

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071223\
 Data File : BF134253.D
 Acq On : 12 Jul 2023 18:38
 Operator : CG\JU
 Sample : 03555-05MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-369MS

Quant Time: Jul 12 23:22:38 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	101332	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	393143	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	193251	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	305504	20.000	ng	0.00
76) Chrysene-d12	14.051	240	184957	20.000	ng	0.01
86) Perylene-d12	15.551	264	170837	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	479265	79.116	ng	0.01
7) Phenol-d6	6.487	99	585423	78.582	ng	0.00
23) Nitrobenzene-d5	7.410	82	416643	57.128	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	161946	66.837	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	758611	57.073	ng	0.00
79) Terphenyl-d14	12.974	244	590916	51.419	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.716	88	106057	42.460	ng	99
3) Pyridine	3.487	79	255275	39.236	ng	98
4) n-Nitrosodimethylamine	3.457	42	165916	44.651	ng	100
6) Aniline	6.510	93	322118	35.532	ng	# 87
8) 2-Chlorophenol	6.634	128	294513	47.893	ng	98
9) Benzaldehyde	6.398	77	203737	55.058	ng	90
10) Phenol	6.504	94	359000	45.832	ng	85
11) bis(2-Chloroethyl)ether	6.587	93	264957	45.945	ng	97
12) 1,3-Dichlorobenzene	6.787	146	313732	47.855	ng	99
13) 1,4-Dichlorobenzene	6.863	146	322935	48.769	ng	99
14) 1,2-Dichlorobenzene	7.016	146	304597	49.116	ng	99
15) Benzyl Alcohol	6.992	79	270746	47.142	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	443343	43.456	ng	94
17) 2-Methylphenol	7.104	107	246661	44.793	ng	96
18) Hexachloroethane	7.351	117	122200	49.770	ng	96
19) n-Nitroso-di-n-propyla...	7.263	70	212291	44.935	ng	98
20) 3+4-Methylphenols	7.257	107	296498	44.383	ng	93
22) Acetophenone	7.257	105	418241	46.778	ng	99
24) Nitrobenzene	7.434	77	326039	44.239	ng	98
25) Isophorone	7.669	82	583521	44.023	ng	99
26) 2-Nitrophenol	7.745	139	161932	45.802	ng	96
27) 2,4-Dimethylphenol	7.787	122	259647	46.395	ng	99
28) bis(2-Chloroethoxy)met...	7.875	93	340840	44.409	ng	99
29) 2,4-Dichlorophenol	7.987	162	248867	44.845	ng	97
30) 1,2,4-Trichlorobenzene	8.069	180	267285	46.678	ng	99
31) Naphthalene	8.151	128	1029331	54.204	ng	100
32) Benzoic acid	7.904	122	103908	24.778	ng	98
33) 4-Chloroaniline	8.198	127	181878	22.390	ng	98
34) Hexachlorobutadiene	8.263	225	171632	47.516	ng	99
35) Caprolactam	8.586	113	73348	40.141	ng	98
36) 4-Chloro-3-methylphenol	8.686	107	279428	44.821	ng	95
37) 2-Methylnaphthalene	8.839	142	632296	47.085	ng	99
38) 1-Methylnaphthalene	8.939	142	545081	43.662	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	270553	47.255	ng	99
41) Hexachlorocyclopentadiene	8.986	237	115377	42.477	ng	97
43) 2,4,6-Trichlorophenol	9.122	196	171271	43.944	ng	99

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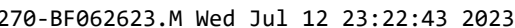
Instrument :
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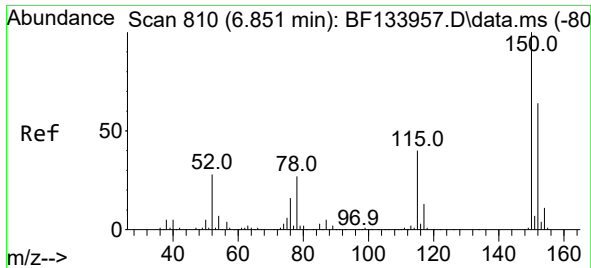
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	179293	39.108	ng	95
46) 1,1'-Biphenyl	9.304	154	732283	47.238	ng	99
47) 2-Chloronaphthalene	9.333	162	511883	45.131	ng	98
48) 2-Nitroaniline	9.433	65	179563	43.440	ng	98
49) Acenaphthylene	9.751	152	864588	44.623	ng	99
50) Dimethylphthalate	9.610	163	620239	44.214	ng	100
51) 2,6-Dinitrotoluene	9.675	165	130064	43.047	ng	# 85
52) Acenaphthene	9.922	154	557118	49.554	ng	99
53) 3-Nitroaniline	9.845	138	120316	33.193	ng	98
54) 2,4-Dinitrophenol	9.957	184	47156	29.584	ng	89
55) Dibenzofuran	10.092	168	871988	49.628	ng	96
56) 4-Nitrophenol	10.016	139	172239	67.933	ng	92
57) 2,4-Dinitrotoluene	10.086	165	160078	40.118	ng	89
58) Fluorene	10.439	166	621143	45.440	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.216	232	135449	37.455	ng	# 98
60) Diethylphthalate	10.310	149	630259	43.124	ng	99
61) 4-Chlorophenyl-phenyle...	10.428	204	277262	42.088	ng	96
62) 4-Nitroaniline	10.463	138	117639	32.204	ng	92
63) Azobenzene	10.592	77	592128	42.831	ng	97
65) 4,6-Dinitro-2-methylph...	10.498	198	41980	25.204	ng	96
66) n-Nitrosodiphenylamine	10.551	169	494200	50.630	ng	98
67) 4-Bromophenyl-phenylether	10.922	248	166095	51.151	ng	97
68) Hexachlorobenzene	10.986	284	176039	51.060	ng	96
69) Atrazine	11.080	200	155266	57.507	ng	96
70) Pentachlorophenol	11.186	266	139041	67.448	ng	92
71) Phenanthrene	11.410	178	1253412	81.498	ng	100
72) Anthracene	11.463	178	1016649	63.554	ng	100
73) Carbazole	11.616	167	656805	44.858	ng	98
74) Di-n-butylphthalate	11.945	149	835720	47.997	ng	99
75) Fluoranthene	12.616	202	2297457	138.178	ng	98
77) Benzidine	12.727	184	154692	35.150	ng	99
78) Pyrene	12.845	202	1907469	110.817	ng	100
80) Butylbenzylphthalate	13.457	149	288989	44.766	ng	96
81) Benzo(a)anthracene	14.039	228	1199331	93.500	ng	98
82) 3,3'-Dichlorobenzidine	13.998	252	165813	40.802	ng	98
83) Chrysene	14.080	228	1125223	90.569	ng	99
84) Bis(2-ethylhexyl)phtha...	14.016	149	398599	53.735	ng	98
85) Di-n-octyl phthalate	14.639	149	674389	61.873	ng	98
87) Indeno(1,2,3-cd)pyrene	17.109	276	590890	49.846	ng	96
88) Benzo(b)fluoranthene	15.115	252	1078999	107.413	ng	99
89) Benzo(k)fluoranthene	15.115	252	1078999	105.498	ng	98
90) Benzo(a)pyrene	15.492	252	702834	72.355	ng	98
91) Dibenzo(a,h)anthracene	17.121	278	387118	39.981	ng	97
92) Benzo(g,h,i)perylene	17.580	276	470632	47.134	ng	98

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

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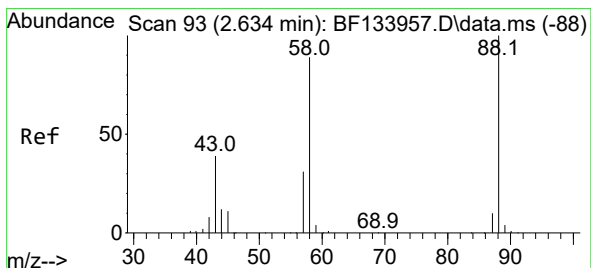
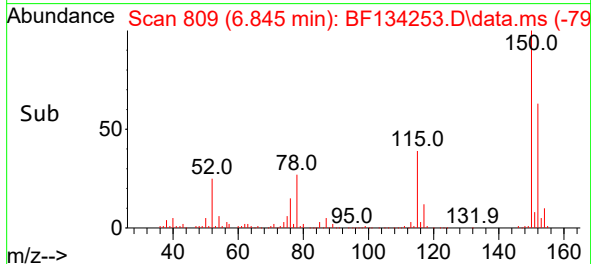
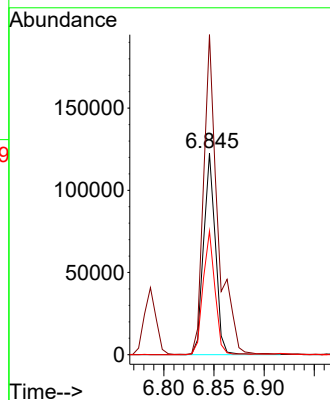
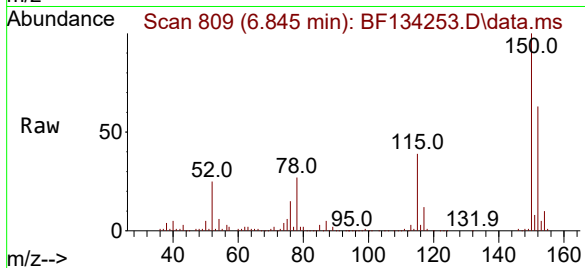




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF134253.D
 Acq: 12 Jul 2023 18:38

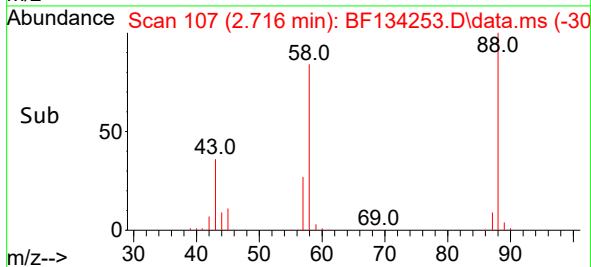
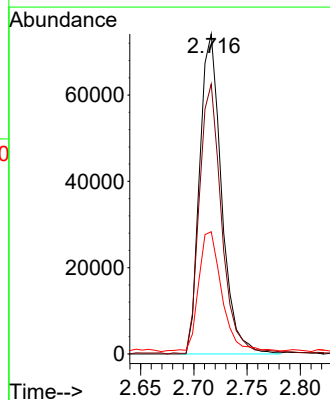
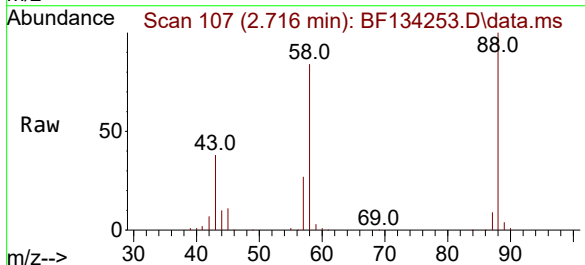
Instrument :
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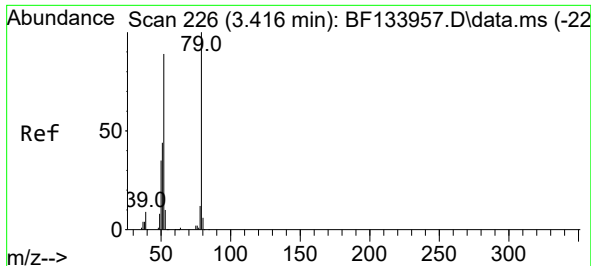
Tgt Ion:152 Resp: 101332
 Ion Ratio Lower Upper
 152 100
 150 158.8 124.5 186.7
 115 61.3 50.2 75.2



#2
 1,4-Dioxane
 Concen: 42.460 ng
 RT: 2.716 min Scan# 107
 Delta R.T. 0.100 min
 Lab File: BF134253.D
 Acq: 12 Jul 2023 18:38

Tgt Ion: 88 Resp: 106057
 Ion Ratio Lower Upper
 88 100
 58 86.5 68.8 103.2
 43 39.9 30.7 46.1

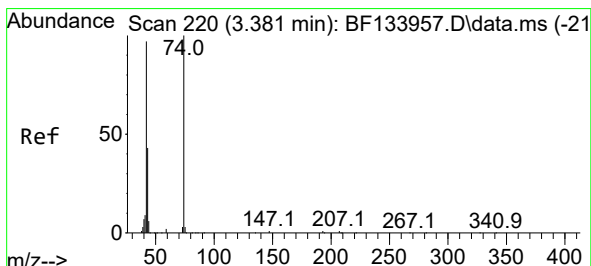
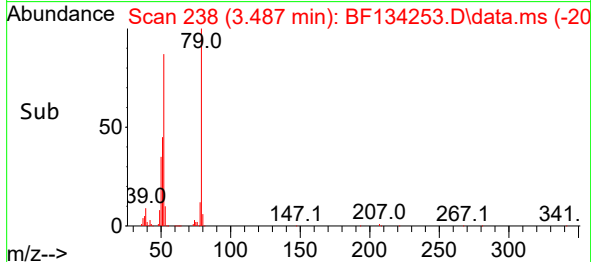
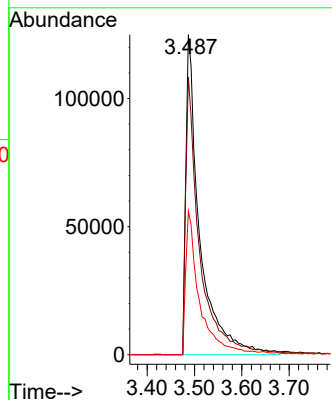
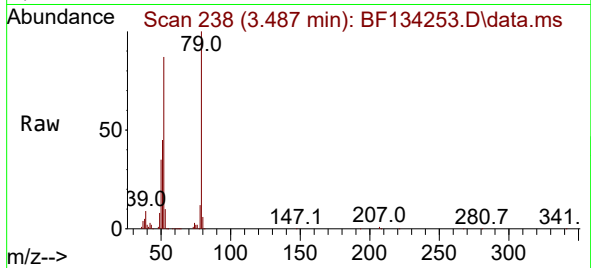




#3
 Pyridine
 Concen: 39.236 ng
 RT: 3.487 min Scan# 21
 Delta R.T. 0.088 min
 Lab File: BF134253.D
 Acq: 12 Jul 2023 18:38

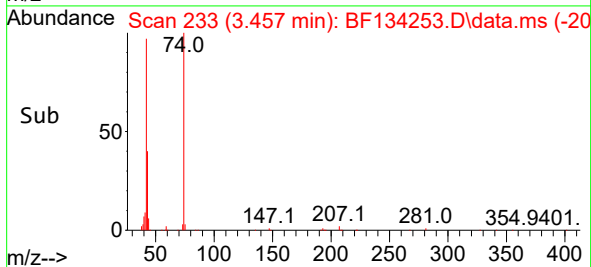
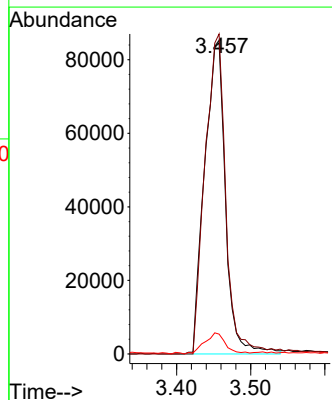
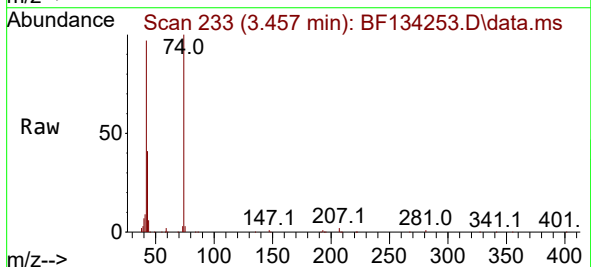
Instrument :
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 ClientSampleId :
 ETGI-369MS

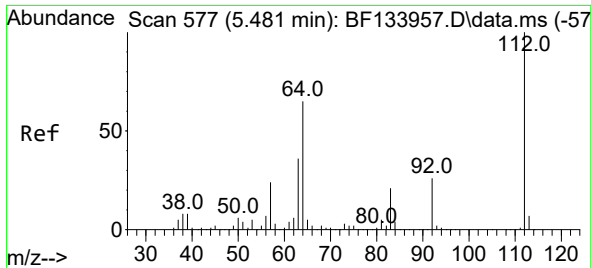
Tgt Ion: 79 Resp: 255275
 Ion Ratio Lower Upper
 79 100
 52 86.8 71.1 106.7
 51 44.9 35.2 52.8



#4
 n-Nitrosodimethylamine
 Concen: 44.651 ng
 RT: 3.457 min Scan# 233
 Delta R.T. 0.094 min
 Lab File: BF134253.D
 Acq: 12 Jul 2023 18:38

Tgt Ion: 42 Resp: 165916
 Ion Ratio Lower Upper
 42 100
 74 102.9 82.4 123.6
 44 6.4 4.9 7.3

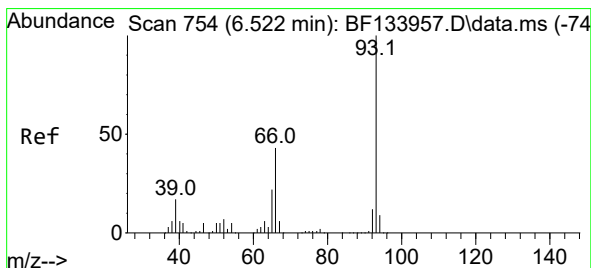
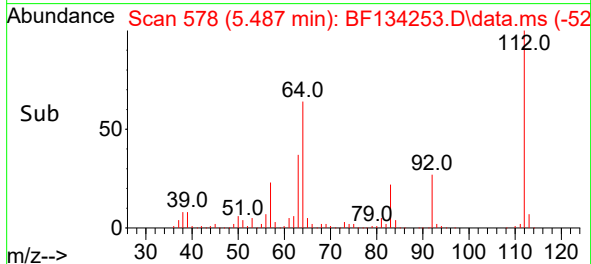
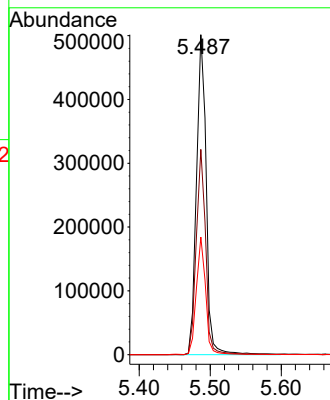
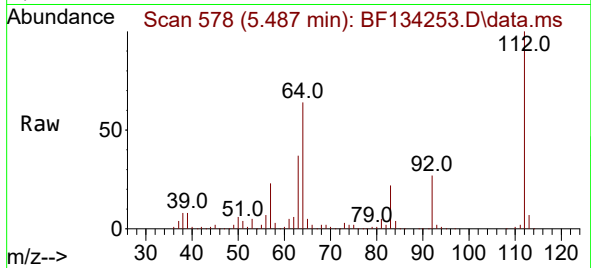




#5
2-Fluorophenol
Concen: 79.116 ng
RT: 5.487 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

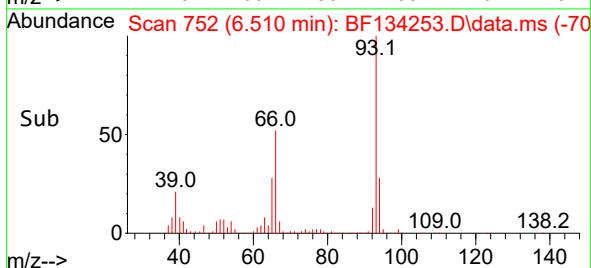
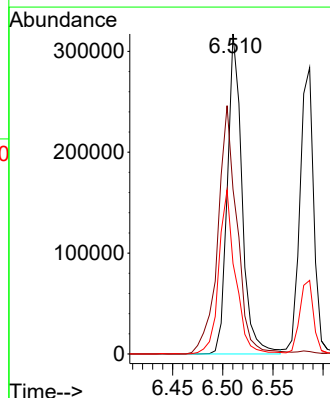
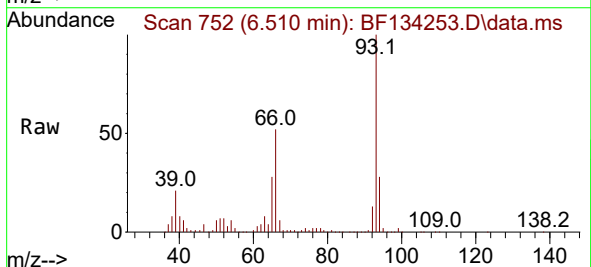
Instrument :
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ClientSampleId :
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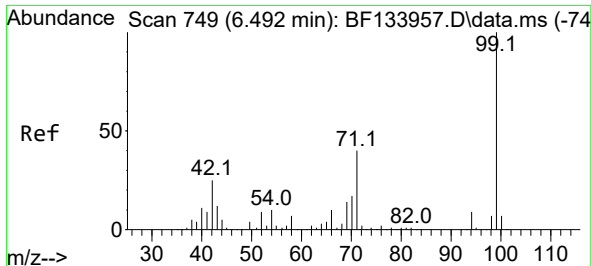
Tgt Ion:112 Resp: 479265
Ion Ratio Lower Upper
112 100
64 64.2 52.1 78.1
63 36.8 28.6 42.8



#6
Aniline
Concen: 35.532 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion: 93 Resp: 322118
Ion Ratio Lower Upper
93 100
66 51.5 34.5 51.7
65 28.3 17.8 26.6#

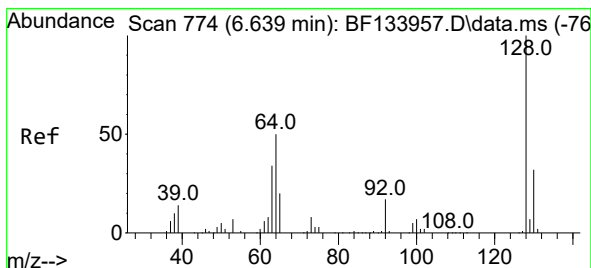
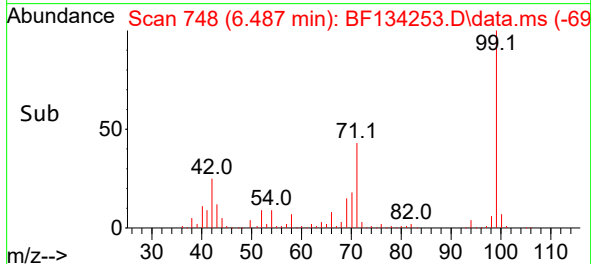
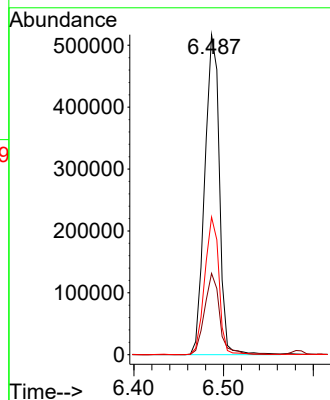
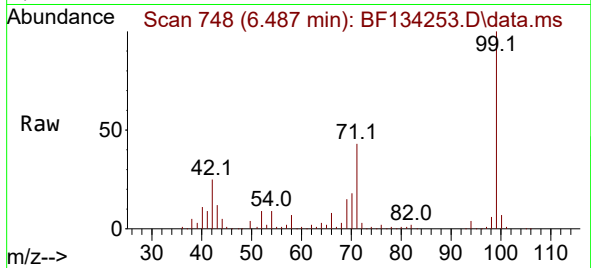




#7
Phenol-d6
Concen: 78.582 ng
RT: 6.487 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

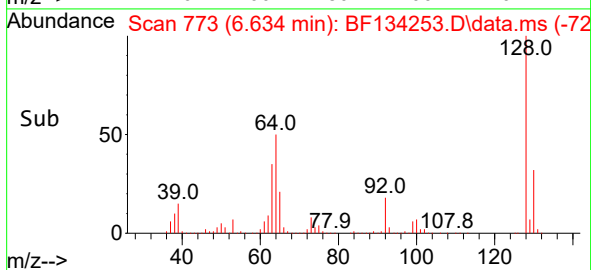
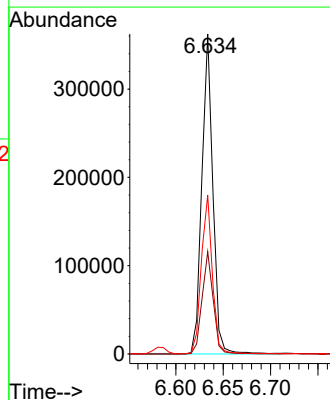
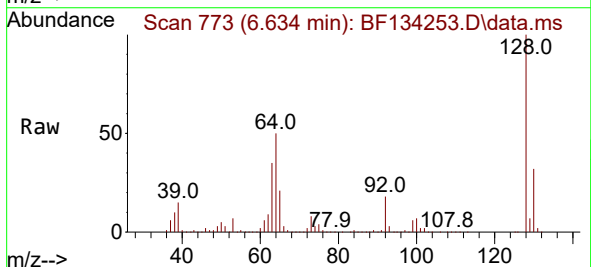
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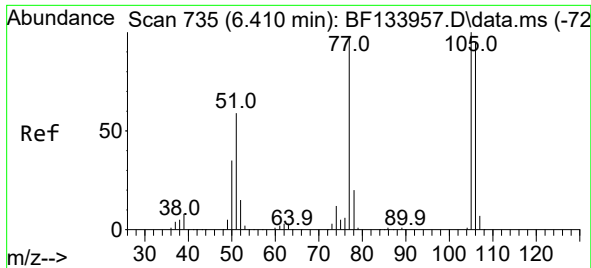
Tgt Ion: 99 Resp: 585423
Ion Ratio Lower Upper
99 100
42 25.4 19.8 29.6
71 43.0 31.9 47.9



#8
2-Chlorophenol
Concen: 47.893 ng
RT: 6.634 min Scan# 773
Delta R.T. 0.000 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion: 128 Resp: 294513
Ion Ratio Lower Upper
128 100
130 32.0 11.7 51.7
64 49.6 31.3 71.3





#9

Benzaldehyde

Concen: 55.058 ng

RT: 6.398 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF134253.D

Acq: 12 Jul 2023 18:38

Instrument :

BNA_F

ClientSampleId :

ETGI-369MS

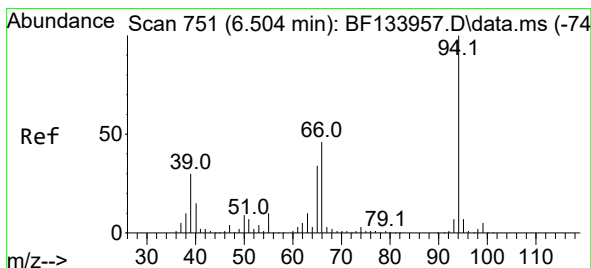
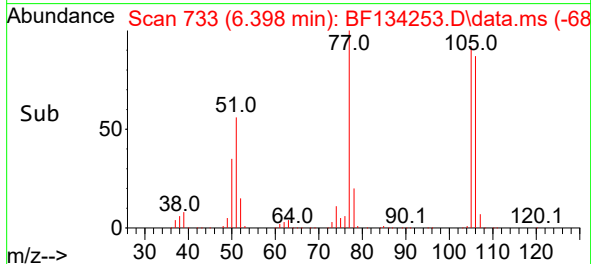
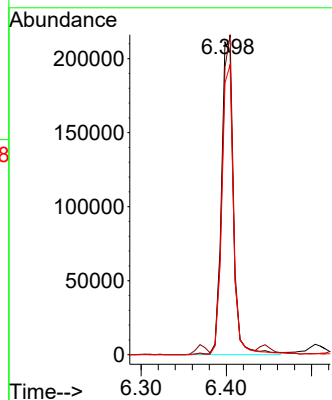
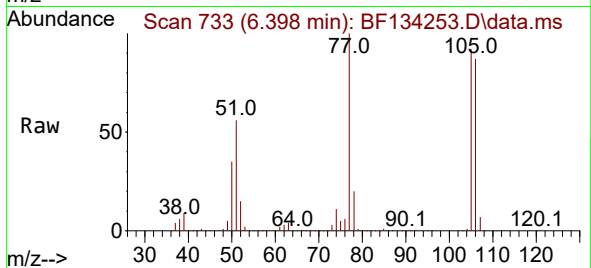
Tgt Ion: 77 Resp: 203737

