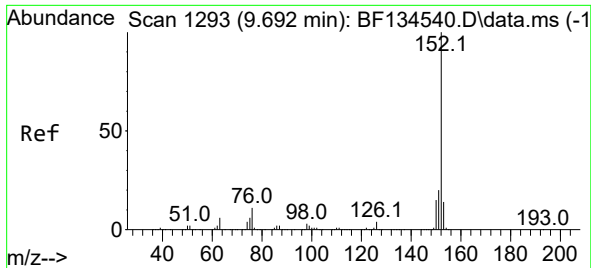
Tgt Ion:162 Resp: 1612906
Ion Ratio Lower Upper
162 100
127 41.7 34.0 51.0
164 33.5 25.7 38.5



#48
2-Nitroaniline
Concen: 93.882 ng
RT: 9.375 min Scan# 1239
Delta R.T. 0.006 min
Lab File: BF134543.D
Acq: 01 Aug 2023 11:47

Tgt Ion: 65 Resp: 606051
Ion Ratio Lower Upper
65 100
92 65.8 50.7 76.1
138 102.4 78.2 117.4

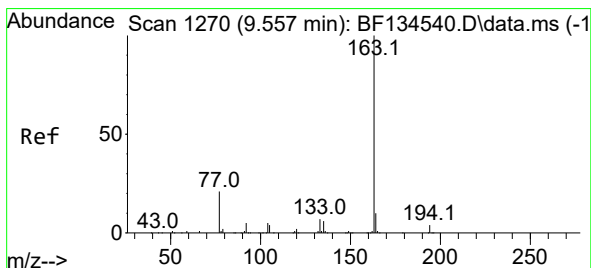
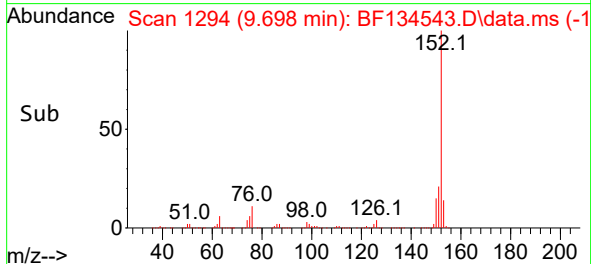
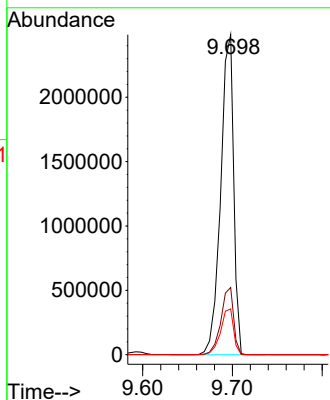
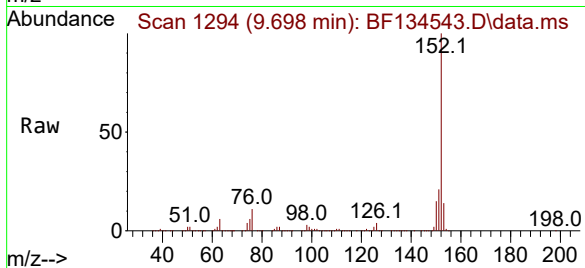




#49
Acenaphthylene
Concen: 66.482 ng
RT: 9.698 min Scan# 1293
Delta R.T. 0.006 min
Lab File: BF134543.D
Acq: 01 Aug 2023 11:47

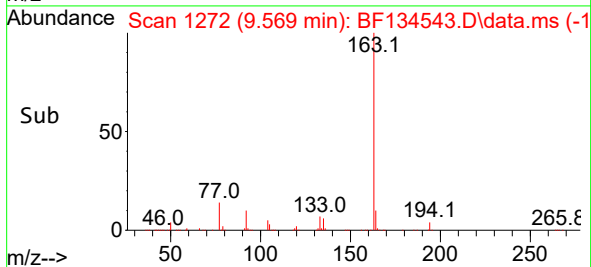
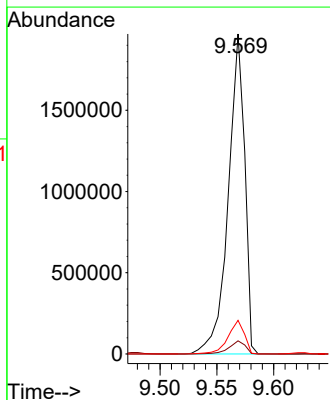
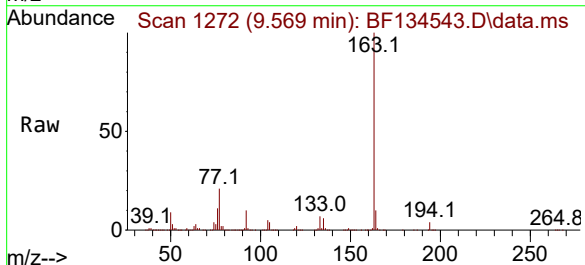
Instrument :
BNA_F
ClientSampleId :

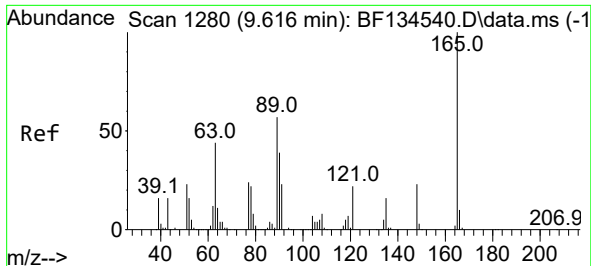
Tgt Ion:152 Resp: 2489387
Ion Ratio Lower Upper
152 100
151 21.0 16.4 24.6
153 14.3 10.9 16.3



#50
Dimethylphthalate
Concen: 71.064 ng
RT: 9.569 min Scan# 1272
Delta R.T. 0.012 min
Lab File: BF134543.D
Acq: 01 Aug 2023 11:47

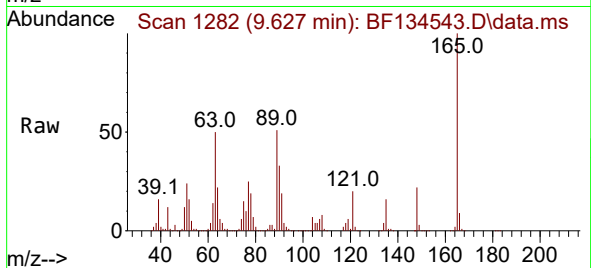
Tgt Ion:163 Resp: 1980147
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.5 7.5 11.3



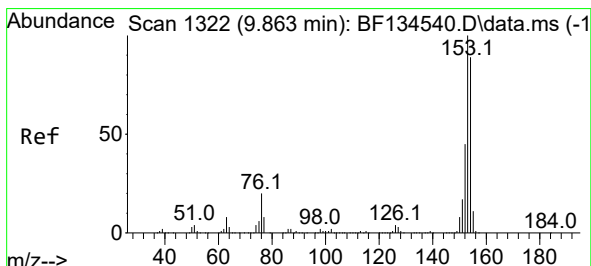
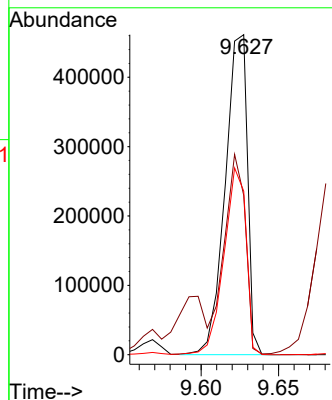
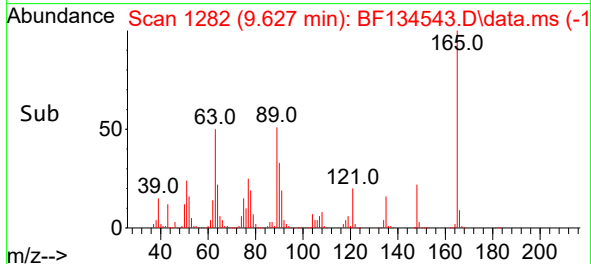


#51
2,6-Dinitrotoluene
Concen: 90.988 ng
RT: 9.627 min Scan# 11
Delta R.T. 0.011 min
Lab File: BF134543.D
Acq: 01 Aug 2023 11:47

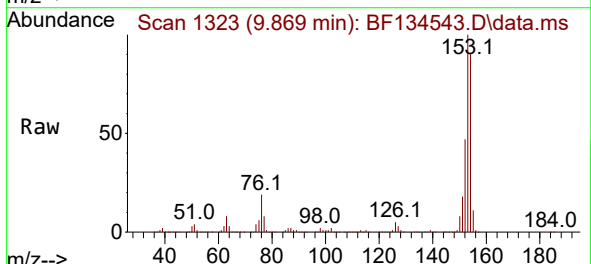
Instrument :
BNA_F
ClientSampleId :



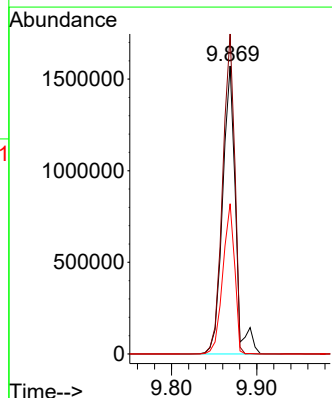
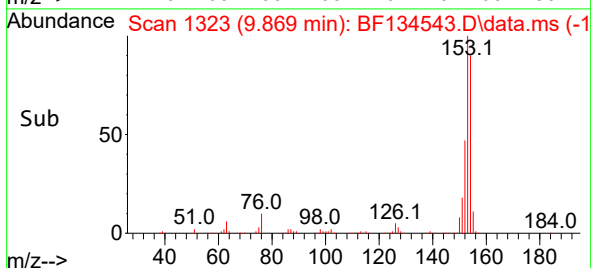
Tgt Ion:165 Resp: 461752
Ion Ratio Lower Upper
165 100
63 49.8 57.8 86.6#
89 51.1 51.8 77.8#

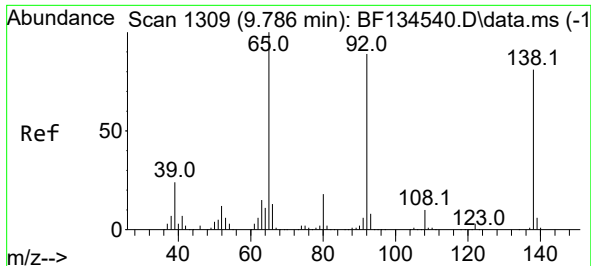


#52
Acenaphthene
Concen: 68.138 ng
RT: 9.869 min Scan# 1323
Delta R.T. 0.006 min
Lab File: BF134543.D
Acq: 01 Aug 2023 11:47



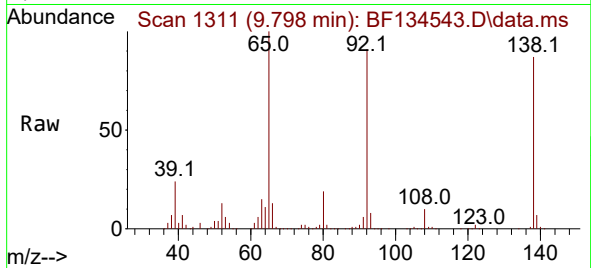
Tgt Ion:154 Resp: 1653438
Ion Ratio Lower Upper
154 100
153 111.1 90.0 135.0
152 52.2 42.4 63.6



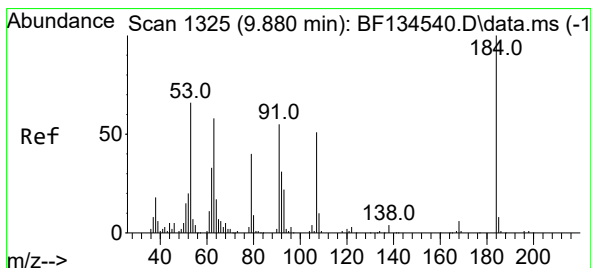
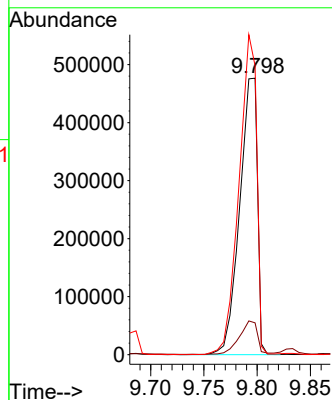
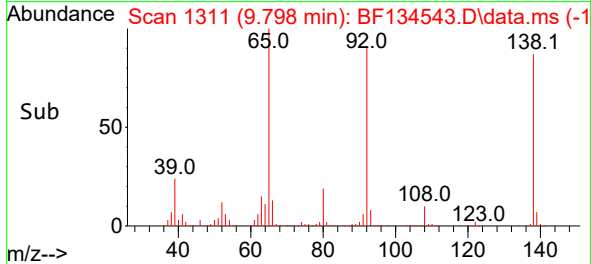


#53
 3-Nitroaniline
 Concen: 89.194 ng
 RT: 9.798 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: BF134543.D
 Acq: 01 Aug 2023 11:47

Instrument :
 BNA_F
 ClientSampleId :

