

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081723\
 Data File : BF134823.D
 Acq On : 17 Aug 2023 18:24
 Operator : CG\JU
 Sample : 04043-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E-4MSD

Quant Time: Aug 18 01:06:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	140254	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	553323	20.000	ng	# 0.00
39) Acenaphthene-d10	9.828	164	272329	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	454078	20.000	ng	# 0.00
76) Chrysene-d12	13.969	240	249319	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	350431	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	727740	78.874	ng	0.00
7) Phenol-d6	6.434	99	912870	77.398	ng	0.00
23) Nitrobenzene-d5	7.357	82	566538	63.985	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	245808	88.543	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	992187	60.578	ng	-0.01
79) Terphenyl-d14	12.910	244	819203	57.924	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.616	88	173816	40.945	ng	# 92
3) Pyridine	3.369	79	436970	37.987	ng	90
4) n-Nitrosodimethylamine	3.340	42	222109	40.410	ng	# 61
6) Aniline	6.463	93	496960	32.124	ng	90
8) 2-Chlorophenol	6.581	128	461242	49.556	ng	95
9) Benzaldehyde	6.346	77	196507	32.250	ng	98
10) Phenol	6.446	94	554561	47.713	ng	83
11) bis(2-Chloroethyl)ether	6.534	93	430905	46.669	ng	93
12) 1,3-Dichlorobenzene	6.734	146	479462	49.789	ng	95
13) 1,4-Dichlorobenzene	6.810	146	489874	50.758	ng	96
14) 1,2-Dichlorobenzene	6.963	146	462831	51.469	ng	96
15) Benzyl Alcohol	6.940	79	385427	47.369	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.069	45	653787	45.197	ng	90
17) 2-Methylphenol	7.051	107	361267	43.925	ng	93
18) Hexachloroethane	7.304	117	173342	51.175	ng	91
19) n-Nitroso-di-n-propyla...	7.210	70	292132	41.369	ng	90
20) 3+4-Methylphenols	7.204	107	411735	41.510	ng	# 88
22) Acetophenone	7.204	105	564655	44.204	ng	# 92
24) Nitrobenzene	7.375	77	471965	49.340	ng	97
25) Isophorone	7.616	82	856268	44.339	ng	99
26) 2-Nitrophenol	7.692	139	243199	58.575	ng	# 87
27) 2,4-Dimethylphenol	7.728	122	371828	43.151	ng	87
28) bis(2-Chloroethoxy)met...	7.828	93	523730	45.335	ng	99
29) 2,4-Dichlorophenol	7.934	162	375297	47.988	ng	98
30) 1,2,4-Trichlorobenzene	8.016	180	412975	49.519	ng	97
31) Naphthalene	8.098	128	1277272	45.930	ng	99
32) Benzoic acid	7.857	122	290610	51.095	ng	91
33) 4-Chloroaniline	8.145	127	222442	17.952	ng	96
34) Hexachlorobutadiene	8.210	225	239411	49.768	ng	97
35) Caprolactam	8.516	113	75987	30.116	ng	97
36) 4-Chloro-3-methylphenol	8.634	107	389111	46.980	ng	91
37) 2-Methylnaphthalene	8.787	142	814853	44.207	ng	99
38) 1-Methylnaphthalene	8.887	142	767734	44.790	ng	96
40) 1,2,4,5-Tetrachloroben...	8.951	216	394470	49.812	ng	98
41) Hexachlorocyclopentadiene	8.939	237	382842	99.415	ng	93
43) 2,4,6-Trichlorophenol	9.063	196	261968	50.546	ng	98

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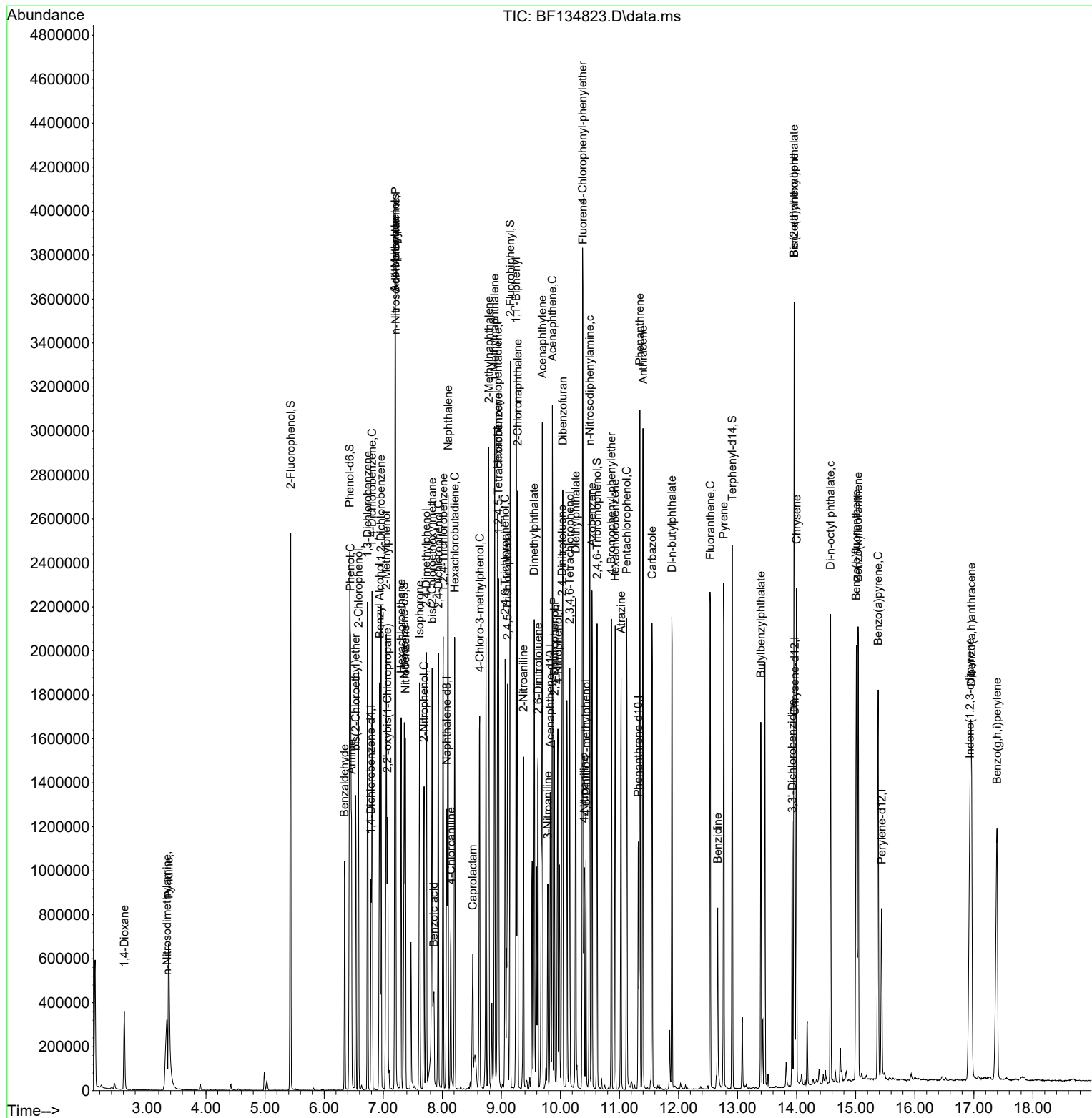
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	275579	46.524	ng	93
46) 1,1'-Biphenyl	9.251	154	1017191	48.033	ng	98
47) 2-Chloronaphthalene	9.275	162	780214	49.169	ng	99
48) 2-Nitroaniline	9.375	65	235764	47.680	ng	92
49) Acenaphthylene	9.692	152	1179748	47.298	ng	99
50) Dimethylphthalate	9.557	163	881679	47.501	ng	97
51) 2,6-Dinitrotoluene	9.622	165	200782	52.546	ng	# 75
52) Acenaphthene	9.863	154	713813	44.160	ng	99
53) 3-Nitroaniline	9.786	138	134262	32.453	ng	99
54) 2,4-Dinitrophenol	9.898	184	194196	110.661	ng	88
55) Dibenzofuran	10.039	168	1042421	45.302	ng	95
56) 4-Nitrophenol	9.957	139	287731	85.036	ng	# 74
57) 2,4-Dinitrotoluene	10.028	165	250771	54.202	ng	# 83
58) Fluorene	10.381	166	773188	46.132	ng	96
59) 2,3,4,6-Tetrachlorophenol	10.157	232	230584	49.204	ng	96
60) Diethylphthalate	10.257	149	806979	45.868	ng	96
61) 4-Chlorophenyl-phenyle...	10.375	204	386753	46.946	ng	95
62) 4-Nitroaniline	10.404	138	184071	45.394	ng	# 84
63) Azobenzene	10.533	77	803244	42.494	ng	96
65) 4,6-Dinitro-2-methylph...	10.433	198	133864	68.419	ng	81
66) n-Nitrosodiphenylamine	10.498	169	703535	48.678	ng	98
67) 4-Bromophenyl-phenylether	10.863	248	256097	51.521	ng	97
68) Hexachlorobenzene	10.928	284	280053	53.354	ng	98
69) Atrazine	11.028	200	221053	56.745	ng	98
70) Pentachlorophenol	11.122	266	249302	76.708	ng	96
71) Phenanthrene	11.345	178	1120596	46.462	ng	99
72) Anthracene	11.398	178	1131988	45.948	ng	99
73) Carbazole	11.551	167	899597	40.897	ng	99
74) Di-n-butylphthalate	11.886	149	1093654	46.799	ng	99
75) Fluoranthene	12.539	202	980038	38.468	ng	98
77) Benzidine	12.663	184	320637	59.244	ng	99
78) Pyrene	12.763	202	967126	44.828	ng	97
80) Butylbenzylphthalate	13.392	149	340969	46.739	ng	94
81) Benzo(a)anthracene	13.957	228	784986	44.032	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	255660	49.474	ng	99
83) Chrysene	13.998	228	786958	45.309	ng	99
84) Bis(2-ethylhexyl)phtha...	13.957	149	446670	52.030	ng	99
85) Di-n-octyl phthalate	14.574	149	948349	72.642	ng	99
87) Indeno(1,2,3-cd)pyrene	16.933	276	1213683	58.889	ng	# 92
88) Benzo(b)fluoranthene	15.010	252	1028662	48.130	ng	# 97
89) Benzo(k)fluoranthene	15.039	252	886303	41.629	ng	# 98
90) Benzo(a)pyrene	15.380	252	896961	45.012	ng	# 97
91) Dibenzo(a,h)anthracene	16.957	278	994947	59.735	ng	# 96
92) Benzo(g,h,i)perylene	17.392	276	989828	58.259	ng	# 93

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

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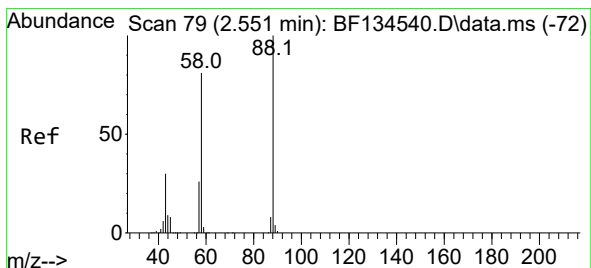
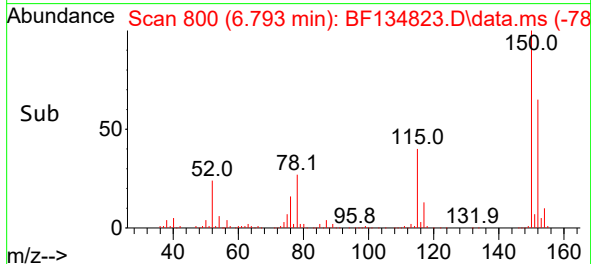
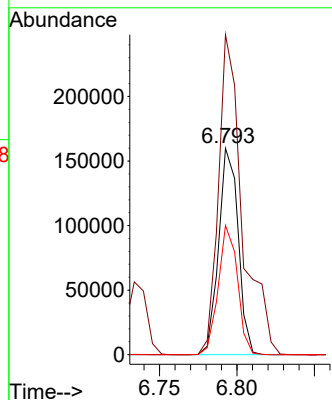
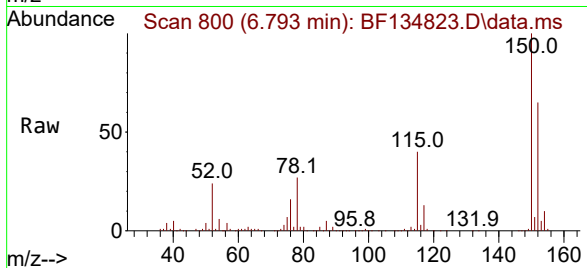




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.793 min Scan# 80
 Delta R.T. -0.005 min
 Lab File: BF134823.D
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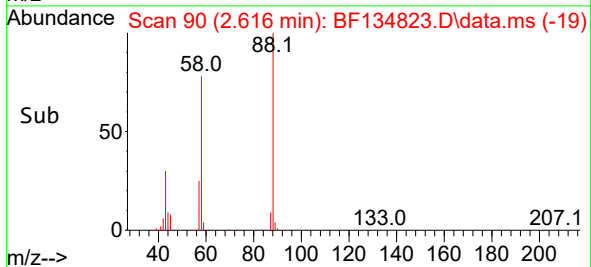
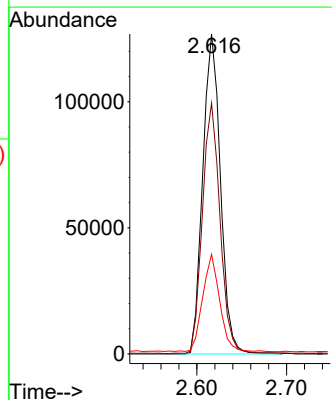
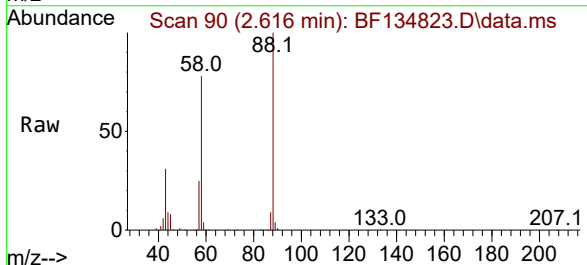
Instrument :
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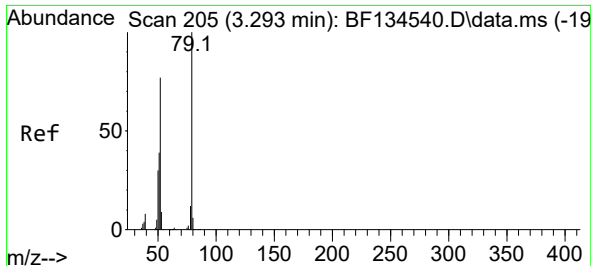
Tgt Ion:152 Resp: 140254
 Ion Ratio Lower Upper
 152 100
 150 155.0 128.3 192.5
 115 62.6 52.4 78.6



#2
 1,4-Dioxane
 Concen: 40.945 ng
 RT: 2.616 min Scan# 90
 Delta R.T. 0.065 min
 Lab File: BF134823.D
 Acq: 17 Aug 2023 18:24

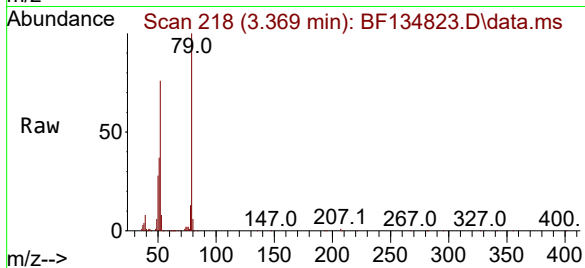
Tgt Ion: 88 Resp: 173816
 Ion Ratio Lower Upper
 88 100
 58 77.8 65.1 97.7
 43 28.8 30.3 45.5#



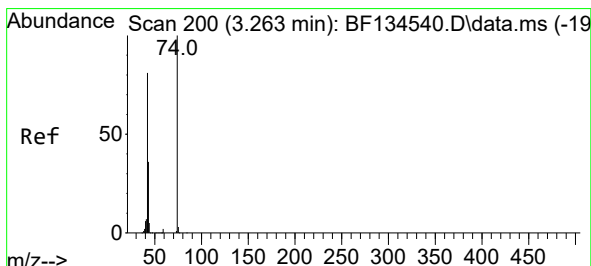
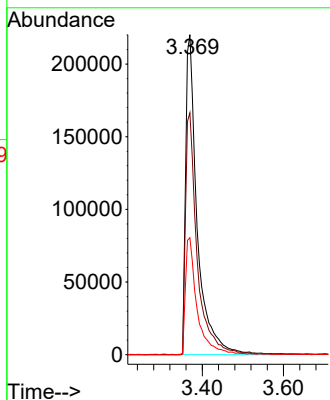
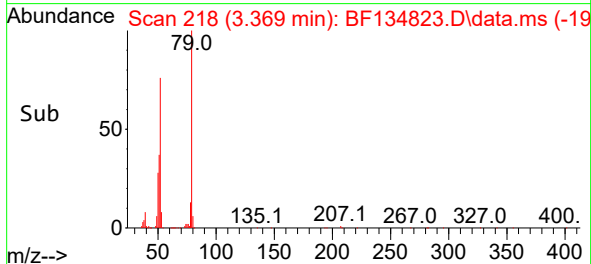


#3
Pyridine
Concen: 37.987 ng
RT: 3.369 min Scan# 218
Delta R.T. 0.065 min
Lab File: BF134823.D
Acq: 17 Aug 2023 18:24

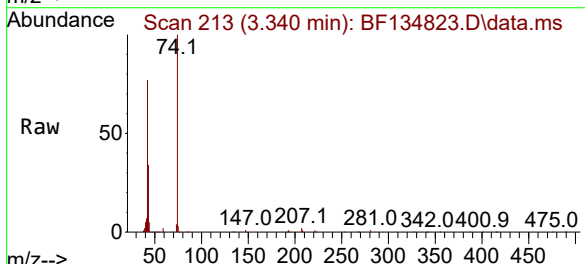
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ClientSampleId :
E-4MSD



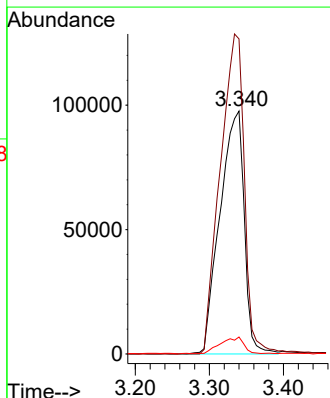
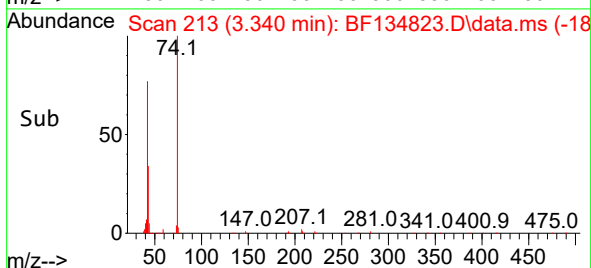
Tgt Ion: 79 Resp: 436970
Ion Ratio Lower Upper
79 100
52 75.6 66.6 100.0
51 36.6 36.5 54.7

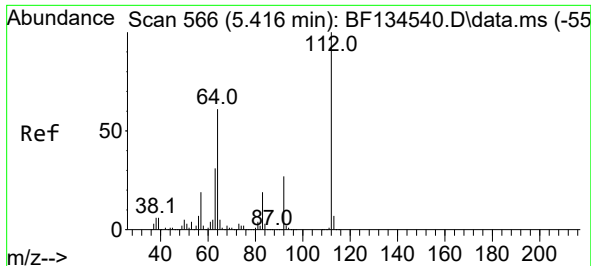


#4
n-Nitrosodimethylamine
Concen: 40.410 ng
RT: 3.340 min Scan# 213
Delta R.T. 0.059 min
Lab File: BF134823.D
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Tgt Ion: 42 Resp: 222109
Ion Ratio Lower Upper
42 100
74 129.7 72.2 108.4#
44 7.0 5.4 8.0

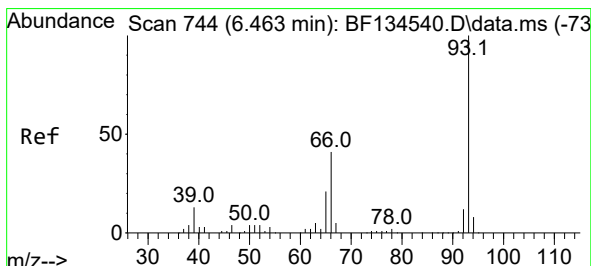
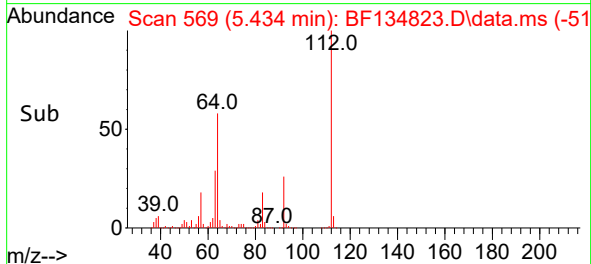
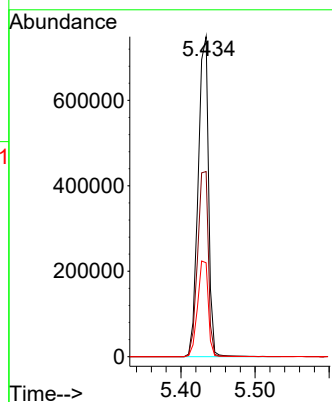
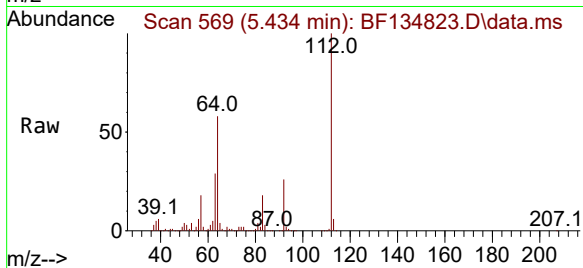




#5
2-Fluorophenol
Concen: 78.874 ng
RT: 5.434 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF134823.D
Acq: 17 Aug 2023 18:24

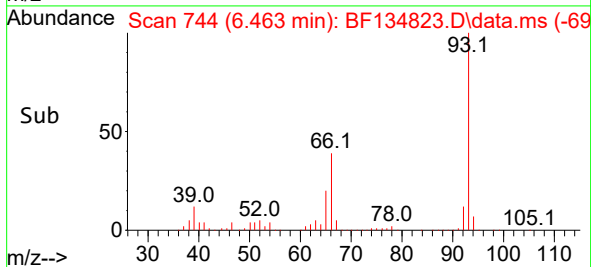
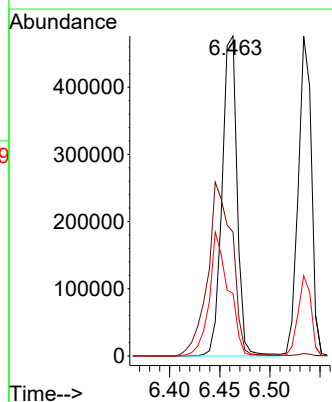
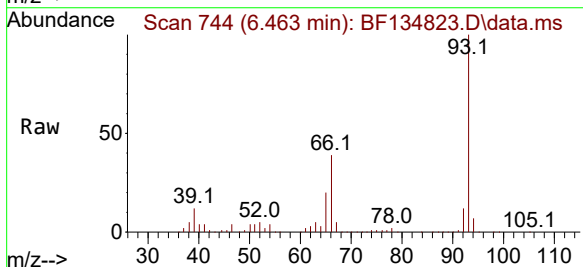
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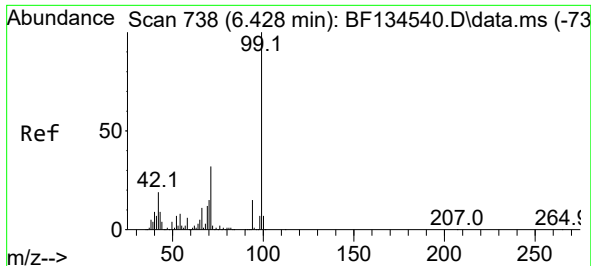
Tgt Ion:112 Resp: 727740
Ion Ratio Lower Upper
112 100
64 57.8 44.9 67.3
63 29.3 25.4 38.0



#6
Aniline
Concen: 32.124 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF134823.D
Acq: 17 Aug 2023 18:24

Tgt Ion: 93 Resp: 496960
Ion Ratio Lower Upper
93 100
66 38.7 36.8 55.2
65 19.5 19.4 29.0

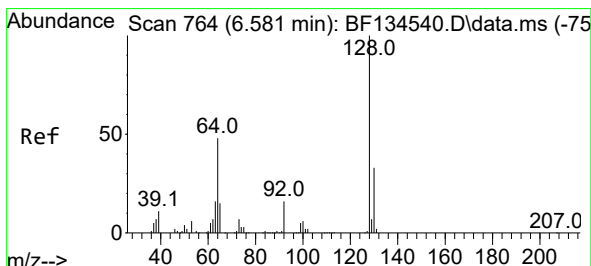
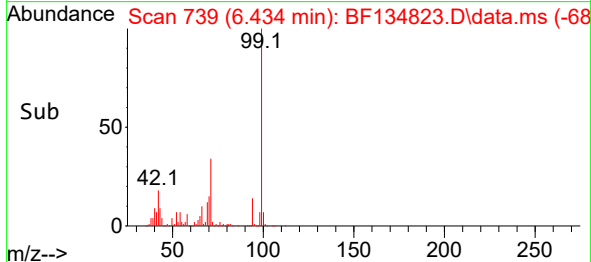
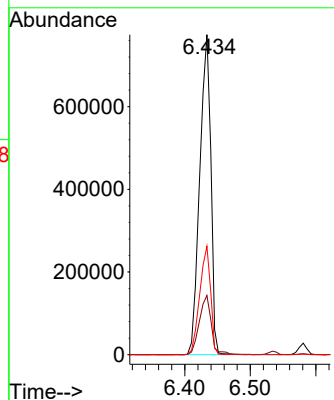
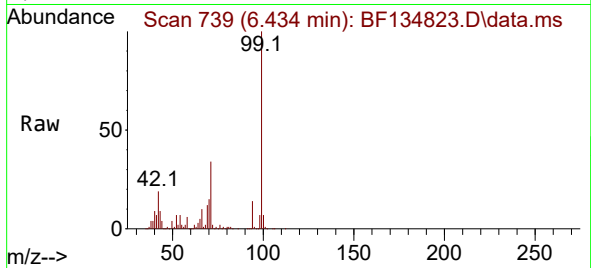




#7
Phenol-d6
Concen: 77.398 ng
RT: 6.434 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF134823.D
Acq: 17 Aug 2023 18:24

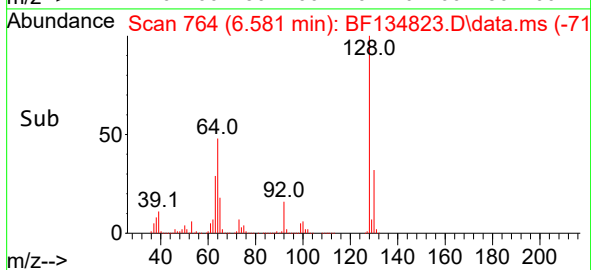
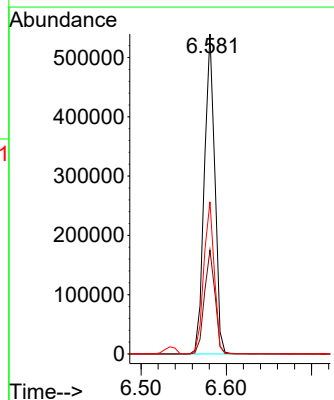
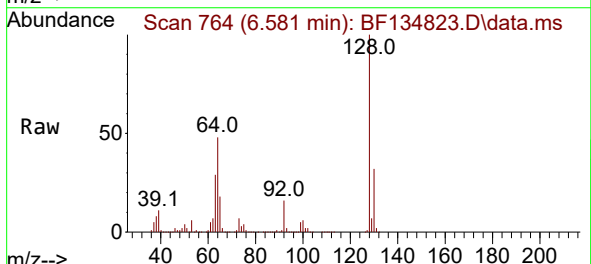
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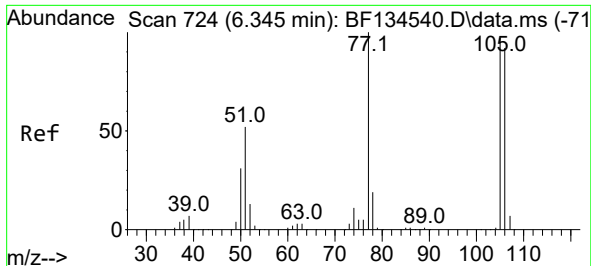
Tgt Ion: 99 Resp: 912870
Ion Ratio Lower Upper
99 100
42 18.5 18.7 28.1#
71 33.9 36.4 54.6#



