

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082223\
 Data File : BF134881.D
 Acq On : 22 Aug 2023 12:32
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 22 18:58:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 22 17:47:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	181674	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	688709	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	350038	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	621414	20.000	ng	0.00
76) Chrysene-d12	13.980	240	273102	20.000	ng	0.00
86) Perylene-d12	15.457	264	348083	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	884268	77.617	ng	0.00
7) Phenol-d6	6.440	99	1137069	78.108	ng	0.00
23) Nitrobenzene-d5	7.363	82	989681	79.184	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	324298	78.664	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1706023	75.365	ng	0.00
79) Terphenyl-d14	12.927	244	1546376	75.115	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.534	88	198081	40.063	ng	99
3) Pyridine	3.293	79	538855	40.443	ng	100
4) n-Nitrosodimethylamine	3.263	42	243279	41.297	ng	95
6) Aniline	6.469	93	709761	39.447	ng	99
8) 2-Chlorophenol	6.587	128	464862	38.886	ng	98
9) Benzaldehyde	6.351	77	302380	37.943	ng	97
10) Phenol	6.451	94	579701	38.894	ng	98
11) bis(2-Chloroethyl)ether	6.540	93	449267	39.737	ng	98
12) 1,3-Dichlorobenzene	6.740	146	488402	39.172	ng	97
13) 1,4-Dichlorobenzene	6.816	146	490419	39.299	ng	99
14) 1,2-Dichlorobenzene	6.969	146	451212	37.656	ng	96
15) Benzyl Alcohol	6.940	79	403870	39.928	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.075	45	661458	40.402	ng	100
17) 2-Methylphenol	7.057	107	413679	39.984	ng	100
18) Hexachloroethane	7.304	117	178983	39.629	ng	99
19) n-Nitroso-di-n-propyla...	7.216	70	322298	37.907	ng	99
20) 3+4-Methylphenols	7.210	107	466226	40.137	ng	99
22) Acetophenone	7.210	105	582019	38.235	ng	99
24) Nitrobenzene	7.381	77	502819	40.093	ng	99
25) Isophorone	7.622	82	931889	39.930	ng	99
26) 2-Nitrophenol	7.692	139	254502	40.762	ng	100
27) 2,4-Dimethylphenol	7.734	122	407177	39.984	ng	98
28) bis(2-Chloroethoxy)met...	7.834	93	560205	40.274	ng	100
29) 2,4-Dichlorophenol	7.934	162	401123	39.866	ng	98
30) 1,2,4-Trichlorobenzene	8.016	180	422985	39.597	ng	99
31) Naphthalene	8.098	128	1355479	39.416	ng	100
32) Benzoic acid	7.869	122	319578	42.605	ng	98
33) 4-Chloroaniline	8.151	127	585685	39.694	ng	99
34) Hexachlorobutadiene	8.216	225	252241	39.703	ng	99
35) Caprolactam	8.534	113	128943	41.181	ng	96
36) 4-Chloro-3-methylphenol	8.634	107	420106	39.565	ng	99
37) 2-Methylnaphthalene	8.792	142	901475	39.308	ng	100
38) 1-Methylnaphthalene	8.892	142	842998	39.310	ng	99
40) 1,2,4,5-Tetrachloroben...	8.957	216	422562	39.617	ng	99
41) Hexachlorocyclopentadiene	8.939	237	213783	43.193	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	279069	39.616	ng	99

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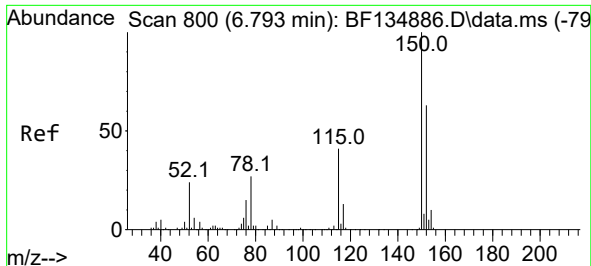
Quant Time: Aug 22 18:58:32 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	323147	39.623	ng	99
46) 1,1'-Biphenyl	9.257	154	1069314	38.694	ng	99
47) 2-Chloronaphthalene	9.281	162	805126	39.012	ng	99
48) 2-Nitroaniline	9.381	65	271973	40.090	ng	98
49) Acenaphthylene	9.698	152	1250483	39.345	ng	100
50) Dimethylphthalate	9.569	163	976995	39.211	ng	100
51) 2,6-Dinitrotoluene	9.628	165	217412	39.562	ng	95
52) Acenaphthene	9.869	154	778212	38.868	ng	99
53) 3-Nitroaniline	9.798	138	241270	40.196	ng	98
54) 2,4-Dinitrophenol	9.904	184	107859	39.216	ng	95
55) Dibenzofuran	10.045	168	1124904	38.589	ng	98
56) 4-Nitrophenol	9.963	139	173685	41.523	ng	92
57) 2,4-Dinitrotoluene	10.033	165	269068	39.591	ng	94
58) Fluorene	10.386	166	844757	37.007	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	253684	39.924	ng	100
60) Diethylphthalate	10.269	149	892042	39.077	ng	98
61) 4-Chlorophenyl-phenyle...	10.381	204	426937	37.300	ng	98
62) 4-Nitroaniline	10.416	138	228481	40.720	ng	94
63) Azobenzene	10.545	77	888358	39.173	ng	96
65) 4,6-Dinitro-2-methylph...	10.445	198	153025	41.733	ng	89
66) n-Nitrosodiphenylamine	10.504	169	787867	39.371	ng	99
67) 4-Bromophenyl-phenylether	10.875	248	287451	40.095	ng	97
68) Hexachlorobenzene	10.939	284	303509	39.806	ng	93
69) Atrazine	11.033	200	200574	44.276	ng	100
70) Pentachlorophenol	11.133	266	191809	41.801	ng	99
71) Phenanthrene	11.357	178	1274929	39.152	ng	100
72) Anthracene	11.404	178	1303340	39.064	ng	100
73) Carbazole	11.563	167	1089986	39.646	ng	99
74) Di-n-butylphthalate	11.898	149	1255919	39.831	ng	99
75) Fluoranthene	12.545	202	1188171	38.510	ng	98
77) Benzidine	12.674	184	214668	48.446	ng	99
78) Pyrene	12.774	202	1174500	40.562	ng	100
80) Butylbenzylphthalate	13.404	149	372187	42.188	ng	97
81) Benzo(a)anthracene	13.974	228	746631	40.070	ng	99
82) 3,3'-Dichlorobenzidine	13.939	252	244819	41.513	ng	98
83) Chrysene	14.010	228	731045	39.764	ng	99
84) Bis(2-ethylhexyl)phtha...	13.969	149	390597	40.872	ng	98
85) Di-n-octyl phthalate	14.586	149	660207	42.366	ng	100
87) Indeno(1,2,3-cd)pyrene	16.957	276	1010209	40.602	ng	99
88) Benzo(b)fluoranthene	15.027	252	770702	39.244	ng	98
89) Benzo(k)fluoranthene	15.057	252	777729	40.329	ng	99
90) Benzo(a)pyrene	15.398	252	782689	39.923	ng	99
91) Dibenzo(a,h)anthracene	16.980	278	822368	40.850	ng	99
92) Benzo(g,h,i)perylene	17.415	276	843994	40.954	ng	100

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

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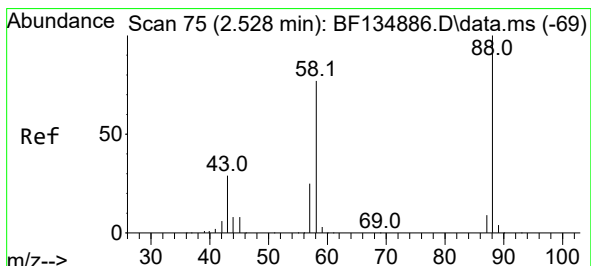
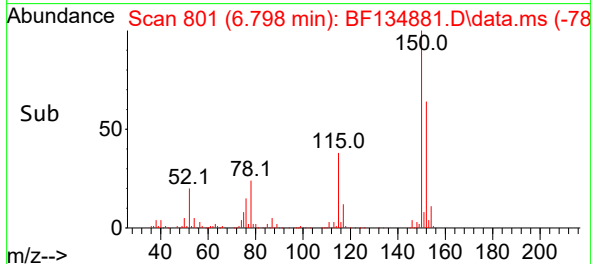
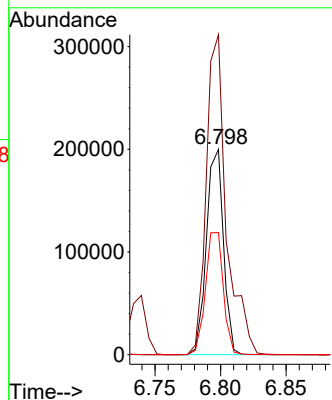
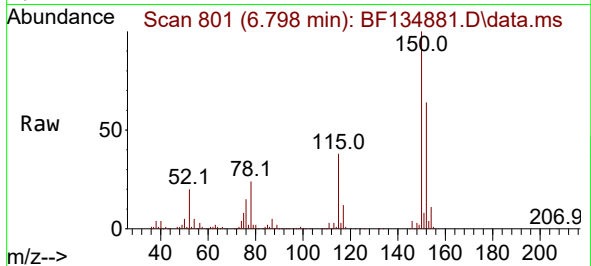




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 80
 Delta R.T. 0.005 min
 Lab File: BF134881.D
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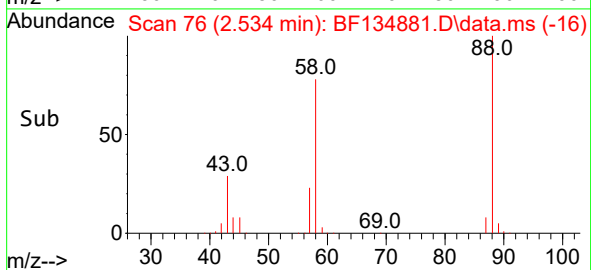
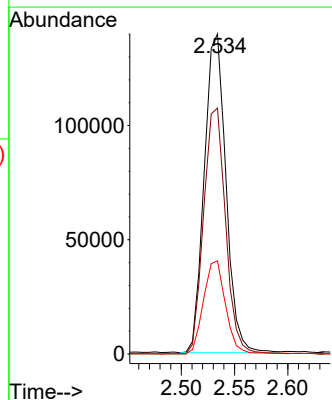
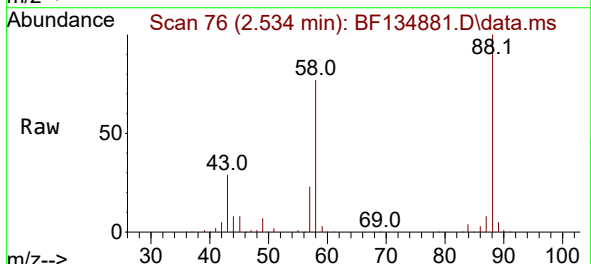
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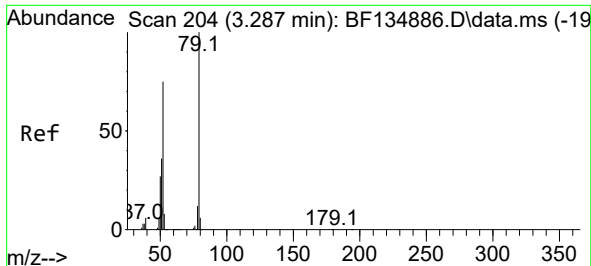
Tgt Ion:152 Resp: 181674
 Ion Ratio Lower Upper
 152 100
 150 155.9 126.1 189.1
 115 59.5 51.1 76.7



#2
 1,4-Dioxane
 Concen: 40.063 ng
 RT: 2.534 min Scan# 76
 Delta R.T. 0.006 min
 Lab File: BF134881.D
 Acq: 22 Aug 2023 12:32

Tgt Ion: 88 Resp: 198081
 Ion Ratio Lower Upper
 88 100
 58 78.1 62.6 93.8
 43 30.1 23.3 34.9

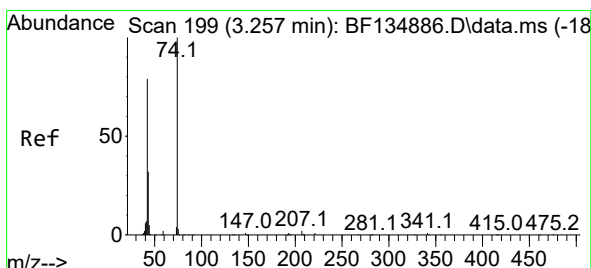
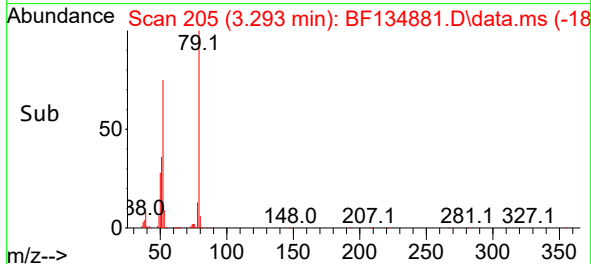
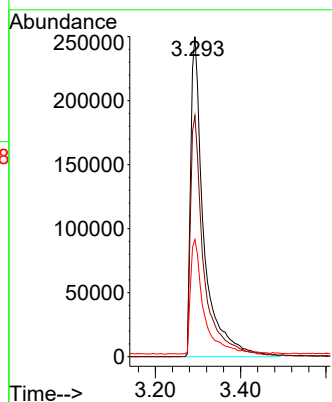
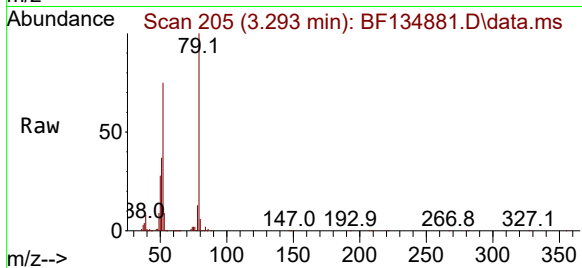




#3
 Pyridine
 Concen: 40.443 ng
 RT: 3.293 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: BF134881.D
 Acq: 22 Aug 2023 12:32

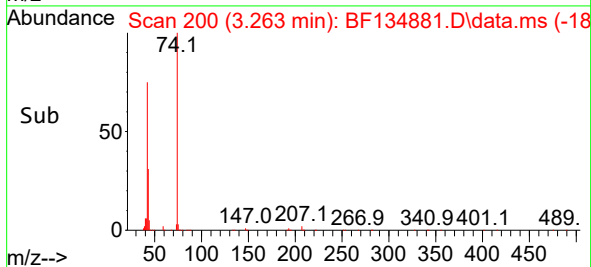
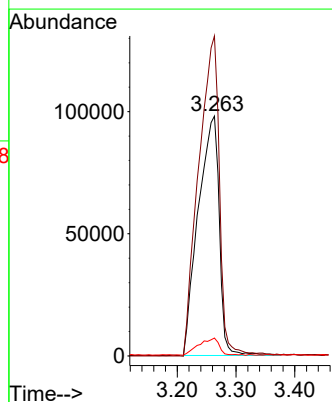
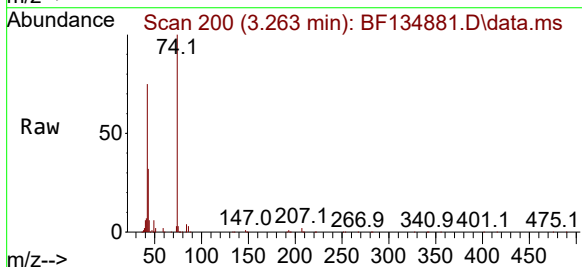
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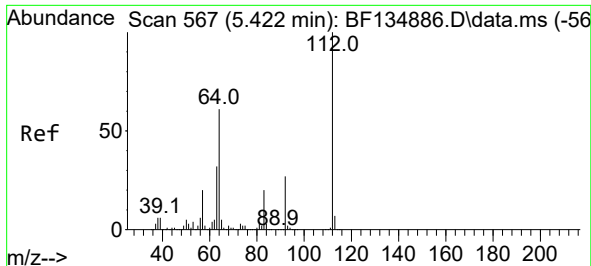
Tgt Ion: 79 Resp: 538855
 Ion Ratio Lower Upper
 79 100
 52 75.4 60.1 90.1
 51 36.6 29.4 44.0



#4
 n-Nitrosodimethylamine
 Concen: 41.297 ng
 RT: 3.263 min Scan# 200
 Delta R.T. 0.006 min
 Lab File: BF134881.D
 Acq: 22 Aug 2023 12:32

Tgt Ion: 42 Resp: 243279
 Ion Ratio Lower Upper
 42 100
 74 133.4 101.8 152.8
 44 7.5 5.4 8.0

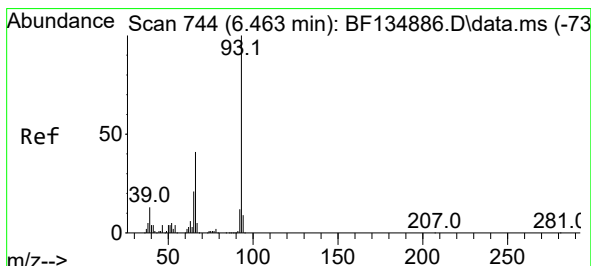
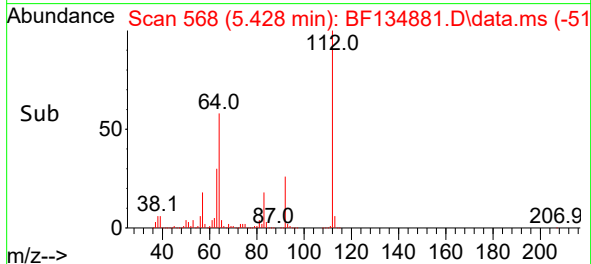
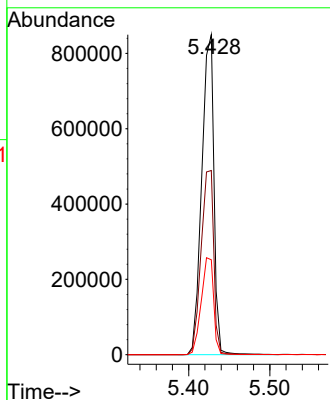
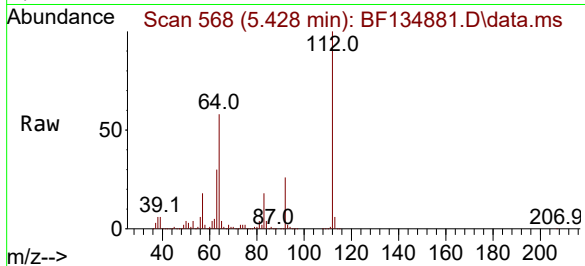




#5
2-Fluorophenol
Concen: 77.617 ng
RT: 5.428 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF134881.D
Acq: 22 Aug 2023 12:32

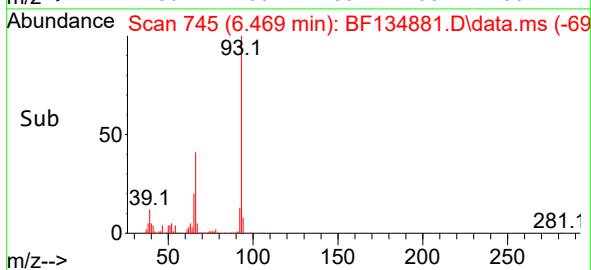
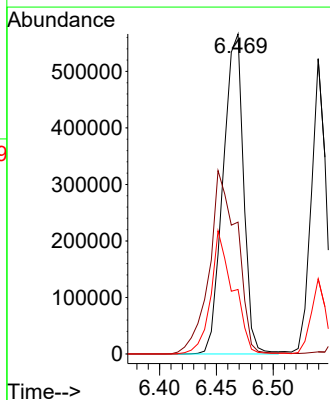
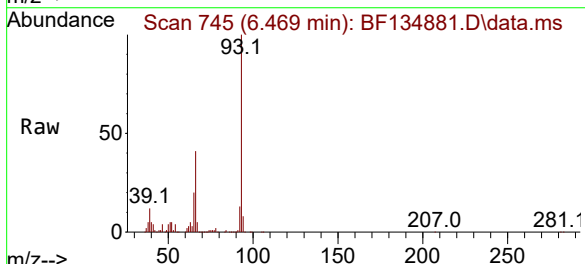
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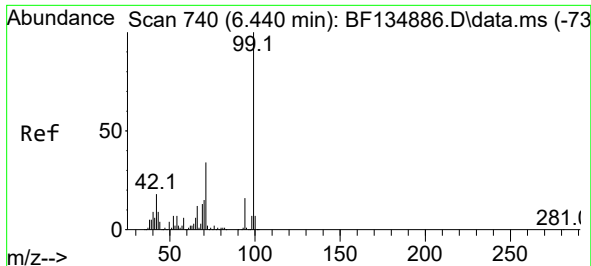
Tgt Ion:112 Resp: 884268
Ion Ratio Lower Upper
112 100
64 57.5 48.6 73.0
63 29.6 25.7 38.5



#6
Aniline
Concen: 39.447 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.006 min
Lab File: BF134881.D
Acq: 22 Aug 2023 12:32

Tgt Ion: 93 Resp: 709761
Ion Ratio Lower Upper
93 100
66 41.2 32.7 49.1
65 20.2 16.7 25.1

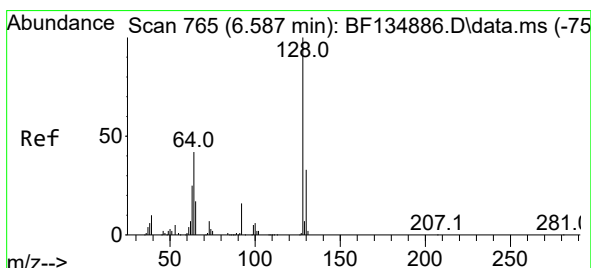
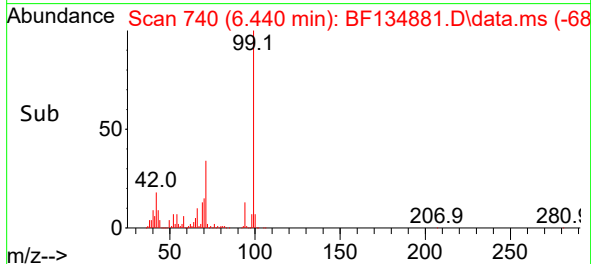
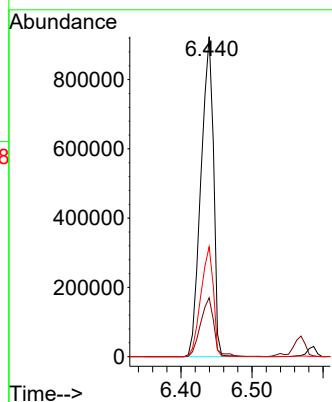
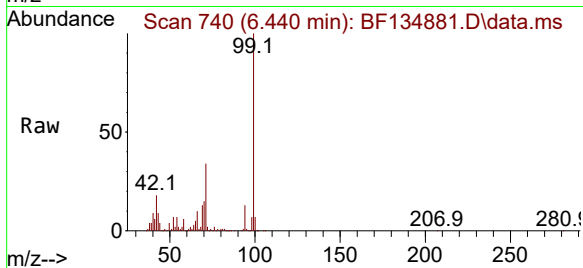




#7
Phenol-d6
Concen: 78.108 ng
RT: 6.440 min Scan# 740
Delta R.T. -0.000 min
Lab File: BF134881.D
Acq: 22 Aug 2023 12:32

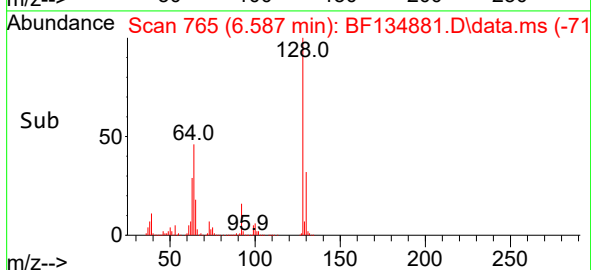
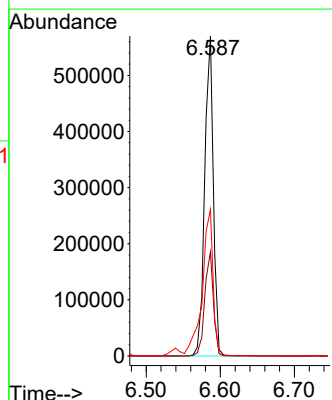
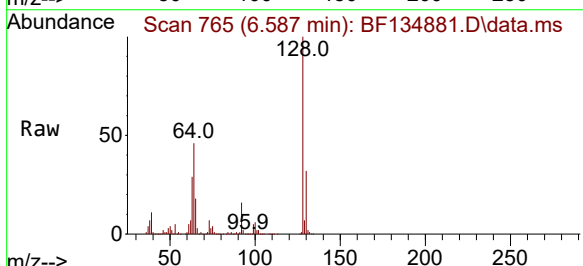
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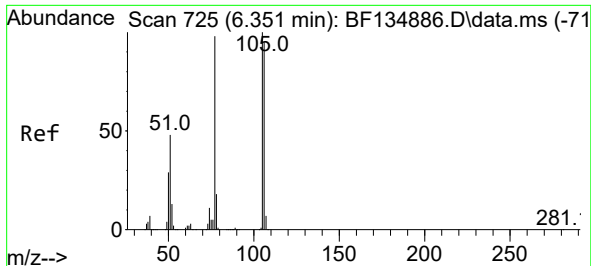
Tgt Ion: 99 Resp: 1137069
Ion Ratio Lower Upper
99 100
42 18.4 14.6 22.0
71 34.3 27.6 41.4



#8
2-Chlorophenol
Concen: 38.886 ng
RT: 6.587 min Scan# 765
Delta R.T. -0.000 min
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Tgt Ion: 128 Resp: 464862
Ion Ratio Lower Upper
128 100
130 32.5 13.0 53.0
64 45.8 23.4 63.4

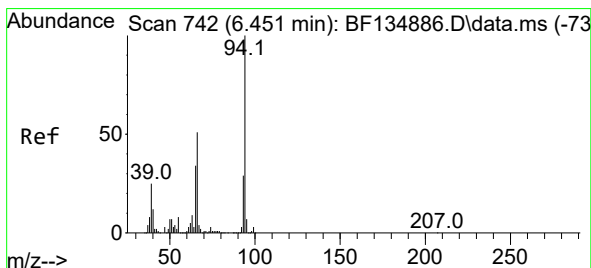
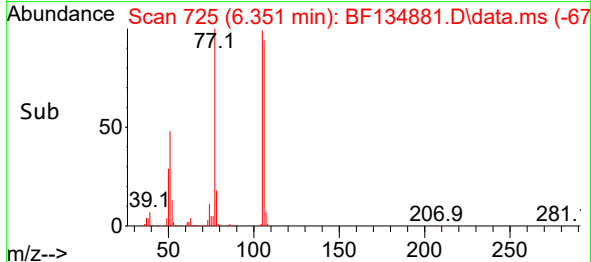
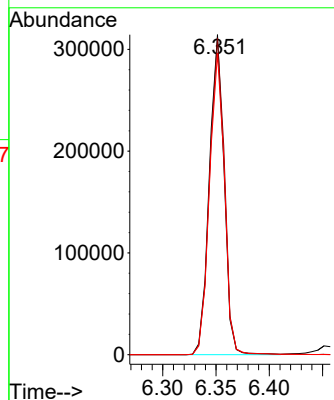
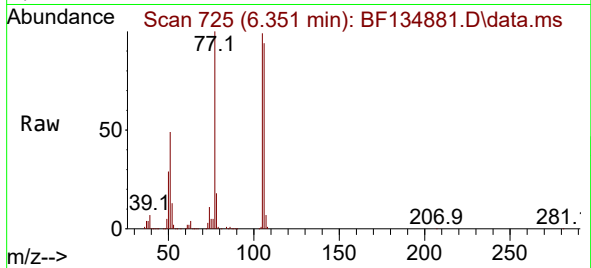