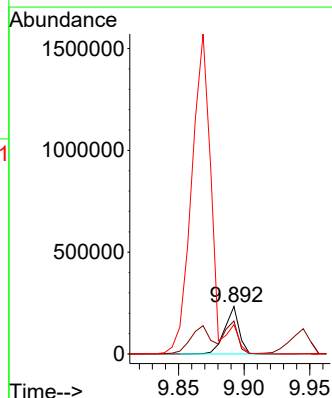
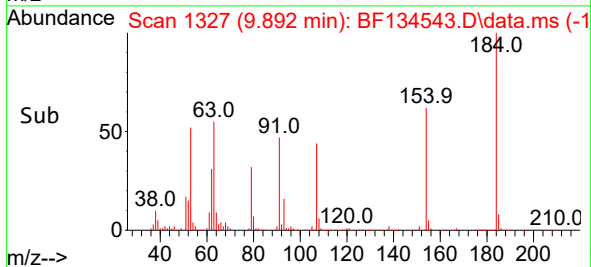
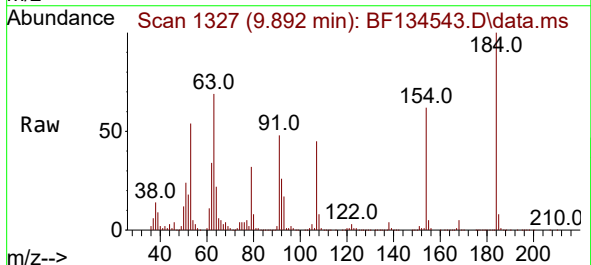


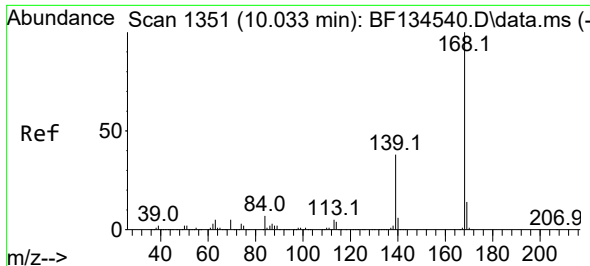
Tgt Ion:138 Resp: 553958
 Ion Ratio Lower Upper
 138 100
 108 11.5 9.3 13.9
 92 104.5 86.6 129.8



#54
 2,4-Dinitrophenol
 Concen: 110.345 ng
 RT: 9.892 min Scan# 1327
 Delta R.T. 0.012 min
 Lab File: BF134543.D
 Acq: 01 Aug 2023 11:47

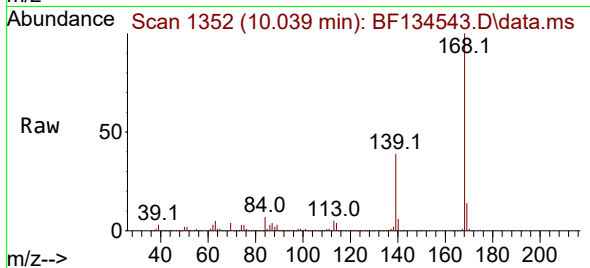
Tgt Ion:184 Resp: 178495
 Ion Ratio Lower Upper
 184 100
 63 69.4 57.1 85.7
 154 61.8 59.1 88.7



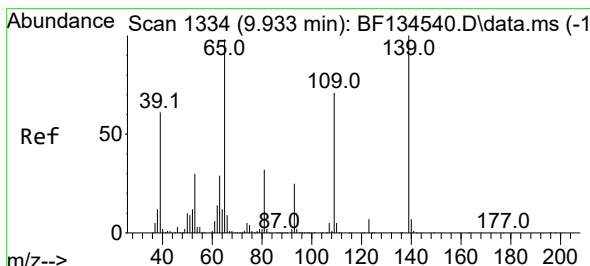
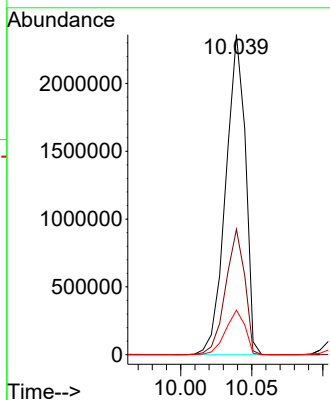
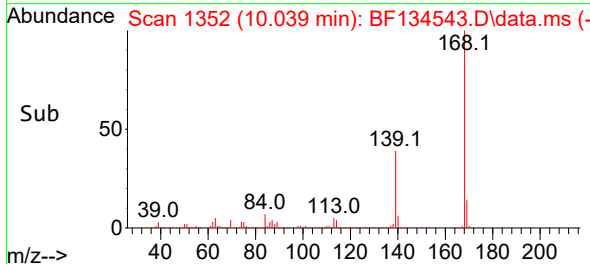


#55
Dibenzofuran
Concen: 65.696 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.006 min
Lab File: BF134543.D
Acq: 01 Aug 2023 11:47

Instrument :
BNA_F
ClientSampleId :

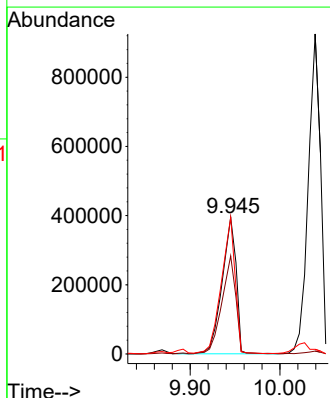
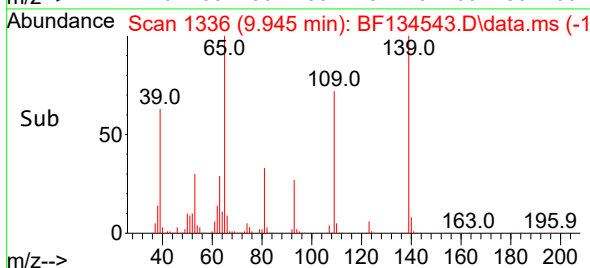
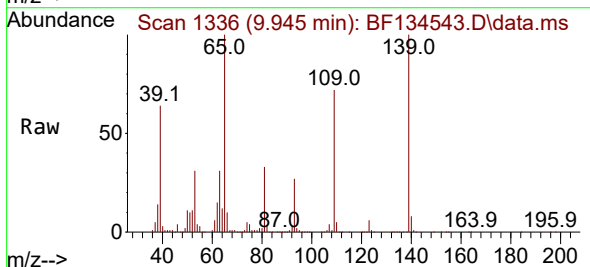


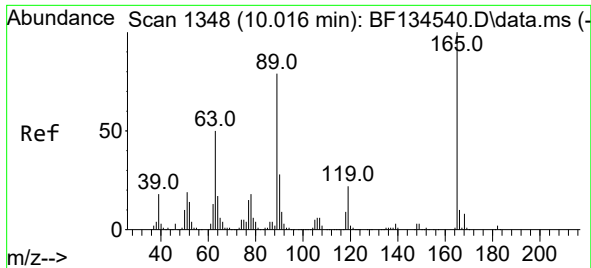
Tgt Ion:168 Resp: 2269394
Ion Ratio Lower Upper
168 100
139 39.2 33.4 50.2
169 13.9 10.6 15.8



#56
4-Nitrophenol
Concen: 84.599 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.012 min
Lab File: BF134543.D
Acq: 01 Aug 2023 11:47

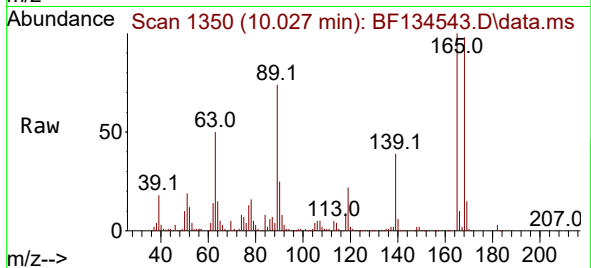
Tgt Ion:139 Resp: 429726
Ion Ratio Lower Upper
139 100
109 71.9 76.9 116.9#
65 100.3 98.5 138.5



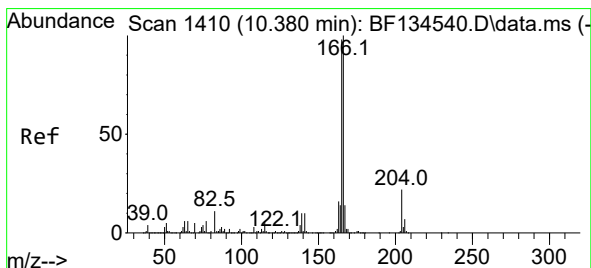
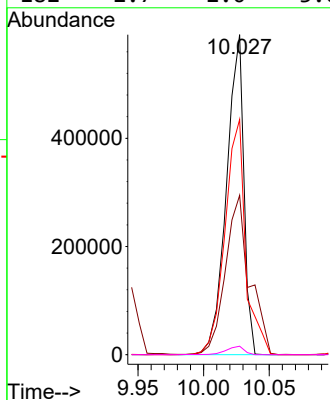
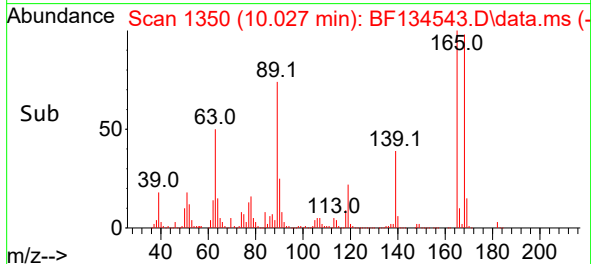


#57
2,4-Dinitrotoluene
Concen: 91.420 ng
RT: 10.027 min Scan# 11
Delta R.T. 0.011 min
Lab File: BF134543.D
Acq: 01 Aug 2023 11:47

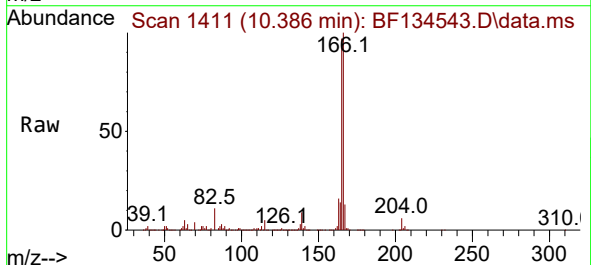
Instrument :
BNA_F
ClientSampleId :



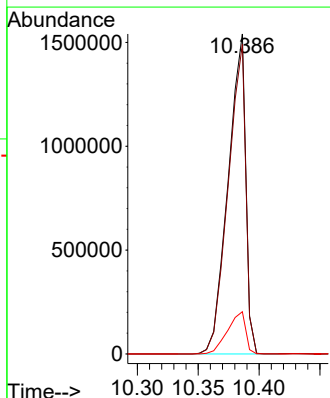
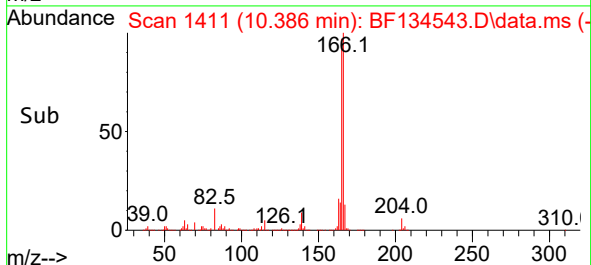
Tgt Ion:165 Resp: 545452
Ion Ratio Lower Upper
165 100
63 49.8 48.9 73.3
89 73.5 61.7 92.5
182 2.7 2.0 3.0

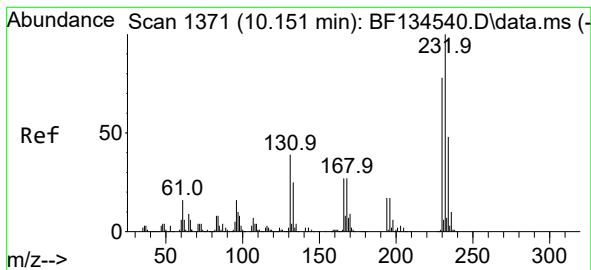


#58
Fluorene
Concen: 61.528 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF134543.D
Acq: 01 Aug 2023 11:47



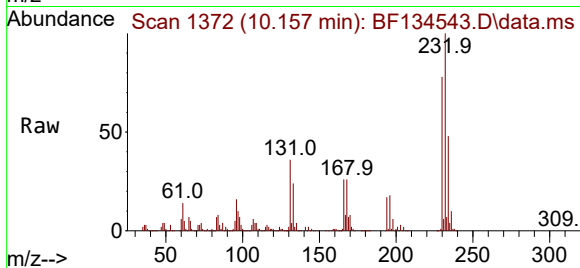
Tgt Ion:166 Resp: 1548111
Ion Ratio Lower Upper
166 100
165 96.8 74.5 111.7
167 13.2 10.6 16.0