#8
2-Chlorophenol
Concen: 49.556 ng
RT: 6.581 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF134823.D
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Tgt Ion: 128 Resp: 461242
Ion Ratio Lower Upper
128 100
130 32.4 11.1 51.1
64 47.6 31.9 71.9

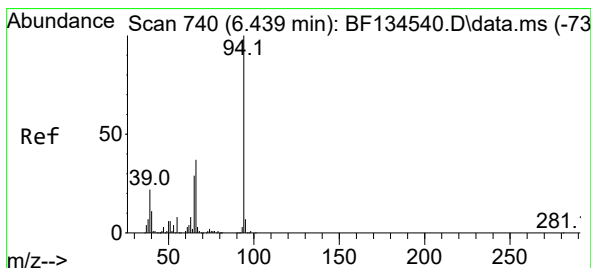
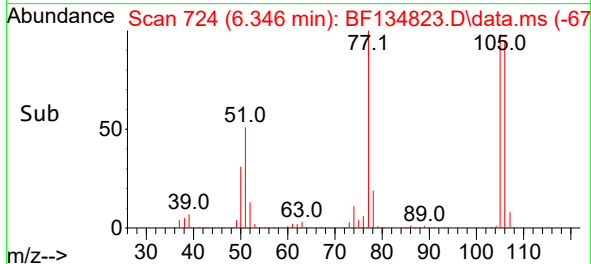
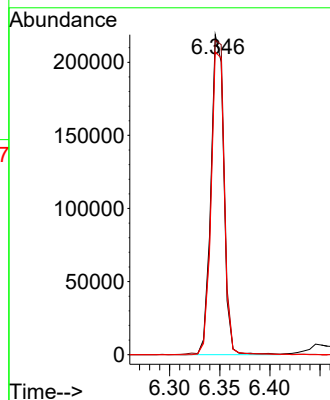
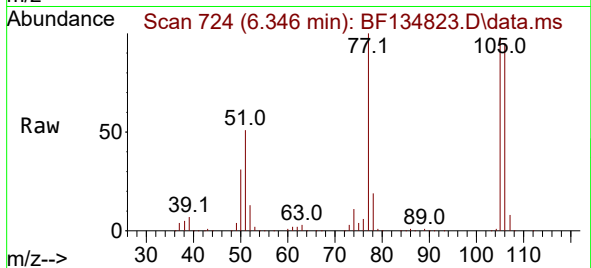




#9
Benzaldehyde
Concen: 32.250 ng
RT: 6.346 min Scan# 71
Delta R.T. -0.012 min
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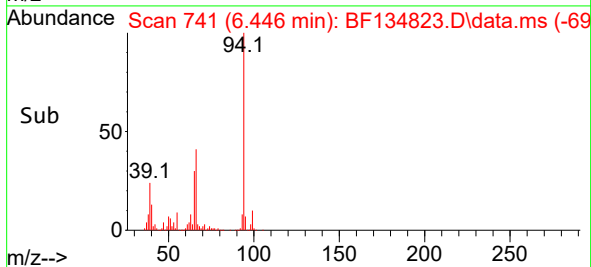
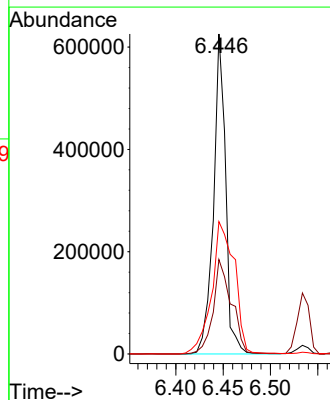
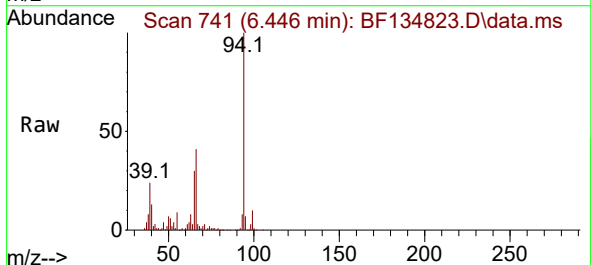
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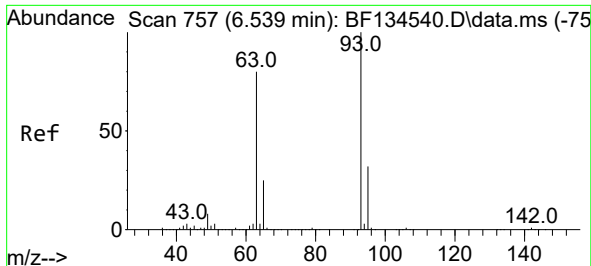
Tgt Ion: 77 Resp: 196507
Ion Ratio Lower Upper
77 100
105 98.3 77.1 117.1
106 94.6 71.4 111.4



#10
Phenol
Concen: 47.713 ng
RT: 6.446 min Scan# 741
Delta R.T. -0.006 min
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Tgt Ion: 94 Resp: 554561
Ion Ratio Lower Upper
94 100
65 29.5 17.8 57.8
66 41.4 35.2 75.2

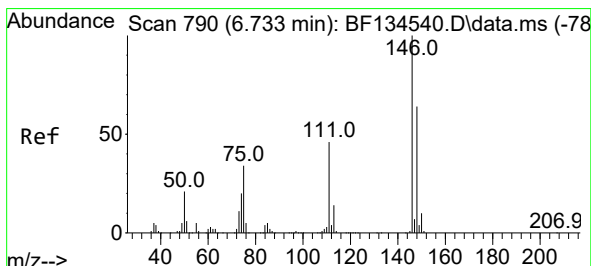
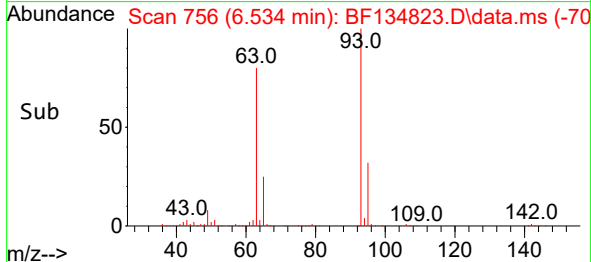
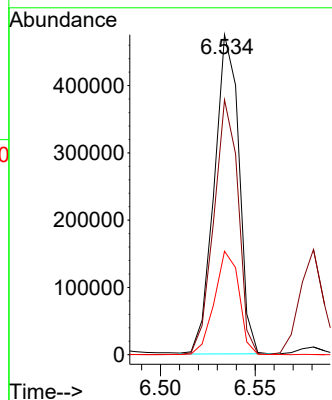
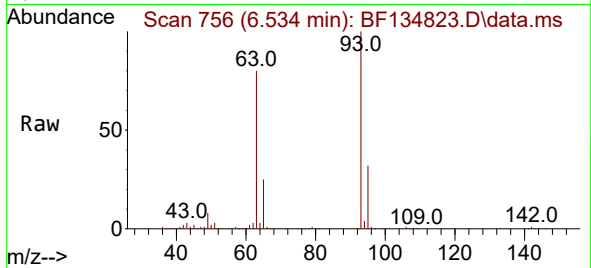




#11
bis(2-Chloroethyl)ether
Concen: 46.669 ng
RT: 6.534 min Scan# 757
Delta R.T. -0.012 min
Lab File: BF134823.D
Acq: 17 Aug 2023 18:24

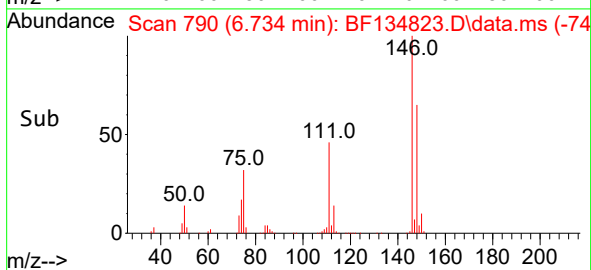
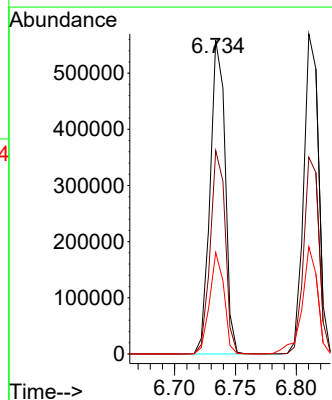
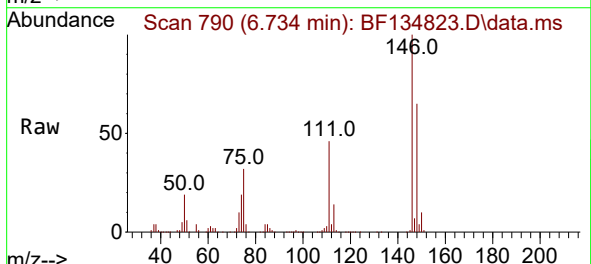
Instrument :
BNA_F
ClientSampleId :
E-4MSD

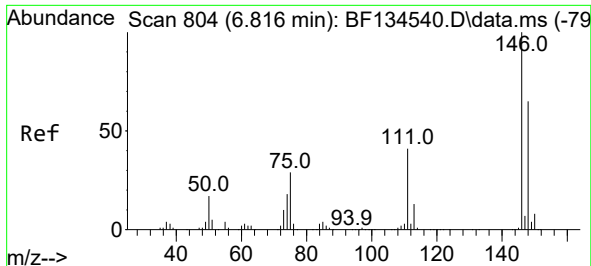
Tgt Ion: 93 Resp: 430905
Ion Ratio Lower Upper
93 100
63 79.7 68.4 108.4
95 32.3 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 49.789 ng
RT: 6.734 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF134823.D
Acq: 17 Aug 2023 18:24

Tgt Ion:146 Resp: 479462
Ion Ratio Lower Upper
146 100
148 64.8 49.7 74.5
75 32.3 29.5 44.3

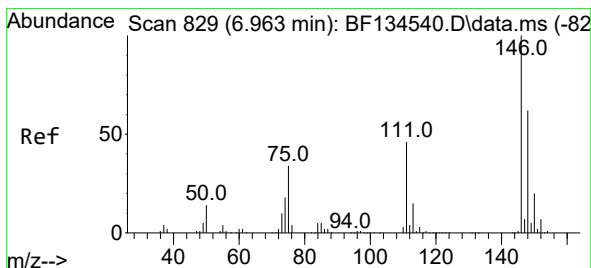
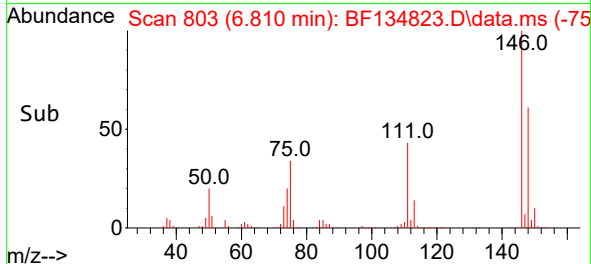
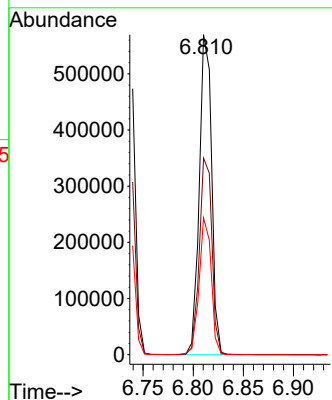
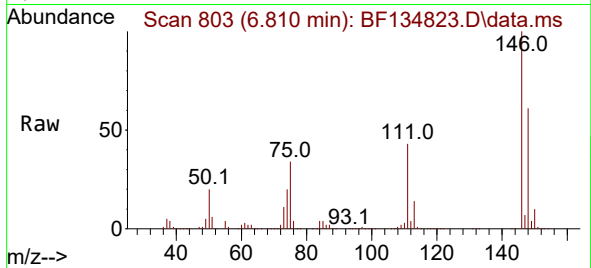




#13
1,4-Dichlorobenzene
Concen: 50.758 ng
RT: 6.810 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF134823.D
Acq: 17 Aug 2023 18:24

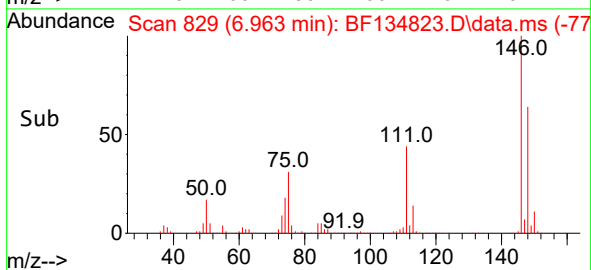
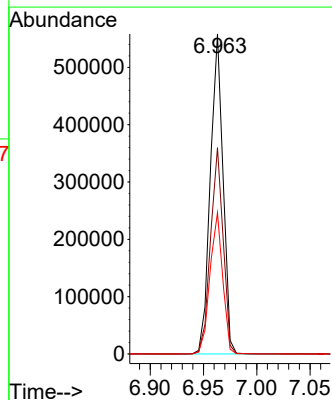
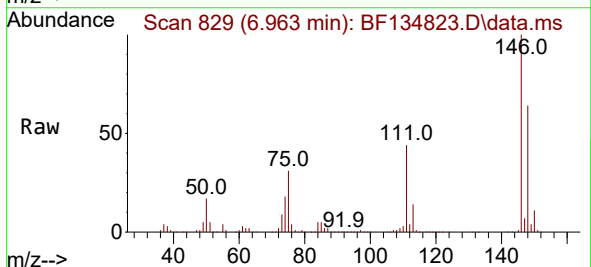
Instrument :
BNA_F
ClientSampleId :
E-4MSD

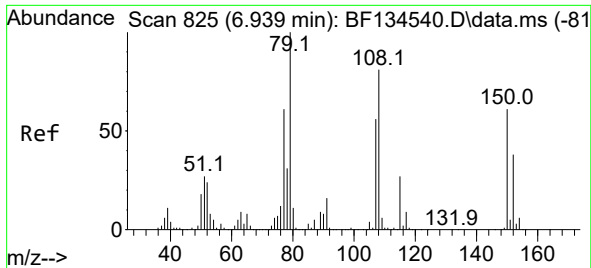
Tgt Ion:146 Resp: 489874
Ion Ratio Lower Upper
146 100
148 61.5 51.3 76.9
111 42.7 36.6 55.0



#14
1,2-Dichlorobenzene
Concen: 51.469 ng
RT: 6.963 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF134823.D
Acq: 17 Aug 2023 18:24

Tgt Ion:146 Resp: 462831
Ion Ratio Lower Upper
146 100
148 64.4 51.2 76.8
111 44.1 39.9 59.9

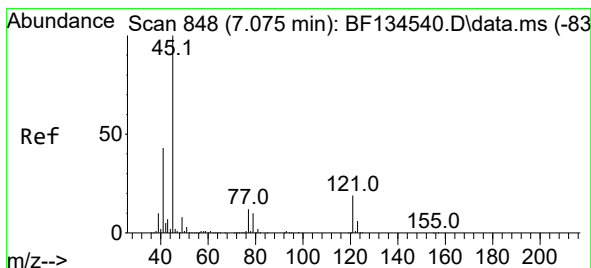
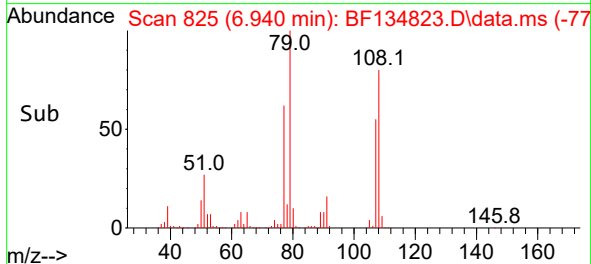
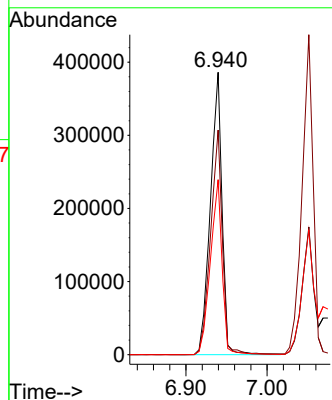
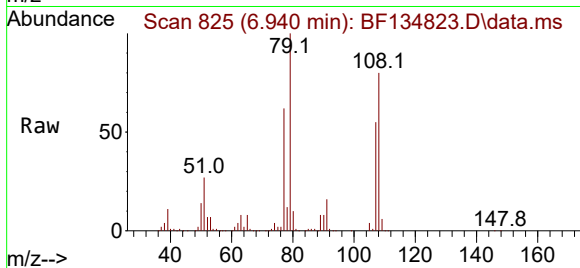




#15
Benzyl Alcohol
Concen: 47.369 ng
RT: 6.940 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF134823.D
Acq: 17 Aug 2023 18:24

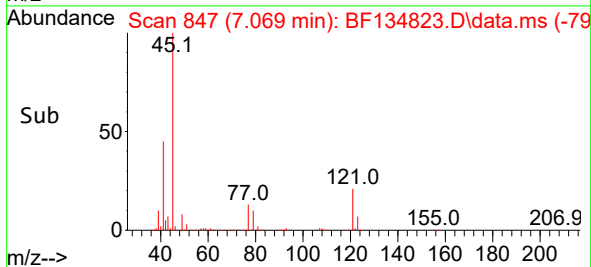
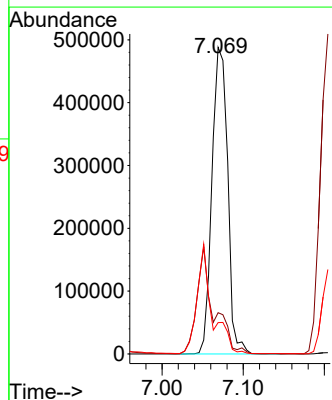
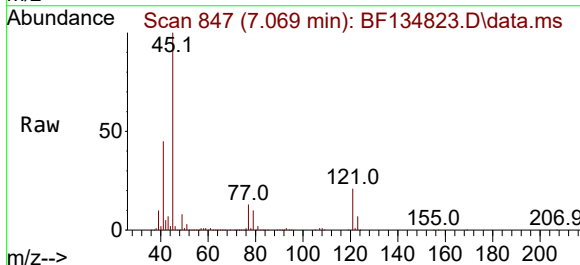
Instrument :
BNA_F
ClientSampleId :
E-4MSD

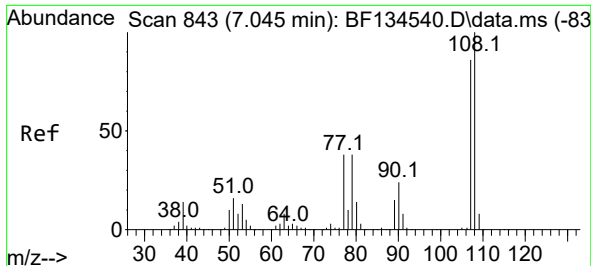
Tgt Ion: 79 Resp: 385427
Ion Ratio Lower Upper
79 100
108 79.5 56.3 84.5
77 62.0 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.197 ng
RT: 7.069 min Scan# 847
Delta R.T. -0.012 min
Lab File: BF134823.D
Acq: 17 Aug 2023 18:24

Tgt Ion: 45 Resp: 653787
Ion Ratio Lower Upper
45 100
77 13.5 0.0 37.8
79 10.3 0.0 34.5

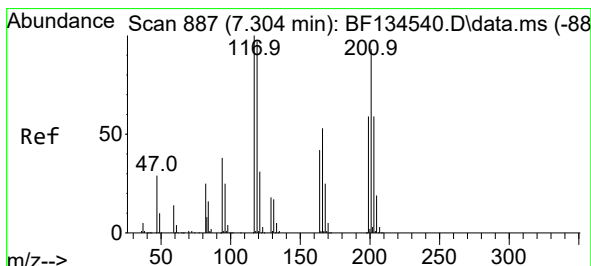
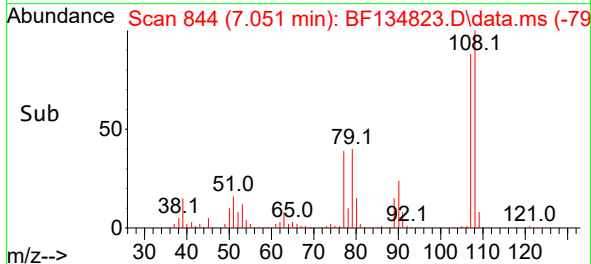
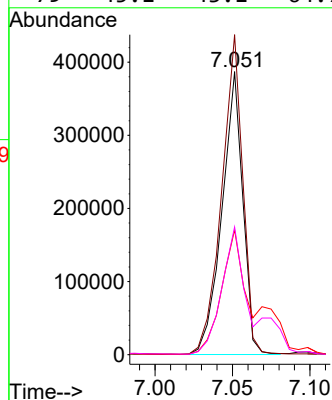
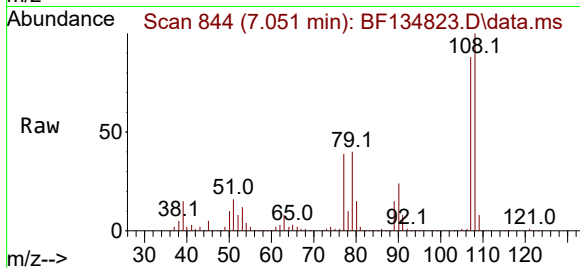




#17
2-Methylphenol
Concen: 43.925 ng
RT: 7.051 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF134823.D
Acq: 17 Aug 2023 18:24

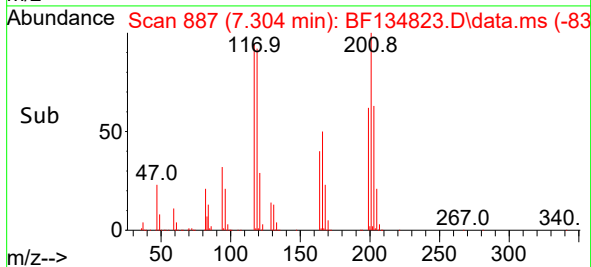
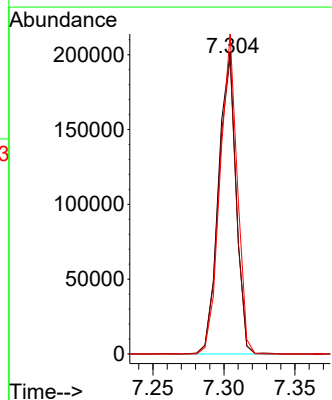
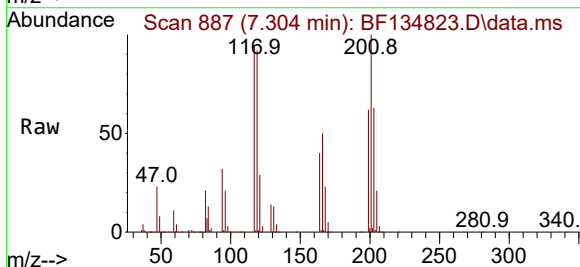
Instrument :
BNA_F
ClientSampleId :
E-4MSD

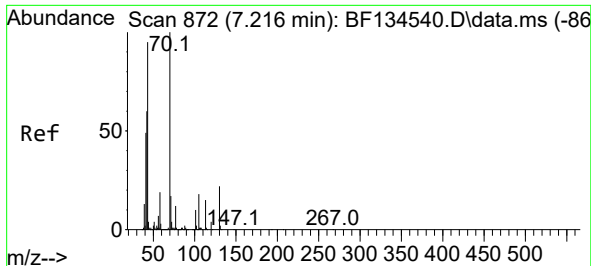
Tgt Ion:107 Resp: 361267
Ion Ratio Lower Upper
107 100
108 113.1 89.4 134.2
77 44.1 42.4 63.6
79 45.1 43.1 64.7



#18
Hexachloroethane
Concen: 51.175 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF134823.D
Acq: 17 Aug 2023 18:24

Tgt Ion:117 Resp: 173342
Ion Ratio Lower Upper
117 100
119 98.2 75.8 113.8
201 106.3 73.6 110.4





#19

n-Nitroso-di-n-propylamine

Concen: 41.369 ng

RT: 7.210 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF134823.D

Acq: 17 Aug 2023 18:24

Instrument :

BNA_F

ClientSampleId :

E-4MSD

Tgt Ion: 70 Resp: 292132

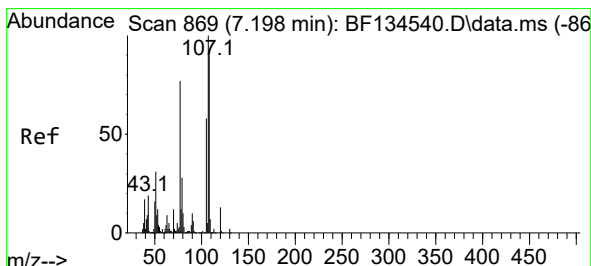
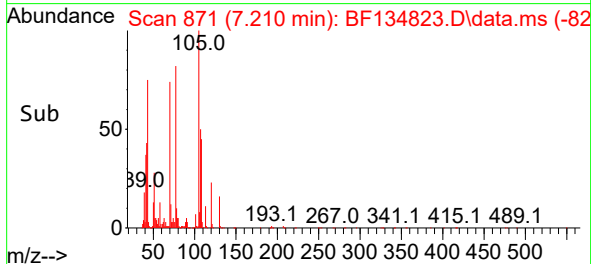
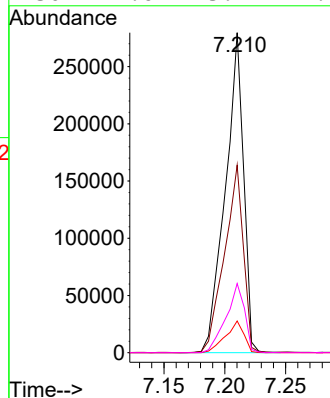
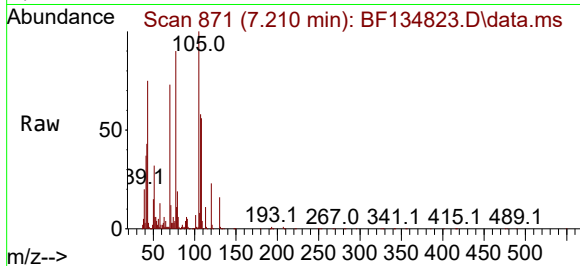
Ion Ratio Lower Upper

70 100

42 58.6 54.7 82.1

101 9.9 8.2 12.2

130 21.6 15.1 22.7



#20

3+4-Methylphenols

Concen: 41.510 ng

RT: 7.204 min Scan# 870

Delta R.T. -0.006 min

Lab File: BF134823.D

Acq: 17 Aug 2023 18:24

Tgt Ion:107 Resp: 411735

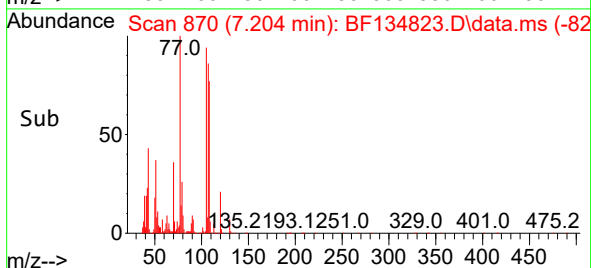
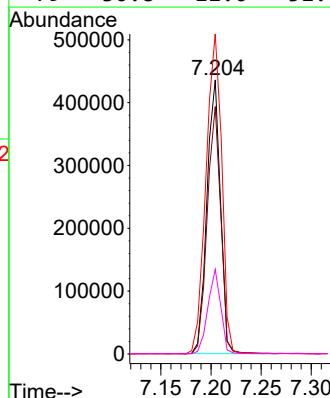
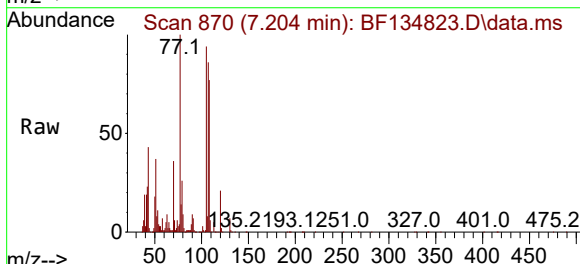
Ion Ratio Lower Upper