Ion Ratio Lower Upper

77 100

105 92.0 82.0 122.0

106 86.9 76.9 116.9



#10

Phenol

Concen: 45.832 ng

RT: 6.504 min Scan# 751

Delta R.T. 0.006 min

Lab File: BF134253.D

Acq: 12 Jul 2023 18:38

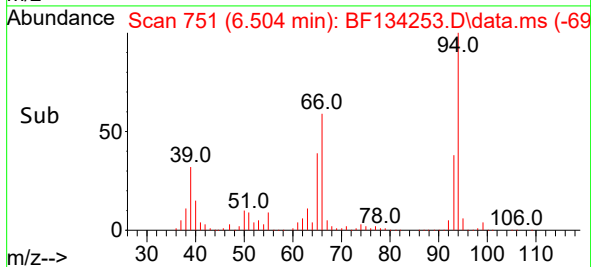
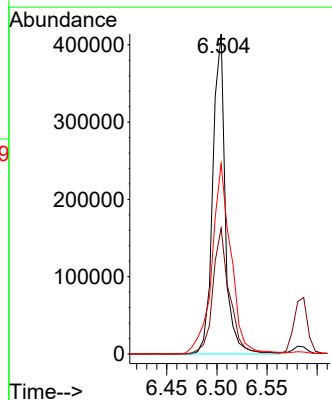
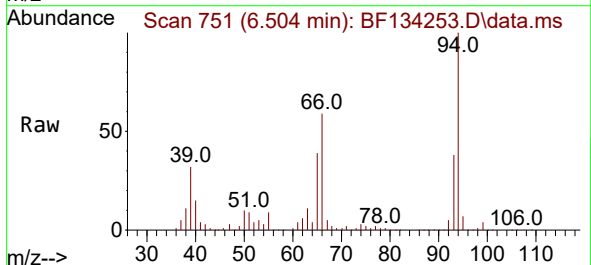
Tgt Ion: 94 Resp: 359000

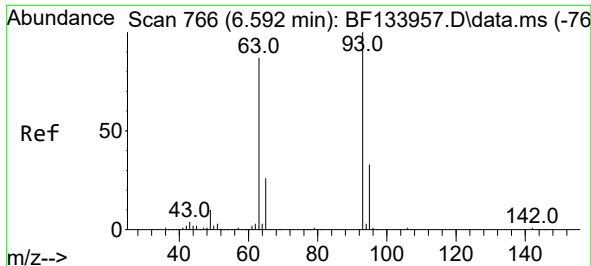
Ion Ratio Lower Upper

94 100

65 39.3 14.2 54.2

66 59.5 26.4 66.4





#11

bis(2-Chloroethyl)ether

Concen: 45.945 ng

RT: 6.587 min Scan# 709

Delta R.T. 0.000 min

Lab File: BF134253.D

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Instrument :

BNA_F

ClientSampleId :

ETGI-369MS

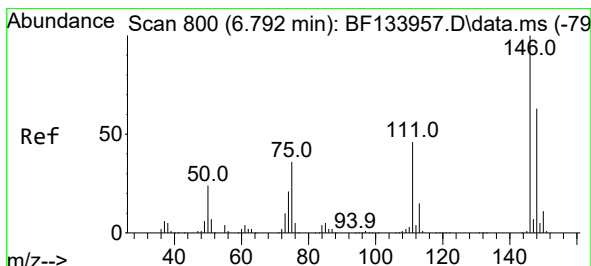
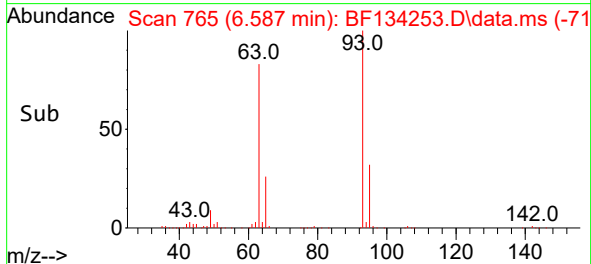
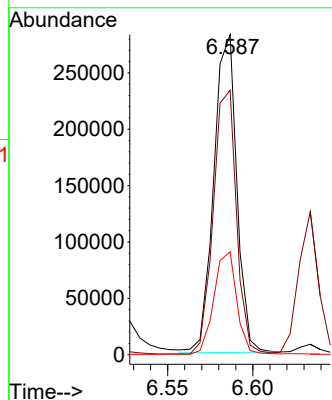
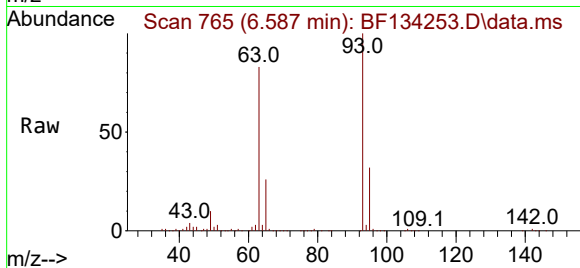
Tgt Ion: 93 Resp: 264957

Ion Ratio Lower Upper

93 100

63 82.6 66.5 106.5

95 32.1 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 47.855 ng

RT: 6.787 min Scan# 799

Delta R.T. 0.000 min

Lab File: BF134253.D

Acq: 12 Jul 2023 18:38

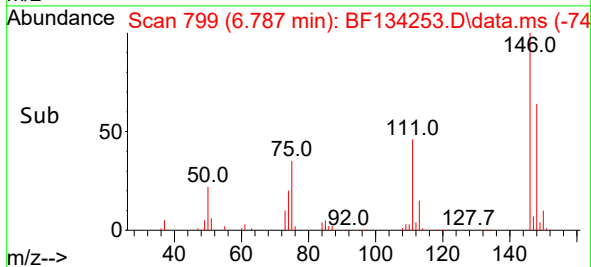
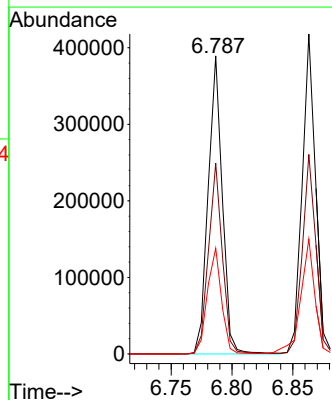
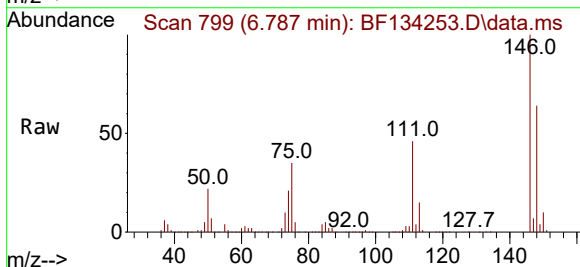
Tgt Ion: 146 Resp: 313732

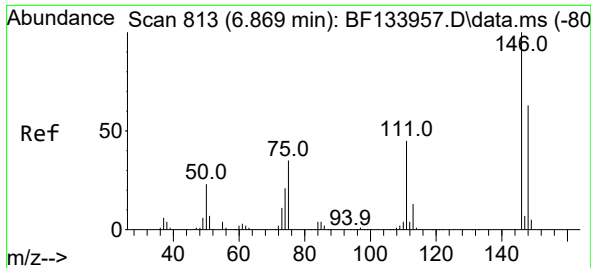
Ion Ratio Lower Upper

146 100

148 64.0 50.5 75.7

75 35.5 29.0 43.6

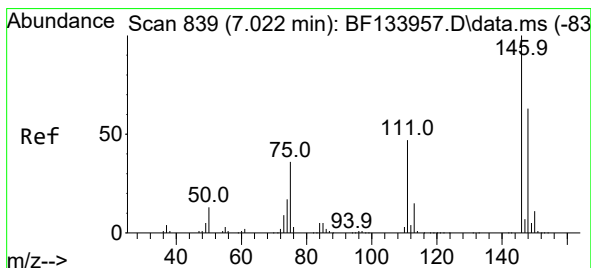
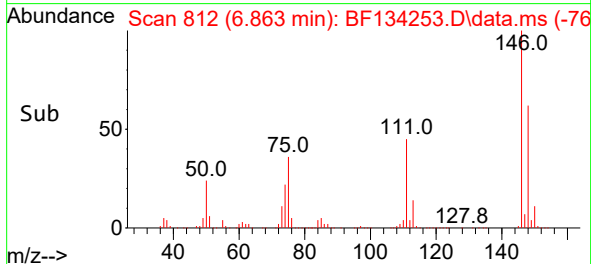
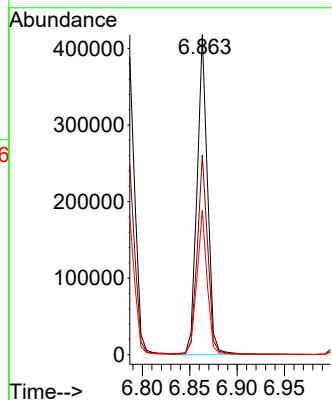
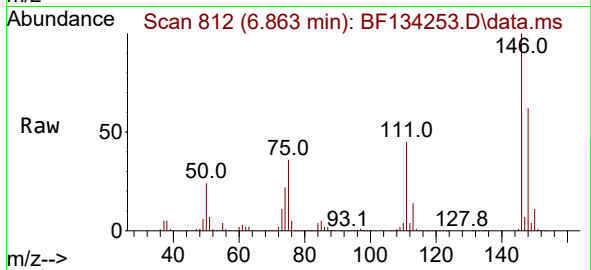




#13
1,4-Dichlorobenzene
Concen: 48.769 ng
RT: 6.863 min Scan# 813
Delta R.T. 0.000 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

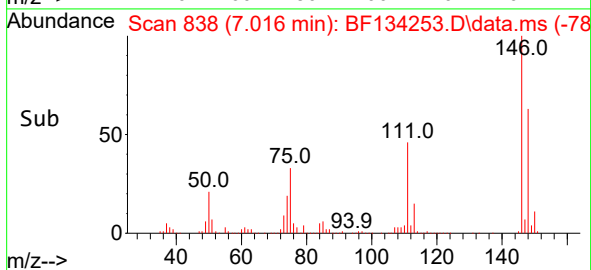
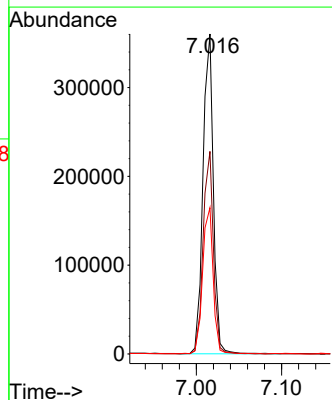
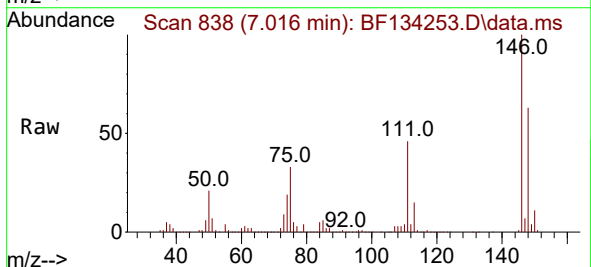
Instrument :
BNA_F
ClientSampleId :
ETGI-369MS

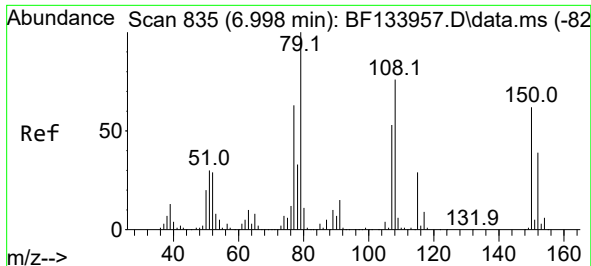
Tgt Ion:146 Resp: 322935
Ion Ratio Lower Upper
146 100
148 62.3 50.2 75.2
111 45.2 35.8 53.6



#14
1,2-Dichlorobenzene
Concen: 49.116 ng
RT: 7.016 min Scan# 838
Delta R.T. 0.000 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:146 Resp: 304597
Ion Ratio Lower Upper
146 100
148 63.3 50.6 76.0
111 45.7 38.0 57.0

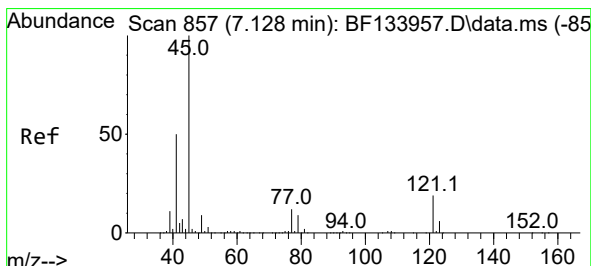
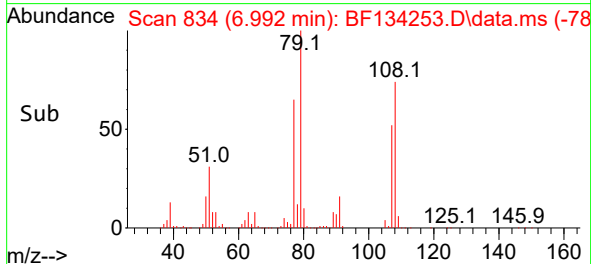
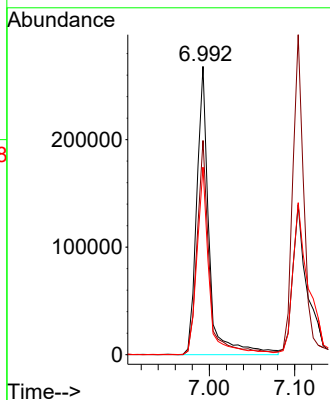
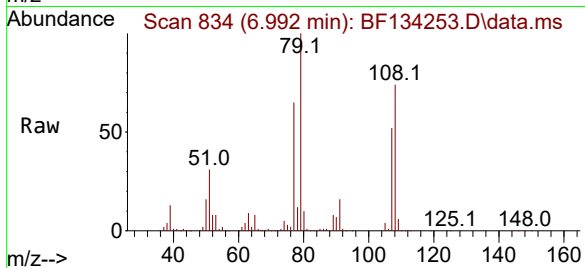




#15
Benzyl Alcohol
Concen: 47.142 ng
RT: 6.992 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

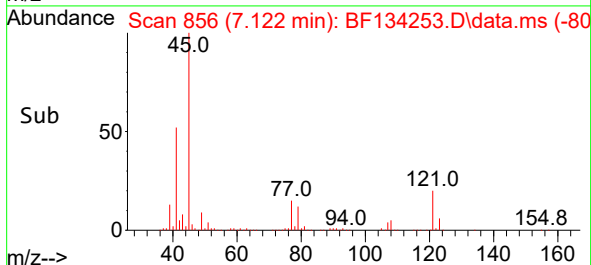
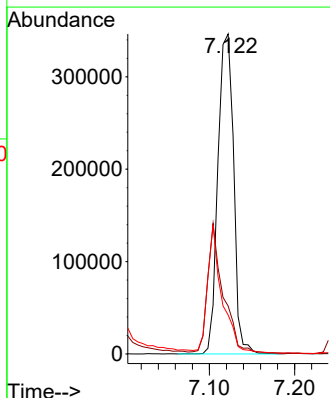
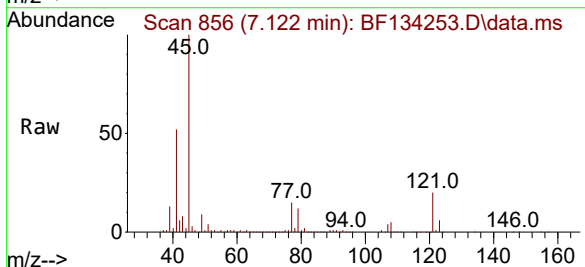
Instrument :
BNA_F
ClientSampleId :
ETGI-369MS

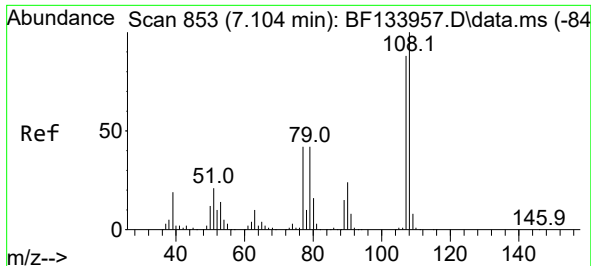
Tgt Ion: 79 Resp: 270746
Ion Ratio Lower Upper
79 100
108 74.3 60.7 91.1
77 65.0 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 43.456 ng
RT: 7.122 min Scan# 856
Delta R.T. 0.000 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion: 45 Resp: 443343
Ion Ratio Lower Upper
45 100
77 15.0 0.0 32.9
79 12.2 0.0 29.5

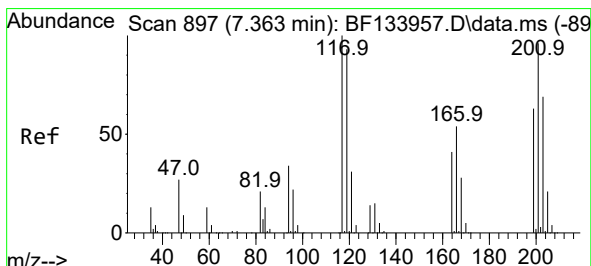
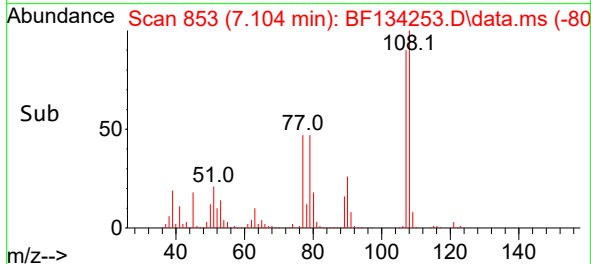
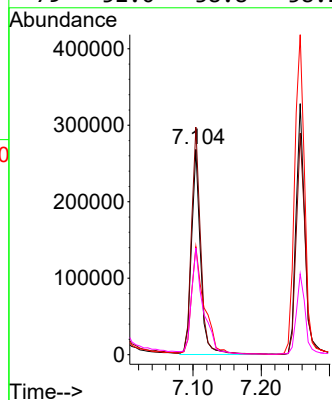
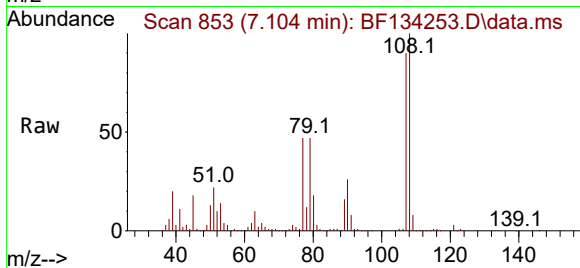




#17
2-Methylphenol
Concen: 44.793 ng
RT: 7.104 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

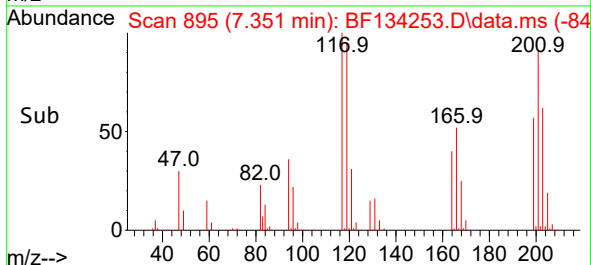
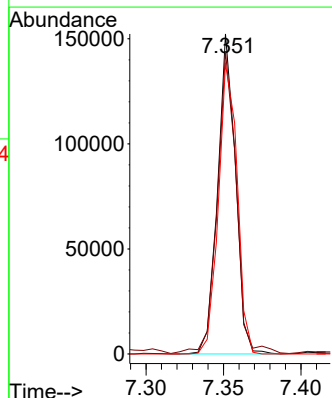
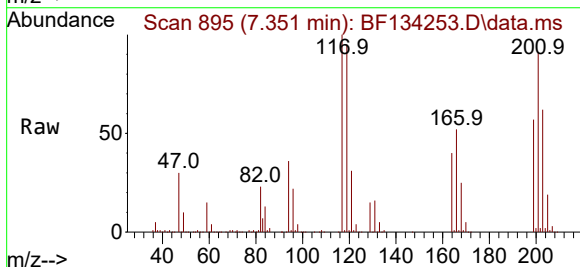
Instrument :
BNA_F
ClientSampleId :
ETGI-369MS

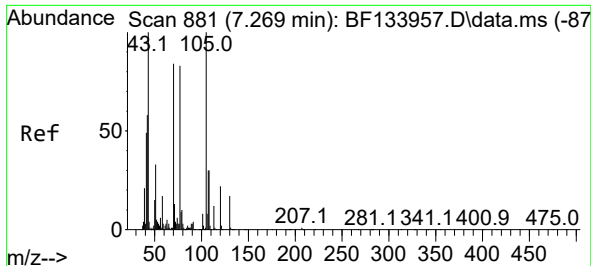
Tgt Ion:	107	Resp:	246661
Ion	Ratio	Lower	Upper
107	100		
108	110.8	90.6	136.0
77	52.6	38.3	57.5
79	52.0	38.8	58.2



#18
Hexachloroethane
Concen: 49.770 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.000 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:	117	Resp:	122200
Ion	Ratio	Lower	Upper
117	100		
119	94.5	74.2	111.4
201	90.7	77.2	115.8

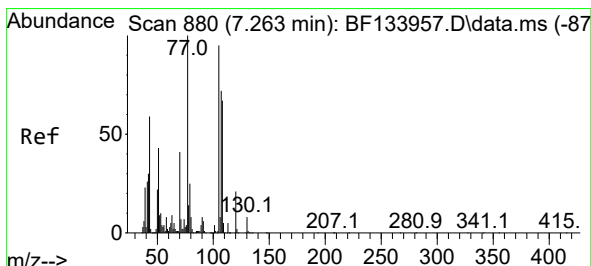
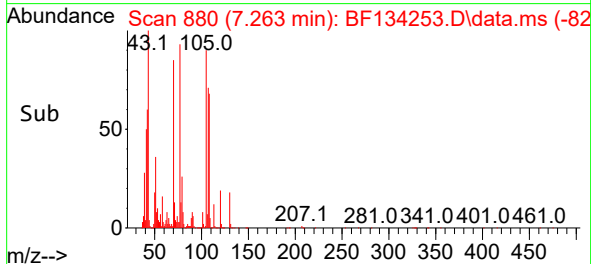
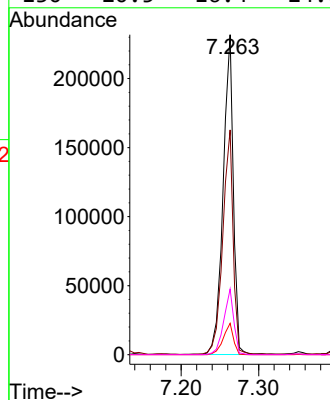
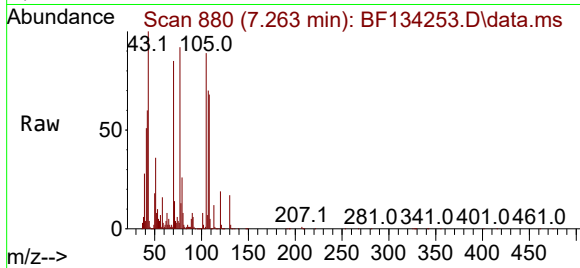




#19
n-Nitroso-di-n-propylamine
Concen: 44.935 ng
RT: 7.263 min Scan# 881
Delta R.T. 0.006 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

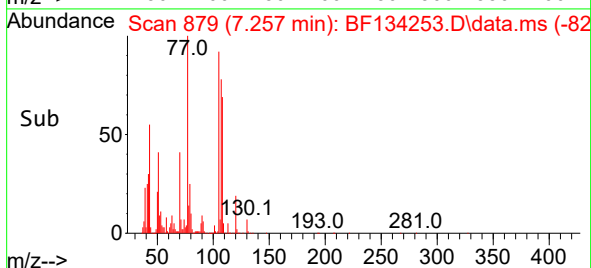
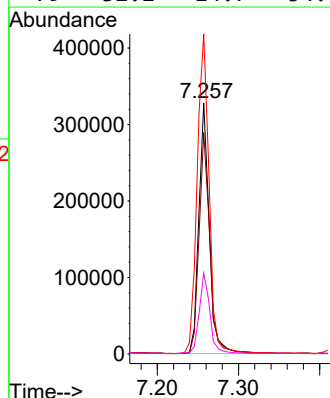
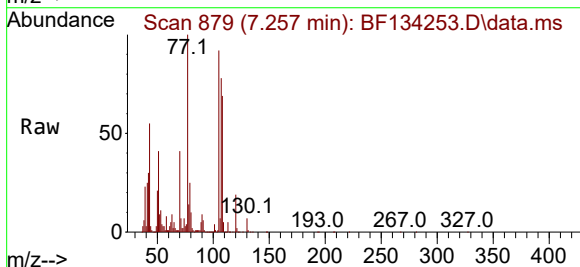
Instrument :
BNA_F
ClientSampleId :
ETGI-369MS

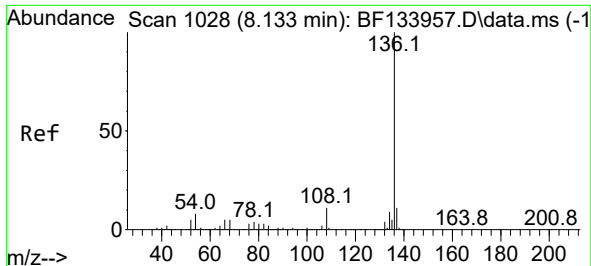
Tgt Ion: 70 Resp: 212291
Ion Ratio Lower Upper
70 100
42 70.2 54.7 82.1
101 9.8 7.7 11.5
130 20.5 16.4 24.6



#20
3+4-Methylphenols
Concen: 44.383 ng
RT: 7.257 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion: 107 Resp: 296498
Ion Ratio Lower Upper
107 100
108 88.2 73.2 113.2
77 127.5 118.3 158.3
79 32.2 14.7 54.7