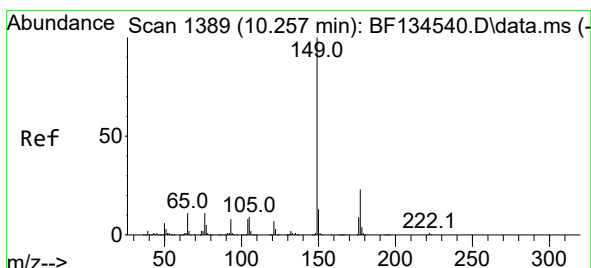
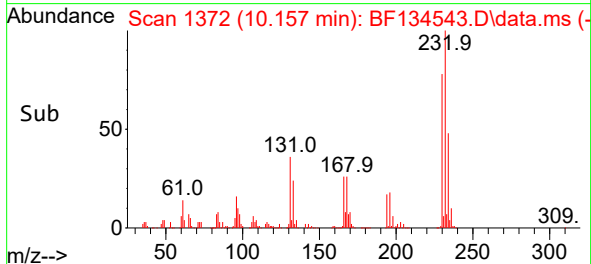
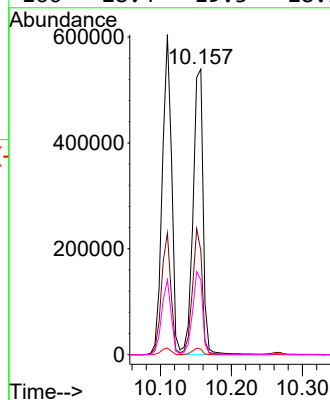


#59
2,3,4,6-Tetrachlorophenol
Concen: 75.184 ng
RT: 10.157 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF134543.D
Acq: 01 Aug 2023 11:47

Instrument :
BNA_F
ClientSampleId :

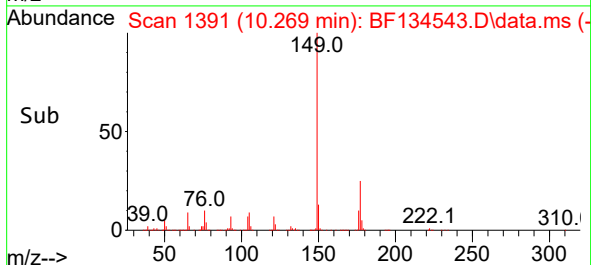
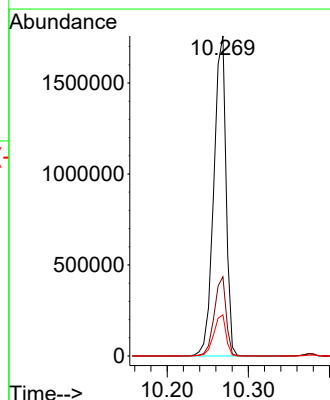
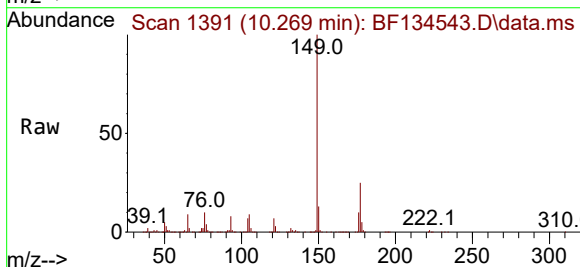


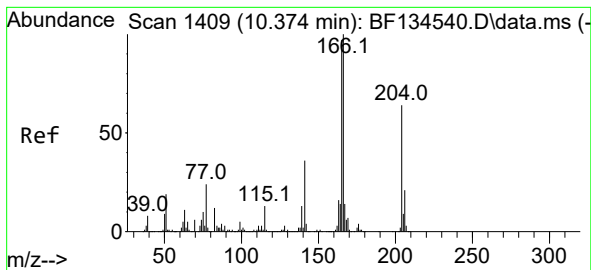
Tgt Ion:232 Resp: 529499
Ion Ratio Lower Upper
232 100
131 42.5 33.4 50.0
130 2.3 1.8 2.6
166 28.4 19.3 28.9



#60
Diethylphthalate
Concen: 69.473 ng
RT: 10.269 min Scan# 1391
Delta R.T. 0.012 min
Lab File: BF134543.D
Acq: 01 Aug 2023 11:47

Tgt Ion:149 Resp: 1834884
Ion Ratio Lower Upper
149 100
177 24.7 17.0 25.4
150 12.9 9.9 14.9

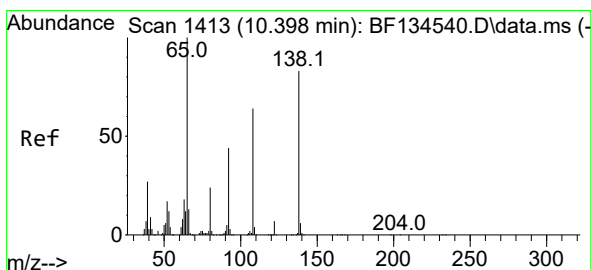
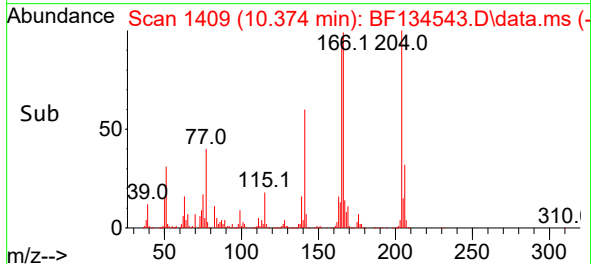
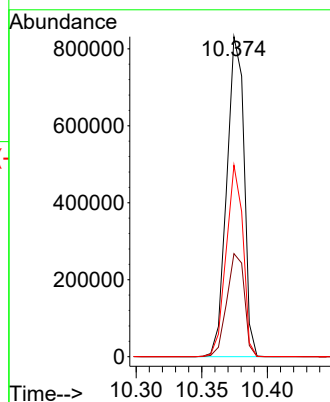
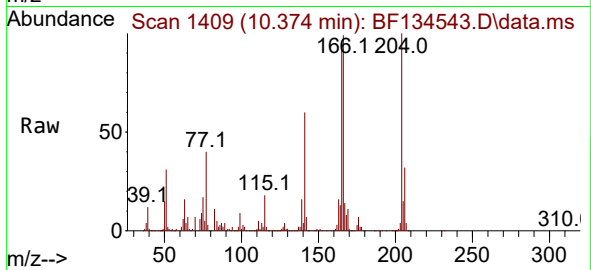




#61
4-Chlorophenyl-phenylether
Concen: 61.543 ng
RT: 10.374 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF134543.D
Acq: 01 Aug 2023 11:47

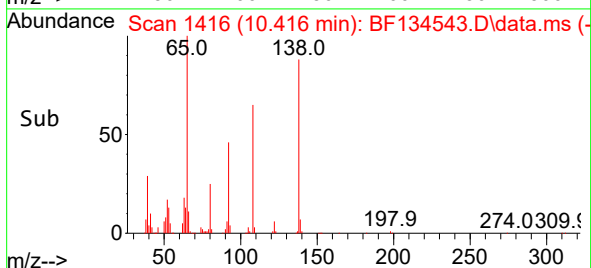
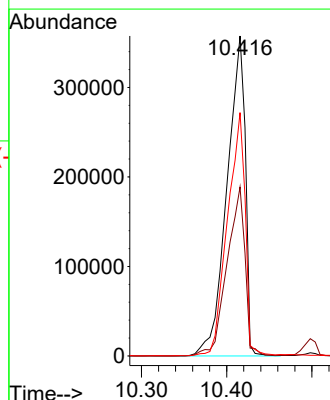
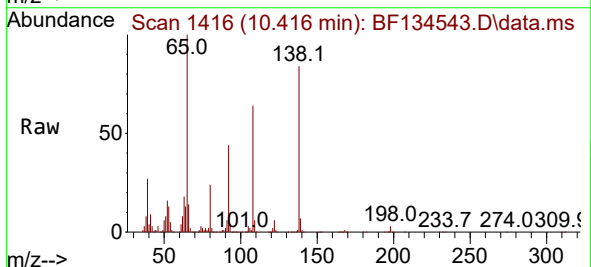
Instrument :
BNA_F
ClientSampleId :

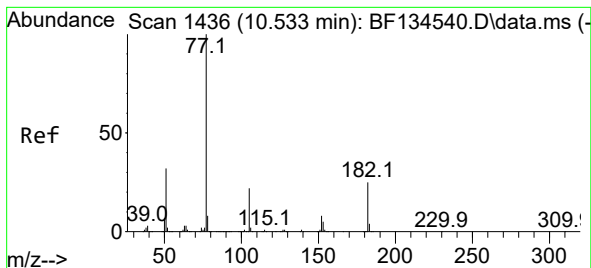
Tgt Ion:204 Resp: 761135
Ion Ratio Lower Upper
204 100
206 32.2 26.0 39.0
141 59.8 52.2 78.4



#62
4-Nitroaniline
Concen: 87.795 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.018 min
Lab File: BF134543.D
Acq: 01 Aug 2023 11:47

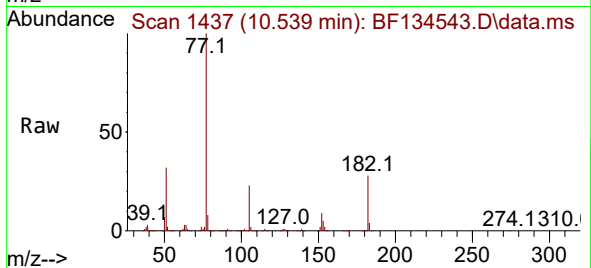
Tgt Ion:138 Resp: 534448
Ion Ratio Lower Upper
138 100
92 52.8 27.0 67.0
108 76.1 70.4 110.4



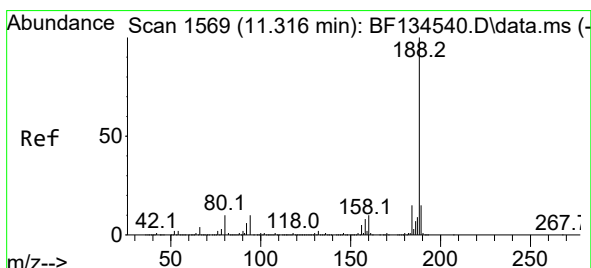
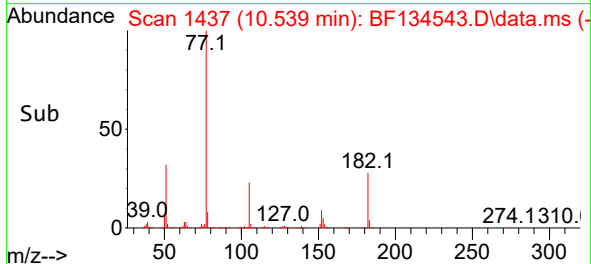
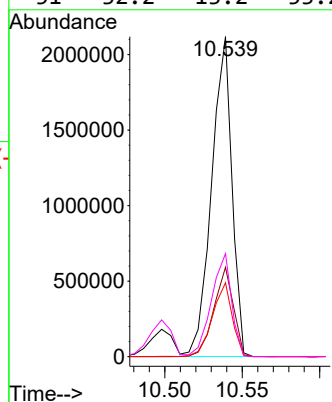


#63
Azobenzene
Concen: 68.051 ng
RT: 10.539 min Scan# 1436
Delta R.T. 0.006 min
Lab File: BF134543.D
Acq: 01 Aug 2023 11:47

Instrument :
BNA_F
ClientSampleId :

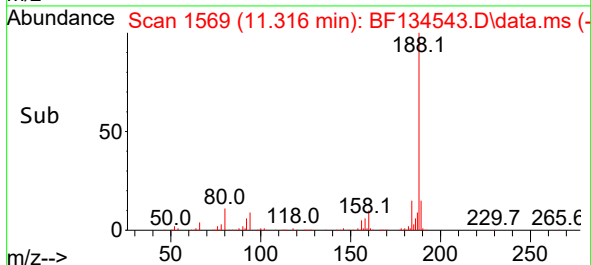
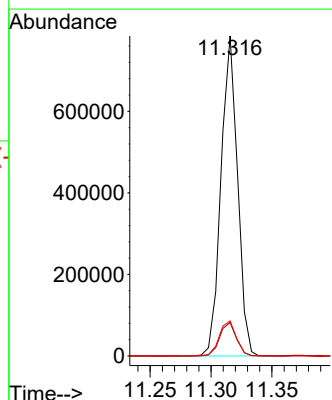
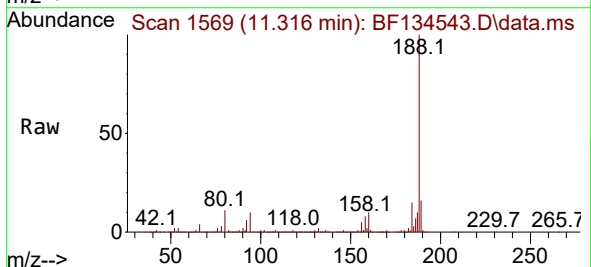


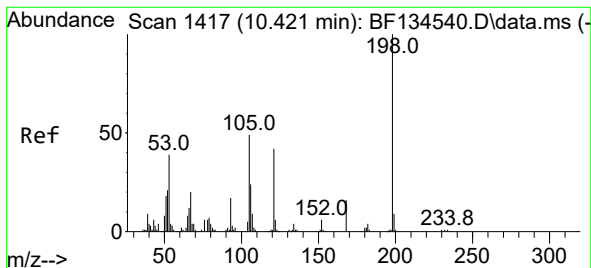
Tgt Ion: 77 Resp: 1931065
Ion Ratio Lower Upper
77 100
182 28.0 7.5 47.5
105 23.1 1.9 41.9
51 32.2 13.2 53.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF134543.D
Acq: 01 Aug 2023 11:47

