

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071223\
 Data File : BF134254.D
 Acq On : 12 Jul 2023 19:13
 Operator : CG\JU
 Sample : 03555-05MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-369MSD

Quant Time: Jul 12 23:23:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 11 13:06:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	97079	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	375627	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	174982	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	275924	20.000	ng	0.00
76) Chrysene-d12	14.051	240	166977	20.000	ng	0.01
86) Perylene-d12	15.551	264	149222	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	475165	81.876	ng	0.01
7) Phenol-d6	6.487	99	584259	81.862	ng	0.00
23) Nitrobenzene-d5	7.410	82	416194	59.727	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	155150	70.718	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	744861	61.889	ng	0.00
79) Terphenyl-d14	12.974	244	577053	55.620	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.722	88	103100	43.085	ng	99
3) Pyridine	3.493	79	242086	38.839	ng	97
4) n-Nitrosodimethylamine	3.463	42	166639	46.810	ng	99
6) Aniline	6.510	93	318678	36.693	ng	# 84
8) 2-Chlorophenol	6.634	128	295955	50.236	ng	99
9) Benzaldehyde	6.398	77	202604	58.550	ng	95
10) Phenol	6.504	94	355392	47.359	ng	84
11) bis(2-Chloroethyl)ether	6.587	93	272351	49.297	ng	97
12) 1,3-Dichlorobenzene	6.787	146	319359	50.847	ng	99
13) 1,4-Dichlorobenzene	6.863	146	321181	50.629	ng	99
14) 1,2-Dichlorobenzene	7.016	146	301728	50.785	ng	98
15) Benzyl Alcohol	6.993	79	269197	48.926	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.122	45	440155	45.033	ng	94
17) 2-Methylphenol	7.104	107	239693	45.435	ng	96
18) Hexachloroethane	7.351	117	122548	52.098	ng	96
19) n-Nitroso-di-n-propyla...	7.263	70	214071	47.297	ng	97
20) 3+4-Methylphenols	7.257	107	294057	45.946	ng	94
22) Acetophenone	7.257	105	417599	48.884	ng	99
24) Nitrobenzene	7.434	77	327832	46.556	ng	97
25) Isophorone	7.669	82	581054	45.881	ng	98
26) 2-Nitrophenol	7.745	139	162687	48.161	ng	96
27) 2,4-Dimethylphenol	7.787	122	260379	48.696	ng	96
28) bis(2-Chloroethoxy)met...	7.875	93	332633	45.361	ng	99
29) 2,4-Dichlorophenol	7.987	162	248541	46.875	ng	95
30) 1,2,4-Trichlorobenzene	8.069	180	267189	48.837	ng	98
31) Naphthalene	8.151	128	1021207	56.284	ng	100
32) Benzoic acid	7.904	122	114619	28.607	ng	94
33) 4-Chloroaniline	8.198	127	179913	23.181	ng	100
34) Hexachlorobutadiene	8.263	225	173236	50.196	ng	98
35) Caprolactam	8.587	113	70510	40.388	ng	98
36) 4-Chloro-3-methylphenol	8.687	107	271829	45.635	ng	97
37) 2-Methylnaphthalene	8.839	142	630568	49.145	ng	100
38) 1-Methylnaphthalene	8.939	142	541318	45.382	ng	97
40) 1,2,4,5-Tetrachloroben...	9.004	216	265341	51.183	ng	98
41) Hexachlorocyclopentadiene	8.987	237	103920	42.253	ng	99
43) 2,4,6-Trichlorophenol	9.122	196	169656	48.074	ng	99

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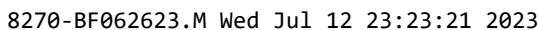
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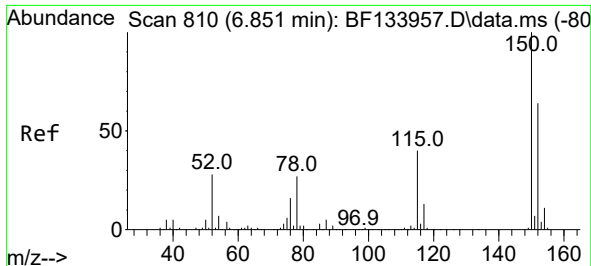
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	171448	41.301	ng	96
46) 1,1'-Biphenyl	9.304	154	719639	51.269	ng	98
47) 2-Chloronaphthalene	9.334	162	502647	48.943	ng	99
48) 2-Nitroaniline	9.434	65	174991	46.753	ng	99
49) Acenaphthylene	9.751	152	836029	47.654	ng	99
50) Dimethylphthalate	9.610	163	612216	48.198	ng	100
51) 2,6-Dinitrotoluene	9.675	165	129033	47.165	ng	# 84
52) Acenaphthene	9.922	154	540632	53.108	ng	98
53) 3-Nitroaniline	9.845	138	113109	34.463	ng	98
54) 2,4-Dinitrophenol	9.957	184	49634	33.762	ng	91
55) Dibenzofuran	10.092	168	844973	53.112	ng	96
56) 4-Nitrophenol	10.016	139	161337	70.276	ng	91
57) 2,4-Dinitrotoluene	10.086	165	150191	41.570	ng	# 88
58) Fluorene	10.439	166	594323	48.017	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	134723	41.144	ng	# 97
60) Diethylphthalate	10.310	149	618945	46.771	ng	98
61) 4-Chlorophenyl-phenyle...	10.428	204	268212	44.965	ng	94
62) 4-Nitroaniline	10.463	138	110710	33.471	ng	92
63) Azobenzene	10.592	77	565479	45.174	ng	97
65) 4,6-Dinitro-2-methylph...	10.498	198	43092	28.646	ng	94
66) n-Nitrosodiphenylamine	10.551	169	474518	53.825	ng	99
67) 4-Bromophenyl-phenylether	10.922	248	156299	53.294	ng	94
68) Hexachlorobenzene	10.986	284	168232	54.027	ng	96
69) Atrazine	11.081	200	144702	59.340	ng	98
70) Pentachlorophenol	11.186	266	141776	76.148	ng	98
71) Phenanthrene	11.410	178	1177953	84.803	ng	99
72) Anthracene	11.463	178	980806	67.887	ng	100
73) Carbazole	11.616	167	615443	46.540	ng	98
74) Di-n-butylphthalate	11.945	149	801264	50.952	ng	100
75) Fluoranthene	12.616	202	2212534	147.336	ng	98
77) Benzidine	12.733	184	157846	39.729	ng	99
78) Pyrene	12.845	202	1852242	119.196	ng	99
80) Butylbenzylphthalate	13.457	149	282815	48.527	ng	96
81) Benzo(a)anthracene	14.039	228	1165846	100.676	ng	98
82) 3,3'-Dichlorobenzidine	13.998	252	168743	45.994	ng	98
83) Chrysene	14.080	228	1096668	97.776	ng	98
84) Bis(2-ethylhexyl)phtha...	14.016	149	391248	58.424	ng	100
85) Di-n-octyl phthalate	14.639	149	645549	65.605	ng	98
87) Indeno(1,2,3-cd)pyrene	17.110	276	548595	52.981	ng	95
88) Benzo(b)fluoranthene	15.116	252	1003788	114.400	ng	99
89) Benzo(k)fluoranthene	15.145	252	656732	73.512	ng	98
90) Benzo(a)pyrene	15.492	252	650834	76.707	ng	98
91) Dibenzo(a,h)anthracene	17.121	278	359347	42.489	ng	98
92) Benzo(g,h,i)perylene	17.580	276	441326	50.601	ng	97

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

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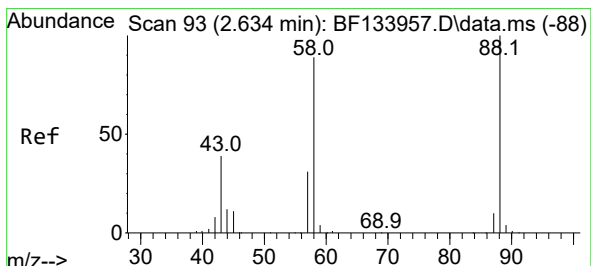
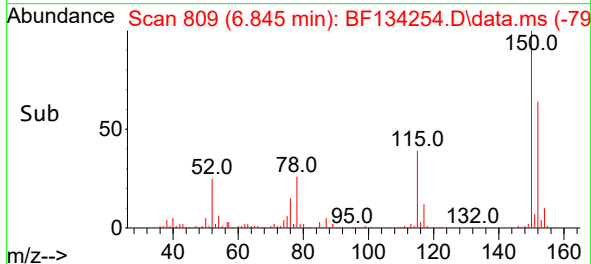
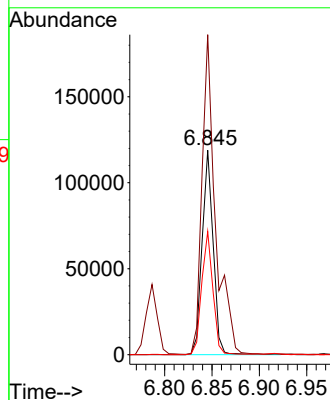
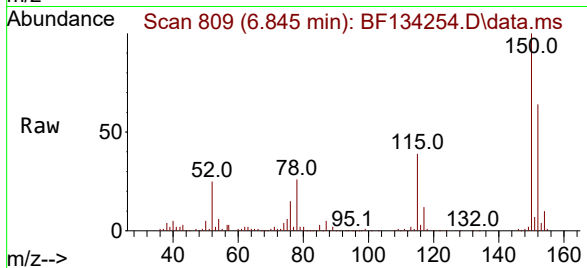




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF134254.D
Acq: 12 Jul 2023 19:13

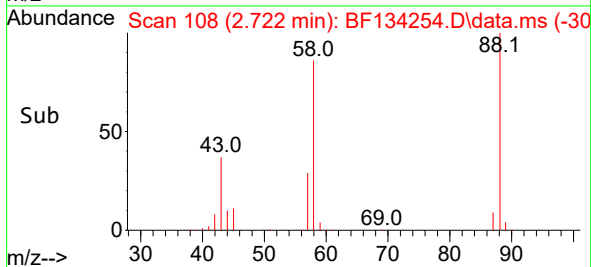
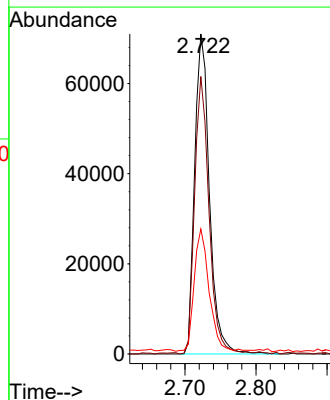
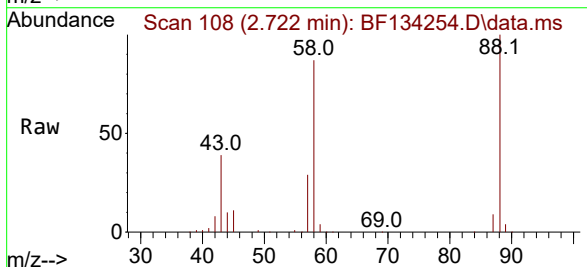
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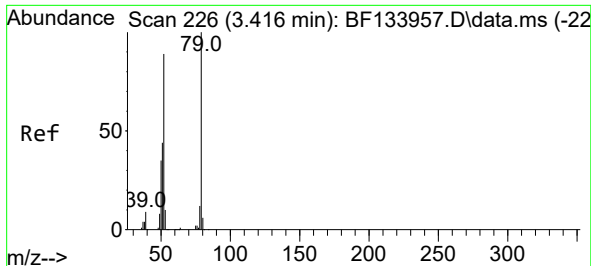
Tgt Ion:152 Resp: 97079
Ion Ratio Lower Upper
152 100
150 156.5 124.5 186.7
115 60.3 50.2 75.2



#2
1,4-Dioxane
Concen: 43.085 ng
RT: 2.722 min Scan# 108
Delta R.T. 0.106 min
Lab File: BF134254.D
Acq: 12 Jul 2023 19:13

Tgt Ion: 88 Resp: 103100
Ion Ratio Lower Upper
88 100
58 84.5 68.8 103.2
43 38.3 30.7 46.1

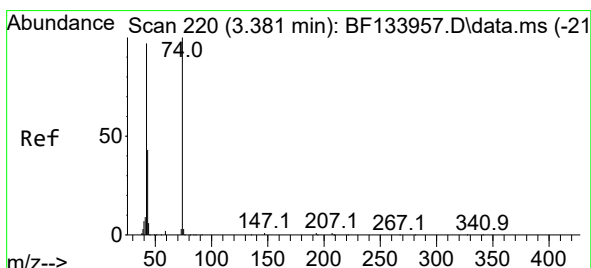
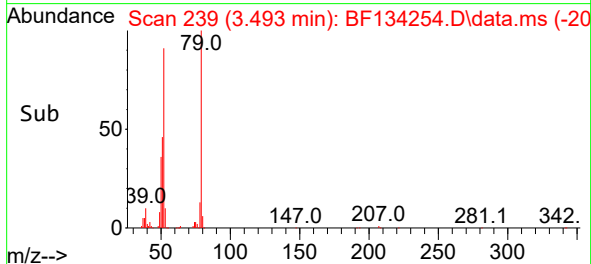
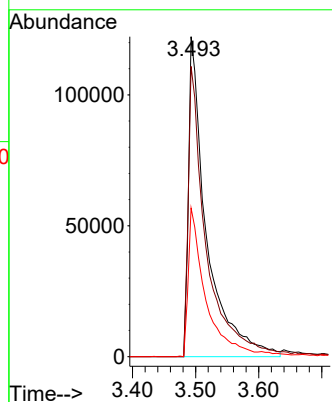
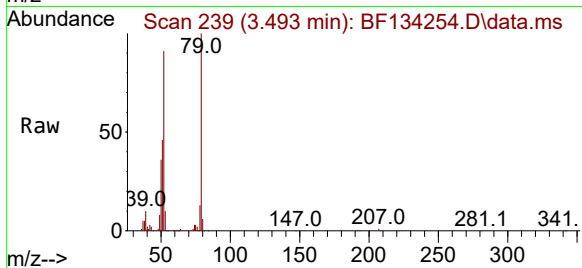




#3
 Pyridine
 Concen: 38.839 ng
 RT: 3.493 min Scan# 21
 Delta R.T. 0.094 min
 Lab File: BF134254.D
 Acq: 12 Jul 2023 19:13

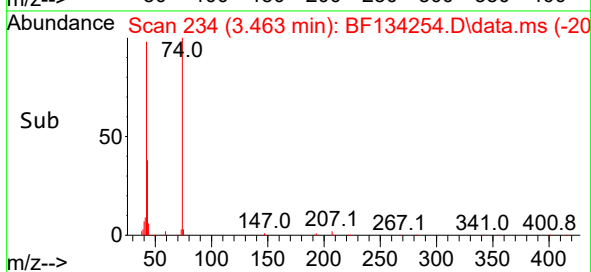
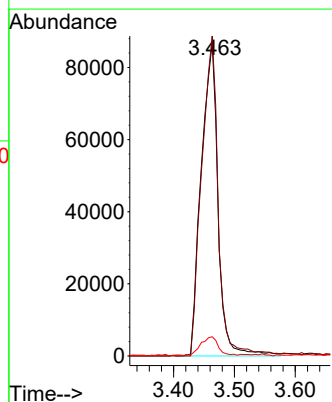
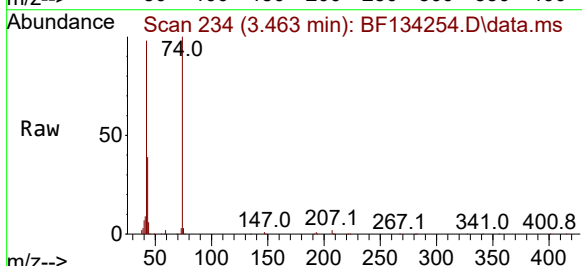
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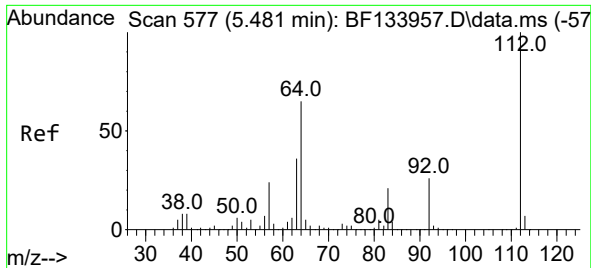
Tgt Ion: 79 Resp: 242086
 Ion Ratio Lower Upper
 79 100
 52 90.7 71.1 106.7
 51 46.5 35.2 52.8



#4
 n-Nitrosodimethylamine
 Concen: 46.810 ng
 RT: 3.463 min Scan# 234
 Delta R.T. 0.100 min
 Lab File: BF134254.D
 Acq: 12 Jul 2023 19:13

Tgt Ion: 42 Resp: 166639
 Ion Ratio Lower Upper
 42 100
 74 102.2 82.4 123.6
 44 6.1 4.9 7.3

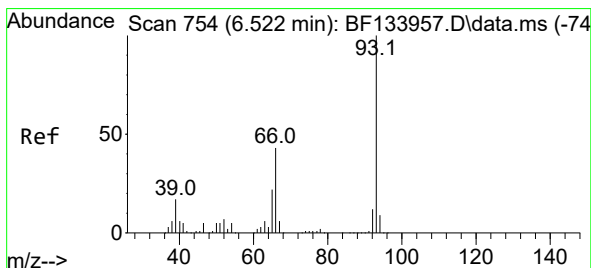
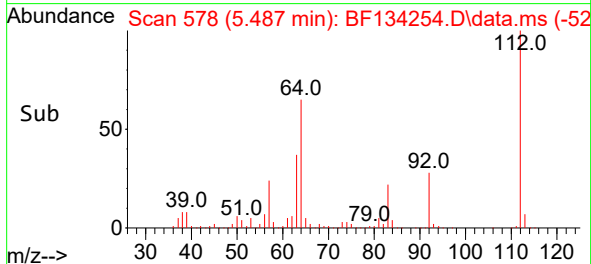
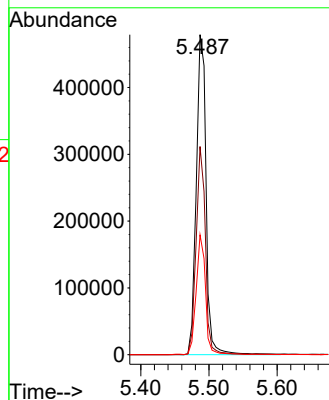
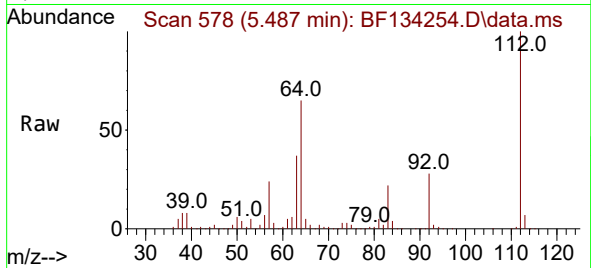




#5
2-Fluorophenol
Concen: 81.876 ng
RT: 5.487 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF134254.D
Acq: 12 Jul 2023 19:13

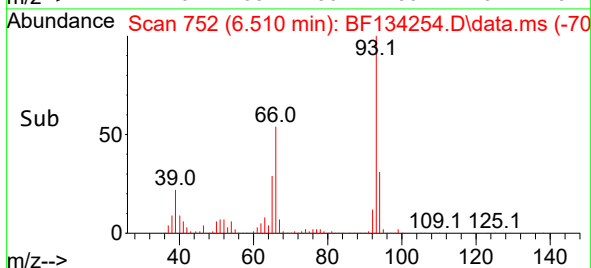
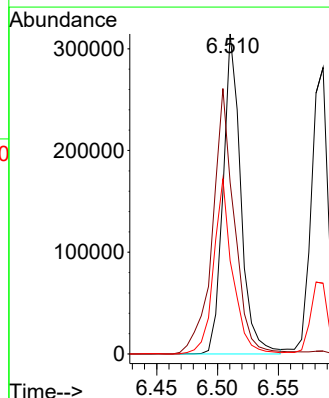
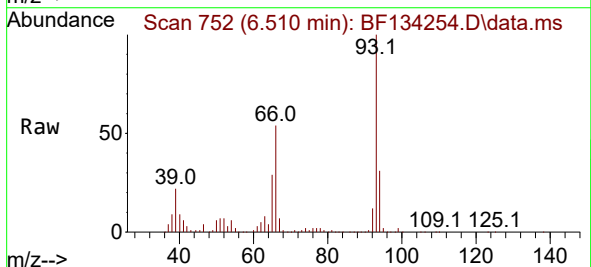
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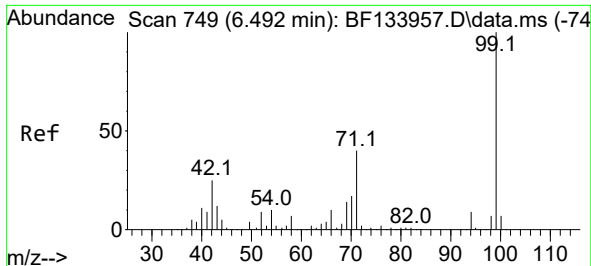
Tgt Ion:112 Resp: 475165
Ion Ratio Lower Upper
112 100
64 65.0 52.1 78.1
63 37.5 28.6 42.8



#6
Aniline
Concen: 36.693 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF134254.D
Acq: 12 Jul 2023 19:13

Tgt Ion: 93 Resp: 318678
Ion Ratio Lower Upper
93 100
66 53.6 34.5 51.7#
65 29.2 17.8 26.6#

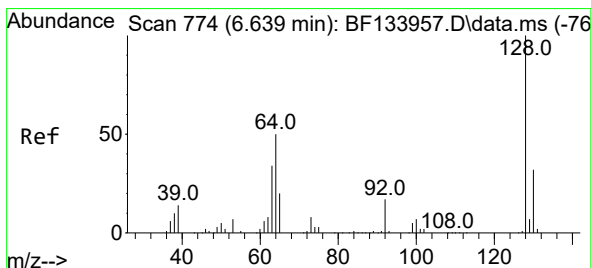
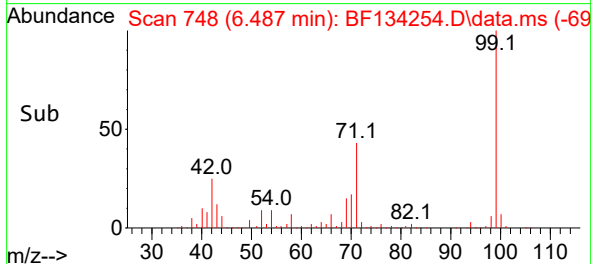
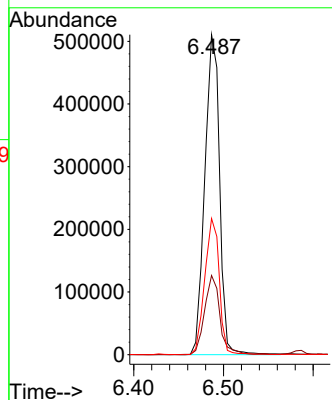
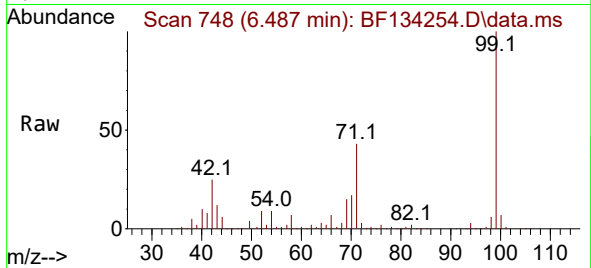




#7
Phenol-d6
Concen: 81.862 ng
RT: 6.487 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF134254.D
Acq: 12 Jul 2023 19:13

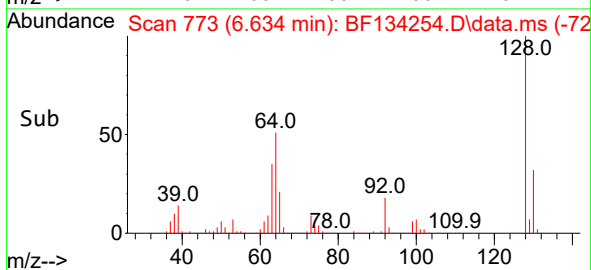
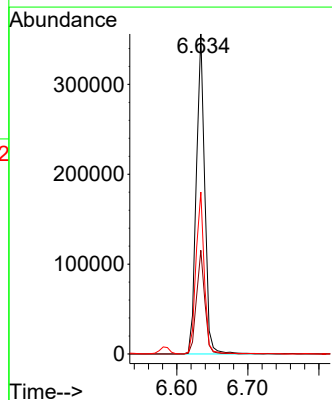
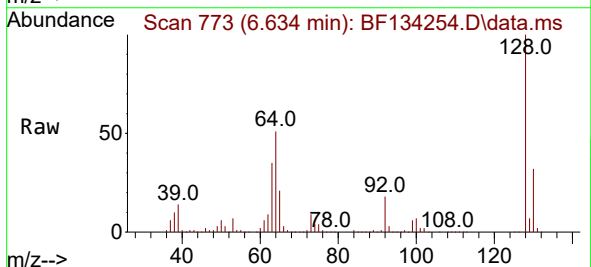
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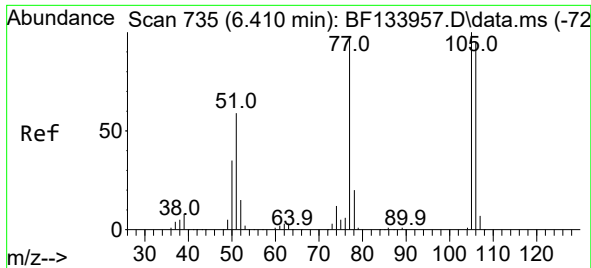
Tgt Ion: 99 Resp: 584259
Ion Ratio Lower Upper
99 100
42 24.7 19.8 29.6
71 42.5 31.9 47.9



#8
2-Chlorophenol
Concen: 50.236 ng
RT: 6.634 min Scan# 773
Delta R.T. 0.000 min
Lab File: BF134254.D
Acq: 12 Jul 2023 19:13

Tgt Ion: 128 Resp: 295955
Ion Ratio Lower Upper
128 100
130 32.4 11.7 51.7
64 50.6 31.3 71.3

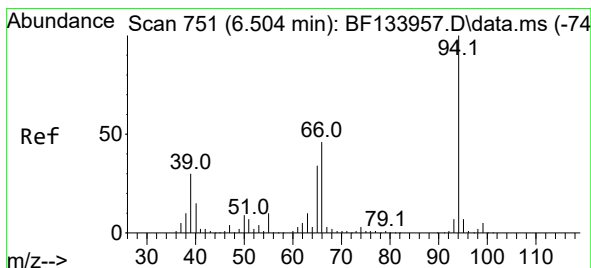
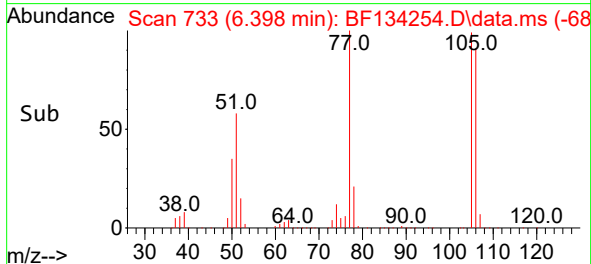
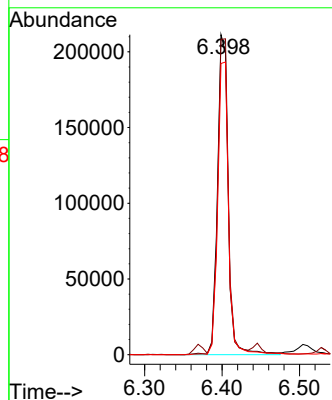
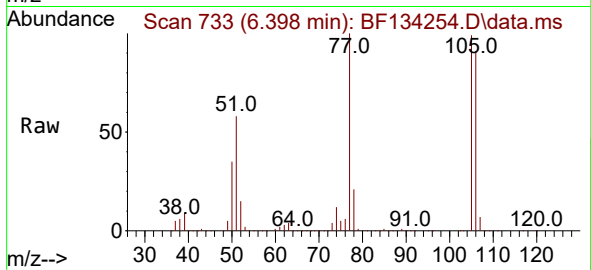