107 100

108 90.2 68.1 108.1

77 116.8 122.1 162.1#

79 30.8 11.0 51.0

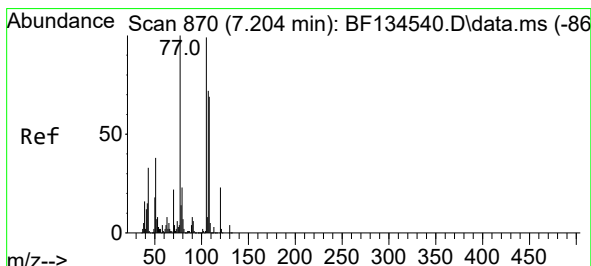
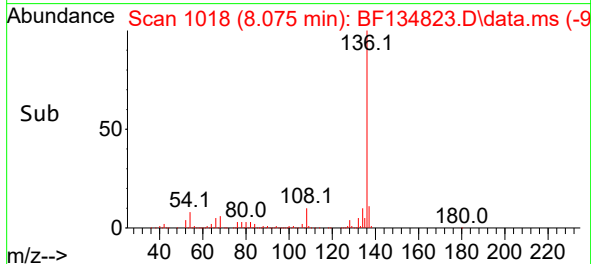
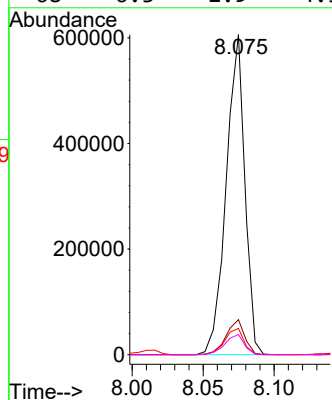
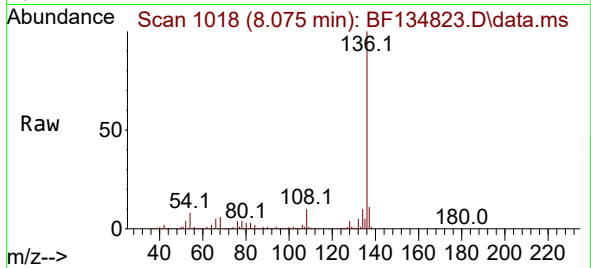




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134823.D
Acq: 17 Aug 2023 18:24

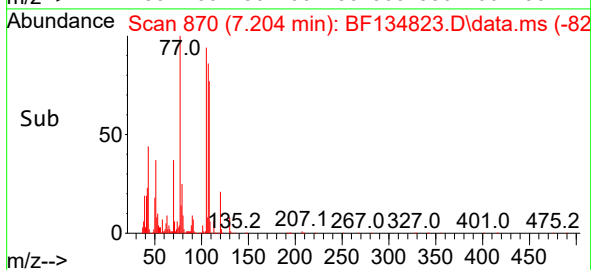
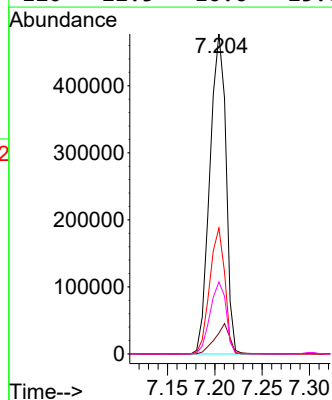
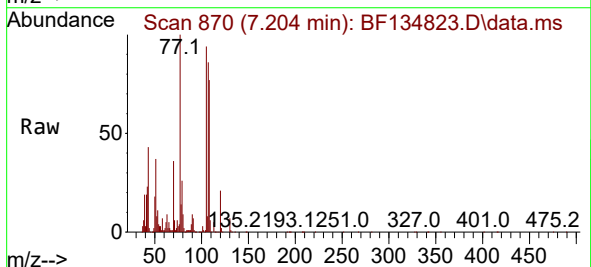
Instrument :
BNA_F
ClientSampleId :
E-4MSD

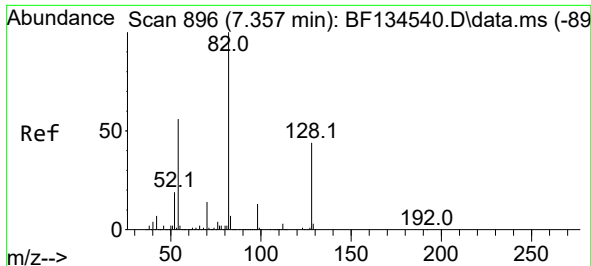
Tgt Ion:136 Resp: 553323
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 8.2 5.2 7.8#
68 6.3 2.9 4.3#



#22
Acetophenone
Concen: 44.204 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.012 min
Lab File: BF134823.D
Acq: 17 Aug 2023 18:24

Tgt Ion:105 Resp: 564655
Ion Ratio Lower Upper
105 100
71 6.5 7.4 11.0#
51 39.3 36.4 54.6
120 22.5 16.6 25.0

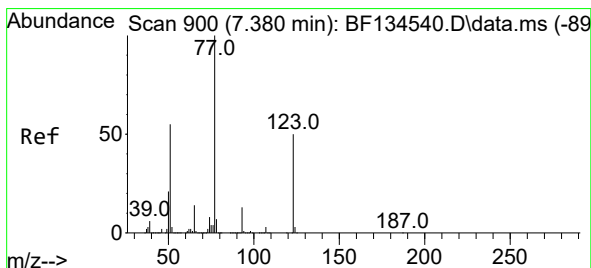
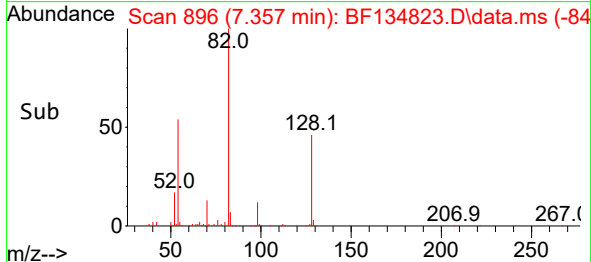
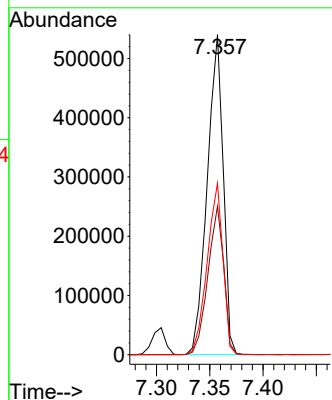
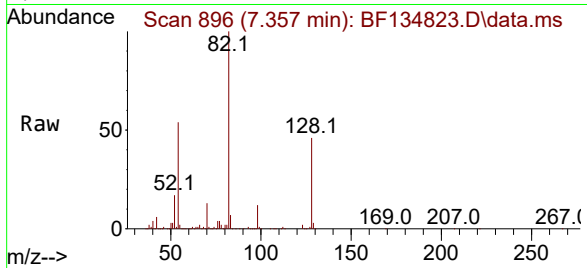




#23
Nitrobenzene-d5
Concen: 63.985 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF134823.D
Acq: 17 Aug 2023 18:24

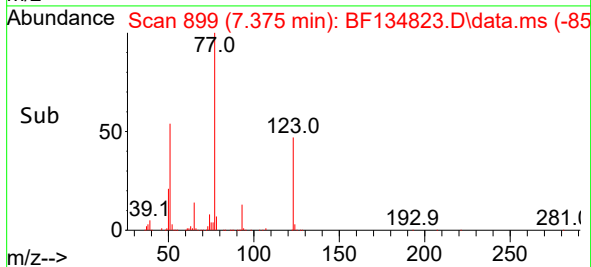
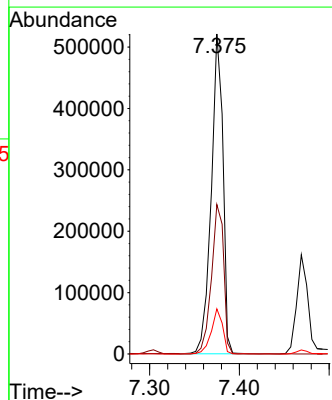
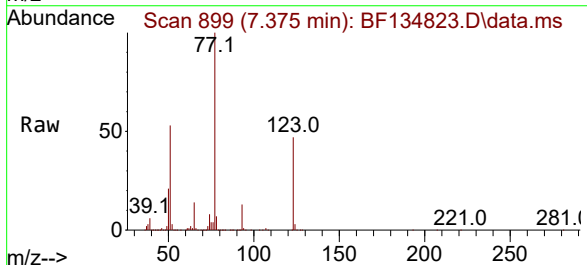
Instrument :
BNA_F
ClientSampleId :
E-4MSD

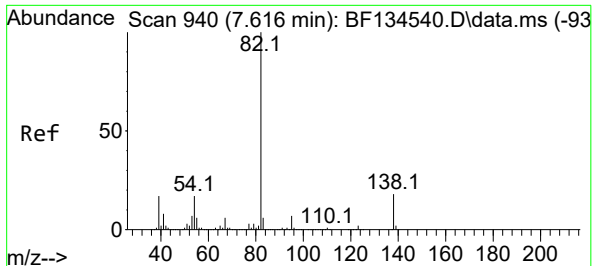
Tgt Ion: 82 Resp: 566538
Ion Ratio Lower Upper
82 100
128 46.4 34.3 51.5
54 53.6 43.8 65.6



#24
Nitrobenzene
Concen: 49.340 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF134823.D
Acq: 17 Aug 2023 18:24

Tgt Ion: 77 Resp: 471965
Ion Ratio Lower Upper
77 100
123 46.7 35.5 53.3
65 14.1 11.9 17.9

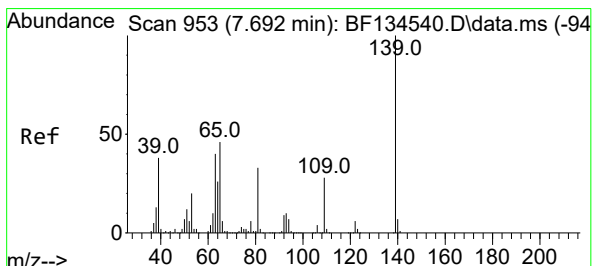
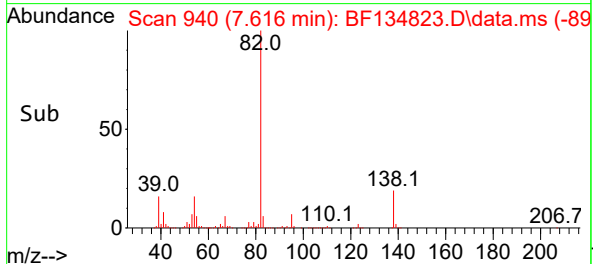
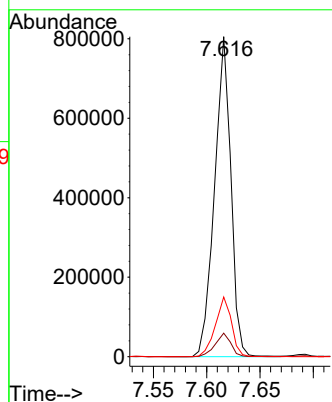
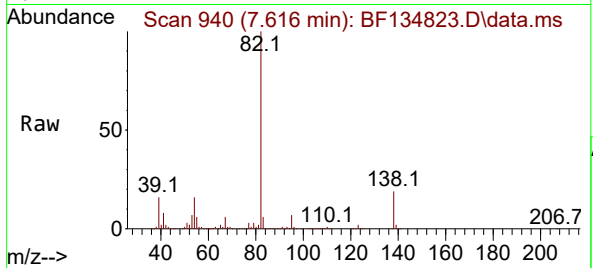




#25
Isophorone
Concen: 44.339 ng
RT: 7.616 min Scan# 940
Delta R.T. -0.012 min
Lab File: BF134823.D
Acq: 17 Aug 2023 18:24

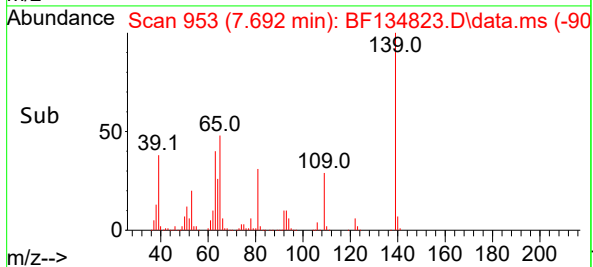
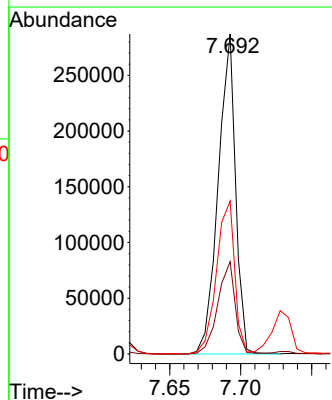
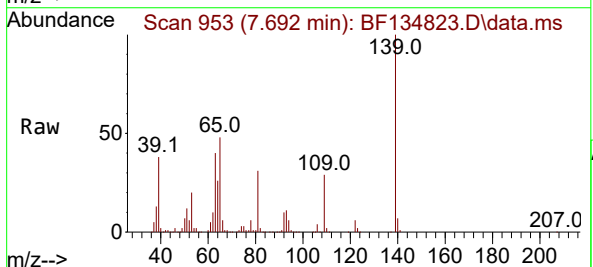
Instrument :
BNA_F
ClientSampleId :
E-4MSD

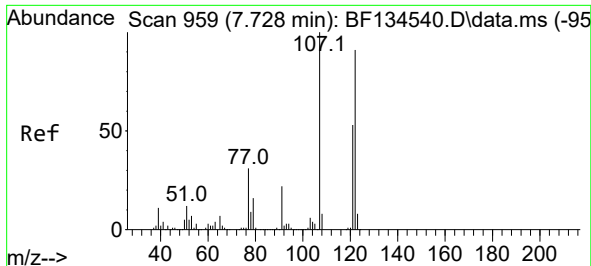
Tgt Ion: 82 Resp: 856268
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 18.6 14.6 22.0



#26
2-Nitrophenol
Concen: 58.575 ng
RT: 7.692 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF134823.D
Acq: 17 Aug 2023 18:24

Tgt Ion: 139 Resp: 243199
Ion Ratio Lower Upper
139 100
109 28.9 29.8 44.6#
65 47.8 45.4 68.2





#27

2,4-Dimethylphenol

Concen: 43.151 ng

RT: 7.728 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF134823.D

Acq: 17 Aug 2023 18:24

Instrument :

BNA_F

ClientSampleId :

E-4MSD

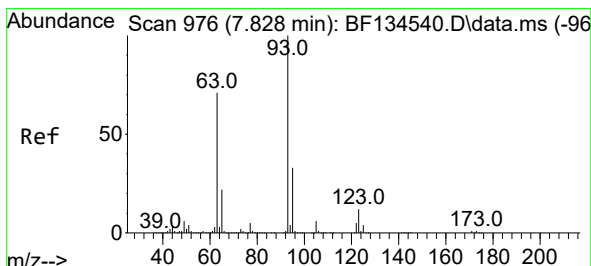
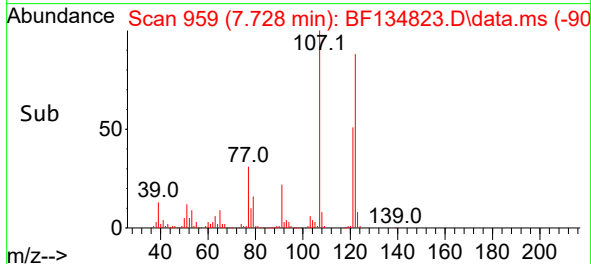
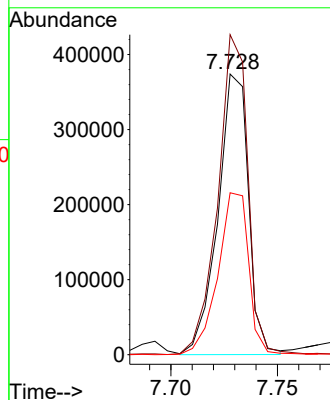
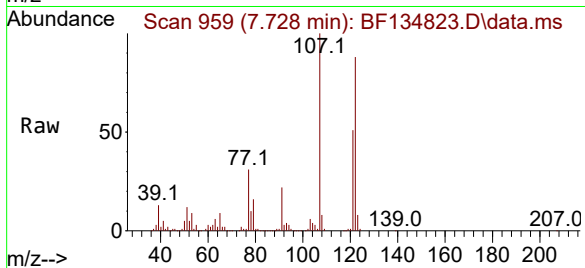
Tgt Ion:122 Resp: 371828

Ion Ratio Lower Upper

122 100

107 114.0 106.7 160.1

121 57.7 49.0 73.6



#28

bis(2-Chloroethoxy)methane

Concen: 45.335 ng

RT: 7.828 min Scan# 976

Delta R.T. -0.006 min

Lab File: BF134823.D

Acq: 17 Aug 2023 18:24

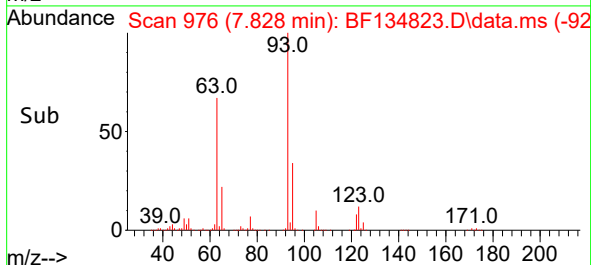
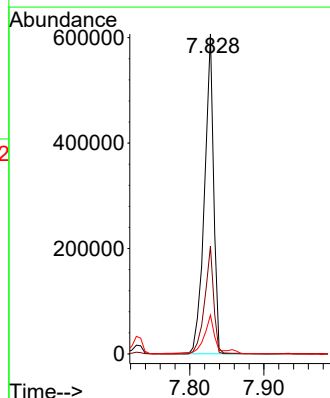
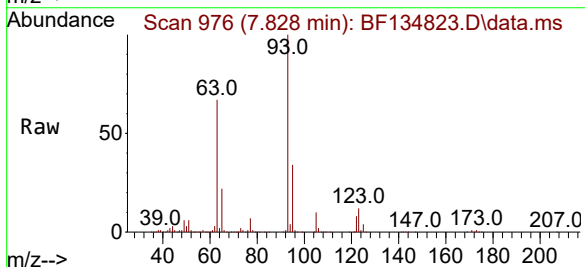
Tgt Ion: 93 Resp: 523730

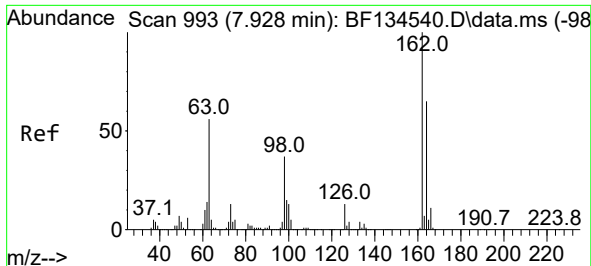
Ion Ratio Lower Upper

93 100

95 33.7 26.5 39.7

123 12.2 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 47.988 ng

RT: 7.934 min Scan# 993

Delta R.T. -0.006 min

Lab File: BF134823.D

Acq: 17 Aug 2023 18:24

Instrument :

BNA_F

ClientSampleId :

E-4MSD

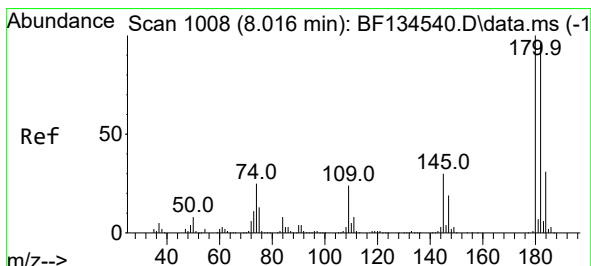
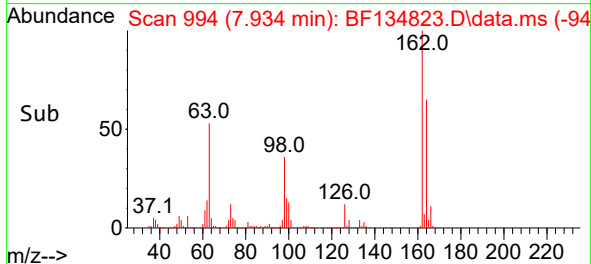
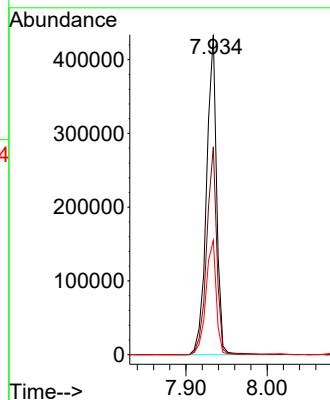
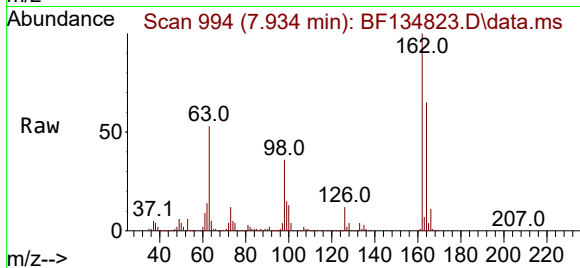
Tgt Ion:162 Resp: 375297

Ion Ratio Lower Upper

162 100

164 65.0 42.2 82.2

98 35.8 15.5 55.5



#30

1,2,4-Trichlorobenzene

Concen: 49.519 ng

RT: 8.016 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF134823.D

Acq: 17 Aug 2023 18:24

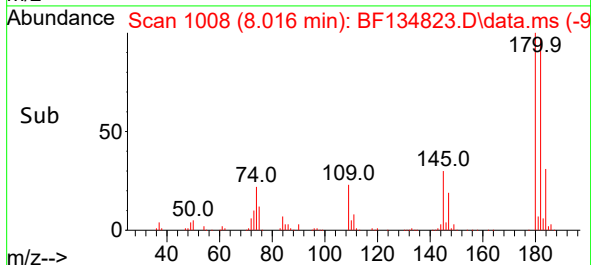
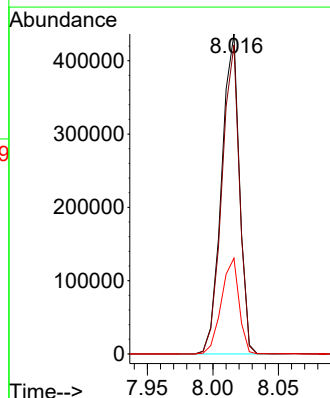
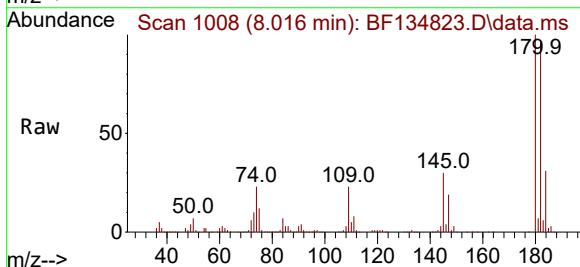
Tgt Ion:180 Resp: 412975

Ion Ratio Lower Upper

180 100

182 96.5 75.0 112.6

145 29.9 25.5 38.3

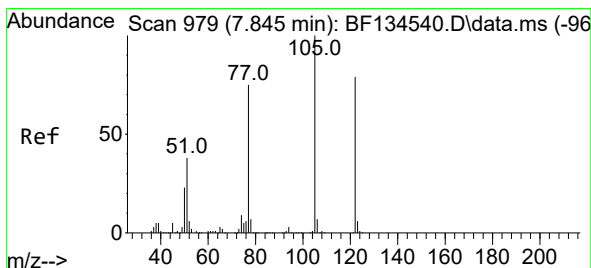
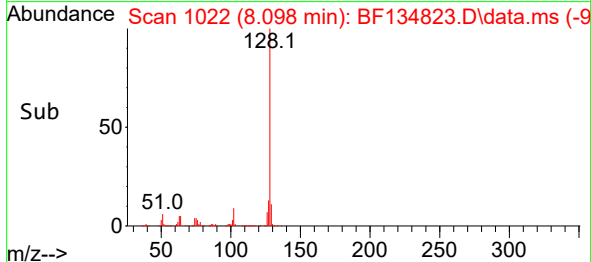
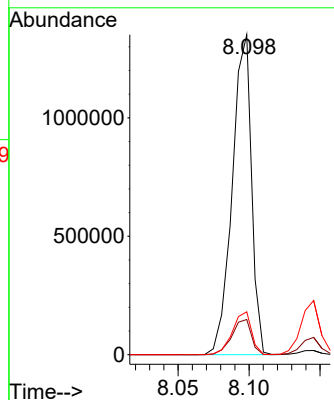
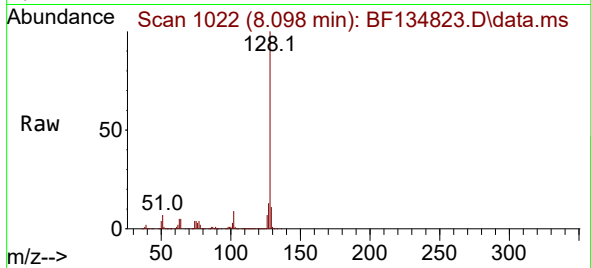




#31
Naphthalene
Concen: 45.930 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF134823.D
Acq: 17 Aug 2023 18:24

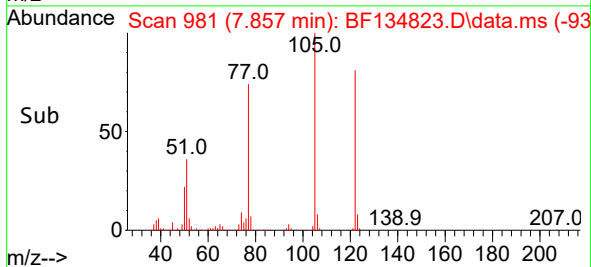
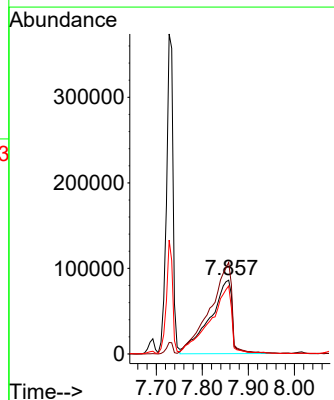
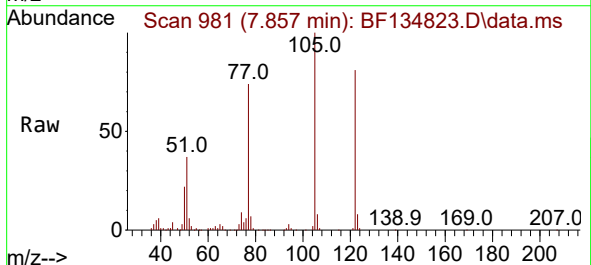
Instrument :
BNA_F
ClientSampleId :
E-4MSD

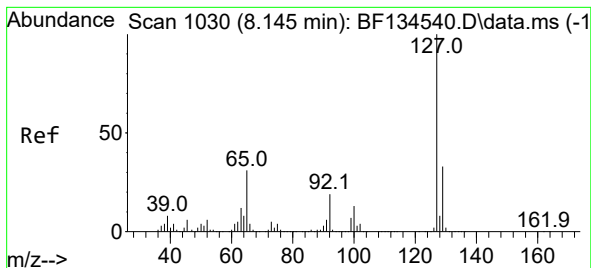
Tgt Ion:128 Resp: 1277272
Ion Ratio Lower Upper
128 100
129 11.0 8.4 12.6
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 51.095 ng
RT: 7.857 min Scan# 981
Delta R.T. -0.006 min
Lab File: BF134823.D
Acq: 17 Aug 2023 18:24