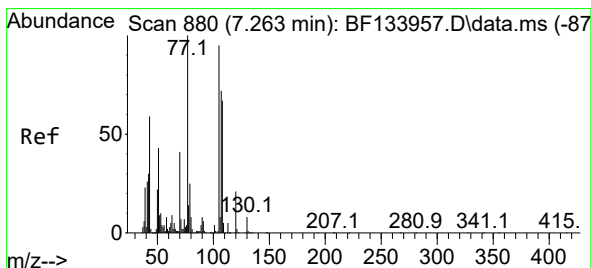
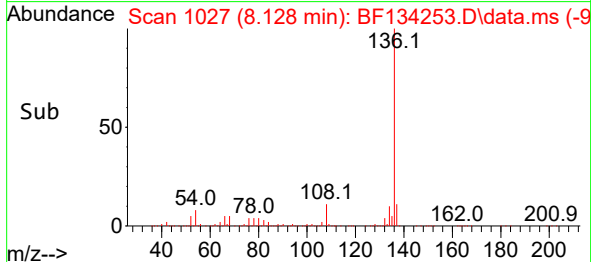
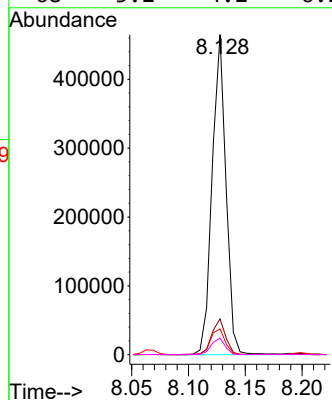
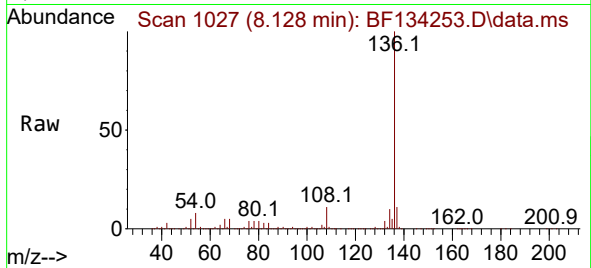




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

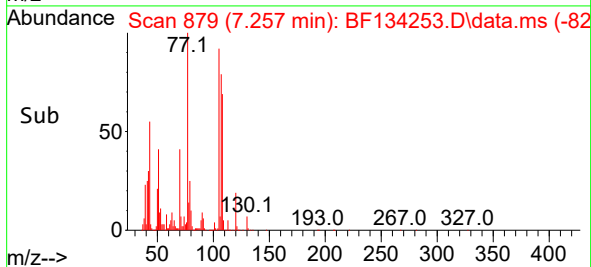
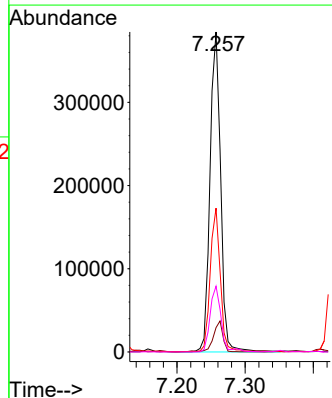
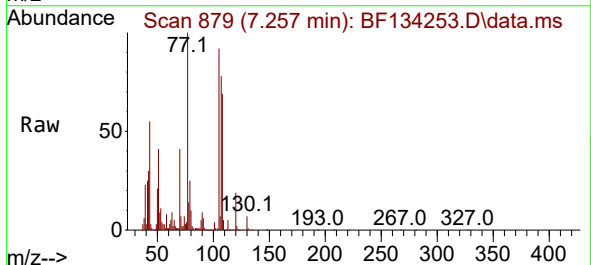
Instrument :
BNA_F
ClientSampleId :
ETGI-369MS

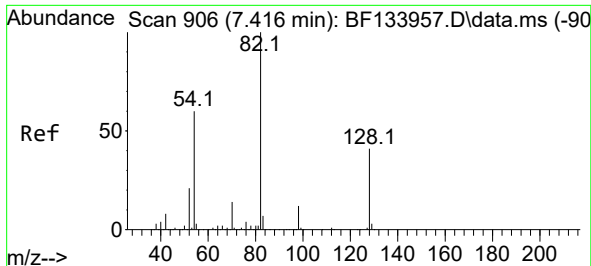
Tgt Ion:136 Resp: 393143
Ion Ratio Lower Upper
136 100
137 11.2 8.6 12.8
54 8.1 6.5 9.7
68 5.2 4.2 6.2



#22
Acetophenone
Concen: 46.778 ng
RT: 7.257 min Scan# 879
Delta R.T. 0.000 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:105 Resp: 418241
Ion Ratio Lower Upper
105 100
71 7.6 5.5 8.3
51 44.9 36.5 54.7
120 20.5 17.3 25.9





#23

Nitrobenzene-d5

Concen: 57.128 ng

RT: 7.410 min Scan# 906

Delta R.T. 0.000 min

Lab File: BF134253.D

Acq: 12 Jul 2023 18:38

Instrument :

BNA_F

ClientSampleId :

ETGI-369MS

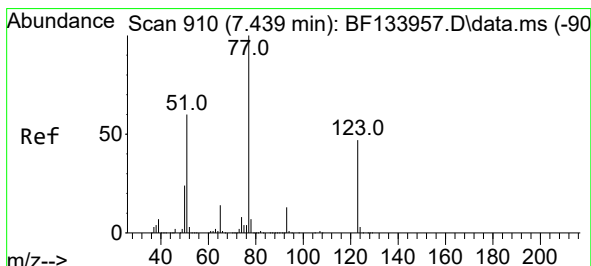
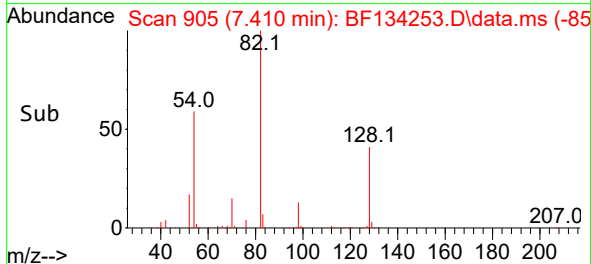
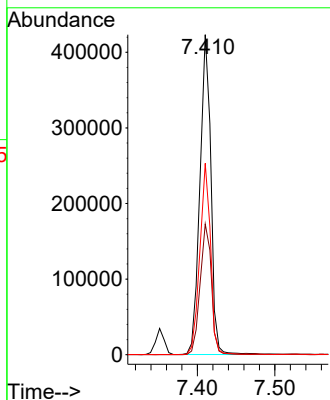
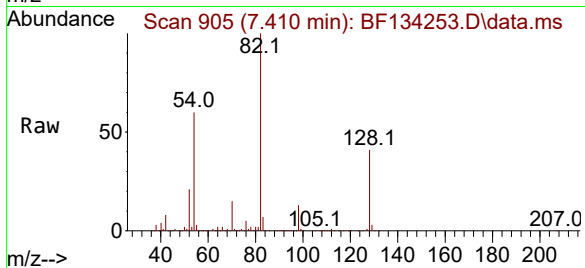
Tgt Ion: 82 Resp: 416643

Ion Ratio Lower Upper

82 100

128 40.9 32.5 48.7

54 59.8 48.2 72.2



#24

Nitrobenzene

Concen: 44.239 ng

RT: 7.434 min Scan# 909

Delta R.T. 0.006 min

Lab File: BF134253.D

Acq: 12 Jul 2023 18:38

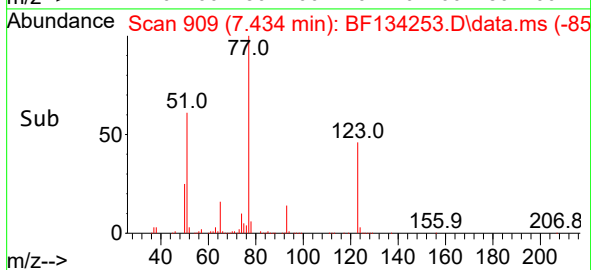
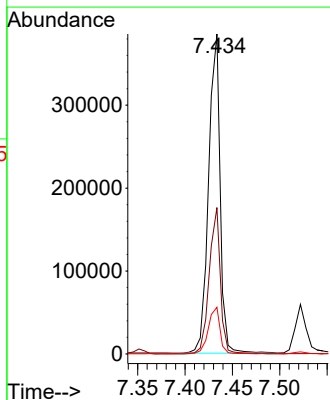
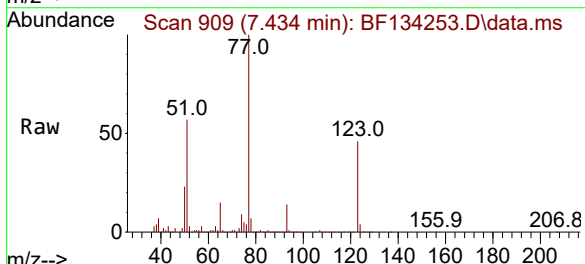
Tgt Ion: 77 Resp: 326039

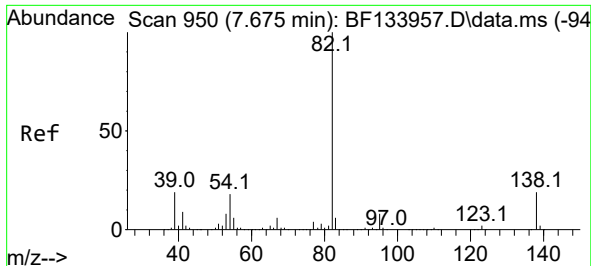
Ion Ratio Lower Upper

77 100

123 45.8 37.8 56.6

65 14.6 11.3 16.9

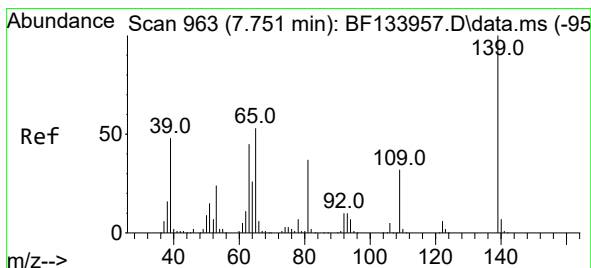
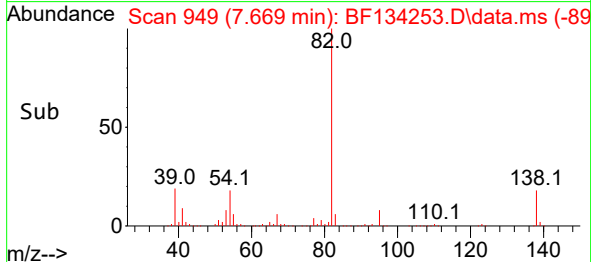
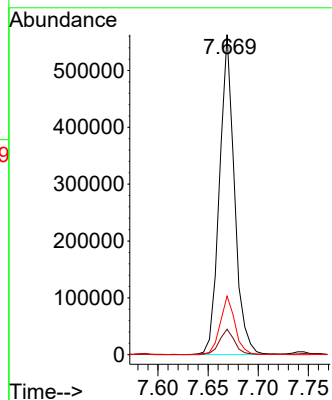
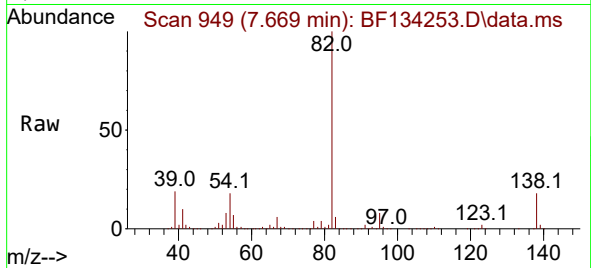




#25
Isophorone
Concen: 44.023 ng
RT: 7.669 min Scan# 94
Delta R.T. 0.006 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

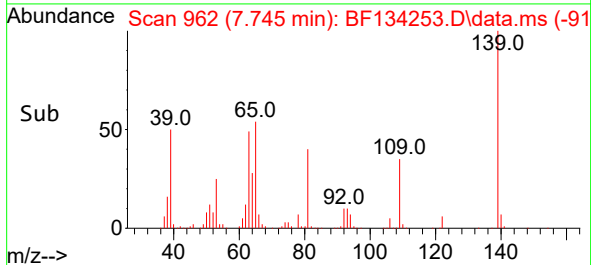
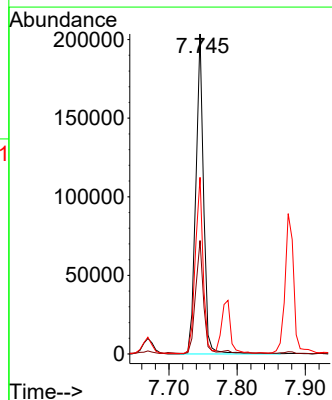
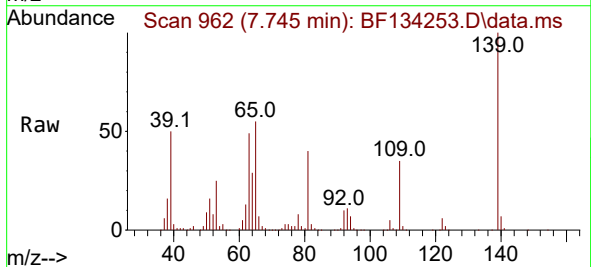
Instrument :
BNA_F
ClientSampleId :
ETGI-369MS

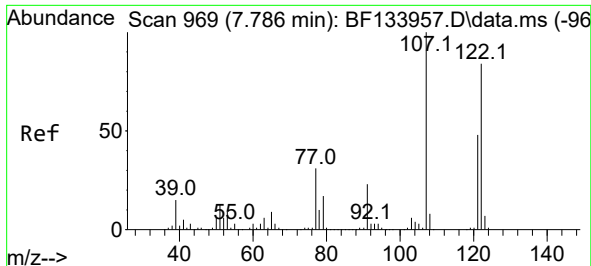
Tgt Ion: 82 Resp: 583521
Ion Ratio Lower Upper
82 100
95 8.0 6.1 9.1
138 18.3 15.2 22.8



#26
2-Nitrophenol
Concen: 45.802 ng
RT: 7.745 min Scan# 962
Delta R.T. 0.000 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:139 Resp: 161932
Ion Ratio Lower Upper
139 100
109 35.4 25.8 38.8
65 55.2 42.4 63.6

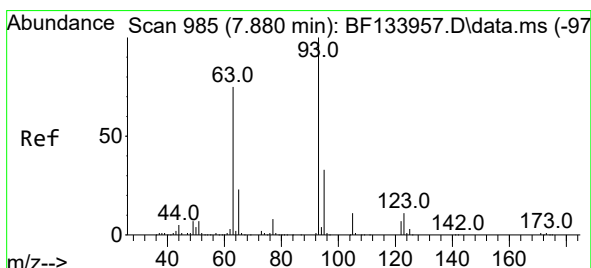
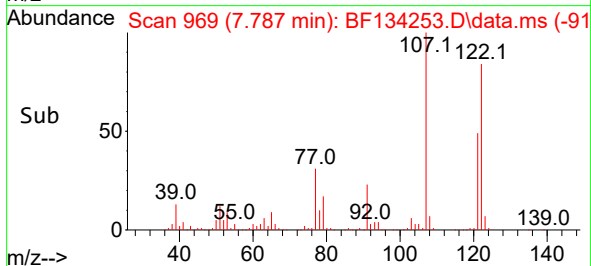
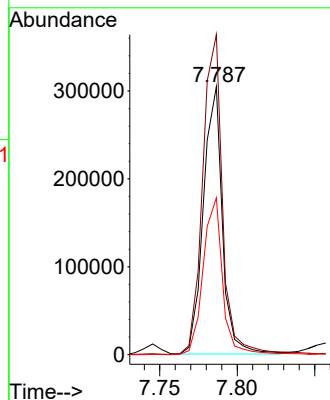
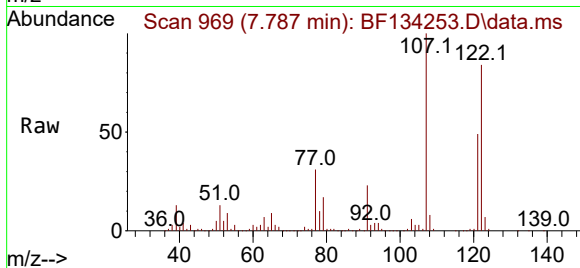




#27
2,4-Dimethylphenol
Concen: 46.395 ng
RT: 7.787 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

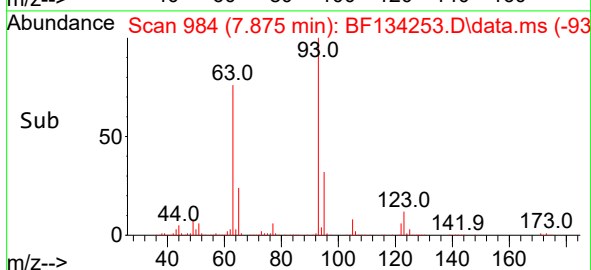
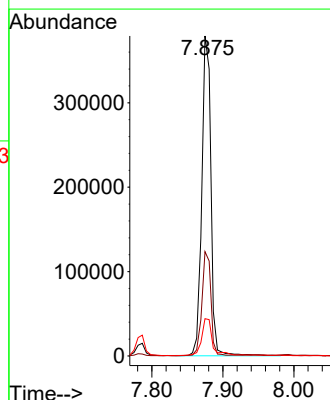
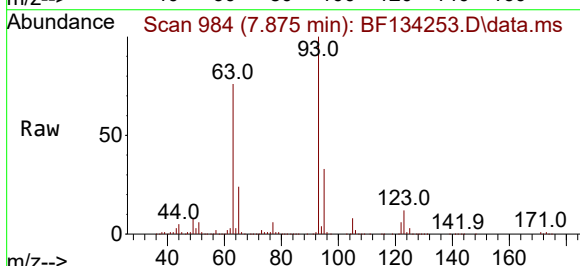
Instrument :
BNA_F
ClientSampleId :
ETGI-369MS

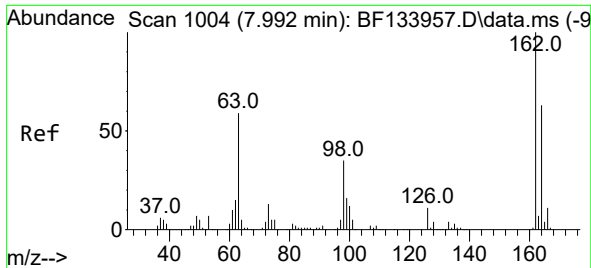
Tgt Ion:122 Resp: 259647
Ion Ratio Lower Upper
122 100
107 119.4 95.5 143.3
121 58.5 45.5 68.3



#28
bis(2-Chloroethoxy)methane
Concen: 44.409 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.000 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion: 93 Resp: 340840
Ion Ratio Lower Upper
93 100
95 32.6 26.5 39.7
123 11.7 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 44.845 ng

RT: 7.987 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BF134253.D

Acq: 12 Jul 2023 18:38

Instrument :

BNA_F

ClientSampleId :

ETGI-369MS

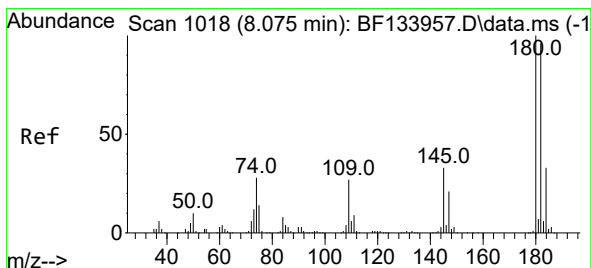
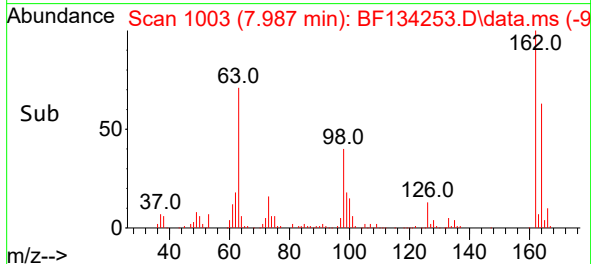
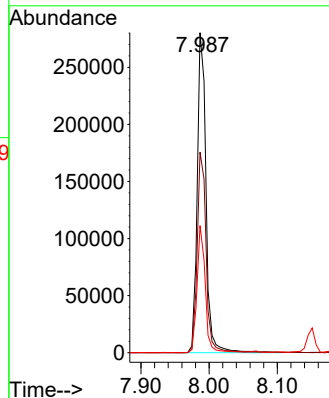
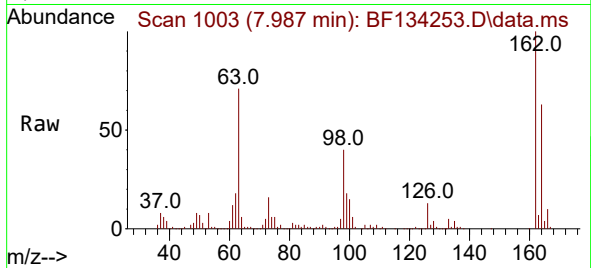
Tgt Ion:162 Resp: 248867

Ion Ratio Lower Upper

162 100

164 62.7 43.2 83.2

98 39.7 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 46.678 ng

RT: 8.069 min Scan# 1017

Delta R.T. 0.000 min

Lab File: BF134253.D

Acq: 12 Jul 2023 18:38

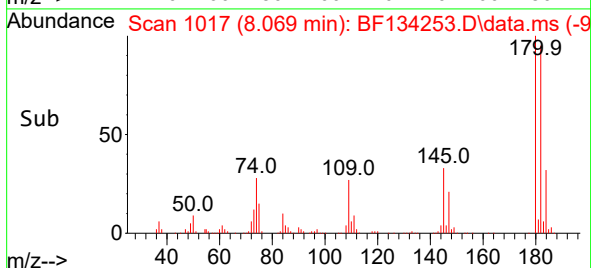
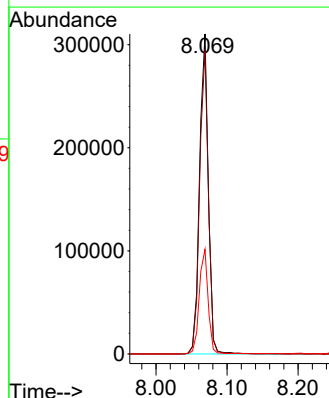
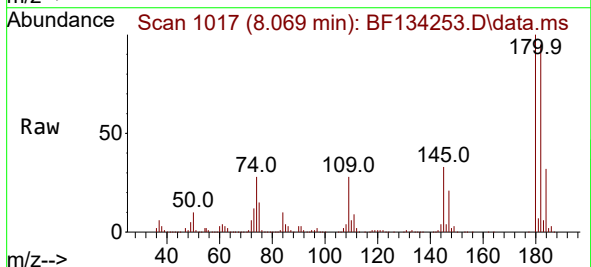
Tgt Ion:180 Resp: 267285

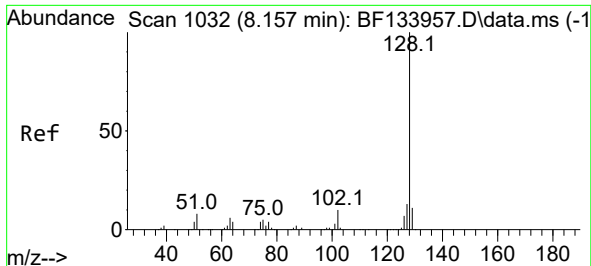
Ion Ratio Lower Upper

180 100

182 94.9 77.1 115.7

145 32.7 26.0 39.0

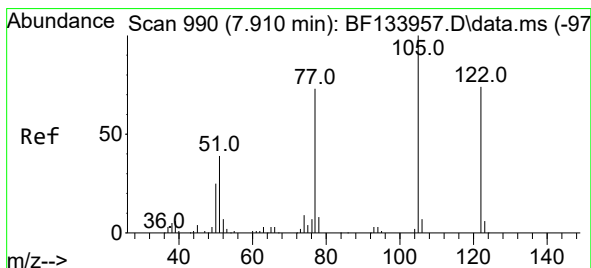
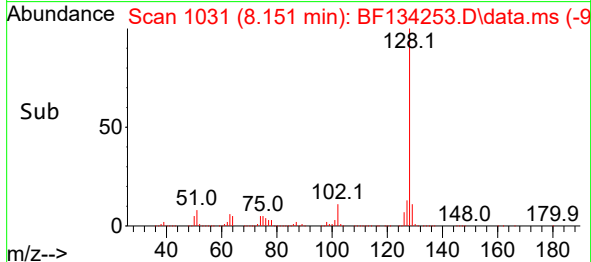
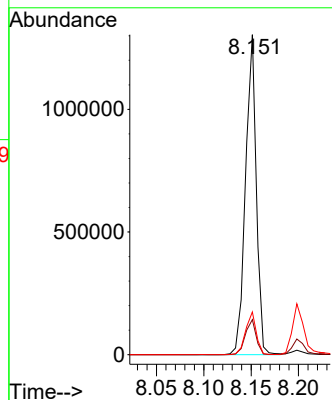
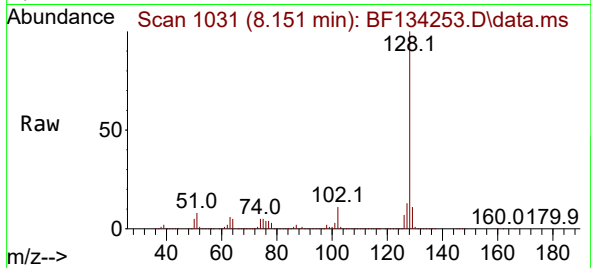




#31
Naphthalene
Concen: 54.204 ng
RT: 8.151 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

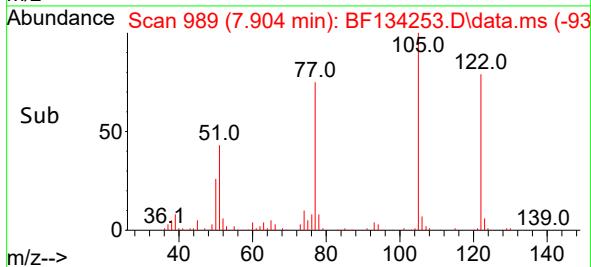
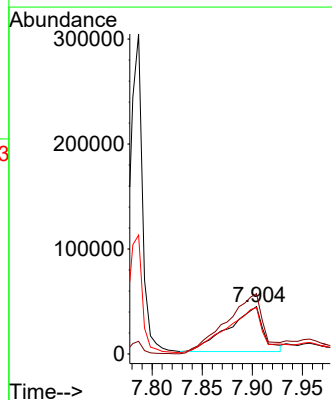
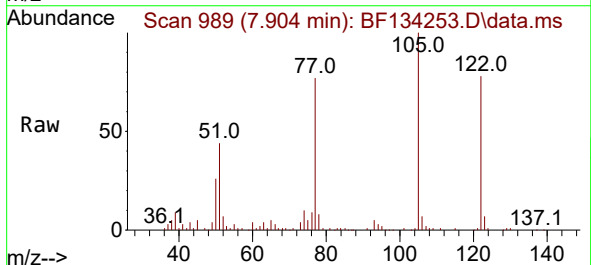
Instrument :
BNA_F
ClientSampleId :
ETGI-369MS

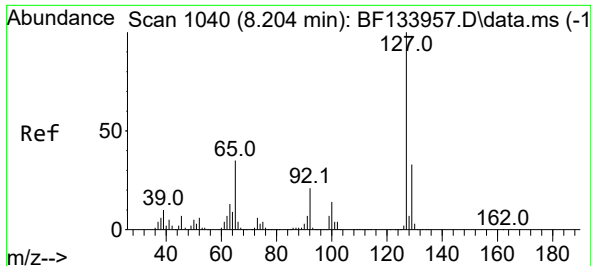
Tgt Ion:128 Resp: 1029331
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.4 10.6 15.8



#32
Benzoic acid
Concen: 24.778 ng
RT: 7.904 min Scan# 989
Delta R.T. 0.012 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:122 Resp: 103908
Ion Ratio Lower Upper
122 100
105 127.4 109.7 149.7
77 97.9 76.0 116.0