#9
Benzaldehyde
Concen: 37.943 ng
RT: 6.351 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF134881.D
Acq: 22 Aug 2023 12:32

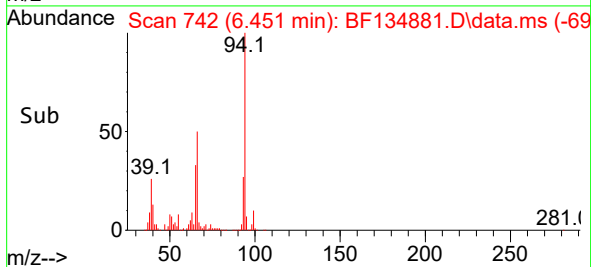
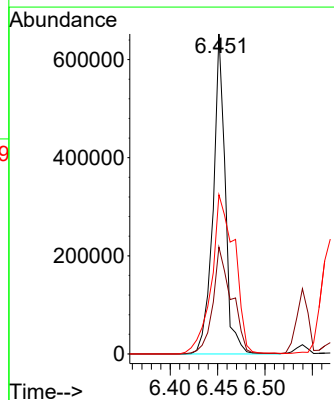
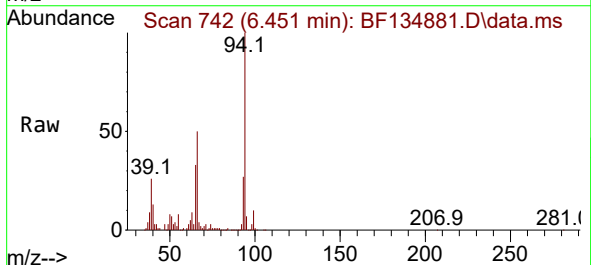
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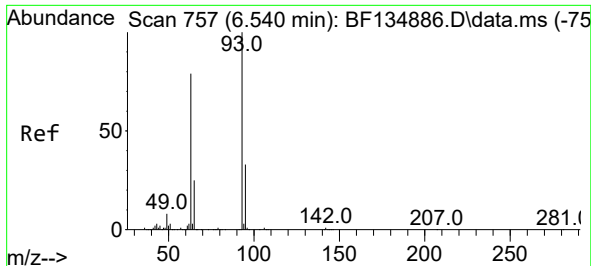
Tgt Ion: 77 Resp: 302380
Ion Ratio Lower Upper
77 100
105 99.0 82.4 122.4
106 94.1 77.2 117.2



#10
Phenol
Concen: 38.894 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.000 min
Lab File: BF134881.D
Acq: 22 Aug 2023 12:32

Tgt Ion: 94 Resp: 579701
Ion Ratio Lower Upper
94 100
65 33.4 14.0 54.0
66 49.7 31.1 71.1





#11

bis(2-Chloroethyl)ether

Concen: 39.737 ng

RT: 6.540 min Scan# 757

Delta R.T. -0.000 min

Lab File: BF134881.D

Acq: 22 Aug 2023 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

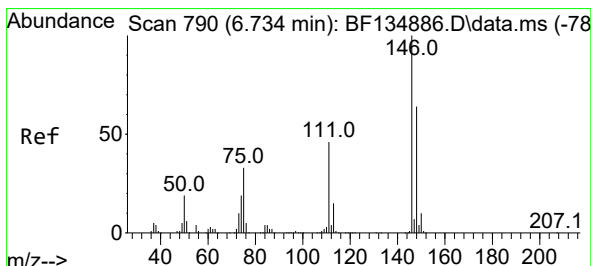
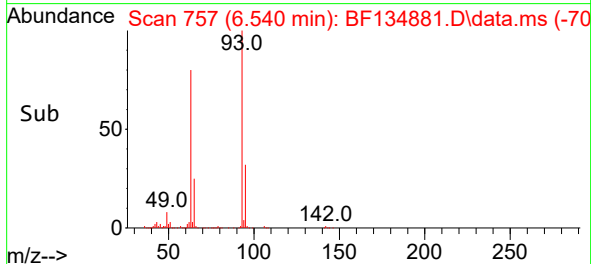
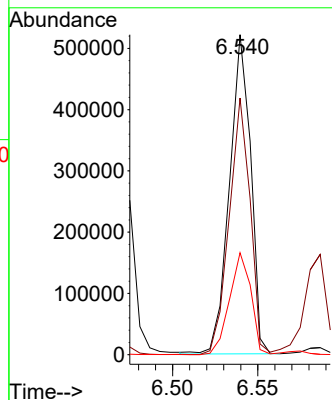
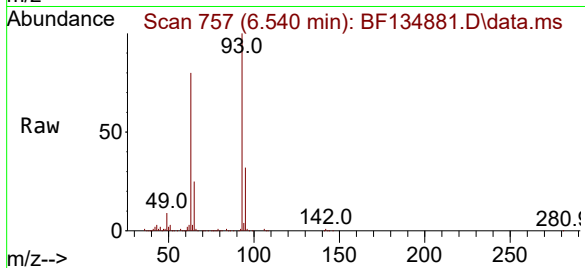
Tgt Ion: 93 Resp: 449267

Ion Ratio Lower Upper

93 100

63 80.2 58.7 98.7

95 31.9 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 39.172 ng

RT: 6.740 min Scan# 791

Delta R.T. 0.006 min

Lab File: BF134881.D

Acq: 22 Aug 2023 12:32

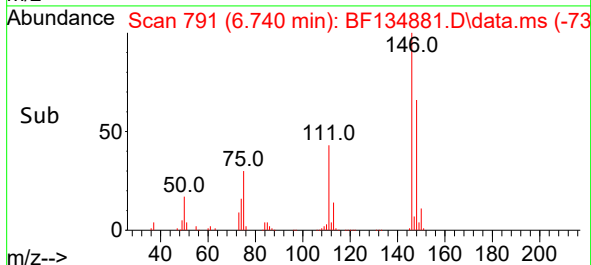
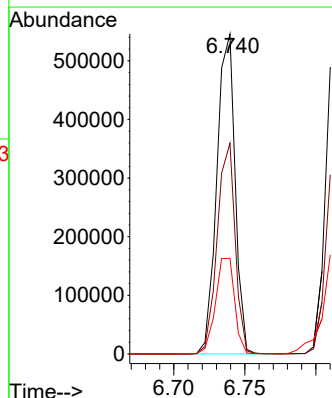
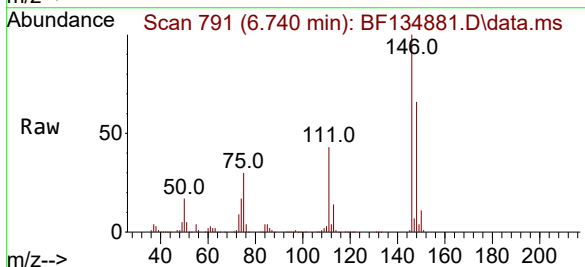
Tgt Ion: 146 Resp: 488402

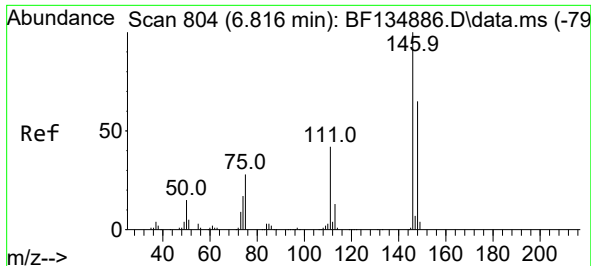
Ion Ratio Lower Upper

146 100

148 65.9 51.2 76.8

75 29.9 26.4 39.6





#13

1,4-Dichlorobenzene

Concen: 39.299 ng

RT: 6.816 min Scan# 80

Delta R.T. -0.000 min

Lab File: BF134881.D

Acq: 22 Aug 2023 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

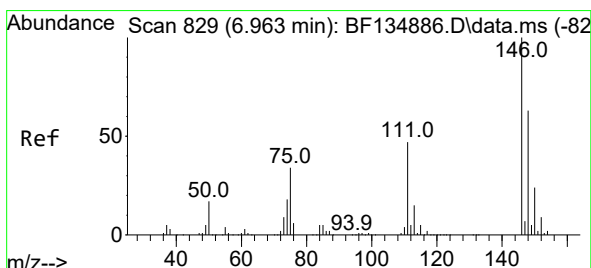
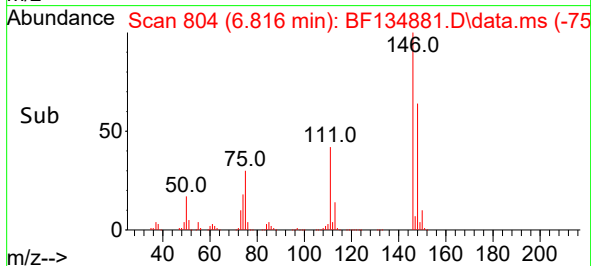
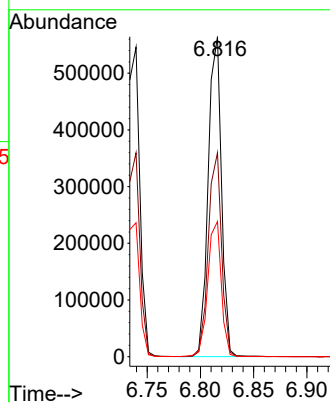
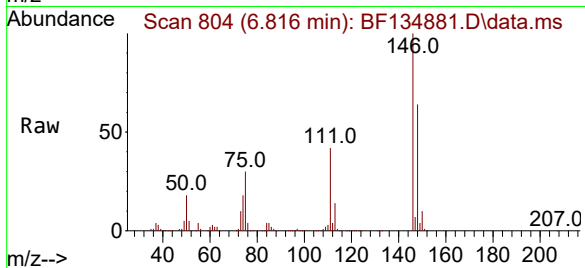
Tgt Ion:146 Resp: 490419

Ion Ratio Lower Upper

146 100

148 63.8 52.1 78.1

111 42.3 33.4 50.0



#14

1,2-Dichlorobenzene

Concen: 37.656 ng

RT: 6.969 min Scan# 830

Delta R.T. 0.006 min

Lab File: BF134881.D

Acq: 22 Aug 2023 12:32

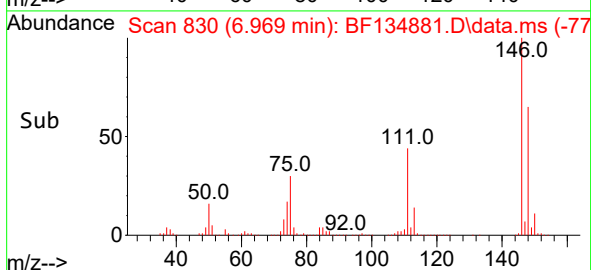
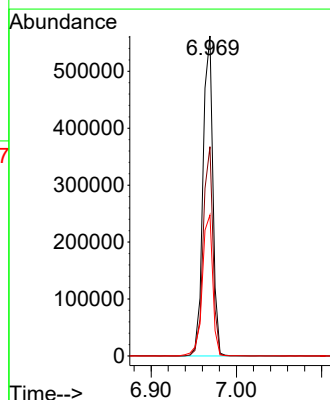
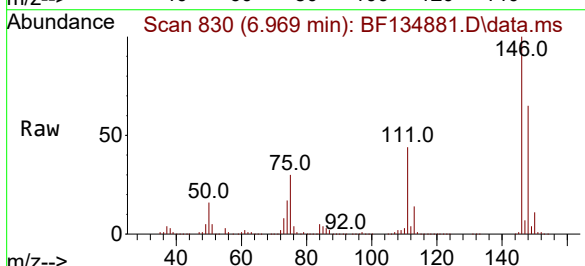
Tgt Ion:146 Resp: 451212

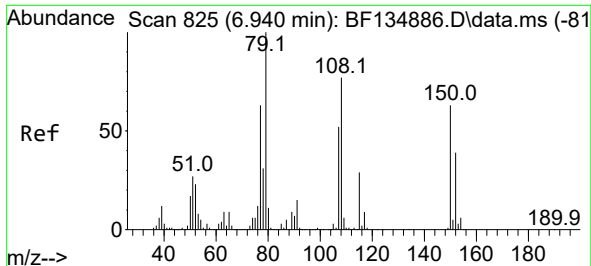
Ion Ratio Lower Upper

146 100

148 65.4 50.5 75.7

111 44.1 37.5 56.3

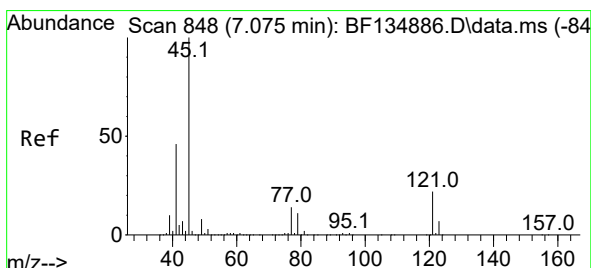
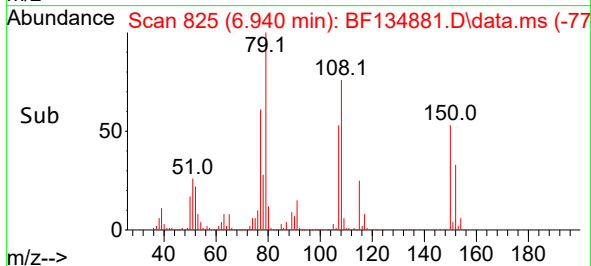
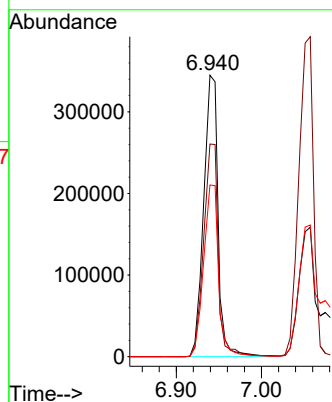
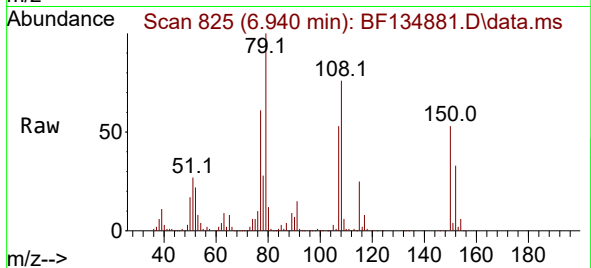




#15
Benzyl Alcohol
Concen: 39.928 ng
RT: 6.940 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF134881.D
Acq: 22 Aug 2023 12:32

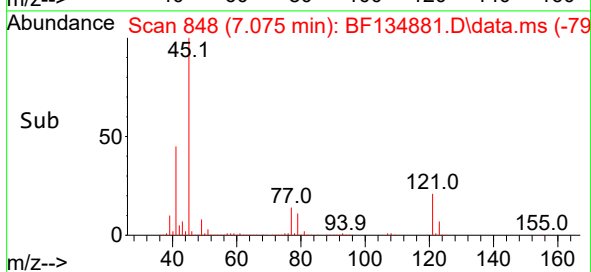
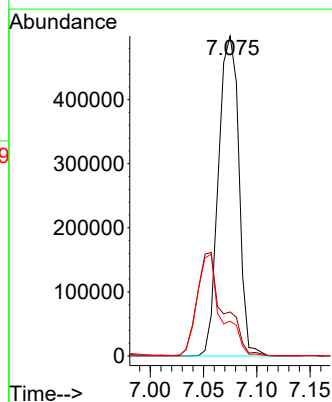
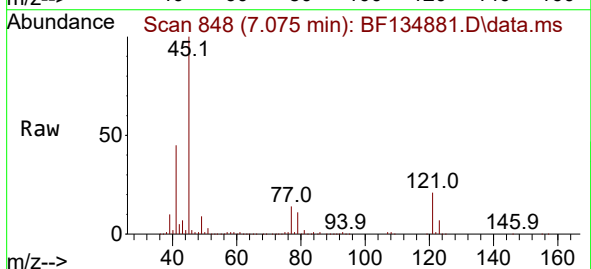
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

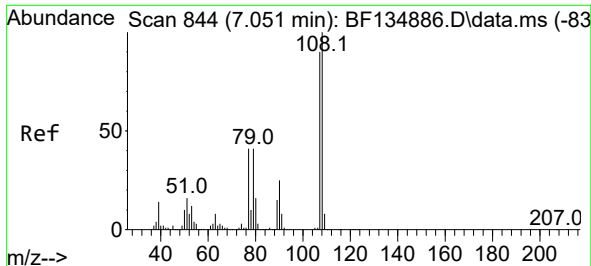
Tgt Ion: 79 Resp: 403870
Ion Ratio Lower Upper
79 100
108 75.6 61.4 92.2
77 61.0 50.1 75.1



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.402 ng
RT: 7.075 min Scan# 848
Delta R.T. -0.000 min
Lab File: BF134881.D
Acq: 22 Aug 2023 12:32

Tgt Ion: 45 Resp: 661458
Ion Ratio Lower Upper
45 100
77 13.7 0.0 33.9
79 10.9 0.0 31.1

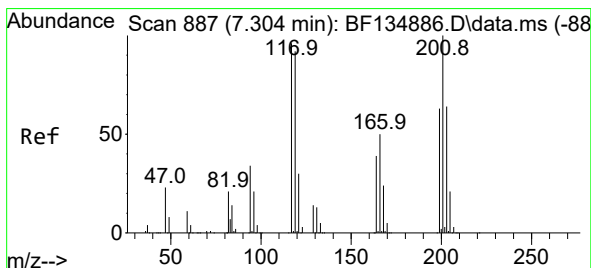
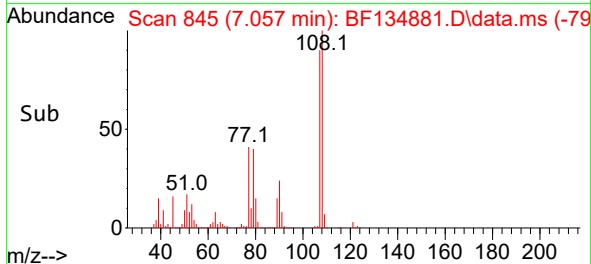
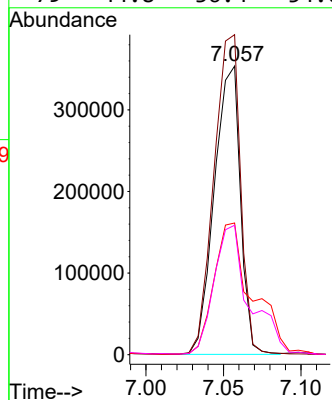
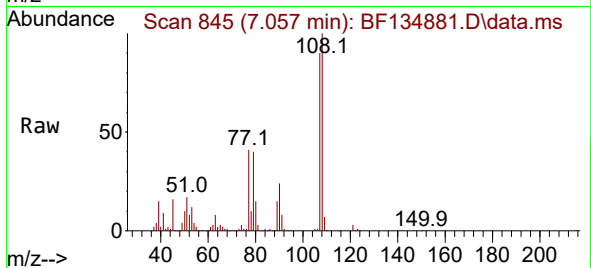




#17
2-Methylphenol
Concen: 39.984 ng
RT: 7.057 min Scan# 844
Delta R.T. 0.006 min
Lab File: BF134881.D
Acq: 22 Aug 2023 12:32

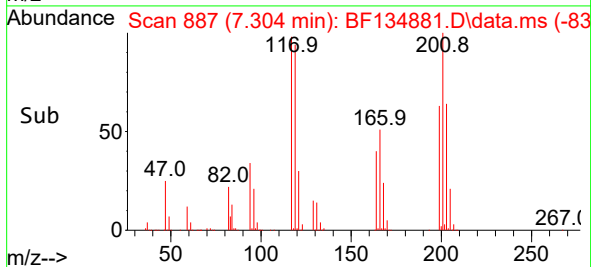
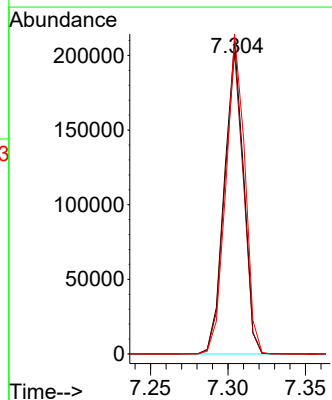
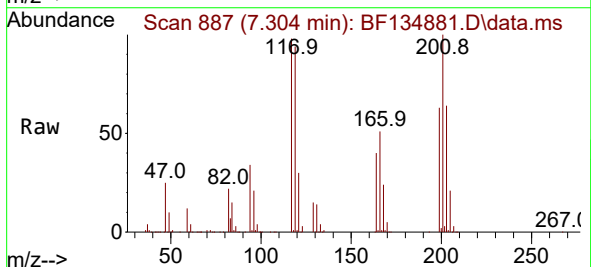
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

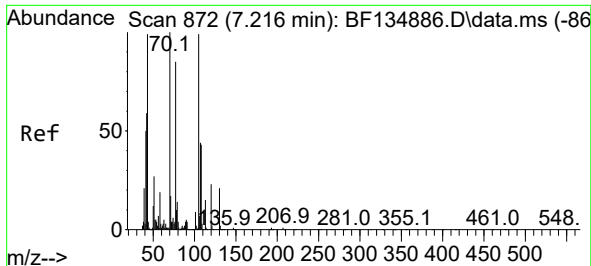
Tgt Ion:107 Resp: 413679
Ion Ratio Lower Upper
107 100
108 110.9 89.0 133.6
77 45.6 36.5 54.7
79 44.8 36.4 54.6



#18
Hexachloroethane
Concen: 39.629 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.000 min
Lab File: BF134881.D
Acq: 22 Aug 2023 12:32

Tgt Ion:117 Resp: 178983
Ion Ratio Lower Upper
117 100
119 96.3 76.6 114.8
201 102.0 83.4 125.2

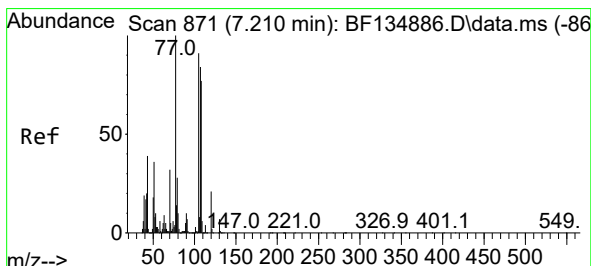
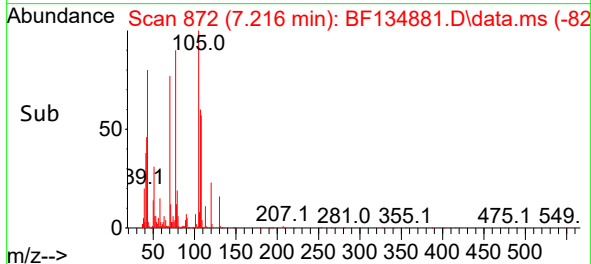
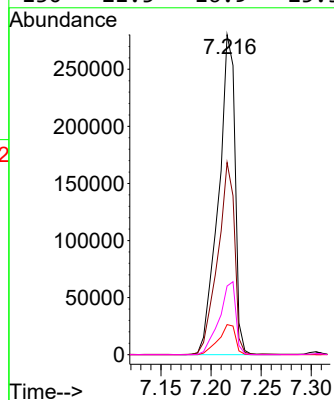
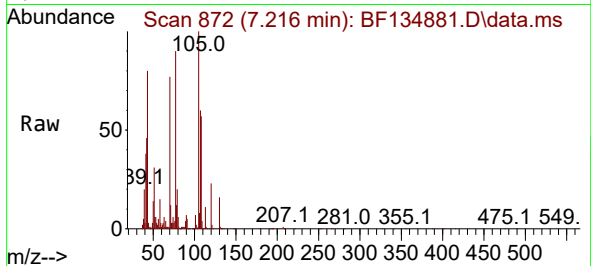




#19
n-Nitroso-di-n-propylamine
Concen: 37.907 ng
RT: 7.216 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF134881.D
Acq: 22 Aug 2023 12:32

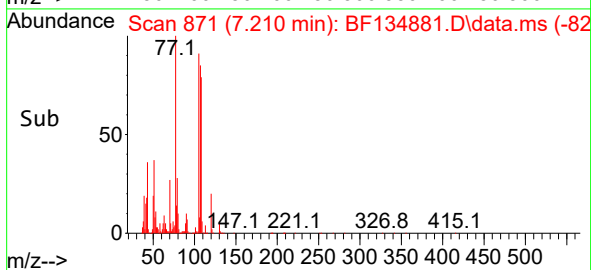
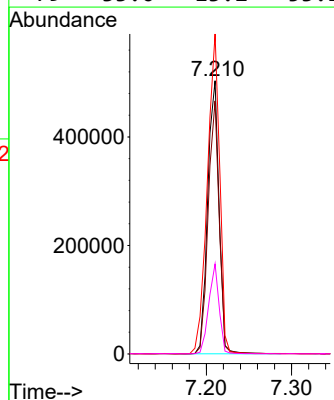
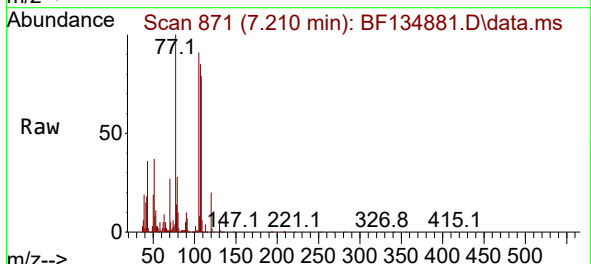
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

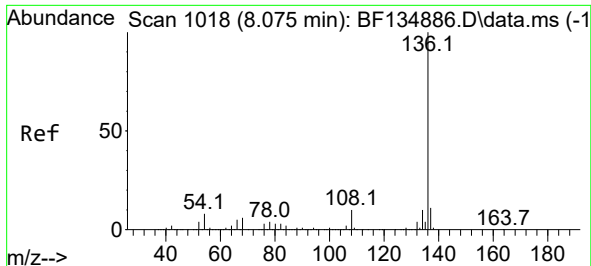
Tgt Ion: 70 Resp: 322298
Ion Ratio Lower Upper
70 100
42 60.1 46.9 70.3
101 9.4 7.5 11.3
130 21.5 16.9 25.3



#20
3+4-Methylphenols
Concen: 40.137 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF134881.D
Acq: 22 Aug 2023 12:32

Tgt Ion: 107 Resp: 466226
Ion Ratio Lower Upper
107 100
108 92.7 71.7 111.7
77 117.1 98.4 138.4
79 33.0 13.2 53.2