Tgt Ion:122 Resp: 290610
Ion Ratio Lower Upper
122 100
105 124.2 87.5 127.5
77 92.3 71.4 111.4





#33

4-Chloroaniline

Concen: 17.952 ng

RT: 8.145 min Scan# 1030

Delta R.T. -0.006 min

Lab File: BF134823.D

Acq: 17 Aug 2023 18:24

Instrument :

BNA_F

ClientSampleId :

E-4MSD

Tgt Ion:127 Resp: 222442

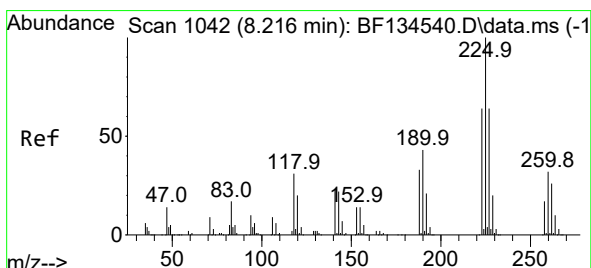
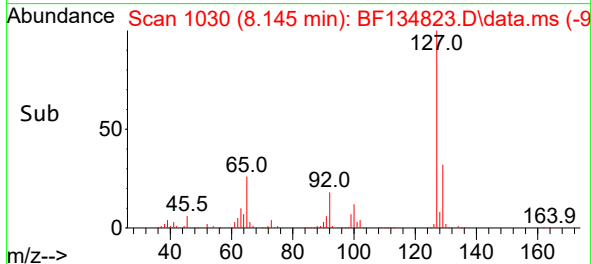
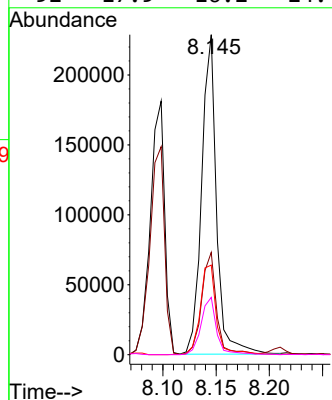
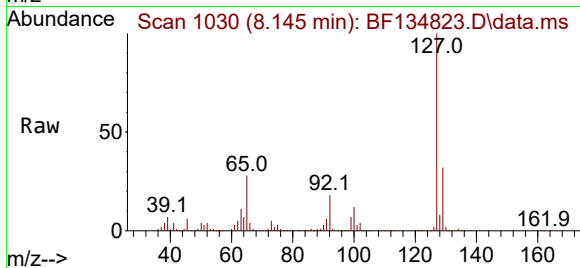
Ion Ratio Lower Upper

127 100

129 32.0 25.6 38.4

65 28.0 25.4 38.0

92 17.9 16.2 24.4



#34

Hexachlorobutadiene

Concen: 49.768 ng

RT: 8.210 min Scan# 1041

Delta R.T. -0.006 min

Lab File: BF134823.D

Acq: 17 Aug 2023 18:24

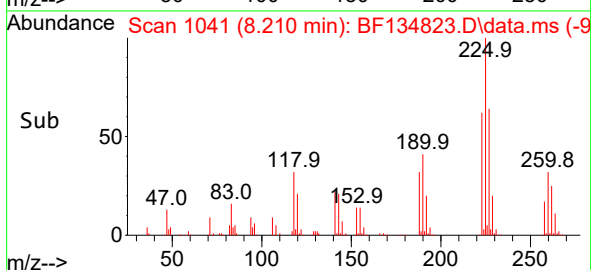
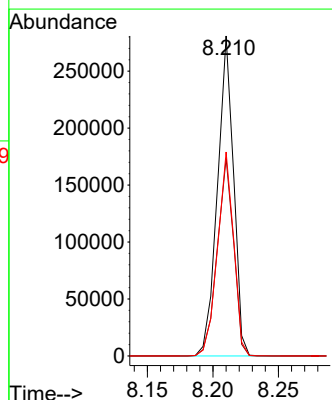
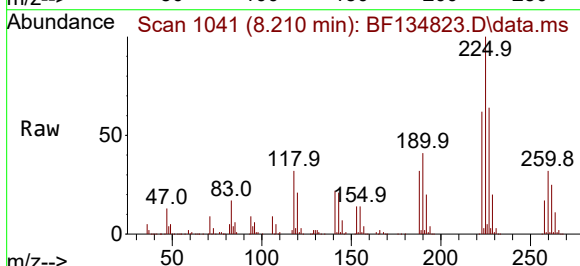
Tgt Ion:225 Resp: 239411

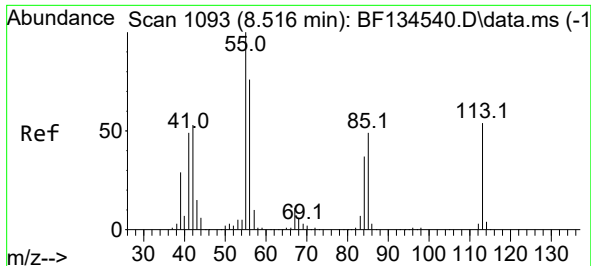
Ion Ratio Lower Upper

225 100

223 61.7 48.2 72.4

227 63.8 48.5 72.7

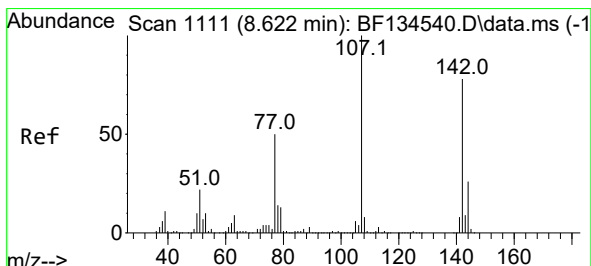
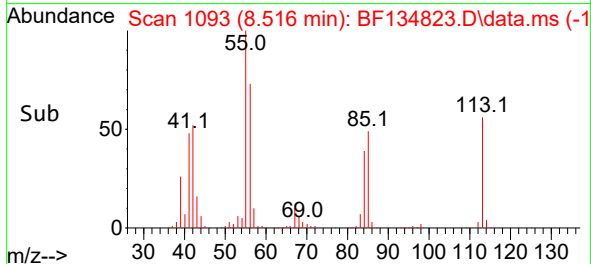
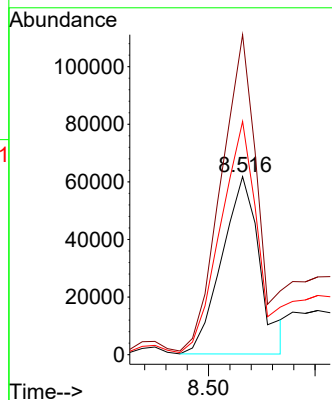
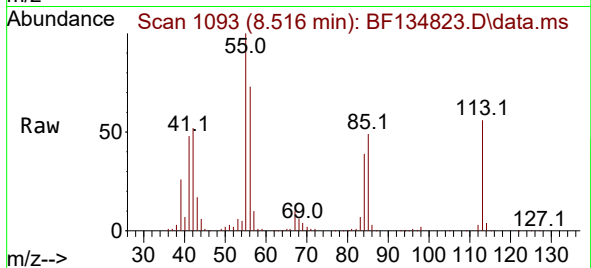




#35
 Caprolactam
 Concen: 30.116 ng
 RT: 8.516 min Scan# 1093
 Delta R.T. -0.017 min
 Lab File: BF134823.D
 Acq: 17 Aug 2023 18:24

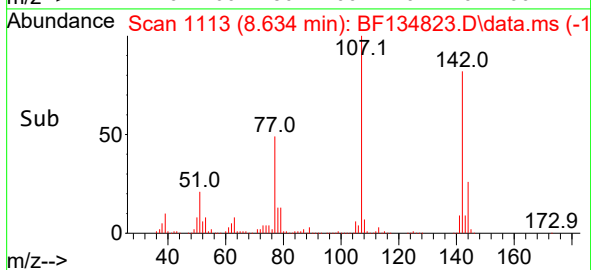
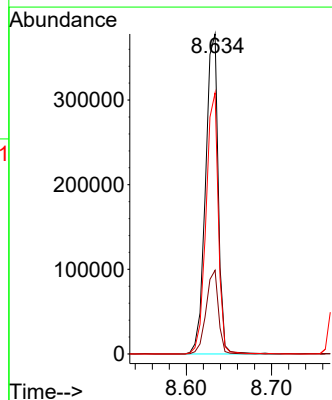
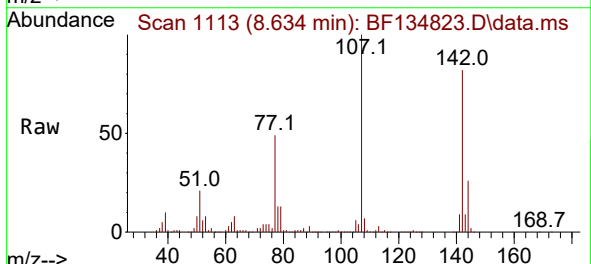
Instrument :
 BNA_F
 ClientSampleId :
 E-4MSD

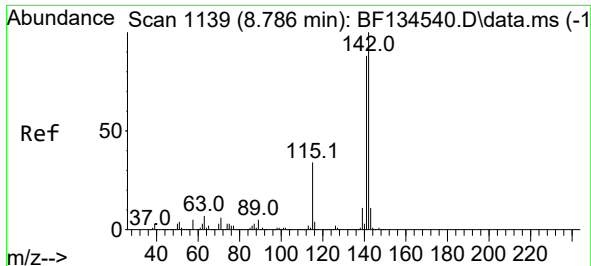
Tgt Ion:113 Resp: 75987
 Ion Ratio Lower Upper
 113 100
 55 179.6 161.5 201.5
 56 130.9 117.8 157.8



#36
 4-Chloro-3-methylphenol
 Concen: 46.980 ng
 RT: 8.634 min Scan# 1113
 Delta R.T. 0.000 min
 Lab File: BF134823.D
 Acq: 17 Aug 2023 18:24

Tgt Ion:107 Resp: 389111
 Ion Ratio Lower Upper
 107 100
 144 26.2 19.6 29.4
 142 81.6 57.7 86.5

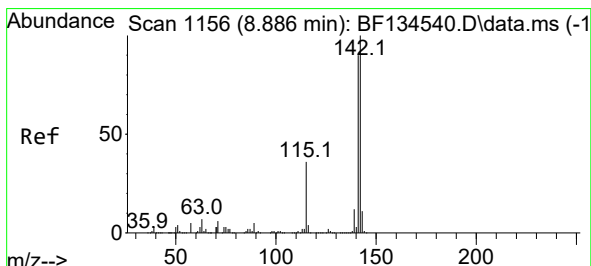
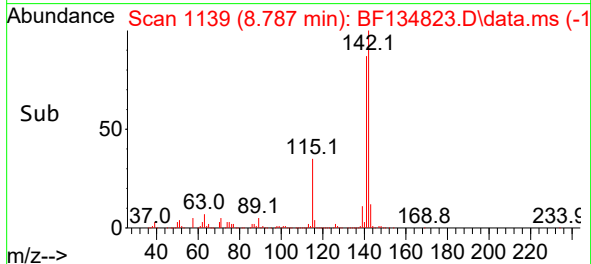
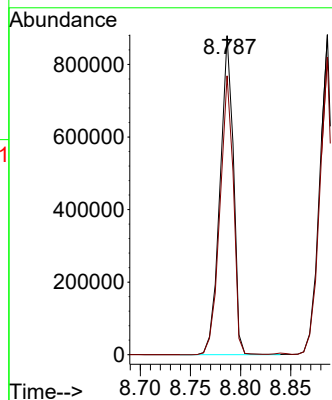
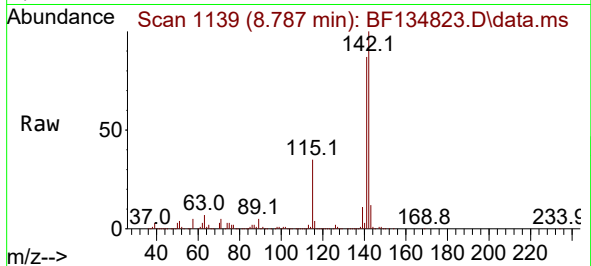




#37
2-Methylnaphthalene
Concen: 44.207 ng
RT: 8.787 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF134823.D
Acq: 17 Aug 2023 18:24

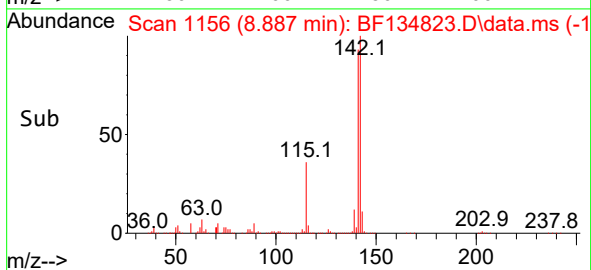
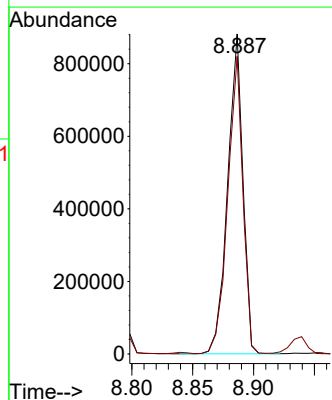
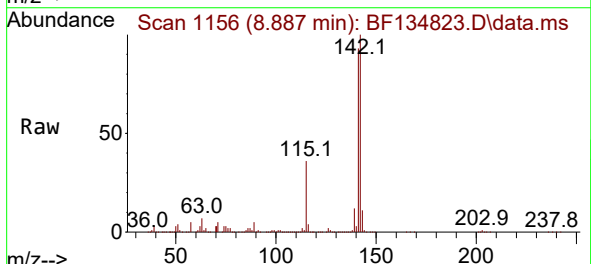
Instrument :
BNA_F
ClientSampleId :
E-4MSD

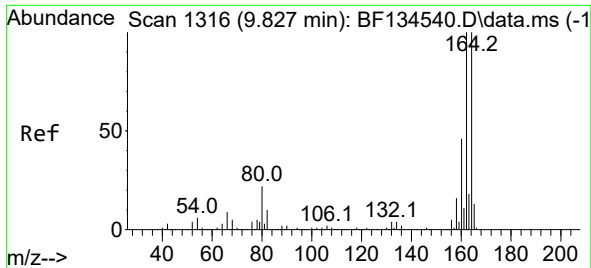
Tgt Ion:142 Resp: 814853
Ion Ratio Lower Upper
142 100
141 87.4 70.8 106.2



#38
1-Methylnaphthalene
Concen: 44.790 ng
RT: 8.887 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF134823.D
Acq: 17 Aug 2023 18:24

Tgt Ion:142 Resp: 767734
Ion Ratio Lower Upper
142 100
141 93.0 71.4 107.2

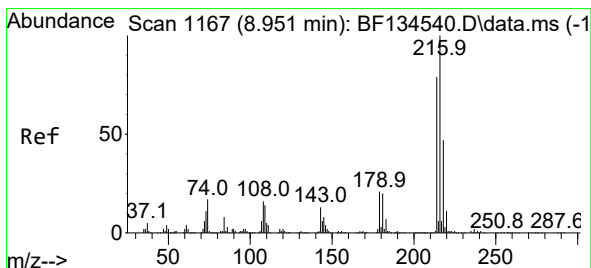
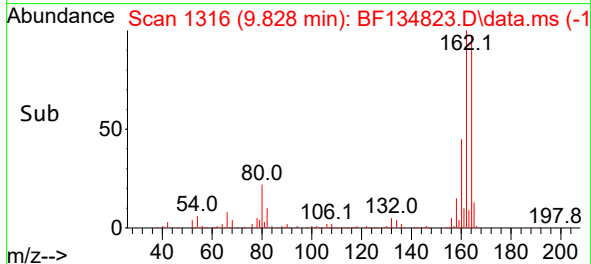
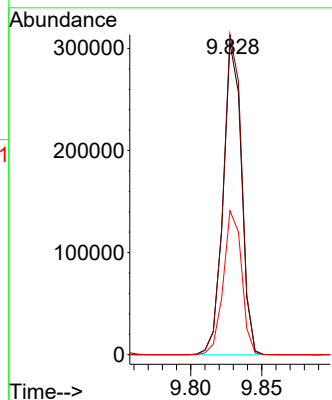
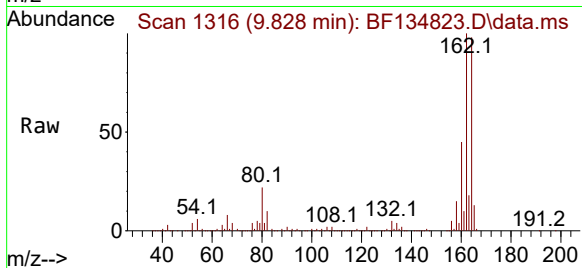




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF134823.D
Acq: 17 Aug 2023 18:24

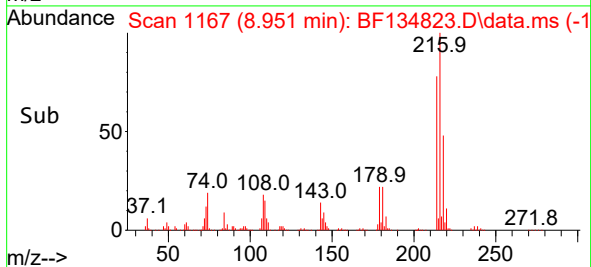
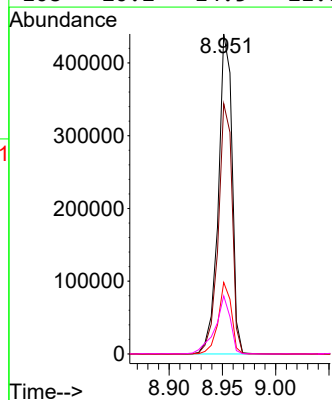
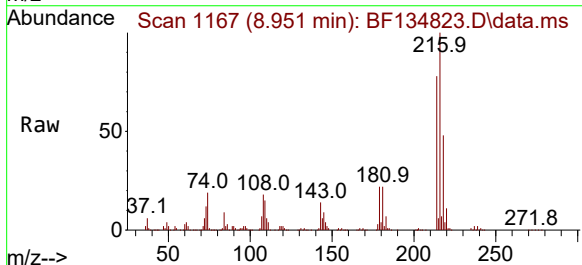
Instrument :
BNA_F
ClientSampleId :
E-4MSD

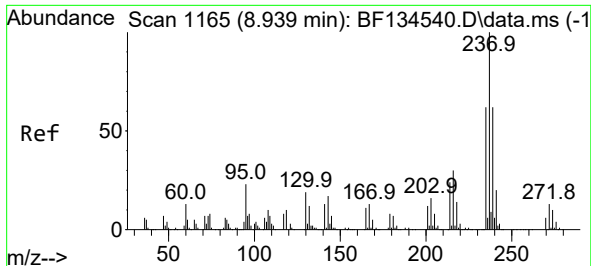
Tgt Ion:164 Resp: 272329
Ion Ratio Lower Upper
164 100
162 102.6 82.6 123.8
160 46.2 37.2 55.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.812 ng
RT: 8.951 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF134823.D
Acq: 17 Aug 2023 18:24

Tgt Ion:216 Resp: 394470
Ion Ratio Lower Upper
216 100
214 78.9 62.3 93.5
179 21.3 17.4 26.0
108 20.2 14.5 21.7

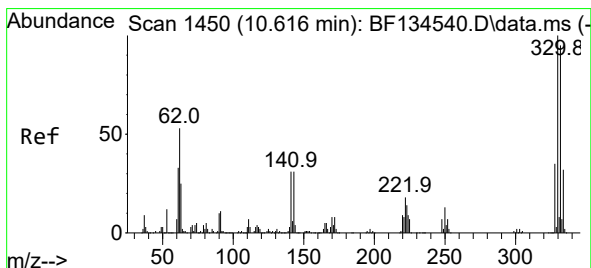
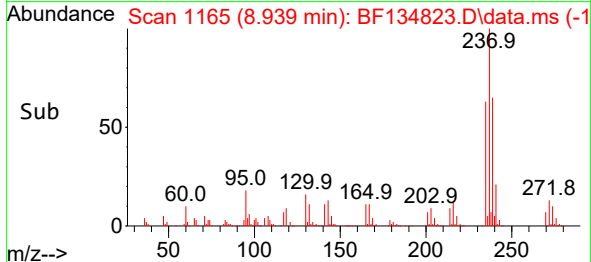
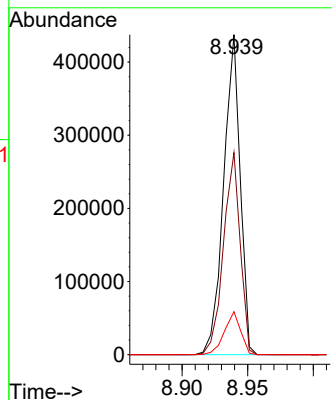
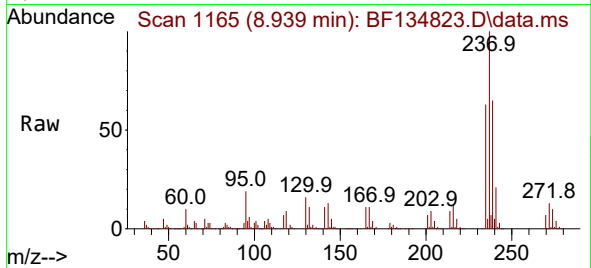




#41
Hexachlorocyclopentadiene
Concen: 99.415 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF134823.D
Acq: 17 Aug 2023 18:24

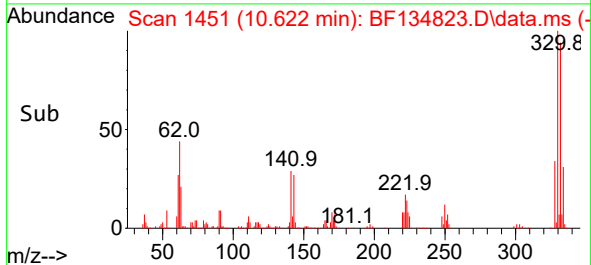
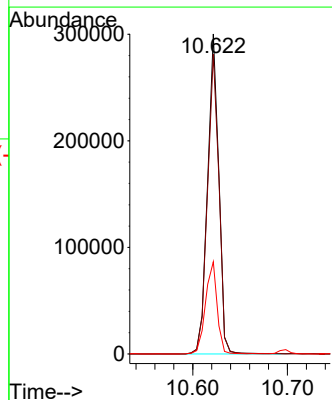
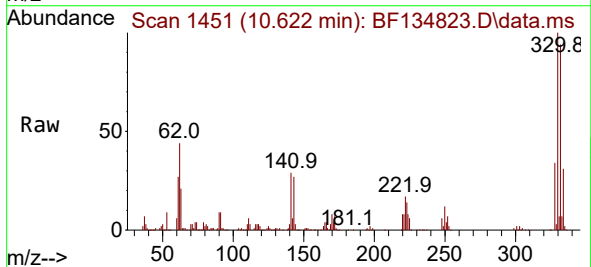
Instrument :
BNA_F
ClientSampleId :
E-4MSD

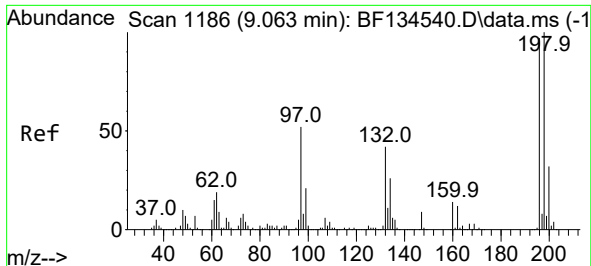
Tgt Ion:237 Resp: 382842
Ion Ratio Lower Upper
237 100
235 63.1 37.0 77.0
272 13.4 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 88.543 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF134823.D
Acq: 17 Aug 2023 18:24

Tgt Ion:330 Resp: 245808
Ion Ratio Lower Upper
330 100
332 95.7 78.8 118.2
141 29.9 25.4 38.2





#43

2,4,6-Trichlorophenol

Concen: 50.546 ng

RT: 9.063 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BF134823.D

Acq: 17 Aug 2023 18:24

Instrument :

BNA_F

ClientSampleId :

E-4MSD

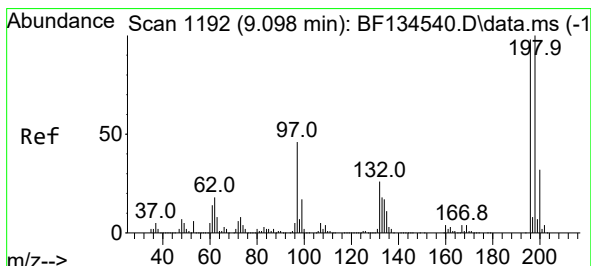
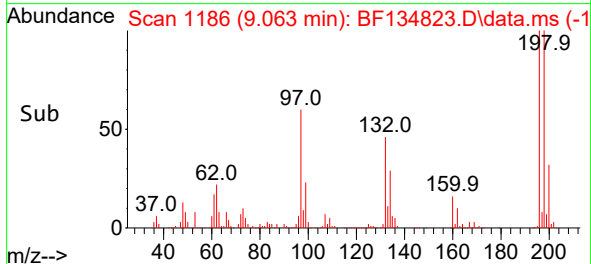
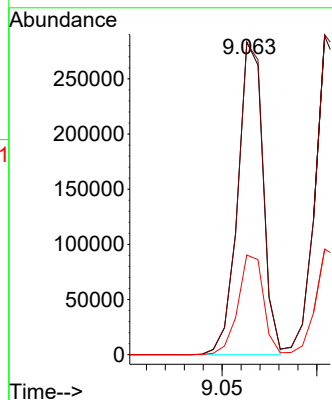
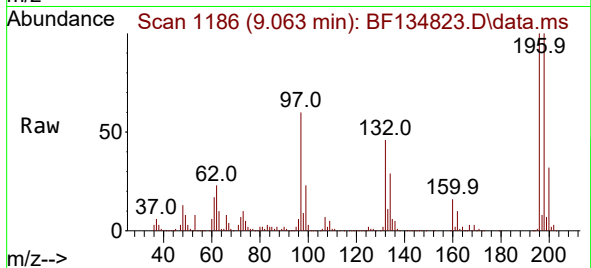
Tgt Ion:196 Resp: 261968

Ion Ratio Lower Upper

196 100

198 99.6 77.4 116.2

200 31.9 25.4 38.2



#44

2,4,5-Trichlorophenol

Concen: 46.524 ng

RT: 9.104 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF134823.D

Acq: 17 Aug 2023 18:24

Tgt Ion:196 Resp: 275579

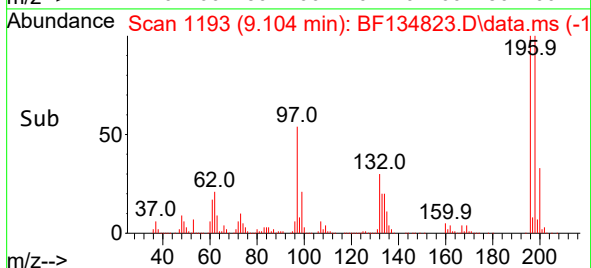
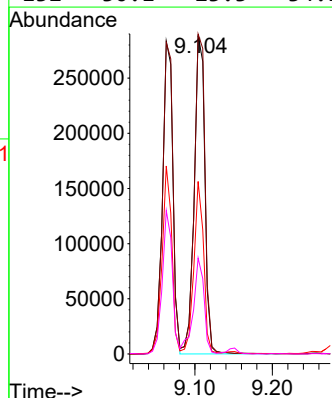
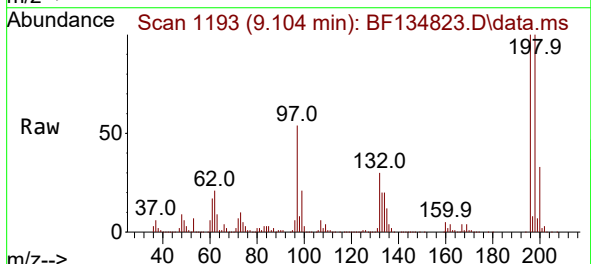
Ion Ratio Lower Upper