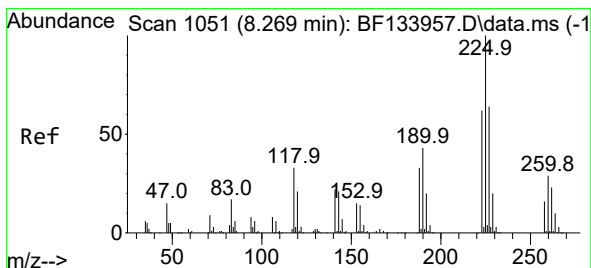
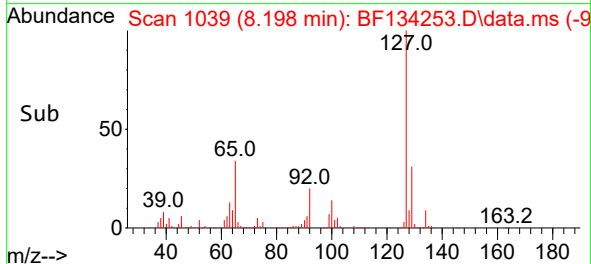
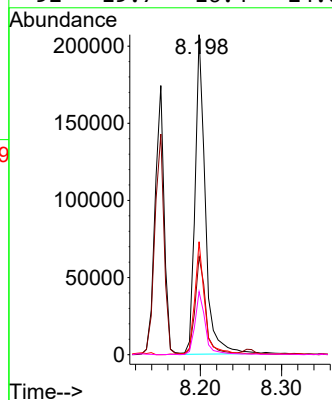
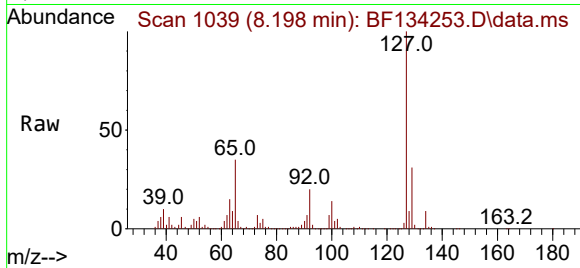




#33
4-Chloroaniline
Concen: 22.390 ng
RT: 8.198 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

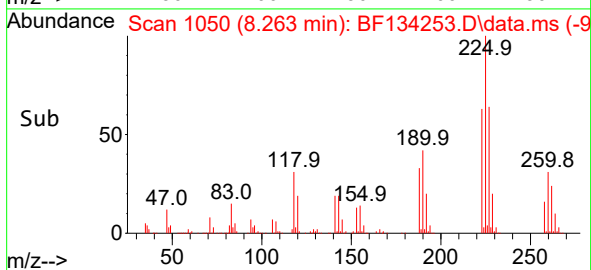
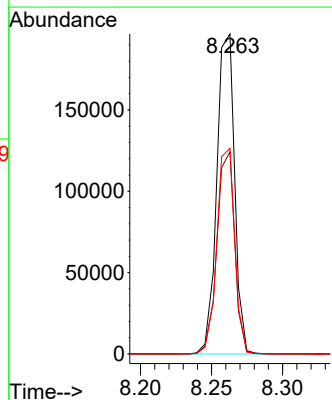
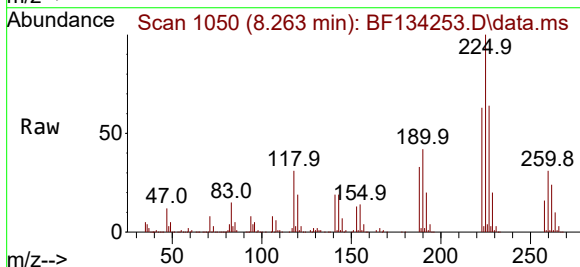
Instrument :
BNA_F
ClientSampleId :
ETGI-369MS

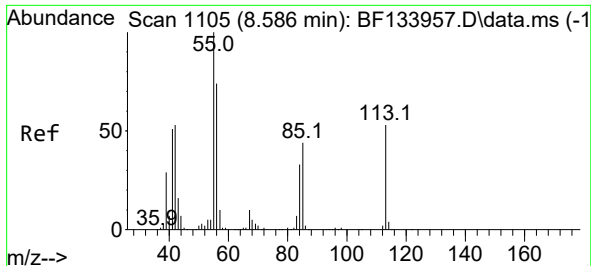
Tgt Ion:	127	Resp:	181878
Ion	Ratio	Lower	Upper
127	100		
129	30.7	26.4	39.6
65	35.3	27.8	41.8
92	19.7	16.4	24.6



#34
Hexachlorobutadiene
Concen: 47.516 ng
RT: 8.263 min Scan# 1050
Delta R.T. 0.000 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:	225	Resp:	171632
Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.8	74.8
227	64.3	51.0	76.4

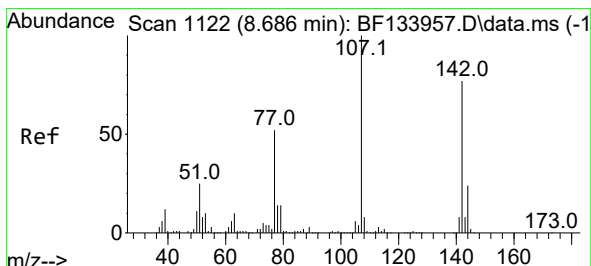
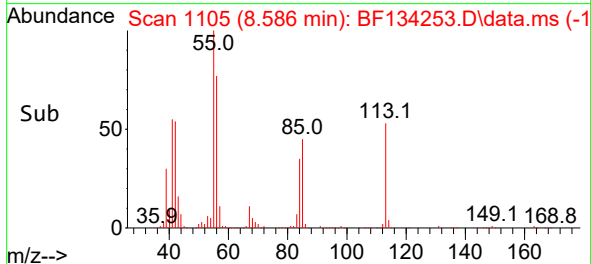
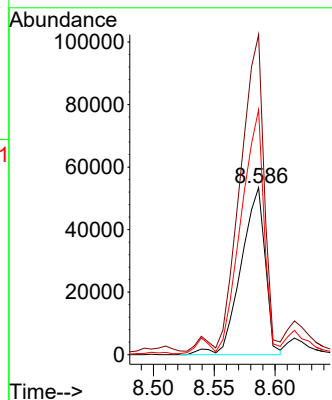
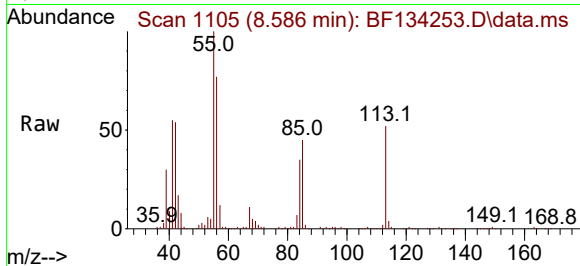




#35
Caprolactam
Concen: 40.141 ng
RT: 8.586 min Scan# 1105
Delta R.T. 0.012 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

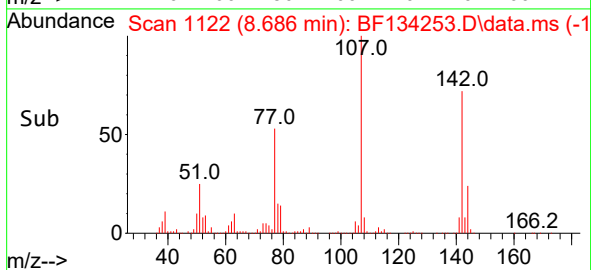
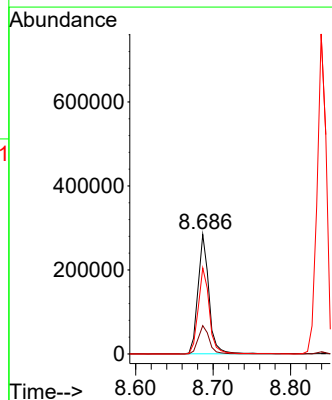
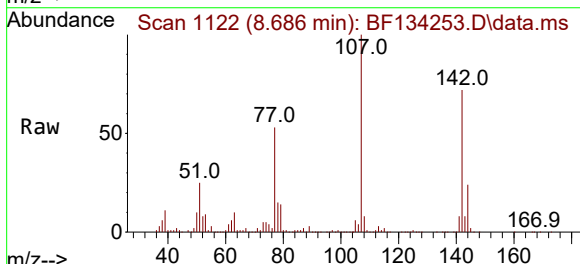
Instrument :
BNA_F
ClientSampleId :
ETGI-369MS

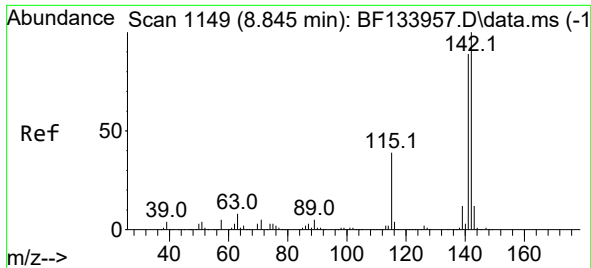
Tgt Ion:113 Resp: 73348
Ion Ratio Lower Upper
113 100
55 191.5 170.2 210.2
56 146.5 121.4 161.4



#36
4-Chloro-3-methylphenol
Concen: 44.821 ng
RT: 8.686 min Scan# 1122
Delta R.T. 0.006 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:107 Resp: 279428
Ion Ratio Lower Upper
107 100
144 23.7 19.6 29.4
142 72.0 61.4 92.2

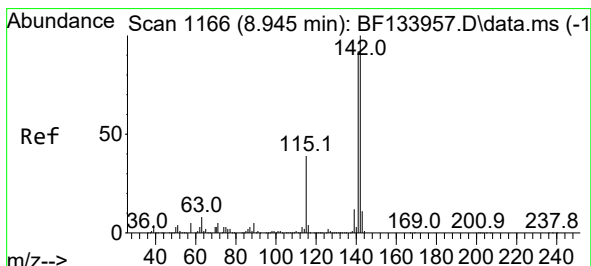
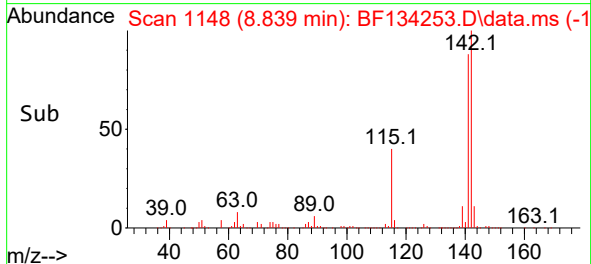
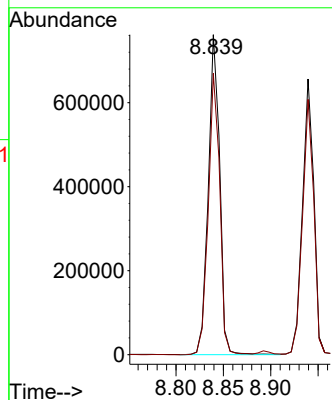
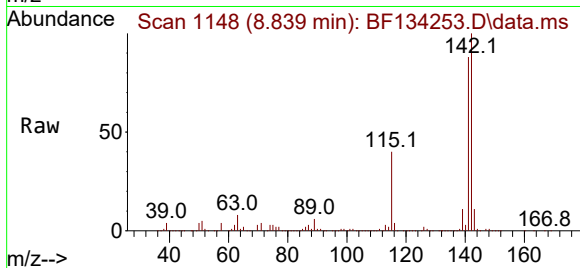




#37
2-Methylnaphthalene
Concen: 47.085 ng
RT: 8.839 min Scan# 1149
Delta R.T. 0.000 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

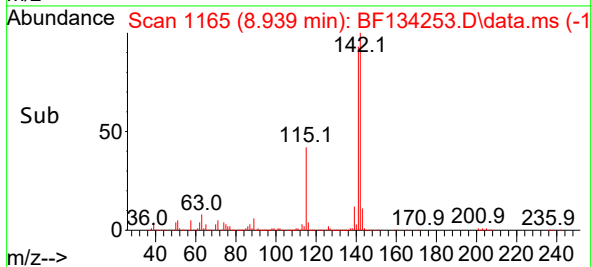
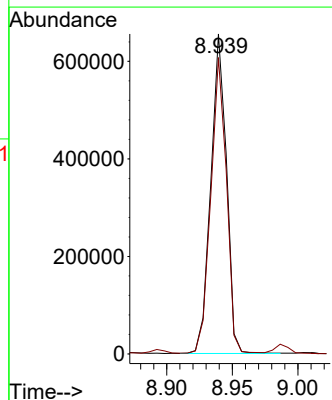
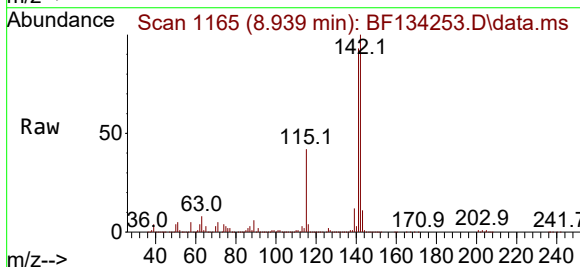
Instrument :
BNA_F
ClientSampleId :
ETGI-369MS

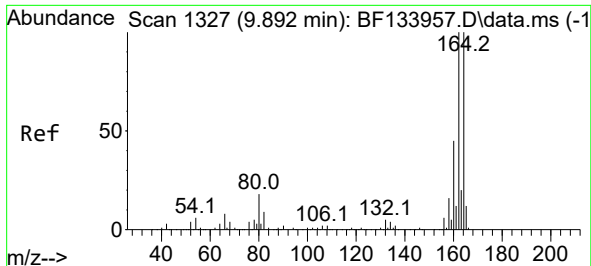
Tgt Ion:142 Resp: 632296
Ion Ratio Lower Upper
142 100
141 87.9 71.0 106.4



#38
1-Methylnaphthalene
Concen: 43.662 ng
RT: 8.939 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:142 Resp: 545081
Ion Ratio Lower Upper
142 100
141 92.6 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF134253.D

Acq: 12 Jul 2023 18:38

Instrument :

BNA_F

ClientSampleId :

ETGI-369MS

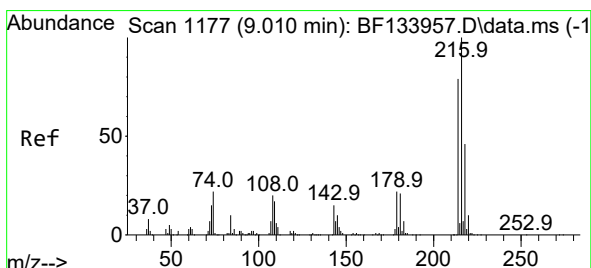
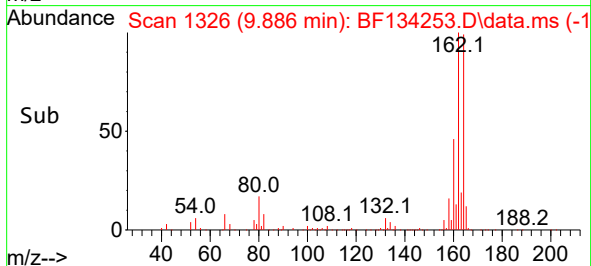
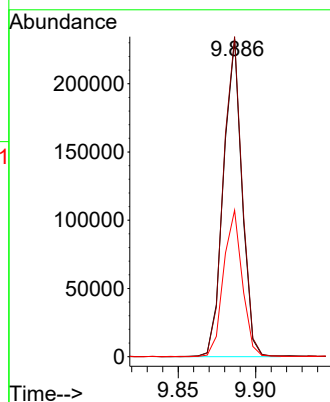
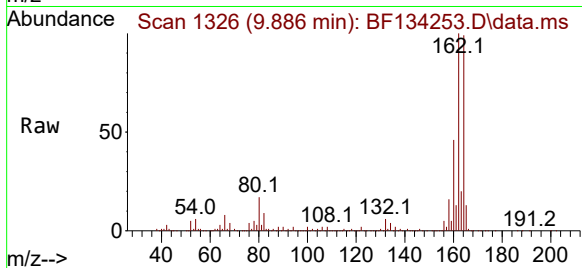
Tgt Ion:164 Resp: 193251

Ion Ratio Lower Upper

164 100

162 100.8 80.0 120.0

160 46.1 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.255 ng

RT: 9.010 min Scan# 1177

Delta R.T. 0.006 min

Lab File: BF134253.D

Acq: 12 Jul 2023 18:38

Tgt Ion:216 Resp: 270553

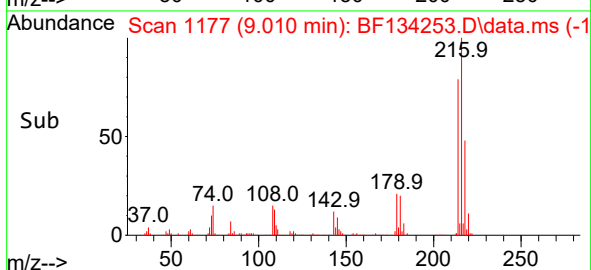
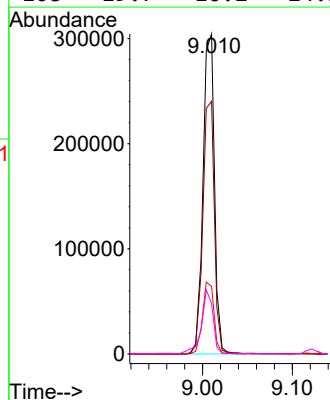
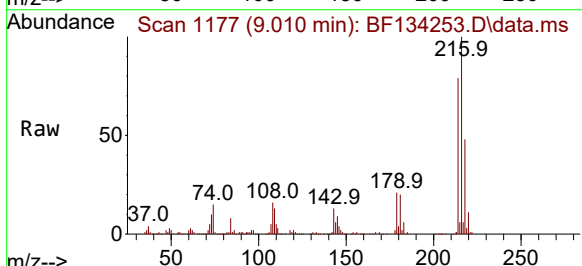
Ion Ratio Lower Upper

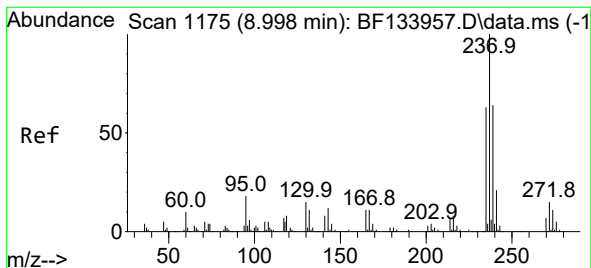
216 100

214 80.0 64.1 96.1

179 22.5 17.3 25.9

108 19.7 16.2 24.2





#41

Hexachlorocyclopentadiene

Concen: 42.477 ng

RT: 8.986 min Scan# 1173

Delta R.T. 0.000 min

Lab File: BF134253.D

Acq: 12 Jul 2023 18:38

Instrument :

BNA_F

ClientSampleId :

ETGI-369MS

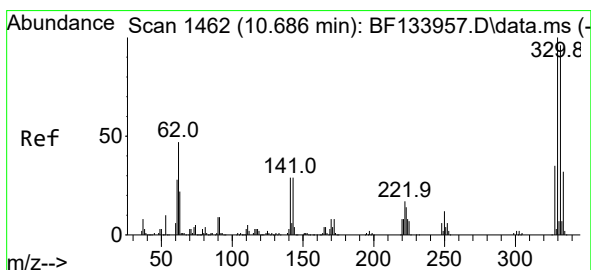
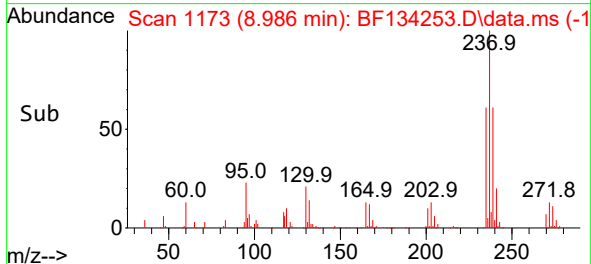
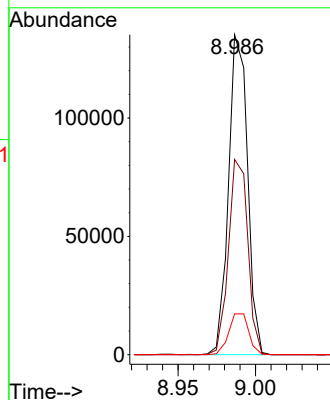
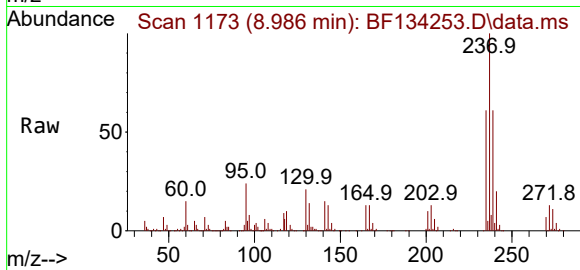
Tgt Ion:237 Resp: 115377

Ion Ratio Lower Upper

237 100

235 61.0 42.8 82.8

272 12.7 0.0 34.6



#42

2,4,6-Tribromophenol

Concen: 66.837 ng

RT: 10.680 min Scan# 1461

Delta R.T. 0.000 min

Lab File: BF134253.D

Acq: 12 Jul 2023 18:38

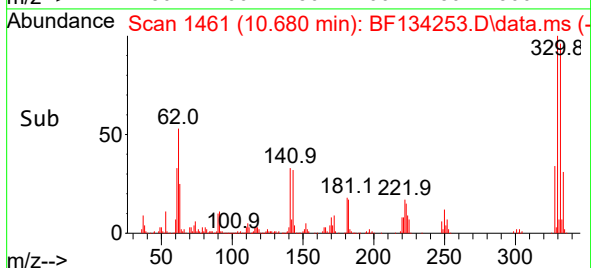
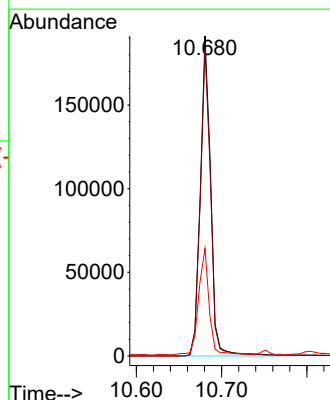
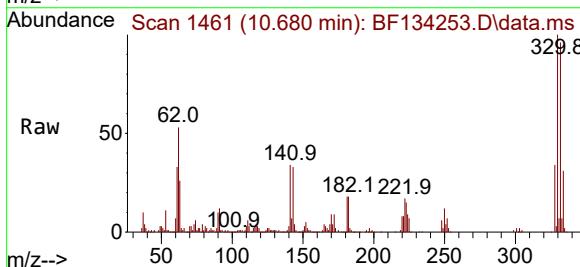
Tgt Ion:330 Resp: 161946

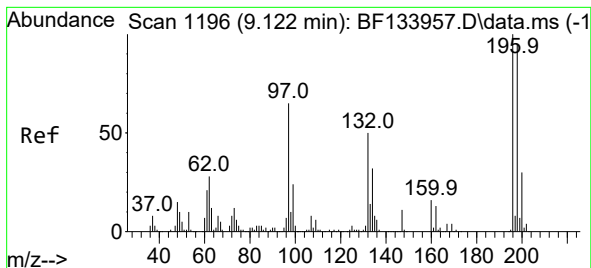
Ion Ratio Lower Upper

330 100

332 95.7 77.0 115.6

141 33.6 26.3 39.5





#43

2,4,6-Trichlorophenol

Concen: 43.944 ng

RT: 9.122 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BF134253.D

Acq: 12 Jul 2023 18:38

Instrument :

BNA_F

ClientSampleId :

ETGI-369MS

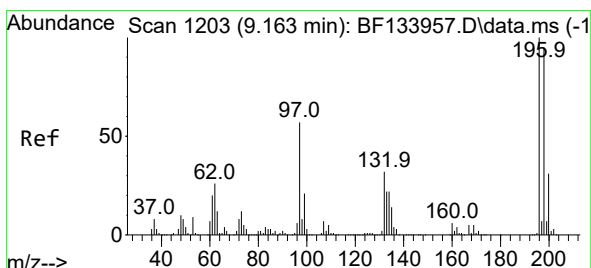
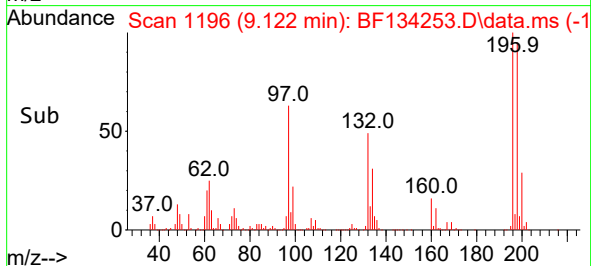
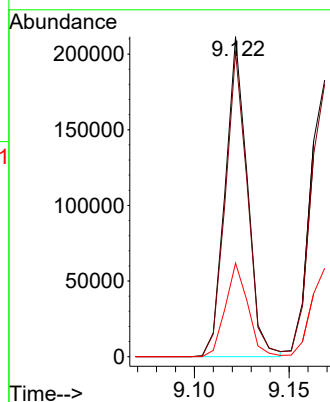
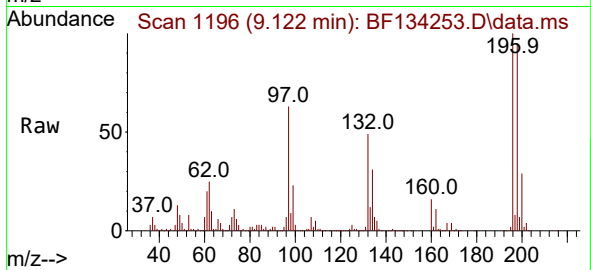
Tgt Ion:196 Resp: 171271

Ion Ratio Lower Upper

196 100

198 95.4 75.6 113.4

200 29.3 24.4 36.6



#44

2,4,5-Trichlorophenol

Concen: 39.108 ng

RT: 9.169 min Scan# 1204

Delta R.T. 0.006 min

Lab File: BF134253.D

Acq: 12 Jul 2023 18:38

Tgt Ion:196 Resp: 179293

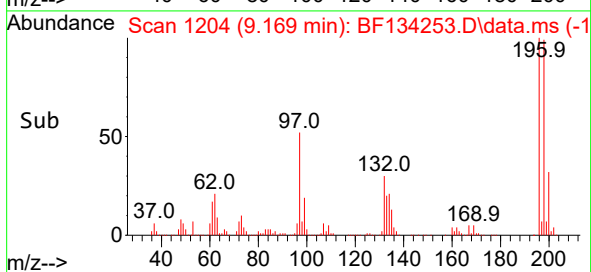
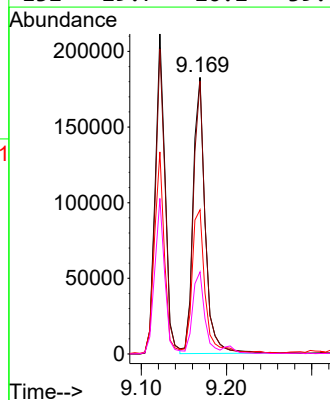
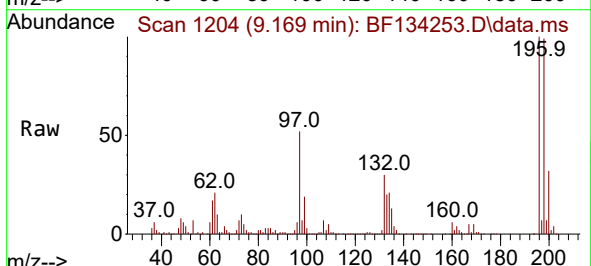
Ion Ratio Lower Upper