Tgt Ion: 188 Resp: 742325
Ion Ratio Lower Upper
188 100
94 10.5 5.1 7.7#
80 10.9 6.6 9.8#

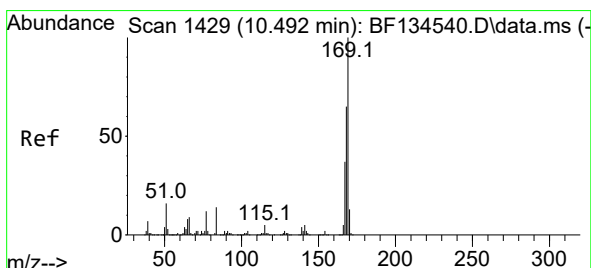
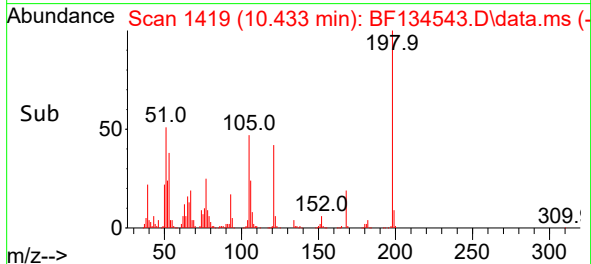
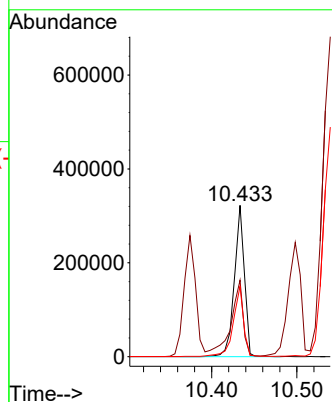
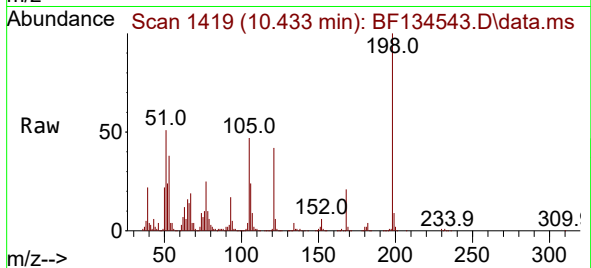




#65
4,6-Dinitro-2-methylphenol
Concen: 103.524 ng
RT: 10.433 min Scan# 1417
Delta R.T. 0.012 min
Lab File: BF134543.D
Acq: 01 Aug 2023 11:47

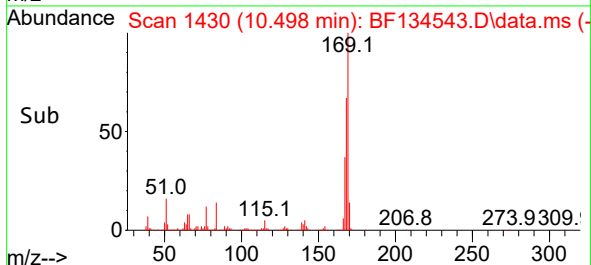
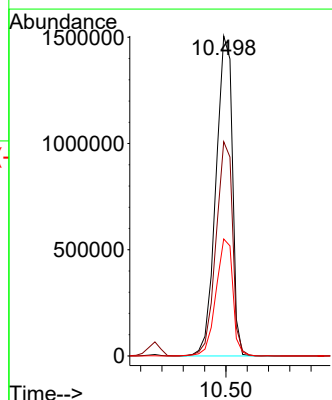
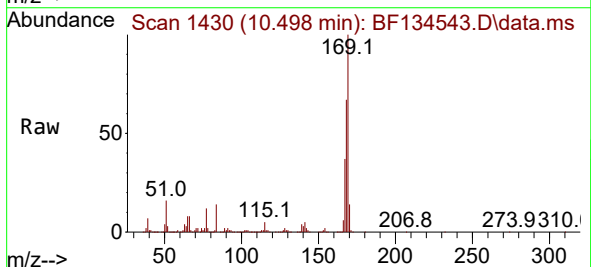
Instrument :
BNA_F
ClientSampleId :

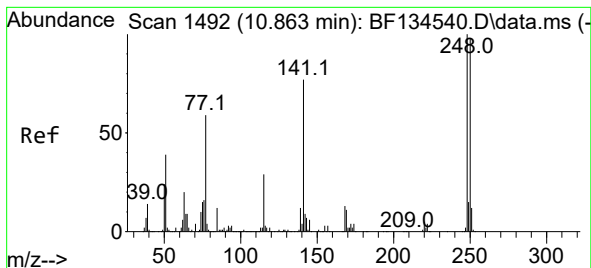
Tgt Ion:198 Resp: 264375
Ion Ratio Lower Upper
198 100
51 50.5 38.6 78.6
105 46.6 27.9 67.9



#66
n-Nitrosodiphenylamine
Concen: 68.242 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF134543.D
Acq: 01 Aug 2023 11:47

Tgt Ion:169 Resp: 1612401
Ion Ratio Lower Upper
169 100
168 66.9 52.6 78.8
167 36.5 29.8 44.8

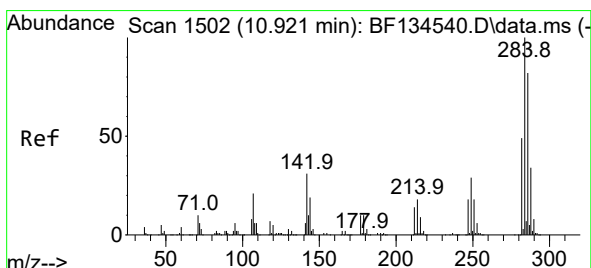
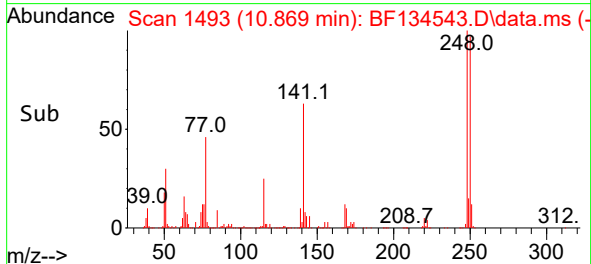
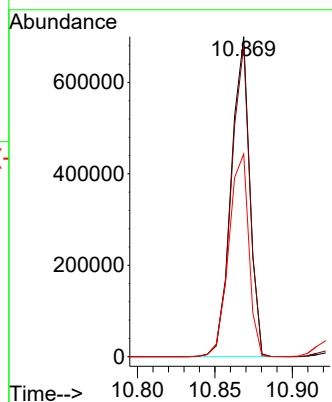
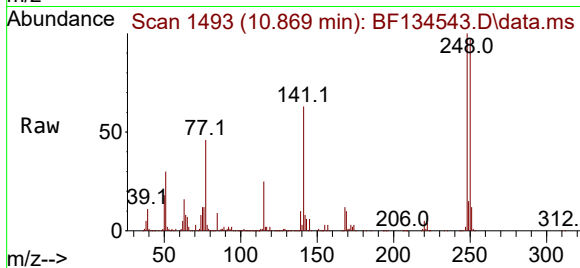




#67
4-Bromophenyl-phenylether
Concen: 71.922 ng
RT: 10.869 min Scan# 1492
Delta R.T. 0.006 min
Lab File: BF134543.D
Acq: 01 Aug 2023 11:47

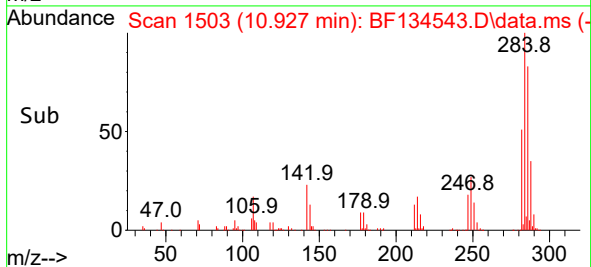
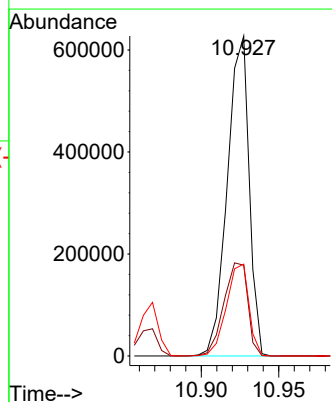
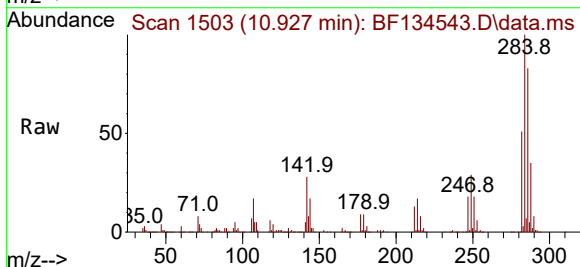
Instrument :
BNA_F
ClientSampleId :

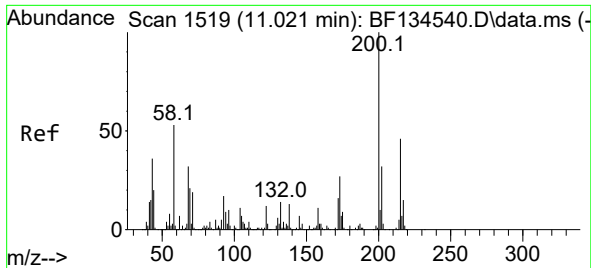
Tgt Ion:248 Resp: 584450
Ion Ratio Lower Upper
248 100
250 97.3 79.6 119.4
141 63.3 59.6 89.4



#68
Hexachlorobenzene
Concen: 71.492 ng
RT: 10.927 min Scan# 1503
Delta R.T. 0.006 min
Lab File: BF134543.D
Acq: 01 Aug 2023 11:47

Tgt Ion:284 Resp: 613471
Ion Ratio Lower Upper
284 100
142 28.4 26.5 39.7
249 28.7 23.8 35.8

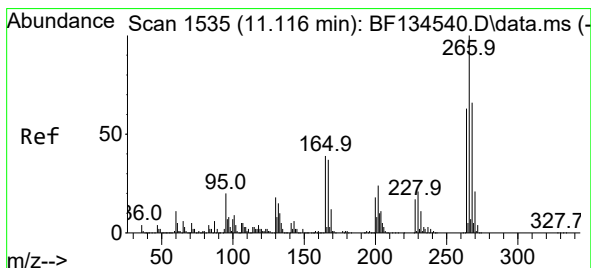
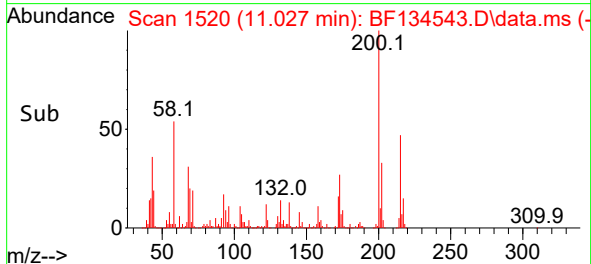
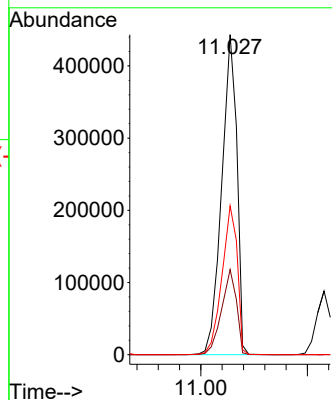
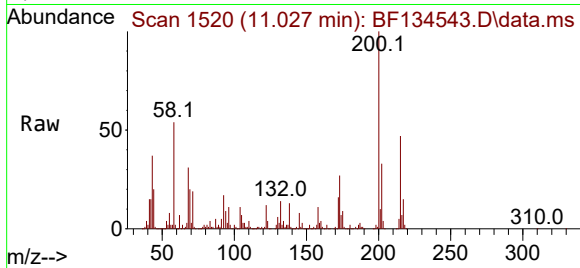




#69
 Atrazine
 Concen: 68.505 ng
 RT: 11.027 min Scan# 1519
 Delta R.T. 0.006 min
 Lab File: BF134543.D
 Acq: 01 Aug 2023 11:47

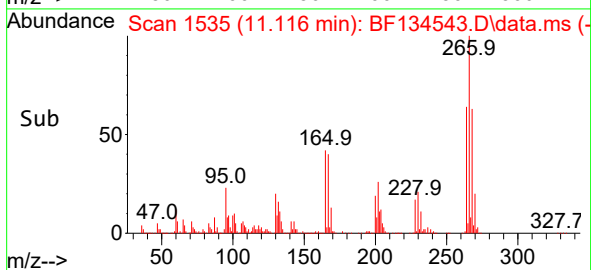
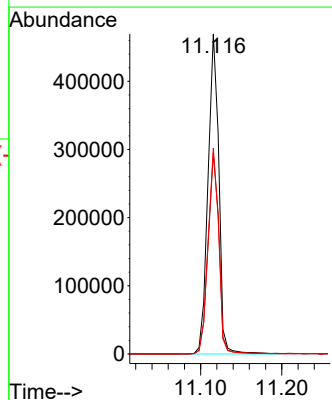
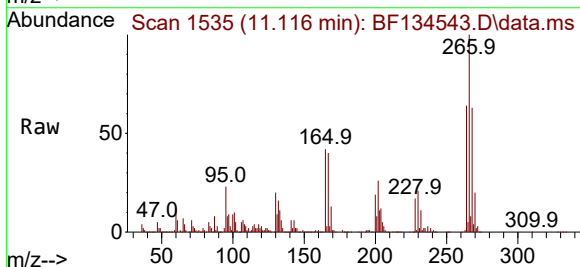
Instrument :
 BNA_F
 ClientSampleId :