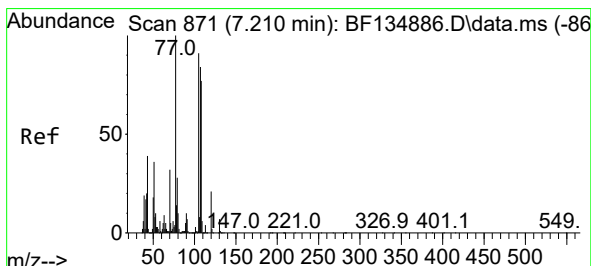
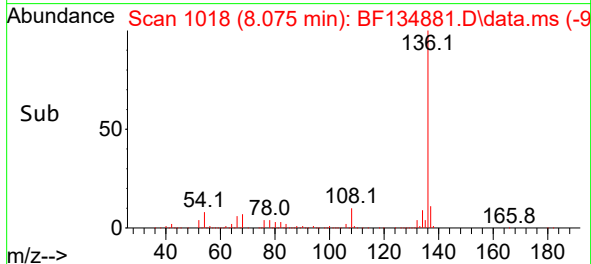
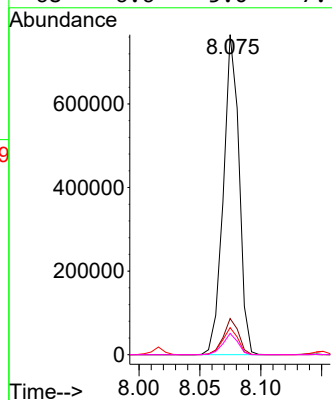
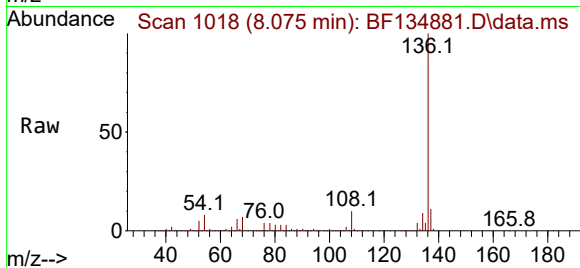


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.000 min
Lab File: BF134881.D
Acq: 22 Aug 2023 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 688709

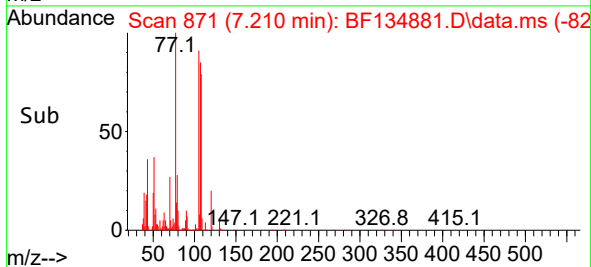
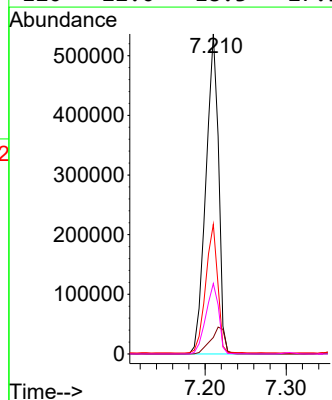
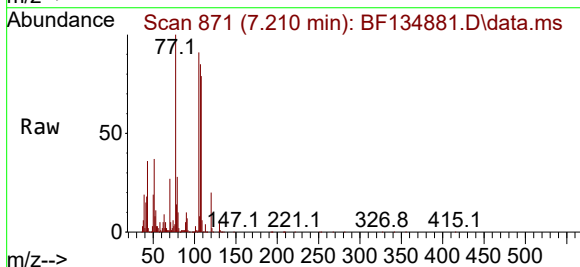
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.5	6.6	9.8
68	6.6	5.0	7.4

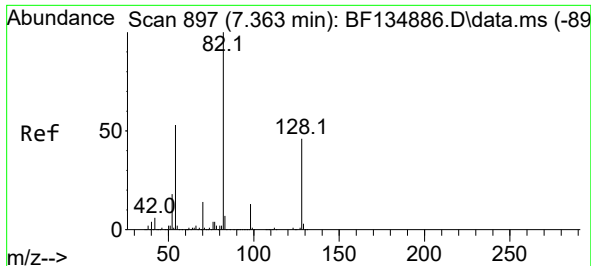


#22
Acetophenone
Concen: 38.235 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF134881.D
Acq: 22 Aug 2023 12:32

Tgt Ion:105 Resp: 582019

Ion	Ratio	Lower	Upper
105	100		
71	5.2	4.6	6.8
51	40.5	32.2	48.2
120	22.0	18.3	27.5





#23

Nitrobenzene-d5

Concen: 79.184 ng

RT: 7.363 min Scan# 89

Delta R.T. -0.000 min

Lab File: BF134881.D

Acq: 22 Aug 2023 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

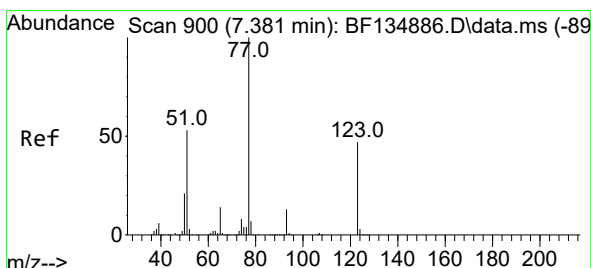
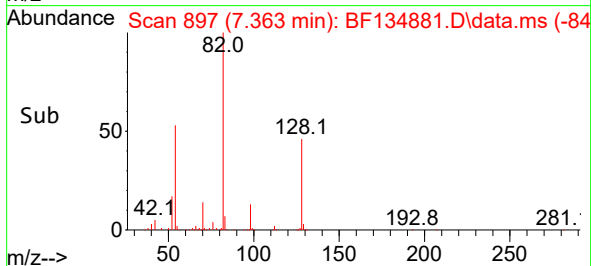
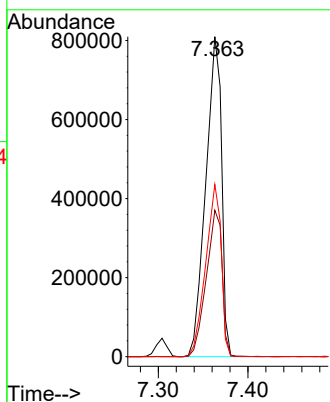
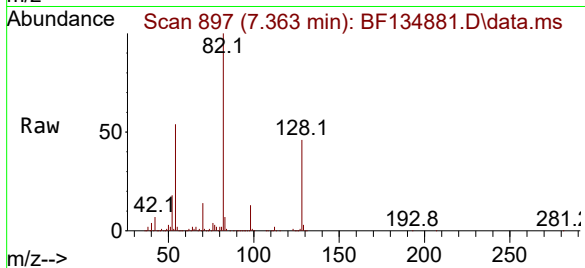
Tgt Ion: 82 Resp: 989681

Ion Ratio Lower Upper

82 100

128 45.8 36.6 54.8

54 53.8 42.6 63.8



#24

Nitrobenzene

Concen: 40.093 ng

RT: 7.381 min Scan# 900

Delta R.T. -0.000 min

Lab File: BF134881.D

Acq: 22 Aug 2023 12:32

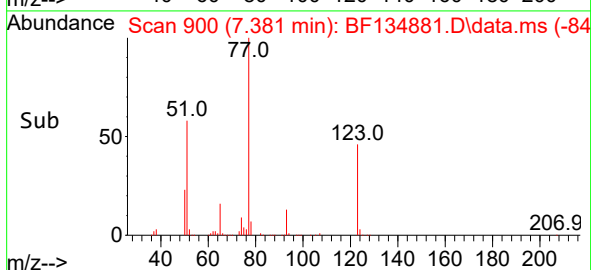
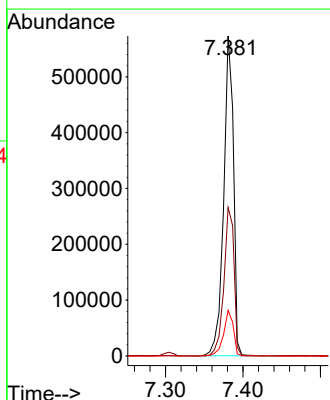
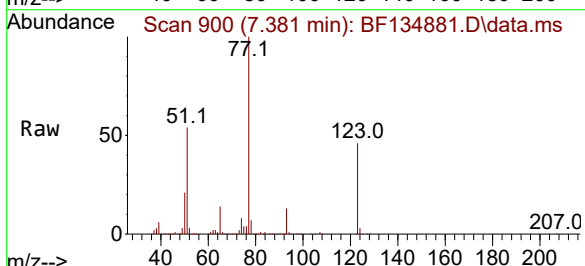
Tgt Ion: 77 Resp: 502819

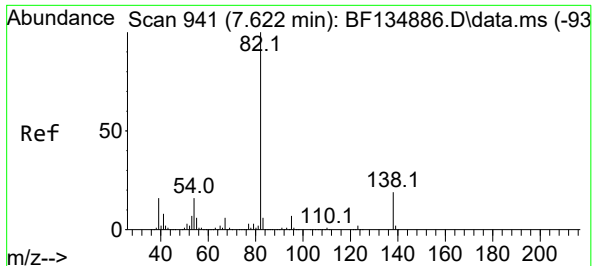
Ion Ratio Lower Upper

77 100

123 46.4 37.9 56.9

65 14.2 11.1 16.7

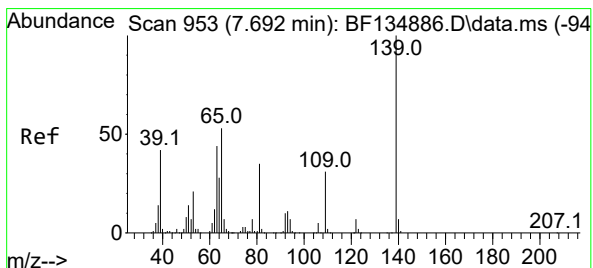
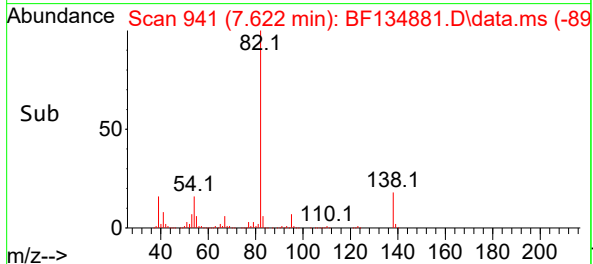
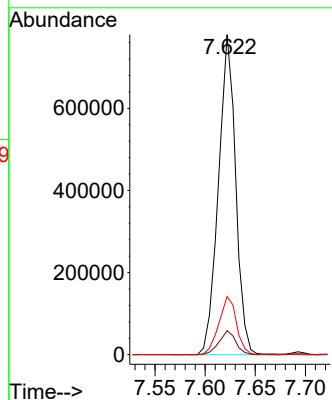
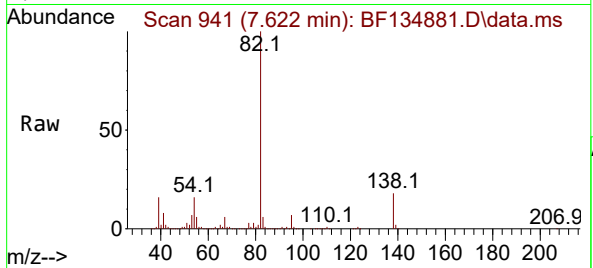




#25
Isophorone
Concen: 39.930 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.000 min
Lab File: BF134881.D
Acq: 22 Aug 2023 12:32

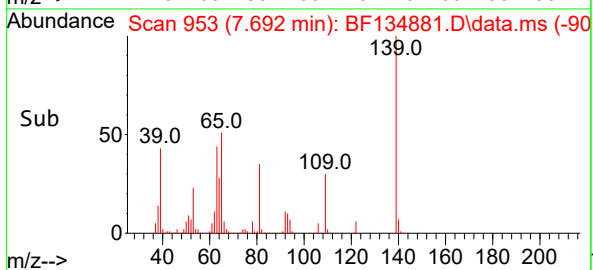
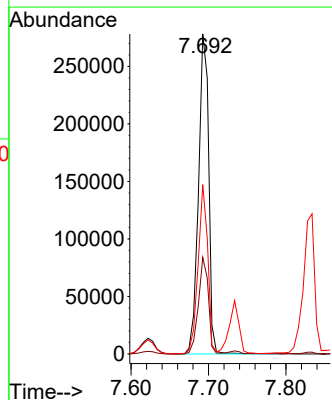
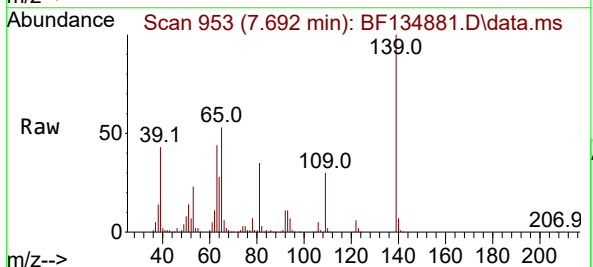
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

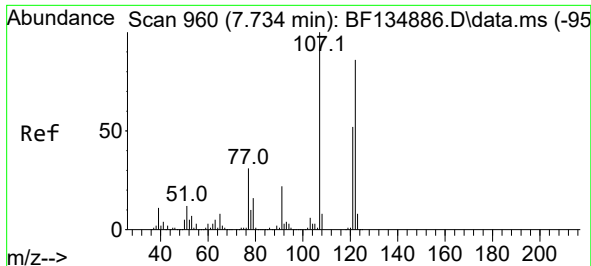
Tgt Ion: 82 Resp: 931889
Ion Ratio Lower Upper
82 100
95 7.5 5.9 8.9
138 18.1 14.9 22.3



#26
2-Nitrophenol
Concen: 40.762 ng
RT: 7.692 min Scan# 953
Delta R.T. -0.000 min
Lab File: BF134881.D
Acq: 22 Aug 2023 12:32

Tgt Ion: 139 Resp: 254502
Ion Ratio Lower Upper
139 100
109 30.2 24.5 36.7
65 52.9 42.4 63.6





#27

2,4-Dimethylphenol

Concen: 39.984 ng

RT: 7.734 min Scan# 9

Delta R.T. -0.000 min

Lab File: BF134881.D

Acq: 22 Aug 2023 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

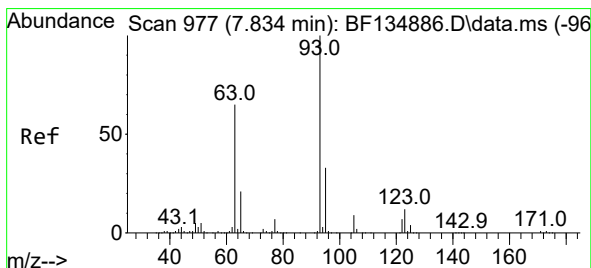
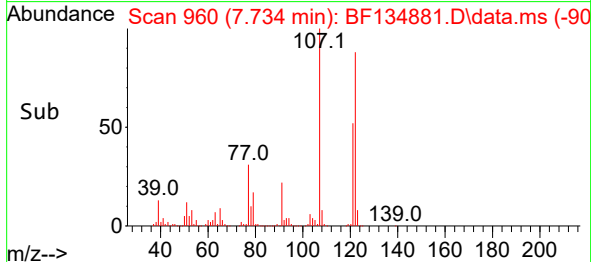
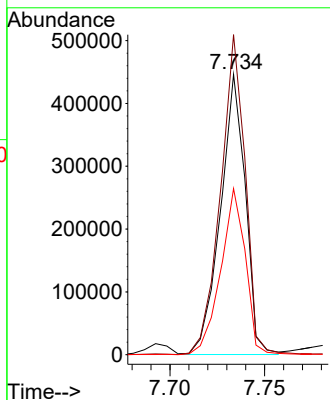
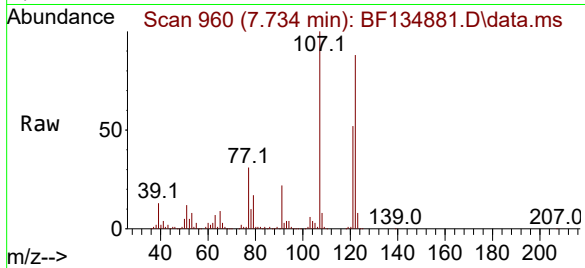
Tgt Ion:122 Resp: 407177

Ion Ratio Lower Upper

122 100

107 114.1 92.9 139.3

121 59.2 48.4 72.6



#28

bis(2-Chloroethoxy)methane

Concen: 40.274 ng

RT: 7.834 min Scan# 977

Delta R.T. -0.000 min

Lab File: BF134881.D

Acq: 22 Aug 2023 12:32

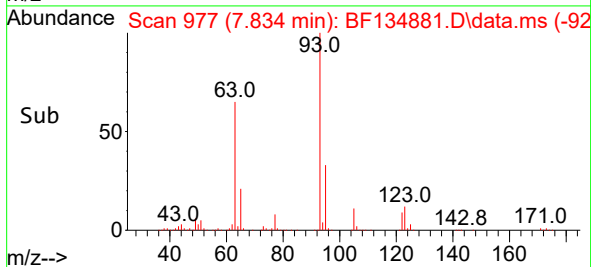
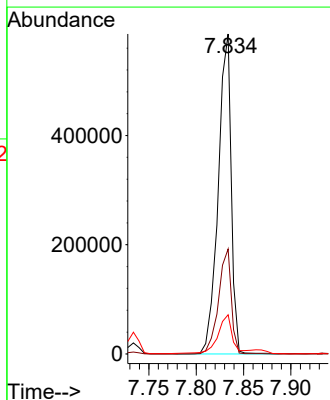
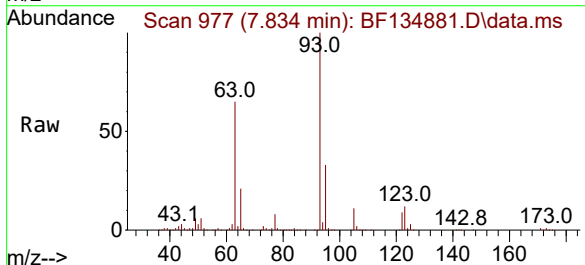
Tgt Ion: 93 Resp: 560205

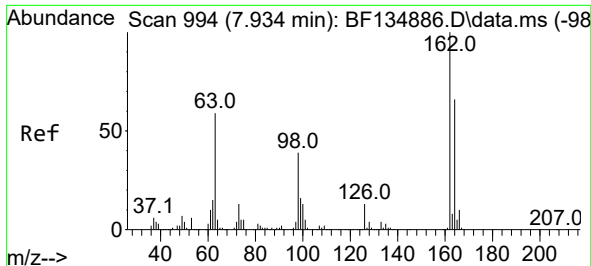
Ion Ratio Lower Upper

93 100

95 32.8 26.3 39.5

123 12.3 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 39.866 ng

RT: 7.934 min Scan# 994

Delta R.T. -0.000 min

Lab File: BF134881.D

Acq: 22 Aug 2023 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

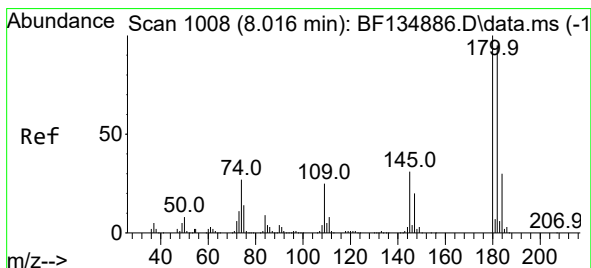
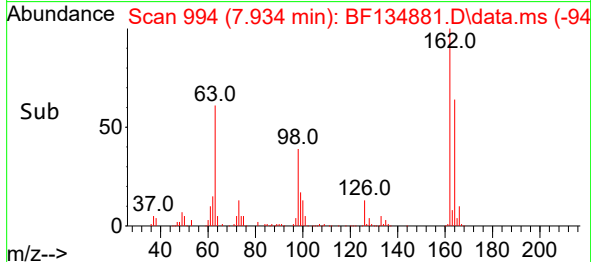
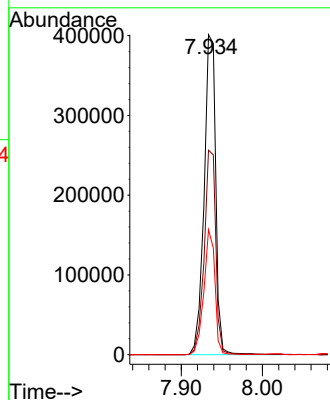
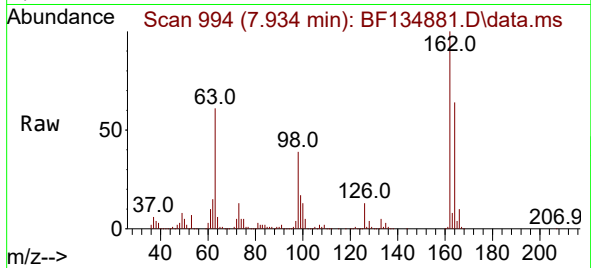
Tgt Ion:162 Resp: 401123

Ion Ratio Lower Upper

162 100

164 63.9 45.6 85.6

98 39.0 18.5 58.5



#30

1,2,4-Trichlorobenzene

Concen: 39.597 ng

RT: 8.016 min Scan# 1008

Delta R.T. -0.000 min

Lab File: BF134881.D

Acq: 22 Aug 2023 12:32

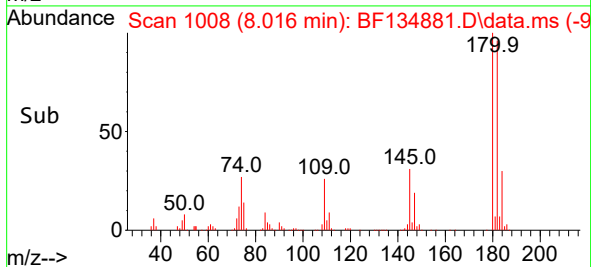
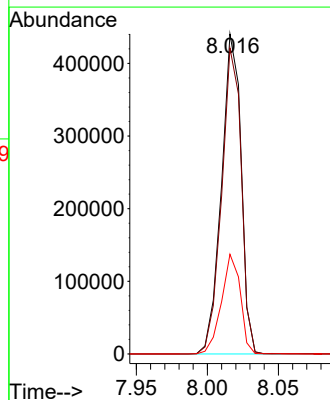
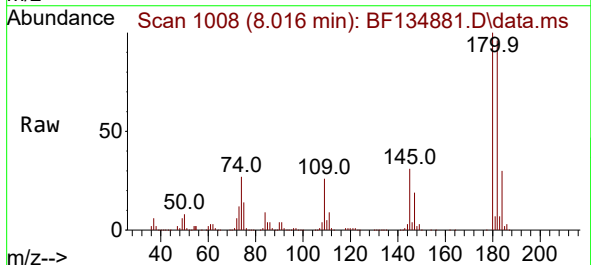
Tgt Ion:180 Resp: 422985

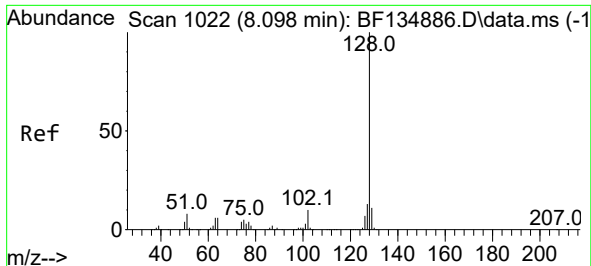
Ion Ratio Lower Upper

180 100

182 95.6 76.0 114.0

145 31.1 24.6 37.0

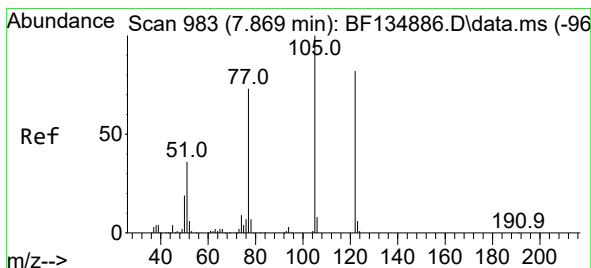
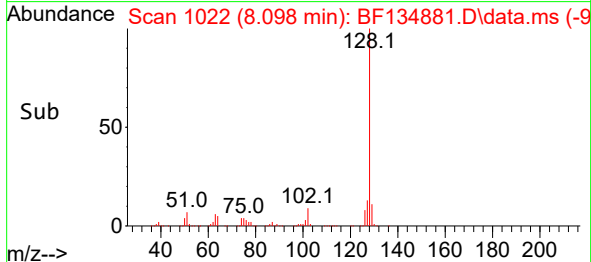
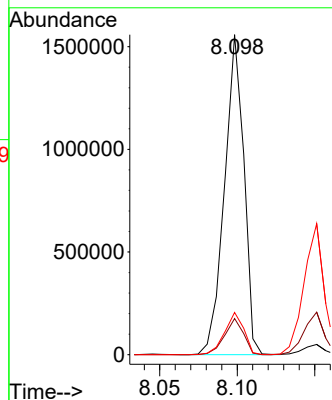
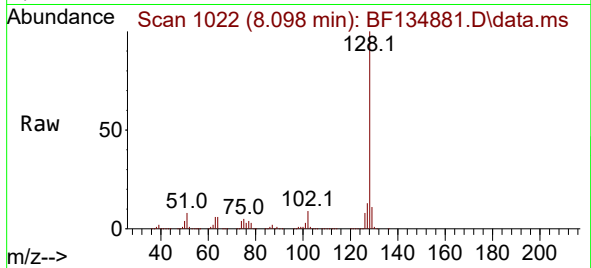




#31
Naphthalene
Concen: 39.416 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.000 min
Lab File: BF134881.D
Acq: 22 Aug 2023 12:32

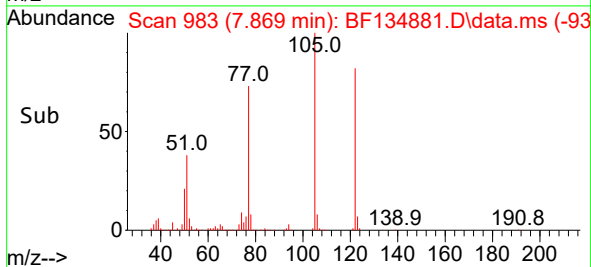
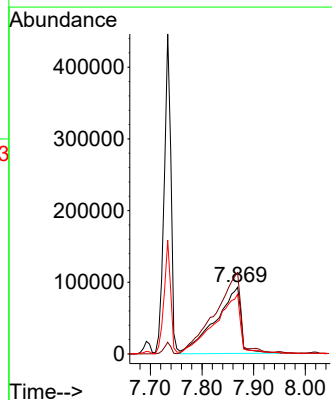
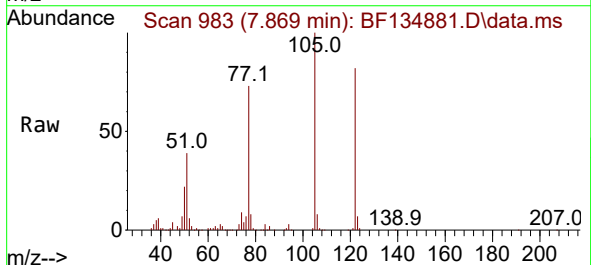
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

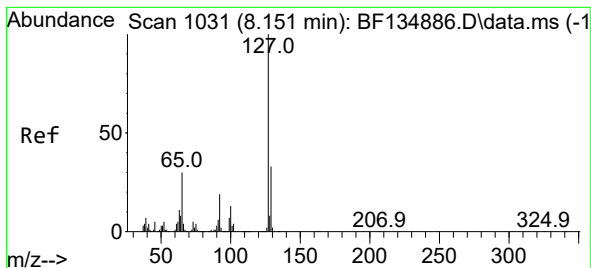
Tgt Ion:128 Resp: 1355479
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.4
127 13.2 10.6 16.0



#32
Benzoic acid
Concen: 42.605 ng
RT: 7.869 min Scan# 983
Delta R.T. -0.000 min
Lab File: BF134881.D
Acq: 22 Aug 2023 12:32

Tgt Ion:122 Resp: 319578
Ion Ratio Lower Upper
122 100
105 122.0 98.6 138.6
77 89.4 68.6 108.6