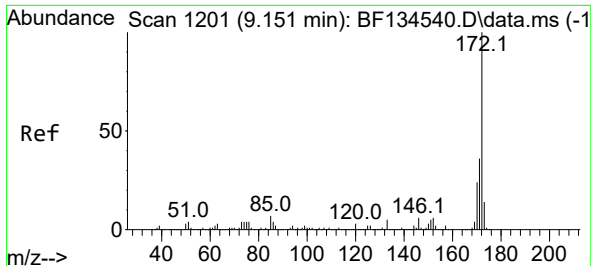
196 100

198 100.4 73.0 109.4

97 54.2 40.8 61.2

132 30.1 23.3 34.9

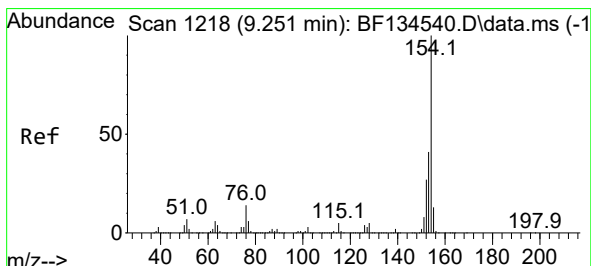
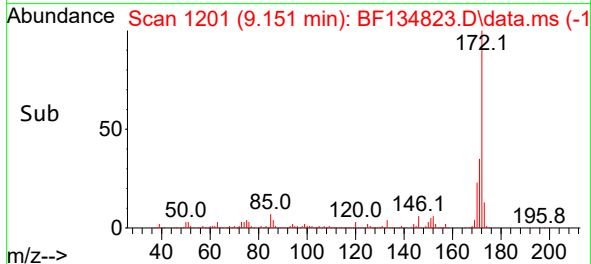
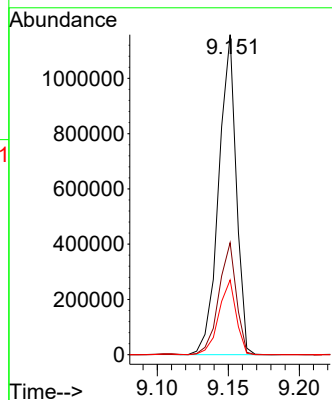
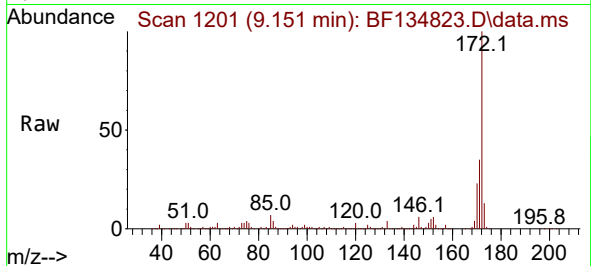




#45
2-Fluorobiphenyl
Concen: 60.578 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF134823.D
Acq: 17 Aug 2023 18:24

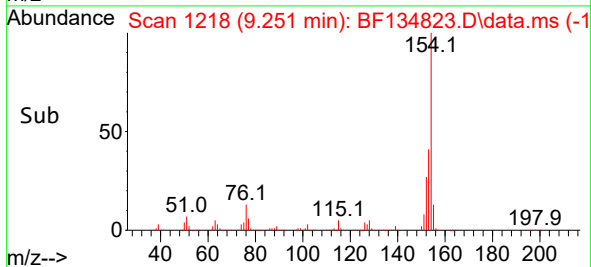
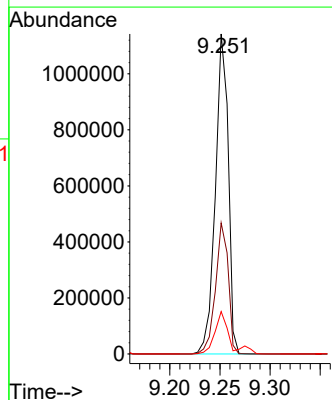
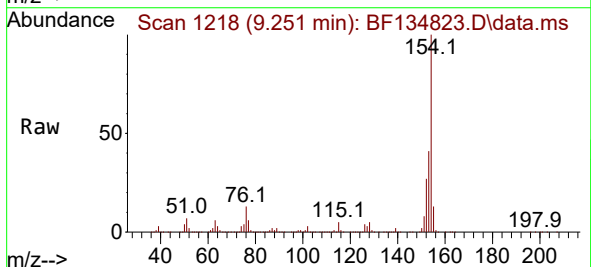
Instrument :
BNA_F
ClientSampleId :
E-4MSD

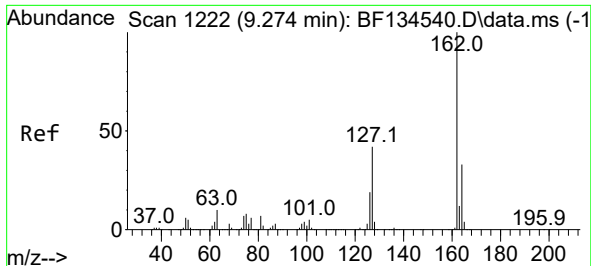
Tgt Ion:172 Resp: 992187
Ion Ratio Lower Upper
172 100
171 35.0 28.8 43.2
170 23.4 18.7 28.1



#46
1,1'-Biphenyl
Concen: 48.033 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF134823.D
Acq: 17 Aug 2023 18:24

Tgt Ion:154 Resp: 1017191
Ion Ratio Lower Upper
154 100
153 41.0 20.8 60.8
76 13.2 0.0 30.2

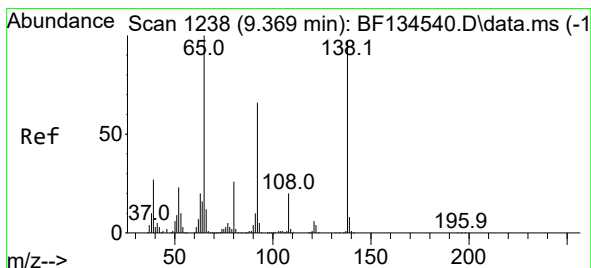
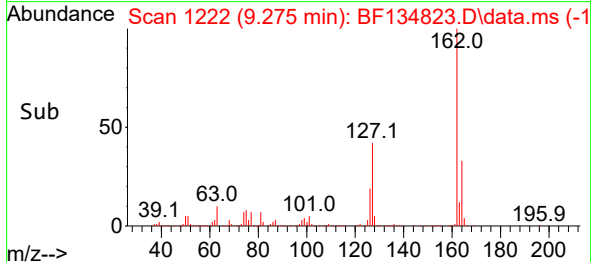
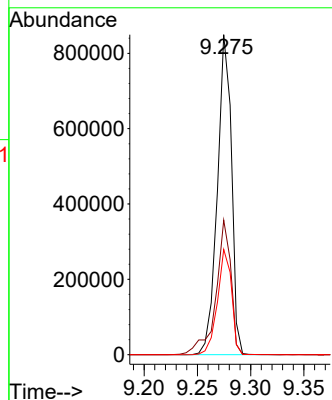
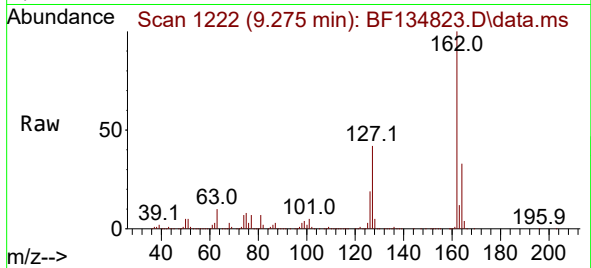




#47
2-Chloronaphthalene
Concen: 49.169 ng
RT: 9.275 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134823.D
Acq: 17 Aug 2023 18:24

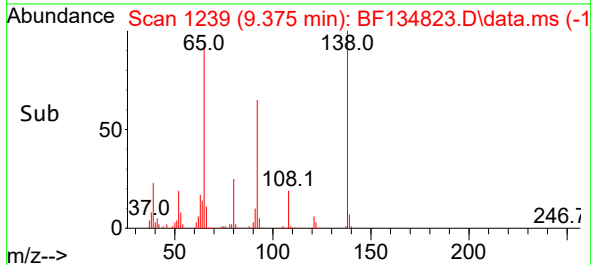
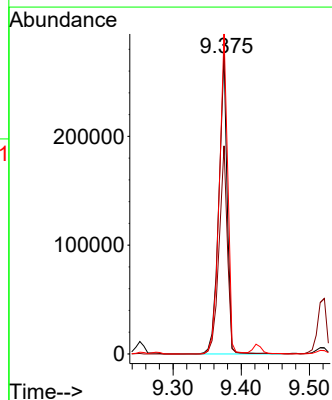
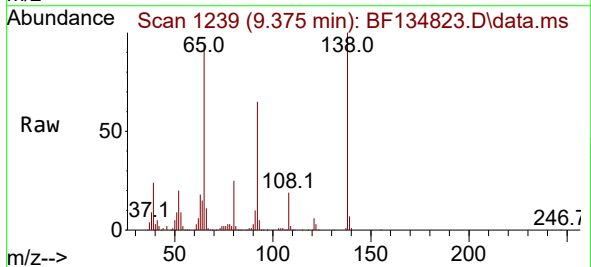
Instrument :
BNA_F
ClientSampleId :
E-4MSD

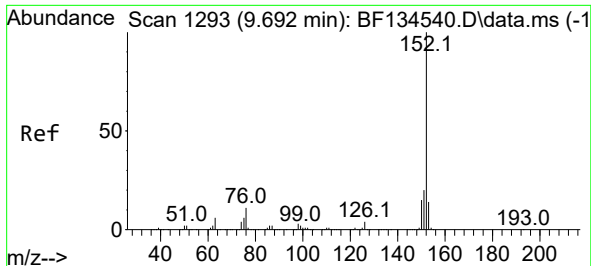
Tgt Ion:162 Resp: 780214
Ion Ratio Lower Upper
162 100
127 42.0 34.0 51.0
164 32.9 25.7 38.5



#48
2-Nitroaniline
Concen: 47.680 ng
RT: 9.375 min Scan# 1239
Delta R.T. -0.006 min
Lab File: BF134823.D
Acq: 17 Aug 2023 18:24

Tgt Ion: 65 Resp: 235764
Ion Ratio Lower Upper
65 100
92 69.3 50.7 76.1
138 106.6 78.2 117.4





#49

Acenaphthylene

Concen: 47.298 ng

RT: 9.692 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134823.D

Acq: 17 Aug 2023 18:24

Instrument :

BNA_F

ClientSampleId :

E-4MSD

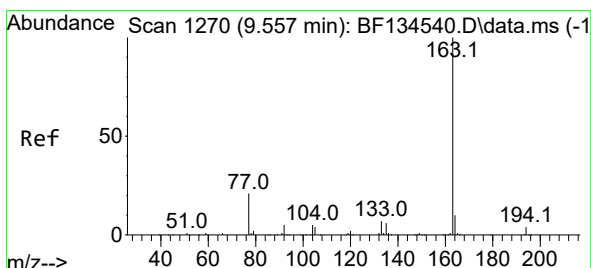
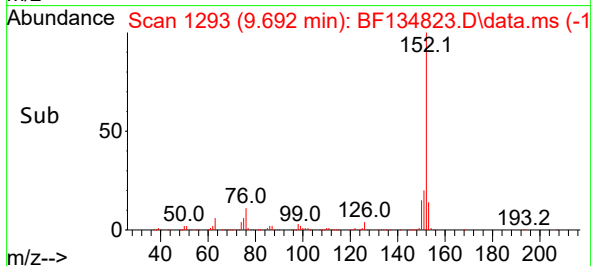
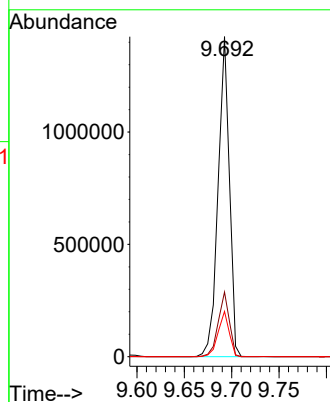
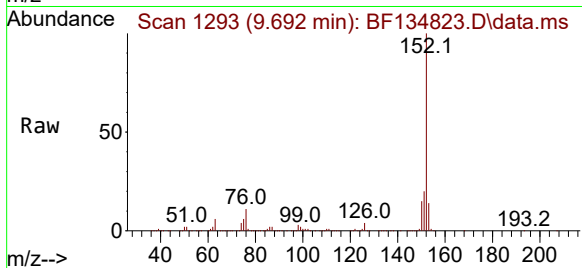
Tgt Ion:152 Resp: 1179748

Ion Ratio Lower Upper

152 100

151 20.2 16.4 24.6

153 14.1 10.9 16.3



#50

Dimethylphthalate

Concen: 47.501 ng

RT: 9.557 min Scan# 1270

Delta R.T. -0.012 min

Lab File: BF134823.D

Acq: 17 Aug 2023 18:24

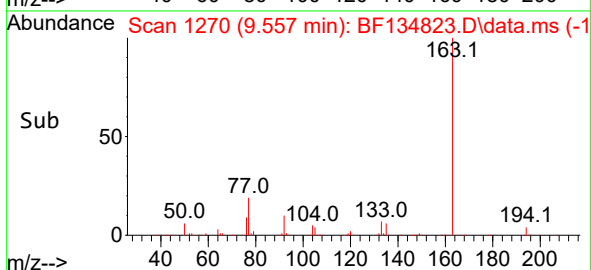
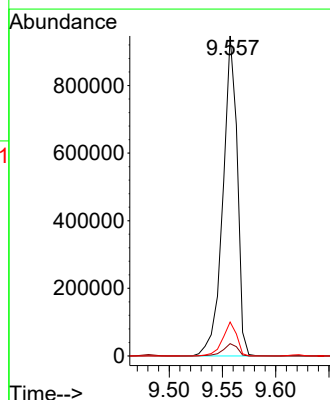
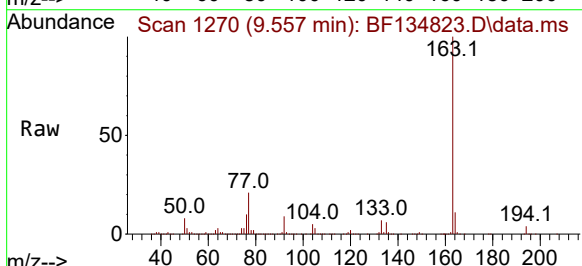
Tgt Ion:163 Resp: 881679

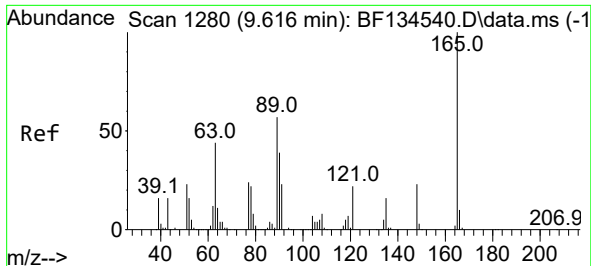
Ion Ratio Lower Upper

163 100

194 3.8 3.3 4.9

164 10.6 7.5 11.3





#51

2,6-Dinitrotoluene

Concen: 52.546 ng

RT: 9.622 min Scan# 1281

Delta R.T. -0.006 min

Lab File: BF134823.D

Acq: 17 Aug 2023 18:24

Instrument :

BNA_F

ClientSampleId :

E-4MSD

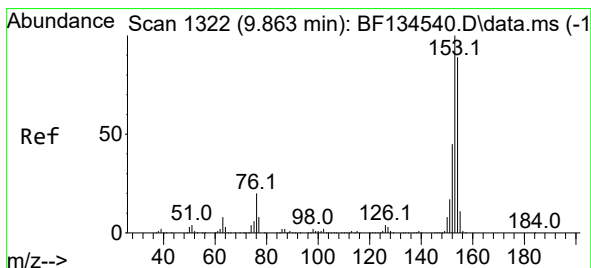
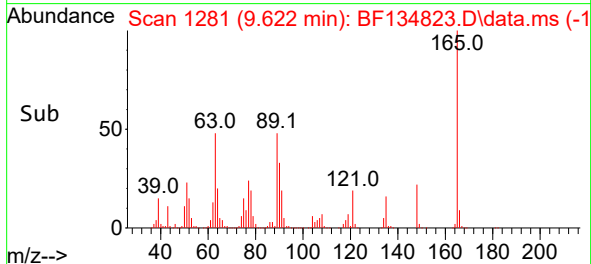
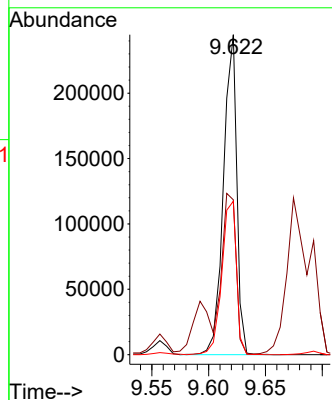
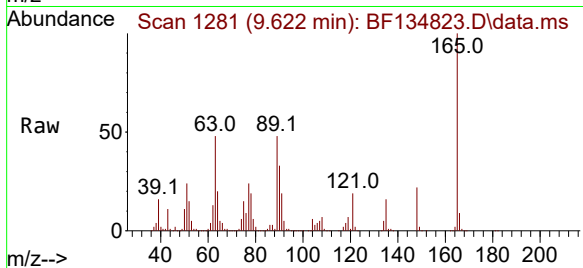
Tgt Ion:165 Resp: 200782

Ion Ratio Lower Upper

165 100

63 48.4 57.8 86.6#

89 48.0 51.8 77.8#



#52

Acenaphthene

Concen: 44.160 ng

RT: 9.863 min Scan# 1322

Delta R.T. -0.012 min

Lab File: BF134823.D

Acq: 17 Aug 2023 18:24

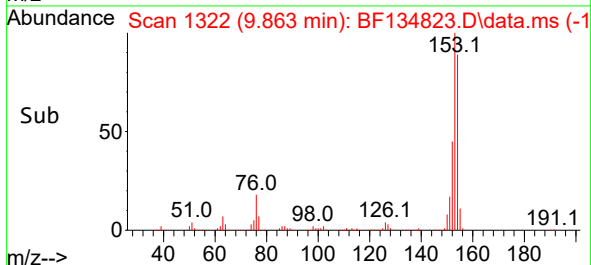
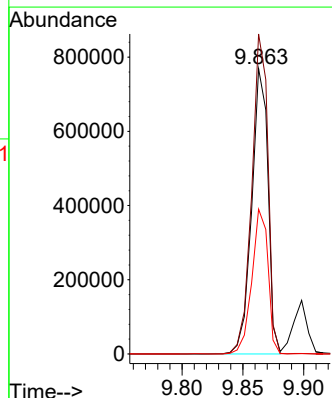
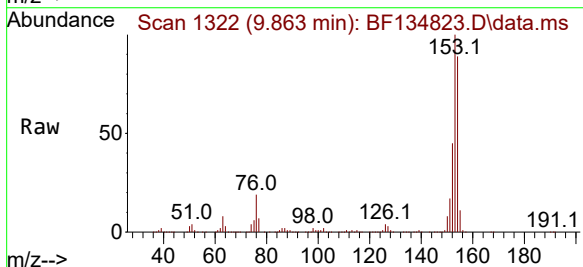
Tgt Ion:154 Resp: 713813

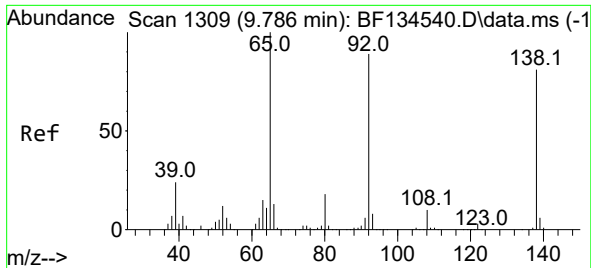
Ion Ratio Lower Upper

154 100

153 112.2 90.0 135.0

152 50.8 42.4 63.6

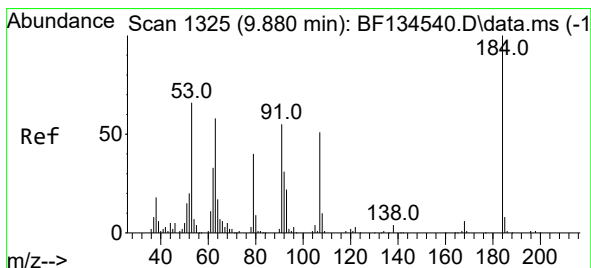
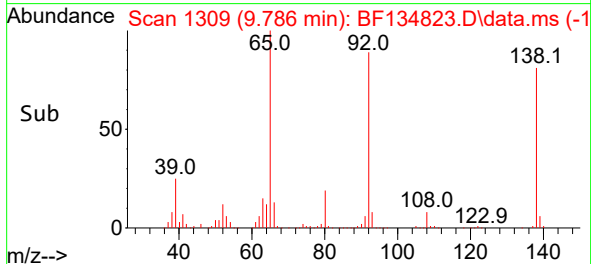
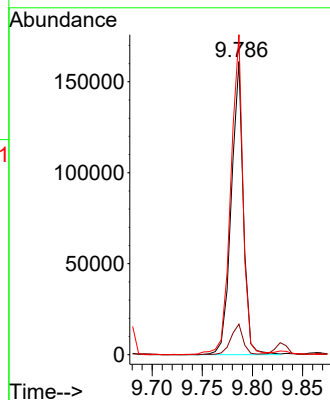
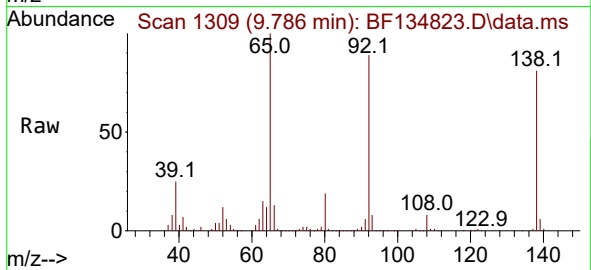




#53
3-Nitroaniline
Concen: 32.453 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134823.D
Acq: 17 Aug 2023 18:24

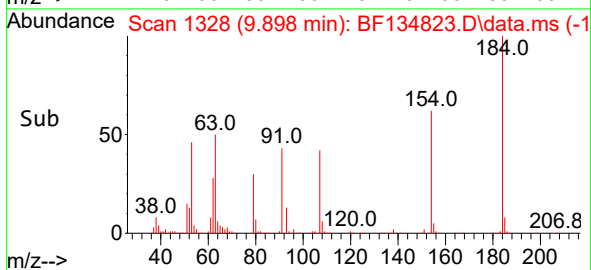
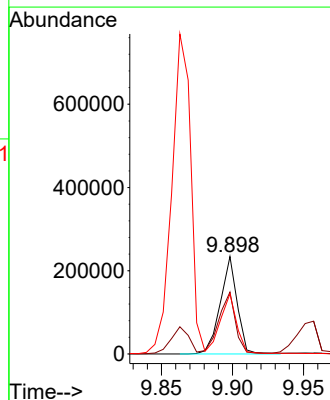
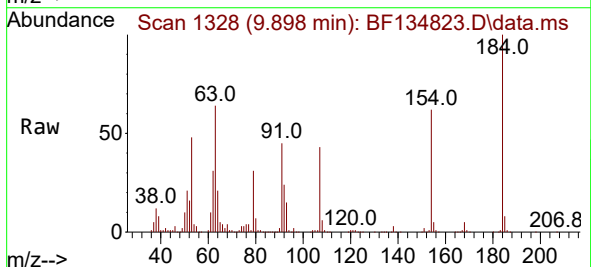
Instrument :
BNA_F
ClientSampleId :
E-4MSD

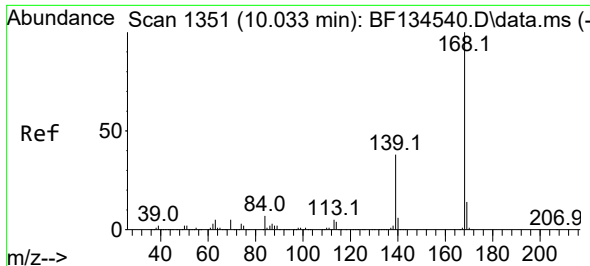
Tgt Ion:138 Resp: 134262
Ion Ratio Lower Upper
138 100
108 10.5 9.3 13.9
92 109.2 86.6 129.8



#54
2,4-Dinitrophenol
Concen: 110.661 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF134823.D
Acq: 17 Aug 2023 18:24

Tgt Ion:184 Resp: 194196
Ion Ratio Lower Upper
184 100
63 63.6 57.1 85.7
154 61.8 59.1 88.7

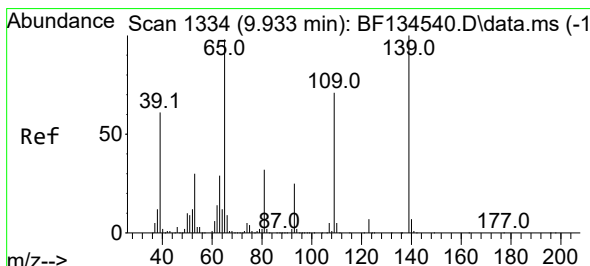
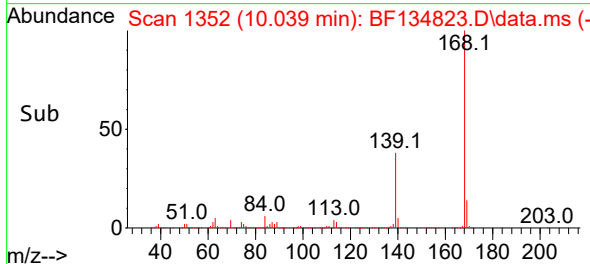
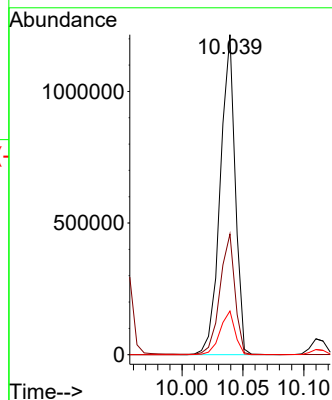
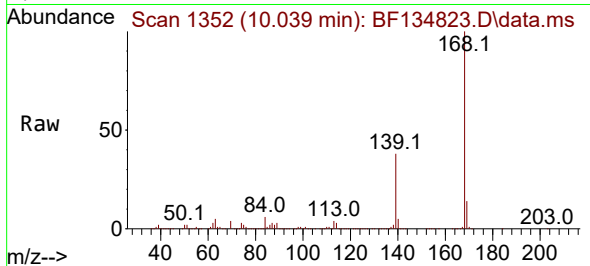




#55
Dibenzofuran
Concen: 45.302 ng
RT: 10.039 min Scan# 1351
Delta R.T. -0.006 min
Lab File: BF134823.D
Acq: 17 Aug 2023 18:24

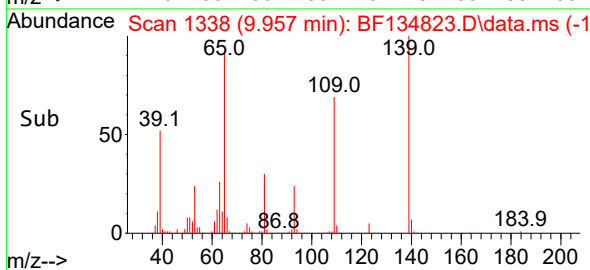
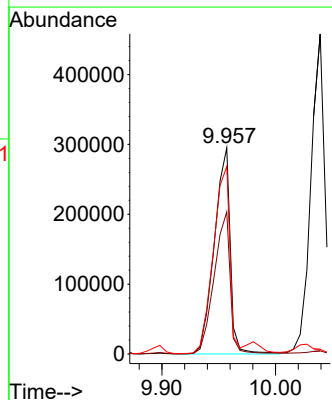
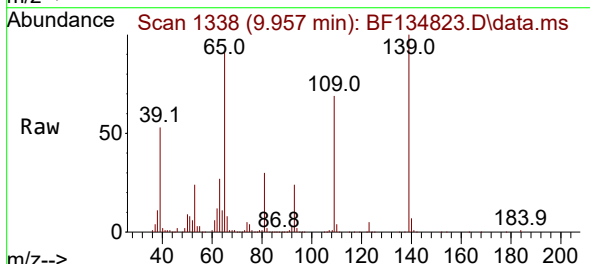
Instrument :
BNA_F
ClientSampleId :
E-4MSD