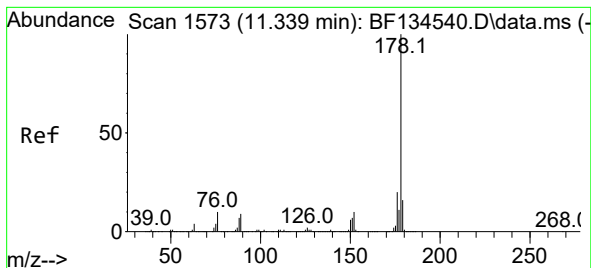
Tgt Ion:200 Resp: 436272
 Ion Ratio Lower Upper
 200 100
 173 26.6 6.1 46.1
 215 46.5 29.7 69.7



#70
 Pentachlorophenol
 Concen: 81.392 ng
 RT: 11.116 min Scan# 1535
 Delta R.T. 0.000 min
 Lab File: BF134543.D
 Acq: 01 Aug 2023 11:47

Tgt Ion:266 Resp: 432441
 Ion Ratio Lower Upper
 266 100
 268 62.8 52.9 79.3
 264 64.3 47.8 71.6





#71

Phenanthrene

Concen: 65.952 ng

RT: 11.345 min Scan# 1573

Delta R.T. 0.006 min

Lab File: BF134543.D

Acq: 01 Aug 2023 11:47

Instrument :

BNA_F

ClientSampleId :

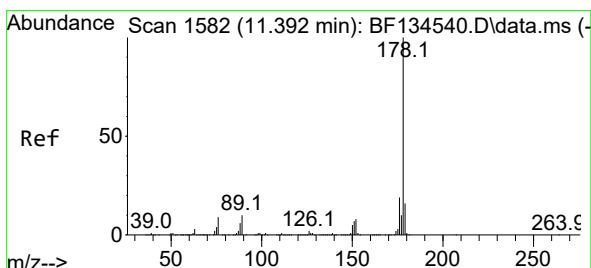
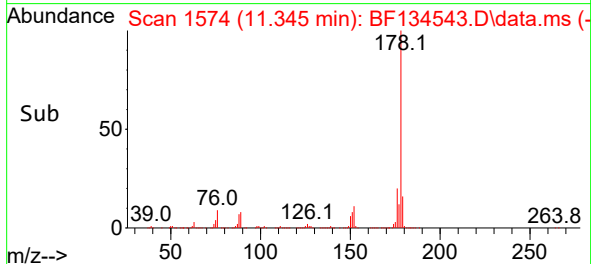
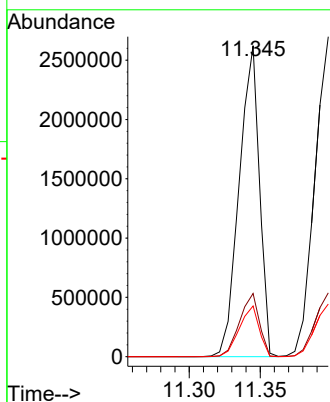
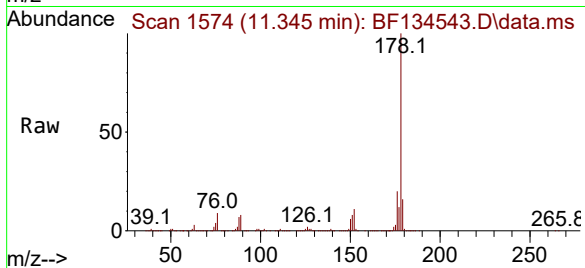
Tgt Ion:178 Resp: 2600432

Ion Ratio Lower Upper

178 100

176 20.3 15.8 23.6

179 16.3 12.7 19.1



#72

Anthracene

Concen: 65.363 ng

RT: 11.398 min Scan# 1583

Delta R.T. 0.006 min

Lab File: BF134543.D

Acq: 01 Aug 2023 11:47

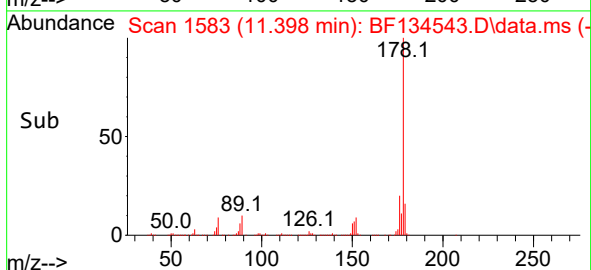
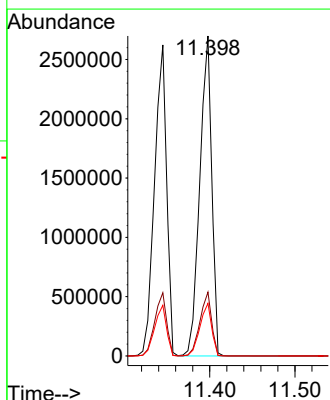
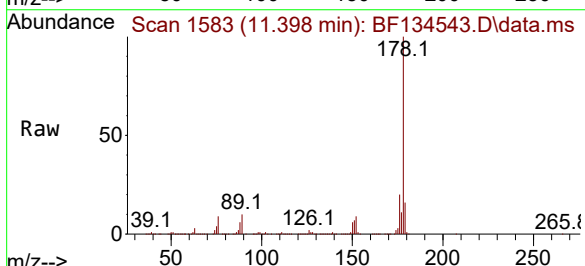
Tgt Ion:178 Resp: 2632502

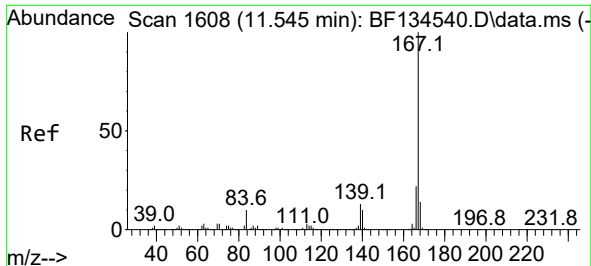
Ion Ratio Lower Upper

178 100

176 19.9 14.6 21.8

179 16.5 12.3 18.5

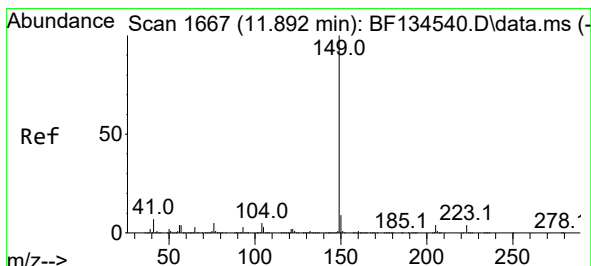
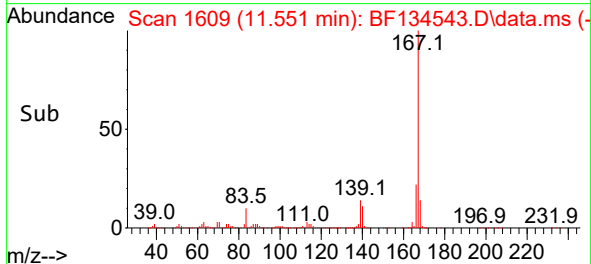
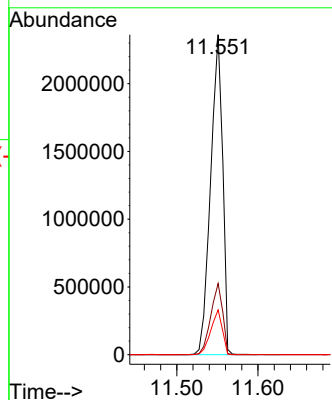
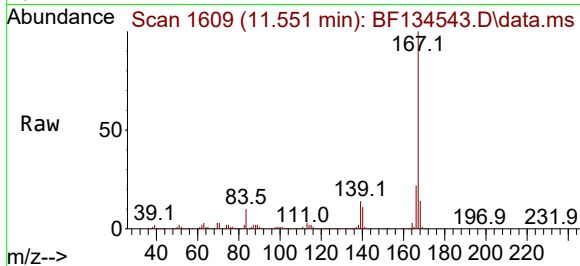




#73
Carbazole
Concen: 67.293 ng
RT: 11.551 min Scan# 1609
Delta R.T. 0.006 min
Lab File: BF134543.D
Acq: 01 Aug 2023 11:47

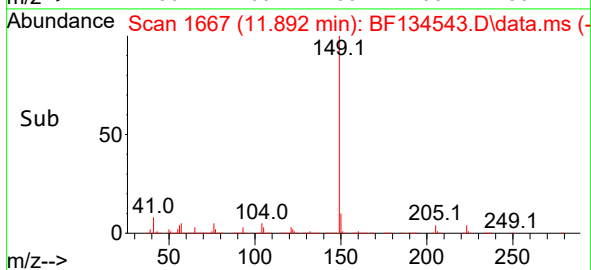
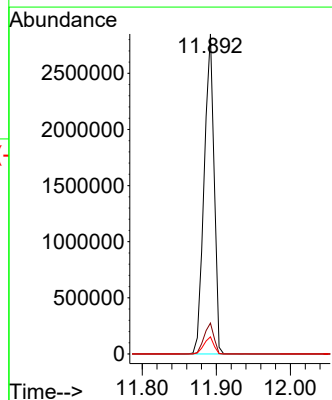
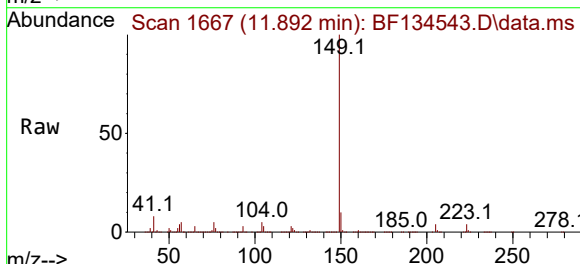
Instrument :
BNA_F
ClientSampleId :

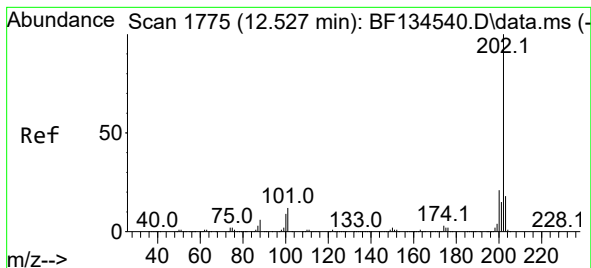
Tgt Ion:167 Resp: 2419878
Ion Ratio Lower Upper
167 100
166 22.3 17.5 26.3
139 14.0 11.0 16.4



#74
Di-n-butylphthalate
Concen: 69.445 ng
RT: 11.892 min Scan# 1667
Delta R.T. 0.000 min
Lab File: BF134543.D
Acq: 01 Aug 2023 11:47

Tgt Ion:149 Resp: 2653107
Ion Ratio Lower Upper
149 100
150 9.7 7.2 10.8
104 5.3 3.8 5.8





#75

Fluoranthene

Concen: 65.722 ng

RT: 12.533 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF134543.D

Acq: 01 Aug 2023 11:47

Instrument :

BNA_F

ClientSampleId :

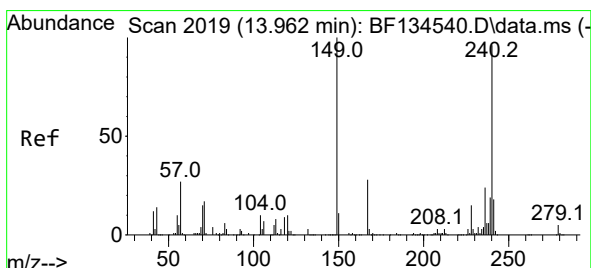
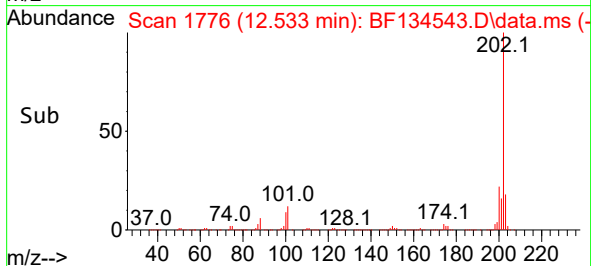
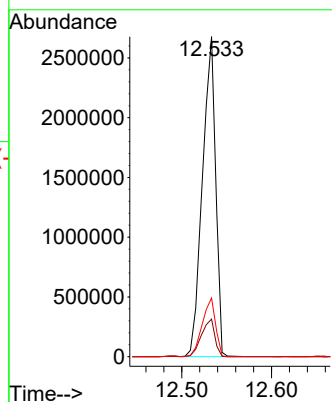
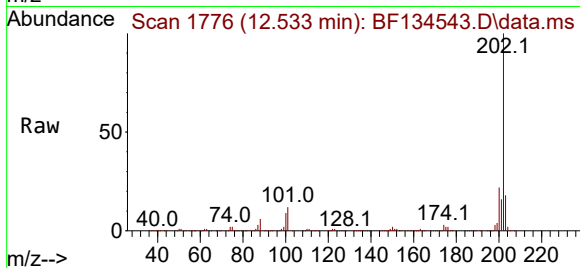
Tgt Ion:202 Resp: 2737292