#33

4-Chloroaniline

Concen: 39.694 ng

RT: 8.151 min Scan# 1031

Delta R.T. -0.000 min

Lab File: BF134881.D

Acq: 22 Aug 2023 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 585685

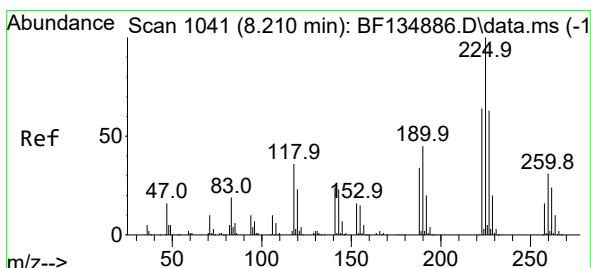
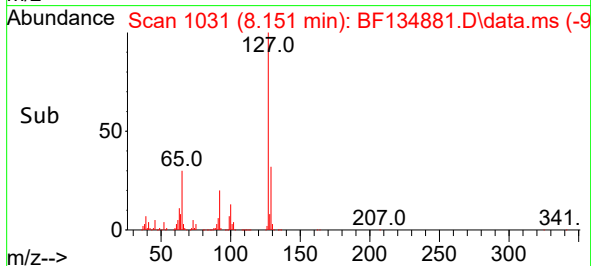
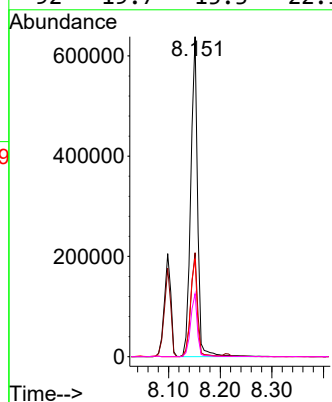
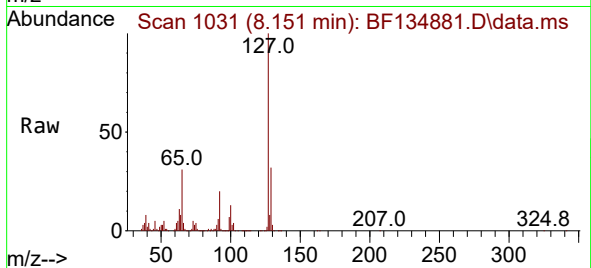
Ion Ratio Lower Upper

127 100

129 32.5 26.4 39.6

65 30.6 23.8 35.8

92 19.7 15.3 22.9



#34

Hexachlorobutadiene

Concen: 39.703 ng

RT: 8.216 min Scan# 1042

Delta R.T. 0.006 min

Lab File: BF134881.D

Acq: 22 Aug 2023 12:32

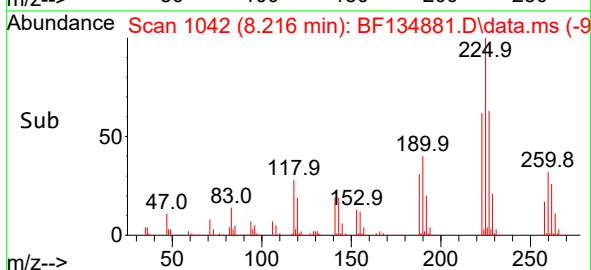
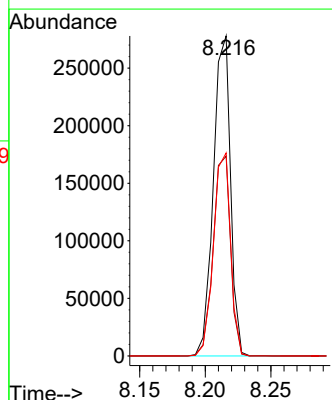
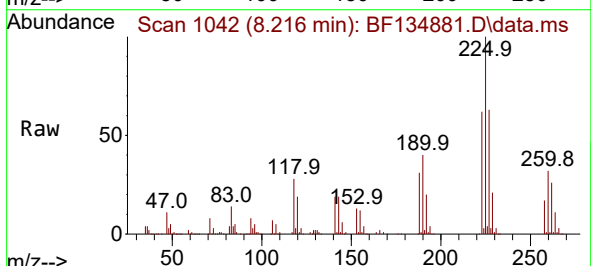
Tgt Ion:225 Resp: 252241

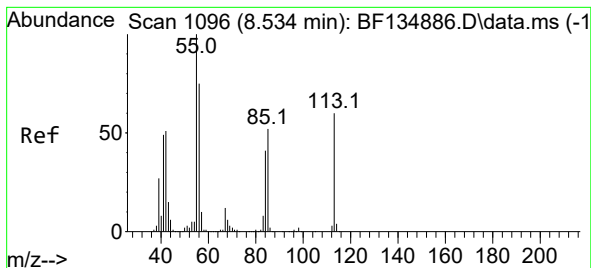
Ion Ratio Lower Upper

225 100

223 62.5 51.1 76.7

227 63.5 50.1 75.1





#35

Caprolactam

Concen: 41.181 ng

RT: 8.534 min Scan# 1096

Delta R.T. -0.000 min

Lab File: BF134881.D

Acq: 22 Aug 2023 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

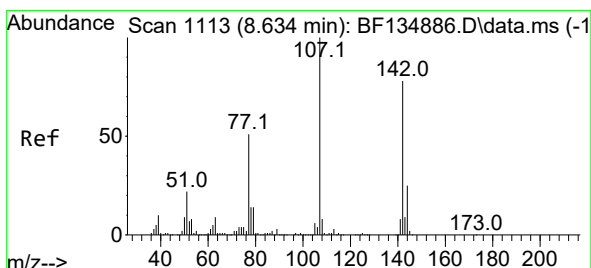
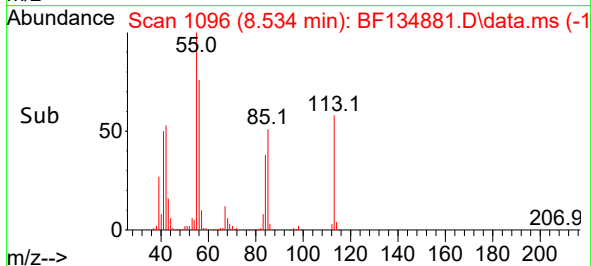
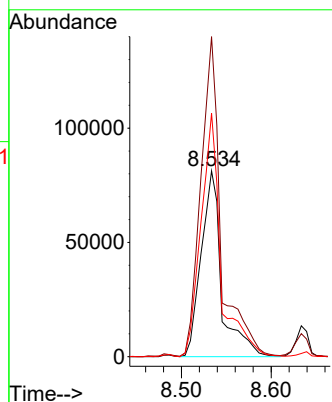
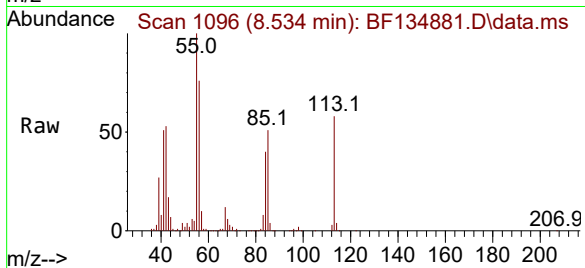
Tgt Ion:113 Resp: 128943

Ion Ratio Lower Upper

113 100

55 172.2 147.2 187.2

56 131.1 106.0 146.0



#36

4-Chloro-3-methylphenol

Concen: 39.565 ng

RT: 8.634 min Scan# 1113

Delta R.T. -0.000 min

Lab File: BF134881.D

Acq: 22 Aug 2023 12:32

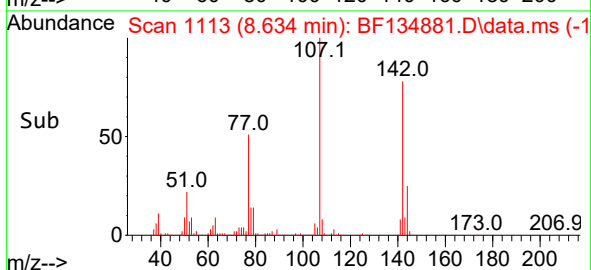
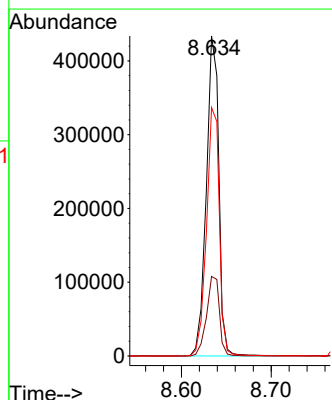
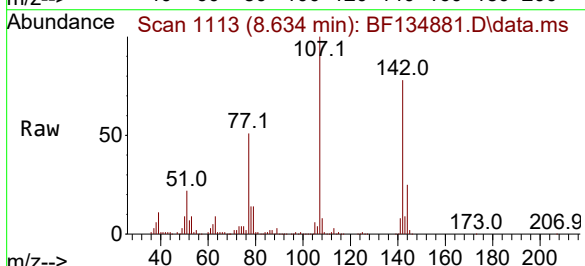
Tgt Ion:107 Resp: 420106

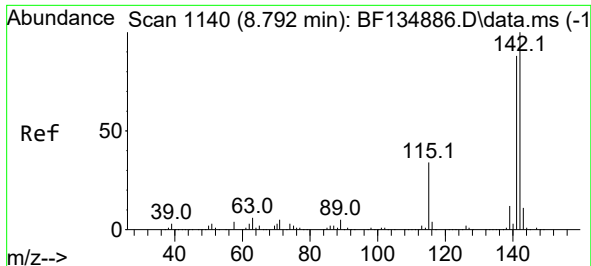
Ion Ratio Lower Upper

107 100

144 24.9 20.2 30.2

142 77.6 62.5 93.7

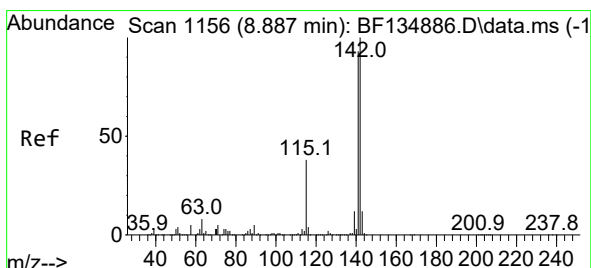
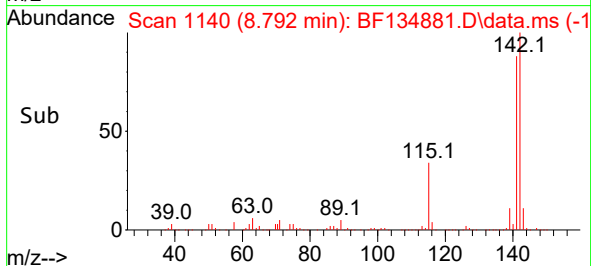
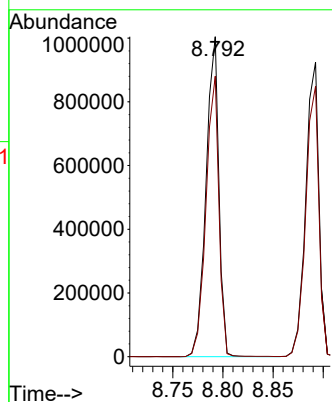
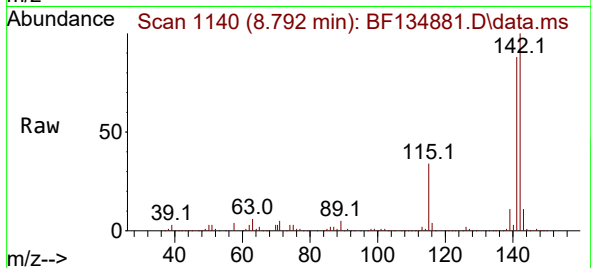




#37
2-Methylnaphthalene
Concen: 39.308 ng
RT: 8.792 min Scan# 1140
Delta R.T. -0.000 min
Lab File: BF134881.D
Acq: 22 Aug 2023 12:32

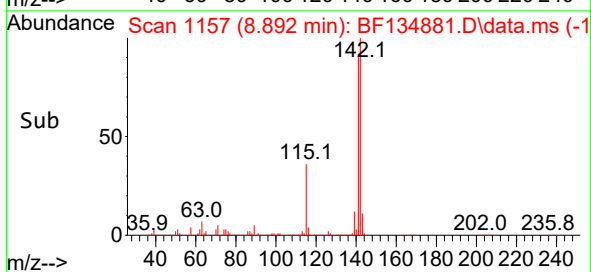
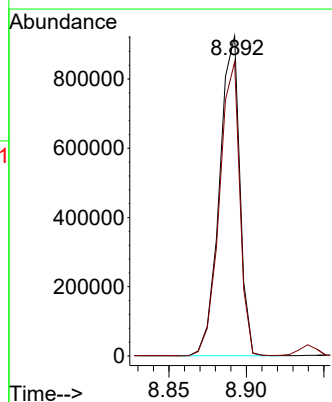
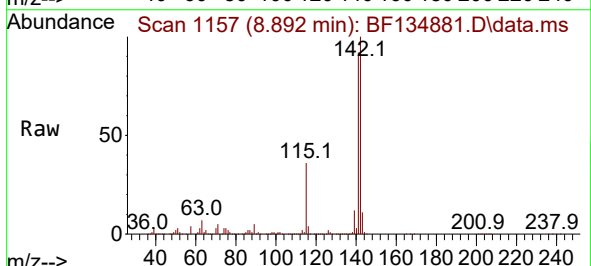
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

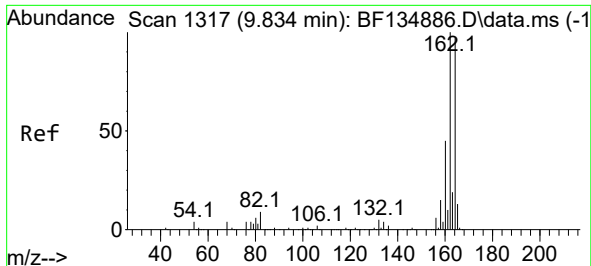
Tgt Ion:142 Resp: 901475
Ion Ratio Lower Upper
142 100
141 87.7 70.2 105.2



#38
1-Methylnaphthalene
Concen: 39.310 ng
RT: 8.892 min Scan# 1157
Delta R.T. 0.006 min
Lab File: BF134881.D
Acq: 22 Aug 2023 12:32

Tgt Ion:142 Resp: 842998
Ion Ratio Lower Upper
142 100
141 91.9 74.1 111.1

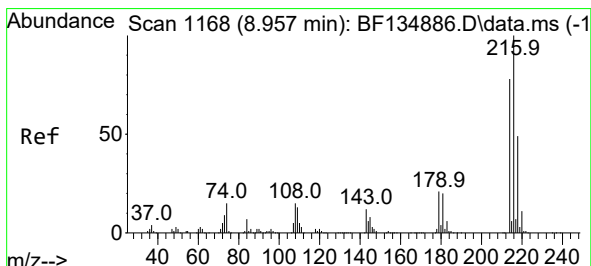
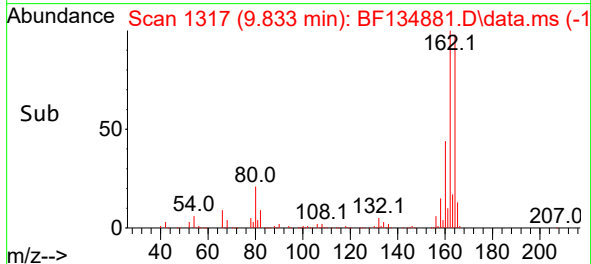
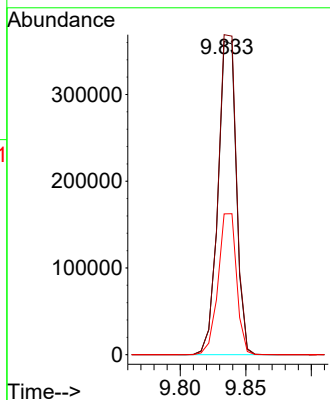
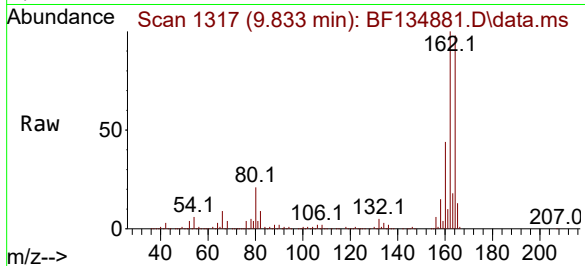




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134881.D
Acq: 22 Aug 2023 12:32

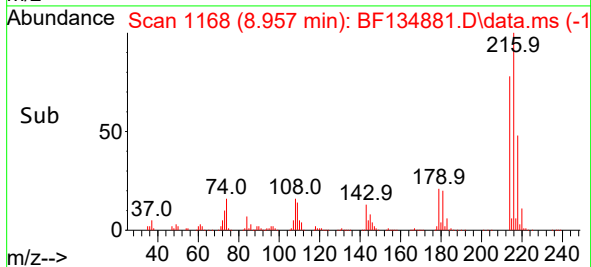
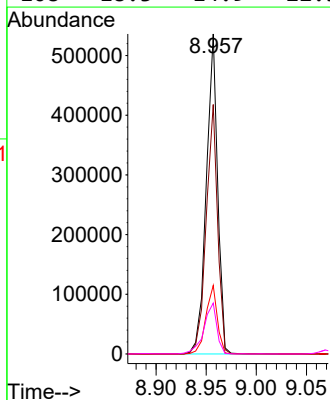
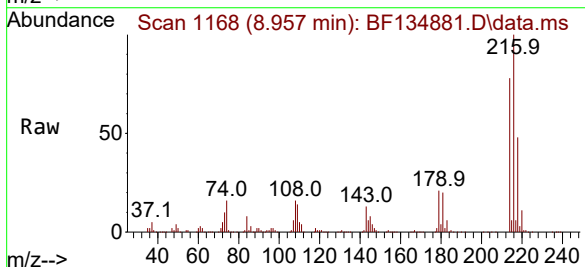
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

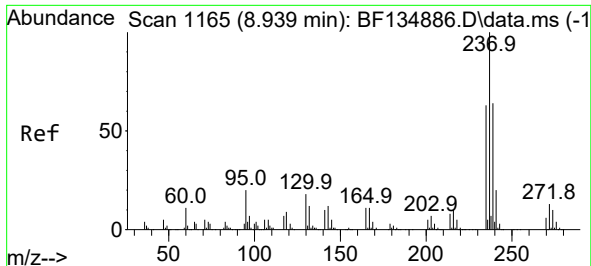
Tgt Ion:164 Resp: 350038
Ion Ratio Lower Upper
164 100
162 102.2 82.6 123.8
160 45.0 37.0 55.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.617 ng
RT: 8.957 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF134881.D
Acq: 22 Aug 2023 12:32

Tgt Ion:216 Resp: 422562
Ion Ratio Lower Upper
216 100
214 78.3 63.1 94.7
179 21.5 17.3 25.9
108 18.3 14.9 22.3

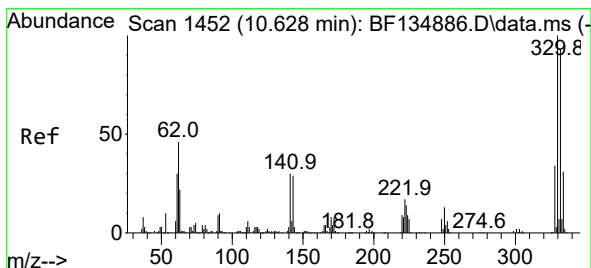
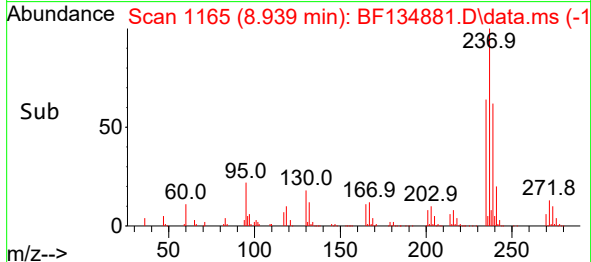
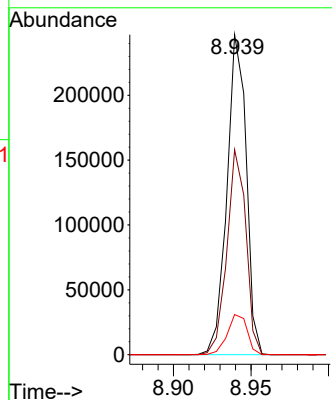
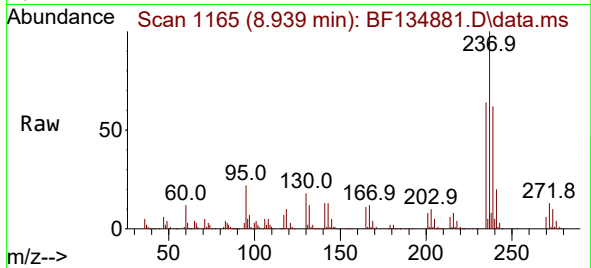




#41
Hexachlorocyclopentadiene
Concen: 43.193 ng
RT: 8.939 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF134881.D
Acq: 22 Aug 2023 12:32

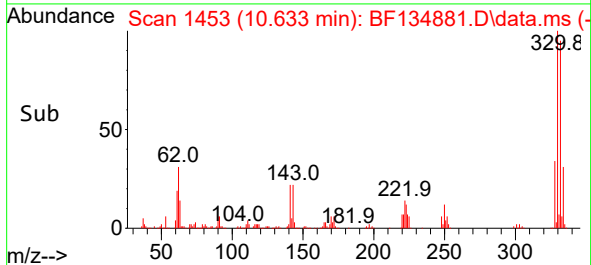
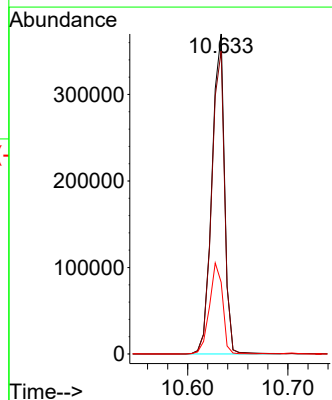
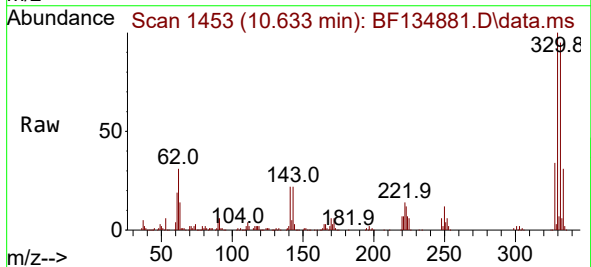
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

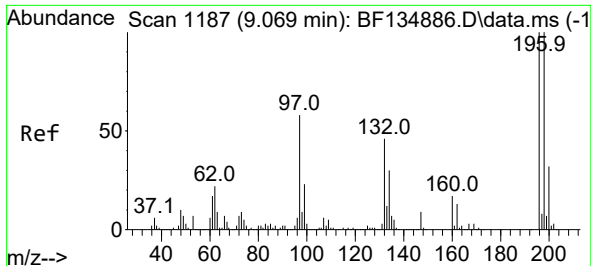
Tgt Ion:237 Resp: 213783
Ion Ratio Lower Upper
237 100
235 64.0 43.1 83.1
272 12.6 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 78.664 ng
RT: 10.633 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BF134881.D
Acq: 22 Aug 2023 12:32

Tgt Ion:330 Resp: 324298
Ion Ratio Lower Upper
330 100
332 96.8 76.3 114.5
141 29.6 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 39.616 ng

RT: 9.069 min Scan# 1187

Delta R.T. -0.000 min

Lab File: BF134881.D

Acq: 22 Aug 2023 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

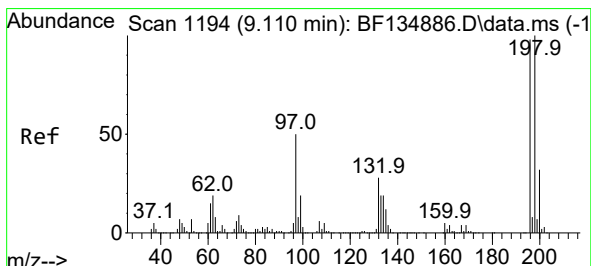
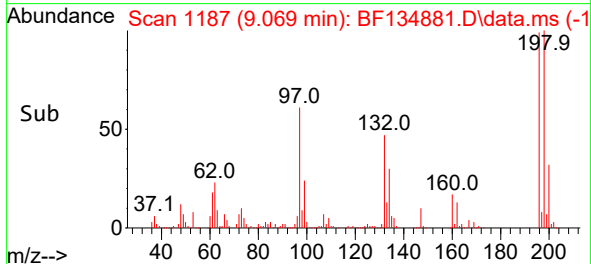
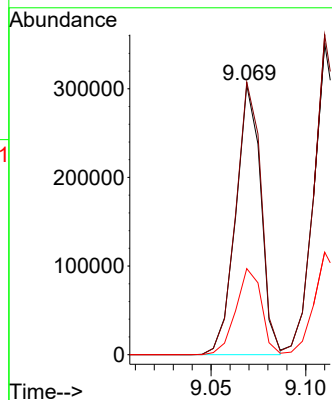
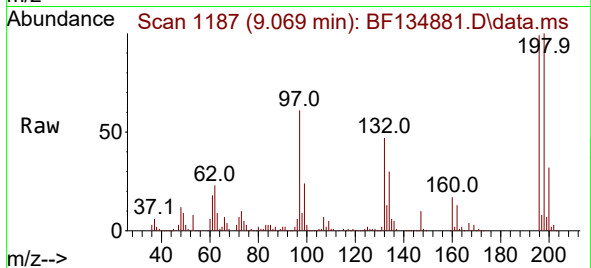
Tgt Ion:196 Resp: 279069

Ion Ratio Lower Upper

196 100

198 101.1 79.8 119.6

200 31.9 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 39.623 ng

RT: 9.110 min Scan# 1194

Delta R.T. -0.000 min

Lab File: BF134881.D

Acq: 22 Aug 2023 12:32

Tgt Ion:196 Resp: 323147

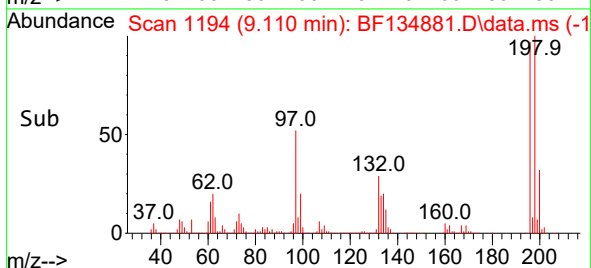
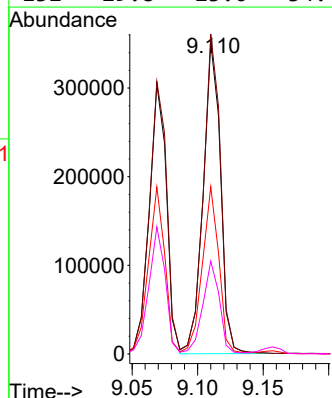
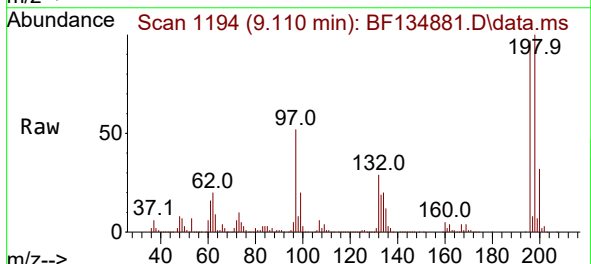
Ion Ratio Lower Upper