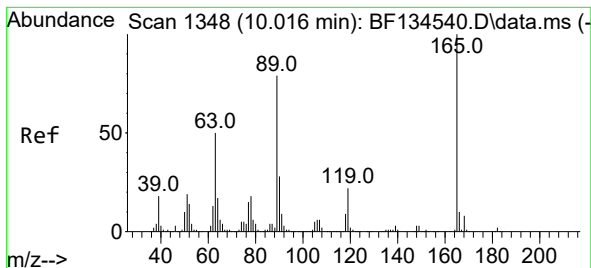
Tgt Ion:168 Resp: 1042421
Ion Ratio Lower Upper
168 100
139 37.7 33.4 50.2
169 13.6 10.6 15.8



#56
4-Nitrophenol
Concen: 85.036 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.006 min
Lab File: BF134823.D
Acq: 17 Aug 2023 18:24

Tgt Ion:139 Resp: 287731
Ion Ratio Lower Upper
139 100
109 69.0 76.9 116.9#
65 91.0 98.5 138.5#

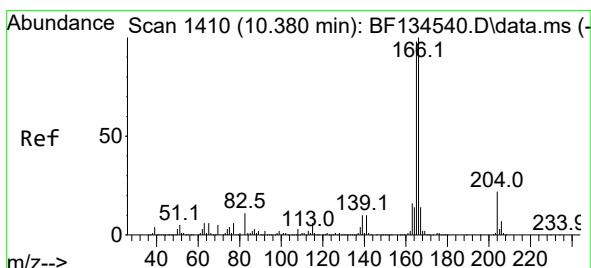
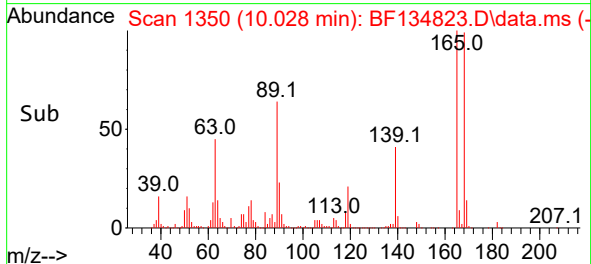
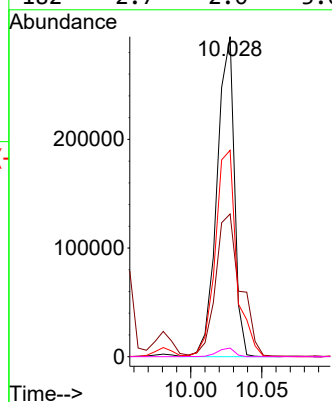
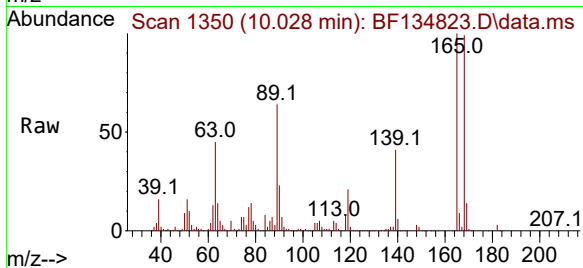




#57
2,4-Dinitrotoluene
Concen: 54.202 ng
RT: 10.028 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134823.D
Acq: 17 Aug 2023 18:24

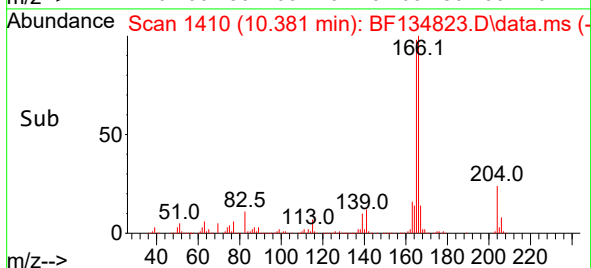
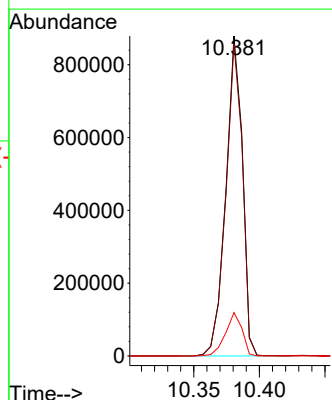
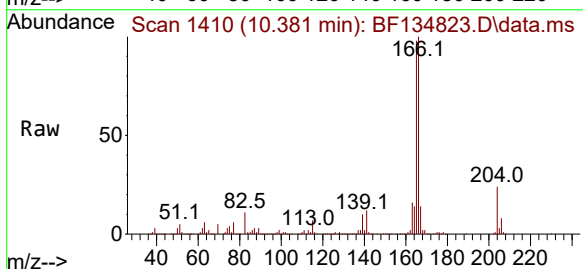
Instrument :
BNA_F
ClientSampleId :
E-4MSD

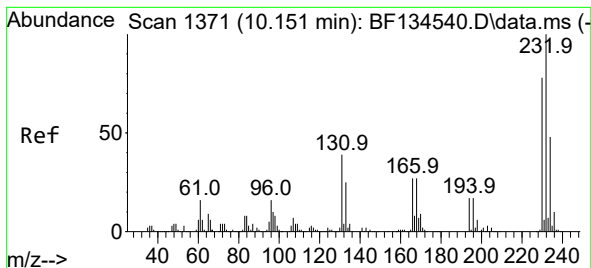
Tgt Ion:165 Resp: 250771
Ion Ratio Lower Upper
165 100
63 44.6 48.9 73.3#
89 64.5 61.7 92.5
182 2.7 2.0 3.0



#58
Fluorene
Concen: 46.132 ng
RT: 10.381 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF134823.D
Acq: 17 Aug 2023 18:24

Tgt Ion:166 Resp: 773188
Ion Ratio Lower Upper
166 100
165 97.6 74.5 111.7
167 13.5 10.6 16.0

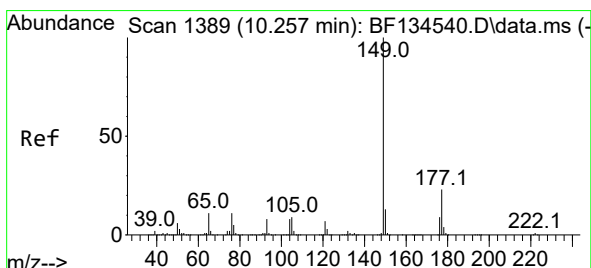
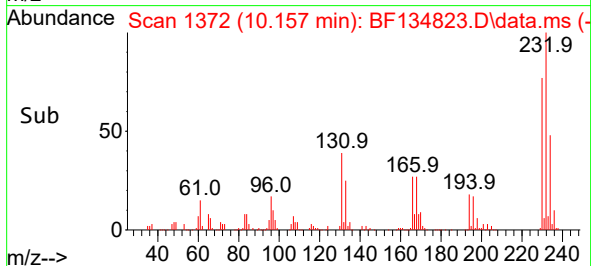
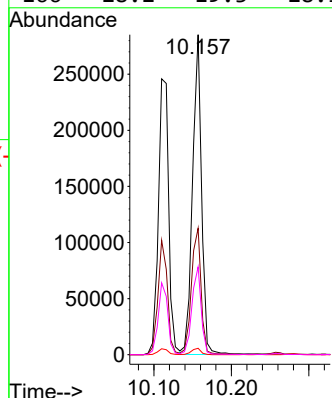
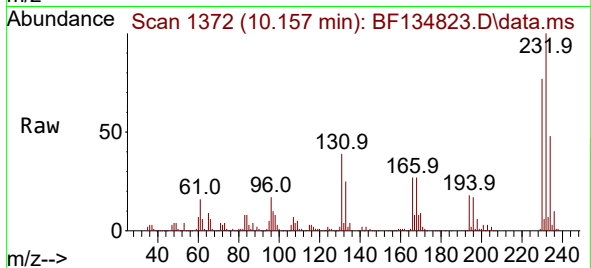




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.204 ng
RT: 10.157 min Scan# 1371
Delta R.T. 0.000 min
Lab File: BF134823.D
Acq: 17 Aug 2023 18:24

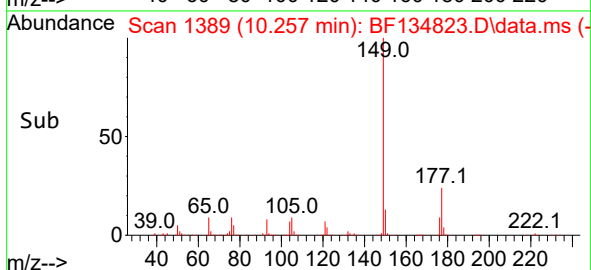
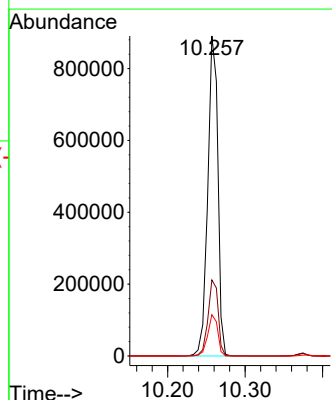
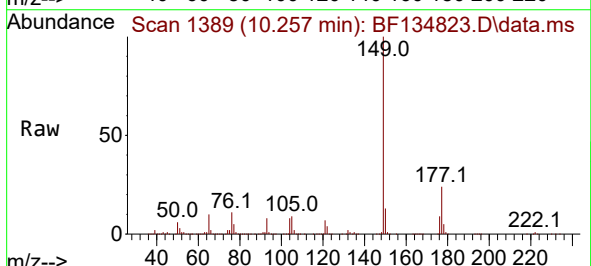
Instrument :
BNA_F
ClientSampleId :
E-4MSD

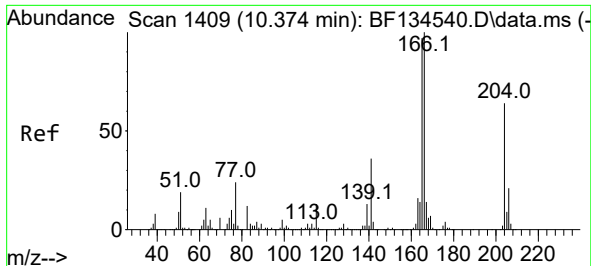
Tgt Ion:232 Resp: 230584
Ion Ratio Lower Upper
232 100
131 42.3 33.4 50.0
130 2.1 1.8 2.6
166 28.2 19.3 28.9



#60
Diethylphthalate
Concen: 45.868 ng
RT: 10.257 min Scan# 1389
Delta R.T. -0.012 min
Lab File: BF134823.D
Acq: 17 Aug 2023 18:24

Tgt Ion:149 Resp: 806979
Ion Ratio Lower Upper
149 100
177 23.8 17.0 25.4
150 12.9 9.9 14.9

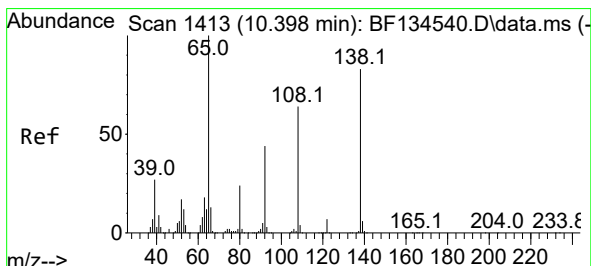
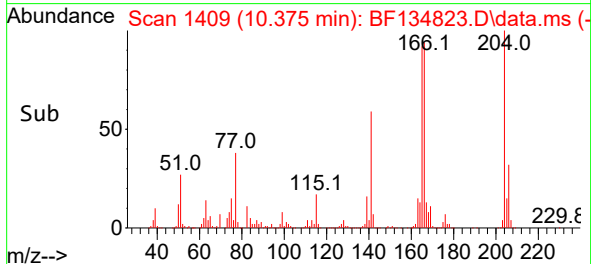
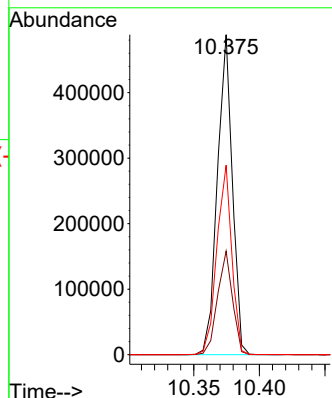
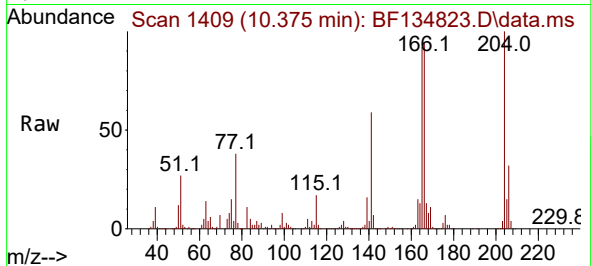




#61
4-Chlorophenyl-phenylether
Concen: 46.946 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF134823.D
Acq: 17 Aug 2023 18:24

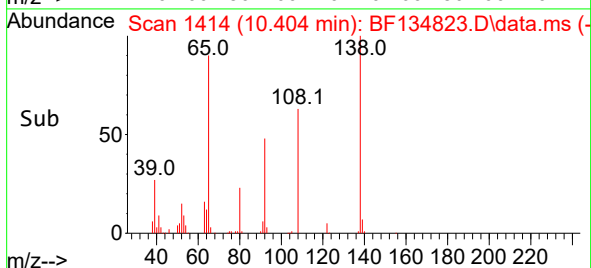
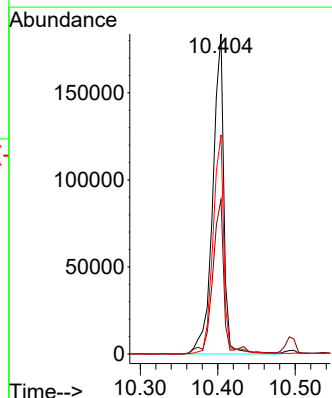
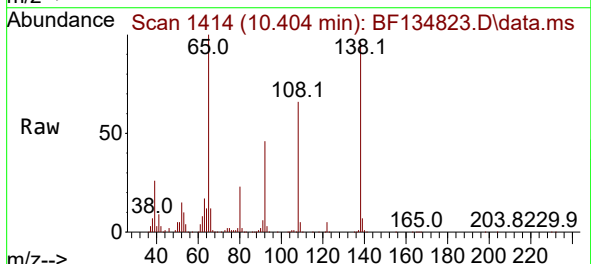
Instrument :
BNA_F
ClientSampleId :
E-4MSD

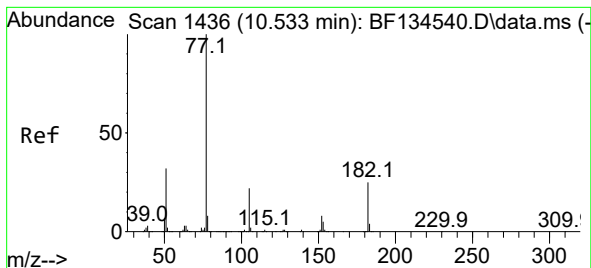
Tgt Ion:204 Resp: 386753
Ion Ratio Lower Upper
204 100
206 32.4 26.0 39.0
141 59.2 52.2 78.4



#62
4-Nitroaniline
Concen: 45.394 ng
RT: 10.404 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF134823.D
Acq: 17 Aug 2023 18:24

Tgt Ion:138 Resp: 184071
Ion Ratio Lower Upper
138 100
92 48.3 27.0 67.0
108 68.4 70.4 110.4#

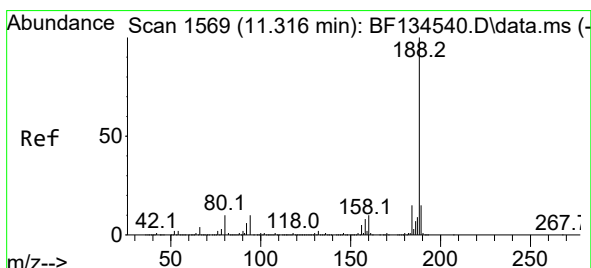
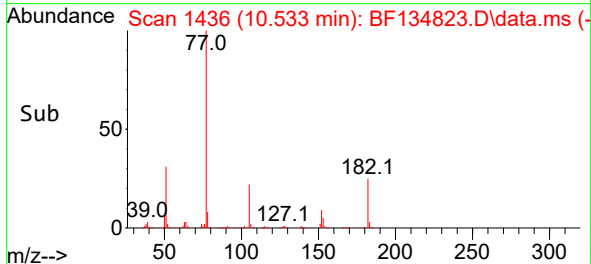
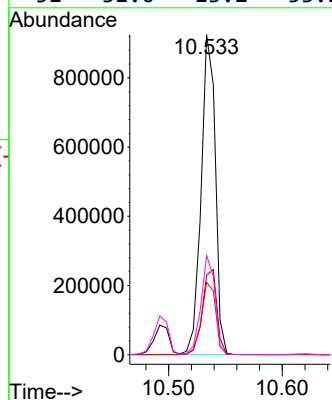
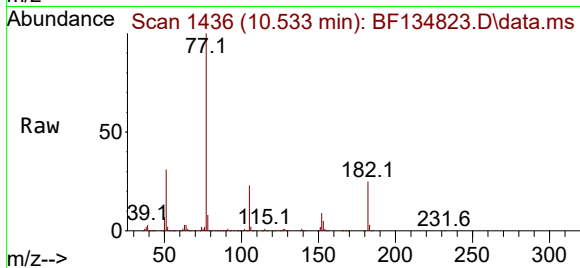




#63
 Azobenzene
 Concen: 42.494 ng
 RT: 10.533 min Scan# 1436
 Delta R.T. -0.006 min
 Lab File: BF134823.D
 Acq: 17 Aug 2023 18:24

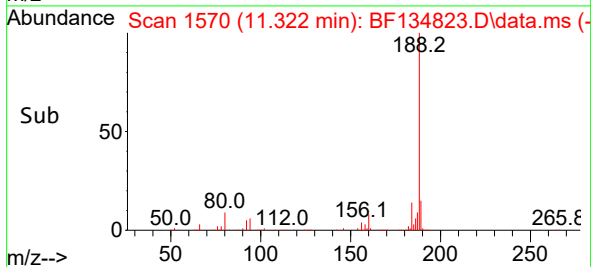
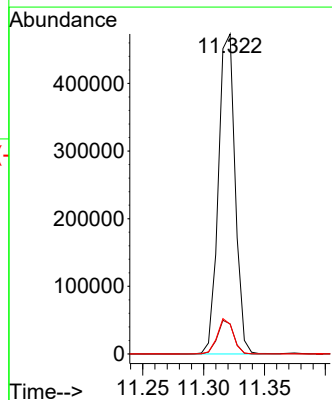
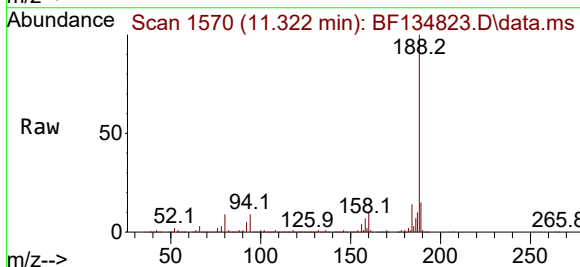
Instrument :
 BNA_F
 ClientSampleId :
 E-4MSD

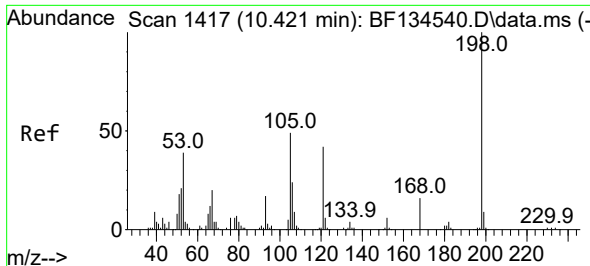
Tgt Ion: 77	Resp: 803244
Ion Ratio	Lower Upper
77 100	
182 24.8	7.5 47.5
105 22.6	1.9 41.9
51 31.0	13.2 53.2



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.322 min Scan# 1570
 Delta R.T. 0.000 min
 Lab File: BF134823.D
 Acq: 17 Aug 2023 18:24

Tgt Ion:188	Resp: 454078
Ion Ratio	Lower Upper
188 100	
94 9.4	5.1 7.7#
80 9.3	6.6 9.8

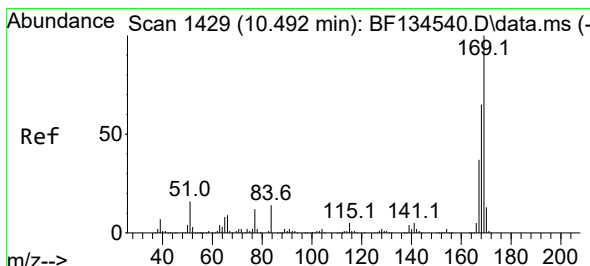
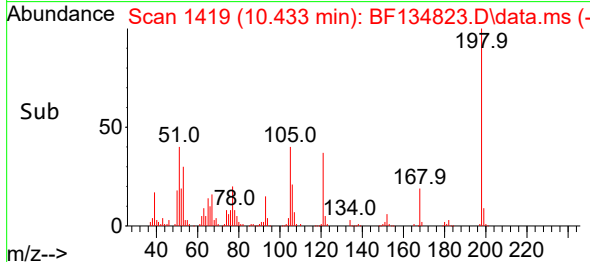
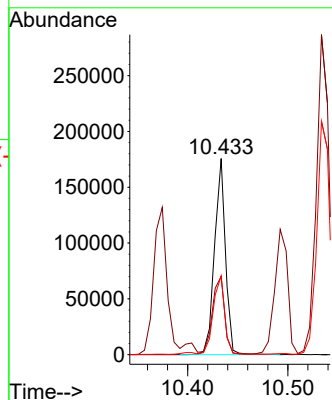
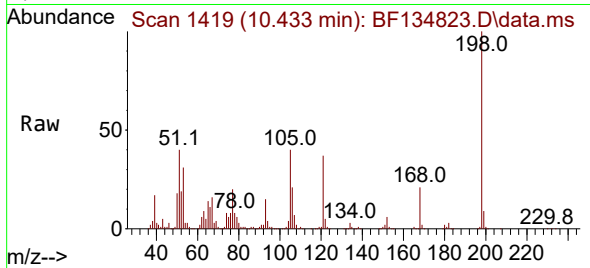




#65
4,6-Dinitro-2-methylphenol
Concen: 68.419 ng
RT: 10.433 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF134823.D
Acq: 17 Aug 2023 18:24

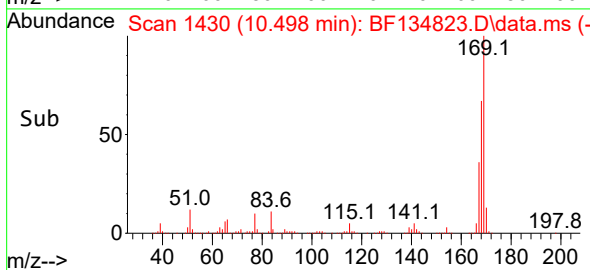
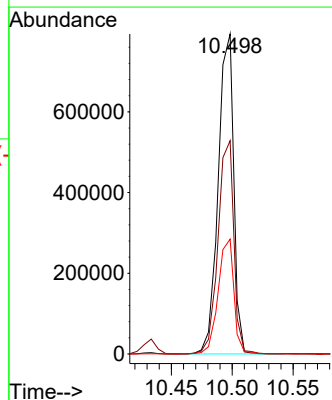
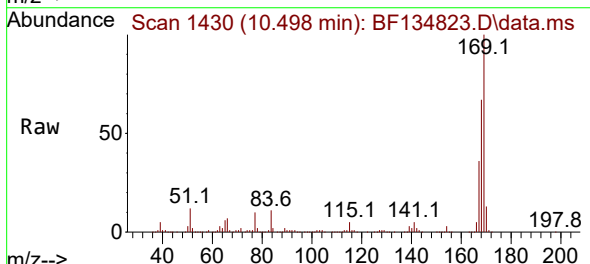
Instrument :
BNA_F
ClientSampleId :
E-4MSD

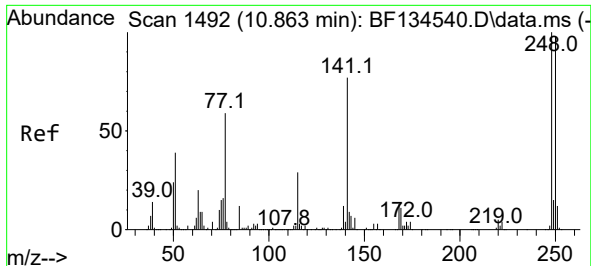
Tgt Ion:198 Resp: 133864
Ion Ratio Lower Upper
198 100
51 39.9 38.6 78.6
105 40.2 27.9 67.9



#66
n-Nitrosodiphenylamine
Concen: 48.678 ng
RT: 10.498 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF134823.D
Acq: 17 Aug 2023 18:24

Tgt Ion:169 Resp: 703535
Ion Ratio Lower Upper
169 100
168 66.7 52.6 78.8
167 35.9 29.8 44.8

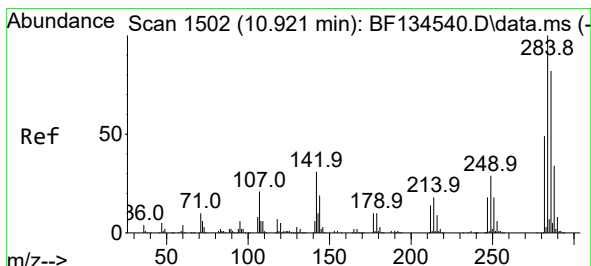
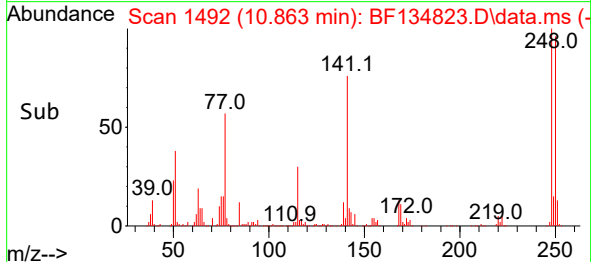
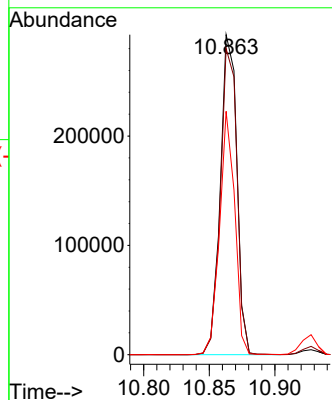
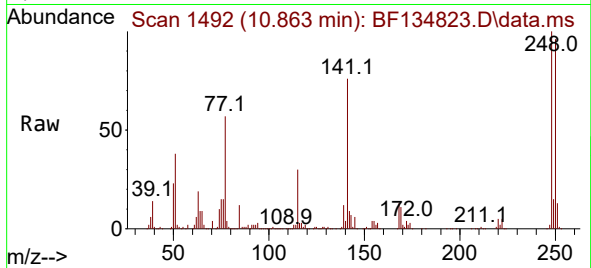




#67
4-Bromophenyl-phenylether
Concen: 51.521 ng
RT: 10.863 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF134823.D
Acq: 17 Aug 2023 18:24

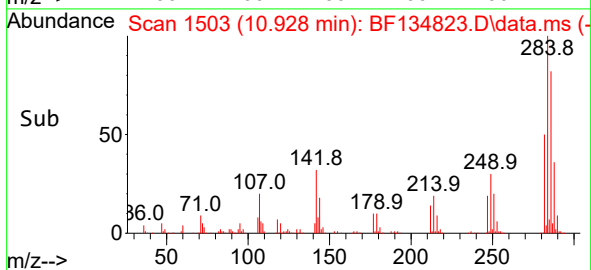
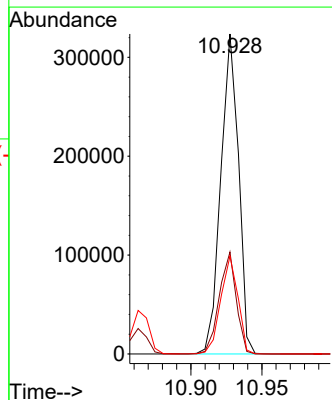
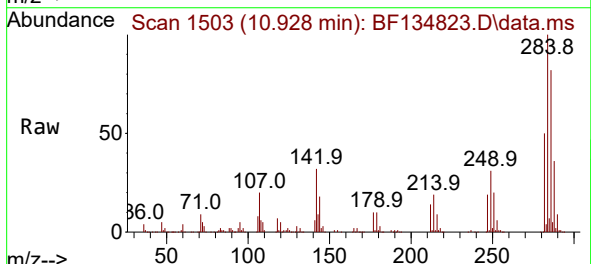
Instrument :
BNA_F
ClientSampleId :
E-4MSD