Ion Ratio Lower Upper

202 100

101 11.8 0.0 28.5

203 18.3 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.962 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BF134543.D

Acq: 01 Aug 2023 11:47

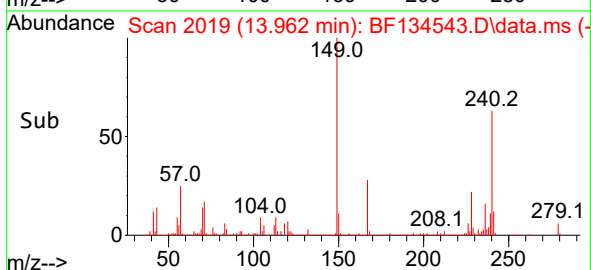
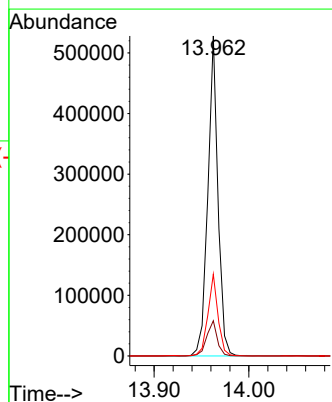
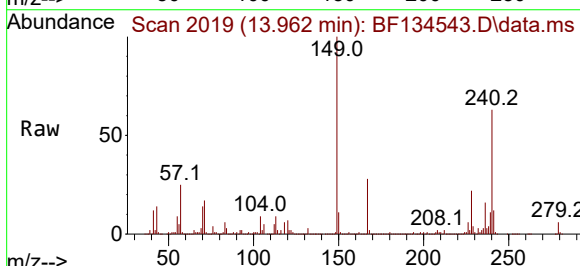
Tgt Ion:240 Resp: 389787

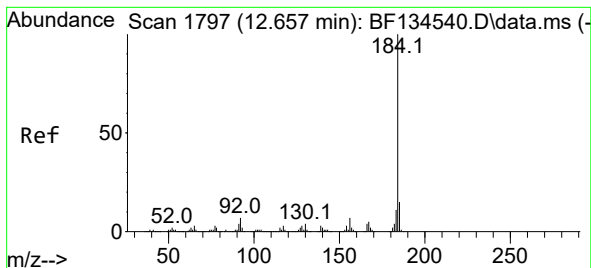
Ion Ratio Lower Upper

240 100

120 11.0 6.6 10.0#

236 25.5 20.2 30.2





#77

Benzidine

Concen: 68.096 ng

RT: 12.657 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF134543.D

Acq: 01 Aug 2023 11:47

Instrument :

BNA_F

ClientSampleId :

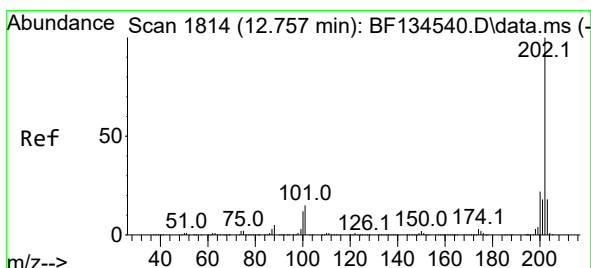
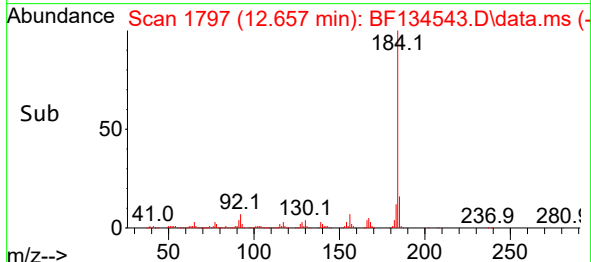
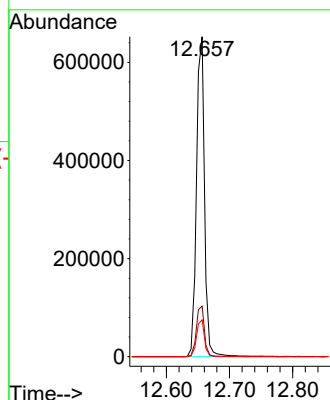
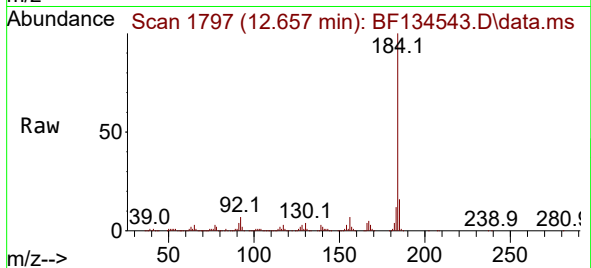
Tgt Ion:184 Resp: 576195

Ion Ratio Lower Upper

184 100

185 15.8 11.2 16.8

183 11.5 8.6 13.0



#78

Pyrene

Concen: 83.069 ng

RT: 12.763 min Scan# 1815

Delta R.T. 0.006 min

Lab File: BF134543.D

Acq: 01 Aug 2023 11:47

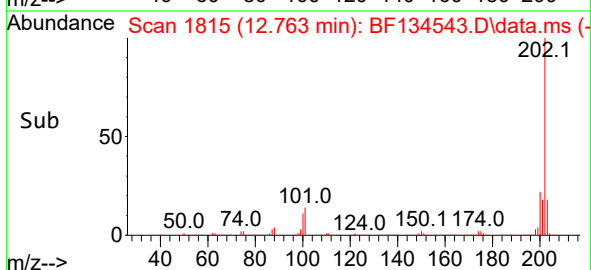
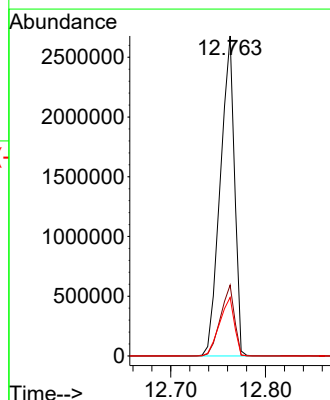
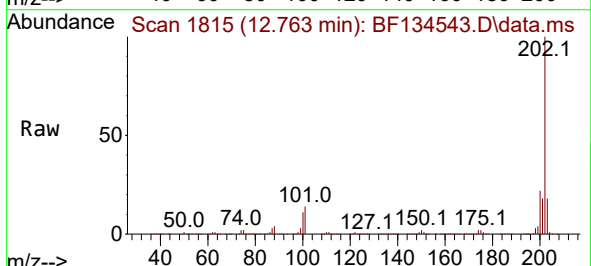
Tgt Ion:202 Resp: 2801821

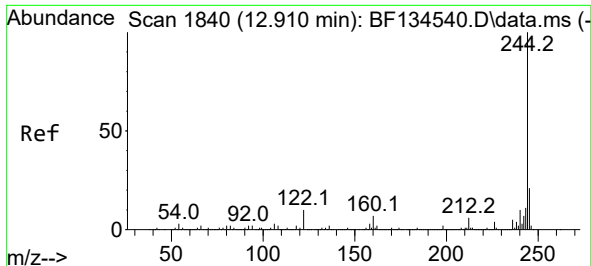
Ion Ratio Lower Upper

202 100

200 22.1 15.8 23.8

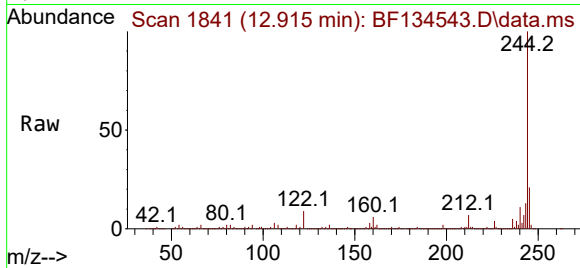
203 18.3 13.5 20.3



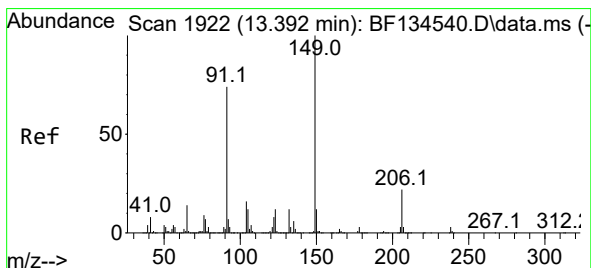
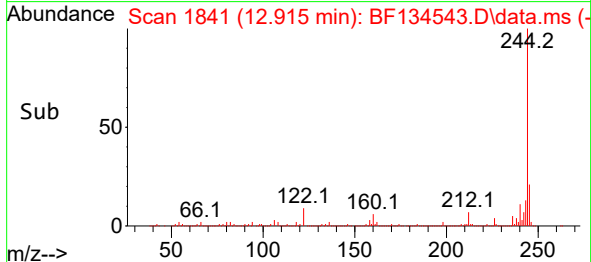
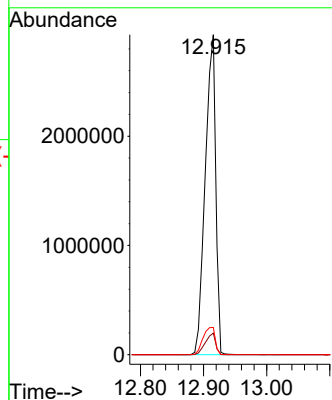


#79
 Terphenyl-d14
 Concen: 152.937 ng
 RT: 12.915 min Scan# 1841
 Delta R.T. 0.006 min
 Lab File: BF134543.D
 Acq: 01 Aug 2023 11:47

Instrument :
 BNA_F
 ClientSampleId :

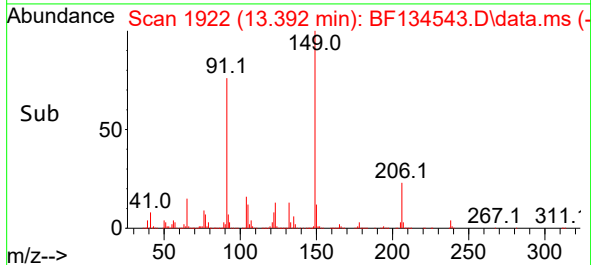
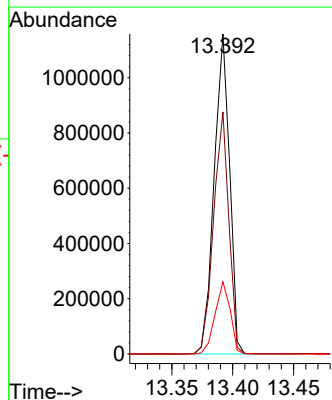
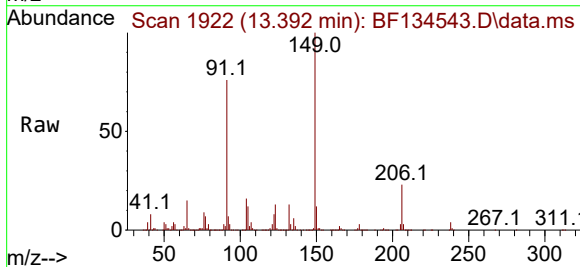


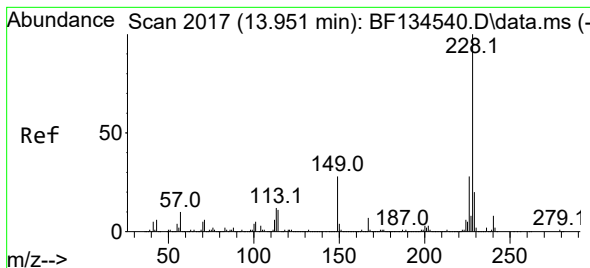
Tgt Ion:244 Resp: 3381587
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 8.5 8.0 12.0



#80
 Butylbenzylphthalate
 Concen: 89.549 ng
 RT: 13.392 min Scan# 1922
 Delta R.T. 0.000 min
 Lab File: BF134543.D
 Acq: 01 Aug 2023 11:47

Tgt Ion:149 Resp: 1021323
 Ion Ratio Lower Upper
 149 100
 91 75.6 55.8 83.6
 206 22.5 14.6 21.8#





#81

Benzo(a)anthracene

Concen: 75.642 ng

RT: 13.951 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BF134543.D

Acq: 01 Aug 2023 11:47

Instrument :

BNA_F

ClientSampleId :