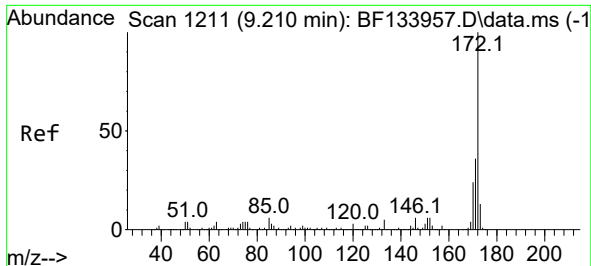
196 100

198 98.6 75.7 113.5

97 52.1 45.8 68.6

132 29.7 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 57.073 ng

RT: 9.204 min Scan# 1210

Delta R.T. 0.000 min

Lab File: BF134253.D

Acq: 12 Jul 2023 18:38

Instrument :

BNA_F

ClientSampleId :

ETGI-369MS

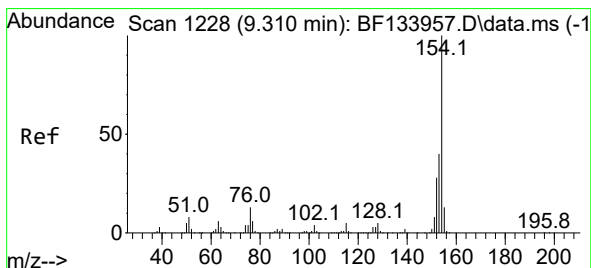
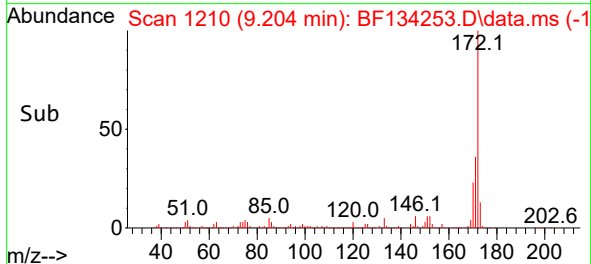
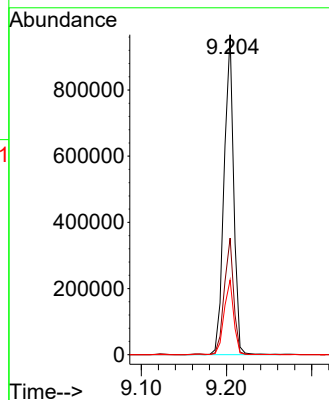
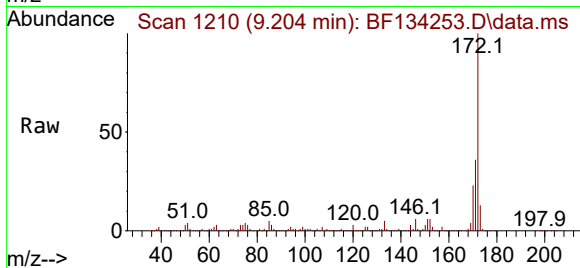
Tgt Ion:172 Resp: 758611

Ion Ratio Lower Upper

172 100

171 36.5 28.6 43.0

170 23.4 19.4 29.0



#46

1,1'-Biphenyl

Concen: 47.238 ng

RT: 9.304 min Scan# 1227

Delta R.T. 0.000 min

Lab File: BF134253.D

Acq: 12 Jul 2023 18:38

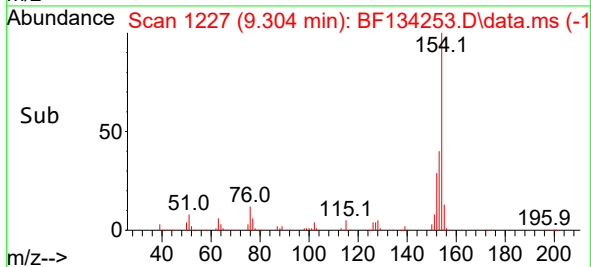
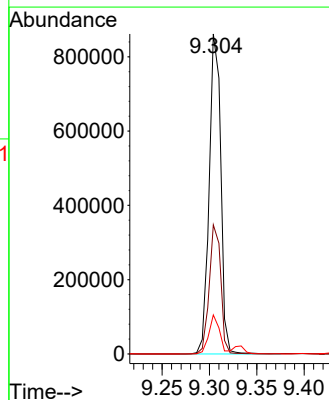
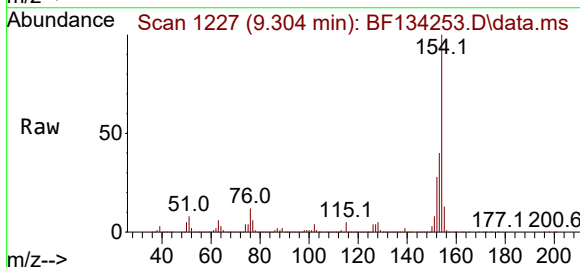
Tgt Ion:154 Resp: 732283

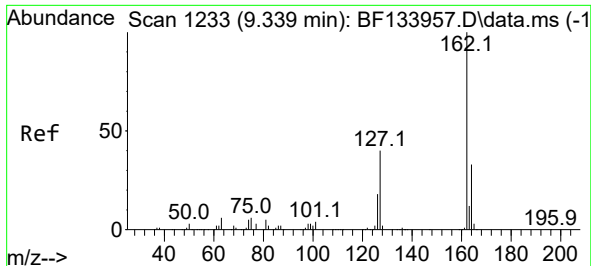
Ion Ratio Lower Upper

154 100

153 40.4 19.8 59.8

76 12.2 0.0 32.9

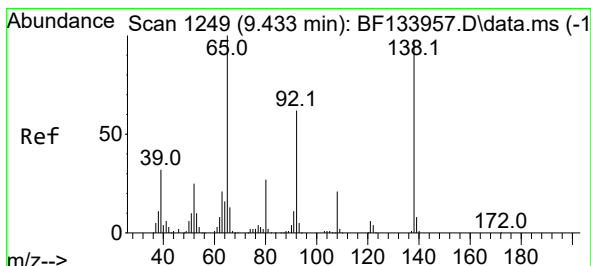
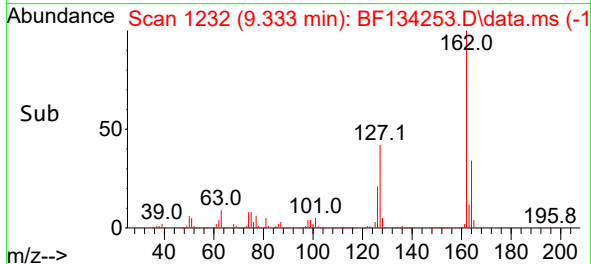
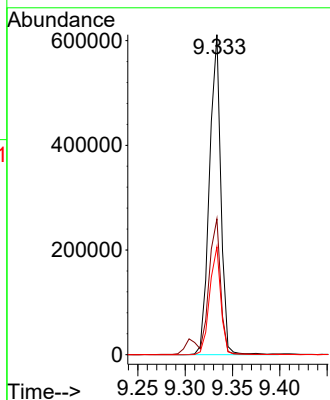
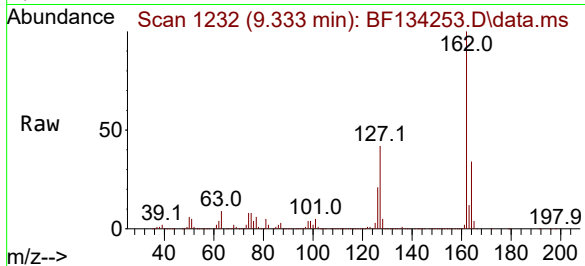




#47
2-Chloronaphthalene
Concen: 45.131 ng
RT: 9.333 min Scan# 1233
Delta R.T. 0.000 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

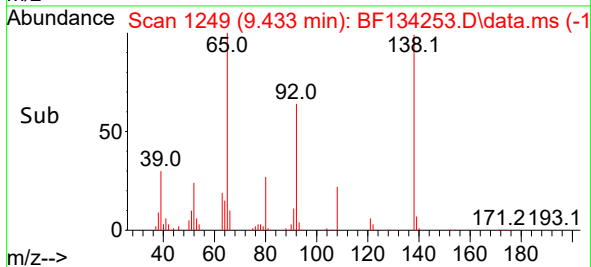
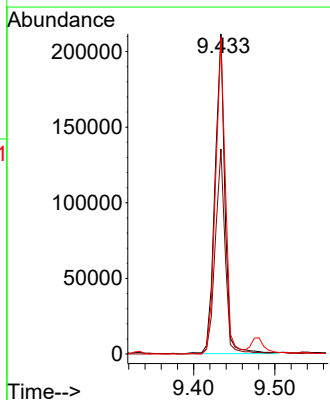
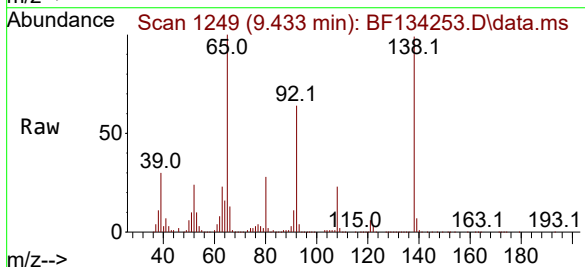
Instrument :
BNA_F
ClientSampleId :
ETGI-369MS

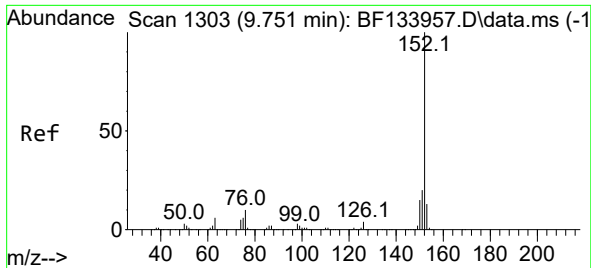
Tgt Ion:162 Resp: 511883
Ion Ratio Lower Upper
162 100
127 42.4 32.9 49.3
164 33.7 26.1 39.1



#48
2-Nitroaniline
Concen: 43.440 ng
RT: 9.433 min Scan# 1249
Delta R.T. 0.006 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion: 65 Resp: 179563
Ion Ratio Lower Upper
65 100
92 64.0 49.5 74.3
138 98.9 78.0 117.0

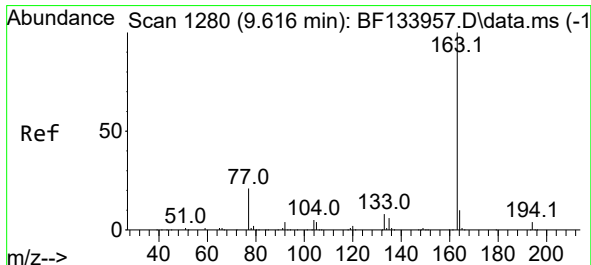
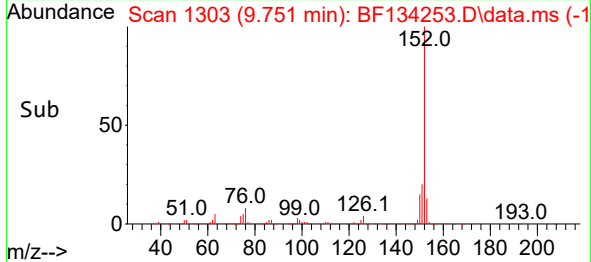
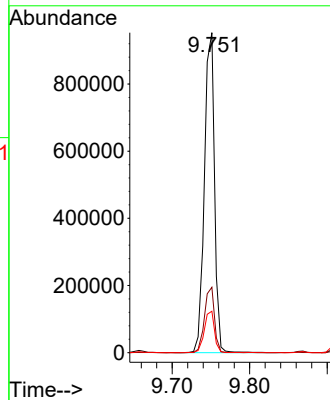
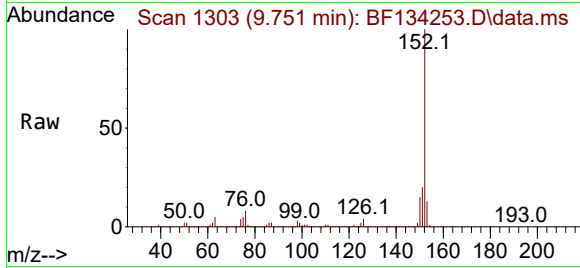




#49
Acenaphthylene
Concen: 44.623 ng
RT: 9.751 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

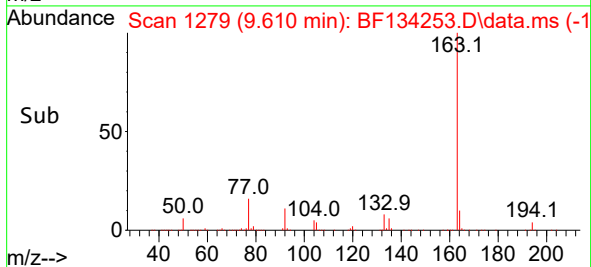
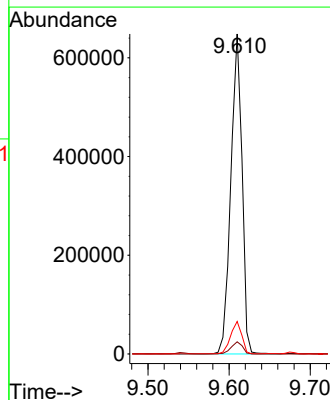
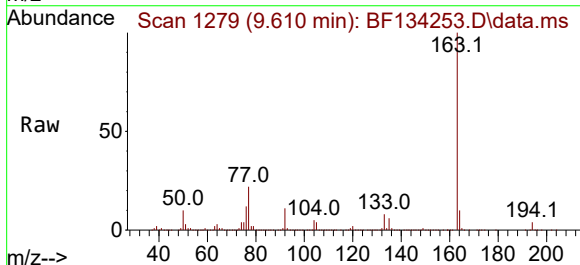
Instrument :
BNA_F
ClientSampleId :
ETGI-369MS

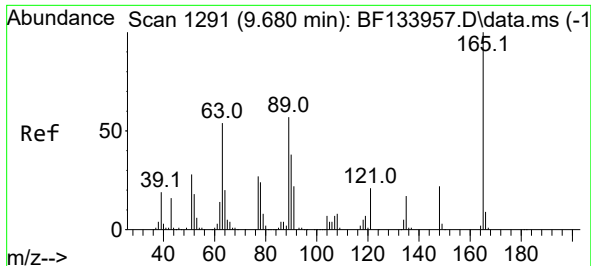
Tgt Ion:152 Resp: 864588
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.2
153 13.0 10.8 16.2



#50
Dimethylphthalate
Concen: 44.214 ng
RT: 9.610 min Scan# 1279
Delta R.T. 0.000 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:163 Resp: 620239
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.1 8.2 12.2

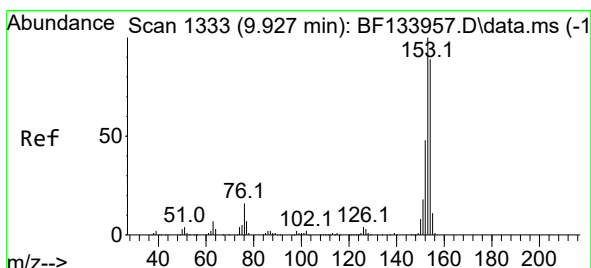
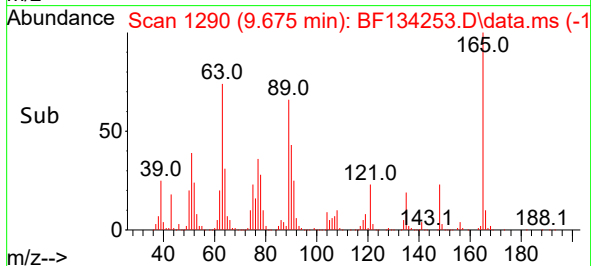
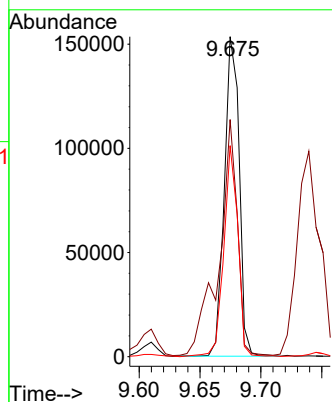
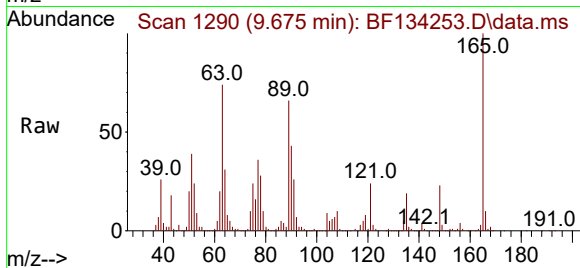




#51
2,6-Dinitrotoluene
Concen: 43.047 ng
RT: 9.675 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

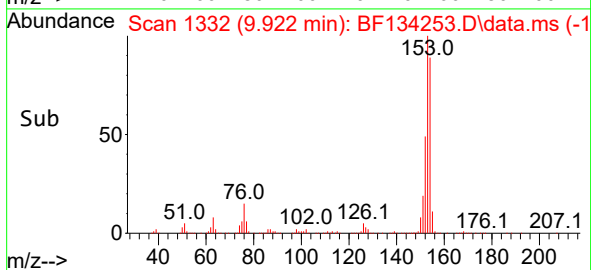
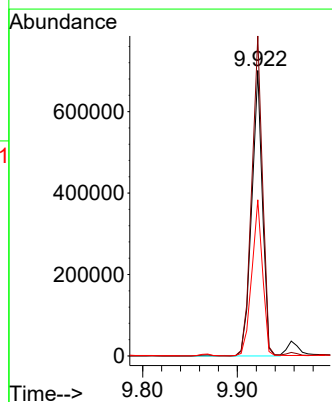
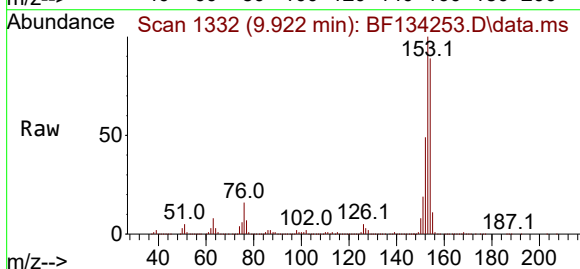
Instrument :
BNA_F
ClientSampleId :
ETGI-369MS

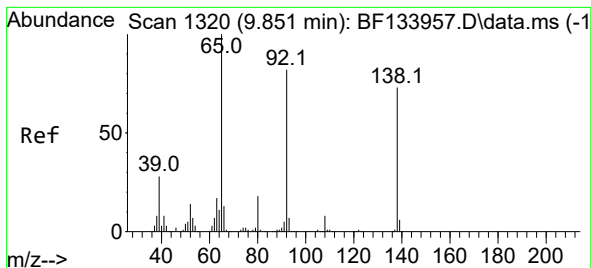
Tgt Ion:165 Resp: 130064
Ion Ratio Lower Upper
165 100
63 74.1 48.5 72.7#
89 65.9 45.5 68.3



#52
Acenaphthene
Concen: 49.554 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.000 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:154 Resp: 557118
Ion Ratio Lower Upper
154 100
153 112.1 89.4 134.2
152 54.7 42.8 64.2





#53

3-Nitroaniline

Concen: 33.193 ng

RT: 9.845 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134253.D

Acq: 12 Jul 2023 18:38

Instrument :

BNA_F

ClientSampleId :

ETGI-369MS

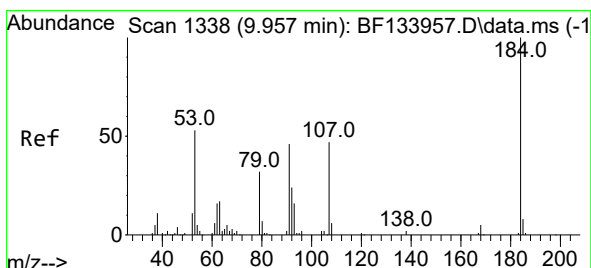
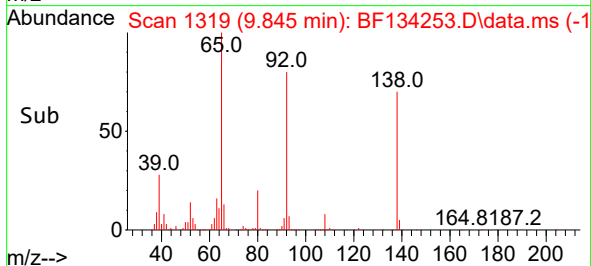
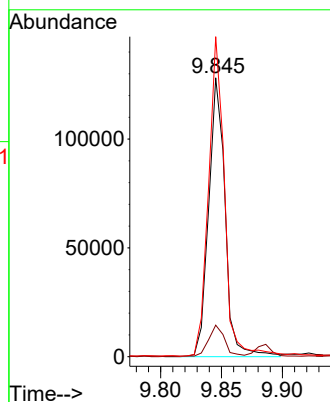
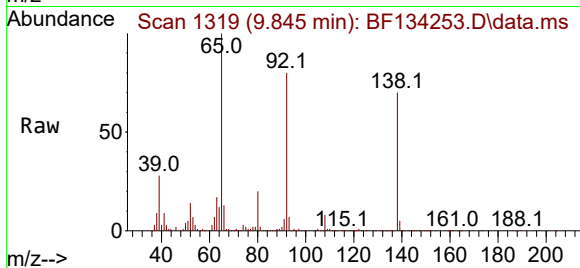
Tgt Ion:138 Resp: 120316

Ion Ratio Lower Upper

138 100

108 11.3 8.4 12.6

92 114.7 90.1 135.1



#54

2,4-Dinitrophenol

Concen: 29.584 ng

RT: 9.957 min Scan# 1338

Delta R.T. 0.000 min

Lab File: BF134253.D

Acq: 12 Jul 2023 18:38

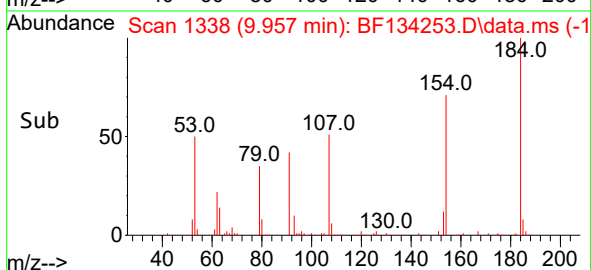
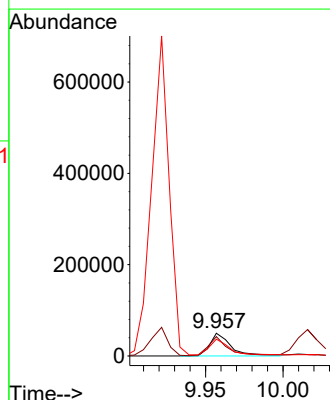
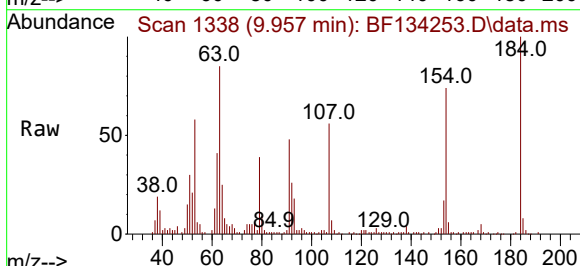
Tgt Ion:184 Resp: 47156

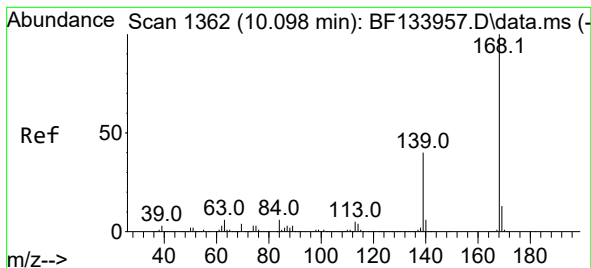
Ion Ratio Lower Upper

184 100

63 85.1 56.9 85.3

154 73.9 55.4 83.0

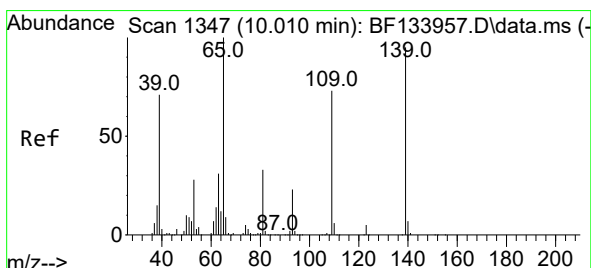
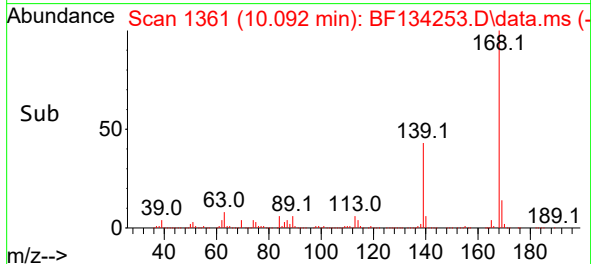
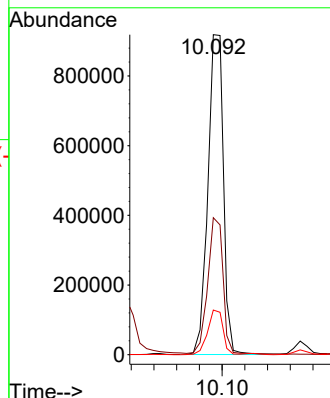
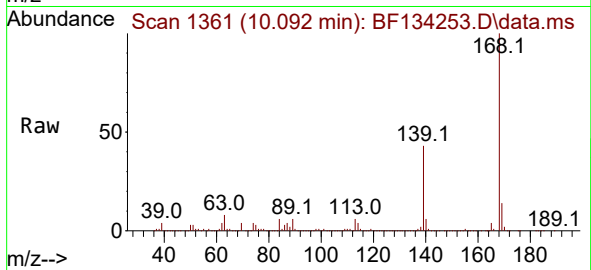




#55
Dibenzenofuran
Concen: 49.628 ng
RT: 10.092 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

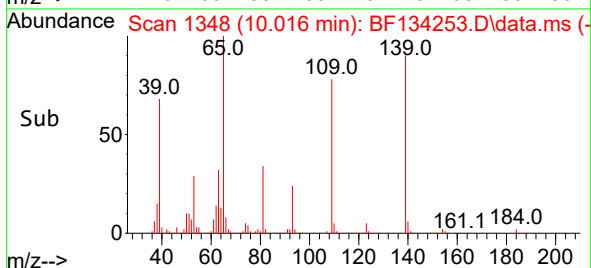
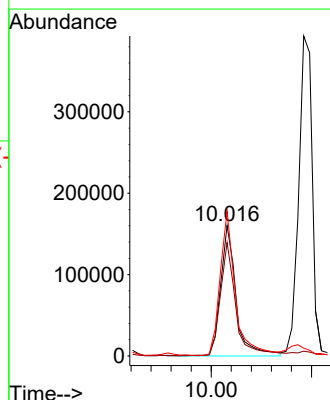
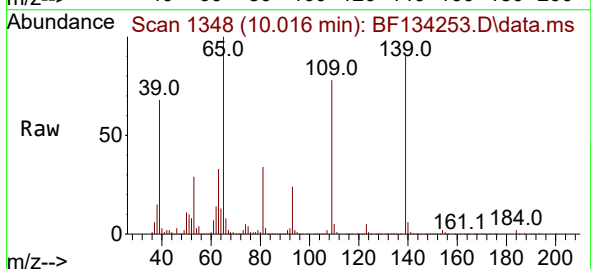
Instrument :
BNA_F
ClientSampleId :
ETGI-369MS