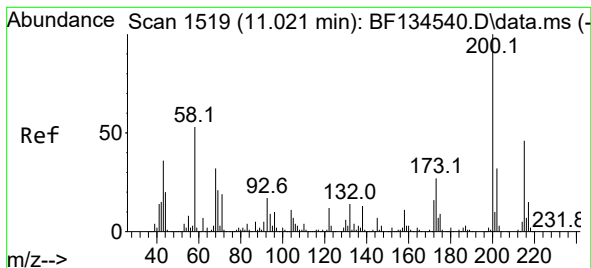
Tgt Ion:248 Resp: 256097
Ion Ratio Lower Upper
248 100
250 95.6 79.6 119.4
141 76.0 59.6 89.4



#68
Hexachlorobenzene
Concen: 53.354 ng
RT: 10.928 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF134823.D
Acq: 17 Aug 2023 18:24

Tgt Ion:284 Resp: 280053
Ion Ratio Lower Upper
284 100
142 31.9 26.5 39.7
249 30.5 23.8 35.8





#69

Atrazine

Concen: 56.745 ng

RT: 11.028 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134823.D

Acq: 17 Aug 2023 18:24

Instrument :

BNA_F

ClientSampleId :

E-4MSD

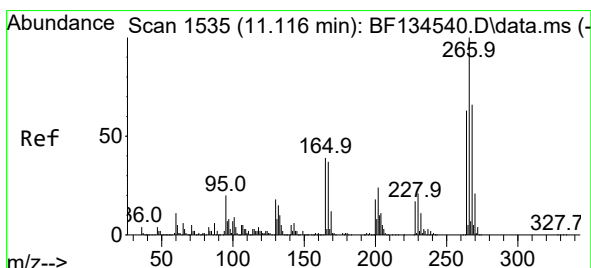
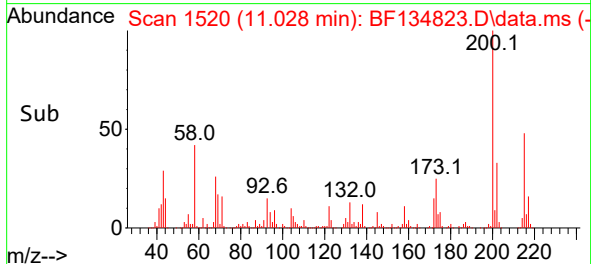
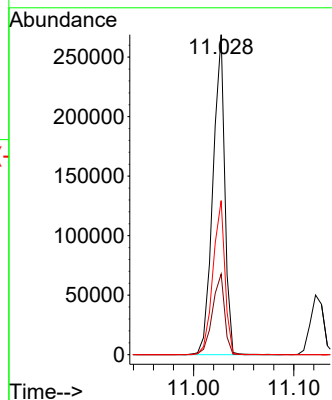
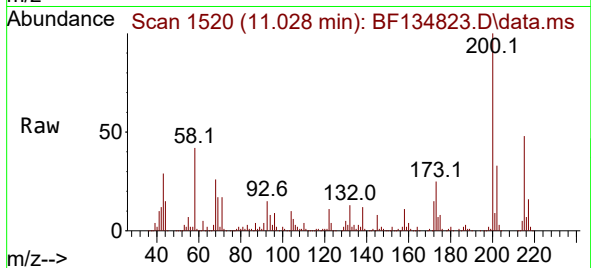
Tgt Ion:200 Resp: 221053

Ion Ratio Lower Upper

200 100

173 25.2 6.1 46.1

215 48.1 29.7 69.7



#70

Pentachlorophenol

Concen: 76.708 ng

RT: 11.122 min Scan# 1536

Delta R.T. -0.006 min

Lab File: BF134823.D

Acq: 17 Aug 2023 18:24

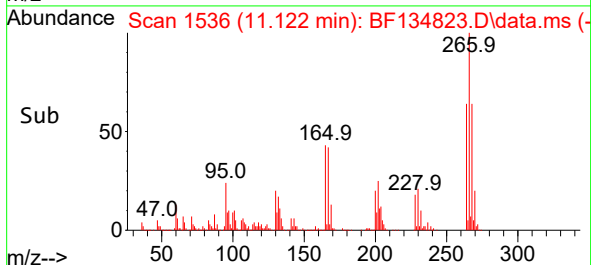
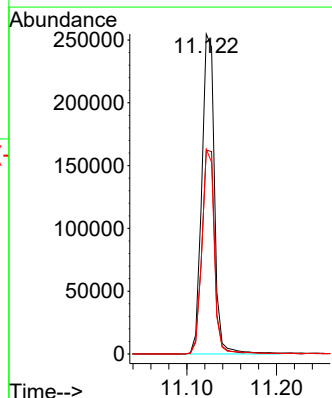
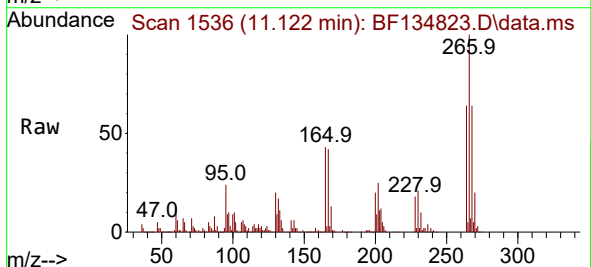
Tgt Ion:266 Resp: 249302

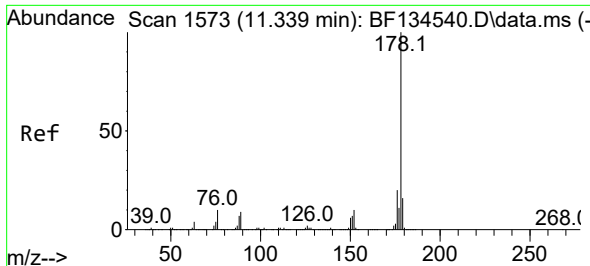
Ion Ratio Lower Upper

266 100

268 63.7 52.9 79.3

264 64.0 47.8 71.6

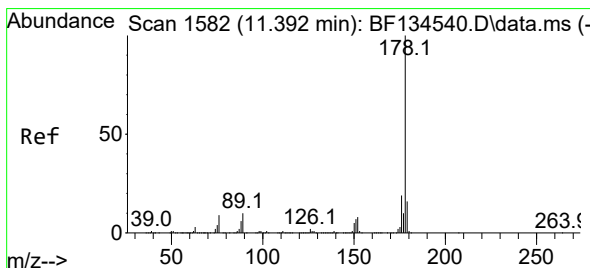
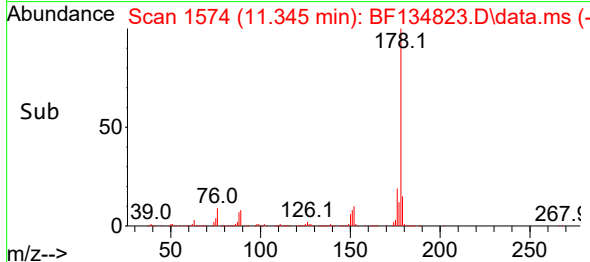
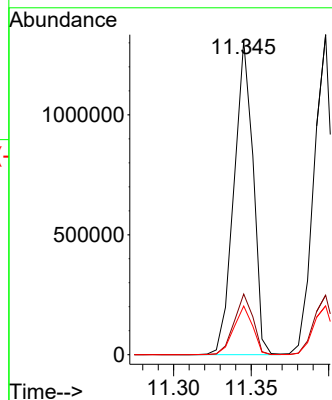
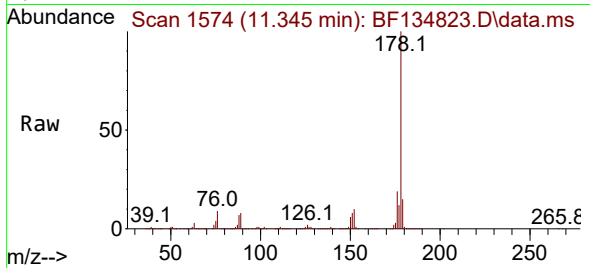




#71
Phenanthrene
Concen: 46.462 ng
RT: 11.345 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF134823.D
Acq: 17 Aug 2023 18:24

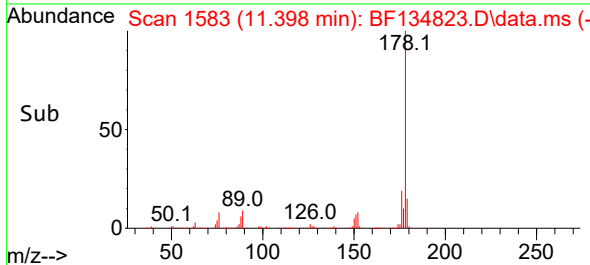
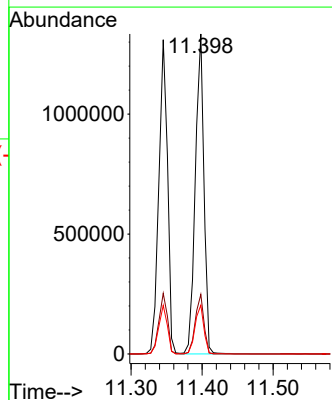
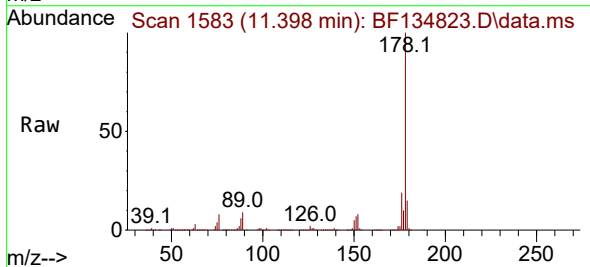
Instrument :
BNA_F
ClientSampleId :
E-4MSD

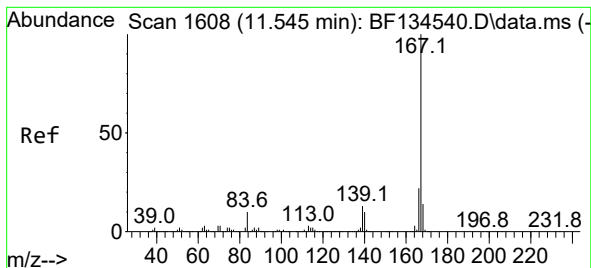
Tgt Ion:178 Resp: 1120596
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.6
179 15.5 12.7 19.1



#72
Anthracene
Concen: 45.948 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF134823.D
Acq: 17 Aug 2023 18:24

Tgt Ion:178 Resp: 1131988
Ion Ratio Lower Upper
178 100
176 18.6 14.6 21.8
179 15.2 12.3 18.5





#73

Carbazole

Concen: 40.897 ng

RT: 11.551 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134823.D

Acq: 17 Aug 2023 18:24

Instrument :

BNA_F

ClientSampleId :

E-4MSD

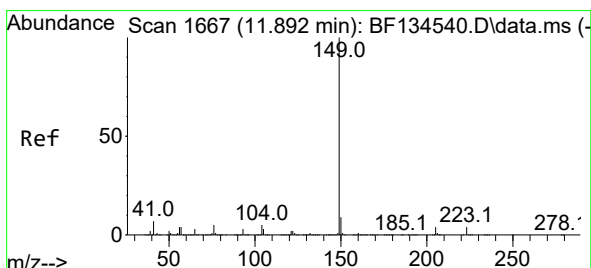
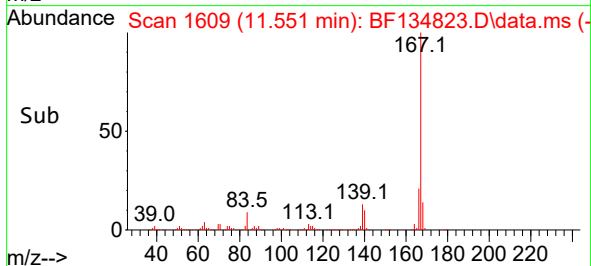
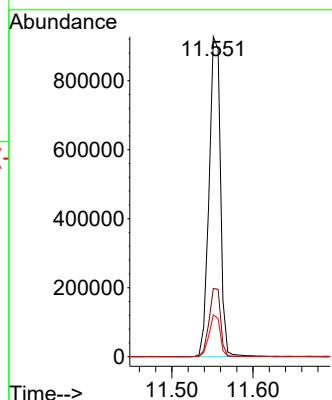
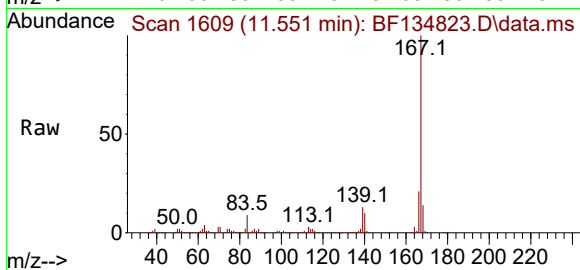
Tgt Ion:167 Resp: 899597

Ion Ratio Lower Upper

167 100

166 21.3 17.5 26.3

139 13.0 11.0 16.4



#74

Di-n-butylphthalate

Concen: 46.799 ng

RT: 11.886 min Scan# 1666

Delta R.T. -0.012 min

Lab File: BF134823.D

Acq: 17 Aug 2023 18:24

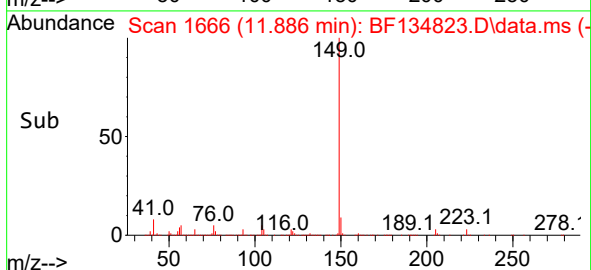
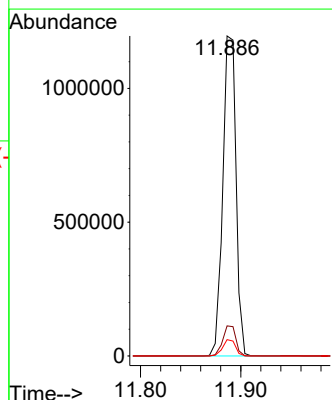
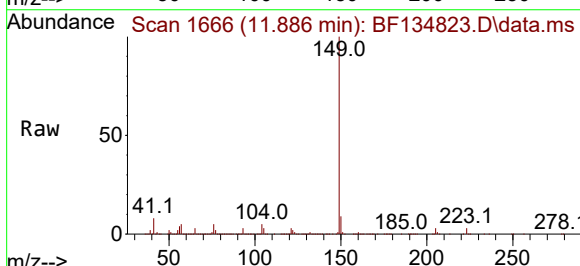
Tgt Ion:149 Resp: 1093654

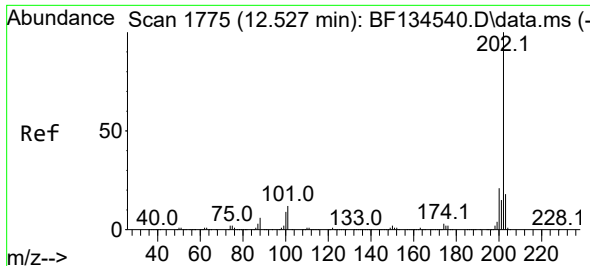
Ion Ratio Lower Upper

149 100

150 9.4 7.2 10.8

104 5.1 3.8 5.8

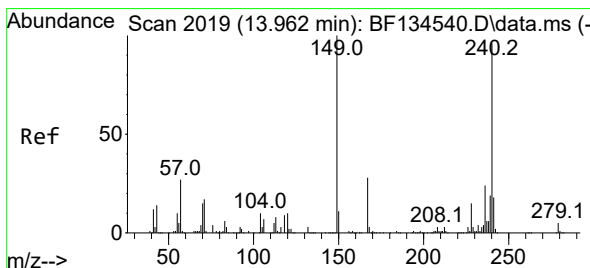
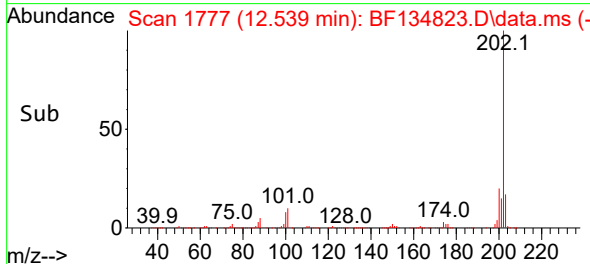
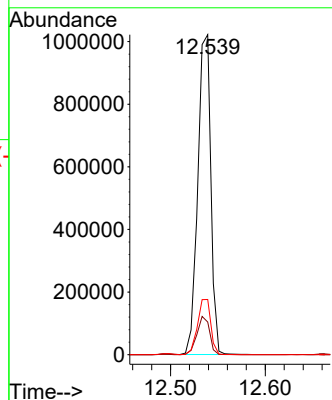
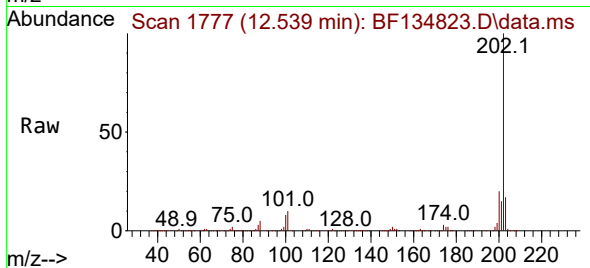




#75
Fluoranthene
Concen: 38.468 ng
RT: 12.539 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134823.D
Acq: 17 Aug 2023 18:24

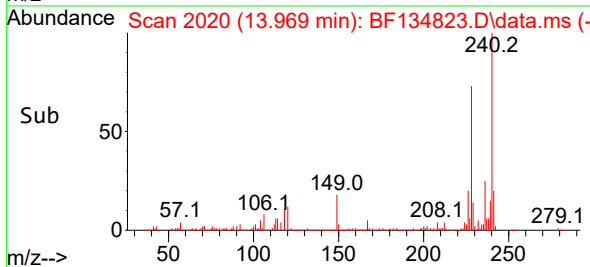
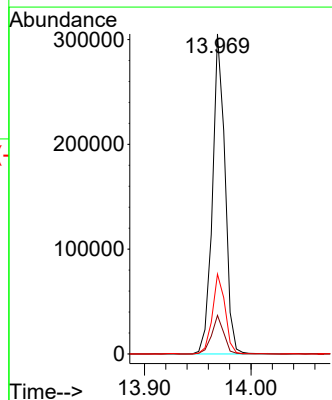
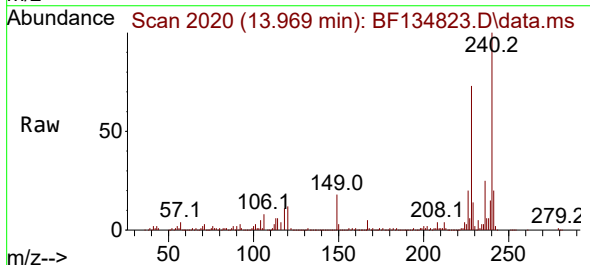
Instrument :
BNA_F
ClientSampleId :
E-4MSD

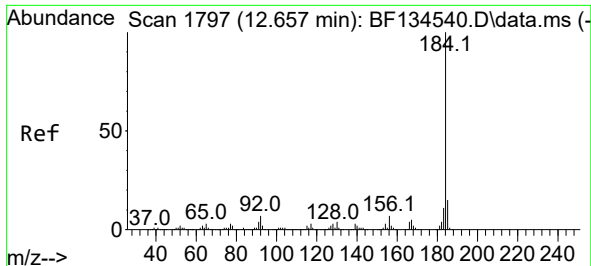
Tgt Ion:202 Resp: 980038
Ion Ratio Lower Upper
202 100
101 10.2 0.0 28.5
203 17.2 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF134823.D
Acq: 17 Aug 2023 18:24

Tgt Ion:240 Resp: 249319
Ion Ratio Lower Upper
240 100
120 12.0 6.6 10.0#
236 25.0 20.2 30.2

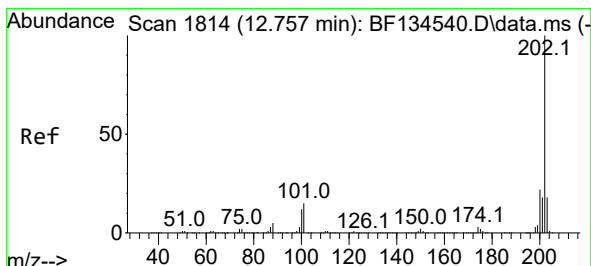
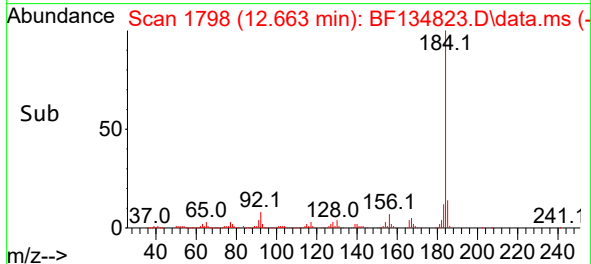
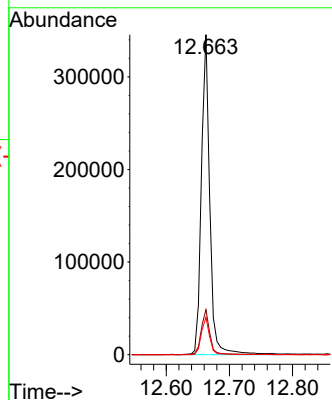
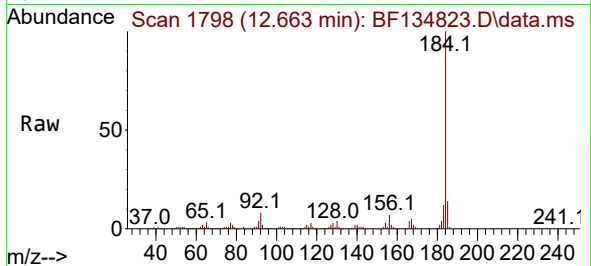




#77
Benzidine
Concen: 59.244 ng
RT: 12.663 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134823.D
Acq: 17 Aug 2023 18:24

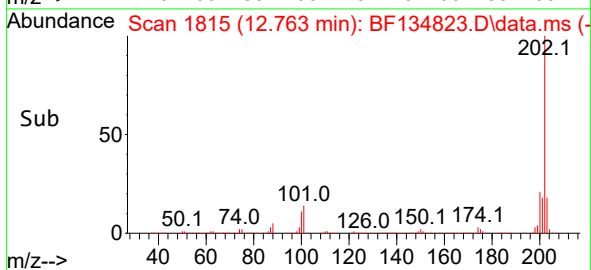
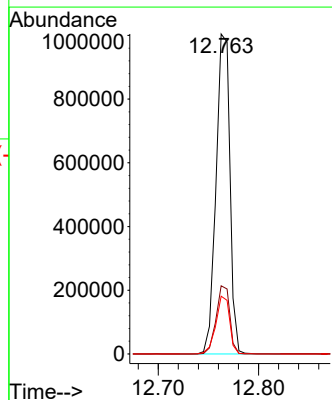
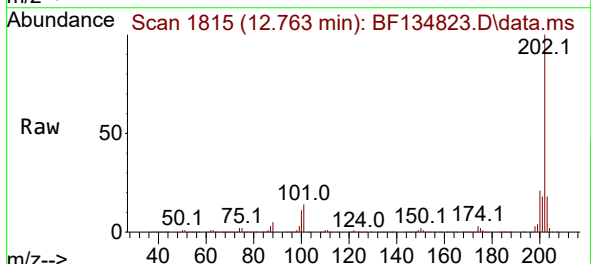
Instrument :
BNA_F
ClientSampleId :
E-4MSD

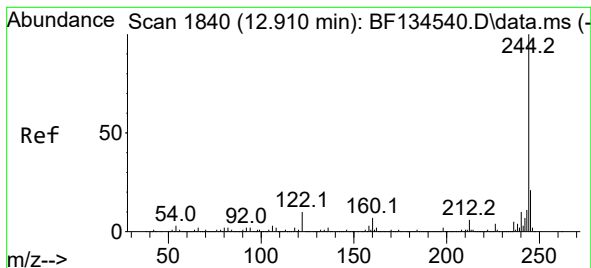
Tgt Ion:184 Resp: 320637
Ion Ratio Lower Upper
184 100
185 14.1 11.2 16.8
183 11.7 8.6 13.0



#78
Pyrene
Concen: 44.828 ng
RT: 12.763 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF134823.D
Acq: 17 Aug 2023 18:24

Tgt Ion:202 Resp: 967126
Ion Ratio Lower Upper
202 100
200 21.3 15.8 23.8
203 18.1 13.5 20.3





#79

Terphenyl-d14

Concen: 57.924 ng

RT: 12.910 min Scan# 1840

Delta R.T. -0.012 min

Lab File: BF134823.D

Acq: 17 Aug 2023 18:24

Instrument :

BNA_F

ClientSampleId :

E-4MSD

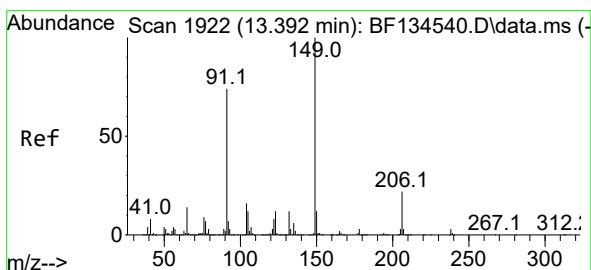
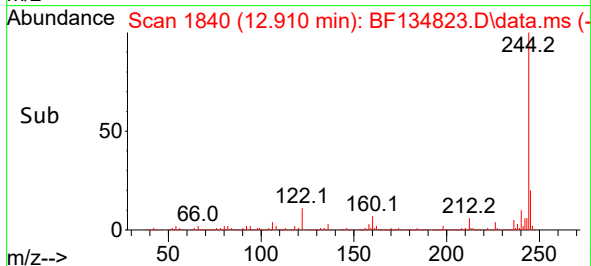
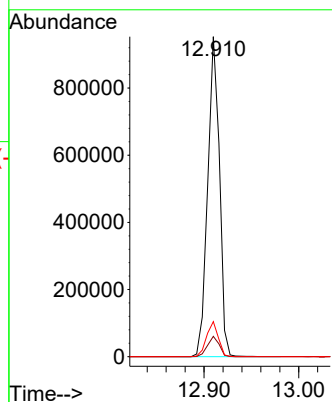
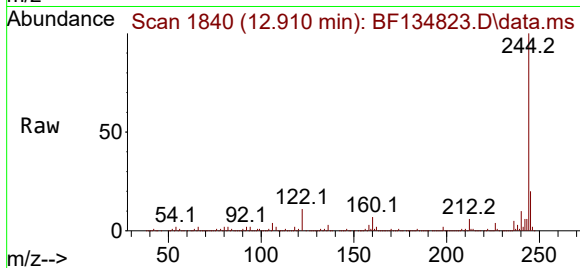
Tgt Ion:244 Resp: 819203