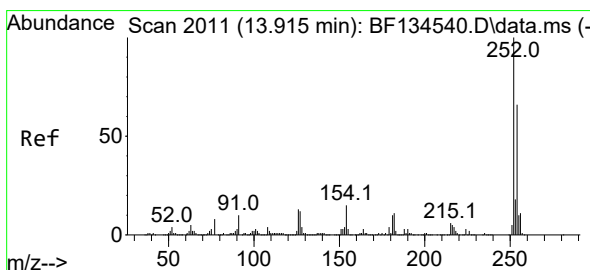
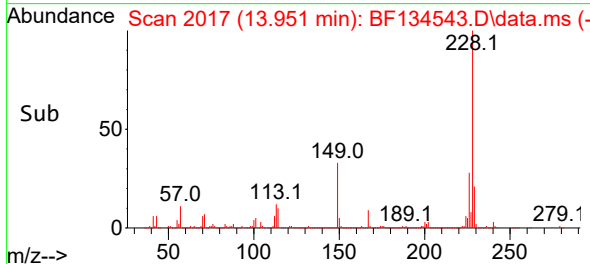
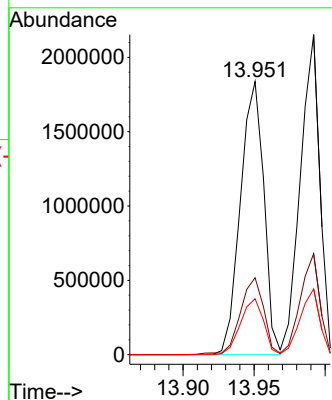
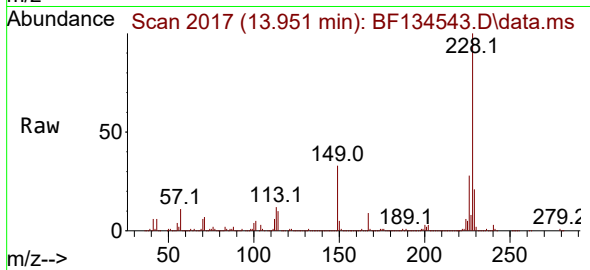
Tgt Ion:228 Resp: 2108277

Ion Ratio Lower Upper

228 100

226 28.2 22.3 33.5

229 20.5 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 73.985 ng

RT: 13.921 min Scan# 2012

Delta R.T. 0.006 min

Lab File: BF134543.D

Acq: 01 Aug 2023 11:47

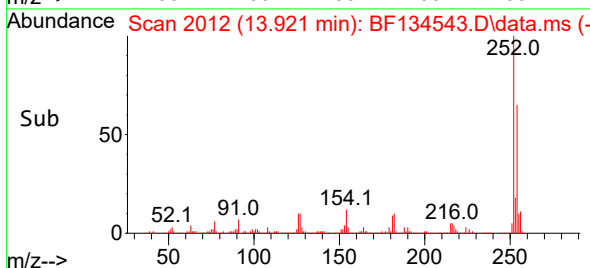
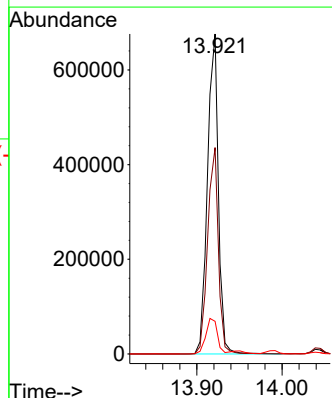
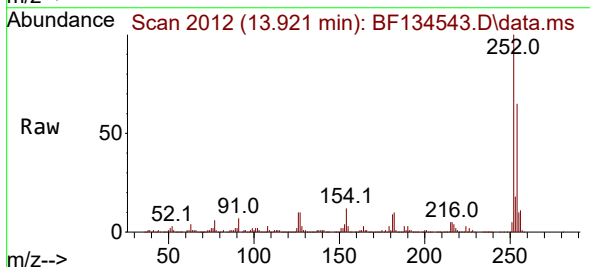
Tgt Ion:252 Resp: 597724

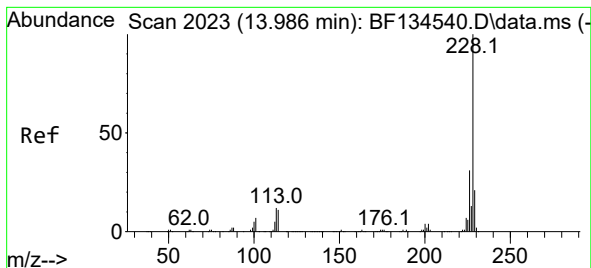
Ion Ratio Lower Upper

252 100

254 64.5 52.7 79.1

126 10.2 7.2 10.8





#83

Chrysene

Concen: 75.570 ng

RT: 13.992 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF134543.D

Acq: 01 Aug 2023 11:47

Instrument :

BNA_F

ClientSampleId :

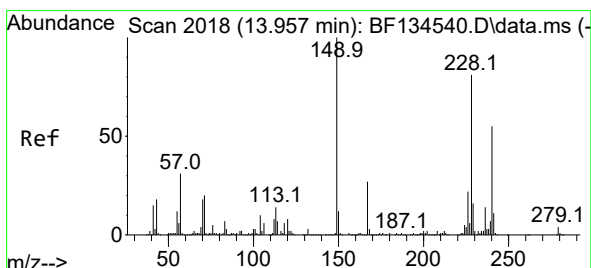
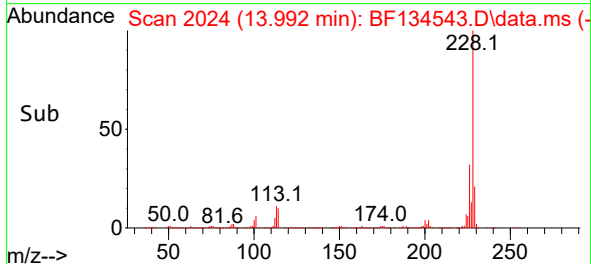
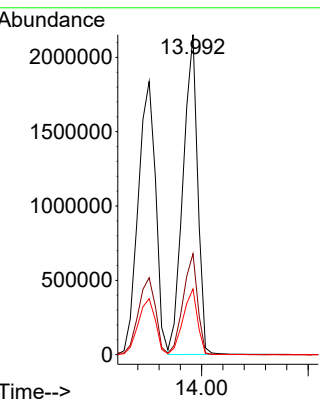
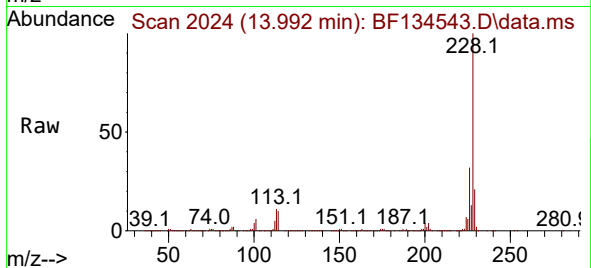
Tgt Ion:228 Resp: 2052055

Ion Ratio Lower Upper

228 100

226 31.5 24.5 36.7

229 20.6 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 75.795 ng

RT: 13.957 min Scan# 2018

Delta R.T. 0.000 min

Lab File: BF134543.D

Acq: 01 Aug 2023 11:47

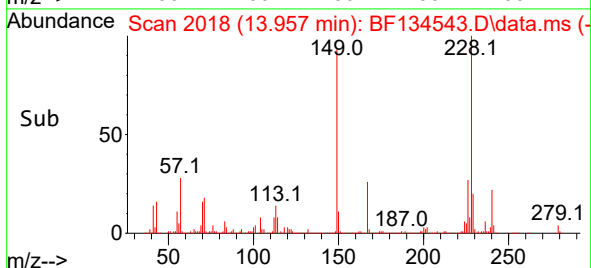
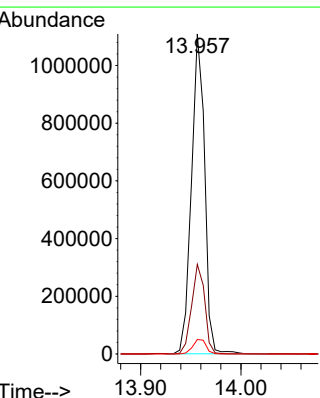
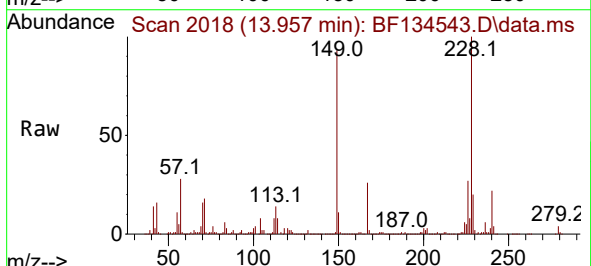
Tgt Ion:149 Resp: 1017296

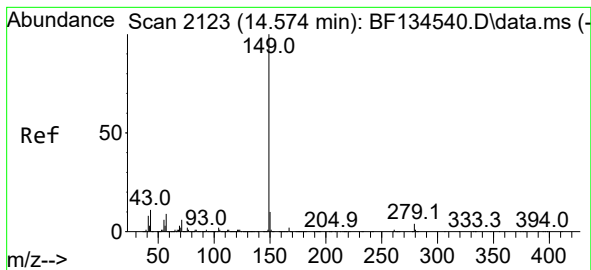
Ion Ratio Lower Upper

149 100

167 28.0 21.6 32.4

279 4.5 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 83.624 ng

RT: 14.574 min Scan# 2123

Delta R.T. 0.000 min

Lab File: BF134543.D

Acq: 01 Aug 2023 11:47

Instrument :

BNA_F

ClientSampleId :

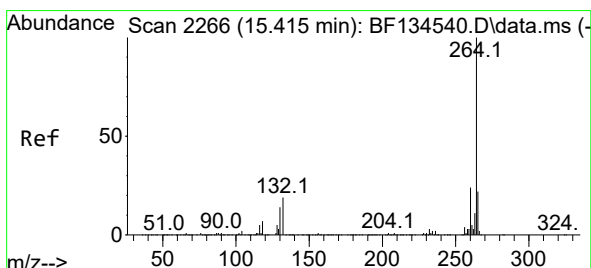
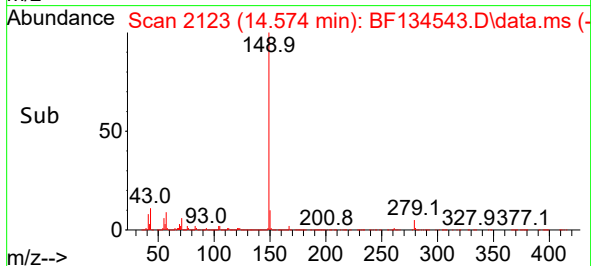
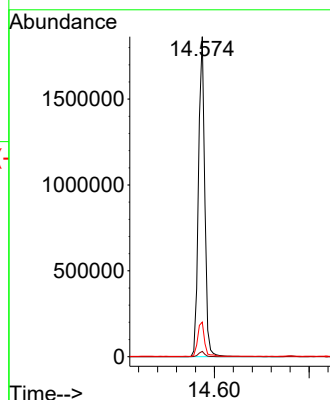
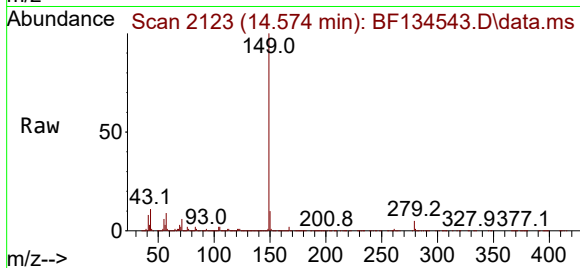
Tgt Ion:149 Resp: 1706811

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 11.8 8.1 12.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.415 min Scan# 2266

Delta R.T. 0.000 min

Lab File: BF134543.D

Acq: 01 Aug 2023 11:47

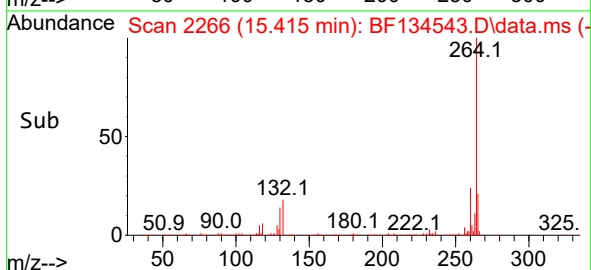
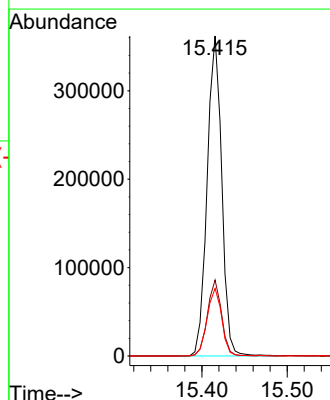
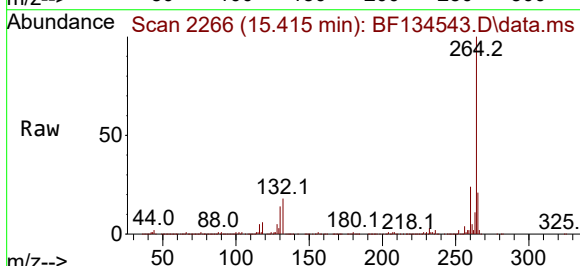
Tgt Ion:264 Resp: 429624