#9
Benzaldehyde
Concen: 58.550 ng
RT: 6.398 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF134254.D
Acq: 12 Jul 2023 19:13

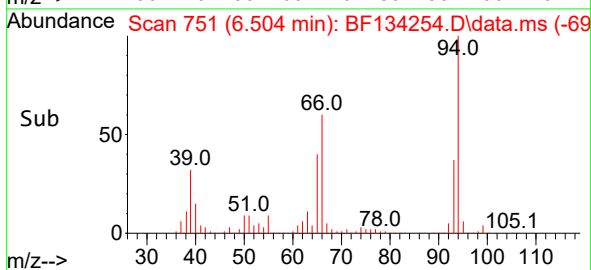
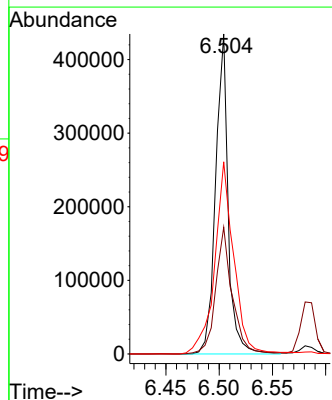
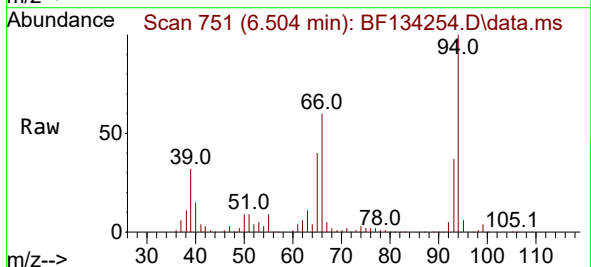
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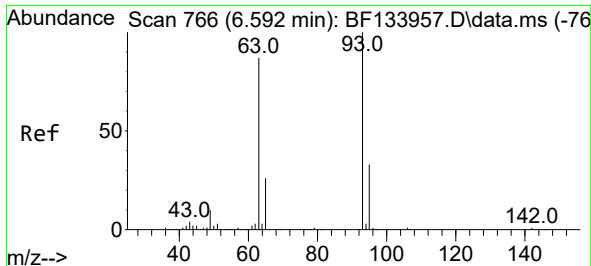
Tgt Ion: 77 Resp: 202604
Ion Ratio Lower Upper
77 100
105 98.5 82.0 122.0
106 91.0 76.9 116.9



#10
Phenol
Concen: 47.359 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF134254.D
Acq: 12 Jul 2023 19:13

Tgt Ion: 94 Resp: 355392
Ion Ratio Lower Upper
94 100
65 39.6 14.2 54.2
66 60.0 26.4 66.4

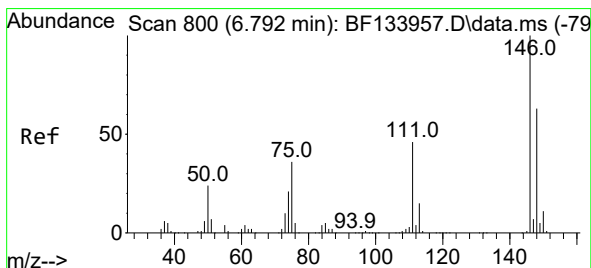
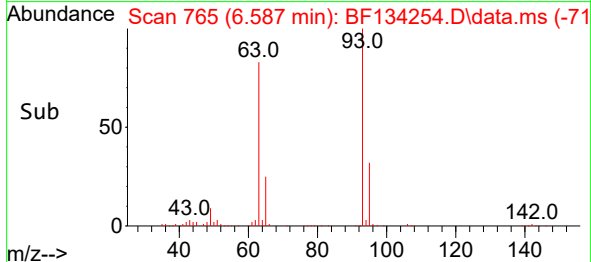
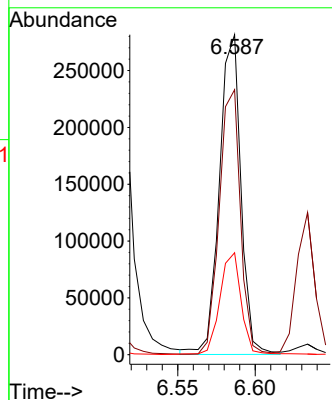
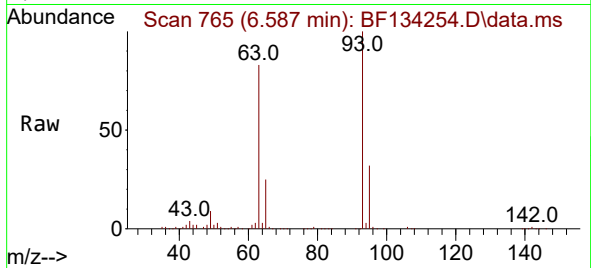




#11
bis(2-Chloroethyl)ether
Concen: 49.297 ng
RT: 6.587 min Scan# 709
Delta R.T. 0.000 min
Lab File: BF134254.D
Acq: 12 Jul 2023 19:13

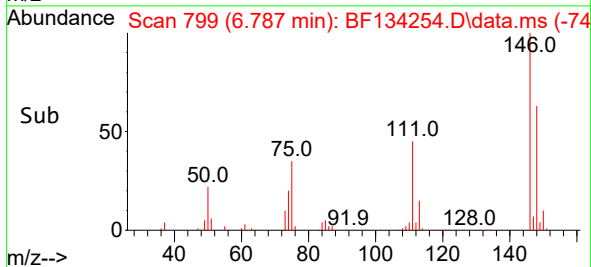
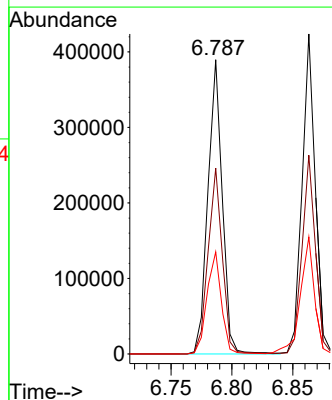
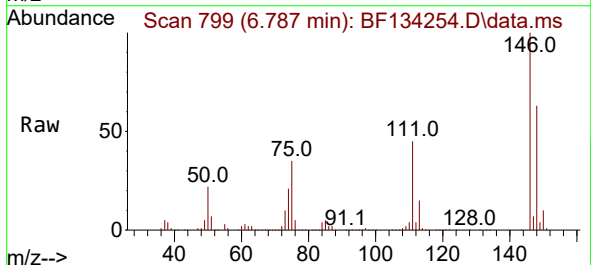
Instrument :
BNA_F
ClientSampleId :
ETGI-369MSD

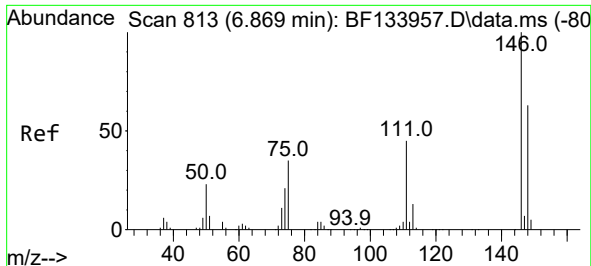
Tgt Ion: 93 Resp: 272351
Ion Ratio Lower Upper
93 100
63 82.8 66.5 106.5
95 31.9 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 50.847 ng
RT: 6.787 min Scan# 799
Delta R.T. 0.000 min
Lab File: BF134254.D
Acq: 12 Jul 2023 19:13

Tgt Ion:146 Resp: 319359
Ion Ratio Lower Upper
146 100
148 63.2 50.5 75.7
75 34.7 29.0 43.6

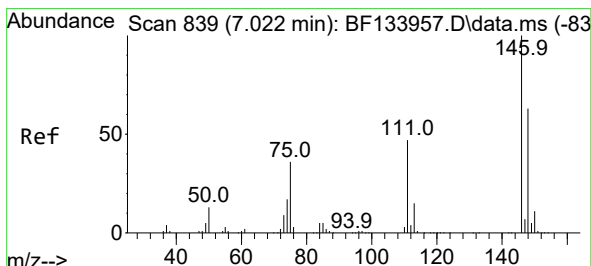
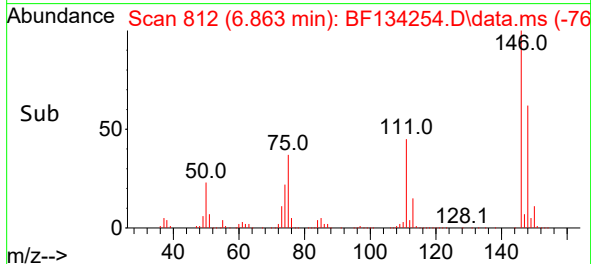
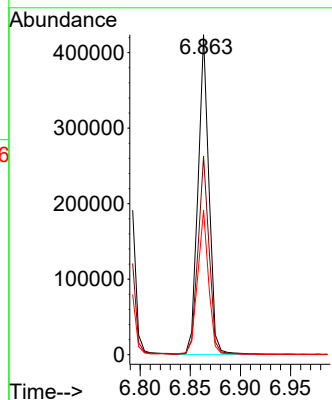
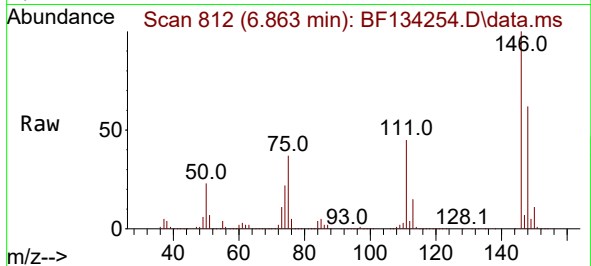




#13
1,4-Dichlorobenzene
Concen: 50.629 ng
RT: 6.863 min Scan# 813
Delta R.T. 0.000 min
Lab File: BF134254.D
Acq: 12 Jul 2023 19:13

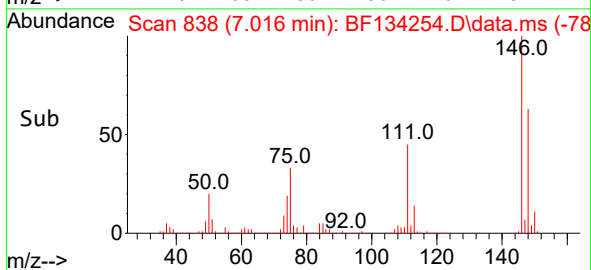
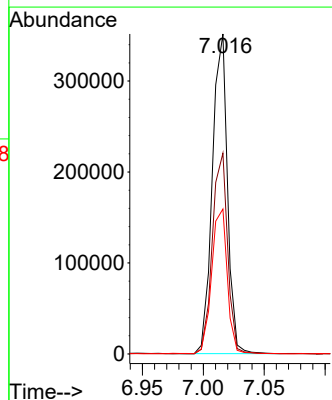
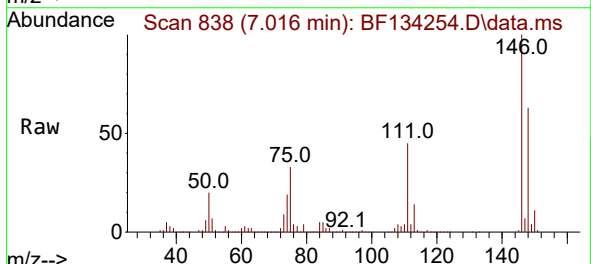
Instrument :
BNA_F
ClientSampleId :
ETGI-369MSD

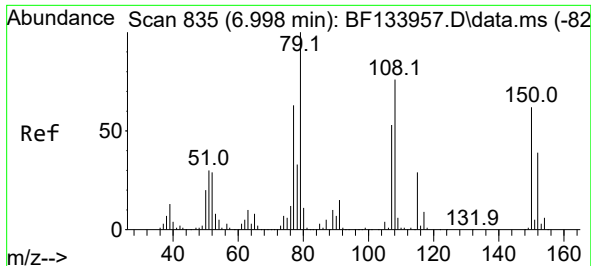
Tgt Ion:146 Resp: 321181
Ion Ratio Lower Upper
146 100
148 62.1 50.2 75.2
111 45.2 35.8 53.6



#14
1,2-Dichlorobenzene
Concen: 50.785 ng
RT: 7.016 min Scan# 838
Delta R.T. 0.000 min
Lab File: BF134254.D
Acq: 12 Jul 2023 19:13

Tgt Ion:146 Resp: 301728
Ion Ratio Lower Upper
146 100
148 62.7 50.6 76.0
111 45.3 38.0 57.0

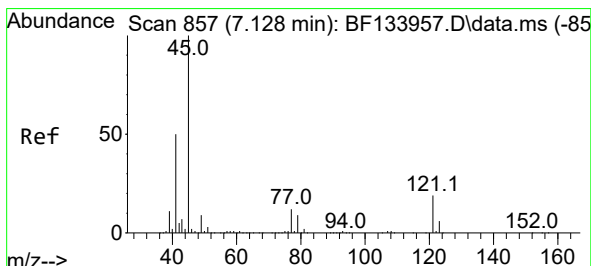
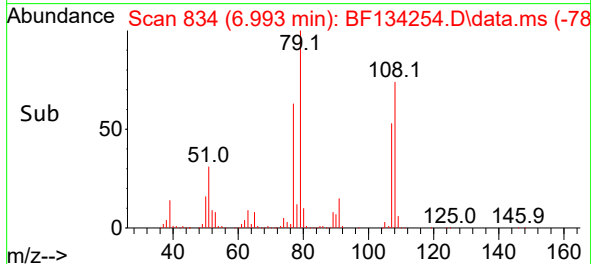
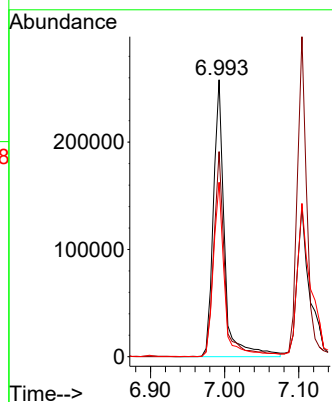
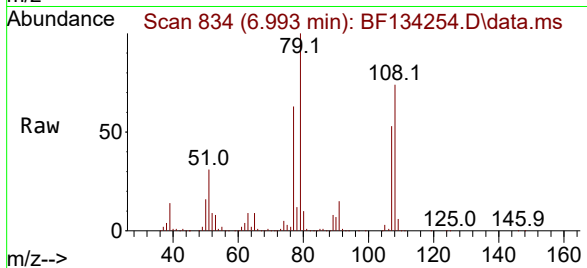




#15
Benzyl Alcohol
Concen: 48.926 ng
RT: 6.993 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF134254.D
Acq: 12 Jul 2023 19:13

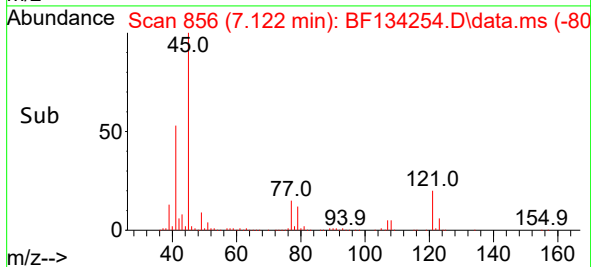
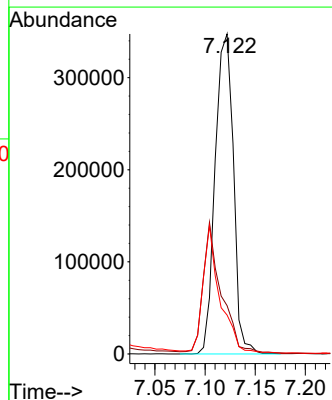
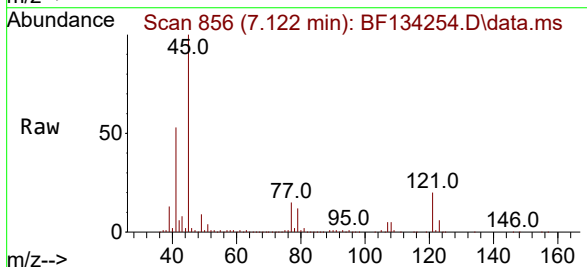
Instrument :
BNA_F
ClientSampleId :
ETGI-369MSD

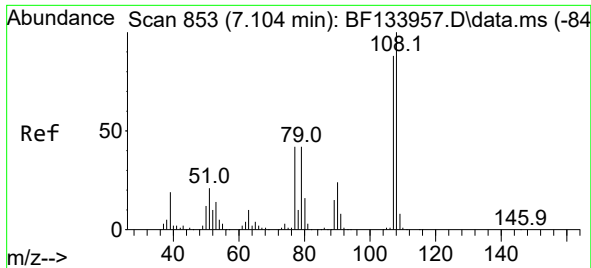
Tgt Ion: 79 Resp: 269197
Ion Ratio Lower Upper
79 100
108 74.1 60.7 91.1
77 63.0 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.033 ng
RT: 7.122 min Scan# 856
Delta R.T. 0.000 min
Lab File: BF134254.D
Acq: 12 Jul 2023 19:13

Tgt Ion: 45 Resp: 440155
Ion Ratio Lower Upper
45 100
77 15.1 0.0 32.9
79 12.2 0.0 29.5

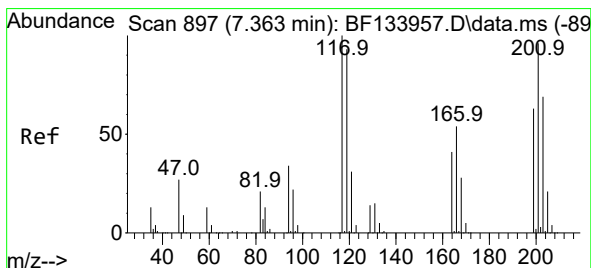
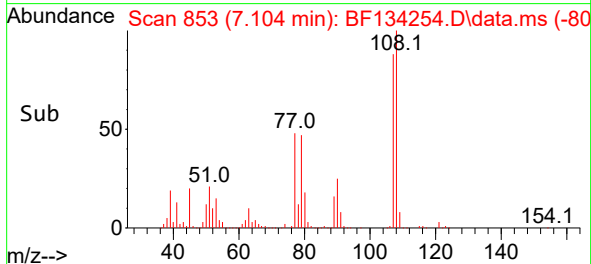
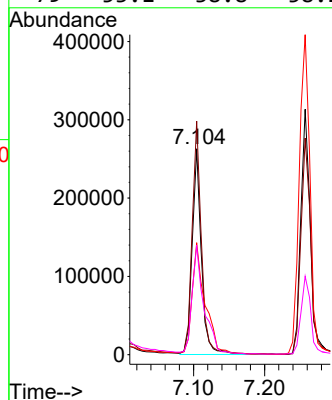
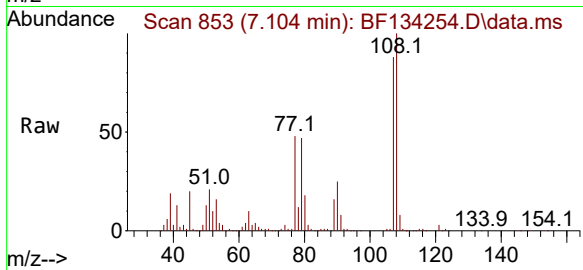




#17
2-Methylphenol
Concen: 45.435 ng
RT: 7.104 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF134254.D
Acq: 12 Jul 2023 19:13

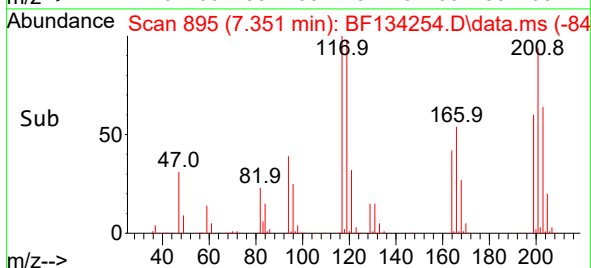
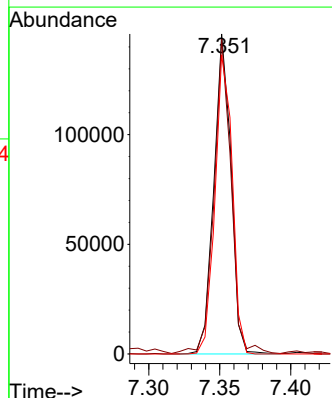
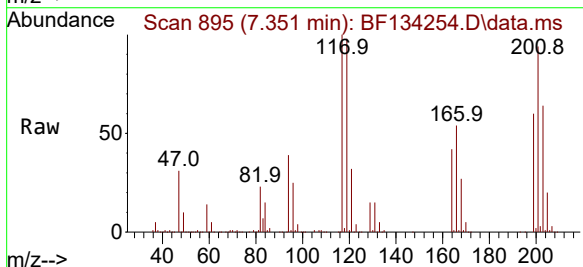
Instrument :
BNA_F
ClientSampleId :
ETGI-369MSD

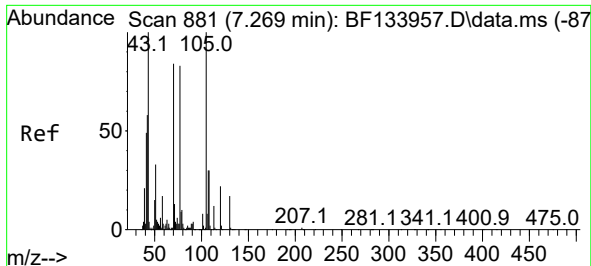
Tgt Ion:107 Resp: 239693
Ion Ratio Lower Upper
107 100
108 113.5 90.6 136.0
77 54.4 38.3 57.5
79 53.1 38.8 58.2



#18
Hexachloroethane
Concen: 52.098 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.000 min
Lab File: BF134254.D
Acq: 12 Jul 2023 19:13

Tgt Ion:117 Resp: 122548
Ion Ratio Lower Upper
117 100
119 98.3 74.2 111.4
201 93.5 77.2 115.8

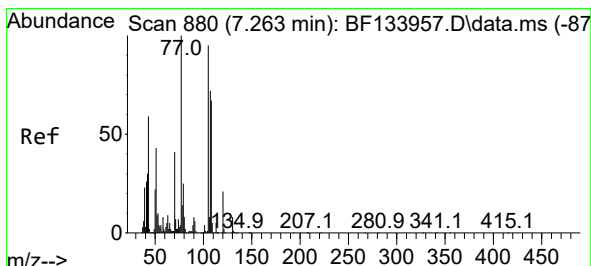
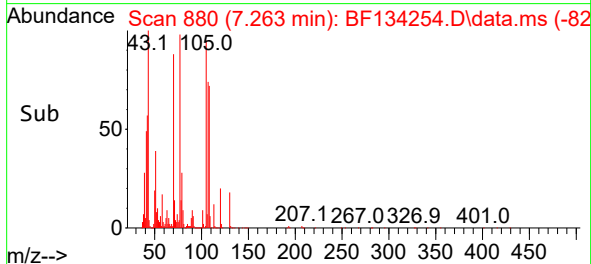
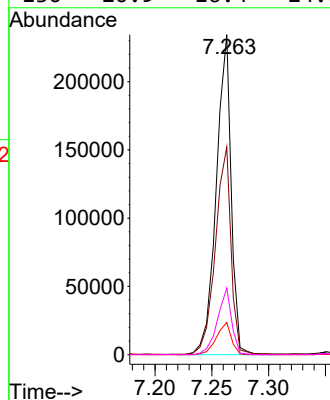
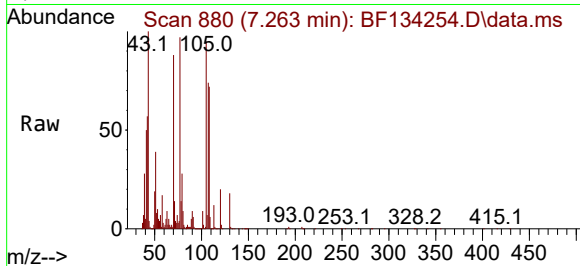




#19
n-Nitroso-di-n-propylamine
Concen: 47.297 ng
RT: 7.263 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF134254.D
Acq: 12 Jul 2023 19:13

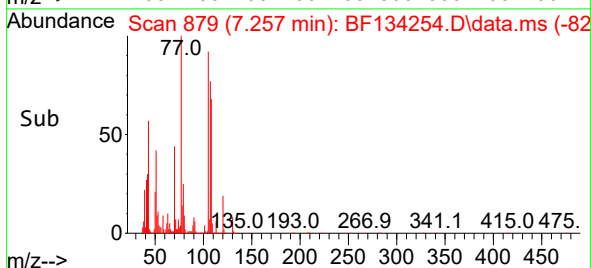
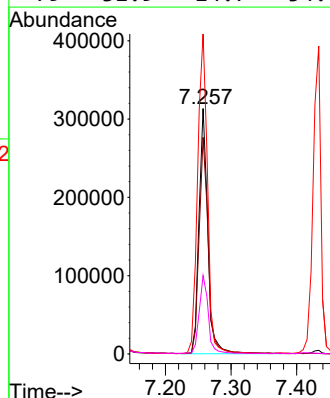
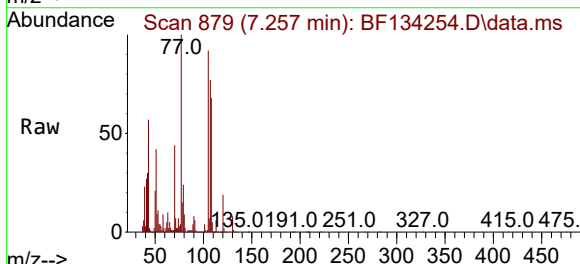
Instrument :
BNA_F
ClientSampleId :
ETGI-369MSD

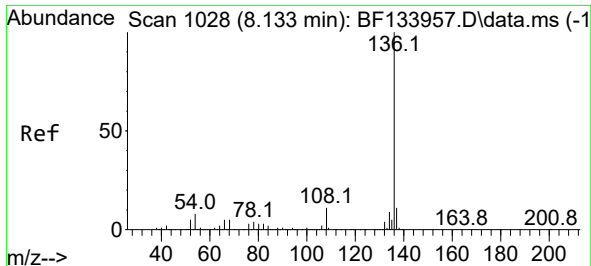
Tgt Ion:	70	Resp:	214071
Ion	Ratio	Lower	Upper
70	100		
42	64.9	54.7	82.1
101	10.1	7.7	11.5
130	20.9	16.4	24.6



#20
3+4-Methylphenols
Concen: 45.946 ng
RT: 7.257 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF134254.D
Acq: 12 Jul 2023 19:13

Tgt Ion:	107	Resp:	294057
Ion	Ratio	Lower	Upper
107	100		
108	88.3	73.2	113.2
77	130.4	118.3	158.3
79	31.9	14.7	54.7

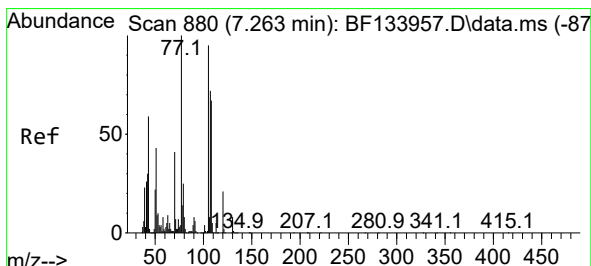
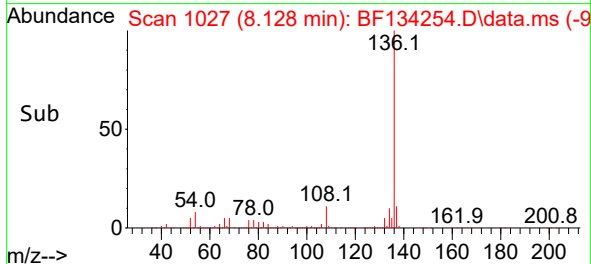
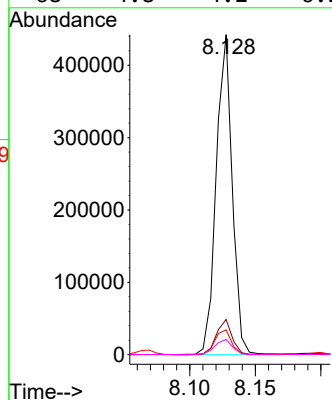
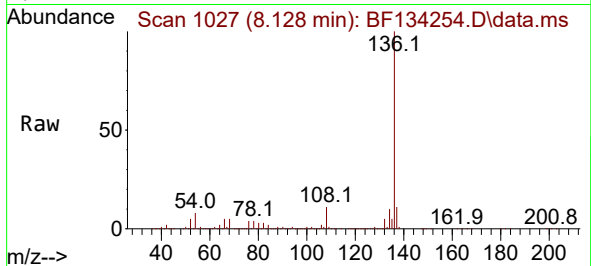