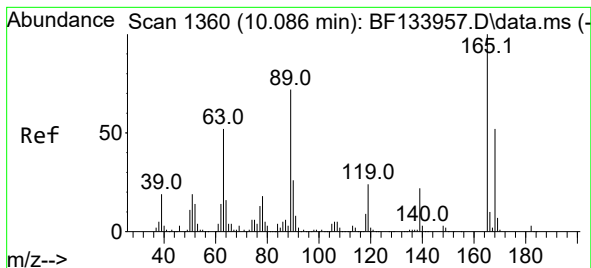
Tgt Ion:168 Resp: 871988
Ion Ratio Lower Upper
168 100
139 42.8 32.0 48.0
169 14.0 10.6 16.0



#56
4-Nitrophenol
Concen: 67.933 ng
RT: 10.016 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:139 Resp: 172239
Ion Ratio Lower Upper
139 100
109 87.1 56.8 96.8
65 111.2 86.1 126.1

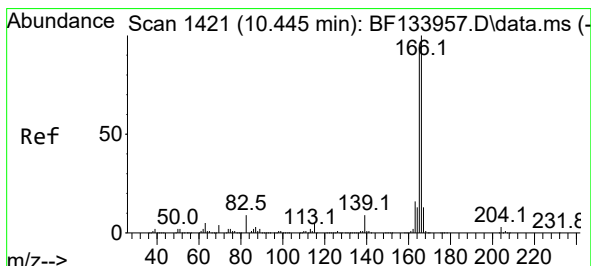
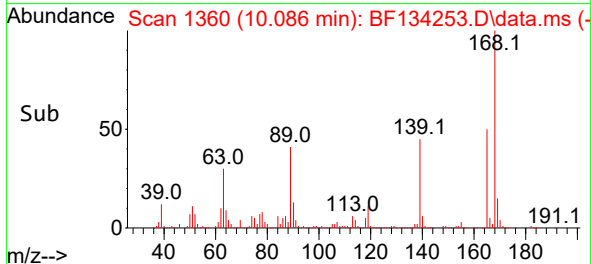
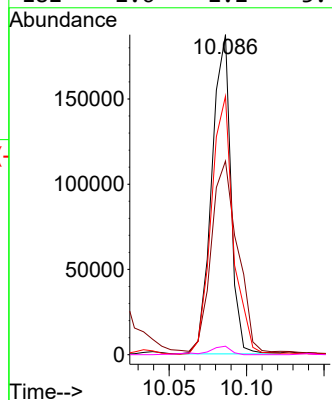
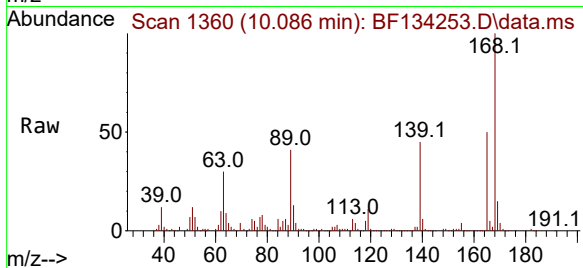




#57
2,4-Dinitrotoluene
Concen: 40.118 ng
RT: 10.086 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

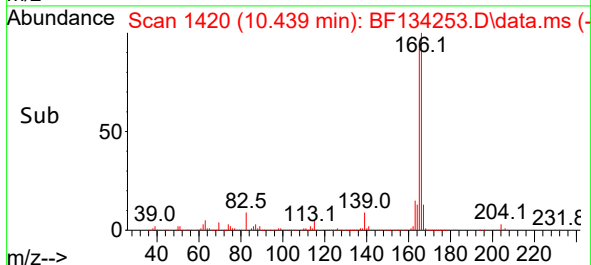
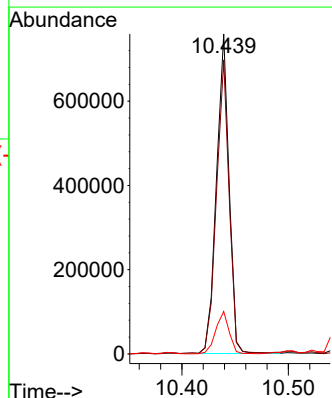
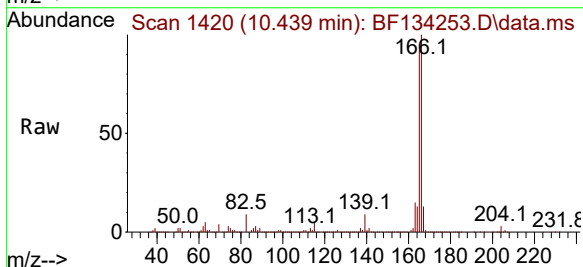
Instrument :
BNA_F
ClientSampleId :
ETGI-369MS

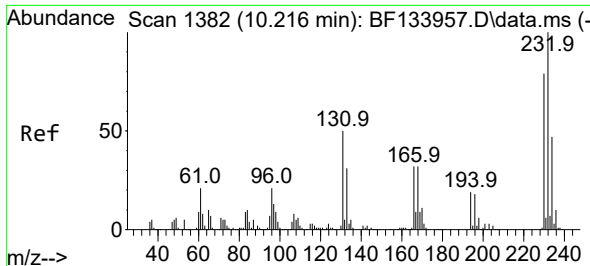
Tgt Ion:165 Resp: 160078
Ion Ratio Lower Upper
165 100
63 60.5 42.2 63.2
89 80.8 57.4 86.2
182 2.6 2.2 3.4



#58
Fluorene
Concen: 45.440 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:166 Resp: 621143
Ion Ratio Lower Upper
166 100
165 91.9 75.0 112.4
167 13.2 10.6 15.8

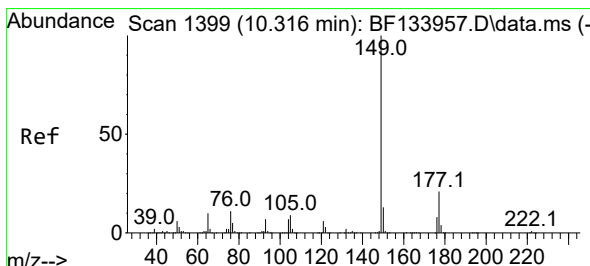
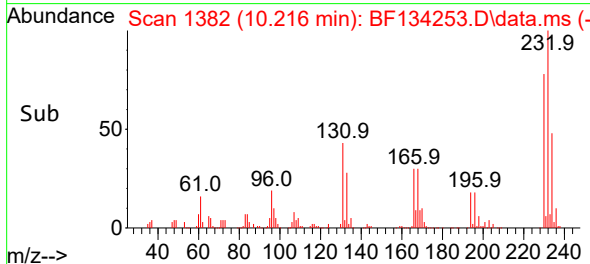
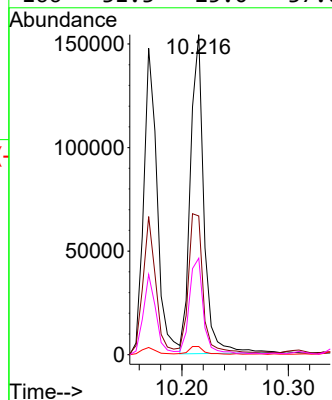
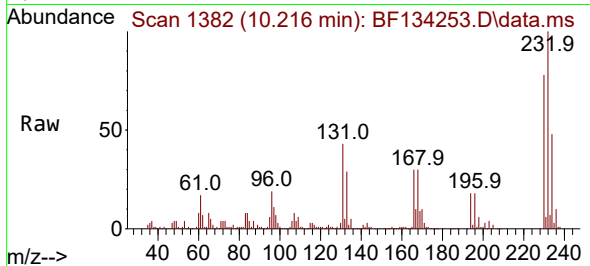




#59
2,3,4,6-Tetrachlorophenol
Concen: 37.455 ng
RT: 10.216 min Scan# 1382
Delta R.T. 0.006 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

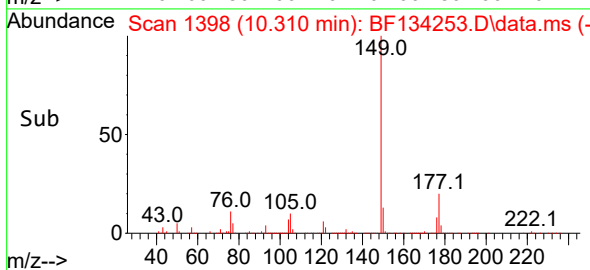
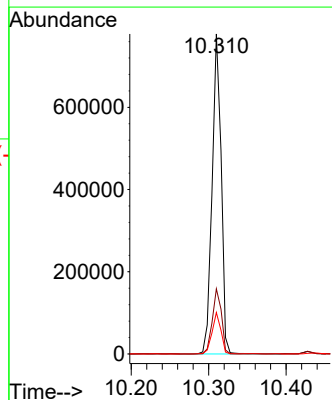
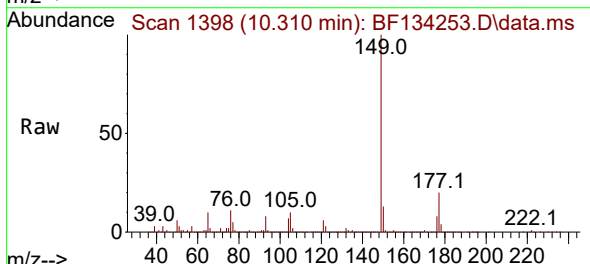
Instrument :
BNA_F
ClientSampleId :
ETGI-369MS

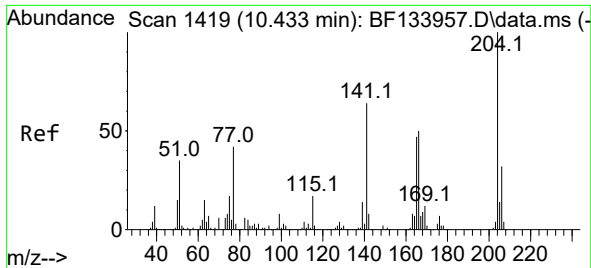
Tgt Ion:232 Resp: 135449
Ion Ratio Lower Upper
232 100
131 46.8 39.3 58.9
130 2.8 1.8 2.6#
166 31.3 25.0 37.6



#60
Diethylphthalate
Concen: 43.124 ng
RT: 10.310 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:149 Resp: 630259
Ion Ratio Lower Upper
149 100
177 20.3 17.0 25.6
150 12.9 10.2 15.2

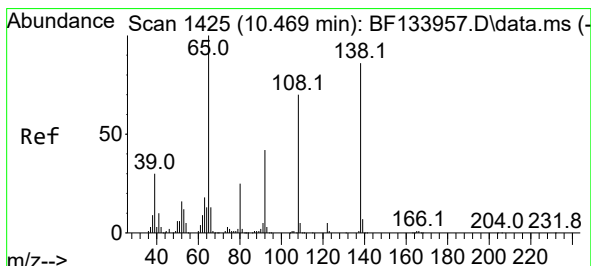
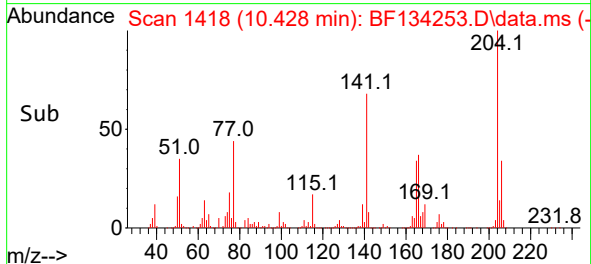
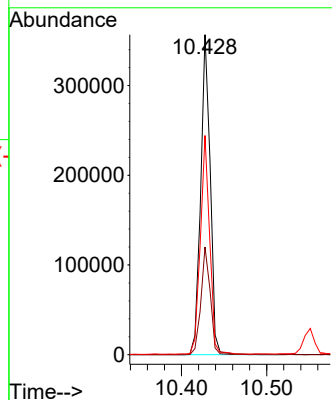
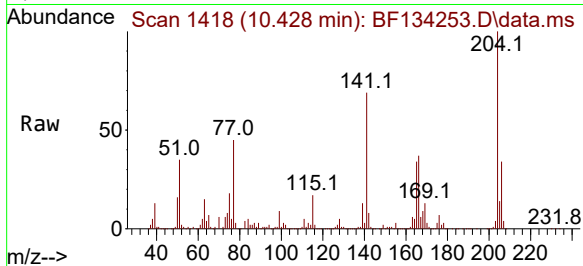




#61
4-Chlorophenyl-phenylether
Concen: 42.088 ng
RT: 10.428 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

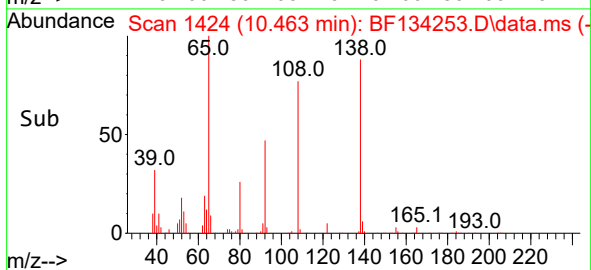
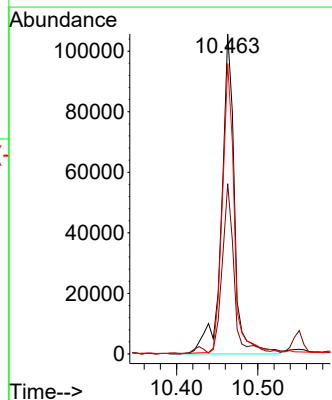
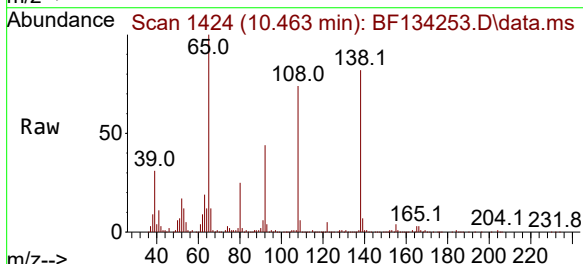
Instrument :
BNA_F
ClientSampleId :
ETGI-369MS

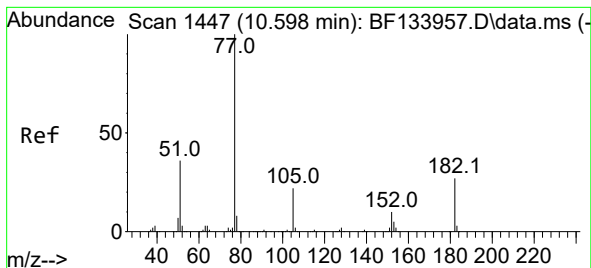
Tgt Ion:204 Resp: 277262
Ion Ratio Lower Upper
204 100
206 33.6 25.8 38.6
141 68.5 51.5 77.3



#62
4-Nitroaniline
Concen: 32.204 ng
RT: 10.463 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:138 Resp: 117639
Ion Ratio Lower Upper
138 100
92 53.2 29.7 69.7
108 90.7 62.1 102.1





#63

Azobenzene

Concen: 42.831 ng

RT: 10.592 min Scan# 1447

Delta R.T. 0.000 min

Lab File: BF134253.D

Acq: 12 Jul 2023 18:38

Instrument :

BNA_F

ClientSampleId :

ETGI-369MS

Tgt Ion: 77 Resp: 592128

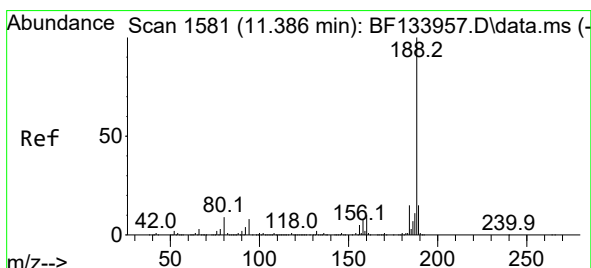
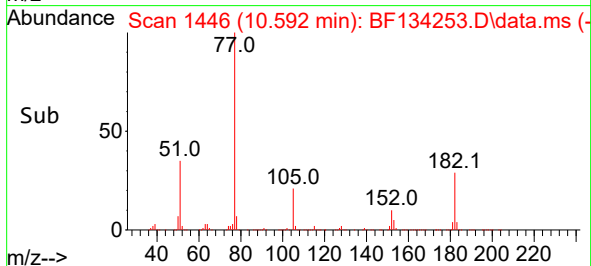
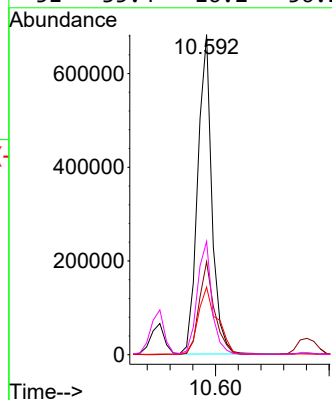
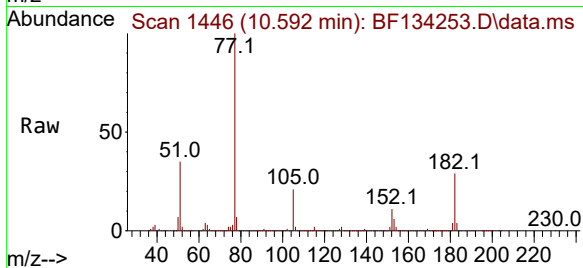
Ion Ratio Lower Upper

77 100

182 29.0 6.8 46.8

105 21.1 2.3 42.3

51 35.4 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: BF134253.D

Acq: 12 Jul 2023 18:38

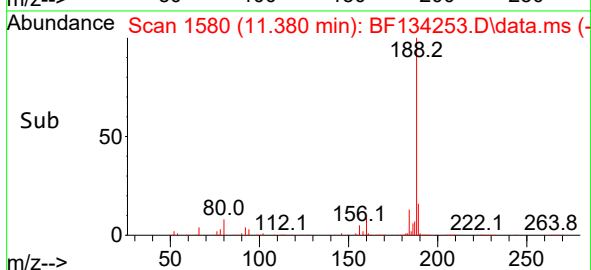
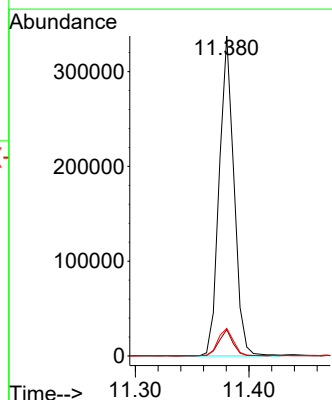
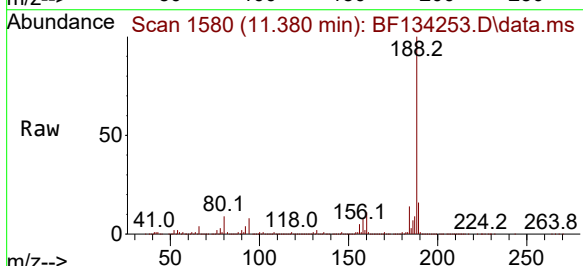
Tgt Ion:188 Resp: 305504

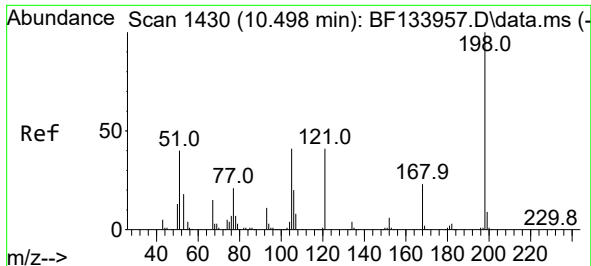
Ion Ratio Lower Upper

188 100

94 8.3 6.4 9.6

80 8.6 7.3 10.9

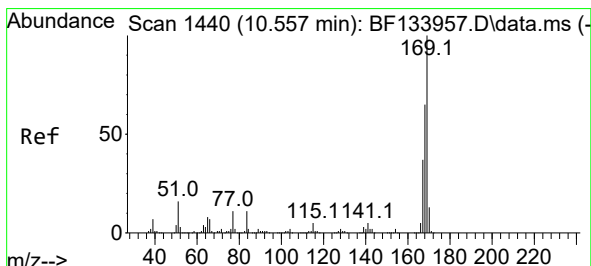
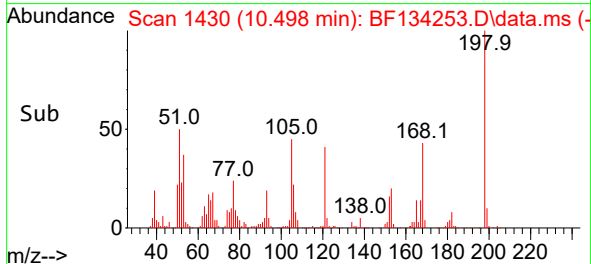
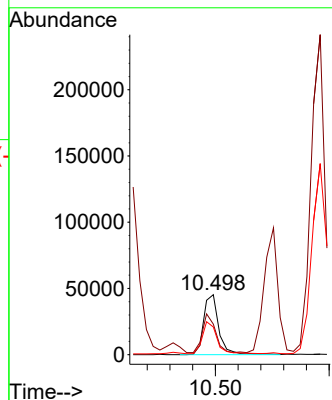
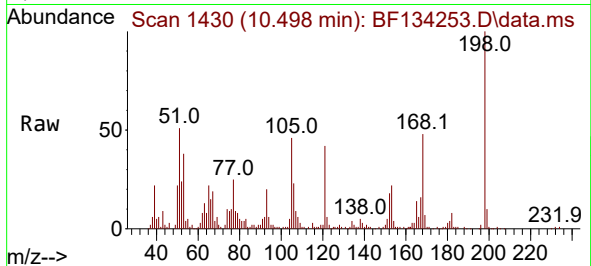




#65
4,6-Dinitro-2-methylphenol
Concen: 25.204 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

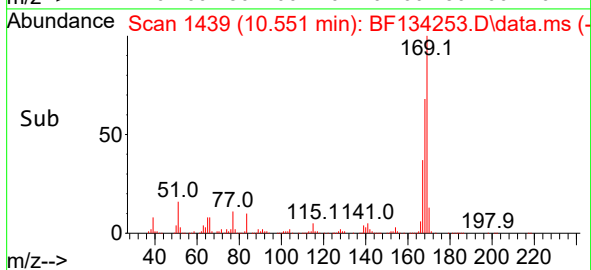
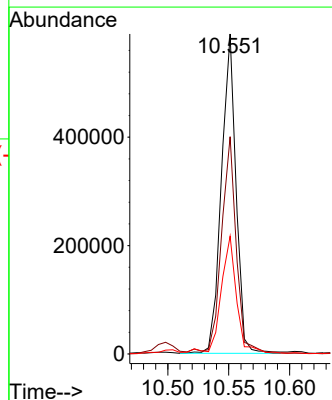
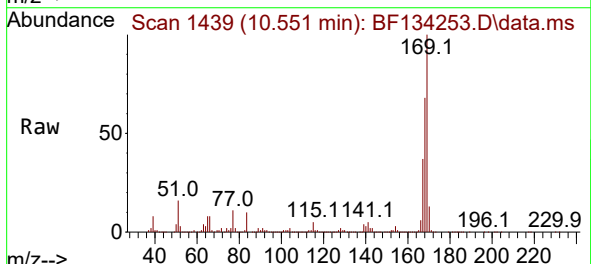
Instrument :
BNA_F
ClientSampleId :
ETGI-369MS

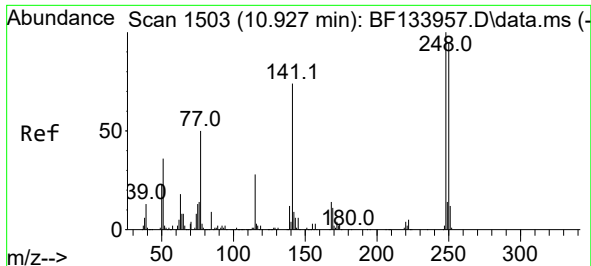
Tgt Ion:198 Resp: 41980
Ion Ratio Lower Upper
198 100
51 51.1 29.3 69.3
105 46.1 22.4 62.4



#66
n-Nitrosodiphenylamine
Concen: 50.630 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:169 Resp: 494200
Ion Ratio Lower Upper
169 100
168 67.9 52.3 78.5
167 36.8 29.4 44.0





#67

4-Bromophenyl-phenylether

Concen: 51.151 ng

RT: 10.922 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134253.D

Acq: 12 Jul 2023 18:38

Instrument :

BNA_F

ClientSampleId :

ETGI-369MS

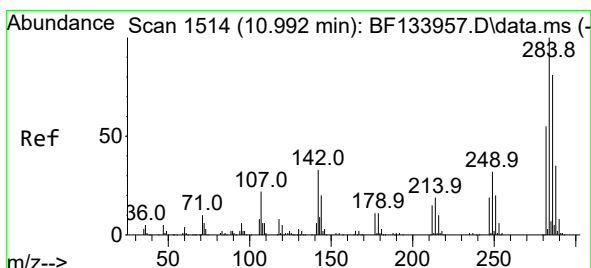
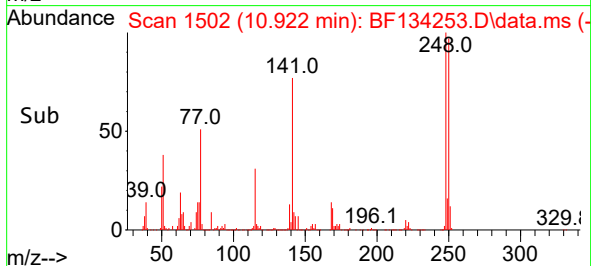
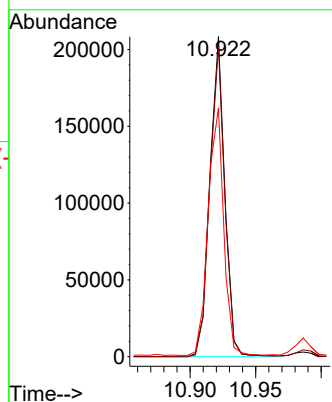
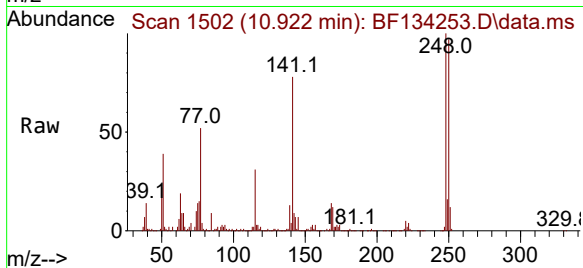
Tgt Ion:248 Resp: 166095

Ion Ratio Lower Upper

248 100

250 96.9 76.2 114.4

141 77.8 59.0 88.4



#68

Hexachlorobenzene

Concen: 51.060 ng

RT: 10.986 min Scan# 1513

Delta R.T. 0.000 min

Lab File: BF134253.D

Acq: 12 Jul 2023 18:38

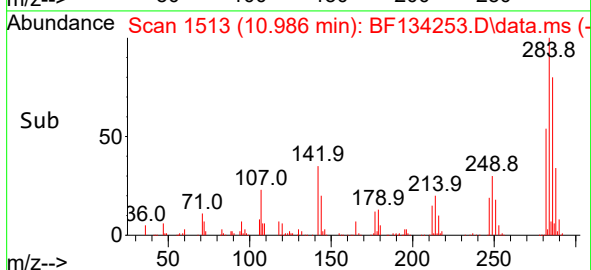
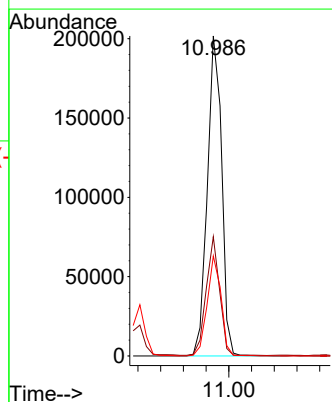
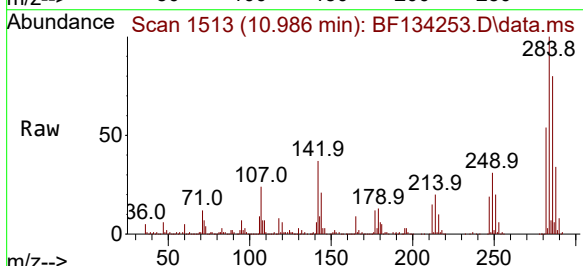
Tgt Ion:284 Resp: 176039