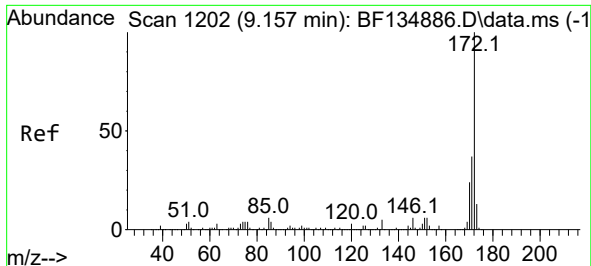
196 100

198 102.7 81.8 122.6

97 53.7 41.3 61.9

132 29.8 23.0 34.4

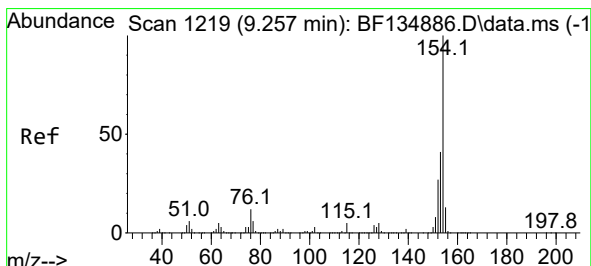
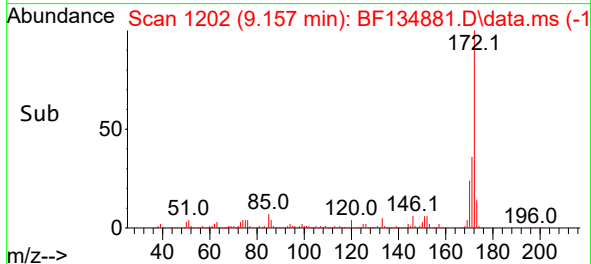
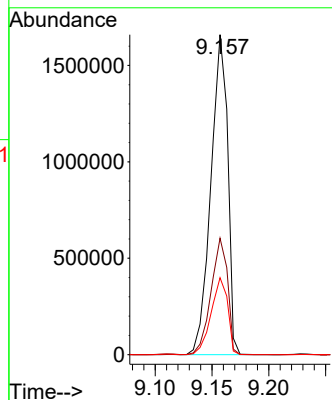
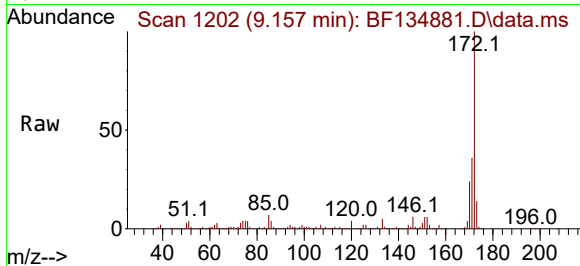




#45
2-Fluorobiphenyl
Concen: 75.365 ng
RT: 9.157 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134881.D
Acq: 22 Aug 2023 12:32

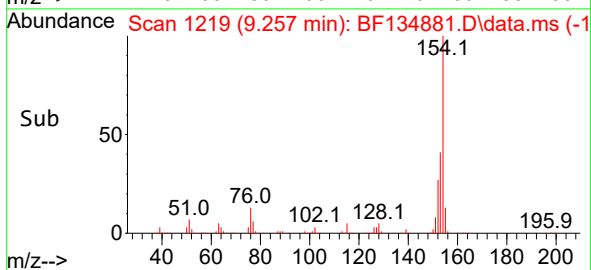
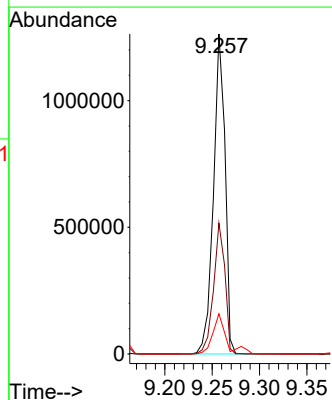
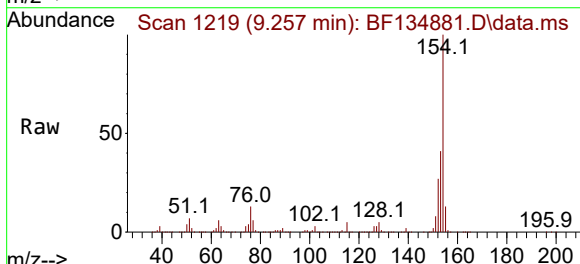
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

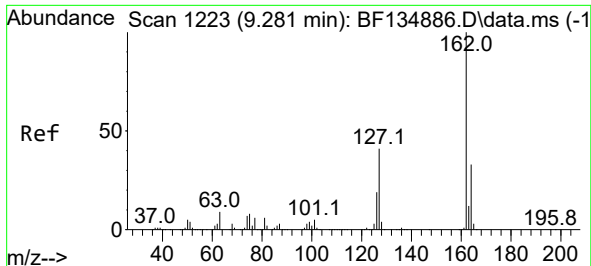
Tgt Ion:172 Resp: 1706023
Ion Ratio Lower Upper
172 100
171 36.4 29.4 44.0
170 24.1 19.6 29.4



#46
1,1'-Biphenyl
Concen: 38.694 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.000 min
Lab File: BF134881.D
Acq: 22 Aug 2023 12:32

Tgt Ion:154 Resp: 1069314
Ion Ratio Lower Upper
154 100
153 40.9 21.3 61.3
76 12.6 0.0 31.8





#47

2-Chloronaphthalene

Concen: 39.012 ng

RT: 9.281 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF134881.D

Acq: 22 Aug 2023 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

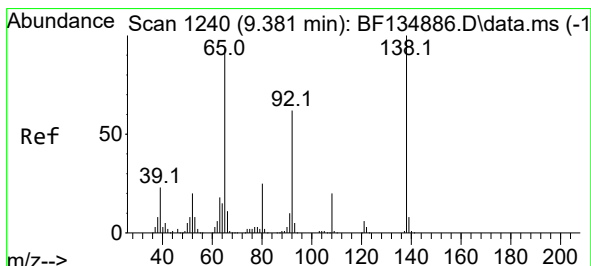
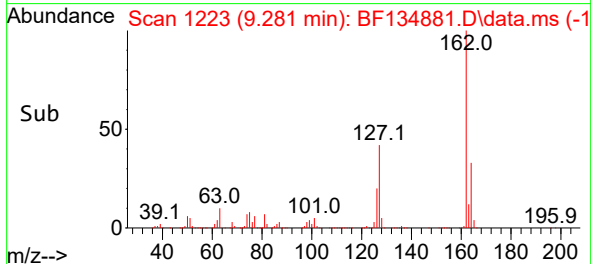
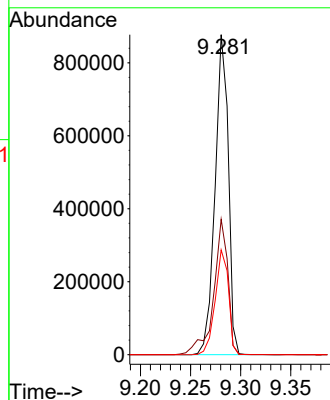
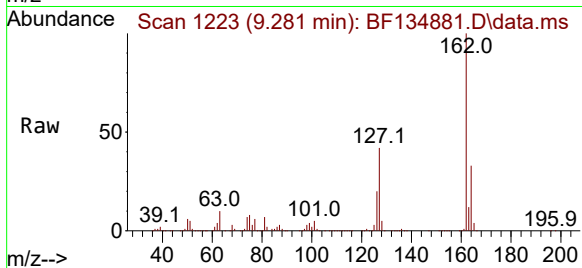
Tgt Ion:162 Resp: 805126

Ion Ratio Lower Upper

162 100

127 42.3 33.4 50.0

164 32.8 26.6 39.8



#48

2-Nitroaniline

Concen: 40.090 ng

RT: 9.381 min Scan# 1240

Delta R.T. -0.000 min

Lab File: BF134881.D

Acq: 22 Aug 2023 12:32

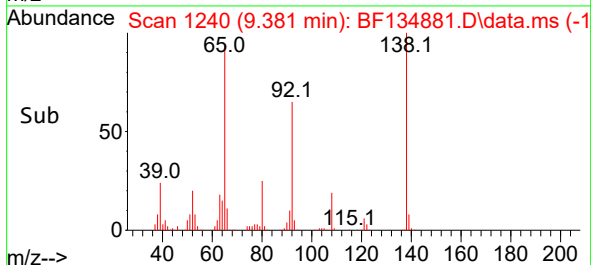
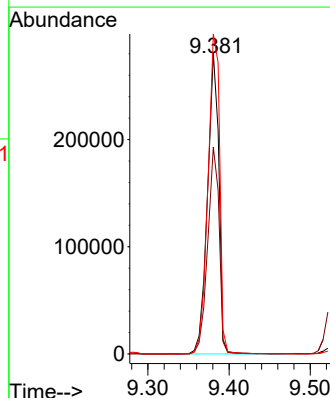
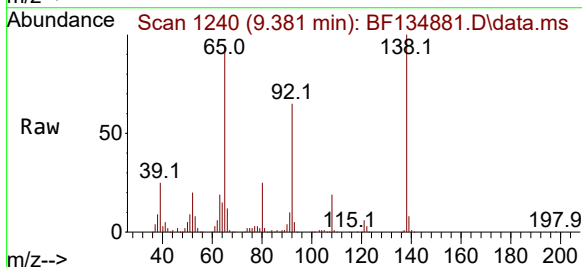
Tgt Ion: 65 Resp: 271973

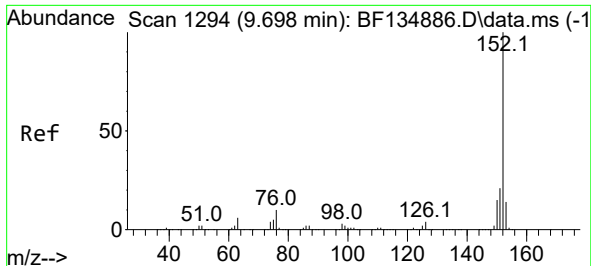
Ion Ratio Lower Upper

65 100

92 68.7 53.8 80.8

138 106.3 86.5 129.7





#49

Acenaphthylene

Concen: 39.345 ng

RT: 9.698 min Scan# 1294

Delta R.T. 0.000 min

Lab File: BF134881.D

Acq: 22 Aug 2023 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

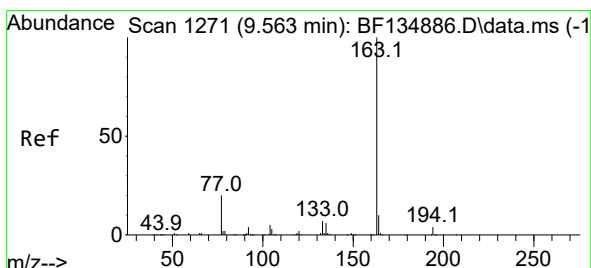
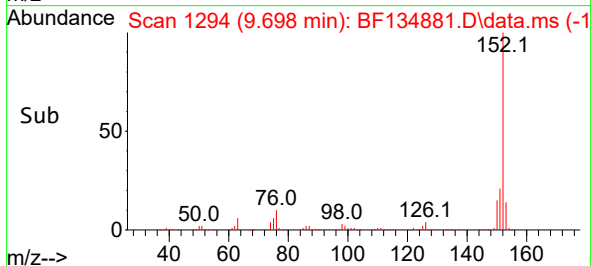
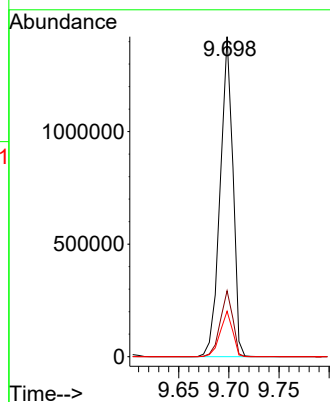
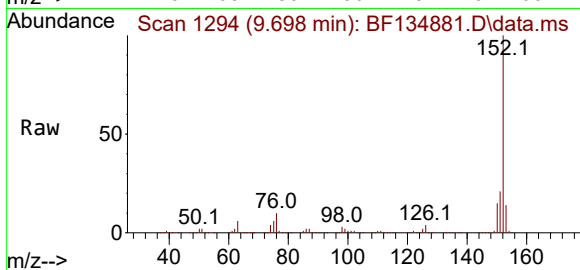
Tgt Ion:152 Resp: 1250483

Ion Ratio Lower Upper

152 100

151 20.6 16.5 24.7

153 14.2 11.3 16.9



#50

Dimethylphthalate

Concen: 39.211 ng

RT: 9.569 min Scan# 1272

Delta R.T. 0.006 min

Lab File: BF134881.D

Acq: 22 Aug 2023 12:32

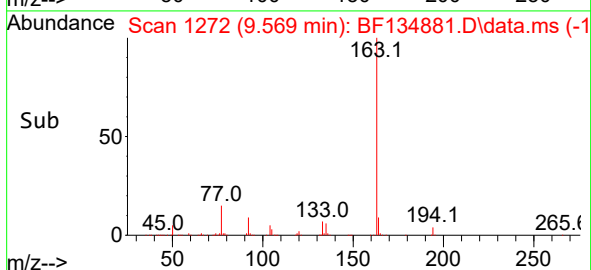
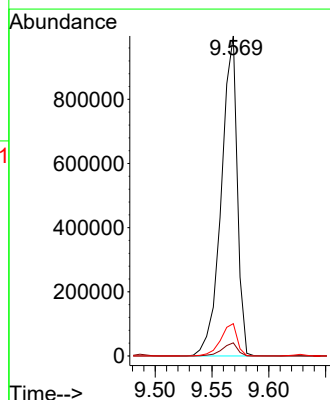
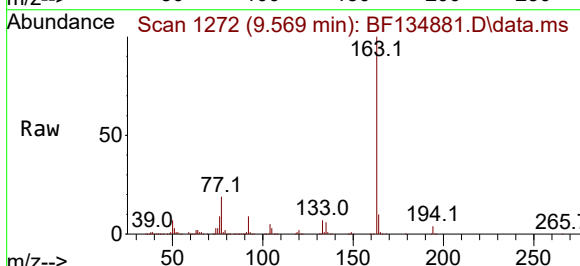
Tgt Ion:163 Resp: 976995

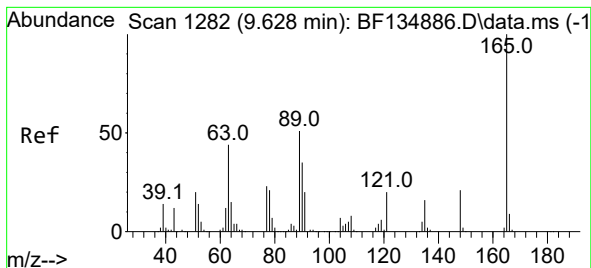
Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

164 10.1 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 39.562 ng

RT: 9.628 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF134881.D

Acq: 22 Aug 2023 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

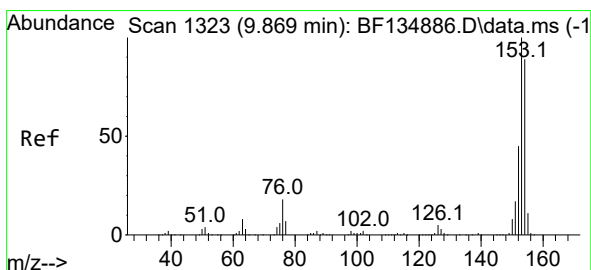
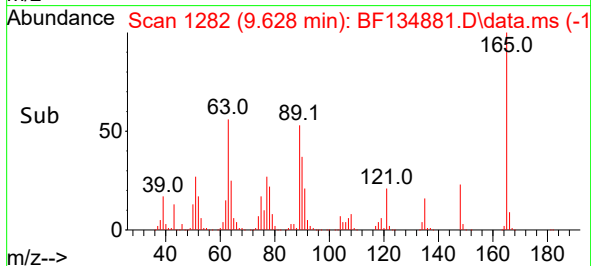
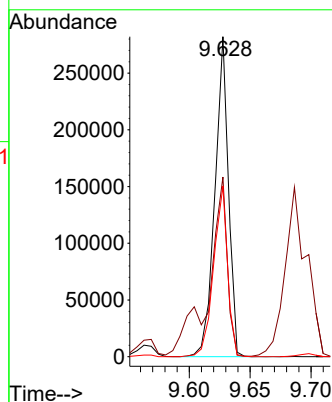
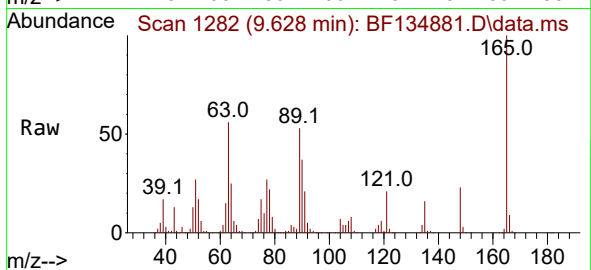
Tgt Ion:165 Resp: 217412

Ion Ratio Lower Upper

165 100

63 56.2 41.4 62.2

89 53.3 40.9 61.3



#52

Acenaphthene

Concen: 38.868 ng

RT: 9.869 min Scan# 1323

Delta R.T. -0.000 min

Lab File: BF134881.D

Acq: 22 Aug 2023 12:32

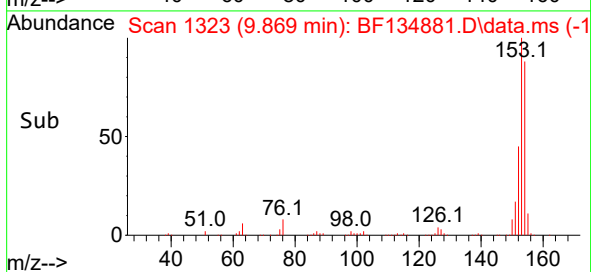
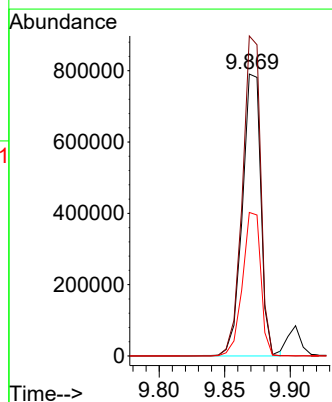
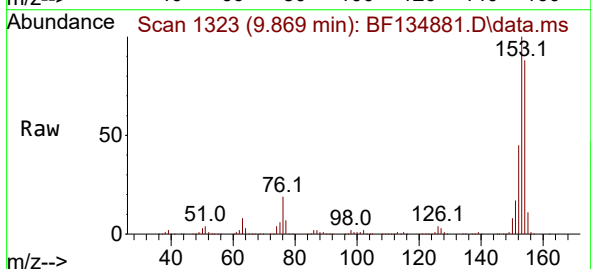
Tgt Ion:154 Resp: 778212

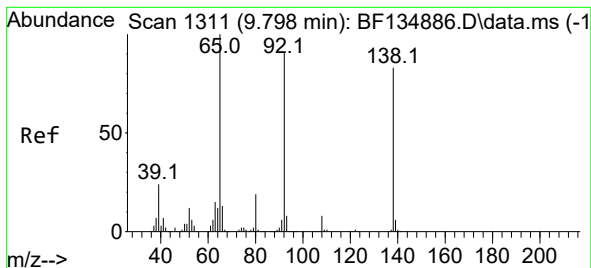
Ion Ratio Lower Upper

154 100

153 113.5 89.6 134.4

152 50.9 40.5 60.7





#53

3-Nitroaniline

Concen: 40.196 ng

RT: 9.798 min Scan# 1311

Delta R.T. -0.000 min

Lab File: BF134881.D

Acq: 22 Aug 2023 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

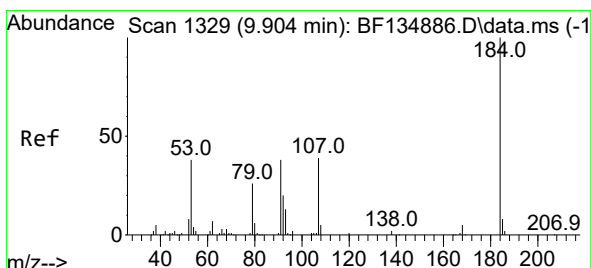
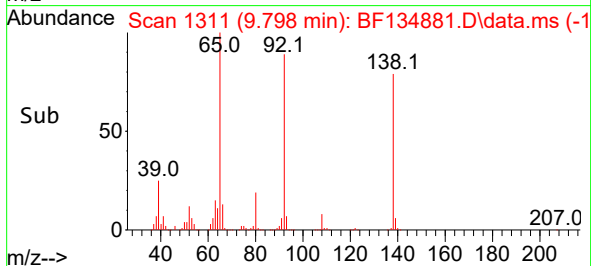
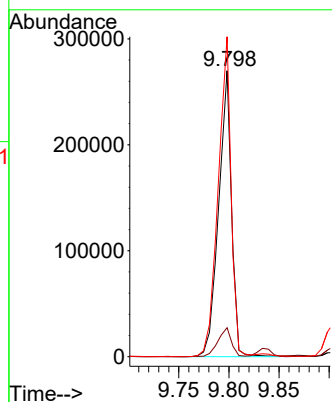
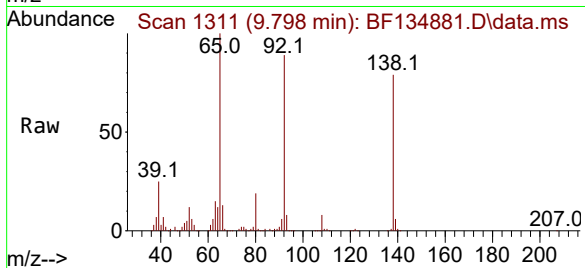
Tgt Ion:138 Resp: 241270

Ion Ratio Lower Upper

138 100

108 10.1 8.0 12.0

92 111.9 87.6 131.4



#54

2,4-Dinitrophenol

Concen: 39.216 ng

RT: 9.904 min Scan# 1329

Delta R.T. 0.000 min

Lab File: BF134881.D

Acq: 22 Aug 2023 12:32

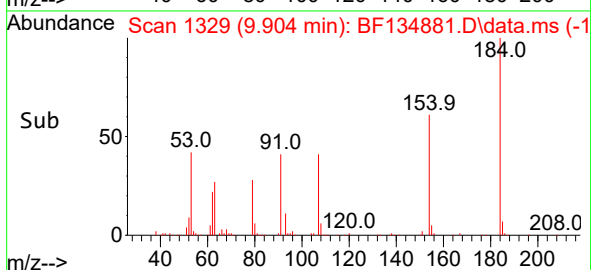
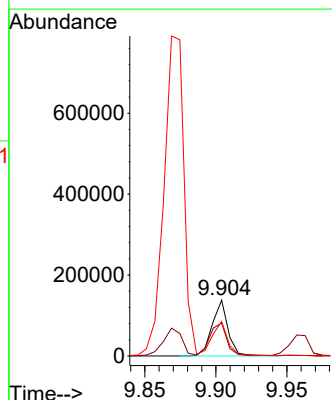
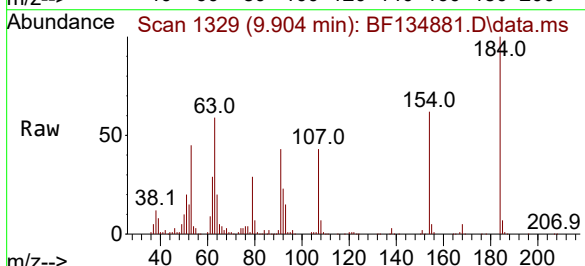
Tgt Ion:184 Resp: 107859

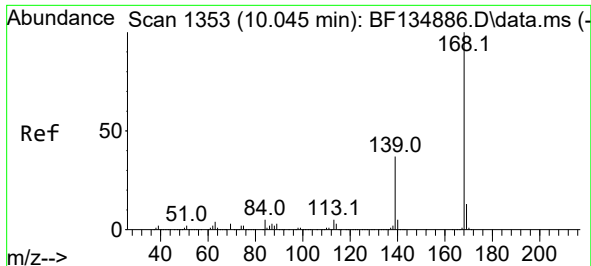
Ion Ratio Lower Upper

184 100

63 59.1 42.8 64.2

154 61.6 48.0 72.0

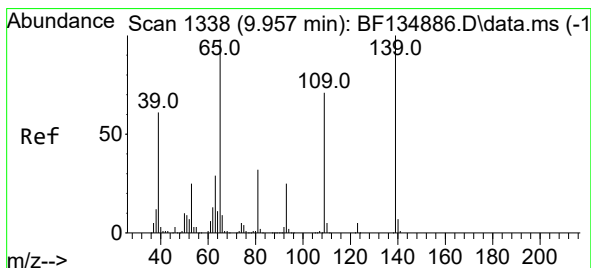
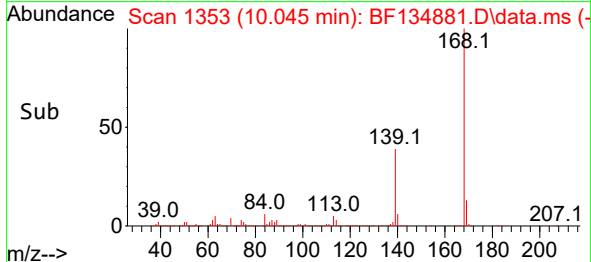
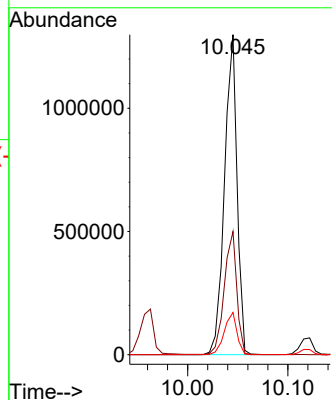
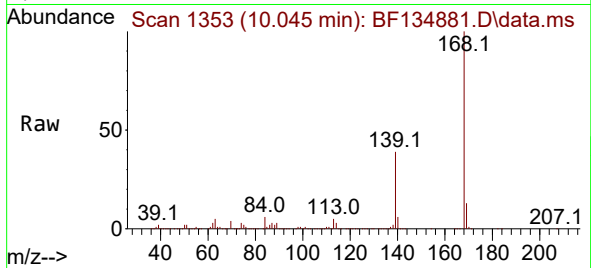




#55
Dibenzenofuran
Concen: 38.589 ng
RT: 10.045 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134881.D
Acq: 22 Aug 2023 12:32

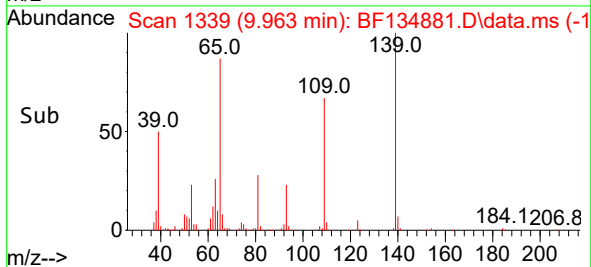
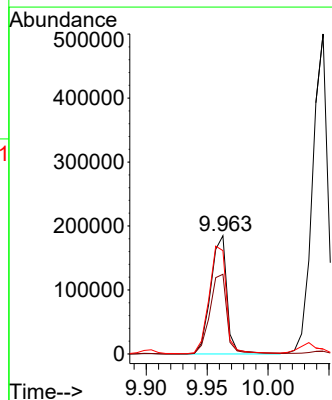
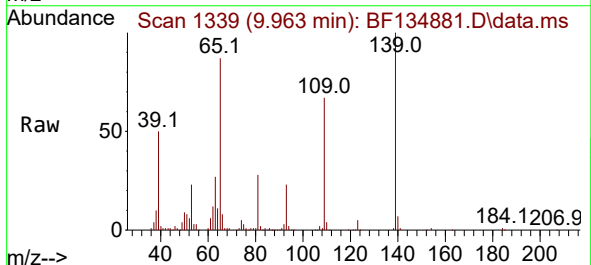
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