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BF134254.D
Acq: 12 Jul 2023 19:13

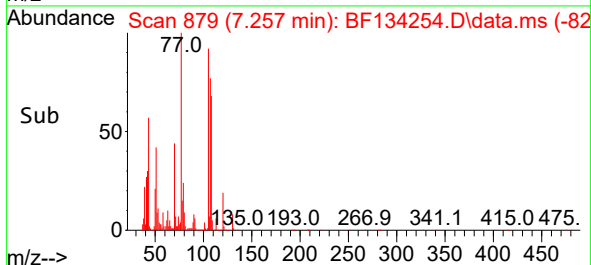
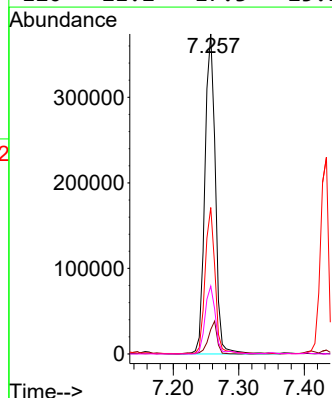
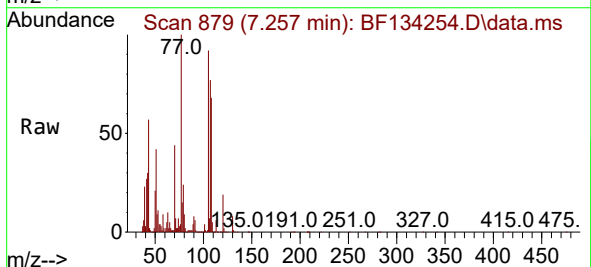
Instrument :
BNA_F
ClientSampleId :
ETGI-369MSD

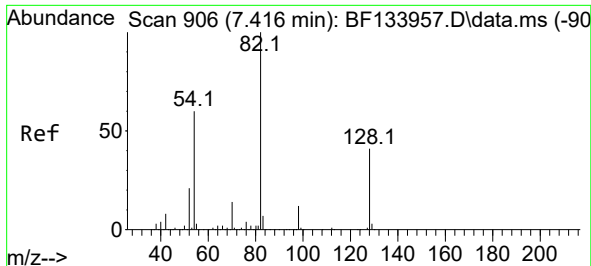
Tgt Ion:136 Resp: 375627
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 7.8 6.5 9.7
68 4.8 4.2 6.2



#22
Acetophenone
Concen: 48.884 ng
RT: 7.257 min Scan# 879
Delta R.T. 0.000 min
Lab File: BF134254.D
Acq: 12 Jul 2023 19:13

Tgt Ion:105 Resp: 417599
Ion Ratio Lower Upper
105 100
71 7.7 5.5 8.3
51 45.8 36.5 54.7
120 21.2 17.3 25.9





#23

Nitrobenzene-d5

Concen: 59.727 ng

RT: 7.410 min Scan# 906

Delta R.T. 0.000 min

Lab File: BF134254.D

Acq: 12 Jul 2023 19:13

Instrument :

BNA_F

ClientSampleId :

ETGI-369MSD

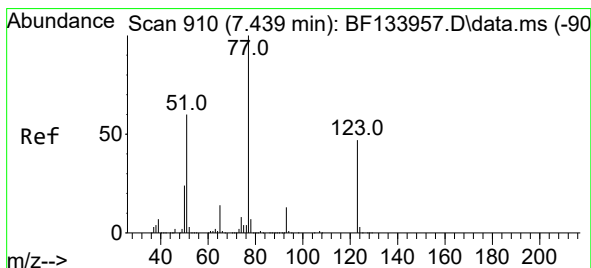
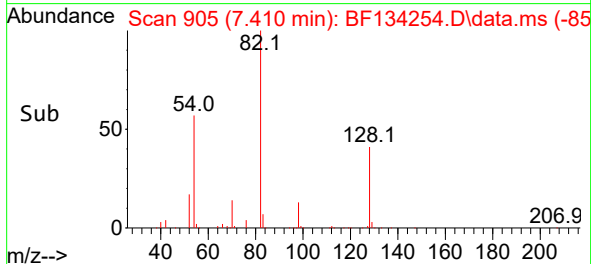
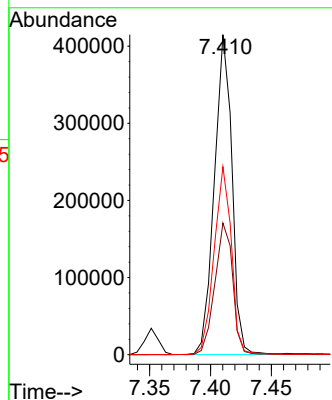
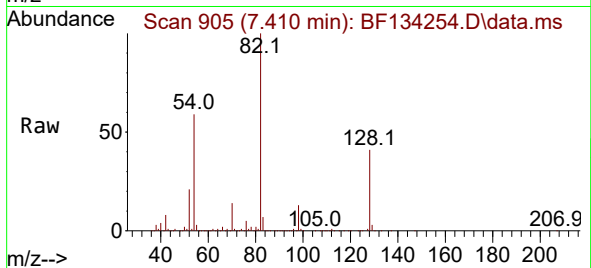
Tgt Ion: 82 Resp: 416194

Ion Ratio Lower Upper

82 100

128 41.2 32.5 48.7

54 58.8 48.2 72.2



#24

Nitrobenzene

Concen: 46.556 ng

RT: 7.434 min Scan# 909

Delta R.T. 0.006 min

Lab File: BF134254.D

Acq: 12 Jul 2023 19:13

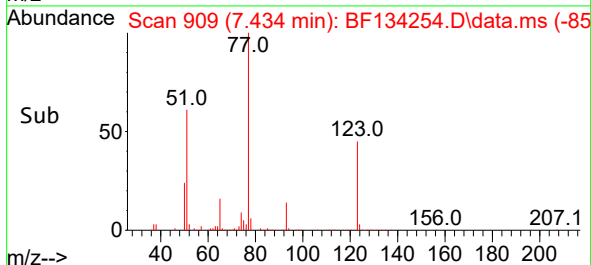
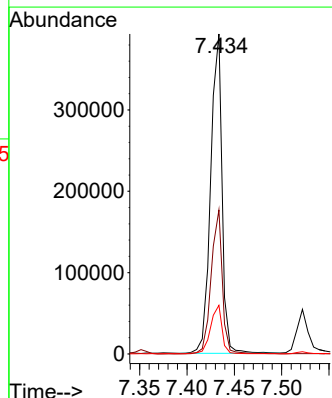
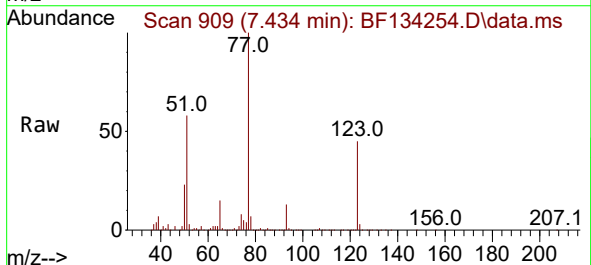
Tgt Ion: 77 Resp: 327832

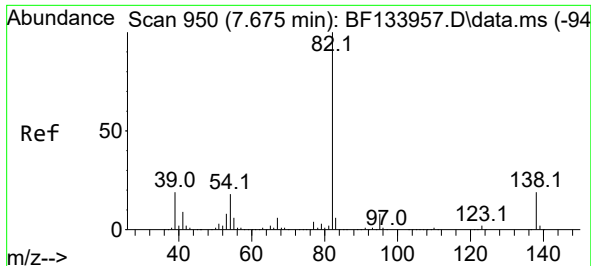
Ion Ratio Lower Upper

77 100

123 45.0 37.8 56.6

65 15.2 11.3 16.9

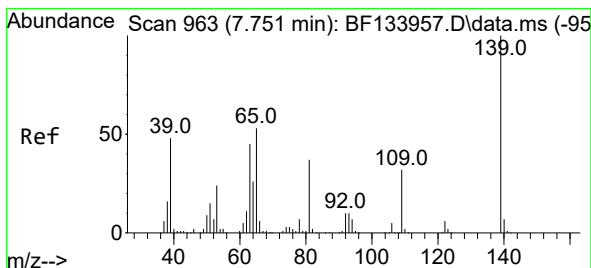
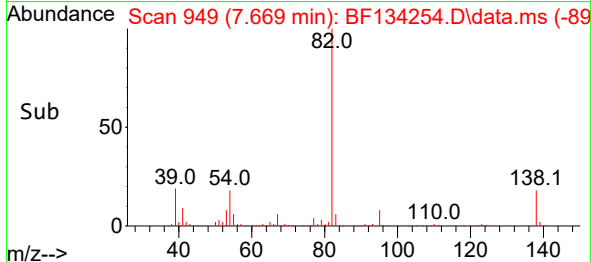
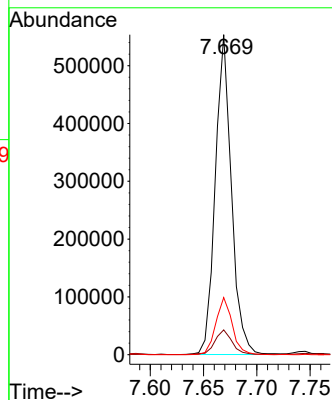
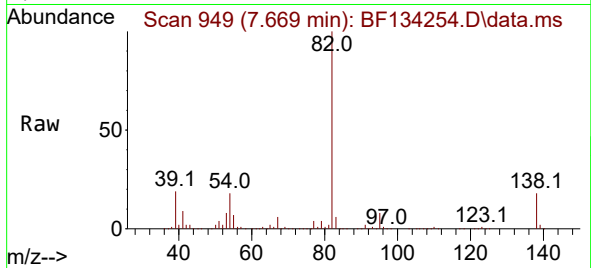




#25
Isophorone
Concen: 45.881 ng
RT: 7.669 min Scan# 949
Delta R.T. 0.006 min
Lab File: BF134254.D
Acq: 12 Jul 2023 19:13

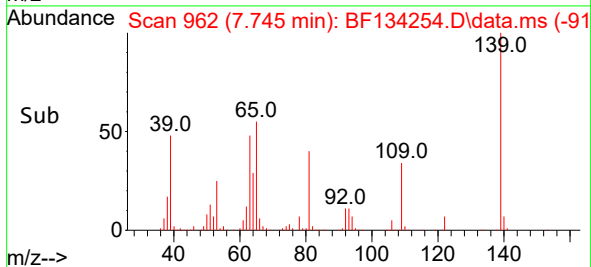
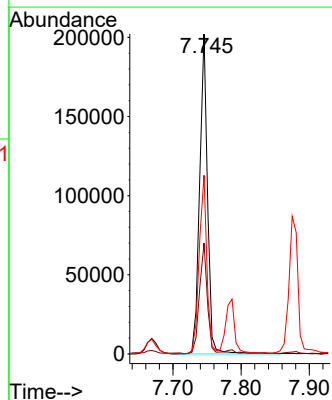
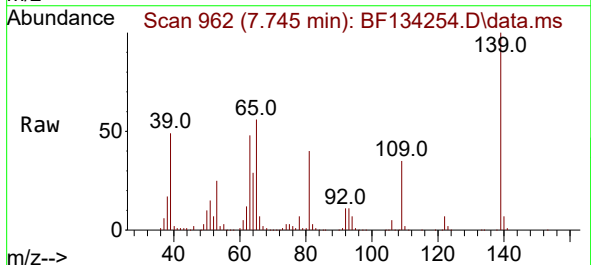
Instrument :
BNA_F
ClientSampleId :
ETGI-369MSD

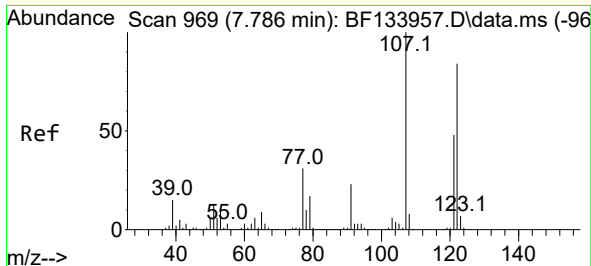
Tgt Ion: 82 Resp: 581054
Ion Ratio Lower Upper
82 100
95 7.7 6.1 9.1
138 17.8 15.2 22.8



#26
2-Nitrophenol
Concen: 48.161 ng
RT: 7.745 min Scan# 962
Delta R.T. 0.000 min
Lab File: BF134254.D
Acq: 12 Jul 2023 19:13

Tgt Ion:139 Resp: 162687
Ion Ratio Lower Upper
139 100
109 34.6 25.8 38.8
65 55.9 42.4 63.6





#27

2,4-Dimethylphenol

Concen: 48.696 ng

RT: 7.787 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF134254.D

Acq: 12 Jul 2023 19:13

Instrument :

BNA_F

ClientSampleId :

ETGI-369MSD

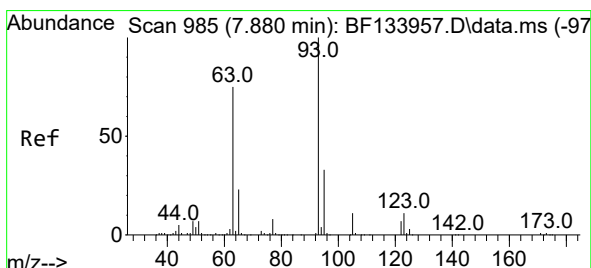
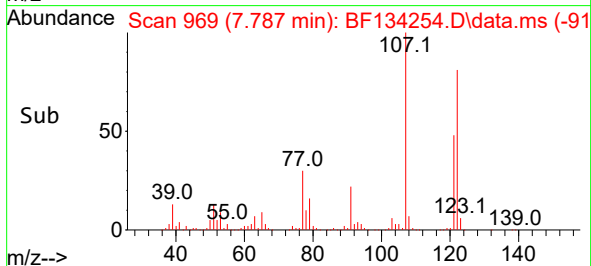
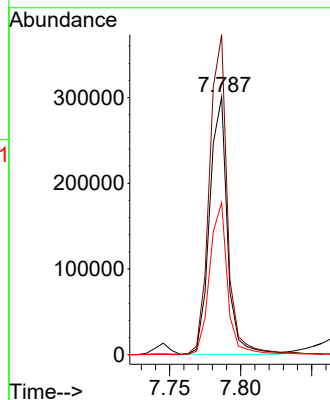
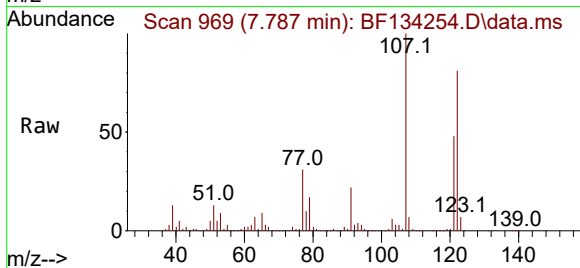
Tgt Ion:122 Resp: 260379

Ion Ratio Lower Upper

122 100

107 124.2 95.5 143.3

121 59.1 45.5 68.3



#28

bis(2-Chloroethoxy)methane

Concen: 45.361 ng

RT: 7.875 min Scan# 984

Delta R.T. 0.000 min

Lab File: BF134254.D

Acq: 12 Jul 2023 19:13

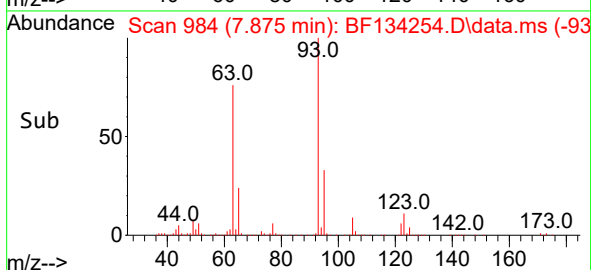
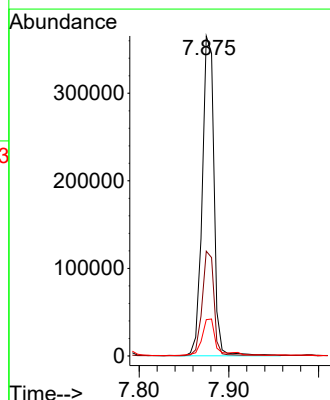
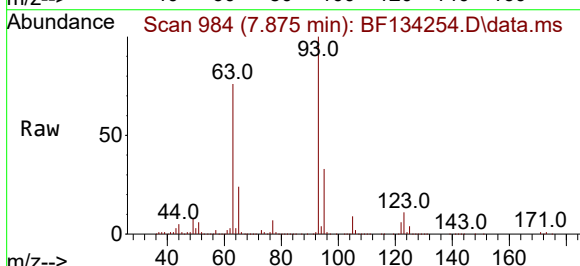
Tgt Ion: 93 Resp: 332633

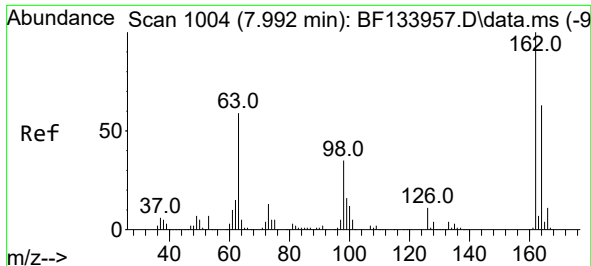
Ion Ratio Lower Upper

93 100

95 32.7 26.5 39.7

123 11.4 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 46.875 ng

RT: 7.987 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BF134254.D

Acq: 12 Jul 2023 19:13

Instrument :

BNA_F

ClientSampleId :

ETGI-369MSD

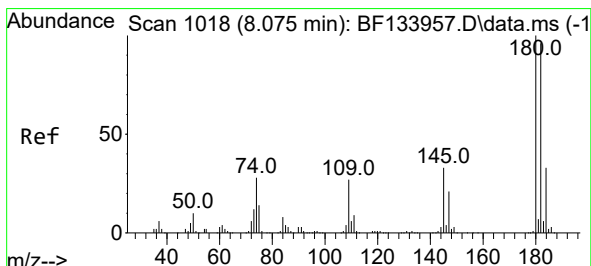
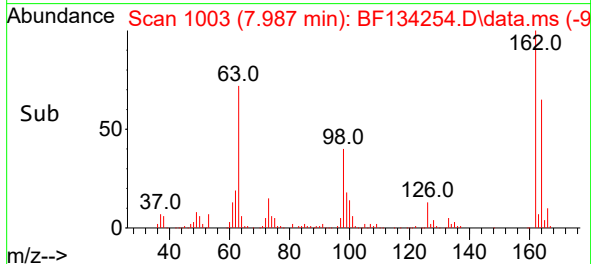
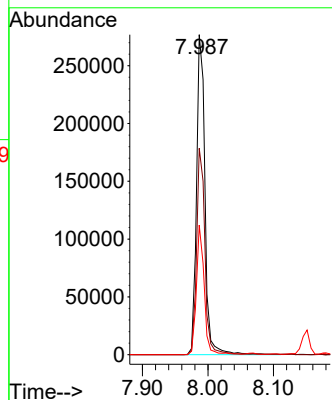
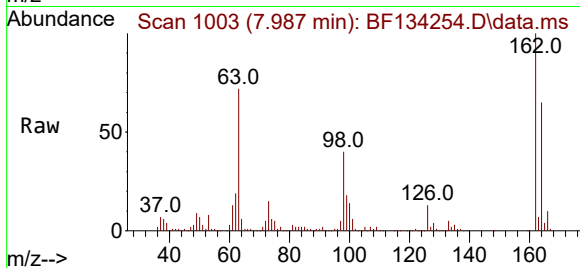
Tgt Ion:162 Resp: 248541

Ion Ratio Lower Upper

162 100

164 64.5 43.2 83.2

98 40.5 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 48.837 ng

RT: 8.069 min Scan# 1017

Delta R.T. 0.000 min

Lab File: BF134254.D

Acq: 12 Jul 2023 19:13

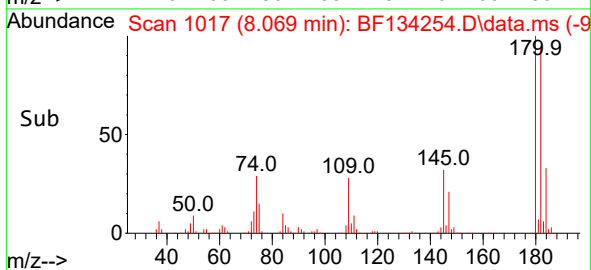
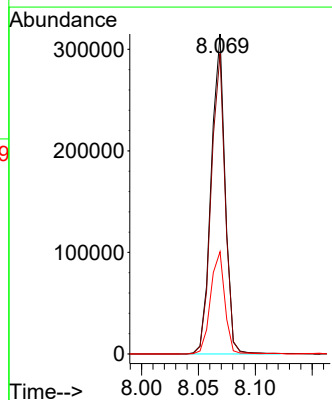
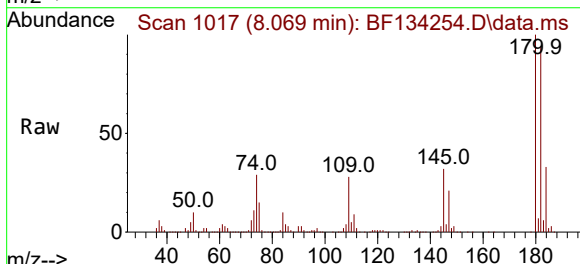
Tgt Ion:180 Resp: 267189

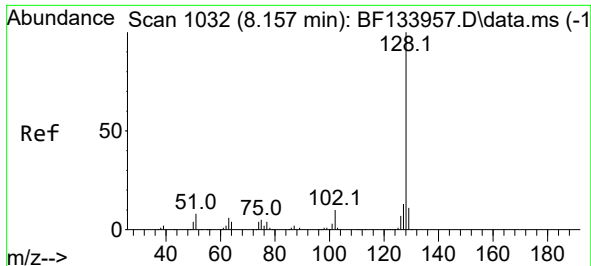
Ion Ratio Lower Upper

180 100

182 93.9 77.1 115.7

145 32.0 26.0 39.0

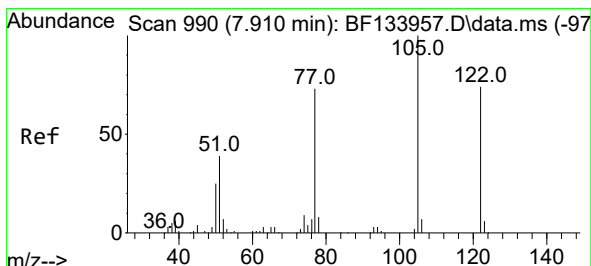
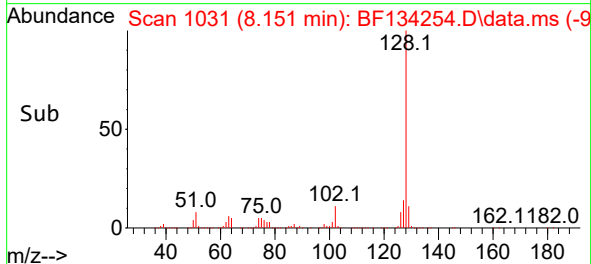
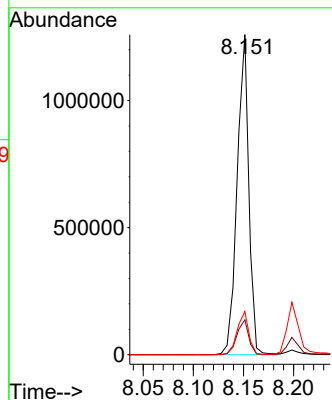
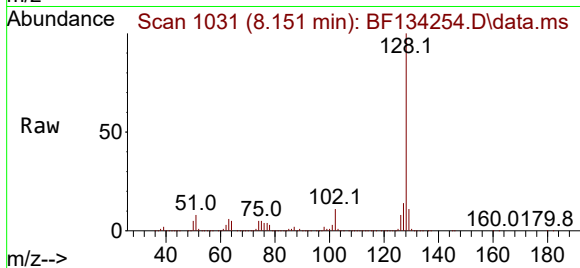




#31
Naphthalene
Concen: 56.284 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF134254.D
Acq: 12 Jul 2023 19:13

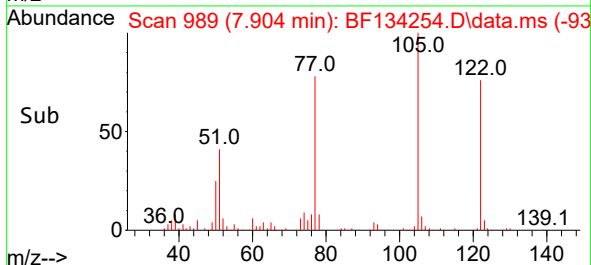
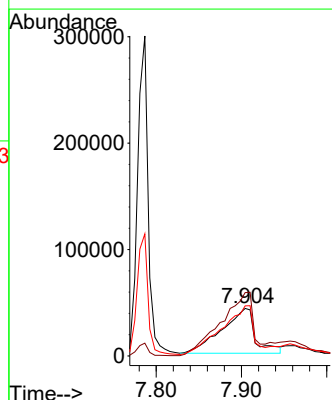
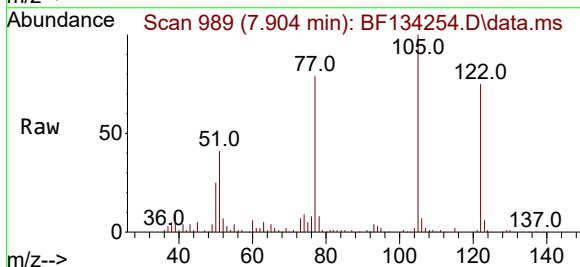
Instrument :
BNA_F
ClientSampleId :
ETGI-369MSD

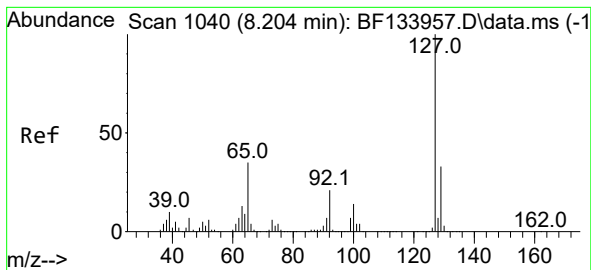
Tgt Ion:128 Resp: 1021207
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.5 10.6 15.8



#32
Benzoic acid
Concen: 28.607 ng
RT: 7.904 min Scan# 989
Delta R.T. 0.012 min
Lab File: BF134254.D
Acq: 12 Jul 2023 19:13

Tgt Ion:122 Resp: 114619
Ion Ratio Lower Upper
122 100
105 133.1 109.7 149.7
77 105.2 76.0 116.0





#33

4-Chloroaniline

Concen: 23.181 ng

RT: 8.198 min Scan# 1039

Delta R.T. 0.000 min

Lab File: BF134254.D

Acq: 12 Jul 2023 19:13

Instrument :

BNA_F

ClientSampleId :