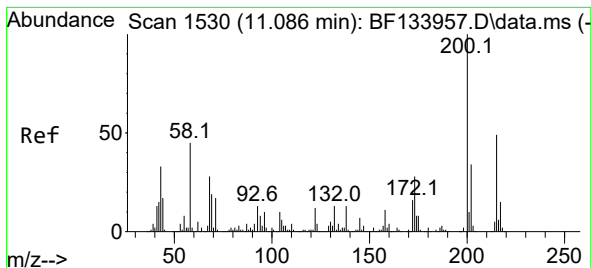
Ion Ratio Lower Upper

284 100

142 37.3 26.6 40.0

249 31.3 25.5 38.3





#69

Atrazine

Concen: 57.507 ng

RT: 11.080 min Scan# 1529

Delta R.T. 0.000 min

Lab File: BF134253.D

Acq: 12 Jul 2023 18:38

Instrument :

BNA_F

ClientSampleId :

ETGI-369MS

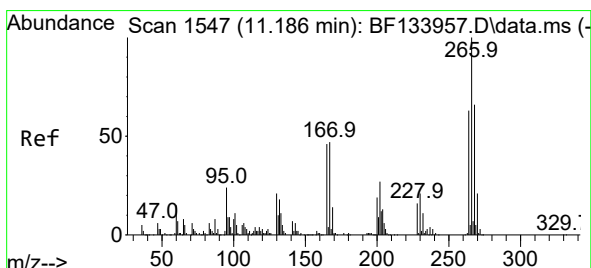
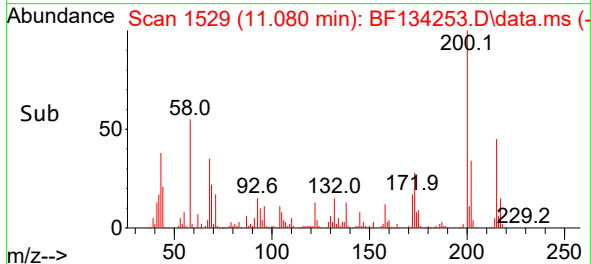
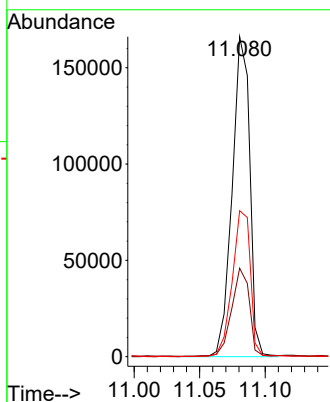
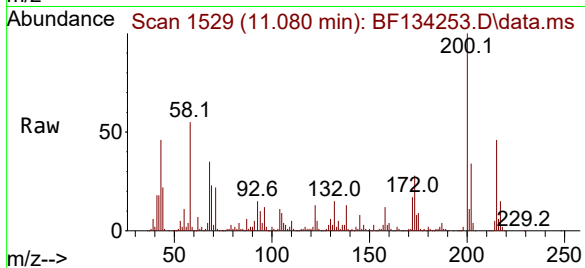
Tgt Ion:200 Resp: 155266

Ion Ratio Lower Upper

200 100

173 27.7 8.0 48.0

215 45.6 29.3 69.3



#70

Pentachlorophenol

Concen: 67.448 ng

RT: 11.186 min Scan# 1547

Delta R.T. 0.000 min

Lab File: BF134253.D

Acq: 12 Jul 2023 18:38

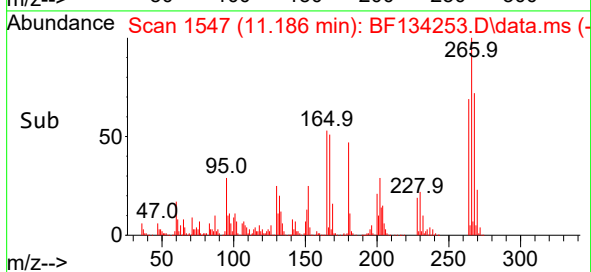
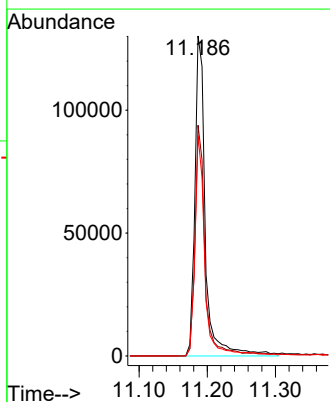
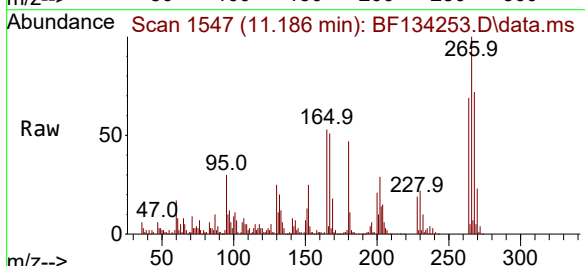
Tgt Ion:266 Resp: 139041

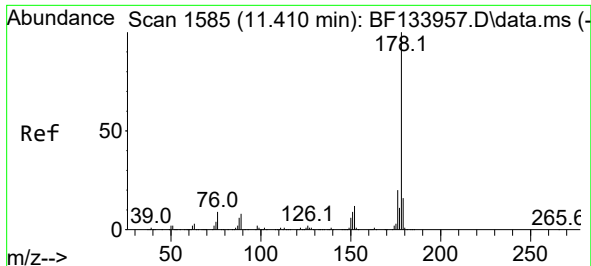
Ion Ratio Lower Upper

266 100

268 72.1 52.6 79.0

264 68.9 50.6 76.0

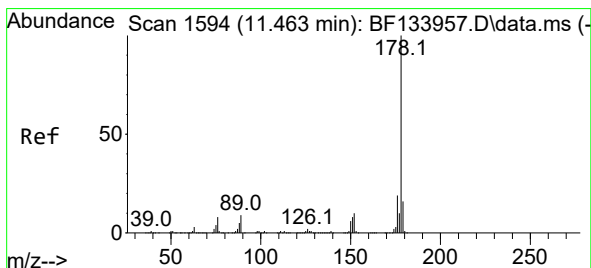
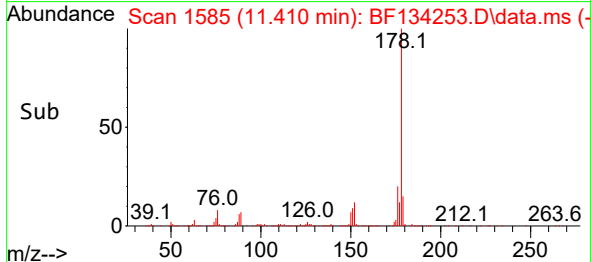
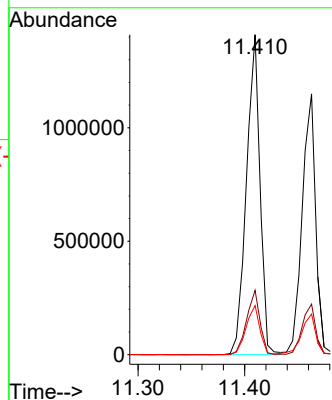
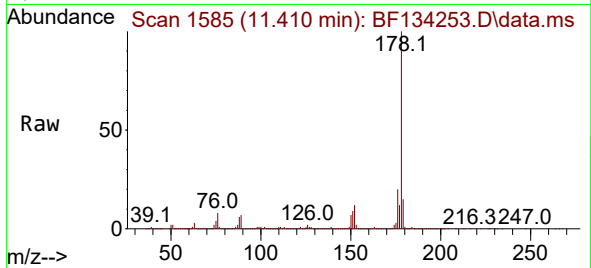




#71
Phenanthrene
Concen: 81.498 ng
RT: 11.410 min Scan# 1585
Delta R.T. 0.006 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

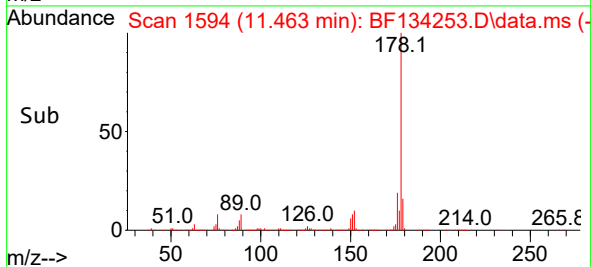
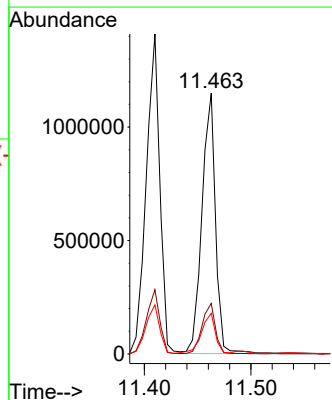
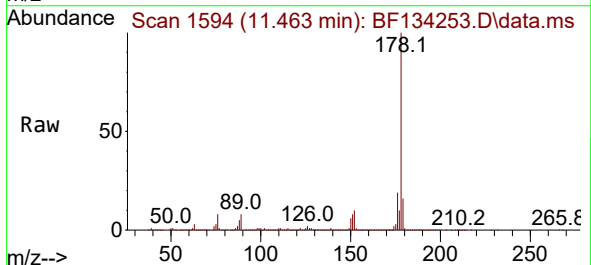
Instrument :
BNA_F
ClientSampleId :
ETGI-369MS

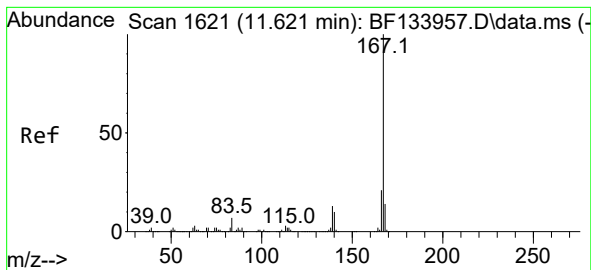
Tgt Ion:178 Resp: 1253412
Ion Ratio Lower Upper
178 100
176 20.1 16.0 24.0
179 15.3 12.4 18.6



#72
Anthracene
Concen: 63.554 ng
RT: 11.463 min Scan# 1594
Delta R.T. 0.006 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:178 Resp: 1016649
Ion Ratio Lower Upper
178 100
176 19.4 15.3 22.9
179 15.6 12.4 18.6





#73

Carbazole

Concen: 44.858 ng

RT: 11.616 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134253.D

Acq: 12 Jul 2023 18:38

Instrument :

BNA_F

ClientSampleId :

ETGI-369MS

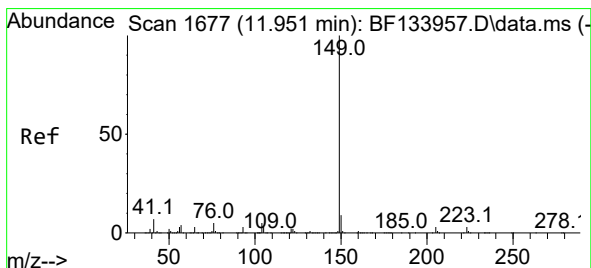
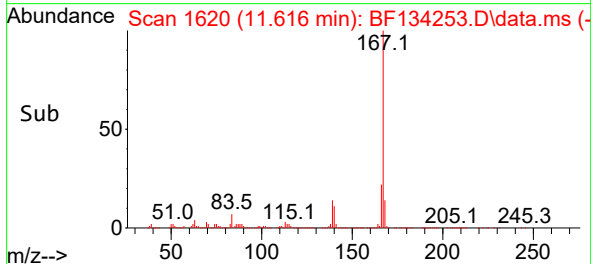
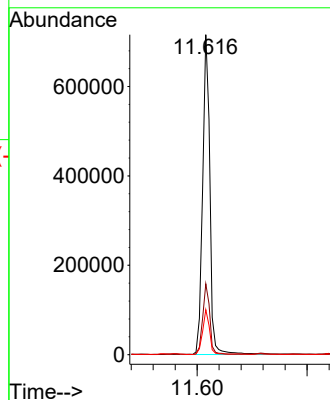
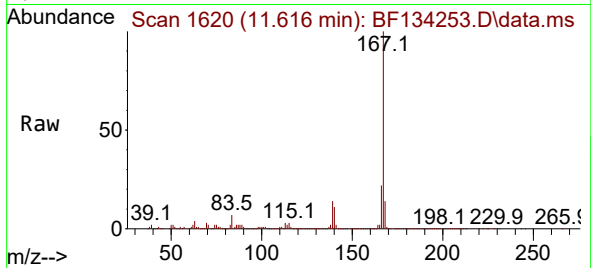
Tgt Ion:167 Resp: 656805

Ion Ratio Lower Upper

167 100

166 22.1 17.0 25.6

139 14.0 10.4 15.6



#74

Di-n-butylphthalate

Concen: 47.997 ng

RT: 11.945 min Scan# 1676

Delta R.T. 0.000 min

Lab File: BF134253.D

Acq: 12 Jul 2023 18:38

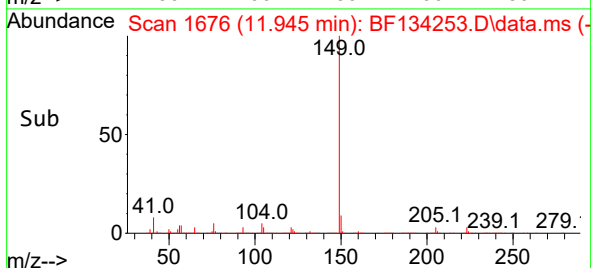
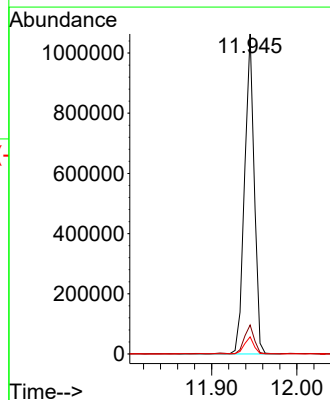
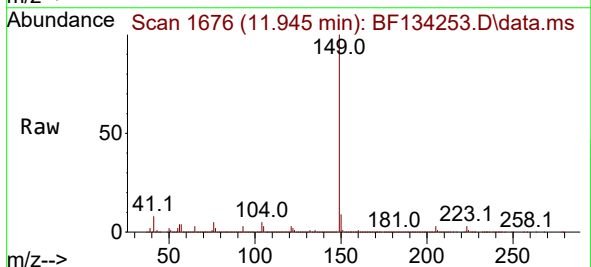
Tgt Ion:149 Resp: 835720

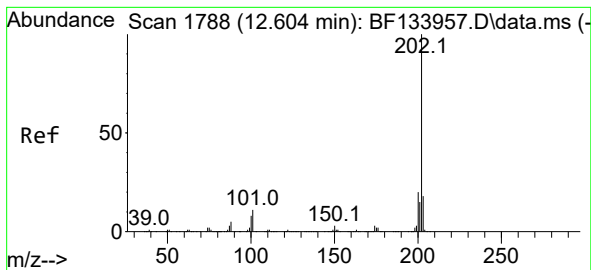
Ion Ratio Lower Upper

149 100

150 9.0 7.1 10.7

104 5.4 4.0 6.0





#75

Fluoranthene

Concen: 138.178 ng

RT: 12.616 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF134253.D

Acq: 12 Jul 2023 18:38

Instrument :

BNA_F

ClientSampleId :

ETGI-369MS

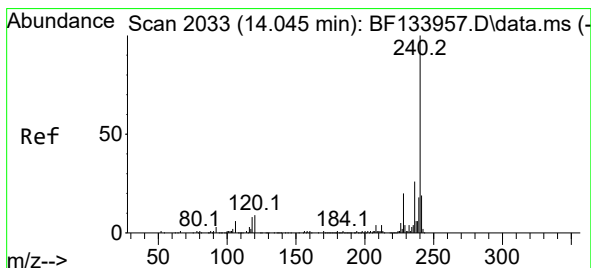
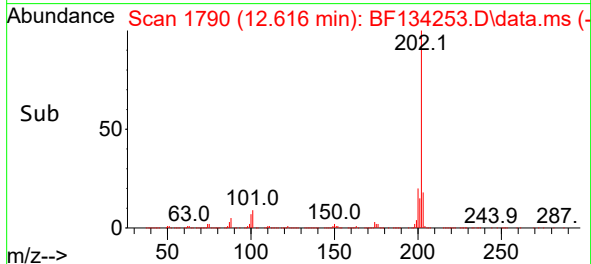
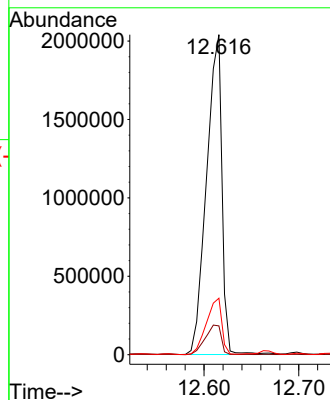
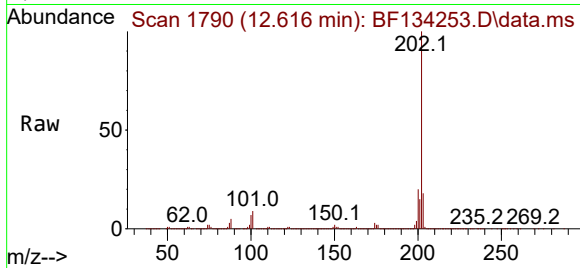
Tgt Ion:202 Resp: 2297457

Ion Ratio Lower Upper

202 100

101 9.0 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: BF134253.D

Acq: 12 Jul 2023 18:38

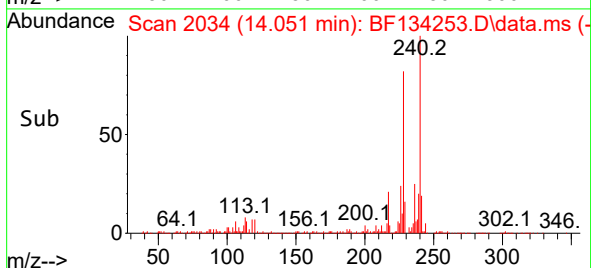
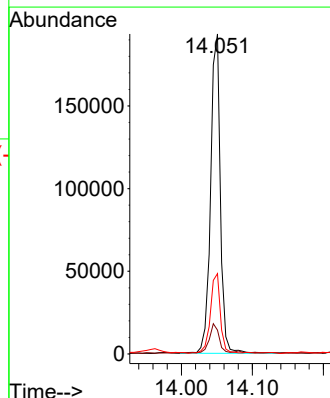
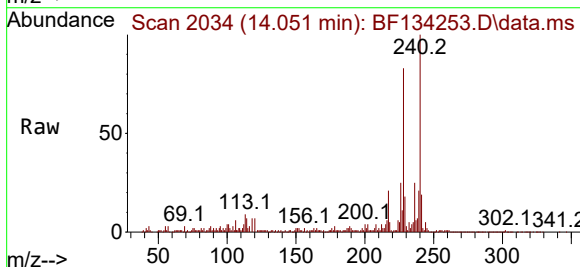
Tgt Ion:240 Resp: 184957

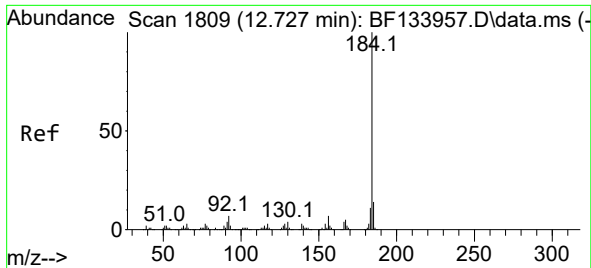
Ion Ratio Lower Upper

240 100

120 7.5 7.4 11.0

236 25.1 21.0 31.6

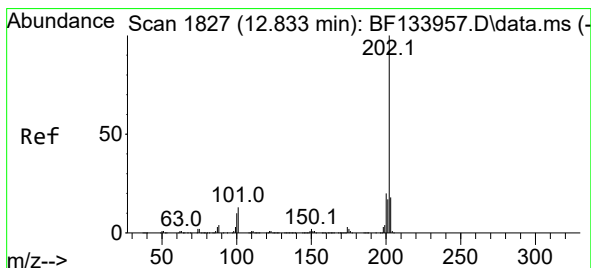
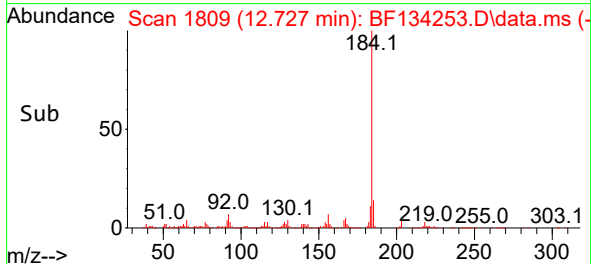
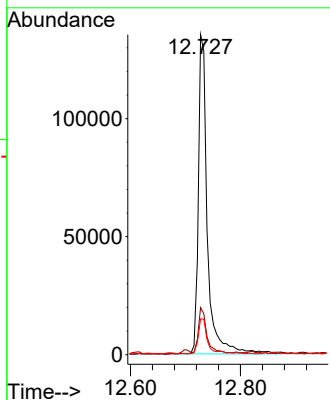
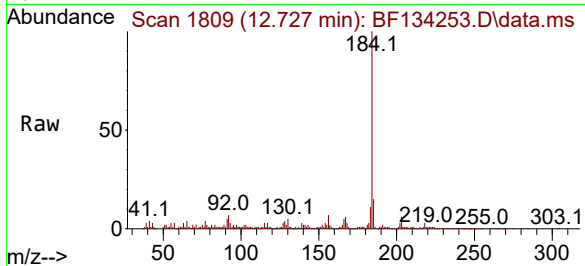




#77
Benzidine
Concen: 35.150 ng
RT: 12.727 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

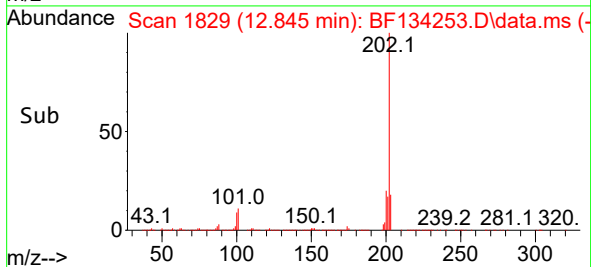
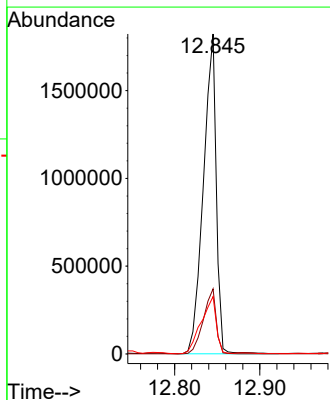
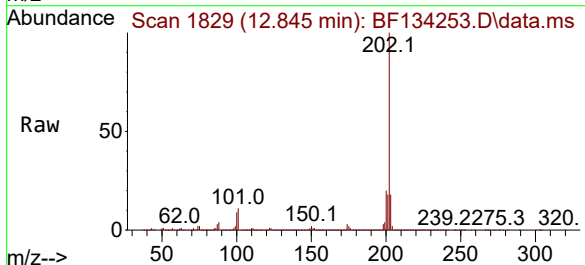
Instrument :
BNA_F
ClientSampleId :
ETGI-369MS

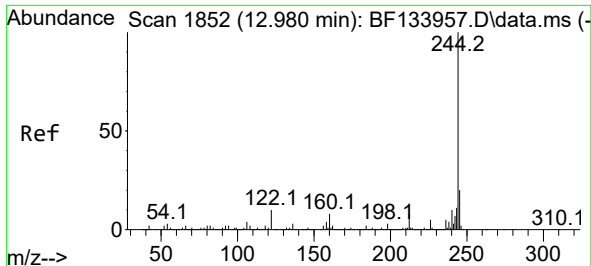
Tgt Ion:184 Resp: 154692
Ion Ratio Lower Upper
184 100
185 14.7 11.6 17.4
183 11.2 8.8 13.2



#78
Pyrene
Concen: 110.817 ng
RT: 12.845 min Scan# 1829
Delta R.T. 0.012 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:202 Resp: 1907469
Ion Ratio Lower Upper
202 100
200 20.4 16.1 24.1
203 17.9 14.3 21.5

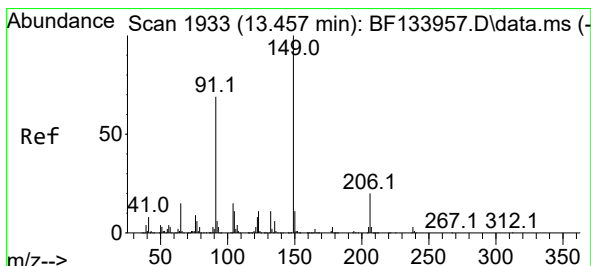
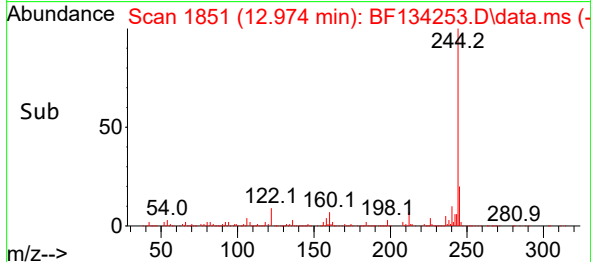
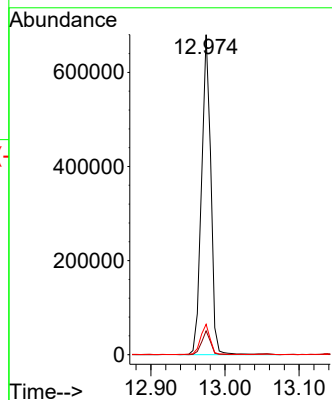
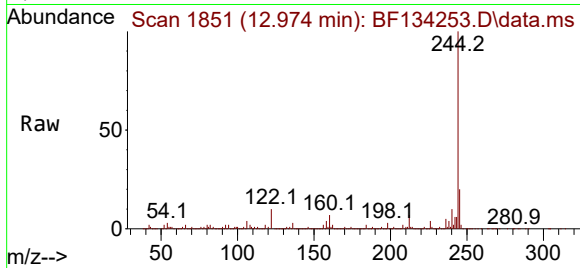




#79
 Terphenyl-d14
 Concen: 51.419 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. 0.000 min
 Lab File: BF134253.D
 Acq: 12 Jul 2023 18:38