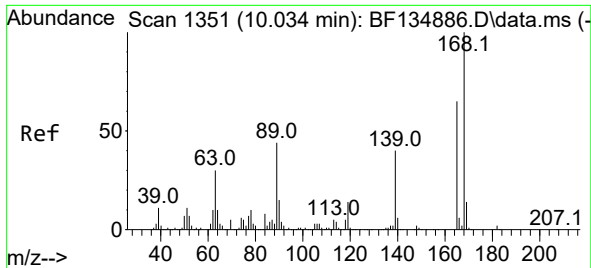
Tgt Ion:168 Resp: 1124904
Ion Ratio Lower Upper
168 100
139 38.5 29.5 44.3
169 13.2 10.7 16.1



#56
4-Nitrophenol
Concen: 41.523 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF134881.D
Acq: 22 Aug 2023 12:32

Tgt Ion:139 Resp: 173685
Ion Ratio Lower Upper
139 100
109 67.3 51.0 91.0
65 87.4 78.5 118.5

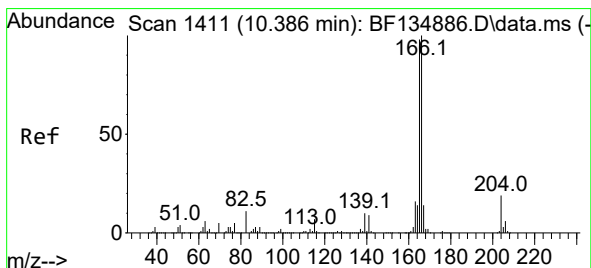
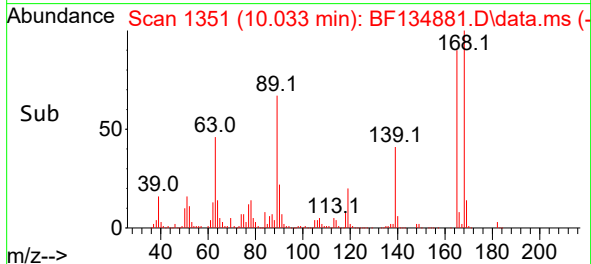
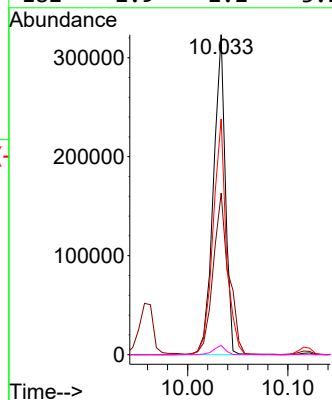
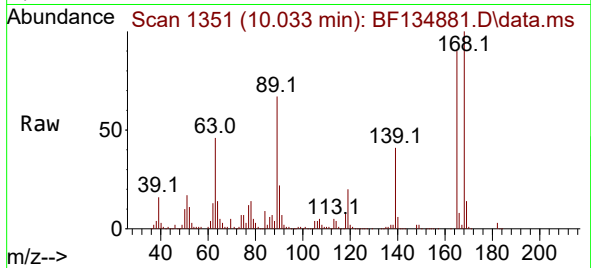




#57
2,4-Dinitrotoluene
Concen: 39.591 ng
RT: 10.033 min Scan# 11
Delta R.T. -0.001 min
Lab File: BF134881.D
Acq: 22 Aug 2023 12:32

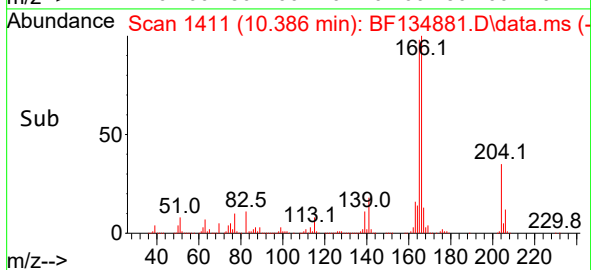
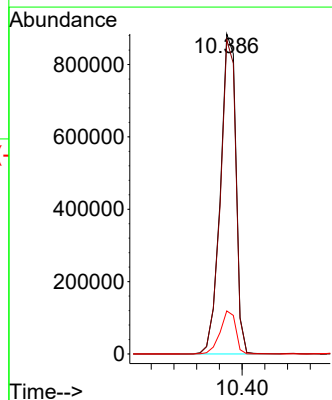
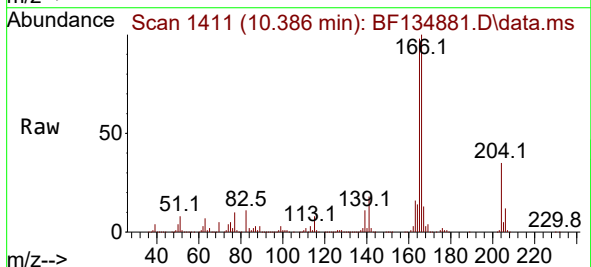
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

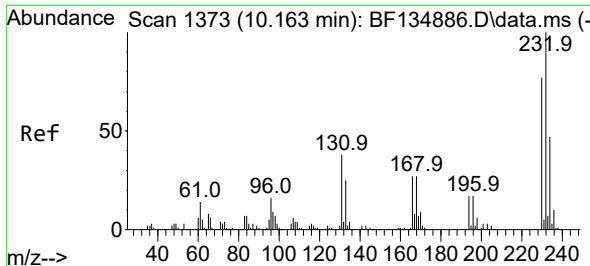
Tgt Ion:165 Resp: 269068
Ion Ratio Lower Upper
165 100
63 50.4 37.7 56.5
89 73.7 54.2 81.4
182 2.9 2.2 3.2



#58
Fluorene
Concen: 37.007 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF134881.D
Acq: 22 Aug 2023 12:32

Tgt Ion:166 Resp: 844757
Ion Ratio Lower Upper
166 100
165 98.1 78.5 117.7
167 13.5 11.0 16.6

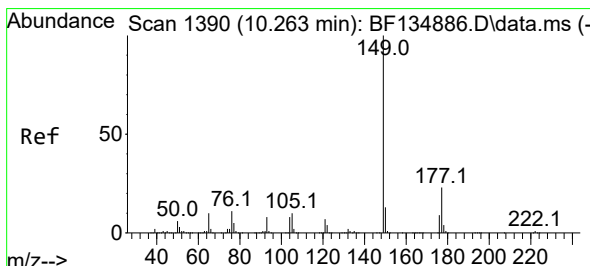
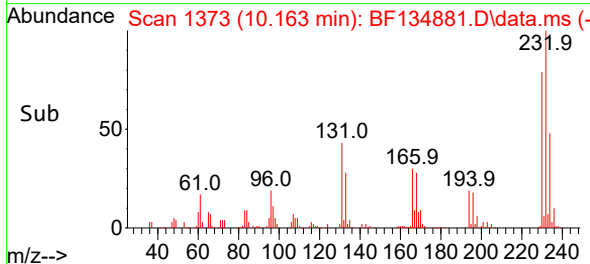
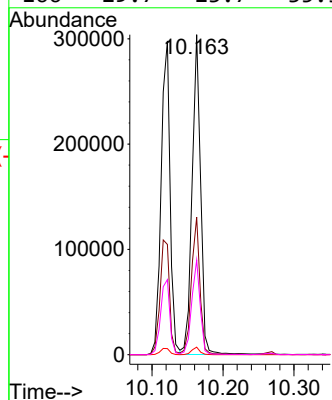
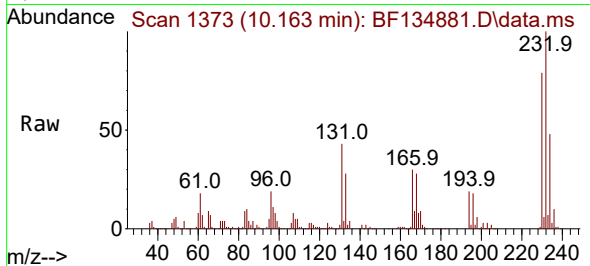




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.924 ng
RT: 10.163 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134881.D
Acq: 22 Aug 2023 12:32

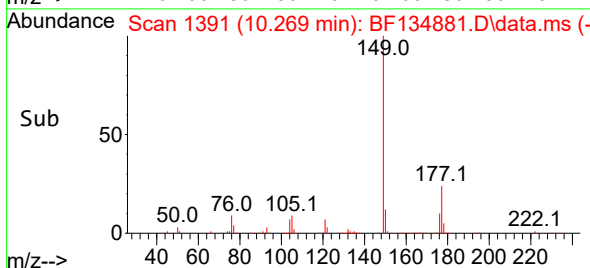
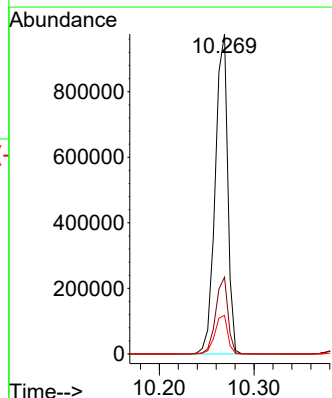
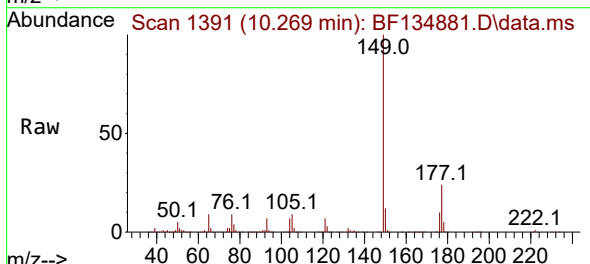
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

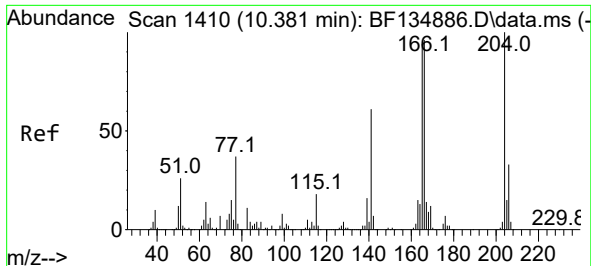
Tgt Ion:232 Resp: 253684
Ion Ratio Lower Upper
232 100
131 42.5 33.9 50.9
130 2.3 1.6 2.4
166 29.7 23.7 35.5



#60
Diethylphthalate
Concen: 39.077 ng
RT: 10.269 min Scan# 1391
Delta R.T. 0.006 min
Lab File: BF134881.D
Acq: 22 Aug 2023 12:32

Tgt Ion:149 Resp: 892042
Ion Ratio Lower Upper
149 100
177 24.0 18.4 27.6
150 12.1 10.3 15.5

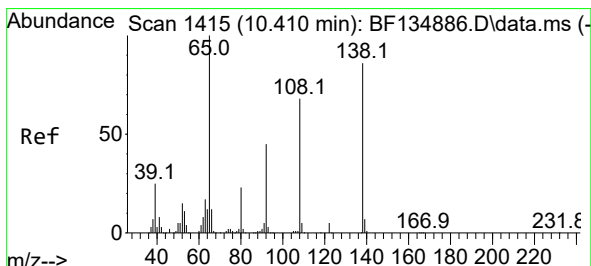
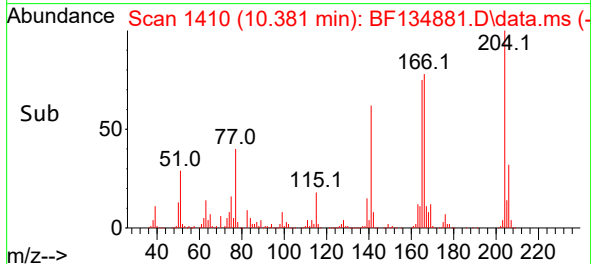
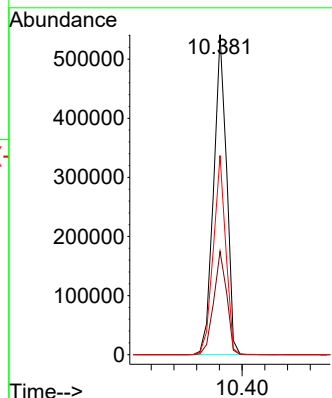
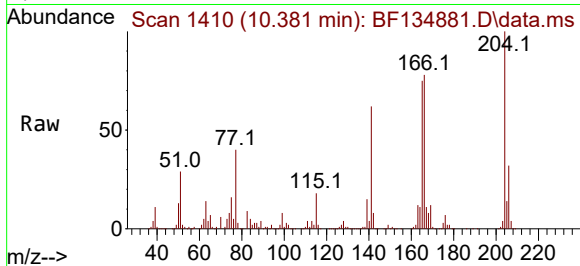




#61
4-Chlorophenyl-phenylether
Concen: 37.300 ng
RT: 10.381 min Scan# 1410
Delta R.T. -0.001 min
Lab File: BF134881.D
Acq: 22 Aug 2023 12:32

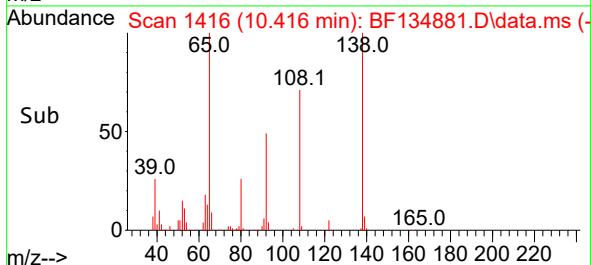
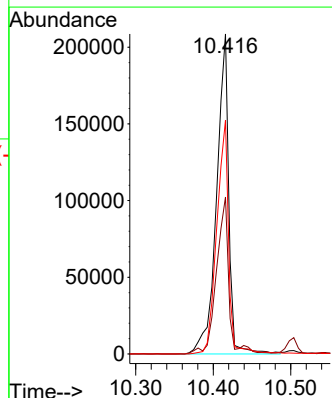
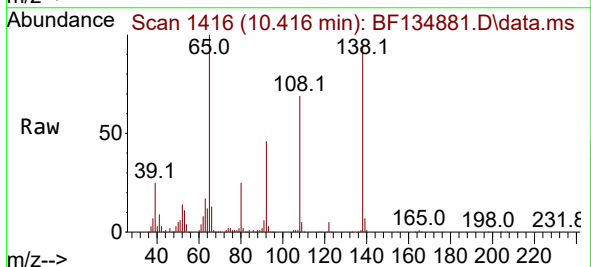
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

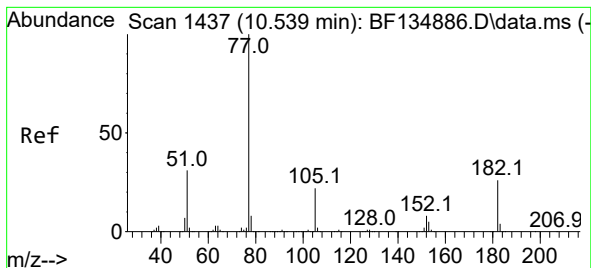
Tgt Ion:204 Resp: 426937
Ion Ratio Lower Upper
204 100
206 32.3 26.3 39.5
141 62.2 48.6 73.0



#62
4-Nitroaniline
Concen: 40.720 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF134881.D
Acq: 22 Aug 2023 12:32

Tgt Ion:138 Resp: 228481
Ion Ratio Lower Upper
138 100
92 49.1 32.5 72.5
108 73.1 58.6 98.6





#63

Azobenzene

Concen: 39.173 ng

RT: 10.545 min Scan# 1437

Delta R.T. 0.006 min

Lab File: BF134881.D

Acq: 22 Aug 2023 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 888358

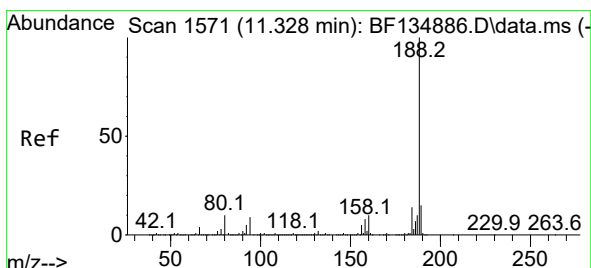
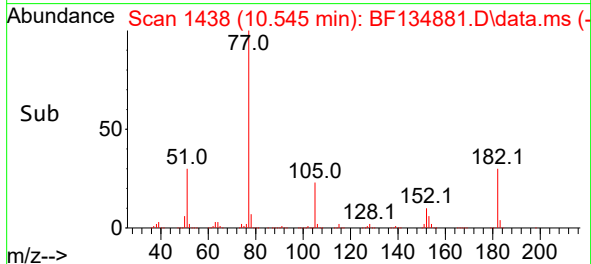
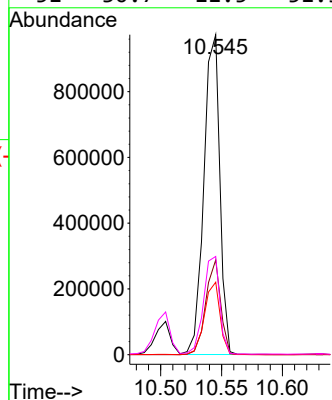
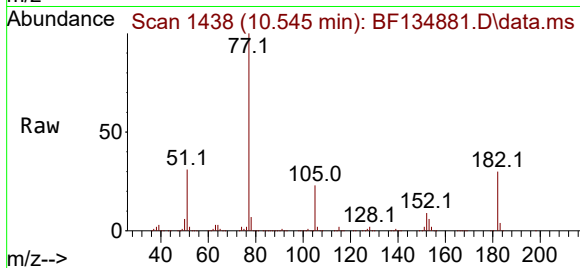
Ion Ratio Lower Upper

77 100

182 29.6 5.8 45.8

105 22.6 1.6 41.6

51 30.7 11.5 51.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 1571

Delta R.T. -0.000 min

Lab File: BF134881.D

Acq: 22 Aug 2023 12:32

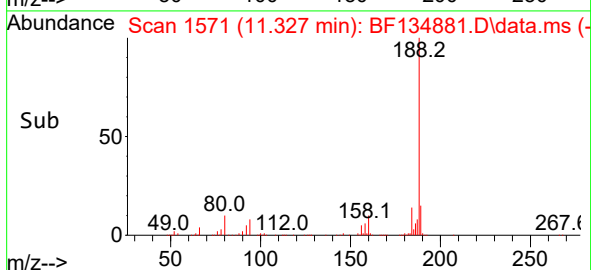
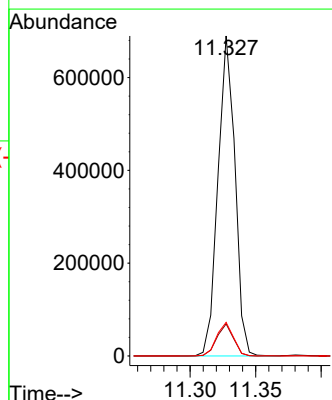
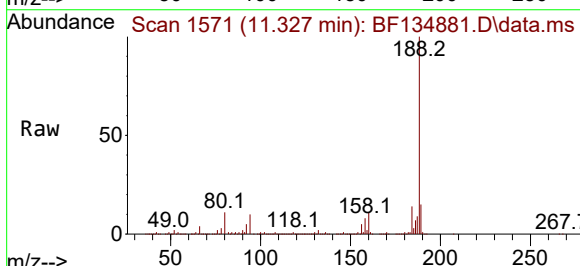
Tgt Ion:188 Resp: 621414

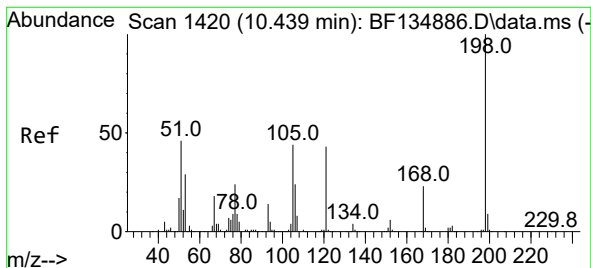
Ion Ratio Lower Upper

188 100

94 10.0 7.5 11.3

80 10.5 7.8 11.6

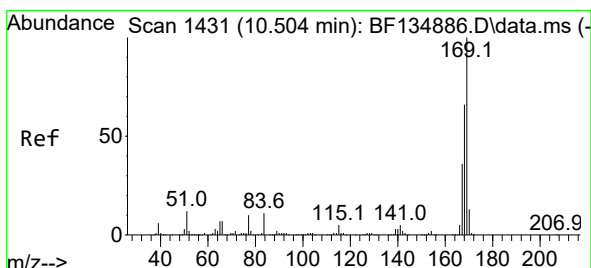
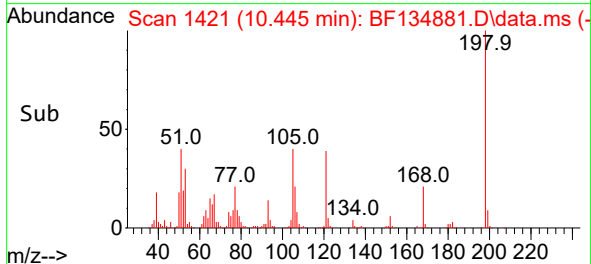
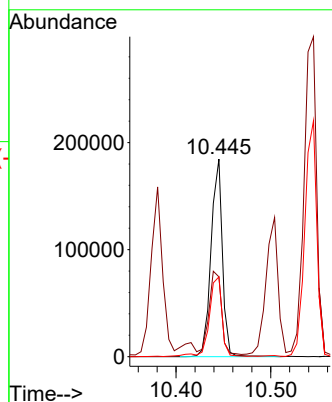
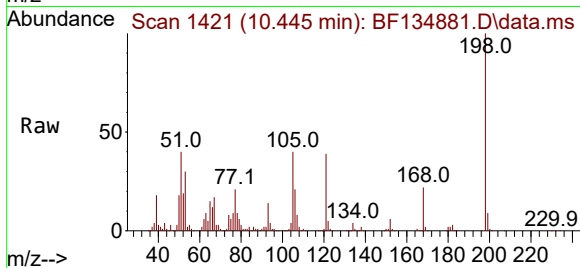




#65
4,6-Dinitro-2-methylphenol
Concen: 41.733 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF134881.D
Acq: 22 Aug 2023 12:32

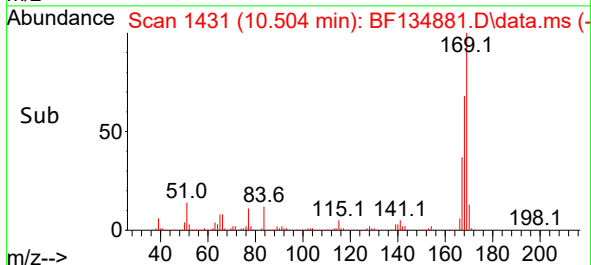
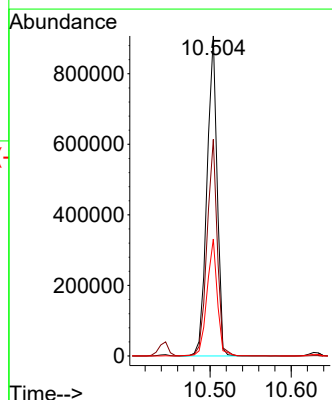
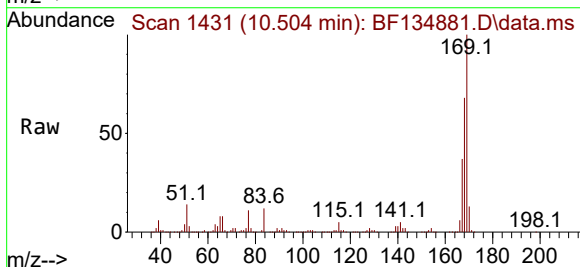
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

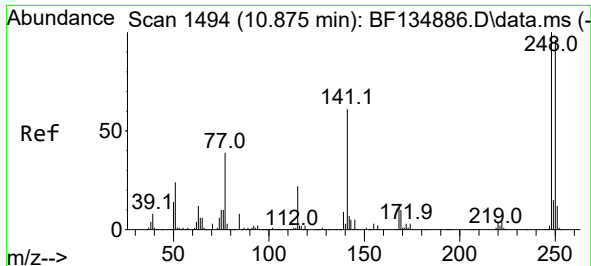
Tgt Ion:198 Resp: 153025
Ion Ratio Lower Upper
198 100
51 40.4 30.3 70.3
105 40.4 24.5 64.5



#66
n-Nitrosodiphenylamine
Concen: 39.371 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.000 min
Lab File: BF134881.D
Acq: 22 Aug 2023 12:32

Tgt Ion:169 Resp: 787867
Ion Ratio Lower Upper
169 100
168 67.7 53.0 79.6
167 36.6 29.0 43.6

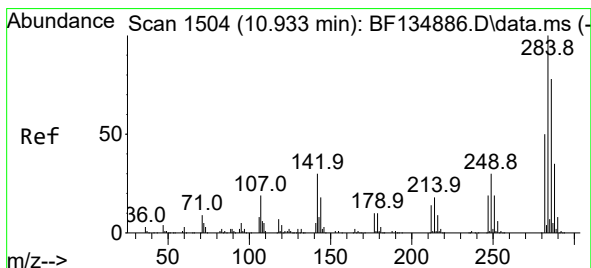
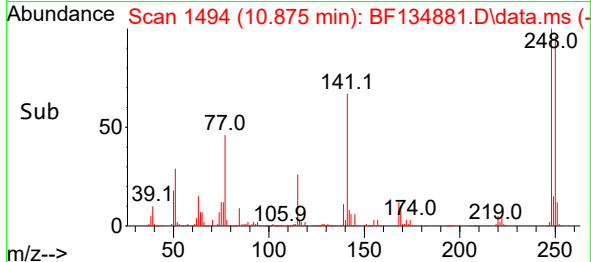
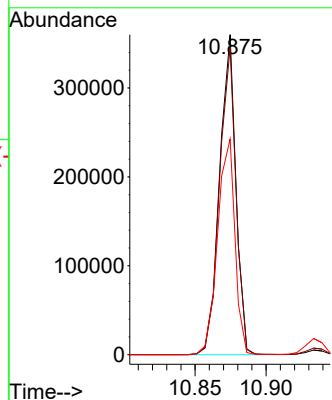
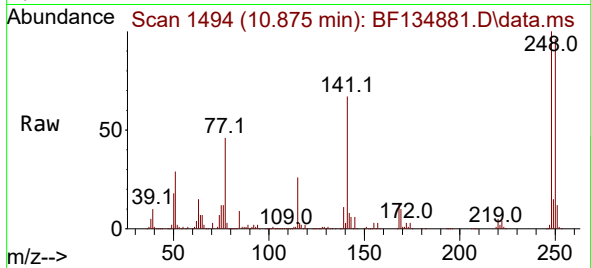




#67
4-Bromophenyl-phenylether
Concen: 40.095 ng
RT: 10.875 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF134881.D
Acq: 22 Aug 2023 12:32

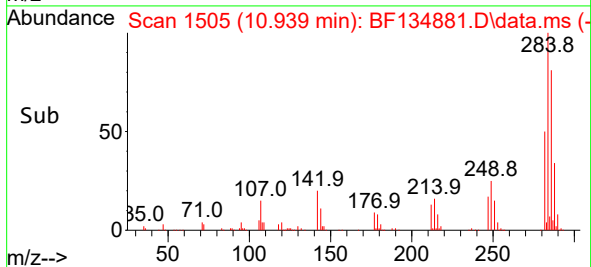
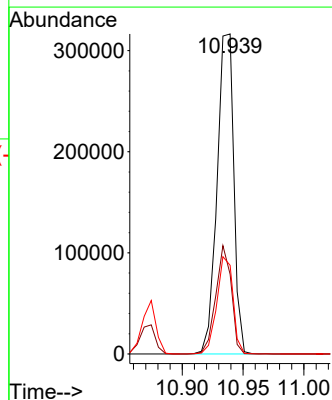
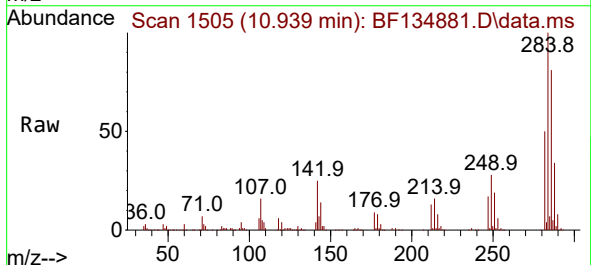
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