ETGI-369MSD

Tgt Ion:127 Resp: 179913

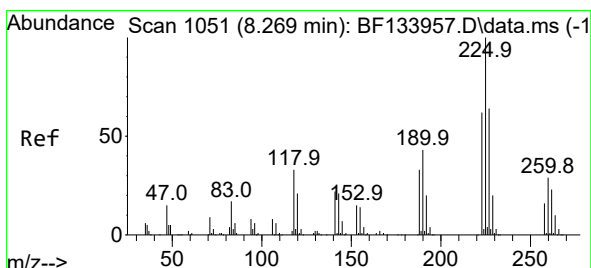
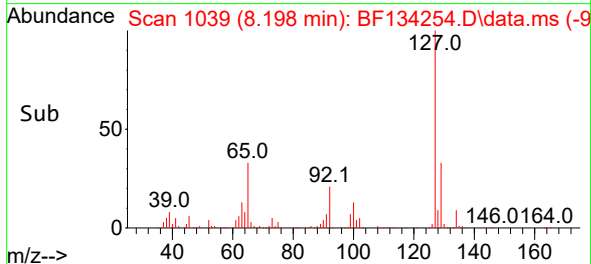
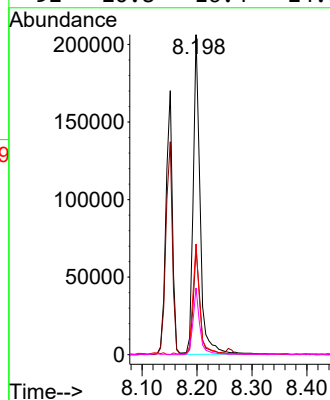
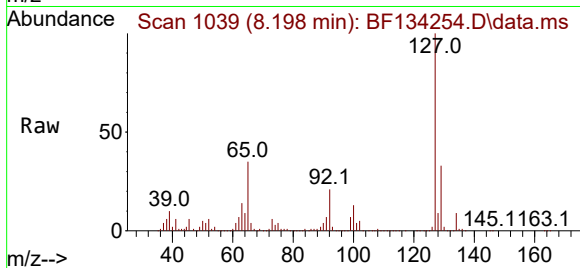
Ion Ratio Lower Upper

127 100

129 33.1 26.4 39.6

65 34.6 27.8 41.8

92 20.8 16.4 24.6



#34

Hexachlorobutadiene

Concen: 50.196 ng

RT: 8.263 min Scan# 1050

Delta R.T. 0.000 min

Lab File: BF134254.D

Acq: 12 Jul 2023 19:13

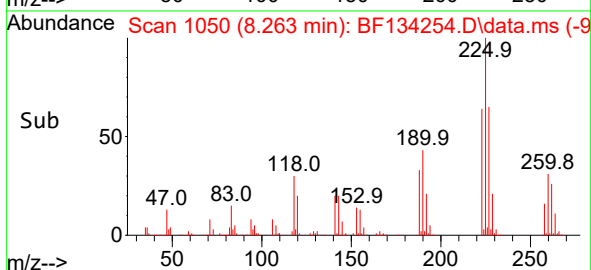
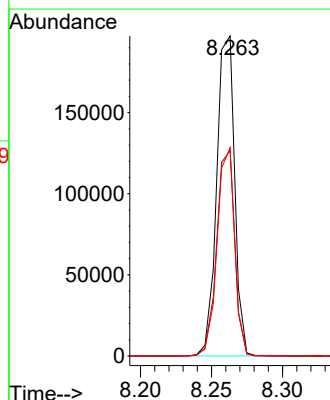
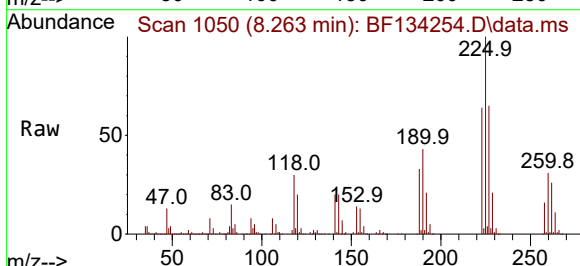
Tgt Ion:225 Resp: 173236

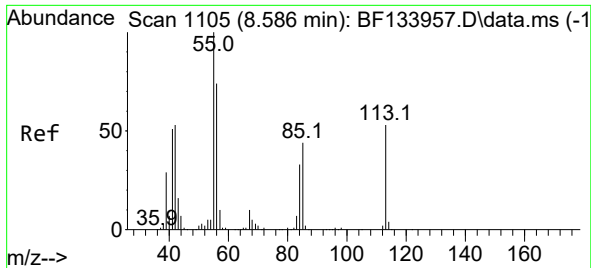
Ion Ratio Lower Upper

225 100

223 64.2 49.8 74.8

227 65.1 51.0 76.4

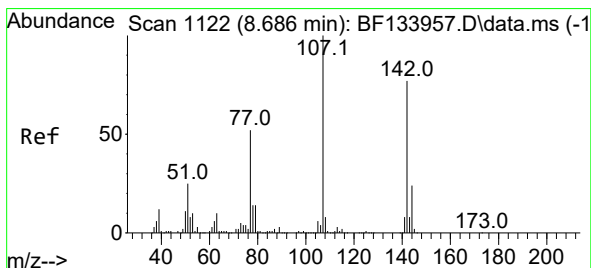
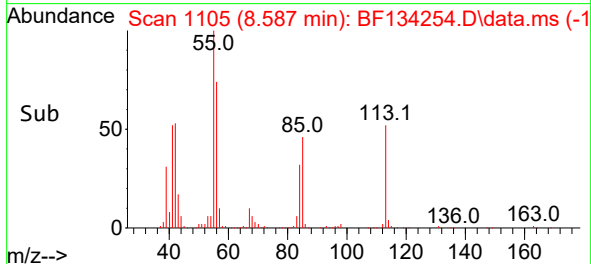
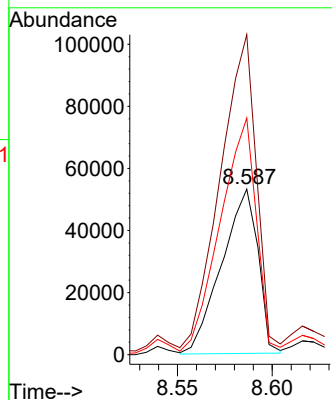
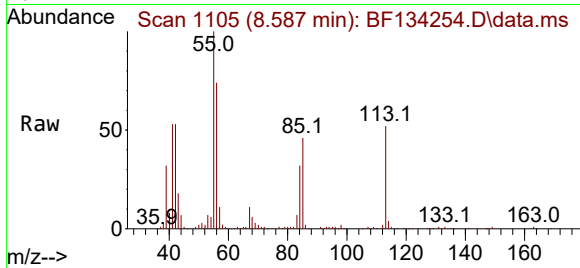




#35
 Caprolactam
 Concen: 40.388 ng
 RT: 8.587 min Scan# 1105
 Delta R.T. 0.012 min
 Lab File: BF134254.D
 Acq: 12 Jul 2023 19:13

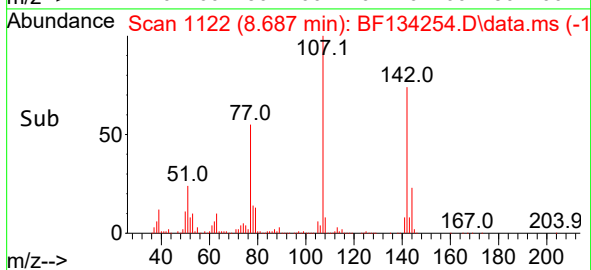
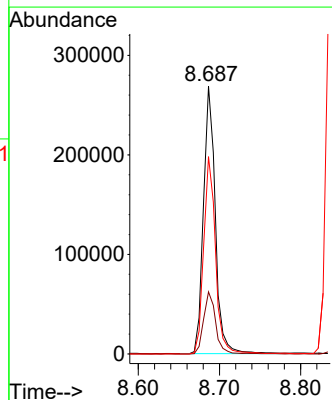
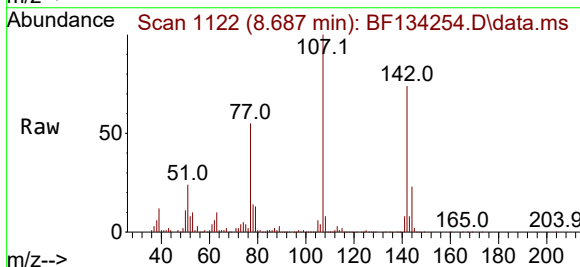
Instrument :
 BNA_F
 ClientSampleId :
 ETGI-369MSD

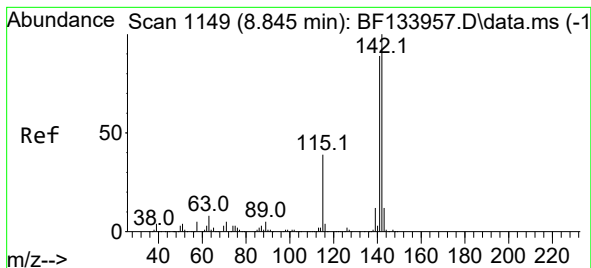
Tgt Ion:113 Resp: 70510
 Ion Ratio Lower Upper
 113 100
 55 193.2 170.2 210.2
 56 142.8 121.4 161.4



#36
 4-Chloro-3-methylphenol
 Concen: 45.635 ng
 RT: 8.687 min Scan# 1122
 Delta R.T. 0.006 min
 Lab File: BF134254.D
 Acq: 12 Jul 2023 19:13

Tgt Ion:107 Resp: 271829
 Ion Ratio Lower Upper
 107 100
 144 23.2 19.6 29.4
 142 73.7 61.4 92.2





#37

2-Methylnaphthalene

Concen: 49.145 ng

RT: 8.839 min Scan# 1148

Delta R.T. 0.000 min

Lab File: BF134254.D

Acq: 12 Jul 2023 19:13

Instrument :

BNA_F

ClientSampleId :

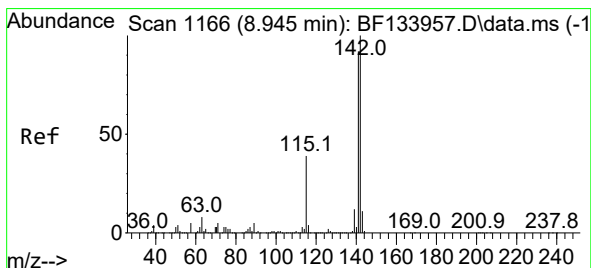
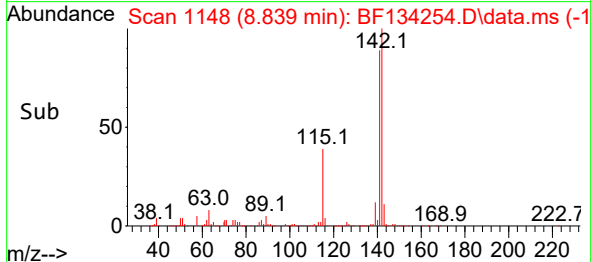
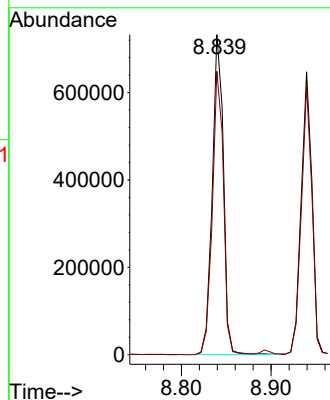
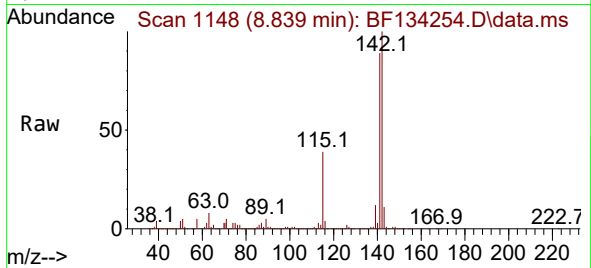
ETGI-369MSD

Tgt Ion:142 Resp: 630568

Ion Ratio Lower Upper

142 100

141 88.6 71.0 106.4



#38

1-Methylnaphthalene

Concen: 45.382 ng

RT: 8.939 min Scan# 1165

Delta R.T. 0.000 min

Lab File: BF134254.D

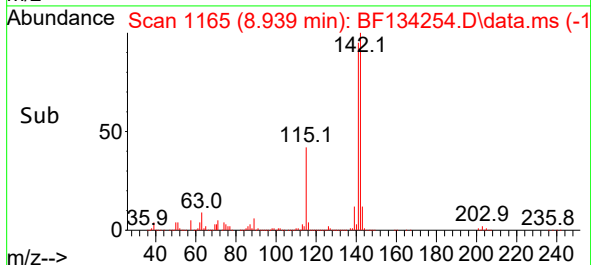
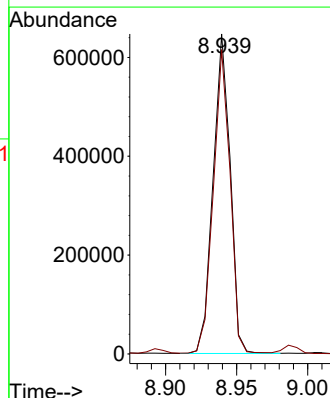
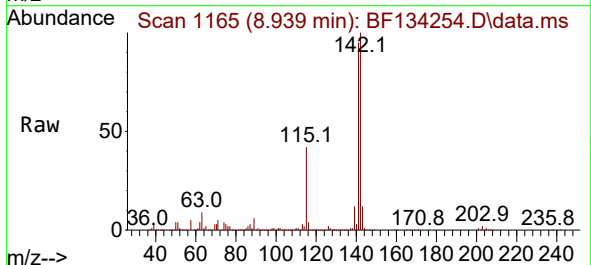
Acq: 12 Jul 2023 19:13

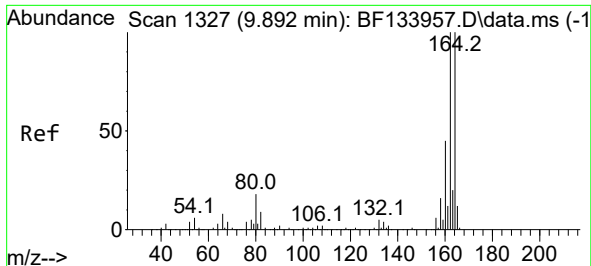
Tgt Ion:142 Resp: 541318

Ion Ratio Lower Upper

142 100

141 95.1 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1176

Delta R.T. 0.000 min

Lab File: BF134254.D

Acq: 12 Jul 2023 19:13

Instrument :

BNA_F

ClientSampleId :

ETGI-369MSD

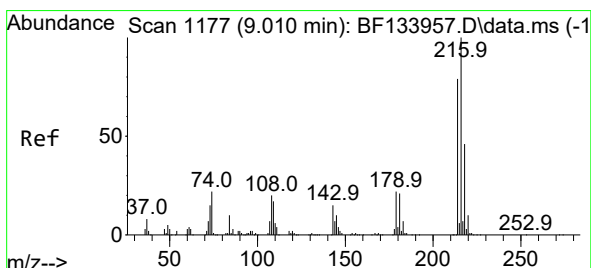
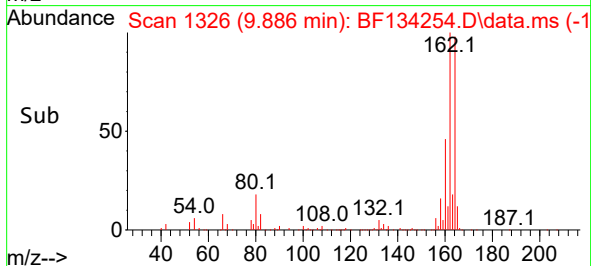
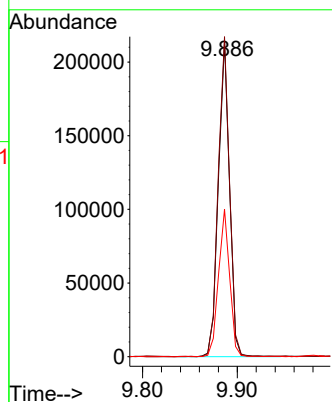
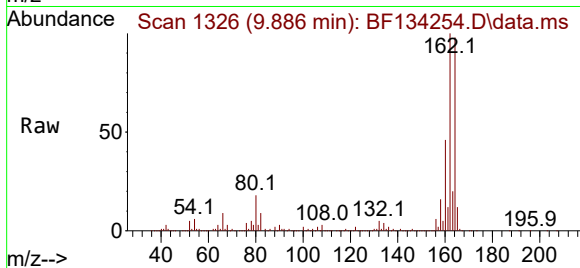
Tgt Ion:164 Resp: 174982

Ion Ratio Lower Upper

164 100

162 101.6 80.0 120.0

160 46.8 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.183 ng

RT: 9.004 min Scan# 1176

Delta R.T. 0.000 min

Lab File: BF134254.D

Acq: 12 Jul 2023 19:13

Tgt Ion:216 Resp: 265341

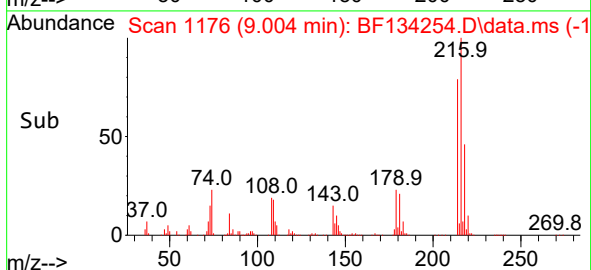
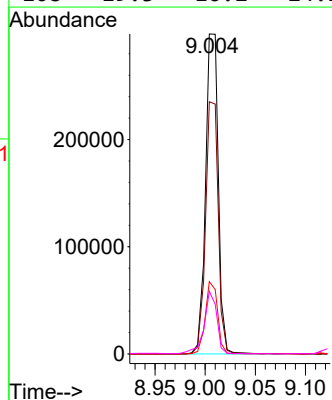
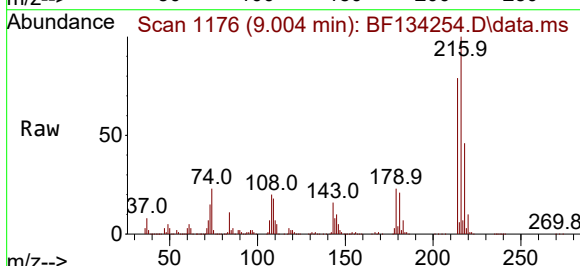
Ion Ratio Lower Upper

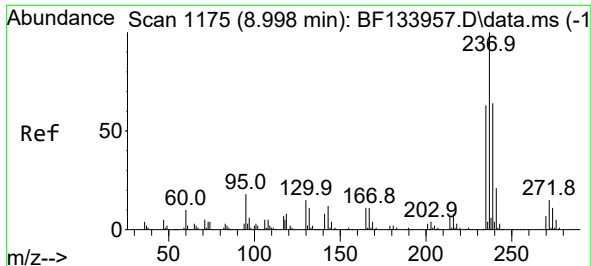
216 100

214 78.5 64.1 96.1

179 21.8 17.3 25.9

108 19.3 16.2 24.2

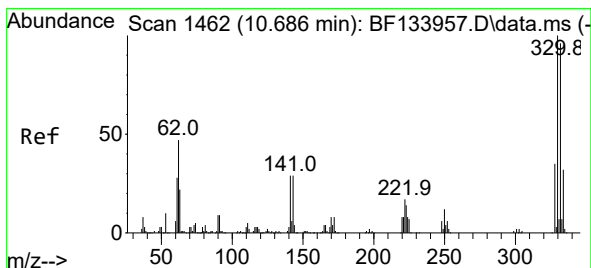
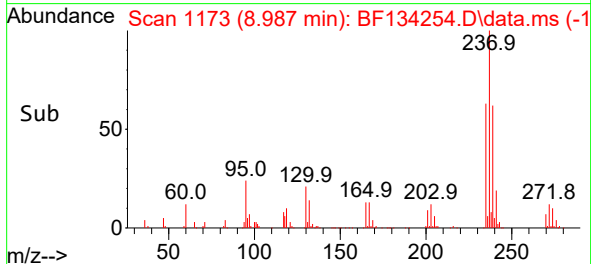
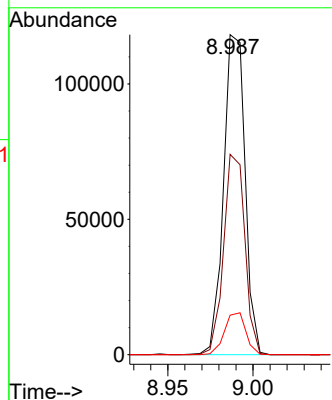
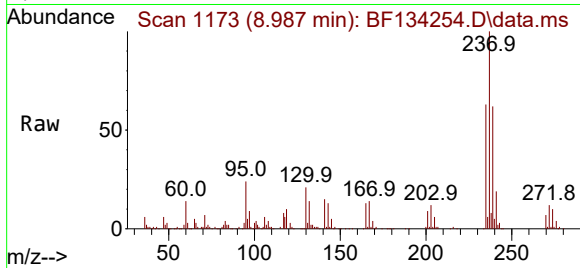




#41
Hexachlorocyclopentadiene
Concen: 42.253 ng
RT: 8.987 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BF134254.D
Acq: 12 Jul 2023 19:13

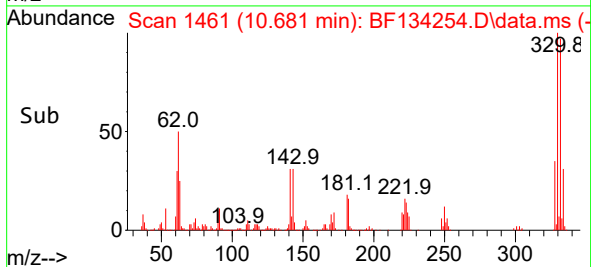
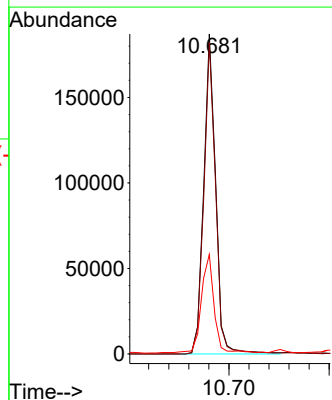
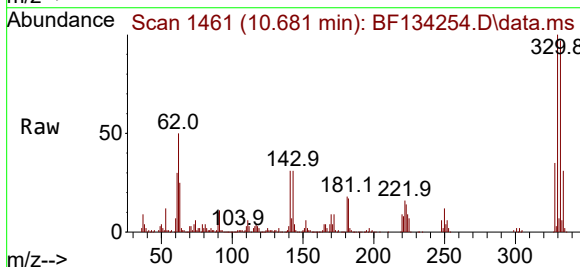
Instrument :
BNA_F
ClientSampleId :
ETGI-369MSD

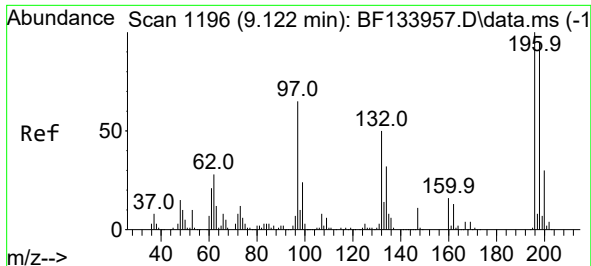
Tgt Ion:237 Resp: 103920
Ion Ratio Lower Upper
237 100
235 62.6 42.8 82.8
272 12.3 0.0 34.6



#42
2,4,6-Tribromophenol
Concen: 70.718 ng
RT: 10.681 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF134254.D
Acq: 12 Jul 2023 19:13

Tgt Ion:330 Resp: 155150
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.6
141 33.4 26.3 39.5





#43

2,4,6-Trichlorophenol

Concen: 48.074 ng

RT: 9.122 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BF134254.D

Acq: 12 Jul 2023 19:13

Instrument :

BNA_F

ClientSampleId :

ETGI-369MSD

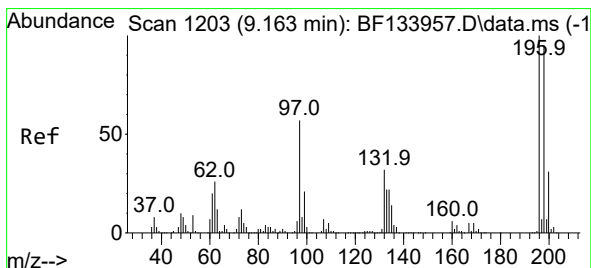
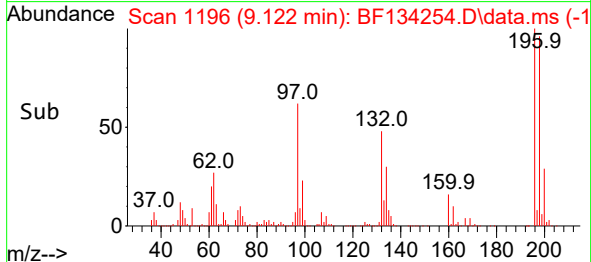
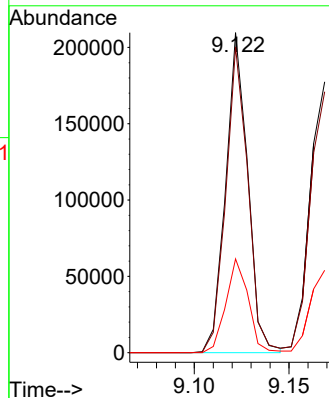
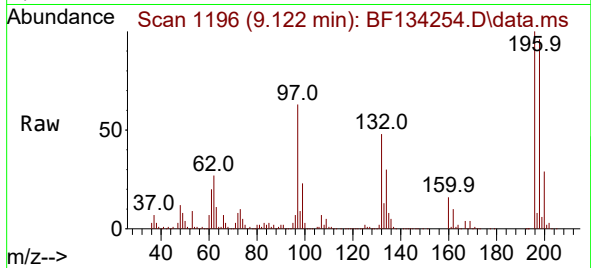
Tgt Ion:196 Resp: 169656

Ion Ratio Lower Upper

196 100

198 95.5 75.6 113.4

200 29.3 24.4 36.6



#44

2,4,5-Trichlorophenol

Concen: 41.301 ng

RT: 9.169 min Scan# 1204

Delta R.T. 0.006 min

Lab File: BF134254.D

Acq: 12 Jul 2023 19:13

Tgt Ion:196 Resp: 171448

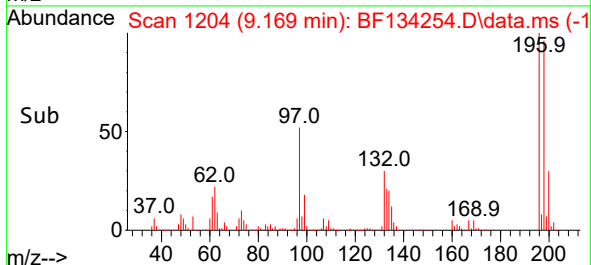
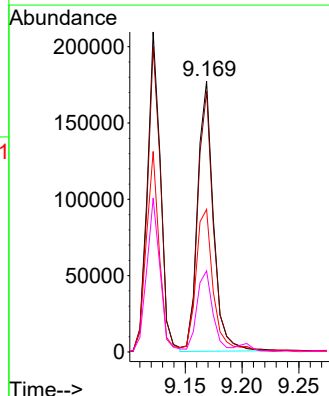
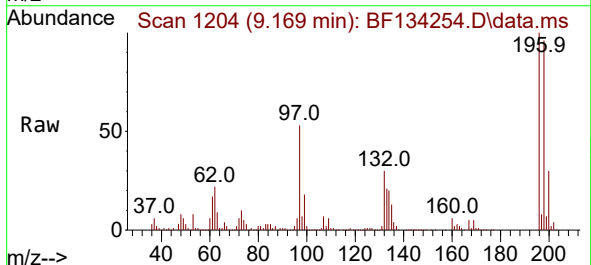
Ion Ratio Lower Upper