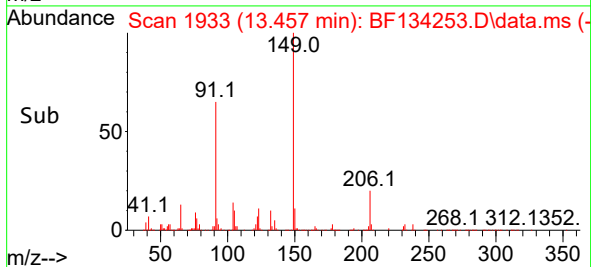
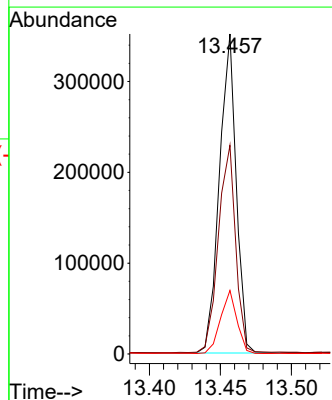
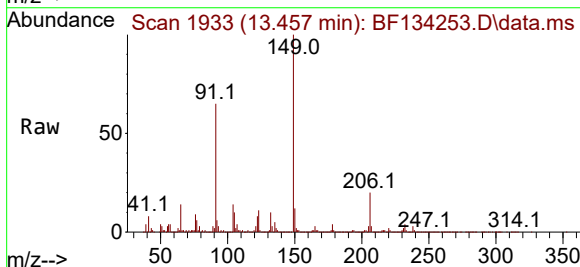
Instrument :
 BNA_F
 ClientSampleId :
 ETGI-369MS

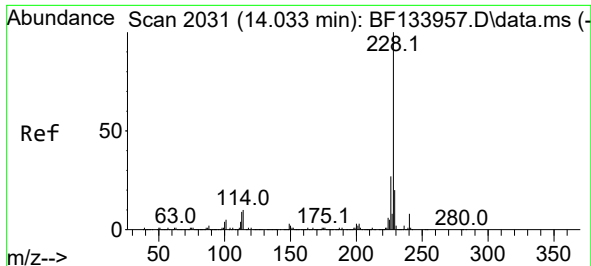
Tgt Ion:244 Resp: 590916
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 9.5 8.3 12.5



#80
 Butylbenzylphthalate
 Concen: 44.766 ng
 RT: 13.457 min Scan# 1933
 Delta R.T. 0.006 min
 Lab File: BF134253.D
 Acq: 12 Jul 2023 18:38

Tgt Ion:149 Resp: 288989
 Ion Ratio Lower Upper
 149 100
 91 65.2 55.1 82.7
 206 19.8 15.7 23.5

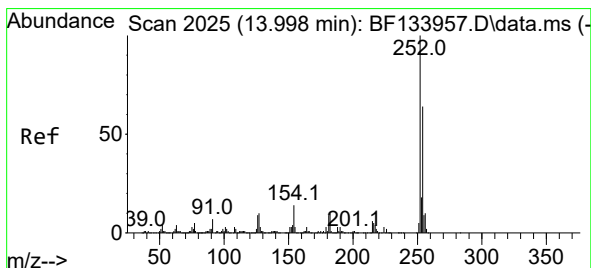
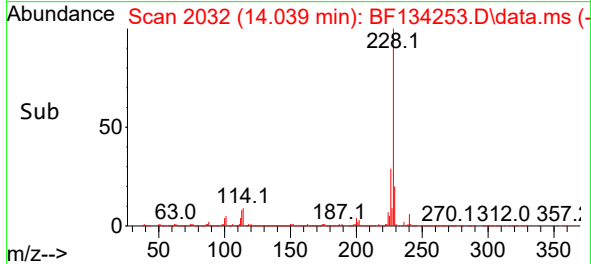
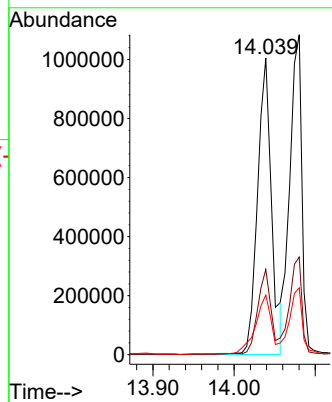
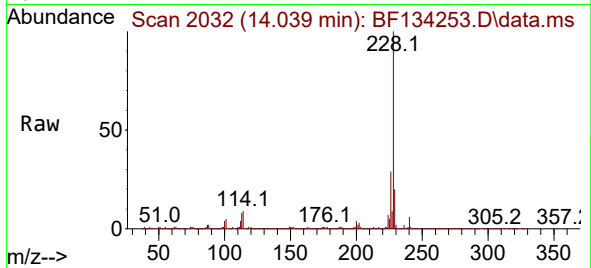




#81
Benzo(a)anthracene
Concen: 93.500 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

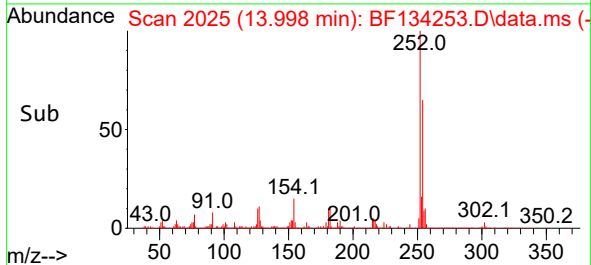
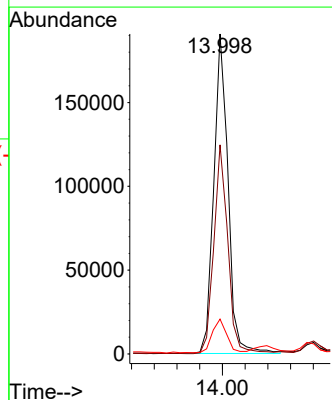
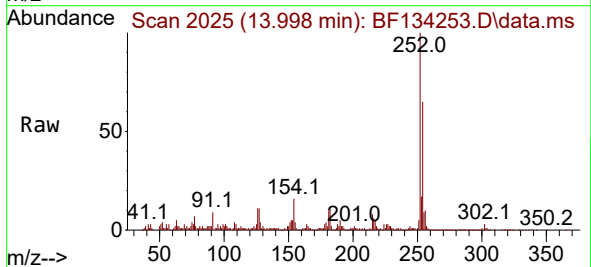
Instrument :
BNA_F
ClientSampleId :
ETGI-369MS

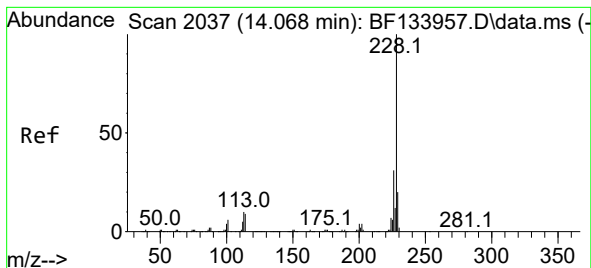
Tgt Ion:228 Resp: 1199331
Ion Ratio Lower Upper
228 100
226 28.8 22.0 33.0
229 20.1 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 40.802 ng
RT: 13.998 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:252 Resp: 165813
Ion Ratio Lower Upper
252 100
254 65.4 51.4 77.0
126 10.9 7.4 11.2





#83

Chrysene

Concen: 90.569 ng

RT: 14.080 min Scan# 2037

Delta R.T. 0.012 min

Lab File: BF134253.D

Acq: 12 Jul 2023 18:38

Instrument :

BNA_F

ClientSampleId :

ETGI-369MS

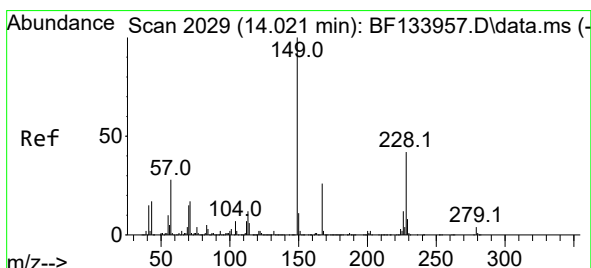
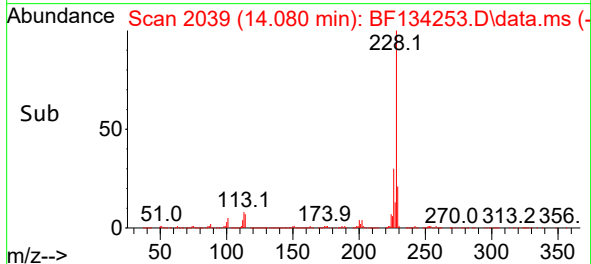
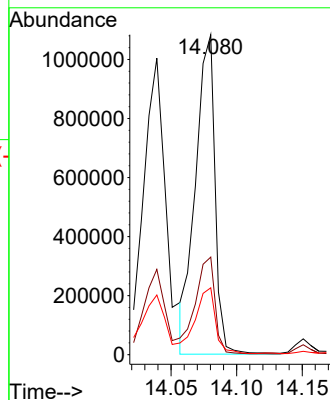
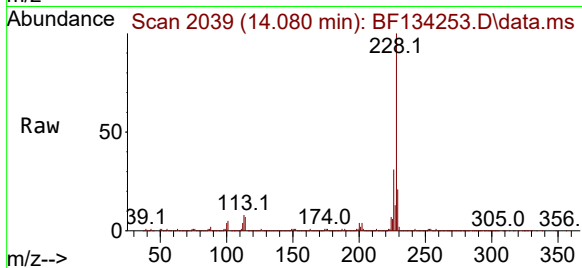
Tgt Ion:228 Resp: 1125223

Ion Ratio Lower Upper

228 100

226 30.5 24.4 36.6

229 20.9 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.735 ng

RT: 14.016 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF134253.D

Acq: 12 Jul 2023 18:38

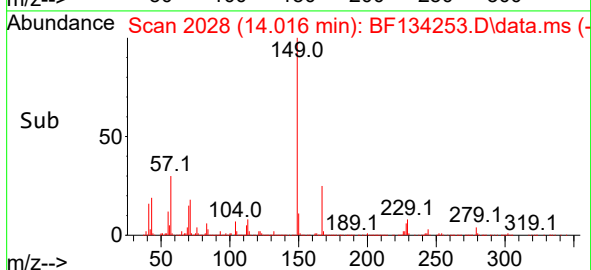
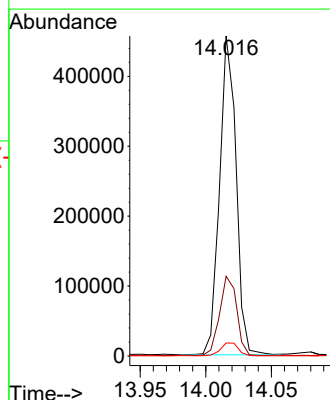
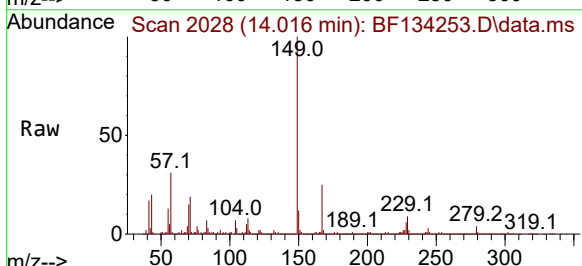
Tgt Ion:149 Resp: 398599

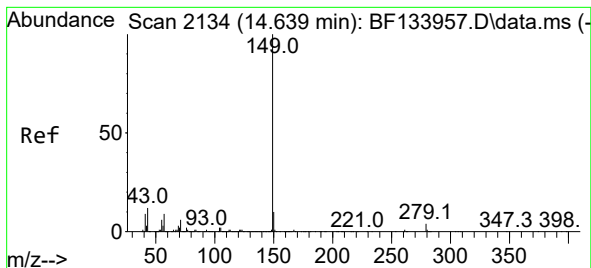
Ion Ratio Lower Upper

149 100

167 24.9 21.0 31.4

279 4.1 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 61.873 ng

RT: 14.639 min Scan# 2134

Delta R.T. 0.000 min

Lab File: BF134253.D

Acq: 12 Jul 2023 18:38

Instrument :

BNA_F

ClientSampleId :

ETGI-369MS

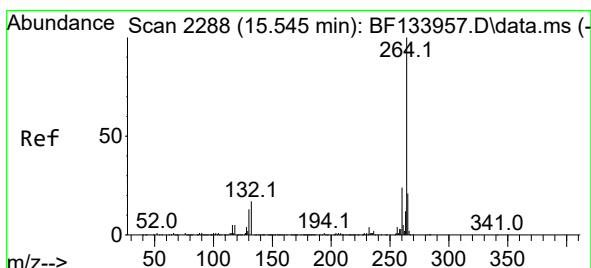
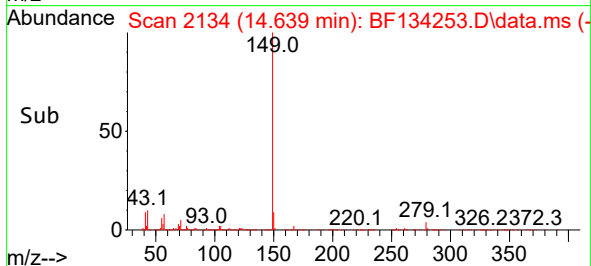
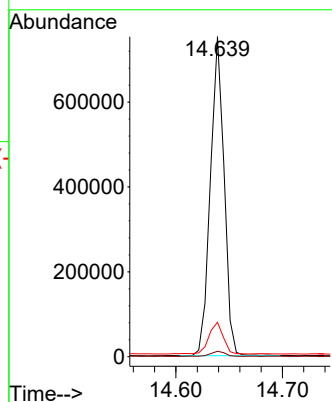
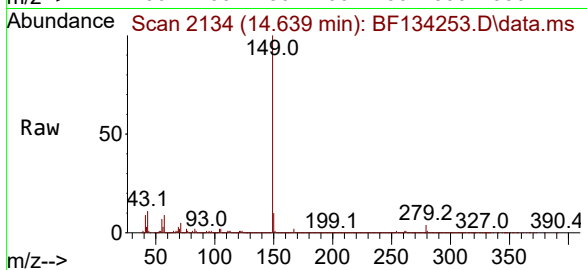
Tgt Ion:149 Resp: 674389

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 10.3 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: BF134253.D

Acq: 12 Jul 2023 18:38

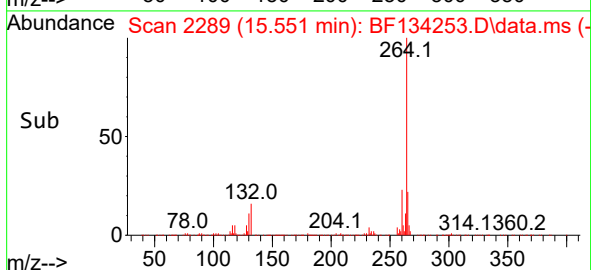
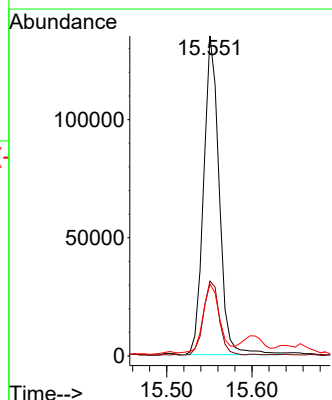
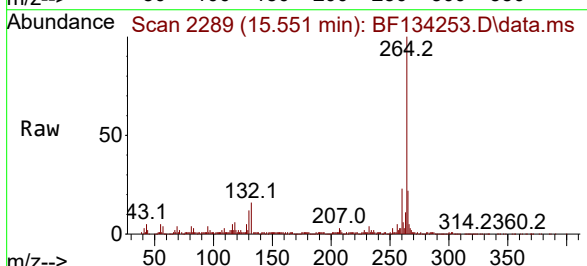
Tgt Ion:264 Resp: 170837

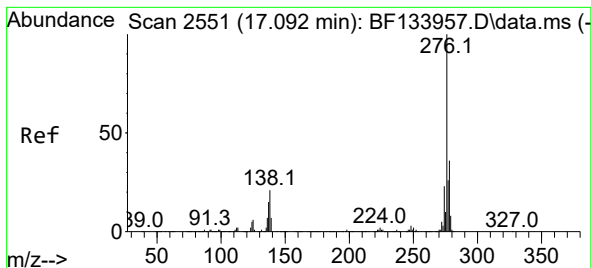
Ion Ratio Lower Upper

264 100

260 23.4 19.5 29.3

265 22.4 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.846 ng

RT: 17.109 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF134253.D

Acq: 12 Jul 2023 18:38

Instrument :

BNA_F

ClientSampleId :

ETGI-369MS

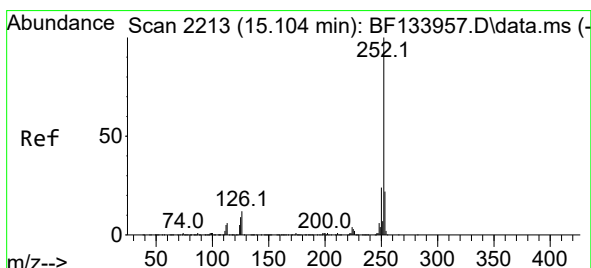
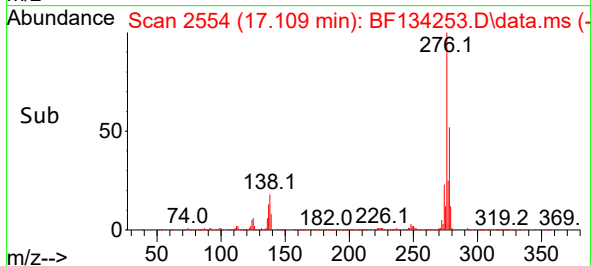
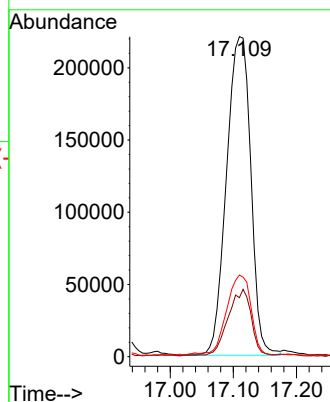
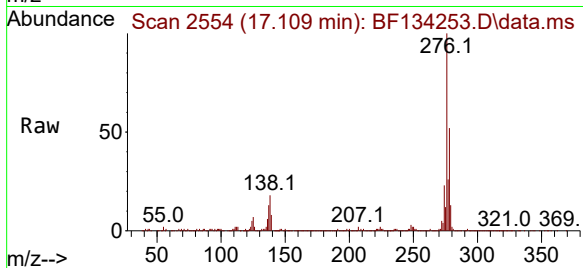
Tgt Ion:276 Resp: 590890

Ion Ratio Lower Upper

276 100

138 20.0 18.7 28.1

277 25.4 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 107.413 ng

RT: 15.115 min Scan# 2215

Delta R.T. 0.012 min

Lab File: BF134253.D

Acq: 12 Jul 2023 18:38

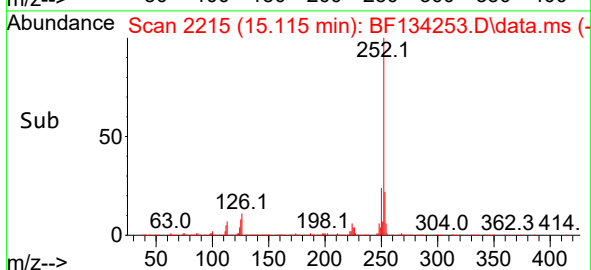
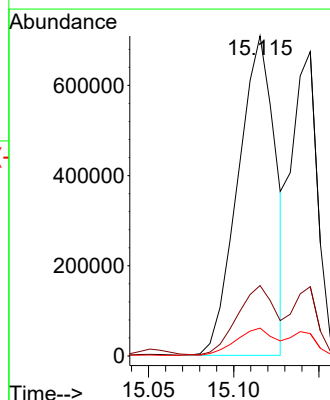
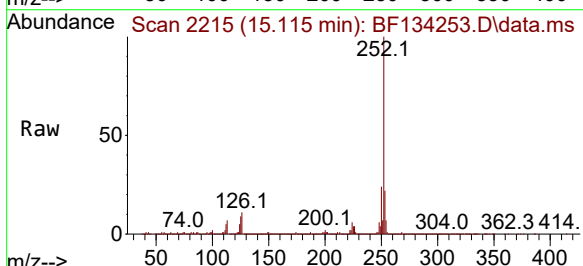
Tgt Ion:252 Resp: 1078999

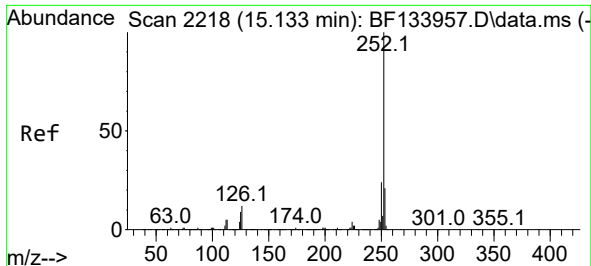
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 8.7 7.1 10.7

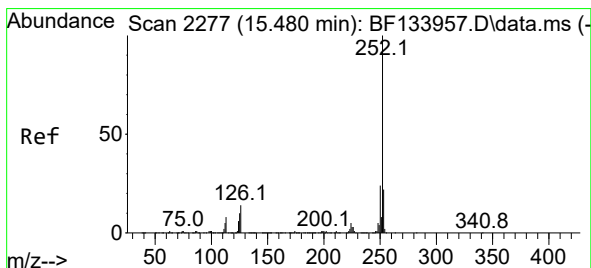
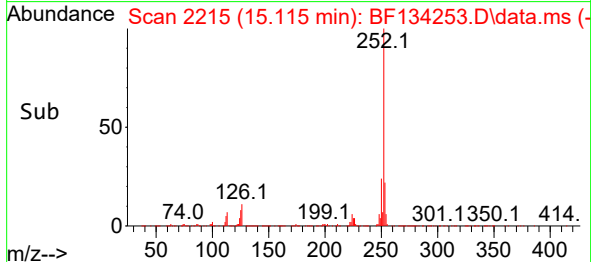
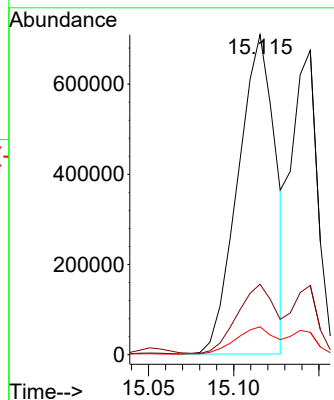
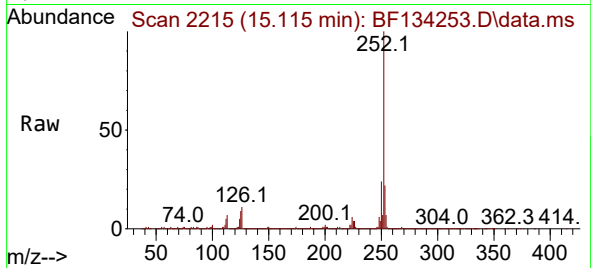




#89
Benzo(k)fluoranthene
Concen: 105.498 ng
RT: 15.115 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

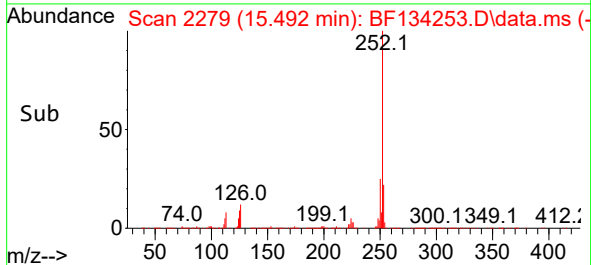
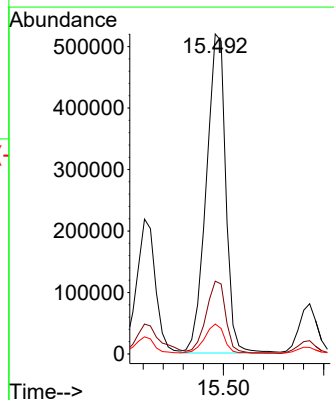
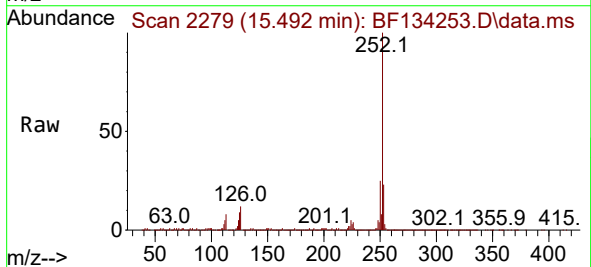
Instrument :
BNA_F
ClientSampleId :
ETGI-369MS

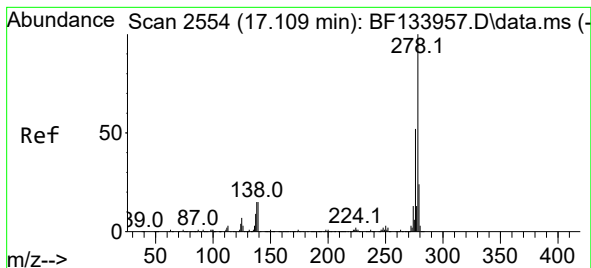
Tgt Ion:252 Resp: 1078999
Ion Ratio Lower Upper
252 100
253 22.0 16.9 25.3
125 8.7 7.4 11.2



#90
Benzo(a)pyrene
Concen: 72.355 ng
RT: 15.492 min Scan# 2279
Delta R.T. 0.012 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:252 Resp: 702834
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.0
125 9.4 8.4 12.6





#91

Dibenzo(a,h)anthracene

Concen: 39.981 ng

RT: 17.121 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF134253.D

Acq: 12 Jul 2023 18:38

Instrument :

BNA_F

ClientSampleId :

ETGI-369MS

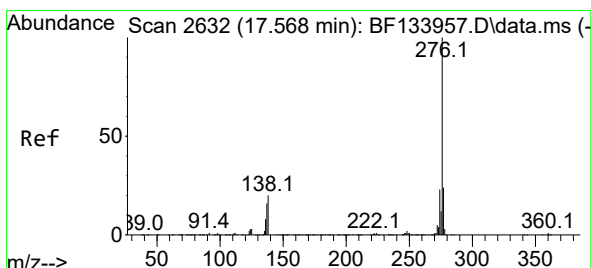
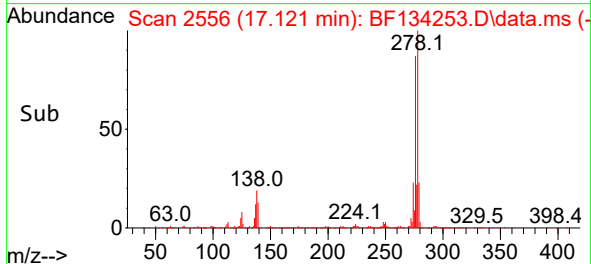
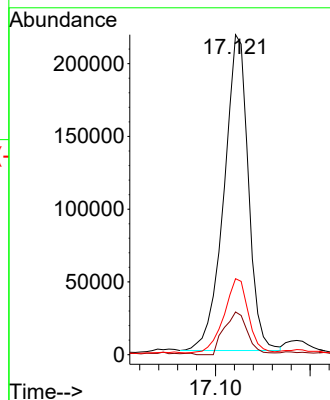
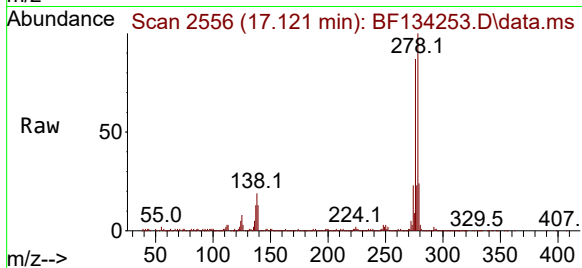
Tgt Ion:278 Resp: 387118

Ion Ratio Lower Upper

278 100

139 13.3 12.2 18.4

279 23.7 19.4 29.2



#92

Benzo(g,h,i)perylene

Concen: 47.134 ng

RT: 17.580 min Scan# 2634

Delta R.T. 0.012 min

Lab File: BF134253.D

Acq: 12 Jul 2023 18:38

Tgt Ion:276 Resp: 470632

Ion Ratio Lower Upper

276 100

277 24.1 19.0 28.6

138 18.3 16.2 24.2