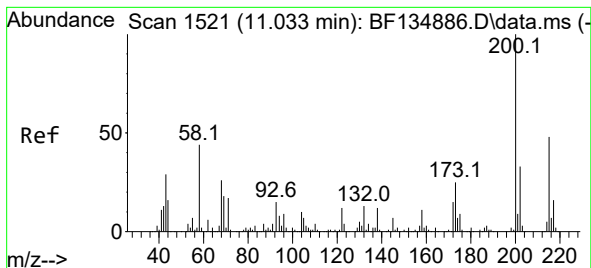
Tgt Ion:248 Resp: 287451
Ion Ratio Lower Upper
248 100
250 96.1 77.1 115.7
141 67.4 49.0 73.4



#68
Hexachlorobenzene
Concen: 39.806 ng
RT: 10.939 min Scan# 1505
Delta R.T. 0.006 min
Lab File: BF134881.D
Acq: 22 Aug 2023 12:32

Tgt Ion:284 Resp: 303509
Ion Ratio Lower Upper
284 100
142 24.9 23.9 35.9
249 27.7 24.1 36.1





#69

Atrazine

Concen: 44.276 ng

RT: 11.033 min Scan# 1521

Delta R.T. 0.000 min

Lab File: BF134881.D

Acq: 22 Aug 2023 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

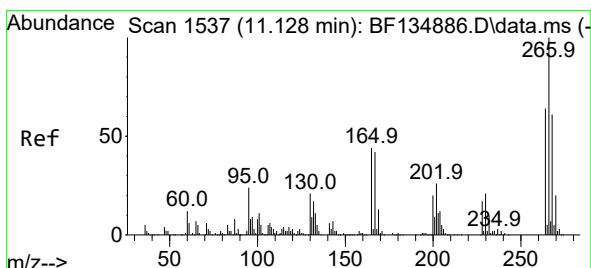
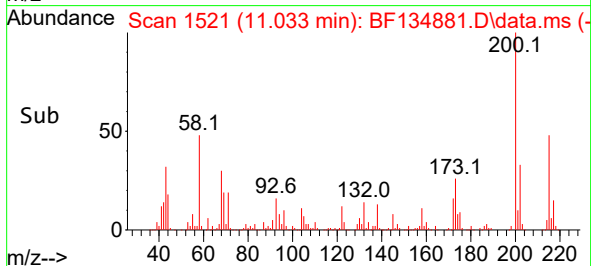
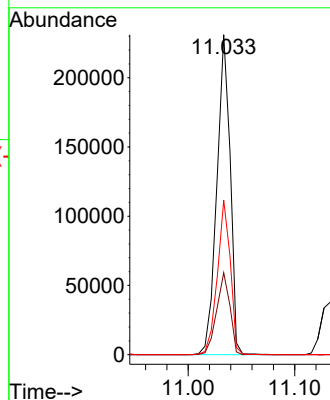
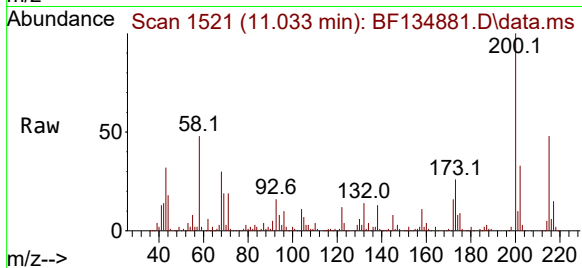
Tgt Ion:200 Resp: 200574

Ion Ratio Lower Upper

200 100

173 25.6 5.3 45.3

215 48.3 28.3 68.3



#70

Pentachlorophenol

Concen: 41.801 ng

RT: 11.133 min Scan# 1538

Delta R.T. 0.005 min

Lab File: BF134881.D

Acq: 22 Aug 2023 12:32

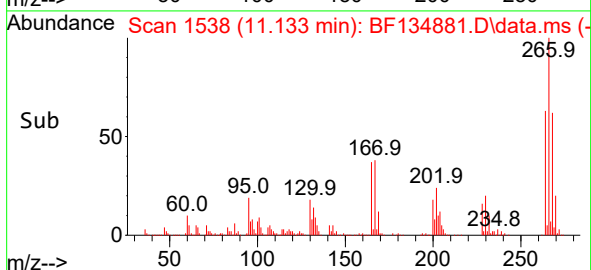
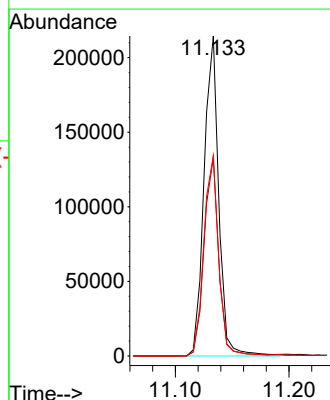
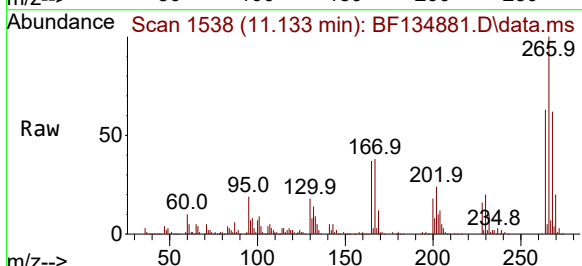
Tgt Ion:266 Resp: 191809

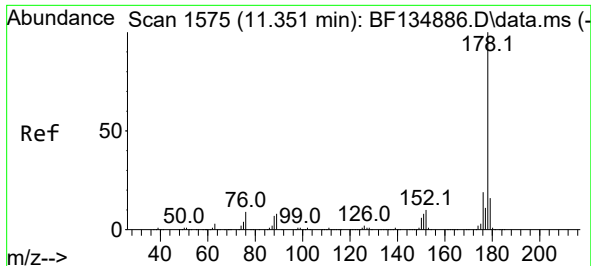
Ion Ratio Lower Upper

266 100

268 61.9 48.9 73.3

264 62.6 51.0 76.6

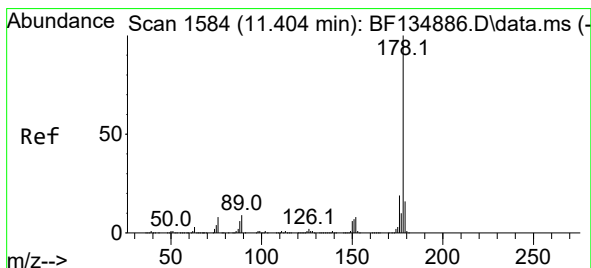
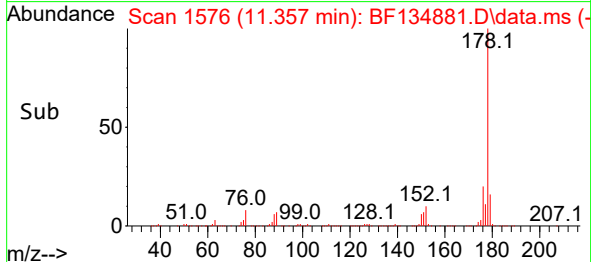
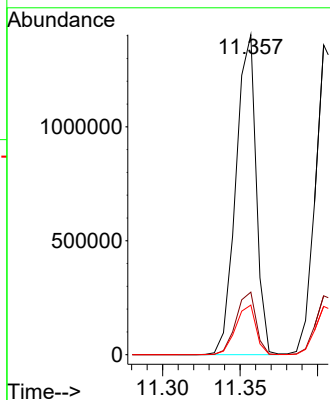
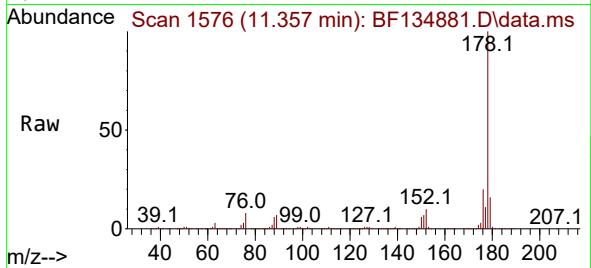




#71
Phenanthrene
Concen: 39.152 ng
RT: 11.357 min Scan# 1575
Delta R.T. 0.006 min
Lab File: BF134881.D
Acq: 22 Aug 2023 12:32

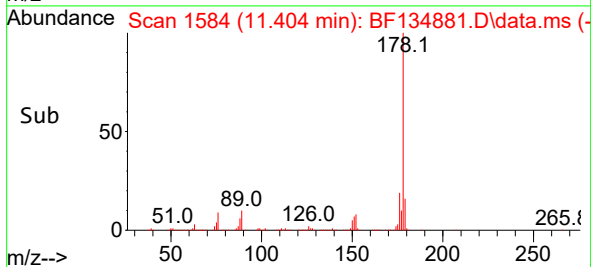
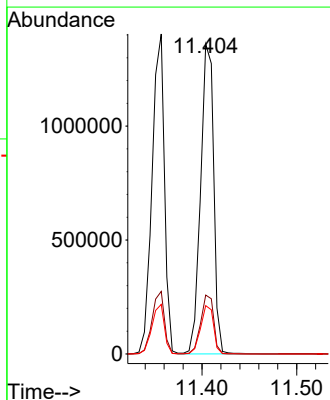
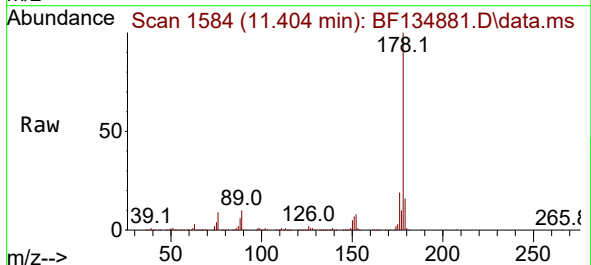
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

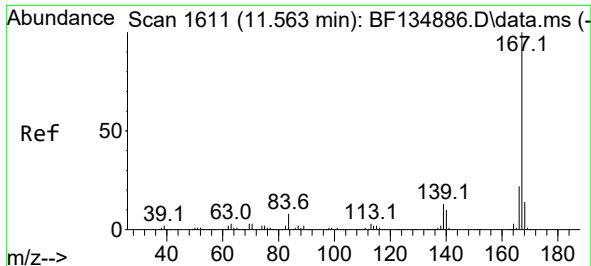
Tgt Ion:178 Resp: 1274929
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 15.5 12.6 19.0



#72
Anthracene
Concen: 39.064 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF134881.D
Acq: 22 Aug 2023 12:32

Tgt Ion:178 Resp: 1303340
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.6
179 15.6 12.5 18.7

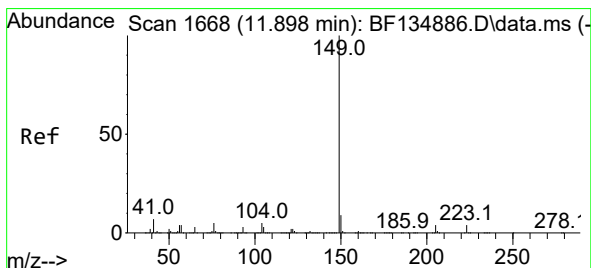
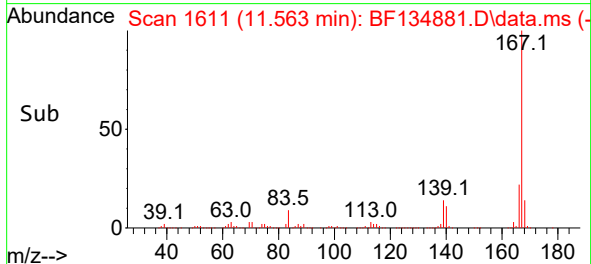
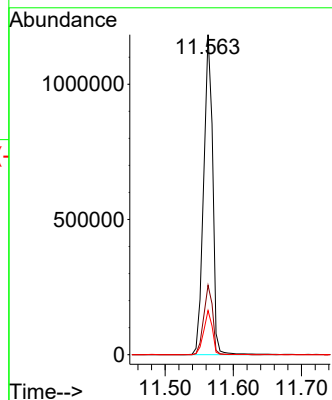
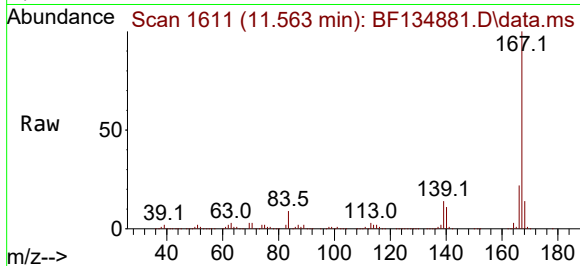




#73
 Carbazole
 Concen: 39.646 ng
 RT: 11.563 min Scan# 1611
 Delta R.T. -0.000 min
 Lab File: BF134881.D
 Acq: 22 Aug 2023 12:32

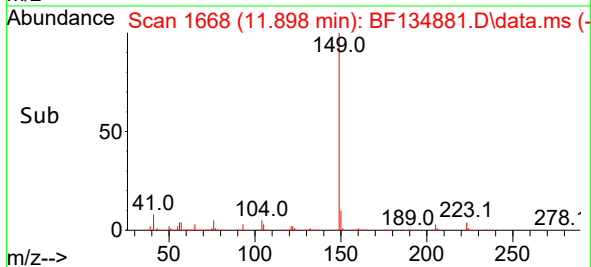
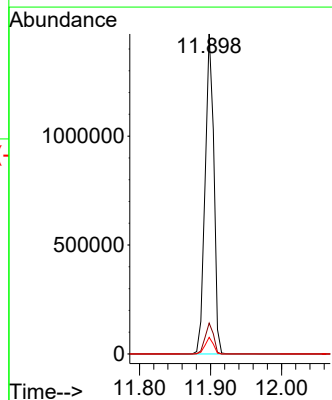
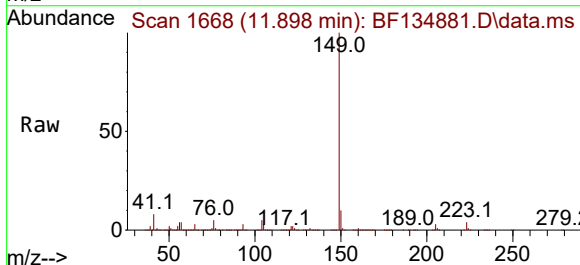
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

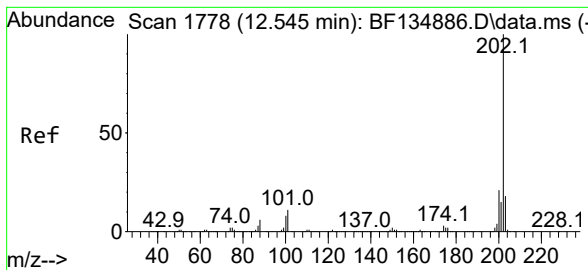
Tgt Ion:167 Resp: 1089986
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.2
 139 13.8 10.4 15.6



#74
 Di-n-butylphthalate
 Concen: 39.831 ng
 RT: 11.898 min Scan# 1668
 Delta R.T. -0.000 min
 Lab File: BF134881.D
 Acq: 22 Aug 2023 12:32

Tgt Ion:149 Resp: 1255919
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.4 11.2
 104 5.2 4.1 6.1

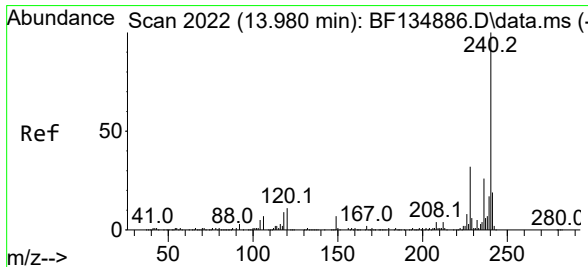
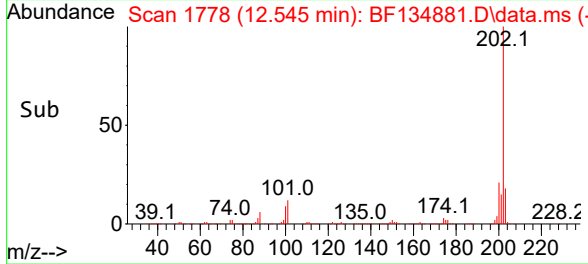
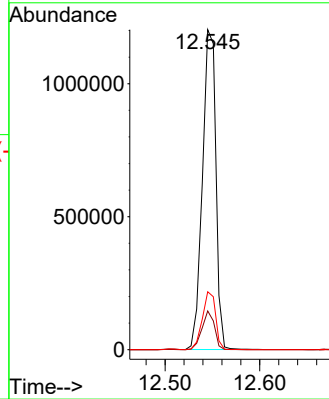
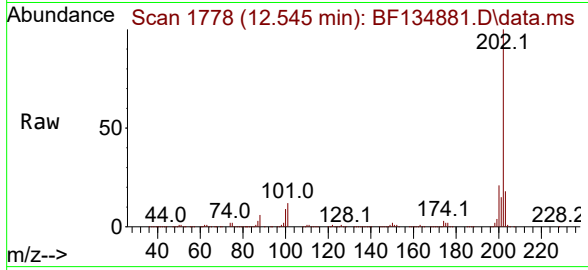




#75
Fluoranthene
Concen: 38.510 ng
RT: 12.545 min Scan# 1778
Delta R.T. 0.000 min
Lab File: BF134881.D
Acq: 22 Aug 2023 12:32

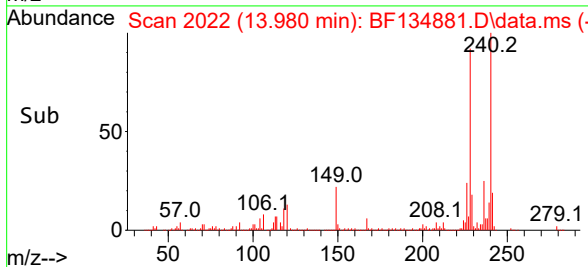
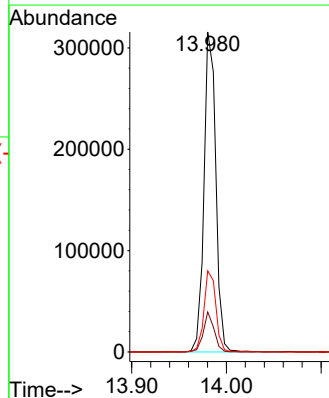
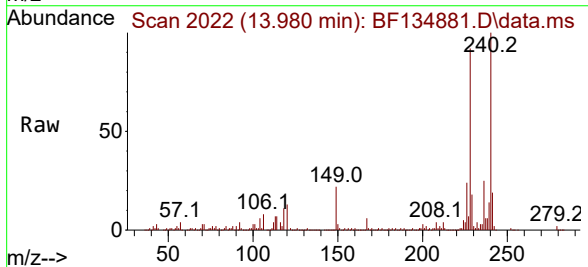
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

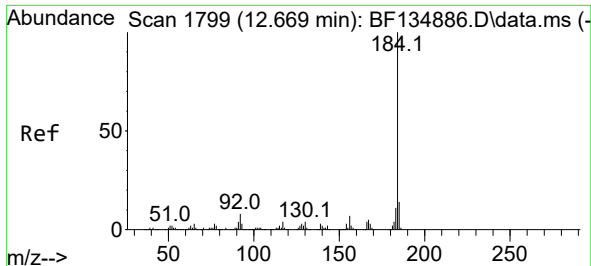
Tgt Ion:202 Resp: 1188171
Ion Ratio Lower Upper
202 100
101 12.1 0.0 30.5
203 18.1 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF134881.D
Acq: 22 Aug 2023 12:32

Tgt Ion:240 Resp: 273102
Ion Ratio Lower Upper
240 100
120 12.5 8.6 12.8
236 25.3 20.6 31.0

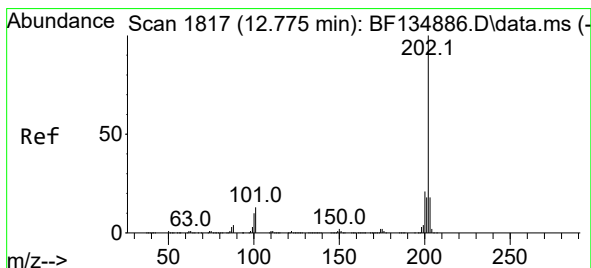
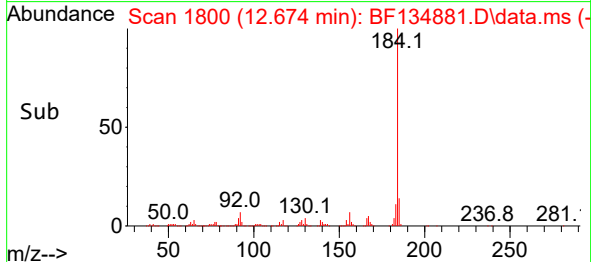
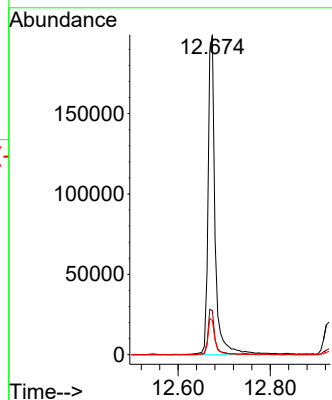
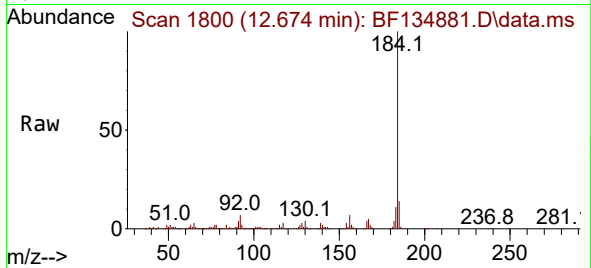




#77
Benzidine
Concen: 48.446 ng
RT: 12.674 min Scan# 1800
Delta R.T. 0.005 min
Lab File: BF134881.D
Acq: 22 Aug 2023 12:32

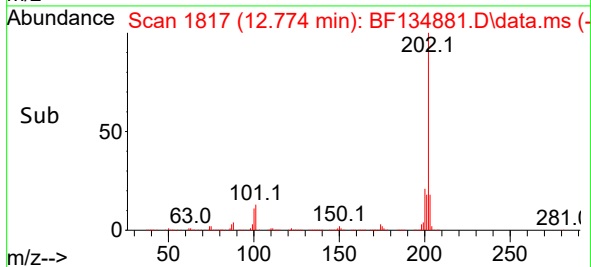
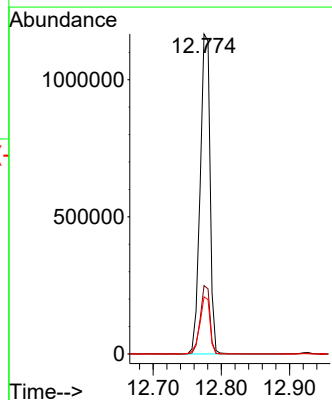
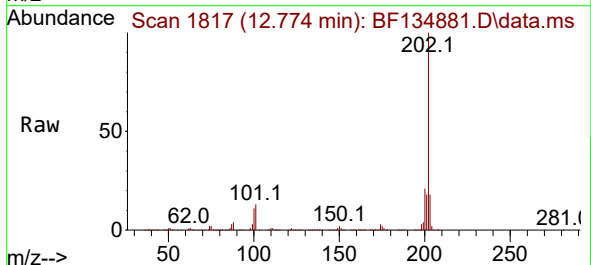
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

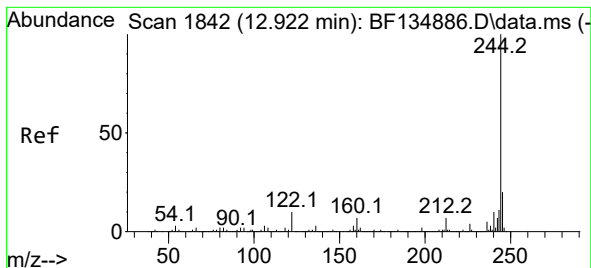
Tgt Ion:184 Resp: 214668
Ion Ratio Lower Upper
184 100
185 13.8 11.4 17.0
183 10.7 9.0 13.4



#78
Pyrene
Concen: 40.562 ng
RT: 12.774 min Scan# 1817
Delta R.T. -0.000 min
Lab File: BF134881.D
Acq: 22 Aug 2023 12:32

Tgt Ion:202 Resp: 1174500
Ion Ratio Lower Upper
202 100
200 21.4 17.1 25.7
203 17.9 14.2 21.2





#79

Terphenyl-d14

Concen: 75.115 ng

RT: 12.927 min Scan# 1842

Delta R.T. 0.005 min

Lab File: BF134881.D

Acq: 22 Aug 2023 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

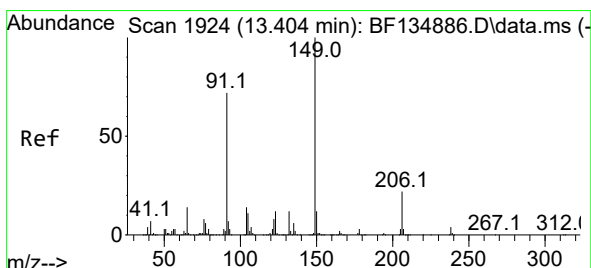
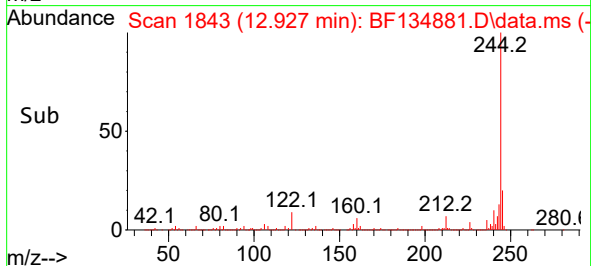
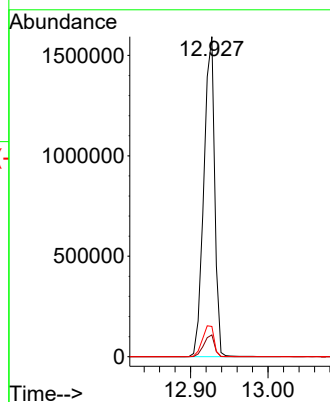
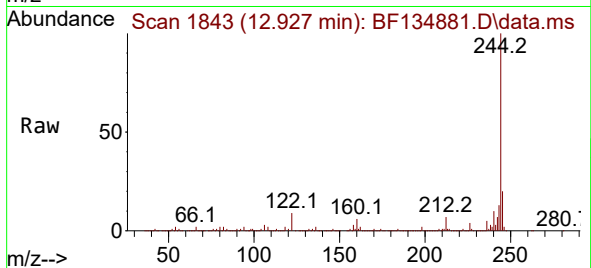
Tgt Ion:244 Resp: 1546376