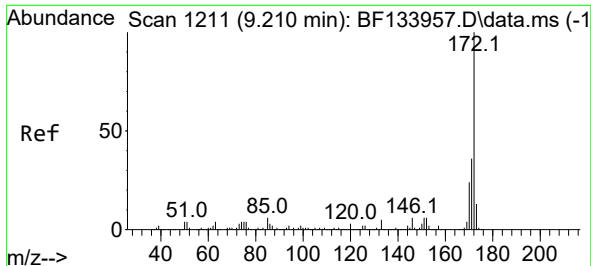
196 100

198 96.3 75.7 113.5

97 52.6 45.8 68.6

132 30.0 26.2 39.4

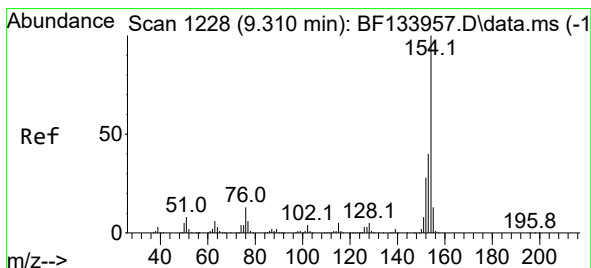
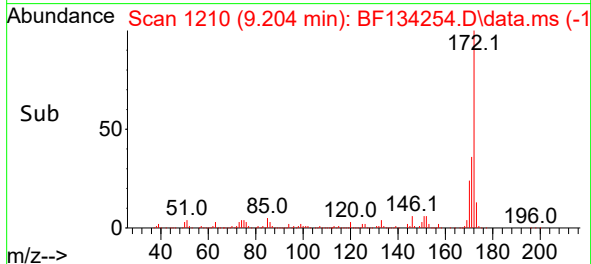
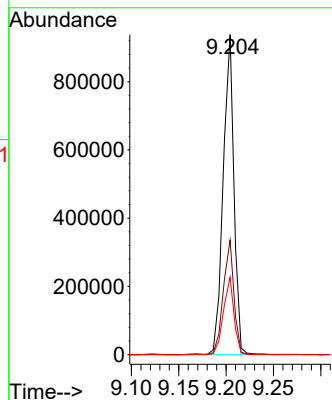
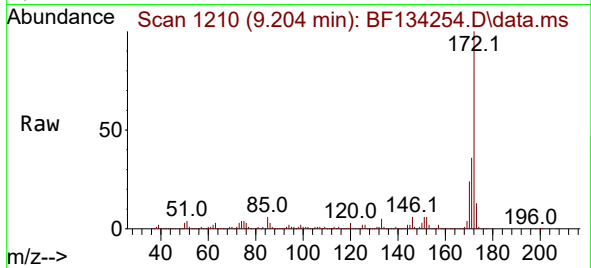




#45
2-Fluorobiphenyl
Concen: 61.889 ng
RT: 9.204 min Scan# 1210
Delta R.T. 0.000 min
Lab File: BF134254.D
Acq: 12 Jul 2023 19:13

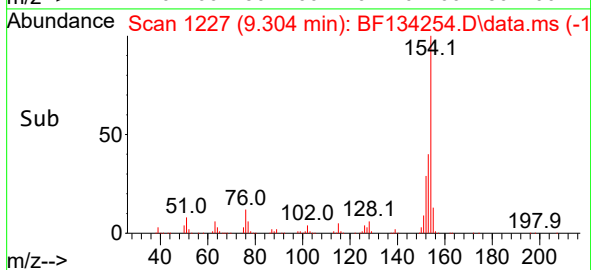
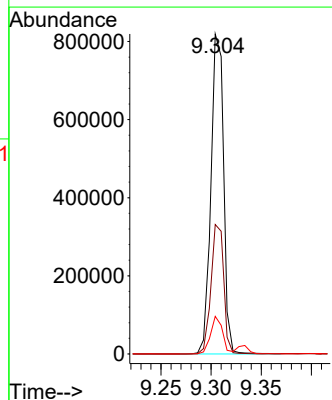
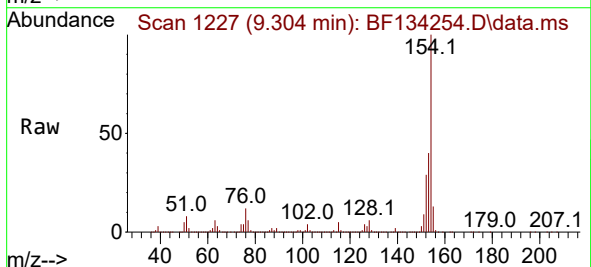
Instrument :
BNA_F
ClientSampleId :
ETGI-369MSD

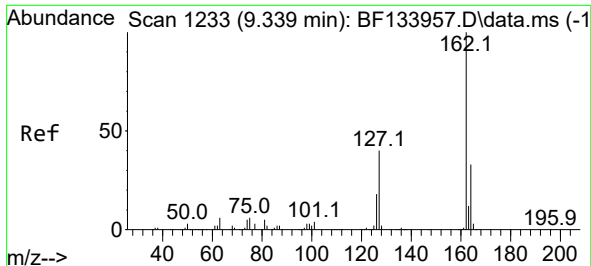
Tgt Ion:172 Resp: 744861
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 24.2 19.4 29.0



#46
1,1'-Biphenyl
Concen: 51.269 ng
RT: 9.304 min Scan# 1227
Delta R.T. 0.000 min
Lab File: BF134254.D
Acq: 12 Jul 2023 19:13

Tgt Ion:154 Resp: 719639
Ion Ratio Lower Upper
154 100
153 40.4 19.8 59.8
76 11.7 0.0 32.9





#47

2-Chloronaphthalene

Concen: 48.943 ng

RT: 9.334 min Scan# 1233

Delta R.T. 0.000 min

Lab File: BF134254.D

Acq: 12 Jul 2023 19:13

Instrument :

BNA_F

ClientSampleId :

ETGI-369MSD

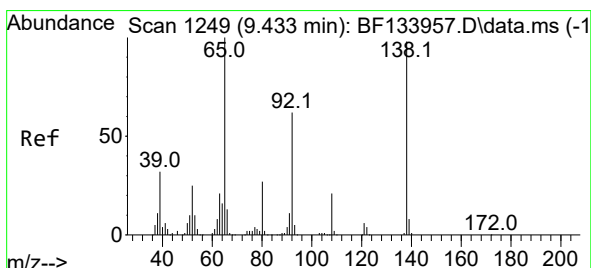
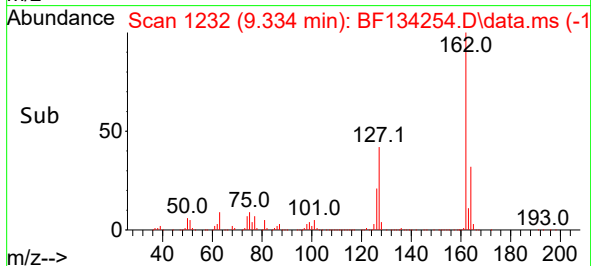
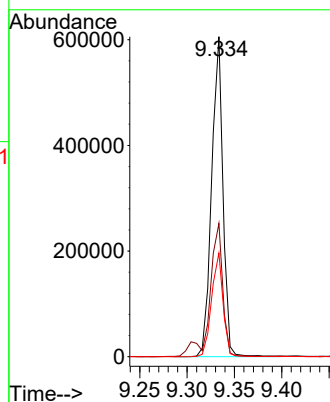
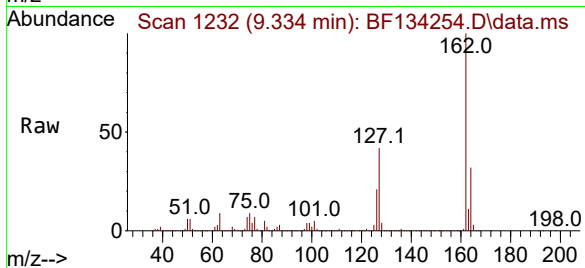
Tgt Ion:162 Resp: 502647

Ion Ratio Lower Upper

162 100

127 41.7 32.9 49.3

164 32.4 26.1 39.1



#48

2-Nitroaniline

Concen: 46.753 ng

RT: 9.434 min Scan# 1249

Delta R.T. 0.006 min

Lab File: BF134254.D

Acq: 12 Jul 2023 19:13

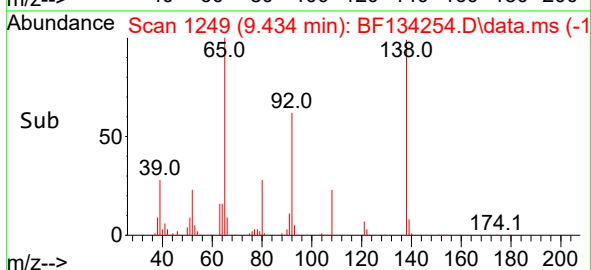
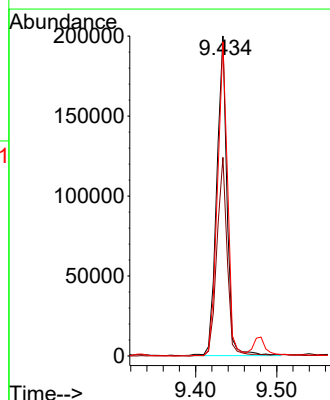
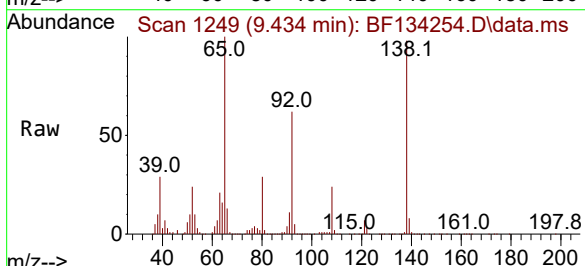
Tgt Ion: 65 Resp: 174991

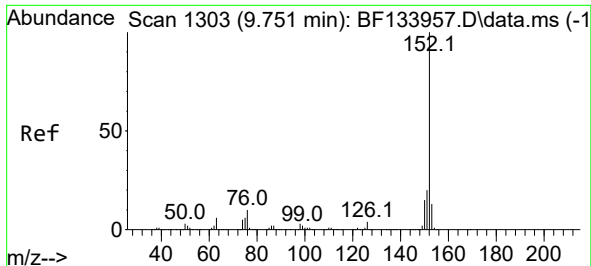
Ion Ratio Lower Upper

65 100

92 62.0 49.5 74.3

138 98.2 78.0 117.0

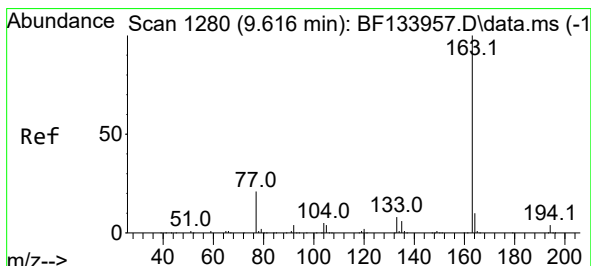
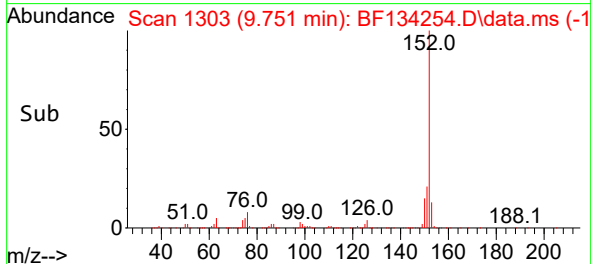
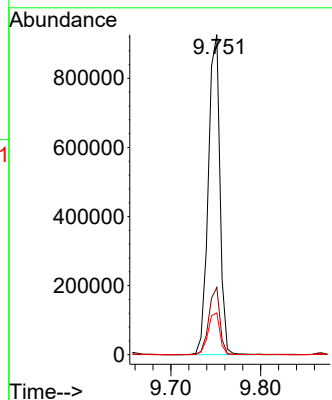
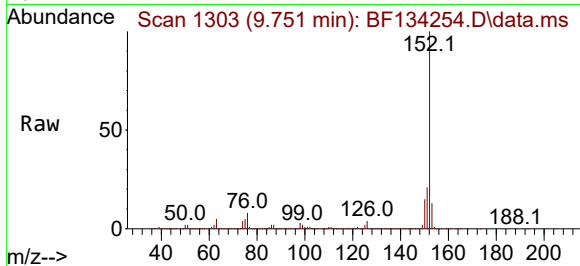




#49
Acenaphthylene
Concen: 47.654 ng
RT: 9.751 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF134254.D
Acq: 12 Jul 2023 19:13

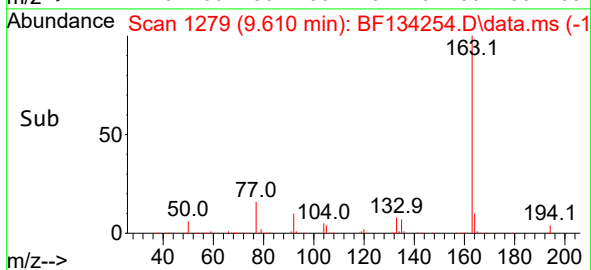
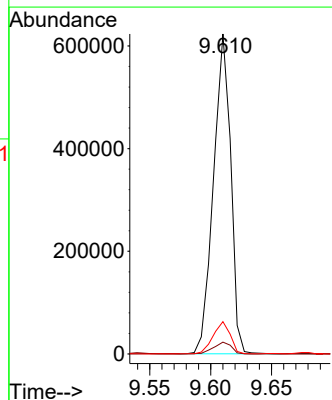
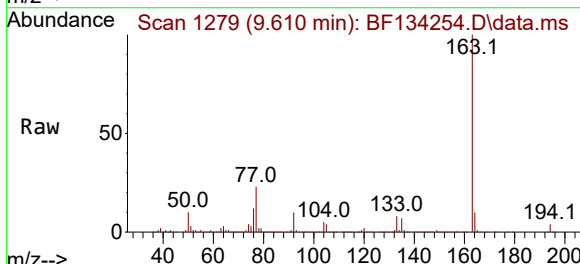
Instrument :
BNA_F
ClientSampleId :
ETGI-369MSD

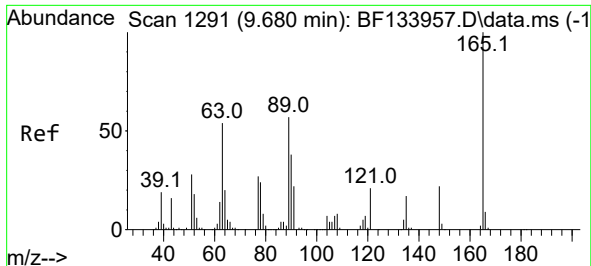
Tgt Ion:152 Resp: 836029
Ion Ratio Lower Upper
152 100
151 21.0 16.2 24.2
153 13.1 10.8 16.2



#50
Dimethylphthalate
Concen: 48.198 ng
RT: 9.610 min Scan# 1279
Delta R.T. 0.000 min
Lab File: BF134254.D
Acq: 12 Jul 2023 19:13

Tgt Ion:163 Resp: 612216
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 10.1 8.2 12.2

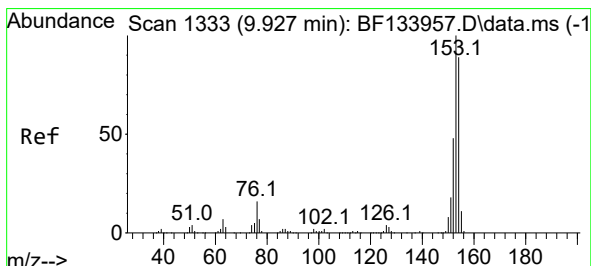
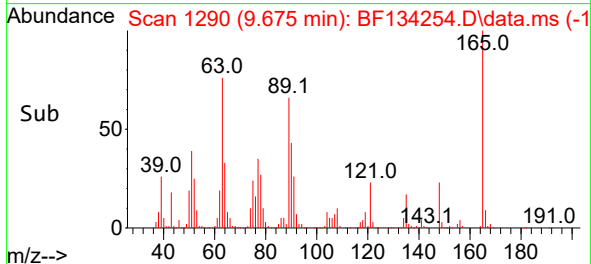
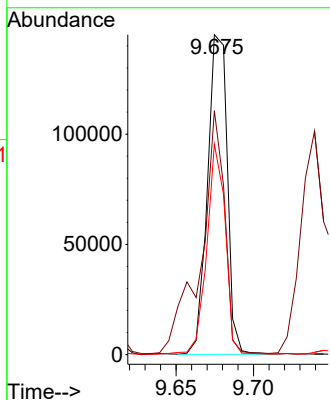
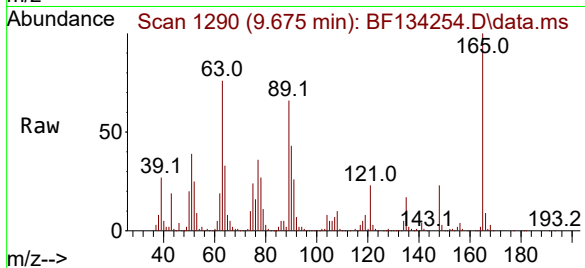




#51
2,6-Dinitrotoluene
Concen: 47.165 ng
RT: 9.675 min Scan# 1290
Delta R.T. 0.000 min
Lab File: BF134254.D
Acq: 12 Jul 2023 19:13

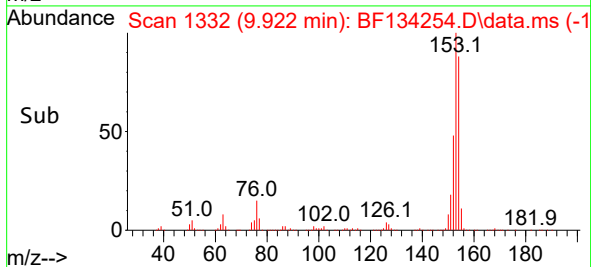
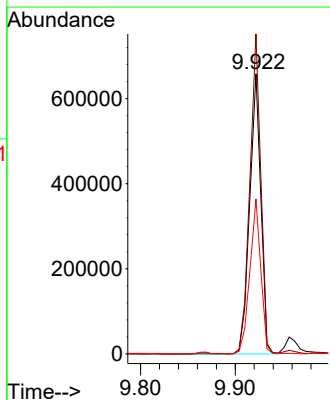
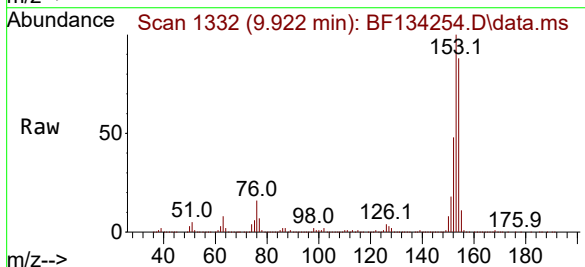
Instrument :
BNA_F
ClientSampleId :
ETGI-369MSD

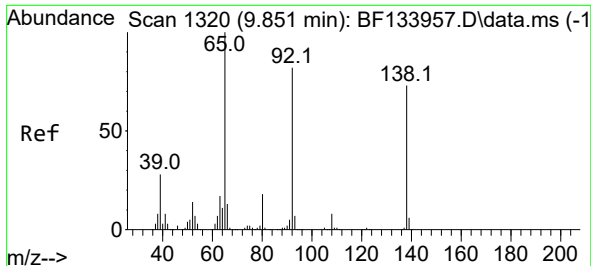
Tgt Ion:165 Resp: 129033
Ion Ratio Lower Upper
165 100
63 76.3 48.5 72.7#
89 65.8 45.5 68.3



#52
Acenaphthene
Concen: 53.108 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.000 min
Lab File: BF134254.D
Acq: 12 Jul 2023 19:13

Tgt Ion:154 Resp: 540632
Ion Ratio Lower Upper
154 100
153 114.2 89.4 134.2
152 55.3 42.8 64.2

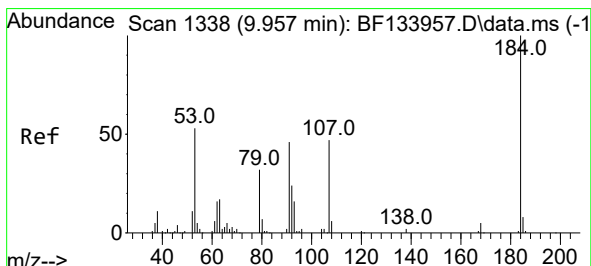
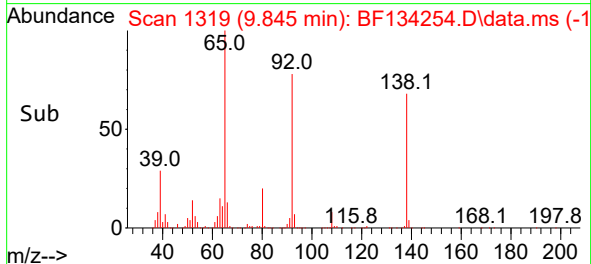
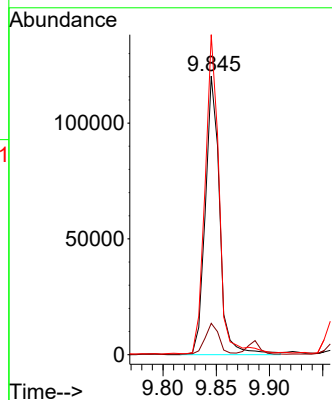
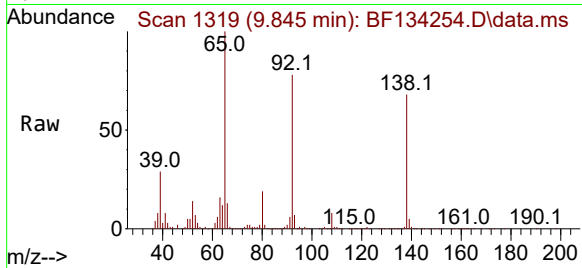




#53
3-Nitroaniline
Concen: 34.463 ng
RT: 9.845 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134254.D
Acq: 12 Jul 2023 19:13

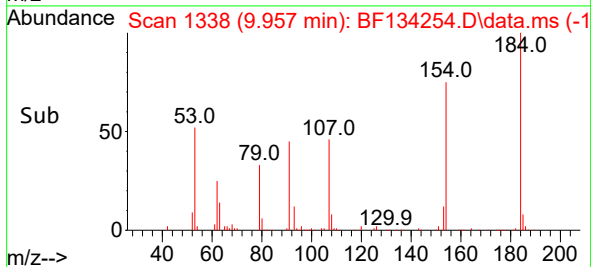
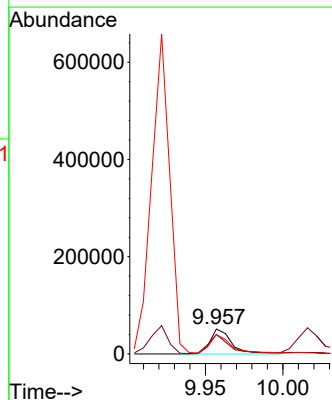
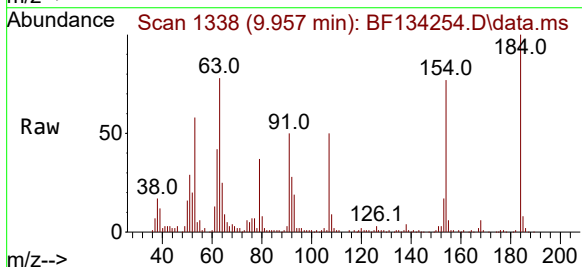
Instrument :
BNA_F
ClientSampleId :
ETGI-369MSD

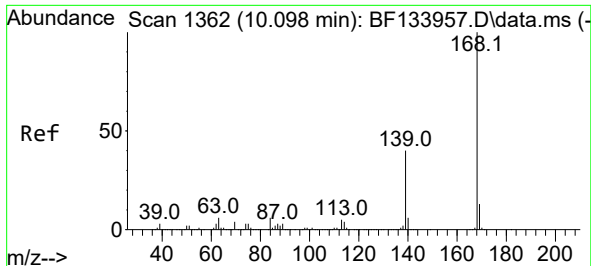
Tgt Ion:138 Resp: 113109
Ion Ratio Lower Upper
138 100
108 11.3 8.4 12.6
92 114.9 90.1 135.1



#54
2,4-Dinitrophenol
Concen: 33.762 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF134254.D
Acq: 12 Jul 2023 19:13

Tgt Ion:184 Resp: 49634
Ion Ratio Lower Upper
184 100
63 78.1 56.9 85.3
154 77.2 55.4 83.0

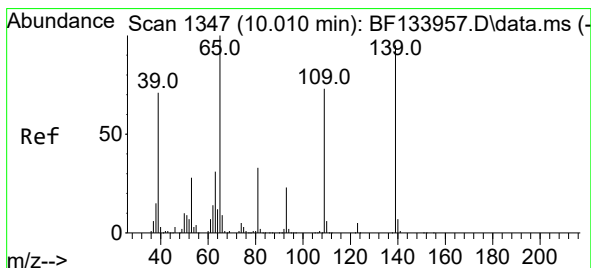
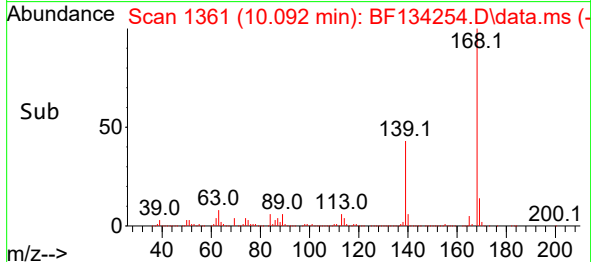
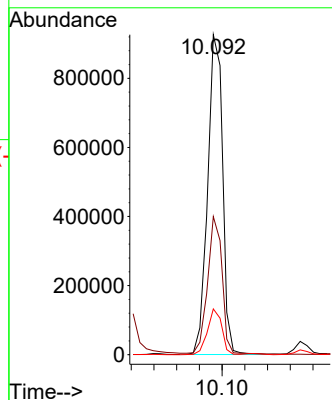
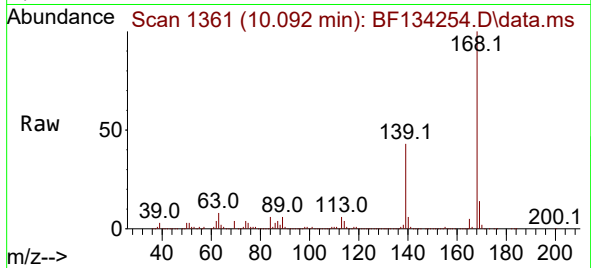




#55
Dibenzenofuran
Concen: 53.112 ng
RT: 10.092 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF134254.D
Acq: 12 Jul 2023 19:13

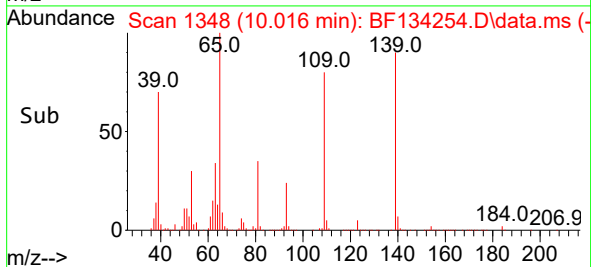
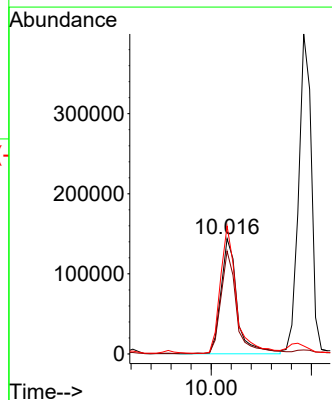
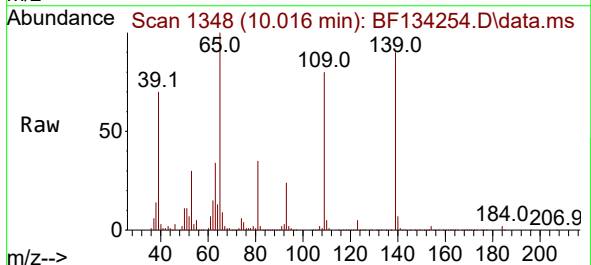
Instrument :
BNA_F
ClientSampleId :
ETGI-369MSD

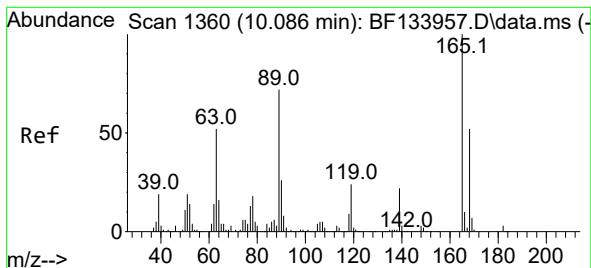
Tgt Ion:168 Resp: 844973
Ion Ratio Lower Upper
168 100
139 43.1 32.0 48.0
169 14.3 10.6 16.0