Ion Ratio Lower Upper

244 100

212 6.3 5.6 8.4

122 11.0 8.0 12.0



#80

Butylbenzylphthalate

Concen: 46.739 ng

RT: 13.392 min Scan# 1922

Delta R.T. -0.006 min

Lab File: BF134823.D

Acq: 17 Aug 2023 18:24

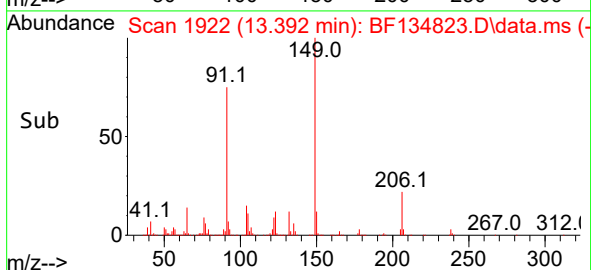
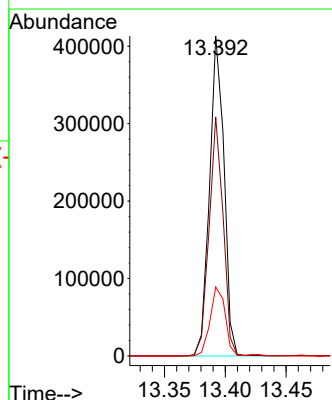
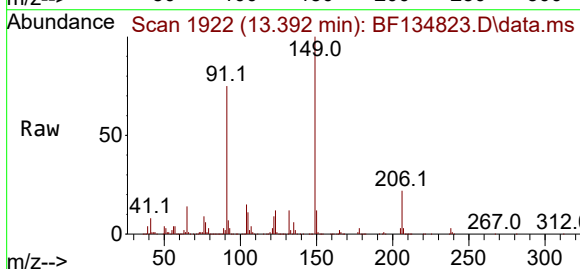
Tgt Ion:149 Resp: 340969

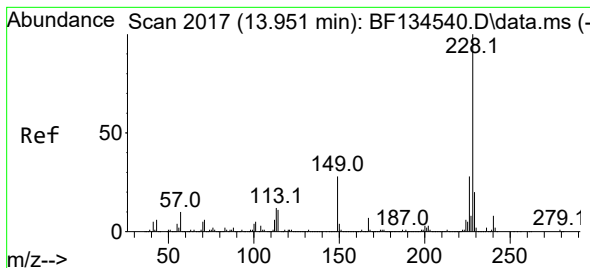
Ion Ratio Lower Upper

149 100

91 74.7 55.8 83.6

206 21.5 14.6 21.8





#81

Benzo(a)anthracene

Concen: 44.032 ng

RT: 13.957 min Scan# 2017

Delta R.T. -0.006 min

Lab File: BF134823.D

Acq: 17 Aug 2023 18:24

Instrument :

BNA_F

ClientSampleId :

E-4MSD

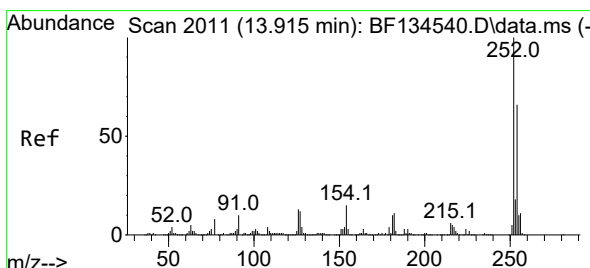
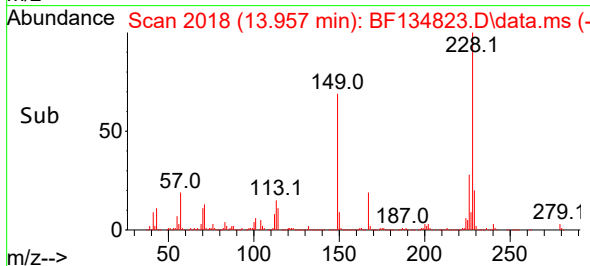
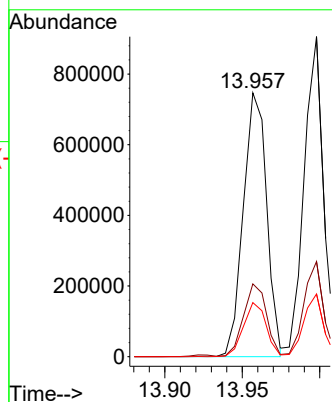
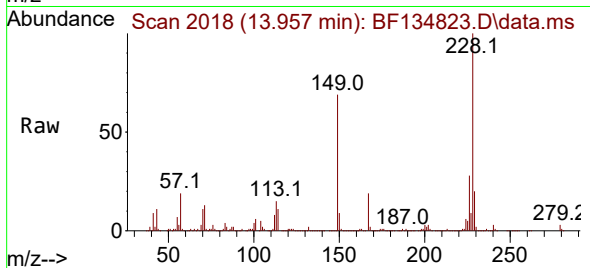
Tgt Ion:228 Resp: 784986

Ion Ratio Lower Upper

228 100

226 27.6 22.3 33.5

229 20.5 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 49.474 ng

RT: 13.927 min Scan# 2013

Delta R.T. 0.000 min

Lab File: BF134823.D

Acq: 17 Aug 2023 18:24

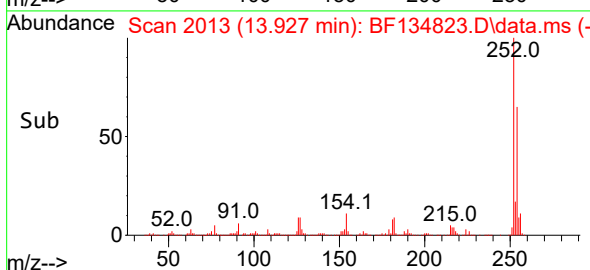
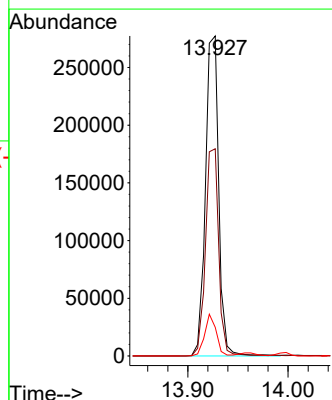
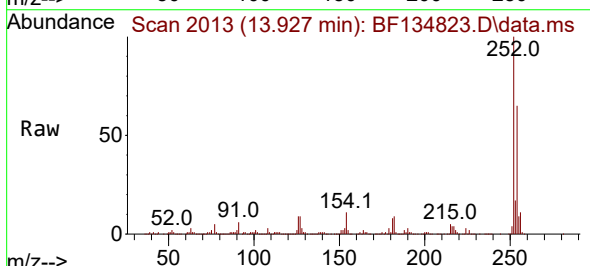
Tgt Ion:252 Resp: 255660

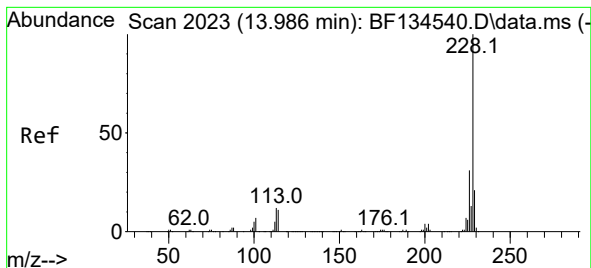
Ion Ratio Lower Upper

252 100

254 64.8 52.7 79.1

126 9.0 7.2 10.8





#83

Chrysene

Concen: 45.309 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF134823.D

Acq: 17 Aug 2023 18:24

Instrument :

BNA_F

ClientSampleId :

E-4MSD

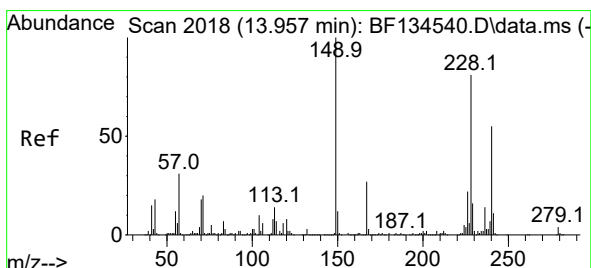
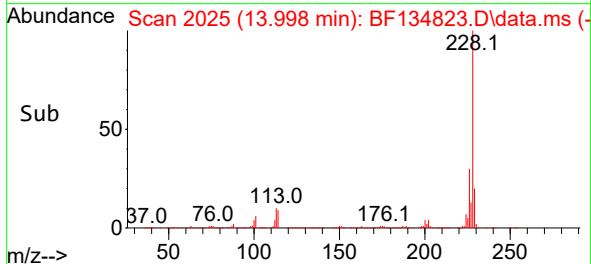
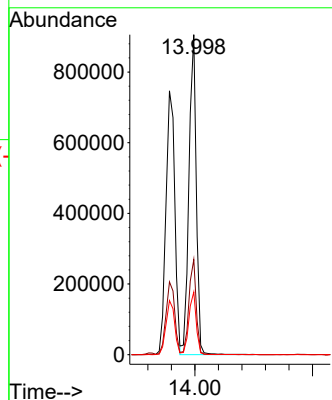
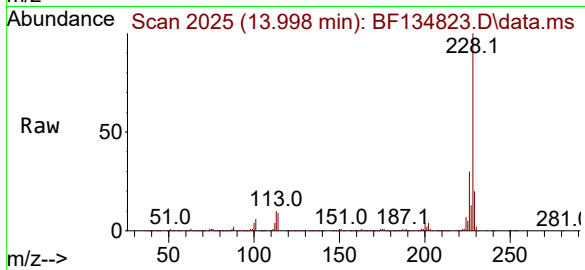
Tgt Ion:228 Resp: 786958

Ion Ratio Lower Upper

228 100

226 29.7 24.5 36.7

229 19.6 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.030 ng

RT: 13.957 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BF134823.D

Acq: 17 Aug 2023 18:24

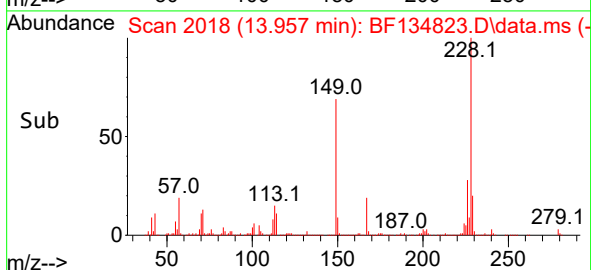
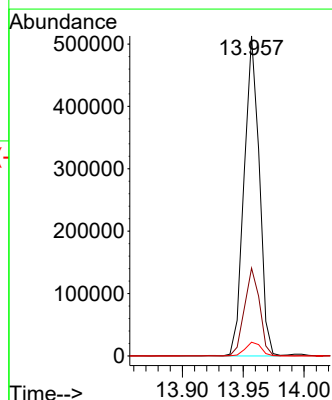
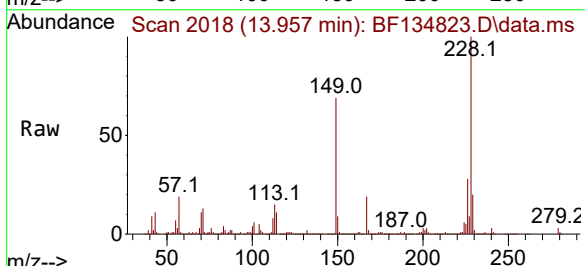
Tgt Ion:149 Resp: 446670

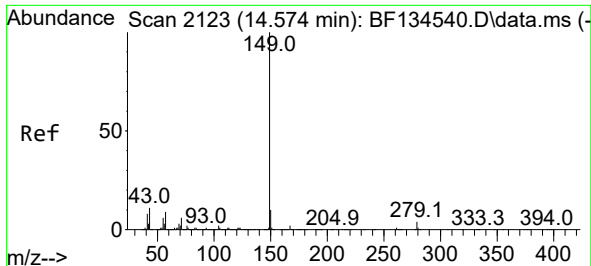
Ion Ratio Lower Upper

149 100

167 27.5 21.6 32.4

279 4.3 3.5 5.3

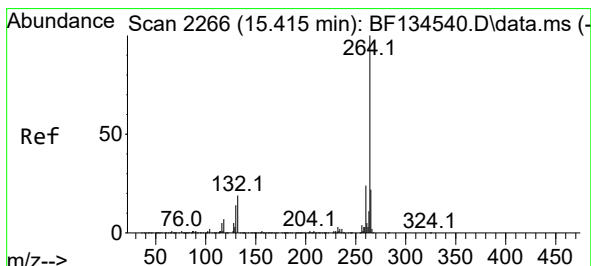
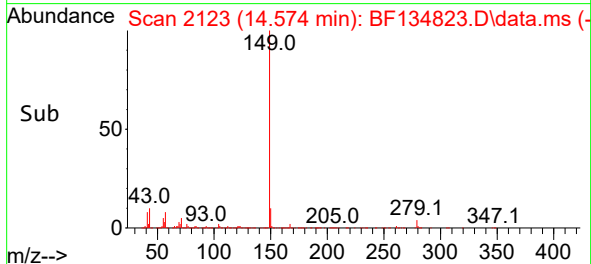
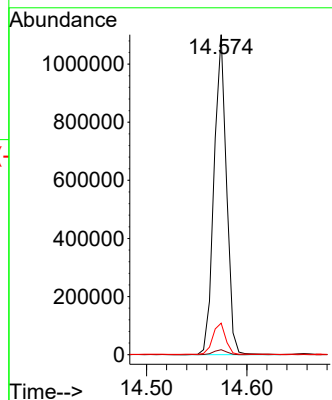
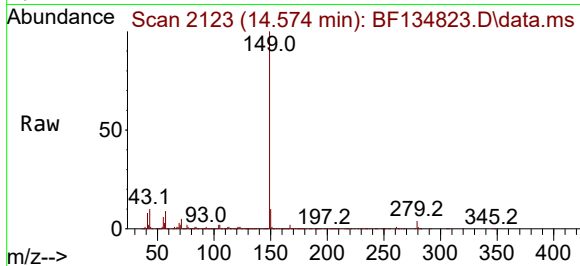




#85
Di-n-octyl phthalate
Concen: 72.642 ng
RT: 14.574 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF134823.D
Acq: 17 Aug 2023 18:24

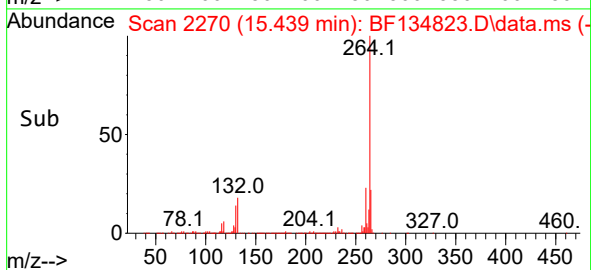
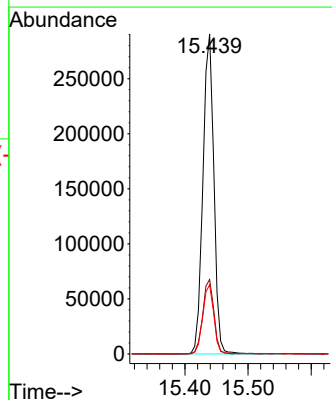
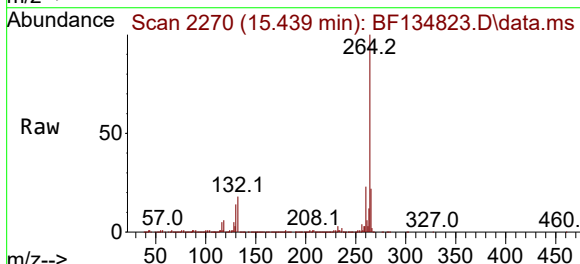
Instrument :
BNA_F
ClientSampleId :
E-4MSD

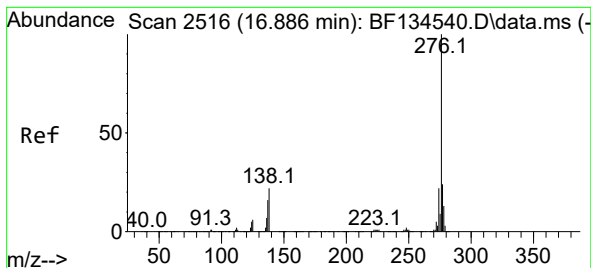
Tgt Ion:149 Resp: 948349
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 10.3 8.1 12.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF134823.D
Acq: 17 Aug 2023 18:24

Tgt Ion:264 Resp: 350431
Ion Ratio Lower Upper
264 100
260 23.2 18.4 27.6
265 21.6 15.8 23.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 58.889 ng

RT: 16.933 min Scan# 2197

Delta R.T. 0.006 min

Lab File: BF134823.D

Acq: 17 Aug 2023 18:24

Instrument :

BNA_F

ClientSampleId :

E-4MSD

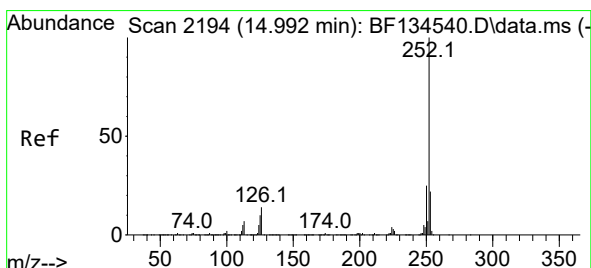
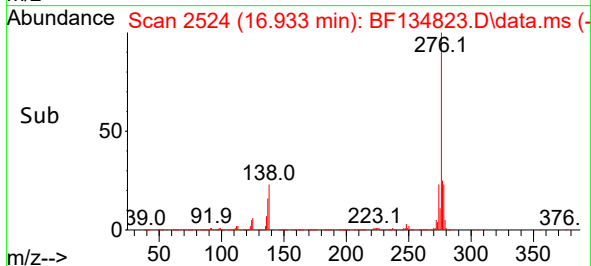
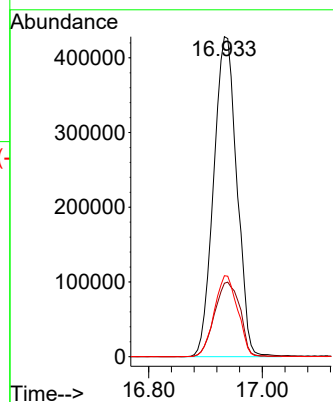
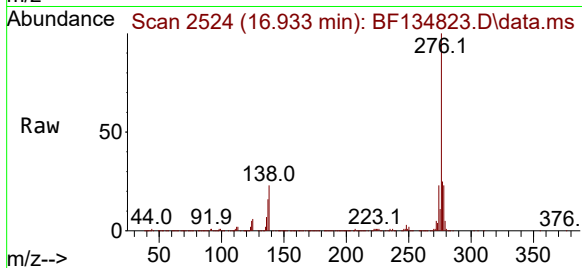
Tgt Ion:276 Resp: 1213683

Ion Ratio Lower Upper

276 100

138 25.7 14.2 21.4#

277 25.7 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 48.130 ng

RT: 15.010 min Scan# 2197

Delta R.T. 0.000 min

Lab File: BF134823.D

Acq: 17 Aug 2023 18:24

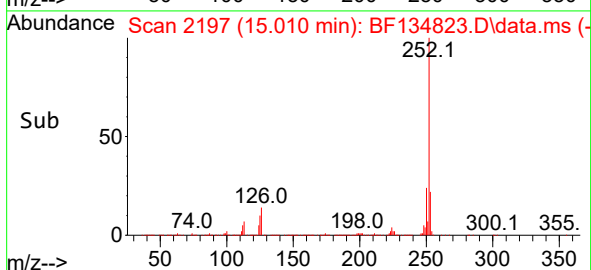
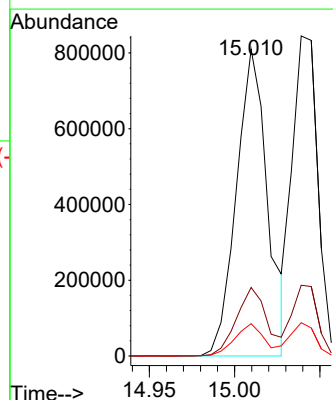
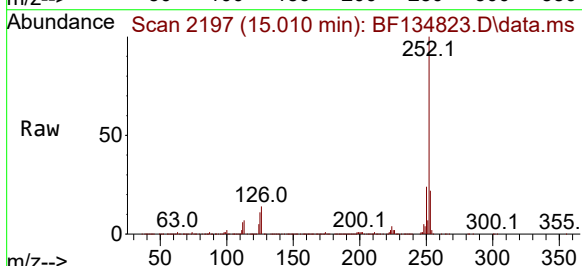
Tgt Ion:252 Resp: 1028662

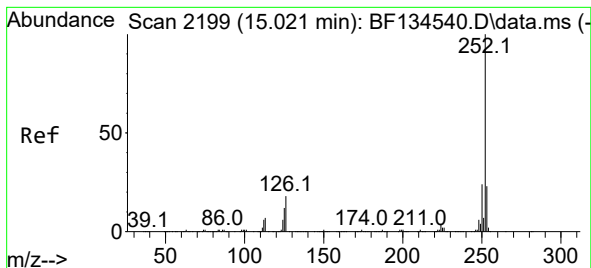
Ion Ratio Lower Upper

252 100

253 22.3 17.3 25.9

125 10.5 6.0 9.0#





#89

Benzo(k)fluoranthene

Concen: 41.629 ng

RT: 15.039 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF134823.D

Acq: 17 Aug 2023 18:24

Instrument :

BNA_F

ClientSampleId :

E-4MSD

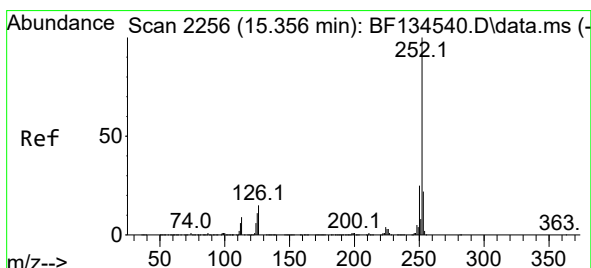
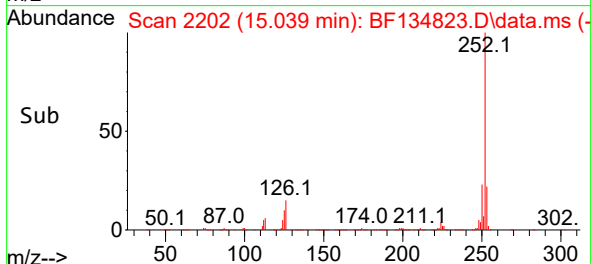
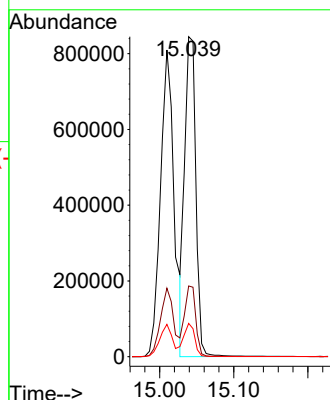
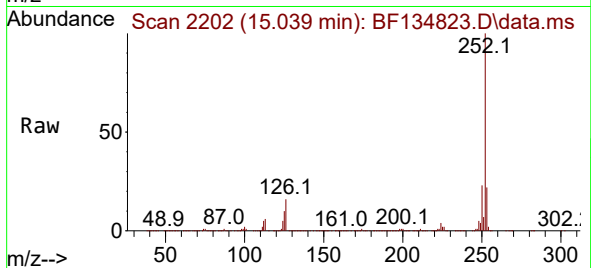
Tgt Ion:252 Resp: 886303

Ion Ratio Lower Upper

252 100

253 22.1 17.9 26.9

125 10.4 6.3 9.5#



#90

Benzo(a)pyrene

Concen: 45.012 ng

RT: 15.380 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BF134823.D

Acq: 17 Aug 2023 18:24

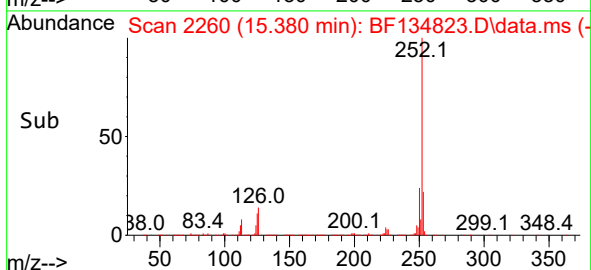
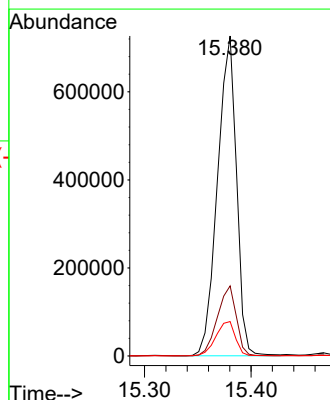
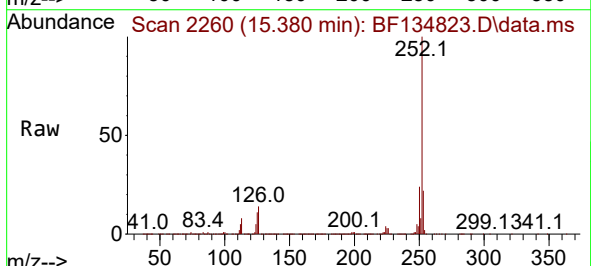
Tgt Ion:252 Resp: 896961

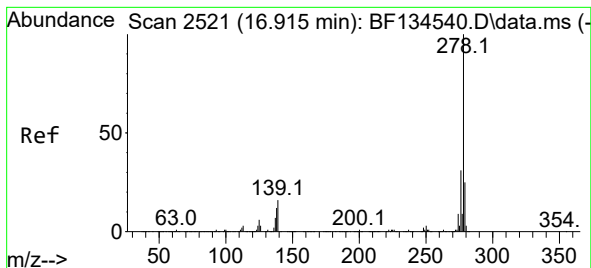
Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.4

125 10.7 6.2 9.4#





#91

Dibenzo(a,h)anthracene

Concen: 59.735 ng

RT: 16.957 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF134823.D

Acq: 17 Aug 2023 18:24

Instrument :

BNA_F

ClientSampleId :

E-4MSD

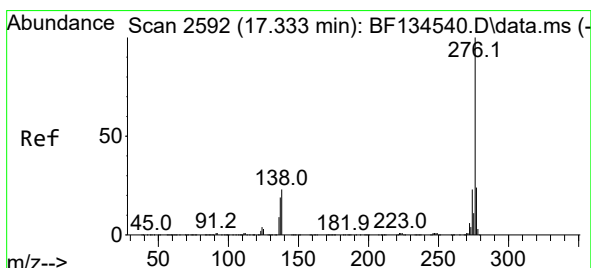
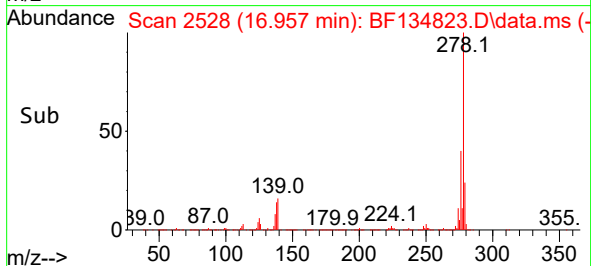
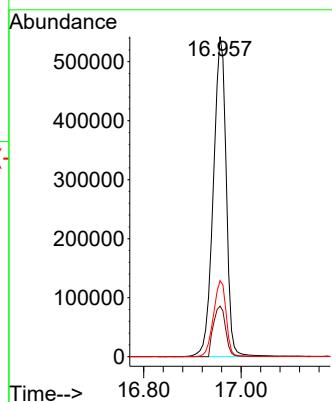
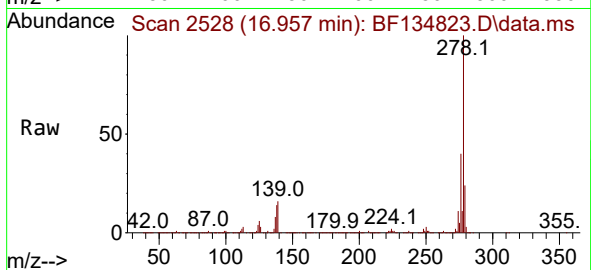
Tgt Ion:278 Resp: 994947

Ion Ratio Lower Upper

278 100

139 15.8 10.0 15.0#

279 23.7 19.7 29.5



#92

Benzo(g,h,i)perylene

Concen: 58.259 ng

RT: 17.392 min Scan# 2602

Delta R.T. 0.018 min

Lab File: BF134823.D

Acq: 17 Aug 2023 18:24

Tgt Ion:276 Resp: 989828

Ion Ratio Lower Upper

276 100

277 23.9 19.0 28.6

138 22.3 12.2 18.2#