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

122 9.4 8.2 12.4



#80

Butylbenzylphthalate

Concen: 42.188 ng

RT: 13.404 min Scan# 1924

Delta R.T. -0.000 min

Lab File: BF134881.D

Acq: 22 Aug 2023 12:32

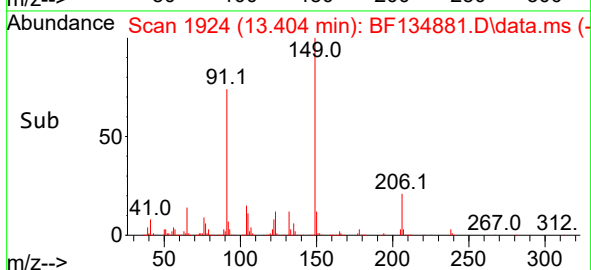
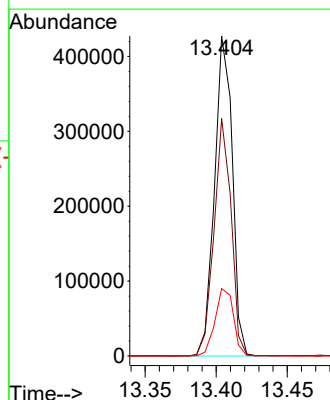
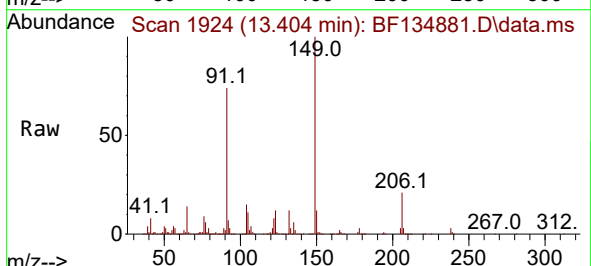
Tgt Ion:149 Resp: 372187

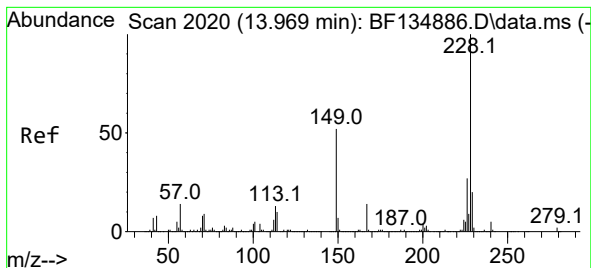
Ion Ratio Lower Upper

149 100

91 74.2 57.2 85.8

206 21.1 18.0 27.0





#81

Benzo(a)anthracene

Concen: 40.070 ng

RT: 13.974 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF134881.D

Acq: 22 Aug 2023 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

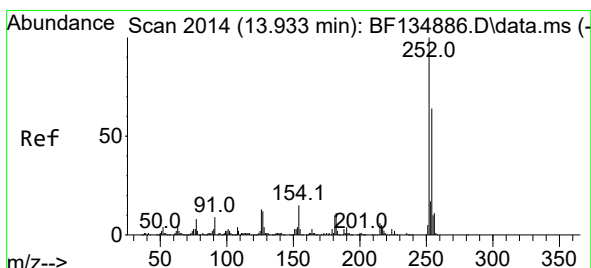
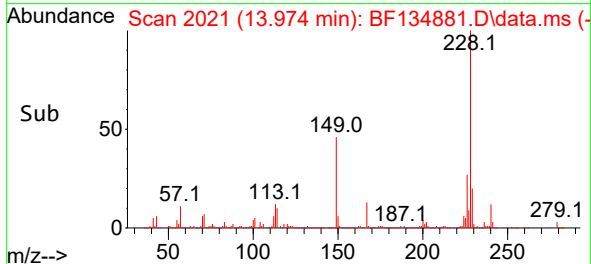
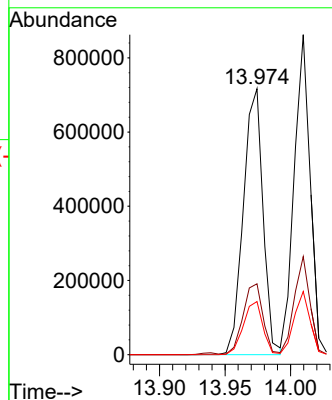
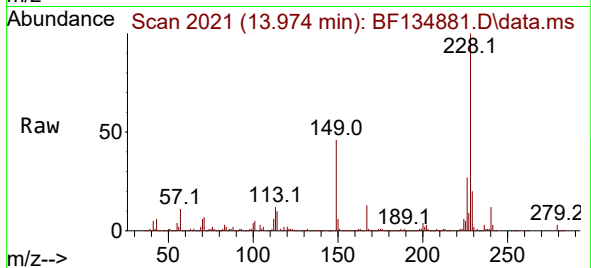
Tgt Ion:228 Resp: 746631

Ion Ratio Lower Upper

228 100

226 26.7 21.8 32.6

229 20.0 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 41.513 ng

RT: 13.939 min Scan# 2015

Delta R.T. 0.006 min

Lab File: BF134881.D

Acq: 22 Aug 2023 12:32

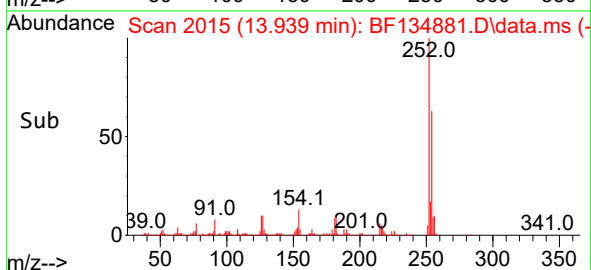
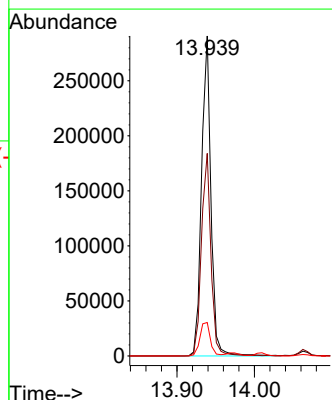
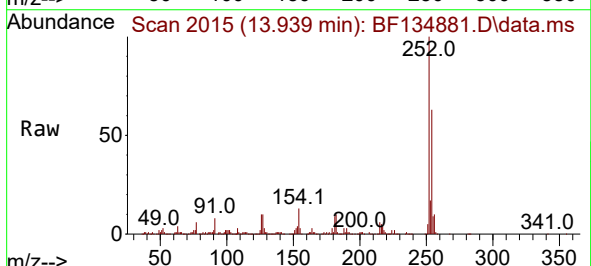
Tgt Ion:252 Resp: 244819

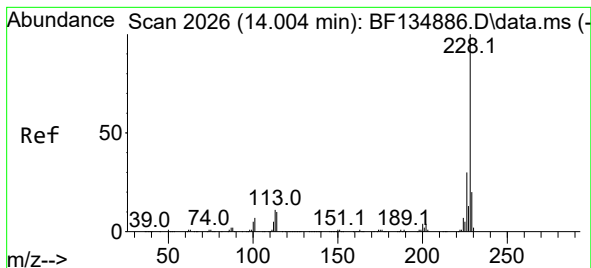
Ion Ratio Lower Upper

252 100

254 63.3 51.6 77.4

126 10.4 10.3 15.5





#83

Chrysene

Concen: 39.764 ng

RT: 14.010 min Scan# 2027

Delta R.T. 0.006 min

Lab File: BF134881.D

Acq: 22 Aug 2023 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

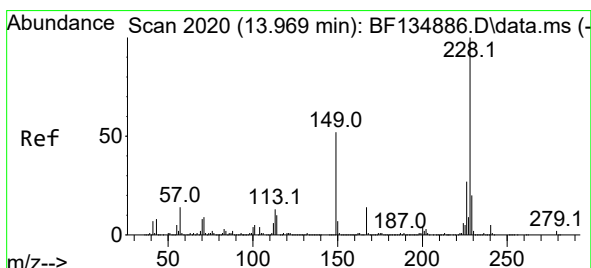
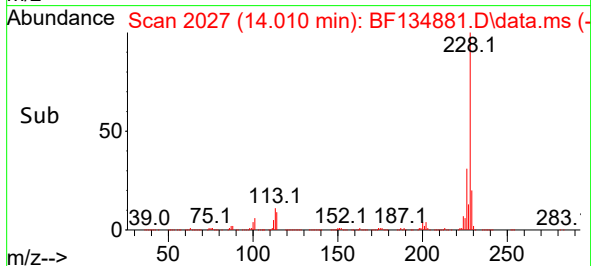
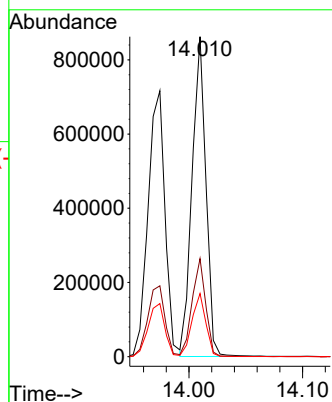
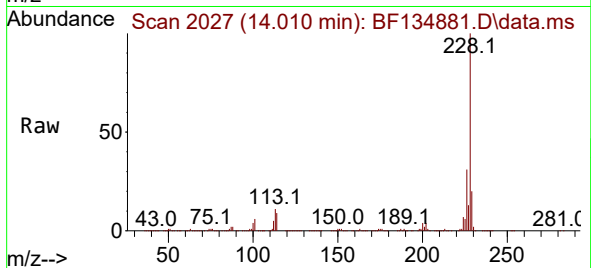
Tgt Ion:228 Resp: 731045

Ion Ratio Lower Upper

228 100

226 30.6 24.2 36.2

229 19.7 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.872 ng

RT: 13.969 min Scan# 2020

Delta R.T. -0.000 min

Lab File: BF134881.D

Acq: 22 Aug 2023 12:32

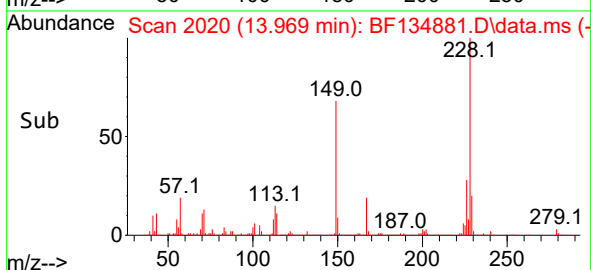
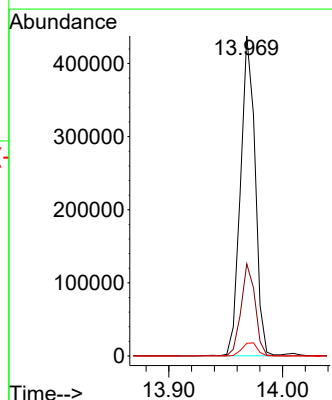
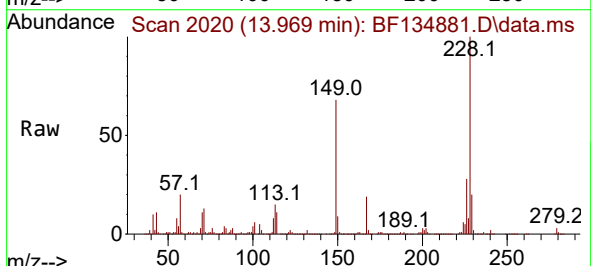
Tgt Ion:149 Resp: 390597

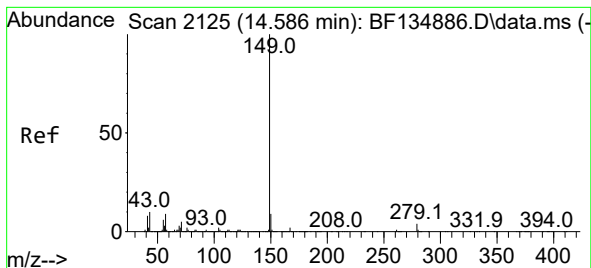
Ion Ratio Lower Upper

149 100

167 28.8 22.1 33.1

279 3.9 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 42.366 ng

RT: 14.586 min Scan# 2125

Delta R.T. -0.000 min

Lab File: BF134881.D

Acq: 22 Aug 2023 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

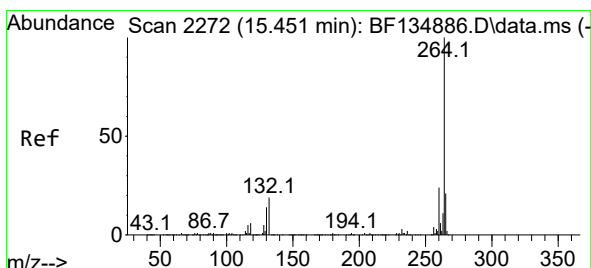
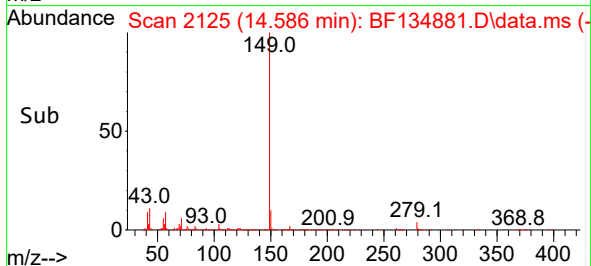
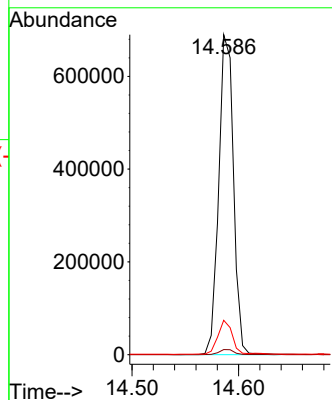
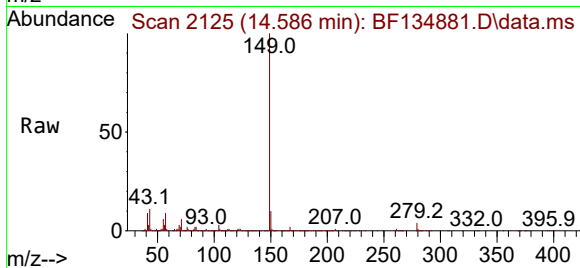
Tgt Ion:149 Resp: 660207

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 10.4 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2273

Delta R.T. 0.006 min

Lab File: BF134881.D

Acq: 22 Aug 2023 12:32

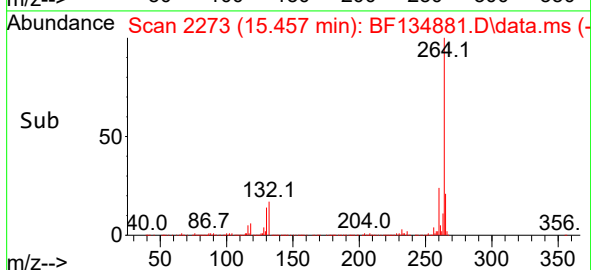
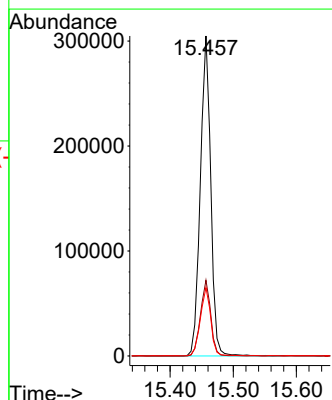
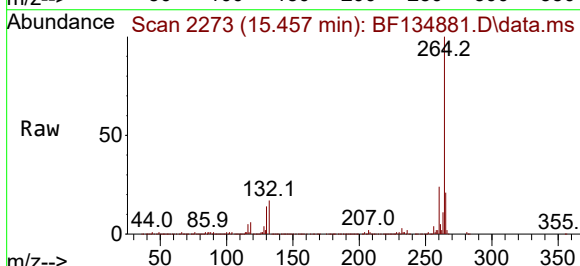
Tgt Ion:264 Resp: 348083

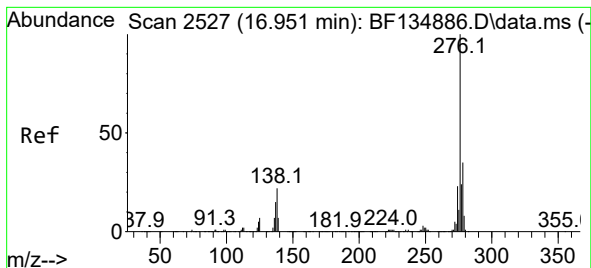
Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

265 21.3 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.602 ng

RT: 16.957 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF134881.D

Acq: 22 Aug 2023 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

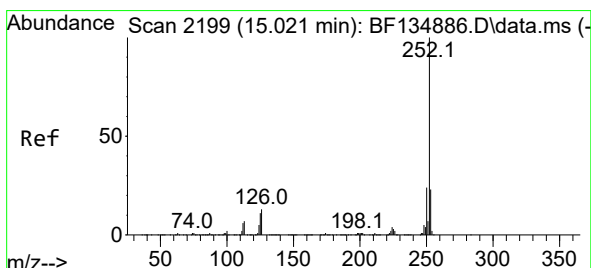
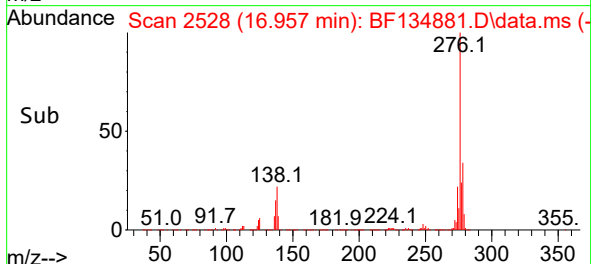
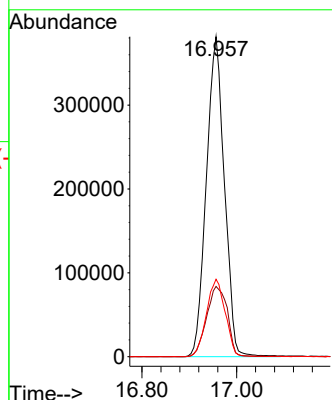
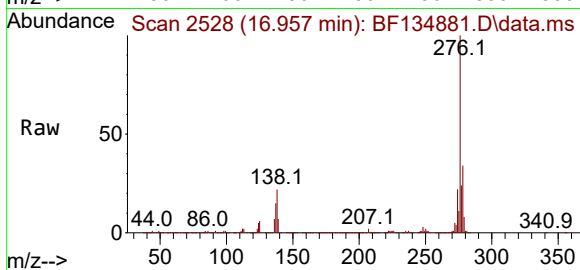
Tgt Ion:276 Resp: 1010209

Ion Ratio Lower Upper

276 100

138 25.3 19.7 29.5

277 25.3 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 39.244 ng

RT: 15.027 min Scan# 2200

Delta R.T. 0.006 min

Lab File: BF134881.D

Acq: 22 Aug 2023 12:32

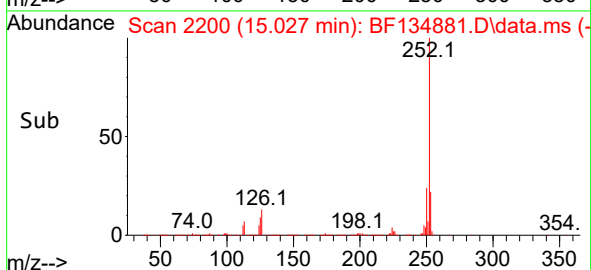
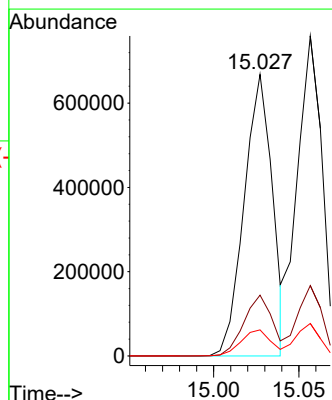
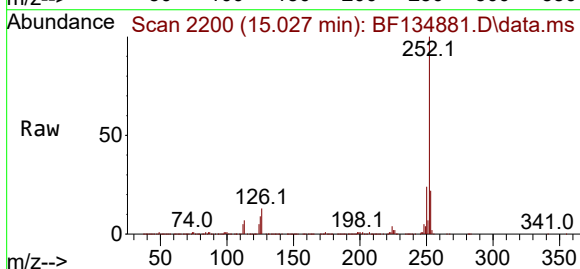
Tgt Ion:252 Resp: 770702

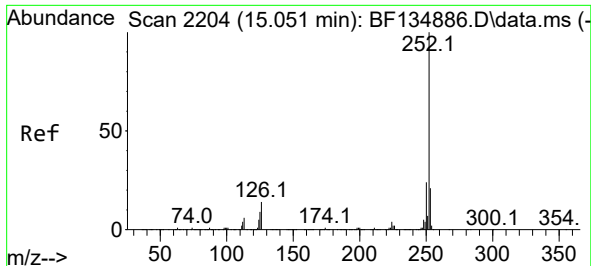
Ion Ratio Lower Upper

252 100

253 21.6 18.1 27.1

125 9.3 8.4 12.6





#89

Benzo(k)fluoranthene

Concen: 40.329 ng

RT: 15.057 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF134881.D

Acq: 22 Aug 2023 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

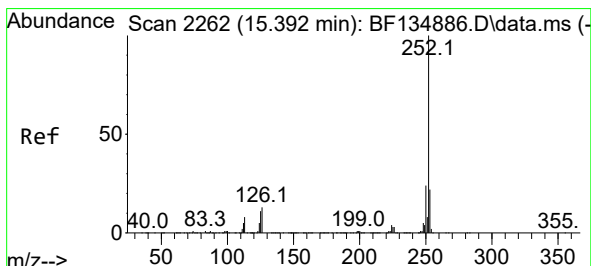
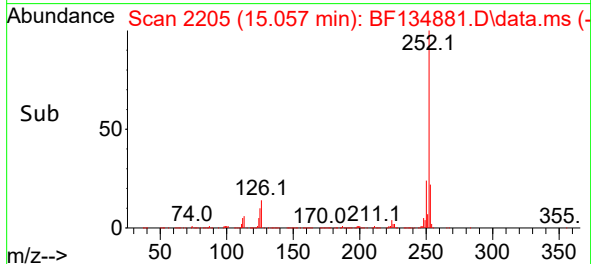
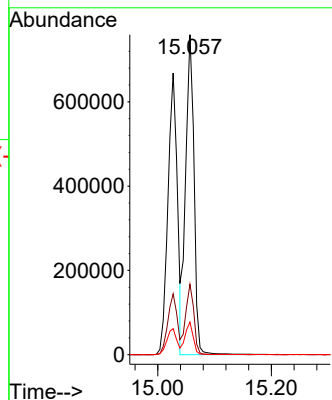
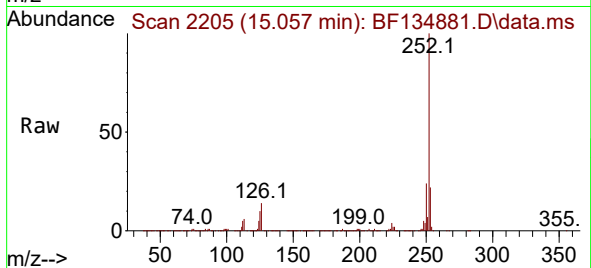
Tgt Ion:252 Resp: 777729

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

125 10.2 8.0 12.0



#90

Benzo(a)pyrene

Concen: 39.923 ng

RT: 15.398 min Scan# 2263

Delta R.T. 0.006 min

Lab File: BF134881.D

Acq: 22 Aug 2023 12:32

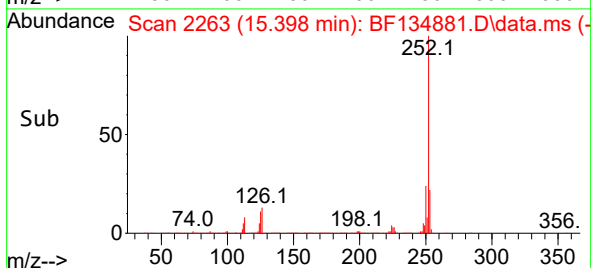
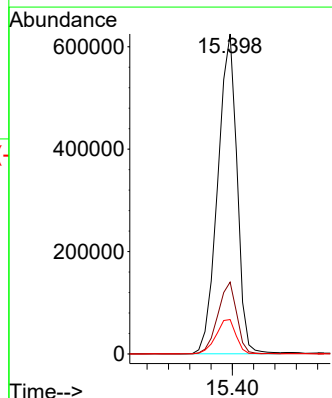
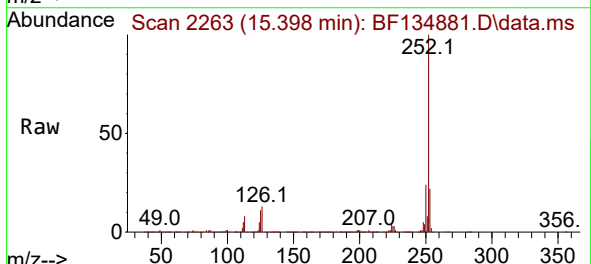
Tgt Ion:252 Resp: 782689

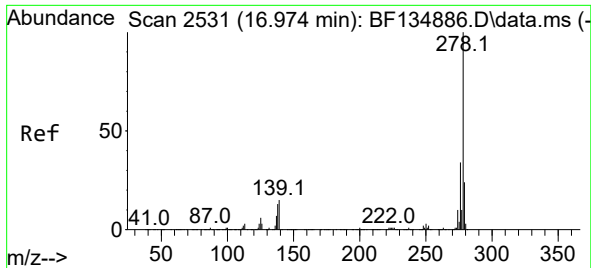
Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

125 10.7 8.4 12.6

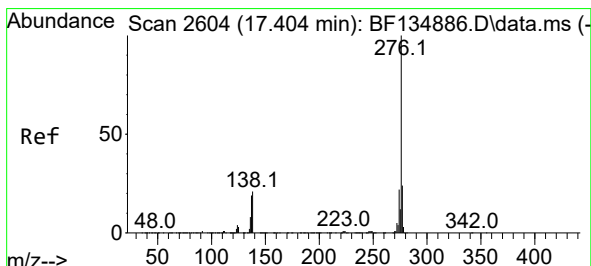
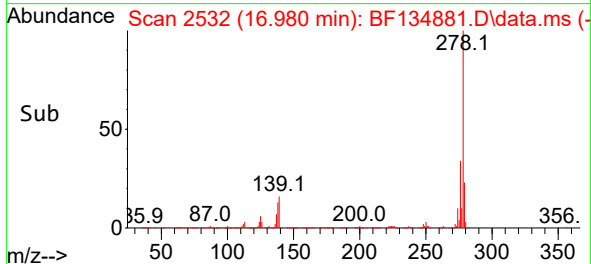
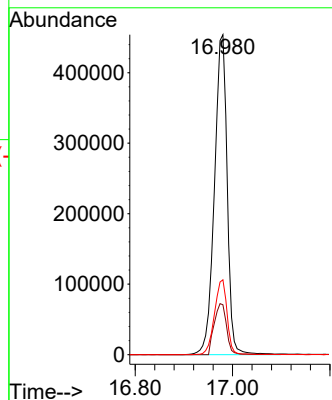
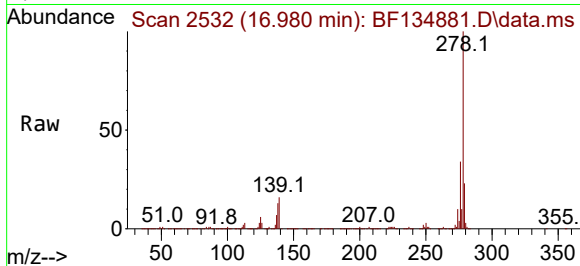




#91
Dibenzo(a,h)anthracene
Concen: 40.850 ng
RT: 16.980 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF134881.D
Acq: 22 Aug 2023 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 822368
Ion Ratio Lower Upper
278 100
139 15.6 12.2 18.4
279 23.4 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 40.954 ng
RT: 17.415 min Scan# 2606
Delta R.T. 0.012 min
Lab File: BF134881.D
Acq: 22 Aug 2023 12:32

Tgt Ion:276 Resp: 843994
Ion Ratio Lower Upper
276 100
277 23.9 19.2 28.8
138 21.5 17.0 25.6