#56
4-Nitrophenol
Concen: 70.276 ng
RT: 10.016 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF134254.D
Acq: 12 Jul 2023 19:13

Tgt Ion:139 Resp: 161337
Ion Ratio Lower Upper
139 100
109 89.1 56.8 96.8
65 110.9 86.1 126.1

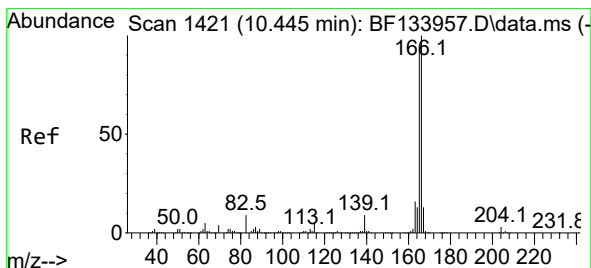
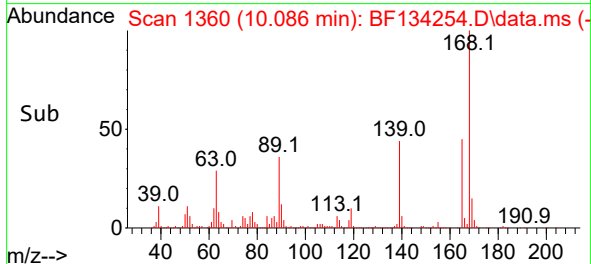
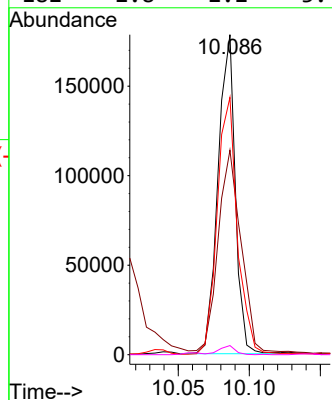
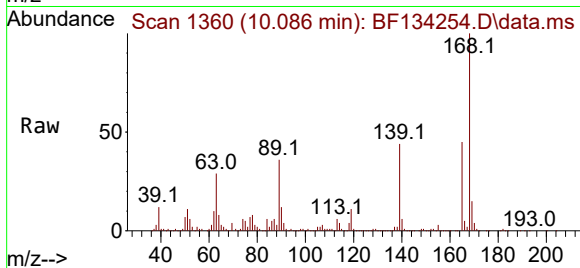




#57
2,4-Dinitrotoluene
Concen: 41.570 ng
RT: 10.086 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF134254.D
Acq: 12 Jul 2023 19:13

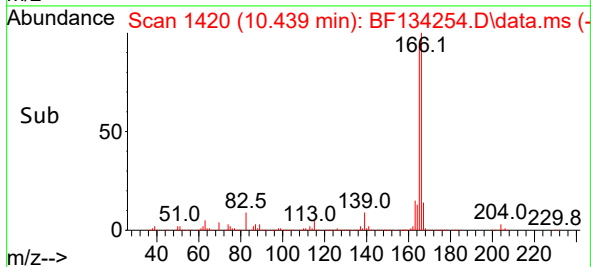
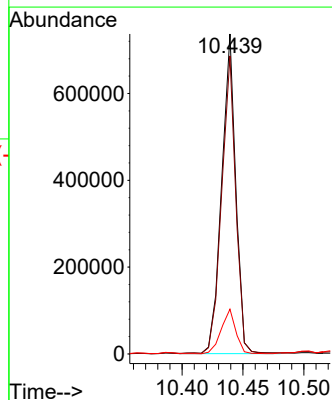
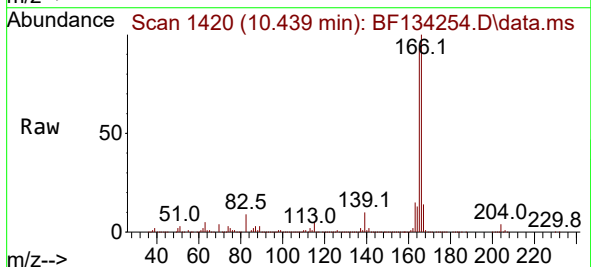
Instrument :
BNA_F
ClientSampleId :
ETGI-369MSD

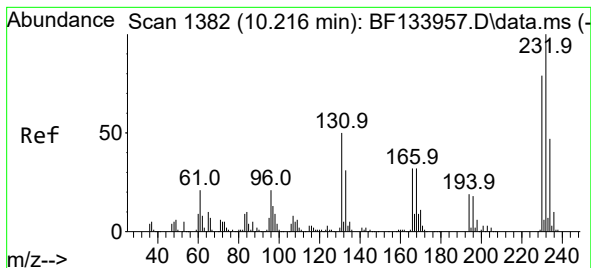
Tgt Ion:165 Resp: 150191
Ion Ratio Lower Upper
165 100
63 63.9 42.2 63.2#
89 80.4 57.4 86.2
182 2.8 2.2 3.4



#58
Fluorene
Concen: 48.017 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF134254.D
Acq: 12 Jul 2023 19:13

Tgt Ion:166 Resp: 594323
Ion Ratio Lower Upper
166 100
165 93.1 75.0 112.4
167 14.0 10.6 15.8

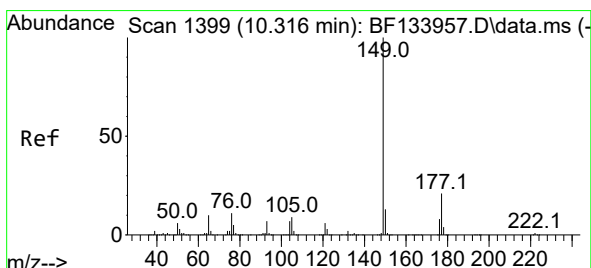
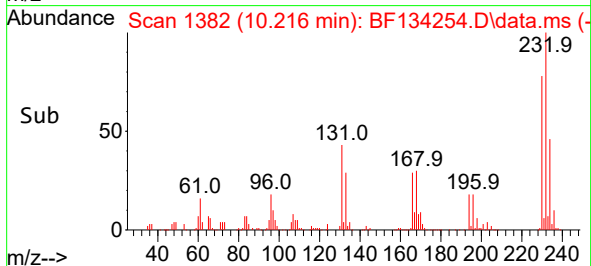
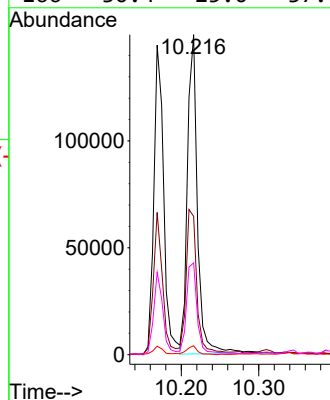
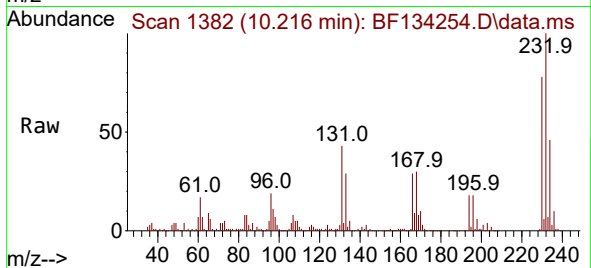




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.144 ng
RT: 10.216 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF134254.D
Acq: 12 Jul 2023 19:13

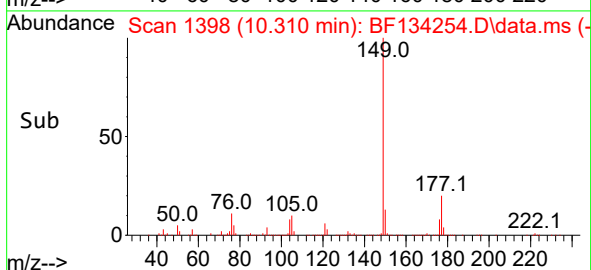
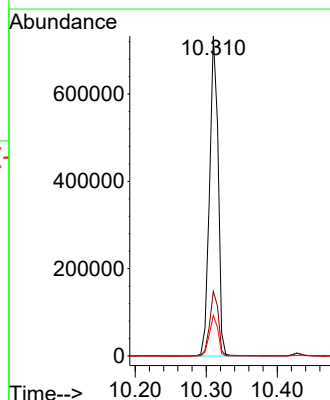
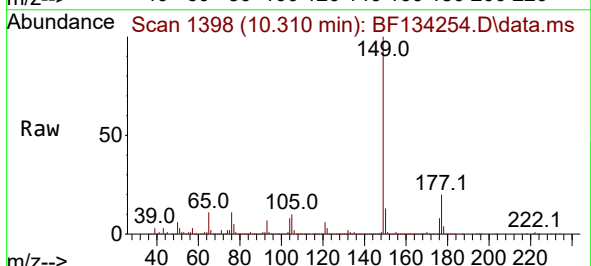
Instrument :
BNA_F
ClientSampleId :
ETGI-369MSD

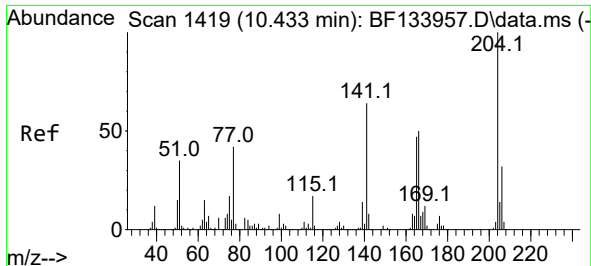
Tgt Ion:232 Resp: 134723
Ion Ratio Lower Upper
232 100
131 46.5 39.3 58.9
130 3.2 1.8 2.6#
166 30.4 25.0 37.6



#60
Diethylphthalate
Concen: 46.771 ng
RT: 10.310 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BF134254.D
Acq: 12 Jul 2023 19:13

Tgt Ion:149 Resp: 618945
Ion Ratio Lower Upper
149 100
177 20.2 17.0 25.6
150 12.6 10.2 15.2

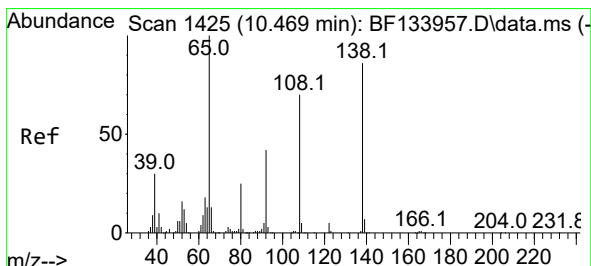
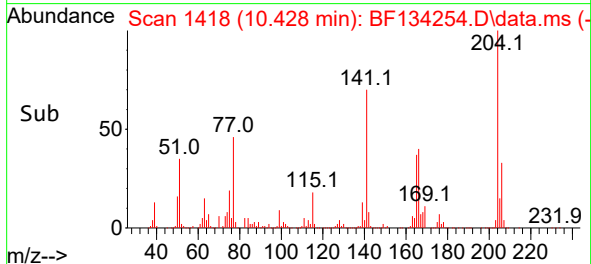
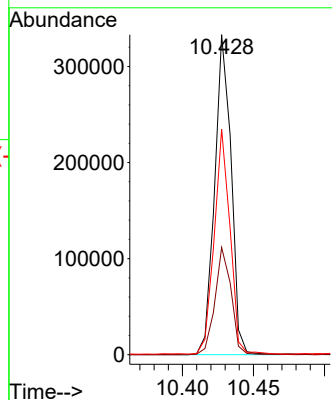
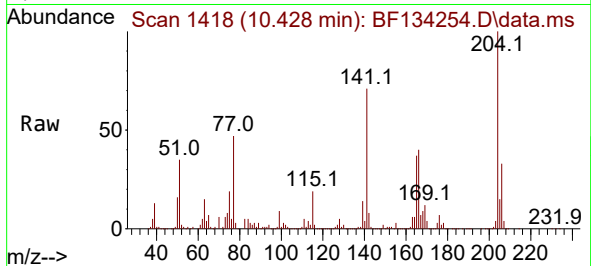




#61
4-Chlorophenyl-phenylether
Concen: 44.965 ng
RT: 10.428 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF134254.D
Acq: 12 Jul 2023 19:13

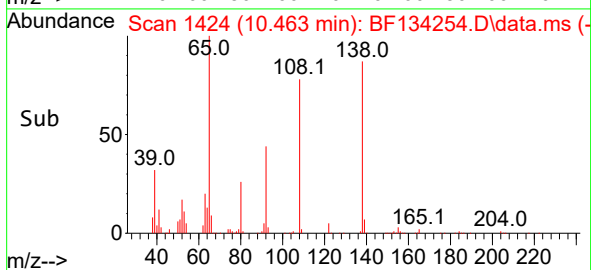
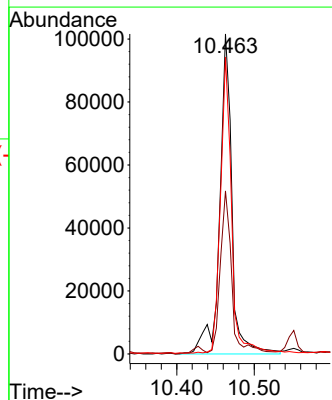
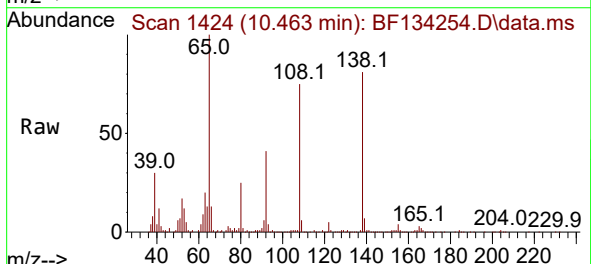
Instrument :
BNA_F
ClientSampleId :
ETGI-369MSD

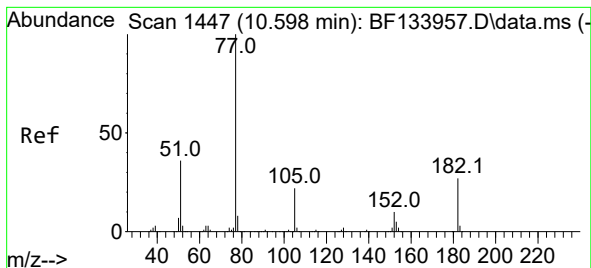
Tgt Ion:204 Resp: 268212
Ion Ratio Lower Upper
204 100
206 33.5 25.8 38.6
141 70.5 51.5 77.3



#62
4-Nitroaniline
Concen: 33.471 ng
RT: 10.463 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF134254.D
Acq: 12 Jul 2023 19:13

Tgt Ion:138 Resp: 110710
Ion Ratio Lower Upper
138 100
92 51.0 29.7 69.7
108 92.8 62.1 102.1





#63

Azobenzene

Concen: 45.174 ng

RT: 10.592 min Scan# 1447

Delta R.T. 0.000 min

Lab File: BF134254.D

Acq: 12 Jul 2023 19:13

Instrument :

BNA_F

ClientSampleId :

ETGI-369MSD

Tgt Ion: 77 Resp: 565479

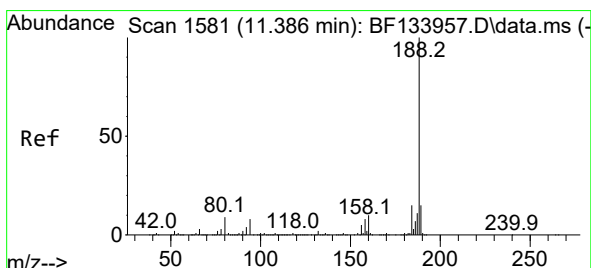
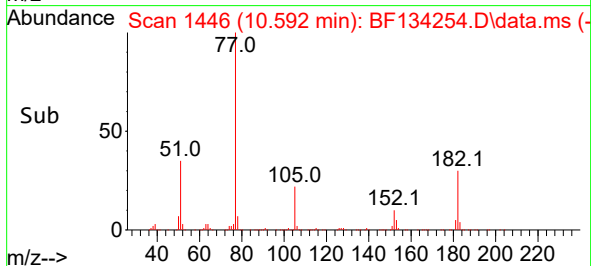
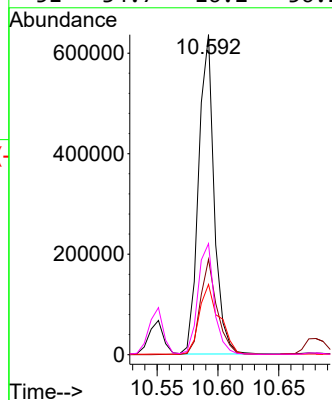
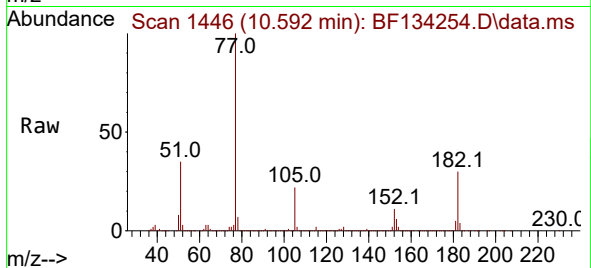
Ion Ratio Lower Upper

77 100

182 29.8 6.8 46.8

105 21.9 2.3 42.3

51 34.7 16.2 56.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 1580

Delta R.T. 0.000 min

Lab File: BF134254.D

Acq: 12 Jul 2023 19:13

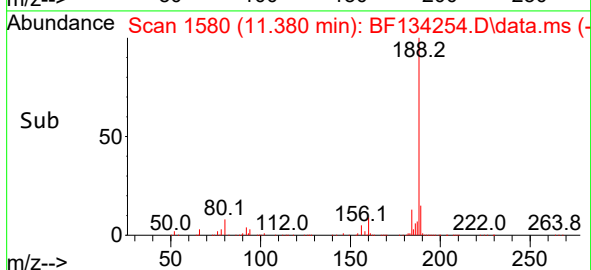
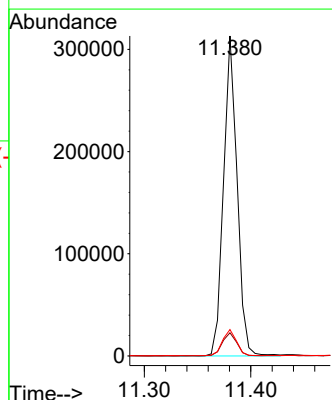
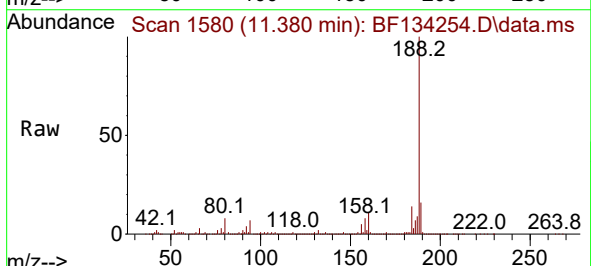
Tgt Ion:188 Resp: 275924

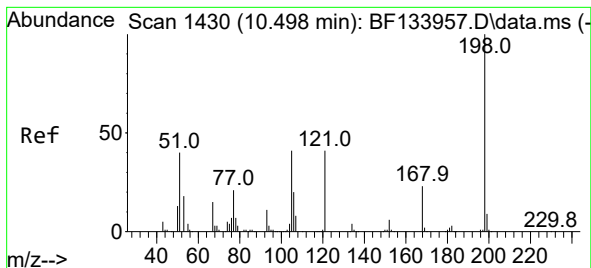
Ion Ratio Lower Upper

188 100

94 7.3 6.4 9.6

80 8.3 7.3 10.9

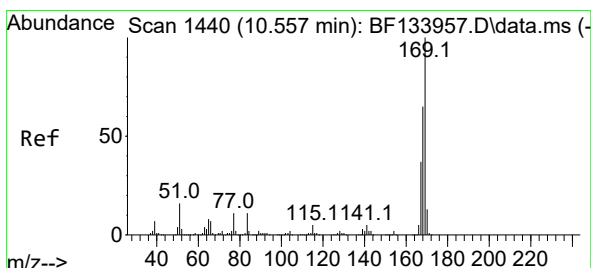
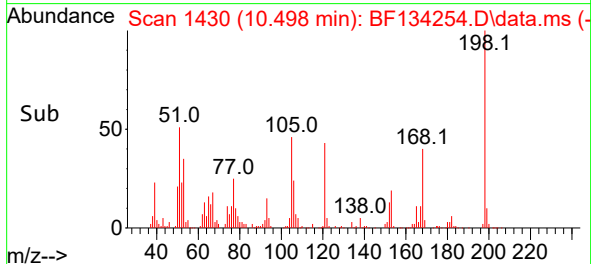
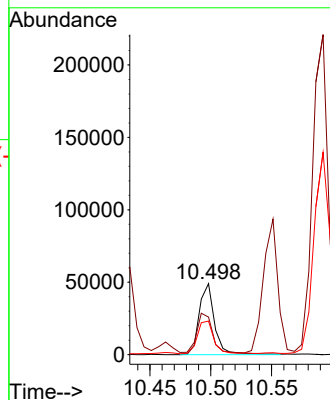
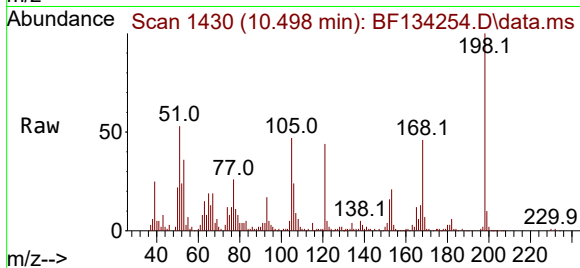




#65
4,6-Dinitro-2-methylphenol
Concen: 28.646 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF134254.D
Acq: 12 Jul 2023 19:13

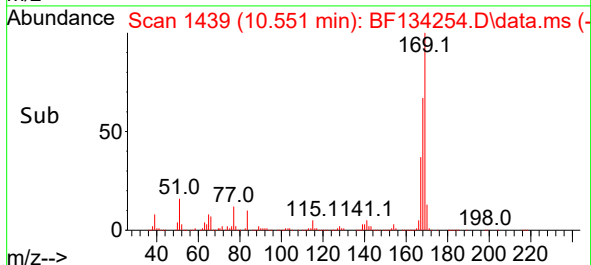
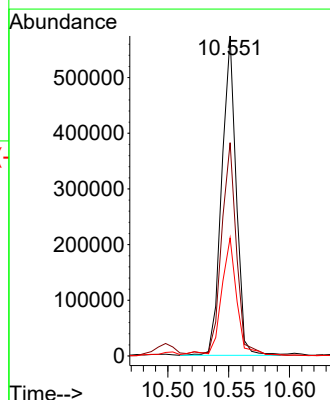
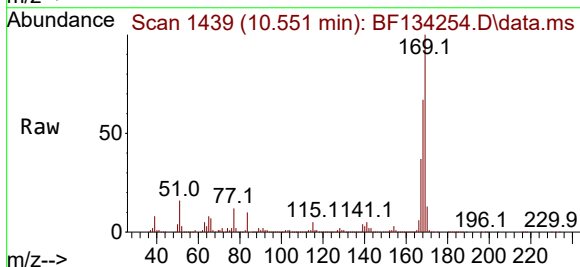
Instrument :
BNA_F
ClientSampleId :
ETGI-369MSD

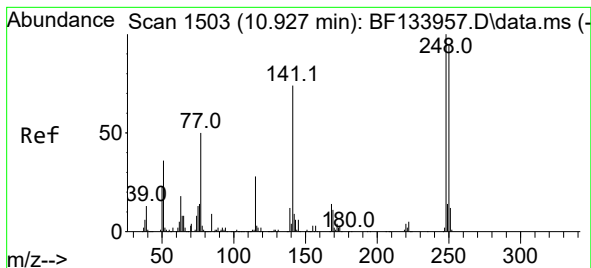
Tgt Ion:198 Resp: 43092
Ion Ratio Lower Upper
198 100
51 52.9 29.3 69.3
105 47.3 22.4 62.4



#66
n-Nitrosodiphenylamine
Concen: 53.825 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF134254.D
Acq: 12 Jul 2023 19:13

Tgt Ion:169 Resp: 474518
Ion Ratio Lower Upper
169 100
168 66.6 52.3 78.5
167 36.9 29.4 44.0

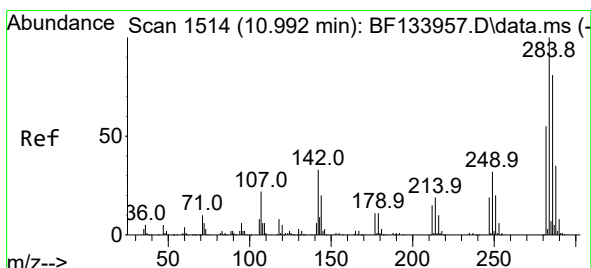
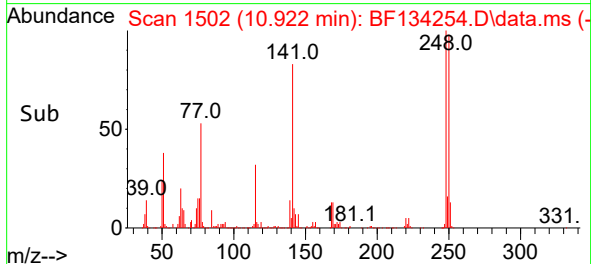
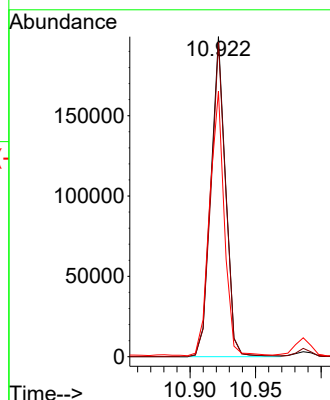
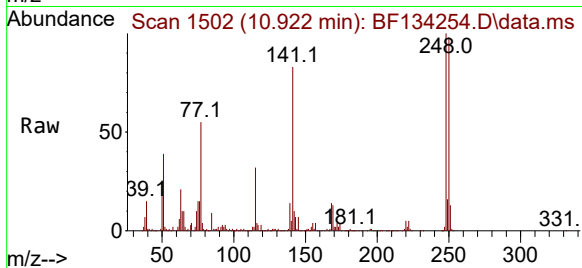




#67
4-Bromophenyl-phenylether
Concen: 53.294 ng
RT: 10.922 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF134254.D
Acq: 12 Jul 2023 19:13

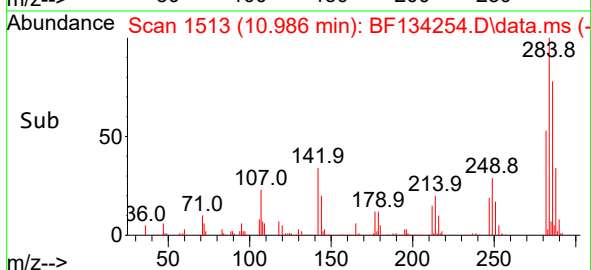
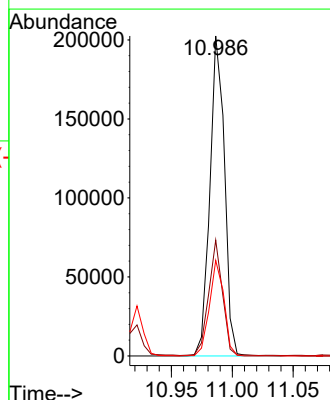
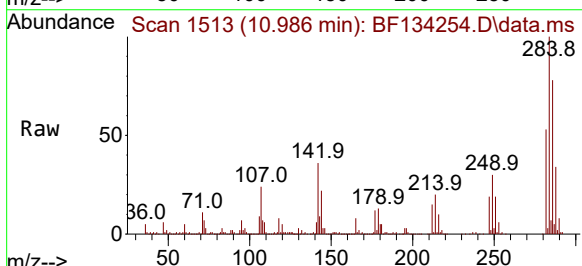
Instrument :
BNA_F
ClientSampleId :
ETGI-369MSD