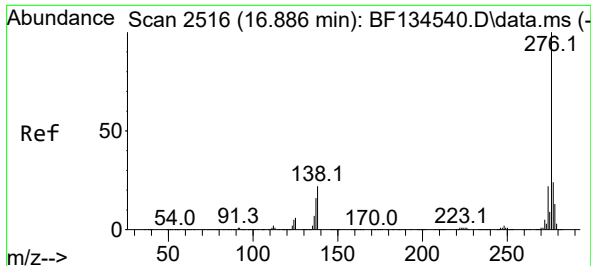
Ion Ratio Lower Upper

264 100

260 23.8 18.4 27.6

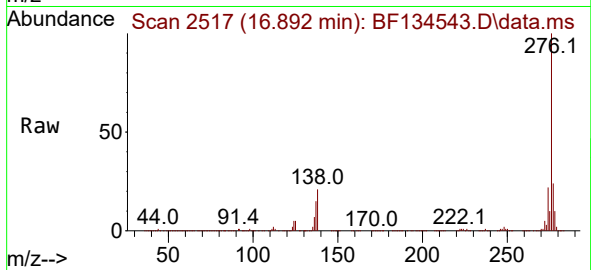
265 21.1 15.8 23.8



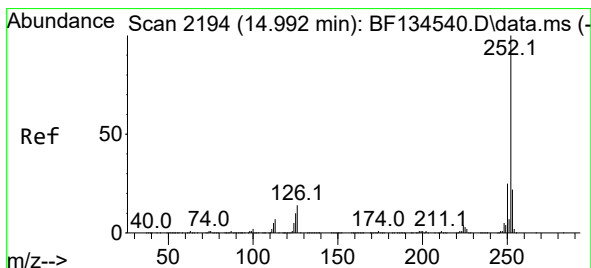
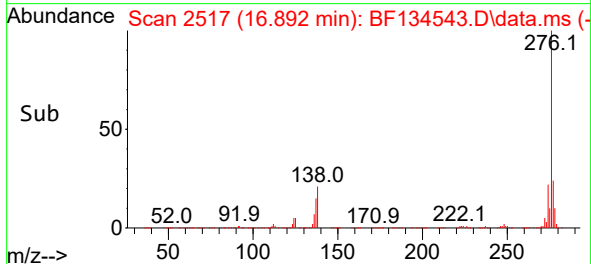
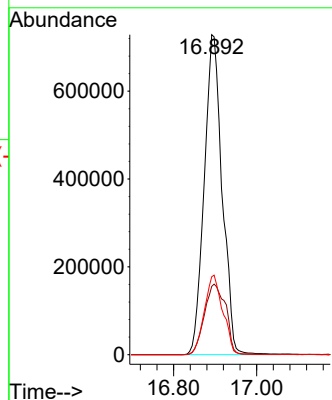


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 86.648 ng
 RT: 16.892 min Scan# 2189365
 Delta R.T. 0.006 min
 Lab File: BF134543.D
 Acq: 01 Aug 2023 11:47

Instrument :
 BNA_F
 ClientSampleId :

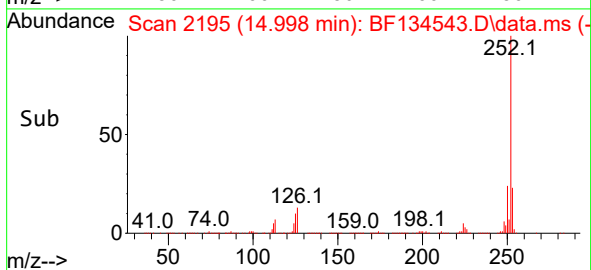
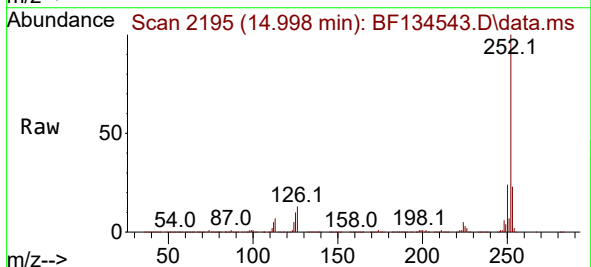
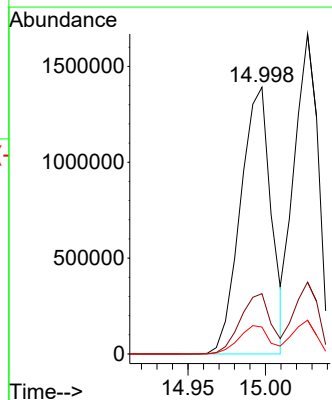


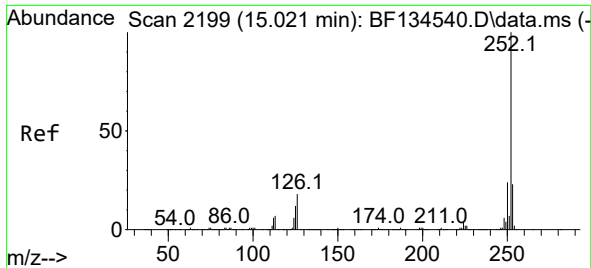
Tgt Ion:276 Resp: 2189365
 Ion Ratio Lower Upper
 276 100
 138 26.2 14.2 21.4#
 277 25.6 19.9 29.9



#88
 Benzo(b)fluoranthene
 Concen: 73.239 ng
 RT: 14.998 min Scan# 2195
 Delta R.T. 0.006 min
 Lab File: BF134543.D
 Acq: 01 Aug 2023 11:47

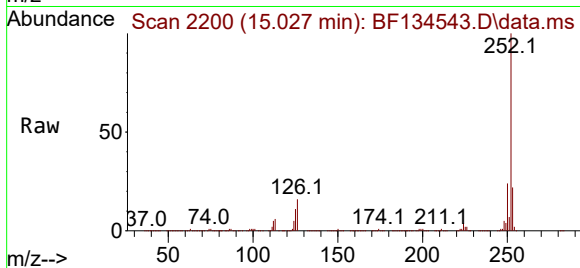
Tgt Ion:252 Resp: 1919044
 Ion Ratio Lower Upper
 252 100
 253 22.6 17.3 25.9
 125 10.1 6.0 9.0#



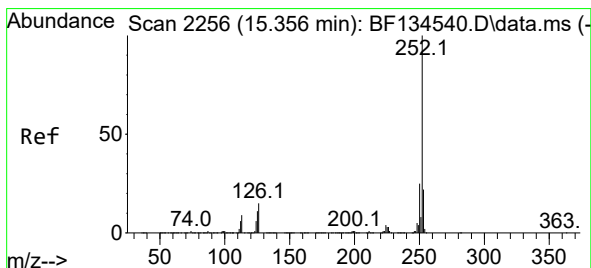
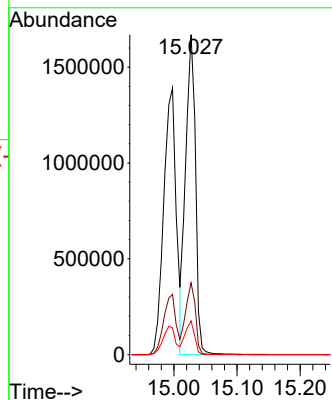
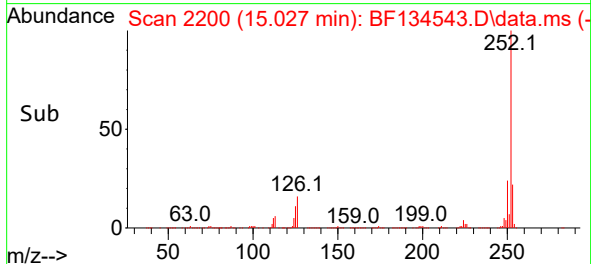


#89
Benzo(k)fluoranthene
Concen: 70.084 ng
RT: 15.027 min Scan# 2199
Delta R.T. 0.006 min
Lab File: BF134543.D
Acq: 01 Aug 2023 11:47

Instrument :
BNA_F
ClientSampleId :

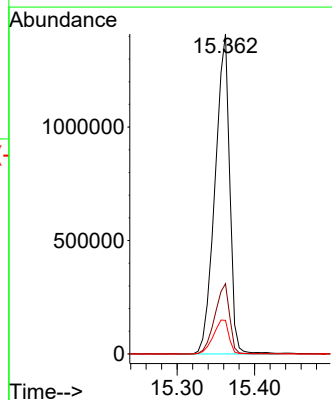
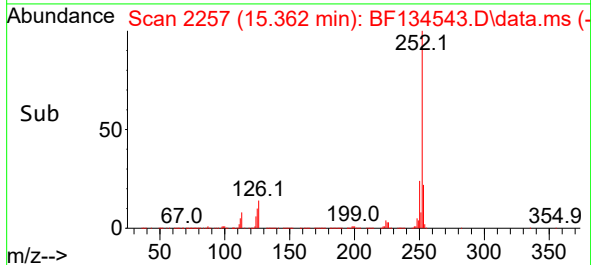
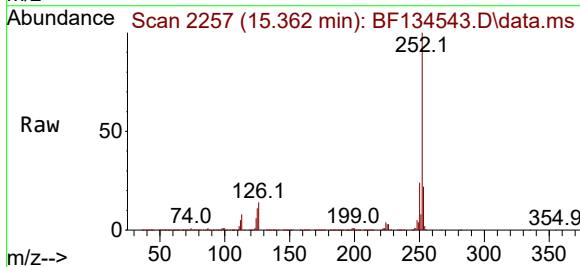


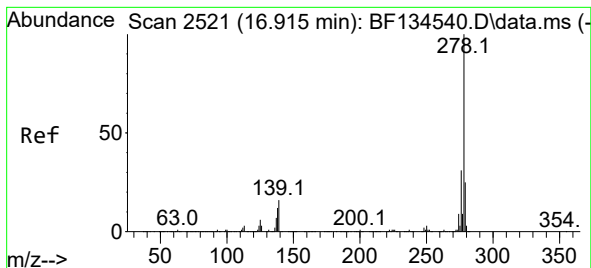
Tgt Ion:252 Resp: 1826804
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 10.5 6.3 9.5#



#90
Benzo(a)pyrene
Concen: 75.583 ng
RT: 15.362 min Scan# 2257
Delta R.T. 0.006 min
Lab File: BF134543.D
Acq: 01 Aug 2023 11:47

Tgt Ion:252 Resp: 1846527
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.4
125 10.5 6.2 9.4#





#91

Dibenzo(a,h)anthracene

Concen: 86.914 ng

RT: 16.927 min Scan# 2523

Delta R.T. 0.012 min

Lab File: BF134543.D

Acq: 01 Aug 2023 11:47

Instrument :

BNA_F

ClientSampleId :

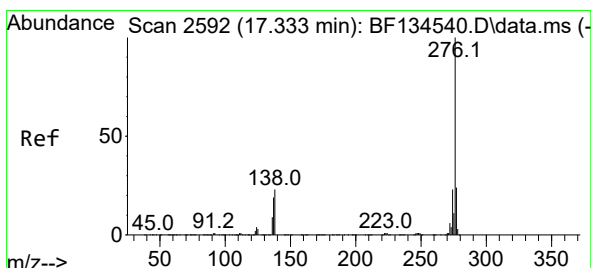
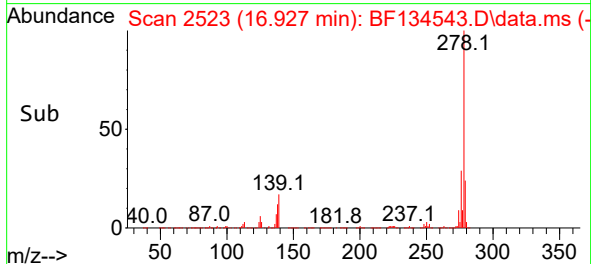
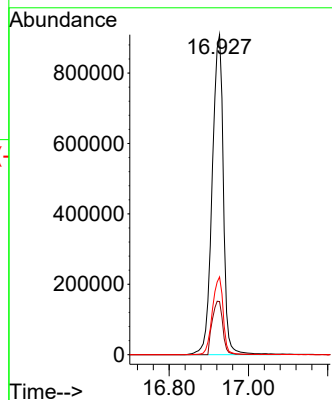
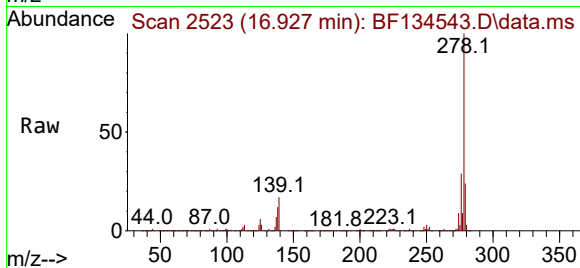
Tgt Ion:278 Resp: 1774780

Ion Ratio Lower Upper

278 100

139 16.6 10.0 15.0#

279 24.3 19.7 29.5



#92

Benzo(g,h,i)perylene

Concen: 89.797 ng

RT: 17.350 min Scan# 2595

Delta R.T. 0.018 min

Lab File: BF134543.D

Acq: 01 Aug 2023 11:47

Tgt Ion:276 Resp: 1870429

Ion Ratio Lower Upper

276 100

277 24.2 19.0 28.6

138 22.7 12.2 18.2#