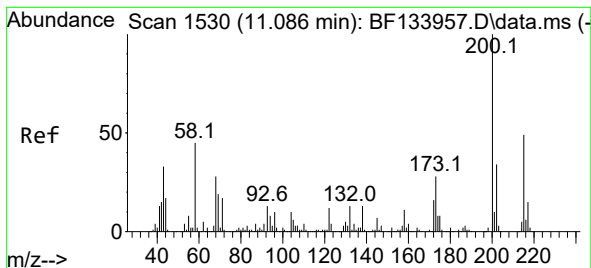
Tgt Ion:248 Resp: 156299
Ion Ratio Lower Upper
248 100
250 98.2 76.2 114.4
141 83.0 59.0 88.4



#68
Hexachlorobenzene
Concen: 54.027 ng
RT: 10.986 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BF134254.D
Acq: 12 Jul 2023 19:13

Tgt Ion:284 Resp: 168232
Ion Ratio Lower Upper
284 100
142 36.2 26.6 40.0
249 29.9 25.5 38.3





#69

Atrazine

Concen: 59.340 ng

RT: 11.081 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134254.D

Acq: 12 Jul 2023 19:13

Instrument :

BNA_F

ClientSampleId :

ETGI-369MSD

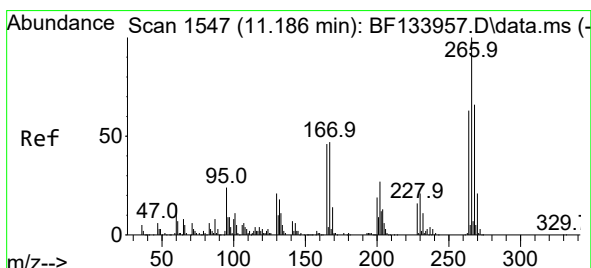
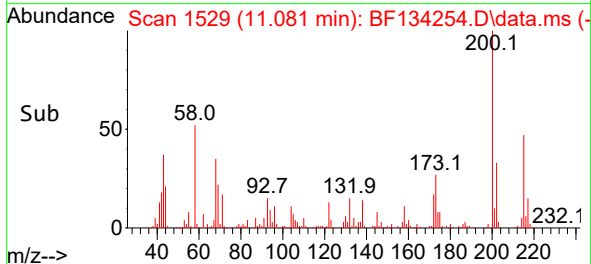
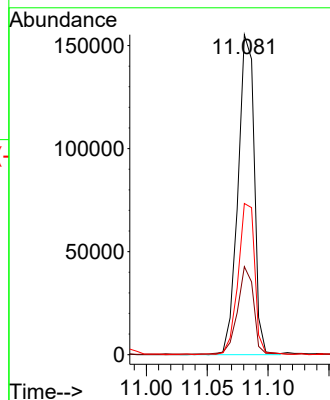
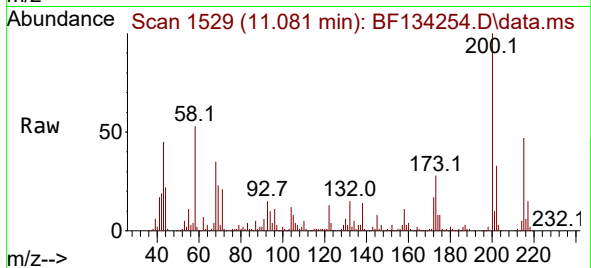
Tgt Ion:200 Resp: 144702

Ion Ratio Lower Upper

200 100

173 27.5 8.0 48.0

215 47.2 29.3 69.3



#70

Pentachlorophenol

Concen: 76.148 ng

RT: 11.186 min Scan# 1547

Delta R.T. 0.000 min

Lab File: BF134254.D

Acq: 12 Jul 2023 19:13

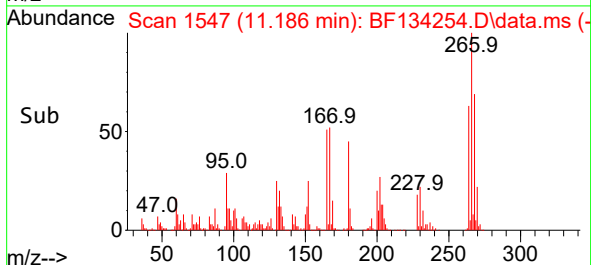
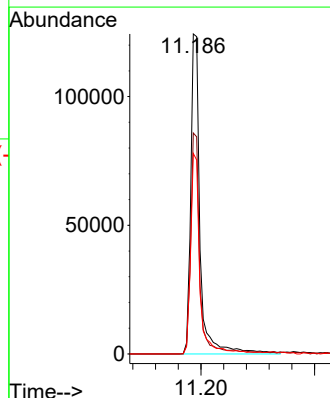
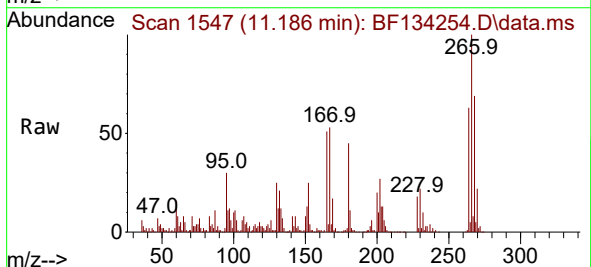
Tgt Ion:266 Resp: 141776

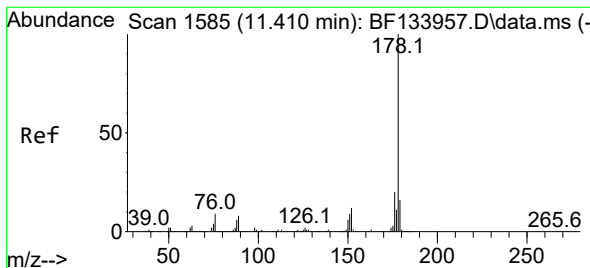
Ion Ratio Lower Upper

266 100

268 69.0 52.6 79.0

264 62.6 50.6 76.0





#71

Phenanthrene

Concen: 84.803 ng

RT: 11.410 min Scan# 1585

Delta R.T. 0.006 min

Lab File: BF134254.D

Acq: 12 Jul 2023 19:13

Instrument :

BNA_F

ClientSampleId :

ETGI-369MSD

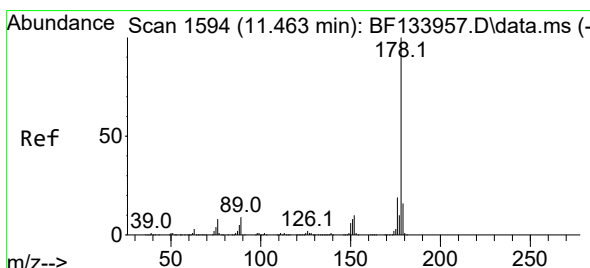
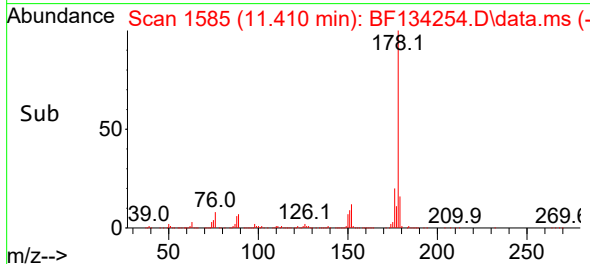
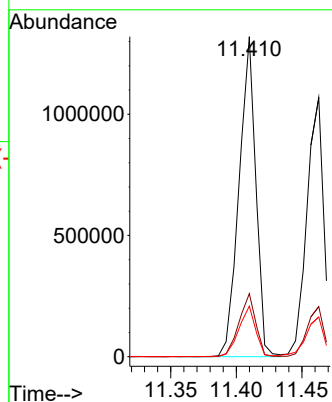
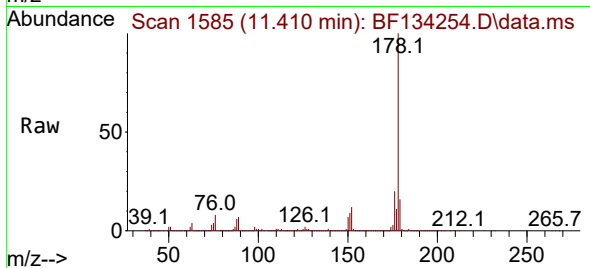
Tgt Ion:178 Resp: 1177953

Ion Ratio Lower Upper

178 100

176 19.7 16.0 24.0

179 15.8 12.4 18.6



#72

Anthracene

Concen: 67.887 ng

RT: 11.463 min Scan# 1594

Delta R.T. 0.006 min

Lab File: BF134254.D

Acq: 12 Jul 2023 19:13

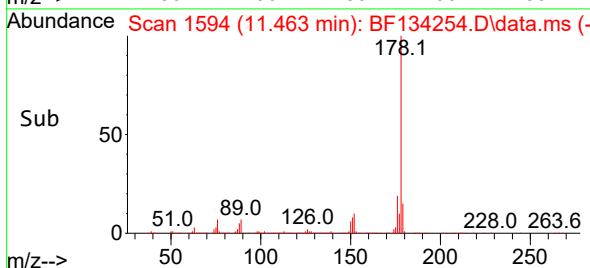
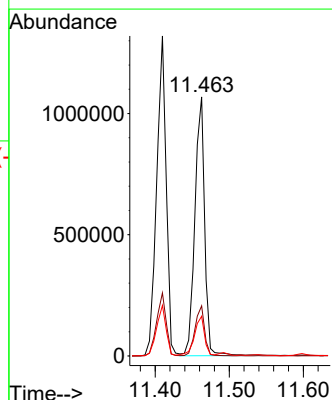
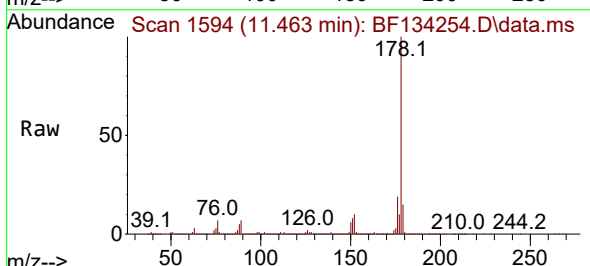
Tgt Ion:178 Resp: 980806

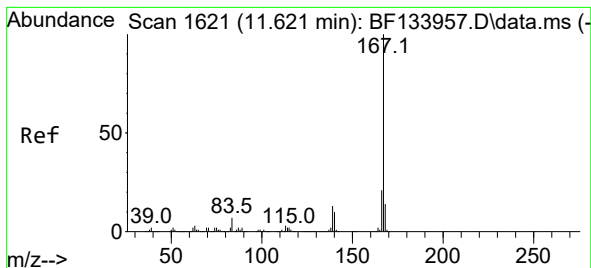
Ion Ratio Lower Upper

178 100

176 19.3 15.3 22.9

179 15.3 12.4 18.6





#73

Carbazole

Concen: 46.540 ng

RT: 11.616 min Scan# 1620

Delta R.T. 0.000 min

Lab File: BF134254.D

Acq: 12 Jul 2023 19:13

Instrument :

BNA_F

ClientSampleId :

ETGI-369MSD

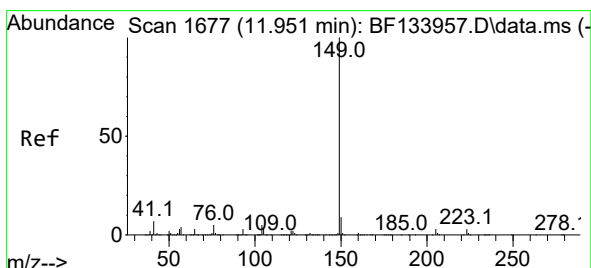
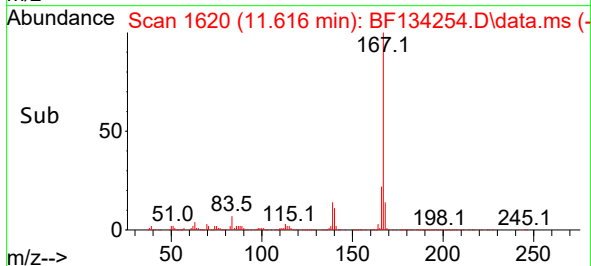
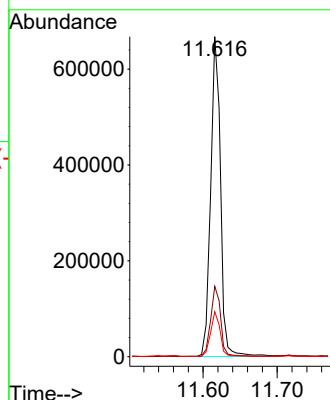
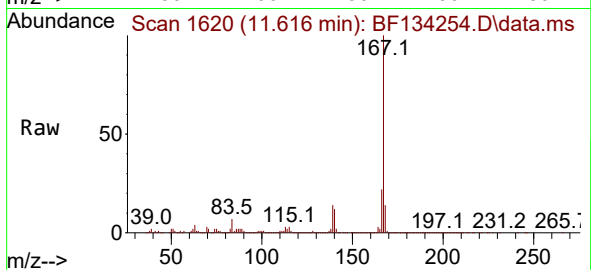
Tgt Ion:167 Resp: 615443

Ion Ratio Lower Upper

167 100

166 22.0 17.0 25.6

139 14.0 10.4 15.6



#74

Di-n-butylphthalate

Concen: 50.952 ng

RT: 11.945 min Scan# 1676

Delta R.T. 0.000 min

Lab File: BF134254.D

Acq: 12 Jul 2023 19:13

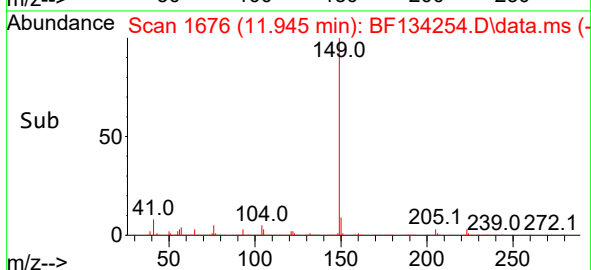
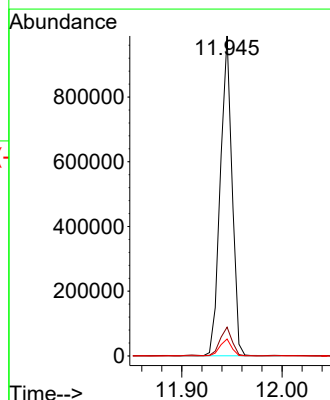
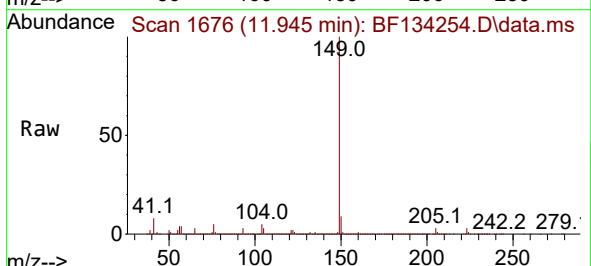
Tgt Ion:149 Resp: 801264

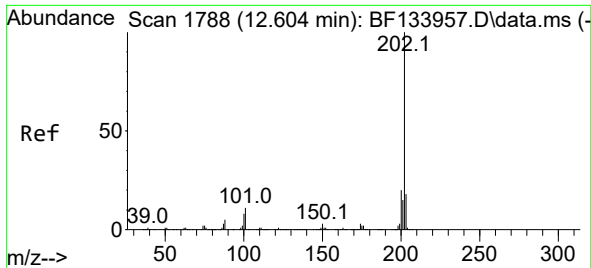
Ion Ratio Lower Upper

149 100

150 9.0 7.1 10.7

104 5.3 4.0 6.0

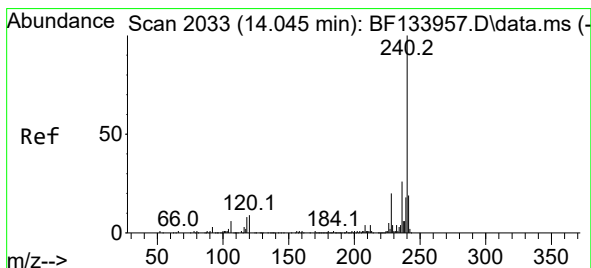
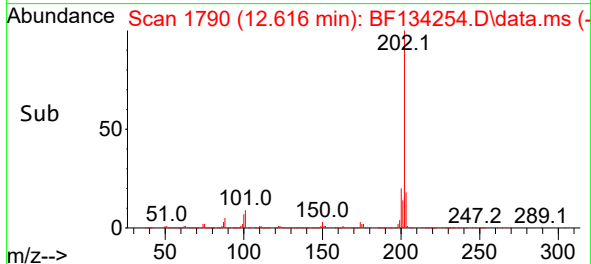
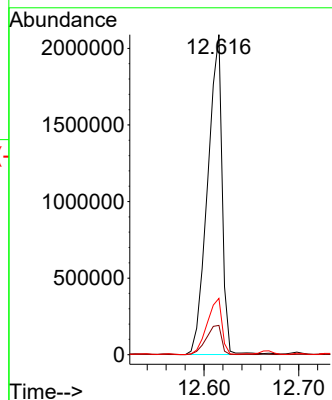
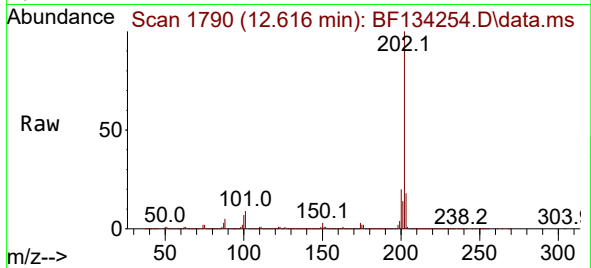




#75
Fluoranthene
Concen: 147.336 ng
RT: 12.616 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF134254.D
Acq: 12 Jul 2023 19:13

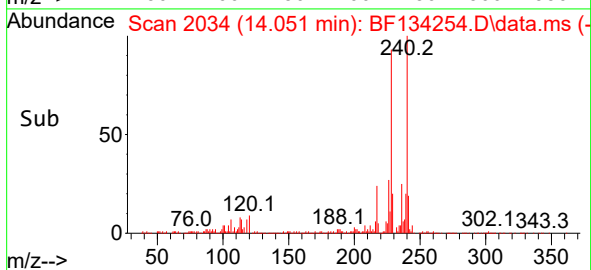
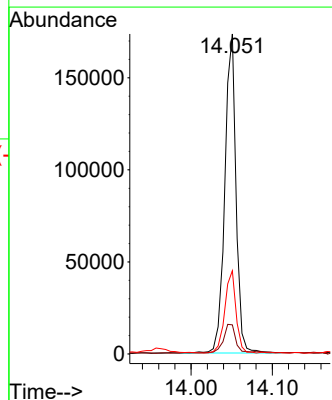
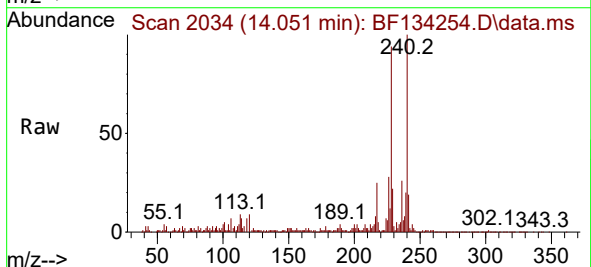
Instrument :
BNA_F
ClientSampleId :
ETGI-369MSD

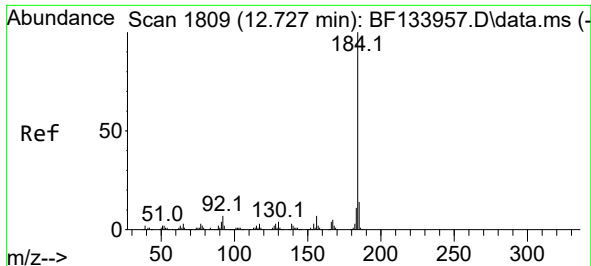
Tgt Ion:202 Resp: 2212534
Ion Ratio Lower Upper
202 100
101 9.2 0.0 31.0
203 17.6 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. 0.012 min
Lab File: BF134254.D
Acq: 12 Jul 2023 19:13

Tgt Ion:240 Resp: 166977
Ion Ratio Lower Upper
240 100
120 9.1 7.4 11.0
236 26.0 21.0 31.6

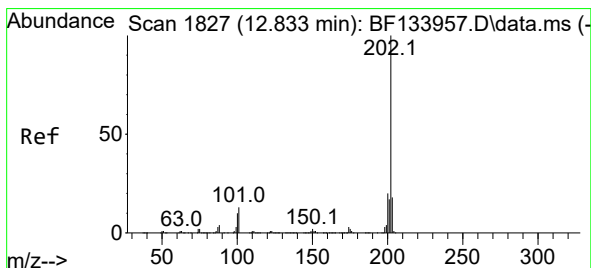
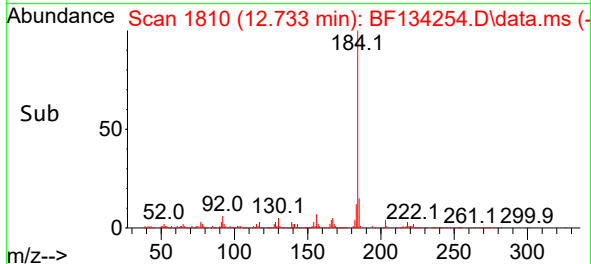
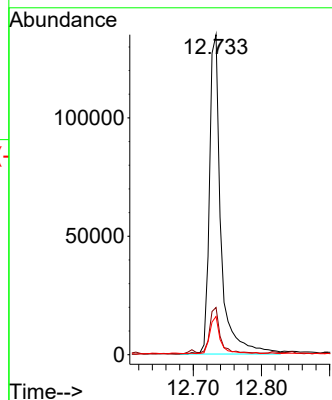
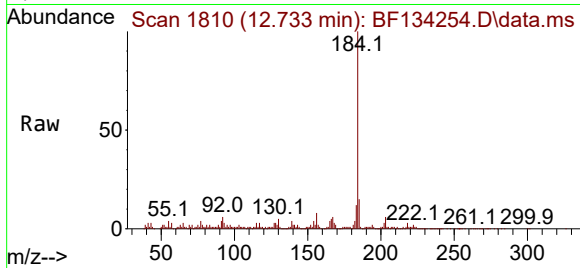




#77
Benzidine
Concen: 39.729 ng
RT: 12.733 min Scan# 1810
Delta R.T. 0.006 min
Lab File: BF134254.D
Acq: 12 Jul 2023 19:13

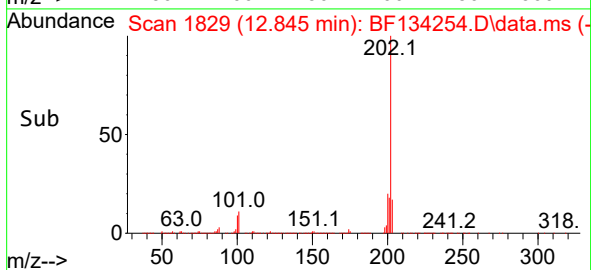
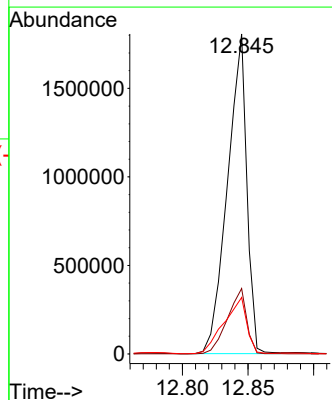
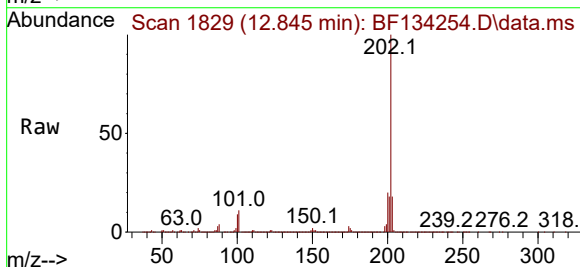
Instrument :
BNA_F
ClientSampleId :
ETGI-369MSD

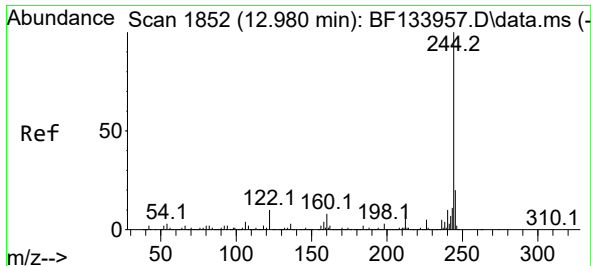
Tgt Ion:184 Resp: 157846
Ion Ratio Lower Upper
184 100
185 14.7 11.6 17.4
183 12.0 8.8 13.2



#78
Pyrene
Concen: 119.196 ng
RT: 12.845 min Scan# 1829
Delta R.T. 0.012 min
Lab File: BF134254.D
Acq: 12 Jul 2023 19:13

Tgt Ion:202 Resp: 1852242
Ion Ratio Lower Upper
202 100
200 20.5 16.1 24.1
203 17.6 14.3 21.5

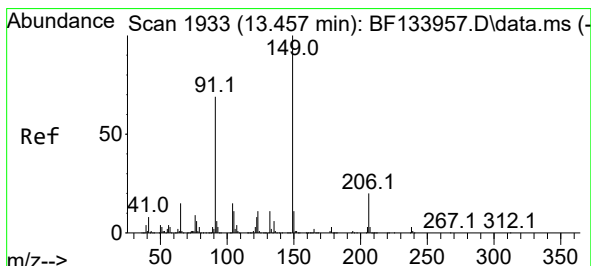
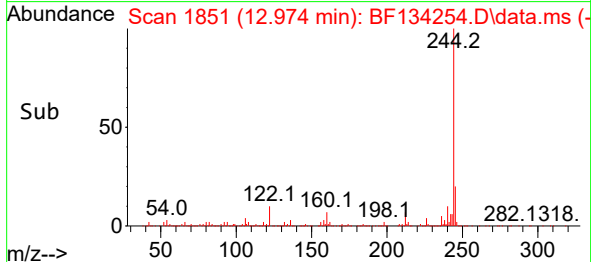
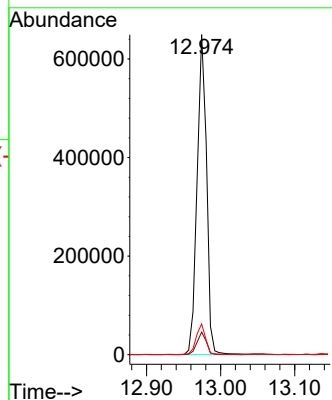
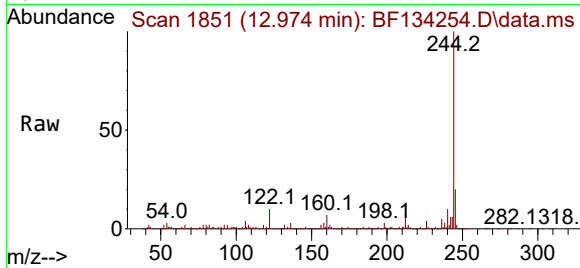




#79
 Terphenyl-d14
 Concen: 55.620 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. 0.000 min
 Lab File: BF134254.D
 Acq: 12 Jul 2023 19:13

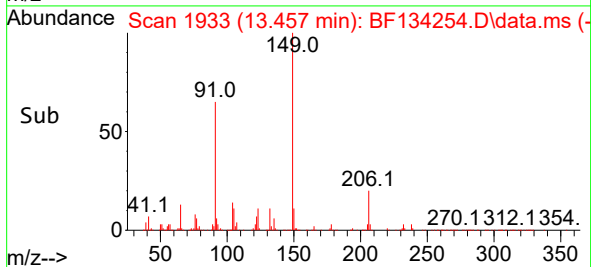
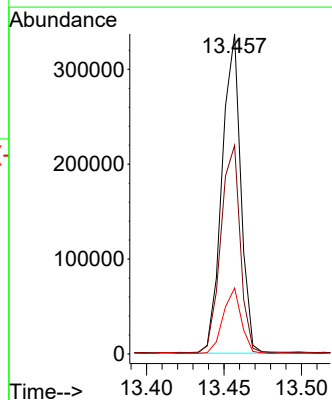
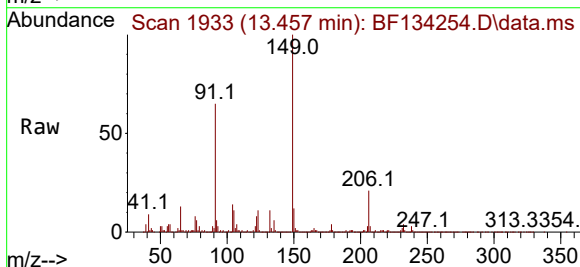
Instrument :
 BNA_F
 ClientSampleId :
 ETGI-369MSD

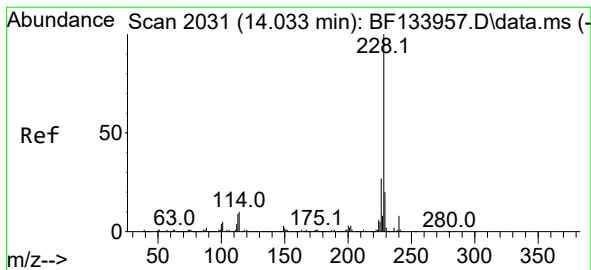
Tgt Ion:244 Resp: 577053
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 9.6 8.3 12.5



#80
 Butylbenzylphthalate
 Concen: 48.527 ng
 RT: 13.457 min Scan# 1933
 Delta R.T. 0.006 min
 Lab File: BF134254.D
 Acq: 12 Jul 2023 19:13

Tgt Ion:149 Resp: 282815
 Ion Ratio Lower Upper
 149 100
 91 65.2 55.1 82.7
 206 20.6 15.7 23.5





#81

Benzo(a)anthracene

Concen: 100.676 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF134254.D

Acq: 12 Jul 2023 19:13

Instrument :

BNA_F

ClientSampleId :

ETGI-369MSD

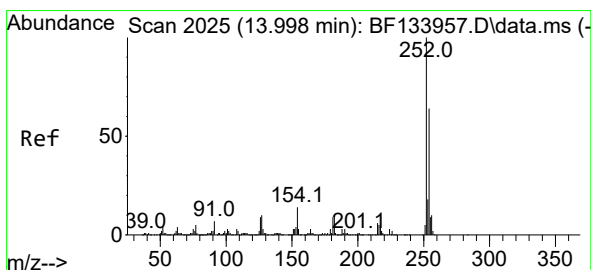
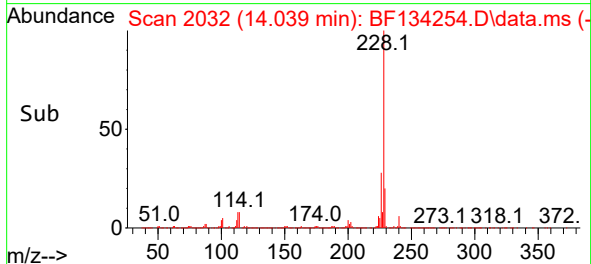
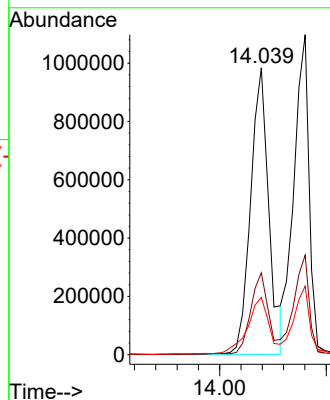
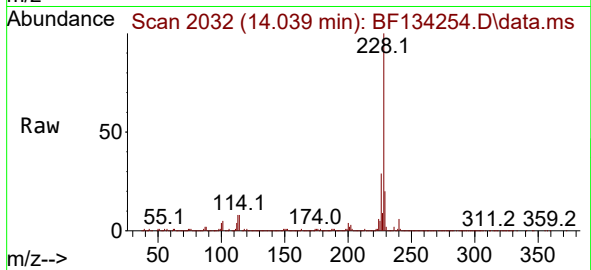
Tgt Ion:228 Resp: 1165846

Ion Ratio Lower Upper

228 100

226 28.6 22.0 33.0

229 20.0 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 45.994 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.006 min

Lab File: BF134254.D

Acq: 12 Jul 2023 19:13

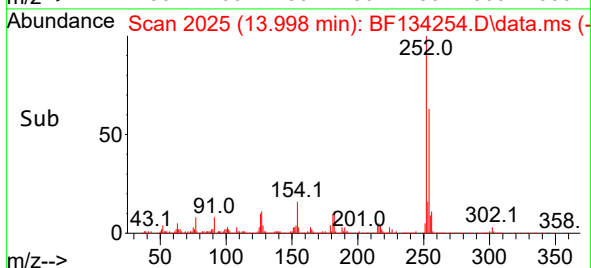
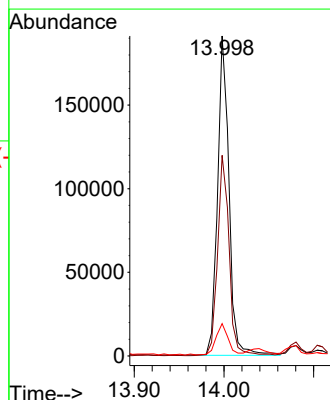
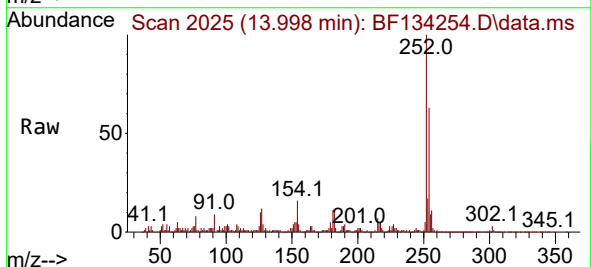
Tgt Ion:252 Resp: 168743

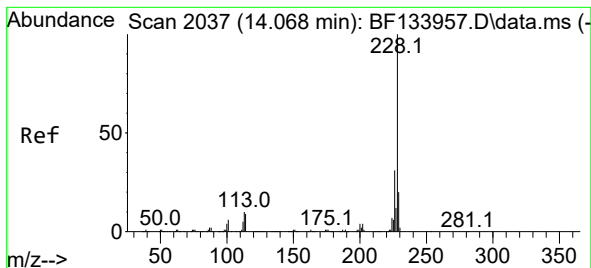
Ion Ratio Lower Upper

252 100

254 62.7 51.4 77.0

126 10.1 7.4 11.2





#83

Chrysene

Concen: 97.776 ng

RT: 14.080 min Scan# 2037

Delta R.T. 0.012 min

Lab File: BF134254.D

Acq: 12 Jul 2023 19:13

Instrument :

BNA_F

ClientSampleId :

ETGI-369MSD

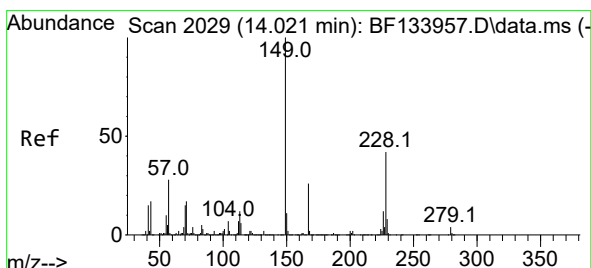
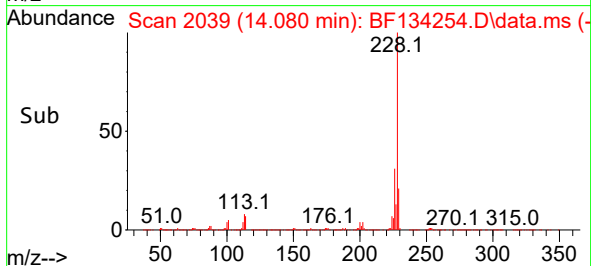
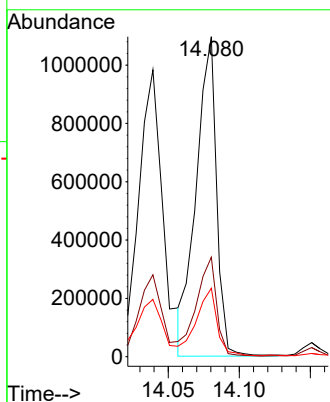
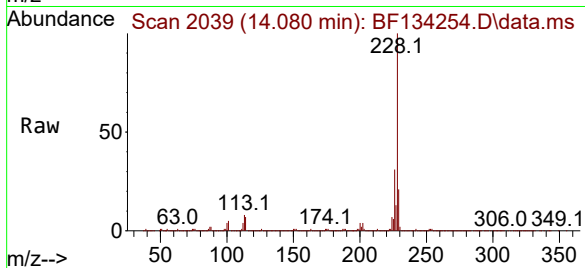
Tgt Ion:228 Resp: 1096668

Ion Ratio Lower Upper

228 100

226 31.1 24.4 36.6

229 21.4 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 58.424 ng

RT: 14.016 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF134254.D

Acq: 12 Jul 2023 19:13

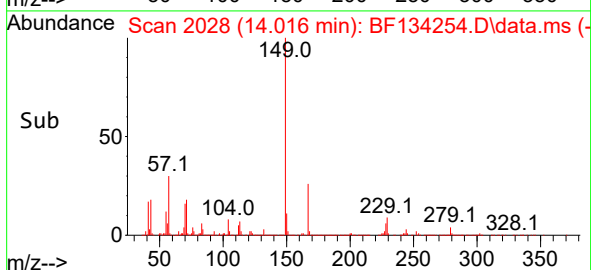
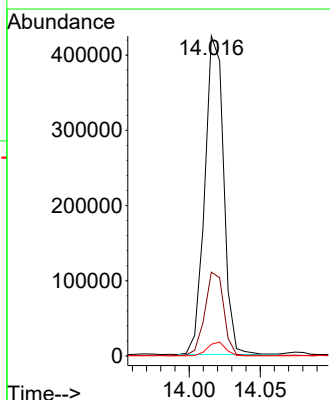
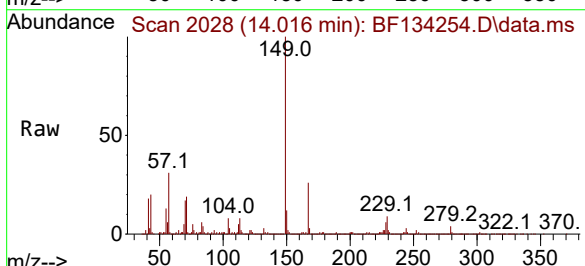
Tgt Ion:149 Resp: 391248

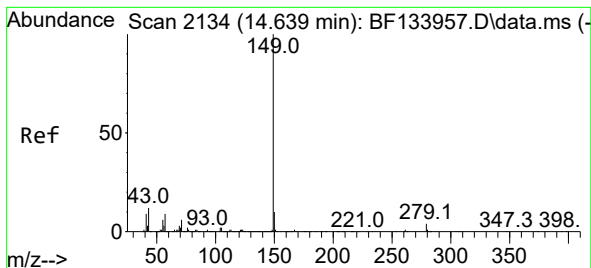
Ion Ratio Lower Upper

149 100

167 26.2 21.0 31.4

279 3.6 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 65.605 ng

RT: 14.639 min Scan# 2134

Delta R.T. 0.000 min

Lab File: BF134254.D

Acq: 12 Jul 2023 19:13

Instrument :

BNA_F

ClientSampleId :

ETGI-369MSD

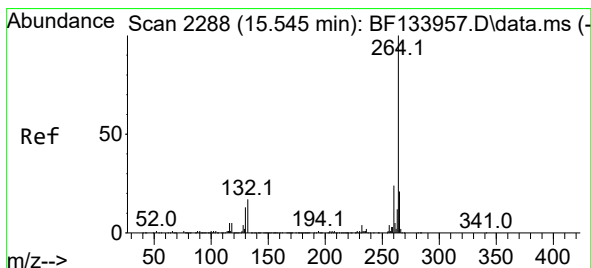
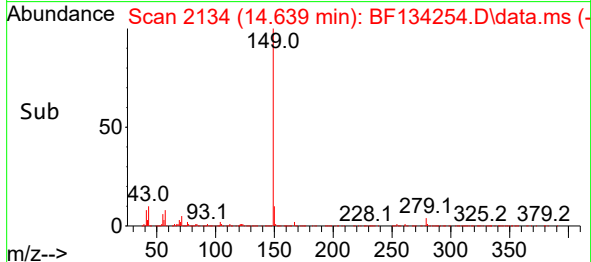
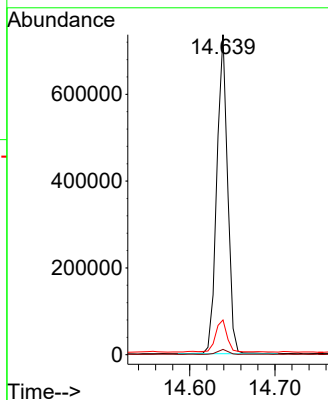
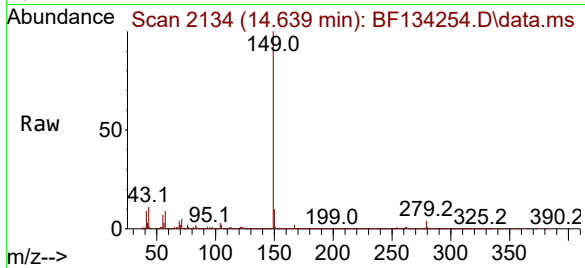
Tgt Ion:149 Resp: 645549

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 10.4 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 2289

Delta R.T. 0.006 min

Lab File: BF134254.D

Acq: 12 Jul 2023 19:13

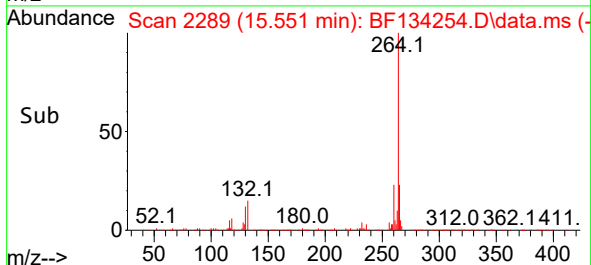
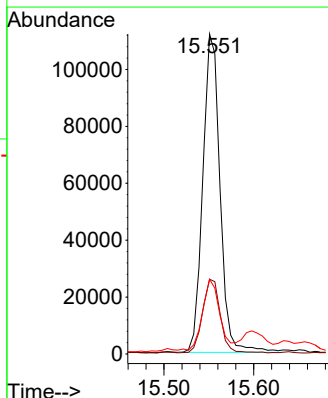
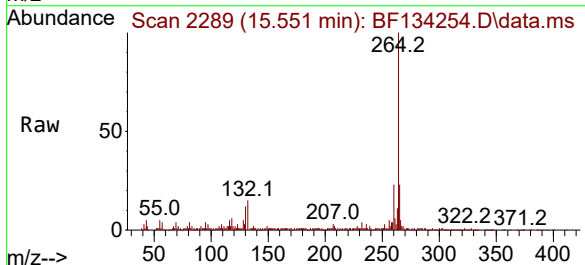
Tgt Ion:264 Resp: 149222

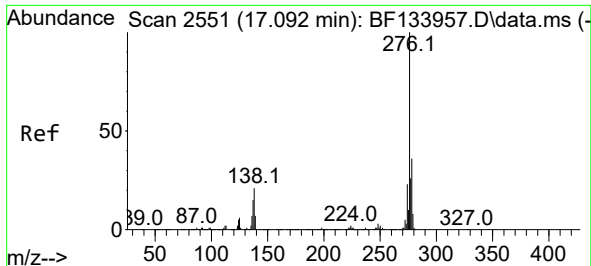
Ion Ratio Lower Upper

264 100

260 23.3 19.5 29.3

265 23.4 16.6 25.0

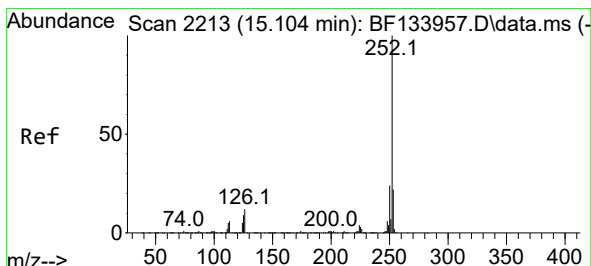
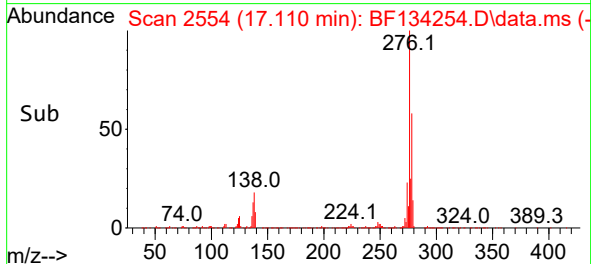
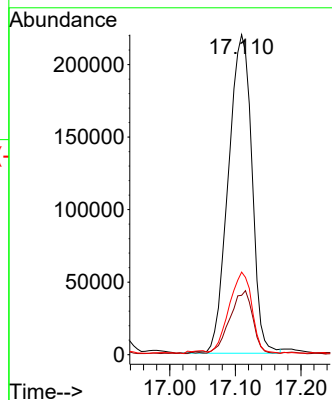
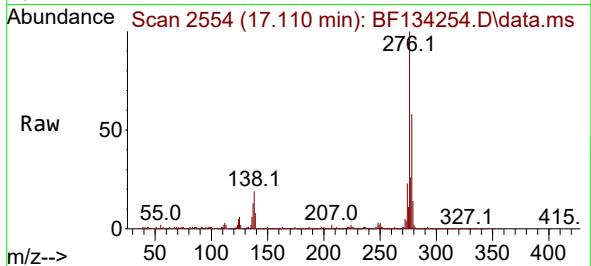




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 52.981 ng
 RT: 17.110 min Scan# 2115
 Delta R.T. 0.012 min
 Lab File: BF134254.D
 Acq: 12 Jul 2023 19:13

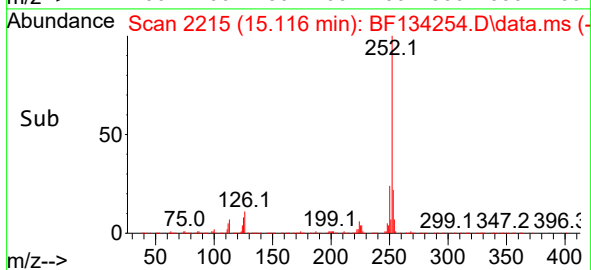
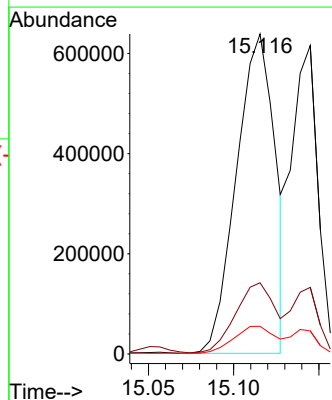
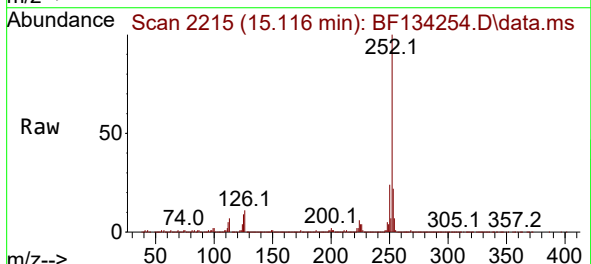
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 ClientSampleId :
 ETGI-369MSD

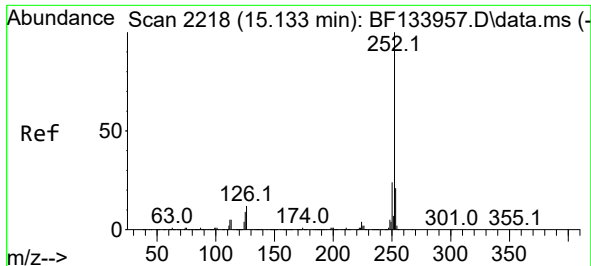
Tgt Ion:276 Resp: 548595
 Ion Ratio Lower Upper
 276 100
 138 19.0 18.7 28.1
 277 24.6 19.9 29.9



#88
 Benzo(b)fluoranthene
 Concen: 114.400 ng
 RT: 15.116 min Scan# 2215
 Delta R.T. 0.012 min
 Lab File: BF134254.D
 Acq: 12 Jul 2023 19:13

Tgt Ion:252 Resp: 1003788
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.4 26.0
 125 8.6 7.1 10.7

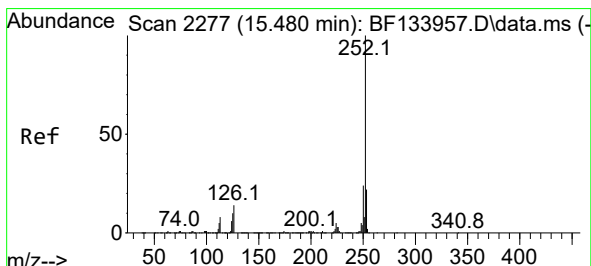
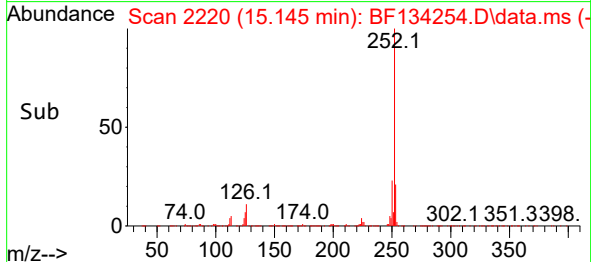
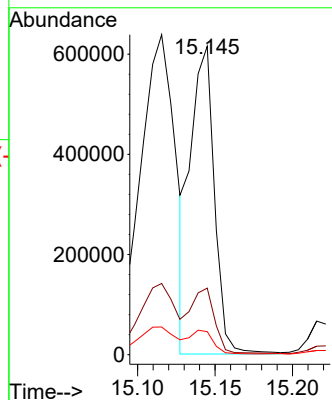
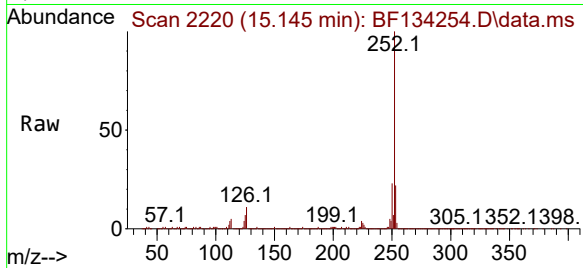




#89
Benzo(k)fluoranthene
Concen: 73.512 ng
RT: 15.145 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF134254.D
Acq: 12 Jul 2023 19:13

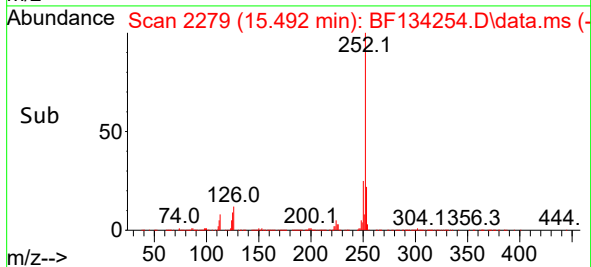
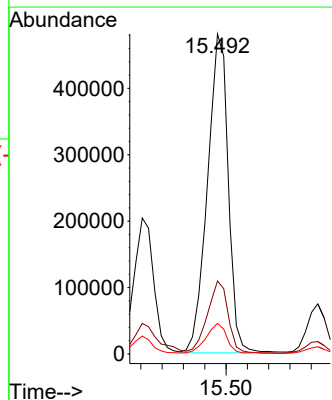
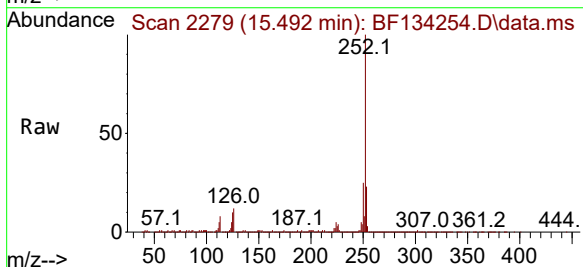
Instrument :
BNA_F
ClientSampleId :
ETGI-369MSD

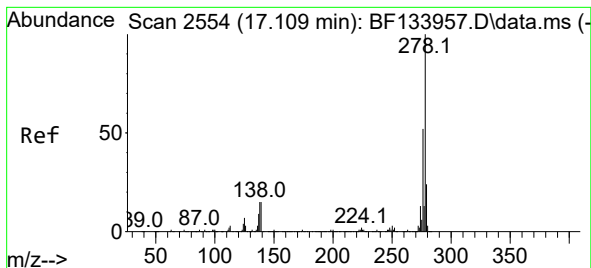
Tgt Ion:252 Resp: 656732
Ion Ratio Lower Upper
252 100
253 21.6 16.9 25.3
125 7.5 7.4 11.2



#90
Benzo(a)pyrene
Concen: 76.707 ng
RT: 15.492 min Scan# 2279
Delta R.T. 0.012 min
Lab File: BF134254.D
Acq: 12 Jul 2023 19:13

Tgt Ion:252 Resp: 650834
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.0
125 9.6 8.4 12.6





#91

Dibenzo(a,h)anthracene

Concen: 42.489 ng

RT: 17.121 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF134254.D

Acq: 12 Jul 2023 19:13

Instrument :

BNA_F

ClientSampleId :

ETGI-369MSD

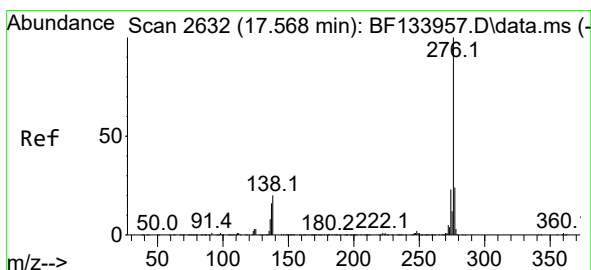
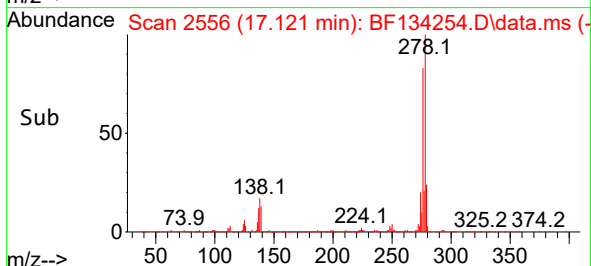
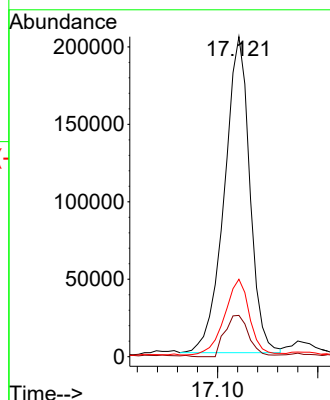
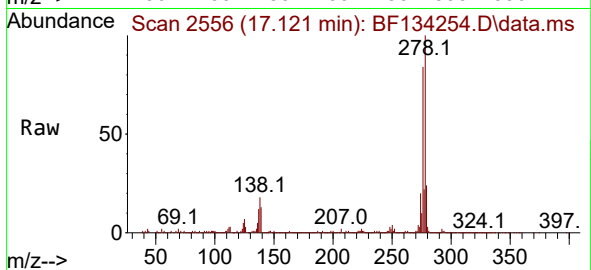
Tgt Ion:278 Resp: 359347

Ion Ratio Lower Upper

278 100

139 12.9 12.2 18.4

279 24.2 19.4 29.2



#92

Benzo(g,h,i)perylene

Concen: 50.601 ng

RT: 17.580 min Scan# 2634

Delta R.T. 0.012 min

Lab File: BF134254.D

Acq: 12 Jul 2023 19:13

Tgt Ion:276 Resp: 441326

Ion Ratio Lower Upper

276 100

277 23.8 19.0 28.6

138 16.9 16.2 24.2

